OFFICIAL GAZETTE

UNITED STATES PATENT OFFICE

JAN. THRU MAR.

VOL 342 - 344

1926

OFFICIAL GAZETTE

OF THE

UNITED STATES PATENT OFFICE

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VOLUME 342

JANUARY

1926

WASHINGTON
GOVERNMENT PRINTING OFFICE
1926

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[Decisions of the Court of Appeals of the District of Columbia are indicated by the letter (*); of the Supreme Court of the United States by the letter (*).]

ERRATA.

1,568,844, page 126, in heading, assignment, name of assignee, for "Harry L. Griesedieck" read *Henry L. Griesedieck.*

1,569,168, page 365, in heading, assignment, name of assignee, for "Sheet Metal Products Company" read *Sheet Steel Products Company.*

1,569,902, page 570, in the heading, after residence of patentee, insert *assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey.*

1,570,018, page 593, in heading, assignment, name of assignee, for "The Irwin Auger Company" read *The Irwin Auger Bit Company.*

1,570,862, page 660, first claim, line 5, for the word "contact" read *contract.*

Patents Nos. 1,568,040 to 1,568,953

THE OFFICIAL GAZETTE OF THE United States Patent Office.

Vol. 342—No. 1. TUESDAY, JANUARY 5, 1926. Price—$5 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $5.00 per annum; single numbers, 10 cents each.

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CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

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Total	1,401		

Interference Notices.

U. S. Patent Office, *Washington, Dec. 5, 1925.*

Continental Candy Company, its assigns or legal representatives, take notice.

An interference has been declared by this Office between the application of Hawley & Hoops, of 271 Mulberry Street, New York, N. Y., for registration of a trade-mark and trade-mark registered June 15, 1918, No. 92,571, to Novelty Candy Company, of 346 Claremont Avenue, Jersey City, N. J. The assignment records of this Office show that said trade-mark was assigned to Continental Candy Company, of 37 Wall Street, New York, N. Y., and because of prima facie evidence in the record to the effect that Continental Candy Company is no longer in business, notice is hereby given that unless said Continental Candy Company, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. Patent Office, *Washington, Dec. 8, 1925.*

Hudson Condensed Milk Co., Inc., its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of The United Dairy Company Inc., Barnesville, Ohio, for registration of a trade-mark and trade-mark registered February 23, 1915, No. 102,799, to Hudson Condensed Milk Co., Inc., 81 Fulton Street, New York, N. Y., and a notice of such declaration sent by registered mail to said Hudson Condensed Milk Co., Inc., at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Hudson Condensed Milk Co., Inc., shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

Notice of Cancellation.

U. S. Patent Office, *Washington, Dec. 11, 1925.*

Son Brothers & Co., their assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of The Yale and Towne Mfg. Co., 9 East Fortieth Street, New York, N. Y., to effect the cancellation of the trade-mark registration of Son Brothers & Co., doing business at 2124 Broadway, San Francisco, Calif., and in Meriden, Conn., under the name of Yale Cutlery Co., No. 58,930, dated December 25, 1906, and the notice of such proceeding sent by registered mail to the said Son Brothers & Co. at the said addresses having been returned by the post office as undeliverable, notice is hereby given that unless said Son Brothers & Co., their assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

ADJUDICATED PATENTS.

(C. C. A. Del.) The Johnson patent, No. 946,442, relating to talking machine with amplifying horn inclosed in cabinet with doors to regulate sound, claim 19 *Held* invalid for anticipation. *Victor Talking Machine Co.* v. *Brunswick-Balke-Collender Co.*, 8 F. (2d) 41.

(C. C. A. N. Y.) The Cushman patent, No. 962,946, for nozzle, *Held* invalid. *Hayes Pump & Planter Co.* v. *Friend Mfg. Co.*, 8 F. (2d) 33.

(D. C. N. J.) The Oscanyan patent, No. 1,321,940, for baseball board, claims 11, 12, 21, 23, and 24 *Held* valid and infringed. *Star Ball Player Co.* v. *Baseball Display Co.*, 8 F. (2d) 46.

(C. C. A. Del.) The Browning patent, No. 1,402,738, relating to talking machine with horn inclosed in cabinet with doors to regulate sound, claim 1 *Held* invalid for abandonment. *Victor Talking Machine Co.* v. *Brunswick-Balke-Collender Co.*, 8 F. (2d) 41.

9235

Condition of Applications Under Examination at Close of Business December 24, 1925.

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 40,254; Trade-Mark Division, 1,059. Oldest new case, June 20, 1925; oldest amended, June 25, 1925. The dates given are 1925.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators: Fences; Gates; Harrows and Diggers; Plant Husbandry; Plows; Planting; Scattering Unloaders.	Oct. 5	Oct. 8	556
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Aug. 24	Aug. 12	566
331	3. RICH, WM. J., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Oct. 21	Sept. 28	547
234	4. MERRITT, A. D., Conveyers, Chutes, Skids, Guides, and Ways; Conveyers, Fluid Current; Conveyers, Power Driven; Excavating; Handling—Hand and Hoist-Line Implements; Material or Article Handling, Pushing and Pulling Implements, Traversing Hoists.	Sept. 26	Oct. 1	499
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording and Reproducing; Tying Cords or Strands.	July 25	July 27	816
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Hides, Skins and Leather; Sugar and Starch; Concentrating Evaporators.	Sept. 14	Sept. 4	984
106	7. JARBOE, C. O., Amusement and Exercising Devices; Toys; Optics; Photography	Oct. 3	Oct. 5	773
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Oct. 3	Oct. 5	1,176
221	9. TRYON, F. M., Air and Gas Pumps; Hydraulic Motors; Injectors and Ejectors; Motors, Fluid; Motors, Fluid Current; Pumps.	Sept. 21	Aug. 20	582
118	10. HUNTER, O. F. (Acting), Motor Vehicles; Land Vehicles—Animal Draft Appliances, Bodies and Tops, Dumping.	Aug. 24	Sept. 15	1,012
148*	11. ARMSTRONG, H. C., Boot and Shoe Making; Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whips and Whip Apparatus; Cutting and Punching Sheets and Bars; Driven, Headed, and Screw-Threaded Fastenings.	Sept. 19	Sept. 24	764
380	12. PIERCE, P. P., Machine Elements	Sept. 3	Sept. 10	671
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning.	Aug. 8	Aug. 27	728
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Aug. 17	Sept. 12	874
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Sept. 18	Oct. 10	641
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Aug. 8	Aug. 27	927
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Sept. 24	Sept. 29	361
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Aug. 3	Aug. 4	749
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Sept. 4	Oct. 9	485
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking	Oct. 3	Oct. 8	725
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Sept. 3	Sept. 14	473
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games, Firearms; Ordnance; Ammunition and Explosive Devices; Ammunition and Explosive-Charge Making; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Oct. 12	Oct. 16	407
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	July 18	Aug. 14	356
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Oct. 16	Oct. 30	400
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Oct. 5	Oct. 3	717
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	July 11	July 9	722
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Oct. 16	Oct. 27	508
225	28. BENSON, A. R., Internal-Combustion Engines	Oct. 24	Oct. 23	666
160*	29. MORRIS, B. N., Abrading; Boring and Drilling; Button Making; Chucks or Sockets; Coopering; Tool-Handle Fastenings; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	June 20	June 25	1,063
248	30. SULLIVAN, M. R., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Sept. 25	Oct. 5	890
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Oct. 20	Oct. 7	670
249	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Aug. 13	Aug. 15	613
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Oct. 26	Oct. 26	606
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways; Railway Rolling Stock; Railway Switches and Signals; Railways, Surface Track; Railway Wheels and Axles; Store Service; Track Sanders; Vehicle Fenders.	Aug. 5	Aug. 15	668
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Oct. 1	Oct. 14	616
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Aug. 6	Sept. 2	1,099
224*	37. TAYLOR, E. C., Electricity, Circuit Makers and Breakers	Aug. 24	Aug. 27	818
145	38. IDE, G. R., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	July 24	July 27	879
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Sept. 14	Oct. 10	435
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Cloth, Leather, and Rubber Receptacles; Deposit and Collection Receptacles; Metallic Receptacles; Package and Article Carriers; Paper Receptacles; Special Receptacles and Packages; Wooden Receptacles.	Sept. 15	Sept. 15	1,148
125	41 BROWN, J. I., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Sept. 18	Oct. 1	424
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	July 31	July 20	1,210
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Sept. 18	Oct. 7	774
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	July 8	July 1	833
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Sept. 21	Sept. 21	574
233	46. WOLCOTT, C. L., Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Sept. 30	Sept. 26	582
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Aug. 20	Aug. 28	1,171
213*	48. ROEPKE, O. B., Electricity, Conductors; Electricity, General Applications	July 13	July 15	1,596
239	49. EDINBURG, F. P., Check-Controlled Apparatus, Domestic Cooking Vessels; Fuel and Igniting Devices; Pneumatics; Velocipedes; Driers; Liquid Separation or Purification.	Sept. 3	Sept. 29	677
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Aug. 11	Aug. 11	1,141
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission; Electric Lamps	Aug. 6	Aug. 7	1,594
144	52. MORGAN, E. T., Supports; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings.	Oct. 20	Oct. 28	494
241*	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Sept. 29	Oct. 8	677
102	DESIGNS: C. O. MARKHAM (Acting)	Nov. 30	Dec. 1	
163	TRADE-MARKS, LABELS, AND PRINTS: T. L. MEAD, JR. (Trade-Marks	Nov. 27	Dec. 11	1,809
	(Labels and Prints	Dec. 1	Dec. 14	150

*Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decisions.

EX PARTE DURE.

Decided August 24, 1925.

1. APPLICATIONS—OATH—FOREIGN NOTARY—CERTIFICATE OF DIPLOMATIC OR CONSULAR OFFICER.

Where the authority of the foreign notary who administered an application oath is not proved by a direct certification of a consular or diplomatic officer of the United States, but his authority is certified to by a foreign judicial officer, there following a series of certificates as to the genuineness of the signatures, the last of which is the certificate of a United States consul, *Held* that the certificates furnish sufficient proof of the authority of the notary and should be accepted as a compliance with the requirement of the statute. (*Ex parte Rose*, 1912 C. D. 194, overruled).

2. SAME—SAME—SAME—SAME—INTERMEDIATE CERTIFICATES IN FOREIGN LANGUAGE.

Where the intermediate certificates follow a fixed form, they need not be in the English language.

3. SAME—SAME—SAME—SAME—SAME.

Where the intermediate certificates are in an unusual form and in a foreign language, it is advisable for the applicant to furnish a translation.

ON PETITION.

EXHAUST MANIFOLDS OF MULTICYLINDER INTERNAL-COMBUSTION ENGINES.

Messrs. Cruse & Mann for the petitioner.

ROBERTSON, *Commissioner:*

Applicant petitions from the Examiner's requirement for a new oath.

The oath was held defective on the ground that the authority of the notary had not been proved by a direct certification of a consular or diplomatic officer of the United States; but his authority was certified to by a German judicial officer, there following a series of certificates as to the genuineness of signatures, the last of which is the certificate of a United States consul. The Examiner relied upon *Ex parte Rose*, 180 O. G. 322, 1912 C. D. 194, and section 4892 of the Revised Statutes in support of his requirement. Section 4892, Revised Statutes, requires that the authority of the notary shall be proved by a diplomatic or consular officer of the United States, but it does not provide the form in which such proof shall be given.

[1] While the Examiner's action was in accordance with the ruling in *Ex parte Rose*, supra, it is thought that the certificates in this case furnish sufficient proof of the authority of the notary and should be accepted as a compliance with the requirement of the statute. It may be noted that certificates such as those in the present case have, for several years past, been accepted by this office in many instances.

The ruling in *Ex parte Rose*, supra, is overruled.

[2, 3] Objection has also been made to the intermediate certifications on the ground that they are not in the English language. It is customary in all countries to make such certificates of authority in the language of the certifying officials, and no reason is seen for requiring a departure from that practice in certifying to the authority of the official before whom an oath to a patent application is executed. Rule 30 provides that the patent specification and oath must be in the English language; but this does not necessarily mean that the certifications of the authority must be in the English language. It would, of course, be convenient to have such certifications in the English language or accompanied by a translation thereof; but as these certifications usually follow a fixed form the Examiners as a rule have no difficulty in reading or translating them. Where, however, an unusual form is used, it is advisable for the applicant to furnish a translation.

The petition is granted.

THE CRACKER JACK CO. *v.* ASPEGREN & CO., INC.

Decided August 21, 1925.

1. TRADE-MARKS—OPPOSITION—NO ANSWER TO AMENDED NOTICE—EQUITY RULE 30.

If no answer is filed to an amended notice of opposition, which alleges that applicant's mark is the essential and material part of opposer's name, the Office might be justified in granting the opposition on the ground of applicant's admission of the allegations in the amendment. (Equity rule 30.)

2. SAME—SAME—INCORPORATION—PROOF OF.

Incorporation is sufficiently proven by the answer of a witness to a question which passed without objection, where the answer indicates that incorporation was effected at a certain date.

3. SAME—SAME—SAME.

Where articles of incorporation over the seal and signature of the secretary of state of one of the States of the Union were filed in this Office by opposer prior to the filing of the notice of opposition, *Held* that registration would have to be refused under the act of 1905 if applicant's mark was the essential and material part of opposer's name and if application for registration was made after incorporation by opposer, even if the opposition were dismissed.

4. SAME—NAME OF CORPORATION—APPLICATION FILED AFTER INCORPORATION BY OPPOSER.

A mark can not be registered if at the time the application is filed it is the name of a corporation other than the applicant even if applicant used the mark prior to the date of incorporation of the corporation.

5. SAME—DESCRIPTIVE PROPERTIES—POP-CORN CONFECTION AND LARD SUBSTITUTE.

A pop-corn confection is so different from lard substitutes for shortening and frying mediums that the commodities can not be called goods of the same descriptive qualities.

6. SAME—SAME—ACT OF 1920.

The name of a corporation may be registered under the act of 1920 if the registrant's goods are not of the same descriptive properties as those of the corporation.

APPEAL from Examiner of Interferences.

Opposition No. 5,596 to registration of trade-mark of Aspegren & Co. for lard substitutes; ap-

plication filed November 13, 1923, Serial No. 188,262, published June 10, 1924.

Messrs. Fisher, Towle, Clapp & Soans for The Cracker Jack Co.

Messrs. Munn & Co. for Aspegren & Co., Inc.

FENNING, *Assistant Commissioner:*

The Cracker Jack Co. appeals from the action of Examiner of Interferences dismissing its notice of opposition filed against the application of Aspegren & Co. to register "Cracker Jack" as a trade-mark for lard substitutes for shortening and frying mediums.

By amendment, after answer was filed, a paragraph was put in the notice of opposition alleging that applicant's mark was the essential and material part of opposer's name, and consequently applicant was inhibited from registering its trade name under section 5 of the act of 1905.

[1, 2, 3] No answer to the amended notice of opposition has been filed, so that we might be justified in granting the opposition on the grounds of applicant's admission of the allegations in the amendment. (Equity rule 30.) The assistant secretary of opposer, however, testifies:

Q. 4. When was The Cracker Jack Co. incorporated?
A. December, 1921, I think.
Q. 5. And you have been assistant secretary of The Cracker Jack Co. ever since its incorporation in December, 1921?
A. Yes, sir.

Question 40 indicates that the incorporation was effected in December, 1921. These questions were passed without objection and under those circumstances are sufficient proof of the incorporation of the Cracker Jack Co. Moreover, on May 28, 1924, prior to the filing of the notice of opposition, the Cracker Jack Co. filed in this Office a certified copy of its articles of incorporation over the seal and signature of the secretary of state of Illinois. If the opposition were dismissed, we would have to refuse registration in view of this certificate on file. In view of these facts I have no hesitancy in holding that the opposition should be sustained on the ground that applicant's mark is the name of a corporation and inhibited from registration by the statute.

[4] Applicant urges that it has used the mark since prior to opposers' date of incorporation, and consequently that its mark should be registered. The statute, however, has no such restriction, but is clear that a mark can not be registered if at the time the application is filed it is the name of a corporation. The provision in section 5 of the act with respect to the name, emblem, flag, etc., of institutions, organizations, and clubs—namely, that such marks may not be registered if adopted since their use by the club, etc.—clearly shows that Congress knew how to use language to protect prior users of the mark. Since Congress has not adopted appropriate language to afford registration of marks adopted and then later made the names of corporations, we must assume that no such provision was intended.

[5, 6] Opposer claims use of "Cracker Jack" as a trade-mark merely on a pop-corn confection. This clearly is so different from the goods on which applicant uses its mark that the goods can not be called of the same descriptive properties. Applicant, therefore, is free to register its mark under the act of 1920. *Certain-teed Products Corp.* v. *Clark*, 337 O. G. 476.

The opposition is sustained. The Examiner of Interferences is reversed.

FRANKLIN KNITTING MILLS, INC., v. HENRY SONNEBORN & CO., INC.

Decided November 3, 1925.

1. TRADE-MARKS—OPPOSITION—REOPENING OF CASE.
In opposition proceedings a case may be reopened after the opposition has been finally sustained if an obvious error has been committed.

2. SAME—SAME—PETITION TO REOPEN—BILL OF REVIEW.
Where the time for appeal has gone by after the opposition has been sustained, a petition to reopen the case is in effect a bill of review in equity.

3. SAME—SAME—SAME.
Where applicant rested satisfied with a judgment sustaining the opposition until its attention was called to a decision of the Patent Office which it alleges is a reversal of the holding in a decision the Examiner had relied upon in denying a motion to dismiss the opposition, *Held* that the alleged change in decision on the part of the Office would not justify reopening the case. (*John Simmons Company* v. *Grier Brothers Company*, 258 U. S. 82, cited.)

4. SAME—DECEPTIVE SIMILARITY—"FASHIONBILT" AND "FASHIONKNIT."
Applicant's mark "Fashionbilt" is too near opposer's mark "Fashionknit" to stand side by side with it in trade without causing improper confusion.

ON PETITION.

Opposition No. 5,522 to registration of trade-mark of Henry Sonneborn & Co., Inc., for men's and boys' clothing. Application filed December 12, 1923, Serial No. 189,589, published April 22, 1924.

Mr. Harold R. Lhoice for Franklin Knitting Mills, Inc.

Mr. Edward R. Walton, jr., for Henry Sonneborn & Co., Inc.

FENNING, *Assistant Commissioner:*

Henry Sonneborn and Company, Inc., petitions the Commissioner to use his supervisory authority to overrule the Examiner of Interferences, who denied a petition to reopen the case, vacate the judgment, and extend time to answer an opposition brought by the Franklin Knitting Mills, Inc., against an application of Henry Sonneborn and Company, Inc., to register as a trade-mark for men's and boys' overcoats, outer coats, raincoats, suits, and pants the word "Fashionbilt." Opposer's trade-mark, applied to substantially the same goods, consists of the word "Fashionknit," registered in 1913, No. 92,061, in 1914, No. 95,419, and in 1923, No. 165,300.

The opposition was instituted in May, 1924. In June of that year applicant moved to dismiss on the ground that the two marks did not so nearly resemble each other as to be likely to cause confusion and deception. The Examiner denied the motion on the authority of the *Franklin Knitting Mills, Inc.*, v. *The Sal Ruf Co.*, 146 MS. D. 13, in which an opposition brought by the present opposer against "Fashion Court" was sustained. Although applicant was given time to file an answer, he omitted to do so, and when an order to show cause why final judgment should not be given was issued no response was made. Consequently the opposition was finally sustained in April, 1925, limit of appeal being set for May 12, 1925; but no appeal was taken. On June 23, 1925, the petition here under consideration was filed. The petition was referred to the Examiner of Interferences, who, after hearing, denied it on July 29.

[1, 2] On August 18 petition to the Commissioner was filed. As petitioner points out, a case may be reopened when an obvious error has been committed. The time for appeal having gone by, the present petition is in effect a bill of review in equity, and petitioner attempts to justify its right to have the case reopened and tried not because it has newly-discovered evidence and not for fraud in procuring the decree, but for error apparent in the record or, possibly, new matter arising since the decree.

[3] Petitioner points out that at the time the decision sustaining the opposition was rendered it was in financial difficulties, but that nevertheless it carefully considered the question of filing an answer and further contesting the matter, but because of advice given it by counsel it determined not to further prosecute the case. Petitioner rested satisfied with the judgment and the election it had made until its attention was called in the public press to a decision of the Patent Office in *Franklin Knitting Mills, Inc.*, v. *Kassman and Kessner, Inc.*, 146 MS. D. 433, in which it was held that "Fashion Club" was not sufficiently similar to opposer's mark "Fashionknit" to be likely to cause confusion. Petitioner in effect alleges that this holding is a reversal of the holding in the Sal Ruf case, supra, and that this therefore demonstrates an error of law apparent upon the face of the decision on the motion to dismiss or that it constitutes new matter justifying a review. In *John Simmons Company* v. *Grier Brothers Company*, 258 U. S. 82, the Supreme Court has sufficiently disposed of this by saying:

> • • • A change in the authoritative rule of law, resulting from a decision by this Court announced subsequent to the former decree, neither demonstrates an "error of law apparent" upon the face of that decree nor constitutes new matter *in pais* justifying a review.

Clearly this alleged change in decision on the part of the Office would not justify opening the present case.

[4] Moreover it is far from certain that the Examiner of Interferences made an error in dismissing the motion to dismiss the opposition. The opposer's mark "Fashionknit" has been under consideration several times by the Office. It is clear from a consideration of the various cases decided involving it that applicant's mark "Fashionbilt" is too near to opposer's mark "Fashionknit" to stand side by side with it in trade without causing improper confusion. For instance in *Franklin Knitting Mills, Inc.*, v. *Merchants Textile Syndicate*, 151 MS. D. 43, we sustained an opposition against the registration of "Fashiontex." In *Franklin Knitting Mills, Inc.*, v. *Rotary Hosiery Shops, Inc.*, 146 MS. D. 112, we sustained an opposition against the registration of "Fashion Kraft." The decisions with respect to these marks are based on facts more nearly analogous to the facts here present than in the cases of *Kassman and Kessner, Inc.*, 146 MS. D. 431 and 433, in which oppositions were not sustained against "Fashion Park" and "Fashion Club."

I am satisfied that no such obvious error appears in the action of the Examiner dismissing the motion to dismiss the opposition or in refusing to grant applicant's present petition as will justify our using our unusual supervisory authority to reopen the case.

The petition is denied.

Opposer in its brief alleges that the final decree in the original opposition was entered substantially by consent and in response to an agreement by applicant not to further prosecute its case and to discontinue the use of the mark when it had used up the stock of labels on hand. There is nothing in the record to indicate this state of facts, and I have not taken it into consideration in deciding the case.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

824,637. (See 879,532 (*b*).)

836,070. (See 879,532 (*b*).)

879,532 (*a*), L. de Forest, Space telegraphy, suit filed June 12, 1924, D. C. N. J., Doc. E 574, *Radio Corp. of America et al* v. *Dalite Lamp Co. of New Jersey, Inc., et al.* Consent order of discontinuance Sept. 24, 1925.

879,532 (*b*), L. de Forest, Space telegraphy; 824,637, 836,070, same, Oscillation-responsive device, suit filed July 2, 1924, D. C. N. J., Doc. E 601, *Radio Corp. of America et al* v. *Radio Tube Corp. et al.* Consent order of discontinuance Sept. 24, 1925.

892,603, Luther & Volck, Process of making arsenate of lead (and 1,296,557, Riches & Piver, same, included by counterclaim July 22, 1925), suit filed June 1, 1925, D. C. N. J., Doc. E 1279, *California Spray Chemical Co.* v. *Riches, Piver & Co.*

899,559, A. Pfau, Turbine, suit filed Sept. 28, 1925, D. C. N. J., Doc. E 1484, *Allis-Chalmers Mfg. Co.* v. *Lecourtenay Co.*

900,467, R. Baggaley, Method of recovering values from flue dust and fines, suit filed Sept. 14, 1925, D. C. N. J., Doc. E 1434, *E. I. Baggaley* v. *Tennessee Copper Co.*

957,768, G. W. Goodridge, Pull socket, suit filed Oct. 29, 1924, D. C. N. J., Doc. E 851, *The Bryant Electric Co.* v. *P. Golatsky (Golat Electric Co.).* Consent decree for injunction Oct. 23, 1925.

1,018,502 (*a*), Just & Hanaman, Manufacture of incandescent electric lamps; 1,082,933, W. D. Cool-

idge, Tungsten and method of making same for use as filaments of incandescent electric lamps, etc.; 1,180,159, I. Langmuir, Incandescent electric lamp, suit filed Dec. 2, 1924, D. C. N. J., Doc. E 904, *General Electric Co.* v. *Hudson Bros. Lamp Co.* Consent decree for injunction July 17, 1925. Same, suit filed July 22, 1925, D. C. N. J., Doc. E 1372, *General Electric Co.* v. *Triumph Lamp Works.*

1,018,502 (*b*), Just & Hanaman, Manufacture of incandescent electric lamps; 1,082,933, W. D. Coolidge, Tungsten and method of making same for use as filaments of incandescent electric lamps, etc.; 1,180,159, I. Langmuir, Incandescent electric lamp; 1,423,956, Mitchell & White, Tipless incandescent lamp and similar article; 1,423,957, same, Stem-making machine, suit filed Apr. 17, 1925, D. C. N. J., Doc. E 1228, *General Electric Co.* v. *Beacon Electric Lamp Co., Inc., et al.* Same, suit filed May 19, 1925, D. C. N. J., Doc. E 1273, *General Electric Co.* v. *Daylight Lamp Works, Inc., et al.* Consent decree for injunction Aug. 17, 1925. Same, suit filed Oct. 20, 1925, D. C. N. J., Doc. E 1514, *General Electric Co.* v. *Sorochinsky & Zuchowitz* (*Master Electric Mfg. Co.*).

1,018,502 (*c*), Just & Hanaman, Manufacture of incandescent electric lamps; 1,082,933, W. D. Coolidge, Tungsten and method of making same for use as filaments of incandescent electric lamps, etc., suit filed Oct. 30, 1925, D. C., S. D. N. Y., Doc. E 34/219, *General Electric Co.* v. *Electrical & Engineering Corp. et al.*

1,044,468, H. C. Kirk, jr., Thrust bearing, suit filed July 18, 1925, D. C. N. J., Doc. E 1364, *Apco Mfg. Co.* v. *Le Compte Mfg. Co. et al.*

1,071,080, P. C. Oscanyan, Game board, suit filed Aug. 5, 1925, D. C. N. J., Doc. 1411, *Star Ball Player Co.* v. *The Playograph Co.*

1,082,933. (See 1,018,502 (*a*), (*b*), and (*c*).)

1,113,149, E. H. Armstrong, Wireless receiving system, suit filed Feb. 23, 1923, D. C. N. J., Doc. 4104, *Westinghouse Electric Mfg. Co.* v. *Radio Craft Co., Inc., et al.* Interlocutory decree after trial July 12, 1923.

1,145,818, W. L. Sullivan, Ticket-issuing machine, claims held void for lack of invention, bill dismissed Oct. 30, 1925, D. C., S. D. N. Y., Doc. E 25/73, *National Electric Ticket Register Co.* v. *Automatic Ticket Register Corp.*

1,166,742, M. Camagni, Shuttle, suit filed Aug. 28, 1925, D. C. N. J., Doc. E 1429, *M. Camagni* v. *Shambow Shuttle Co.*

1,180,159. (See 1,018,502 (*a*) and (*b*).)

1,181,046, A. J. Tizley, Electric-lamp switch; 1,246,493, G. B. Thomas, Pull socket, suit filed Oct. 29, 1925, D. C. N. J., Doc. E 852, *The Bryant Electric Co.* v. *P. Golatsky* (*Golat Electric Co.*). Consent decree for injunction Oct. 23, 1925.

1,183,694, B. Sutter, Fireproof insulating building material and process of producing same, suit filed Oct. 13, 1925, D. C. N. J., Doc. E 1510, *Zenitherm Co., Inc.*, v. *Craft Stone, Inc.*

1,246,493. (See 1,181,046.)

1,266,672, J. C. Forster, Garnishing tool, suits filed July 27, 1925, D. C. N. J., Doc. E 1400, *J. C. Forster* v. *J. Kelley;* and Doc. E 1401, *J. C. Forster* v. *A. C. Fischer* (*Acme Metal Goods Mfg. Co.*).

1,271,527, M. C. Hopkins, Sound-regenerating machine; 1,271,529, same, Acoustic device, suit filed Sept. 4, 1925, D. C. N. J., Doc. E 1431, *Lektophone Corp.* v. *De Forest Radio Co.*

1,271,529. (See 1,271,527.)

1,273,022, Ashmore & Morgan, jr., Process and device for finishing concrete pavements, consent decree for injunction July 29, 1925, D. C. N. J., Doc. E 1277, *Macon Concrete Roller Co.* v. *Crilly & Cannon Construction Co. et al.;* and Doc. E 1278, *Macon Concrete Roller Co.* v. *Ferber Gill Co. et al.*

1,296,323, J. Sachs, Convertible electric-appliance-receiving box; 1,458,728, same, Electric-appliance-receiving and meter-protecting box or casing, suit filed Sept. 29, 1925, D. C. N. J., Doc. E 1492, *J. Sachs et al.* v. *Federal Steel Products Co.*

1,296,557. (See 892,603.)

1,423,956. (See 1,018,502 (*b*).)

1,423,957. (See 1,018,502 (*b*).)

1458,728. (See 1,296,323.)

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,515,276, G. R. Rich, Tappets, decided December 15, 1925, count 1.

Pat. 1,483,177, J. H. Hunt and J. T. Fitzsimmons, Suction burner, decided December 16, 1925, count 22.

Pat. 1,438,347, R. A. Weagant, Receiving apparatus for radiosignals, decided December 12, 1925, counts 1 to 5, inclusive.

Final decisions in interferences have been rendered against the following trade-marks:

T. M. 31,096, Dried fruits, J. W. Teasdale & Co., St. Louis, Mo. Registered January 4, 1898. Decided November 13, 1925.

T. M. 76,878, Macaroni, spaghetti, vermicelli, noodles, and like alimentary foodstuff, Birmingham Macaroni Co., Birmingham, Ala. Registered February 22, 1910. Decided November 13, 1925.

T. M. 77,933, Cream cheeses, F. B. Lyon Cuba, N. Y. Registered May 17, 1910. Decided November 13, 1925.

T. M. 88,958, Macaroni, vermicelli, and spaghetti, San Antonio Macaroni Factory, San Antonio, Tex. Registered October 29, 1912. Decided November 13, 1925.

T. M. 70,163, Coffee and chicory, Importers Coffee Co., Ltd., New Orleans, La. Registered August 4, 1908. Decided November 2, 1925.

TRADE-MARKS

OFFICIAL GAZETTE, JANUARY 5, 1926.

[VOL. 342. No. 1.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 137,552. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) SORBO RUBBER-SPONGE PRODUCTS LTD., Woking, England. Filed Sept. 23, 1920.

Sorbo

Particular description of goods.—Flesh Gloves, Massage Pads, Crutch Pads, and Truss Pads, All Made of Rubber Sponge.

Claims use since Dec. 6, 1918.

Ser. No. 184,512. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PEDRO and ANTONIO GARCIA MIRA, Espinardo, Murcia, Spain. Filed Aug. 15, 1923.



Particular description of goods.—Red Pepper.

Claims use since June 19, 1902.

Ser. No. 185,517. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KARL GAMMEL, Cleveland, Ohio. Filed Sept. 8, 1923.

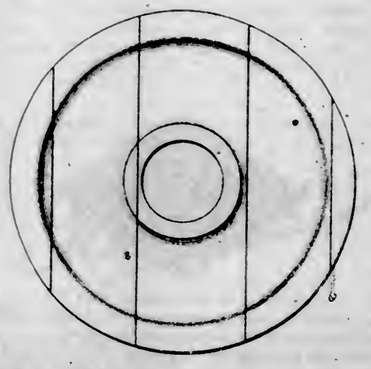
Cream of Apples

No claim is made to the word "Apples" except in association with the other features of the mark.

Particular description of goods.—Fruit Preserves.

Claims use since Aug. 10, 1923.

Ser. No. 191,766. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GENERAL ELECTRIC COMPANY, Schenectady, N. Y. Filed Feb. 4, 1924.



No claim is made to the representation of the goods apart from the mark shown. The trade-mark consists of a symbol or device composed of arbitrarily-placed

parallel lines on the material forming the rider of the article, which lines are relatively narrow and relatively widely spaced.

Particular description of goods.—Nonmetallic Gear Wheels and Gear-Wheel Blanks.

Claims use since September, 1923.

Ser. No. 199,669. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE BERRY GROWERS PACKING CO., Gresham, Oreg. Filed July 7, 1924.

MULTUM

Particular description of goods.—Canned Berries.

Claims use since Sept. 21, 1923.

Ser. No. 200,495. (CLASS 28. JEWELRY AND PRECIOUS METAL WARE.) L. HELLER & SON, INC., New York, N. Y. Filed July 25, 1924.



Trade-mark consists of single metal bead of oval shape applied or affixed to the goods directly by placing the same upon the thread upon which the goods are strung, at or near the end of the string.

Particular description of goods.—Strings of Pearls and Reproductions of Pearls or Imitations Thereof.

Claims use since July 18, 1924.

Ser. No. 200,602. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) AUDUBON WIRE CLOTH COMPANY, Audubon, N. J. Filed July 28, 1924.

AUDUBON



The representation of a section of wire cloth as fabric shown, also the word "Audubon," are hereby disclaimed apart from the other features of the mark.

Particular description of goods.—Wire Cloth of Steel (Galvanized and Tinned), Brass, Copper, Bronze, and Nickel, Brass Milk-Strainer Cloth, Brass Filter Wire Cloth, Wire Guards, and Wire Screens.

Claims use since June, 1916.

Ser. No. 201,273. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPHINE A. WOOD, Los Angeles, Calif. Filed Aug. 11, 1924.

"Ok-Cal-Co."

Particular description of goods.—Liquid Tonic in the Treatment of Diseases From Malaria; Nasal Spraying Solution for the Treatment of Colds, Coughs, Croup, Catarrh, Bronchitis, Tonsilitis, Throat, Lung Trouble, Earache, and Headache; and Liquid Poultry Remedy for the Extermination of Poultry Vermin.

Claims use since July 25, 1924.

Ser. No. 203,478. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) KATHERINE MCCLAIRE, doing business as Ideal Curler Co., Not Inc., Chicago, Ill. Filed Oct. 6, 1924.

IDEAL

Particular description of goods.—Hair Curlers.

Claims use since Apr. 4, 1916.

Ser. No. 203,749. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) JAY J. REKAR, doing business as De Luxe Lamp Mfg. Co., Los Angeles, Calif., assignor to De Luxe Lamp Mfg. Co., Los Angeles, Calif., a Corporation of California. Filed Oct. 11, 1924.

SUPER

Particular description of goods.—Medical and Surgical Lamps.

Claims use since August, 1924.

Ser. No. 203,878. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FARMERS UNION EXCHANGE, Des Moines, Iowa. Filed Oct. 15, 1924.



The words "Des Moines, Iowa" are disclaimed apart from the mark as shown. The vertical lines shown on the drawing indicate red, and the horizontal lines indicate blue.

Particular description of goods.—Wheat Flour.

Claims use since Feb. 1, 1923.

Ser. No. 204,448. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) FRIEDR. HERDER ABR. SOHN, Solingen, Germany. Filed Oct. 27, 1924.



Particular description of goods.—Table Knives and Carvers; Fruit, Butter, and Fish Knives, Paring, Bean, and Kitchen Knives; Gardeners', Pruning, and Inoculating Knives; Knives of All Sorts for Craftsmen, as Shoemakers', Painters', Glaziers', Basket-Makers', Sculpture, Putty, and Cook Knives, Bakers' Knives; and Ham, Meat, and Larding Knives; Chopping Knives With Handle for Meat and Vegetables, Sailor Knives, Cigar Knives, Razors, Pen and Pocket Knives, Hunting, Bowie Knives, and Daggers, Hair and Beard Clippers; Horse, Sheep and Cattle Clippers; Scissors; Edge Tools—Namely, Spatulas (Tools of Painters for Scraping off Colors), Chisels, Tongs, Cheat Openers, Weapons for Cutting and Stabbing, Forks, Spoons, Corkscrews, and Nutcrackers, All Made of Base Metal.

Claims use since 1875.

Ser. No. 204,725. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) ADAM SCHEIDT BREWING CO., Norristown, Pa. Filed Nov. 1, 1924.



The words "Double Stout" are disclaimed apart from the mark shown.

Particular description of goods.—Beverages Made From Malt, Either Intoxicating or Nonintoxicating.

Claims use since Sept. 15, 1924.

Ser. No. 204,832. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PHOENIX FLOUR MILL, Evansville, Ind. Filed Nov. 4, 1924.



FOUR ROSES

Particular description of goods.—Wheat Flour and Self-Rising Flour.

Claims use since December, 1922.

Ser. No. 204,848. (CLASS 39. CLOTHING.) GUSSIE J. ALLEN, Oakland, Calif. Filed Nov. 5, 1924.



Particular description of goods.—Infants', Children's, and Misses' Apparel—Namely, Abdominal Bands, Aprons, Baby Buntings, Bands, Bibs, Bloomers, Blouses, Booties, Capes, Caps, Coats, Creepers, Drawers, Dresses, Ear Conformers (Caps With Ear Tabs), Garters, Gowns, Hats, Hose and Socks, Leggings (Textile Fabric), Middies, Mittens (Fabric and Leather), Play Suits, Princess Slips, Robes, Rompers; Sets, Knit—Sweater, Leggings, and Toque; Sets, Knit—Sacks, Booties, and Toque; Sacks, Shoes (Leather, Fabric, or Combination), Shirts, Skull Caps, Sunbonnets, Sweaters, Tams, Toques, Underwaists, Underwear (Knitted and Textile Fabric), Wash Suits (Knitted and Textile Fabric).

Claims use since October, 1922.

Ser. No. 205,113. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROSARIO DUPREZ, New York, N. Y. Filed Nov. 11, 1924.

Rosario

Particular description of goods.—Face Powders, Beauty Creams, Rouge in both Liquid and Paste Forms, Skin-Cleansing Creams and Ointments, Muscle Oil, Oriental Kohl for the Eyes, Scalp Ointment, and Skin Tonic.

Claims use since July 17, 1923.

Ser. No. 205,628. (CLASS 39. CLOTHING.) THE BEDELL COMPANY, New York, N. Y. Filed Nov. 21, 1924.

Bellco

Particular description of goods.—Caps, Undergarments, Robes, Bath Robes, Breakfast Coats, Negligees, Pyjamas, Brassières, Slips, Kimonos, Dressing Sacks, Petticoats, Sweaters, and Knitted Garments for Women and Children.

Claims use since about Oct. 30, 1924.

Ser. No. 205,962. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. R. SQUIBB & SONS, New York, N. Y. Filed Nov. 28, 1924.

Cream of Magnesia

Particular description of goods.—Aqueous Suspension of Magnesium Hydroxide for Medicinal and Oral Antacid Purposes.
Claims use since Oct. 17, 1924.

Ser. No. 206,084. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RA-DIX CO., Jersey City, N. J. Filed Dec. 1, 1924.

RA-DIX

Particular description of goods.—Soldering Solution.
Claims use since Oct. 9, 1924.

Ser. No. 207,279. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANDREW WILSON, INCORPORATED, Springfield, N. J. Filed Dec. 26, 1924.

AWINC

Trade-mark "Awinc."
Particular description of goods.—Insecticides.
Claims use since May, 1918.

Ser. No. 207,311. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) H. M. NEWHALL & CO., San Francisco, Calif. Filed Dec. 27, 1924.

Newhall Quality

The word "Newhall" as shown on the drawing is a facsimile signature of one of the members of the firm. Applicant disclaims the exclusive right to the use of the word "Quality" apart from the mark as shown on the drawing.

Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Fish, Dried Vegetables, Salt Fish, Tomato Paste, Canned Evaporated Milk.
Claims use since Oct. 7, 1919.

Ser. No. 207,413. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) STEWART-WARNER RADIO COMPANY, Bronx, N. Y. Filed Dec. 29, 1924.

STEWART WARNER RADIO CO.

Without waiving any common-law rights, no claim is made to applicant's name apart from the mark shown on the drawing.
Particular description of goods.—Complete Radio Receiving Sets, Detector Units, Crystal Detectors and Crystals, Couplers, Coils, Audio and Radio Frequency Transformers, Head Phones, Loud Speakers, Dials, Switches, Switch Points, Fixed and Variable Leaks, Fixed and Variable Condensers, Sockets, Plugs, Jacks, Rheostats, Potentiometers, Insulators, Bushings, Panels, Binding Posts, Flexible Electric Wire, Bus Wire, Radio Kits, Electric Soldering Irons, Base Boards.
Claims use since Dec. 22, 1924.

Ser. No. 207,427. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STEPHEN F. WHITMAN & SON, INC., Philadelphia, Pa. Filed Dec. 29, 1924.

FLASH

Particular description of goods.—Candy.
Claims use since March, 1921.

Ser. No. 209,406. (CLASS 39. CLOTHING.) HECHT & BERMAN, New York, N. Y. Filed Feb. 11, 1925.

Devonshire Club
New York Creations for the CollegeMiss

No claim is made to the exclusive use of the words "Devonshire, New York, Creations for the College Miss" apart from the mark as shown in the drawing.

Particular description of goods.—Clothing Made of Wool and Silks—viz, Coats, Suits, Dresses, Capes, and Wraps for Misses and Juniors.
Claims use since Dec. 15, 1923.

Ser. No. 209,917. (CLASS 39. CLOTHING.) HALL, HARTWELL & CO. INC., Troy, N. Y. Filed Feb. 20, 1925.

NEWDEPARTURE

Particular description of goods.—Collars and Dress, Negligee, and Work Shirts.
Claims use since about Dec. 1, 1924.

Ser. No. 210,226. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) L. E. DECKARD, doing business as L. E. Deckard Co., Covington, Ky. Filed Feb. 27, 1925.

LOG CABIN

Particular description of goods.—Canned Soup.
Claims use since Feb. 25, 1925.

Ser. No. 210,897. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis. Filed Mar. 12, 1925.

DOUBLE-BLUE-PENNANT

Particular description of goods.—Vehicle Tires Made Wholly or Partly of Rubber.
Claims use since Aug. 27, 1924.

Ser. No. 212,652. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MORTON F. STERN, New York, N. Y. Filed Apr. 13, 1925.

EMISS FABRICS

No claim is made for the exclusive use of the word "Fabrics" apart from the mark shown.
Particular description of goods.—Cotton Fabrics in the Piece.
Claims use since Feb. 6, 1925.

Ser. No. 212,806. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HANCE BROTHERS & WHITE, INC., Philadelphia, Pa. Filed Apr. 16, 1925. Under ten-year proviso.

Antiseptol

Particular description of goods.—Antiseptic Solution for the Treatment of Affections of the Nose and Throat and for Defective Hearing.
Claims use since 1894.

Ser. No. 212,807. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HANCE BROTHERS & WHITE, INC., Philadelphia, Pa. Filed Apr. 16, 1925.

THROATOLS

Particular description of goods.—Bronchial Pastils.
Claims use since July 1, 1924.

Ser. No. 213,410. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) SUPER MAID COOK-WARE CORPORATION, Chicago, Ill. Filed Apr. 27, 1925.

SUPER MAID COOK-WARE

The word "Cook-Ware" appearing in the mark is disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Cooking Utensils Including Triplicate Sets, Teakettles, Waffle Molds, Coffeepots and Stands, Fry Pans, Casseroles, Double Fry Pans, Preserving Kettles, Roasters, Combination Self-Basting Roasters, Saucepans, Combination Griddles and Broilers, and Teapots.
Claims use since July 10, 1924.

Ser. No. 213,653. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KING MIDAS MILL COMPANY, Hastings and Minneapolis, Minn. Filed May 1, 1925.

WHITE OAK

The trade-mark is shown in red letters inclosed with a blue outline.
Particular description of goods.—Rye Flour and Wheat Flour.
Claims use since Oct. 1, 1924.

Ser. No. 213,654. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KING MIDAS MILL COMPANY, Hastings and Minneapolis, Minn. Filed May 1, 1925.

WHITE OAK SPECIAL

No claim is made to the word "Special" except as shown on the drawing. The trade-mark is shown with red letters.

Particular description of goods.—Rye Flour and Wheat Flour.

Claims use since Oct. 1, 1924.

Ser. No. 213,770. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MENO CHRISTNER, Iowa Falls, Iowa. Filed May 4, 1925.

Christner's

No claim is made to the word "Christner's" apart from the mark as shown.

Particular description of goods.—Salve for the Treatment of Cuts, Bruises, Burns, Blisters, Sore Throat, Frostbite, Boils, Sores of All Kinds, and Fistula Cure.

Claims use since Aug. 15, 1924.

Ser. No. 213,790. (CLASS 13. HARDWARE, AND PLUMBING AND STEAM-FITTING SUPPLIES.) LINK-BELT COMPANY, Chicago, Ill. Filed May 4, 1925.

RIVETLESS

No claim is made to the word "Rivetless" apart from the particular association shown.

Particular description of goods.—Chains.

Claims use since about Nov. 1, 1924.

Ser. No. 213,792. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) LINK-BELT COMPANY, Chicago, Ill. Filed May 4, 1925.

SS +

Particular description of goods.—Chains.

Claims use since about June 1, 1923.

Ser. No. 214,145. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE J. FAESSLER MFG. CO., Moberly, Mo. Filed May 11, 1925.

BOSS

Particular description of goods.—Flue Expanders for Steam Boilers.

Claims use since about Jan. 16, 1893.

Ser. No. 214,147. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE J. FAESSLER MFG. CO., Moberly, Mo. Filed May 11, 1925. Under ten-year proviso.

FAESSLER

Particular description of goods.—Boiler-Tube Flangers, Boiler-Tube Expanders, Boiler-Tube Cutters, Reamers, Boiler-Flue Beaders, Scale Removers, Expander Mandrels, Flue-Expander Rollers, and Mandrel Extractors.

Claims use since about Jan. 15, 1882.

Ser. No. 215,132. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) MAURICE BRITZ, Chicago, Ill. Filed June 1, 1925.

NIFTY

Particular description of goods.—Pocket Vanity Case and Hand Brushes.

Claims use since Dec. 15, 1924.

Ser. No. 215,707. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CARL E. RHODES, Maurertown, Va. Filed June 12, 1925.

BONUS FLAVOR



No claim is made to the word "Flavor" apart from the mark shown in the drawing. The portrait shown is merely fanciful.

Particular description of goods.—Fresh Apples.

Claims use since October, 1924.

Ser. No. 216,046. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) THE ISBELL-KENT-OAKES DRY GOODS COMPANY, Denver, Colo. Filed June 19, 1925.



Applicant disclaims the exclusive right to the use of the words "Brand" and "Trade-Mark" apart from the mark shown.

Particular description of goods.—Narrow Elastic and Ribbon in Short Lengths and Made Up in Bows.

Claims use since Mar. 1, 1925.

Ser. No. 216,089. (CLASS 38. PRINTS AND PUBLICATIONS.) CORTE PUBLISHING COMPANY, New York, N. Y., assignors to Dell Publishing Company, New York, N. Y., a Corporation of New York. Filed June 20, 1925.

TRUE Marriage STORIES

Particular description of goods.—Magazine Published Monthly.

Claims use since Apr. 17, 1925.

Ser. No. 216,105. (CLASS 15. OILS AND GREASES.) FRANK G. JONES, doing business as The Ohio Valley Oil Co., East Liverpool, Ohio. Filed June 20, 1925.

SUPER-FLASH GASOLINE

No claim is made to the word "Gasoline" apart from the mark shown.

Particular description of goods.—Gasoline and Motor Oils.

Claims use since Oct. 15, 1924.

Ser. No. 216,483. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LENORA L. SCHAEFER, Chicago, Ill. Filed June 26, 1925.

LS

Particular description of goods.—Massage Cream, Face Powder: Whitener for Neck, Arms, and Hands; Hair Tonic, Hair Ointment, Skin Astringent, and Hand Lotion.

Claims use since 1912.

Ser. No. 216,505. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) CHINATYLE CORP., New York, N. Y. Filed June 27, 1925.

Chinatyle

Particular description of goods.—Soap Dishes, Sponge Holders, Toilet-Paper Holders, Towel Bars, Glass Shelves, Doorstops, Grab Rails, Bottle Holders, Tumbler Holders, Soap Holders, Soap or Tumbler Holders, Grab Bars, Toothbrush Holders, Strop Hooks, Robe Hooks, and Shelf Combinations and Brackets and Combination Soap Holders and Grab Bars.

Claims use since about May 25, 1925.

Ser. No. 216,615. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LEWIS, HUBBARD AND COMPANY, Charleston, W. Va. Filed June 29, 1925.

Conquest

Particular description of goods.—Canned Fruits, Canned Vegetables, Spices, Dried Beans, Coffee, Rice, Canned Pork and Beans, and Hominy.

Claims use since Feb. 19, 1923 on coffee, rice, spices, and dried beans; since Sept. 1, 1924, on vegetables, pork and beans, and hominy; and since June 15, 1925, on fruits.

Ser. No. 216,677. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) JOHAN EMIL HILLEBRANDT, West Brighton, N. Y. Filed June 30, 1925.

HILLEPHONE

Particular description of goods.—Violins, Mandolins, Guitars, and Banjos, and a Musical Instrument in the Nature of a Violin with Trumpet Body Known as a Hillephone.

Claims use since Mar. 1, 1925.

Ser. No. 217,024. (CLASS 39. CLOTHING.) THE H. W. GOSSARD CO., Chicago, Ill. Filed July 8, 1925.

GOSSARD COMPLETE

No claim is made to the word "Gossard" apart from the mark shown in the drawing.

Particular description of goods.—Corsets and Brassières.

Claims use since Nov. 29, 1924.

Ser. No. 217,124. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) WIZARD LIGHTFOOT APPLIANCE COMPANY, St. Louis, Mo. Filed July 9, 1925.

Wizard LIGHTFOOT

Particular description of goods.—Corn Pads, Rubber Heel Liners, and Rubber Bunion Shields.

Claims use since Jan. 1, 1923.

Ser. No. 217,291. (CLASS 39. CLOTHING.) PEDOX PRODUX INC., New York, N. Y. Filed July 13, 1925.

PEDOX

Particular description of goods.—Men's and Women's Boots, Shoes, and Slippers Made of Leather, Fabric, and Combinations Thereof; Shoe Heels and Hosiery, Top Lifts, Heel Grips, and Insoles.

Claims use since about Oct. 1, 1924, as to top lifts and heel grips; since Apr. 6, 1925, as to insoles; and since about July 7, 1925, on other goods enumerated.

Ser. No. 217,363. (CLASS 39. CLOTHING.) SYDNEY M. PICK, New York, N. Y. Filed July 14, 1925.

ULTRA SMART

Particular description of goods.—Hosiery.

Claims use since June 29, 1925.

Ser. No. 217,469. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE LA VALLIERE CO., New Orleans, La. Filed July 16, 1925.

RAINBOW

The trade-mark as presented is lined to indicate the color red.

Particular description of goods.—Face Powders, Face Creams, Face Packs, Perfumes, Toilet Waters, Rouges, Lip Sticks, Hair Tonics, Hair Oils, Dentifrices, Tooth Powder, Nail Polishes, Deordorizing Preparations, Talcum Powders, and Sachets.

Claims use since January, 1921.

Ser. No. 217,604. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) HENRY M. BOEHM, doing business as Boehm Decorating Co., Minneapolis, Minn. Filed July 20, 1925.

SAFESNO

No claim is made to the words "Trade-Mark" apart from the mark as shown in the drawing.

Particular description of goods.—Imitation Snow for Decorative Purposes.

Claims use since July 16, 1925.

Ser. No. 217,655. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) ALLBESTOS CORPORATION, Philadelphia, Pa. Filed July 21, 1925.



The trade-mark consists in the color red arbitrarily applied to the edges of the brake lining. No claim is made to the representation of the section of brake lining on which the mark is shown.

Particular description of goods.—Brake Linings.

Claims use since June 26, 1924.

Ser. No. 217,759. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) COOS BAY CHEMICAL CO., Marshfield, Oreg. Filed July 23, 1925.

HI-DU

Particular description of goods.—Automobile and Furniture Polishes.

Claims use since Feb. 1, 1925.

Ser. No. 217,909. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) WOODWARD WAGNER COMPANY, Philadelphia, Pa. Filed July 25, 1925.



Trade-mark consists of a black stripe arbitrarily placed in the body of the article. No claim is made to the representation of the article.

Particular description of goods.—Bib and Faucet Washers.

Claims use since about May 21, 1925.

Ser. No. 218,060. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) H. G. HILL STORES, INC., New Orleans, La. Filed July 29, 1925.

VELVA

Particular description of goods.—Butter.

Claims use since May 13, 1924.

Ser. No. 218,108. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) R. E. ELKS, Jr., Goldsboro, N. C. Filed July 30, 1925.

ELKS PILE SALVE
MFG. BY
R. E. ELKS JR.
Goldsboro, N.C.

No claim is made to the wording apart from the mark shown.

Particular description of goods.—Pile Salve.

Claims use since Jan. 10, 1925.

Ser. No. 218,490. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HYDE MANUFACTURING COMPANY, Southbridge, Mass. Filed Aug. 6, 1925. Under ten-year proviso.

I. P. HYDE

Particular description of goods.—Table Knives, Table Forks, Table Spoons, Knife Blades, Extension Blades, Blade Handles, Extension-Blade Handles, Shaves, Leather-Cutting Knives, Cobblers' Knives, Shoe Tools, Mechanics' Knives, Knives Used in Trades, Tire Knives, Vulcanizers' Knives, Tire Probes, Bead-Trimming Knives, V-Trimming Knives, Mill Knives, Turn-Over Knives, Lathe Knives, Lathe-Knife Blades, Ring-Knife Blades, Calendar-Knife Blades, Hand-Cutting-Knife Blades, Circular Knives, Trimming Knives, Broom Pounders, Broom Needles; Household Cutlery and Tools, Including Kitchen Knives and Carving Knives, Bread Knives, Steak Knives, Grapefruit Knives, Lemon Knives, Orange Knives, Paring Knives, Fruit Knives, Slicers, Cake Turners, and Spatulas; Butchers' Tools Including Cleavers and Butchers' Steels, Corset Cutters, Collar Cutters, Cuff Cutters, Shirt Cutters, Boning Knives, Candy Knives, Cheese Knives, Chicken-Killing Knives, Cooks' Knives, Dough Knives, Fish Knives, Pie Knives, Pastry Knives, Ripping Knives, Serrated-Edge Knives, Skinning Knives, Slicing Knives, Sticking Knives, Splitting Knives, Banana Knives, Bakers' Knives, Sloyd Knives, Painters' Knives, Putty Knives, Paint and Wood Scrapers, Budding Knives, Broom Knives, Broomcorn Knives, Cap-Makers' Knives, Cigar Knives, Cloth Knives, Collar Knives, Cotton-Sampling Knives, Feather Knives, Furriers' Knives, Glazers' Knives, Linoleum Knives, Palette Knives, Pattern-Makers' Knives, Pruning Knives, Tobacco Knives, Bookbinders' Knives, and Glass-Workers' Knives, All of the Foregoing Being of Base Metal.

Claims use since Dec. 6, 1875.

Ser. No. 218,560. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. KADE'S MEDIZINISCH-PHARMAZEUTISCHES FABRIKATIONS- & EXPORTGESCHÄFT DR. FRANZ LUTZE, Berlin, Germany. Filed Aug. 8, 1925.

Posterisan

Particular description of goods.—Preparation for the Treatment of Piles.

Claims use since Nov. 10, 1922.

Ser. No. 218,583. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE SWEETS COMPANY OF AMERICA, INCORPORATED, New York, N. Y. Filed Aug. 8, 1925.



Applicant disclaims exclusive right to the use of the words "Butterscotch" and "Rolls," the representation of a label, and the color lining appearing upon the drawing apart from the mark as shown.

Particular description of goods.—Candy.

Claims use since July 10, 1925.

Ser. No. 218,592. (CLASS 39. CLOTHING.) MARY E. BENDELARI, Paris, France. Filed Aug. 10, 1925.

SANDALARI

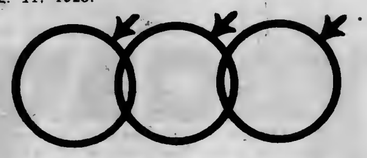
Particular description of goods.—Men's and Women's Shoes and Slippers Made of Leather, Fabric, and Raffia, and Combinations Thereof.
Claims use since May 1, 1924.

Ser. No. 218,689. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) DUPLEX CONDENSER & RADIO CORPORATION, Brooklyn, N. Y. Filed Aug. 11, 1925.

DUPLEX

Particular description of goods.—Condensers.
Claims use since Apr. 10, 1925.

Ser. No. 218,690. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) DUPLEX CONDENSER & RADIO CORPORATION, Brooklyn, N. Y. Filed Aug. 11, 1925.



Particular description of goods.—Condensers.
Claims use since Apr. 10, 1925.

Ser. No. 218,691. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) CHARLES WESTMORE ELLIS, Haberfield, Sydney, New South Wales, Australia. Filed Aug. 11, 1925.

"HOLDU"



Particular description of goods.—Metal Plates for Supporting the Heels of Footwear.
Claims use since January, 1920.

Ser. No. 218,727. (CLASS 39. CLOTHING.) BERKLEY KNITTING COMPANY, Philadelphia, Pa. Filed Aug. 12, 1925.

BERKCO GOLF HOSE KNIT

No claim is made to the exclusive use of the words "Golf Hose Knit" or to the representation of hose apart from the mark as shown in the drawing.
Particular description of goods.—Golf Hose.
Claims use since June 24, 1925.

Ser. No. 218,822. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) J. WATSON MORSE, doing business as Morseal Roof Paint Company, Washington, D. C. Filed Aug. 13, 1925.

MORSEAL ROOF PAINT

No claim is made for the words "Roof Paint Stops Leaks" apart from "Morseal" and its characteristic appearance.
Particular description of goods.—Roof Paint.
Claims use since July 31, 1925.

Ser. No. 218,850. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GARDCO PAINT PRODUCTS COMPANY, Chicago, Ill. Filed Aug. 14, 1925.

PRECO

Applicant disclaims the words "Prevents Corrosion" apart from the mark as shown in the drawing.
Particular description of goods.—Metal Paint.
Claims use since Mar. 15, 1925.

Ser. No. 218,902. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed Aug. 15, 1925.



Exclusive use of all wording with the exception of "Rinforzante Dello Stomaco del Dott. Pietro," "Dr. Peter's Rinforzante Dello Stomaco or Stomach Vigor," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" being disclaimed apart from the other features of the mark.
Particular description of goods.—Preparation for Acute, Relaxed, and Disturbed Conditions of the Stomach and Bowels.
Claims use since the year 1893.

Ser. No. 218,903. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed Aug. 15, 1925.



Exclusive use of all wording with the exception of Farnf's Magen-Stärker," "Farnf's Magen-Stärker or Stomach Vigor," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" being disclaimed apart from the other features of the mark.
Particular description of goods.—Preparation for Acute, Relaxed, and Disturbed Conditions of the Stomach and Bowels.
Claims use since on or about May 16, 1888.

Ser. No. 218,904. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed Aug. 15, 1925.



The exclusive use of all wording with the exception of "Dr. Peter's Mave-Vigori," "Dr. Peter's Mag-Vigori or Stomach Vigor," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" being disclaimed apart from the other features of the mark.
Particular description of goods.—Preparation for Acute, Relaxed, and Disturbed Conditions of the Stomach and Bowels.
Claims use since on or about May 16, 1888.

Ser. No. 218,905. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed Aug. 15, 1925.



The exclusive use of all wording with the exception of "Magolo du Dr. Pierre," "Dr. Peter's Magolo or Stomach Vigor," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" being disclaimed apart from the other features of the mark.
Particular description of goods.—Preparation for Acute, Relaxed, and Disturbed Conditions of the Stomach and Bowels.
Claims use since Feb. 2, 1914.

Ser. No. 218,906. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed Aug. 15, 1925.



The exclusive use of all the wording with the exception of "Dra. Piotra Lek Zoladkowy," "Dr. Peter's Lek Zoladkowy or Stomach Vigor," and the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" being disclaimed apart from the other features of the mark.

Particular description of goods.—Preparation for Acute, Relaxed, and Disturbed Conditions of the Stomach and Bowels.

Claims use since year 1893.

Ser. No. 218,907. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed Aug. 15, 1925.



The exclusive use of all wording with the exception of "Dr. Peter's Maagversterker," "Dr. Peter's Maagversterker or Stomach Vigor," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" being disclaimed apart from the other features of the mark.

Particular description of goods.—Preparation for Acute, Relaxed, and Disturbed Conditions of the Stomach and Bowels.

Claims use since January, 1895.

Ser. No. 218,908. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed Aug. 15, 1925.



Exclusive use of all wording with the exception of "Dr. Peter's Stomach Vigor" the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" being disclaimed apart from the other features of the mark.

Particular description of goods.—Preparation for Acute, Relaxed, and Disturbed Conditions of the Stomach and Bowels.

Claims use since 1893.

Ser. No. 218,909. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed Aug. 15, 1925.



The exclusive use of all wording with the exception of "Dra Petra Zaludecni Silitel," "Dr. Peter's Zaludecni Silitel or Stomach Vigor," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" being disclaimed apart from the other features of the mark.

Particular description of goods.—Preparation for Acute, Relaxed, and Disturbed Conditions of the Stomach and Bowels.

Claims use since 1894.

Ser. No. 218,940. (CLASS 39. CLOTHING.) LOUIS ABRAMOWITZ, doing business as Betty Louise Dress Co., New York, N. Y. Filed Aug. 17, 1925.



No claim is made to the words "New York" apart from the mark shown on the drawing. The portrait is merely fanciful.

Particular description of goods.—Ladies' Dresses and Frocks.

Claims use since January, 1925.

Ser. No. 219,017. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SUTTER CO-OPERATIVE GROWERS, San Francisco, Calif. Filed Aug. 17, 1925.

WORLDWIDE

Particular description of goods.—Canned Fruits—Namely, Canned Peaches.

Claims use since May 1, 1925.

Ser. No. 219,217. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) BERLINER KUGELLAGER-FABRIK, G. M. B. H., A. RIBBE, Berlin-Wittenau, Germany. Filed Aug. 22, 1925.

B K F

Particular description of goods.—Ball Bearings, Roller Bearings, Casings for Said Bearings, Attachments for Said Bearings, Balls, Rollers, Naves, Hubs, and Spinning Spindles.

Claims use since 1906.

Ser. No. 219,322. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BLISS SYRUP REFINING CO., Kansas City, Mo. Filed Aug. 25, 1925.

DAINTY LUNCH

Particular description of goods.—Jams, Jellies, Table Sirups and Honey, and Fruit Preserves.

Claims use since June, 1913.

Ser. No. 219,979. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ERNI M. MORTON, doing business as Morton Drug Co., Centertown, Ky. Filed Sept. 8, 1925.

BI-MA-PEPSIN

No claim is made to the word "Pepsin" apart from the mark shown.

Particular description of goods.—Formula Containing Pepsin and Other Medicines Designed to Act as an Antacid and Digestant for the Stomach.

Claims use since Aug. 1, 1925.

Ser. No. 220,037. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) "PROKA PARFUMERIE- UND SEIFENFABRIKS A. G., Vienna, Austria. Filed Sept. 9, 1925.

ROYALE BOUVARDIA
PROKA, WIEN

The word "Wien" appearing on the drawing is disclaimed.

Particular description of goods.—Cosmetics—Namely, Pastes, Toilet Powder, Toilet Preparations for Beautifying and Preserving the Skin, Teeth, and Hair; Perfumery, and Additions to Water for Baths.

Claims use since Apr. 1, 1924.

Ser. No. 220,118. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FIRST NATIONAL LABORATORIES, INC., Lehighton, Pa. Filed Sept. 11, 1925.

ROYAL PURPLE

Particular description of goods.—Medicinal Preparation in Pill and Capsule Form for the Treatment of Delayed Menstruation and for the Treatment and Relief of Painful Menses and to Relieve Burning and Chafing.

Claims use since Apr. 25, 1924.

Ser. No. 220,237. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRITZ KAMPFENKEL, Berlin, Germany. Filed Sept. 14, 1925.



All wording is disclaimed on drawing with the exception of "Fricol."

Particular description of goods.—Liniment for Horses.

Claims use since December, 1912.

Ser. No. 220,289. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE B. F. GOODRICH COMPANY, New York, N. Y. Filed Sept. 15, 1925.



No claim is made to the exclusive use of the representation of a section of hose apart from the trade-mark as described. The mark consists of a straight band of red upon the exterior of the hose, in width about one-fifth the diameter of the hose, running longitudinally thereof, as shown in the drawing.

Particular description of goods.—Rubber-Covered Hose.

Claims use since April, 1915.

Ser. No. 220,403. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE B. F. GOODRICH COMPANY, New York, N. Y. Filed Sept. 18, 1925.



No claim is made to the exclusive use of the representation of a section of hose apart from the trade-mark as described. The mark consists of a helical band of red disposed helically at a pitch of about 45% upon the exterior of the hose, the band being in width about one-fifth the diameter of the hose, as shown in the accompanying drawing.

Particular description of goods.—Rubber-Covered Hose.

Claims use since about April, 1915.

Ser. No. 220,464. (CLASS 11. INKS AND INKING MATERIALS.) QUEEN RIBBON & CARBON CO., New York, N. Y. Filed Sept. 19, 1925.



No claim is made to the words shown in the drawing except the word "Queen" apart from the mark shown.

Particular description of goods.—Typewriter Ribbons and Carbon Papers.

Claims use since 1920.

Ser. No. 220,710. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MANUEL FELDMAN COMPANY, INC., New York, N. Y. Filed Sept. 24, 1925.



TRADE MARK

No claim is made to the words "Trade-Mark" appearing in the drawing apart from the mark shown.

Particular description of goods.—Textile and Grass Rugs and Mats.

Claims use since August, 1925.

Ser. No. 220,753. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THOMAS M. AMENDOLA, doing business as T. M. Amendola & Co., Brawley, Calif. Filed Sept. 25, 1925.

DESERT GOLD

Particular description of goods.—Melons—Namely, Fresh Cantaloupes; Lettuce, and Peas.

Claims use since July, 1915.

Ser. No. 220,935. (CLASS 39. CLOTHING.) AULT-WILLIAMSON SHOE COMPANY, Auburn, Me. Filed Sept. 29, 1925.

CONSTANT AW STYLE

Particular description of goods.—Women's Boots, Shoes, and Slippers Made Wholly or in Part of Leather and Fabrics.

Claims use since Jan. 1, 1925.

Ser. No. 220,988. (CLASS 45. BEVERAGES, NONALCOHOLIC.) CANADIAN CLUB CORPORATION, Boston, Mass. Filed Sept. 29, 1925. Under ten-year proviso.

CANADIAN



Particular description of goods.—Nonalcoholic, Malt-less Beverages and Sirups, Extracts, and Emulsions for Making the Same.

Claims use since Jan. 1, 1891.

Ser. No. 221,024. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LOU C. NIESLE, New York, N. Y. Filed Sept. 30, 1925.



Particular description of goods.—Evaporated Mixture of Cocoa, Milk, and Sugar.

Claims use since June 10, 1920.

Ser. No. 221,040. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WELCH, HOLME & CLARK COMPANY, Newark, N. J., and New York, N. Y. Filed Sept. 30, 1925.



The descriptive words "Cooking Oil" and applicant's name and address are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Cottonseed Oil Used as a Cooking Oil.

Claims use since May 5, 1925.

Ser. No. 221,063. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HERBILINE ROSETTE MFG. CO., Marianna, Fla. Filed Oct. 1, 1925.

HR

The drawing is lined for the color red.

Particular description of goods.—Compound for the Treatment of Diseases of Female Organs.

Claims use since Aug. 1, 1925.

Ser. No. 221,139. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SMITH-McCORD-TOWNSEND DRY GOODS COMPANY, Kansas City, Mo. Filed Oct. 2, 1925.

WESTGATE

Particular description of goods.—Sheeting, Sheets, Pillowcases, and Pillow Tubing.

Claims use since Apr. 24, 1925.

Ser. No. 221,207. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALEX. SAVAS, Milwaukee, Wis. Filed Oct. 3, 1925.



The word "Remedy" appearing on the drawing is disclaimed apart from the mark shown.

Particular description of goods.—Eye Lotion and Salve.

Claims use since Feb. 5, 1925.

Ser. No. 221,232. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) BRANT & NIELSEN, Milwaukee, Wis. Filed Oct. 5, 1925.

Statite

Particular description of goods.—Puttylike Calking Cement.

Claims use since November, 1924.

Ser. No. 221,256. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES HEWITT & SONS COMPANY, Des Moines, Iowa. Filed Oct. 5, 1925.

STRONG-HEART

Particular description of goods.—Canned Vegetables—Namely, Lima Beans, String and Wax Beans, Pork and Beans, Peas, Kidney Beans, Sauerkraut, Spinach, Tomatoes, Condensed Tomatoes, Asparagus, Beets, Carrots, Corn, Hominy, Pumpkins, Sweet Potatoes, Onions, Pimento, Succotash; Canned Fruits—Namely, Apricots, Blackberries, Cherries, Grapes, Loganberries, Pears, Peaches, Plums, Pineapple, Grapefruit, Red Raspberries, Strawberries; Fruit Jams—Namely, Apricot, Blueberry, Blackberry, Cherry, Gooseberry, Loganberry, Pear, Plum, Pineapple, Raspberry, Strawberry, Quince, Pineapple-Apricot, Raspberry-Strawberry; Fruit Jellies—Namely, Currant, Grape, Quince, Raspberry, Strawberry, Apple, Plum, Crab Apple; Dried Fruit—Namely, Raisins; Canned Tomato Soup; Canned Sea Food—Namely, Lobsters, Salmon, Sardines, Shrimp, Tunny; Mustard, Cinnamon, Food Sirup, Salad Dressing, Chili Sauce, Catchup, Coffee, Peanut Butter, Nut Meats in Their Natural State, Vinegar, Plum Pudding, Apple Butter, Olives, Pickles, Chile Con Carne, and Canned Fruits for Salad.

Claims use since about 1907.

Ser. No. 221,305. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CROMPTON & KNOWLES LOOM WORKS, Worcester, Mass. Filed Oct. 6, 1925.



The lining shown in the drawing indicates shading only. Exclusive use of the words "Crompton & Knowles Loom Works, Worcester, Mass., U. S. A." and "A Loom for Every Woven Fabric" is claimed only in connection with the mark as shown.

Particular description of goods.—Looms and Loom Accessories, Such as Back Rolls, Beam Racks, Belt Hooks, Bobbins, Box Motions, Center Stop Motions, Change Gears, Comb Motions, Control Boxes, Creels, Cylinder Motions, Dobbies, Dobby Pegs, Drop Wires, Feeler Motions, Friction Drums, Friction Levers, Friction Stands, Harness Cords, Harness Frames, Harness Straps, Heddles, Independent Windows, Jacquards, Jacquard Indicators, Cam Shafts, Leno Motions, Lug Straps, Magazines, Measuring Motions, Mechanical Detectors, Motors, Motor Drives, Multipliers, Needle Detectors, Needle Motions, Pedestals, Pickers, Picker Sticks, Pick Counters, Picking Motions, Pinions, Printing Drums, Pull-Down Springs, Quillers, Ratchet Gears, Reeds, Reed Sticks, Selvage Motions, Setting Frames, Shuttles, Shuttle Changers, Shuttle Placets, Shuttle Straps, Shearing Motions, Spindles, Spools, Springs, Spring Jacks, Take-Up Motions, Thick and Thin Place Preventers, Temples, Tension Dressers, Terry Motions, Thread Cutters, Twill Harness Motions, Warp Stop Motions, Warpers, Weavers' Seats, Weights, Winders, Winding-Off Rolls, and Wire Motions.

Claims use since Sept. 16, 1925.

Ser. No. 221,368. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) KEMP-BOOTH COMPANY LIMITED, Seattle, Wash. Filed Oct. 7, 1925.



The representation of the goods is disclaimed.

Particular description of goods.—Woolen Goods in the Piece.

Claims use since on or about Aug. 18, 1925.

Ser. No. 221,370. (CLASS 42, KNITTED, NETTED, AND TEXTILE FABRICS.) KEMP-BOOTH COMPANY LIMITED, Seattle, Wash. Filed Oct. 7, 1925.



Applicant disclaims registration rights in the words "Distinguished Woolens" apart from the mark as shown.

Particular description of goods.—Woolen Goods in the Piece.

Claims use since Feb. 1, 1923.

Ser. No. 221,375. (CLASS 41. CANES, PARASOLS, AND UMBRELLAS.) POLAN KATZ & COMPANY, Baltimore, Md. Filed Oct. 7, 1925.

Auto-brella

Particular description of goods.—Umbrellas with Cases Therefor.

Claims use since Sept. 1, 1925.

Ser. No. 221,380. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) REISCH FOOD PRODUCTS COMPANY, Springfield, Ill. Filed Oct. 7, 1925.

Hercules



Particular description of goods.—Hopped Malt Extract, Malt Extract, and Malt Sirup.

Claims use since Feb. 15, 1909.

Ser. No. 221,381. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) REISCH FOOD PRODUCTS COMPANY, Springfield, Ill. Filed Oct. 7, 1925.



The lines of trade-mark drawing are for shading only.

Particular description of goods.—Hopped Malt Extract, Malt Extract, and Malt Sirup.

Claims use since Jan. 1, 1903.

Ser. No. 221,407. (CLASS 39. CLOTHING.) CARLTON MILLS, INC., New York, N. Y. Filed Oct. 8, 1925.



Particular description of goods.—Men's and Boys' Collars, Pyjamas, Nightrobes, Underwear of Textile Fabric, and Shirts—Namely, Dress, Negligee, and Work Shirts.

Claims use since Sept. 1, 1925.

Ser. No. 221,416. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE GOLDSTEIN, doing business as Standard Food Products Co., and also as Sterling Supply Company, Brooklyn, N. Y. Filed Oct. 8, 1925.

STAFCO

Particular description of goods.—Malt Sirup for Cooking Purposes.

Claims use since about July 24, 1925.

Ser. No. 221,526. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) I. A. WYNER & CO., INC., New York, N. Y. Filed Oct. 9, 1925.

Cuddle-Down a cuddle in every down

Particular description of goods.—Silk and Wool Knitted Fabric in the Piece.

Claims use since Sept. 1, 1925.

Ser. No. 221,568. (CLASS 39. CLOTHING.) SAM ROSENBAUM & SONS COMPANY, doing business as Kalamazoo Pant Company, Kalamazoo, Mich. Filed Oct. 10, 1925.

Chappies

Particular description of goods.—Boys' Trousers.

Claims use since Mar. 1, 1925.

Ser. No. 221,586. (CLASS 32. FURNITURE AND UPHOLSTERY.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 12, 1925.



Particular description of goods.—Picture Frames, Chair Arms, Drawer Pulls and Knobs.

Claims use since Dec. 1, 1924.

Ser. No. 221,620. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KIBBE BROTHERS COMPANY, Springfield, Mass. Filed Oct. 12, 1925.

"Some Gum Drops"

Applicant disclaims the exclusive right to the use of the words "Gum Drops" apart from the mark shown in the drawing.

Particular description of goods.—Gumdrops.

Claims use since Dec. 5, 1924.

Ser. No. 221,622. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KIBBE BROTHERS COMPANY, Springfield, Mass. Filed Oct. 12, 1925.

SUN TOP ORANGES

Applicant disclaims an exclusive right to the word "Oranges" apart from the mark shown in the drawing.

Particular description of goods.—Jelly Candies.

Claims use since June 3, 1925.

Ser. No. 221,756. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) MAGUIRE-YOUNG COMPANY, Charlestown, Mass. Filed Oct. 15, 1925.

MYCO

Particular description of goods.—Spray Oils, Floor Oils, Cedar Spray, and Wax Spray.

Claims use since Jan. 1, 1923.

Ser. No. 221,776. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HAROLD D. SAURER, doing business as Maydale Company, Normal, Ill. Filed Oct. 15, 1925.

MAY DALE

No claim is made to the words "May Dale" apart from the manner shown.

Particular description of goods.—Face Powders, Face Creams, Face Packs, Skin Lotions, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, Sachets, and Talcum Powders.

Claims use since June 8, 1925.

Ser. No. 221,794. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WOOLSON SPICE COMPANY, Toledo, Ohio. Filed Oct. 15, 1925.

ROYAL QUEEN



Particular description of goods.—Coffee, Tea, and Spices.

Claims use since Mar. 23, 1914.

Ser. No. 221,837. (CLASS 17. TOBACCO PRODUCTS.) KINGDOM OF ITALY, Rome, Italy. Filed Oct. 16, 1925.

LECCESE

Particular description of goods.—Snuff.

Claims use since July 1, 1884.

Ser. No. 221,839. (CLASS 17. TOBACCO PRODUCTS.) KINGDOM OF ITALY, Rome, Italy. Filed Oct. 16, 1925. Under ten-year proviso.

ERBASANTA

Particular description of goods.—Snuff.

Claims use since July 1, 1884.

Ser. No. 221,853. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) A. SCHULDER & SONS, New York, N. Y. Filed Oct. 16, 1925.

SCHUL-SONS

Particular description of goods.—Sewing-Machine Needles.

Claims use since Oct. 13, 1925.

Ser. No. 221,865. (CLASS 39. CLOTHING.) WYANT WAY INC., New York, N. Y. Filed Oct. 16, 1925.

WYANT WAY OF NEW YORK WONDER-FIT

No claim is made to the exclusive use of the words "Wyant," "Of New York," and "Fit" apart from the mark as shown.

Particular description of goods.—Knitted and Textile Underwear, Lingerie, Dresses, and Suits Made of Silk, Wool, Cotton, and Artificial Silk for Women.

Claims use since Sept. 30, 1925.

Ser. No. 221,878. (CLASS 39. CLOTHING.) CHICAGO MAIL ORDER COMPANY, Chicago, Ill. Filed Oct. 17, 1925.



Particular description of goods.—Women's and Misses' Dresses, Skirts, Waists, Middies, House Dresses, Aprons, Bath Robes, Knickers, and Lumber Jacks; Children's Dresses, Women's and Children's Trimmed and Untrimmed Hats.

Claims use since Mar. 1, 1922.

Ser. No. 221,922. (CLASS 43. THREAD AND YARN.) STANDARD THREAD COMPANY, New York, N. Y. Filed Oct. 17, 1925.

MAGNET

Particular description of goods.—Thread.

Claims use since about 1900.

Ser. No. 221,926. (CLASS 43. THREAD AND YARN.) STANDARD THREAD COMPANY, New York, N. Y. Filed Oct. 17, 1925.

VENUS

Particular description of goods.—Thread.

Claims use since about October, 1924.

Ser. No. 221,929. (CLASS 43. THREAD AND YARN.) STANDARD THREAD COMPANY, New York, N. Y. Filed Oct. 17, 1925.

UNO

Particular description of goods.—Thread.

Claims use since about April, 1924.

Ser. No. 221,932. (CLASS 43. THREAD AND YARN.) STANDARD THREAD COMPANY, New York, N. Y. Filed Oct. 17, 1925.

MAGIC

Particular description of goods.—Thread.

Claims use since about 1900.

Ser. No. 221,935. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) TOY VEHICLE CORPORATION, New York, N. Y. Filed Oct. 17, 1925.

MA M-A-CAR

The word "Car" is disclaimed apart from the showing herein represented.

Particular description of goods.—Toy Carts.

Claims use since February, 1925.

Ser. No. 221,936. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) TRIMONT MANUFACTURING COMPANY INCORPORATED, Boston, Mass. Filed Oct. 17, 1925.

TRIMO

Particular description of goods.—Monkey Wrenches, Pipe Wrenches, Chain Wrenches, Pipe Cutters, and Pipe Vises.

Claims use since 1894 as to monkey wrenches, pipe wrenches, chain wrenches, and pipe cutters, and since January, 1924, as to pipe vises.

Ser. No. 222,017. (CLASS 45. BEVERAGES, NONALCOHOLIC.) EGON BRAUN AKTIENGESELLSCHAFT, Hamburg, Germany. Filed Oct. 20, 1925.



No claim is made to the printed words appearing on the drawing nor to the representation of a bottle.

Particular description of goods.—Nonalcoholic, Maltless Beverages sold as soft drinks, Sirups and Extracts for Making the Same, and Mineral Waters.

Claims use since 1921.

Ser. No. 222,040. (CLASS 46. FOODS, AND INGREDIENTS OF FOODS.) D. LANDRETH SEED COMPANY, doing business as Penn's Manor Canning Company, Bristol, Pa. Filed Oct. 20, 1925.

PENNS' MANOR

Particular description of goods.—Canned Vegetables.
Claims use since Sept. 23, 1925.

Ser No. 222,103. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) ARNESTO PAINT CO. INC., New York, N. Y. Filed Oct. 22, 1925.



No claim is made to the word "White."
Particular description of goods.—Paint in Paste Form.
Claims use since Jan. 1, 1924.

Ser. No. 222,164. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CLEMENT COLERIDGE CLAWSON, Flagtown, N. J. Filed Oct. 23, 1925.

SNOW BALL

Particular description of goods.—Ice-Shaving Machines.
Claims use since about May 1, 1924.

Ser. No. 222,195. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ISIDOR SHERMAN, doing business as A. K. Manufacturing Co., New York, N. Y. Filed Oct. 23, 1925.

"KREOLE"

Particular description of goods.—Leather Dye.
Claims use since March, 1917.

Ser. No. 222,208. (CLASS 45. BEVERAGES, NONALCOHOLIC.) PAUL ANGEL, Champaign, Ill. Filed Oct. 24, 1925.



The drawing is lined for red.
Particular description of goods.—Nonalcoholic, Maltless Sirup for Making Soft Drinks.
Claims use since Oct. 5, 1924.

Ser. No. 222,225. (CLASS 16. PAINTS, AND PAINTERS' MATERIALS.) DETROIT GRAPHITE COMPANY, Detroit, Mich. Filed Oct, 24, 1925.

STIPLOID

Particular description of goods.—Washable Wall Finish.
Claims use since May 6, 1925.

Ser. No. 222,236. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) BEN GOLDSTEIN, Rochester, N. Y. Filed Oct. 24, 1925.

SHINOTO

Particular description of goods.—Automobile and Furniture Polish.
Claims use since June, 1924.

Ser. No. 222,289. (CLASS 15. OILS AND GREASES.) TIDIOUTE REFINING COMPANY, Tidioute, Pa. Filed Oct. 24, 1925.

TIDIOUTE

Particular description of goods.—Gasoline, Naphtha, Benzine, Kerosene, Crude Oil, Fuel Oil, Motor Oil, Cylinder Oil, Engine Oil, Lubricating Oil, Cup Greases, Axle Greases, Other Lubricating and Engine Greases, Automobile Oils, and Wax Distillate.
Claims use since April, 1919.

Ser. No. 222,317. (CLASS 45. BEVERAGES, NONALCOHOLIC.) THE FITGER COMPANY, Duluth, Minn. Filed Oct. 26, 1925.

Arrow Head

Particular description of goods.—Ginger Ale.
Claims use since Oct. 13, 1925.

Serial No. 222,328. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FLORENCE N. LEWIS, doing business as Elizabeth Arden, New York, N. Y. Filed Oct. 26, 1925.

ARDENETTE

Particular description of goods.—Cosmetics—Namely, Face Creams, Massage Creams, and Hair Pomades, Face Powder, Rouge, and Talcum Powder.
Claims use since January, 1922.

Ser. No. 222,346. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) W. EARL SIMPSON, St. Clairsville, Ohio. Filed Oct. 26, 1925.



Particular description of goods.—Dog Medicines.
Claims use since Jan. 1, 1925.

Ser. No. 222,402. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF.) RAPID ADDRESSING MACHINE COMPANY, New York, N. Y. Filed Oct. 27, 1925. Under ten-year proviso.

BELKNAP

Particular description of goods.—Addressing Machines.
Claims use since 1885.

Ser. No. 222,419. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE UPJOHN COMPANY, Kalamazoo, Mich. Filed Oct. 27, 1925.

QUINOIDAS

Particular description of goods.—Medicine for Malaria.
Claims use since October, 1910.

Ser. No. 222,441. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE COLLINS COMPANY, Collinsville, Conn. Filed Oct. 28, 1925. Under ten-year proviso.



Particular description of goods.—Axes, Hatchets, Adzes, Machetes, Tercados, Chisels, Bowie Knives, Kitchen Knives, Swords, Augers, Boring Bits, Lansas, Lancitas, Jincolas, Arpones, Sickles, Mill Picks, Wedges, Shovels, Spades, Stone and Rock Drills, Crowbars, Mattocks, Hoes, Picks, Barras, Cavadores, Barretones, Palas, Tarpalas, Sledges, Hammers, Plows, and Plow Parts.
Claims use since 1830.

Ser. No. 222,452. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ABRAHAM GOLDKNOPF, New York, N. Y. Filed Oct. 20, 1925.

Vita-mel's

Trade-mark consists in the word "Vita-Mel's."
Particular description of goods.—Electuary Candy.
Claims use since Oct. 22, 1925.

Ser. No. 222,458. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) CARL A. HOOS, Liberty, N. Y. Filed Oct. 28, 1925.

PUZZLE POST PACK PUZZLE

The word "Puzzle" is disclaimed apart from the mark shown.
Particular description of goods.—Puzzle.
Claims use since Oct. 17, 1925.

Ser. No. 222,464. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHARLES J. KALLILE, doing business as C. J. Kallile Perfume Co., and Victory Barber Supply Co., Toledo, Ohio. Filed Oct. 28, 1925.



No claim is made to the word "Products" apart from the mark as shown.

Particular description of goods.—Perfumes, Toilet Waters, Bath Salts, Brilliantines, Lip Rouges, Smelling Salts, Liquid Rouges, Liquid Powders, Cold Creams, Vanishing Creams, Sachets, Face Powders, Talcums, Rouges, Hand Lotions, Compacts, Face Lotions, Hairdressings, Tar Shampoo, Liquid Egg Shampoo, Hair Tonics, Nail Polishes, Deodorizing Preparations, and Dentifrices.

Claims use since June 3, 1924.

Ser. No. 222,475. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NATIONAL REMEDY COMPANY, INC., New York, N. Y. Filed Oct. 28, 1925.



Particular description of goods.—Preparations for the Diseases of the Throat and Lungs, Nerve and Brain Compound, Hair Preservative, Specific for Malaria, Medicinal Oil or Liniment; Remedy for Diseases of the Liver, Kidneys, Stomach, and Bowels; Specific for Worms, and Fluid Extract of Sarsaparilla, Extract of Cod-Liver Oil, Sirup Laxative for Children, Healing Salve, Laxative Tea, Headache Tablets, Tablets for Indigestion, Cathartic Tablets and Laxative Pills, Celery Phosphate Tonic for Men and Women for Nervousness and Nervous Debility, and Salve for Humors, Cuts, Eruptions, Itch, Burns, Rashes, and Insect Bites.

Claims use since May 1, 1880.

Ser. No. 222,476. (CLASS 10. FERTILIZERS.) NITRATE AGENCIES COMPANY, New York, N. Y. Filed Oct. 28, 1925.



No claim is made to the word "Brand" apart from the mark shown.

Particular description of goods.—Fertilizer.

Claims use since Nov. 1, 1921.

Ser. No. 222,501. (CLASS 39. CLOTHING.) THE A. J. DONOHUE CORPORATION, Milford, Conn. Filed Oct. 29, 1925.

COLLEGIATE

Particular description of goods.—Garters.

Claims use since Oct. 1, 1925.

Ser. No. 222,510. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH F. KOTRICH, doing business as Healthfinder Chemical Co., Chicago, Ill. Filed Oct. 29, 1925.

HEALTHFINDER

Particular description of goods.—Liquid Ointment for Inflammations, Congestion of the Respiratory Organs, and for General Healing Purposes.

Claims use since September, 1924.

Ser. No. 222,571. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE NEWCRAFT SALES COMPANY, INC., Boston, Mass. Filed Oct. 30, 1925.

Newcraft

Particular description of goods.—Machines for Making and Coating Confections, Particularly for Coating Cores or Creams with Chocolate Material.

Claims use since on or about Oct. 1, 1923.

Ser. No. 222,582. (CLASS 2. RECEPTACLES.) MEYER SAMSON, doing business as The Samson Laboratories, Philadelphia, Pa. Filed Oct. 30, 1925.

SAN-U-TAINER

Particular description of goods.—Receptacles Wholly or in Part of Paper, Pasteboard, Wood, or Metal for Transportation of Laboratory Specimens or Samples.

Claims use since on or about Dec. 1, 1924.

Ser. No. 222,606. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE FRESHIN CO. INC., New York, N. Y. Filed Oct. 31, 1925.



Particular description of goods.—Cold-Cream-Impregnated Tissue.

Claims use since June 3, 1925, and by its predecessor, Jacob S. Berliner, since May 16, 1925, and by his predecessor, Katherine M. Mackenzie, since June 16, 1922.

Ser. No. 222,614. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALBON F. HIRSCHBROTH, doing business as Sol-V-Ta Laboratory, Detroit, Mich. Filed Oct. 31, 1925.

SOL-V-TA

Particular description of goods.—Salve for the Treatment of Eczema, Salt Rheum, Ivy Poison, Tetter, Barber's Itch, Burns, Scalds, Old Sores, Boils, Pimples, Piles, Sunburns, Cuts, and Itchings.

Claims use since Oct. 1, 1923.

Ser. No. 222,618. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE LA SALLE COMPANY, St. Paul, Minn. Filed Oct. 31, 1925.



The representation of the female faces shown herein are merely fanciful.

Particular description of goods.—Face Powder.

Claims use since August, 1925.

Ser. No. 222,622. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALFRED W. MADSEN, Joliet, Ill. Filed Oct. 31, 1925.

PLEASANT HILL

Particular description of goods.—Butter.

Claims use since 1921.

Ser. No. 222,654. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AMERICAN RADIO MFG. COMPANY, Kansas City, Mo. Filed Nov. 2, 1925.

American Beauty

Particular description of goods.—Radio Receiving Sets.

Claims use since Sept. 1, 1925.

Ser. No. 222,656. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) APEX STAMPING COMPANY, Riverdale, Ill. Filed Nov. 2, 1925.

Jiffy

Particular description of goods.—Antennæ for Radio Apparatus.

Claims use since Oct. 1, 1924.

Ser. No. 222,684. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LEGHORN PRESERVING CO., INC., Brooklyn, N. Y. Filed Nov. 2, 1925.



The word "Brand" is disclaimed apart from the other features of the mark.

Particular description of goods.—Glacé Fruit, Fancy Grapefruit Peel, Pineapple Cores, and Cherry Pieces.

Claims use since Apr. 15, 1924.

Ser. No. 222,770. (CLASS 39. CLOTHING.) WEINGARTEN BROS., New York, N. Y. Filed Nov. 3, 1925.

W.B. TRIPLETTE

Particular description of goods.—Women's Knitted and Textile Underwear, Brassières, and Combination Brassière and Corset, Brassière and Girdle.

Claims use since July 1, 1925.

Ser. No. 222,804. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ARTHUR E. SWEET, New York, N. Y. Filed Nov. 4, 1925.

MARVEL

Particular description of goods.—Electric Cookers and Bakers.

Claims use since about Mar. 1, 1924.

Ser. No. 222,848. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) THE KNOWLES, TAYLOR AND KNOWLES COMPANY, East Liverpool, Ohio. Filed Nov. 5, 1925.

THE BIRTHSTONE

Particular description of goods.—Porcelain and China Ware—Namely, Dinner Ware.

Claims use since Oct. 1, 1925.

Ser. No. 222,856. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NICHOLAS N. MARCOTOON, New York, N. Y. Filed Nov. 5, 1925.

Nex

Particular description of goods.—Preparation for Removing the Roughness of a Collar and Preserving the Skin from Irritation.

Claims use since Aug. 1, 1925.

Ser. No. 222,885. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAVID STERN, Brooklyn, N. Y. Filed Nov. 5, 1925. Under ten-year proviso.

KOSTER'S
PUMPERNICKEL

Particular description of goods.—Bread.

Claims use since 1887.

Ser. No. 222,891. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) VALLEY ELECTRIC COMPANY, Wilmington, Del., and St. Louis, Mo. Filed Nov. 5, 1925.



Particular description of goods.—Radio Receiving Sets.

Claims use since Feb. 16, 1925.

Ser. No. 222,899. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) WESTERN CARTRIDGE COMPANY, East Alton, Ill. Filed Nov. 5, 1925.

WESTERN

Particular description of goods.—Target Traps and Targets.

Claims use since about Jan. 1, 1896.

Ser. No. 222,902. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) GEORGE STARR WHITE, Los Angeles, Calif. Filed Nov. 5, 1925.

RITHMO-TROL

Particular description of goods.—Automatic Circuit Make and Break Devices.

Claims use since Oct. 15, 1925.

Ser. No. 222,939. (CLASS 39. CLOTHING.) OPPENHEIMER & GROSS, Philadelphia, Pa. Filed Nov. 6, 1925.

Fashington

The trade-mark consists of the word "Fashington."

Particular description of goods.—Men's and Young Men's Suits and Overcoats, Including Golf Suits, Tuxedo and Full-Dress Suits, Topcoats, and Parts of Suits—viz, Coats, Vests, and Trousers.

Claims use since June 30, 1925.

Ser. No. 222,944. (CLASS 39. CLOTHING.) ROBITSHEK-ROBBINS CO., Minneapolis, Minn. Filed Nov. 6, 1925.

Let'er Buck

Particular description of goods.—Clothing—Namely, Fur Coats for Men, Such as, Sheepskin Coats.

Claims use since on or about Nov. 2, 1925.

Ser. No. 222,949. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAUL SCHULZE BISCUIT CO., Chicago, Ill. Filed Nov. 6, 1925.

I. X. L.

Particular description of goods.—Bakery Goods Described as Cookies, Cakes, and Wafers.

Claims use since about Jan. 7, 1922.

Ser. No. 222,950. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAUL SCHULZE BISCUIT CO., Chicago, Ill. Filed Nov. 6, 1925

FANTANA

Particular description of goods.—Bakery Goods Described as Cookies, Cakes, and Wafers.

Claims use since about Jan. 7, 1922.

Ser. No. 222,951. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAUL SCHULZE BISCUIT CO., Chicago, Ill. Filed Nov. 6, 1925

P. S.

Particular description of goods.—Bakery Goods Described as Crackers.

Claims use since early in April, 1925.

Ser. No. 222,984. (CLASS 2. RECEPTACLES.) THE JAITE COMPANY, Jaite, Ohio. Filed Nov. 7, 1925.

MULTI-SAX

Particular description of goods.—Bags for Cement and Other Material.

Claims use since on or about Oct. 15, 1925.

Ser. No. 223,045. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN R. LLOYD, doing business as J. R. Lloyd Company, Pittsburgh, Pa. Filed Nov. 9, 1925.

"LADY DOLLY"

Particular description of goods.—Cake Mix.

Claims use since June, 1925.

Ser. No. 223,086. (CLASS 15. OILS AND GREASES.) THE DENVER POWERINE COMPANY, Denver, Colo. Filed Nov. 10, 1925.



Particular description of goods.—Motor Fuel.

Claims use since Oct. 1, 1925.

Ser. No. 223,113. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BEATRICE CREAMERY COMPANY, Chicago, Ill. Filed Nov. 11, 1925.

Beatrice

Particular description of goods.—Butter and Cheese.
Claims use since Dec. 15, 1924, for tub butter; since June 1, 1925, for cheese.

Ser. No. 223,136. (CLASS 15. OILS AND GREASES.) OTIS OIL COMPANY, INC., New York, N. Y. Filed Nov. 11, 1925.

GIVE YOUR CAR THE "DOUBLE O"

No claim is made herein for the use of the phrase "Give Your Car the" apart from the mark as otherwise shown.
Particular description of goods.—Lubricating Oil and Grease.
Claims use since October, 1923.

Ser. No. 223,140. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) EUGENE RIMMEL, LIMITED, London, England. Filed Nov. 11, 1925.

FRAXI

Particular description of goods.—Perfumed Soap.
Claims use since May 12, 1925.

Ser. No. 223,142. (CLASS 39. CLOTHING.) HARRY M. SACKS, doing business as Rockwood Hosiery Company, Philadelphia, Pa. Filed Nov. 11, 1925.

Rockwood HOSIERY

Applicant disclaims the use of the word "Hosiery" apart from the mark shown.
Particular description of goods.—Hosiery.
Claims use since Nov. 24, 1906.

Ser. No. 223,156. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. M. ALEXANDER, doing business as La Prene, Chicago, Ill. Filed Nov. 12, 1925.

La Prene

Particular description of goods.—Shampoo.
Claims use since Oct. 13, 1925.

Ser. No. 223,157. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. M. ALEXANDER, doing business as La Prene, Chicago, Ill. Filed Nov. 12, 1925.



Particular description of goods.—Shampoo.
Claims use since Oct. 13, 1925.

Ser. No. 223,201. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) SMITH-ALSOP PAINT AND VARNISH COMPANY, Terre Haute, Ind. Filed Nov. 12, 1925.

SPEEDLAC

Particular description of goods.—Brushing Lacquer for Interior or Exterior Use on Wood or Metal.
Claims use since Aug. 20, 1925.

Ser. No. 223,209. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE AMERICAN CRAYON COMPANY, Sandusky, Ohio. Filed Nov. 13, 1925.



"Old Faithful"

Particular description of goods.—Water Colors.
Claims use since 1914.

Ser. No. 223,211. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) GEO. BORGFELDT & CO., New York, N. Y. Filed Nov. 13, 1925.

LITTLE
Annie Rooney

Particular description of goods.—Dolls.
Claims use since Oct. 22, 1925.

Ser. No. 223,265. (CLASS 17. TOBACCO PRODUCTS.) R. C. WILLIAMS & CO. INC., New York, N. Y. Filed Nov. 13, 1925.



Particular description of goods.—Cigars.
Claims use since about January, 1895.

Ser. No. 223,266. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WINTHROP CHEMICAL COMPANY, INC., New York, N. Y. Filed Nov. 13, 1925.

KRES-LUMIN

Particular description of goods.—Medicinal Preparation for Use as a Cough Sedative and Expectorant.
Claims use since July 22, 1925.

Ser. No. 223,290. (CLASS 39. CLOTHING.) THE HUB, doing business as Hecht Company, Baltimore, Md., Washington, D. C., and New York, N. Y. Filed Nov. 14, 1925.

Guild Clothes

No claim is made to the word "Clothes" apart from the mark shown in the drawing.
Particular description of goods.—Men's Suits, including Coats, Vests, and Trousers, and Men's Overcoats.
Claims use since Mar. 27, 1925.

Ser. No. 223,305. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) WILLIS E. KENNISON, doing business as W. E. Kennison Co., Providence, R. I. Filed Nov. 14, 1925.

KENCO

Particular description of goods.—Bracelets, Necklace Snaps, Necklace Clasps, Tie Clasps, Collar Holders, Earrings, and Ear Wire.
Claims use since January, 1925.

Ser. No. 223,332. (CLASS 15. OILS AND GREASES.) PURE OIL COMPANY, Columbus, Ohio. Filed Nov. 14, 1925.

Detonite

Particular description of goods.—Gasoline.
Claims use since Nov. 11, 1925.

Ser. No. 223,337. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE A. SCHOENHUT COMPANY, Philadelphia, Pa. Filed Nov. 14, 1925.

"ANCHOR QUOITS"

No claim is made to the word "Quoits" apart from the mark as shown.
Particular description of goods.—Quoits.
Claims use since June 25, 1925.

Ser. No. 223,349. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PAUL WESTPHAL, New York, N. Y. Filed Nov. 14, 1925. Under ten-year proviso.

WESTPHAL'S

Particular description of goods.—Liquid for Treating the Hair, Toilet Waters, Hair-Color Restorers, Hair Renewers, Hair Dyes, Hair-Shampoo Preparations, and Perfumes.
Claims use since Jan. 1, 1881.

Ser. No. 223,351. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) WILSON-WESTERN SPORTING GOODS COMPANY, Chicago, Ill. Filed Nov. 14, 1925.



The trade-mark consists merely in the red color of the net-supporting ring of the device. No claim is made to the representation of a basket-ball goal. The particular shade of red employed is scarlet vermillion.
Particular description of goods.—Basket-Ball Goals.
Claims use since Sept. 24, 1925.

Ser. No. 223,362. (CLASS 15. OILS AND GREASES.) W. H. BARBER COMPANY, Minneapolis, Minn. Filed Nov. 16, 1925.

SHOOTING-STAR

Particular description of goods.—Petroleum Products—Namely, Gasoline, Kerosene, Fuel Oil, Petroleum Distillate, Lubricating Oils and Greases.
Claims use since Jan. 15, 1926.

Ser. No. 223,363. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) ELMER E. BOYLE, Wichita, Kans. Filed Nov. 16, 1925.

GALLOPING Cal

Particular description of goods.—Mechanical Hobby-horse.
Claims use since Oct. 21, 1925.

Ser. No. 223,394. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE LITTLE CORPORAL CO., Chicago, Ill. Filed Nov. 16, 1925.

Little Corporal

Particular description of goods.—Abdominal Belts.
Claims use since Dec. 15, 1921.

Ser. No. 223,397. (CLASS 39. CLOTHING.) MAGNUS IMPORTS, LTD., New York, N. Y. Filed Nov. 16, 1925.

FOREST HILLS

Particular description of goods.—Men's, Women's, and Boys' Sweaters.
Claims use since June 14, 1925.

Ser. No. 223,417. (CLASS 39. CLOTHING.) SHOAF-SINK HOSIERY MILL COMPANY, Lexington, N. C. Filed Nov. 16, 1925.

Gladiola

Particular description of goods.—Hosiery.
Claims use since Dec. 2, 1924.

Ser. No. 223,443. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) E. H. MYERS, Walnut Grove, Calif. Filed Nov. 17, 1925.

STEAMBOAT

Particular description of goods.—Fresh Pears and Plums.
Claims use since Oct. 26, 1925.

Ser. No. 223,454. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) JOHN A. ANDREWS, Chicago, Ill. Filed Nov. 18, 1925.

BLUE MOON

Particular description of goods.—Parlor Board Game Played With Pieces.
Claims use since Apr. 1, 1925.

Ser. No. 223,458. (CLASS 39. CLOTHING.) CHARLES F. BEMO, Portland, Oreg. Filed Nov. 18, 1925.

Life Line

Particular description of goods.—Hosiery.
Claims use since Sept. 9, 1925.

Ser. No. 223,480. (CLASS 39. CLOTHING.) THE LINDNER CO'Y., Cleveland, Ohio. Filed Nov. 18, 1925.

ANTONNE

Particular description of goods.—Women's and Misses' Dresses.
Claims use since June 1, 1924.

Ser. No. 223,507. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) EASTMAN KODAK COMPANY, Rochester, N. Y. Filed Nov. 19, 1925.

KODALINE

Particular description of goods.—Light-Sensitive Photographic Paper.
Claims use since on or about Nov. 1, 1924.

Ser. No. 223,515. (CLASS 39. CLOTHING.) SELVAN KAAS, Philadelphia, Pa. Filed Nov. 19, 1925.

SYLVANIA

Particular description of goods.—Hosiery.
Claims use since Dec. 12, 1923.

Ser. No. 223,523. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) KEUFFEL & ESSER COMPANY, Hoboken, N. J. Filed Nov. 19, 1925.

PHAROS

Particular description of goods.—Drawing Instruments Comprising Compasses, Dividers, Bow Pens, Bow Pencils, and Drawing Pens.
Claims use since May 5, 1925.

Ser. No. 223,546. (CLASS 2. RECEPTACLES.) PUROX COMPANY, Denver, Colo. Filed Nov. 19, 1925.

LOX

Particular description of goods.—Liquefied-Gas Containers.
Claims use since Oct. 14, 1925.

Ser. No. 223,551. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) SCHOLL MANUFACTURING COMPANY, INC., Chicago, Ill. Filed Nov. 19, 1925.

FLEXO

Particular description of goods.—Arch Supports.
Claims use since 1910.

Ser. No. 223,552. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) SCHOLL MANUFACTURING COMPANY, INC., Chicago, Ill. Filed Nov. 19, 1925.

Lastik-

Particular description of goods.—Metatarsal Pads and Ankle Supports.
Claims use since April, 1924.

Ser. No. 223,555. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) SULLIVAN MACHINERY COMPANY, Boston, Mass., and Chicago, Ill. Filed Nov. 19, 1925.

SULAMITE

Particular description of goods.—Substitute for Diamond in Industrial Use.
Claims use since Oct. 16, 1925.

Ser. No. 223,580. (CLASS 39. CLOTHING.) HICKEY-FREEMAN CO., Rochester, N. Y. Filed Nov. 20, 1925.

Alpine Glow

Particular description of goods.—Men's Suits.
Claims use since May 26, 1925.

Ser. No. 223,590. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) THE OHIO MATCH COMPANY, Wadsworth, Ohio. Filed Nov. 20, 1925.

CHOOSE ME

Particular description of goods.—Matches.
Claims use since Mar. 2, 1905.

Ser. No. 223,591. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) THE OHIO MATCH COMPANY, Wadsworth, Ohio. Filed Nov. 20, 1925.

SURE SHOT

Particular description of goods.—Matches.
Claims use since Aug. 24, 1909.

Ser. No. 223,593. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) THE OHIO MATCH COMPANY, Wadsworth, Ohio. Filed Nov. 20, 1925.

GRAND

Particular description of goods.—Matches.
Claims use since May 13, 1908.

Ser. No. 223,594. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) THE OHIO MATCH COMPANY, Wadsworth, Ohio. Filed Nov. 20, 1925.

DESK

Particular description of goods.—Matches.
Claims use since Sept. 29, 1905.

Ser. No. 223,595. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) THE OHIO MATCH COMPANY, Wadsworth, Ohio. Filed Nov. 20, 1925.

PITTSBURGH NOISELESS

No claim is made to the right to the exclusive use of the words "Pittsburgh" and "Noiseless" except in the combination shown in the drawing.
Particular description of goods.—Matches.
Claims use since July 26, 1906.

Ser. No. 223,597. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) THE OHIO MATCH COMPANY, Wadsworth, Ohio. Filed Nov. 20, 1925.

BLUE BOSS

Particular description of goods.—Matches.
Claims use since June 2, 1915.

Ser. No. 223,613. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) R. O. WEYMAN AND COMPANY, Chicago, Ill. Filed Nov. 20, 1925.

SunnyCal

Particular description of goods.—Confections—Namely, Fruit Cakes.
Claims use since June 15, 1925.

Ser. No. 223,626. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed No. 21, 1925.

SEA KING

Particular description of goods.—Fishing Reels.
Claims use since 1917.

Ser. No. 223,635. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE A. C. GILBERT COMPANY, New Haven, Conn. Filed Nov. 21, 1925.

Big Boy

Particular description of goods.—Miniature Automobiles and Other Miniature Road Vehicles, Miniature Steam Shovels, Grab Buckets, Diggers, and the Like for use as Toys.
Claims use since on or about Jan. 2, 1925.

Ser. No. 223,636. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A. GIOLITTI, Wahtoke, Calif. Filed Nov. 21, 1925.

MOONLIGHT

Particular description of goods.—Fresh Grapes.
Claims use since Sept. 1, 1925.

Ser. No. 223,637. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A. GIOLITTI, Wahtoke, Calif. Filed Nov. 21, 1925.

MOONSHINE

Particular description of goods.—Fresh Grapes.
Claims use since Sept. 1, 1922.

Ser. No. 223,648. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) E. H. MACY & CO., INC., New York, N. Y. Filed Nov. 21, 1925.

SUPRE-MACY

Particular description of goods.—Paper Patterns.
Claims use since Sept. 14, 1925.

Ser. No. 223,669. (CLASS 15. OILS AND GREASES.) MAGNOLIA PETROLEUM COMPANY, Dallas, Tex. Filed Nov. 21, 1925.

VAR-KLEN

Particular description of goods.—Naphtha.
Claims use since on or about Nov. 14, 1925.

Ser. No. 223,676. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Filed Nov. 23, 1925.

Agfa

Particular description of goods.—Fluxes for Soldering Metals.
Claims use since Feb. 17, 1925.

Ser. No. 223,683. (CLASS 39. CLOTHING.) A. BRUNS SONS & CO., INC., Brooklyn, N. Y. Filed Nov. 23, 1925.

NONARIP

Particular description of goods.—Overalls and Work Pants.
Claims use since Sept. 1, 1925.

Ser. No. 223,699. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FERRARA PAN CONFECTION CO., Chicago, Ill. Filed Nov. 23, 1925.

HODGE PODGE

Particular description of goods.—Candy.
Claims use since June 1, 1924.

Ser. No. 223,700. (CLASS 39. CLOTHING.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Nov. 23, 1925.

SALON DES DEBUTANTES

Particular description of goods.—Women's and Misses' Hats.
Claims use since June 11, 1925.

Ser. No. 223,708. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GREAT LAKES VARNISH WORKS, INC., Chicago, Ill. Filed Nov. 23, 1925.

SPECIFICATION

Particular description of goods.—Ready-Mixed Paint for Applying on Outside Surfaces.
Claims use since June 11, 1925.

Ser. No. 223,709. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GREAT LAKES VARNISH WORKS, INC., Chicago, Ill. Filed Nov. 23, 1925.

IMPERVITEX

Particular description of goods.—Ready-Mixed Paint.
Claims use since Nov. 26, 1924.

Ser. No. 223,739. (CLASS 39. CLOTHING.) PANELON UNDERWEAR COMPANY, INC., Hamilton, Ohio. Filed Nov. 23, 1925.

PAN-UNS

Trade-mark consists in the words "Pan-Uns."
Particular description of goods.—Men's, Women's, and Children's Underwear Made of Woven and Knitted Materials.
Claims use since May, 1925.

Ser. No. 223,746. (CLASS 39. CLOTHING.) SMITH, KIRKPATRICK & CO. INC., New York, N. Y. Filed Nov. 23, 1925.

STRAND

Particular description of goods.—Men's, Women's, and Children's Hosiery.
Claims use since June 8, 1925.

Ser. No. 223,749. (CLASS 15. OILS AND GREASES.) STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed Nov. 23, 1925.

SYNCERA

Particular description of goods.—Petroleum Wax.
Claims use since Nov. 13, 1925.

Ser. No. 223,754. (CLASS 39. CLOTHING.) VENUS BRASSIERE CO., Chicago, Ill. Filed Nov. 23, 1925.

Venus

Particular description of goods.—Corsets, Brassières, Girdles, and Bandeaux.
Claims use since Oct. 1, 1923.

Ser. No. 223,755. (CLASS 39. CLOTHING.) VENUS BRASSIERE CO., Chicago, Ill. Filed Nov. 23, 1925.

Corsetalls

Particular description of goods.—Corsets, Brassières, Girdles, and Bandeaux.
Claims use since Oct. 1, 1923.

Ser. No. 223,769. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE CRAWFORD, MCGREGOR AND CANBY COMPANY, Dayton, Ohio. Filed Nov. 24, 1925.

CHIEFTAIN

The trade-mark consists of the word "Chieftain."
Particular description of goods.—Golf Clubs.
Claims use since Oct. 1, 1925.

Ser. No. 223,774. (CLASS 15. OILS AND GREASES.) ALFRED DUNHILL OF LONDON INC., New York, N. Y. Filed Nov. 24, 1925.

BENZIQUE

Particular description of goods.—Spirits for Cigar Lighters.
Claims use since Oct. 15, 1925.

Ser. No. 223,775. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) HARRY D. EMBOTT, doing business as New Life Arch Pad Co., St. Paul, Minn. Filed Nov. 24, 1925.

NEW-LIFE

Particular description of goods.—Arch Pads.
Claims use since in or about August, 1922.

Ser. No. 223,796. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) MONTEROS & CO., INC., New Orleans, La. Filed Nov. 24, 1925.

„TACINCA"

Particular description of goods.—Flint Paper.
Claims use since July, 1922.

Ser. No. 223,829. (CLASS 39. CLOTHING.) WIENER BROS. INC., New York, N. Y. Filed Nov. 24, 1925.

Hazel

Particular description of goods.—Ladies' Hats.
Claims use since Nov. 19, 1925.

Ser. No. 223,873. (CLASS 39. CLOTHING.) VENUS BRASSIERE CO., Chicago, Ill. Filed Nov. 25, 1925.

Y. B. Stout

Particular description of goods.—Corsets, Brassières, Girdles, and Bandeaux.
Claims use since Nov. 15, 1925.

Ser. No. 223,905. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE EGYPTIAN LACQUER MANUFACTURING COMPANY, New York, N. Y. Filed Nov. 27, 1925.

SATTINA

Particular description of goods.—Lacquers, Lacquer Enamels, and Lacquer Thinners.
Claims use since Apr. 15, 1920.

Ser. No. 223,907. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE EGYPTIAN LACQUER MANUFACTURING COMPANY, New York, N. Y. Filed Nov. 27, 1925.

JACK FROST

Particular description of goods.—Lacquers, Lacquer Enamels, and Lacquer Thinners.
Claims use since Sept. 1, 1922.

Ser. No. 223,947. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) TWINPLEX SALES COMPANY, St. Louis, Mo. Filed Nov. 27, 1925.

Twinplex

Particular description of goods.—Shaving Cream or Soap.
Claims use since Oct. 17, 1925.

Ser. No. 223,974. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM SCHLERETH, Baltimore, Md., also doing business as Catar-Go Chem. Co., Brooklyn, N. Y. Filed Nov. 25, 1925.

CATAR-GO

Particular description of goods.—Preparation for the Treatment of Catarrh and Ailments of the Respiratory and Other Organs.
Claims use since Nov. 7, 1925.

Ser. No. 224,061. (CLASS 15. OILS AND GREASES.) TIDE WATER OIL COMPANY, Bayonne, N. J., and New York, N. Y. Filed Nov. 30, 1925.

TYDCO

Particular description of goods.—Lubricating Grease.
Claims use since Sept. 1, 1925.

Ser. No. 224,063. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) WHITE ROSE MANUFACTURING CO., Los Angeles, Calif. Filed Nov. 30, 1925.

WHITE ROSE

Particular description of goods.—Liquid Clothes Cleaner.
Claims use since June 15, 1925.

Ser. No. 224,067. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) S. J. ARONSOHN, INC., New York, N. Y. Filed Dec. 2, 1925.

STUDENT PRINTS

No claim is made to the word "Prints" apart from the mark shown.
Particular description of goods.—Textile Fabrics—Namely, Tie Silks.
Claims use since Nov. 1, 1925.

Ser. No. 224,141. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHARLES KARKLE, Trenton, N. J. Filed Dec. 1, 1925.

KARKLE'S



The portrait is that of applicant.
Particular description of goods.—Medicinal Preparation for the Treatment of Coughs, Colds, Catarrh, Asthma, and Other Afflictions of the Respiratory Organs.
Claims use since Nov. 17, 1925.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

JANUARY 5, 1926.

207,437. BEESWAX, PARAFFIN WAX, CARNAUBA WAX, CARNAUMONTINE WAX, SHELLAC WAX, SPERMACETI, STEARIC ACID, GUM TRAGACANTH, CERESINE WAXES, MONTAN WAXES, JAPAN WAX, PALM WAX, BAYBERRY WAX, CANDELILLA WAX, AND OZOKERITE WAX. STRAHL & PITSCH, New York, N. Y.
Filed July 1, 1925. Serial No. 216,749. PUBLISHED OCTOBER 6, 1925.

207,438. GOLF CLUBS. THE CRAWFORD, MCGREGOR AND CANBY COMPANY, Dayton, Ohio.
Filed September 11, 1925. Serial No. 220,112. PUBLISHED OCTOBER 27, 1925.

207,439. MINIATURE RAILROADS. AMERICAN FLYER MFG. CO., Chicago, Ill.
Filed September 11, 1925. Serial No. 220,100. PUBLISHED OCTOBER 27, 1925.

207,440. BOARD GAME. SAMUEL B. REEDER, Washington, D. C.
Filed September 5, 1925. Serial No. 219,911. PUBLISHED OCTOBER 27, 1925.

207,441. FISHING TACKLE — NAMELY, FLOATS, LINES, SINKERS, AND ARTIFICIAL BAIT. THE F. E. CHESTER MFG. CO., Bellefont and Providence, R. I.
Filed September 5, 1925. Serial No. 219,877. PUBLISHED OCTOBER 27, 1925.

207,442. MOPS. BOUQUET-BROWNSON CO., INC., St. Paul, Minn.
Filed September 3, 1925. Serial No. 219,711. PUBLISHED OCTOBER 20, 1925.

207,443. PUBLICATION PUBLISHED EVERY TWO WEEKS. MARC EDMUND JONES, Los Angeles, Calif.
Filed August 26, 1925. Serial No. 219,394. PUBLISHED OCTOBER 13, 1925.

207,444. FACE POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, PERFUMES, HAIR TONICS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, BATH SALTS, SMELLING SALTS, AND SACHETS. VIVI, INC., New York, N. Y.
Filed August 22, 1925. Serial No. 219,262. PUBLISHED OCTOBER 13, 1925.

207,445. MONTHLY PUBLICATION. FAWCETT PUBLICATIONS, INC., Robbinsdale, Minn.
Filed August 4, 1925. Serial No. 218,358. PUBLISHED OCTOBER 13, 1925.

207,446. MONTHLY PUBLICATIONS. THE TEXAS COMPANY, Houston, Tex., and New York, N. Y.
Filed August 5, 1925. Serial No. 218,436. PUBLISHED OCTOBER 13, 1925.

207,447. PERFUMES, TOILET WATERS, FACE CREAMS, BATH SALTS, BATH POWDER, FACE POWDER, TALCUM POWDER, SACHET, ROUGE, LIP STICKS, LOTION FOR THE SKIN AND HAIR, AND BRILLIANTINE. PARFUMERIE RIGAUD, INC., New York, N. Y.
Filed August 22, 1925. Serial No. 219,259. PUBLISHED OCTOBER 13, 1925.

207,448. PRINTED PERIODICAL PUBLISHED MONTHLY AND AT OTHER INTERVALS. RAMER REVIEWS, INC., New York, N. Y.
Filed August 1, 1925. Serial No. 218,272. PUBLISHED OCTOBER 13, 1925.

207,449. A MONTHLY PUBLICATION. THE SHIPPERS' GUIDE COMPANY, INC., Chicago, Ill.
Filed July 6, 1925. Serial No. 216,944. PUBLISHED OCTOBER 13, 1925.

207,450. LINIMENT FOR THE TREATMENT OF RHEUMATISM. B. M. & J. J. MURPHY, Statesboro, Ga.
Filed July 2, 1925. Serial No. 216,793. PUBLISHED OCTOBER 27, 1925.

207,451. LIQUID MEDICINE IN THE FORM OF A GENERAL TONIC AND LAXATIVE. CHARLES R. SPICER, doing business as The Pelvo Medicine Co., Memphis, Tenn.
Filed July 2, 1925. Serial No. 216,799. PUBLISHED OCTOBER 13, 1925.

207,452. CHEMICALS FOR DESTROYING VERMIN AND FOR EXTERMINATING PESTS, DISINFECTANTS, AND VERMIN EXTERMINANTS. DEUTSCHE GESELLSCHAFT FÜR SCHÄDLINGSBEKÄMPFUND M. B. H., Frankfort-on-the-Main, Germany.
Filed June 27, 1925. Serial No. 216,509. PUBLISHED OCTOBER 6, 1925.

207,453. CHEMICALS FOR DESTROYING VERMIN AND FOR EXTERMINATING PESTS, DISINFECTANTS, AND VERMIN EXTERMINANTS. DEUTSCHE GESELLSCHAFT FÜR SCHÄDLINGSBEKÄMPFUND M. B. H., Frankfort-on-the-Main, Germany.
Filed June 27, 1925. Serial No. 216,510. PUBLISHED OCTOBER 6, 1925.

207,454. MONTHLY MAGAZINE. THE CYCLING PRESS, INC., New York, N. Y.
Filed June 23, 1925. Serial No. 216,262. PUBLISHED OCTOBER 13, 1925.

207,455. ANTISEPTIC. RHENANIA VEREIN CHEMISCHER FABRIKEN AKTIEN-GESELLSCHAFT, Colonia, Germany.
Filed June 16, 1925. Serial No. 215,876. PUBLISHED OCTOBER 6, 1925.

207,456. HAIR-COLOR RESTORER. JOSEPH E. CARTER, doing business as Carter's Laboratories, Fargo, N. Dak.
Filed June 16, 1925. Serial No. 215,847. PUBLISHED OCTOBER 6, 1925.

207,457. LAXATIVE IN PILL FORM. HARRY DALE KUHN, doing business as H. Dale Kuhn, H. Dale Kuhn Manufacturing Pharmacist, Kuhn Drug Company, and H. Dale Kuhn Laboratory, Shelby, Ohio.
Filed May 21, 1925. Serial No. 214,668. PUBLISHED OCTOBER 6, 1925.

207,458. WRITING PAPER. SWARTWOOD-NELSON PAPER CO., Minneapolis, Minn.
Filed November 21, 1924. Serial No. 205,666. PUBLISHED OCTOBER 13, 1925.

207,459. COASTER WAGONS, SCOOTERS (OR SKOOTERS), WHEELED VEHICLES SOMEWHAT SIMILAR TO WHEELED SLEDS OR TOBOGGANS, AND SKI SKOOTERS OR SLEDS, PLAY CARS, PEDAL CARS, AND PULL MOTORS (A TOY VEHICLE PROPELLED BY THE ARMS OF THE RIDER). HUNT, HELM, FERRIS & CO., Harvard, Ill.
Filed June 18, 1925. Serial No. 215,981. PUBLISHED OCTOBER 20, 1925.

207,460. EMPTY CARDBOARD CARTONS. STEMAR DISPLAYS CO., Chicago, Ill.
Filed April 16, 1925. Serial No. 212,838. PUBLISHED OCTOBER 20, 1925.

207,461. HEADACHE POWDERS, EYE LOTIONS, SKIN LOTIONS, FACE CREAMS, STOMACH BITTERS, ANTISEPTIC SKIN POWDERS; LAXATIVES, LINIMENTS, AND THROAT MIXTURES FOR TREATMENT OF TONSILLITIS AND INFLAMMATORY CONDITIONS OF THE THROAT. EDWARD GORODESS, doing business as The Gray Chemical Company, New York, N. Y.
Filed June 24, 1925. Serial No. 216,383. PUBLISHED OCTOBER 27, 1925.

207,462. CHEMICAL PRODUCTS TO BE ADDED TO MOTOR FUELS TO PREVENT THE MOTOR FROM KNOCKING. BADISCHE ANILIN- & SODA-FABRIK, Ludwigshafen-on-the-Rhine, Germany.
Filed June 18, 1925. Serial No. 215,960. PUBLISHED OCTOBER 27, 1925.

207,463. ANTISEPTIC AND GERMICIDAL PREPARATIONS. ALBERT D. BARR, doing business as Davis Laboratory, Los Angeles, Calif.
Filed June 12, 1925. Serial No. 215,677. PUBLISHED OCTOBER 6, 1925.

207,464. SOAP. LOS ANGELES SOAP COMPANY, Los Angeles, Calif.
Filed May 29, 1925. Serial No. 215,075. PUBLISHED OCTOBER 6, 1925.

207,465. PUBLICATION ISSUED MONTHLY. WILLARD STORAGE BATTERY COMPANY, Cleveland, Ohio.
Filed June 22, 1925. Serial No. 216,246. PUBLISHED OCTOBER 6, 1925.

207,466. CIGARETTES. LEONCIO MOSQUERA, Philadelphia, Pa.
Filed June 3, 1925. Serial No. 215,264. PUBLISHED OCTOBER 20, 1925.

207,467. TITLE OF MONTHLY MAGAZINE. THE AMERICAN FEDERATION OF ARTS INC., Washington, D. C.
Filed May 27, 1925. Serial No. 214,939. PUBLISHED OCTOBER 6, 1925.

207,468. EXERCISING APPARATUS COMPRISING A FLOOR BOARD ON WHICH THE USER STANDS AND TO WHICH EXERCISING DEVICES ARE ATTACHED. LEO. FRANKENFELD, Hoboken, N. J.
Filed May 22, 1925. Serial No. 214,721. PUBLISHED OCTOBER 20, 1925.

207,469. SHIPPING CONTAINERS MADE OF LAMINATIONS OF FIBER BOARD AND CANVAS USED FOR SHIPPING ICE-CREAM CANS CONTAINING ICE CREAM. ALLEN C. SCOTT, doing business as Scott Mfg. Company, Omaha, Nebr.
Filed May 18, 1925. Serial No. 214,505. PUBLISHED OCTOBER 20, 1925.

207,470. DIGESTIVE REMEDY. JOSHUA HOLLAND, Chicago, Ill.
Filed May 18, 1925. Serial No. 214,480. PUBLISHED OCTOBER 6, 1925.

207,471. PERFUMERY. "PROKA" PARFÜMERIE-UND SEIFENFABRIKS A. G., Vienna, Austria.
Filed May 11, 1925. Serial No. 214,178. PUBLISHED OCTOBER 27, 1925.

207,472. DRY-CLEANING COMPOSITION. CHARLES PETERSON, Duluth, Minn.
Filed May 11, 1925. Serial No. 214,177. PUBLISHED OCTOBER 6, 1925.

207,473. PHOTOGRAPHIC MATERIALS—NAMELY, COLLODION EMULSION, COLLODION BASE, STRIPPING COLLODION, SENSITIZING DYES, RUBBER SOLUTION, CONCENTRATED DEVELOPER, NEGATIVE SUBSTRATUM, REVERSING SOLUTION, NEGATIVE VARNISH, OPALINE, SAFE ETCH GUM, OPAQUE, ETCHING SOLUTIONS, BROWN PRINT SOLUTION. CLARENCE R. LA ROE, Cleveland, Ohio.
Filed May 11, 1925. Serial No. 214,168. PUBLISHED OCTOBER 13, 1925.

207,474. MILK PROTEIN PREPARATION ACTING AS A GENERAL STIMULANT IN CASES SUCH AS ARTERIAL SCLEROSIS, STOMACH ULCERS, SEPTIC AND INFECTIOUS DISEASES, GONORRHEA, POST-PUERPERAL SEPSIS, TABES. TROPONWERKE DINKLAGE & CO., Köln-Mulheim, Germany.
Filed May 9, 1925. Serial No. 214,107. PUBLISHED OCTOBER 27, 1925.

207,475. OUTDOOR OR INDOOR GAME PLAYED WITH STAKES AND RINGS. JOHN WM. FRANS, doing business as Frans Invention Company, St. Louis, Mo.
Filed May 9, 1925. Serial No. 214,070. PUBLISHED OCTOBER 20, 1925.

207,476. MALTLESS BEVERAGE SOLD AS A SOFT DRINK AND CONTAINING LESS THAN ONE-HALF OF ONE PER CENT ALCOHOL. DITTA GIUSEPPE-ALBERTI, Benevento, Italy.
Filed May 7, 1925. Serial No. 213,956. PUBLISHED OCTOBER 20, 1925.

207,477. TOILET PREPARATIONS. FRANKLIN SIMON & CO., INC., New York, N. Y.
Filed April 29, 1925. Serial No. 213,494. PUBLISHED OCTOBER 27, 1925.

207,478. THERMALLY-INSULATED RECEPTACLE IN WHICH FOODSTUFFS AND MILK BOTTLES MAY BE DEPOSITED. ROBERT WINFIELD MUDGE, doing business as Kol-O-Heat Mfg. Co., Detroit, Mich.
Filed April 25, 1925. Serial No. 213,314. PUBLISHED OCTOBER 20, 1925.

207,479. LAXATIVE. OCEANO PRODUCTS COMPANY, Newark, N. J.
Filed August 8, 1925. Serial No. 218,570. PUBLISHED OCTOBER 6, 1925.

207,480. BASEBALL BATS. HILLERICH & BRADSBY CO., Louisville, Ky.
Filed August 6, 1925. Serial No. 218,486. PUBLISHED OCTOBER 20, 1925.

207,481. GOLF BALLS, BASEBALLS, TENNIS BALLS, FOOTBALLS, BASKET BALLS, BASEBALL BATS, TENNIS RACKETS, AND GOLF CLUBS. THE P. GOLDSMITH SONS COMPANY, Cincinnati, Ohio.
Filed August 5, 1925. Serial No. 218,407. PUBLISHED OCTOBER 20, 1925.

207,482. GOLF BALLS, BASEBALLS, TENNIS BALLS, FOOTBALLS, BASKET BALLS, BASEBALL BATS, TENNIS RACKETS, AND GOLF CLUBS. THE P. GOLDSMITH SONS COMPANY, Cincinnati, Ohio.
Filed August 5, 1925. Serial No. 218,406. PUBLISHED OCTOBER 20, 1925.

207,483. CIGARS. WAITT & BOND, INC., Newark, N. J.
Filed August 4, 1925. Serial No. 218,384. PUBLISHED OCTOBER 20, 1925.

207,484. CIGARS. WAITT & BOND, INC., Newark, N. J.
Filed August 4, 1925. Serial No. 218,383. PUBLISHED OCTOBER 20, 1925.

207,485. CIGARS. WAITT & BOND, INC., Newark, N. J.
Filed August 4, 1925. Serial No. 218,382. PUBLISHED OCTOBER 20, 1925.

207,486. MINIATURE CEDAR CHESTS AND CANDY BOXES. FREDERICK W. LAUER, doing business as Fred Lauer, Chicago, Ill.
Filed August 3, 1925. Serial No. 218,314. PUBLISHED OCTOBER 20, 1925.

207,487. LUGGAGE—VIZ, BRIEF CASES, MUSICAL INSTRUMENT CASES, CARDCASES, AND WALLETS. THE LIFTON MFG. CO., New York, N. Y.
Filed August 1, 1925. Serial No. 218,263. PUBLISHED OCTOBER 27, 1925.

207,488. SHAFTS FOR GOLF CLUBS. THE BURKE GOLF COMPANY, Newark, Ohio.
Filed July 31, 1925. Serial No. 218,161. PUBLISHED OCTOBER 20, 1925.

207,489. HORSE COLLARS. ALBERT GREMUNDSON, Elbow Lake, Minn.
Filed July 30, 1925. Serial No. 218,120. PUBLISHED OCTOBER 20, 1925.

207,490. PERFUMED SOAPS, LIQUID SOAPS, MEDICATED SOAPS, SOFT SOAP, AND SOFT AND HARD DISINFECTANT SOAPS. NEWTON, CHAMBERS & COMPANY, LIMITED, Sheffield, England.
Filed July 28, 1925. Serial No. 218,016. PUBLISHED OCTOBER 6, 1925.

207,491. CIGARS. DAVID J. WEINREICH, doing business as Joseph Weinreich, Dayton, Ohio.
Filed July 24, 1925. Serial No. 217,842. PUBLISHED OCTOBER 20, 1925.

207,492. CIGARS, CIGARETTES, AND SMOKING TOBACCO. CARL HENRY INCORPORATED, New York, N. Y.
Filed June 27, 1925. Serial No. 216,534. PUBLISHED OCTOBER 20, 1925.

207,493. FACE CREAM, HAIR TONIC, SHAMPOO, A COMPOUND FOR COUNTERACTING PERSPIRATION, AND A LOTION FOR CHAPPED, ROUGH HANDS. HENRY F. REMINGTON, doing business as The N'-V Products Co., Nashville, Mich.
Filed June 26, 1925. Serial No. 216,476. PUBLISHED OCTOBER 27, 1925.

207,494. NONALCOHOLIC, MALTLESS BEVERAGE PREPARED FROM ORANGE JUICE AND SOLD AS SOFT DRINK. ORANGE-WELL, INC., St. Louis, Mo.
Filed June 25, 1925. Serial No. 216,426. PUBLISHED OCTOBER 20, 1925.

207,495. SALVE FOR THE TREATMENT OF MINOR BURNS, CHRONIC SORES, ECZEMA, CARBUNCLES, SUNBURN, CHAPPED HANDS, AND SIMILAR SKIN AFFECTIONS. MRS. J. E. HUTCHESON & MISS MILLER HUTCHESON, Beaumont, Tex.
Filed June 25, 1925. Serial No. 216,398. PUBLISHED OCTOBER 6, 1925.

207,496. CIGARETTES. FREDERICK C. HITCH, New York, N. Y.
Filed September 1, 1925. Serial No. 219,626. PUBLISHED OCTOBER 27, 1925.

207,497. FISHING RODS. HORROCKS-IBBOTSON CO., Utica, N. Y.
Filed August 31, 1925. Serial No. 219,586. PUBLISHED OCTOBER 27, 1925.

207,498. REFILLABLE POWDER PUFFS. LOUIS I. FURLAGER, doing business as Sifta Puff Co., New York, N. Y.
Filed August 21, 1925. Serial No. 219,175. PUBLISHED OCTOBER 20, 1925.

207,499. LIQUID CEMENT. WARREN S. ZELLER, doing business as The Pastex Company, Philadelphia, Pa.
Filed August 18, 1925. Serial No. 218,835. PUBLISHED OCTOBER 27, 1925.

207,500. BASE-EXCHANGE WATER-SOFTENING MATERIALS, SUCH AS ZEOLITES. WARD-LOVE PUMP CORPORATION, Rockford, Ill.
Filed August 10, 1925. Serial No. 218,675. PUBLISHED OCTOBER 6, 1925.

207,501. RADIATOR-SEALING CEMENT IN LIQUID FORM, RADIATOR-SEALING CEMENT IN POWDER FORM, AND ANTIFREEZE COMPOUNDS FOR RADIATORS. CENTRAL LABORATORIES CO., Wheeling, W. Va.
Filed August 10, 1925. Serial No. 218,607. PUBLISHED OCTOBER 6, 1925.

207,502. SALT. SCHLOSS & KAHN GROCERY CO., Montgomery, Ala.
Filed August 10, 1925. Serial No. 218,668. PUBLISHED OCTOBER 6, 1925.

207,503. SOAPS. S. S. PIERCE CO., Boston, Mass.
Filed June 29, 1925. Serial No. 216,636. PUBLISHED OCTOBER 6, 1925.

207,504. ANTISEPTIC PREPARATION FOR THE TREATMENT OF SORES, ABRASIONS, BURNS, SCALDS, AND ROUGH AND CHAPPED SKIN. FRANK W. BROCK, Burke, Idaho.
Filed June 29, 1925. Serial No. 216,583. PUBLISHED OCTOBER 6, 1925.

207,505. LYE AND CHLORINATED LIME. P. C. TOMSON & CO. INC., Philadelphia, Pa.
Filed June 27, 1925. Serial No. 216,571. PUBLISHED OCTOBER 6, 1925.

207,506. FLOOR-SWEEPING COMPOUND. CO-MO MANUFACTURING COMPANY, Mebane, N. C.
Filed July 8, 1925. Serial No. 217,007. PUBLISHED OCTOBER 6, 1925.

207,507. QUARTERLY PUBLICATION. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J.
Filed July 10, 1925. Serial No. 217,188. PUBLISHED OCTOBER 6, 1925.

207,508. GAME BOARD FOR INDOOR AND OUTDOOR USE HAVING MEANS FOR PROJECTING A BALL OVER THE SURFACE THEREOF. DIAMANT TOOL & MFG. CO. INC., Newark, N. J.
Filed July 6, 1925. Serial No. 216,888. PUBLISHED OCTOBER 20, 1925.

207,509. FLOATS AND RAFTS FOR BATHERS AND ACCESSORIES THEREOF. UNITED STATES RUBBER COMPANY, New York, N. Y.
Filed July 2, 1925. Serial No. 216,806. PUBLISHED OCTOBER 20, 1925.

207,510. REMEDY FOR SEASICKNESS. MOTHERSILL REMEDY COMPANY, LIMITED, Montreal, Canada, and New York, N. Y.
Filed July 1, 1925. Serial No. 216,740. PUBLISHED OCTOBER 6, 1925.

207,511. PREPARATION USED AS A CLEANER FOR PAINTED OR VARNISHED SURFACES. CLEANSER PRODUCTS COMPANY, Freedom, Pa.
Filed July 1, 1925. Serial No. 216,711. PUBLISHED OCTOBER 6, 1925.

207,512. SHOVELS. THE WOOD SHOVEL AND TOOL COMPANY, Piqua, Ohio.
Filed June 29, 1925. Serial No. 216 660. PUBLISHED OCTOBER 13, 1925.

207,513. PERIODICAL PUBLICATION. ENID SCOTT RANKIN, doing business as The National Women's Press, New York, N. Y., assignor to New Century Literary Bureau, Inc., a Corporation of Delaware.
Filed June 29, 1925. Serial No. 216,639. PUBLISHED OCTOBER 6, 1925.

207,514. TINTED AND UNTINTED PHOTOGRAPHS, PHOTOGRAPHIC REPRODUCTIONS, PHOTOLITHOGRAPHS, CALENDARS, PRINTS, AND PHOTOGRAPHIC STUDIES. HENRY HOHENSTEIN, New York, N. Y.
Filed July 17, 1925. Serial No. 217,515. PUBLISHED OCTOBER 6, 1925.

207,515. WOOL DUSTERS. ILLINOIS DUSTER COMPANY, Chicago, Ill.
Filed July 17, 1925. Serial No. 217,517. PUBLISHED OCTOBER 20, 1925.

207,516. TOY WAGONS. HUNT, HELM, FERRIS & CO., Harvard, Ill.
Filed July 20, 1925. Serial No. 217,618. PUBLISHED OCTOBER 20, 1925.

207,517. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND FLAVORED SIRUPS AND EXTRACTS FOR MAKING THE SAME. THEONETT & CO., Chicago, Ill.
Filed July 14, 1925. Serial No. 217,373. PUBLISHED OCTOBER 20, 1925.

207,518. CLEANING AND POLISHING COMPOUNDS FOR GOLD, SILVER, BRASS, AND PLATED WARE. SILVER SUDS MANUFACTURING COMPANY, Philadelphia, Pa.
Filed July 10, 1925. Serial No. 217,184. PUBLISHED OCTOBER 6, 1925.

207,519. PERFUMES AND HYGIENIC PRODUCTS—NAMELY, COLOGNE, COLOGNE WATERS, EXTRACTS, TOILET WATERS, AROMATIC VINEGARS, SHAMPOOS, EYEDROPS, ASTRINGENTS; HAIR, FACE, HAND, AND FOOT LOTIONS; TOILET POWDERS, TALCUM POWDERS, TOILET DUSTING POWDERS, POWDER SACHETS, SACHETS, BATH SALTS, COLD CREAMS, COMPACTS AND REFILLS FOR COMPACTS, FACE PACKS, SMELLING SALTS, SKIN CREAMS, ROUGES, LIP STICKS, EYEBROW PENCILS, BEAUTY CLAY, VANISHING CREAMS, FACIAL PAINTS, AND SKIN BLEACHES. FRANKLIN SIMON & Co., INC., New York, N. Y.
Filed Apr. 16, 1925. Serial No. 212,802. PUBLISHED OCTOBER 27, 1925.

207,520. SOAPS, WASHING POWDERS, SOAP POWDERS, AND SOAPS FOR USE IN THE TEXTILE AND TANNING INDUSTRIES. ROHM & HAAS AKTIENGESELLSCHAFT, Darmstadt, Germany.
Filed April 15, 1925. Serial No. 212,751. PUBLISHED OCTOBER 6, 1925.

207,521. OLIVE OIL. MARTI Y GUTIÉRREZ, Alcala de Guadaira, Seville, Spain.
Filed May 26, 1923. Serial No. 181,202. PUBLISHED OCTOBER 27, 1925.

207,522. ALL TYPES OF BROOMS USING BROOM CORN—NAMELY, JANITOR'S BROOMS, PARLOR BROOMS, MILL BROOMS, HEARTH BROOMS, HOTEL BROOMS, AND WHISK BROOMS; AND BRUSHES—NAMELY, CLOTHES BRUSHES, HAIR BRUSHES, NAILBRUSHES, AND SCRUB BRUSHES—NAMELY, STRING MOPS. SAN FRANCISCO ASSOCIATION FOR THE BLIND, San Francisco, Calif.
Filed Nov. 1, 1924. Serial No. 204,724. PUBLISHED OCTOBER 27, 1925.

207,523. DYE FOR LEATHER. GRIFFIN MANUFACTURING CO. INC., New York, N. Y.
Filed November 11, 1924. Serial No. 205,117. PUBLISHED OCTOBER 27, 1925.

207,524. CHEMICAL GASES SPECIFICALLY NITROUS OXIDE GAS, FAT SOLVENTS SPECIFICALLY ALCOHOL. CERTIFIED LABORATORY PRODUCTS INC., Glendale, Calif.
Filed November 24, 1924. Serial No. 205,742. PUBLISHED OCTOBER 27, 1925.

207,525. SHAVING CREAMS TO BE USED BEFORE SHAVING AND SKIN SOAP. THE J. R. WATKINS COMPANY, Winona, Minn.
Filed January 9, 1925. Serial No. 207,906. PUBLISHED OCTOBER 6, 1925.

207,526. FERTILIZER. REDD CHEMICAL & NITRATE Co., Birmingham, Ala.
Filed March 2, 1925. Serial No. 210,405. PUBLISHED SEPTEMBER 15, 1925.

207,527. HORSESHOES. PHOENIX HORSE SHOE COMPANY, Chicago, Ill., and New York, N. Y.
Filed March 12, 1925. Serial No. 210,923. PUBLISHED OCTOBER 20, 1925.

207,528. ALIMENTARY PASTES. ITALIAN AMERICAN PASTE CO. INC., San Francisco, Calif.
Filed March 21, 1925. Serial No. 211,440. PUBLISHED OCTOBER 13, 1925.

207,529. COMIC STRIP. NEA SERVICE, INC., Cleveland, Ohio.
Filed March 30, 1925. Serial No. 211,858. PUBLISHED OCTOBER 6, 1925.

207,530. INSECTICIDES. PFEIFFER INSECTICIDE COMPANY, Louisville, Ky.
Filed March 30, 1925. Serial No. 211,867. PUBLISHED AUGUST 11, 1925.

207,531. STERILE SERUM SALT PREPARED FROM ION ANALYSIS OF HUMAN-BLOOD SERUM FOR REPLENISHING THE VASCULAR SYSTEM AND THE HEART AFTER LOSS OF BLOOD AND COLLAPSE. THE REINSCHILD CHEMICAL CO., New York, N. Y.
Filed April 1, 1925. Serial No. 212,036. PUBLISHED OCTOBER 27, 1925.

207,532. TOILET SOAPS. PLOUGH CHEMICAL COMPANY, doing business as Mme. Isa' Bells' Toilet Mfg. Co., Memphis, Tenn.
Filed October 27, 1923. Serial No. 187,589. PUBLISHED AUGUST 18, 1925.

207,533. METAL AND GLASS POLISH. ALPHONSE B. D. CHAMPAGNE, doing business as Massachusetts Sales Service, Lowell, Mass.
Filed February 9, 1924. Serial No. 192,066. PUBLISHED MAY 19, 1925.

207,534. FOOD PRODUCT CONTAINING CHOCOLATE, SUGAR, AND MILK AND A FOOD PRODUCT CONTAINING COCOA, SUGAR, AND MILK. MILLNER DAIRY COMPANY, Norfolk, Va.
Filed March 31, 1924. Serial No. 194,728. PUBLISHED OCTOBER 20, 1925.

207,535. PICTURES FOR ARTISTIC AND DECORATIVE PURPOSES. ABRAHAM & STRAUS, INC., New York, N. Y.
Filed July 21, 1924. Serial No. 200,299. PUBLISHED OCTOBER 6, 1925.

207,536. HOUSEHOLD FURNITURE. ABRAHAM & STRAUS, INC., New York, N. Y.
Filed July 21, 1924. Serial No. 200,303. PUBLISHED OCTOBER 13, 1925.

207,537. TYPEWRITER PAPER. ROCKWELL-BARNES COMPANY, Chicago, Ill.
Filed July 21, 1924. Serial No. 200,342. PUBLISHED OCTOBER 20, 1925.

207,538. MONTHLY PUBLICATION. GOLDMAN COSTUME COMPANY, INC., New York, N. Y.
Filed July 25, 1924. Serial No. 200,487. PUBLISHED OCTOBER 6, 1925.

207,539. INFANTS' AND CHILDREN'S CLOTHING—NAMELY, KNITTED SHIRTS, KNICKERS, AND BELLYBANDS. THE TAYLOR BRAMLEY COMPANY, Chicopee, Mass.
Filed August 22, 1924. Serial No. 201,782. PUBLISHED OCTOBER 20, 1925.

207,540. LOCKING RADIATOR CAPS. MOTOR EQUIPMENT MANUFACTURERS, INC., New York, N. Y.
Filed August 27, 1924. Serial No. 201,983. PUBLISHED OCTOBER 20, 1925.

207,541. CLEANING AND POLISHING COMPOUND IN POWDER FORM FOR CLEANING AND POLISHING MARBLE, PORCELAIN, AND MOSAIC WARE AND MATERIALS. B. HELLER & COMPANY, Chicago, Ill.
Filed September 10, 1924. Serial No. 202,450. PUBLISHED OCTOBER 13, 1925.

207,542. EGGS AND COFFEE. THE A. B. C. STORES, INCORPORATED, Houston, Galveston, and Beaumont, Tex.,
Filed October 13, 1924. Serial No. 203,773. PUBLISHED OCTOBER 20, 1925.

207,543. PACKINGS OF ALL KINDS (INCLUDING JOINTINGS IN THE NATURE OF PACKING) FOR ENGINES OR MACHINES FOR PREVENTING THE ESCAPE OF STEAM OR OTHER FLUIDS BETWEEN THE WORKING PARTS OF SAME AND FOR INSERTING BETWEEN STATIONARY JOINTS; HOSE; INDIA-RUBBER, GUTTA-PERCHA, AND BALATA VALVES, AND RINGS AND WASHERS IN THE NATURE OF PACKING AND OF RUBBER, LEATHER, OR LIKE MATERIALS. THE BELDAM PACKING & RUBBER COMPANY LIMITED, London, England.
Filed December 2, 1924. Serial No. 206,102. PUBLISHED OCTOBER 20, 1925.

207,544. MAGAZINE BINDERS. GAYLORD BROTHERS, Syracuse, N. Y.
Filed December 9, 1924. Serial No. 206,482. PUBLISHED OCTOBER 6, 1925.

207,545. SOAP CHIPS. JAMES S. KIRK & COMPANY, Chicago, Ill.
Filed January 8, 1925. Serial No. 207,818. PUBLISHED OCTOBER 13, 1925.

207,546. MEDICINE FOR INTERNAL USE AS AN ALTERATIVE TO BE USED IN THE TREATMENT OF FORMS OF BLOOD AND SKIN DISEASES. H. E. STOREY, doing business as Storey Laboratories, Houston, Tex.
Filed January 9, 1925. Serial No. 207,899. PUBLISHED MARCH 17, 1925.

207,547. SASH CORD, CLOTHESLINES, AND ROPE. WILLIAMS-ANSEHL COMPANY, Pittsburgh, Pa.
Filed January 13, 1925. Serial No. 208,087. PUBLISHED MARCH 10, 1925.

207,548. MOP WRINGERS. THE EAGLE WOODENWARE MANUFACTURING COMPANY, Hamilton, Ohio.
Filed January 19, 1925. Serial No. 208,285. PUBLISHED OCTOBER 20, 1925.

207,549. DIAPHRAGM PUMPS. ALFRED S. MARLOW, Lincoln Park, N. J.
Filed January 31, 1925, Serial No. 208,918. PUBLISHED SEPTEMBER 1, 1925.

207,550. BLEACHED SULPHITE WRAPPING PAPER. THE FOX PAPER COMPANY, Lockland, Ohio.
Filed February 3, 1925. Serial No. 209,031. PUBLISHED OCTOBER 6, 1925.

207,551. WRITING PAPER, LEDGER PAPER, AND BOND PAPER. THE WHITAKER PAPER COMPANY, Cincinnati, Ohio.
Filed February 9, 1925. Serial No. 209,227. PUBLISHED OCTOBER 20, 1925.

207,552. CHEMICAL PREPARATIONS. ARTHUR R. MASS, doing business as A. R. Mass Chemical Co., Los Angeles, Calif.
Filed October 27, 1924. Serial No. 204,462. PUBLISHED OCTOBER 20, 1925.

207,553. PERFUMES. JANE B. HAYWARD, Babylon, N. Y.
Filed July 26, 1924. Serial No. 200,557. PUBLISHED OCTOBER 27, 1925.

207,554. SHAVING CREAM IN THE FORM OF SOAP CREAM. THE WILLIAM A. WEBSTER COMPANY, Memphis, Tenn.
Filed July 2, 1924. Serial No. 199,511. PUBLISHED OCTOBER 6, 1925.

207,555. PERFUMES, TOILET WATERS, FACE LOTIONS, FACE CREAMS, FACE POWDERS, ROUGES, AND LIP STICK. PARFUMERIE INTERNATIONALE CORDAY, Paris, France.
Filed March 26, 1924. Serial No. 194,470. PUBLISHED OCTOBER 6, 1925.

207,556. PERFUMES, TOILET WATERS, FACE LOTIONS, FACE CREAMS, FACE POWDERS, ROUGES, AND LIP STICK. PARFUMERIE INTERNATIONALE CORDAY, Paris, France.
Filed March 26, 1924. Serial No. 194,467. PUBLISHED OCTOBER 6, 1925.

207,557. CORRESPONDENCE CARDS AND MAILING ENVELOPES THEREFOR. OLD COLONY ENVELOPE COMPANY, Westfield, Mass.
Filed July 16, 1925. Serial No. 217,478. PUBLISHED OCTOBER 6, 1925.

207,558. LIQUID COMPOUND FOR THE TREATMENT OF RHEUMATISM AND SYPHILIS. NO GEE HERB Co., San Francisco, Calif.
Filed July 16, 1925. Serial No. 217,477. PUBLISHED OCTOBER 27, 1925.

207,559. WOMEN'S COATS. FRY MFG. CO., Manchester, N. H.
Filed July 14, 1925. Serial No. 217,340. PUBLISHED OCTOBER 20, 1925.

207,560. MONTHLY PUBLICATION. LAWRENCE VALENSTEIN, doing business as Grey Studios, New York, N. Y.
Filed July 13, 1925. Serial No. 217,306. PUBLISHED OCTOBER 13, 1925.

207,561. PERFUME AND INCENSE. HALSTEAD SPECIALTIES Co., Oakland, Calif.
Filed July 13, 1925. Serial No. 217,273. PUBLISHED OCTOBER 6, 1925.

207,562. ENAMELED COOKING UTENSILS. J. A. WILLIAMS & COMPANY, Pittsburgh, Pa.
Filed July 11, 1925. Serial No. 217,238. PUBLISHED OCTOBER 20, 1925.

207,563. A NEWSPAPER. PRESS-UNION PUBLISHING COMPANY, Atlantic City, N. J.
Filed July 7, 1925. Serial No. 216,989. PUBLISHED OCTOBER 13, 1925.

207,564. COLUMN OR SECTION PUBLISHED MONTHLY IN THE INDUSTRIAL DIGEST AND AT VARYING PERIODS IN OTHER PUBLICATIONS SYNDICATED THEREWITH. THE PERIODICAL DIGEST CORPORATION, New York, N. Y.
Filed July 7, 1925. Serial No. 216,988. PUBLISHED OCTOBER 13, 1925.

207,565. COSMETICS AND TOILET PREPARATIONS—NAMELY, TOILET WATERS, HAIR TONICS, BAY-RUM COMPOUND, COCONUT-OIL SHAMPOO, PERFUMES, TALCUMS, FACE POWDER, COLD CREAMS, VANISHING CREAMS, MASSAGE CREAMS, CUCUMBER LOTION, ROSE LOTION, STRAWBERRY LOTION, AND HONEY AND ALMOND LOTION, HAIRDRESSING CREAMS, BRILLIANTINE, AND BATH SALTS. THE FRIES & FRIES CO., doing business as Courrier d'Air Products Co., Cincinnati, Ohio, and New York, N. Y.
Filed July 7, 1925. Serial No. 216,971. PUBLISHED OCTOBER 27, 1925.

207,566. TALCUM POWDER AND COLD CREAM. THE AMERICAN PRODUCTS COMPANY, Cincinnati, Ohio.
Filed July 7, 1925. Serial No. 216,961. PUBLISHED OCTOBER 6, 1925.

207,567. UNDERWEAR—NAMELY, PYJAMAS AND TEXTILE UNDERSHIRTS—FOR MEN AND BOYS. KANDI UNDERWEAR COMPANY, New York, N. Y.
Filed July 1, 1925. Serial No. 216,732. PUBLISHED OCTOBER 20, 1925.

207,568. MEN'S SUITS. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed June 27, 1925. Serial No. 216,521. PUBLISHED OCTOBER 20, 1925.

207,569. PERFUMED SOAPS, TOILET SOAPS, AND SHAVING-SOAP STICKS, AND SHAVING-SOAP PASTE AND POWDER. H. & G. KLOTZ, Paris, France.
Filed June 25, 1925. Serial No. 216,413. PUBLISHED OCTOBER 6, 1925.

207,570. RUBBER TIRES. UNITED STATES RUBBER COMPANY, New Brunswick, N. J., and New York, N. Y.
Filed June 24, 1925. Serial No. 216,370. PUBLISHED OCTOBER 20, 1925.

207,571. MEDICINAL PREPARATION USED IN THE TREATMENT OF THE FEET. EDWIN B. JACOBI, doing business as Lan-O-Zin Co., Fayette, Mo.
Filed June 13, 1925. Serial No. 215,747. PUBLISHED OCTOBER 27, 1925.

207,572. STARCH AND BLUE FOR LAUNDRY PURPOSES, PERFUMERY, DISINFECTANT FLUIDS, DISINFECTANT POWDERS, DISINFECTANT BLOCKS, ANTISEPTICS, GERMICIDES, INSECTICIDES, DENTIFRICES, GENERAL HEALING OINTMENTS, LANO SKIN CREAM, THROAT LOZENGES, AND EMBROCATIONS. NEWTON, CHAMBERS AND CO., LIMITED, Thorncliffe, near Sheffield, England.
Filed June 9, 1925. Serial No. 215,526. PUBLISHED OCTOBER 27, 1925.

207,573. MONTHLY MAGAZINE. SPORTLIFE PUBLISHING CORPORATION, New York, N. Y.
Filed June 4, 1925. Serial No. 215,317. PUBLISHED OCTOBER 6, 1925.

207,574. PRECISION TOOLS AND INSTRUMENTS. MAUSER-WERKE AKTIENGESELLSCHAFT, Oberndorf-on-the-Neckar, Germany.
Filed June 1, 1925. Serial No. 215,161. PUBLISHED OCTOBER 20, 1925.

207,575. FOUNTAIN PENS. SAMUEL A. HARRIS, New York, N. Y.
Filed June 1, 1925. Serial No. 215,150. PUBLISHED OCTOBER 20, 1925.

207,576. DANDRUFF OINTMENT. CHARLES BLUM, doing business as The Dando-Rub Laboratories, Brooklyn, N. Y.
Filed May 23, 1925. Serial No. 214,777. PUBLISHED AUGUST 11, 1925.

207,577. PENCILS. GOODMAN BURSTOWN, Houston, Tex.
Filed August 8, 1925. Serial No. 218,537. PUBLISHED OCTOBER 20, 1925.

207,578. MONTHLY MAGAZINE. MACFADDEN PUBLICATIONS INCORPORATED, New York, N. Y.
Filed August 7, 1925. Serial No. 218,518. PUBLISHED OCTOBER 13, 1925.

207,579. CORNER MOUNTS FOR PHOTOGRAPHS. ANNA E. RILEY, doing business as Ace Art Company, Reading, Mass.
Filed August 4, 1925. Serial No. 218,373. PUBLISHED OCTOBER 6, 1925.

207,580. CLEANSER OR CLEANING, SCOURING, OR WASHING POWDER. WM. SCHIELD MFG. CO., St. Louis, Mo.
Filed August 3, 1925. Serial No. 218,336. PUBLISHED OCTOBER 20, 1925.

207,581. SOAP. THE "OTOMI" COMPANY, LIMITED, London, England.
Filed August 3, 1925. Serial No. 218,320. PUBLISHED OCTOBER 20, 1925.

207,582. LIQUID-MEASURING METERS AND GAUGES. HARRY H. HOMER, doing business as Homer Accurapid Works, Monterey, Calif.
Filed August 3, 1925. Serial No. 218,306. PUBLISHED OCTOBER 20, 1925.

207,583. PERIODICAL PUBLICATION. THE HIGH SCHOOL TEACHER COMPANY, Blanchester, Ohio.
Filed August 3, 1925. Serial No. 218,305. PUBLISHED OCTOBER 13, 1925.

207,584. DRESSES. FIFTH AVENUE STYLES, INC., New York, N. Y.
Filed August 1, 1925. Serial No. 218,252. PUBLISHED OCTOBER 20, 1025.

207,585. CANNED VEGETABLES—NAMELY, EVERGREEN CORN, GOLDEN BANTAM CORN, TOMATOES, WAX BEANS, STRINGLESS BEANS, PEAS, BEETS, PUMPKINS, SAUERKRAUT; FOOD SIRUP, SPICES, TOMATO CATCHUP, BUCKWHEAT FLOUR, PANCAKE AND WAFFLE FLOUR, FOOD-FLAVORING EXTRACTS, AND BUTTER. SHAFFER STORES COMPANY, Altoona, Pa.
Filed July 31, 1925. Serial No. 218,211. PUBLISHED OCTOBER 20, 1925.

207,586. HARDNESS TESTER PENETRATORS. WILSON-MAHLSEN CO. INC., New York, N. Y.
Filed July 30, 1925. Serial No. 218,148. PUBLISHED OCTOBER 20, 1925.

207,587. PAPER NAPKINS. PAPER PRODUCTS MANUFACTURING COMPANY, Swarthmore, Pa.
Filed July 30, 1925. Serial No. 218,137. PUBLISHED OCTOBER 6, 1925.

207,588. WOMEN'S AND MISSES' SUITS, COATS, DRESSES, WRAPS, CAPES, GOWNS, RAINCOATS, SILK HOSIERY, KNITTED AND TEXTILE UNDERWEAR, LINGERIE, NEGLIGEES, AND TRIMMED AND UNTRIMMED HATS. THE BLUM STORE, Philadelphia, Pa.
Filed July 29, 1925. Serial No. 218,041. PUBLISHED OCTOBER 20, 1925.

207,589. MOTION-PICTURE FILMS. TRUE STORY FILMS INC., New York, N. Y.
Filed July 25, 1925. Serial No. 217,906. PUBLISHED OCTOBER 20, 1925.

207,590. LEAD PENCILS. EAGLE PENCIL COMPANY, New York, N. Y.
Filed July 25, 1925. Serial No. 217,866. PUBLISHED OCTOBER 6, 1925.

207,591. CAKE DECORATORS. DE LUXE CAKE DECORATOR COMPANY, Minneapolis, Minn.
Filed July 25, 1925. Serial No. 217,864. PUBLISHED OCTOBER 20, 1925.

207,592. CONDENSED MILK. D. L. STERLING & SONS, INC., also doing business as Galeton Dairy Products Co., New York, N. Y., and Galeton, Pa.
Filed July 23, 1925. Serial No. 217,803. PUBLISHED OCTOBER 20, 1925.

207,593. FROZEN CONFECTIONS GENERALLY COMPRISING A FROZEN CORE AND A CHOCOLATE COATING THEREFOR. ESKIMO PIE CORPORATION, Louisville, Ky.
Filed July 22, 1925. Serial No. 217,704. PUBLISHED OCTOBER 20, 1925.

207,594. TOILET SEATS. THE ALLRIGHT MANUFACTURING COMPANY, Rural Hall, N. C.
Filed July 20, 1925. Serial No. 217,596. PUBLISHED OCTOBER 20, 1925.

207,595. TREE PAINT FOR USE AS AN INSECTICIDE. JOSEPHUS A. PYLE, St. Joseph, Mo.
Filed July 17, 1925. Serial No. 217,530. PUBLISHED OCTOBER 27, 1925.

207,596. LAXATIVE CATHARTIC TABLETS. THE SWIFT SPECIFIC COMPANY, Atlanta, Ga.
Filed July 16, 1925. Serial No. 217,485. PUBLISHED SEPTEMBER 22, 1925.

207,597. FACE POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, PERFUMES, HAIR TONICS, HAIRDRESSINGS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, BATH SALTS, SMELLING SALTS, AND SACHETS. KIP-SO PRODUCTS CO., New York, N. Y.
Filed August 24, 1925. Serial No. 219,287. PUBLISHED OCTOBER 13, 1925.

207,598. HAIRDRESSINGS. THE BOYD MANUFACTURING COMPANY, INC., doing business as La-Lo Laboratories, Birmingham, Ala.
Filed August 22, 1925. Serial No. 219,222. PUBLISHED OCTOBER 13, 1925.

207,599. SOAP. W. T. GRANT COMPANY, Lynn, Mass. and New York, N. Y.
Filed August 21, 1925. Serial No. 219,179. PUBLISHED OCTOBER 20, 1925.

207,600. MATTRESSES. STANDARD MATTRESS & FURNITURE MANUFACTURING CO., San Diego, Calif.
Filed August 20, 1925. Serial No. 219,151. PUBLISHED OCTOBER 20, 1925.

207,601. SPORT FABRIC AND TOP COATS FOR LADIES. PIPER AND SALERNO CO., INC., New York, N. Y.
Filed August 20, 1925. Serial No. 219,138. PUBLISHED OCTOBER 20, 1925.

207,602. SPORT FABRIC AND TOP COATS FOR LADIES. PIPER AND SALERNO CO., INC., New York, N. Y.
Filed August 20, 1925. Serial No. 219,137. PUBLISHED OCTOBER 20, 1925.

207,603. LADIES' TOP COATS. PIPER AND SALERNO CO., INC., New York, N. Y.
Filed August 20, 1925. Serial No. 219,136. PUBLISHED OCTOBER 20, 1925.

207,604. LOCKS. W-H KEYLESS LOCK COMPANY, LIMITED, Honolulu, Territory of Hawaii, and Hartford, Conn.
Filed August 19, 1925. Serial No. 219,095. PUBLISHED OCTOBER 20, 1925.

207,605. SHRINK-HEAD CASINGS FOR INGOT MOLDS. THE GATHMANN ENGINEERING COMPANY, Baltimore, Md.
Filed August 19, 1925. Serial No. 219,068. PUBLISHED OCTOBER 20, 1925.

207,606. KNITTED COATS FOR MEN, WOMEN, AND CHILDREN. WALNOTT KNITTING COMPANY, Utica, N. Y.
Filed August 18, 1925. Serial No. 219,050. PUBLISHED OCTOBER 20, 1925.

207,607. CLEANING PREPARATION FOR GENERAL HOUSEHOLD, STORE, AND SHOP USE. NORTH METAL & CHEMICAL CO. INC., York, Pa.
Filed August 18, 1925. Serial No. 219,041. PUBLISHED OCTOBER 20, 1925.

207,608. DAILY NEWSPAPER. THE NEWS PUBLISHING COMPANY, INC., Newburyport, Mass.
Filed August 17, 1925. Serial No. 218,994. PUBLISHED OCTOBER 13, 1925.

207,609. FOOD PREPARING AND SERVING EQUIPMENT. STAR METAL MFG. CO., Philadelphia, Pa.
Filed August 15, 1925. Serial No. 218,932. PUBLISHED OCTOBER 20, 1925.

207,610. HOSE COMPOSED OF RUBBER AND FIBROUS MATERIAL. THE B. F. GOODRICH COMPANY, New York, N. Y.
Filed August 12, 1925. Serial No. 218,753. PUBLISHED OCTOBER 20, 1925.

207,611. MIXTURE OF BORAX AND A DOUBLE SALT OF TRISODIUM PHOSPHATE AND SODIUM METABORATE USED FOR CLEANING AND DETERGENT PURPOSES OR AS AN INGREDIENT IN MAKING CLEANING AND DETERGENT COMPOSITIONS AND AS AN EMULSIFYING MATERIAL. AMERICAN TRONA CORPORATION, New York, N. Y.
Filed August 11, 1925. Serial No. 218,681. PUBLISHED OCTOBER 20, 1925.

207,612. SANITARY AND SURGICAL GOODS OF RUBBER AND OF RUBBER COMPOSITION. HERBERT A. RINDSKOPF, doing business as Crown Rubber Manufacturing Co., Brooklyn, N. Y.
Filed August 10, 1925. Serial No. 218,663. PUBLISHED OCTOBER 20, 1925.

207,613. ELECTRICAL APPARATUS FOR LOCATING PATHOLOGICAL CONDITIONS ALONG THE SPINE BY COMPARATIVE TEMPERATURE OBSERVATIONS. GEORGE R. HAYMAN, doing business as Chirometer Sales Company, Bay Shore, N. Y.
Filed August 10, 1925. Serial No. 218,639. PUBLISHED OCTOBER 20, 1925.

207,614. WRITING AND PRINTING PAPER. INTERNATIONAL PAPER COMPANY, New York, N. Y.
Filed August 8, 1925. Serial No. 218,559. PUBLISHED OCTOBER 6, 1925.

207,615. CHEMICAL COMPOUND OF GUAIACOL IN THE FORM OF MAGNESIUM GUAIACOL SULPHONATE, CONTAINING APPROXIMATELY FIFTY-EIGHT PER CENT OF GUAIACOL, FOR INTERNAL MEDICATION IN PULMONARY AND RESPIRATORY AFFECTIONS AND DISORDERS OF THE DIGESTIVE TRACT OR GENITO-URINARY SYSTEM AND OTHER CONDITIONS TO WHICH IT MAY BE APPLICABLE. EDGAR GILBERT, doing business as Gilbert Laboratories, White Plains, N. Y.
Filed August 8, 1925. Serial No. 218,548. PUBLISHED OCTOBER 27.

207,616. CALCIUM CARBIDE. FEDERAL CARBIDE CO., Anniston, Ala.
Filed August 5, 1925. Serial No. 218,545. PUBLISHED OCTOBER 27, 1925.

207,617. ICE CREAM. DAVID L. STULL, doing business as Highland Ice Cream Co., Birmingham, Ala.
Filed August 18, 1925. Serial No. 219,047. PUBLISHED OCTOBER 20, 1925.

207,618. MALT SIRUP FOR FOOD PURPOSES. RED SUN PRODUCTS CO., Chicago, Ill.
Filed August 18, 1925. Serial No. 218,828. PUBLISHED OCTOBER 20, 1925.

207,619. FROZEN CREAM, SUGAR, AND FRUIT USED IN PREPARING SANDWICHES. GEORGE H. FARRELL, Chicago, Ill.
Filed August 13, 1925. Serial No. 218,803. PUBLISHED OCTOBER 20, 1925.

207,620. DAILY PUBLICATION. BULLETIN RECORD PUBLISHING CO., INC., Chicago, Ill.
Filed July 28, 1925. Serial No. 217,756. PUBLISHED OCTOBER 20, 1925.

207,621. MONTHLY PUBLICATION. EASTERN COTTON OIL COMPANY, Norfolk, Va.
Filed July 22, 1925. Serial No. 217,700. PUBLISHED OCTOBER 20, 1925.

207,622. MEN'S HALF HOSE. THE AMERICAN CELLULOSE & CHEMICAL MANUFACTURING COMPANY, LTD., New York, N. Y.
Filed July 13, 1925. Serial No. 217,242. PUBLISHED OCTOBER 20, 1925.

207,623. MAGAZINE PUBLISHED MONTHLY. "I CONFESS" PUBLICATIONS, New York, N. Y., assignor to The Famous Story Publishing Company, Inc., New York, N. Y.
Filed July 10, 1925. Serial No. 217,154. PUBLISHED OCTOBER 20, 1925.

207,624. NEWSPAPER COLUMN. PUBLIC PRESS CORPORATION, New York, N. Y.
Filed July 6, 1925. Serial No. 216,933. PUBLISHED OCTOBER 20, 1925.

207,625. WOMEN'S, MISSES', AND CHILDREN'S DRESSES AND APRONS. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo.
Filed June 26, 1925. Serial No. 216,477. PUBLISHED OCTOBER 20, 1925.

207,626. ONE AND TWO PIECE KNITTED AND TEXTILE UNDERWEAR, ONE AND TWO PIECE BATHING SUITS, AND HOSIERY FOR MEN, WOMEN, AND CHILDREN. MAX WEINROTH, Philadelphia, Pa.
Filed June 3, 1925. Serial No. 215,285. PUBLISHED OCTOBER 20, 1925.

207,627. WATERPROOF COATS COMPOSED OF FABRIC AND RUBBER. UNITED STATES RUBBER COMPANY, New York, N. Y.
Filed May 28, 1925. Serial No. 215,034. PUBLISHED OCTOBER 20, 1925.

207,628. TOILET SOAPS AND SHAMPOO SOAPS. THOMAS L. CUMMINGS, doing business as Chirp'oo Chemical Company, Houston, Tex.
Filed April 20, 1925. Serial No. 213,009. PUBLISHED OCTOBER 20, 1925.

207,629. PAPER. AMERICAN SALES BOOK COMPANY, LIMITED, Toronto, Ontario, Canada, Niagara Falls and Elmira, N. Y.
Filed February 27, 1925. Serial No. 210,214. PUBLISHED OCTOBER 20, 1925.

207,630. SOAP. LOS ANGELES SOAP COMPANY, Los Angeles, Calif.
Filed June 16, 1924. Serial No. 198,654. PUBLISHED OCTOBER 20, 1925.

207,631. SOAPS AND PURIFICATION AND WASHING POWDERS FOR TREATING TEXTILES AND LEATHER. CHEMISCHE FABRIK POTT & CO., Dresden, Germany.
Filed May 2, 1924. Serial No. 196,432. PUBLISHED OCTOBER 20, 1925.

207,632. MEN'S, WOMEN'S, AND CHILDREN'S HOSIERY. JOSEPH H. CLARK, San Francisco, Calif.
Filed January 24, 1925. Serial No. 208,569. PUBLISHED OCTOBER 20, 1925.

207,633. CANNED FRUITS, CANNED VEGETABLES, DRIED FRUITS, AND CATCHUP. THE G. W. BOBB COMPANY, Columbus, Ohio.
Filed August 7, 1925. Serial No. 218,449. PUBLISHED OCTOBER 20, 1925.

207,634. HOSIERY FOR MEN, WOMEN, AND CHILDREN. ROTARY HOSIERY SHOPS, INC., Brooklyn, N. Y.
Filed August 4, 1925. Serial No. 218,374. PUBLISHED OCTOBER 20, 1925.

207,635. MEN'S, WOMEN'S, AND CHILDREN'S UNDERWEAR, KNIT AND LEATHER GLOVES, HOSIERY, KNITTED CAPS, SWEATERS, KNITTED BOOTEES, WORK SHIRTS, DRESS SHIRTS, OVERALLS, WORK PANTS, AND SHOES MADE OF LEATHER, RUBBER, OR FABRIC AND COMBINATIONS OF THESE GOODS. HIGGINBOTHAM-BAILEY-LOGAN COMPANY, Dallas, Tex.
Filed July 31, 1925. Serial No. 218,174. PUBLISHED OCTOBER 20, 1925.

207,636. SWEATERS. GOLDEN WEST KNITTING MILLS, Los Angeles, Calif.
Filed July 31, 1925. Serial No. 218,172. PUBLISHED OCTOBER 27, 1925

207,637. SEMIFLUID COMPOSITION FOR USE AS A DRESSING FOR ARTICLES OF RUBBER, LEATHER, AND SUCH LIKE GOODS. JARDER CHEMICAL COMPANY, INC., New York, N. Y.
Filed July 30, 1925. Serial No. 218,126. PUBLISHED OCTOBER 27, 1925.

207,638. OLIVE OIL. CORRADO BROS, New York, N. Y.
Filed July 24, 1925. Serial No. 217,818. PUBLISHED OCTOBER 20, 1925.

207,639. CARTOON STRIP. HARRY LEROY TASKEY, New York, N. Y.
Filed July 20, 1925. Serial No. 217,646. PUBLISHED OCTOBER 27, 1925.

207,640. NEWSPAPER SECTION. KING FEATURES SYNDICATE, INC., New York, N. Y.
Filed July 20, 1925. Serial No. 217,626. PUBLISHED OCTOBER 20, 1925.

207,641. WOMEN'S, MISSES', AND CHILDREN'S CLOTHING—NAMELY, DRESSES, COATS, SUITS, CAPES, CLOAKS, SKIRTS, UNDERSKIRTS, WAISTS, UNDERWEAR AND UNDERGARMENTS OF TEXTILE FABRIC, GOWNS, CORSETS, BRASSIÈRES, AND APRONS. MEYER PRINCE, New York, N. Y.
Filed July 17, 1925. Serial No. 217,529. PUBLISHED OCTOBER 20, 1925.

207,642. BOOKS OF PLANS PUBLISHED FROM TIME TO TIME AND PLANS. ALFONSO GALES JOHNSON, doing business as Standard Homes Company, Washington, D. C.
Filed June 22, 1925. Serial No. 216,185. PUBLISHED OCTOBER 27, 1925.

207,643. COFFEE, TEA, SPICES, AND FOOD-FLAVORING EXTRACTS. JOANNES CORPORATION, Los Angeles, Calif.
Filed June 22, 1925. Serial No. 216,183. PUBLISHED OCTOBER 20, 1925.

207,644. WOMEN'S OUTER WEAR—NAMELY, DRESSES, COATS, CLOAKS, SUITS, AND SKIRTS. THE MAXIM CO., New York, N. Y.
Filed July 16, 1925. Serial No. 217,474. PUBLISHED OCTOBER 20, 1925.

207,645. LADIES' WEARING APPAREL—NAMELY, COATS, DRESSES, SUITS, SHIRT WAISTS, UNDERSKIRTS, OVERSKIRTS, AND LINGERIE, INCLUDING COMBINATIONS, COSTUME SLIPS, CHEMISES, UNDERSHIRTS, BLOOMERS, STEP-INS, CAMISOLES, BRASSIÈRES, CORSELETTES, AND CORSETS. MAURICE J. SCHNEIDER, doing business as M. J. Schneider & Co., Los Angeles, Calif.
Filed June 29, 1925. Serial No. 216,644. PUBLISHED OCTOBER 27, 1925.

207,646. A PREPARATION OF TRIPOLI USED AS METAL POLISHERS, CLEANERS, AND BURNISHERS. FRANKLIN P. WELLER, Washington, D. C.
Filed May 26, 1925. Serial No. 214,937. PUBLISHED OCTOBER 20, 1925.

207,647. METAL POLISH, NICKEL POLISH, HAND SOAP, MOHAIR DRESSING, NEAT'S-FOOT COMPOUND, LEATHER RENOVATOR, AND FABRIC CLEANER. THE LIVINGSTON CO., New Haven, Conn.
Filed May 8, 1925. Serial No. 214,024. PUBLISHED OCTOBER 27, 1925.

207,648. KNITTED AND WOVEN MEN'S AND WOMEN'S UNDERWEAR, SPECIFICALLY COVERING THE FOLLOWING: VESTS, BLOOMERS, STEP-INS, PRINCESS SLIPS, PETTICOATS, PANTALETTES, UNION SUITS, AND ENVELOPE CHEMISES. ISIDOR STERN, doing business as National Petticoat Manufacturing Co., New York, N. Y.
Filed May 5, 1925. Serial No. 213,863. PUBLISHED OCTOBER 20, 1925.

207,649. MONTHLY MAGAZINE. BENEVOLENT AND PROTECTIVE ORDER OF ELKS OF THE UNITED STATES OF AMERICA, New York, N. Y.
Filed February 16, 1925. Serial No. 209,621. PUBLISHED OCTOBER 20, 1925.

207,650. COFFEE, CINNAMON, CLOVES, PEPPER, ALLSPICE, AND VANILLA, A FOOD FLAVORING EXTRACT; DILL PICKLES; TOMATO CATCHUP, STUFFED QUEEN OLIVES, QUEEN OLIVES, HORSE-RADISH, PREPARED MUSTARD, BUTTER, AND EGGS. WILLIAM RUEHL, Milwaukee, Wis.
Filed October 2, 1924. Serial No. 203,830. PUBLISHED OCTOBER 20, 1925.

207,651. CONFECTIONERY — NAMELY, CANDIES, SWEETMEATS, CANDIED FRUITS, BONBONS, CARAMELS, CHOCOLATES, AND COMFITS; ICES, ICE CREAM, AND NONALCOHOLIC SODA-FOUNTAIN BEVERAGES PREPARED WITH ICE CREAM AND FOOD PREPARATIONS. ST. CLAIRS' (INC.), Boston, Mass.
Filed July 21, 1924. Serial No. 200,334. PUBLISHED OCTOBER 20, 1925.

207,652. SOAPS IN LIQUID, CAKE, STICK, CREAM, AND/OR POWDER FORM. NEW MIX PRODUCTS, INC., New York, N. Y.
Filed September 8, 1925. Serial No. 219,961. PUBLISHED OCTOBER 20, 1925.

207,653. RUBBER JAR RINGS. SMALLEY, KIVLAN & ONTHANK, Boston, Mass.
Filed September 3, 1925. Serial No. 219,783. PUBLISHED OCTOBER 20, 1925.

207,654. SOAP FLAKES. GOLD DUST CORPORATION, Jersey City, N. J.
Filed September 3, 1925. Serial No. 219,789. PUBLISHED OCTOBER 20, 1925.

207,655. SOAP FLAKES. GOLD DUST CORPORATION, Jersey City, N. J.
Filed September 3, 1925. Serial No. 219,788. PUBLISHED OCTOBER 20, 1925.

207,656. WOOD-PLANING MACHINES. OLIVER MACHINERY CO., Grand Rapids, Mich.
Filed September 2, 1925. Serial No. 219,682. PUBLISHED OCTOBER 20, 1925.

207,657. ABRASIVE PAPERS AND ABRASIVE CLOTHS. AMERICAN GLUE COMPANY, Boston, Mass.
Filed September 2, 1925. Serial No. 219,651. PUBLISHED OCTOBER 20, 1925.

207,658. TUBE PATCHES. J. E. MARSHALL, doing business as Marshall Company, St. Joseph, Mo.
Filed September 1, 1925. Serial No. 219,637. PUBLISHED OCTOBER 20, 1925.

207,659. TOILET SOAPS. L. T. PIVER, INC., Wilmington, Del., and New York, N. Y.
Filed August 31, 1925. Serial No. 219,603. PUBLISHED OCTOBER 20, 1925.

207,660. MEDICINAL MINERAL OIL. SMITH, KLINE, & FRENCH COMPANY, Philadelphia, Pa.
Filed August 29, 1925. Serial No. 219,558. PUBLISHED OCTOBER 13, 1925.

207,661. DISINFECTANT, CLEANSING, AND BLEACHING AGENT. PENNSYLVANIA SALT MANUFACTURING COMPANY, Philadelphia, Pa.
Filed August 29, 1925. Serial No. 219,554. PUBLISHED OCTOBER 13, 1925.

207,662. MEDICINE FOR DEBILITY, RUN-DOWN CONDITIONS, RHEUMATISM, AND RHEUMATIC PAINS. STANISLAW SAPIEHA, Racine, Wis.
Filed August 27, 1925. Serial No. 219,453. PUBLISHED OCTOBER 13, 1925.

207,663. COD-LIVER-EXTRACT COMPOUND AS A TONIC AND STIMULANT. H. K. MULFORD COMPANY, Philadelphia, Pa.
Filed August 27, 1925. Serial No. 219,443. PUBLISHED OCTOBER 13, 1925.

207,664. DIGESTANT, APERIENT, AND ADJUVANT. H. K. MULFORD COMPANY, Philadelphia, Pa.
Filed August 27, 1925. Serial No. 219,442. PUBLISHED OCTOBER 13, 1925.

207,665. MEN'S AND YOUNG MEN'S SUITS. THE MIDDISHADE COMPANY, Philadelphia, Pa.
Filed August 26, 1925. Serial No. 219,403. PUBLISHED OCTOBER 20, 1925.

207,666. FOOT PERSPIRATION POWDER. MARY ANNA FRYCZ, Detroit, Mich.
Filed August 26, 1925. Serial No. 219,389. PUBLISHED OCTOBER 13, 1925.

207,667. TOILET SOAP, MEDICINAL SOAP, AND SHAVING SOAP. THE J. R. WATKINS COMPANY, Winona, Minn.
Filed August 25, 1925. Serial No. 219,360. PUBLISHED OCTOBER 20, 1925.

207,668. FLAVORED COD-LIVER OIL THE E. L. PATCH COMPANY, Stoneham, Mass.
Filed August 25, 1925. Serial No. 219,347. PUBLISHED OCTOBER 13, 1925.

207,669. HOSIERY. S. J. LEVY & SONS, New York, N. Y.
Filed August 25, 1925. Serial No. 219,341. PUBLISHED OCTOBER 20, 1925.

207,670. HOSIERY. TRIBOND SALES CORPORATION, New York, N. Y.
Filed August 24, 1925. Serial No. 219,316. PUBLISHED OCTOBER 20, 1925.

207,671. HOSIERY. TRIBOND SALES CORPORATION, New York, N. Y.
Filed August 24, 1925. Serial No. 219,315. PUBLISHED OCTOBER 20, 1925.

207,672. HOSIERY. TRIBOND SALES CORPORATION, New York, N. Y.
Filed August 24, 1925. Serial No. 219,314. PUBLISHED OCTOBER 20, 1925.

207,673. SHAMPOO. M. C. RENEAU, doing business as Reneau Laboratory, Houston, Tex.
Filed August 24, 1925. Serial No. 219,305. PUBLISHED OCTOBER 13, 1925.

207,674. FACE POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, PERFUMES, HAIR TONICS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, BATH SALTS, SMELLING SALTS, SACHETS, AND TALCUM POWDERS. S. H. KRESS & CO., New York, N. Y.
Filed August 24, 1925. Serial No. 219,289. PUBLISHED OCTOBER 13, 1925.

207,675. PARAFFIN WAX FOR WASHING PURPOSES AND HARNESS OIL. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J.
Filed May 18, 1925. Serial No. 214,511. PUBLISHED OCTOBER 13, 1925.

207,676. STOCK REMEDY FOR THE ELIMINATION OF WORMS, REMEDY FOR DIARRHEA, COLIC, AND INDIGESTION IN GENERAL. JAMES B. KNOBLOCK, Columbus, Miss.
Filed May 7, 1925. Serial No. 213,977. PUBLISHED OCTOBER 27, 1925.

207,677. DISINFECTANTS, INSECTICIDES, PARASITICIDES, AND FUNGICIDES. ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany.
Filed May 6, 1925. Serial No. 213,877. PUBLISHED OCTOBER 6, 1925.

207,678. PUBLICATION ISSUED SEMIMONTHLY. THE HOOVER COMPANY, North Canton, Ohio.
Filed May 1, 1925. Serial No. 213,647. PUBLISHED OCTOBER 6, 1925.

207,679. PUBLICATION ISSUED MONTHLY. THE HOOVER COMPANY, North Canton, Ohio.
Filed May 1, 1925. Serial No. 213,645. PUBLISHED OCTOBER 6, 1925.

207,680. HAND CARTS. F. J. AUBEUF CO. INC., Oneida, N. Y.
Filed April 30, 1925. Serial No. 213,545. PUBLISHED AUGUST 4, 1925.

207,681. MOVING PICTURES. COLUMBIA PICTURES CORPORATION, New York, N. Y.
Filed April 29, 1925. Serial No. 213,487. PUBLISHED OCTOBER 20, 1925.

207,682. SURFACE-COATED PRINTING, WRITING, WRAPPING, BOOK, AND COVER PAPER. NEW JERSEY COATED PAPER CO., Montclair, N. J.
Filed April 27, 1925. Serial No. 213,396. PUBLISHED OCTOBER 13, 1925.

207,683. SURFACE-COATED PRINTING, WRITING, WRAPPING, BOOK, AND COVER PAPER. NEW JERSEY COATED PAPER CO., Montclair, N. J.
Filed April 27, 1925. Serial No. 213,394. PUBLISHED OCTOBER 13, 1925.

207,684. TYPEWRITER PAPERS, MANUSCRIPT COVERS; BOND, FLAT, AND WRITING PAPERS, AND SECOND SHEETS. BLAKE, MOFFITT & TOWNE, San Francisco, Calif.
Filed April 20, 1925. Serial No. 212,993. PUBLISHED OCTOBER 6, 1925.

207,685. HACK SAWING MACHINES, BAND SAWING MACHINES, METAL-PUNCHING MACHINES, METAL-SHEARING MACHINES, METAL-BENDING MACHINES, DRILL-PRESS VISES, HACK-SAW BLADES, BAND-SAW BLADES, ROD-CUTTING MACHINES, METAL HAND PUNCHES, PORTABLE METAL-PUNCHING MACHINES, AND BENCH METAL-PUNCHING MACHINES. ARMSTRONG-BLUM MANUFACTURING COMPANY, Chicago, Ill.
Filed April 20, 1925. Serial No. 212,990. PUBLISHED OCTOBER 20, 1925.

207,686. BOOK PAPER. GRAHAM PAPER COMPANY, St. Louis, Mo.
Filed April 18, 1925. Serial No. 212,922. PUBLISHED OCTOBER 20, 1925.

207,687. CERTAIN MACHINERY. AMERICAN BLOWER COMPANY, Detroit, Mich.
Filed April 16, 1925. Serial No. 212,773. PUBLISHED OCTOBER 20, 1925.

207,688. BANK NOTES, CHECKS, DRAFTS, CERTIFICATE PAPER, BILLS-OF-EXCHANGE PAPER, WRITING PAPER, LEDGERS, AND BANK BOOKS. DENNISON & SONS, INC., Long Island City, N. Y.
Filed April 8, 1925. Serial No. 212,371. PUBLISHED OCTOBER 6, 1925.

207,689. DRIVING CHAINS. HANS RENOLD LIMITED, Didsbury, near Manchester, England.
Filed April 1, 1925. Serial No. 212,043. PUBLISHED OCTOBER 20, 1925.

207,690. CLOTHES RACKS. LILLIAN M. BENDER, San Francisco, Calif.
Filed March 30, 1925. Serial No. 211,825. PUBLISHED OCTOBER 20, 1925.

207,691. TRANSMISSION, BRAKE, AND FRICTION LININGS. WORLD BESTOS CORPORATION, New York, N. Y.
Filed March 25, 1925. Serial No. 211,649. PUBLISHED OCTOBER 20, 1925.

207,692. ROLLED IRON AND STEEL. MCCLEANE BROWN, Pittsburgh, Pa.
Filed March 21, 1925. Serial No. 211,403. PUBLISHED JUNE 23, 1925.

207,693. BOXED WRITING PAPER, CORRESPONDENCE CARDS, AND MAILING ENVELOPES. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y.
Filed March 5, 1925. Serial No. 210,520. PUBLISHED OCTOBER 6, 1925.

207,694. FOUNTAIN PENS. THE CONKLIN PEN MANUFACTURING CO., Toledo, Ohio.
Filed February 28, 1925. Serial No. 210,290. PUBLISHED OCTOBER 6, 1925.

207,695. PHARMACEUTICAL PRODUCT COMPOSED OF GASTRIC SECRETIONS DERIVED FROM THE STOMACHS OF LIVE PIGS AND SERVING FOR THE TREATMENT OF ILLS OF THE STOMACH AT THE SAME TIME AIDING IN DIGESTION. SOCIÉTÉ ANONYME LABORATOIRE DE PHYSIOLOGIE DU PUITS D'ANGLE, Le Puits D'Angle, par le Chesnay, France.
Filed January 11, 1924. Serial No. 190,710. PUBLISHED OCTOBER 27, 1925.

207,696. PERFUMES, TOILET WATERS, FACE LOTIONS, FACE CREAMS, FACE POWDERS, ROUGES, AND LIP STICK. PARFUMERIE INTERNATIONALE CORDAY, Paris, France.
Filed March 26, 1924. Serial No. 194,465. PUBLISHED OCTOBER 6, 1925.

207,697. LADIES' DRESSES. TOUTMAIN, INC., New York, N. Y.
Filed August 6, 1925. Serial No. 218,509. PUBLISHED OCTOBER 20, 1925.

207,698. NOM DE PLUME FOR A NEWSPAPER SECTION. JOHN HARRY SHANNON, Washington, D. C.
Filed August 5, 1925. Serial No. 218,433. PUBLISHED OCTOBER 27, 1925.

207,699. PHOTOGRAPHIC PRINTS. ANSCO PHOTOPRODUCTS, INC., Binghamton, N. Y.
Filed August 11, 1925. Serial No. 218,682. PUBLISHED OCTOBER 27, 1925.

207,700. ICE CREAM. HONEYCUP ICE CREAM CO., Middlesboro, Ky.
Filed August 13, 1925. Serial No. 218,814. PUBLISHED OCTOBER 20, 1925.

207,701. UNDERGARMENTS OF KNITTED OR TEXTILE FABRICS IN ONE, TWO, AND THREE PIECES. VICTOR L. SUSSBERG, doing business as V. L. Sussberg Co., New York, N. Y.
Filed August 15, 1925. Serial No. 218,933. PUBLISHED OCTOBER 20, 1925.

207,702. BRASSIÈRES, CHILDREN'S BIBS, RUBBER KITCHEN APRONS, BATHING CAPS, AND RUBBER GARTERS. THE OMO MANUFACTURING COMPANY, Middletown, Conn.
Filed August 27, 1925. Serial No. 219,446. PUBLISHED OCTOBER 27, 1925.

207,703. HOSIERY FOR MEN, WOMEN, AND CHILDREN. HOFMAYER DRY GOODS CO., Albany, Ga.
Filed August 28, 1925. Serial No. 219,484. PUBLISHED OCTOBER 27, 1925.

207,704. MEN'S SUITS AND COATS AND WOMEN'S COATS. HART, SCHAFFNER & MARX, Chicago, Ill.
Filed August 29, 1925. Serial No. 219,536. PUBLISHED OCTOBER 27, 1925.

207,705. LADIES' UNDERWEAR OF KNITTED FABRIC AND WOVEN MATERIAL, SUCH AS MILANESE, TRICO CLOTH, OR GLOVE SILK, AND WHICH UNDERWEAR IS PROVIDED WITH SHOULDER STRAPS, SUCH AS VESTS, CORSET COVERS, BRASSIÈRES, STEPINS, AND CHEMISES. PHOENIX HOSIERY COMPANY, Milwaukee, Wis.
Filed August 29, 1925. Serial No. 219,555. PUBLISHED OCTOBER 27, 1925.

207,706. MEDICINAL PREPARATION FOR THE REMOVAL OF CORNS, CALLI, WARTS, AND OTHER ANALOGOUS SKIN AFFECTIONS. S. PFEIFFER MFG. CO., St. Louis, Mo.
Filed August 31, 1925. Serial No. 219,600. PUBLISHED OCTOBER 27, 1925.

207,707. PERFUMES, EAU DE TOILETTE, EAU VEGETALE, FACE POWDER, TALCUM POWDER, SACHET POWDER, AND BATH SALTS. L. T. PIVER, INC., Wilmington, Del., and New York, N. Y.
Filed August 31, 1925. Serial No. 219,602. PUBLISHED OCTOBER 27, 1925.

207,708. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, SACHET, BRILLIANTINE, FACE CREAM, ROUGE, LOTION FOR THE HAIR AND SKIN, AND BATH SALTS. HOUBIGANT, INC., New York, N. Y.
Filed September 1, 1925. Serial No. 219,627. PUBLISHED OCTOBER 27, 1925.

207,709. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, SACHET, BRILLIANTINE, FACE CREAM, ROUGE, LOTION FOR THE HAIR AND SKIN, AND BATH SALTS. HOUBIGANT, INC., New York, N. Y.
Filed September 1, 1925. Serial No. 219,628. PUBLISHED OCTOBER 27, 1925.

207,710. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, SACHET, BRILLIANTINE, FACE CREAM, ROUGE, LOTION FOR THE HAIR AND SKIN, AND BATH SALTS. HOUBIGANT, INC., New York, N. Y.
Filed September 1, 1925. Serial No. 219,629. PUBLISHED OCTOBER 27, 1925.

207,711. MOUTH WASH, A PHARMACEUTICAL PREPARATION. ORTON A. JOHNSON, doing business as The Orton A. Johnson Co., Washington, D. C.
Filed September 1, 1925. Serial No. 219,632. PUBLISHED OCTOBER 27, 1925.

207,712. PREPARATION IN LIQUID FORM FOR STOPPING LEAKS IN RADIATORS. JIFFY MANUFACTURING COMPANY, Huron, S. Dak.
Filed September 1, 1925. Serial No. 219,631. PUBLISHED OCTOBER 27, 1925.

207,713. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, SACHET, BRILLIANTINE, FACE CREAM, ROUGE, LOTION FOR THE HAIR AND SKIN, AND BATH SALTS. HOUBIGANT, INC., New York, N. Y.
Filed September 1, 1925. Serial No. 219,630. PUBLISHED OCTOBER 27, 1925.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

207,714. (CLASS 39. CLOTHING.) VENUS BRASSIERE CO., Chicago, Ill. Filed Oct. 10, 1925. Serial No. 221,577.

DR. KIRK'S
Stayless
HEALTH CORSET

Particular description of goods.—Corsets.
Claims use since Oct. 1, 1923.

207,715. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) OUT WEST MANUFACTURING CO., Denver, Colo. Filed Sept. 26, 1925. Serial No. 220,860.

Interloc
TR-IT

Particular description of goods.—Tire-Casing Boots and Sectional Repairs for Pneumatic-Tire Casings.
Claims use since Jan. 1, 1921.

207,716. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MILLER PARROTT BAKING CO., Terre Haute and Evansville, Ind. Filed Sept. 15, 1925. Serial No. 220,292.

MILLER

Particular description of goods.—Crackers Including Soda Crackers, Butter Crackers, Graham Crackers, Cheese Squares, Sugar Wafers, Biscuits, Cakes, Cookies, Bread and Rolls.
Claims use since 1905.

207,717. (CLASS 39. CLOTHING.) BRAY SHOE COMPANY, Philadelphia, Pa. Filed Aug. 1, 1925. Serial No. 218,241.

DR. SHIBE'S
Normal Tread
FOOT SUPPORT
COMBINATION LAST

Particular description of goods.—Men's, Women's, and Children's Shoes Made of Leather, Rubber, and Fabric.
Claims use since Jan. 2, 1924.

207,718. (CLASS 39. CLOTHING.) LONG'S HAT STORES, New York, N. Y. Filed June 23, 1925. Serial No. 216,274.

LONG'S
ORIGINATORS-DESIGNERS
HATS for PARTICULAR MEN
The LONG STORES NEW YORK
WEAR LIKE THE NAME

Particular description of goods.—Hats for Men, Young Men, and Youths.
Claims use since May 1, 1922.

207,719. (CLASS 39. CLOTHING.) LONG'S HAT STORES, New York, N. Y. Filed June 22, 1925. Serial No. 216,193.

LONG'S
Air-Cushioned
"Cool for Summer Wear"

Particular description of goods.—Men's Hats.
Claims use since May 1, 1924.

207,720. (CLASS 39. CLOTHING.) LONG'S HAT STORES, New York, N. Y. Filed June 20, 1925. Serial No. 216,110.

LONG'S
Comfort-Cushioned
"Fits easy on the head"

Particular description of goods.—Men's Hats.
Claims use since May 1, 1924.

207,721. (CLASS 39. CLOTHING.) FORSYTHE SHOE CORPORATION, INC., New York, N. Y. Filed April 21, 1925. Serial No. 213,074.

THE FORSYTHE SHOE

Particular description of goods.—Men's, Women's, and Children's Boots, Shoes, and Oxfords of Leather, Rubber, and Fabric, and Combinations of Those Materials.
Claims use since July, 1924.

207,722. (CLASS 39. CLOTHING.) JACOB COHEN, doing business as Crescent Rubber Company, New York, N. Y. Filed Apr. 11, 1925. Serial No. 211,980.

Crescent

Particular description of goods.—Rubber Raincoats, Aprons, Rubber Ponchos, and Oiled Aprons.
Claims use since Nov. 7, 1923.

207,723. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) SAFETY PIPE, INC., New York, N. Y. Filed Feb. 16, 1925. Serial No. 209,699.

SAFE-TEE

Particular description of goods.—Pipes.
Claims use since November, 1924.

207,724. (CLASS 39. CLOTHING.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Jan. 12, 1925. Serial No. 207,980.

No-Rip

Particular description of goods.—Men's, Women's, and Children's Underwear Made of Nainsook, Madras, and All-Cotton, and Silk and Cotton Fabrics.
Claims use since Nov. 3, 1924.

207,725. (CLASS 20. LINOLEUM AND OILED CLOTH.) THE STANDARD TEXTILE PRODUCTS COMPANY, New York, N. Y. Filed Dec. 17, 1924. Serial No. 206,865.

FLANNELETTE

Particular description of goods.—Table Oilcloth, Shelf Coverings, and Decorative Oilcloth.
Claims use since Nov. 1, 1924.

207,726. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WAKEWELL PRODUCTS COMPANY, INCORPORATED, New York, N. Y. Filed Dec. 5, 1924. Serial No. 206,333.

HEALTH JAM

Particular description of goods.—Laxative.
Claims use since Nov. 1, 1924.

207,727. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) ALLEN BOOSER, Dover, N. J. Filed Nov. 24, 1924. Serial No. 205,736.

BEST-YET

Particular description of goods.—A Liquid Polish for Automobiles.
Claims use since Aug. 30, 1924.

207,728. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) COOK LABORATORIES, INC., Chicago, Ill. Filed Oct. 25, 1924. Serial No. 204,396.

COOK

Particular description of goods.—Hypodermic Syringes and Needles.
Claims use since January, 1921.

207,729. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) LUDWIG STARK, Chicago, Ill. Filed Oct. 20, 1924. Serial No. 204,206.

STARK

Particular description of goods.—Wrenches.
Claims use since July 15, 1924.

207,730. (CLASS 39. CLOTHING.) SERVICE GARMENT COMPANY, Gainesville, Tex. Filed Oct. 11, 1924. Serial No. 203,758.

SPECIAL

Particular description of goods.—Overalls, Jumpers; Dress, Work, and Under Shirts; Unionalls and Children's Play Suits.
Claims use since Sept. 1, 1924.

207,731. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) JOHNSON BELTING COMPANY, INC., New York, N. Y. Filed Sept. 29, 1924. Serial No. 203,181.

NIAGARA

Particular description of goods.—Leather Belting.
Claims use since August, 1911.

207,732. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) SAMUEL HARRIS & Co., Chicago, Ill. Filed Aug. 13, 1924. Serial No. 201,343.

LONGLIFE

Particular description of goods.—Augers and Bits, Bearings, Chisels and Chisel Handles, Drills and Drill Rods, Files and File Handles, Saws and Saw Handles and Blades, Hammers and Hammer Handles, Solder Tools and Handles, Hatchets and Hatchet Handles, Axes and Ax Handles, Lathes, Drill Presses, Scoops, Screw Drivers and Handles, Shovels and Picks and Handles.
Claims use since August, 1923.

207,733. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) SULLIVAN MACHINERY COMPANY, Boston, Mass., and Chicago, Ill. Filed July 14, 1924. Serial No. 200,018.

BUSTER

Particular description of goods—Percussive Concrete or Pavement Breakers.
Claims use since June 22, 1923.

207,734. (CLASS 31. FILTERS AND REFRIGERATORS.) HARRY L. HUSSMANN REFRIGERATOR COMPANY, St. Louis, Mo. Filed Oct. 12, 1925. Serial No. 221,614.

Better Poultry
Cleaner Poultry
Quicker Service

Particular description of goods.—Show-Case Refrigerators.
Claims use since Sept. 14, 1923.

207,735. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRED L. HILMER COMPANY, San Francisco, Calif. Filed Oct. 16, 1925. Serial No. 221,832.

BURDELL

Particular description of goods.—Butter.
Claims use since 1917.

207,736. (CLASS 31. FILTERS AND REFRIGERATORS.) HARRY L. HUSSMANN REFRIGERATOR COMPANY, St. Louis, Mo. Filed Oct. 12, 1925. Serial No. 221,615.

Better Fish
Cleaner Fish
Quicker Service

Particular description of goods.—Show-Case Refrigerators.
Claims use since Sept. 14, 1923.

207,737. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PERRY'S CANDY CO. INC., Long Island City, N. Y. Filed Nov. 21, 1925. Serial No. 223,654.

Perry's

Particular description of goods.—Chocolates and Candies.
Claims use since 1919.

207,738. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE WAGNER MANUFACTURING COMPANY, Sidney, Ohio. Filed Nov. 4, 1925. Serial No. 222,806.

WAGNER WARE

Particular description of goods.—Pots, Kettles, Teakettles, Pans, Baking Pans, Saucepans, Frying Pans, Skillets, Roasters, Dutch Ovens, Steam Cookers, Waffle Irons, Griddles, and Percolators.
Claims use since 1914.

207,739. (CLASS 39. CLOTHING.) CLUETT, PEABODY & Co. INC., Troy, N. Y. Filed Oct. 29, 1925. Serial No. 222,498.

HUME

Particular description of goods.—Negligee and Dress Shirts.
Claims use since Sept. 20, 1924.

207,740. (CLASS 28. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE MAXIM SILENCER COMPANY, Hartford, Conn. Filed Oct. 28, 1925. Serial No. 222,471.

MAXIM SILENCER

Particular description of goods.—Mufflers for Quieting Explosive and Other Noises of Oil and Gas Engines and Air Compressors.
Claims use since July 1, 1912.

207,741. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILSON'S EVERLASTING FLESH REDUCING METHOD, Chicago, Ill. Filed Oct. 26, 1925. Serial No. 222,359.

Wilson Everlasting Flesh Reducing Solution

Particular description of goods.—Flesh-Reducing Lotion.
Claims use since Nov. 1, 1921.

207,742. (CLASS 45. BEVERAGES, NONALCOHOLIC.) ALBERT HAINES & SON, Masonville, N. J. Filed Oct. 20, 1925. Serial No. 222,027.

Larchmont Brand

Particular description of goods.—Apple Juice.
Claims use since October, 1924.

207,743. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HOFF METAL PRODUCTS COMPANY, New York, N. Y. Filed Oct. 17, 1925. Serial No. 221,901.

HOFF

Particular description of goods.—Tire Chains.
Claims use since about Sept. 30, 1924.

207,744. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) UEHLING INSTRUMENT COMPANY, Paterson, N. J. Filed Nov. 1, 1924. Serial No. 204,731.

APEX

Particular description of goods.—Indicating and Recording Instruments of All Kinds, Automatic Gas Analyzers, Pressure and Vacuum Gauges, CO_2 Recorders, CO_2 Meters, Pyrometers, Draft Indicators and Recorders.
Claims use since Oct. 25, 1924.

207,745. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed June 27, 1925. Serial No. 216,526.

PAISLEY

Particular description of goods.—Piece Goods—Namely, Dress Ginghams.
Claims use since Dec. 1, 1924.

207,746. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAULS VALLEY GRAIN & SEED CO., Pauls Valley, Okla. Filed Oct. 9, 1925. Serial No. 221,505.

AVERY'S SPECIAL

Particular description of goods.—Wheat Flour.
Claims use since June, 1923.

207,747. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) TUNIS J. DYKEMA, doing business as Pennsylvania Glass Products Company, Pittsburgh, Pa. Filed Oct. 23, 1925. Serial No. 222,168.

PERFECTION

Particular description of goods.—Medicine Droppers, Clinical Thermometers, and Dropper-Stopper Bottles.
Claims use since Oct. 15, 1922.

207,748. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) J. W. SMITH & SONS, New York, N. Y. Filed Oct. 29, 1925. Serial No. 222,526.

Smithson

Particular description of goods.—Woolen Piece Goods.
Claims use since 1914.

207,749. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) OHMER FARE REGISTER COMPANY, Dayton, Ohio. Filed Nov. 27, 1925. Serial No. 223,935.

Richard POPP

Particular description of goods.—Taximeters.
Claims use since 1913.

TRADE-MARK REGISTRATIONS RENEWED

45,614. SHELLAC VARNISH AND GUM SHELLAC. Registered August 22, 1905. ROGERS & PYATT, INC. Renewed August 22, 1925, to Rogers-Pyatt Shellac Company, New York, N. Y., a Corporation of New York, successor.

45,870. ATOMIZERS, BULB AND FOUNTAIN SYRINGES. Registered August 29, 1905. THE S. H. WETMORE COMPANY, New York, N. Y., a Corporation of New York. Renewed August 29, 1925.

46,525. STAINS OR FINISHES. Registered September 26, 1905. PRATT & LAMBERT. Renewed September 26, 1925, to Pratt & Lambert, Inc., Buffalo, N. Y., a Corporation of New York.

46,821. HOSIERY. Registered October 10, 1905. AMERICAN STOCKING COMPANY. Renewed October 10, 1925, to Marshall S. Ely, New York, N. Y., assignee.

47,134. FABRIC HOSE. Registered October 31, 1905. AMERICAN MULTIPLE FABRIC CO., Providence, R. I., a Corporation of Rhode Island. Renewed October 31, 1925.

47,185. LEATHER BOOTS AND SHOES. Registered October 31, 1905. KEIFFER BROTHERS. Renewed October 31, 1925, to Keiffer Bros. Co., New Orleans, La., a Corporation of Louisiana, assignee.

47,344. CERTAIN NAMED MEDICINE. Registered October 31, 1905. THE GEER DRUG COMPANY, Charleston, S. C., a Corporation of South Carolina. Renewed October 31, 1925.

47,478. BLANKETS. Registered November 7, 1905. AMERICAN MULTIPLE FABRIC CO., Providence, R. I., a Corporation of Rhode Island. Renewed November 7, 1925.

47,486. BITTER CORDIAL. Registered November 7, 1905. LOUIS E. JUNG, New Orleans, La. Renewed November 7, 1925.

47,694. LAMP GLASSES AND GLOBES. Registered November 14, 1905. MACBETH-EVANS GLASS COMPANY, Pittsburgh, Pa., a Corporation of Pennsylvania. Renewed November 14, 1925.

47,696. LAMP GLASSES AND GLOVES. Registered November 14, 1905. MACBETH-EVANS GLASS COMPANY, Pittsburgh, Pa., a Corporation of Pennsylvania. Renewed November 14, 1925.

47,697. LAMP GLASSES AND GLOBES. Registered November 14, 1905. MACBETH-EVANS GLASS COMPANY, Pittsburgh, Pa., a Corporation of Pennsylvania. Renewed November 14, 1925.

47,698. LAMP GLASSES AND GLOBES. Registered November 14, 1905. MACBETH-EVANS GLASS COMPANY, Pittsburgh, Pa., a Corporation of Pennsylvania. Renewed November 14, 1925.

47,718. BOOKS. Registered November 14, 1905. R. S. & A. B. LACEY. Renewed November 14, 1925, to Lacey & Lacey, Washington, D. C., successor.

47,770. TABLE AND DAIRY SALT. Registered November 21, 1905. COLONIAL SALT COMPANY. Renewed November 21, 1925, to The Colonial Salt Company, Akron, Ohio, a Corporation of Ohio, successor.

47,771. TABLE AND DAIRY SALT. Registered November 21, 1905. COLONIAL SALT COMPANY. Renewed November 21, 1925, to The Colonial Salt Company, Akron, Ohio, a Corporation of Ohio, successor.

47,793. TABLE AND DAIRY SALT. Registered November 21, 1905. COLONIAL SALT COMPANY. Renewed November 21, 1925, to The Colonial Salt Company, Akron, Ohio, a Corporation of Ohio, successor.

47,817. REMEDIES FOR DISEASES OF THE STOMACH AND BOWELS. Registered November 21, 1905. SULTAN DRUG CO., St. Louis, Mo., a Corporation of Missouri. Renewed November 21, 1925.

48,105. STEEL PENS. Registered December 12, 1905. HALL BROTHERS, Barre, Vt. Renewed December 12, 1925, to The Birmingham Pen Co. Inc., Boston, Mass., a Corporation of Massachusetts, assignee.

48,132. RINGS. Registered December 12, 1905. JONES & WOODLAND. Renewed December 12, 1925, to Jones & Woodland, Newark, N. J., a Corporation of New Jersey, successor.

48,208. MACHINE KNIVES. Registered December 19, 1905. LORING COES & COMPANY, INC., Worcester, Mass., A Corporation of Massachusetts. Renewed December 19, 1925.

48,441. MEDICAL COMPOUND. Registered December 26, 1905. SARAH HOLDEN EVERETT HAYDEN, Bedford, Springs, Mass. Renewed December 26, 1925, to Arthur H. Hayden, trustee under the will of William R. Hayden, Bedford, Mass., assignee.

48,442. MACHINE BLADES OR KNIVES. Registered December 26, 1905. LORING COES & COMPANY, INC., Worcester, Mass., a Corporation of Massachusetts. Renewed December 26, 1925.

48,448. HAIR CLIPPERS. Registered January 2, 1906. BROWN & SHARPE MANUFACTURING COMPANY. Renewed January 2, 1926, to Brown & Sharpe Mfg. Co., Providence, R. I., a Corporation of Rhode Island.

48,927. CANDIES OF ALL KINDS. Registered January 16, 1906. J. G. MCDONALD CANDY CO. Renewed January 16, 1926, to J. G. McDonald Chocolate Company, Salt Lake City, Utah, a Corporation of Utah, successor.

48,987. DRIED AND EVAPORATED FRUITS. Registered January 16, 1906. GRIFFIN & SKELLEY CO. Renewed January 16, 1926, to California Packing Corporation, San Francisco, Calif., a Corporation of New York, assignee.

48,988. DRIED AND EVAPORATED FRUITS. Registered January 16, 1906. GRIFFIN & SKELLEY CO. Renewed January 16, 1926, to California Packing Corporation, San Francisco, Calif., a Corporation of New York, assignee.

48,989. DRIED AND EVAPORATED FRUITS. Registered January 16, 1906. GRIFFIN & SKELLEY CO. Renewed January 16, 1926, to California Packing Corporation, San Francisco, Calif., a Corporation of New York, assignee.

49,065. COTTON PIECE GOODS. Registered January 23, 1906. CLARENCE WHITMAN & CO. Renewed January 23, 1926, to Clarence Whitman & Sons, Inc., New York, N. Y., a Corporation of New York, assignee.

49,086. COD-LIVER OIL. Registered January 23, 1906. WATERBURY CHEMICAL COMPANY, Des Moines, Iowa, a Corporation of Iowa. Renewed January 23, 1926.

49,090. WIRE NAILS. Registered January 23, 1906. CHARLES F. BAKER & CO. Renewed January 23, 1926, to Charles F. Baker & Co., Inc., Boston, Mass., a Corporation of Massachusetts, successor.

49,268. HOSIERY. Registered January 30, 1906. AMERICAN STOCKING COMPANY. Renewed January 30, 1926, to Marshall S. Ely, New York, N. Y., assignee.

49,271. BRONCHIAL LOZENGES AND THROAT TABLETS. Registered January 30, 1906. FROG IN YOUR THROAT CO., New York, N. Y. Renewed January 30, 1926, to Frog in Your Throat Company, Philadelphia, Pa., a Corporation of Delaware.

49,564. MEDICAL COMPOUND. Registered February 13, 1906. SARAH HOLDEN EVERETT HAYDEN, Bedford Springs, Mass. Renewed February 13, 1926, to Arthur H. Hayden, trustee under the will of William R. Hayden, Bedford, Mass., assignee.

49,599. SEWING MACHINES. Registered February 13, 1906. THE SINGER MANUFACTURING COMPANY, New York, N. Y. Renewed February 13, 1926, to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey.

49,600. SEWING MACHINES. Registered February 13, 1906. THE SINGER MANUFACTURING COMPANY, New York, N. Y. Renewed February 13, 1926, to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey.

49,601. SEWING-MACHINE STANDS AND THEIR PARTS AND ATTACHMENTS. Registered February 13, 1906. THE SINGER MANUFACTURING COMPANY, New York, N. Y. Renewed February 13, 1926, to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey.

49,602. SEWING MACHINES. Registered February 13, 1906. THE SINGER MANUFACTURING COMPANY, New York, N. Y. Renewed February 13, 1926, to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey.

49,603. SEWING MACHINES. Registered February 13, 1906. THE SINGER MANUFACTURING COMPANY, New York, N. Y. Renewed February 13, 1926, to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey.

49,604. SEWING MACHINES. Registered February 13, 1906. THE SINGER MANUFACTURING COMPANY, New York, N. Y. Renewed February 13, 1926, to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey.

49,605. SEWING MACHINES. Registered February 13, 1906. THE SINGER MANUFACTURING COMPANY, New York, N. Y. Renewed February 13, 1926, to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey.

49,895. AMMONIA COMPRESSORS. Registered February 20, 1906. VULCAN IRON WORKS, San Francisco, Calif., a Corporation of California. Renewed February 20, 1926.

50,022. LAGER BEER. Registered February 27, 1906. THE J. CHR. G. HUPFEL BREWING CO. Renewed February 27, 1926, to J. Chr. G. Hupfel Co. Inc., New York, N. Y., a Corporation of New York, successor.

50,065. JAMS AND JELLIES. Registered February 27, 1906. WILKINSON, GADDIS & CO., Newark, N. J., a Corporation of New Jersey. Renewed February 27, 1926.

50,195. COTTON, SILK, HEMP, AND OTHER FIBER THREADS. Registered March 6, 1906. THE SINGER MANUFACTURING COMPANY, New York, N. Y. Renewed March 6, 1926, to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey.

50,235. WORM POWDER. Registered March 6, 1906. DR. HESS & CLARK. Renewed March 6, 1926, to Dr. Hess & Clark, Inc., Ashland, Ohio, a Corporation of Ohio, successor.

50,349. CHILDREN'S UNDERWAISTS. Registered March 13, 1906. THE H. & W. COMPANY, Newark, N. J., a Corporation of New Jersey. Renewed March 13, 1926.

50,403. STEAM PUMPING ENGINES AND STEAM PUMPS. Registered March 13, 1906. WHEELER CONDENSER & ENGINEERING CO., New York, N. Y. Renewed March 13, 1926, to Wheeler Condenser & Engineering Co., Carteret, N. J., a Corporation of New Jersey.

50,516. ESCHAROTICS. Registered March 20, 1906. LLOYD BROTHERS. Renewed March 20, 1926, to Lloyd Brothers, Pharmacists, Inc., Cincinnati, Ohio, a Corporation of Ohio, assignee.

50,518. PHARMACEUTICAL PREPARATIONS. Registered March 20, 1906. LLOYD BROTHERS. Renewed March 20, 1926, to Lloyd Brothers, Pharmacists, Inc., Cincinnati, Ohio, a Corporation of Ohio, assignee.

50,519. ANTISEPTICS OR GERMICIDES. Registered March 20, 1906. LLOYD BROTHERS. Renewed March 20, 1926, to Lloyd Brothers, Pharmacists, Inc., Cincinnati, Ohio, a Corporation of Ohio, assignee.

50,545. WATCHES, WATCHCASES, AND WATCH MOVEMENTS. Registered March 20, 1906. D. GRUEN & SONS. Renewed March 20, 1926, to The Gruen Watch Company, Cincinnati, Ohio, a Corporation of Ohio, assignee.

50,586. ROPE. Registered March 27, 1906. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a Corporation of New York. Renewed March 27, 1926.

50,772. VELVETEENS. Registered March 27, 1906. A. WIMPFHEIMER AND BROTHER. Renewed March 27, 1926, to A. Wimpfheimer & Bro. Inc., New York, N. Y., a Corporation of New York, assignee.

50,792. POTASH, LYE, AND CAUSTIC SODA. Registered March 27, 1906. A. MENDLESON'S SONS. Renewed March 27, 1926, to B. T. Babbitt, Albany, N. Y., a Corporation of New Jersey, assignee.

50,794. COATS AND TROUSERS. Registered March 27, 1906. J. SAMUELS & BRO. Renewed March 27, 1926, to The Outlet Company, Providence, R. I., a Corporation of Rhode Island, assignee by mesne assignments.

50,801. A MEDICINE FOR THE CURE OF LIVER AND KIDNEY DISEASES. Registered March 27, 1906. THOMPSON MEDICAL COMPANY, Titusville, Pa., a Corporation of Pennsylvania. Renewed March 27 1926.

50,811. CARRIAGES. Registered April 3, 1906. H. H. BABCOCK COMPANY, Watertown, N. Y., a Corporation of New York. Renewed April 3, 1926.

50,817. BABBITT METAL AND ANTIFRICTION AND BEARING METALS. Registered April 3, 1906. JOHN FINN METAL WORKS, San Francisco, Calif., a Corporation of California. Renewed April 3, 1926.

50,818. BABBITT METAL AND ANTIFRICTION AND BEARING METALS. Registered April 3, 1906. JOHN FINN METAL WORKS, San Francisco, Calif., a Corporation of California. Renewed April 3, 1926.

50,819. ANTIFRICTION AND BEARING METALS. Registered April 3, 1906. JOHN FINN METAL WORKS, San Francisco, Calif., a Corporation of California. Renewed April 3, 1926.

50,879. SOAP. Registered April 3, 1906. KENDALL MFG. CO., Providence, R. I., a Corporation of Rhode Island. Renewed April 3, 1926.

50,903. TOILET AND LAUNDRY SOAP. Registered April 3, 1906. HASKINS BROS. & CO., Sioux City, Iowa, and Omaha, Nebr., a Corporation of Iowa. Renewed April 3, 1926.

50,929. OINTMENTS. Registered April 3, 1906. FOSTER-MILBURN CO., Buffalo, N. Y., a Corporation of New York. Renewed April 3, 1926.

50,932. TOOL STEEL AND STEEL BARS, RODS, AND SHEETS. Registered April 3, 1906. HAWKRIDGE BROS. Renewed April 3, 1926, to Hawkridge Brothers Company, Boston, Mass., a Corporation of Massachusetts, assignee.

50,994. ORNAMENTAL POTTERY WARE. Registered April 3, 1906. THE AMERICAN TERRA COTTA AND CERAMIC COMPANY. Renewed April 3, 1926, to American Terra Cotta & Ceramic Company, Chicago, Ill., a Corporation of Illinois.

50,995. CHEMICAL COMPOUNDS. Registered April 3, 1906. THE BIRD-ARCHER COMPANY, New York, N. Y., a Corporation of New Jersey. Renewed April 3, 1926.

51,052. GARDEN, TRUCKING, AND FLOWER SEEDS AND BULBS. Registered April 3, 1906. GEORGE TAIT & SONS. Renewed April 3, 1926, to Geo. Tait & Sons, Inc., Norfolk, Va., a Corporation of Virginia, assignee.

51,073. REMEDY FOR CERTAIN NAMED DISEASES. Registered April 3, 1906. G. C. HANFORD MANUFACTURING CO., Syracuse, N. Y., a Corporation of New York. Renewed April 3, 1926.

51,110. MATTRESSES. Registered April 3, 1906. THE JOHN BREUNER COMPANY, San Francisco, Calif. Renewed April 3, 1926, to John Breuner Co., Sacramento, Calif., a Corporation of California, assignee.

51,120. CIDER VINEGAR. Registered April 3, 1906. CHAS. E. METEA & Co., Freeport, Ill., a Corporation of Illinois. Renewed April 3, 1926.

51,165. SILK PIECE GOODS. Registered April 3, 1906. CLARENCE WHITMAN & CO. Renewed April 3, 1926, to Clarence Whitman & Sons, Inc., New York, N. Y., a Corporation of New York, assignee.

51,225. CIGARS. Registered April 10, 1906. E. H. GATO CIGAR COMPANY, Key West, Fla., a Corporation of West Virginia. Renewed April 10, 1926.

51,263. VARNISHES, FINISHES, JAPANS, AND FILLERS. Registered April 10, 1906. CHAS. H. GILLESPIE & SONS. Renewed April 10, 1926, to Gillespie Varnish Company, Jersey City, N. J., a Corporation of New Jersey, assignee.

51,274. BONE RINGS. Registered April 10, 1906. THE ROGERS & HUBBARD CO., Middletown, Conn. Renewed April 10, 1926, to The Rogers Manufacturing Company, Rockfall, Conn., a Corporation of Connecticut, assignee.

51,325. HAMS, SHOULDERS, AND BACON. Registered April 10, 1906, to The J. & F. Schroth Pack Co. Renewed April 10, 1926, to The J. & F. Schroth Packing Company, Cincinnati, Ohio, a Corporation of Ohio.

51,348. REMEDIES FOR SKIN AND SCALP DISEASES. Registered April 10, 1906. OTTO J. HARTWIG, Chicago, Ill. Renewed April 10, 1926.

51,353. BICYCLES. Registered April 10, 1906. HENRY KEIDEL. Renewed April 10, 1926, to Henry Keidel & Co. Inc., Baltimore, Md., a Corporation of Maryland, assignee.

51,355. FILLED GELATIN CAPSULES. Registered April 10, 1906. JOHN RUTGERT PLANTEN, New York, N. Y. Renewed April 10, 1926, to Planten & Son, Inc., Brooklyn, N. Y., a Corporation of New York, assignee.

51,356. FILLED GELATIN CAPSULES. Registered April 10, 1906. JOHN RUTGERT PLANTEN, New York, N. Y. Renewed April 10, 1926, to Planten & Son, Inc., Brooklyn, N. Y., a Corporation of New York, assignee.

51,417. CIGARS. Registered April 17, 1906. THE DIESEL-WEMMER CO., Lima, Ohio, a Corporation of Ohio. Renewed April 17, 1926.

51,559. GALL CURE. Registered April 17, 1906. Dr. HESS & CLARK. Renewed April 17, 1926, to Dr. Hess and Clark, Inc., Ashland, Ohio, a Corporation of Ohio, successor.

51,560. POWDER FOR KILLING VERMIN AND DISINFECTING. Registered April 17, 1906. Dr. HESS & CLARK. Renewed April 17, 1926, to Dr. Hess and Clark, Inc., Ashland, Ohio, a Corporation of Ohio, successor.

51,622. MEDICINAL, RESTORATIVE, AND REGULATIVE COMPOUNDS. Registered April 17, 1906. JOSEPH H. SCHENCK. Renewed April 17, 1926, to Joseph H. Schenck, jr., Philadelphia, Pa., successor.

51,635. A LIQUID PREPARATION FOR THE CURE OF RHEUMATISM. Registered April 17, 1906. B. T. DAVIS. Renewed April 17, 1926, to Benajah T. Davis, Huntington, W. Va.

51,646. AN ANTISEPTIC FOR LOCAL AND INTERNAL USE. Registered April 17, 1906. H. K. MULFORD COMPANY, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed April 17, 1926.

51,673. INTERNAL REMEDIES FOR HEADACHES. Registered April 17, 1906. G. VAN ANTWERP & SON. Renewed April 17, 1926, to Van Antwerp's Drug Corporation, Inc., Mobile, Ala., a Corporation of Alabama, successor.

51,797. HOES. Registered April 24, 1906. HENRY KEIDEL. Renewed April 24, 1926, to Henry Keidel & Co. Inc., Baltimore, Md., a Corporation of Maryland, successor.

51,907. PERFUMED POWDERS. Registered April 24, 1906. EDDY PALMER. Renewed April 24, 1926, to Solon Palmer, New York, N. Y., a Corporation of New York, assignee.

51,943. PERFUMES, EXTRACTS, ESSENCES, COLOGNES, AND TOILET WATERS. Registered April 24, 1906. EDDY PALMER. Renewed April 24, 1926, to Solon Palmer, New York, N. Y., a Corporation of New York, assignee.

51,944. LOTIONS FOR AFFECTIONS OF THE SKIN. Registered April 24, 1906. EDDY PALMER. Renewed April 24, 1926, to Solon Palmer, New York, N. Y., a Corporation of New York, assignee.

51,992. RAZORS. Registered May 1, 1906. HENRY KEIDEL. Renewed May 1, 1926, to Henry Keidel & Co. Inc., Baltimore, Md., a Corporation of Maryland, assignee.

52,007. A LUBRICATING GREASE. Registered May 1, 1906. ADAM COOK'S SONS. Renewed May 1, 1926, to Adam Cook's Sons, Inc., New York, N. Y., a Corporation of New York, assignee.

52,011. LAGER BEER. Registered May 1, 1906. JOSEPH SCHLITZ BREWING COMPANY. Renewed May 1, 1926, to Jos. Schlitz Beverage Company, Milwaukee, Wis., a Corporation of Wisconsin, assignee.

52,033. SPOOL COTTON. Registered May 1, 1906. BLODGETT & ORSWELL CO., Pawtucket, R. I., a Corporation of Rhode Island. Renewed May 1, 1926.

52,088. SPOOL COTTON. Registered May 1, 1906. BLODGETT & ORSWELL CO., Pawtucket, R. I., a Corporation of Rhode Island. Renewed May 1, 1926.

52,099. SPOOL COTTON. Registered May 1, 1906. JOHN J. CLARK & CO. Renewed May 1, 1926, to Blodgett & Orswell Co., Pawtucket, R. I., a Corporation of Rhode Island, assignee.

52,100. SPOOL COTTON. Registered May 1, 1906. JOHN J. CLARK & CO. Renewed May 1, 1926, to Blodgett & Orswell Co., Pawtucket, R. I., a Corporation of Rhode Island, assignee.

52,101. SPOOL COTTON. Registered May 1, 1906. JOHN J. CLARK & CO. Renewed May 1, 1926, to Blodgett & Orswell Co., Pawtucket, R. I., a Corporation of Rhode Island, assignee.

52,102. SPOOL COTTON. Registered May 1, 1906. JOHN J. CLARK & CO. Renewed May 1, 1926, to Blodgett & Orswell Co., Pawtucket, R. I., a Corporation of Rhode Island, assignee.

52,175. INSECT KILLER OR EXTERMINATOR. Registered May 1, 1906. DR. HESS & CLARK. Renewed May 1, 1926, to Dr. Hess & Clark, Inc., Ashland, Ohio, a Corporation of Ohio, successors.

52,210. LINIMENT. Registered May 1, 1906. MINARD'S LINIMENT MANUFACTURING COMPANY, Framingham and Boston, Mass. Renewed May 1, 1926, to Minard Company, Framingham, Mass., a Corporation of Massachusetts, assignee.

52,255. CHESTNUT-OAK EXTRACT. Registered May 1, 1906. CLINTON A. SPENCER. Renewed May 1, 1926, to C. A. Spencer & Son Company, Boston, Mass., a Corporation of Massachusetts, assignee.

52,279. ELASTIC STOCKINGS. Registered May 8, 1906. POMEROY COMPANY, New York, N. Y., a Corporation of New York. Renewed May 8, 1926.

52,300. LAUNDRY AND TOILET SOAP. Registered May 8, 1906. GRAND UNION TEA COMPANY, Brooklyn, N. Y., a Corporation of New Jersey. Renewed May 8, 1926.

52,305. LEDGERS. Registered May 8, 1906. THE RICHMOND & BACKUS CO., Detroit, Mich., a Corporation of Michigan. Renewed May 8, 1926.

52,325. BAKING POWDER. Registered May 8, 1906. GRAND UNION TEA CO., Brooklyn, N. Y., a Corporation of New Jersey. Renewed May 8, 1926.

52,366. LOCK WASHERS AND NUT LOCKS. Registered May 8, 1906. THE NATIONAL LOCK WASHER COMPANY, Newark, N. J., a Corporation of New Jersey. Renewed May 8, 1926.

52,372. PISTON WELL PUMPS. Registered May 8, 1906. RED JACKET MANUFACTURING COMPANY, Davenport, Iowa, a Corporation of Iowa. Renewed May 8, 1926.

52,381. SPECTACLES AND EYEGLASSES AND THEIR MOUNTINGS AND PARTS. Registered May 8, 1906. STEVENS AND COMPANY, Providence, R. I. Renewed May 8, 1926, to Bausch & Lomb Optical Company, Rochester, N. Y., a Corporation of New York, assignee.

52,387. LATHES. Registered May 8, 1906. VANDYCK CHURCHILL COMPANY, New York, N. Y., a Corporation of New York. Renewed May 8, 1926.

52,391. FERTILIZERS. Registered May 8, 1906. THE AMERICAN AGRICULTURAL CHEMICAL CO. Renewed May 8, 1926, to The American Agricultural Chemical Company, New York, N. Y., a Corporation of Connecticut.

52,417. RUBBER ERASERS. Registered May 8, 1906. EBERHARD FABER, New York, N. Y. Renewed May 8, 1926, to Eberhard Faber Pencil Company, Brooklyn, N. Y., a Corporation of New York, assignee.

52,456. SARSAPARILLA. Registered May 8, 1906. LANMAN & KEMP. Renewed May 8, 1926, to Lanman & Kemp, Inc., New York, N. Y., a Corporation of New York, assignee.

52,560. NONALCOHOLIC FOOD DRINKS WHICH ARE PRODUCED FROM A CEREAL. Registered May 15, 1906. POSTUM CEREAL CO., LIMITED, Battle Creek, Mich. Renewed May 15, 1926, to Postum Cereal Company, Incorporated, Battle Creek, Mich., and New York, N. Y., a Corporation of Delaware, assignee.

52,662. RANGE BOILERS. Registered May 15, 1906. HAYES MFG. CO., Paterson, N. J., a Corporation of New Jersey. Renewed May 15, 1926.

52,715. REMEDIES FOR INTERNAL USE. Registered May 15, 1906. CHESTER KENT & CO., Boston, Mass. Renewed May 15, 1926, to Chester Kent & Co., Inc., Detroit, Mich., a Corporation of Massachusetts, assignee.

52,758. MALT EXTRACTS. Registered May 15, 1906. M. K. GOETZ BREWING CO., St. Joseph, Mo., a Corporation of Missouri. Renewed May 15, 1926.

52,806. HAIR-DRESSING. Registered May 15, 1906. CARRIE V. DORMAN, Washington, D. C. Renewed May 15, 1926.

52,817. LANTERN BURNERS. Registered May 15, 1906. R. E. DIETZ COMPANY, New York, N. Y., a Corporation of New York. Renewed May 15, 1926.

53,196. ANTISEPTICS OR GERMICIDES. Registered May 29, 1906. JAMES F. BALLARD. Renewed May 29, 1926, to James F. Ballard, Inc., St. Louis, Mo., a Corporation of Missouri, successor.

53,197. ANTISEPTICS OR GERMICIDES. Registered May 29, 1906. JAMES F. BALLARD. Renewed May 29, 1926, to James F. Ballard, Inc., St. Louis, Mo., a Corporation of Missouri, successor.

53,239. GERMICIDE AND ANTISEPTIC COMPOUND. Registered May 29, 1906. JAMES F. BALLARD. Renewed May 29, 1926, to James F. Ballard, Inc., St. Louis, Mo., a Corporation of Missouri, successor.

LABELS

REGISTERED JANUARY 5, 1926.

29,738.—*Title:* THE ORIGINAL CROTCHLESS SUIT. For Swimming Suits. COLUMBIA KNITTING MILLS INC., Portland, Oreg. Published October 25, 1925.

29,739.—*Title:* THE EMMERICH PERFECT PILLOW IN A PACKAGE. For Pillows and Containers THEREFOR. CHAS. EMMERICH & CO., Chicago, Ill. Published July 1, 1924.

29,740.—*Title:* BAGDAD. For Coffee. HAAS-BARUCH & Co., Los Angeles, Calif. Published October 15, 1925.

29,741.—*Title:* COFFEE. For Coffee. THE HARNIT & HEWITT CO., Toledo, Ohio. Published July 1, 1925.

29,742.—*Title:* SPICES. For Spices. THE HARNIT & HEWITT CO., Toledo, Ohio. Published September 1, 1925.

29,743.—*Title:* DEATHLINE DISINFECTANT. For Disinfectant Preparation. JANITOR'S SUPPLY HOUSE, INC., Baltimore, Md. Published February 1, 1923.

29,744.—*Title:* N. G. CO., For Tea. NATIONAL GROCERY COMPANY, Jersey City, N. J. Published May 15, 1925.

29,745.—*Title:* AJAX SPORT COAT. For Sweaters. NOVELTY KNITTING MILLS, Philadelphia, Pa. Published October 1, 1925.

29,746.—*Title:* QUAFFEE. For a Cereal Beverage. QUAFFO HEALTH PRODUCTS COMPANY, Los Angeles, Calif. Published October 15, 1925.

29,747.—*Title:* GUARANTEE. For Hair Nets. SEIDNER & HITZIGRATH, INC., New York, N. Y. Published October 15, 1925.

29,748.—*Title:* LIBERTY BELL HAIR NET. For Hair Nets. SEIDNER & HITZIGRATH, INC., New York, N. Y. Published October 15, 1925.

29,749.—*Title:* A GUARANTEED NET OF PARAMOUNT QUALITY. For Hair Nets. SEIDNER & HITZIGRATH, INC., New York, N. Y. Published October 15, 1925.

29,750.—*Title:* THOMPSON'S FIG LAX. COMPOUND HEALTH TABLETS. For Laxative Tablets. EDWARD B. THOMPSON, Spokane, Wash. Published October 16, 1925.

29,751.—*Title:* RADIO SHOE LACES. For Shoe Laces. LEON WEINSTEIN, doing business as Central Braiding Company, St. Louis, Mo. Published October 20, 1925.

PRINTS

REGISTERED JANUARY 5, 1926.

8,485.—*Title:* THE BEST PAPERS ARE MADE FROM RAGS. For Papers Made from Rags. ASSOCIATION OF MANF. OF RAG PAPERS, Housatonic, Mass. Published September 1, 1924.

8,486.—*Title:* PORTABLE LIFTERS STORAGE RACKS. For Portable Elevators and Storage Racks. ECONOMY ENGINEERING COMPANY, Chicago, Ill. Published October 16, 1925.

8,487.—*Title:* ARROW BOW ADJUSTABLE TO ANY SIZE COLLAR, APPEARS HAND TIED C. For Men's Bow Ties. H. & M. NECKWEAR COMPANY, New York, N. Y. Published November 1, 1925.

8,488.—*Title:* LILAC BREATH. For Candied Breath Perfume. MRS. H. V. PLATTNER, doing business as P and P Novelty Co., Kansas City, Mo. Published October 28, 1925.

8,489.—*Title:* PET-SALVE SEYFARTH'S OINTMENT 68618 SHOULD BE IN EVERY HOME. For an Antiseptic Ointment. HENRY G. SEYFARTH, doing business as Pet & Pett Co.-H. G. Seyfarth & Son, Chicago, Ill. Published September 14, 1925.

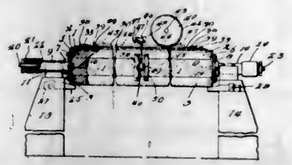
REISSUES

JANUARY 5, 1926.

16,240. COATING COMPOSITION. CARL D. HOCKER, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 22, 1923. Serial No. 682,362. Original No. 1,422,861, dated July 18, 1922, Serial No. 344,177, filed Dec. 11, 1919. 18 Claims. (Cl. 134—26.)

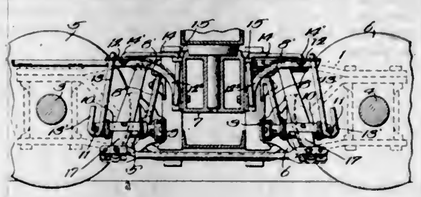
1. A liquid coating composition resulting from a combination comprising glycerine, resin, and free fatty acid.

16,241. APPARATUS FOR MANUFACTURING SHEETS AND OTHER ARTICLES FROM PLASTIC MATERIALS. SAMUEL SCOTT WILSON, Meyerton, Transvaal, South Africa. Filed Aug. 7, 1925. Serial No. 48,905. Original No. 1,520,791, dated Dec. 30, 1924, Serial No. 679,248, filed Dec. 7, 1923. 11 Claims. (Cl. 25—42.)



1. An apparatus of the nature indicated, including a table of absorbent material, and heating means embedded in said table.

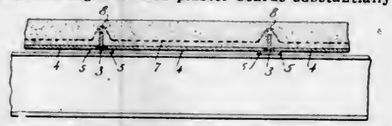
16,242. CAR TRUCK. HERMAN C. PHIEBE, Chicago, Ill. Filed Nov. 9, 1925. Serial No. 68,032. Original No. 1,551,904, dated Sept. 1, 1925, Serial No. 704,799, filed Apr. 7, 1924. 2 Claims. (Cl. 188—209.)



1. In a car truck, the combination with the side frames thereof; of wheels carrying said side frames; brakes for said wheels; a brake beam having a brake upon each end; brake hangers upon the side frames and carrying the ends of said brake beam and the brakes thereon; a fulcrum post having one end assembled with a mid portion of said brake beam; a rod assembled at its ends with end portions of the brake beam and engaged at its mid portion by the other end of said fulcrum post; an operating lever upon said fulcrum post; a truck bolster; a bracket upon the truck bolster and overhanging the beam; and a carrier upon the bracket in the form of a U-shaped loop whose bight is mounted to turn upon the bracket and whose ends are shaped into hooks receiving and supporting said rod.

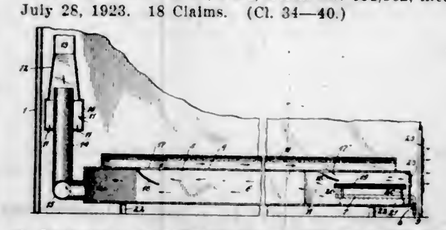
16,243. ROOF STRUCTURE. HERBERT E. MARKS, Glen Osborne, Pa. Filed Oct. 15, 1925. Serial No. 62,677. Original No. 1,398,079, dated Nov. 22, 1921, Serial No. 407,189, filed Aug. 31, 1920. 4 Claims. (Cl. 108—6.5.)

4. A roof of the character described, comprising purlins, metal angle members supported on the purlins and presenting oppositely projecting flanges, plaster boards supported on said flanges, metal reinforcing fabric supported over and in spaced relation to said plaster boards and forming a continuous reinforcement for the length of said angle members, transverse supporting means for holding adjacent edges of said plaster boards substantially in



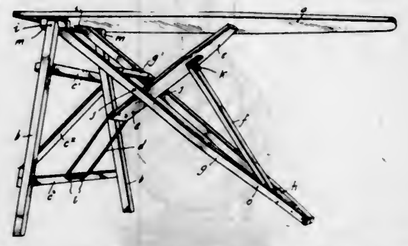
alignment with each other, and a cementitious body molded onto the plaster boards and bonding therewith and of a depth materially greater than said angle members, thereby forming a monolithic roof slab including the plaster board, cementitious body, metal reinforcement and said transverse supporting means.

16,244. DRIER. JULIUS JUDELSON, New York, N. Y. Filed Oct. 24, 1925. Serial No. 64,701. Original No. 1,513,597, dated Oct. 28, 1924, Serial No. 654,362, filed July 28, 1923. 18 Claims. (Cl. 34—40.)



1. In a drier, a heating unit comprising an elongated box, a longitudinal partition in the box dividing the same into a pair of main flues, and a return flue on top of the main flues and communicating therewith.

16,245. IRONING TABLE. ROY DONALD SPRINGER, Portland, Oreg. Filed Oct. 9, 1924. Serial No. 742,674. Original No. 1,432,215, dated Oct. 17, 1922, Serial No. 512,446, filed Nov. 3, 1921. 3 Claims. (Cl. 68—10.)

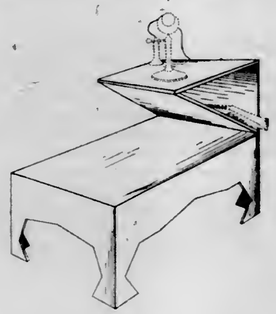


3. In combination with a table-top a foldable supporting frame therefor, comprising a leg, a crutch bingedly connected with the top of said leg and adapted to be arranged diagonally therewith, and foldable means for supporting the free end of the table-top, said means including a strut between the table-top and the crutch, and a compression-member bearing against the strut and the crutch, the compression member being arranged to bear directly on the lower end of the crutch when the table is set up, thereby, enabling the crutch to carry the load imposed upon it without tending to bend and break thereunder.

DESIGNS

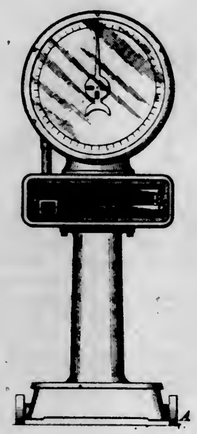
JANUARY 5, 1926

69,170. COMBINED TELEPHONE SEAT AND DESK. FREDERIC BREWSTER BASSETT, Washington, D. C. Filed Sept. 15, 1923. Serial No. 7,210. Term of patent 7 years.

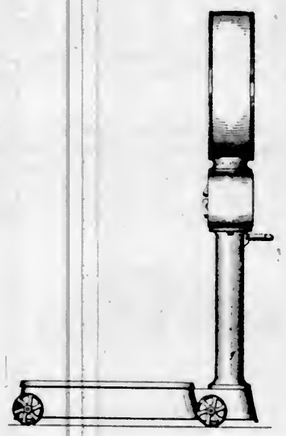


The ornamental design for a combined telephone seat and desk, substantially as shown.

69,171. WEIGHING SCALE. ALFRED BOUSFIELD, St. Johnsbury, Vt., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt., a Corporation of Vermont. Filed Nov. 14, 1925. Serial No. 15,417. Term of patent 14 years.

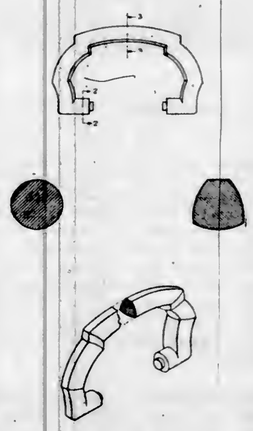


69,171



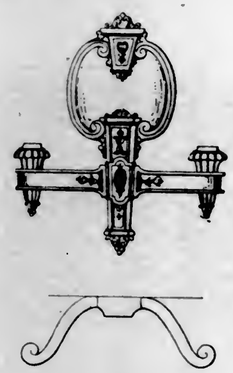
The ornamental design for a weighing scale, as shown.

69,172. WATCHCASE BOW. ARTHUR P. CONANT, Fort Thomas, Ky., assignor to The Wadsworth Watch Case Company, Dayton, Ky., a Corporation of Kentucky. Filed Oct. 9, 1925. Serial No. 15,078. Term of patent 14 years.



The ornamental design for a watchcase bow, substantially as shown.

69,173. LIGHTING-FIXTURE BRACKET. FRANK S. CROWELL, Toledo, Ohio, assignor to The Edward N. Riddle Company, Toledo, Ohio, a Corporation of Ohio. Filed July 29, 1924. Serial No. 10,287. Term of patent 7 years.



The ornamental design for a lighting fixture bracket, as shown.

69,174. BRACKET BACK FOR LIGHTING FIXTURES. FRANK S. CROWELL, Toledo, Ohio, assignor to The Edward N. Riddle Co., Toledo, Ohio, a Corporation of Ohio. Filed Aug. 22, 1924. Serial No. 10,526. Term of patent 7 years.



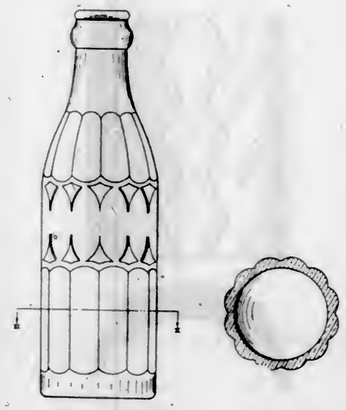
The ornamental design for a bracket back for lighting fixtures, as shown.

69,175. TUMBLER. DAVID FISHER, Paden City, W. Va., assignor to Paden City Glass Manufacturing Company, Paden City, W. Va., a Corporation of West Virginia. Filed Oct. 28, 1925. Serial No. 15,278. Term of patent 7 years.



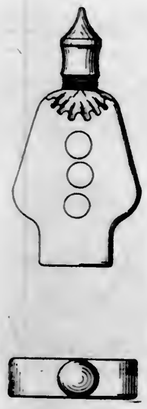
The ornamental design for a tumbler as shown.

69,176. BOTTLE. JEROME P. CURRAN, Toledo, Ohio, assignor to The American Bottle Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 28, 1924. Serial No. 11,511. Term of patent 14 years.



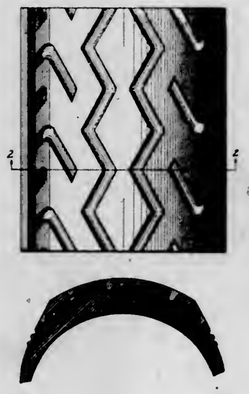
The ornamental design for a bottle, substantially as shown.

69,177. PERFUME BOTTLE. GUY T. GIBSON, New Rochelle, N. Y. Filed Sept. 29, 1925. Serial No. 14,947. Term of patent 14 years.



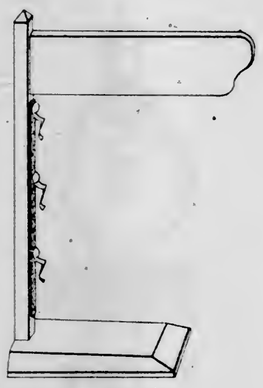
The ornamental design for a perfume bottle as shown.

69,178. RESILIENT TIRE. ALBERT HARGRAVES, Akron, Ohio, assignor to The Firestone Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 1, 1924. Serial No. 11,262. Term of patent 14 years.



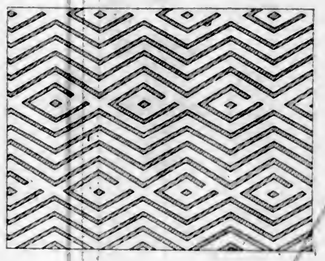
The ornamental design for a resilient tire, as shown.

69,179. DISPLAY STAND FOR TOBACCO PIPES AND SMOKERS' ACCESSORIES. HARRY JUTSUM HARTSHORN, Herne Bay, England. Filed Feb. 24, 1925. Serial No. 12,468. Term of patent 14 years.



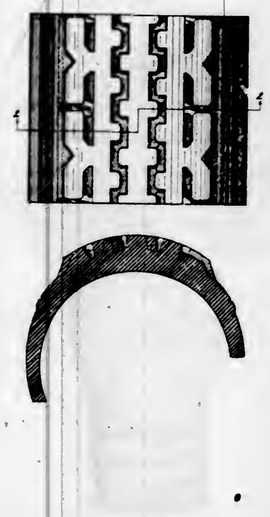
The design for tobacco pipes and smokers' accessories as shown.

69,180. SAFETY PAPER. WILLIAM R. HOTCHKISS, St. Paul, Minn. Filed Sept. 11, 1925. Serial No. 14,750. Term of patent 14 years.



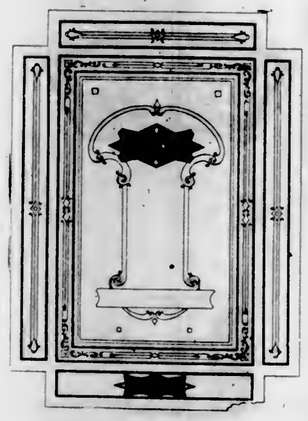
The ornamental design for safety paper substantially as shown and described.

69,181. RESILIENT TIRE. ROBERT IREDELL, Akron, Ohio, assignor to The General Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 14, 1924. Serial No. 11,375. Term of patent 14 years.



The ornamental design for a resilient tire, as shown.

69,182. BOX COVERING. JACOB H. KRAILING, East Haven, Conn. Filed Oct. 22, 1925. Serial No. 15,221. Term of patent 14 years.



The ornamental design for a box covering, as shown.

69,183. VANITY CASE. THOMAS J. LEWIS, New York, N. Y. Filed Oct. 26, 1925. Serial No. 15,261. Term of patent 14 years.



The ornamental design for vanity case, as shown.

69,184. GLASS GOBLET OR SIMILAR ARTICLE. WILLIAM H. MAGEE, Moundsville, W. Va., assignor to Fostoria Glass Company, Moundsville, W. Va., a Corporation of West Virginia. Filed Aug. 7, 1925. Serial No. 14,332. Term of patent 14 years.



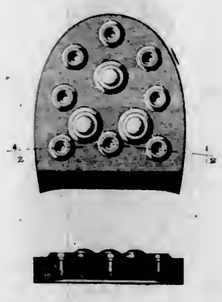
The ornamental design for a glass goblet or similar article, as shown.

69,185. BOTTLE. PHILIP W. MCABEE, Muncie, Ind. Filed Sept. 8, 1925. Serial No. 14,721. Term of patent 14 years.



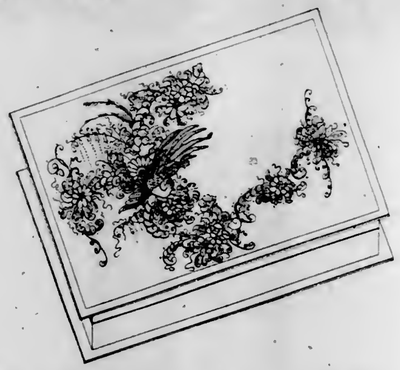
The ornamental design for a bottle as shown.

69,186. HEEL FOR BOOTS AND SHOES. HERMAN E. MORSE, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Feb. 10, 1922. Serial No. 642. Term of patent 14 years.



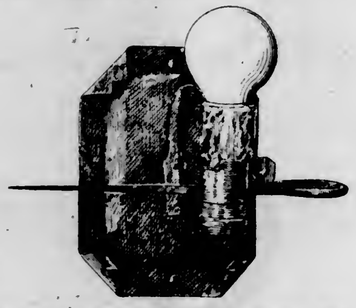
The ornamental design for a heel for boots and shoes as shown.

69,187. CANDY BOX. LEWIS PERRY, New York, N. Y. Filed Nov. 14, 1925. Serial No. 15,418. Term of patent 7 years.



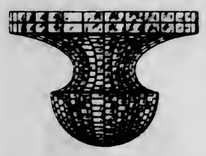
The ornamental design for a candy box as shown.

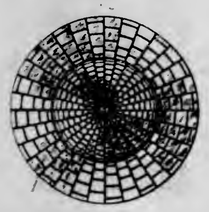
69,188. ELECTRIC-LIGHT FIXTURE. SARA R. POWELL, San Francisco, Calif. Filed Sept. 9, 1925. Serial No. 14,730. Term of patent 14 years.



The ornamental design for an electric light fixture, as shown.

68,189. LIGHT-REFLECTOR FIXTURE. WILLIAM E. PRICE, White Plains, N. Y. Filed Oct. 30, 1925. Serial No. 15,295. Term of patent 14 years.

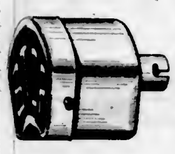




The ornamental design for a light reflector fixture, as shown.

69,190. VEHICLE SIGNAL LAMP. BENJAMIN PUTTERMAN, Brooklyn, N. Y., assignor to American Auto Lamp Co., Inc., a Corporation of New York. Filed Aug. 13, 1924. Serial No. 10,444. Term of patent 14 years.





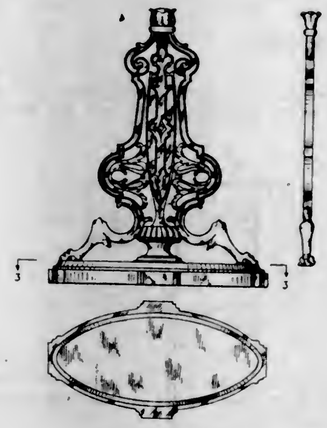
The ornamental design for a vehicle signal lamp, substantially as shown and described.

69,191. LODGE PIN. HELEN M. VERMILLION, Omaha, Nebr., assignor to Order of Job's Daughters, Omaha, Nebr., a Fraternal Organization. Filed Mar. 16, 1925. Serial No. 12,729. Term of patent 3½ years.



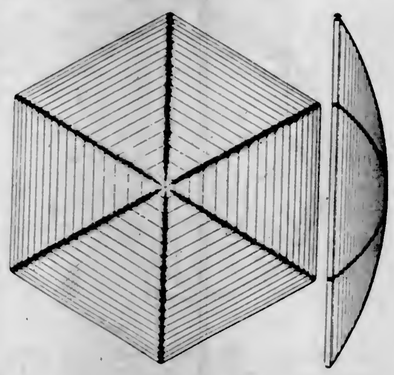
The ornamental design for a lodge pin, as shown.

69,192. BASE FOR PORTABLE ELECTRIC LAMPS. GUSTAVE E. VILLARET, Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y., a Copartnership. Filed May 21, 1925. Serial No. 13,520. Term of patent 7 years.



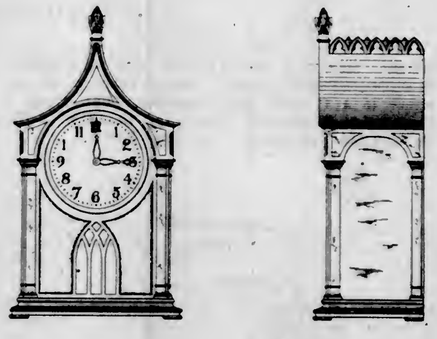
The ornamental design for a base for portable electric lamps, as shown.

69,193. DIAL GLASS FOR CLOCKS. RICHARD H. WHITEHEAD, New Haven, Conn., assignor to The New Haven Clock Co., New Haven, Conn., a Corporation. Filed Nov. 4, 1925. Serial No. 15,351. Term of patent 14 years.



The ornamental design for a dial glass for clocks as shown.

69,194. CLOCK CASE. RICHARD H. WHITEHEAD, New Haven, Conn., assignor to The New Haven Clock Co., New Haven, Conn., a Corporation. Filed Oct. 26, 1925. Serial No. 15,253. Term of patent 14 years.



The ornamental design for a clock case as shown.

69,195. CLOCK CASE. RICHARD H. WHITEHEAD, New Haven, Conn., assignor to The New Haven Clock Co., New Haven, Conn., a Corporation. Filed May 25, 1925. Serial No. 13,556. Term of patent 14 years.



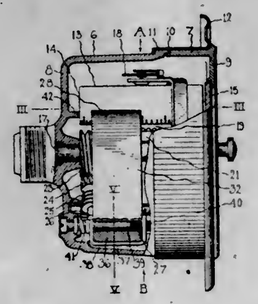


The ornamental design for a clock case as shown.

PATENTS

GRANTED JANUARY 5, 1926.

1,568,040. MAGNET MECHANISM FOR MAGNETIC SPEEDOMETERS. JOSEPH BERGE, Flint, Mich., assignor to A C Spark Plug Company, Flint, Mich., a Corporation of Michigan. Filed Apr. 14, 1919. Serial No. 289,825. 27 Claims. (Cl. 264—13.)



27. In a device of the class described, the combination with a rotatable armature, of a magnet substantially C-shaped in form, said magnet being tiltable to thereby vary the position of its poles relative to the armature, and means for tilting said magnet to thereby move the poles thereof toward and away from the periphery of said armature.

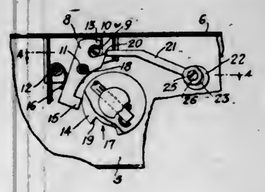
1,568,041. AUTOMATIC MEANS FOR INDICATING THE CONDITION OF AIR-BRAKE MECHANISM ON TRAINS. CLARENCE J. BESHEARS, Memphis, Tenn., assignor of one-half to Harry C. Agnew, Washington, D. C. Filed Aug. 21, 1923. Serial No. 658,642. 5 Claims. (Cl. 177—311.)



1. In combination with an air brake system for trains having a train pipe and cut-out cocks on individual cars, a circuit closer at one end of said train and extending the full length thereof, a source of current and a current strength indicator in series in said circuit, a resistance of similar value on each car in said circuit and means operable by the closure of a cut-out cock to close said circuit to include the resistances between it and the normally closed end of said circuit to indicate the number of cars having their air brakes connected.

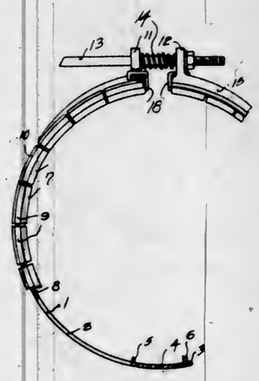
1,568,042. INCLOSED SWITCH. HARRY M. BROADWELL, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a Corporation of Connecticut. Filed Feb. 27, 1923. Serial No. 621,508. 14 Claims. (Cl. 200—50.)

13. In an inclosed switch, a box having a hinged cover, a movable switch member within the box, an operating member therefor, a latch for holding said cover closed when the switch is closed, a key actuated means for



moving said latch to free said cover when the switch is closed, said moving means being automatically reset when the cover is closed.

1,568,043. BRAKE BAND. CARL ANDERSON, Roza, Wash., assignor of one-half to Thomas C. Doolittle, Roza, Wash. Filed Dec. 12, 1924. Serial No. 755,437. 4 Claims. (Cl. 188—249.)



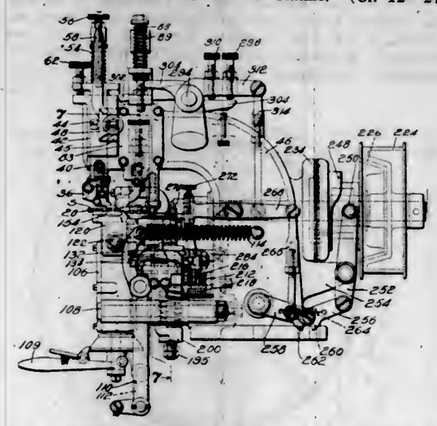
3. The combination with a split brake band having a pair of spaced circumferentially extending slots, and two strings of friction blocks carried in said band, of notched lugs on the adjoining ends of said band, removable locking means frictionally engaging said notched lugs, and retaining devices on said locking means for engaging said strings of blocks.

1,568,044. COMPOSITION OF MATTER. HARRY P. BASSETT, Cynthiana, Ky., and MONS R. ISAACS, Philadelphia, Pa., assignors to United Products Corporation of America, a Corporation of Delaware. Filed Nov. 1, 1922. Serial No. 598,271. 2 Claims. (Cl. 167—6.)

1. A composition of matter containing calcium caseinate and an arsenate.

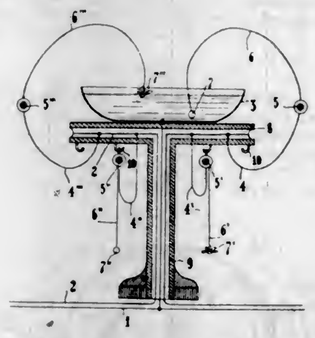
2. A composition of matter containing substantially, by weight, seventy parts of calcium diarsenate, thirty parts of calcium oxide and three parts of casein.

1,568,045. MACHINE FOR USE IN MAKING SHOES. FREDERIC E. BERTRAND, Lynn, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Nov. 10, 1917. Serial No. 201,211. Renewed June 2, 1922. Serial No. 565,396. 89 Claims. (Cl. 12—27.)



1. A channeling machine having, in combination, an edge knife slide movably mounted on the frame and provided with an edge knife, an edge presser gage slide movably mounted on the frame and provided with a presser gage, and connections between said slides whereby they may move independently of one another or whereby the position of the edge knife slide is controlled by the position of the edge presser gage slide.

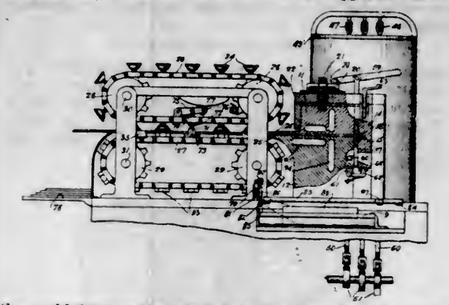
1,568,046. TELEPHONIC AND RADIOTELEPHONIC MESSAGE OR AUDITION BY MEANS OF FLUID RESISTANCE. ERNEST BERTRON, Brussels, Belgium. Filed Aug. 24, 1923. Serial No. 659,070. 5 Claims. (Cl. 179—81.)



1. The method of improving the telephonic or wireless messages auditions, concerts, and the like transmitted in an electric circuit, consistsing in introducing in series into the circuit of a receiver or receivers one or more liquid resistances.

1,568,047. TYPOGRAPHICAL CASTING MACHINE. SUNKER ABAJI BISEY, New York, N. Y. Filed Aug. 31, 1921. Serial No. 497,229. 26 Claims. (Cl. 199—1.)

1. In a machine of the character disclosed, a relatively adjustable mold for casting finished leads, rules or typographical line slugs, in different sizes determined by the adjustment of the mold, said mold being open at one end, means for forcing the casting metal under substantially continuous pressure into the opposite end of



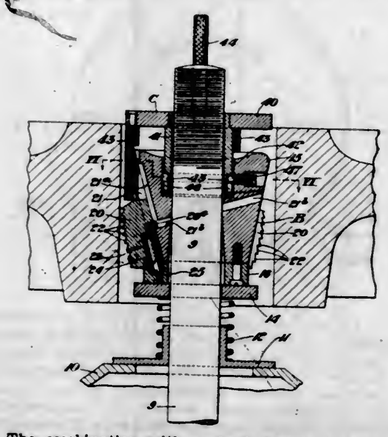
the mold irrespective of the various adjustments of the same and means for continuously withdrawing the cast product from the exit end of the mold.

1,568,048. MANUFACTURE OF LACE WITH BODY BEARING LEAFLIKE FIGURES. EMIL BÖSEBECK, Barmen, Germany, assignor to Max Henkels, New York, N. Y. Filed Sept. 7, 1923. Serial No. 661,536. 6 Claims. (Cl. 96—24.)



4. Machine-braided torchon lace with leaflets standing out in relief from both sides, the major axis of which leaflets extends transversely of the major axis of the lace, each leaflet being formed by spaced ground threads extending in warplike manner transversely through the leaflet, and by at least one selected ground thread interlacingly led in weftlike manner to and fro through said warp threads in closely aggregated loops in the longitudinal direction of the leaflet.

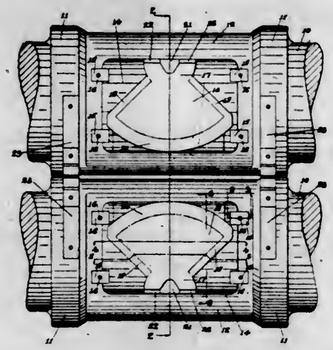
1,568,049. CHUCK. JOHN W. BAISCOE, Ingram, Pa. Filed Mar. 22, 1924. Serial No. 701,066. 5 Claims. (Cl. 82—40.)



1. The combination with a chuck having a head provided with at least one spring pressed jaw, of a jaw depressing tool adapted to be engaged with said jaw

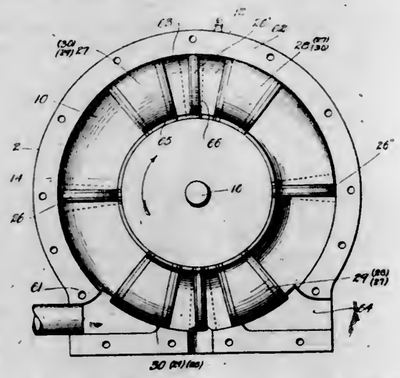
and move it against the spring tension into depressed position, and means on said head adapted to co-operate with said tool to lock said tool and jaw in depressed position.

1,568,050. MILL AND METHOD FOR ROLLING TAPERED DISKS. EDWARD G. BUDD, Philadelphia, Pa., assignor to Budd Wheel Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Nov. 22, 1921, Serial No. 517,026. Renewed June 10, 1925. 32 Claims. (Cl. 80—16.)



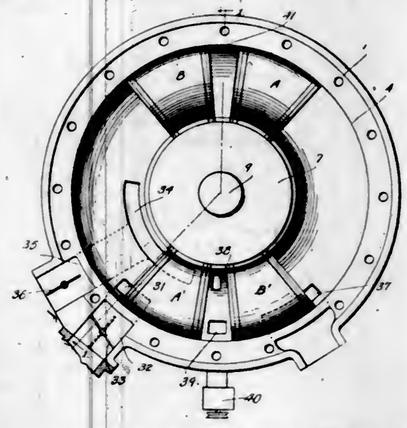
32. The process of making tapered disks comprising assembling face to face a plurality of substantially square metal blanks to form a pack of blanks, rolling said pack, successively, along a plurality of different radii extending from the center of the pack to the midpoints of the sides between rolls having eccentric, longitudinally concave working faces of substantially triangular outline, and then separating the rolled blanks.

1,568,051. DIVIDED-CHARGE ROTARY ENGINE. FRANK A. BULLINGTON, Kansas City, Mo., assignor to Bullington Motors, Kansas City, Mo., a Common Law Trust consisting of Solomon Stoddard, Ernest E. Howard, and Frank A. Bullington. Filed June 2, 1923. Serial No. 643,096. 9 Claims. (Cl. 123—11.)



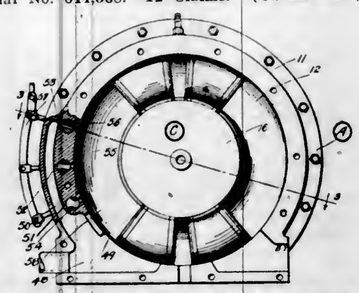
1. In a rotary alternating piston engine, a cylindrical casing, pairs of pistons therein rotating about a common axis, the pistons having relative movements to compress fuel charges to combustible pressures, and charge-dividing partitions between complementary pistons separating the combustion spaces between the complementary pistons into a primary explosion chamber and a secondary explosion chamber so that the two separated parts of each fuel mixture charge confined between two complementary power pistons will be independently exploded one after the other, the charge in the primary chamber being exploded at lower pressure than that in the secondary chamber.

1,568,052. INTERNAL-COMBUSTION ENGINE. FRANK A. BULLINGTON, Kansas City, Mo., assignor to Bullington Motors, Kansas City, Mo., a Common Law Trust consisting of Solomon Stoddard, Ernest E. Howard, and Frank A. Bullington. Filed June 9, 1923. Serial No. 644,367. 12 Claims. (Cl. 123—11.)



1. An explosion engine comprising a cylinder, piston means therein, the cylinder being divided by the piston means into a compression chamber and a separate expansion chamber, provided with an inlet port for the compression chamber and an exhaust port for the expansion chamber, means for admitting fuel mixture into the compression chamber, means for admitting a secondary volumetric fluid into the compression chamber simultaneously with the fuel mixture to maintain constant compression within the compression chamber irrespective of the amount of the fuel mixture admitted, and means for exploding the fuel mixture so that it can exert expansion force within the expansion chamber against the piston means.

1,568,053. MULTICYLINDER ROTARY ENGINE. FRANK A. BULLINGTON, Kansas City, Mo., assignor to Bullington Motors, Kansas City, Mo., a common-law trust consisting of Solomon Stoddard, Ernest E. Howard, and Frank A. Bullington. Filed June 9, 1923. Serial No. 644,368. 12 Claims. (Cl. 123—11.)



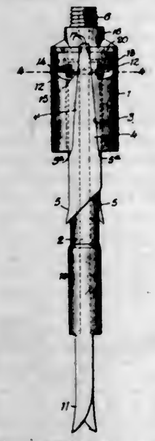
1. An internal combustion engine comprising a cylinder and piston means therein, the piston means dividing the cylinder into a compression chamber and an expansion chamber, capable of equal volumetric capacity, and means for varying the capacity of one of said chambers.

1,568,054. TOOTH WEDGE. GILDEROY O. BURLEW, Newark, N. J. Filed July 18, 1924. Serial No. 726,664. 5 Claims. (Cl. 32—10.)



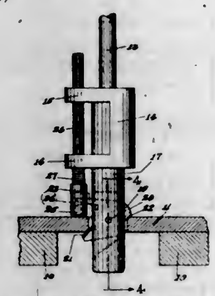
1. As a new article of manufacture, a wedge for separating teeth having a grooved edge to contact with one of the teeth.

1,568,055. ROTARY WELL DRILL. NELSON S. BURTON, Ardmore, Okla. Filed Feb. 19, 1925. Serial No. 10,224. 8 Claims. (Cl. 255—73.)



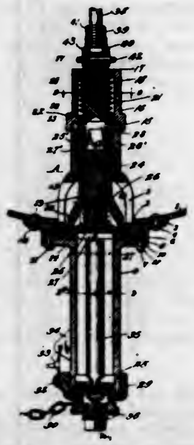
1. The combination with a reamer-body having an internal, threaded socket at a point midway of the length thereof, a bit-carrying pipe-member having a threaded end engaging said socket, said reamer-body being provided exteriorly with longitudinally extending grooves, reamer-blades having shanks disposed in said grooves, and means for holding said shanks in said grooves against accidental displacement.

1,568,056. METAL-CUTTING TOOL. WILLIAM BUTZ, Philadelphia, Pa., assignor to Budd Wheel Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Mar. 14, 1922. Serial No. 543,684. 11 Claims. (Cl. 77—58.)



1. A device of the class described comprising a rotatable cutter-carrying member having a shank adapted to be inserted through a hole in the work, a cutter pivoted in a slot in said shank, and a part carried by said member and rotatable therewith adapted to engage the work and operating automatically to swing said cutter on its pivot in said slot into working engagement with an edge of the hole.

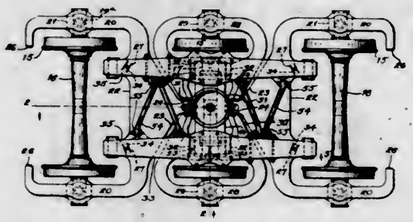
1,568,057. OUTLET STRUCTURE FOR OIL CONTAINERS. RICHARD H. CARR, Columbus, Ohio, assignor to The Pure Oil Company, Columbus, Ohio, a Corporation of Ohio. Filed June 23, 1920, Serial No. 391,202. Renewed Nov. 4, 1925. 4 Claims. (Cl. 137—21.)



1. In a valve of the character described, a cage member rigidly mounted within the bottom of a fluid container, said cage member being formed to include an outlet port through which fluid from said container is drawn off and a cooperative valve seat, a main valve normally disposed in engagement with said seat to obstruct fluid flow through said port, a secondary valve situated above said main valve and disposed in engagement with the same seat, an actuating mechanism connected with said secondary valve, and means whereby said secondary valve will operate to open said main valve after said actuating mechanism has been operated to open the secondary valve.

4. In a valve of the character described, a metallic fluid container having an opening formed therein, a reinforcing ring surrounding said opening and secured to said container, a valve casing extending into said container and having a flange folded to said ring, a removable valve seat positioned in the lower end of said casing, and an outlet conduit removably secured to said ring to permit of the exterior removal of said valve seat.

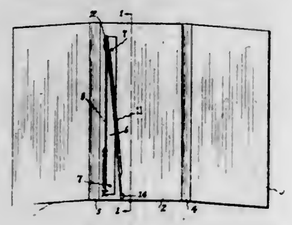
1,568,058. RAILWAY-CAR TRUCK. CARL L. CHARLES and PERCY R. DRENNING, Baltimore, Md., assignors, by mesne assignments, to Herbert M. Brune, Charles E. Scarlett, and Janon Fisher, trustees, all of Baltimore, Md. Filed Jan. 7, 1925. Serial No. 947. 14 Claims. (Cl. 105—166.)



1. In a six wheel truck, the combination with a bolster for each pair of journals, a vertically flexible, horizontally rigid coordinating bolster engaging with the central bolster and with each of the pilot and trailer bolsters

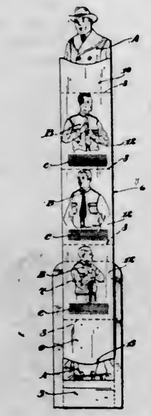
to control the mutual angularity of said journals, friction reducing elements between said coordinating bolster and said pilot and trailer bolsters and a ball and socket joint between each of said pilot and trailer bolsters and said central bolster.

1,568,059. COMBINED PAD OR LEAF HOLDING AND LOCKING DEVICE FOR MANIFOLDING SALES BOOKS. GEORGE CORNELIUS CLEMENT, Baltimore, Md., assignor to the Baltimore Salesbook Company, Baltimore, Md., a Corporation of Maryland. Filed Mar. 27, 1923. Serial No. 628,020. 10 Claims. (Cl. 129—38.)



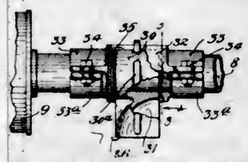
1. In a holding and locking device for use in association with manifolding sales books comprising a tissue pad and cover therefor, an angle iron member attached to the cover, a movable tensioned clamping member which is attached to the upright section of the angle member at one end, means integral with the clamping member and upright section of the angle iron member to hold the movable member in juxtaposition to the upright section of the angle iron member and a separate locking means to prevent the movable clamping member from becoming disengaged from its clamping position or from moving in vertical directions with respect to the upright section of the angle member, thereby yieldingly locking the connected clamping members together.

1,568,060. ADVERTISING DEVICE. ORVEL JAY CRAIG, Minneapolis, Minn. Filed June 4, 1925. Serial No. 34,851. 9 Claims. (Cl. 40—2.)



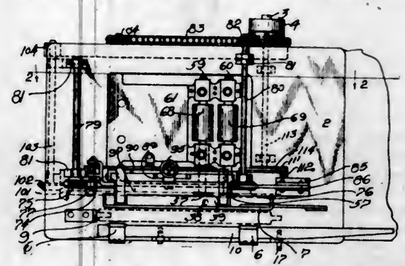
1. An advertising device comprising a tag having a transverse slit, and a strip having one of the ends attached to the tag, said strip being normally folded and inserted part way through said slit and held with its loose end projecting outward of said slit.

1,568,061. EXHAUST CUT-OUT. EMIL R. DRAVES, Richmond, Ind. Original application filed May 13, 1921, Serial No. 469,217. Divided and this application filed Sept. 8, 1921. Serial No. 499,192. 3 Claims. (Cl. 251—73.)



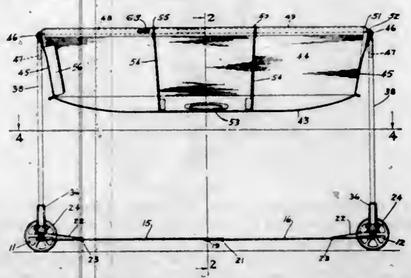
1. A cut-out device comprising a yoke adapted to span a gap in an exhaust pipe, the yoke having axially spaced sleeves, the inner ends of which are in parallel planes to which the common axis of the sleeves is perpendicular, in combination with a supplemental pipe section mounted for sliding movements in a plane that transversely intersects the axis of said sleeves, into and out of registration with said sleeves, and in which the sides of said supplemental pipe section are provided with narrow vertical guide ribs that engage the adjacent sides of said yoke, the body of said supplemental pipe section being spaced with considerable clearance from the side walls of said yoke, so as to permit free circulation of air therebetween.

1,568,062. WOODWORKING MACHINE. OSCAR G. EDMOND, Spokane, Wash., assignor of one-half to White Pine Sash Company, Spokane, Wash. Filed July 21, 1924. Serial No. 727,303. 6 Claims. (Cl. 144—245.)



1. In a feed mechanism the combination with a rock shaft having a loose cam lever thereon and a fixed member on said shaft, of resilient means operatively connecting said lever and member, a cam for actuating the lever, and means for permitting a slip movement between the rock shaft and lever to free the lever from said member.

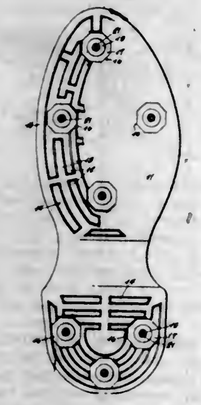
1,568,063. BABY HOLDER. ABRAHAM A. FAGEN, Minneapolis, Minn. Filed Oct. 7, 1922. Serial No. 593,100. 5 Claims. (Cl. 5—99.)



1. In a collapsible baby holder, the combination of a base having end and side members, means pivotally to attach said members whereby the base may be collapsed

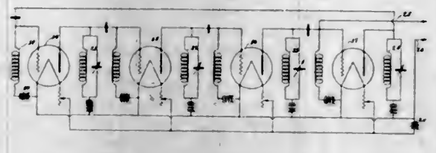
with said members in substantially parallel proximity to occupy a relatively small space or extended into operative position, uprights pivotally attached to said base and adapted to be inoperatively swung into alinement with said members, means to retain said uprights in operative position, and a baby support adapted to be demountably attached to said uprights when in operative position.

1,568,064. ANTISLIPPING DEVICE FOR SHOE SOLES AND HEELS. DAVID H. GOLDMAN, Cleveland, Ohio. Filed Oct. 6, 1924. Serial No. 741,947. 7 Claims. (Cl. 36—59.)



1. In an anti-slipping device of the character described, the combination of a shoe sole of resilient material having a set of individual gripping pockets, a set of double relatively telescoping suction cups arranged upon the tread surface of the sole, and ice grippers associated with the suction cups and operable with compression of the cups.

1,568,065. CONSTANT FREQUENCY SOURCE. ROSS GUNN, Dayton, Ohio. Filed June 9, 1923. Serial No. 644,441. 1 Claim. (Cl. 250—36.)



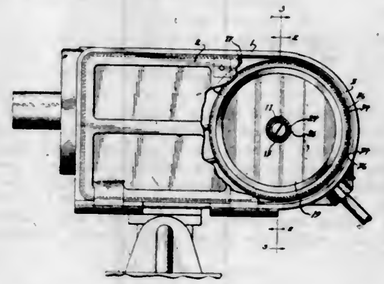
A system for the generation of high frequency oscillations of a predetermined single frequency comprising a plurality of vacuum tubes exceeding two in number, each tube having a plate, a grid and a filament, a circuit for each tube for maintaining the average grid potential at some definite negative value, an output circuit from the plate of each tube electrically connected to energize the grid of another of said tubes, and a plurality of exactly similar control circuits one for each of said output circuits connected across the same for determining the frequency of the oscillations produced by the system irrespective of plate voltage or filament currents, each said control circuit having an adjustable impedance comprising an inductance and a condenser connected together, in parallel arrangement.

1,568,066. LENS POLISHER. HARRY W. HILL, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Sept. 18, 1922. Serial No. 588,903. 1 Claim. (Cl. 51—279.)



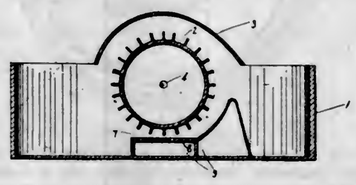
A lens polisher comprising a fabric base having cross strands with voids between them, a wax covering the strands but not filling the voids, and a granulated abrasive covering the strands and filling in the voids, held in place by the wax on the strands.

1,568,067. PHOTOGRAPHIC-FILM MAGAZINE. ALBERT S. HOWELL, Chicago, Ill., assignor to Bell & Howell Company, Chicago, Ill., a Corporation of Illinois. Filed July 29, 1922. Serial No. 578,444. 7 Claims. (Cl. 242—55.)



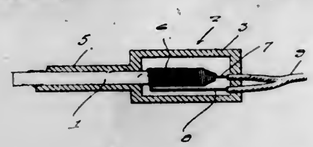
1. A film magazine including two enclosure members detachably secured together and providing spaced parallel walls and provided with central alined openings in said walls and having coaxial cylindrical flanges on said walls surrounding said openings and extending inwardly toward each other with their adjacent ends spaced from each other, and a concentrically bored film spool between said walls and surrounding said flanges and rotatably mounted thereon and having an intermediately disposed, internal, and toothed concentric flange extending through the space between said flanges.

1,568,068. CONTINUOUS PULP BEATER. KENNETH B. HOWELL, Maplewood, N. J., assignor to The Barrett Company, a Corporation of New Jersey. Filed Aug. 20, 1923. Serial No. 658,206. 5 Claims. (Cl. 92—23.)



1. In a pulp beater having a beater roll, a horizontally disposed reticulated member located below the beater roll and adapted to permit the passage of beaten pulp therethrough.

1,568,069. SQUIB. ISAAC T. JENKINS, Tunkhannock, Pa. Filed July 9, 1925. Serial No. 42,473. 1 Claim. (Cl. 102—10.)



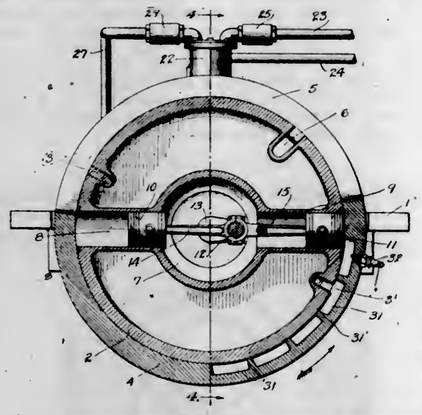
A device of the class described comprising a hollow cylinder having an elongated opening on one side and an open ended tubular extension at one end, a squib fitted into and extending through said extension with its inner end located in said cylinder, and a resistance coil supported in said cylinder, the coil being formulated to provide a pocket for reception for the inner end of said squib.

1,568,070. METHOD OF MAKING ARTIFICIAL STONE. WILLIAM H. JENNENS, Kansas City, Mo. Filed Apr. 3, 1925. Serial No. 20,452. 7 Claims. (Cl. 18—48.8.)



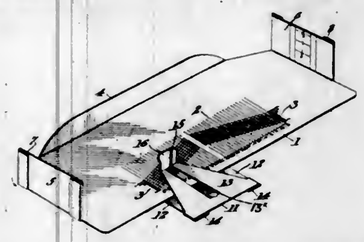
1. The method of making artificial stone, which consists in depositing upon a surface, a plurality of irregular narrow layers of material to simulate veins, applying small fractions of material upon the surface to provide nodules, applying a gas-forming material upon the surface, applying a plastic cementitious material on top of the surface and upon top of the previously deposited material, sealing the outer surface of the cementitious material.

1,568,071. INTERNAL-COMBUSTION ENGINE. WILLIAM A. KEENE, Kansas City, Kans. Filed Mar. 28, 1924. Serial No. 702,596. 4 Claims. (Cl. 123—37.)



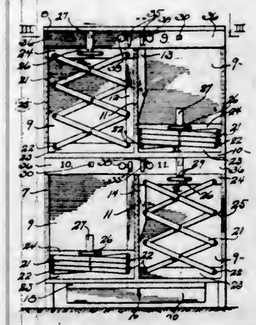
1. An internal combustion motor comprising a stator having oppositely disposed cylinders and a crank case between them, a crank shaft mounted in the crank case, reciprocatory pistons in the cylinders connected to the crank shaft, a rotor about the periphery of the stator having a plurality of fuel delivering pockets arranged in series adapted to successively communicate with the cylinders and an exhaust port with which the cylinders may intermittently register, means for feeding fuel into the several pockets in series under pressure and means for igniting the fuel charges.

1,568,072. FOOT-MEASURING DEVICE. LOUIS C. KRUEGER and LEONARD J. BRECHT, Iowa City, Iowa. Filed Jan. 26, 1923. Serial No. 615,037. 2 Claims. (Cl. 33—3.)



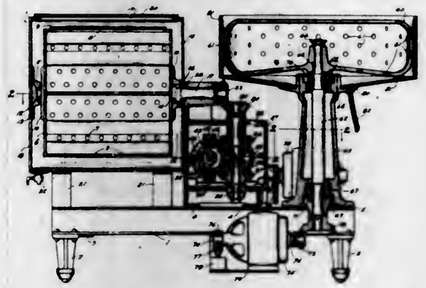
1. A foot measuring device, comprising a foot-rest provided with two sets of transverse graduations to indicate length and superposed oblique graduations to indicate width, each set extending from a mid-point toward the opposite ends of the foot-rest, respectively, heel-stops fixed to and rising from opposite ends of the foot-rest, a side-stop fixed to and rising from one side of the foot-rest, and a sliding indicator provided with a longitudinal slot exposing to view said graduations, a concave upstanding flange adapted to be brought into contact with the ball of the foot of a customer, and a pointer at the bottom of said flange and extending therefrom in line with the slot and cooperating with the two sets of graduations to indicate respectively the length and width of a shoe to fit the customer, the device being capable of use on either a right or a left foot.

1,568,073. LOCKER. CLARKE R. LAKE, Kansas City, Mo. Filed Oct. 8, 1923. Serial No. 667,185. 1 Claim. (Cl. 45—37.)



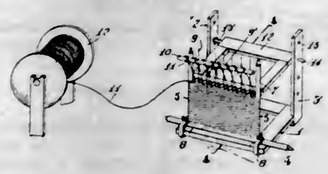
In a locker of the class described, a vertical inwardly facing groove formed in each side wall adjacent the front edge thereof, a rigid front wall member joining said sides and extending downwardly below and in alinement with said grooves, a tie member slidably mounted in said grooves, a collapsible grate door attached at its upper end to a side face of said tie member and movable therewith across the locker opening and normally held in a raised position by a detent to drop by gravity to the folded position upon said rigid wall member immediately upon releasing the detent whereby the folded grate and tie member forms a substantially continuous low front wall.

1,568,074. WASHING MACHINE. EDWARD LINDMUELLER, Cleveland, Ohio. Filed Oct. 27, 1920. Serial No. 419,849. 7 Claims. (Cl. 74—50.)



6. A gearing for washing machines, comprising a power shaft provided with a gear, a second shaft provided with loose gears meshing therewith, a shiftable clutch on and adapted to drive said second shaft and adapted to be shifted into engagement with either of said loose gears, a third shaft, intermittent gears connecting said third and first mentioned shaft, a cam on said third shaft, and a lever between said cam and shiftable clutch whereby the latter is moved into and out of engagement with said loose gears to reverse the direction of rotation of said second shaft.

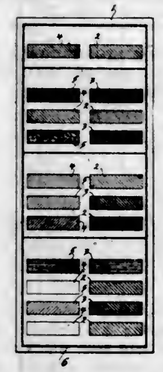
1,568,075. METHOD OF PRODUCING WOVEN-REED ARTICLES. MARSHALL B. LLOYD, Menominee, Mich., assignor to Heywood-Wakefield Company, Boston, Mass., a Corporation of Massachusetts. Original application filed Aug. 20, 1920, Serial No. 404,800. Divided and this application filed Jan. 19, 1924. Serial No. 687,188. 5 Claims. (Cl. 139—17.)



1. The method of producing reed articles that consists in securing a plurality of spaced frame members, at one end, to a common frame member, securing a plurality of stakes at one end to said common frame member within the confines of said spaced frame members, securing certain of the stakes at the other end detachably to a temporary member free to move relative to the frame members, moving said member, with the stakes secured thereto, to one side of the normal plane of the stakes thereby forming a shed, placing a filler strand in said shed, moving said member and attached stakes to the other side of the normal plane of the stakes, thereby forming another shed, laying a filler strand in said shed, meanwhile passing the filler strand around one of the spaced frame member each time a shed is formed, and finally removing said stakes from said temporary member and securing them permanently to a frame member.

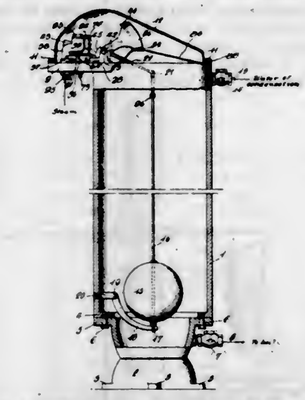
1,568,076. METHOD OF PRINTING SAMPLE COLOR CARDS AND THE LIKE. GEORGE H. LUND, Chicago, Ill., assignor to Rothschild Colortype Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 10, 1922. Serial No. 600,019. 7 Claims. (Cl. 101—211.)

2. The method of printing adjacent sections of a sheet, each with a different ink, which consists in printing one group of nonadjacent sections, each with a different ink, with one printing operation and printing a second group



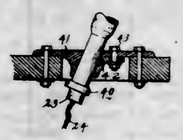
of non-adjacent sections, each with a different ink, disposed adjacent respective sections of the first mentioned group with a second printing operation.

1,568,077. AUTOMATIC PUMP AND BOILER FEEDER. VINCEN P. MCVOY, Mobile, Ala., assignor to Phoenix Machine Works, Mobile, Ala. Filed Apr. 7, 1928. Serial No. 630,659. 39 Claims. (Cl. 137—101.)



6. An automatic pump or boiler feeder comprising a cylinder, a float therein controlled by the inflow of water of condensation, a steam inlet valve, an oscillatory weight actuated by the float, a counterbalance on the pivot of said weight, and a pilot valve controlled by said weight for initially exhausting the pressure from the space above the top of the said steam inlet valve.

1,568,078. GLOVE FORMER. CHARLES W. MABEY, Indianapolis, Ind. Filed Nov. 2, 1922. Serial No. 598,459. 2 Claims. (Cl. 223—17.)



1. The combination, with an arm member, of a benchplate having an opening through which the arm is inserted, said plate having an integral underside jaw, and

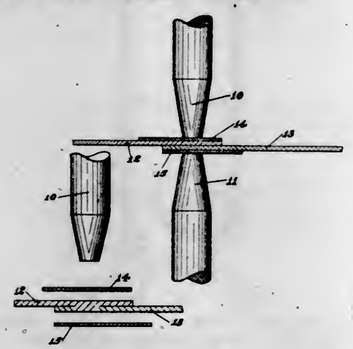
a clamp-jaw removably secured to the under side of the plate and movable toward and from the integral jaw of the plate to engage and hold the arm.

1,568,079. VEHICLE LIGHT. JEAN L. MAY, Salt Lake City, Utah. Filed May 29, 1924. Serial No. 716,658. 1 Claim. (Cl. 240—48.4.)



A device of the class described the combination a headlight case having a parabolic reflecting interior, with a closure for said case which closure consists of a transparent upper portion and an opaque lower portion, said lower portion consisting of a segment shaped reflector with its reflecting surface directed into said case and spaced in front of and below a light mounted centrally inside said case and with a portion of its apex cut out in arc shape; and a concavo-convex segment shaped with its convex side contiguous said segment shaped reflector and its concave side directed into said case.

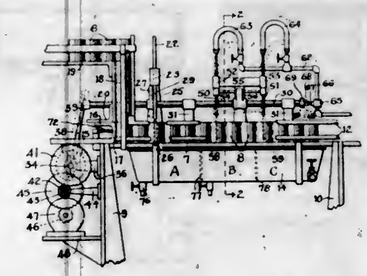
1,568,080. ELECTRIC WELDING. JOSEPH W. MEADOWCROFT, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 18, 1922. Serial No. 561,843. 8 Claims. (Cl. 219—10.)



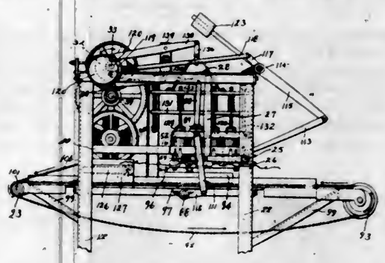
1. The method of uniting pieces of metal of which aluminum is the major constituent consisting in welding said pieces together at spots by the application of heat, electrically generated in greater part and localized at a spot or spots in a sheet or plate of resistance material external to the pieces to be united, and the application of pressure localized at the spot or spots at which the pieces are to be welded, whereby the mass of aluminum juxtaposed to said spot or spots is heated to welding temperature by conduction of the heat generated therein.

1,568,081. APPARATUS FOR RECOVERING THE CONTENTS OF CANS. WILLIAM E. MITTON, New London, Wis., assignor to The Borden Company, New York, N. Y., a Corporation of New Jersey. Filed Sept. 22, 1923. Serial No. 664,183. 5 Claims. (Cl. 141—7.)

4. An apparatus for recovering the contents of cans comprising, means for intermittently advancing the cans in vertical position, a punch for piercing through the top and bottom covers of each can as it comes to rest, means for receiving the contents of the can, a nozzle for introducing wash fluid into each can, means for receiving the rinsing from the can, means for supporting the punch and the nozzle so that they may be actuated simultaneously, and means for actuating the punch and nozzle simultaneously.



1,568,082. APPARATUS FOR LOADING TRAYS WITH CANS. WILLIAM E. MITTON, New London, Wis., assignor to The Borden Company, New York, N. Y., a Corporation of New Jersey. Filed Apr. 24, 1924. Serial No. 708,635. 20 Claims. (Cl. 226—14.)

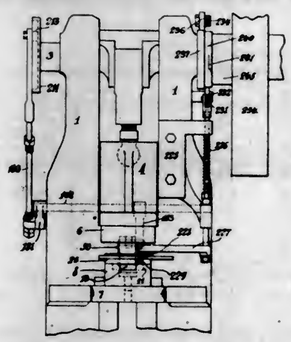


3. An apparatus for loading trays with cans and the like comprising, a platform movable to one position to receive the cans, means for placing a predetermined number of cans on the platform, means for bringing a tray into position to receive the cans from the platform, means for moving the platform to another position so that the cans may be removed therefrom, means for removing the cans from the platform and placing them in the tray, and means for preventing the transfer of the cans from the platform to the tray until a predetermined number of cans are on the platform.

8. An apparatus for loading trays with cans and the like comprising, a pivotally mounted platform, means for placing the cans to be transferred to the tray on the platform, a conveyor for carrying forward a tray, means for holding the tray in position to receive the cans, means for tilting the platform so that the cans may be transferred into the tray, means for releasing the tray, and means for removing the cans from the platform and placing them in the tray.

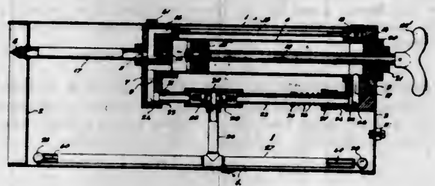
11. An apparatus for loading trays with cans and the like comprising, means for conveying the cans to be transferred to the trays into the apparatus, pivotally mounted means for receiving a predetermined number of cans from the conveying means, means for holding a tray in position under the receiving means, means for tilting the receiving means, means for transferring the cans from the receiving means into the tray, and means for preventing the operation of the appsratus until a predetermined number of cans have been placed on the receiving means.

1,568,083. STOP MECHANISM FOR DIE PRESSES. HERMAN OSSWALD, Niverville, N. Y. Filed Nov. 10, 1923. Serial No. 673,895. 2 Claims. (Cl. 192—129.)



1. The combination with a plurality of reciprocating tools, a drive shaft for operating them, a drive-wheel and means for locking the drive-wheel to and releasing it from the shaft, of a reciprocating work transferring slide for transferring the work to be acted upon by the tools in succession, said transferring slide having a safety hole, a reciprocating rod arranged to enter said hole when the work is properly centered with respect to the tools, and means under the control of said reciprocating rod for releasing the shaft from the drive-wheel when the work is not centered, a pair of interconnected levers on the said shaft, a cam for operating the same and means for pivoting the said reciprocating rod to one of said levers.

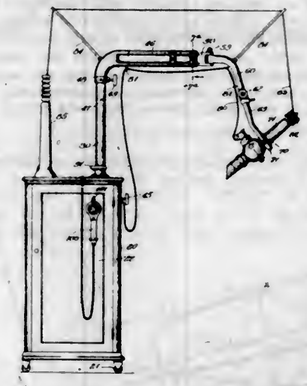
1,568,084. FIRE EXTINGUISHER. GEORGE T. PEARSONS, New York, N. Y., assignor to Pyrene Manufacturing Company, New York, N. Y., a Corporation of Delaware. Filed Feb. 28, 1916. Serial No. 80,796. 11 Claims. (Cl. 299—98.)



1. In a syringe, the combination with a reservoir having an outlet at one end; a piston chamber in the reservoir connected at both ends to the reservoir outlet; inlets at opposite ends of said chamber; a piston; a piston rod to extend to the exterior of the piston chamber and cylinder to reciprocate the piston; a tubular suction intake connected to the inlets of the piston chamber to swing on an axis longitudinally of the piston chamber and reservoir; and collars on said tubular intake having cone-shaped portions to co-operate with cone-shaped seats in the inlets to the piston chamber, substantially as and for the purpose specified.

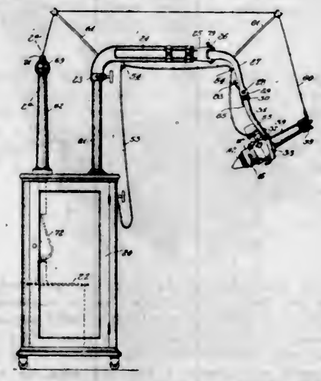
1,568,085. UNITARY LIGHT-PROJECTING APPARATUS. OSCAR H. PIEPER and ALPHONSE F. PIEPER, Rochester, N. Y. Filed Sept. 15, 1920. Serial No. 410,468. 27 Claims. (Cl. 250—84.)

1. A unitary light projecting apparatus comprising a container, electrical operating means therein for said apparatus, an upwardly projecting standard extending at its lower end into said container and supported for extensible movement into and out of the same, movably connected parts carried by said standard and supporting a light source for universal movement, and electrical connections between said light source and said operating means in the container.



17. In a unitary light projecting apparatus, electrical operating means, an upwardly projecting standard, a substantially horizontal arm comprising longitudinally extensible sections pivotally connected with said standard for universal adjustment of the outer end thereof, to position the same above an object to be treated, a downwardly extending arm pivotally supported on the outer end of said lateral arm and comprising portions movably connected with one another, a light source carried by said arm portions for universal adjustment about said object, and electrical connections between said light source and operating means.

1,568,086. UNITARY APPARATUS FOR PROJECTING LIGHT RAYS. OSCAR H. PIEPER and ALPHONSE F. PIEPER, Rochester, N. Y. Filed Aug. 13, 1921. Serial No. 491,903. 13 Claims. (Cl. 250—34.)

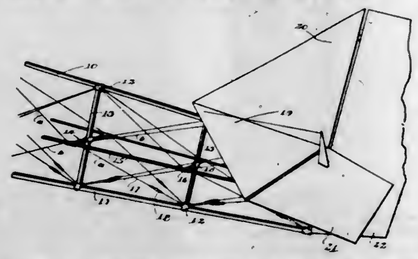


1. In a unitary light projecting apparatus, the combination of a container, a standard for supporting a source of electric light for adjustment to different positions about an object to be illuminated, devices in the container for controlling the power supplied to the light source, a relatively high hollow post on the container having its bore communicating with the container interior, a spring actuated reel housed within the bore of said post, an extensible conductor wound on the reel and extended through the outer end of the post into connection with the light source, and a conductor extending

through the inner end of the post bore and connecting the controlling devices in the container with the conductor wound on said reel.

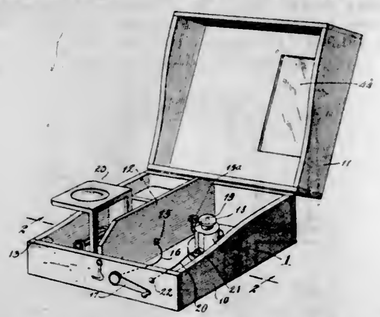
11. A unitary light projecting apparatus comprising a standard, an X-ray tube housing having an enlarged portion and an opening provided with connections for the tube filament, collars adjustably carried by the standard and engaging the opposite sides of said enlarged housing portion, bolts connecting said collars for clamping the latter on the housing, a protective cap for said housing opening, and clips adjustably and detachably securing said cap to said bolts intermediate said collars.

1,568,087. AIRPLANE-FUSELAGE CONSTRUCTION. JEAN A. ROCHÉ, Dayton, Ohio. Filed Apr. 18, 1924. Serial No. 707,381. 5 Claims. (Cl. 244—30.)



1. In an aircraft construction, a plurality of crisscross struts, longitudinal members joined to said struts, and stays extending diagonally from the junction of a strut and longitudinal member at one station, to the junction with another longitudinal member at another station, of a strut transverse with respect to the last mentioned strut.

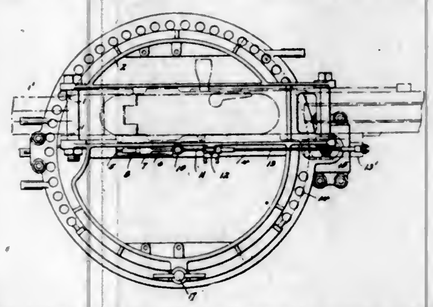
1,568,088. THREAD-COUNTING APPARATUS. GEORGE H. ROSENSTEIN, New York, N. Y. Filed Dec. 26, 1923. Serial No. 682,847. 13 Claims. (Cl. 88—39.)



1. In an apparatus of the character described, a support for the fabric to be tested and a counting device detachably and pivotally mounted on said support, said device comprising a base member, a lens holder disposed over said base member, said base member being provided with a scale, a screw bolt disposed with its axis substantially parallel to the length of the scale and journaled in the base member, and an indicator carried by said screw bolt for movement over said scale.

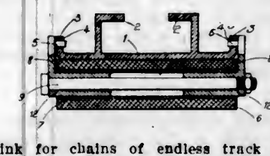
1,568,089. MOUNT FOR FLEXIBLE SYNCHRONIZED GUNS. HERBERT O. RUSSELL, Detroit, Mich., and CHARLES LEIGH PAULUS, Dayton, Ohio. Filed Apr. 18, 1922. Serial No. 555,422. 2 Claims. (Cl. 89—27.)

1. A mount for a flexible synchronizing gun, embodying a stationary base, a turntable on said base between said gun and its impulse generator, a gun having trunnions in bearings on said turntable, a trigger motor on the gun, and means for operating said trigger motor from a stationary impulse generator while permitting rotation of



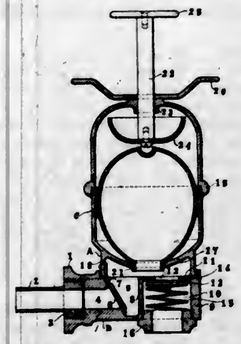
the turntable, said means comprising an impulse cable, a trigger motor operating cable, and connecting means between said cable including a connecting rod the longitudinal axis of which is coincident with the axis of rotaton of the turntable.

1,568,090. ENDLESS-TRACK VEHICLE. LEON SAIVES, Billancourt, France, assignor to Louis Renault, Billancourt, France. Filed Apr. 1, 1924. Serial No. 703,389. 2 Claims. (Cl. 305—10.)



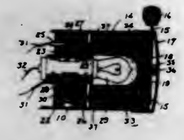
1. A link for chains of endless track vehicles provided with lateral perforated lugs, a resilient tread block, and means for detachably connecting said block to the link, said means comprising sleeves inserted in the ends of the block, arms on the sleeves having pins engaging the perforated lugs, and a tie bolt passing through the sleeves.

1,568,091. DISPENSING DEVICE. WILLIAM A. SCHATZ, Astoria, N. Y., assignor of seventy per cent to William J. Atwood, New York, N. Y. Filed Dec. 13, 1921. Serial No. 522,092. 2 Claims. (Cl. 103—148.)



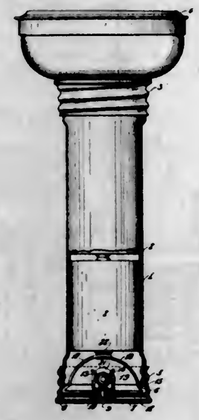
1. A dispensing device, including, in combination, a casing formed with a pair of chambers, a receptacle including a body of resilient material and a mouth disposed within one of said chambers and having its mouth in connection with the second of the same, means for collapsing said receptacle, the second chamber of said casing being formed with intake and outlet openings, and valves independent of said receptacle for controlling the flow of fluid through said latter openings.

1,568,092. TELLTALE SWITCH. WENDELIN P. SENG, Chicago, Ill. Filed Apr. 24, 1920. Serial No. 376,378. 9 Claims. (Cl. 177—311.)



9. In a switch, a pair of members, one fixed and the other relatively movable, a plurality of spring pressed contacts projecting from the face of one of the members, a contact plate carried by the other member having a portion adapted to make continuous engagement with one of the spring pressed contacts, the other contacts being engaged by the contact plate upon the relative movement of the members, an electric lamp carried by one of the members and enclosed between them, the movable member having a recess for receiving the lamp and radiating opening therefrom covered by transparent indicating material, the lamp being in series with the continuously engaged contact so that whenever one of the other contacts is engaged by the contact plate, the member will be lighted in accordance with the different positions thereby and this may be observed through the indicating transparent material.

1,568,093. FLASH LIGHT. JAMES L. SHANNON, Springfield, Mass. Filed Mar. 14, 1925. Serial No. 15,553. 5 Claims. (Cl. 240—10.5.)



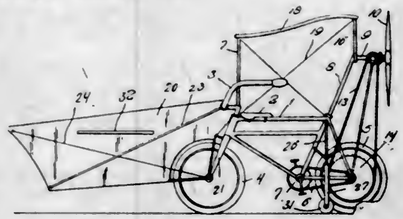
1. A flashlight construction comprising a casing member which is formed with a threaded end, a threaded cap member therefor, a bar having spring members attached to the cap and arranged in overlapping and slidable contact with each other for engagement with one terminal of the battery, spring clips attached to the cap and located between the end of the cap and the said spring members for receiving the extra bulb, the construction and arrangement being such that when the said inner ends are depressed they will always be out of engagement with the bulb.

1,568,094. PIPE-CLEANING TOOL. JOHN W. SHELBURNE, Hannibal, Mo. Filed Apr. 17, 1922. Serial No. 554,251. 4 Claims. (Cl. 137—70.)



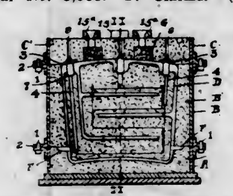
1. A pipe cleaning tool comprising a brace having an offset portion between its ends for forming a crank for rotating the same, said brace being provided with a bore extending through said brace from end to end thereof, a flexible bit slidably mounted in said bore, and means for adjustably holding said bit within said brace.

1,568,095. CYCLE PLANE. PIUS A. C. SILVER, New Smyrna, Fla. Filed Sept. 4, 1925. Serial No. 54,489. 1 Claim. (Cl. 244—14.)



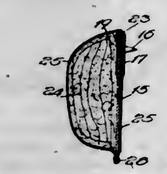
In combination, a cycle frame, a steering fork on the frame, a seat on the frame adjacent the steering fork, handle bars connected with the steering fork, a dirigible wheel journaled in the steering fork, a drive wheel journaled in the frame, means for driving the drive wheel, a hollow standard extending upwardly from the frame and having an extension disposed above the drive wheel, a propeller shaft in the extension, a propeller on the shaft, a beveled gear on the shaft, a second beveled gear meshing with the first mentioned beveled gear, a sprocket fixed to the second beveled gear, a sprocket on the drive wheel, a chain trained over the sprocket, a plane supported above the frame, a rudder attached to the handle bar and to the fork, and stabilizers extending rectangularly from the rudder, one on each side thereof.

1,568,096. PROCESS AND APPARATUS FOR CASTING FURNACE BOSH PLATES. JAMES SMITH, deceased, late of Dormont Borough, Pa., by Isabella K. Smith, administratrix, Dormont Borough, Pa., assignor to Isabella K. Smith, Dormont, Pa. Filed Jan. 29, 1925. Serial No. 5,658. 17 Claims. (Cl. 22—131.)



1. The process of casting a furnace boshplate, nose downwardly and in a vertically disposed position in a mold wherein the core is suspended from above, which consists in admitting the metal into the mold cavity surrounding the mold at a level above but near the lower end of the cavity, so that the molten metal first flows downwardly from the admission level to form the nose of the plate which metal in setting anchors the core in position, and the subsequently admitted metal flows upwardly within the cavity to form the remainder of the plate.

1,568,097. HAT PAD. LENA SMITH, Chicago, Ill. Filed Aug. 16, 1924. Serial No. 732,391. 2 Claims. (Cl. 2—185.)

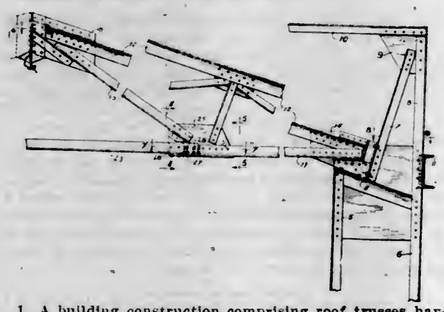


1. In a hat pad, a supporting strip, a plurality of spaced attaching spurs secured independently on one side of said strip, a cushion attached to the other side thereof, and a non-resilient metal member secured to one edge of said strip and adapted to hold said strip in curved position against the inside of the hat without tending to distort said hat.

1,568,098. MODELING CLAY. EARL E. SNOOK, Billings, Mont. Filed Feb. 16, 1925. Serial No. 9,705. 1 Claim. (Cl. 106—36.)

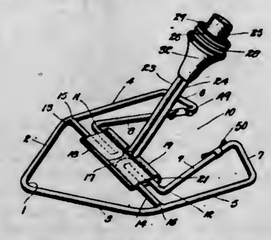
A plastic composition adapted to form a modeling clay comprising approximately 8 oz. of gelatine glue, 11½ oz. of water, 8 oz. of boiled linseed oil, 1 lb. of "titanox," 6 lbs. 1 oz. of bolted whiting, 3 oz. of chrome yellow and ½ oz. of methyl salicylate.

1,568,099. BUILDING CONSTRUCTION. JOSEPH B. STRAUSS, Chicago, Ill. Filed Aug. 10, 1920. Serial No. 402,646. 3 Claims. (Cl. 108—23.)



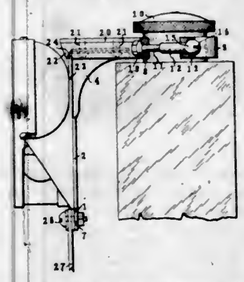
1. A building construction comprising roof trusses having substantially straight bottom chords, a series of seaprated posts, said posts formed wih re-entrant sections at the top, the bottom chords of the trusses having inclined members which fit into the re-entrant sections of the posts, whereby the trusses and posts may be quickly assembled without filed riveting.

1,568,100. MOP HEAD. HERBERT M. STURGIS, Kansas City, Mo. Filed Nov. 14, 1924. Serial No. 749,814. 3 Claims. (Cl. 15—229.)



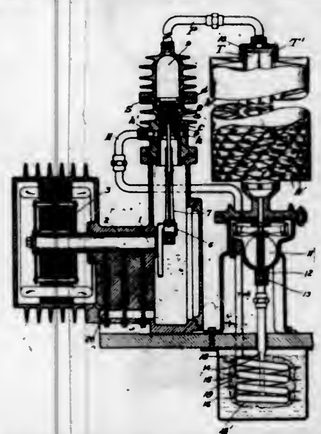
1. A mop head comprising a flat frame of wire bent intermediate its ends to provide diverging portions, parallel arms integral with the diverging portions, inwardly extending portions at the ends of the parallel arms, inwardly directed diverging arms at the inner ends of the inwardly extending portions and terminating in reversely bent ends to provide clip brackets, the brackets being fast to the parallel arms, a sheet metal clip fastened to the brackets and a shank hinged to the clip.

1,568,101. CLAMP. EDWARD COOPER TAYLOR, New York, N. Y. Filed Nov. 25, 1922. Serial No. 603,291. 21 Claims. (Cl. 40—125.)



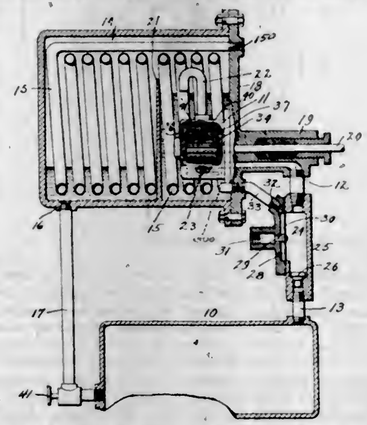
18. In a device of the class described, in combination, a pair of substantially arc shaped members adapted to engage opposite sides of a radiator collar, and shaped to contact with the collar at points spaced apart from each other, sectional bolts engaging the ends of the members for drawing them together, the sections having threaded engagement, the bolts having ball and socket connections with one member and sliding connections with the other, and cooperating cam surfaces in connection with the said member and the bolts for moving said bolts inwardly when they are tightened.

1,568,102. REFRIGERATING APPARATUS. ELIHU THOMSON, Swampscott, Mass., assignor of one-third to John A. McManus, Lynn, Mass., and one-third to James E. Graham, Newtonville, Mass. Filed July 28, 1923. Serial No. 654,377. 6 Claims. (Cl. 62—178.)



1. In a refrigerator the combination of a compressor having a spring supported piston yielding increasingly as compression pressure increases to reduce supply of a volatile refrigerant and reduce the compressed charge under increasing back pressure, a condenser having multiple metallic fins a chimney carrying air for condensation in amount corresponding to increased condenser temperature, controlling means at the outlet of said condenser comprising an automatic intermittent valve, an evaporator receiving refrigerant periodically in small increments, and a water tank of such capacity as to permit a graduated thickness of ice as a thermal barrier in amount to cover rest periods from compression, said tank surrounding and closely adjacent to the evaporator.

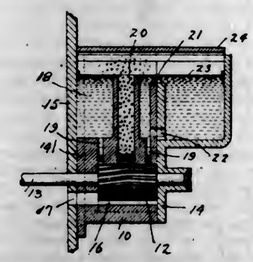
1,568,103. REFRIGERATING APPARATUS. RAYMOND W. TIBBETTS, Boston, Mass., and MYRON S. CURTIS, Pawtucket, R. I. Filed Dec. 8, 1919, Serial No. 343,306. Renewed Sept. 9, 1925. 4 Claims. (Cl. 62—116.)



1. A gas using refrigerating apparatus having a condensing chamber with two compartments side by side and in communication in the upper part of the chamber, one of such compartments being an oil well, a pump within said chamber having an outlet for mingled oil and gas with its discharge end located to deliver mingled oil and gas to the oil well and a passage being provided leading into the pump from such oil well whereby the well contents enter the pump and gas condensing surfaces in the upper part of the condensing chamber above both compartments therein.

3. The combination of a chamber into which a refrigerant gas to be condensed is introduced, means for the flow of a condensing liquid associated with such chamber, a pump, means for the flow from such condensing chamber to the pump of the refrigerant comprising a chamber, a diaphragm within such chamber providing a passage through the chamber of refrigerant on its way to the pump and also providing a passage for the condensing liquid, and a valve carried by said diaphragm to control the flow of said condensing liquid.

1,568,104. GAS PUMP FOR REFRIGERATING APPARATUS, ETC. RAYMOND W. TIBBETTS, West Roxbury, Mass., and MYRON S. CURTIS, Pawtucket, R. I. Filed Mar. 27, 1920, Serial No. 369,287. Renewed Sept. 9, 1925. 3 Claims. (Cl. 230—30.)



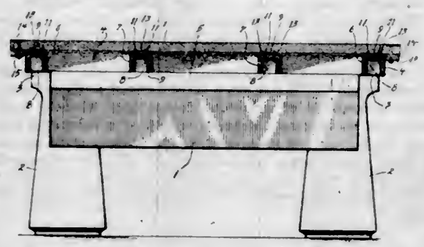
1. A pump comprising a casing intermeshing gears mounted for rotation in such casing, a port for delivering gas to said gears and a liquid tank having liquid inlet and outlet passages establishing communication between the tank and the gears, said tank having a vertical partition, terminating below the level of liquid in the tank.

1,568,105. PRINTING POSTERS. HUMPHREY C. TIFFANY, Detroit, Mich. Filed Mar. 20, 1922. Serial No. 545,245. 1 Claim. (Cl. 101—398.)



In the art of printing large posters having a solid color background by individual blocks adapted to print a portion or panel of the poster:—means for printing such panels comprising incised interchangeable blocks the printing surfaces of which form a common background for ink adapted to produce the color background of the poster, certain of said interchangeable blocks adapted to imprint over the margins of the background formed by adjacent blocks so that there are overlapped ink portions adjacent each panel obliterating any line demarcation between panels.

1,568,106. GAME TABLE. THEODORE R. TREIBER, Chicago, Ill., assignor to William H. McWhorter, Chicago, Ill. Filed Jan. 18, 1924. Serial No. 687,035. 22 Claims. (Cl. 273—3.)



1. The combination in a metal game table of a plurality of metal bed supporting members fixed on the frame of the table, and a slate bed provided with a plurality of finished grooves on its lower surface providing finished surfaces for engagement by said supporting members when the bed is seated thereon.

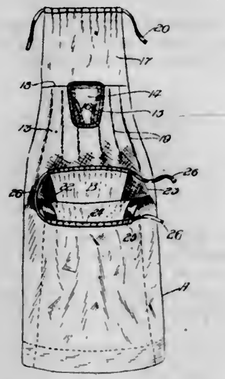
7. The combination with a metal game table frame of a plurality of horizontally disposed spaced bed supporting members secured thereon and all extending in the same direction and constituting the sole support for the bed of the table.

9. The combination with a game table frame, of a plurality of horizontally disposed channels carried by the frame, of a cement substance, capable of taking on an unyielding set, in the channels and hardened therein, and a plurality of bed supporting members set in the cement substance in respective channels for supporting the bed of the table.

1,568,107. BURIAL GARMENT. ZOE S. TUCKER, South Bend, Ind. Filed Jan. 17, 1923. Serial No. 613,112. 4 Claims. (Cl. 2—64.)

3. A burial garment in which is comprised a robe formed to surround the body from the waist line down, an under slip secured to the robe adjacent the waist line and extending downwardly therefrom, means for tying both the robe and under slip about the waist line of the body, connected front and back pieces extending

from the waist line of the robe upwardly to the shoulders, thereover, and thence downwardly to the waistline at the rear of the body, and tying means secured along the

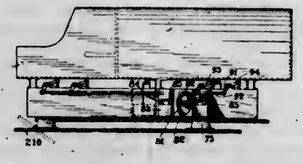


lower edge of one of these pieces adapted to be passed around to the opposite side of the body and there secured together, substantially as described.

1,568,108. METHOD OF PRODUCING IMPRESSIONALISTIC ORNAMENTAL SURFACES. MARSHALL A. TURNER, Peterborough, Ontario, Canada, assignor to Wilfred Hall, Peterborough, Ontario, Canada. Filed Oct. 11, 1922. Serial No. 593,909. 2 Claims. (Cl. 91—68.)

1. A method of ornamenting surfaces which consists in applying a coating of corn-starch mixed with sufficient liquid to make it of a viscous consistency whereby such coating is of varying thickness, applying a colouring pigment to the coating while still in the viscous state wherein upon liquid being evaporated out of the cornstarch the coating will dry substantially flat on the surface treated while presenting the appearance of being embossed.

1,568,109. STEPPER. RICHARD VENZLAFF, Berlin, Germany, assignor of two-thirds to Arthur von Mumm and Walter von Mumm, both of Berlin, Germany. Original application filed Feb. 16, 1921, Serial No. 445,552. Divided and this application filed Mar 23, 1922, Serial No. 546,175. Renewed Nov. 28, 1925. 2 Claims. (Cl. 180—8.)



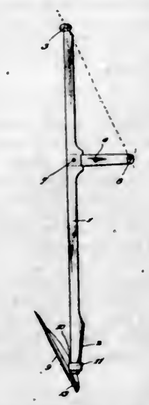
1. A vehicle of the kind described comprising in combination two pairs of runners adapted to be alternately moved forward, a frame adapted to glide across said runners and a horizontal shaft extending across said frame, horizontal slides with cam slots adapted to be displaced on said frame, an arm on said shaft adapted to move within and in contact with said slot slides connected with said runners and adapted to be displaced vertically on said frame for lifting said runners and connecting rods establishing an operative connection between said shaft and said runners.

1,568,110. PARTITION AND LIKE BUILDING CONSTRUCTION. FREDERICK M. VENZIE, Philadelphia, Pa. Filed Feb. 6, 1923. Serial No. 617,281. 7 Claims. (Cl. 72—118.)



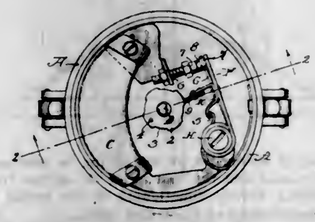
1. A construction of the character stated comprising spaced and fixed supporting strips arranged in parallelism, a plurality of spaced clips detachably engaging said strips each clip forming opposed U-shaped unit accommodating sockets, a plurality of units comprised of blocks of fire-proofing material of a width approximating the distance edgewise between the U-shaped portion of adjacent strips fitted between pairs of strips end to end and engaging in said sockets and a fire-proofing surfacing material applied to the opposite faces of said units.

1,568,111. SCYTHE. MIKE VIDOS, Renton, Wash. Filed Dec. 1, 1924. Serial No. 753,265. 1 Claim. (Cl. 56—135.)



In a scythe, a straight snath having a tapered lower end, a grip member extending from the upper end of the snath at a right angle thereto, a post extending from an intermediate point of the snath at a right angle thereto and also at a right angle to the longitudinal axis of the grip member, a second grip member extending from the free end of the post parallel with the first-mentioned grip member, a blade, a tang rigidly connected with the butt end of the blade in fixed angular relation thereto, the width of the blade being disposed in a plane parallel with a plane passing through the centers of the grip members, and a clamping collar encircling the tang and the lower tapered end of the snath and having a wedging binding engagement with the snath.

1,568,112. IGNITION DEVICE. CHARLES J. VOGE, Chicago, Ill. Filed Nov. 1, 1924. Serial No. 747,310. 6 Claims. (Cl. 200—27.)



3. An ignition device having two sets of interrupter points and a cam for mechanically operating each set, said cams being so adjusted with relation to each other that the cam first to operate will close and open its set of interrupter points before the second cam closes and opens its set of interrupter points.

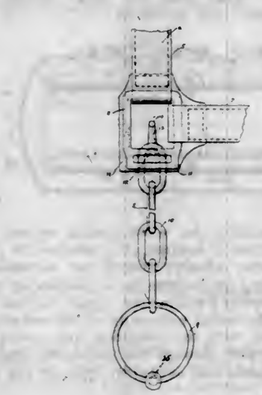
1,568,113. BREECHING LEAD-UP ATTACHMENT. JAMES M. WALSH, Milwaukee, Wis. Filed Apr. 21, 1924. Serial No. 707,977. 6 Claims. (Cl. 54—5.)



2. In combination, a breeching body formed of an outer casing of flexible leather, a soft core enclosed therein, and a longitudinally extending reenforcing strip, a metallic hook member secured to the breeching and partially covered by the reenforcing strip, the mouth of said hook member facing said section and normally yieldingly closed thereby, means formed on said hook member cooperating with said reenforcing strip for preventing lateral movement of said hook member, a lead up strap having its end portion looped, and a member having an opening carried by the looped portion of said lead up strap and engageable with said hook member for disengageably securing the lead up strap to the breeching body.

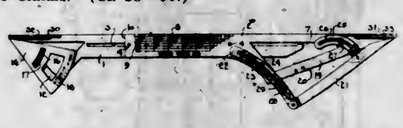
1,568,114. BRIDLE. JAMES M. WALSH, Milwaukee, Wis. Original application filed May 22, 1924, Serial No. 715,121. Divided and this application filed Feb. 7, 1925. Serial No. 7,590. 5 Claims. (Cl. 54—6.)

5. The combination with a bridle including a head-stall and bit, a connector secured to the head-stall and formed with a hook portion extending into the plane of the connector, and connecting means connected to the bit and detachably engaged by the hook portion of said connector, said connecting means being formed of a plurality of sections movable with respect to each other so that movement of a lower section of said connecting means will



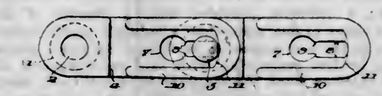
not move an upper section to accidentally disengage it from said hook, any portion of the connecting means being selectively engaged by said hook.

1,568,115. IMPLEMENT FOR MARKING ROOF RAFTER CUTS AND BRACES. JOHN DUDLEY WEAVER, Woodriver, Ill. Filed Dec. 7, 1922. Serial No. 605,460. 9 Claims. (Cl. 33—90.)



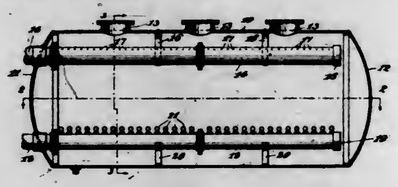
1. An instrument of the character described comprising two members relatively adjustable longitudinally and provided with suitably designated graduations for indicating the length of a rafter to be cut, said graduations being so arranged that the length of the instrument adjusted according to the graduations bears the same ratio to the length of the rafter to be cut that the length of the instrument when fully contracted bears to one-half the width of the building.

1,568,116. SPROCKET CHAIN. JERVIS B. WEBB, Royal Oak, Mich. Filed June 11, 1925. Serial No. 36,348. 3 Claims. (Cl. 74—32.)



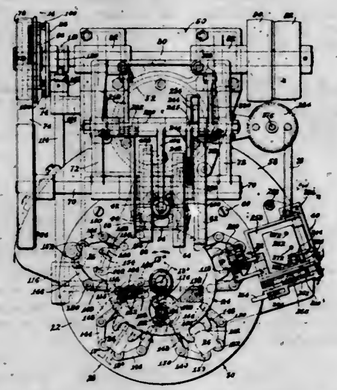
1. In a sprocket chain composed of similar links each having a tubular member and side members, said side members each having, near their free ends, elongated key-hole slots, outwardly facing shoulders on said side members near their junction with the tubular member, cylindrical pins having segmental grooves at diametrically opposite points near their ends adapted to enter the tubular member and the circular portion of the key-hole slots and lie in the rectangular portion thereof when the links are assembled, the key-hole slot being restricted at the junction of the circular and rectangular portions to a width slightly less than the distance between the bottoms of the grooves in the locking pin.

1,568,117. APPARATUS FOR THE STANDARDIZATION OF SOLUTIONS. JOHN FRANKLIN WHITMAN, Brooklyn, N. Y. Filed Aug. 27, 1924. Serial No. 734,547. 6 Claims. (Cl. 23—271.)



1. In a device suitable for a circulating system for standardizing the chemical content of a solution, in combination, a receptacle, closable means for introducing a liquid directly into the receptacle, a perforated pipe positioned longitudinally within the upper portion of the receptacle and extending outwardly of the receptacle, exit means connected with the receptacle and means capable of forcing a liquid through the perforated pipe inwardly of the receptacle and outwardly through the exit means.

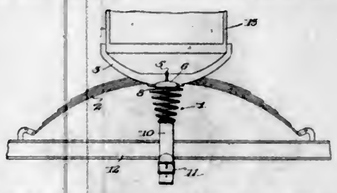
1,568,118. HEEL-BUILDING MACHINE. ERASTUS E. WINKLEY, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Sept. 22, 1922. Serial No. 589,794. 35 Claims. (Cl. 12—50.)



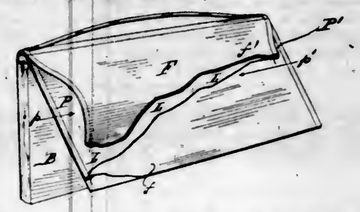
1. A heel building machine for forming heel-sections of at least two lifts having, in combination, a frame providing a number of lift-receiving stations equal to the number of lifts in the heel-section and a discharge station; a conveyer provided with a number of lift-holders equal to one more than a multiple of the number of lifts in the heel-section to be formed, an equal number of said holders registering with said receiving and discharge stations when the conveyer is at rest; and means for periodically advancing the conveyor through the same number of spaces between the holders as there are lifts in the heel-section.

1,568,119. COMBINED BUFFER AND SNUBBER. DAVIS L. WOLF, Archer County, Tex. Filed Aug. 13, 1924. Serial No. 731,801. 2 Claims. (Cl. 267—67.)

1. In a combined snubber and buffer, the combination with an axle and a transverse leaf spring, of a central vertical coiled spring fixed at its upper end to the leaf spring and suspended therefrom directly above and normally spaced from and out of contact with the axle and adapted to be carried into contact with the axle by excessive downward movement of the spring to act as a buffer and check such downward movement, and means loosely suspended from the lower end of the spring about the axle and unconnected with the axle and arranged to engage the axle and distend and tension the spring during excessive upward movement of the spring in rebound, said connecting means and the spacing of the spring from the axle permitting normal functioning of the spring of the vehicle independently of the coiled spring.

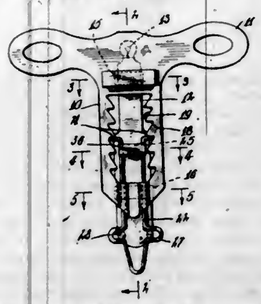


1,568,120. POCKETBOOK. MORRIS WUNTHAL, New York, N. Y. Filed Dec. 23, 1924. Serial No. 757,616. 3 Claims. (Cl. 150—28.)



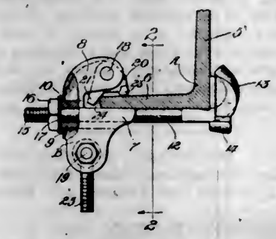
1. A pocket book of the character designated, having a flap member constructed with duplex co-related longitudinal pockets inverted with relation to each other and extended each for the full length of the flap, the mouth of each pocket being at the extremity thereof adjacent to the closed end of the other twin pocket, substantially in the manner and for the purpose set forth.

1,568,121. CRAVAT FRAME. JOSE B. YANEZ, Davenport, Iowa. Filed Aug. 1, 1924. Serial No. 729,455. 2 Claims. (Cl. 24—57.)



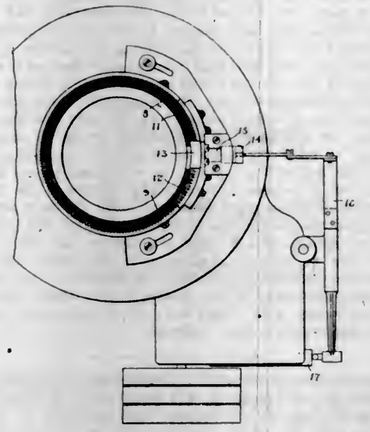
1. A device of the class described comprising a plate adapted to hold a tie, said plate being formed with a vertical slot, ratchet teeth formed on the side walls of said slot, a bar engaged with said plate for vertical adjustment thereon and having its upper end formed with an eye, and pawl elements carried by said bar and removably engaging said ratchet teeth, a U-wire mounted on said plate and having said pawl elements formed on the upper ends of its legs, and means attaching said wire to said bar to permit of lateral movement to its legs while preventing longitudinal displacement of the wire on said bar.

1,568,122. CLAMP. LOTHAR R. ZIFFERER, Columbia, Pa. Filed May 8, 1923. Serial No. 636,844. 7 Claims. (Cl. 189—35.)



1. The combination with a beam having a flange, of a clamp adapted to be secured thereto and comprising a fixed element adapted to underlie the flange, and pivoted to the fixed element a rocking wedge element adapted to overlie the flange, and means for forcing the clamp transversely upon the flange whereby the rocking element is wedgingly engaged with the upper flange side, substantially as described.

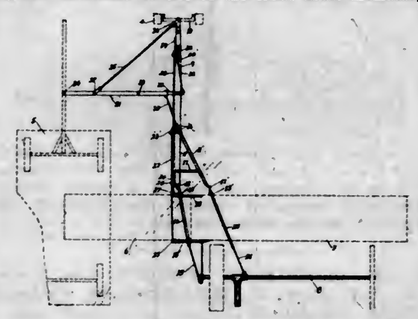
1,568,123. METHOD AND MEANS OF KNITTING FULL-FASHIONED HOSIERY ON A CIRCULAR-KNITTING MACHINE. JOHN M. ALLEN, Toronto, Ontario, Canada. Filed July 10, 1924. Serial No. 725,249. 3 Claims. (Cl. 66—24.)



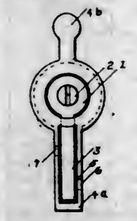
1. A method of knitting full fashioned hosiery on a circular knitting machine, consisting in knitting the fabric upon a circular knitting machine with a reciprocating action of the needle cylinder to form the foot, the ankle and the leg portion in a fashioned shape utilizing practically the entire circle of needles by intermittently withdrawing the top centre cam of the knitting machine out of the path of the needles.

1,568,124. TRACTOR HITCH FOR HEADERS. EMIL F. ANDERSON, Chicago, Ill., assignor to International Harvester Company, a Corporation of New Jersey. Filed June 12, 1920. Serial No. 388,641. 8 Claims. (Cl. 56—6.)

1. In a tractor hitch for harvesters, a pair of front draft members, rear draft members connected at one end to the front draft members and secured at their opposite ends to the axle of the harvester, means securing the rear draft members to the harvester platform, an adjusting bar connected to one of the front draft members, a lever carried by the same draft member, and means connecting the lever, bar and harvester whereby movement of the lever will adjust the harvester platform.

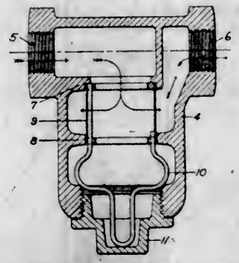


1,568,125. IGNITION-SWITCH LEVER. ORRIN G. BARLOW, Davenport, Iowa. Filed Aug. 14, 1924. Serial No. 732,118. 4 Claims. (Cl. 74—33.)



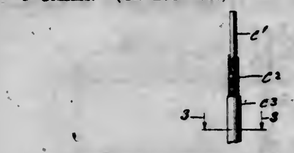
1. An attachment for an ignition switch for automobiles, comprising an annular hub, a yoke adapted to embrace the hub and handle of the ignition switch, with an upwardly projecting handle united thereto.

1,568,126. LIQUID STRAINER. ROBERT S. BASSETT, Buffalo, N. Y. Filed May 4, 1925. Serial No. 27,668. 2 Claims. (Cl. 210—165.)



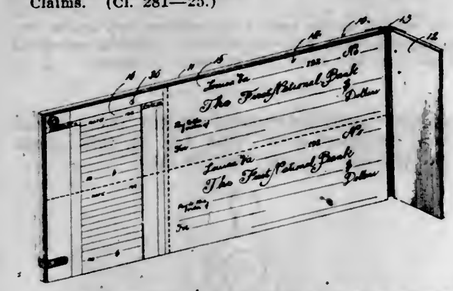
1. A liquid strainer comprising a casing having an inlet passage, an outlet passage, a sediment chamber, a cleaning opening at the end of said casing, a partition with one perforation separating said inlet passage from said outlet passage, a second partition below said first partition, with one perforation and separating said outlet passage from said sediment chamber, combined with a tubular screen open at both ends, insertible through said cleaning opening and said sediment chamber, engaging said partitions at the perforations, and connecting said inlet passage to said sediment chamber.

1,568,127. TENNIS RACKET. ALLEN H. BEHR, Brooklyn, N. Y. Filed May 13, 1925. Serial No. 29,957. 6 Claims. (Cl. 273—73.)



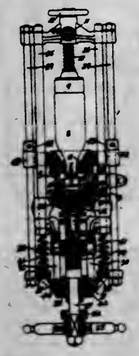
1. A tennis racket having an impact medium consisting of a weave of cord comprising a core of glue-impregnated animal ligature, enclosed in a textile covering coated with waterproof varnish, substantially in the manner and for the purpose set forth.

1,568,128. CHECK BOOK. WILLIAM C. BIBB, Louisa, Va. Filed June 23, 1925. Serial No. 39,111. 2 Claims. (Cl. 281—25.)



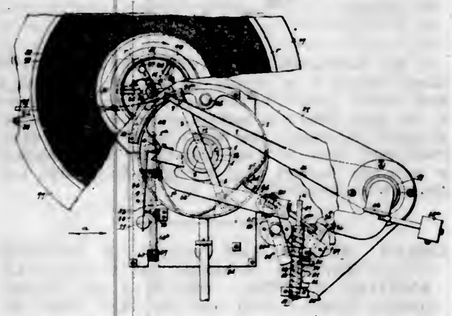
1. In a check book, a cover having a back, a plurality of checks arranged on the bank having stubs, means for pivotally connecting the check stubs on the back including a stud bolt extending through one corner of the cover, a relatively thin disk shaped plate formed on one end of the stud bolt connected with the back, the stud bolt extending through one corner of the check stubs, and a relatively thin nut fitted upon the opposite end of the stud bolt, and a clip carried by the opposite corner of the back for detachably engaging the said check stubs at a point remote from said stud bolt.

1,568,129. MACHINE FOR FILLING AND SEALING BOTTLES. ARTHUR JAMES BILLOWS, London, England. Filed Sept. 8, 1922. Serial No. 586,939. 4 Claims. (Cl. 226—28.)



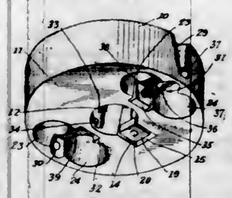
1. A machine for filling and sealing bottles comprising top and bottom bridge pieces connected by vertical rods, a head slidably mounted on the rods, a sealing gasket in said head, a chuck also in the head below the sealing gasket, guide rods carried by the head and slidably engaging the top bridge piece, retracting springs connecting the head with the bottom bridge piece, stop pins carried by the head, a striker plate for automatically locking said stop pins in an elevated position, a spindle having a screw part engaging in a portion of said head and adapted to operate the chuck, and a resetting cam carried by the spindle and adapted to release the striking plate from locking engagement with said stop pins after the bottle has been sealed.

1,568,130. MULTIDISK PHONOGRAPH. HOWARD BLACKWELL, Youngstown, Ohio. Filed Oct. 7, 1921. Serial No. 505,998. 38 Claims. (Cl. 274—10.)



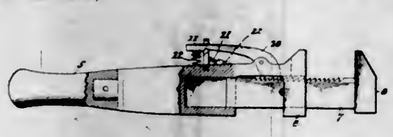
35. In a talking machine, the combination with a record carrying turntable, driving mechanism therefor, and a tone arm swingable over the turntable and vertically oscillatable with respect to the said turntable; of means set into action by the driving mechanism for lifting the tone arm, swinging it outwardly clear of a record carried by the turntable and controlling its return above and the lowering thereof into cooperation with the start of that record, means engaged by the tone arm during a portion of its outward swing and acting to store up energy to force the same to cooperative operation with the said controlling action, the said last named means including a pusher rod normally projected by spring pressure and a member associated with the tone arm for engaging the pusher rod to force it against the pressure of the spring, and devices for setting the pusher rod relatively to the engaging member associated with the tone arm whereby to regulate the amount of the spring impelled movement of the pusher rod to adapt the same to cooperation with varied sizes of records and to render the same inactive when desired.

1,568,131. CABLE-BOX ANCHORAGE. WILLIAM A. BONNELL, Brooklyn, N. Y. Filed Sept. 18, 1922. Serial No. 588,779. 3 Claims. (Cl. 247—1.)



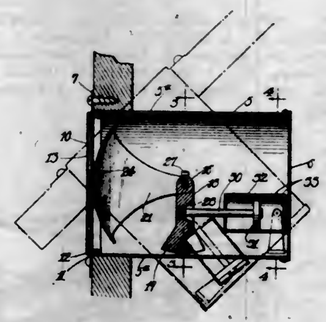
1. A cable box comprising a cast body having a centrally apertured support receiving hub and provided with a plurality of cable receiving sockets, said body being further provided with a plurality of aligned openings communicating with said socket and centrally apertured hub, said openings being adapted to receive means for securing cables in said sockets and formed in said cast body entirely by casting methods.

1,568,132. WRENCH. GEORGE W. BRADLEY, Avery, Tex., assignor of one-half to Brose P. Medford, Avery, Tex. Filed Oct. 30, 1922. Serial No. 597,906. 2 Claims. (Cl. 81—136.)



1. In a wrench comprising a tubular handle, a yoke carried thereby and provided with a slot in the upper face thereof, a rack bar slidable in said handle and said yoke, a pawl pivotally carried by said handle and having its forward end receivable in said slot for engagement with said rack bar, the opposite end of said pawl having an elongated slot provided therein, a pivoted locking member carried by said handle and extending through said slot in said pawl, a shoulder extending outwardly from one of the side faces of said locking member and adapted for engagement with the rear portion of said pawl, the aforesaid shoulder adapted to limit the movement of the end portion of said pawl to actuate said pawl out of engagement with said rack bar, and resilient means engaging said pivoted locking member for urging the same toward the rear portion of said pawl.

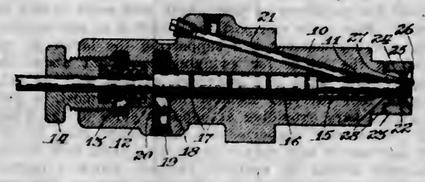
1,568,133. GRADOMETER. MILTON BROOKS, Esperance, N. Y. Filed June 23, 1922. Serial No. 570,321. 1 Claim. (Cl. 33—220.)



A gradometer comprising a cylindrical housing having a front observation opening, a horizontal rod extending across the casing, a segmental indicator dial adjustably secured on the rod and movable across the face of the observation opening, a weight suspended from the rod for normally holding the indicator dial in a predetermined position, a bracket arranged within the housing below and forward of the pivot rod, a cylinder rockably mounted on the bracket below said rod, a piston reciprocally mounted within the cylinder, and a piston rod rigidly connected to the piston and pivotally connected to the weight below the pivot rod, as and for the purpose specified.

1,568,134. FUEL NOZZLE. LEOPOLD F. BURGER and WILLIAM F. BORGERD, Riverside, Ill., assignors to International Harvester Company, Chicago, Ill., a Corporation of New Jersey. Filed Sept. 9, 1922. Serial No. 587,255. 5 Claims. (Cl. 299—133.)

1. In a fuel nozzle, a body having a longitudinal bore, a valve having an enlarged portion freely slidable in the bore and having a reduced cylindrical flat end, a valve seat at one end of the body having a central aperture, the seat having a flat bottomed frustro-conical recess co-axial with the aperture and adapted to receive



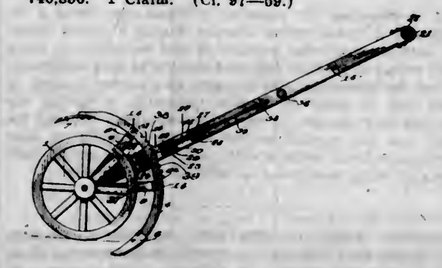
the reduced end of the valve, and means for pressing the reduced end of the valve against the flat bottom of the recess to close the aperture.

1,568,185. PANIC BOLT LOCK. WILLIAM J. CARROLL, West Haven, Conn., assignor to Sargent & Company, New Haven, Conn. Filed Jan. 9, 1923. Serial No. 611,685. 27 Claims. (Cl. 292—92.)



1. Door holding mechanism comprising a latch bolt adapted to be mounted in the door jamb and to enter a keeper opening in the door; a second bolt mounted upon the door and controlling said latch bolt, said latch bolt holding said door in position to prevent the binding of said second bolt against the door jamb.

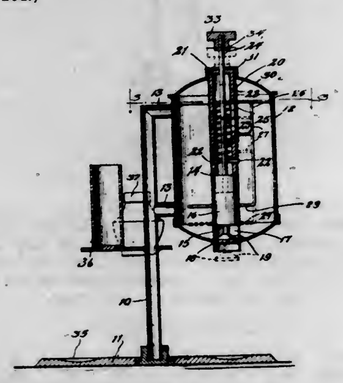
1,568,136. GARDEN IMPLEMENT. WILEY A. CRUMP, Humble, Tex. Filed Sept. 27, 1924. Serial No. 740,356. 1 Claim. (Cl. 97—59.)



An implement of the character described comprising a ground wheel, an axle extending through the hub of the wheel and projecting beyond the ends of the hub, an arcuate tool carrying member having the inner wall

thereof defined in the arc of a circle struck by a radius of greater length than the radius of said wheel, pairs of arms swingingly supported on the end portions of said axle and extending at opposite sides of said wheels beyond the periphery of said wheel, said arms having inwardly offset outer end portions attached to said arcuate tool carrying member and supporting the latter in the plane of the wheel for swinging movement about the axis of said axle, the convexly curved wall of said arcuate tool carrying member being outermost, a pair of handle bars extending at opposite sides of the wheel and respectively supported at their inner ends on the end portions of said axle, a block connecting said handle bars and having an aperture through which a portion of said arcuate tool carrying member extends, said portion of the arcuate tool carrying member having notches in its outer wall, a latch bar supported between said handle bars to have limited movement in the direction of its length and being movable in said direction to and from position to engage the notches of said tool carrying member, a spring urging said latch to position to engage with said notches, a pair of inwardly extending opposite eye members carried by the handle bars outwardly of the outer end of said latch, a link attached at its inner ends to said latch and having a loop portion at its outer end, said loop portion having parallel side members extending slidably through the eyes of said eye members, and a cross member between the handle bars rearwardly of said loop and adjacent thereto, said cross member and said loop being adapted to be gripped at the same time in the hand of the operator and the link thereby actuated to retract said latch bar.

1,568,137. DISPENSING DEVICE. NORMAN F. DAHNS and ANDREW L. THANOS, La Porte, Ind. Filed Feb. 28, 1924. Serial No. 695,651. 5 Claims. (Cl. 221—104.)



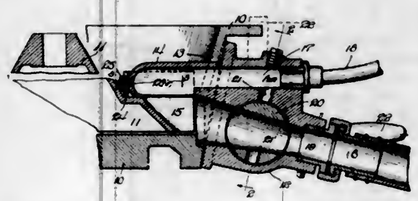
1. A dispenser for granular material comprising a receptacle, a reciprocating plunger having a recess therein, said plunger being movable in said receptacle to bring said recess alternately into and outside of said receptacle, a rod for operating said plunger, an agitator secured to said rod to move in unison therewith, a spring for moving said plunger in one direction, and a housing for said rod and spring to exclude the material in said receptacle from contact with said rod and spring, said agitator being positioned outside of said housing.

1,568,138. CURTAIN WINDOW. WILLIAM J. DECKER, Detroit, Mich., assignor to Decker Manufacturing Company, a Corporation of Delaware. Filed Aug. 30, 1920. Serial No. 406,845. 7 Claims. (Cl. 296—145.)

7. The combination with the curtain fabric and the lining fabric forming the covering of an auto top of a two-piece window frame adapted to be secured one to each fabric section and concealed therebetween, a window secured between the frame sections and the fabric sections and means for securing the frame sections together.



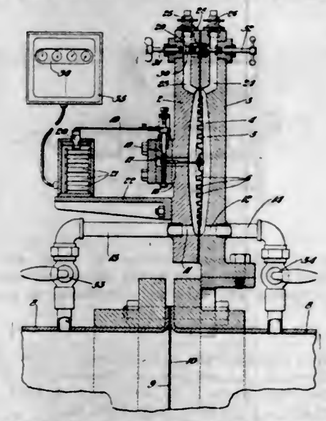
1,568,139. DEVICE FOR FEEDING COMMINUTED MATERIAL TO A CONDUIT. CLARENCE L. DEWEY, Wilmette, Ill., assignor to Cement Gun Construction Co., Chicago, Ill., a Corporation of Illinois. Filed Feb. 23, 1923. Serial No. 620,667. 2 Claims. (Cl. 302—40.)



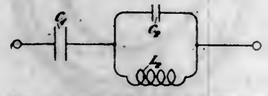
1. A device of the character described comprising a charge holder for comminuted material, a conduit thru which the material is to be passed; means for introducing air under pressure to move the charge and a valve arranged to close the charge-holding container and to by-pass the container providing a direct path into the conduit.

1,568,140. PRESSURE GAUGE. DEXTER EDGE, Pittsburgh, and JOHN A. HUNTER, Ben Avon, Pa. Filed Sept. 28, 1923. Serial No. 665,375. 3 Claims. (Cl. 73—110.)

3. In a differential pressure gauge, the combination of a closed receptacle, a diaphragm dividing said receptacle into two chambers and adapted to be deflected to an extent varying with the difference between the fluid pressures in said chambers, conduits leading from said chambers to sources of fluid pressures, an upwardly extending conduit leading from the upper end of each of said chambers and provided with a valved outlet, said last named conduits serving as vents when desired and having a by-pass formed therebetween, an automatic pressure operated valve for controlling the flow through said by-pass, and means operable by said diaphragm for registering the pressure changes in said chambers.

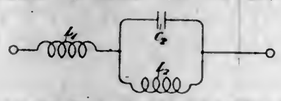


1,568,141. FREQUENCY SELECTIVE CIRCUITS. HENRY W. ELSASSER, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Aug. 13, 1920. Serial No. 403,367. 8 Claims. (Cl. 178—44.)



1. A wave filter of the type having like recurrent sections and in which each section consists of a series element and a shunt element, one of these elements consisting of a capacity reactance in series with a plurality of paths in parallel with each other, one of said paths comprising inductive reactance and the other of said paths comprising capacity reactance.

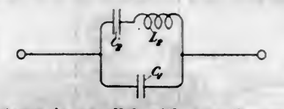
1,568,142. FREQUENCY SELECTIVE CIRCUITS. HENRY W. ELSASSER, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Aug. 13, 1920. Serial No. 403,368. 5 Claims. (Cl. 178—44.)



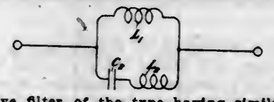
1. In a wave filter of the type having like recurrent sections, each section consisting of a series element and a shunt element, a complete element consisting of a network of impedances so arranged and so proportioned that at low frequencies the reactance thereof has a small positive value which increases as the frequency is raised to a large positive value, then undergoes a sudden change from a large positive to a large negative value, and thereafter decreases in negative value, finally becoming increasingly positive.

1,568,143. FREQUENCY SELECTIVE CIRCUITS. HENRY W. ELSASSER, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Aug. 13, 1920. Serial No. 403,369. 9 Claims. (Cl. 178—44.)

1. A wave filter of the type having similar recurrent sections, each section having a series element and a shunt element, one of those elements in each section consisting of a single lumped reactance and the other element in each section being a network comprising a capacity reactance in parallel with a path comprising an inductive reactance and a capacity reactance in series with each other.



1,568,144. FREQUENCY SELECTIVE CIRCUITS. HENRY W. ELSASSER, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Aug. 13, 1920. Serial No. 403,370. 4 Claims. (Cl. 178—44.)

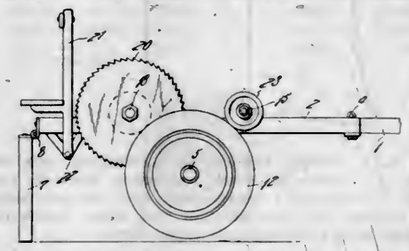


1. A wave filter of the type having similar recurrent sections, each section comprising a series element and a shunt element, and one of those elements consisting of a single lumped reactance, the other element being a network comprising an inductive reactance in parallel with a path comprising an inductive reactance and a capacity reactance in series with each other.

1,568,145. FREQUENCY FILTER FOR ELECTRIC CURRENTS. HENRY W. ELSASSER, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Feb. 26, 1921. Serial No. 448,029. 5 Claims. (Cl. 178—44.)

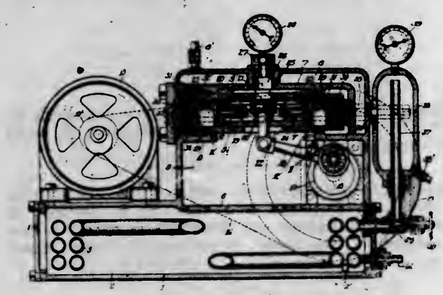
1. A wave filter of the recurrent section type and a network at the input end consisting of a midseries input network and a midshunt input network connected in series between the input terminals and across the main body of the said filter whereby the filter has an impedance value approximately the average of the values that it would have with each termination alone.

1,568,146. SAW ATTACHMENT FOR VEHICLES. CHRISTIAN F. ERNST, Manchester, Mich. Filed Feb. 2, 1925. Serial No. 6,480. 5 Claims. (Cl. 74—106.)



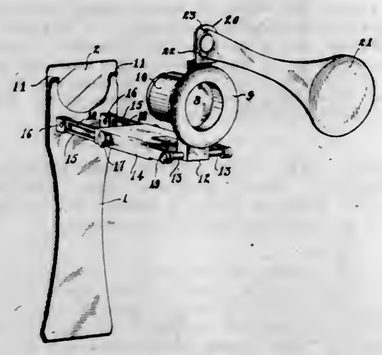
1. A device for the purpose indicated comprising in combination with a vehicle having a chassis frame, of beams carried by the frame, a tool shaft spanning the beams, and means engaging the beams and the vehicle axle for elevating the latter, the tool shaft having a friction roll for engagement with one of the driving wheels of the axle.

1,568,147. REFRIGERATING APPARATUS. PHILIP FISCHBACHER, Quincy, Ill. Filed Mar. 16, 1923. Serial No. 625,448. 3 Claims. (Cl. 230—6.)



1. Apparatus providing, in combination, a casing for cooling medium, said casing being provided with inner walls providing a chamber, a cylindrical sleeve supported within said chamber, said inner walls providing abutment means, for one of said cylindrical sleeve, a second cylindrical sleeve encircling said first mentioned sleeve and having abutting relationship with the other end of said first mentioned sleeve, cooperating ports in said sleeve, a piston within said first mentioned sleeve and transmitting mechanism for communicating reciprocating motion to said piston, said piston and said first mentioned sleeve being provided with cooperating valves, said valve in said sleeve being adapted to control said ports, said transmitting mechanism, piston and valves being so proportioned that said piston at a limit of its travel reduces to substantially zero the space between said valves when said valve uncovers in said sleeve the port in said first mentioned sleeve.

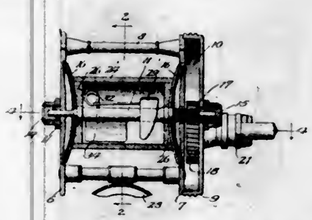
1,568,148. READING MACHINE. BRADLEY A. FISKE, New York, N. Y. Filed Feb. 21, 1925. Serial No. 10,849. 6 Claims. (Cl. 88—39.)



1. In a reading machine, the combination with the lens, of a frame on which the lens is mounted, said frame constituting a spring clamp, open on three sides, for holding the paper, sheet or card which carries the reading matter, substantially as set forth.

1,568,149. FISHING REEL. WILLIAM A. FOSS, Cleveland, Ohio. Filed Dec. 10, 1923. Serial No. 679,546. 12 Claims. (Cl. 242—84.5.)

1. In a fishing reel, the combination of a frame adapted to be secured to a fishing rod, a spool rotatably mounted in the frame, means for operating the spool to wind a line thereon, and a centrifugal device substantially and constantly free to rotate without variation in the



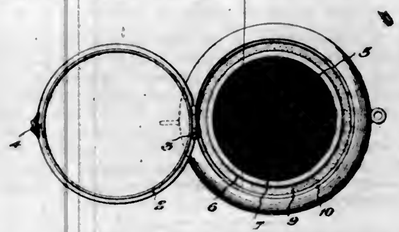
retardational engagement between the spool and frame and connected to the spool so its movement under centrifugal influence will vary its retardance of the spool.

1,568,150. CONTAINER. THEODORE CLYDE FOSTER, Providence, R. I., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Filed Oct. 6, 1924. Serial No. 741,857. 3 Claims. (Cl. 220—55.)



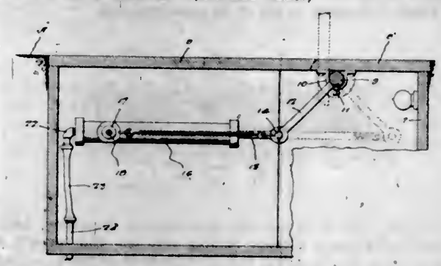
1. In combination with a container including a central body having a peripheral hollow slotted bead and a pair of opposed covers hinged to the body, a single spring latch for both of the covers having a central lateral car riveted to the body, a pair of catches for the covers struck-out from the respective opposite ends of the latch, and disposed on opposite sides of the bead and finger pieces on the ends of the latch projecting through the slots of the bead.

1,568,151. VANITY CASE. THEODORE W. FOSTER, Providence, R. I., assignor to Theodore W. Foster & Bro. Company, Providence, R. I. Filed Apr. 4, 1925. Serial No. 20,669. 5 Claims. (Cl. 132—82.)



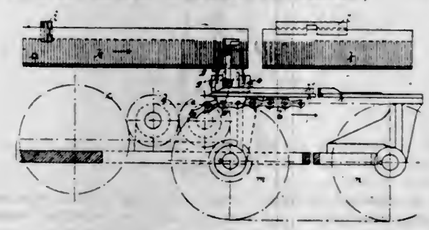
2. In a vanity case, a body having a side wall, a screen, a felt member seating on the surface of the powder and secured to and extending outwardly beyond the periphery of the screen and having its periphery frictionally and movably engaged with the side wall of the body, and means to connect the felt member to the screen.

1,568,152. RAILWAY SIGNAL. CHARLES GILLESPIE, New Braunfels, Tex. Filed Nov. 18, 1922. Serial No. 601,875. 3 Claims. (Cl. 246—128.)



1. A signal of the character described, comprising a casing, a signal panel normally closing the top of the casing, a shaft extending across the casing and supporting said panel for swinging movement in a vertical direction, and means contained within the casing for operating said shaft comprising a cylinder, a piston operating in the cylinder and connected with said shaft, means for supplying fluid to the cylinder to move the piston in one direction and spring means connected between the cylinder and the piston for moving the latter in the opposite direction.

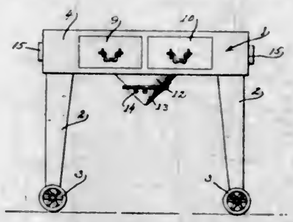
1,568,153. MATCH-MAKING MACHINE. KARL PAUL GOTTSCHALK, Dresden, Germany, assignor, by mesne assignments, to The Diamond Match Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 23, 1923. Serial No. 627,282. 4 Claims. (Cl. 144—51.)



1. In a match making machine having means for transversely cutting a continuous web of matches into succeeding strips, an endless conveyer, including a succession of clamp elements, movable in a path adjacent the leading end of each strip and operable to position a clamp element in longitudinal alignment with the strip, a gripper element, means for supporting said gripper element and moving it in a path transversely of the conveyer and longitudinally of each succeeding strip and the adjacent clamp element, and means for periodically actuating the said gripper element whereby it is caused to seize the strip, move it lengthwise and into the grasp of the adjacent clamp element of the conveyer, and then release the strip.

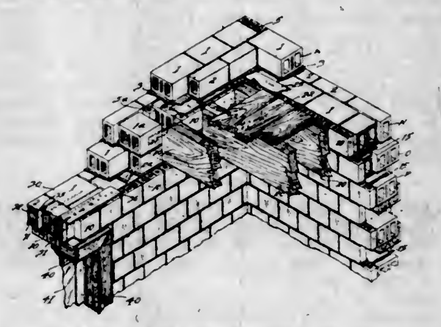
1,568,154. TABLE. ANNA M. HANNON, Wabek, and WILLIAM LENNON, Overly, N. Dak. Filed Jan. 16, 1924. Serial No. 686,551. 1 Claim. (Cl. 45—31.)

A table of the class described, comprising inner and outer spaced apart rectangular frames, vertical leg members of rectangular design in cross-section having their upper end portions secured between said frames at the corners thereof, the upper ends of said leg members extending to the horizontal plane of the upper edges of said frames and the upper faces of said leg members being depressed to form cups therein, bottom strips secured to the lower edges of said frames between said legs, whereby to provide deep receptacles at the sides of said table, a hollow inverted conical member secured at its upper end to the inner side faces of said inner frame and forming a central receptacle therein, the lower conical end of said member being cut horizontally and hingedly secured in position to provide a removable flap bottom



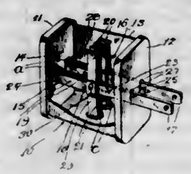
therefor, snap fasteners in connection with said member and said hinged bottom to removably secure the latter in position, and a rectangular cover applicable to the upper edges of said frames and adapted for use as a game top, as and for the purposes described.

1,568,155. FIREPROOF HOLLOW WALL CONSTRUCTION. FREDERICK HEATH, Tacoma, Wash., assignor to Heath Unit Tile Company, Tacoma, Wash., a Corporation of Washington. Filed Oct. 8, 1921. Serial No. 506,234. 12 Claims. (Cl. 72—41.)



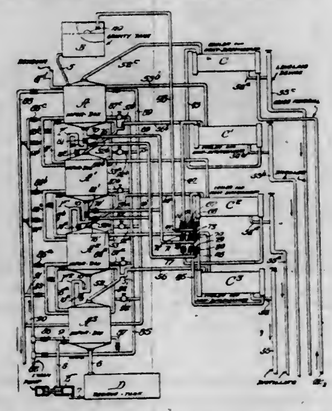
1. In a fireproof building structure, the combination of a main load bearing wall consisting of hollow tile, floors within the structure, and a fireproof lining for the wall extending past the floors and extending around the normally exposed portions of the wall at window and door openings.

1,568,156. MULTIPLE-PLUG RECEPTACLE. ABRAHAM HERSKOVITZ, New York, N. Y., assignor to Peerless Light Company, Chicago, Ill., a Corporation of Maine. Filed May 2, 1924. Serial No. 710,493. 6 Claims. (Cl. 173—334.)



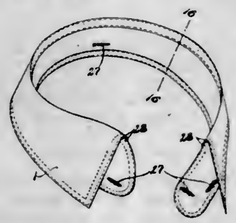
1. A multiple plug receptacle comprising a housing having a side wall and end walls made of insulating material, and plug jacks in said housing and secured to one end wall, having contact parts protruding therefrom, said plug jacks having means engaging the other end wall to solidly close said housing.

1,568,157. METHOD OF AND APPARATUS FOR EFFECTING CONTINUOUS DISTILLATION. FRANCIS M. HESS, Whiting, Ind. Filed Dec. 29, 1921. Serial No. 525,597. 10 Claims. (Cl. 196—73.)



1. In a method of effecting continuous distillation, the steps or operations which consist in causing the crude material to flow by gravity through a series of vapor boxes, passing a heating agent through said vapor boxes out of contact with the crude material and in counter-direction to the flow of the latter, simultaneously passing the vapor given off by one of said vapor boxes through a higher vapor box out of contact with the crude material flowing through the latter, and simultaneously passing the residuum from the lowermost vapor box upwardly through a higher vapor box out of contact with the crude material flowing through the latter.

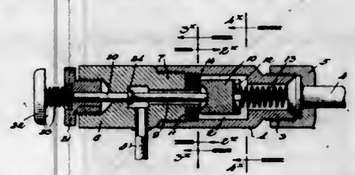
1,568,158. FOLD-OVER COLLAR. JOHN WILLIAM HESS, Kitchener, Ontario, Canada, assignor to Cluett, Peabody & Company, Inc., Troy, N. Y., a Corporation of New York. Filed Oct. 11, 1921. Serial No. 507,087. 1 Claim. (Cl. 2—131.)



A fold-over collar comprising a band having one edge portion folded toward its body, and a top having one edge portion folded toward its body, the said top and band being elsewhere edge-folded and the edge fold fastened down to form the outer edges of the collar, and delimit a pocket under said first-mentioned edge portion of one of the parts, said first-mentioned edge portions being interlocked by one of them being in the pocket formed by the other, and fastened to each other and to the body portions respectively of said band and said top, the seam so formed determining a line of fold between the band and top.

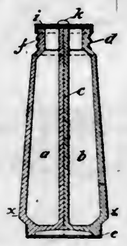
1,568,159. HIGH-PRESSURE VALVE. CHARLES FREDERIC HEYWOOD, Detroit, Mich. Filed Nov. 10, 1924. Serial No. 748,925. 4 Claims. (Cl. 251—27.)

1. In a valve of the type described, a chambered casing, a valve seat member in said casing, and a valve member slidably and longitudinally engaging said casing at various points in its perimeter, and provided with radial slots in its rear end whereby free passage of fluid thereabout is ensured in all of its open positions.



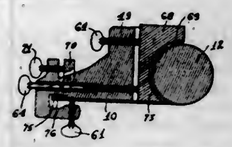
4. In a valve of the type described, a chambered body portion having a passage leading into one end thereof, a valve seat in the other end of said body portion, a plug entering said body portion and seating said seat therein, said plug having a passage therethrough to the chamber of said body portion, a valve member having air passages in its sides freely movable longitudinally in and rotatable about the axis of said body portion, resilient means seating said valve member on said seat member, and a valve unseating rod extending through said plug to said valve member.

1,568,160. COMBINED SALT AND PEPPER SHAKER. WILLIAM HIBBERT, Victoria, British Columbia, Canada. Filed July 21, 1924. Serial No. 727,233. 1 Claim. (Cl. 65—45.)



A combined condiment cruet consisting of two separate receptacles united and held in place by a circular metal band at each end, one of said bands forming the side and rim of a cap which closes the orifice of both receptacles, said cap being perforated and covered by an outer cap concentric with and sliding upon it, said outer cap being also perforated and adapted to cover and uncover the perforations in the other said cap by a circular motion.

1,568,161. PRINTING PRESS. FERDINAND W. HUEMPFNER, Chicago, Ill., assignor of one-third to Mid-States Gummed Paper Company, Chicago, Ill., a Corporation of Illinois, and one-third to George F. Schilling, Chicago, Ill. Filed Nov. 25, 1922. Serial No. 603,304. 5 Claims. (Cl. 101—194.)

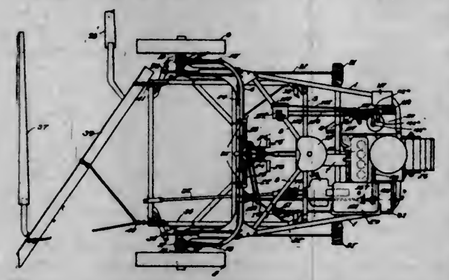


1. In combination with a printing press, means for feeding different inks from a single fountain comprising a divider adapted to be applied to said fountain, said divider including a member adapted to be removably applied to said fountain, clamping means to maintain said member in position on the fountain, and adjustable ink retaining means on said member adapted to cooperate with the inking roller of the printing press, said means including a relatively movable member adapted to fit closely against the ink roller, means for adjusting the position of said relatively movable member, said means including thumb screws mounted in the divider member.

1,568,162. FRUIT AND CEREAL PRODUCT AND METHOD OF PRODUCING SAME. GEORGE F. HUMPHREY, Bridgetown, Nova Scotia, Canada, assignor to Appo-Krisp Limited, Kentville, Nova Scotia, Canada. Filed Feb. 4, 1924. Serial No. 690,668. 4 Claims. (Cl. 99—11.)

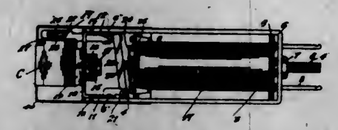
1. The process of producing a breakfast food, which consists in mixing a fruit pulp with sugar, yeast and a cereal, baking same, then dividing the mass into particles of desired size, reducing the particles to flaked form, and then toasting said flakes.

1,568,163. POWER-DRIVEN IMPLEMENT. EDWARD A. JOHNSTON, Chicago, BERT R. BENJAMIN, Oak Park, and CHARLES PEARSON, Chicago, Ill., assignors to International Harvester Company, a Corporation of New Jersey. Filed May 8, 1920. Serial No. 378,623. 30 Claims. (Cl. 56—25.)



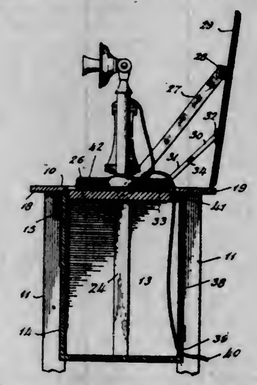
1. In a motor propelled implement, the combination of a frame, traction means for propelling the frame, an implement adjustably connected thereto, a power unit carried by the frame, and mechanism operatively connected to the power unit for propelling and steering traction means and for driving and adjusting the implement.

1,568,164. SERVICE METER. WILLIAM KAISLING, Chicago, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill., a Corporation of Illinois. Filed June 11, 1921. Serial No. 476,757. 6 Claims. (Cl. 235—92.)



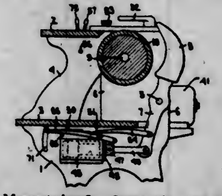
1. A device of the character described including an electromagnet having a U-shaped heel iron, a front plate secured to and between the free ends of the legs of said U-shaped heel iron and adapted to close the gap between said free ends, an armature pivotally supported on said front plate, a pawl pivotally secured to the armature, a register mechanism secured to the front plate and a shaft therefor having a ratchet secured thereto, a rectangular orifice in the forward end of said pawl cooperating with said ratchet to actuate said register mechanism upon each energization of said electromagnet, and adjustable stop-means integrally formed with said front plate for regulating the stroke of said armature.

1,568,165. DISAPPEARING TELEPHONE TABLE. GEORGE KARP, Long Island City, N. Y. Filed Apr. 20, 1923. Serial No. 633,351. 1 Claim. (Cl. 45—52.)



A device of the character described, including a table having an open topped compartment, a pivotally mounted closure adapted to close the top of said compartment, a pair of vertically extending guide rods centrally mounted in the sides of said compartment, a horizontally extending platform having a pair of grooves therein for receiving said guide rods, pivot pins fixed to the central portions of the sides of said platform contiguous to said grooves, links pivotally connected to said pins and said closure to cause said platform to be raised out of or lowered into said compartment when said closure is moved from closed to open position or vice versa, said grooves and guide rods cooperating to hold said platform in a horizontal position during its vertical movement, and stop members pivotally connected at their outer ends to said closure and to the main frame of said table respectively, and at their inner ends pivotally connected to each other, to stop the movement of said platform and closure when said platform is raised to the top of said compartment.

1,568,166. IRONING MACHINE. JAMES B. KIRBY, West Richfield, Ohio. Filed May 8, 1922. Serial No. 559,237. 18 Claims. (Cl. 68—9.)

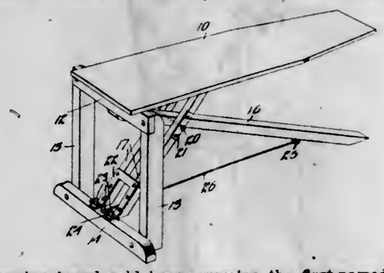


1. In a self-contained, domestic ironing machine, a frame, a revoluble roller and a heated shoe carried thereby, said roller and shoe being movable one toward and from the other, in combination with fluid pressure means for effecting such movement and electrically operated means carried by said frame for driving said roller and for producing such fluid pressure.

1,568,167. IRONING BOARD. JOSEPH KUNKLE, Indianapolis, Ind. Filed Apr. 6, 1925. Serial No. 21,189. 2 Claims. (Cl. 68—10.)

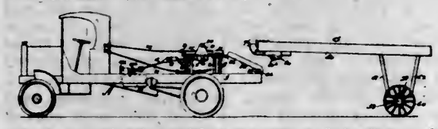
1. A folding ironing board comprising a table section, a pair of posts for supporting the same, cross-bars connecting said posts at their upper and lower ends, pivotal connections between the upper cross-bar and the rear end of the board, a pair of braces pivotally connected to the board, a U-shaped metallic strip connecting said braces

near their free ends and having its extremities bent to rest on the lower cross-bar, apertured lugs on the cross-bar adapted to enter orifices in said extremities, a pin passing through the apertures in such lugs for holding the braces in position, a brace pivotally connected to the upper cross-bar and extending forward underneath the



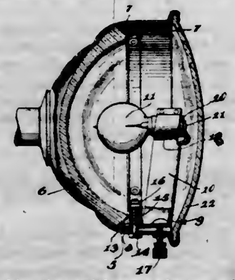
ironing board said brace crossing the first-named braces, and a rod pivotally connected to the last-named brace adjacent its forward end said rod having an eye at its free end, an apertured lug in line with said first-named lugs on the lower cross-bar to receive said eye said pin passing through said aperture above said eye on the rod, substantially as set forth.

1,568,168. TRAILER. CHARLES H. LAND, Jr., Detroit, Mich., assignor of one-half to William H. Wilson, Detroit, Mich. Filed Mar. 16, 1922. Serial No. 544,167. 14 Claims. (Cl. 280—33.1.)



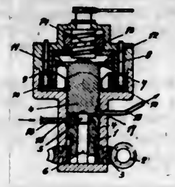
1. In combination with a tractor and trailer, a fifth wheel mechanism movable upwardly and downwardly, guiding means for the fifth wheel mechanism, resilient means for yieldingly supporting the fifth wheel mechanism in an elevated position, inclined guide-ways flexibly connected with the tractor frame and with the fifth wheel mechanism, a coupling unit carried by the fifth wheel mechanism of the tractor, a coupling unit carried by the trailer adapted to automatically co-ordinate with the coupling unit carried by the tractor upon backing the tractor into the trailer whereby the inclined flexibly connected guide-ways of the fifth wheel mechanism may depress said fifth wheel mechanism to secure a coupling relation between said coupling units of the tractor and trailer.

1,568,169. FOCUSING MEANS FOR LIGHT PROJECTORS. STATES LEE LIBBEY, Corning, N. Y. Filed Sept. 15, 1922. Serial No. 588,402. 7 Claims. (Cl. 240—44.)



1. The combination with a projector, of a light source carrying plate mounted for pivotal movement about an axis, an adjusting means operating against the plate in one direction, and spring means operating against the plate in the opposite direction and between the adjusting means and the axis of pivotal movement of the plate.

1,568,170. PUMP. LUDWIG LE BRET, Charlottenburg, Germany. Filed Oct. 17, 1924. Serial No. 744,247. 4 Claims. (Cl. 103—2.)

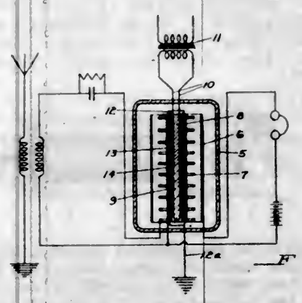


1. In a pump for a supply of different liquid quantities to a plurality of consumption places by means of one plunger only: the combination of a rotary plunger drum, a disclike extension on said drum, cams on said extension of a corresponding number to that of the consumption places and of which one forms a pressure and suction cam and the others pressure cams only, all said cams having a common and simultaneous action, a suction cam race formed of separate cam pieces and an integral pressure cam race, said races forming between them an endless cam groove consisting of a number of cam portions corresponding to that of the consumption places, substantially as set forth.

1,568,171. RECOVERY OF ALUMINUM CHLORIDE. ALMER MCDUFFIE MCAFEE, Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa., a Corporation of Texas. Filed Jan. 25, 1922. Serial No. 531,611. 6 Claims. (Cl. 23—95.)

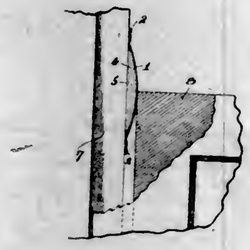
1. In the simultaneous recovery of aluminum chloride and oil from oily residues containing the same, the process which consists in heating the same to a temperature sufficient to volatilize the chloride and maintaining a minimal partial pressure of aluminum chloride vapors in contact with said residue.

1,568,172. THERMIONIC TUBE. FREDERICK S. MCCULLOUGH, Wilkinsburg, Pa. Filed May 6, 1925. Serial No. 28,341. 4 Claims. (Cl. 250—27.)



1. A hot cathode device including an anode, a control electrode, and a cathode structure, said cathode structure including a porcelain body having a heater therein, a shield associated with the body, and a cathode element associated with the body, said shield being magnetically interposed between the heater and cathode element and out of electrical contact with the latter.

1,568,173. SASH PLUG. LOUIS A. MACKLANBURG, Oklahoma City, Okla. Filed May 9, 1923. Serial No. 637,861. 2 Claims. (Cl. 292—76.)

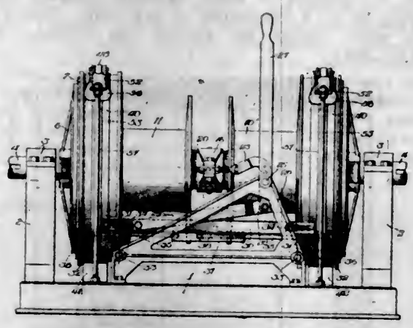


1. An article of manufacture comprising a piece of flat flexible sheet metal of substantially rectangular form having a block of felt secured to one face, this felt having its outer face of convex form tapering toward the ends of the metal strip.

1,568,174. CARBONIZING BOX OR THE LIKE. CHARLES ELLISON MACQUIGG, Flushing, N. Y., assignor to Electro Metallurgical Company, Niagara Falls, N. Y., a Corporation of West Virginia. Filed Nov. 21, 1921. Serial No. 516,867. 5 Claims. (Cl. 75—1.)

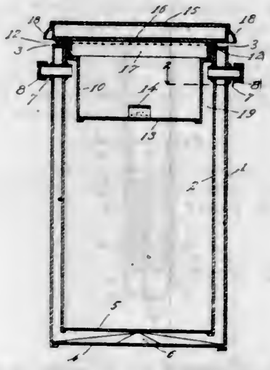
1. An article of manufacture composed of an alloy comprising chromium and a metal of the iron group, in amounts adapted to form an oxidation-resisting composition, and sufficient copper to render the composition resistant to carbonization.

1,568,175. WINDING-DRUM MECHANISM. CHAUNCEY L. C. MAGEE, Chicago, Ill. Filed May 20, 1920. Serial No. 382,882. 23 Claims. (Cl. 254—185.)



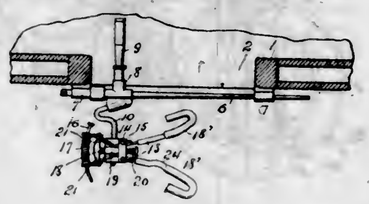
1. In winding drum mechanism, the combination of a driving shaft, drums slidable on said shaft, friction clutch members fixed on said shaft, the structure and arrangement being such that movement of either drum away from the other closes the clutch of the shifted drum only, friction brake bands to engage the drums, within which bands the drums are slidable axially, devices to shift said drums into engagement with said members, and instrumentalities to control said brake bands, having structural provisions whereby either drum is friction driven or friction held at will, together with shaft bearings between which all of said shaft supported elements are disposed in operative relation, said devices comprising a collar loosely mounted on said shaft between said drums, a transverse lever engaging said collar, a fulcrum for one end of said lever, a clutch-controlling hand lever common to both drums, and means to connect said hand lever to the other end of said transverse lever.

1,568,176. MILK CAN. MICHAEL J. MOHAN, Covington, Ky. Filed Feb. 7, 1924. Serial No. 691,118. 2 Claims. (Cl. 220—9.)



1. In a device of the character specified, the combination with a main cylindrical receptacle open at the top the full diameter of the vessel and having a double wall throughout with an intermediate sealed air space between the walls, of a double closure for the vessel comprising an inner depending vessel for ice to fit the main cylinder, flanged to rest on the open top, and provided with semi-circular recesses on opposite sides with tubular air vents opening into said recesses and extending through the double walls of the main receptacle to permit air circulation without passage through the ice receptacle.

1,568,177. MAIL-POUCH CATCHER. CHARLES W. NEISWENDER and RAYMON B. FURGASON, Bucyrus, Kans. Filed Aug. 3, 1923. Serial No. 655,506. 3 Claims. (Cl. 258—22.)

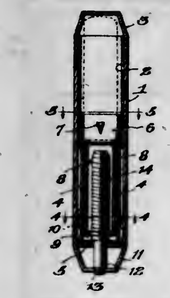


1. In a mail pouch catcher, supporting means adapted to be attached to a car body, two pouch engaging members pivoted thereon so as to swing to and from a closed position and arranged to be carried by said supporting means to and from a pouch catching position, means normally forcing said members toward the closed position, a detent movable on said supporting means to and from a position in which it will be engaged and moved from a set position by a mail pouch passing between said members said detent in the set position engaging said members and having means for holding them in the open position, and means for normally forcing said detent to the set position.

1,568,178. LIP-STICK HOLDER. ARTHUR H. NOBLE, Pawtucket, R. I., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Filed Sept. 6, 1924. Serial No. 736,227. 3 Claims. (Cl. 206—56.)

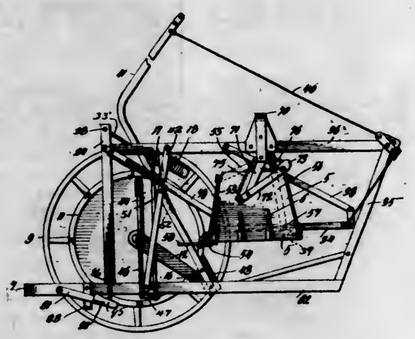
2. In a lip stick holder, a tubular casing, a liner sleeve on the interior of the casing having opposed longitudinal keys and a perforated bottom, a lip stick carrier

having a lip-stick end receiving part, depending legs connected to said part, U-guides on the legs receiving the keys, a connecting part for the legs having a threaded



aperture, a screw, and means to rotate the screw, the screw being loosely and guidingly engaged through the perforated bottom of the liner and being threaded through said aperture of the connecting part of the legs.

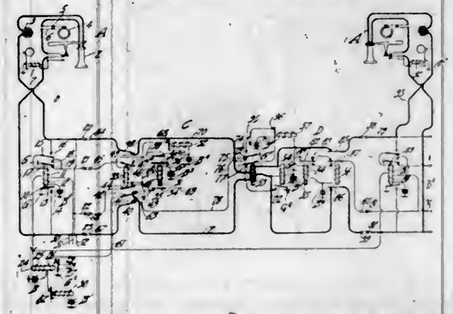
1,568,179. SHOCKER. HANS P. OLSEN, Esther, Alberta, Canada. Filed July 9, 1921. Serial No. 483,614. 5 Claims. (Cl. 56—42.)



5. In a shocking machine, a main frame, a basket collector supporting frame rockingly mounted on the main frame, a basket collector mounted in the supporting frame and including a structure consisting of three sides only, a bottom associated with said basket collector, a lid associated with said basket collector, means for rocking the supporting frame and moving the basket collector to a dumping position simultaneously, and means for opening the bottom and closing the lid simultaneously as the supporting frame is rocked to a raised position.

1,568,180. AUTOMATIC TELEPHONE SYSTEM. WINFRED T. POWELL, Chicago, Ill., assignor to Automatic Electric Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 14, 1917, Serial No. 161,957. Renewed May 31, 1924. 26 Claims. (Cl. 179—18.)

1. In a telephone system, a calling line, a called line, a connector switch, means for operating said switch to connect said lines for conversation, a line relay in said connector switch, a release relay in said connector switch, circuit connections whereby the called subscriber is supplied with talking current through the windings of said line relay alone, and said calling subscriber is supplied with talking current through the windings of

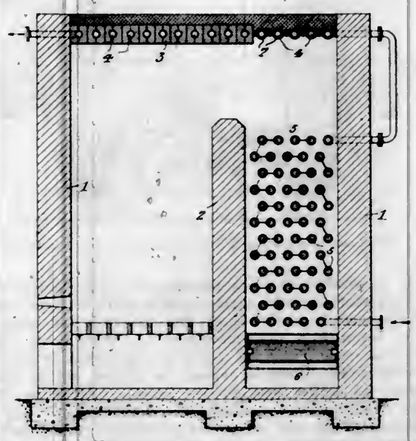


said line relay and release relay in series, said release relay controlled by the calling subscriber to release said connection.

1,568,181. PROCESS OF MAKING CHLORIDES. GEORGE L. PRICHARD and HERBERT HENDERSON, Port Arthur, Tex., assignors to Gulf Refining Company, Pittsburgh, Pa., a Corporation of Texas. Filed Nov. 17, 1921. Serial No. 515,852. 6 Claims. (Cl. 23—95.)

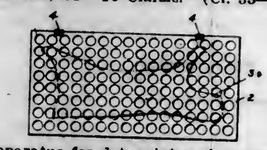
4. In the manufacture of aluminum chloride, the process which comprises preheating a mixture of aluminous material and carbon, tumbling said mixture down a reaction zone and passing chlorin in contact with said mixture in an opposite direction to produce vapors of aluminum chloride, conducting said vapors away from the reaction zone and condensing them.

1,568,182. OIL STILL. JOHN PRIMROSE, New York, N. Y., assignor to Power Specialty Company, New York, N. Y., a Corporation of New York. Filed July 2, 1921. Serial No. 482,135. 15 Claims. (Cl. 196—110.)



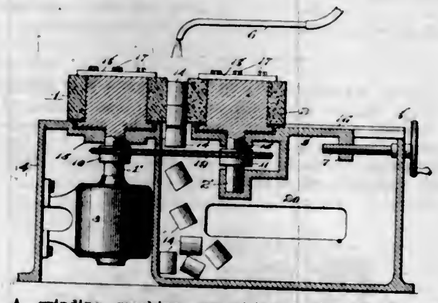
5. In a furnace, a combustion chamber in which intense radiant heat is developed, a heat absorption chamber in open communication therewith, fluid conveying means located in said heat absorption chamber, said heat absorption chamber having wall portions in radiant heat receiving relation relative to said combustion chamber and in heat radiating relation to said fluid conveying means, and means upon said wall to prevent such heat radiation.

1,568,183. QUALITY GAUGE FOR LEATHER. MARTIN H. REYMOND, Binghamton, N. Y. Filed Oct. 24, 1921. Serial No. 510,184. 10 Claims. (Cl. 33—126.)



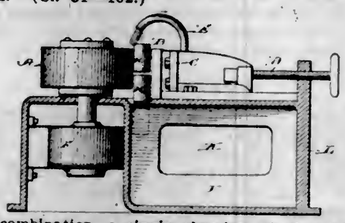
1. An apparatus for determining the cutting quality of leather, comprising a table on which to spread the leather, and a regularly apertured screen superimposed over said table whereby regular-sized regularly-spaced areas of the same order of size as the parts to be cut from said leather are indicated over the surface of the leather for individual inspection relative to imperfections in the leather.

1,568,184. GRINDING MACHINE. WINFIELD S. ROGERS, Bantam, Conn., assignor to Nellie Scott Rogers, Bantam, Conn. Filed Oct. 15, 1924. Serial No. 743,667. 1 Claim. (Cl. 51—88.)



A grinding machine comprising horizontal abrasive wheels revolving upon vertical axes and capable of grinding the surfaces of cylindrical objects fed perpendicularly therebetween, which objects automatically gravitate therethrough by their own weight; and a conduit capable of discharging by gravity a cooling medium upon the vertical grinding surfaces of said wheels and upon the object being ground, so as to thoroughly remove, ahead of the work, all cuttings and grit from said grinding and to maintain free from such cuttings and grit the said object and the said grinding surfaces.

1,568,185. GRINDING MACHINE. WINFIELD S. ROGERS, Bantam, Conn., assignor to Nellie Scott Rogers, Bantam, Conn. Filed Feb. 14, 1925. Serial No. 9,237. 2 Claims. (Cl. 51—102.)

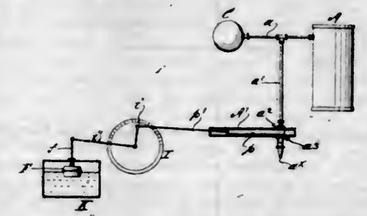


2. In combination, a single abrasive wheel revolvable upon a vertical axis, the cutting surface being the periphery of said wheel, an adjustable work-guide capable of holding and downwardly directing in a substantially vertical course against said cutting surface the object to be ground, a means for applying a cooling medium to said cutting surface vertically downward so as to positively free the grinding wheel and the work from all fines and grit, and a frame-work containing and supporting said members.

1,568,186. PROCESS FOR DEPHOSPHORIZING IRON AND STEEL. ISAAC M. SCOTT and SAMUEL PEACOCK, Wheeling, W. Va. Filed Mar. 7, 1925. Serial No. 13,849. 4 Claims. (Cl. 75—27.)

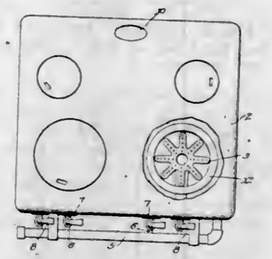
1. The process of dephosphorizing iron and steel in a basic open hearth process which consists in providing a molten mass of the metal to be dephosphorized; and adding to said mass a quantity of oxygen carrying compounds containing combined chromium sufficient to dephosphorize a substantial portion of the iron phosphide present in said mass.

1,568,187. PROTECTIVE MEANS FOR HYDROCARBON MOTORS. JOHN F. SEARING, New Rochelle, N. Y. Filed Apr. 20, 1925. Serial No. 24,704. 1 Claim. (Cl. 116—109.)



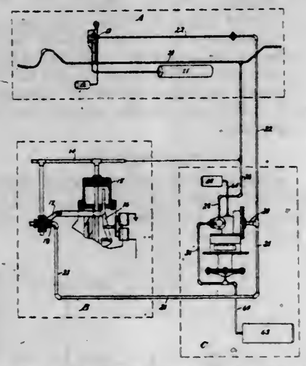
In a device of the character described a receptacle, a float therein controlled by the height of the fluid therein, an indicator, having a hand which is pivotally connected with the float, an air pressure tank having connection with the carbureter of a motor, a casing having direct connection with the connection between the carbureter and the tank, an alarm signal in communication with said casing and a piston slidable in said casing and connected with the hand of the indicator and constructed to control the flow of air from said casing through the signal device by reciprocation of the piston.

1,568,188. GAS RANGE. FRANK E. SEELEY, Port Chester, N. Y., assignor to Abendroth Brothers, Port Chester, N. Y., a Corporation of New York. Filed Dec. 6, 1923. Serial No. 678,921. 2 Claims. (Cl. 126—214.)



1. In a gas stove, the combination with a burner chamber having an outlet for products of combustion, of a top plate covering said chamber and provided with four apertures, each adapted to receive a cooking utensil, all situated in transverse planes between said outlet and the front edge of the plate and arranged in two pairs positioned, respectively, adjacent the front edge of the plate and rearward thereof, and a burner below each said aperture, the members of the rear pair of apertures and the burners in alignment therewith being of smaller diameter than the aperture and burners of the forward pair and the centers of the rear pair of apertures and burners being spaced laterally a greater distance than the centers of the forward pair, whereby the flow of products of combustion from the forward pair of burners to the outlet is not obstructed by the rear burners.

1,568,189. AIR BRAKE. ERNEST C. SHAW, Chicago, Ill. Filed Dec. 19, 1923. Serial No. 681,492. 26 Claims. (Cl. 303—35.)



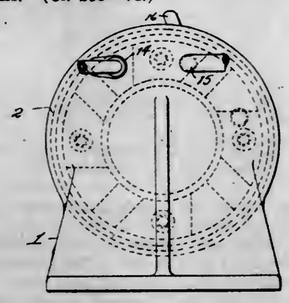
1. In an air brake system including a train pipe, means controlled thereby for applying the brakes and means for venting the system to cause a brake application, in combination with means set in operation at such venting to produce a later venting of the system independent of the duration of the first venting.

1,568,190. PAVEMENT-BREAKING DEVICE. WILLIAM W. SHOB, Philadelphia, Pa. Filed Apr. 4, 1924. Serial No. 704,148. 3 Claims. (Cl. 94—11.)



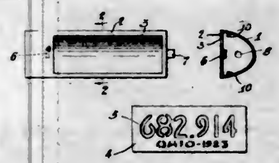
1. A pavement breaking device, comprising a body permanently positioned between abutting pavement elements, said body having engaging surfaces extending beneath adjacent portions of said pavement elements so that upward vertical movement of said body will dislodge said elements.

1,568,191. TURBINE ENGINE. BENJAMIN F. SINGER, Lancaster, Pa. Filed Dec. 4, 1923. Serial No. 678,440. 4 Claims. (Cl. 253—74.)



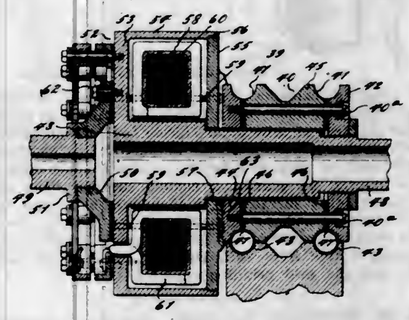
1. In a turbine engine, the combination of a support comprising two opposed casing members, and a rotatable member mounted on the support within the casing, for rotation, said rotatable member having a series of pockets on each opposed vertical face, the pockets on one side being alternately arranged with relation to the pockets on the opposite side, discs located between the casing and the rotatable member, and springs interposed between the casing and the discs, said casing having inlet and outlet openings, and a fluid supply jet in each of the inlets.

1,568,192. AUTOMOBILE LICENSE TAG. DANIEL A. SMITH and JOHN M. DAVIDSON, Xenia, Ohio. Filed Jan. 9, 1923. Serial No. 611,610. 2 Claims. (Cl. 40—131.)



1. A light reflector made of sheet metal, the reflecting surface of which is finished with a neutral colored light hue, and the front of which has an opening in combination with a license number plate adapted to close the opening in front of the reflector, the license number consisting of symbols perforated through the body of an opaque sheet of metal, the rear face of the sheet of material being coated with a brilliant, non-neutral color, the said reflector and symbol carrying sheet being separable, and means upon the reflector for permitting the symbol carrying sheet to be attached and held in position in front of the reflector, all for the purpose specified.

1,568,193. METHOD OF AND APPARATUS FOR WELDING. HARLAN E. SNODGRASS, Summit, and THOMAS M. HUNTER, Newark, N. J., assignors, by mesne assignments, to Newark Tube Company, Newark, N. J., a Corporation of New Jersey. Filed Mar. 24, 1922. Serial No. 546,225. 29 Claims. (Cl. 219—6.)

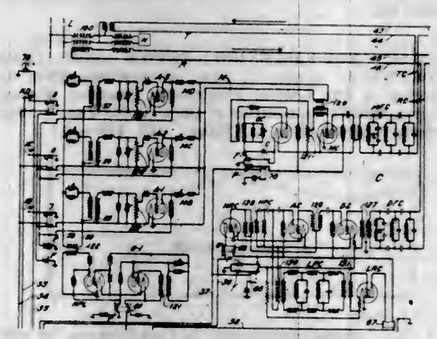


1. The method of welding a plurality of seamed tubes which consists in maintaining the edges of the tubes on opposite sides of the seams in abutting engagement, and utilizing the secondary current of a single transformer for simultaneously welding the seams of the various tubes.

1,568,194. CARRIER-WAVE TRANSMISSION AND COMMUNICATING SYSTEM. EDWIN H. SMYTHE, Evanston, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 5. 1921. Serial No. 467,043. 92 Claims. (Cl. 179—15.)

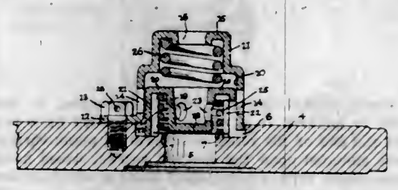
49. In a carrier-wave communicating system, the combination with a line and a plurality of stations connected therewith, of a frequency selective calling channel connected with said line and available for use at each of said stations, selective controlling and responsive apparatus associated with said channel at each station for enabling any station to select any desired one of the other stations, and means for preventing the other stations from using said channel for calling while it is in use by any of said stations.

58. In a high frequency communicating system, the combination with two stations, of a plurality of high frequency channels available for use at each of said stations, a channel selecting switch at one of said stations,



means controlled at the other station for effecting the energization of said switch to effect its channel selecting operation, and means controlled at said other station for effecting the release of said switch.

1,568,195. COMPRESSOR. CHARLES C. SPRAGUE, Detroit, Mich., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich., a Corporation of Michigan. Filed Nov. 6, 1924. Serial No. 748,067. 7 Claims. (Cl. 251—144.)

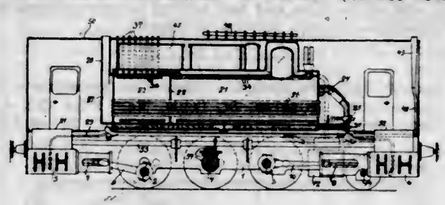


1. In a gas compressor, the combination with a closure having an outlet port, said port being surrounded on its outward side by an integral upstanding annular flange, of a valve disk adapted to seat on said flange and close said port, a relief member having depending cylindrical portions surrounding said disk in guiding relation and a stop portion overhanging said disk in movement limiting relation, the walls of said relief member having outlet ports, a light spring interposed between said relief member and disk, and a second stronger spring pressing said relief member axially towards said closure.

1,568,196. VITAMINE PREPARATION AND A PROCESS OF MAKING SAME. OTTO STINER and ALFRED HAUSWIATH, Bern, and ALFONS GAMS, Basel, Switzerland, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Filed Jan. 18, 1919. Serial No. 271,921. 6 Claims. (Cl. 195—32.)

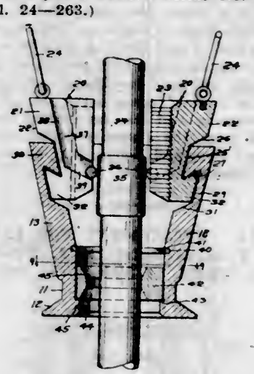
1. The herein described manufacture of a vitamine malt preparation in durable form, containing not only the vitamines stable to heat and storing, but also those liable to these influences, by simultaneously mashing and saccharifying amylaceous material rich in vitamines with ground fresh green malt and water in the presence of a non-toxic polybasic organic acid in a quantity not higher than that sufficient to make the reaction feebly acid to congo and at temperatures below 60° C., filtering and evaporating the filtrate in a known manner to the desired degree of consistency.

1,568,197. LOCOMOTIVE WITH COMBINED DRIVE. JOHANN STUMPF, Berlin, Germany. Filed June 29, 1920. Serial No. 392,844. 20 Claims. (Cl. 105—62.)



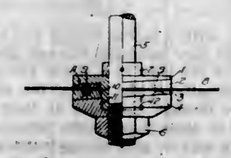
1. The method of operating locomotives with combined steam and internal combustion drive, each medium acting directly upon different drive wheels, in which the waste heat of the internal combustion is utilized in generating the steam, which consists in controlling the respective steam and internal combustion cycles, so that the work of the steam shall be displaced after a few strokes of internal combustion, and the steam consumption confined within such limits that the amount required can be produced by said waste heat of internal combustion.

1,568,198. COMBINATION TUBING SPIDER AND SUPPORT. SHERIDAN P. TSCHAPPAT, Tulsa, Okla., assignor of one-half to Harold Callahan, Independence, Kans. Filed May 23, 1925. Serial No. 32,519. 9 Claims. (Cl. 24—263.)



1. A device of the character described comprising, a housing, a pair of opposed slips slidable therein, said slips and housing being provided upon their engaging faces with transverse recesses producing interfitting parts whereby the slips are adapted to move outwardly to clear the tubing and its collar or collars when elevated and to be locked within the housing in the elevated position, and elements carried by the slips to raise them.

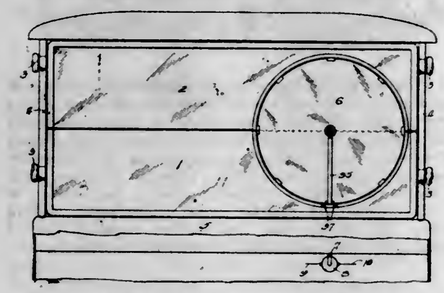
1,568,199. CUTTER MOUNTING. GUY WATSON, Canastota, N. Y. Filed May 16, 1925. Serial No. 30,701. 5 Claims. (Cl. 144—238.)



1. A circular saw or cutter mounting applicable as an entity to a shaft and comprising a body having a clamping head at one end and a hub projecting from the head, said head and hub having a bore for the reception of a

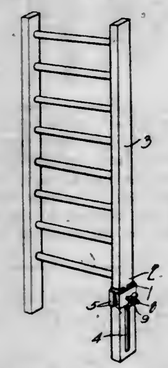
shaft, a second head slidably mounted on the hub and coacting with the clamping head, said heads having opposing faces that are inclined to a plane perpendicular to the axis of the bore, and saw holding elements rotatably mounted on the hub between the heads.

1,568,200. VISION SHIELD. ERWIN O. AEGERTER and GUSTAVE W. AEGERTER, St. Louis, Mo. Filed Oct. 4, 1922. Serial No. 592,273. 11 Claims. (Cl. 20—40.5.)



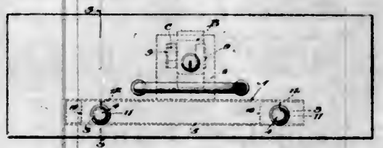
1. In combination with a vertically disposed pane of glass, a member fixed to the glass having an annular channel providing an internal drain, the outer wall thereof being higher than the inner wall thereof, and provided with a flange, said outer wall forming with the pane an outer drain, a shaft, a transparent vision disc fixed to one end of said shaft, a peripheral band fixed to said disc having its inner edge receivable in the annular channel of the aforesaid member to prevent the weather elements from finding access to the rear of said disc and means for rotating said disc for freeing the exposed surface thereof from the elements during stormy weather by centrifugal force and evaporation, thereby establishing clear vision therethrough.

1,568,201. ATTACHMENT FOR LADDER LEGS. CHARLES V. ALLEN, Buffalo, N. Y. Filed Oct. 5, 1922. Serial No. 592,530. 1 Claim. (Cl. 228—63.)



In combination with a ladder having one leg shortened and having a bolt hole extended through that shortened leg in the plane of the ladder; a sleeve having side slots extended longitudinally of the sleeve, the said slots extending clear out through the sides at their upper ends but being closed at their lower ends, whereby the upper ends of the sleeve may be pinched against the ladder leg, the said sleeve being adapted to slidingly engage the shortened leg with the slots of the sleeve aligned with the said bolt hole; a clamp consisting of a split band slidingly mounted over the sleeve and having bolt holes therethrough aligned with the slots of the said sleeve and the bolt hole of the said shortened leg; and a bolt with a wing nut inserted through the said bolt holes of the shortened leg and the clamp and the slots of the said sleeve, as means for pinching the clamp against the ladder leg.

1,568,202. ROD-FASTENING DEVICE FOR CARD DRAWERS. ALFRED J. BALL, Youngstown, Ohio, assignor to The General Fireproofing Company, Youngstown, Ohio, a Corporation of Ohio. Filed Jan. 8, 1924. Serial No. 684,260. 11 Claims. (Cl. 129—16.)



1. In a rod-fastening device for card drawers, the combination with a hollow metal drawer front, of a key-controlled reciprocating lock bolt and a rod-locking member housed within said hollow drawer front, and said rod-locking member being guided by the walls of the hollow drawer front to slide transversely therein when moved by the latch bolt.

1,568,203. SHADE-ROLLER-OPERATING MECHANISM. LON A. BERNARD, Houston, Tex. Filed Apr. 3, 1924. Serial No. 703,981. 1 Claim. (Cl. 156—35.)



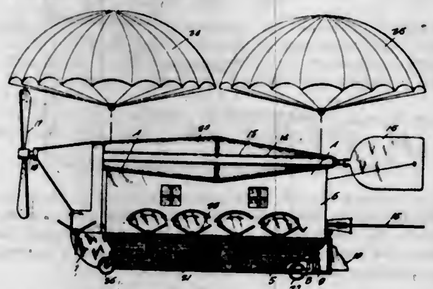
A shade roller operating device including a shaft adapted to be fixed to a roller and provided at a point beyond the end of the roller with parallel plane surfaces, a sleeve mounted upon the shaft, a ratchet wheel having a substantially rectangular shaped opening which receives the parallel surfaces of the shaft, a bracket receiving the end of the shaft, a lever pivoted upon the bracket and having a dog adapted to engage the teeth of the ratchet wheel, the lever having an angularly disposed slotted extension, and a cable passing through the slot of the extension and adapted to wind upon the sleeve.

1,568,204. TRACTOR HITCH. FRANK L. BLADE, Sycamore, Ill. Filed Oct. 29, 1923. Serial No. 671,582. 1 Claim. (Cl. 280—33.13.)



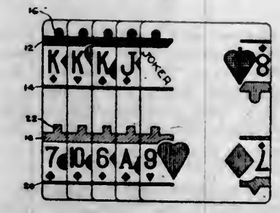
A tractor hitch comprising a front draw bar including upper and lower beams, a spacer beam disposed between and connected to the upper and lower beams and having its terminals ending short of the front and rear end of the upper and lower beams, the rear end of the spacer beam having a wide V-shaped notch formed therein, a rear draw bar having its forward terminal arranged between the rear terminals of the upper and lower beams of the front draw bar and having a longitudinally extending slot formed therein, a pivot bolt carried by the rear ends of the upper and lower beams of the front draw bar extended through said slot, and a V-shaped terminal formed on the front end of the rear draw bar fitting in said notch when the rear draw bar is disposed in the front draw bar to its ful extent, as and for the purpose specified.

1,568,205. FLYING MACHINE. FRANK S. BLISS, Portland, Oreg. Filed May 20, 1925. Serial No. 31,654. 3 Claims. (Cl. 244—6.)



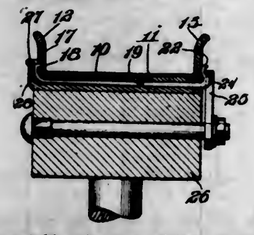
1. A vehicle comprising a boat shaped hull, a propeller and rudder associated with the hull, a fuselage supported by the upper end of the hull, an air propeller carried by the forward end of the fuselage, an air rudder and elevator carried by the rear end of the fuselage, and releasable parachutes supported by the extreme upper end of the fuselage.

1,568,206. PLAYING CARDS. MATTHEW A. BRANDT, Minneapolis, Minn. Filed May 11, 1923. Serial No. 638,216. 2 Claims. (Cl. 273—152.)



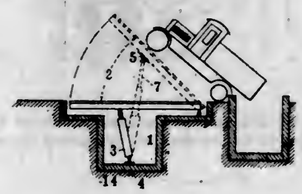
1. A deck of playing cards in which the cards have a plurality of different values thereon in combination with associated indices which are distinguishable from each other and indices on the back thereof corresponding in character and position to said first mentioned indices.

1,568,207. DEMOUNTABLE RIM FOR VEHICLES. BENJAMIN E. BRAUCHT, Crosby, N. Dak. Filed Mar. 14, 1925. Serial No. 15,605. 2 Claims. (Cl. 301—11.)



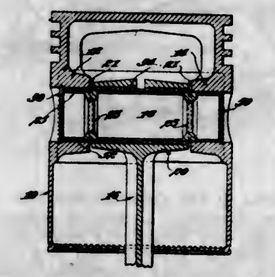
1. A demountable rim comprising two telescopic sections each having upon its outer edge an upstanding tire retaining flange, the flange of one of said sections being provided with circumferentially spaced openings, the flange of the other of the sections having a circumferential shoulder and spring clips each having one end engaged in an opening of the first named flange and the opposite end sprung over the shoulder of the last named flange retaining said sections in assembled relation, the outer ends of said clips having spaced shoulders adapted to receive therebetween the ends of lugs f r maintaining the rim in position upon the wheel of a vehicle.

1,568,208. DUMPING DEVICE. EDGAR D. CHURCH, Saginaw, Mich. Filed Mar. 10, 1925. Serial No. 14,531. 1 Claim. (Cl. 214—49.)



In a device of the class described including a pit and a tiltable vehicle platform, a telescopic fluid pressure cylinder having lateral trunnions on the head thereof, and a projection therebetween, a bearing pad having a pair of trunnion-bearings spaced apart and a bearing socket member for said projection therebetween, a bearing pad secured to the under side of said platform and having a socketed bearing member, said pads and socketed bearing members comprising means whereby the telescopic cylinder is releasably seated in operative self-alining position, for the purposes set forth.

1,568,209. WRIST PIN FOR RECIPROCATING ENGINES. GUY B. COLLIER, Kinderhook, N. Y. Filed Jan. 2, 1924. Serial No. 683,877. 4 Claims. (Cl. 74—108.)

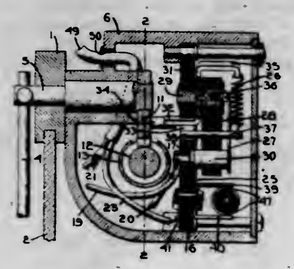


1. A piston assembly for a reciprocating engine comprising a hollow piston having internal bosses adapted to receive a wrist pin, a connecting rod positioned between the bosses and having relatively small regions of clearance upon opposite sides, a wrist pin extending through the connecting rod and received at opposite ends within the piston bosses, and a reinforcing rib or annulus formed integral with the wrist pin and bridging each region of clearance between the connecting rod and the piston boss.

1,568,210. WINDSHIELD WIPER. CHARLES N. COLSTAD, Norfolk Downs, Mass. Filed Feb. 17, 1922. Serial No. 537,280. 4 Claims. (Cl. 172—126.)

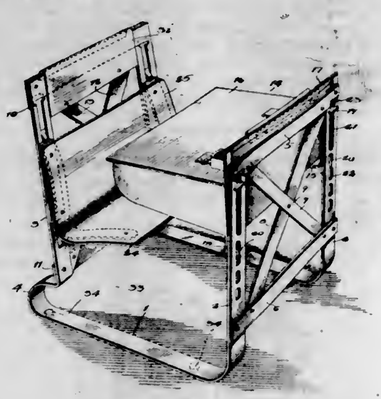
1. In a motor device for operating a wind shield cleaner and the like, the combination with two solenoids, of a core element common to both, said core element

having annular rack teeth, a gear meshing with said rack teeth, the annular shape of the rack teeth providing operative engagement between the rack and gear in any



position which the core may assume about its axis, and means controlled by the gear for energizing the solenoids alternately.

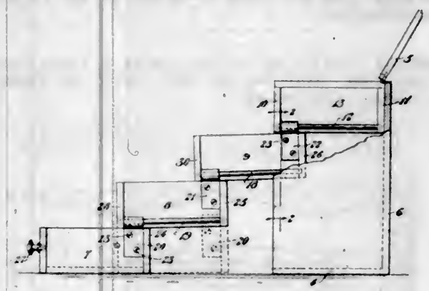
1,568,211. COMBINED SEAT AND DESK. SIMON WILLIAM CONWELL, Mineral Wells, Tex., assignor of one-tenth to Josephine Porter, Mineral Wells, Tex., and one-tenth to David C. Kuder, Hopeville, Iowa. Filed Feb. 21, 1924. Serial No. 694,305. 2 Claims. (Cl. 155—124.)



1. In a device of the character described, a supporting structure comprising a pair of substantially U-shaped members, each formed of a single length of material having inherent resiliency and each consisting of a substantially horizontal intermediate portion, substantially parallel upstanding end portions and an outwardly bowed curved spring portion merging one of said end portions into said intermediate portion and cross members staying said U-shaped members to each other and holding said members in spaced parallel relation, said upstanding end portions being adapted for connection with articles which are to be supported thereby.

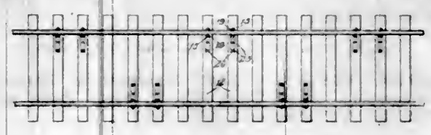
1,568,212. SILVER CHEST. JOSEPH J. CYGAN, Thompsonville, Conn. Filed Apr. 7, 1925. Serial No. 21,302. 4 Claims. (Cl. 45—7.)

1. An inclosing casing having its front wall formed with an opening in the lower portion of the same, rods attached to the upper parts of the casing for slidably supporting a drawer next below the rods, said drawer having rods attached to its opposite ends for slidably supporting a drawer immediately below, and this immediately located drawer also having rods attached to its opposite ends for slidably supporting the lowermost drawer of the casing, ear pieces on each of the drawers



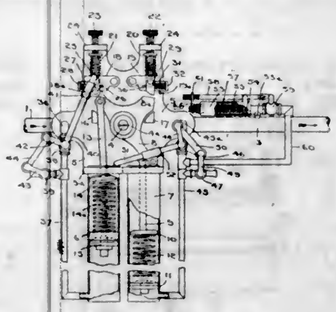
for sliding on the said rods and engaging the drawer above, the construction and arrangement being such that when the lowermost drawer is pulled outward it operates to withdraw all of the drawers above.

1,568,213. RAIL ANCHOR. WILLIAM DELANEY, Denver, Colo. Filed July 28, 1925. Serial No. 46,593. 2 Claims. (Cl. 238—299.)



1. In combination with a rail, a plate secured to the flange of the rail at the under surface thereof and extending transversely of the rail, said plate having at its side edges depending flanges and having at its ends reduced extensions each provided with a spike receiving opening immediately adjacent the edge of the flange of the rail.

1,568,214. APPARATUS FOR WATERING AREAS OF LAND. DONALD ELDER, Onehunga, Auckland, New Zealand. Original application filed Jan. 5, 1922, Serial No. 527,259. Divided and this application filed July 28, 1922. Serial No. 578,196. 15 Claims. (Cl. 137—144.)

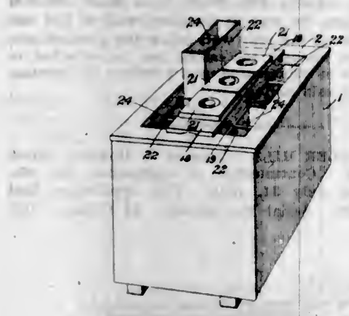


1. Apparatus for use in watering land comprising a main cock including an inlet, an outlet and a cock plug adapted to control the passage of water to a sprayer; a lever on said cock, a cylinder, plungers in said cylinder connected with one end of said lever on the cock plug, said cylinder being adapted to receive water from the inlet side of said cock; a second cylinder, plungers in said second cylinder connected with the other end of said lever, said second cylinder being adapted to receive water from the outlet of the cock; means for discharging water from the cylinders; and means whereby there is caused in the pipe leading water from the cock, a pressure greater than that which exists in said pipe when the sprayer is in use.

1,568,215. PAINT. CORNELIUS S. FLEMING, Berkeley, Calif., assignor to The Paraffine Companies, Inc., San Francisco, Calif., a Corporation of Delaware. Filed Nov. 28, 1921. Serial No. 518,242. 13 Claims. (Cl. 134—51.)

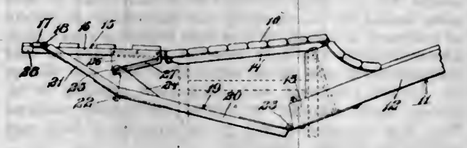
12. A paint comprising a bituminous vehicle of substantially dark color, and a bronzing powder.

1,568,216. ICE-CREAM CABINET. PHILIP FRITZ, Grand Rapids, Mich. Filed May 18, 1925. Serial No. 30,895. 3 Claims. (Cl. 62—75.)



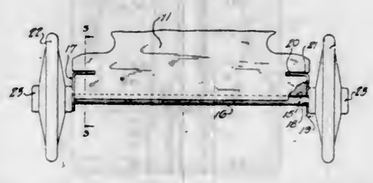
1. In a construction of the class described, a cabinet having sides and ends and an interior space adapted to receive ice cream holding containers, said space at the lower portion thereof being relatively narrow and of a width to receive a single ice cream container and of a length to receive a plurality thereof, and at its upper portion being widened whereby an elongated space is left between a side of the cabinet and containers for ice cream placed therein, and a plurality of refrigerant holding receptacles located end to end in said last mentioned space and adapted to be freely placed therein or removed therefrom.

1,568,217. LEG REST FOR CHAIRS. GEORGE D. GOODWIN, McRae, Mont. Filed May 12, 1925. Serial No. 29,756. 3 Claims. (Cl. 155—107.)



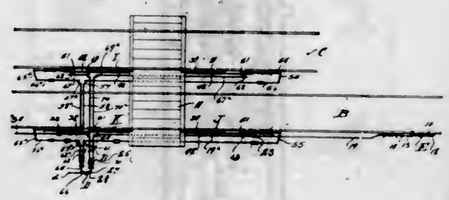
1. In combination with a chair having a fixed seat, a back pivoted to the rear edge of the seat and embodying portions extending below a surface of the seat, a leg rest pivoted to the front edge of the seat, a brace comprising two sections pivoted to one another at their adjacent ends, the free end of one section being pivoted to the leg rest adjacent the free end thereof, the free end of the other section being pivoted to the portion of the chair back projecting below the seat and a pin and slot connection between the last named section and the inner end of the leg rest shifting the leg rest from a position aligned with the chair seat when the seat back is substantially horizontally disposed to a position beneath the outer seat when the seat back is vertically disposed.

1,568,218. RUNNING GEAR FOR COASTER WAGONS. HARRY G. GOULD, Oshkosh, Wis., assignor to Gould Manufacturing Company, Oshkosh, Wis., a Corporation of Wisconsin. Filed Nov. 22, 1924. Serial No. 751,550. 3 Claims. (Cl. 28—87.5.)



1. In a coaster wagon, the combination with an axle and a bolster having an axle-receiving groove and longitudinally extending recesses in its end portions above the groove, of axle retainer members disposed at the ends of the bolster, each member having a part abutting against an end of the bolster and through which the axle passes and a laterally extending portion adapted to enter and fit within the recess in the end of the bolster for preventing relative movement of said retainer member and bolster.

1,568,219. HIGHWAY-CROSSING SIGNAL SYSTEM. CARL R. GRAVES, Clarion, Iowa. Filed Mar. 31, 1925. Serial No. 19,688. 5 Claims. (Cl. 246—293.)

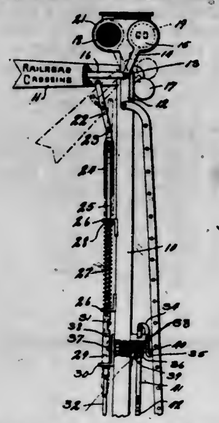


1. In a highway crossing signaling system, a main track, a signal disposed beside the highway, train operated actuating means along the main track at each side of the highway and acting upon the approach of a train to set the signal to a danger position, train operated means associated with the main track located relatively adjacent the crossing for restoring the signal to safety position and operated by a train on the main track departing from the crossing each restoring device being operated in one direction to restore the signal to safety position and the same restoring device being operable in the opposite direction to set the signal to danger if it has been previously set to safety.

1,568,220. HIGHWAY-CROSSING SIGNAL. CARL R. GRAVES, Clarion, Iowa. Filed Mar. 31, 1925. Serial No. 19,689. 9 Claims. (Cl. 246—293.)

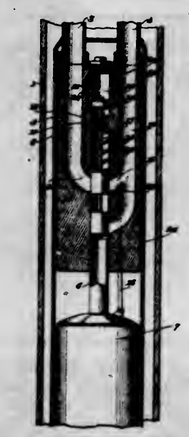
1. A crossing signal for railways including a support, a signal arm mounted on said support and urged by gravity to a lowered position, a vertically shiftable mem-

ber adapted, when raised, to hold the signal arm raised, train-actuated means for shifting the member downward to thereby permit the signal arm to drop to its



safety position, means urging the shiftable member upward, means latching the shiftable member in its lowered position, and train-actuated means for releasing said latch.

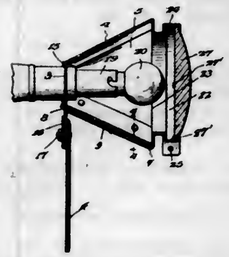
1,568,221. AUTOMATIC MECHANISM FOR RAISING LIQUIDS. SAMUEL M. GREENIDGE, Washington, D. C. Original application filed Dec. 24, 1921, Serial No. 524,602. Divided and this application filed Oct. 23, 1924. Serial No. 745,479. 4 Claims. (Cl. 162—3.)



1. An automatic mechanism for raising liquid from a well, including a pressure supply passage and an eduction passage, a reciprocating valve for controlling communication between said passages, and a cylinder communicating directly with the pressure supply passage for opening said valve in accordance with the level of the liquid in the well.

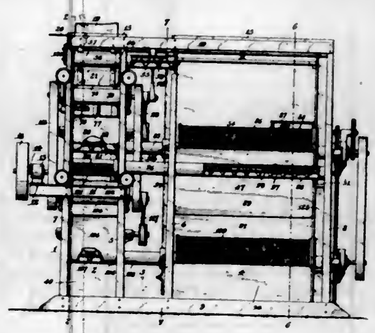
1,568,222. COMBINED TAIL LIGHT AND LICENSE-TAG ILLUMINATOR. ALBERT HEMMER, Lincoln, N. J., assignor of one-half to Harold A. Schneider, Newmarket, N. J. Filed May 1, 1924. Serial No. 710,342. 3 Claims. (Cl. 40—131.)

2. A device of the class described comprising a casing having front and rear walls located in vertical parallel planes, a top wall extending between the upper edges of the rear and front walls and inclined upwardly from the rear to the front wall, the casing being open at its bottom, the rear wall having a channel extending longitudinally thereof above its lower edge, the front wall having an inwardly extending flange located in a plane below the plane of the channel, a transparent pane



supported at its rear and front edges respectively in and upon the channel and flange in a plane inclined downwardly from the rear to the front wall of the casing, the portion of the rear wall below the channel constituting means whereby the casing may be attached to a license tag to be illuminated, and a source of illumination within the said casing.

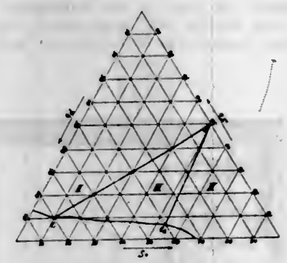
1,568,223. ROLLER MILL. CHARLES T. HOWSON, Silver Creek, N. Y. Continuation of application Ser. No. 247,560, filed July 31, 1918. This application filed July 12, 1920. Serial No. 395,461. 15 Claims. (Cl. 83—12.)



1. A mill of the kind described, comprising a casing having a roll section provided with break rolls and reduction rolls, a reel section provided with bolting reels, means for conveying material from said rolls to said reels, means for re-conveying the material from certain of said reels to certain of said rolls including a materials-grader whereby the finer material is delivered to said last-mentioned rolls to be returned to said reel section for further treatment, and independent grinding or reducing means adapted to receive the coarser material from said materials-grader to be returned to said reel section for further treatment.

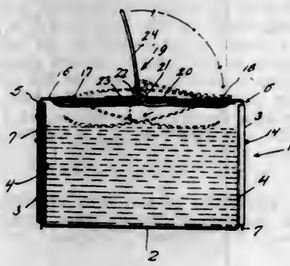
1,568,224. BEARING METAL. JOSEF KARAFIAT, Schwechat, near Vienna, Austria. Filed Feb. 1, 1924. Serial No. 690,009. 6 Claims. (Cl. 75—1.)

1. Bearing metals of the ternary system tin-antimony-leads with an addition of metals capable of forming a solid solution with tin and lead excepting thallium, the said metals being added to main substance alloys of the state field III of the diagram of the said ternary system,



the corner points of which state field represent; 10% Sn, 10% Sb, 80% Pb;—55% Sn, 5% Sb, 40% Pb;—50% Sn, 50% Sb, 0% Pb.

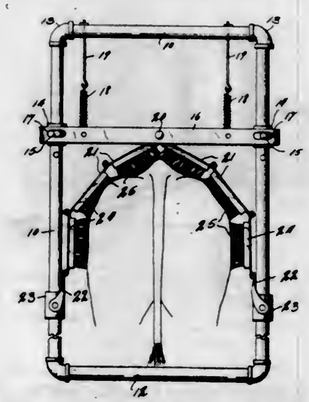
1,568,225. ADJUSTABLE CLAMP. JOHN H. KORTES, Telluride, Colo. Filed Aug. 3, 1925. Serial No. 47,792. 3 Claims. (Cl. 24—17.)



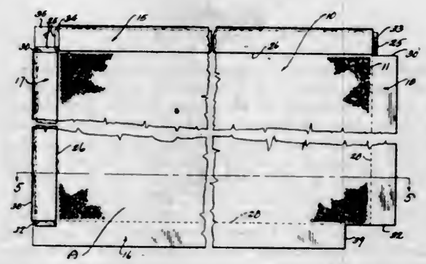
1. An adjustable clamp comprising a substantially U-shaped member, having vertically disposed channels associated with the parallel arms thereof, a complementary inverted U-shaped member, the parallel arms thereof being adapted for slidable movement in the respective channels, means for adjustably securing the U-shaped members together, said means comprising ratchet teeth provided on the depending arms of the inverted U-shaped member, and a pivoted locking pawl arranged in each of said channels for cooperation with the ratchet teeth of the respective depending arms of the inverted U-shaped member.

1,568,226. AUTOMATIC CURRIER. ERICK LARSON, Paulina, Iowa. Filed Mar. 10, 1925. Serial No. 14,543. 8 Claims. (Cl. 119—83.)

5. A device of the character described comprising a frame including vertical members, a transversely extending bar, vertical slides mounted upon the vertical members and with which said bar is loosely connected, means limiting the downward movement of the bar but permitting its free upward movement, a series of flexibly connected brushes, the series being pivotally connected at its middle to the middle of the bar and the brushes extending downward and outward laterally in opposite directions therefrom, and slides mounted upon the vertical members and with which the ends of the series of brushes are pivotally connected.



1,568,227. ROOFING. FRANK P. LEONARD, Troy, N. Y., assignor of one-half to Frederick C. Claessens, Troy, N. Y. Filed Jan. 25, 1923. Serial No. 614,899. 2 Claims. (Cl. 108—7.)

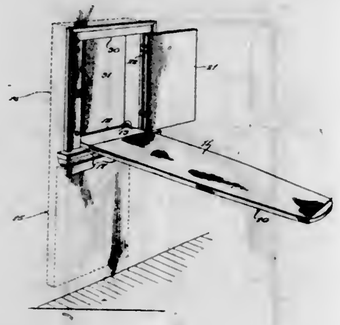


1. A roofing section comprising a body having a protecting and wear coating formed upon the top surface thereof, an inserting flap formed integral and along an edge of the said body, said protecting coating terminating short of the juncture line of the inserting flap and body, a receiving flap permanently overlapping the body at an edge thereof opposite to said inserting flap to provide a socket, said protecting coating of the body terminating short of the said socket, the facing surfaces between said receiving flap and body having adhesive coatings thereon, and temporary spacing means between said adhesive coatings.

1,568,228. CONCEALED IRONING BOARD. GEORGE A. LIPPERT, Dubuque, Iowa. Filed Oct. 11, 1923. Serial No. 667,008. 1 Claim. (Cl. 68—10.)

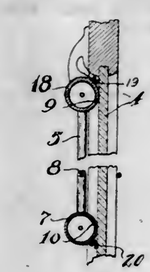
A device of the class described comprising a housing rising from the floor within the wall of a room and having an opening in its upper portion, the sides of the housing having vertical grooves in their inner faces at the back thereof extending from the floor to points

slightly above the lower end of the opening through the housing, a shelf projecting from the housing at the lower end of the opening, a board adapted to extend upright



within the housing or extend therefrom and rest upon the shelf, and guiding stops at the inner extremity of the board playing in the grooves in the sides of the housing.

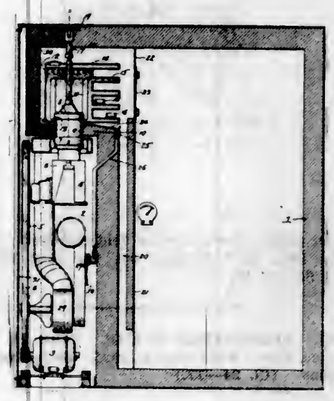
1,568,229. WINDSHIELD CLEANER AND HEATER. BENEDICT J. LOAGUE, St. Paul, Minn. Filed Mar. 2, 1925. Serial No. 12,682. 2 Claims. (Cl. 20—40.5.)



1. In a device of the character described, a frame pivotally connected to a windshield, comprising a pair of slotted tubular members, means to hold the tubular members in laterally spaced relation from each other with the slots therein directed toward each other and angularly toward the windshield, pressure means in open communication with the interior of one of said hollow members to discharge a blast of heated air into said hollow members and outwardly through the slot therein, and evacuating means in open communication with the other of said hollow members to draw air through the slot in said hollow member from the face of the windshield into said hollow member.

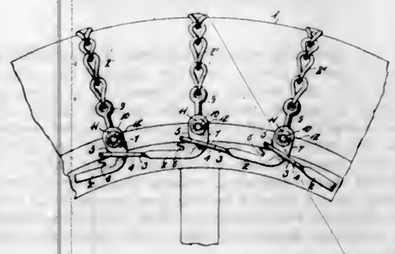
1,568,230. REFRIGERATING MACHINE. IVAR LUNDGAARD, Hartford, Conn., assignor to The Automatic Refrigerating Company, Hartford, Conn., a Corporation of New Jersey. Filed Feb. 5, 1924. Serial No. 690,781. 6 Claims. (Cl. 62—98.)

4. A mechanical refrigerator, comprising a machine compartment and a cold compartment with a heat insulating partition between them, a refrigerating machine using a gaseous mediating fluid and having a hot cylinder in the machine compartment and a cold cylinder in the cold compartment, the cold cylinder having heat absorbing vanes attached thereto, a brine tank mounted on the cold cylinder and surrounding the said vanes and the top of the cylinder, the said brine tank having shelf extensions with passages for brine therearound, and a partition between the part of the refrigerator containing the brine tank and the food compartment, and a door in said partition opposite the shelves in the brine tank.



5. A domestic mechanical refrigerator comprising a machine compartment, a cold compartment, a refrigerating machine having a hot cylinder in the machine compartment and a cold cylinder in the cold compartment, a heat insulating connection uniting the hot cylinder and cold cylinder closely surrounded by the heat insulating partition between the two compartments and a removable section of the insulating wall split along the center line of the cylinder.

1,568,231. ANTISKID CHAIN FOR VEHICLE TIRES. LEWIS K. MCCLELLAN, Belfry, Mont. Filed Aug. 22, 1924. Serial No. 733,630. 3 Claims. (Cl. 152—14.)



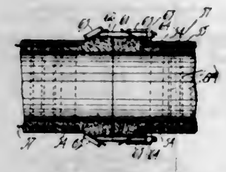
2. An anti-skid device comprising a series of interlocking links adapted to extend around the sides of a vehicle tire, each link having an aperture at one end, and a hook portion at the other end, the hook portion of one link being adapted to pass through the aperture of an adjacent link to unite said links together, and cross chains connected to the hook portion of each link and extending over the thread of the tire.

1,568,232. LIGHTING FIXTURE. GLENN E. MCFADDEN, Lakewood, Ohio, assignor to Alfred Vester Sons, Inc., Providence, R. I., a Corporation of Rhode Island. Filed Dec. 18, 1923. Serial No. 681,317. 4 Claims. (Cl. 41—10.)



1. In a device of the character described, the combination with a cylindrical tube of a metal embossment simulating melted wax, a lip formed on said metal adjacent its top which engages the end of the cylindrical tube when in position.

1,568,233. REENFORCEMENT FOR CONCRETE PIPES. ARNOLD NESBITT MACNICOL, Melbourne, Victoria, Australia. Filed Aug. 9, 1922. Serial No. 580,729. 3 Claims. (Cl. 72—53.)



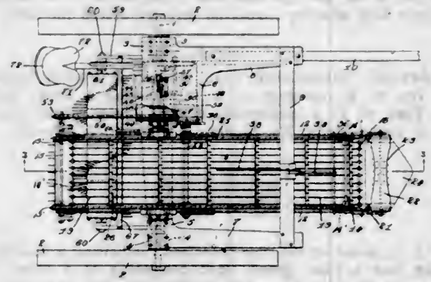
1. In concrete pipes, a reenforcement and jointing means comprising reenforcement rings, spaced horizontal bars connected thereto and having their ends bent so as to project at a small angle through the surface of the pipe, and means for connecting such projections on adjacent pipes.

1,568,234. COATING FOR MOLDS. DANIEL H. MCLOCHE, Detroit, Mich., assignor to Earl Holley, Detroit, Mich. Filed Jan. 12, 1924. Serial No. 685,898. 5 Claims. (Cl. 22—189.)

1. A coating for protecting iron molds, consisting of an inert refractory insulating material mixed with lampblack and a small percentage of soluble silicate acting as a binder only, for the lampblack and the refractory insulating coating.

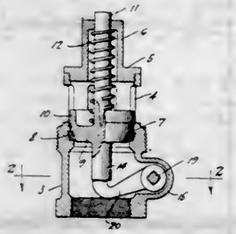
1,568,235. POTATO DIGGER. JOSEPH MORAU, Montreal, Quebec, Canada. Filed Aug. 9, 1924. Serial No. 731,083. 15 Claims. (Cl. 55—136.)

1. A potato digger comprising a vehicle frame, a chute supported longitudinally thereof, a scoop carried at the forward end of said chute, the bottom of said chute being constructed to permit the passage of material therethrough, means for carrying material along said chute



from the forward to the rear end thereof, and means supported beneath said chute for sweeping material to one side of said vehicle.

1,568,236. VALVE. FRANK Y. PEARNE, Los Angeles, Calif., assignor to Lacy Manufacturing Company, Los Angeles, Calif., a Corporation of California. Filed June 26, 1924. Serial No. 722,475. 2 Claims. (Cl. 251—134.)



2. In a valve, the combination of a valve body adapted to be attached in the opening of a tank, a cage on the top of said body arranged to be disposed in the tank chamber, said cage having a cylindrical bore, said valve body having an opening connecting the interior with said cage, a leather ring disposed in a recess in the wall surrounding said opening and having a bevelled seat, a valve having a tapered portion for engagement with said seat and a cylindrical portion arranged to be slidably guided in said cage, an operating stem depending from said valve and a guide stem upstanding therefrom, a pintle mounted in said body and extending outside thereof for connection to valve operating mechanism, an arm within said body secured to said pintle so as to be engaged with said operating stem for lifting said valve, a cap detachably secured in the top of said cage having a crown to receive said guide stem and a closure spring in said crown engaging said valve.

1,568,237. GENERATOR. LAURENCE M. PERKINS, Syracuse, N. Y. Filed Jan. 3, 1921. Serial No. 434,528. 3 Claims. (Cl. 171—223.)



1. The combination with a variable speed constant potential generator in which the load is taken off two brushes, one of which is practically on neutral and the other of which is off neutral to such an extent that the

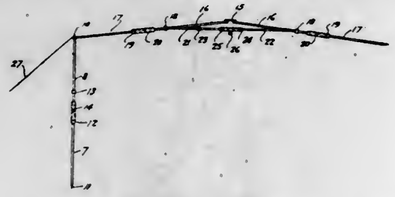
angle between the two brushes is less than 180 electrical degrees, and a third brush substantially on the other neutral point, a shunt field connected between the brush which is off neutral and said third brush, of a second shunt field winding connected directly across the load.

1,568,238. SHOULDER PAD. GEORGE L. PIERCE, Brooklyn, N. Y., assignor to A. G. Spalding & Bros., New York, N. Y., a Corporation of New Jersey. Filed Sept. 3, 1925. Serial No. 54,309. 2 Claims. (Cl. 2—2.)



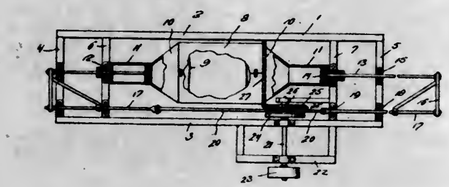
1. A device of the type described comprising a shoulder pad and a joint guard, each consisting of a sheet of foam rubber, a heavy protective covering therefor, a lighter marginal strip secured to the protective covering, a reinforcing strip beneath the foam rubber, and stitching passing through marginal strip, rubber and reinforcing strip.

1,568,239. TENT STRUCTURE. HARVEY J. REILLY, Los Angeles, Calif. Filed Aug. 20, 1923. Serial No. 658,381. 2 Claims. (Cl. 135—4.)



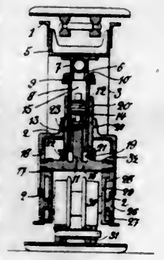
1. A tent frame comprising four uprights, a pyramid roof frame supported thereon and having four rafters joined at an apex, diagonal trusses pivotally connected at their ends to oppositely disposed rafters intermediate the ends of the latter, said trusses being jointed intermediate their ends, and means to lock the truss joints in aligned position, said rafters having eyes at their ends for receiving said uprights so as to be detachably supported thereon.

1,568,240. WASHING MACHINE. JAMES R. RICE, Elkhart, Kans. Filed May 2, 1925. Serial No. 27,473. 1 Claim. (Cl. 68—18.)



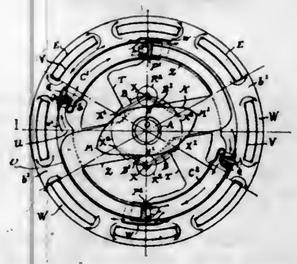
In a washing machine of the class described, a frame, a drum rotatably mounted in the frame and provided with axial end extensions in the form of cylinders, plungers slidable in the cylinders, a gear formed on the drum, a second gear meshing therewith, a pin extending eccentrically from the gear, connecting rods pivoted thereto, means for connecting the connecting rods with the plungers, and means for operating the second gear thereby causing simultaneous rotation of the drum and reciprocation of the plungers.

1,568,241. TRAVELING TRACK DEVICE WITH PNEUMATIC SUSPENSION. EMILE RIMAILHO, Paris, France, assignor to Compagnie des Forges & Acieries de la Marine & D'Homecourt, Paris, France, a Company. Filed Jan. 31, 1923. Serial No. 616,192. 4 Claims. (Cl. 305—9.)



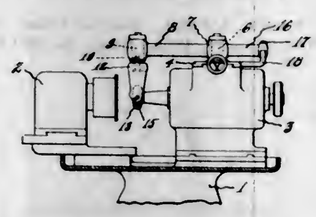
4. A suspension device for vehicles comprising traveling tracks, supports for the traveling tracks, carriages adapted to bear upon these tracks and to move vertically, checks on the carriages, means for guiding these carriages relatively to the supports, pistons submitted to the action of a fluid under pressure, vertical cylinders having these pistons movable therein; threaded sleeves which maintain these cylinders upon the said supports, cross pieces connected with the lower ends of the pistons, sleeves connected with these cross pieces and adapted to slide upon the cylinders, collars slidable on said sleeves and adapted to abut against said supports, stop springs interposed between said collars and the cross-pieces, rollers mounted upon said cross-pieces and bearing upon the checks of the carriages, and other rollers mounted upon the said cross pieces, the said supports being provided with guiding slots in which the said cross pieces are slidable.

1,568,242. ROTARY MOTOR. FRANÇOIS ROCHEFORT, Paris, France. Filed Feb. 25, 1919. Serial No. 279,200½. 3 Claims. (Cl. 123—43.)



1. A polycylindrical internal combustion rotary motor comprising pairs of curved cylinders diametrically disposed with reference to a central stationary shaft about which the motor rotates, pistons operating in said cylinders, Z-shaped central pieces carrying said pistons and rotatable about said shaft, pairs of diametrically opposed toggle links connecting the Z-shaped pieces with the cylinders, stationary cams mounted on the central shaft, and rollers mounted on the toggle joints of the toggle links, said rollers bearing freely on the exterior running surfaces of the stationary cams and following the profile thereof.

1,568,243. WHEEL-DRESSING DEVICE. HUGH M. ROCKWELL, Bristol, Conn., assignor, by mesne assignments, to Standard Steel and Bearings Incorporated, Wilmington, Del., a Corporation of Delaware. Filed May 29, 1920, Serial No. 385,224. Renewed May 29, 1925. 2 Claims. (Cl. 125—11.)



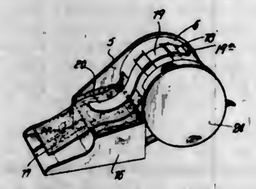
1. A device of the character described, comprising a plate adjustably mounted on the wheel-carrying head, a lever pivotally mounted on said plate, a stop on said plate, an arm, a ratchet on said arm to hold it against said stop, a shaft rotatably mounted in one arm of said lever, a bracket carried by said shaft and a dressing tool carried by said bracket.

1,568,244. FOLDING CHAIR. WILHELM ROSENKRANZ, Holzminden-on-the-Weser, Germany. Filed Mar. 18, 1925. Serial No. 16,589. 1 Claim. (Cl. 155—146.)



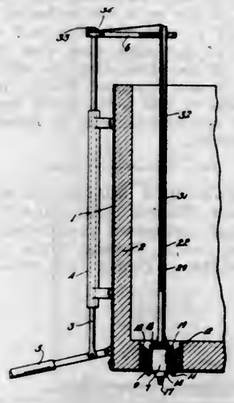
In a folding chair of the character described, the combination with a main frame and a seat, of S-shaped hinge elements having one end member connected to the seat and the other to the frame, the seat being recessed to accommodate the intermediate member of the hinge element so as to prevent rotary displacement of the latter relative to the seat.

1,568,245. STAMP OR LABEL MOISTENER. JOHN RUZE, New York, N. Y. Filed June 4, 1925. Serial No. 34,981. 4 Claims. (Cl. 91—14.5.)



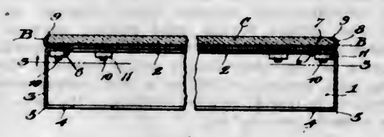
1. A stamp or label fixing device comprising a housing having an opening in the front thereof, a closure for said housing, means for supporting a roll within the housing, a container forwardly of said housing adapted to receive a moisture absorbing element therein and a resilient member carried by said housing and extending over the said opening for urging the gummed surface in engagement with said moisture absorbing element.

1,568,246. METHOD OF AND APPARATUS FOR SETTING POURING NOZZLES IN LADLES. MALCOLM SAUNDERS, Canton, Ohio. Filed May 16, 1925. Serial No. 30,700. 8 Claims. (Cl. 22—85.)



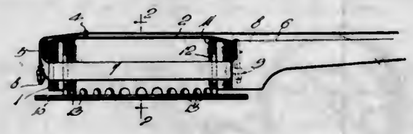
1. The method of setting a pouring nozzle in a ladle which consists in placing a spindle through the nozzle, in a vertical position, and packing plastic material around the nozzle while said spindle is in place.

1,568,247. EDGE CONSTRUCTION FOR FURNITURE TOPS. FRED AUGUST SCHMITZ, Youngstown, Ohio, assignor to The General Fireproofing Company, Youngstown, Ohio, a Corporation of Ohio. Filed Feb. 13, 1922. Serial No. 536,244. 3 Claims. (Cl. 45—31.)



1. An edge construction for furniture tops including a top body comprising a flat upper surface and an angularly disposed side flange, a bead strip of angular cross section having the horizontal flange thereof secured to the flat surface of the toy body at the upper edge of the flange and exposing the latter, and a cover applied to the flat surface of the top body and having its edge portion overlying the horizontal flange of the bead strip.

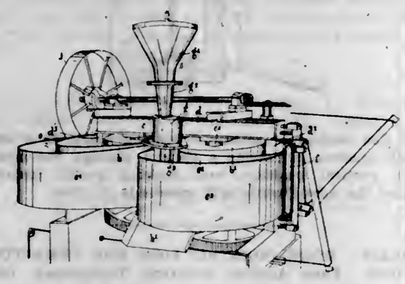
1,568,248. BANJO RESONATOR. ALBERT SHUTT, Topeka, Kans. Filed Mar. 31, 1924. Serial No. 703,193. 1 Claim. (Cl. 84—272.)



In a banjo having a main rim, a skin, and means anchoring the edge of the skin to the rim; a floating supplemental rim independent of said anchoring means and spaced inwardly from the main rim, said supplemental rim being of greater width than said main rim and projecting beyond both edges of the latter, one edge of said supplemental rim being in contact with the

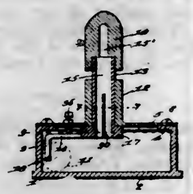
skin, a thin resonant sound board contacting with the other edge of said supplemental rim and spaced outwardly from the adjacent edge of the main rim, said sound board being of a diameter greater than the internal diameter of said main rim, and means at the outer periphery of the main rim anchoring the edge of said sound board to said main rim, said supplemental rim being free of anchorage other than that afforded by engagement of its edges with the skin and sound board, whereby it may float and directly impart vibrations of said skin to said sound board, openings being formed in said supplemental rim to permit escape of vibrations therefrom.

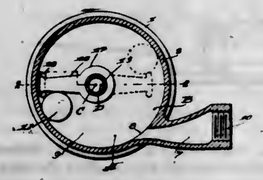
1,568,249. SEPARATING SOLIDS FROM LIQUIDS. OLOF SÖDERLUND, TEOFRON BOBERG, and NILS TESTRUP, London, England, assignors to Techno-Chemical Laboratories, Limited, London, England. Filed Aug. 30, 1923. Serial No. 660,234. 4 Claims. (Cl. 100—37.)



1. Apparatus for removing liquid from material containing it comprising in combination pressing rolls with their axes substantially parallel with one another and their circumferential surfaces closely adjacent, not less than one endless flexible band passing between said surfaces to divide into substantially equal compartments the more or less wedge-shaped cavity preceding the bite of the rolls, means for feeding to each compartment the material to be treated and means pressing the axes of said rolls towards one another.

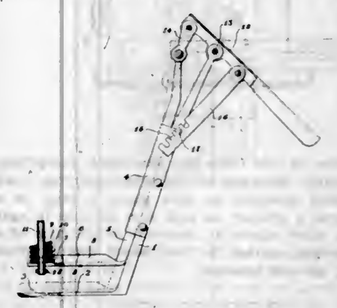
1,568,250. SPRINKLER. LENTHEL STANTON, Spokane, Wash. Filed Jan. 20, 1925. Serial No. 3,623. 8 Claims. (Cl. 299—18.)





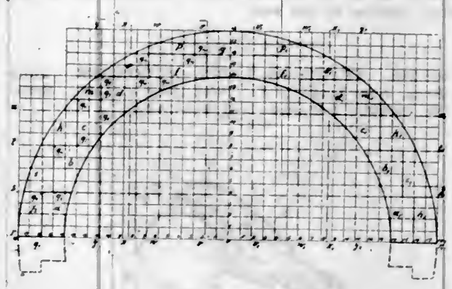
1. A lawn sprinkler structure including a substantially cylindrical water chamber having a water inlet discharging tangentially thereinto to impart a whirling movement to the water, a sprinkler nozzle rotatively mounted on said chamber and communicating with said chamber, an operating arm in said chamber connected with said nozzle, and an unrestrained body in said chamber actuated by the whirling water to engage said arm and rotatively actuate said sprinkler nozzle.

1,568,251. VALVE LIFTER. GEORGE STOFF, Canton, Ohio. Filed Nov. 20, 1924. Serial No. 751,034. 2 Claims. (Cl. 29—86.3.)



1. A tool of the character described, including an inclined normally stationary upright having an angular jaw at its lower end and provided with a tubular guide, a movable upright slidably mounted in said guide and provided at its lower end with a bifurcated jaw normally contacting with the stationary jaw, a lever pivotally connected intermediate its ends to the stationary upright, and a link pivotally connecting one end of the lever to the upper end of the movable upright for raising the movable jaw out of contact with the stationary jaw.

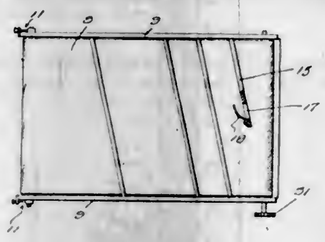
1,568,252. BUILDING BLOCKS FOR TOY STRUCTURES. OTTO H. STRUB, Rudolstadt, Germany, assignor to the Firm F. Ad. Richter & Cie. A. G., Baukastenfabrik, Rudolstadt, Thuringia, Germany. Filed Aug. 10, 1923. Serial No. 656,719. 14 Claims. (Cl. 46—35.)



2. In a set of complementary toy building blocks adapted to interengage to form a ring, a plurality of units having only one curved surface, certain of which surfaces are concave and certain of which are convex.

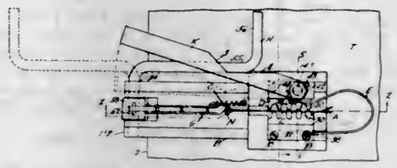
1,568,253. BEAN SEPARATOR. FRANK STUHR, Rhodes, Mich. Filed Apr. 14, 1925. Serial No. 23,011. 1 Claim. (Cl. 209—114.)

In a bean separator of the class described, an inclined frame, rollers journaled for rotation in said frame, an endless apron trained over said rollers, a plurality of transverse strips supported between the side bars of the frame, said strips being spaced longitudinally from each other, and disposed diagonally to the path of movement of the apron, flexible flaps on the under sides of the strips disposed adjacent the surface of the apron, a relatively



short strip below the lowermost of the aforesaid strips, said short strip being disposed diagonally and provided adjacent its free end with a bean hole of a predetermined size, and a guide finger carried by the end portion of the strip and disposed in association with said hole.

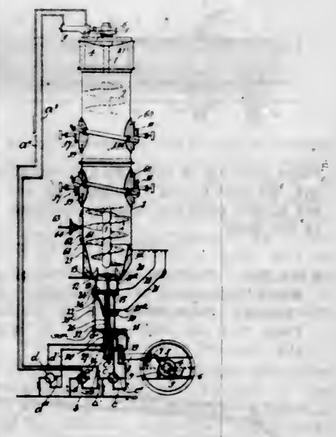
1,568,254. MACHINE FOR STRAIGHTENING DROP WIRES. DANIEL TAYLOR, Lawrence, Mass. Filed May 19, 1925. Serial No. 31,323. 4 Claims. (Cl. 153—32.)



1. In a wire straightening machine, the combination with a base; of a jaw fixed thereto which has spaced teeth the tips of which are alined; a second jaw slidable on the base to and from the first jaw, such second jaw having spaced teeth the tips of which are alined and are positioned opposite the spaces between the teeth of the first jaw; pressure means near the entering end of the second jaw to advance that end towards, and retract it from, the first jaw; a handle for the pressure means; gripping means to seize a wire proximate the delivery end of the jaws; pulling means to move said gripping means away from the jaws; and a handle connected to the pulling means to operate said pulling means, so arranged as to also operate the handle for the pressure means.

1,568,255. JUICE-EXTRACTING APPARATUS. JOHN ISAAC THORNYCROFT, Bembridge, Isle of Wight, England. Filed Apr. 19, 1921. Serial No. 462,730. 7 Claims. (Cl. 127—8.)

1. Juice extracting apparatus of the kind herein referred to, comprising a vertical diffusing vessel, a screw conveyor located vertically therein, means whereby the screw conveyor can be rotated in an intermittent manner, a lift valve normally closing the lower end of the diffusing vessel, a feed cylinder located vertically below the diffuser and lift valve and provided with a vertically movable piston, a feed chute located at one side of said feed cylinder, the wall of said feed cylinder being divided vertically into two parts one of which is fixed whilst the other is movable and adapted to act as a feed valve between said chute and the interior of said feed cylinder and separate hydraulic cylinder and ram, for actuating the rotating



means for said conveyor, for lowering the lift valve, for lifting the feed piston and for raising and lowering the feed valve, substantially as described.

1,568,256. ELECTRIC LAMP. JOHN TORRENT, Muskegon, Mich. Filed Jan. 17, 1925. Serial No. 3,118. 1 Claim. (Cl. 176—27.)

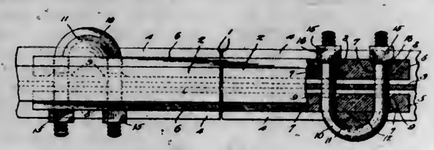


In an electric lamp, a base, a filament including a central wire and lateral wires in circuit with the central wire at one of its ends, a contact screw extending through the base, contact members in circuit with the lateral wires, said contact screw adapted to engage the contact members to complete circuits through the wires, and a removable section forming a part of the base for spacing the screw from one of the contact members.

1,568,257. RAIL JOINT. WILLIS F. WALKER, Siesholtzville, Pa. Filed May 16, 1925. Serial No. 30,797. 6 Claims. (Cl. 238—256.)

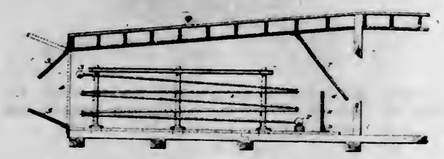
1. In a device of the class described, rails each including a ball, a web, and a flange, the lower surface of the ball and the upper surface of the flange converging inwardly, bridge bars having inwardly converging edges cooperating with said surfaces of the ball and of the flange, the bridge bars being spaced from the web, fastening devices including arms and an intermediate portion, the arms passing through the bridge bars and the webs, saddles within the securing devices and engaging one bridge bar, the saddles completely filling the space de-

fined by said bridge bar and the arms and the intermediate portion of the fastening devices, means for holding the saddles against movement within the fastening de-



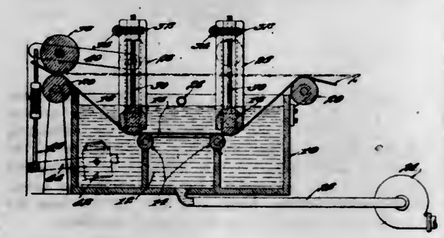
vices, and nuts on the arms and engaging the other bridge bar, the nuts having rounded ends, and said other bridge bar having concaved recesses receiving the rounded ends of the nuts.

1,568,258. VENEER KILN. PATRICK M. WILLIAMS, North Wilkesboro, N. C., assignor to Moore Dry Kiln Company, Jacksonville, Fla., a Corporation of Florida. Filed Nov. 20, 1920. Serial No. 425,473. 4 Claims. (Cl. 34—19.)



3. A horizontal kiln having a heating chamber and a drying chamber, a throat between the chambers comprising an upstanding damper substantially perpendicular to the floor of the kiln, and a dependent damper of the kiln overhanging said upstanding damper at an angle thereto there being an opening between said dampers.

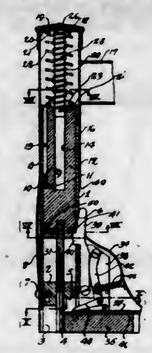
1,568,259. METHOD AND APPARATUS FOR CLEANING FELTS. EZEKIEL J. WILSON, East Greenbush, N. Y., assignor to F. C. Huyck & Sons, Rensselaer, N. Y., a Corporation of New York. Filed Nov. 15, 1923. Serial No. 674,887. 8 Claims. (Cl. 92—50.)



1. The method of cleaning the felt of a paper making machine or similar material which consists in causing it to travel through a body of liquid below the surface of the liquid and drawing the liquid therethrough by suction.

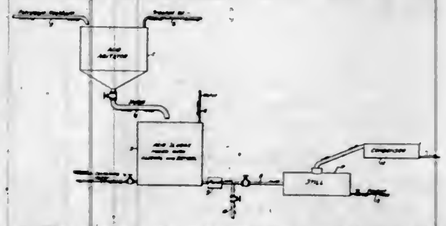
1,568,260. STAPLING MACHINE. JESSE G. BATES, Chicago, Ill. Filed Jan. 9, 1925. Serial No. 1,354. 14 Claims. (Cl. 1—48.)

1. A stapler comprising a casing, a spring controlled ram therein, latching means for holding the ram in retracted position, a spring controlled sleeve on said casing adapted to be manually operated to cause retraction of said latching means and automatic operation of said ram to cause a staple to be cut off from a staple strip and forced out of said casing, and means for returning the



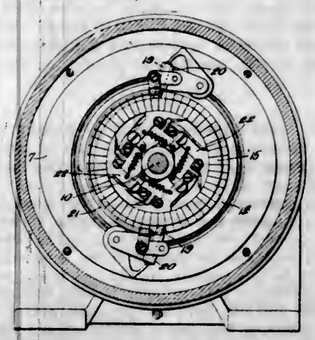
latching means to normal position and at the same time causing automatic feeding of the staple strip a predetermined distance.

1,568,261. PRODUCT DERIVED FROM ACID SLUDGE AND METHOD OF MAKING THE SAME. HARRY T. BENNETT, GEORGE B. MURPHY, and LE ROY G. STORY, Tulsa, Okla. Filed Dec. 20, 1924. Serial No. 757,221. 11 Claims. (Cl. 106—31.)



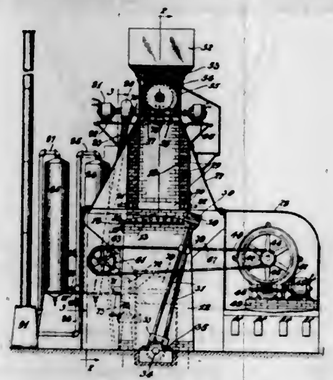
5. The method of converting acid sludge containing asphalt-like substances into useful products, which comprises commingling a solvent including alcohol and a coal tar product with the acid sludge, and distilling the resultant solution to remove the excess solvent therefrom.

1,568,262. DYNAMO-ELECTRIC MACHINE. CARL O. BERGSTROM, Boston, Mass., assignor to B. F. Sturtevant Company, Boston, Mass., a Corporation of Massachusetts. Filed Aug. 29, 1922. Serial No. 585,005. 11 Claims. (Cl. 172—279.)



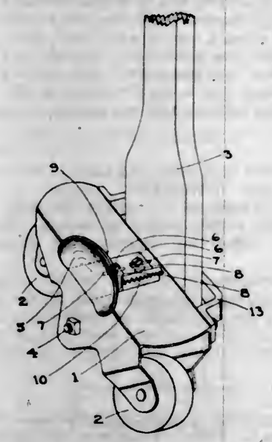
1. In a dynamo electric machine the combination of a rotor having windings and a commutator, the commutator being provided with an internal contact face, supporting means carried by the rotor and a plurality of contact members pivotally mounted upon said means to turn about axes substantially parallel to the axis of the rotor, said members being normally held out of contact with the internal face of the commutator and arranged to be thrown by centrifugal action into contact with such face of the commutator when the rotor reaches the predetermined speed.

1,568,263. RETORT SLICING DEVICE. JOSIAH BRADLEY, Brooklyn, N. Y. Filed May 26, 1924. Serial No. 715,774. 10 Claims. (Cl. 126—173.)



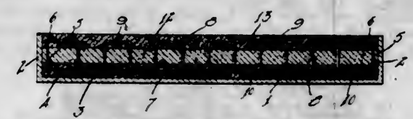
1. In a retort slicing apparatus, a grate beneath the open lower end of a retort, and upon which the lower portion of the material in the retort rests, and an oscillating slicer bar adapted to move over the said grate to remove a portion of the material above the grate with each oscillation of the slicer bar.

1,568,264. SHOE-POSITIONING DEVICE FOR SKATES. JULIEN A. BRIED, Oakland, Calif. Filed Oct. 27, 1921. Serial No. 510,773. 9 Claims. (Cl. 208—177.)



1. In a skate, a shoe receiving portion, means for positioning the outer side of a shoe thereon, a stop adjustable transversely of the skate for engaging the inner side of the shoe, and a latch co-operating with a portion of said stop for holding it in adjusted position.

1,568,265. PROCESS FOR MAKING REENFORCED-CONCRETE WALLS. CHARLES CARRILLON, St. Louis, Mo., assignor of one-half to Joseph M. Klamon, St. Louis, Mo. Filed Feb. 9, 1924. Serial No. 691,764. 2 Claims. (Cl. 25—131.)



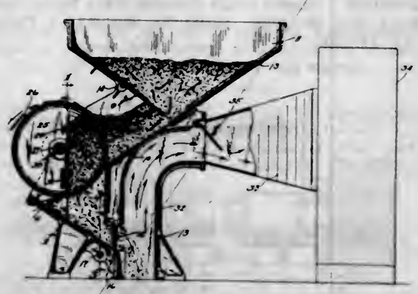
1. The herein described steps in the process of forming a hollow concrete wall section, which consists in depositing a layer of concrete, in placing on said layer a reenforcing screen in embedding said screen with a superposed layer of concrete, having reenforcing means extending upwardly therefrom, in covering said last named layer with a layer of sand to partially cover said reenforcing member, placing a layer of concrete on the layer of sand in contact with the upper end of said reenforcing member, and removing the sand when the concrete has set.

1,568,266. REENFORCED-CONCRETE WALL SECTION. CHARLES CARRILLON, St. Louis, Mo., assignor of one-third to Joseph M. Klamon, St. Louis, Mo. Filed Aug. 1, 1924. Serial No. 729,575. 3 Claims. (C. 72—44.)



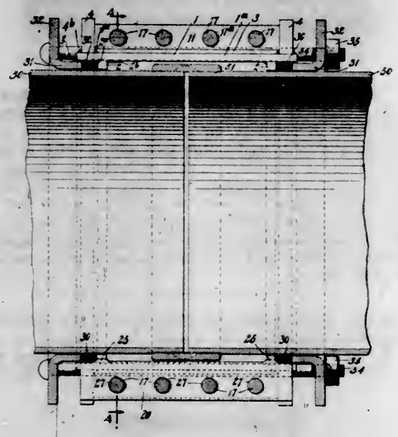
1. A reenforced concrete wall section comprising a pair of concrete walls spaced apart from one another, connecting members for securely holding said walls in spaced apart relation, consisting of angular convoluted metal rods having parallel portions in staggered relation to one another, one set of said parallel portions being embedded in one of said walls, and the other set being embedded in the opposite wall, and a metal screen disposed in one of said walls and parallel thereto, said screen having two of its outermost edges bent laterally to extend into the opposite wall adjacent the edges of the section.

1,568,267. SCALPER. CLARENCE W. CARTER, Minneapolis, Minn., assignor to Carter-Mayhew Manufacturing Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Aug. 27, 1924. Serial No. 734,423. 15 Claims. (Cl. 209—285.)



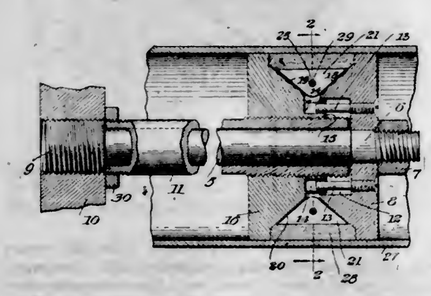
1. A scalping machine comprising a drum-like rotary screen, means for delivering commingled stock in compact mass against said screen, and means for causing the stock to accumulate in compact mass within said screen, whereby said screen will fall over large and long foreign substances, while the main stock will pass through said screen to the interior thereof, and from thence out of said screen.

1,568,268. WROUGHT-METAL REPAIR DEVICE FOR PIPE LINES. JAMES CLARK and JOSEPH E. WALBORN, Bradford, Pa., assignors to S. R. Dresser Manufacturing Company, Bradford, Pa., a Corporation of Pennsylvania. Filed Aug. 25, 1925. Serial No. 52,346. 5 Claims. (Cl. 285—100.)



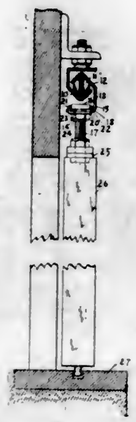
1. In a wrought metal repair device for pipe lines, a split sleeve comprising a plurality of wrought metal body segments, each of which is provided at each end with a marginal portion comprising a segment of a cylinder, a wrought metal segment end piece welded to the inner face of each of said marginal portions of the body segments at a distance from the end face thereof, forming a packing recess of which marginal portions of the body segments form the outer wall, and the segmental end pieces form the inner ends, whereby the packing in said recesses will seal the welded joints between the said end pieces and body segments, and prevent leakage in cases of defective welding, means for securing said body segments together, and side packings for making tight joints between the longitudinal meeting edges of the body segments.

1,568,269. EXPANSIBLE PACKING MECHANISM FOR PISTONS. ALFRED JULES CORMIER, Long Beach, Calif. Filed July 24, 1923. Serial No. 653,612. 3 Claims. (Cl. 74—109.)



1. In a piston packing expander the combination of a piston rod, of a stationary coniform piston element carried thereby, a sleeve carried by said piston rod having an exterior threaded end portion, a movable coniform piston element mounted on the threaded end of said sleeve, an expansible packing mounted in the space between said coniform piston elements, and a plurality of packing expanding members arranged behind said packing and between said piston elements for expanding said packing on a forward movement of said movable piston element.

1,568,270. DOOR HANGER. STOUGHTON P. CROSS, Hartsdale, N. Y., assignor to The McCabe Hanger Mfg. Co., New York, N. Y., a Corporation of New Jersey. Filed Aug. 26, 1922. Serial No. 584,452. 2 Claims. (Cl. 16—105.)



1. In a sliding door-hanger, a hanger bolt, a rider bar the base portion of which is provided with a transverse slot receiving the shank of the hanger bolt and is also provided with a longitudinal slot beyond the transverse slot, a washer of a width less than the width of the said base portion, said washer having a ward inset from one edge of the base portion and extending through said transverse slot into engagement with one side of the bolt head, said washer having a second ward inset from the opposite edge of said base portion and extending through said longitudinal slot into engagement with the opposite side of said bolt head, and a nut for clamping the base portion and washer between said nut and the bolt head.

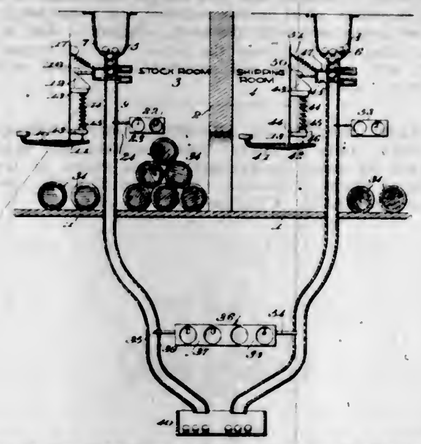
1,568,271. PROCESS FOR TREATING METALS AND COMPOSITION THEREFOR. DAVID H. CROSSER, Chicago, Ill., assignor to Chicago Crucible Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 29, 1924. Serial No. 735,040. 10 Claims. (Cl. 75—27.)

7. A composition for treating metal, comprising a briquette containing a relatively finely divided modifying element, and a ceramic binder of relatively great volume compared to the volume of said modifying element, said modifying element being disseminated throughout said binder.

1,568,272. GRAVITY REGISTER. FEDERICO GUILLERMO DIAGO, Habana, Cuba. Filed Nov. 24, 1923. Serial No. 676,818. 1 Claim. (Cl. 235—91.)

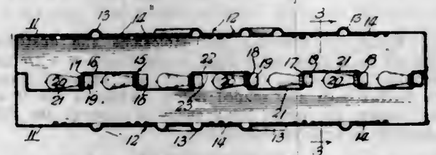
Registering apparatus comprising a hopper containing weights, a chute in connection with the hopper intended to receive the weights, and a slide arranged to reciprocate across the chute at right angles, said slide being composed of a pair of parallel plates spaced sufficiently

apart to receive a weight therebetween, the upper plate having an opening in normal registration with the chute



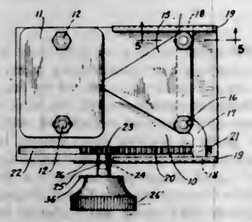
above, the lower plate having an opening registerable with the chute below when the slide is shifted to permit a weight to drop through.

1,568,273. ELECTRICALLY-ILLUMINATED SIGN. HERMAN A. GRIESINGER, Chicago, Ill., assignor to Thomas Cusack Company, Chicago, Ill., a Corporation of New Jersey. Filed June 25, 1923. Serial No. 647,429. 3 Claims. (Cl. 40—133.)



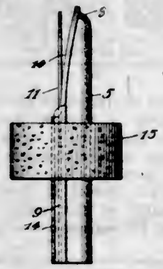
1. In an electrically illuminated sign, the combination of a sign body having glass letter plates upon opposite sides thereof, a reflecting partition in said sign body midway between said letter plates, said partition comprising a plurality of vertically disposed reflecting panels extending from the top to the bottom of the body and providing a succession of channel-like, vertically disposed open chambers, and lamp sockets carried by said partition and so positioned thereon that the associated lamps are arranged in axial alignment with at least one lamp in each chamber.

1,568,274. CONDENSER. DAVID GRIMES, Grasmere, N. Y., assignor to Grimes Radio Engineering Co. Inc. Filed May 18, 1922. Serial No. 561,829. 12 Claims. (Cl. 250—41.)



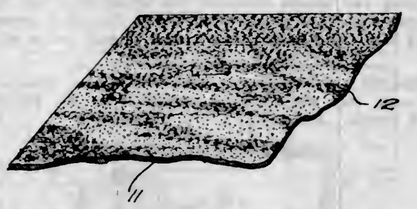
1. A condenser comprising a stationary condenser element having a straight side edge, and a plate conforming in shape to an isosceles triangle movable to overlapping position with respect to said element, the base of the triangular plate being substantially parallel to the straight edge of the element.

1,568,275. SOUND-PRODUCING REED. LEO J. GRUBMAN, New York, N. Y., assignor to Voices, Incorporated, Newark, N. J., a Corporation of Delaware. Filed Nov. 15, 1923. Serial No. 674,809. 3 Claims. (Cl. 46—46.)



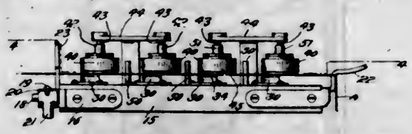
1. A reed comprising a body member having a longitudinally extending air channel opening upon one side thereof and provided with angular shoulders at opposite edges of said channel, a vibratory sound producing element having a part positioned over said channel between said shoulders and another relatively yieldable vibrating part projecting longitudinally over the ingress end of the air channel beyond said shoulders, a pressure resisting material engaged upon the first named part of said sound producing element and also positioned between said shoulders, and a support for the reed coacting with said pressure resisting material and holding said material and the sound producing element against longitudinal movement with respect to the reed body.

1,568,276. AMALGAMATING MEANS. CHARLES C. HAMILL, Randsburg, Calif. Filed July 12, 1924. Serial No. 725,721. 1 Claim. (Cl. 209—50.)



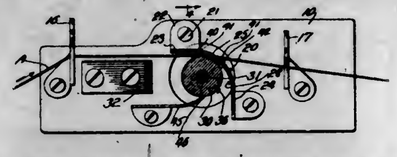
A means for the recovery of gold by amalgamation comprising a base plate covered with a mixture of mercury and silver fillings producing a rough surface.

1,568,277. YARN CLEANER. LOUIS B. HASBROUCK, Elmira, N. Y., assignor to Eclipse Textile Devices Inc., Elmira Heights, N. Y., a Corporation of New York. Filed Jan. 3, 1924. Serial No. 684,131. 20 Claims. (Cl. 28—66.)



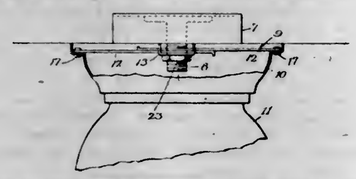
1. A yarn cleaner for removing particles from a traveling yarn, comprising means providing a scraping edge, means for guiding the yarn across said edge so that it scrapes particles from the yarn, and continuously moved means for carrying away from the line of travel of the yarn the particles and fibrous matter scraped off by the edge.

1,568,278. YARN CLEANER. LOUIS B. HASBROUCK, Elmira, N. Y., assignor to Eclipse Textile Devices, Inc., Elmira Heights, N. Y., a Corporation of New York. Filed Jan. 3, 1924. Serial No. 684,132. 19 Claims. (Cl. 28—66.)



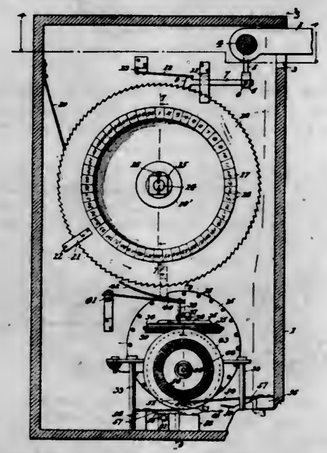
1. A yarn cleaner for removing particles from a traveling yarn, comprising a member providing a scraping edge across which the yarn is drawn, and a member providing a smooth surface opposite said edge and in contact with the yarn, one of said members being so moved that the part thereof in contact with the yarn travels longitudinally of the scraping edge to carry away particles and fibrous matter scraped from the yarn by the edge.

1,568,279. ADJUSTABLE STRAP FOR ELECTRIC-LIGHTING FIXTURES. MAX HERSKOVITZ, Chicago, Ill.; William Herskovitz and Charles Weinfeld executors of said Herskovitz, deceased. Filed June 4, 1924. Serial No. 717,696. 4 Claims. (Cl. 240—85.)



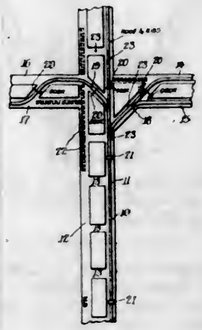
1. An adjustable strap for lighting fixtures, comprising a centrally apertured centre piece formed with flanges, and two similar fixed supporting members, each having two spaced branches, the branches of one end member overlapping the branches of the other member and both being held by the flanges of said centre piece.

1,568,280. RECORDER. MILTON HOHENEMS, Hummelstown, Pa. Filed Feb. 8, 1922. Serial No. 534,894. 9 Claims. (Cl. 234—1.)



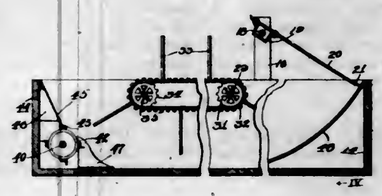
4. A registering device of the class described including a casing, a primary registering wheel rotatably mounted therein, a secondary registering wheel rotatably mounted in said casing, a recording disc carried on said secondary wheel, a spring supported reciprocating pin adapted to perforate said disc and simultaneously lock said secondary wheel against rotation, and means adapted for engagement with the spring support of said reciprocating pin to release the latter from its engagement with said disc and simultaneously rotate said secondary wheel.

1,568,281. SYSTEM OF ARRESTING MINE EXPLOSIONS. JOHN E. JONES, West Frankfort, Ill., dedicated, by mesne assignments, to the People of the United States of America. Filed Nov. 22, 1924. Serial No. 751,565. 4 Claims. (Cl. 169—2.)



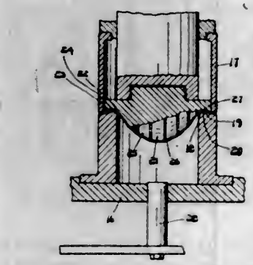
1. Means for arresting gas explosions and dust explosions in a mine comprising, in combination, a trough container adapted to hold an inert dust, supports therefor having each a V-shaped notch containing the V of the trough, the notch being small to support the full container in unstable equilibrium.

1,568,282. CARCASS-SCALDING MACHINE. JOHN W. KOHLHEPP, Chicago, Ill. Filed Sept. 19, 1925. Serial No. 57,266. 10 Claims. (Cl. 17—16.)



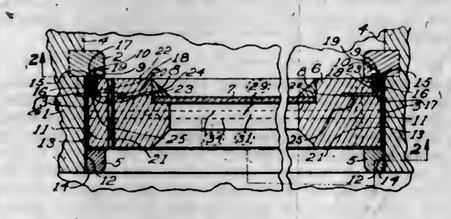
1. The combination with a carcass dehairing machine, of a carcass scalding unit comprising a scalding tank, a carcass feed drum rotatably mounted in one end thereof, a carcass discharge guide chute in the opposite end thereof, carcass guide aprons associated with the carcass feed drum to guide carcasses downwardly into the tank, a conveyor mechanism in the tank between the carcass feed drum and said chute to convey the carcasses from said aprons in a submerged condition through the lower part of the tank and onto said chute, and rotatable means adapted to enter the tank to engage and lift the scalded carcasses from said chute and deposit the same in said dehairing machine.

1,568,283. METHOD OF MAKING REFLECTORS. EUGENE A. KUHN, Cincinnati, Ohio, assignor, by mesne assignments, to The American Flatlite Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Aug. 21, 1923. Serial No. 658,649. 8 Claims. (Cl. 118—51.)



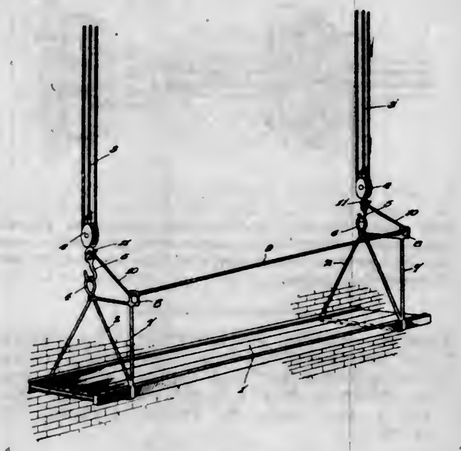
1. A method of making reflectors consisting in forming a reflector shell of basic contour, and then stretching the basic contour into configurations by subjecting portions of one side of the reflector to sufficient pressure to stretch the material thereof into configurations without supporting the opposite side during the stretching operation.

1,568,284. WEATHER STRIP. DOMNICK KULAGE and RICHARD O. OAKLEY, St. Louis, Mo., assignors to Peerless Weatherstrip and Caulking Company, St. Louis, Mo., a Corporation of Missouri. Filed Jan. 5, 1924. Serial No. 684,499. 1 Claim. (Cl. 20—69.)



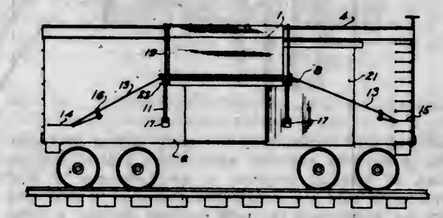
The combination with a window frame having an inside bead—a parting bead provided with a recess extending longitudinally of its inner face but spaced outwardly from the side of the frame—and a sliding sash between the said beads, of a weatherstrip having its inner longitudinal edge seated in the said recess of the parting bead and its outer longitudinal edge secured between the said inside bead and the adjacent face of the said frame, said weatherstrip having the portion between the said beads lying flat against the side of the said frame and being povided with a channel-forming bend in the portion adjacent the said parting bead, and a second weatherstrip of L-shaped cross-section and uniform thickness having one leg adjustably secured to the said sliding sash and the other leg engaged in the channel of the first mentioned strip.

1,568,285. SAFETY DEVICE FOR SWINGING SCAFFOLDS. ROLPH J. LACKNER, New York, N. Y., assignor to Lackner Products Corporation, Brooklyn, N. Y., a Corporation of Delaware. Filed Aug. 25, 1924. Serial No. 734,014. 2 Claims. (Cl. 304—16.)



1. A safety device for swinging scaffolds consisting of a guard member extended between and fixedly secured to the scaffold-suspending means.

1,568,286. CANOPY FOR LOADING CARS. ARTHUR T. MCWANE, Birmingham, Ala. Filed Nov. 5, 1923. Serial No. 672,909. 5 Claims. (Cl. 156—15.)

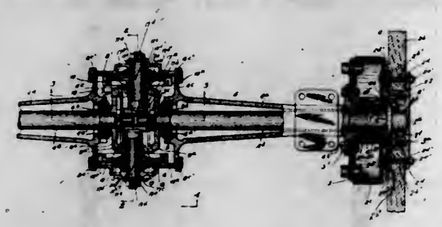


4. A loading canopy for railroad freight cars, comprising a canopy adapted to extend over the car running board and having hooks to engage same, braces adapted to engage the car on each side of its door, a rigid cross member attached to the outboard end of the canopy to which member said braces are connected, and means to support the braces in set position on the car.

1,568,287. POWER-TRANSMITTING MECHANISM. LEO MELANOWSKI, Cleveland, Ohio, assignor to The Citizens Savings and Trust Company, operating trustee, Cleveland, Ohio, a Corporation of Ohio. Filed Feb. 24, 1919. Serial No. 278,672. 55 Claims. (Cl. 74—99.)

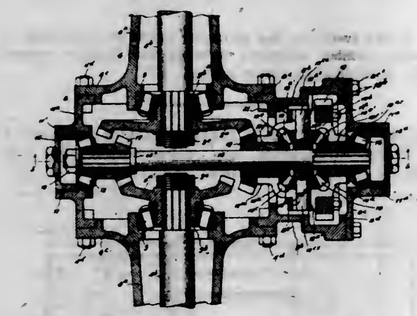
1. The combination in a driving axle of a housing, a pair of driven axle sections arranged end to end therein, a driving shaft mounted in said housing at an angle to said driven axle sections, differential mechanism mounted on said driving shafe section and actuated thereby and

double speed reduction gearing interposed between said differential mechanism and the inner ends of said axle sections, comprising bevel gears on said axle sections meshing with bevel pinions supported in said housing,



spur gears mounted to turn with said bevel pinions, spur pinions mounted to engage said spur gears, each of which spur pinions is operated from one side of said differential mechanism.

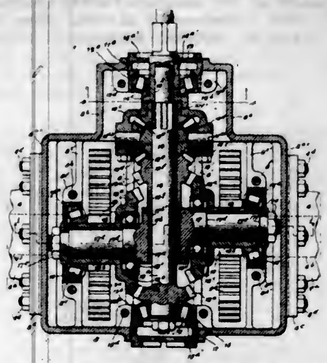
1,568,288. POWER-TRANSMITTING MECHANISM. LEO MELANOWSKI, Cleveland, Ohio, assignor to The Citizens Savings and Trust Company, operating trustee, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 7, 1919. Serial No. 288,012. 6 Claims. (Cl. 74—99.)



1. The combination with a housing formed with openings in its front and rear walls, and a pair of axle sections, of bearings mounted in said openings, a shaft mounted in said bearings, devices mounted in said openings for positioning the said bearings therein, a differential having a casing mounted on said shaft, and differential gears one of which is connected to said shaft, pinions respectively connected to said shaft and the other differential gear for driving said axle sections, a separate shaft mounted in said housing and gear connections between said shaft and said differential casing.

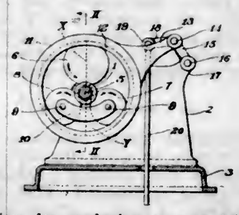
1,568,289. POWER-TRANSMITTING MECHANISM. LEO MELANOWSKI, Cleveland, Ohio, assignor to The Citizens Savings and Trust Company, operating trustee, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 7, 1919. Serial No. 288,013. 30 Claims. (Cl. 74—99.)

2. The combination with a pair of driven axle sections, a shaft, a housing for said axle sections and shaft, a pair of gear elements fixed to the opposite ends of said shaft, a pair of gear elements loosely mounted on said shaft between the first pair of gear elements, a driving element having a plurality of pinions meshing with one element of each of said pairs of gears, a bearing for said shaft carried by said housing and disposed between one of said gears which is fixed and the pair of gears which



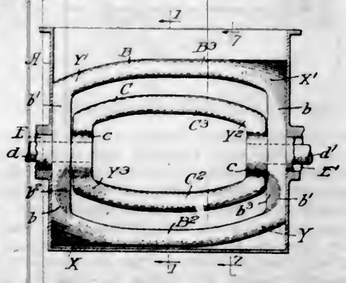
is loosely mounted on said shaft, and power transmitting elements between each of the other elements of said pairs of gears and said axle sections, respectively.

1,568,290. ROLLER ECCENTRIC. GEORGE SMITH MORISON, Pittsburgh, Pa. Filed Aug. 2, 1923. Serial No. 655,376. 14 Claims. (Cl. 74—34.)



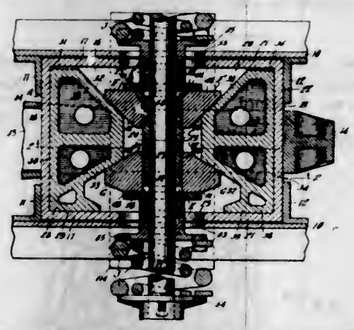
1. Mechanism for producing an eccentric motion comprising a circular rotatable driving shaft, an internally circular ring surrounding said shaft and held against free rotation, circular rolling members positioned between the shaft and ring and bearing against said shaft and ring, two of said circular rolling members being of different respective diameters.

1,568,291. DOUGH-MIXING MACHINE. FELIX NOTZ and GEORGE ROYAN, Chicago, Ill., assignors to American Oven & Machine Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 5, 1925. Serial No. 482. 6 Claims. (Cl. 259—105.)



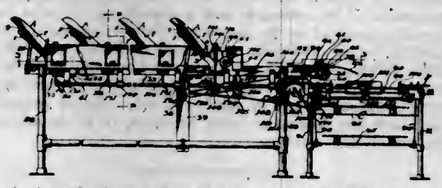
5. In a dough mixing machine, the combination with a mixing chamber of a pair of mixing frames mounted to revolve one within the other, each of said frames comprising longitudinal arms and end members to which said arms are joined, the end members of the outer frame having inwardly inclined working surfaces to move the dough towards the inner frame.

1,568,292. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Apr. 12, 1923. Serial No. 631,507. 12 Claims. (Cl. 213—38.)



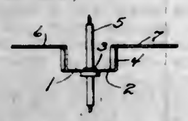
1. In a friction shock absorbing mechanism, the combination with end followers movable relatively toward each other; of end wedges movable with the respective followers; a central friction element having friction faces extending transversely to the axis of the mechanism; a plurality of friction shoes co-acting with said wedges, and slidable on the friction faces of said element, said shoes being separable transversely of the mechanism; and means for yieldingly opposing relative movement of said friction shoes, said means including spring elements, each of which is adapted to engage a plurality of said friction shoes.

1,568,293. GATHERING MACHINE. CHARLES A. RICHARDS, Chicago, Ill. Filed Aug. 22, 1921. Serial No. 494,065. 2 Claims. (Cl. 270—59.)



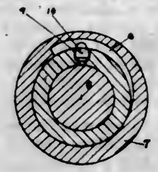
1. A gathering machine having a series of hoppers for holding stacks of sheets of material, a conveyor for transferring sheets from the hoppers, a platform to which the conveyor delivers the sheets, a reciprocating guide which moves toward the center of the platform upon the receipt of each sheet and moves away between the receipt of sheets whereby the delivered sheets are stacked, mechanism connected to said conveyor for continuously driving the same, clutch means operable by said mechanism for intermittently actuating said hoppers to deliver to said conveyor, and continuously driven means connected to said mechanism for actuating said guides.

1,568,294. PALLET. CLIFFORD G. RILEY, Manchester, England. Filed Nov. 12, 1924. Serial No. 749,517. 2 Claims. (Cl. 58—116.)



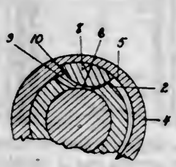
1. As a new article of manufacture, a pallet in the form of a square shaped U and having an apertured middle portion and portions extending at right angles to the middle portion; the said pallet being formed of flat metal.

1,568,295. LOCKING DEVICE FOR DEPTH-GAUGE MICROMETERS. JOHN A. SCHLEICHER, Saginaw, Mich., assignor to Lufkin Rule Co., Saginaw, Mich., a Corporation of Michigan. Filed July 17, 1925. Serial No. 44,395. 2 Claims. (Cl. 33—167.)



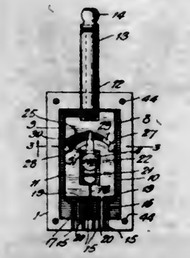
1. In a depth gauge micrometer including a shoe and a micrometer head having a part of reduced diameter secured to said shoe, a spindle slidable in said reduced part and an internally eccentric ring revolvable thereon, a movable plug in the wall of said reduced part, between the spindle and eccentric ring, for the purposes set forth.

1,568,296. SPINDLE-CLAMPING DEVICE. JOHN A. SCHLEICHER, Saginaw, Mich., assignor to Lufkin Rule Co., Saginaw, Mich., a Corporation of Michigan. Filed July 17, 1925. Serial No. 44,396. 4 Claims. (Cl. 33—167.)



1. A spindle clamping device comprising a tubular spindle-receiving member provided with a hole through the wall thereof, an anvil loosely received in said hole and tiltable therein, a ring rotatable on said tubular member and provided with an internal cam adapted to engage said anvil to clamp said spindle, said ring formed with a shoulder at an end of said cam, said shoulder adapted to engage said anvil to move it out of contact with said spindle.

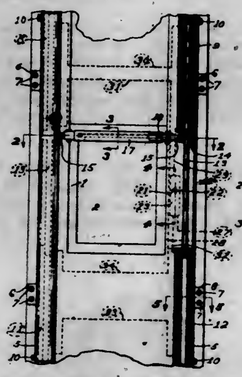
1,568,297. TELEPHONE SWITCH FOR RADIO SETS. EDWARD ANTHONY SMALENBERGER, Brooklyn, N. Y., assignor to Franklin L. Duerk, Brooklyn, N. Y. Filed Sept. 24, 1924. Serial No. 739,521. 10 Claims. (Cl. 179—1.)



1. A telephone switch for radio sets, comprising a pair of conductors for connection in the telephone circuit of a set, a support for the conductors, a switch member carried by the support for movement in a definite path thereon, spaced contact elements, one connected to each of the two conductors and another to the switch member, whereby a telephone receiver may be electrically connected between one of the conductors and the element that is connected to the switch member, and another re-

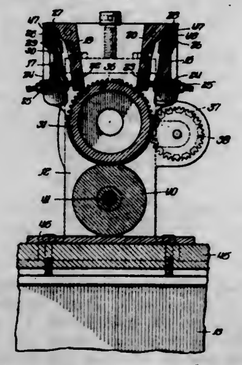
ceiver between the other of the said conductors and the switch member, and switch elements connected to the two conductors and disposed in spaced relation to one another within the path of the switch member, whereby either receiver may be temporarily short circuited by moving the switch member into engagement with that switch element which is connected to the same conductor that that receiver is directly connected to, and both receivers rendered active and placed in series by moving the switch member out of engagement with both switch elements.

1,568,298. WIPER. JOSEPH A. SOMERVILLE, St. Louis, Mo. Filed Dec. 18, 1924. Serial No. 756,679. 2 Claims. (Cl. 15—253.)



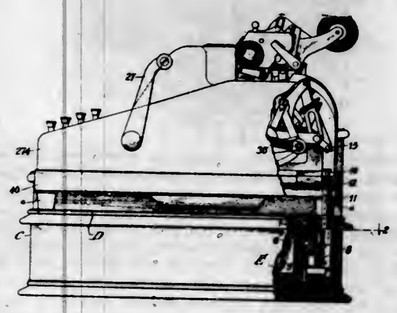
1. In a window wiper, a pair of laterally spaced guide tubes respectively slotted for a portion of their length to provide guide openings, a plunger within each guide tube adapted to slide from one end to the other thereof, a slidable collar on each plunger, a pair of studs, each of said studs having a screw-threaded shank engaged in a screw-threaded opening in a collar and seating against the plunger for locking the said collar thereon, a wiping strip, a holder therefor having its opposite ends embracing the said studs, and removable transverse bolts securing the said ends of the holder to the said studs.

1,568,299. INKING FOUNTAIN. BURT D. STEVENS, Evanston, Ill., assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 15, 1923. Serial No. 657,471. 2 Claims. (Cl. 101—363.)



1. An ink fountain comprising a fountain roll, an ink controlling blade, pivoted supporting means for the blade, said blade and supporting means comprising a wall of the fountain, an outwardly extending flange on the blade supporting means, a frame holding the pivots of the blade supporting means, compression springs carried by said frame and engaging the flanges of the blade supporting means to urge the blade away from the roll and adjustable means engaging the body of the blade support to move it toward the roll.

1,568,300. CASH REGISTER. OSCAR J. SUNDSTRAND, Rockford, Ill., assignor to Rockford Milling Machine Company, Rockford, Ill., a Corporation of Illinois. Filed Aug. 15, 1921. Serial No. 492,243. 2 Claims. (Cl. 235—22.)



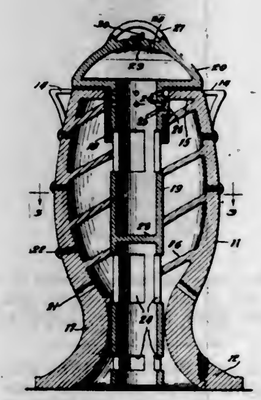
1. The combination of a casing, a cash drawer in the casing, a drawer lock in the casing, a tubular guide fixed in and extending above the top of the casing, a plunger vertically reciprocable in the guide and arranged to operate the lock, means to limit the upward movement of the plunger, and a registering machine removably mounted on the top of the drawer and having an opening in its base into which said guide projects, said guide serving to locate the registering machine upon the casing, and to prevent access to said plunger when the registering machine is in place, and said plunger projecting above the guide and being arranged to be moved by the registering machine.

1,568,301. BRAKE-APPLYING MECHANISM. GEORGE J. THOMAS, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 2, 1925. Serial No. 66,276. 1 Claim. (Cl. 74—5.)



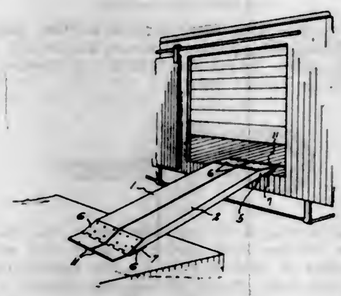
A vehicle having brakes and a vehicle-driving longitudinally-arranged propeller shaft, and comprising, in combination therewith, substantially coaxial brake-applying cross shafts arranged on opposite sides of the propeller shaft with their inner ends approximately on a level with the propeller shaft, and means for rocking said shafts together to apply the brakes including a connecting casting or forging offset at its center to clear the propeller shaft and secured at its ends to the inner ends of the cross shafts, together with an arm at one end of the casting or forging and a brake pedal connected to the arm.

1,568,302. FUEL-SAVING DEVICE. OLOF A. TOFFTEEN, Chicago, Ill. Filed Apr. 1, 1924. Serial No. 703,565. 17 Claims. (Cl. 110—75.)



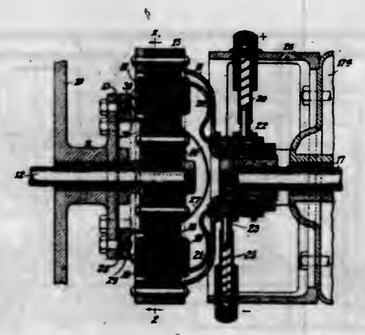
1. A fuel saving device comprising a hollow perforate member having a spiral passage therein, and an adjustable element carried by said hollow member and formed with perforations adapted to register with said spiral passage.

1,568,303. FREIGHT SKID. WILLIAM E. WEBSTER, Birmingham, Ala. Filed Feb. 16, 1925. Serial No. 9,368. 6 Claims. (Cl. 14—72.)



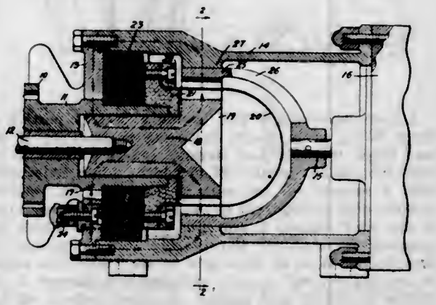
1. A freight skid formed in longitudinal half sections having interconnecting dowels and dowel holes on their abutting side edges, each section having hinges at each end to connect thereto a flat metallic apron adapted to provide inclined approaches to both ends of the skid, and to swing freely above and below the plane of the skid.

1,568,304. MAGNETIC COUPLING. EDWARD T. WILLIAMS, Brooklyn, N. Y., assignor of one-half to William O. Smith, Brooklyn, N. Y. Filed June 1, 1922, Serial No. 565,275. Renewed June 10, 1925. 4 Claims. (Cl. 172—284.)



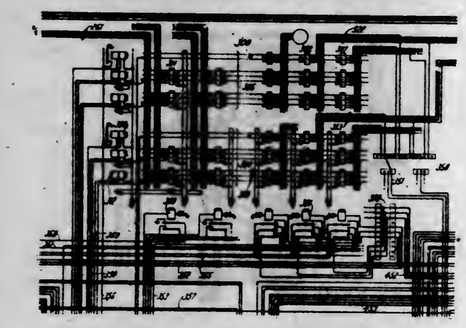
1. The combination of a machine having a closed casing and an inner shaft extending through a wall of the later, an outer shaft, outer and inner magnetic coupling elements carried by said shafts to drive one from the other, and a sealing shell of which substantially all the unsupported area is of substantially spherical curvature enclosing the inner coupling element and hermetically sealed to the casing.

1,568,305. MAGNETIC CLUTCH. EDWARD T. WILLIAMS, New York, N. Y. Filed Oct. 15, 1923. Serial No. 668,508. 3 Claims. (Cl. 172—284.)



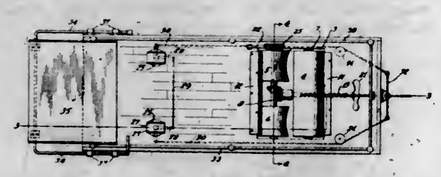
1. The combination with a machine of the class described, having a casing and a shaft extending through the same, said casing having a tubular extension coaxial with and surrounding the outer end of the shaft; of an inner magnetic coupling member having a hub extending into said tubular extension and secured to the end of the shaft therein, a sealing cup enclosing the coupling member and sealed around the outer end of said tubular extension, an outer magnetic coupling member rotatable around the inner member outside of the sealing cup, and a stationary magnetizing coil surrounding said tubular extension between the casing and the sealing cup and having a magnetic circuit including the tubular extension, hub, and both coupling members.

1,568,306. TELEPHONE-EXCHANGE SYSTEM. SAMUEL B. WILLIAMS, Brooklyn, N. Y., and EARL S. GIBSON, Ridgewood, N. J., assignors, by mesne assignments, to Western Electric Company, Incorporated, a Corporation of New York.. Filed Jan. 23, 1925. Serial No. 4,147. 13 Claims. (Cl. 179—18.)



1. In combination, a group of trunks, selective switches in which said trunks appear, testing means normally associable with a particular one of said trunks, and means for partially operating said switches to associate all of said trunks with said testing means.

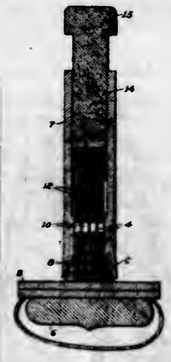
1,568,307. AUTOMOBILE BARGE. PHILIP F. ACOCELLA, Brooklyn, N. Y. Filed Aug. 20, 1924. Serial No. 733,038. 1 Claim. (Cl. 115—0.5.)



A boat embodying a hull having a deck, a portion of which is cut away, shafts extending transversely of the boat below the deck and carrying rollers adapted to occupy the cut out portion of the deck and to collectively form a support for the rear wheels of a car, whereby rotation may be imparted to the rollers through operation of the rear wheels, a propellor, a shaft on which the propeller is mounted, and gearing for connecting the propeller shaft to at least one of the transverse shafts in combination with a pair of turntables adapted to individually engage and support the front wheels of the car and mounted for rotation on vertical spindles, a bell crank on each spindle, a tie rod connecting one arm of each bell crank to the corresponding arm, a rudder at the rear of the boat, and cables for securing the free arms of said bell cranks to the rudder to permit steering of the boat from the steering wheel of the car.

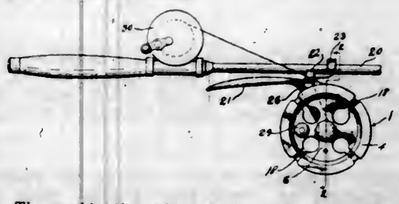
1,568,308. FOOTBALL-CLEAT-APPLYING TOOL. WILLIAM HENRY ALBER, Marlboro, Mass., assignor to Koehler Manufacturing Company, Marlboro, Mass., a Corporation of Massachusetts. Filed Oct. 4, 1922. Serial No. 592,332. 3 Claims. (Cl. 1—47.)

1. A football cleat attaching tool, comprising an elongated body having a cavity in one end thereof, said cavity having inclined walls to fit snugly against the tapered sides of a football cleat, a series of nail guiding holes opening into the upper end of said cavity, drivers slidably mounted in said holes, a driver bar slidably



mounted in said body and having a head to engage said body at the end of its driving stroke, and means for preventing said driver bar from turning in the body.

1,568,309. SPARE-FISHING-LINE HOLDER AND REEL THEREFOR. FREDERICK H. AULD, Columbus, Ohio, assignor to The D. L. Auld Company, Columbus, Ohio. Filed June 16, 1924. Serial No. 720,296. 8 Claims. (Cl. 242—84.1.)



1. The combination with a fishing rod, of a reel, means for rotatably and detachably connecting the reel with the rod, a spare line holder consisting of a collapsible split ring, and means for detachably connecting the holder with the reel.

1,568,310. HOLDING DEVICE FOR ROPES, CABLES, AND THE LIKE. PETER E. BAGGE, Moline, Ill. Filed Nov. 8, 1924. Serial No. 748,710. 8 Claims. (Cl. 24—133.)

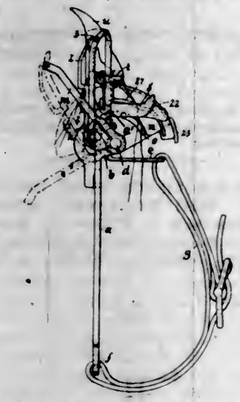


2. In a holding device for lines, cables, and the like, a pair of clevises, each having its inner face rounded to be convex in cross-section, a pivot member passing through both arms of said clevises and adapted to hold them in assembled relation, and means surrounding the pivot member substantially filling the space between the inner arms of said pair of members.

1,568,311. KNOT-TYING IMPLEMENT. ROBERT W. BARKER, Providence, R. I., assignor to Edward A. Taft, trustee, Brookline, Mass. Filed Feb. 7, 1918, Serial No. 215,789. Renewed Sept. 3, 1920. Serial No. 408,053. 29 Claims. (Cl. 289—3.)

1. A strand-cross-forming instrumentality having strand checks arranged one forward of the other and

against which the respective strands are adapted to bear, said instrumentality having means to guide the strands



against said checks and affording clearance to one strand to be displaced laterally under the check for the other strand.

1,568,312. CAN OPENER. AUGUST M. BECKER, New York, N. Y. Filed July 29, 1924. Serial No. 728,810. 1 Claim. (Cl. 220—43.)



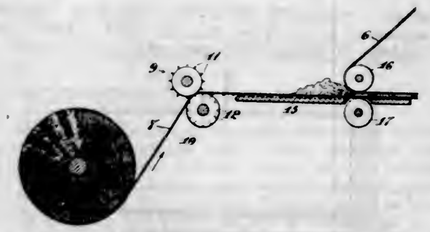
An improved can opener, comprising a main member, a handle on said main member, two lever members on the main member at opposite sides thereof, all of said members being of one single piece and integral with each other, each of said lever members having a flat portion flush with one surface of the main member and another portion bevelled off from said flat portion to the oppositely disposed surface of said main member and having a recess between the two lever members curved inwardly from one, across and outwardly to the other.

1,568,313. BOWLING PIN. HAROLD J. BLUHM, Muskegon Heights, Mich., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del., a Corporation of Delaware. Filed Feb. 16, 1925. Serial No. 9,514. 8 Claims. (Cl. 273—63.)



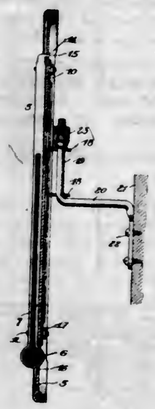
1. A bowling pin having a neck relatively softer than the body of the pin.

1,568,314. COMPOSITION BOARD. GEORGE A. BUTTRESS and CHARLES F. CRAIG, Los Angeles, Calif., assignors to Rex Goodcell, Los Angeles, Calif. Filed May 27, 1924. Serial No. 716,083. 3 Claims. (Cl. 154—2.)



3. The method of forming a composition wall board, consisting in puncturing a facing sheet to form a multiplicity of minute apertures therein having frayed marginal portions projecting from one side of the sheet, applying a coating of plastic material to the surface of the facing sheet opposite the frayed projecting portions, and causing portions of the plastic material to extend into the apertures, and pressing the frayed projecting portions of the facing sheet over the plastic in the apertures.

1,568,315. THERMOMETER MOUNTING. HENRY B. BROWN, Rochester, N. Y., assignor to Taylor Instrument Companies, Rochester, N. Y., a Corporation of New York. Filed Sept. 18, 1922. Serial No. 588,824. 5 Claims. (Cl. 73—52.)



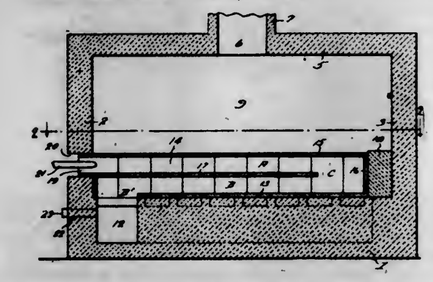
1. A thermometer comprising a tube, a mounting plate provided with openings therein and with a scale and having a rearwardly turned, peripheral flange, a back plate disposed within said flange having openings therein registering with those in said mounting plate, means on said back plate for supporting the instrument, and securing devices passed through said registering openings and embracing said tube for securing the latter on said mounting plate and said plates together.

1,568,316. PROCESS FOR ARTIFICIALLY CURING GREEN TOBACCO. ALFRED CHARLES BUENSOD, New York, N. Y., assignor to The Tobacco Treating Co., Inc., New York, N. Y., a Corporation of New York. Filed Dec. 30, 1921. Serial No. 525,996. 19 Claims. (Cl. 131—6.)

1. A process of the character described comprising the subjection of the tobacco cells to air currents forced

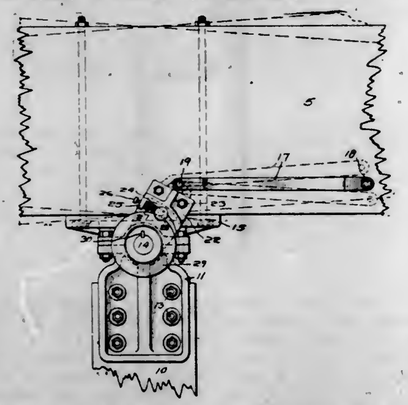
through the rows of tobacco, such air having a temperature of from 95° F. to 110° F. and a relative humidity of from 70% to 75% until substantially all of the food in the cells has been consumed.

1,568,317. FURNACE OR OVEN. HIRAM B. CANNON, Metuchen, N. J. Filed May 14, 1924. Serial No. 713,188. 9 Claims. (Cl. 263—43.)



1. A furnace or oven comprising in combination walls forming a heating chamber, the bottom wall constituting a floor for said chamber and being provided with a flue beneath said floor, a combustion chamber within the heating chamber and arranged to heat the same by radiation, means for heating the said combustion chamber interiorly and means for discharging the products of combustion from the combustion chamber into said flue, the said flue being provided with one or more openings for delivering the products of combustion into the heating chamber whereby the said chamber is heated by radiant heat from the combustion chamber and from the floor and by the sensible heat of the gases delivered through the opening or openings in said flue.

1,568,318. HEAVY-DUTY BEARING. FRANK WILLIAM CARLSON, Oilfields, Calif. Filed Feb. 3, 1925. Serial No. 6,611. 4 Claims. (Cl. 308—21.)



2. The combination with a walking beam, a saddle carried thereby, a pin carried by said saddle, a side plate in which said pin is journaled and clutch mechanism engaged with said pin and with the walking beam for imparting a step by step turning movement to said pin in the side plate.

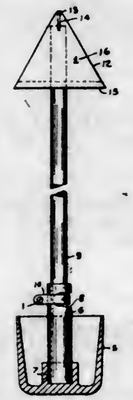
1,568,319. TOY AEROPLANE. WILTON W. COGSWELL, Colorado Springs, Colo. Filed Dec. 1, 1924. Serial No. 753,223. 2 Claims. (Cl. 244—12.)

1. A device of the character described consisting of a shaft divided by longitudinal slits into a plurality of sections, wings fitting into one of said slits and held in place by said sections, a fin fitting into one of said



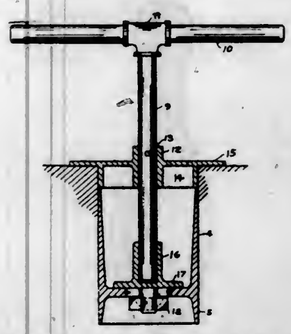
slits and held in place by two of said sections and the wings, and a resilient bumper securing the free ends of the sections together.

1,568,320. GOLF-HOLE-CUP FLAG HOLDER, BASE, AND FLAG. HARRY T. COLDWELL, Arlington, N. J., assignor of one-third to William H. Mabie and one-third to Henry E. Lex, both of Newburgh, N. Y. Filed Aug. 13, 1924. Serial No. 731,696. 4 Claims. (Cl. 273—34.)



1. In a golf hole cup flag holder the combination of a base member adapted to removably and snugly fit a golf hole cup and means for supporting and removably mounting a flag pole therein comprising a tubular member rigidly mounted in said base member and having a cut out portion near the top adapted to carry a clamp member to detachably secure a flag pole therein.

1,568,321. GOLF-HOLE CUP AND TOOL FOR INSERTING AND EXTRACTING SAID CUP. HARRY T. COLDWELL, Arlington, N. J., assignor of one-third to William H. Mabie and one-third to Henry E. Lex, both of Newburgh, N. Y. Filed Aug. 13, 1924, Serial No. 731,697. Renewed Sept. 3, 1925. 6 Claims. (Cl. 273—34.)



4. In combination a golf hole cup having a key hole in the base with lugs secured under said base offset from said key hole but within the circle described by said hole

as a diameter and means adapted to cooperate with said cup means for inserting and extracting the same from said golf hole.

1,568,322. METHOD OF MAKING BRAKE-BEAM FULCRUMS. SETH A. CRONE, East Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y., a Corporation of New York. Filed Mar. 31, 1923. Serial No. 628,971. 7 Claims. (Cl. 29—161.)



1. The method hereinbefore described of forming a brake-beam fulcrum which consists in providing a bar of requisite length and uniform thickness throughout and having at its middle portion diagonally disposed lateral edge extensions of the thickness of the bar, laterally offsetting in opposite directions corresponding end portions of the bar, angularly twisting said end portions in opposite directions to set them at the proper angle for final engagement with the compression member of the beam, depressing V-portions of said lateral extensions at diagonally opposite edges and at opposite sides of a center line across the bar, U-ing the bar at said center line, and further depressing the metal at said V-portions to form a saddle or seat for the truss-rod, said saddle or seat being horizontal and crossing the outer ends of the angularly set sides of the fulcrum.

1,568,323. ENAMEL-CLEANING COMPOUND. CHARLES W. DEEB, Ellensburg, Wash. Filed Nov. 27, 1923. Serial No. 677,320. 1 Claim. (Cl. 87—5.)

An enamel cleaning solution formed by mixing the following ingredients consisting of approximately five per cent of acetic acid, twelve and one half percent of ammonia, twenty-five percent of pulverized rotten stone and fifty-seven and one half percent of water.

1,568,324. PROCESS OF MANUFACTURING ADHESIVE BLENDS OF SODIUM NITRATE AND AMMONIUM NITRATE FOR EXPLOSIVE PURPOSES. WILLIAM M. DEHN, Seattle, Wash. Filed Oct. 13, 1924. Serial No. 743,199½. 18 Claims. (Cl. 52—19.)

1. The process of manufacturing conglomerate masses of ammonium nitrate and sodium nitrate for explosive purposes, which comprises changing by application of heat mixtures of said salts to sludges and then cooling rapidly to uniform conglomerates which are to be pulverized.

1,568,325. FISH LURE. CLARENCE L. DEWEY, Michigan City, Ind. Filed May 7, 1923. Serial No. 637,403. 3 Claims. (Cl. 43—42.)



1. A fish lure having a body comprising two complementary units, a hook and a hook guard located between the units, said guard being flexible and having its greater transverse dimension in a plane parallel with the hook and means to clamp the sections together about the parts.

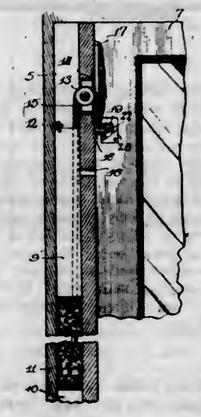
1,568,326. SIGN-LETTER PLATE. CHARLES B. EHNBORN, Chicago, Ill., assignor to Thomas Cusack Company, Chicago, Ill., a Corporation of New Jersey. Filed June 25, 1923. Serial No. 647,459. 4 Claims. (Cl. 40—140.)

1. A sign character plate comprising in combination, a sheet metal stencil plate having a letter opening therein, means providing flanges at the sides and at the top and bottom ends of said stencil plates on the near surface thereof, a translucent glass backing plate, means providing an open metallic frame for said backing plate, said frame including forwardly extending flanges along



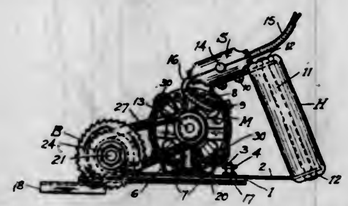
its sides, said frame flanges engaging the rear face of the stencil plate to space the backing plate therefrom and substantially engaging the side flanges of said stencil plate, the top and bottom ends of said backing plate being adapted to be removably engaged beneath the flanges at the top and bottom ends of said stencil plate.

1,568,327. WINDOW CONSTRUCTION. WILLIAM EUTIN, Chicago, Ill. Filed May 2, 1925. Serial No. 27,535. 6 Claims. (Cl. 20—11.)



1. A window construction comprising a frame having a lateral aperture, and a sash co-operating therewith and having a lateral aperture, said apertures adapted to be brought into registry whereby a sash cord may be inserted therethrough and into the weight-box of the frame.

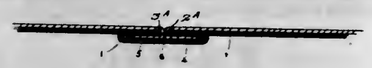
1,568,328. ELECTRIC HANDSAW AND GROOVING MACHINE. ELSAMUR S. FRENCH, Denver, Colo. Filed Nov. 27, 1923. Serial No. 677,330. 2 Claims. (Cl. 143—43.)



1. The combination in an electrically operated hand saw and grooving machine of the fixed plate, the slidable motor supporting stand mounted on said fixed plate; and the hinged plate underneath said fixed plate, and hinged thereto; with an electric motor operatively mounted on said sliding stand having an axial shaft provided with belt pulleys on its opposite ends, a saw supporting shaft rotatably mounted in adjustable bearings at a short dis-

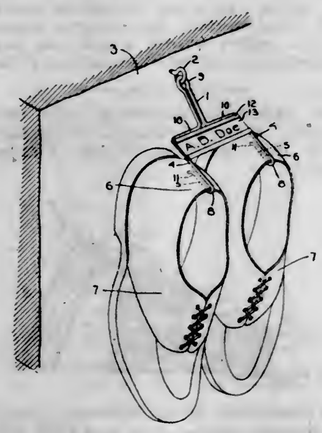
tance from said motor, that are secured to said fixed plate, and a saw removably mounted on one end of said shaft; a hand grasping handle secured to said motor on the opposite side of said motor from said saw supported shaft; with means, including an adjustable screw, threaded through said adjustable bearings and said fixed plate, and bearing on top of the plate hinged underneath said fixed plate for controlling the cutting depth of said saw; a belt pulley on each end of said saw supporting shaft and belts mounted thereon and extending to and mounted on the pulleys of the shaft of said motor; the laterally movable guide member for guiding the plate of the saw; and means including the screw and the slot for adjusting the tension of the driving belts of the saw.

1,568,329. METHOD OF ALTERING WAISTLINE OF TROUSERS. JACOB GREENBERG, Rochester, N. Y. Filed Sept. 10, 1924. Serial No. 787,002. 2 Claims. (Cl. 2—236.)



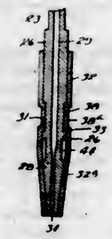
2. The method of making and altering the waist line of a pair of trousers which consists in sewing the two sections of trousers together at the back with a folded edge leaving short extensions of the trousers sections projecting inwardly thereof, then sewing a continuous strip of waist band to the waist line of the trousers with a free loop of the waist band overlapping the inwardly projecting extensions of the trousers sections, allowing said folded edge to be opened and sewed together again after shortening or lengthening the inwardly projecting flanges of said trousers sections without disturbing said waist band and making said waist band overlap said altered lengths of said inwardly projecting flanges of said trousers sections.

1,568,330. SHOE HANGER. JESSE S. HARDING, Stoughton, Mass. Filed Oct. 12, 1925. Serial No. 61,968. 2 Claims. (Cl. 24—261.)



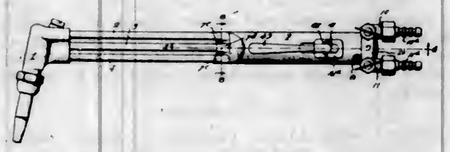
1. A shoe hanger having a shank portion, means for pivotally connecting said shank portion to a wall, and two arms spaced from each other and each having at its end a hook portion adapted to hook over the counter of a shoe, said arms having an angular relation to the shank and the hooks being of less length than the height of the shoe counter, whereby when the two hooks are hooked over the counters of the shoes of a pair said shoes will be hung toes downward with the heel and soles resting against the wall and will be supported partly by the wall and partly by the hanger.

1,568,331. BLOWPIPE. JOHN HARRIS, Cleveland, Ohio. Filed Jan. 27, 1923. Serial No. 615,189. 7 Claims. (Cl. 158—27.4.)



1. A blowpipe comprising a head, a tip carried by said head and comprising an inner member having a central passage for cutting oxygen and provided intermediate its ends with an enlargement having passages for preheating oxygen and a combustible gas, and an outer member surrounding the inner member and engaging the enlargement thereof, the engaging portion of the inner member being provided with recesses in the exterior thereof, and the surrounding portion of the outer member being pressed inwardly into such recesses to form integral locking lugs, and means for supplying cutting oxygen from said head through the first mentioned passage and a mixture of preheating oxygen and combustible gas through the passages therefor in said enlargement.

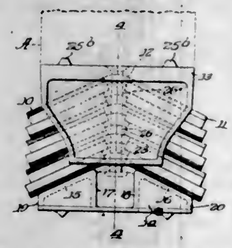
1,568,332. BLOWPIPE. JOHN HARRIS, Cleveland, Ohio. Filed Jan. 27, 1923. Serial No. 615,190. 4 Claims. (Cl. 158—27.4.)



3. In a blow pipe, the combination of a head, a valve block, tubes connecting the said head and valve block for conducting cutting and preheating oxygen and a combustible gas from the block to the head, and a handle casing mounted upon and projecting forwardly from the valve block, the front end of said casing being formed into a pair of opposed resilient walls each having seats formed therein for said tubes and yieldingly engaging the latter.

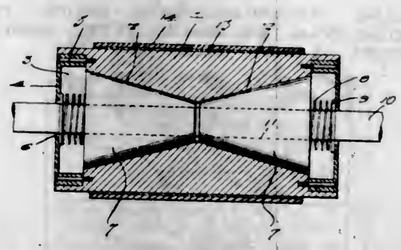
1,568,333. BOLSTER CUSHION. GEORGE L. HARVEY, deceased, late of Chicago, Ill., by Helen A. Harvey and Kellogg Fairbank, executors, Chicago, Ill. Filed May 17, 1924. Serial No. 714,034. 2 Claims. (Cl. (267—36.)

1. In a device of the class described, the combination of a pair of opposed members each having surfaces disposed at an obtuse angle, the surfaces being convex on one member and concave on the other member, angular spring plates between said members, said plates being notched at the angle, one of said members having de-



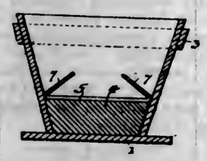
pending side wings, and inside webs for bracing said wings, said webs being accommodated in the notches in the plates.

1,568,334. MECHANICAL CUSHION ROLL FOR SPINNING FRAMES. WILLIAM J. HUBBARD, Yarmouth, Nova Scotia, Canada. Filed June 11, 1925. Serial No. 36,407. 2 Claims. (Cl. 19—141.)



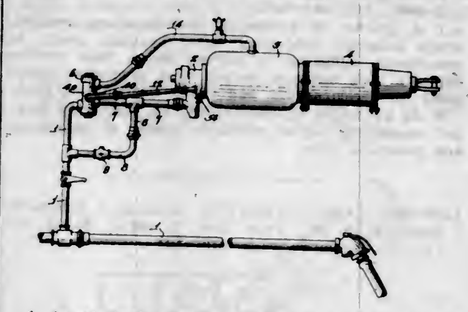
1. A drawing roll of the class described including a body, a covering on the body, a pair of cone journals in the body, and resilient means for urging the cone bearings toward the center of the body, said bearings adapted to be slidably received on a shaft.

1,568,335. MOLD FOR THE MANUFACTURE OF CEMENT BLOCKS. OTTIS L. HUSBAND, Thurman, Iowa. Filed Jan. 26, 1925. Serial No. 4,820. 1 Claim. (Cl. 25—121.)



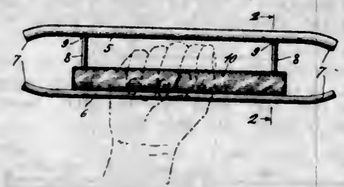
In a mold of the class described, a rectangular base plate, side and end walls mounted thereon in spaced relation from the side and end edges of said base plate, said walls tapering smaller toward their lower ends and inclined outwardly toward their upper ends, the vertical plane of the upper ends of said walls being beyond the vertical plane of the side and end edges of said base plate, a securing band applied to the outer faces of said walls adjacent their upper ends, and a transverse block mounted centrally on said base plate having its ends beveled coincident to and abutting the inner faces of opposed end walls, said block being of a thickness equal to approximately one-third the distance between the lower ends of the side walls, as and for the purposes described.

1,568,336. AIR-BRAKE SYSTEM. THOMAS JAMES, Jr., Philadelphia, Pa. Filed Mar. 20, 1924. Serial No. 702,841. 13 Claims. (Cl. 303—78.)



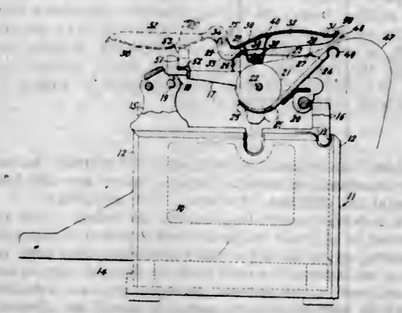
1. An air brake system comprising a retaining valve adapted to control the exhaust pressure outlet from the brake system, a train pipe, and a connection between the train pipe and the retaining valve adapted to close said exhaust outlet when charging the system.

1,568,337. BRICKLAYER'S JOINTER. BERNARD J. KAHN, Denver, Colo. Filed Aug. 3, 1925. Serial No. 47,756. 2 Claims. (Cl. 72—138.)



1. A tool for use in finishing joints in brick walls, comprising, in combination, two bars of unequal diameters connected together at points near their ends by means of two parallel rods and a handle slidably connected with each of said rods and adapted to be moved towards either one of said bars.

1,568,338. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 2, 1923. Serial No. 672,262. 16 Claims. (Cl. 197—180.)



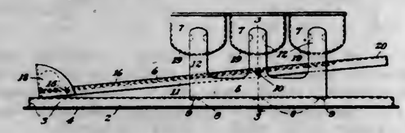
1. In a typewriting machine, a platen, a platen-carriage, a sound-deadening canopy on the platen-carriage over the platen and partly supported thereon and holding the work-sheet to the top thereof, and means for pivotally securing the canopy at the forward portion thereof to the carriage.

1,568,339. ALIMENTARY PRODUCT AND PROCESS OF MAKING SAME. JESSE H. LEETWICH, Chicago, Ill. Filed Oct. 31, 1923. Serial No. 671,880. 9 Claims. (Cl. 99—11.)

1. A process of producing an alimentary product, which comprises subjecting water hyacinth plants to compression sufficient to express water, then further reducing their moisture content to a proportion inadequate for decomposition, and finally comminuting them.

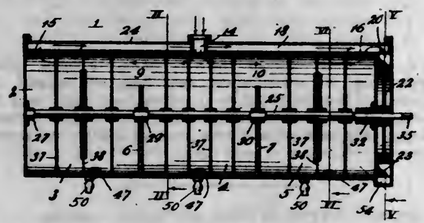
5. As an article of manufacture, an alimentary product comprising water hyacinth plants in compacted and desiccated form.

1,568,340. GAME APPARATUS. PATRICK J. MCGRATH, Brooklyn, N. Y. Filed May 3, 1924. Serial No. 710,717. 4 Claims. (Cl. 273—101.)



1. A game apparatus embodying ball throwing means, including a ball-throwing lever having a longitudinal groove and a ball socket and ball receiving means effective for automatically returning the ball to the ball throwing means after a throw and which receiving means include a receptacle having an elongated bottom opening alined to and communicating with the groove of said lever.

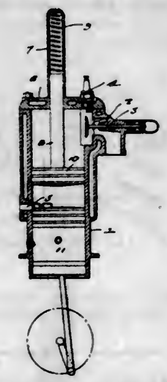
1,568,341. CARBURETOR. THOMAS W. L. MCGUIRE, Kansas City, Mo. Filed July 18, 1917. Serial No. 181,260. 1 Claim. (Cl. 261—92.)



In a carburetor, a liquid fuel mixing chamber having an air space, rotary elements mounted in said mixing chamber to carry a portion of the fuel upwardly into the air space at each revolution to produce a fuel mixture, a duct leading from said mixing chamber, partitions dividing the mixing chamber in said carburetor into compartments, a supply chamber, and partitions dividing said supply chamber into compartments which communicate with the mixing chamber compartments to supply the same with different kinds of fuel.

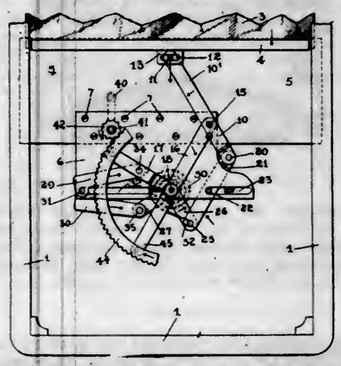
1,568,342. INTERNAL-COMBUSTION ENGINE. ARTHUR D. MACFARLANE, Seattle, Wash. Filed Apr. 28, 1924. Serial No. 709,578. 1 Claim. (Cl. 123—66.)

An internal combustion engine including a cylinder provided at one end in its side wall with a transversely extending recess having a valve controlled inlet port, and at a point between its ends with an exhaust port, a head on said end of the cylinder provided with an outwardly extending hollow guide, a piston mounted for movement in the cylinder and adapted to cover and uncover the exhaust port, a displacer piston mounted in the cylinder at the end adjacent the head and adapted to move across the intake port in a path of movement which terminates short of the exhaust port, a stem extending from the displacer piston into the hollow guide, a spring impinging against the outer end of the hollow guide and the end of the stem, and a mixture ignition means disposed



through the head and extending into the recess to function between the intake port and the path of movement of the displacer piston.

1,568,343. WINDOW-REGULATING DEVICE. DORR MILLER, Toledo, Ohio. Filed Apr. 11, 1923. Serial No. 631,275. 11 Claims. (Cl. 268—4.)



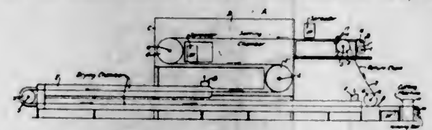
1. In a window regulator, in combination with a window member to be operated, articulated operating connections therefor comprising angularly disposed operating levers, movable fulcrum means to control the movement of said levers in symmetrical angular relation to a fixed plane for transmitting a rectilinear motion to the operated member, resilient means suitably connected to the operating connections to counterbalance the weight of the parts and means adapted for manually manipulating the operating connections.

1,568,344. APPARATUS FOR MAKING PHOTOGRAPHIC FILMS. CLARENCE S. MOODY and WILLIAM OEPTS, St. Louis, Mo., assignors to Harry L. Griesedieck, St. Louis, Mo. Filed July 11, 1924. Serial No. 725,492. 10 Claims. (Cl. 91—69.)

1. In an apparatus for making photographic film, means whereby motion is imparted to a strip of base material, means whereby a coating of emulsion is applied to one surface of the moving strip of base material, a setting chamber through which said coated strip of base material passes, means whereby a coating of emulsion is applied to the other surface of said moving strip of base material, and a drying chamber through which said strip of material passes to dry said coatings of emulsion.

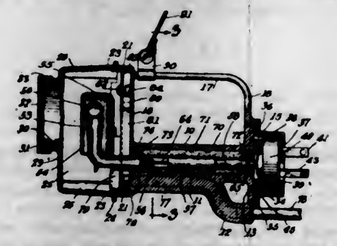
8. In an apparatus for making photographic film, flexible traveling means provided with gripping jaws adapted

to grip a strip of base material, whereby said strip of base material is caused to travel with said traveling means, means associated with said traveling means whereby said strip of base material is drawn taut in lateral direction, means whereby said strip of base ma-



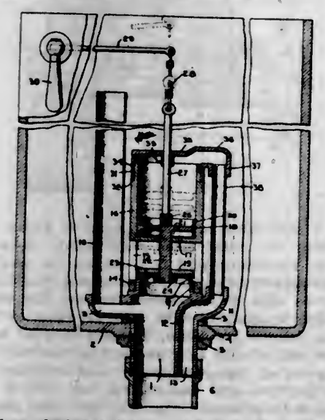
terial gripped by said flexible traveling means is drawn taut in longitudinal direction, said means comprising feed rolls arranged to rotate at a rate of speed which is relatively lower than the rate of speed at which said flexible means travels, and means for applying a coating to said strip while it is so held in the taut condition.

1,568,345. THERAPEUTICAL LAMP. FREDERIC W. ROBINSON and KENNETH V. KNAPP, Newark, N. J., assignors to Hanovia Chemical and Mfg. Co., Newark, N. J., a Corporation of New Jersey. Filed Feb. 1, 1924. Serial No. 689,859. 8 Claims. (Cl. 176—42.)



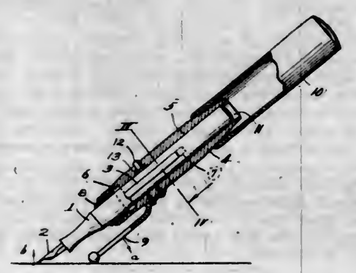
2. A vacuum chamber for an electric arc lamp comprising a hollow transparent body composed of quartz glass and having lobes, said lobes being bent at points uniform in their length to extend at right angles in spaced parallel relation as tubes, said lobes being partially filled with mercury, bar conductors in each tube in contact with the mercury therein and means in said tubes for centering said conductors remote from the sealing point.

1,568,346. SLOW-CLOSING VALVE MECHANISM FOR FLUID-CONTAINING TANKS. THOMAS W. RYAN, Concord Junction, Mass. Filed Oct. 18, 1924. Serial No. 744,353. 9 Claims. (Cl. 4—62.)



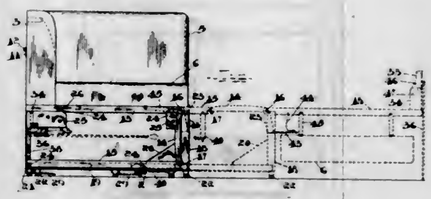
2. A slow closing valve construction for a liquid-containing tank comprising an outlet conduit having a valve seat, a co-operating valve tending normally to engage said valve seat, means for withdrawing said valve from the seat, means operable by the water flowing through said outlet to produce a partial vacuum and means operable thereby to exert a gradual retarding action upon the closing movement of said valve.

1,568,347. HOLDER FOR GRAPHIC INSTRUMENTS. ERNEST SHAW, Rosette, Utah. Filed Feb. 16, 1925. Serial No. 9,450. 5 Claims. (Cl. 120—9.)



1. A holder, a guide on said holder, a graphic instrument freely sliding in said holder, means for preventing the rotation and limiting the sliding movement of said instrument in one direction, and adjustable means for limiting the sliding movement of the instrument in the other direction.

1,568,348. FOLDING BED. FREDERICK L. H. SIMS, Toronto, Ontario, Canada. Filed Dec. 8, 1921. Serial No. 520,986. 14 Claims. (Cl. 5—31.)



1. In a folding bed, the combination of a housing and a truck slidable relative to the housing; a mattress frame pivotally connected intermediate of its ends to the forward part of the truck and formed in three sections hinged to one another; projections on the inner mattress frame section; and supports on the rearward part of the housing adapted to support the inner section of the mattress frame when the bed is extended and the truck pushed in to bring the projections over the supports.

5. In a folding bed, a sectional mattress frame having its sides formed substantially of T angle bars similarly arranged in each section, the flanges of the sides of the sections being pivoted together by pivots positioned in alinement with the stems of the T's, the stem of the side of one section at each joint being cut away to clear the adjacent pivot and the stem of the side of the adjacent section extending past the axis of the pivot to substantially contact with the first mentioned stem when the sections are in alinement.

13. In a folding bed, the combination of a housing provided with fixed ends; a truck slidable into and out of the housing; a seat supported on the truck and extending above the fixed ends when the truck is positioned

within the housing; movable end members for the housing; and hinged connections for said movable end members proportioned to enable each of the movable end members to be swung to lie with either of two adjacent sides parallel to the top of the corresponding fixed end member and the other of said sides pressed against the end of the seat.

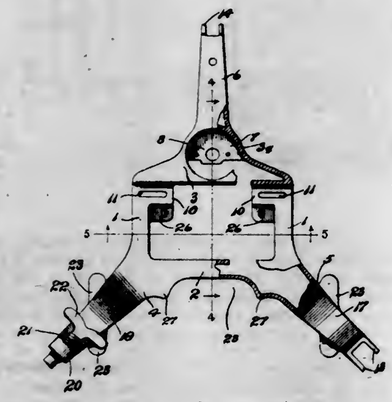
1,568,349. PROCESS OF OBTAINING ABSOLUTE PROPYL ALCOHOL. JOHN A. STEFFENS, Baltimore, Md., assignor to U. S. Industrial Alcohol Co., a Corporation of West Virginia. Filed Apr. 5, 1921. Serial No. 458,835. 11 Claims. (Cl. 260—156.)

1. The process of obtaining absolute propyl alcohol from aqueous propyl alcohol, which consists in adding a third liquid thereto, miscible with the alcohol but substantially immiscible with water; distilling the mixture to evolve a ternary constant boiling mixture and leave absolute propyl alcohol as a residue; returning to the top of the rectifier a portion of the evolved distillate as a reflux; condensing the remainder of the distillate and allowing it to separate into two layers; returning to the first named liquid undergoing distillation the layer richer in said third liquid; rectifying the alcoholic layer and returning to said first named liquid the rectified alcohol.

1,568,350. PAINT. DAVID TAYLOR, Denver, Colo. Filed Oct. 6, 1924. Serial No. 742,066. 1 Claim. (Cl. 134—39.)

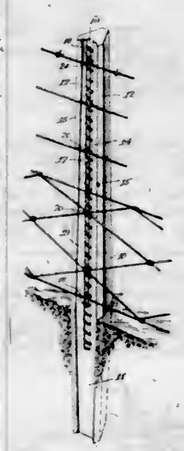
A paint, comprising, in combination, linseed oil, a lead compound, asbestos powder, Portland cement, zinc and chill room paint.

1,568,351. TIRE CARRIER. HUSTON TAYLOR, Detroit, Mich., assignor to Brennan-Taylor Corporation, Detroit, Mich., a Corporation of Michigan. Filed June 14, 1922. Serial No. 568,112. 3 Claims. (Cl. 224—29.)



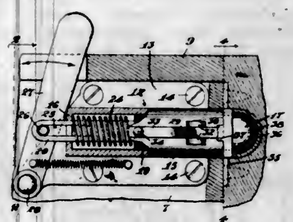
1. A device of the class described, comprising a central member, a plurality of arms extending therefrom in different directions, one of said arms having an inwardly bent portion terminating in an outwardly projecting end, a screw member threaded through said end to engage with a tire rim, a handle on the inner end of the screw member operable in the recess made by said inwardly bent portion of the arm, and means on the outer ends of the other arms to engage with the tire rim, substantially as described.

1,568,352. CONCRETE POST. RICHARD TOENNES, Boonville, Mo. Filed Jan. 2, 1925. Serial No. 203. 2 Claims. (Cl. 256—51.)



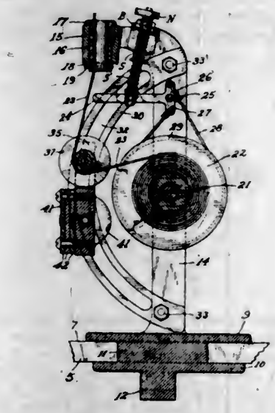
2. A concrete post of triangular cross-section having a wire helix partially embedded therein, the outer sides of the coils of said helix being projected centrally from the front-flat-face of the post, ridges projecting along both sides of said front-face the extreme outer edges of which lie substantially in alinement with the outer sides of the coils, and a lock-rod for engaging between the outer sides of the coils and the fence-wires.

1,568,353. AUTOMOBILE DOOR LATCH. ROLAND L. TULLIS, Monrovia, Calif. Filed July 9, 1923. Serial No. 650,309. 7 Claims. (Cl. 293—335.)



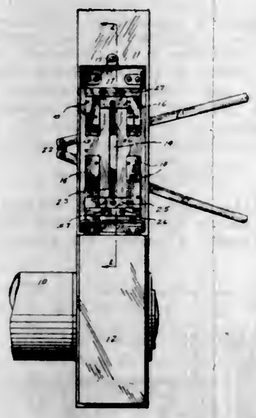
1. In a door latch, a bolt, a casing in which said bolt is mounted for rotary and longitudinal movement, a spring for advancing said belt, means for manually retracting said bolt in opposition to said spring, an annular shoulder on said bolt, a spring pressed dog carried by said casing engageable with said shoulder to hold the bolt in a retracted position, a socket adapted to receive the outer end of said bolt, and means operable to throw said dog out of engagement with said shoulder on moving the bolt laterally whereby the bolt will be released and caused to advance to position its outer end in said socket when the bolt reaches a position in alignment with said socket.

1,568,354. CARRIER FOR BRAIDING MACHINES. COBURN F. VALLEY, Cuyahoga Falls, Ohio, assignor to Lloyd E. Ellsworth, Cuyahoga Falls, Ohio. Filed May 18, 1925. Serial No. 30,934. 12 Claims. (Cl. 96—13.)



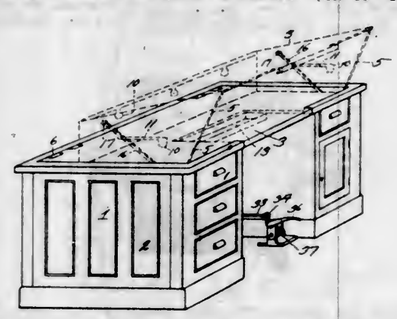
1. A spool carrier comprising a base, a frame, a spool carried by the frame, a brake for the spool, and an automatic tension regulating device movable in a curved path about said spool and adapted to actuate the brake at a predetermined point along said path.

1,568,355. BELT-ADJUSTING APPARATUS FOR GRAIN ELEVATORS. ARTHUR C. VAN HOUWELING, Pella, Iowa, assignor to Garden City Feeder Company, Pella, Iowa, a Corporation of Iowa. Filed Jan. 5, 1924. Serial No. 684,603. 2 Claims. (Cl. 254—52.)



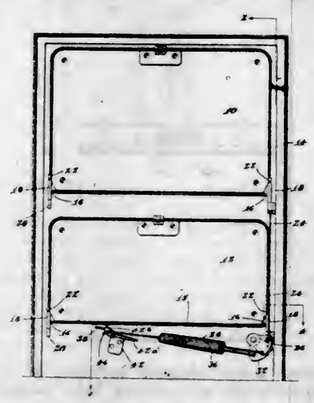
1. A device of the class described comprising elevator legs formed with a door opening on one side and longitudinal slot on the opposite side adjacent to the door, an elevator belt extended through the leg, clamps designed to be detachably secured to the end portions of the belt, rods extended through said slot and detachably connected to the said clamps and two levers pivotally connected to each other and pivotally connected to said rods on the exterior of the elevator leg, for the purposes stated.

1,568,356. PROTECTIVE DEVICE FOR DESKS. ANTHONY VUMBACA, South Bend, Ind. Filed Mar. 30, 1925. Serial No. 19,285. 8 Claims. (Cl. 89—36.)



1. The combination with a desk, of a protecting shield therefor, said shield having hingedly connected thereto at its forward end a protecting wall, said wall being hingedly connected to the desk, said wall, when the shield is in inoperative position being disposed below the shield.

1,568,357. COUNTERPOISE FOR STOVE DOORS. ARTHUR W. WALKER, Malden, Mass. Filed Apr. 28, 1925. Serial No. 25,316. 1 Claim. (Cl. 126—191.)

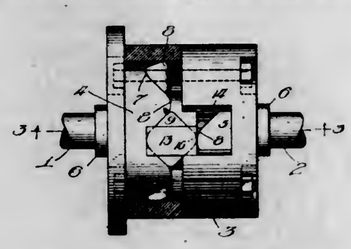


In a cooking range having a plurality of doors, one below the other, each on a horizontal hinge, the combination, with said doors, of an arm on each door swinging with the door; a stud on a stationary part of the range, below the lower door forming a journal; a plurality of bell cranks mounted on said stud, one for each said arm; linkage connecting each bell crank with its arm; a bracket stationarily mounted at a distance from the bell crank, below the lower door; and a plurality of spiral springs, all anchored to said bracket and each connected to one of said bell cranks and adapted to counterpoise one of the doors.

1,568,358. DIFFERENTIAL DRIVE MECHANISM. GEORGE I. WELSH, Dixon, Ill. Filed Dec. 4, 1924. Serial No. 753,829. 7 Claims. (Cl. 74—7.)

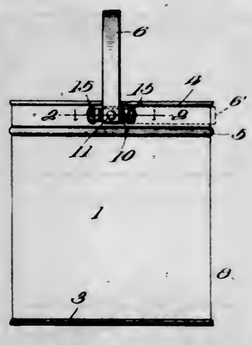
1. A differential mechanism comprising two similar members each having radial valleys alternating with radial elevations on the face directed toward the other member, the sides of the valleys and elevations being sloping and the tops of the elevations being flattened, two dogs each shaped on one side to fit a valley in one

member and on the opposite side to fit a valley in the other member, said members being so spaced relatively to each other that when one of the dogs lies in the valley of one it rests against the top of an elevation on the other, the dogs being so disposed that when one lies in a



valley in one member the other lies in a valley on the other member, and a driving element for rotating said members, said driving element being interlocked with said dog so as to permit the dogs to move relative thereto in the axial direction and also to a limited extent in the circumferential direction.

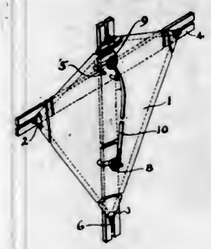
1,568,359. SHEET-METAL CONTAINER. FREDERICK M. ASSMANN, East Orange, N. J., assignor to Continental Can Company, Inc., New York, N. Y., a Corporation of New York. Filed Nov. 15, 1924. Serial No. 750,113. 2 Claims. (Cl. 220—91.)



1. A sheet metal container including a cylindrical body portion having a projecting bead formed therein a slight distance below the upper end of the container, a flat sheet metal bail which is semi-circular and of substantially the same radius as the outer wall of the container body, said bail having a perforation at each end thereof, an ear having an offset central portion and a perforation therein, corresponding to the perforation at the end of the bail, a headed rivet for joining the end of the bail to said offset portion of the ear, said ear being soldered to the body portion of the container, said bail when folded down into the plane of the top of the container and its supporting ears and rivets being substantially coincident with the periphery of the bead whereby said container can be rolled when applying a label thereto.

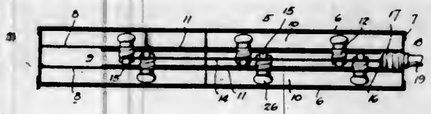
1,568,360. KITE. GEORGE W. AYLING, Springfield, Ill. Filed Mar. 19, 1925. Serial No. 16,812. 7 Claims. (Cl. 244—12.)

3. In a two stick folding bow kite of the character described having an upright and a cross frame member supporting a body member a clinch loop staple secured to and encompassing the upright and longer frame member and slidably engaging the shorter and cross frame member; means for detachably securing the body member at predetermined points in the periphery thereof normally registering with corresponding ends of said string normally secured by both ends to the upright frame member in spaced positions thereon; said belly band string adapted to extend through a round aperture in the body member of the kite in two locations each registering over the position of the belly band string's respec-



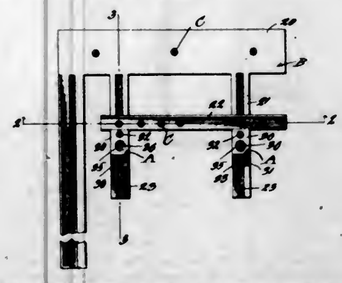
tive attachments to said frame member; circular gummed washer reinforcing units of material tougher than the body member secured to said body member in positions to respectively encircle said apertures in the body member closely; said reinforcements adapted to substantially protect the body member from tearing where the belly band string passes through the same in normally holding the kite in flight.

1,568,361. STOP AND DIRECTION INDICATOR. ELIZABETH LOUISE BLANCHFIELD, San Pedro, Calif. Filed Sept. 20, 1924. Serial No. 738,888. 1 Claim. (Cl. 177—329.)



As a new article of manufacture, a direction and stop signal comprising a receptacle having transparent portions, metallic partitions in said receptacle, sockets carried by said partitions, a shell directly engaged with said partitions, and a feed wire operatively connected with the shell and with all of said sockets, the shell adapted to receive the plug connection of a circuit and the said sockets adapted to receive incandescent lamps.

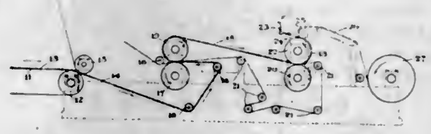
1,568,362. BALL BEARING FOR SHEAR TABLES. GLENNE W. BROWN, Hobart, Ind. Filed Mar. 16, 1925. Serial No. 16,038. 5 Claims. (Cl. 164—78.)



1. The combination with steel sheet cutting shears including a table top, gage horns and a gage bar, of means for facilitating the moving of sheet metal packs over the gage bar onto the top including blocks connected

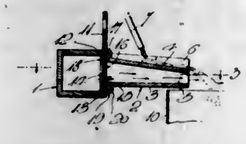
with the gage horns in abutting relation to the gage bar, the blocks having inclined leading edges, and ball bearings incorporated with the body portions of the blocks and with the inclined leading edges thereof.

1,568,363. PAPER-MAKING MACHINE. JOSEPH M. CATHCART, Merriton, Ontario, Canada, assignor of one-half to Edwin S. Crabtree, Montreal, Quebec, Canada. Filed May 1, 1924. Serial No. 710,377. 1 Claim. (Cl. 92—49.)



In a paper making machine, an endless travelling wire, a suction roll around which the wire travels, a couch roll, a primary press, a secondary press, a primary felt between the couch roll and the primary press, said felt being adapted to contact with the wire at the couch roll and pick up the paper directly therefrom, means for guiding the primary felt, a secondary felt between the primary and secondary presses adapted to contact with the primary felt at the primary press and pick up the paper sheet directly from the primary press, means for guiding the secondary felt between the primary and secondary presses, means situated at the secondary press for crêping the paper, a drying roll, and an endless conveyor positioned between the crêping means and the drying roll to support the paper in its passage between them.

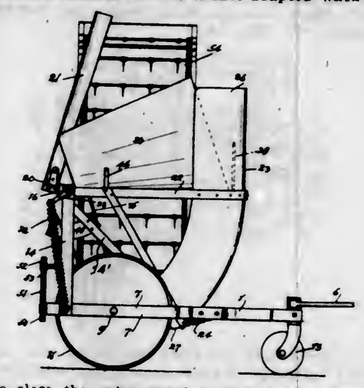
1,568,364. EVAPORATOR. JOHN F. CLINGINSMITH, New Castle, Pa. Filed Apr. 9, 1925. Serial No. 21,908. 2 Claims. (Cl. 83—91.)



1. A device of the class described comprising a main fluid conducting pipe having a lateral fluid discharge branch, the latter being provided with an outwardly declined top having upstanding longitudinal flanges coextensive in length with the discharge branch, said top and flanges jointly forming a flat bottomed trough adapted to discharge a substance across the outer end of the branch to be acted upon by the discharged fluid and means for supplying the substance to be treated to said trough.

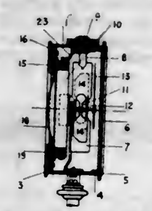
1,568,365. SHOCKING MACHINE. WILLIAM JAMES COCKBURN, Superb, Saskatchewan, Canada. Filed Apr. 15, 1922. Serial No. 553,068. 11 Claims. (Cl. 56—419.)

1. In a shocking machine, a rearwardly pivoted sheaf receiving and shock forming basket having a sheaf entry opening in the top thereof, spring means normally maintaining the basket in sheaf receiving position, a normally open closure member for the basket adapted when actu-



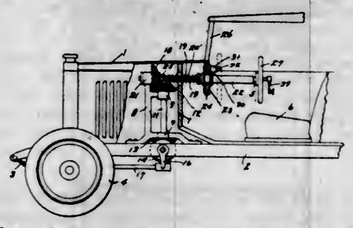
ated to close the entry opening of the basket and subsequently rotate the basket to shock absorbing position and means for driving the closure member.

1,568,366. TESTING TOOL FOR INSULATION. MARIO DE MICHELI, Genoa, Italy. Filed June 21, 1924. Serial No. 721,528. 3 Claims. (Cl. 175—183.)



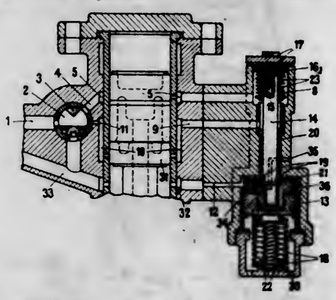
1. An electrostatic tool for testing insulating material comprising a casing, a rotatable ring in the casing, means for rotating said ring from the exterior of said casing, stationary brushes of textile material bearing against said ring, a metallic member in the casing, means for transmitting static electricity from the ring to said member, an element connected to said means and adapted to be contacted with the insulating material to be tested, an oscillating lever associated with said member and including a plurality of contact surfaces adapted to normally bear against said member, a pointer rotatable with the lever, and a scale cooperating with said pointer.

1,568,367. STEERING POST FOR AUTOMOBILES. GUY R. DERA, Santa Margarita, Calif. Filed Apr. 4, 1925. Serial No. 20,809. 3 Claims. (Cl. 70—129.)



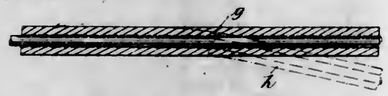
1. Means for operating a steering knuckle tie bar of a motor vehicle comprising an extensible steering post with a steering wheel secured thereto and operative connections from the steering post to the knuckle, and means for locking said post in minimum extension with the wheel free for non-operative rotation.

1,568,368. VALVE MECHANISM FOR COMPRESSED-AIR BRAKES. IVAR DROLSHAMMER, Drammen, Norway. Filed Nov. 7, 1924. Serial No. 748,493. 7 Claims. (Cl. 303—54.)



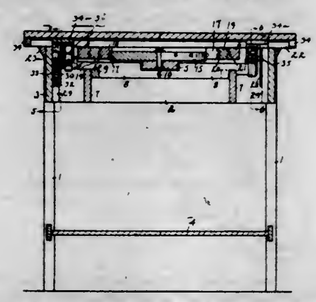
1. In compressed air brake mechanism the combination of a train pipe, a brake cylinder, an auxiliary reservoir, a brake main valve controlling the flow of air to the brake cylinder and a supplementary valve operated by the air pressure in the brake cylinder and a series of ports controlled by said supplementary valve whereby the rate of charging the brake cylinder is varied in the course of the charging operation.

1,568,369. PRODUCTION OF METAL TUBING AND OF TUBULAR METAL ARTICLES OR INSTRUMENTS. SAMUEL JAMES EVERETT, Thornton Heath, England. Filed Oct. 20, 1923. Serial No. 669,786. 5 Claims. (Cl. 29—188.)



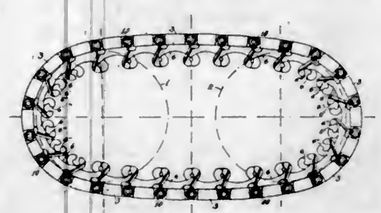
1. The production of a lined steel tube of small gauge consisting in the reduction to small gauge of a composite billet comprising an outer steel tube, an inner tube of noncorrodible metal, a core of metal capable of extreme elongation and retention of tensile strength, and a uniting medium between said outer and inner tubes, subjecting said tubes and core to a heat treatment, severing a length of the finished tube but not the core and removing said length of tube from the core by a pulling operation which extends said core, substantially as set forth.

1,568,370. EXTENSION TABLE. MILTON H. FAHRNEY, Culver City, Calif., assignor to Marjorie Alexandria Fahrney, Culver City, Calif. Filed Feb. 20, 1924. Serial No. 693,983. 5 Claims. (Cl. 45—9.)



1. A table comprising a rigid frame having supporting legs, a top mounted on said frame medially thereof and vertically adjustable relative to said frame, extension leaves fixed against vertical movement relative to said frame and horizontally slidable relative thereto for retraction beneath said top or withdrawal beyond the respective sides thereof, an operating connection causing retraction or projection of both of said leaves by manipulation of one of the same, and operating mechanism having a control device adjacent one of said leaves, said operating mechanism engaging said top so as to depress the same upon the leaves retracted therebeneath and arranged whereby continued movement of said operating mechanism in the same direction will successively elevate said top from binding engagement on said retracted leaves to permit withdrawal thereof, and depress said top into the space between the extended leaves.

1,568,371. ENDLESS TRACTION TREAD. JOSE D. FESTARY, Santiago de Cuba, Cuba. Filed Jan. 19, 1925. Serial No. 3,517. 2 Claims. (Cl. 305—10.)



2. An endless traction belt link comprising a tread plate, pivoting lugs in the plane of, and on, the plate and pivotally connecting it to adjacent links in a belt, inwardly projecting spaced ribs on the inner face of the plate, the adjacent end portions of the ribs being parallel, and the spacing between one pair of ends being less than that of the other, and offset lugs on the ends of each rib for cooperating with lugs on adjacent links in a traction belt, the offset lugs at the one ends being parallel, and the offset lugs at the other ends being at right angles and inwardly projecting relatively to the planes of the rib portions to which they are respectively attached, the lugs parallel to their rib portions being on the ends which are less widely spaced from each other.

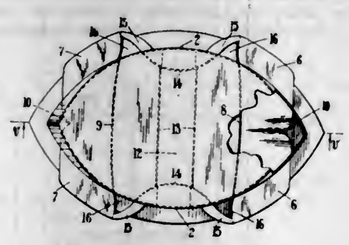
1,568,372. HAND TOOL FOR FORMING BIT WINGS. MALCOLM T. FLANAGAN, Spokane, Wash. Filed Dec. 3, 1924. Serial No. 753,686. 4 Claims. (Cl. 145—24.)



1. A hand tool for forming bit wings on the swelled end of a hot drill steel, comprising, a tool body having an elongated bill provided with V-shaped cutting ends having a downwardly extending beak-like apex, the upper face of said bill being V-shaped rearwardly from said cutting ends for a portion of the length of said bill, the lower face of said bill being substantially flat and converging on curved lines from its lateral sides toward and also curving downwardly and merging into said apex, the side portions adjacent said V-shaped cutting ends being substantially flat and extending backwardly from said cutting ends and merging into said sides and bottom of said bill.

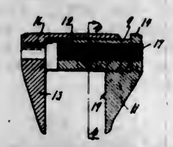
1,568,373. VENTILATOR OF THE EJECTOR TYPE. ERNEST LEONARD FORD, Darlington, England. Filed Oct. 25, 1924. Serial No. 745,915. 10 Claims. (Cl. 98—22.)

1. A ventilator of the ejector type comprising a chamber which consists of a base having a transversely arranged opening at the center of its length, a top, and a pair of forward and rearward converging side walls hav-



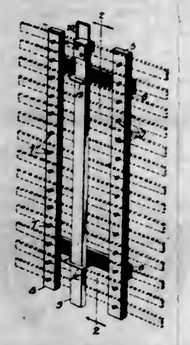
ing openings located in opposed pairs near the ends of the chamber, and plates forming exterior deflectors on the side walls of said chamber adjacent to said side openings.

1,568,374. CLAMP FOR WINDOW LOCKS. ALEXANDER T. GIBSON, Oakland, Calif. Filed June 20, 1923. Serial No. 646,670. 3 Claims. (Cl. 292—256.)



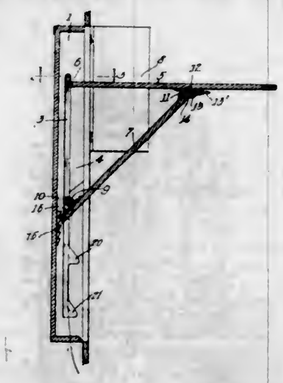
1. A clamp of the character described, comprising an elongated seat having a flat bottom, a lip extending from one end thereof at right angles to the bottom, and being of uniform cross-section except for the lip and formed with an axial threaded bore, a shoe adapted to ride on the seat and formed to completely encircle the top and the sides thereof cross-sectionally, a lip extending from one end of the shoe in juxtaposition to the lip of the shoe, and a bolt adapted to be guided through a perforation in the shoe into threaded engagement with the seat for tightening the lips upon an object.

1,568,375. LATH RACK OR HOLDER. EUGENE GILLETT, Long Beach, Calif. Filed Apr. 29, 1925. Serial No. 26,746. 12 Claims. (Cl. 72—128.)



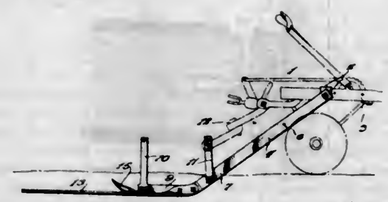
1. A lath rack comprising an oblong frame having projecting pegs spaced along longitudinal members thereof, a lock-bar securable on the rack intermediate said members in spaced relation therefrom and means for compressingly holding said lock-bar in place thereon.

1,568,376. IRONING BOARD. BENJAMIN F. GRANT, Los Angeles, Calif. Filed May 1, 1923. Serial No. 635,841. 4 Claims. (Cl. 68—10.)



1. A device of the character described comprising a support, a board and a brace each having a vertically movable pivotal connection with said support, a pivotal connection between said brace and board at the underside of the board and near one end of the brace, said end of the brace forming an abutment surface bearing against the underside of the board when in operative position, and a releasable connection between said brace and board for locking said members against relative swinging movement in the opposite direction.

1,568,377. WEEDER. GEORGE F. GREEN, Texico, N. Mex. Filed June 5, 1924. Serial No. 718,081. 1 Claim. (Cl. 97—170.)

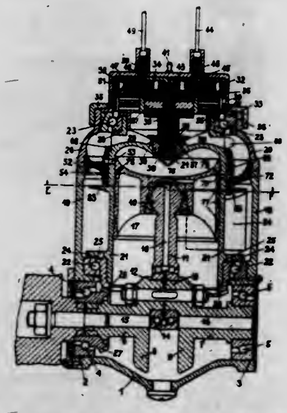


A weeder comprising similar frame bars adapted at their front ends to be pivotally secured to an agricultural implement, said bars extending downwardly and rearwardly the intermediate portions of the bars diverging laterally to clear plants, and their rear extremities being parallel and disposed horizontally to run upon the ground, an arched rigid brace connecting the rear extremities of the frame bars, upstanding arms on the frame bars at intermediate points thereof to be connected to a lifting element on the cultivator, flat blades each secured at its front end to the outer side of one of the frame bars and extending rearwardly and outwardly therefrom, and a mold board secured on each blade in rear of the respective frame bar and projecting inwardly from the blade.

1,568,378. INTERNAL-COMBUSTION ENGINE. NICOLAI GRIBOJEDOFF, Rastatt, Germany. Filed Feb. 4, 1925. Serial No. 6,886. 10 Claims. (Cl. 123—43.)

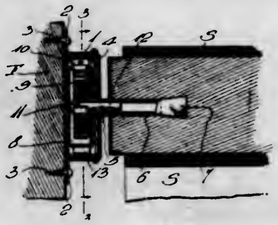
1. In an internal combustion engine, the combination of a stationary cylindrical casing, a rotary cylinder coaxially mounted in said casing, a reciprocating piston mounted in said cylinder, a crank shaft journaled in said casing, a rod connecting said crank shaft with said

piston, bevel gear wheels mounted on said crank shaft or on said cylinder respectively and meshing with each other, a casing head mounted on said casing, a cylinder head closing the upper end of said cylinder, an annular



field magnet supported by said cylinder head, and an armature supported by said casing head and coaxially disposed in said field magnet, said field magnet and said armature being centrally arranged with respect to said casing and said cylinder.

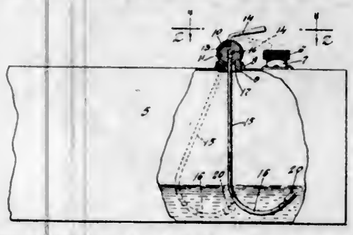
1,568,379. SHADE-ROLLER WINDING AND HOLDING DEVICE. FRANK P. HARTLEY, Bangor, Me. Filed May 19, 1924. Serial No. 714,436. 4 Claims. (Cl. 156—36.)



2. A shade roller rotating and holding device comprising a flat casing adapted to be secured to a window frame, one side of said casing having an opening and the other side of said casing being provided with a rigid inwardly projecting post concentric with said opening, a tubular shaft extending into the casing through said opening and surrounding said post rotatably, said shaft being adapted for connection with a shade roller, spring means within the casing acting on said tubular shaft and re-acting on the casing to rotate the shade roller in shade-winding direction, brake means within the casing normally holding the spring means against action, and a releasing cord for said brake means, pendant from the casing.

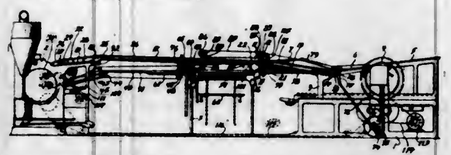
1,568,380. AUXILIARY GASOLINE-SUPPLY DEVICE. WILLIAM LEDYARD MITCHELL, Grosse Pointe Farms, Mich. Filed June 27, 1924. Serial No. 722,728. 1 Claim. (Cl. 158—46.5.)

In combination, a tank having a filler spout thereon, a member secured to said tank, a socket in said member, a movable member fitted in said socket, a passage in said movable member, a conduit in said tank having one end connected in constantly open relation with said passage and fixed to said movable member, so as to be movable therewith, a second conduit connected with said first member and open to said passage and first conduit, said first and second conduits being extended at different angles to said movable member, a handle connected with



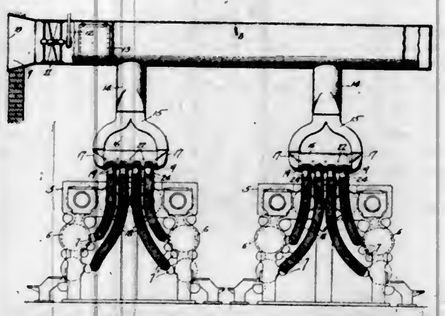
said movable member and adapted to move it on an axis concentric with the axis of said second conduit, whereby said second conduit may be kept constantly open with said passage, said handle being so fashioned that it will overlie the said filler spout when moved in one direction.

1,568,381. TANDEM ARRARGEMENT FOR PRINTING MACHINES AND THE LIKE. JACOB NIEMES and HARRY B. ENGBERSEN, Chicago, Ill.; Bertha M. Engbersen administratrix of said Harry B. Engbersen, deceased. Filed Aug. 18, 1922. Serial No. 582,825. 16 Claims. (Cl. 271—76.)



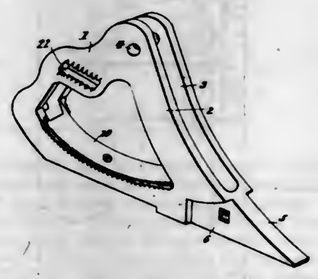
1. The combination with two spaced sheet treating machines of a sheet receiving means disposed between said machines, means for conveying sheets from one of said machines and discharging them to said sheet receiving means at an elevated point, and sheet conveying means extending over said sheet receiving means and said sheet conveying and discharging means for conveying sheets from the other of said sheet treating machines to said last mentioned sheet treating machine.

1,568,382. MEANS FOR CONDITIONING INKING ROLLS. EDWARD OTTEN, Brooklyn, N. Y. Filed Oct. 17, 1924. Serial No. 744,137. 1 Claim. (Cl. 101—349.)



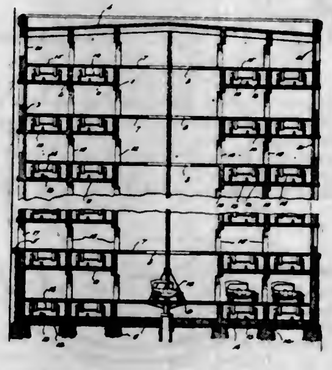
In a conditioning apparatus for the inking rolls of a printing press, an air supply pipe, a cylindrical header, connections between the opposite ends of said header and the supply pipe, the wall of said cylinder having a plurality of circumferential slots therein, independently rotatable sleeves mounted in the header and having nipples projecting through the respective slots, a series of flexible conduits respectively connected at one of their ends with said nipples and adapted to be independently adjusted to position their discharge ends adjacent to the inking rolls of the press, and means for delivering air under pressure to said supply pipe whereby air is discharged from said conduits in a plurality of streams transversely across the press contiguous to the inking rolls.

1,568,383. PLOW. JAMES F. PERRY, Cove City, N. C. Filed Apr. 17, 1922. Serial No. 553,319. 1 Claim. (Cl. 97—187.)



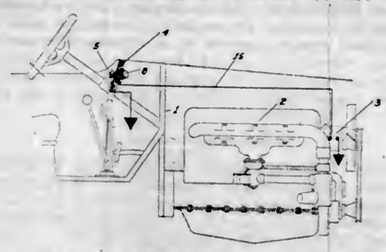
A device of the class described comprising a standard, the latter including a pair of spaced arms, a reduced portion formed at the fork of said arms, a plow share detachably supported on said reduced portion, a mold board supported on the upper faces of said arms and engaged with said plow share, and a cross bar supported against the bottom faces of said arms and fastened to said mold board for securing the latter on said standard.

1,568,384. GARAGE. WILLIAM A. PUNOS, Detroit, Mich. Filed Feb. 12, 1923. Serial No. 618,573. 6 Claims. (Cl. 214—16.)



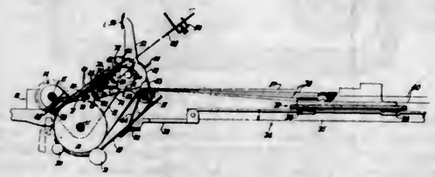
1. A garage comprising concentric walls, rotatable car platforms between said walls, the innermost walls having doorways to permit of cars being moved from one platform to another, and means movable axially of the innermost wall to facilitate placing cars on said platforms.

1,568,385. TROUBLE DETECTOR FOR GENERATORS. ARCHIBALD D. RAMSEY, Tuolumne, Calif. Filed Apr. 13, 1923. Serial No. 631,746. 8 Claims. (Cl. 177—311.)



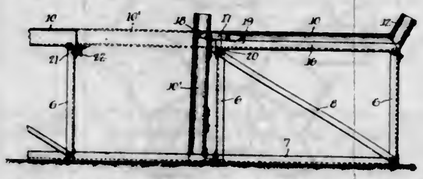
1. A high voltage warning signal comprising a tube of insulating material, a resistance coil wound about the tube, a tubular light holding fixture mounted in the insulating tube, one end of the coil being adapted for connection to a source of current, electrical connection means between the fixture and the other end of the coil, and means for enabling the fixture to be maintained in clamping engagement with a metal element.

1,568,386. TYPEWRITING MACHINE. LOUIS P. ROBITOY, Fargo, N. Dak., and CHARLES L. VELANDER, Minneapolis, Minn., assignors to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 30, 1923. Serial No. 671,643. 17 Claims. (Cl. 197—126.)



1. In a composite web typewriting machine having a displaceable platen and typing instrumentalities, a worktable at the delivery side of the platen, means operative during displacement of the platen to support the composite web and permit straightening thereof beneath the platen, a chute-plate secured at the rear of said worktable to extend beyond the end thereof contiguous to the platen, and a sheet-introductory member projecting beyond the chute-plate to receive a record-sheet inserted between said platen and said sheet-introductory member and guide said record-sheet over the receiving edge of said chute-plate.

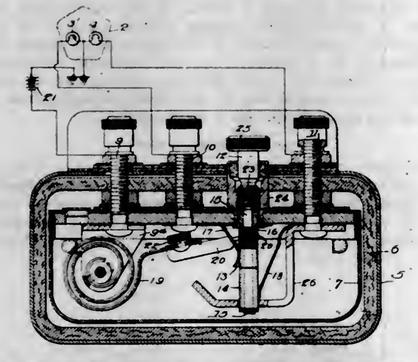
1,568,387. AUTOMOBILE ELEVATING RUNWAY. GAILARD E. WEAVER, Springfield, Ill., assignor to Weaver Manufacturing Company, Springfield, Ill., a Corporation of Illinois. Filed May 16, 1925. Serial No. 30,683. 1 Claim. (Cl. 254—88.)



An automobile runway of the character described, having a pair of spaced frame supports in one side thereof, fixed track rail sections mounted on said frame supports, a movable track rail section between said fixed sections of a length exceeding the height of said fixed sections, ledges on said frame supports on which the ends of said

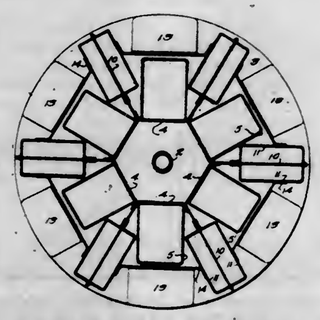
movable section normally rest in register with the ends of said fixed sections, and a link horizontally pivoted to and connecting proximate ends of said movable section and one of said fixed sections and permitting said movable section to be swung downwardly through the space between said frame supports to a substantially vertical position wherein the hinged upper end of said movable section projects above the adjacent fixed section and constitutes a stop to arrest backward movement of the automobile on the runway.

1,568,388. THERMOSTATIC SWITCH FOR TEMPERATURE INDICATORS. FREDERIK G. WHITTINGTON, Evanston, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed Apr. 20, 1922. Serial No. 555,777. 1 Claim. (Cl. 200—138.)



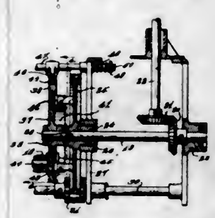
A thermostatic switch device comprising a member responsive to temperature change, a contact brush movable thereby, a plurality of contacts insulated from each other, but closely adjacent for immediately successive engagement by the brush, said brush having a further range of movement beyond one end of said contacts for completely opening the circuit, and means for adjusting said contacts together as a unit along the path of the brush together with fixed spring conductors mounted for sliding engagement with the contacts respectively for connecting them into different electric circuits and maintaining such connection throughout the range of adjustment of the contacts.

1,568,389. DISPLAY DEVICE. ROSS M. WILSON, Cleveland, Ohio. Filed Feb. 25, 1925. Serial No. 11,582. 3 Claims. (Cl. 211—21.)



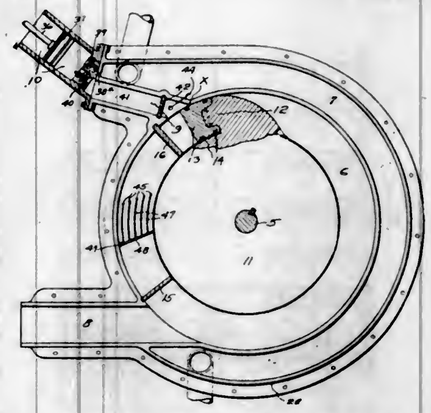
1. In a device of the character described, a supporting plate, a central column mounted on said plate, a plurality of racks secured to said column and extending radially therefrom, the horizontal cross section of said racks being substantially the same as the packages to be received, the packages being adapted to be arranged in said racks one upon the other, said racks being provided with openings at the bottom to permit removal of a single package, plates extending radially from said central column between each pair of racks, a second set of racks secured to said plates, and a cover arranged over said racks.

1,568,390. WASHING-MACHINE CLUTCH MECHANISM. OLIVER B. WOODROW, Newton, Iowa. Filed Sept. 27, 1921. Serial No. 503,642. 3 Claims. (Cl. 192—67.)



1. A shaft, a clutch member of disk formation, said clutch member having one of its faces provided with a series of tapering lugs projecting parallel with the axis of the shaft, a second clutch member of disk formation rotatively and slidably mounted on said shaft and parallel with the first said clutch member, said second clutch member being provided with a pair of semi-circular laterally extending flanges, the adjacent ends of said flanges each being provided with a lug, the lug of one of said flanges being spaced apart from the corresponding one of the opposite flange, the inner faces of said lugs being tapered to coact with the tapered faces of the lugs of the first said clutch member when the second clutch member is moved to its inward limit of movement, and means for moving said second clutch member toward and from said first clutch member.

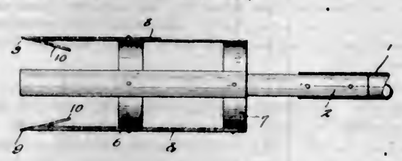
1,568,391. ROTARY INTERNAL-COMBUSTION ENGINE. WALTER T. YOUNG, Weiser, Idaho. Filed Apr. 17, 1922. Serial No. 553,346. 3 Claims. (Cl. 123—14.)



1. In a rotary internal combustion engine, the combination with an annular cylinder of a rotor and piston, the latter traveling in the cylinder, an exhaust conduit, a fixed combustion chamber projecting tangentially from the cylinder in spaced relation to the exhaust conduit, a compression cylinder at the other end of the combustion chamber, a compression piston therein, an inwardly

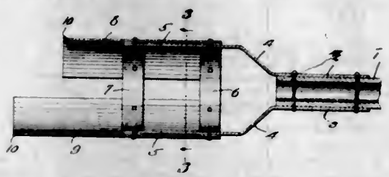
opening check valve disposed between the compression chamber and the combustion chamber, a source of fuel supply, a check valve between the source of fuel supply and the compression chamber, a laterally acting slide valve spanning the cylinder just beyond the mouth of the exhaust port, a second laterally acting slide valve spanning the cylinder just in advance of the mouth of the compression chamber, a main shaft upon which the rotor is mounted, a crank carried thereby, a pivoted lever, means for connecting one end of said pivoted lever to the crank and for connecting the other end of said pivoted lever to the piston of the compression chamber, a cam on the main shaft having a raised portion on its side face, levers pivoted intermediate their ends with their inner ends in position to be successively engaged by said raised portion of the cam, and their outer ends engaged with the laterally acting slide valve of the cylinder.

1,568,392. PIPE CLEANER. SAMUEL FRANKLIN ABERNATHY, Roanoke, Ala. Filed June 1, 1925. Serial No. 34,153. 1 Claim. (Cl. 182—29.)



In a device of the character described, supporting arms, annular bands secured to the supporting arms in spaced relation with each other, fingers secured to the bands, said fingers having substantially wide cutting ends, inwardly extended prongs secured to the fingers adjacent to the ends thereof, and a handle having connection with the supporting arms.

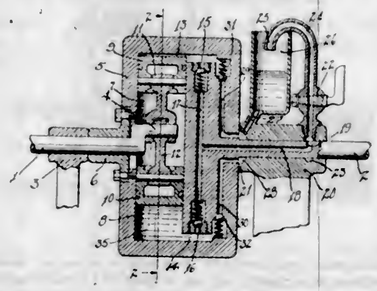
1,568,393. PIPE CLEANER. SAMUEL FRANKLIN ABERNATHY, Roanoke, Ala. Filed June 1, 1925. Serial No. 34,154. 2 Claims. (Cl. 182—29.)



1. A pipe cleaner comprising a handle member having diverging arms secured thereto, said arms merging at their front ends into parallel arms, annular bands connecting said arms in longitudinally spaced relation, and cleaning blades carried by said bands and spaced peripherally from each other, one of said blades being longer than the other.

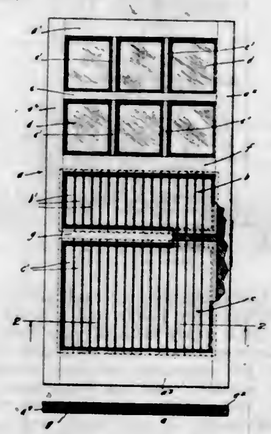
1,568,394. HYDRAULIC POWER TRANSMISSION. VICTOR ARKIN, Chicago, Ill. Filed Oct. 15, 1923. Serial No. 668,784. 1 Claim. (Cl. 192—60.)

The combination with a drive shaft and a driven shaft, of a casing carried by the driven shaft, a stationary bearing member for said driven shaft abutting the side wall of said casing, a pair of diametrically opposed cylinders disposed within said casing, a reservoir supported upon said stationary bearing, passages connecting each of the cylinders with a recess provided in the adjacent abutting end wall of the bearing, a passage extending from said recess to the reservoir, check valves disposed at the mouths of said passages where the passages communicate with the cylinders for the purpose of admitting fluid from the reservoir to the cylinders, passages communicating with said cylinders adjacent to the mouths of the first named passages and communicating with the exterior wall of the driven shaft within said bearing, said bearing having a recess on the inner wall in registration with the mouth of the passage through the shaft, a



duct having a valve therein connected with the recess of the inner wall of the bearing and communicating at its opposite end with the reservoir, and check valves for the last named passages disposed adjacent to the mouths of the passages at the cylinders for permitting the flow of fluid from the cylinders.

1,568,395. METHOD OF MANUFACTURE OF WOODEN PANEL DOORS. ALFRED F. BILES, Portland, Oreg. Filed May 19, 1924. Serial No. 714,402. 4 Claims. (Cl. 20—35.)

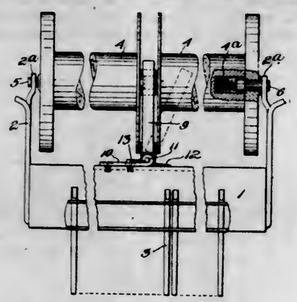


3. A wooden panel door comprising an untreated frame and a panel united thereto, said panel prior to the assembly of the door having been treated with a hot material impervious to moisture to render the entire door unaffected by moisture.

1,568,396. SUPPORTING MEANS FOR TUBE-FRAME SPOOLS. WALTER BIXBY, Boston, Mass., assignor to Shawmut Engineering Company, Boston, Mass., a Corporation of Massachusetts. Filed Mar. 7, 1923. Serial No. 623,524. 8 Claims. (Cl. 139—10.)

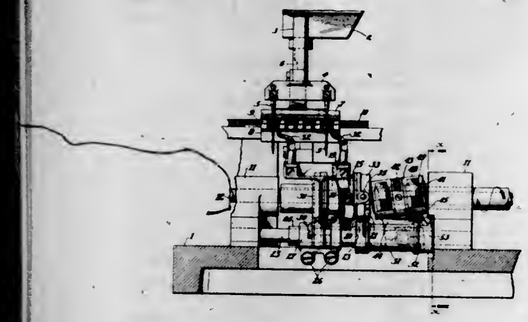
1. In a tube frame for weaving, the combination of a longitudinal tube-carrying bar, spool-supporting members secured to opposite ends of the carrier bar, a sectional yarn-spool rotatably supported at its outer ends in bearings in said supporting members, one or more intermedi-

ate spool-bearing brackets mounted on said tube-carrying bar in position to normally support adjacent ends of the spool sections, said bearing bracket being movable



out of normal position for insertion of a spool section, and a bracket-engaging spring arranged to yieldingly restore said bracket to normal operative position, substantially as described.

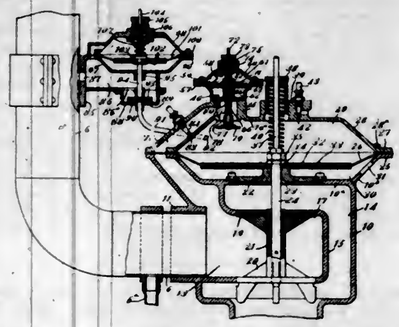
1,568,397. LOOPER-ACTUATING MECHANISM FOR SEWING MACHINES. ANDREW B. CLAYTON, Union, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Feb. 21, 1922. Serial No. 538,208. 11 Claims. (Cl. 112—200.)



1. In a sewing machine, the combination with a main-shaft, a reciprocatory needle, and a looper, of a rotary eccentric and a rotary inclined crank deriving their operative movements from said main-shaft for actuating said looper for cooperation with said needle in the formation of stitches, operating connections between the looper and said eccentric for imparting endwise stitch-forming movements to said looper, and operative connections between the inclined crank and the looper for imparting sidewise movements thereto.

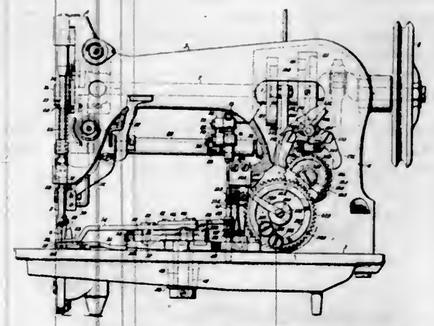
1,568,398. POWER CONTROLLER FOR PNEUMATIC-DISPATCH SYSTEMS. JAMES T. COWLEY, Syracuse, N. Y., assignor to The Lamson Company, Syracuse, N. Y., a Corporation of Massachusetts. Filed Apr. 8, 1925. Serial No. 21,720. 18 Claims. (Cl. 243—3.)

1. Pneumatic dispatch apparatus having a transmission tube, an exhauster connected therewith and a main valve for controlling the flow of air through the transmission tube, a minimum flow of air through the tube being permitted when the valve is in closed position, and a pneumatic motor for operating the main valve, said motor responding directly to slight drop in pressure in the transmission tube incident to insertion of a carrier in the tube to open the main valve, an auxiliary pneumatic responsive to pressure change in the transmission tube, means actuable by the auxiliary pneumatic for cutting off communication between the main motor and



the transmission tube when the main valve opens, and independent means operative immediately to reestablish communication between the main motor and the transmission tube.

1,568,399. FEEDING MECHANISM FOR SEWING MACHINES. ALBERT H. DE VOE, Westfield, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Oct. 14, 1922. Serial No. 594,447. 12 Claims. (Cl. 112—212.)

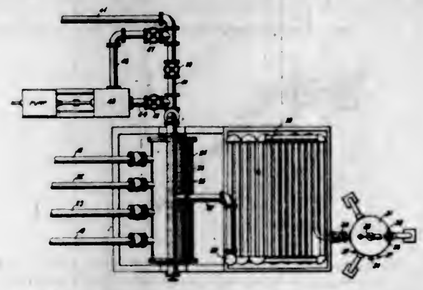


1. A four-motion upper feeding mechanism for sewing machines comprising a feed-lift rock-arm fulcrumed upon the machine frame, means for actuating said arm, a feed-bar, a yielding pivotal support for said feed-bar upon said arm, a feed-dog on said feed-bar, means for imparting work-feeding movements to said feed-bar, and a spring interposed between said arm and said feed-bar and acting by its resilience throughout the work-feeding movements of said feed-dog to yieldingly maintain the feed-dog in engagement with the work.

1,568,400. APPARATUS FOR CRACKING HYDROCARBON OILS. CARBON P. DUBBS, Wilmette, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a Corporation of South Dakota. Filed Feb. 4, 1925. Serial No. 6,782. 6 Claims. (Cl. 196—99.)

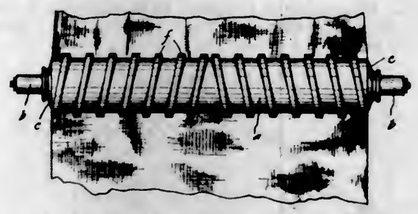
1. In an apparatus for converting oil, the combination with an elongated heating coil, of a furnace within which said coil is disposed, an enlarged reaction zone, means for passing heated oil from said heating coil to said reaction zone, a dephlegmator disposed away from said heating coil, means for passing generated vapors to said dephlegmator, means for withdrawing unvaporized oil from said reaction zone without permitting entrance

thereof to the heating coil, a conduit leading from said dephlegmator, a pump communicating with said conduit, a communication between said pump and said heating coil



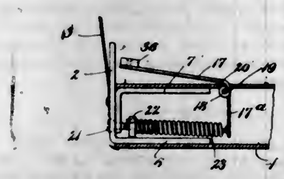
for introducing reflux oil to the coil under pressure, and means for admitting reflux oil from said dephlegmator continuously to the inlet of said heating coil in the event said pump is shunted.

1,568,401. ROLL FOR CARRYING FABRIC CONVEYER BELTS OF PAPER-MAKING MACHINES. CHARLES R. GRIFFITH, Portland, Oreg. Filed July 18, 1923. Serial No. 652,332. 3 Claims. (Cl. 92—38.)



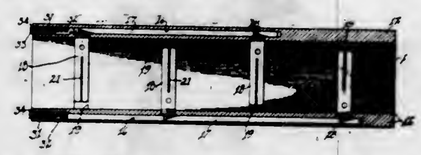
1. A felt-belt carrying roll for paper making machine, comprising an inelastic cylindrical body unaffected by certain chemicals and provided at each end with a circumferential spiral rib consisting of elastic material unaffected by said chemicals, said ribs being of substantial width and extending respectively towards the opposite ends of said roll in closely spaced turns, whereby a substantial tractive surface is provided for said belt, capable of moving the latter forward and simultaneously spreading the same, and keeping it spread, to its normal width.

1,568,402. SPOOL-RETARDING MEANS FOR TUFT FRAMES. EDGAR F. HATHAWAY, Wellesley, Mass., assignor to Shawmut Engineering Company, Boston, Mass., a Corporation of Massachusetts. Filed Jan. 29, 1923. Serial No. 615,580. 7 Claims. (Cl. 139—10.)



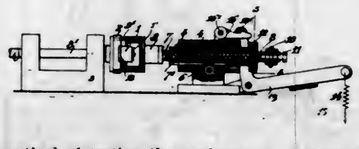
1. In a tube frame for tuft weaving, the combination with a tubular carrier bar for externally supporting a series of tuft tubes, a yarn spool rotatably supported lengthwise of said carrier-bar, a movable brake member arranged to press against a peripheral portion of said spool, a brake-actuating spring mounted inside said tubular bar and operatively combined with said brake to force the brake yieldingly against the spool, a tensioning screw projecting through an aperture formed in an enclosing wall of said carrier-bar for connection with said interior spring and acting, by its adjustment, to vary the pressure of the brake against the spool, substantially as described.

1,568,403. LOOSE-LEAF BINDER. HANS J. HOLST, Hildreth, Nebr. Filed Dec. 24, 1923. Serial No. 682,452. 5 Claims. (Cl. 129—13.)



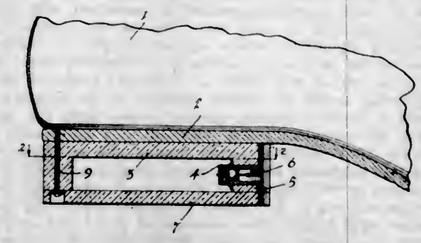
5. A loose leaf book comprising covers, loose leaves disposed between said covers, said leaves having aligned openings therein, binding posts carried by said covers and being received in the aligned openings, and means for causing said posts to engage with said leaves to secure the covers to the leaves, whereby the covers and the leaves are secured together as a unit.

1,568,404. CLOCKWORK-TESTING MACHINE. OSKAR JUNGHANS, Schramberg, Germany. Filed Aug. 7, 1924. Serial No. 730,792. 25 Claims. (Cl. 75—56.)



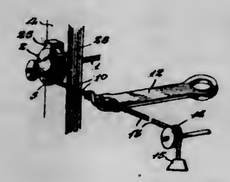
1. A method of testing the performance of clock-works to be driven by centrifugal action, preferably for use in mechanical time fuses, consisting in causing a clock-work, while its running parts are in a locked condition, to revolve as a whole, unlocking the said running parts automatically when a rotary speed corresponding to that in a flying projectile is attained and locking the same again automatically after a predetermined running period.

1,568,405. PNEUMATIC FOOTWEAR CONSTRUCTION. JOHN CHARLES KELLER, Chicago, Ill., assignor of one-half to Frank B. Smith, Chicago, Ill. Filed Aug. 30, 1924. Serial No. 735,127. 1 Claim. (Cl. 36—35.)



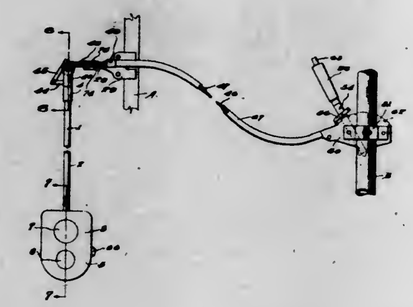
The combination with a shoe having a sole, of a hollow heel member secured to said sole, said heel member having its bottom wall constructed of a tough, vulcanized material and vulcanized to the remaining portions, the remaining wall portions being highly resilient, and a valve projected through one wall of said heel member, said valve being constructed to lie flush with the exterior surface of the adjacent wall.

1,568,406. AUTOMATIC SHEAVE. JOHN ERWIN LE BUS, Electra, Tex., assignor of one-half to Shaw and Rathke, Wichita Falls, Tex., a Corporation. Filed Sept. 30, 1924. Serial No. 740,865. 8 Claims. (Cl. 255—35.)



1. In combination, a shaft, a sheave loosely mounted on the shaft, a line wound on the sheave, means engaged and controlled by the line for clutching the sheave to the shaft, and a release for the said means operable to unclutch the sheave from the shaft when the sheave has rotated a predetermined extent.

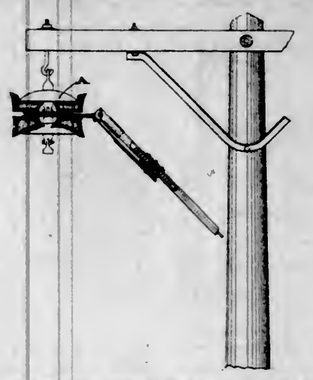
1,568,407. TRAFFIC SIGNAL. WILLIAM ARTHUR LEE, Wichita, Kans. Filed Aug. 8, 1921. Serial No. 490,652. 1 Claim. (Cl. 177—327.)



In a traffic signal, a supporting bracket, a shaft carried by said supporting bracket, a semaphore arm pivotally supported by said shaft and having electrically operating signalling means carried thereby, a hollow elbow at the inner end of said arm, a supporting sleeve in the outer end of said elbow, an insulating sleeve in said supporting sleeve, an electric terminal in the insulating sleeve, a movable cylinder having contact with the terminal, an insulating sleeve mounted upon said shaft, a contact band extending partly around the perimeter of said last insulating sleeve, a metal strip attached to the perimeter of the metal sleeve on the shaft other than the portion enclosed by the contact band, said metal strip and contact band having their ends spaced and a coil spring within the cylinder for urging the same into engagement with the contact band or metal strip.

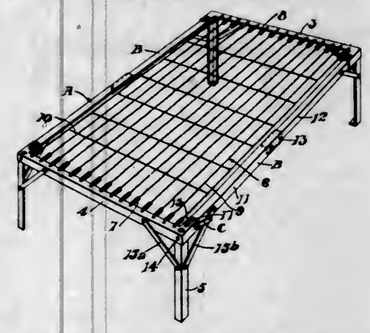
1,568,408. INSULATOR BRUSH. HIRAM E. MILES and MASON E. MILES, San Francisco, Calif. Filed July 22, 1924. Serial No. 727,427. 4 Claims. (Cl. 15—28.)

1. A device for cleaning insulators in high voltage electrical transmission lines comprising a handle, a body plate adjustably connected with and supported by the handle, a plurality of brushes disposed on opposite sides



of said plates and means operatively associated with said brushes and operable from a point on the handle for imparting a movement to said brushes.

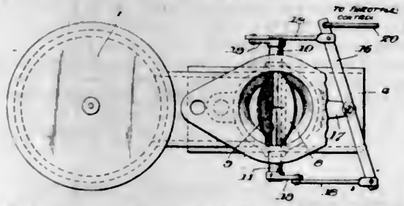
1,568,409. CAMPER'S FOLDING BED. SIGFRID A. MILLER, Oakland, Calif., assignor to Miller Auto Bed and Manufacturing Company, Oakland, Calif., a Corporation of California. Filed Jan. 24, 1924. Serial No. 688,121. 3 Claims. (Cl. 5—114.)



1. In a bed of the character described, a bed frame comprising side and end rails, a sliding interlocking connection formed between one end rail and the side rails, a mattress supporting fabric secured between the head rails, folding legs secured to the bed frame and adapted to support the same, a lever pivotally mounted on each side of the bed frame adjacent the sliding interlocking end rail, whereby said end rail is moved longitudinally on the side rails to stretch the mattress supporting fabric, and means whereby said lever may be secured to the folding legs to serve as braces therefor and to secure the end rails against movement when the mattress supporting fabric is stretched.

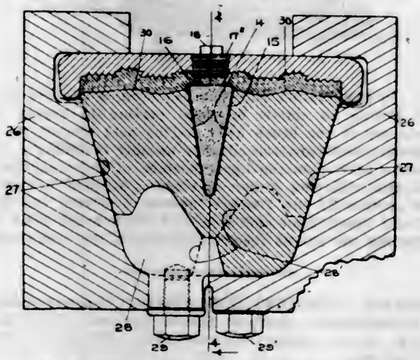
1,568,410. CHARGE-SUPPLY MEANS FOR INTERNAL-COMBUSTION ENGINES AND MEANS FOR MAINTAINING UNIFORM MIXTURE CONDITIONS OF THE CHARGE. CLARKE C. MINTER, Bloomfield, N. J. Filed Feb. 17, 1925. Serial No. 9,835. 6 Claims. (Cl. 123—141.)

5. In association with a carburetor or the like charge forming device for internal combustion engines, throttle valve means in the outlet conduit of said carburetor, said throttle valve means comprising two oppositely rotatable shafts extending in parallelism transversely through the outlet conduit of said carburetor and in the same vertical median plane of said outlet conduit, two substantially flat surfaced valve elements one mounted on each said shaft for pivotal movement in opposite directions to opening and closing positions, said valve ele-



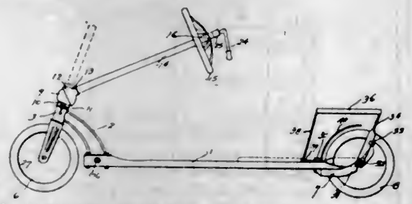
ments being cooperatively arranged and mounted to extend in opposite directions upwardly toward the walls of said outlet conduit in opening positions, and one of said valve elements extending wholly to one side of its shaft, and means for imparting turning movements to said shafts in opposite directions.

1,568,411. PROCESS OF MAKING ARTICLES OF VULCANIZABLE MATERIAL. EDWARD NELSON, Belleville, N. J., assignor to O. & W. Company, a Corporation of New York. Filed Oct. 15, 1923. Serial No. 668,611. 11 Claims. (Cl. 18—53.)



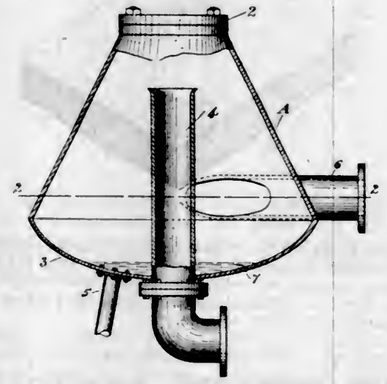
1. In a process for making cored articles of vulcanizable material vulcanized under heat, the use of a core comprising a body of substantially incoherent particles infusible at the temperature of vulcanization confined to a substantially definite form by a jacket of initially coherent material that becomes substantially incoherent during the vulcanization of the said article.

1,568,412. SCOOTER. RICHARD W. PARKES, San Francisco, Calif. Filed Dec. 9, 1924. Serial No. 754,771. 3 Claims. (Cl. 280—87.5.)



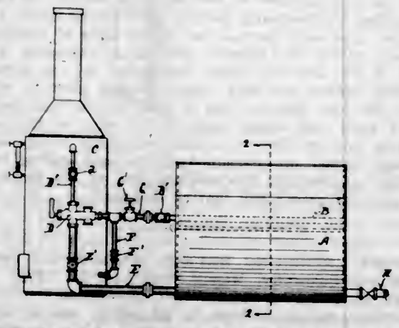
1. A scooter comprising an elongated body portion, wheels disposed adjacent the ends of the body portion, means providing for steering the front wheel, a wheel mounting attached to the rear end of the body including arms extending rearwardly and upwardly from said rear end between which arms the rear wheel is mounted, an axle for the rear wheel supported by and between said arms at a point intermediate the ends of the latter, stop members on the outer ends of said arms, seat standards pivoted on the body and said rear axle, a seat to which said arms are pivoted, which seat is movable from upright position extending over the wheel into collapsed position lying flat on the body, said stops being adapted to engage the rearmost standards and limit the movement of the seat.

1,568,413. SEPARATOR. DAVID D. PEEBLES, Eureka, Calif. Filed Apr. 30, 1923. Serial No. 635,447. 1 Claim. (Cl. 183—82.)



An entrainment trap comprising a vertically disposed cone shaped casing, a removable cover member disposed on the upper and small end of the cone, a tapering bottom section secured on the lower and large end of the cone, a vapor discharge pipe centrally disposed with relation to the bottom section and extending upwardly through the bottom section into the interior of the cone, the upper end of said vapor discharge pipe being flared and being in communication with the upper small end of the cone, a vapor inlet pipe connected to the side of the cone at a point intermediate the bottom section and the upper end of the vapor discharge pipe, and disposed on a tangent with relation to the cone, and a liquid discharge pipe connected with the bottom section of the cone.

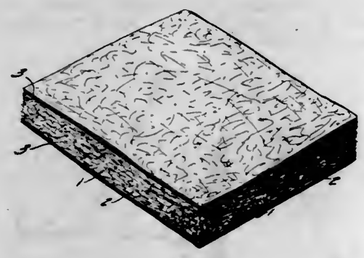
1,568,414. SNOW-MELTING MACHINE. JOHN G. PFADT, Erie, Pa. Filed July 3, 1925. Serial No. 41,372. 4 Claims. (Cl. 126—343.5.)



1. In an apparatus of the class described, a tank, a perforated false bottom in said tank space above the bottom thereof, a spray tube above said false bottom, a

boiler, feed-water supply apparatus adapted to draw water from said tank and force it into said boiler, and a by-pass pipe connecting said feed water supply apparatus with said spray tube.

1,568,415. NON-HEAT-CONDUCTING COVERING. FREDERIC L. PILLIOD, Plainfield, N. J., assignor to Johns-Manville Incorporated, a Corporation of New York. Filed Aug. 9, 1924. Serial No. 731,198. 4 Claims. (Cl. 106—19.)



4. As a new article of manufacture a non-heat-conducting covering comprising a felted mass of long fibres of amosite interspersed with about an equal weight of short fibres of ordinary asbestos, said mass being impregnated with silicate of soda.

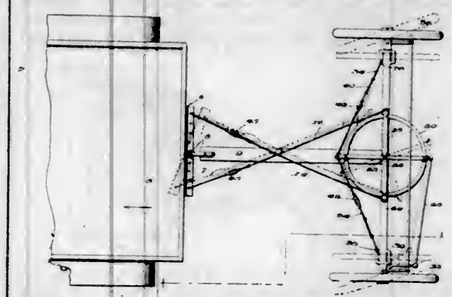
1,568,416. UNDERGARMENT. HARRIET LYONS REDMOND, Needham, Mass., assignor to The William Carter Company, Needham Heights, Mass., a Corporation of Massachusetts. Filed Oct. 25, 1924. Serial No. 745,842. 2 Claims. (Cl. 2—113.)



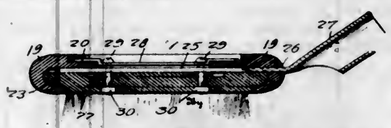
1. An undergarment of knitted fabric having the wales extending longitudinally thereof, said undergarment having an open neck portion, an edging strip of relatively smooth, glossy anti-friction material as compared with that of the garment proper superposed on and secured flatwise against the neck portion of the garment adjacent the edge thereof, and a bias, woven tape superposed upon said edging strip at the edge of the neck opening and effective to confine stretching of the neck portion beyond predetermined limits, said edging strip having an elasticity intermediate that of the fabric of the garment proper and that of said tape.

1,568,417. STEERING DEVICE. CHARLES H. RHENBOTTOM, Coldwater, Mich. Filed Jan. 14, 1925. Serial No. 2,374. 2 Claims. (Cl. 280—33.55.)

1. The combination with a propelling vehicle, of a trailer associated with the propelling vehicle and having an axle and wheels, a steering arm for controlling said wheels, an annulus rotatably mounted on said axle and having an arm connected to said steering rod, cables extending from said propelling vehicle and having connection with said annulus, means to stabilize the annulus and normally hold the same in a neutral position, and a draw bar connecting the propelling vehicle and the trailer.

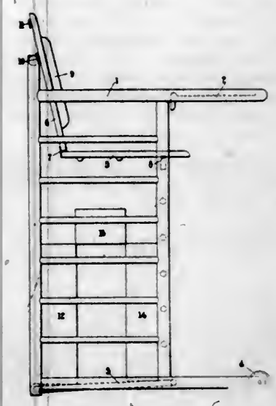


1,568,418. BRUSH HEAD. WILLIAM D. ROSE, Portland, Oreg. Filed Feb. 9, 1924. Serial No. 691,708. 4 Claims. (Cl. 15—175.)



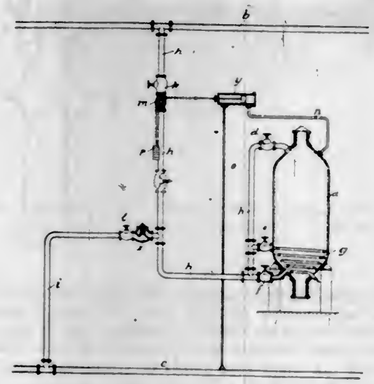
1. In combination with a brush head, a clincher member having an elastic marginal portion to engage the periphery of the brush head and be held thereon by its inherent resiliency, the clincher member including a portion to bear upon the upper surface of the brush head, a handle receiving socket, and means adapted to engage the portion of the clincher member overlying the back of said brush head and secured to said brush head for retaining the handle receiving socket on the brush head.

1,568,419. CONVERTIBLE CHAIR. GORDON ANGUS ROSSBOROUGH, Chadwell Heath, England. Filed Mar. 10, 1924. Serial No. 698,321. 2 Claims. (Cl. 155—44.)



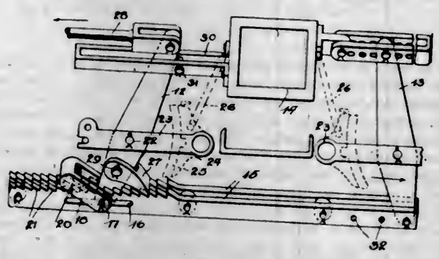
1. An article of furniture convertible at will into a baby's cot or a chair comprising a framework, a chair-seat member hinged at its front edge to said framework, a chair-back member hinged at its lower edge to the rear edge of said chair-seat member and means for supporting said members in alternative chair-functioning and cot-functioning positions, so that the desired conversions may be effected.

1,568,420. PLANT WHERE HEAT-CONSUMING APPARATUS COOPERATES WITH A NUMBER OF FEED CONDUITS. JOHANNES RUTHS, Djursholm, Sweden, KARL INGERÖ, Christiania, Norway, and HANS SCHRENK, Charlottenburg, Germany, assignors to Aktiebolaget Vaporackumulator, Stockholm, Sweden, a Corporation of Sweden. Filed Dec. 7, 1922. Serial No. 605,531. 16 Claims. (Cl. 92—7.)



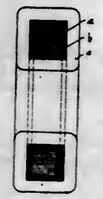
1. In combination, a digester, a high pressure conduit adapted to supply steam to said digester, a low pressure conduit adapted to supply steam to said digester, and automatic means to control the flow of steam from said high pressure conduit to said digester responsive to conditions in the digester and conditions in the low pressure conduit.

1,568,421. SLACK ADJUSTER. WILLIAM H. SAUVAGE, New York, N. Y., assignor, by mesne assignments, to The Gould Coupler Company, a Corporation of Maryland. Filed Apr. 24, 1922. Serial No. 556,201. 2 Claims. (Cl. 188—200.)



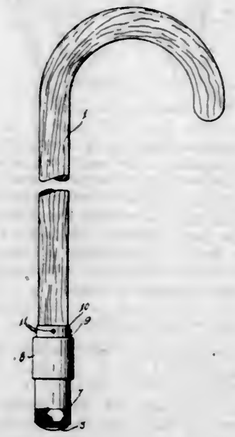
1. In a slack adjuster, in combination with a live lever and a compression member of brake rigging, said compression member comprising a plurality of bars in spaced relation, said live lever having its lower end disposed intermediate said bars, said bars adjacent the latter end having lateral slots therethrough, ratchet teeth on a lateral surface of said bars, a bifurcated pawl straddling said bars having its bridge constituting a tooth and engaging said ratchet teeth, a pin passing through said slots and pivotally connecting said live lever and pawl, and a pawl pivoted to the live lever at one side of the bars and engaging said ratchet teeth on the side of the live lever opposite to that of the first mentioned pawl.

1,568,422. SELF-INDUCTION COIL. EUGEN SCHÜHER, Cologne-Mulheim, Germany, assignor to Felten and Guilleaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Filed Apr. 28, 1921. Serial No. 465,251. 1 Claim. (Cl. 178—46.)



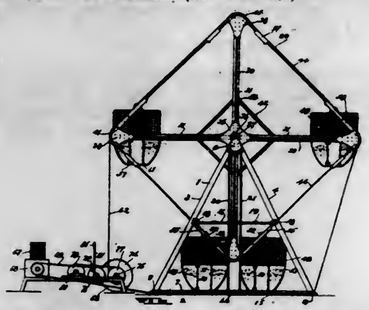
An improved self-induction coil comprising a magnetization core composed of an iron nickel alloy having 8 to 20 per cent nickel content and a carbon content of .06 to .09 per cent, in combination with an insulating jacket and a surrounding wire coil.

1,568,423. ADJUSTABLE TIP FOR CANES AND THE LIKE. CHARLES SIFFERLEN, Joliet, Ill. Filed Nov. 3, 1924. Serial No. 747,637. 2 Claims. (Cl. 135—53.)



1. An adjustable tip construction for canes and the like, comprising a resilient tip member, means for securing said tip member to the bottom of the body portion of the cane, an externally threaded sleeve carried by said body portion, an internally threaded sleeve surrounding said tip and engaging the threaded sleeve on the body portion, said internally threaded sleeve being adjustable relative to the first named sleeve to expose more or less of the tip, as desired, and a cylindrical shield secured at its top to said body portion and arranged to extend over the upper end of said adjustable sleeve.

1,568,424. FERRIS WHEEL. JEHIEL P. SMITH, Winnipeg, Manitoba, Canada. Filed Feb. 12, 1925. Serial No. 8,777. 20 Claims. (Cl. 104—77.)



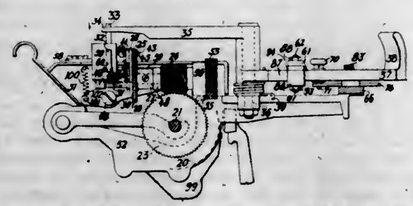
3. In a Ferris wheel, a carrier for the rider travelling with the wheel completely around the wheel axis and having an intermittent sliding movement under the action of gravity in the rotation of the wheel.

1,568,425. COPYHOLDER. VERNER CLINTON SMITH, Salina, Kans. Filed Oct. 23, 1924. Serial No. 745,461. 3 Claims. (Cl. 120—28.)



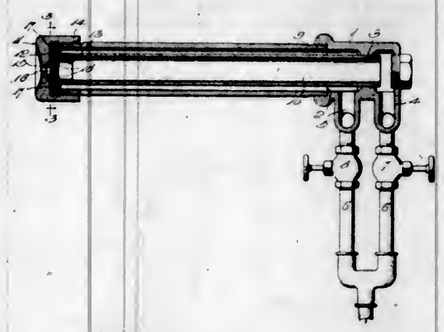
1. A copy holder comprising a base plate, a copy supporting plate hinged to the base plate and adapted to be swung to an inclined position, spaced, inwardly-directed integral, pointed clips arranged along the side edges of the supporting plate to overlie the front of said plate and receive the side edges of the pad or the back of the copy book, and a prop hinged to the rear edge of the base plate and provided with a connection with the back of the copy supporting plate.

1,568,426. TYPEWRITING MACHINE. BURNHAM C. STICKNEY, Rutherford, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Apr. 28, 1923, Serial No. 635,237. Renewed May 22, 1925. 44 Claims. (Cl. 197—114.)



1. In a typewriting machine, the combination with a platen, of line-spacing mechanism including means for effecting micrometer variations of the extent of a single line-space, and means settable to different predetermined stations for determining the number of line-spaces which the platen is to be moved at each line-spacing operation.

1,568,427. ATOMIZER. CHRISTOPHER STRACHAN, South Orange, N. J., and DAVID J. IRISH, New York, N. Y., assignors to Morse Drydock & Repair Co., New York, N. Y., a Corporation of New York. Filed Nov. 15, 1922. Serial No. 601,117. 6 Claims. (Cl. 158—73.)



5. A mechanically atomizing oil burner comprising a hollow body having an open end, an internal circumferential rib, and oil inlets at opposite sides of said rib, an outer tube connected at one end to the open end of said body, an inner tube received within and having a frictional engagement with said rib, a closure for the rear ends of said tubes attached to the inner tube for removal bodily therewith, said closure abutting the end of the outer tube and having ports communicating with both tubes, and a removable cap on said outer tube abutting said closure and holding the latter and the inner tube in place, said cap having a discharge orifice into which said ports discharge.

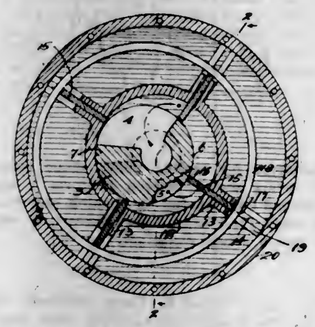
1,568,428. DISPLAY AND CLOTHES LINE. JOSEPH B. TUTTLE and MICHAEL H. TUTTLE, Cleburne, Tex. Filed Mar. 5, 1925. Serial No. 13,180. 1 Claim. (Cl. 68—3.)



A line of the class described composed of a plurality of flexibly connected links each comprising a piece of heavy wire bent intermediate its ends and coiled to form a spring loop, the major portion of said wire being twisted to form article clamping members, said members having a receiving throat at one end with a coiled spring ring at the entrance thereof, one end of said wire being coiled to form a sleeve and the other bent inwardly to form an attaching loop and then forwardly bent to form a securing loop with the free end inserted in said sleeve, said loop operating to prevent the end from being withdrawn from the sleeve which protects the end.

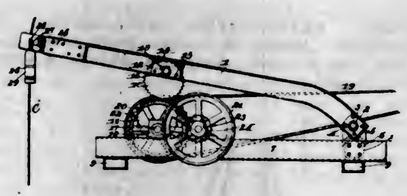
1,568,429. ROTARY PISTON APPARATUS. BERT EBERT TYLER, South Gate Gardens, Calif. Filed Feb. 10, 1925. Serial No. 8,244. 6 Claims. (Cl. 103—121.)

1. A machine of the class described having a casing and its head, a concentric axle for the casing and an eccentric, cylindrical, rigid body on the axle and fitting between the casing and its head, a cylinder rigid with the casing and having contact with one side of the said body and being concentric with the axle, a system of pocketed webs rigid with the cylinder and having sliding



piston blades radial to the axle and engaging the eccentric, and a blade retaining band on the outer edges of the blades.

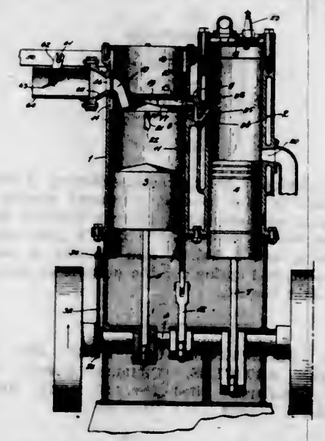
1,568,430. APPARATUS FOR SPUDDING, DRILLING, AND CLEANING OUT WATER AND OIL WELLS. CLYDE UHL, Bartlesville, Okla. Filed Nov. 6, 1922. Serial No. 599,298. 2 Claims. (Cl. 255—8.)



1. Spudding and drilling apparatus comprising a separable main frame, adapted to be mounted upon a vehicle to form part thereof, a beam carrying a spudding tool at one end, means by which the beam is pivotally mounted at the other end to said frame, a gear, a pin upon which the gear is eccentrically monnted substantially centrally of the beam, driving apparatus mounted on the frame including a shaft, a second gear eccentrically mounted upon said shaft meshing with the first gear and providing the medial support of the beam, means by which said apparatus is driven, and means including meshing gears and a fly wheel for equalizing the up and down motion of the beam in the operation of said driving apparatus and said eccentrically mounted gears.

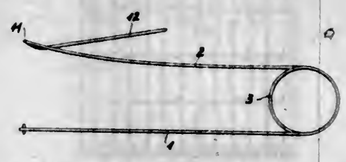
1,568,431. INTERNAL-COMBUSTION ENGINE. CHARLES J. WEBER, Cleveland, Ohio. Filed Apr. 26, 1924. Serial No. 709,092. 28 Claims. (Cl. 123—70.)

14. In an internal combustion engine including separate air-pump and combustion cylinders arranged side by side and pistons respectively therefor, the pump piston having a conical surface, in combination, means for injecting liquid fuel into said pump cylinder, counecting means for said cylinders provided with a transfer conduit, the pump cylinder head having a conical inner surface and a passage adapted to co-act with said transfer conduit, and control means for said conduit, whereby fresh air and fuel mixture are successively delivered to the combustion cylinder, the conicity of the pump-piston and



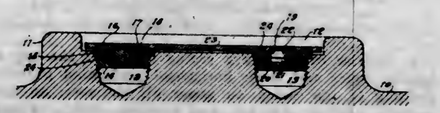
cylinder head, surfaces co-acting to direct the charge toward the opening for the passage in the pump cylinder head.

1,568,432. STRETCHER FOR BOOTS AND SHOES. WILLY WEISE, Berlin-Malchow, Germany. Filed Oct. 16, 1924. Serial No. 744,065. 3 Claims. (Cl. 12—128.2.)



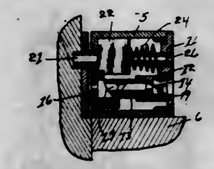
1. A stretcher of wire for shoes comprising in combination an elastic lower part approximately of the shape of the shoe, an elastic upper part designed to support the upper at the sides and at the top, elastic loops at the rear end connecting the upper part and the lower part and serving as support for the heel part of the shoe and as handle for the inserting and removing of the stretcher, elastic wire windings forming a toe part connecting the several windings which form the upper part, forming a part of the spring support of the upper part and being obliquely upwardly directed towards the rear part of the stretcher and serving as support for the toe and the top part of the upper of the shoe.

1,568,433. ANCHORAGE. WILLIAM H. WHEELER, Glen Ridge, and JUDSON C. LOGAN, Jersey City, N. J., assignors to Fedco Number Plate Corporation, New York, N. Y., a Corporation of Delaware. Filed Aug. 15, 1924. Serial No. 732,268. 10 Claims. (Cl. 40—22.)



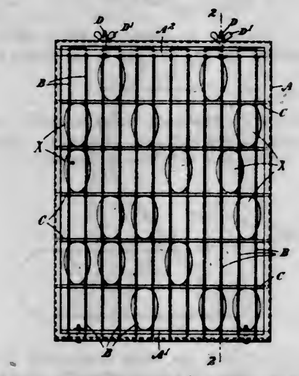
4. In an anchorage of the character described, a plate formed with a flange, a base formed with an aperture to receive the flange, and a lip at the mouth of the aperture formed with a cutting edge adapted to bite into the flange.

1,568,434. WINDOW LOCK. PATRICK H. WINTERSON, San Francisco, Calif. Filed Mar. 29, 1923. Serial No. 628,570. 2 Claims. (Cl. 292—169.)



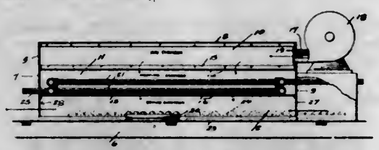
1. In a device of the character described, a housing, a bolt slidable in said housing, a squared portion formed on said bolt and adapted to prevent rotation thereof, a spring adapted to move said bolt to a point outside of said housing and a helical cam adapted to counteract the action of said spring for the purpose of moving said bolt into said housing.

1,568,435. RECEPTACLE FOR EGGS AND OTHER FRAGILE ARTICLES. CHARLES BURTON WINZER, London, England. Filed Dec. 12, 1924. Serial No. 755,503. 5 Claims. (Cl. 217—25.)



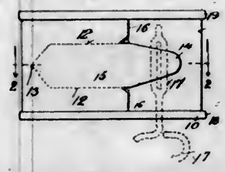
5. In a receptacle for eggs and fragile articles, the combination of an open frame furnished with ventilating openings in its side walls, a plurality of groups of parallel cords extending from end to end of the frame, fixed means for securing the cords at one end of the frame, a movable end member to which the cords are coupled at the other end of the frame, and means for adjusting the movable member.

1,568,436. DRIER. ELMER E. ANDERSON, La Grande, Oreg. Filed Apr. 10, 1925. Serial No. 22,098. 2 Claims. (Cl. 34—19.)



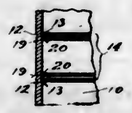
1. A drier comprising a casing closed at the top and having upper and lower horizontal perforated partitions forming in the casing an upper air chamber, an intermediate heating chamber, and a lower drying chamber, the air chamber having means to supply air thereto under pressure, the heating chamber having a heat radiator therein, and the drying chamber having an inlet at one end and an outlet at the other end, and means permitting the travel of article carriers thru the same.

1,568,437. SEALED VACUUM CONTAINER. NIELS P. BACH, Millburn, N. J., assignor to Thermokept Corporation, a Corporation of Delaware. Filed July 15, 1922. Serial No. 575,257. 8 Claims. Cl. 220—54.)



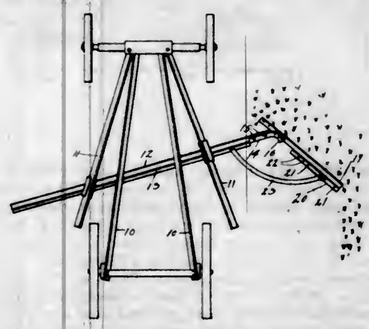
1. A container for sealing under vacuo comprising a body and covers sealed thereon to form a sealed container, a second body having an opening cooperating with said first body, and means for converting said sealed container into a safety container.

1,568,438. CAN. NIELS P. BACH, Millburn, N. J., assignor to Thermokept Corporation, New York, N. Y., a Corporation of Delaware. Filed Feb. 2, 1924. Serial No. 690,139. 10 Claims. (Cl. 220—54.)



1. A sealed package comprising a can having parallel scorings within and without the can body whereby the package is opened.

1,568,439. GRASS-CUTTING ATTACHMENT FOR GRADERS. HECTOR M. BAXTER, Battle Creek, Iowa. Filed July 27, 1925. Serial No. 46,203. 4 Claims. (Cl. 37—155.)

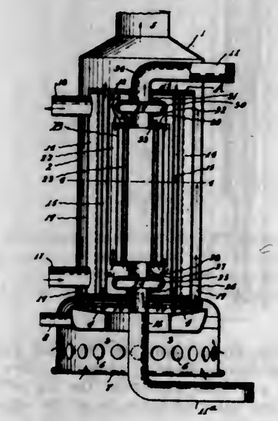


1. In a grass cutting attachment for a road grader having an angularly disposed scraping blade, a bracket secured to the forward end of said blade, an auxiliary blade secured to said bracket, extending rearwardly and away from said scraping blade, and a brace secured between the said blades to maintain them in such relation.

1,568,440. COMBINATION WATER HEATER. EMIL BEHRINGER, Brooklyn, N. Y. Filed Jan. 20, 1922. Serial No. 530,559. 4 Claims. (Cl. 122—82.)

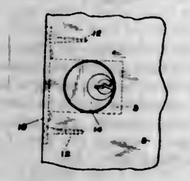
4. In apparatus for heating water the combination of an outer casing, a pair of headers extending transversely of the casing and spaced apart, a convoluted side wall member connecting the headers for forming a chamber in the casing, open ended pipes extending longitudinally of said chamber and passing through the headers, a furnace at one end of said chamber for generating heat to pass

through said pipes, means for intake and for outlet passing through said headers for conveyance of heat derived from a source outside of the apparatus, a second pair of headers extending transversely of said chamber and spaced apart and supported by said intake and outlet means, a convoluted side wall member connected at its ends to the second pair of headers for forming a chamber within the first chamber, open ended pipes extending longitudinally of the second chamber and passing through the second pair of headers and communicating with the first chamber, means for supply of water to the first



chamber at one end thereof and means for outlet of heated water at the opposite end thereof, said exterior heat outlet having a transversely extending heat collecting portion adjacent to said means for water supply and said exterior-heat intake having a transversely extending heat collecting portion adjacent to said outlet for heated water, the water passing into the first chamber and through the open ended pipes of the second chamber and commingling at one end of the second chamber with the water of the first chamber for passage through the outlet of the first chamber for heated water.

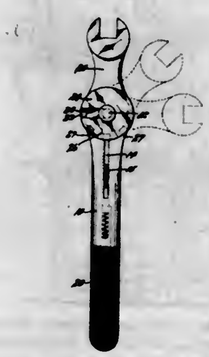
1,568,441. MORTISE LOCK. FRANK ELLISON BEST, Seattle, Wash., assignor to Frank E. Best, Inc., Seattle, Wash., a Corporation of Washington. Filed June 7, 1923. Serial No. 643,962. 6 Claims. (Cl. 70—46.)



1. In a mortise lock, the secondary lock housing, a core case, a lock core arranged for removal from said core case and means accessible only when said core is removed for securing said core case to said secondary lock housing.

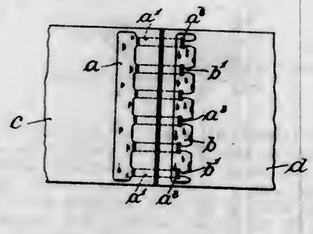
1,568,442. ADJUSTABLE ANGLE WRENCH. RAY C. CARVER, Grand Junction, Colo. Filed Jan. 29, 1925. Serial No. 5,514. 3 Claims. (Cl. 81—58.)

1. A wrench comprising a handle; a wrench seat formed at one end of said handle; a wrench post projecting from said seat, said post being provided with an annular groove; a wrench jaw arranged to be fitted over said post against said seat and means for securing said



wrench on said seat, said means comprising a washer having a radial slot the edges of which are adapted to engage in said annular groove in said post.

1,568,443. BELT FASTENER. WALTER DARGUE, Halifax, England, assignor of one-half to James Edward Carter and Sam Ayrton Wright, both of Halifax, England. Filed Mar. 10, 1925. Serial No. 14,528. 3 Claims. (Cl. 24—31.)

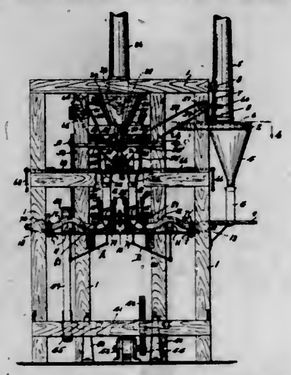


1. A belt fastener comprising a bar having a tine to extend through the two belt ends and provided with an enlargement, in combination with a plate having a slot to receive said tine when the plate is slid on the belt in the plane of the plate, and having a recess to receive said enlargement to prevent withdrawal of the tine from the plate and to prevent removal of the plate from the tine unless the enlargement is disengaged from said recess.

1,568,444. MACHINE FOR FILLING CONTAINERS. REINIER P. DE VRIES, Melrose, Mass. Filed Apr. 18, 1924. Serial No. 707,329. 11 Claims. (Cl. 249—59.)

1. In a machine for filling containers by weight, a pair of weighing scale mechanisms to receive containers to be filled, a transfer-pan, means actuated by operative movement of said weighing scale mechanism for oscillating said transfer-pan to alternately position the same in material delivering relation to one or the other of said weighing scale mechanisms, a material delivery funnel positioned to discharge into said transfer-pan, a material

feeding conduit above said funnel, a receiving-disc within the upper open end of said funnel and alined beneath the outlet of said feeding conduit, means for rotating said

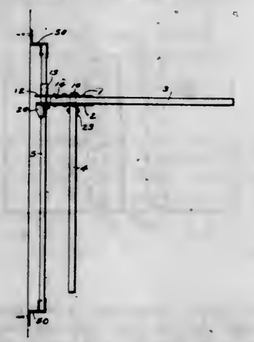


receiving-disc, and a stationary plow for deflecting the material from said receiving-disc for gravitation through said funnel into said transfer-pan.

1,568,445. PLANT SPRAY. CHARLES F. DILLER, Lancaster, Pa. Filed Jan. 27, 1925. Serial No. 5,152. 12 Claims. (Cl. 252—1.)

1. A plant spray comprising a suspension of dried plant bacterial enzyme and chromatin granule products in a liquid medium.

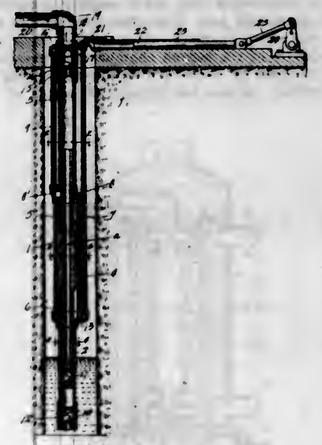
1,568,446. CLOTHESRACK. GEORGE B. DOUGLAS, Seattle, Wash. Filed May 22, 1924. Serial No. 715,043. 3 Claims. (Cl. 68—34.)



1. A vertically adjustable clothes rack comprising a head having two vertically separated metal plates and clothes supporting arms secured by one end between said plates, a vertical suporting and guide bar, the upper plate of the head having a hole for the free passage of the guide bar, the lower plate having a notch in its rear edge for the guide bar, the rear edge of the hole in the upper plate and the front edge of the notch in the lower plate being positioned to bind upon the bar to support the head, and a controlling bar fixed to the head and depending therefrom.

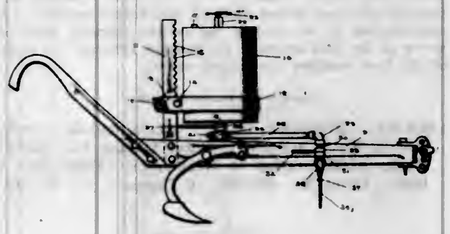
1,568,447. DEEP-WELL PUMP. VALORIS L. FORSYTH, Fort Worth, Tex. Filed Dec. 10, 1924. Serial No. 755,061. 7 Claims. (Cl. 103—46.)

1. A deep well pump comprising a casing having a plurality of members, unions joining said members together, a foot valve in the lower end of the bottom casing member, a piston adapted to operate in the central member and extending therefrom into the other two members, a bore in said piston, a check valve in the lower portion of the piston bore, a check valve at the top of the upper



member, a pulsator, a pipe from the said pump to the bottom of the central member, an outlet above the upper member and a by-pass pipe from the top of the lower members to the point of juncture of the upper member and the outlet pipe.

1,568,448. INSECTICIDE-APPLYING MACHINE. WILLIAM A. FREEMAN, Sycamore, Ga. Filed June 20, 1923. Serial No. 646,648. 4 Claims. (Cl. 299—30.)

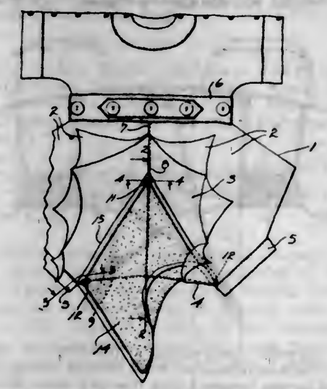


1. A device of the character described comprising a liquid tank, discharge means connected to and carried by the tank, a post to be secured to a plow beam or other support, a band embracing the tank and having means for clamping the tank therein, and means carried by the clamp to adjustably engage the post for the vertical adjustment of said band and tank.

1,568,449. CHILD'S GARMENT. FLORINDA GARDNER, Salt Lake City, Utah, assignor of one-half to Daniel Alexander, Salt Lake City, Utah. Filed Nov. 8, 1922. Serial No. 599,670. 3 Claims. (Cl. 128—288.)

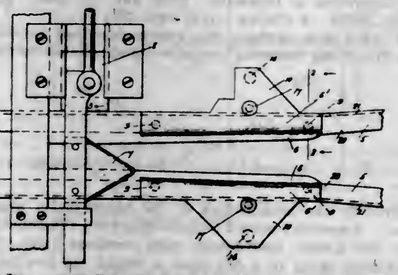
1. A child's garment comprising a pants section, a fastener device connected to and positioned at the vertical median of the inner face of said section at the back thereof and above the crotch of said section, a fastener device connected to and positioned at the vertical median of the inner face of said section at the front thereof and above the crotch of said section, a pair of fastener

devices connected to the inner face of the crotch of said section centrally thereof on opposite sides of and spaced form the vertical center of said section, and a sheet-like,



flexible, impervious protector of losenge contour having means at each corner thereof for connecting to said devices to detachably secure said protector in folded position against the inner face of said section.

1,568,450. HARVESTER. GEORGE H. GEHRKING, Elk Mound, Wis. Filed Oct. 1, 1924. Serial No. 740,986. 3 Claims. (Cl. 56—102.)



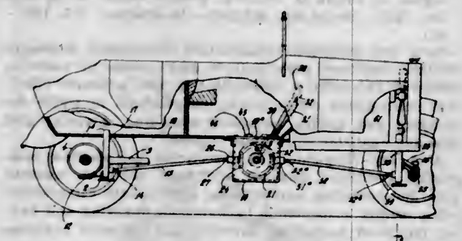
1. In a corn harvester, the combination, with a pair of guide bars for stalks and a pair of cutting blades mounted on the guide bars, of a pair of clamping devices for the cutting blades formed right and left hand, each clamping device comprising an upper plate arranged above the cutting blade and guide bar and provided with a clamping bolt hole and a laterally projecting lug, a plate arranged below the said guide bar and also provided with a clamping bolt hole and a laterally projecting lug, a distance piece arranged between the laterally projecting lugs, and a clamping bolt engaging with the clamping bolt holes and projecting through the space between the said distance piece and the guide bar.

1,568,451. COCK. HARRY GRAY, Houston, Tex. Filed July 24, 1923. Serial No. 653,448. 6 Claims. (Cl. 251—103.)



1. In a cock, a tubular casing one end of which is threaded for attachment within a container, a central chamber having an outlet opening on one side thereof, the opposite side being recessed, packing in said recessed portion, a hollow valve plug in said chamber having its wall thickened on one side whereby it is made eccentric within said chamber, there being an outlet opening in said thickened wall, packing between said plug and said casing above and below said eccentric portion and means to retain said valve plug removably in said casing.

1,568,452. VEHICLE JACK. JACOB GROSSMAN, Maspeth, N. Y. Filed Apr. 22, 1925. Serial No. 24,947. 13 Claims. (Cl. 254—86.)



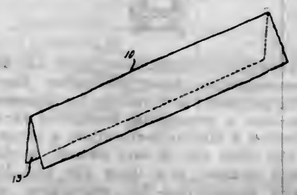
2. The combination of a vehicle having a tube for a propeller shaft, with a lifting jack comprising a housing attached to said tube, a jack member including a foot extending transversely of the vehicle below said tube to engage the ground, spaced parallel racks secured to and extending upwardly from said foot, said racks being located on opposite sides of said tube, said housing guiding said racks, gears within the housing located between said racks and in mesh at their inner portions, said gears being respectively meshed at their outer portions with said racks, and means to rotate said gears to lower or raise the racks and foot.

1,568,453. END FASTENER FOR MUSIC-ROLL SHEETS. RUDOLPH SIMON HAASE, Houston, Tex. Filed Nov. 26, 1924. Serial No. 752,422. 1 Claim. (Cl. 84—162.)



An end fastener for music roll sheets comprising a flexible body member having adhesive on its under side, outstanding longitudinally alined gage arms carried by the body member and adapted to contact with the end flanges of the music roll to center the body member, said arms having each a transverse row of perforations to facilitate tearing off the arms after centering the body member, and a tab extending from the body member and having an eyelet for connection to a roll for rewinding.

1,568,454. SLIPPING DEVICE FOR NECKTIES. THOMAS A. HART, Danbury, Conn. Filed July 10, 1925. Serial No. 42,660. 3 Claims. (Cl. 2—156.)



1. A device for facilitating the slipping of a necktie in a turned down collar, comprising a single integral strip of thin pliable paper of a width at least twice that of the necktie, folded along a longitudinal line and

adapted to receive the necktie between the folds thereof, said folded strip of paper having its inner walls glazed so that the necktie will slip readily therethrough and being adapted to be inserted, with the necktie therein and with the folded edge thereof directed upwardly, between the inner and outer walls of the collar.

1,568,455. FUNGICIDE AND INSECTICIDE COMPOSITION. OSCAR F. HEDENBURG, Pittsburgh, Pa., assignor to Frank O. Moburg, Toledo, Ohio. Filed Feb. 14, 1921. Serial No. 445,026. 10 Claims. (Cl. 167—6.)

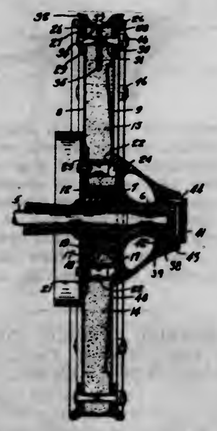
1. A dry fungicide composition comprising Bordeaux mixture together with dextrin and casein in amounts sufficient to secure a deflocculating and adhesive effect, said composition being readily suspendable in water for spraying and having improved spreading, covering and adhesive qualities when thus applied.

2. A dry fungicide and insecticide composition comprising Bordeaux mixture and lead arsenate together with deflocculating and sticking agents, said composition being readily suspendable in water for spraying and having improved spreading, covering and adhesive qualities when thus applied.

8. A dry fungicide composition comprising Bordeaux mixture with dextrin, casein and a soluble chromate in amounts sufficient to secure a deflocculating and adhesive effect, said composition being readily suspendable in water for spraying and having improved spreading, covering and adhesive qualities when thus applied.

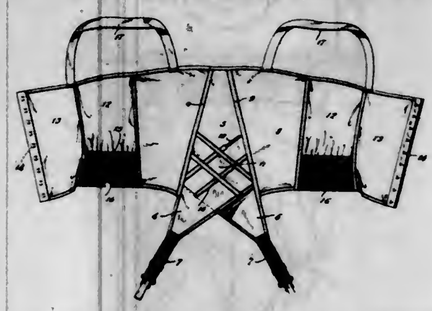
9. A dry fungicide and insecticide composition comprising a Bordeaux mixture and lead arsenate together with dextrin, casein and a soluble chromate in amounts sufficient to secure a deflocculating and adhesive effect, said composition being readily suspendable in water for spraying and having improved spreading, covering and adhesive qualities when thus applied.

1,568,456. VEHICLE WHEEL. CLARENCE B. HOWARD, Oakland, Calif. Filed Aug. 23, 1921. Serial No. 494,662. 9 Claims. (Cl. 301—63.)



8. A vehicle-wheel comprising an inner hub element of polygonal cross-section, inner and outer discs having corresponding polygonal perforations for engagement with said hub element, a paper filler interposed between said discs and having a similar perforation, a thrust member formed on the inner end of said element, a plurality of studs on said member, said inner disc and filler being provided with perforations for engagement with said studs, an outer hub element engaging the exposed side of said outer discs, and a hub cap removably engaging said first hub element adapted to retain said second hub element in engagement with said outer disc.

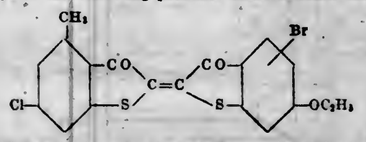
1,568,457. BRASSIÈRE. AUGUSTA S. JOHNSON, Brooklyn, N. Y., assignor to Model Brassiere Co., Inc., New York, N. Y., a Corporation of New York. Filed Feb. 21, 1923. Serial No. 620,420. 3 Claims. (Cl. 2—42.)



1. A brassière comprising a plurality of connected gores, a double overlapping front section connected therewith and having terminal tabs free and disconnected from each other, garters secured to the free ends of said terminal tabs and a plurality of bones in said double section intersecting each other in diagonal relations to form a diaphragm section.

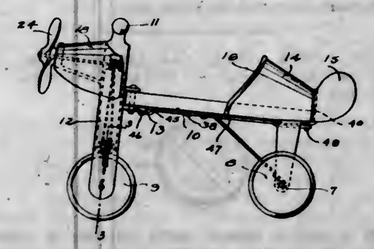
1,568,458. VAT DYES OF THE THIOINDIGO SERIES. ASA WILLARD JOYCE, Newark, N. J., assignor to The Chemical Foundation, Incorporated, New York, N. Y., a Corporation of Delaware. Filed Jan. 28, 1925. Serial No. 5,274. 8 Claims. (Cl. 260—53.)

8. As a new product, the herein described thioindigo vat dye of the following probable constitutional formula:



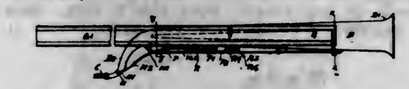
derived by the bromination of the condensation product from 4-methyl-6-chlor-2.3-diketo-dihydro-1-thionaphthene and its 2-keto equivalents with 6-ethoxy-3-oxy-1-thionaphthene being in a dry state a bright red powder, insoluble in water, alcohol and ether, soluble in nitrobenzene with a bluish-red color, soluble in concentrated sulfuric acid with a green color, forming with an alkaline hydrosulfite solution a yellow vat, from which animal and vegetable fibres are dyed bright bluish-red shades, fast to light, chlorine and washing.

1,568,459. TOY VEHICLE. FRANK KACIREK, Cleveland, Ohio, assignor to Alfred L. Hohlfelder, Cleveland, Ohio. Filed Dec. 8, 1924. Serial No. 754,493. 16 Claims. (Cl. 208—165.)



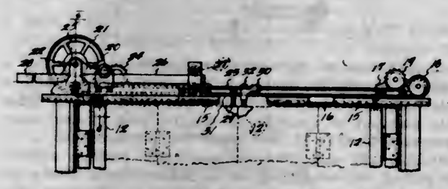
1. In a toy vehicle of the character described, the combination of a body supported by rear wheels, a front fork member pivotally connected to the body, a cowl structure carried by the fork member, a front dirigible wheel attached to and supporting the fork, a shaft mounted in the cowl structure, a pulley mounted on the fork and driven by said front wheel and flexible means drivingly connecting said pulley to the shaft.

1,568,460. REED WIND MUSICAL INSTRUMENT. EDWARD LEGLER, Jr., and ALEXANDER KOHL, Fresno, Calif.; said Kohl assignor to said Legler. Filed Oct. 27, 1920. Serial No. 419,826. 8 Claims. (Cl. 84—380.)



1. A musical instrument consisting of a tapering tube having a mouth piece with a reed, adapted to vibrate, means for varying the tones produced thereby consisting of an elongated slot, a slideway on the two sides of the slot, and a slide disposed to slide in said slideway and adapted to vary the sizes of the air space between the mouth piece and the open portion of the slot substantially as described.

1,568,461. SAFETY AUTOMATIC ELEVATOR-DOOR EQUIPMENT. OSCAR P. MCGEE, Dallas, Tex., assignor of one-half to W. A. Sedwick, Dallas, Tex. Filed May 26, 1924. Serial No. 715,866. 16 Claims. (Cl. 187—52.)



5. As a sub-combination in an elevator door operating apparatus, a longitudinally movable rack bar, an electric motor connected with said rack bar for operating the same, and a shoe carried by said rack bar for engaging a door opening and closing means.

1,568,462. FACEPLATE-ATTACHING MEANS FOR LOCKS. HAROLD K. MORITZ and FRANKLIN H. HARP, Seattle, Wash., assignors to Frank E. Best, Inc., Seattle, Wash., a Corporation of Washington. Filed Mar. 27, 1924. Serial No. 702,825. 1 Claim. (Cl. 70—46.)



In a lock, a lock core, a projecting member on the end of said lock core, a face plate having a recess arranged to fit over said projecting member and a key plug having a head and arranged to be inserted through said lock core to secure said face plate to said lock core.

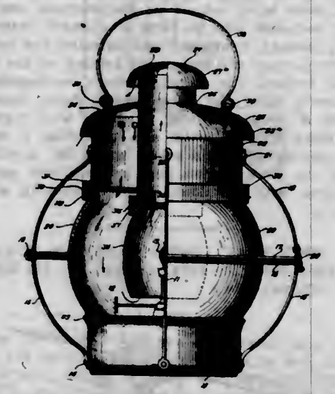
1,568,463. ARTICLE OF MANUFACTURE AND PROCESS OF MAKING THE SAME. WALDO G. MORSE, Yonkers, N. Y. Filed Apr. 10, 1924. Serial No. 705,521. 9 Claims. (Cl. 18—57.)

1. As an article of manufacture a sheet or film comprising magnesium carbonate in finely divided form and oil.

1,568,464. METHOD OF RECOVERING COPPER. JAMES W. NEILL, Pasadena, Calif., assignor to Goro Matsukata, Tokyo, Japan. Filed Apr. 20, 1925. Serial No. 24,676. 4 Claims. (Cl. 75—18.)

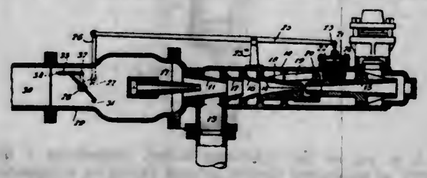
4. A method of recovering copper from ores and similar materials containing it, which comprises dissolving the copper in an acid solution, causing the solution to contact with an aggregate consisting of coke having iron distributed intimately therein and smelting the resulting product containing coke and copper derived from the solution.

1,568,465. LAMP CONSTRUCTION. ZACHARIAS OLSSON, Westport, Conn., assignor to James K. Wheten, New York, N. Y. Filed Oct. 12, 1923. Serial No. 668,090. 3 Claims. (Cl. 240—27.)



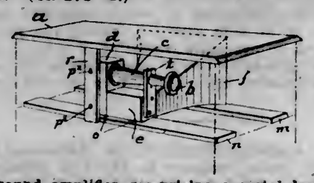
1. In lamp construction, in combination, a base, a burner mounted thereon, a chimney above said burner for discharging products of combustion, a globe secured to said chimney at its upper end and depending from said chimney above said burner, a casing about said chimney secured thereto and spaced therefrom and forming a passage for air thereabout, said casing having adjacent its top portion openings for the admission of air to said passage, a cover for said casing through which said chimney projects, said cover overhanging the top of said casing to protect said air openings from the effects of winds, a globe secured to said casing at its upper end and depending from said casing exterior of said first globe meeting said base member at its lower end and forming a continuation of said air passage to the lower end of said inner globe, and frame members forming a hinged connection between said casing and said base, permitting swinging of said two globes as a unit upwardly from about said burner.

1,568,466. INJECTOR. RUDOLF M. OSTERMANN, Evanston, Ill., assignor to The Superheater Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 5, 1925. Serial No. 13,106. 8 Claims. (Cl. 162—1.)



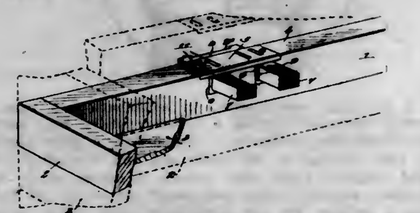
1. The combination with an exhaust steam injector of a thermostatically controlled valve for regulating the quantity of exhaust steam delivered to the injector in accordance with the temperature conditions prevailing adjacent to the delivery nozzle of the injector.

1,568,467. RADIOAMPLIFIER AND SUPPORT. EZRA J. PACKER, Philadelphia, Pa., assignor to The Pooley Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 24, 1925. Serial No. 4,368. 3 Claims. (Cl. 274—2.)



1. A sound amplifier comprising a metal horn, an intermediate wooden block and a wooden horn; the intermediate block being formed in two sections, one section being hollowed out to form a channel extending successively inward, downward and outward and providing a sound-entrance and sound-exit located on the same face of the section, the sound entrance communicating with the metal horn, the other section being hollowed out to form a chamber having a curved wall overhung and underhung by flat walls and providing a sound-entrance opening communicating with the sound-exit opening of the first section and a sound-exit opening communicating with the sound-entrance opening of the wooden horn.

1,568,468. UNIT TRAY. EDWIN HART PRATT, Corvallis, Oreg. Filed June 20, 1924. Serial No. 721,256. 6 Claims. (Cl. 211—28.)



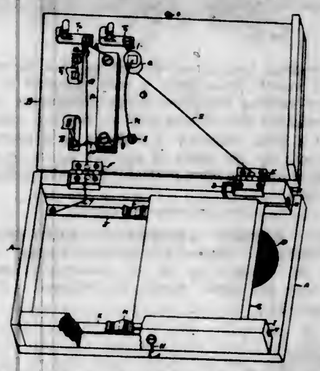
4. A tray comprising a frame having end bars and side bars, handles slidably mounted in the end bars, means secured to the bottom of the tray and adapted to cooperate with the slidable handles of a tray positioned below the superimposed tray for locking said trays together.

1,568,469. FIGURE TOY. HOBART DE LANCEY RAPSON, Philadelphia, Pa. Filed Mar. 9, 1922. Serial No. 542,242. 4 Claims. (Cl. 46—40.)



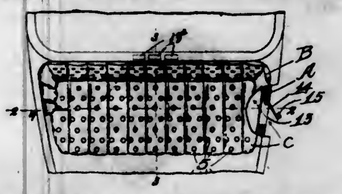
1. A toy of the character stated, comprising a plurality of separately formed printed sheets as independent objects with the same general irregular outline and wherein the sheets are printed throughout their front surfaces with the representation of animate objects and the bounding edges of the sheets are in all material respects the outer bounding lines of the printed objects depicted thereon, said sheets superposed with all of the printed surfaces facing in the same direction and detachably connected along their perimeters by cement so as to be normally retained in close contact but easily and successively separated by rupture of the cemented union to provide a plurality of disconnected similar objects having the same irregular outline.

1,568,470. WIRELESS RECEIVING TUNER. ISAAC P. RODMAN, Newark, N. J., assignor, by mesne assignments, to Garod Corporation, Belleville, N. J., a Corporation of New Jersey. Filed Feb. 1, 1922. Serial No. 533,877. 4 Claims. (Cl. 171—119.)



1. A device of the character described comprising a support having an extended surface, flat coils thereon relatively movable laterally over the faces of each other into and out of overlapping relation and having areas compared to that of said supporting surface such as to maintain said coils in parallelism in each position without projecting beyond the edges of said support, means associated with said coils to maintain an electrical connection between the same in the different relative positions thereof, and a member associated with said support and adapted to enclose said coils; said support and said member constituting an enclosure serving, when in closed relation, to maintain said coils within the confines of said edges and prevent the removal thereof.

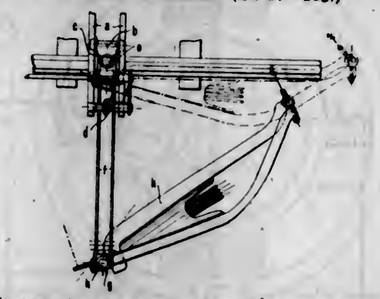
1,568,471. VENTILATED SEAT. MAX HOEMER, Lost Hills, Calif. Filed July 5, 1922. Serial No. 573,041. 1 Claim. (Cl. 98—22.)



A ventilated seat comprising a frame including upright opposite side and back members, the former of which are provided with air inlets and the latter having an overhanging upper edge provided with an air outlet, a partition connected to the side and back members and disposed to one side of the air inlets, a perforated seat cushion between the side members and above the partition to form a compartment, a back cushion disposed between the seat cushion and the overhanging upper edge of the back member and secured thereby, said back cushion being disposed in spaced relation to the back member and cooperating with the latter to form a compartment having communication with said first named compartment, said back cushion having perforations

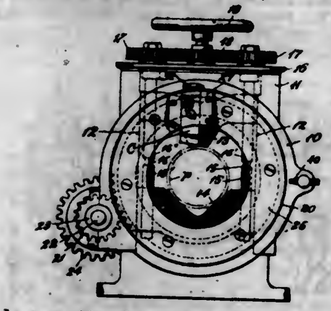
whereby free passage for the circulation of air is permitted between the said inlets and outlet and through said perforated cushions.

1,568,472. RAILROAD-TRACK-WEEDING MACHINE. AUGUSTE SCHEUCHZER, Renens, near Lausanne, Switzerland, assignor to Ferrodesherbeuse Scheuchzer Societe Anonyme, Renens, Switzerland. Filed July 31, 1923. Serial No. 654,938. 3 Claims. (Cl. 37—105.)



1. In a weeding machine, guide rails, a carriage mounted to travel between the guide rails, a parallel lever device adapted to swing in a vertical plane, a vertical pin on the carriage pivotally supporting the inner end of the lever device, and a plow connected with the outer end of the parallel lever device.

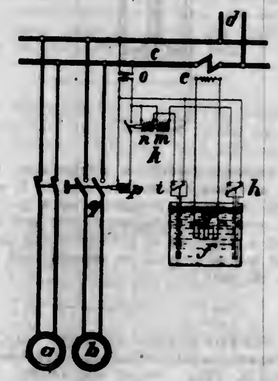
1,568,473. MACHINE FOR CUTTING OFF PIPE. CHARLES F. SCHMELZ, Bridgeport, Conn., assignor to The Curtis & Curtis Co., Bridgeport, Conn., a Corporation of Connecticut. Filed Dec. 30, 1924. Serial No. 758,809. 3 Claims. (Cl. 81—190.)



2. In a machine for cutting off pipe, the combination of the rotatable face plate, means for holding the pipe, a lug carried by said plate and cut away to form an opening, the L-shaped tool holder detachably secured within said opening, a feed screw stationary as to lengthwise movement and carried by said holder, a nut on said screw held as against independent rotation, a cutting tool removably carried by said nut, means for actuating said screw intermittently during successive rotations of said face plate, and a spider detachably secured to said plate and having a shouldered part along which said tool has a sliding contact and which resists the thrust of the tool during the operation of cutting off the pipe.

1,568,474. APPARATUS FOR EFFECTING THE AUTOMATIC CONNECTING AND DISCONNECTING OF ELECTRICAL MACHINE UNITS. FRITZ SCHMIDLIN, Baden, Switzerland, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Filed Aug. 7, 1922. Serial No. 580,263. 6 Claims. (Cl. 171—118.)

1. In an apparatus for effecting the automatic connecting and disconnecting of electrical machine units, the combination, with a network, bus-bars feeding said network, an electrical machine unit normally connected to said bus-bars, a relieving unit intended to be connected to help said normal machine when the network load exceeds a predetermined amount, and to be disconnected when the network load drops below a predetermined amount, leads connecting said relieving unit to said bus-bars, and a switch located in said leads, of two thermal relays means for exposing said relays to the heating effect of the network current, one relay controlling the closing and the other controlling the opening of the switch, and means connecting said thermal relays to said switch, whereby said relieving unit is connected to and disconnected from the network circuit, according as the network load exceeds or drops below a predetermined amount, the connecting in of said relieving unit being effected by the occurrence of a larger network current or higher heating effect of the network current than the corresponding limits at which said relieving unit is disconnected.

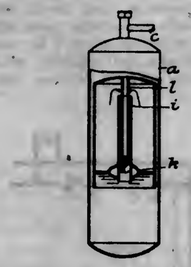


1,568,475. SLIDE RULE. RICHARD SCHWANDA, Hotting-Innsbruck, Austria. Filed Aug. 26, 1921. Serial No. 495,701. 5 Claims. (Cl. 235—70.)



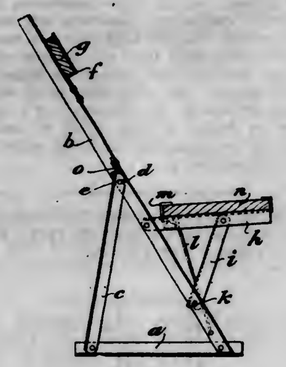
1. A slide rule comprising in combination, two flat slidably engaged slides of substantially equal length, one slide being U-shaped in section and embracing one longitudinal edge and the adjacent portion of the faces of the other slide.

1,568,476. AMMONIA-ABSORPTION REFRIGERATOR. CARL SENSENBRENNER, Dusseldorf-Oberkassel, Germany. Filed Dec. 16, 1924. Serial No. 756,309. 4 Claims. (Cl. 62—118.)



1. In an ammonia-absorption refrigerator, the combination with a vessel adapted to contain a solution of ammonia and to serve alternately as a generator and an absorber, and a bell adapted to rise and fall within the vessel, of a pipe open at both ends and shorter than the bell, and means adapted to support said pipe vertically within the bell.

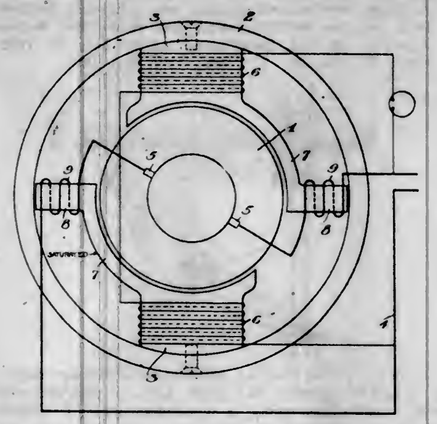
1,568,477. SUPPORT FOR SEATING ACCOMMODATION. FRANK SMALL, Winnipeg, Manitoba, Canada. Filed Feb. 18, 1925. Serial No. 10,060. 2 Claims. (Cl. 155—196.)



1. A support for seating accommodation comprising a main support pivoted upon a base, a brace pivoted upon the said base and adapted to engage upon the said support, a bracket securely mounted upon the upper part of the said support adapted to hold a back rest, a seat supporting arm pivoted upon the said main support with a brace pivoted upon the said arm which said brace has its end slotted for engagement upon a stud near the base of the said main support, and a brace rod connected from the said main support to a clamp adapted to be fastened to the back edge of a seat member supported on the said seat supporting arm.

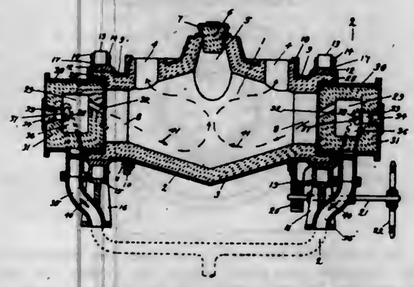
1,568,478. GENERATOR. ERASMUS D. SMITH, Rochester, N. Y. Filed Oct. 22, 1923. Serial No. 670,032. 10 Claims. (Cl. 171—227.)

1. A generator comprising a field including a frame and pole pieces, an armature, diverting means arranged to divert magnetism from the pole pieces around the armature instead of through it, and means acting automatically to vary the amount of magnetism so diverted in accordance with changes in the amount of generated current, said diverting means being so constructed that there is no substantial increase in diverted magnetism



and no substantial decrease in the main field strength upon reversal of current when the generator acts as a motor, whereby the generator may safely operate as a motor without excessive speed.

1,568,479. OIL FURNACE. VLADIMIR B. SOUNITZA, New York, N. Y. Filed Feb. 25, 1925. Serial No. 11,473. 6 Claims. (Cl. 263—33.)

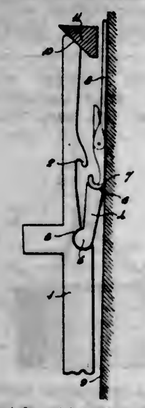


1. In an oil furnace, the combination with a combustion chamber, gas generating chambers at the opposite ends of said combustion chamber, wall separating said gas generating chambers from said combustion chambers, said walls being provided with apertures for the gases, said apertures being adapted to direct the gas flames towards the lower portion of said combustion chamber near its center, exhaust ports in said combustion chamber adapted to receive the products of combustion on their return path from the central portion of said combustion chamber, and means to introduce a liquid fuel into said gas producing chambers.

1,568,480. JACK OR SLIDER FOR USE IN CIRCULAR-KNITTING MACHINES. WILLIAM SPIERS, Leicester, England. Filed Dec. 24, 1923. Serial No. 682,568. 8 Claims. (Cl. 66—21.)

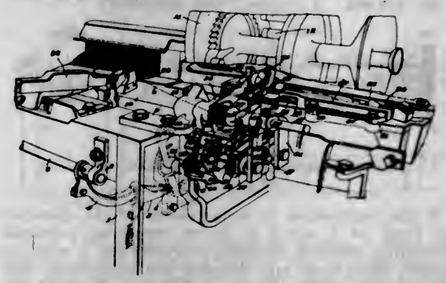
1. A slider for co-operation with a knitting machine needle, comprising a nose part adapted to engage the

inside of the needle hook, and a shoulder part for engagement with the outside of the needle hook, one of said



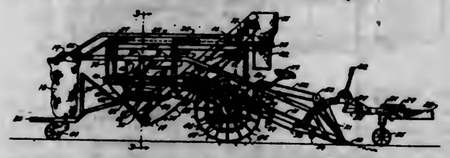
parts having a socket in which the other part is mounted so as to have pivotal movement with respect to said socketed part.

1,568,481. FILLING-END CONTROLLER. ALFRED E. STAFFORD, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed May 27, 1925. Serial No. 33,161. 14 Claims. (Cl. 139—256.)



1. In a filling replenishing loom, the combination of the lay, a shuttle box at the replenishing end of the lay having a front wall provided with an open slot extending downwardly through the lower edge of the wall in register with the feeler slot of the shuttle when in replenishing position and means engaging the spent filling at the feeler slot near the inner end of the shuttle and withdrawing it frontwardly across the lower edge of the wall about the cloth selvage as a center.

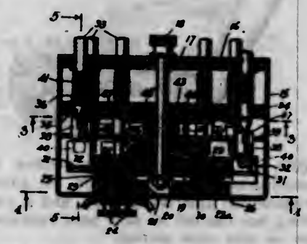
1,568,482. POTATO HARVESTER. JAMES THOMPSON, Greeley, Colo. Filed Feb. 4, 1924. Serial No. 690,482. 5 Claims. (Cl. 55—9.)



1. A potato harvester comprising the combination of a plow for digging the potatoes; an open bar chain for elevating the potatoes; rollers positioned each side of said plow for gathering the potato vines onto said chain and driving means for rotating said rollers in opposite directions.

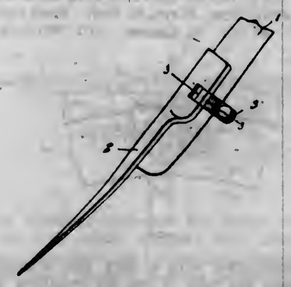
3. The combination in a potato harvester of a plow for digging the potatoes; an elevating chain for receiving the potatoes and vines from said plow and sifting the clods therefrom; a second chain of a wider pitch for sifting the potatoes from said vines; a third chain of narrow pitch positioned to receive the potatoes as they drop through said second chain and carry them to the side of the harvester; an elevator chain positioned to receive the potatoes from said third chain and convey them forwardly and upwardly to the top of the harvester; an endless belt positioned on the top of the harvester over said elevating and said second chain and arranged to receive the potatoes from said elevator chain and convey them rearwardly and bag holders for the reception of the potatoes from said belt.

1,568,483. PERMUTATION SWITCH LOCK. JAMES J. TOLBERT, Los Angeles, Calif. Filed Dec. 13, 1923. Serial No. 680,571. 7 Claims. (Cl. 200—45.)



1. A permutation switch lock comprising a stationary contact, a movable member, a movable contact secured to the member, means for urging the member to a position in which the movable contact is out of engagement with the stationary contact, projections on the member, a plurality of plungers, certain of which have cams adapted to engage the projections for moving the member against the action of said urging means, means for normally urging the plungers to a projected position wherein the cams are out of engagement with the projections, said urging means being yieldable to permit the pushing of the plungers into retracted position to cause said cams to engage said projections, and means for latching the plungers in retracted position.

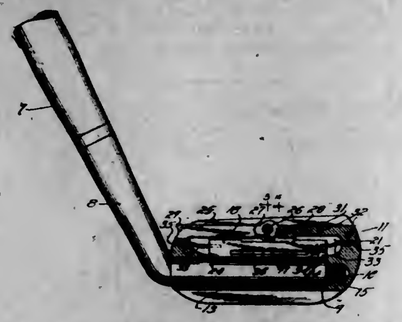
1,568,484. CULTIVATOR SHOVEL. GEORGE TOLMAN, Sheldon, Iowa. Filed May 12, 1923. Serial No. 638,601. 1 Claim. (Cl. 97—198.)



A cultivator shovel of the class described comprising a body in the form of a single piece of material including a relatively wide portion forming a blade, and a relatively narrow portion forming an attaching neck, said neck being substantially V-shaped in cross section, and being adapted for reception of a handle, the apex thereof to be spaced from said handle, said neck being provided with oppositely disposed openings, and clamping means

for connecting the neck to the handle, said clamping means comprising a pair of duplicate members formed at their free ends with laterally directed hooks for reception in said opening, curved intermediate their ends to conform to the contour of the handle, and provided with ears having openings for passage of a retaining bolt.

1,568,485. GOLF CLUB. LEE L. TURNEY, Milwaukee, Wis. Filed Mar. 6, 1925. Serial No. 13,445. 24 Claims. (Cl. 273—79.)



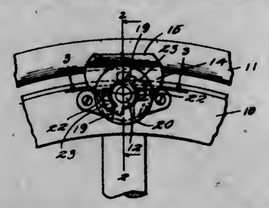
1. In a golf club, a shaft, a stem portion, a head rotatably mounted on said stem portion, for adjustment about the longitudinal axis of the head, and a vertically slidable locking bar carried by said head engaging locking shoulders on said stem portion.

1,568,486. BOAT. JULIUS VON WALDY, New York, N. Y. Filed Mar. 8, 1924. Serial No. 697,917. 11 Claims. (Cl. 9—2.)



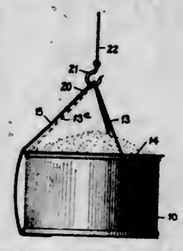
9. A hull for boats and the like comprising, in combination, a flexible inflatable bottom of vulcanized, reenforced fabric having reinforcing beads therein.

1,568,487. RETAINING DEVICE FOR RIM LUGS. ALBERT F. VUEPILLAT, Fargo, N. Dak. Filed July 21, 1925. Serial No. 45,074. 5 Claims. (Cl. 301—19.)



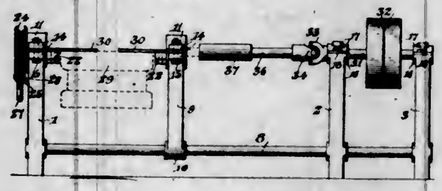
5. In combination with a felly and demountable rim mounted upon the felly, a lug for retaining the rim in position upon the felly, a bolt extending through the felly and lug, a nut engaging the bolt, a washer disposed between the nut and lug, said nut having projecting portions, said washer and lug each having an opening corresponding in shape to the shape of the nut whereby they are removable over the nut and means upon said washer limiting relative rotation of the nut and washer maintaining the projecting portions of the nut out of alignment with the corresponding portions of the openings of the washer during tightening of the nut, and aligning said projecting portions with the corresponding portions of the opening during loosening of the nut.

1,568,488. HOISTING BUCKET. FRANCIS H. WEEKS, New York, N. Y. Filed May 16, 1924. Serial No. 713,804. 3 Claims. (Cl. 294—73.)



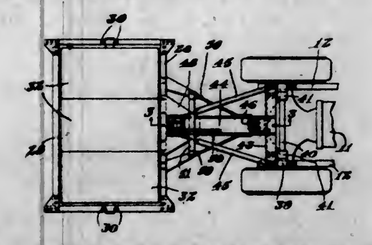
1. A flat bottomed cylindrical hoisting bucket having a bail at the top hung off the centre of the bucket, a dumping line at the bottom arranged to extend over the side and top of the bucket to meet the bail and detachably connect with a hoisting hook, and means for attaching the dumping line in different places across the bucket bottom.

1,568,489. BURNING-IN STAND. LOUIE BEALE WHEELER, Memphis, Tenn. Filed July 24, 1924. Serial No. 727,988. 3 Claims. (Cl. 29—89.5.)



1. The combination in an apparatus of the character set forth, of a series of spaced supporting pedestals, connecting elements extending therebetween, a shiftable member slidable on said elements and cooperating with one of said pedestals for the support of an engine block, a revoluble bearing upon the top of said member and cooperating pedestal, means carried by each bearing to support an engine block at any desired angle upon revolution of one of said bearings, and means associated with one of said bearings for transmitting power thereto to revolve the same and the engine therewith.

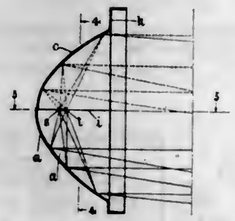
1,568,490. ROAD-WORKING MACHINE. ROY J. WINSOR, Bucyrus, Ohio. Filed Nov. 14, 1924. Serial No. 749,860. 2 Claims. (Cl. 94—50.)



1. An improved roller for roads and the like, including, in combination, a rectangular framework, a roller mounted for rotative movement in said framework, a plurality of members pivotally attached to the front

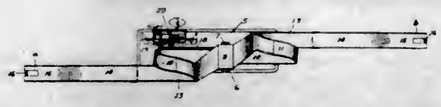
end of said framework, said members being adapted to be pivotally attached to a propelling mechanism, and means associated with the members and with the framework for preventing too great an angular movement of the framework with respect to the propelling mechanism.

1,568,491. PROJECTION LAMP. HAROLD WORKMAN, Glasgow, Scotland. Filed Dec. 16, 1922. Serial No. 607,328. 11 Claims. (Cl. 240—41.)



1. In a reflector for lamps projecting a beam of light, the combination of a substantially paraboloidal surface extending above the source of illumination of the lamp and having a focus substantially at the rear end of said source of illumination and a substantially paraboloidal surface extending below said source of illumination and having a focus at substantially the front end of said source of illumination, said paraboloidal surfaces being set with their axes in the horizontal plane but with an axis of said upper surface set at an angle to an axis of said lower surface.

1,568,492. LOOP-THE-LOOP TOY. BRUNO ZABEL, Feura Bush, N. Y. Filed Apr. 29, 1925. Serial No. 26,634. 10 Claims. (Cl. 104—55.)



1. A mechanical toy comprising a base, a track supported above the base having a pair of loops therein, the track at each side of the two loops being inclined, car receiving terminals at each end of the track, and means for alternately raising each end of the track and alternately lowering the opposite end.

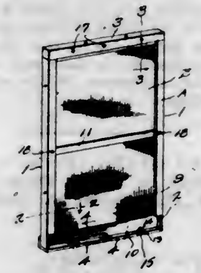
1,568,493. COMBINED TOBOGGAN AND SLED. GEORGE ALLEN, Hillman, Minn. Filed Jan. 17, 1925. Serial No. 3,164. 8 Claims. (Cl. 280—12.)



1. In a device of the class described, a frame, runners of unequal transverse dimensions, and means for pivoting the runners to the frame to permit the runners to lie horizontally, or stand vertically, thereby enabling the device to be used as a toboggan or as a sled, at the will of an operator.

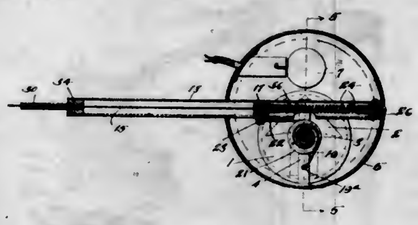
8. In a device of the class described, a frame, runners of unequal transverse dimensions, means for pivoting the runners to the frame to permit the runners to lie horizontally or stand vertically, thereby enabling the device to be used as a toboggan or as a sled, at the will of an operator, means under the control of an operator for moving the runners to cause them to assume horizontal and vertical positions; braces mounted to swing on the frame and cooperating with the runners when the runners lie horizontally, mechanism for operating all of the braces from a single point of force-application; a prow pivoted to the frame and cooperating with the runners, when the runners lie horizontally, to prevent the runners from digging into the snow, and means under the control of an occupant of the device for moving the prow to and from operative position with respect to the runners.

1,568,494. WINDOW SCREEN. GEORGE ANASTAS, Pocatello, Idaho. Filed Apr. 21, 1924. Serial No. 708,035. Renewed Oct. 19, 1925. 1 Claim. (Cl. 156—14.)



In combination, a frame formed of a plurality of rails having channels therein, the bottom rail being substantially L-shaped in cross section and the bottom portion thereof provided with a plurality of transversely extending slots countersunk on the under surface of the rail, a screen insertable in the rails, means for fixing the screen to the top and bottom rails, a plurality of L-shaped lugs attached to the lower edge of the screen, and bolts having their heads fitted in the countersunk recesses associated with the slots so that the shanks pass through the slot and pierce the lugs all in the manner and for the purpose specified.

1,568,495. DIRECTION INDICATOR FOR MOTOR VEHICLES. GEORGE E. BATES, Syracuse, N. Y. Filed July 7, 1922. Serial No. 573,272. 14 Claims. (Cl. 116—47.)



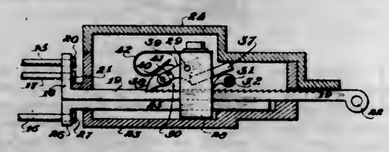
1. In a direction indicator for motor vehicles, the combination of a signal, movable from neutral position in opposite directions, and operating mechanism therefor, comprising a movable member connected to the signal, a prime mover movable in opposite directions from neutral position, and means for transmitting the movement of the prime mover of said member, comprising a pull element and means controlled by the prime mover, and connected to opposite ends of the pull element to pull the same in one direction or the other in accordance with the direction or movement of the prime mover from neutral position.

1,568,496. PENHOLDER. OTIS H. BURDETTE, Atlanta, Ga. Filed Mar. 28, 1922. Serial No. 547,437. 1 Claim. (Cl. 120—98.)



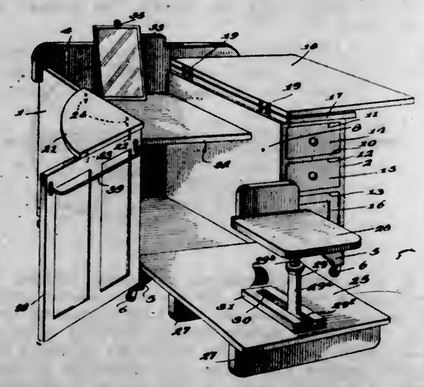
A penholder comprising a staff having a reduced end portion, a ferrule fitted on the reduced end of the staff, a sleeve encircling said reduced end portion of the staff within the ferrule, the ferrule projecting beyond the end of said sleeve, a finger integral with and extending from the end of the sleeve beyond the reduced end portion of the staff and arranged to receive between it and the wall of the ferrule the butt end of a pen point to be held, the said finger having a downwardly and forwardly rounded nose, and a yieldable resilient pen seating finger integral with and extending from the end of the sleeve below the first-mentioned finger and housed within the ferrule and having its free end rounded longitudinally and transversely to coact with the wall of the ferrule at a point in advance of the extremity of the first-mentioned finger.

1,568,497. BRAKE SYSTEM. EDWARD C. BURNS, Winona, Minn., assignor to John E. Burns, Winona, Minn. Filed Sept. 24, 1924. Serial No. 739,674. 7 Claims. (Cl. 74—110.)



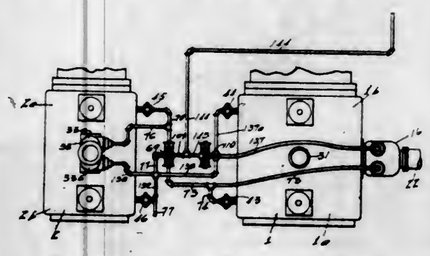
1. The combination, with a brake and two relatively adjustable brake operating bars, of a ratchet and pawl connection between the two operating bars, whereby the two brake operating bars may be adjusted and locked with respect to each other.

1,568,498. WORK CABINET. AMBROSE CALIVER, Nashville, Tenn. Filed Nov. 30, 1923. Serial No. 677,796. 2 Claims. (Cl. 45—38.)



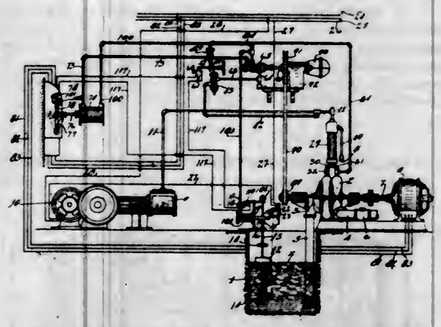
1. A device of the character described comprising a case having a compartment open at the front and at its upper end, a panel supported upon the bottom wall of the compartment for movement to and from position within the compartment, a seat supported on said panel in position to be disposed upright, a substantially horizontal supporting member disposed in the upper part of said compartment, said supporting member constituting a combined shelf and second seat, and a swinging cover section for closing the compartment at its upper end, said cover section being adapted to be swung from position to close said compartment to horizontal position at one side of the compartment to support articles in position conveniently accessible to a person who is seated on said second named seat.

1,568,499. PUMP-CONTROLLING MECHANISM. RUDOLPH CONRADER, Erie, Pa. Filed Feb. 21, 1922. Serial No. 538,207. 36 Claims. (Cl. 230—24.)



1. In a pump, the combination of a low pressure cylinder; a high pressure cylinder; pistons in said cylinders pumping at both ends of said cylinders; unloaders for said cylinders, said unloaders operating to close the intakes of each end of said cylinders independently; and means controlling said unloaders to operate one unloader of the low pressure cylinder in unison with one unloader of the high pressure cylinder and independently of the other ends of said cylinders and to unload the remaining ends of said cylinders in unison subsequently to the unoading of the first-mentioned ends.

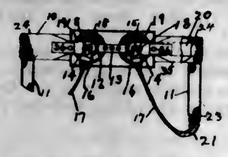
1,568,500. PUMP-CONTROLLING MECHANISM. RUDOLPH CONRADER, Erie, Pa. Filed Sept. 12, 1923. Serial No. 662,200. 44 Claims. (Cl. 103—113.)



1. In a pump controlling mechanism, the combination of a rotary pump; a motor driving said pump; mechanism controlling said motor; a suction priming means connected to the rotary pump; and means actuated by the suction pressure controlling said mechanism.

1,568,501. TRUSS. ALFRED C. COOKE, South Manchester, Conn. Filed Nov. 16, 1921. Serial No. 515,670. 7 Claims. (Cl. 128—101.)

1. A truss comprising a pad support, a belt, and a pair of pendant leg straps, the front ends of said belt and straps being connected to said pad support. the rear ends of said straps being connected individually to the opposite sides of said belt, and the structure con-

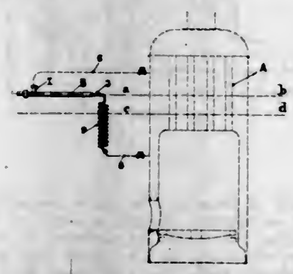


stituting the rear portion of said belt and the structures constituting the rear portions of said leg straps being all of longitudinally elastic character.

1,568,502. EXPLOSIVE. TENNEY L. DAVIS, Somerville, Mass. Filed Mar. 8, 1924. Serial No. 697,948. 2 Claims. (Cl. 260—142.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)

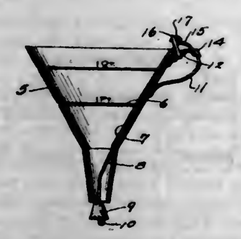
1. An explosive composition having as one of its elements hexanitrocarbanilide.

1,568,503. BOILER-SUPPLY SYSTEM. ROBERT LUCIEN D'ESPUJOLS, La Varenne, St.-Hilaire, France. Filed Apr. 4, 1923. Serial No. 629,945. 4 Claims. (Cl. 103—15.)



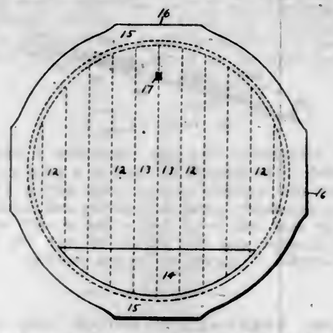
1. In a system for controlling the supply of liquid to a boiler feed pump a fluid operated prime mover therefor and a device for automatically controlling said fluid comprising an expansible container and a conduit connecting said container with the boiler above the normal liquid level therein and a second conduit comprising a heat radiating portion connecting said container with the boiler below the normal liquid level therein.

1,568,504. FUNNEL. GLEN R. DUGGAN, Binger, Okla. Filed Aug. 24, 1923. Serial No. 659,114. 1 Claim. (Cl. 226—36.)



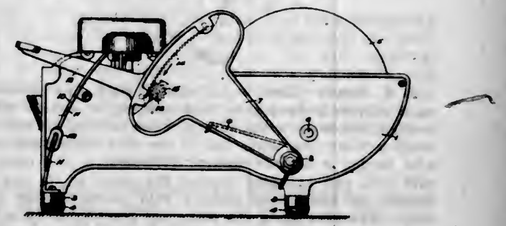
In combination with a funnel having a valve normally urged to closing position by a leaf spring attached to the funnel handle and to the valve rod, a spring manipulating and locking ring pivoted to the handle intermediate the valve rod and point of attachment of the spring to the funnel handle.

1,568,505. NONGLARE LENS AND LAMP THEREFOR. WALTER T. FISHLEIGH, Detroit, Mich. Filed Dec. 16, 1921. Serial No. 522,773. 4 Claims. (Cl. 240—48.4.)



1. A lens of the character described having a series of vertical ribs disposed in vertical zones with the ribs of the center zone having a curvature different from the ribs on the side zones extending thereacross, and a single horisontal rib extending across said lens near only one edge thereof.

1,568,506. STRIP-SERVING MACHINE. TREVOR R. GAUTIER, Nashua, N. H., assignor to Nashua Gummed & Coated Paper Company, Nashua, N. H., a Corporation of Massachusetts. Filed May 20, 1924. Serial No. 714,592. 38 Claims. (Cl. 91—14.5.)

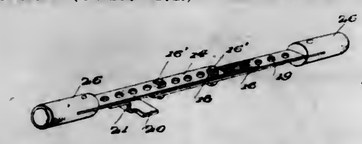


1. In a machine for serving strips of adhesive tape, a frame or housing having opposite side walls and with provisions for supporting a package of tape, tape feeding means, tape severing means, a reservoir having a rotatable moistener for the tape, a gear co-axial with the moistener, a gear 21 between the feeding means and the moistener gear to impart rotation to the latter, and supporting means for the gear 21 including a stud 22 provided with a flange 23 overlying the inner face of the gear 21, and means to support said stud 22 in position.

1,568,507. RAILROAD-TIE COMPOSITION AND PROCESS. HENRY GEORGE JAEGER, Rose Hill, Calif, assignor of one-fourth to Everett R. Lambertson and one-fourth to George P. Clements, both of Eagle Rock City, Calif., and one-fourth to Julius Schneider, Los Angeles, Calif. Filed Oct. 4, 1922. Serial No. 592,421. 3 Claims. (Cl. 106—29.)

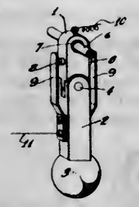
3. In the process of preparing from plastic materials structural units such as railroad ties especially suitable for use in tropical climates the steps which comprise conditioning a loose fibrous organic material by saturating the same with a preservative comprising a phenol, drying the same, saturating the product with a solution of magnesium chloride, adding calcined magnesite thereto, separately preparing a mixture of finely powdered silica and finely powdered calcined magnesite, associating all the materials above referred to, and moistening the whole with sufficient of a solution of magnesium chloride to give the same a plastic consistency.

1,568,506. SWITCH ATTACHMENT. ELMER JOHNSON, Warren, Ariz. Filed May 27, 1922. Serial No. 564,152. 2 Claims. (Cl. 200—172.)



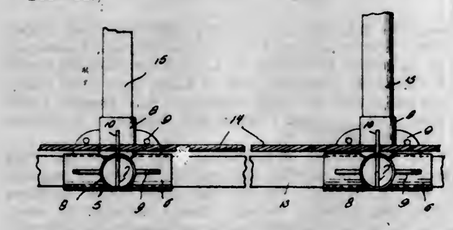
1. A wall switch structure comprising a switch member pivotally mounted in the wall at a point between the opposite side surfaces thereof, rods having overlapping sections adjustably connected together and movable in the wall, the said rods being located one at each side of the switch member and one section of each rod having a plate adapted to engage the switch member.

1,568,509. THEFT-ALARM SWITCH FOR AUTOMOBILES. CHARLES H. KOLLINO and REINHOLD PRIETZ, Jersey City, N. J., assignors of three-eighths to Oscar O. Lauckner, Hoboken, N. J., and three-eighths to Oscar A. Weissenborn, Jersey City, N. J. Filed Nov. 10, 1923. Serial No. 673,869. 2 Claims. (Cl. 200—52.)



1. A circuit closer embodying a rigid link mounted on a relatively fixed pivot and carrying a contact intermediate its ends, a second rigid link pivoted to and extending below the lower end of the first named link and also having a contact secured intermediate the ends of said link and extended beyond the pivot of its link to engage the first-named contact, said contacts being normally separated when the links are gravitating in quiescent condition, but being adapted to engage one another and complete a circuit in which said contacts are adapted to be included when the quiescence of the rigid links is disturbed.

1,568,510. LONGÉRON AND STATION BRACE FOR AEROPLANE FUSELAGES. ROMAN S. KWASIGROCH, Cudahy, Wis. Continuation of application Serial No. 25,932, filed Apr. 25, 1925. This application filed June 29, 1925. Serial No. 40,293. 1 Claim. (Cl. 244—31.)

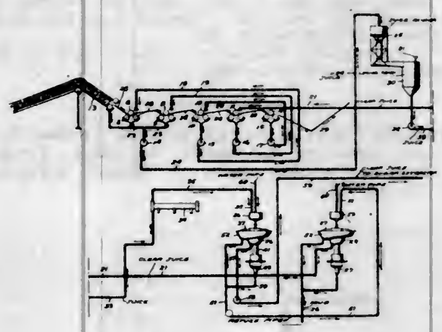


A device of the class described including a body having longitudinally aligned receptacles for receiving longéron sections, and separated by a partition, and a station receiving receptacles rectangularly disposed to the longéron section receptacles, fins connecting the receptacles and provided with apertures, one of said fins provided with an opening for receiving a pressure wire.

1,568,511. COMPENSATING THE COPYING INTENSITY OF CINEMATOGRAPHIC PICTURE FILMS. ERICH LEHMANN, Berlin-Charlottenburg, Germany. Filed June 27, 1924. Serial No. 722,865. 4 Claims. (Cl. 95—5.)

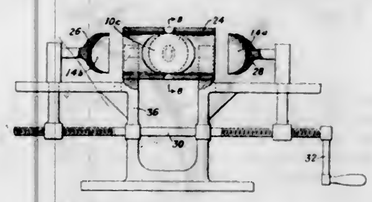
1. The process of compensating differences of density of cinematographic picture films, which consists in impregnating the gelatine conting of the film with a coloring agent incapable of yielding fast colorations therewith.

1,568,512. METHOD AND APPARATUS FOR THE MANUFACTURE OF SUGAR. ALBERT P. LEONARD, New York, N. Y. Filed July 26, 1921. Serial No. 487,693. 6 Claims. (Cl. 127—8.)



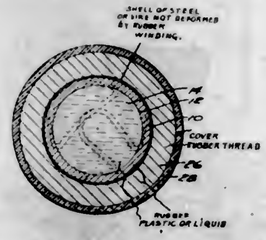
6. A method of manufacturing sugar comprising passing bagasse successively through a series of crushing mills, conveying juice from the foremost of said mills to separators, extracting the clear juices from said separators, separating sugar from the clear juice of one separator, introducing water into the residuum in another separator, returning the clear juice from the separators to an intermediate mill of the series, returning the juice from said intermediate mills to the foremost mills, returning the juice from the last mill of the series to a mill in advance of that receiving the liquid from the separators, and returning the juice from said advance mills to the foremost mill.

1,568,513. BALL. THOMAS A. LEWIS, New York, N. Y. Filed June 24, 1922. Serial No. 570,531. 10 Claims. (Cl. 154—17.)



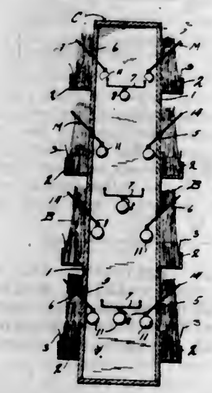
7. The process of making a ball, which consists in providing a core having a substantially undeformable metallic exterior and winding elastic thread, tape, cord or the like upon said core, the windings being applied under undiminished tension from the start.

1,568,514. PLAYING BALL. THOMAS A. LEWIS, New York, N. Y. Filed Dec. 22, 1923. Serial No. 682,197. 29 Claims. (Cl. 273—62.)



1. A playing ball having an interior shell formed in halves with their edges scalloped or serrated.

1,568,515. PAPER-BAG RACK. WILLIAM M. LIGON, Lynchburg, Va. Filed May 7, 1925. Serial No. 28,712. 2 Claims. (Cl. 211—2.)



1. A rack of the class described comprising a supporting wall, an outstanding shelf carried thereby, a pair of transversely spaced openings extending through the wall above the shelf, said openings being disposed on a downward and inward incline, a substantially rectangular clamping member having its side bars freely disposed through said openings in the wall, and a weighted member carried by the inner cross bar for constantly urging the outer cross bar toward the wall.

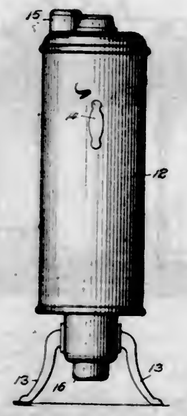
1,568,516. MACHINE FOR PUMPING FLUIDS FROM WELLS. ALVIN H. LOW, Los Angeles, Calif. Filed July 21, 1923. Serial No. 653,023. 1 Claim. (Cl. 103—188.)

The combination, in a machine for pumping fluids from wells, of a working-barrel, an upper valve, a lower valve, a hollow plunger, a head to the working-barrel, an anchor, a coupling trap for the upper valve, and a discharge tube:—when in the well, the working-barrel is located at any desired point; the lower valve located within and at the bottom of the working-barrel, the upper valve located within said coupling; the said head being attached to the upper end of the working-barrel and serving as guide to the said discharge tube and a bar to the removal of the plunger while within the well; said anchor being attached to the lower end of the working-barrel and extending down to the bottom of the well, and of sufficient weight to prevent the up stroke of the plunger from raising the working-barrel, yet light and free enough to be withdrawn from the well along with the other apparatus therein when desired; the lower end of said coupling being attached to the upper end of the plunger and its upper end being attached to the lower end of said discharge tube, said tube being slotted at its lower end and projecting into the coupling whereby a passage is provided about the valve when the latter is forced to its upper position



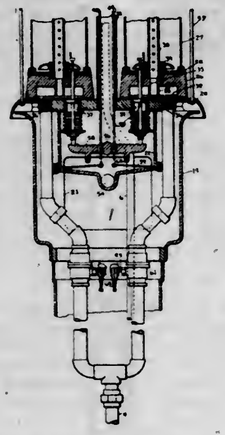
against the lower end of the tube, such tube performing the functions of discharge tube and sucker-rod, its lower end connected with the plunger by the said coupling, and its upper end protruding from the well above, and adjustable to any machinery adapted to give it the necessary up and down motion in the work of pumping; all substantially as, and for the purposes described, set forth and shown.

1,568,517. LIQUID-MEASURING APPARATUS. GEORGE W. MACKENZIE, Beaver, Pa. Filed Aug. 10, 1921. Serial No. 491,114. 8 Claims. (Cl. 73—28.)



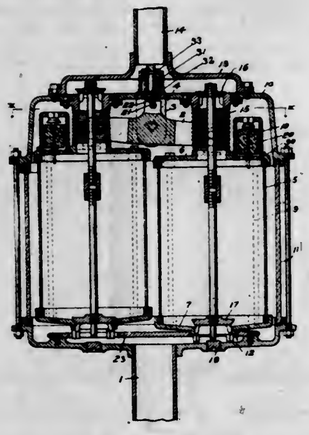
1. In liquid-measuring apparatus, the combination, with an oscillating liquid balance, including a bucket borne in counter-poise and having a bottom discharge, of a float in said bucket, and means for measuring the range of the movement of the float in its descent.

1,568,518. LIQUID-DISPENSING APPARATUS. GEORGE W. MACKENZIE, Springfield, Ill. Filed Oct. 24, 1922. Serial No. 596,586. 13 Claims. (Cl. 221—100.)



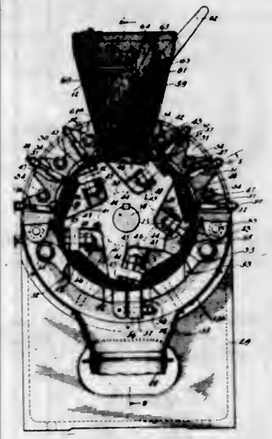
1. In liquid-dispensing apparatus a fixture including a platform, a perforate pipe secured to an orifice in and rising from said platform, a measuring chamber encircling said pipe and resting upon said platform and secured in position by a nut applied to said perforate pipe above, a source of liquid supply communicating by means of a valved passageway to and through the orifice in said platform and through said perforate pipe to said measuring chamber, means for exhausting air from said measuring chamber, and means for withdrawing liquid from said measuring chamber.

1,568,519. LIQUID-MEASURING APPARATUS. GEORGE W. MACKENZIE, Beaver, Pa. Filed Apr. 5, 1923. Serial No. 630,094. 8 Claims. (Cl. 73—28.)



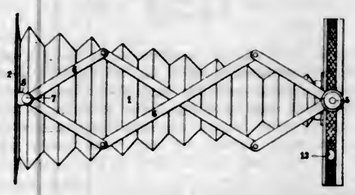
1. In liquid-dispensing apparatus the combination of a conduit for liquid, a liquid balance in communication with said conduit and including an oscillating beam and a pair of liquid containers borne in counter-poise by said beam, means opposing a yielding resistance to beam oscillation, and means for rendering the said liquid balance responsive to the hydrostatic pressure of a stream of liquid supplied through said conduit.

1,568,520. ROTARY CUTTING MACHINE. ALBERT L. MARTENS, Bellmore, N. Y., assignor of one-half to Frederick A. Conrad, Brooklyn, N. Y. Filed Aug. 1, 1923. Serial No. 654,972. 11 Claims. (Cl. 146—117.)



1. In a machine of the class described, a sectional rotor, knives extending longitudinally of the rotor in spaced relation, means to secure the knives to the rotor, the sections of the rotor having for each knife a plurality of alined undercut radial recesses for each knife into which the securing means for the knives extend, and a common guard gate for the recesses of each knife to box in the securing means.

1,568,521. SOUND AMPLIFYING AND REPRODUCING DEVICE FOR TALKING MACHINES AND OTHER SOUND-REPRODUCING INSTRUMENTS. ADOLPH MIDENCE, Paris, France. Filed Dec. 15, 1924. Serial No. 756,152. 4 Claims. (Cl. 181—27.)

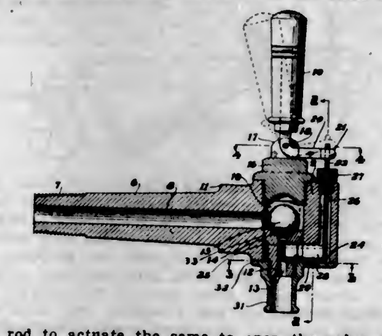


1. A sound amplifying and reproducing device for sound reproducing instruments comprising a light flexible extensible and collapsible horn, a frame secured to the large end of said horn, a reproducing diaphragm secured to the small end of the horn, and means for causing the length of the horn to vary for varying the degree of amplification and the quality of sound, said means functioning to hold the horn in its various adjusted positions.

1,568,522. GAUGE COCK. WILLIAM MITTERREITER, Memphis, Tenn. Filed Nov. 22, 1924. Serial No. 751,626. 3 Claims. (Cl. 251—133.)

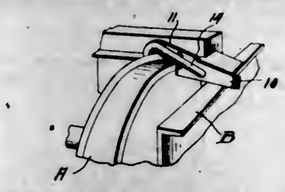
1. In a gauge cock, the combination of a valve chamber provided with an inlet and an outlet passageway, a valve in said chamber normally closing the outlet, the wall of said valve chamber having a bore substantially parallel to the outlet passageway with a slot connecting the bore to said passageway, a valve operating rod mounted for reciprocation in said bore with its inner end portion

turned laterally and extending through said bore and terminating in a return bent end engageable underneath the valve, means operatively connected to the outer end of



the rod to actuate the same to open the valve, and a packing gland surrounding said rod at the outer end of the bore to prevent leakage.

1,568,523. WHEEL-LOCKING DOG. EPHRIAM W. MORRIS, Rockwood, Tenn., assignor of one-third to Oliver H. Anderson, Oneida, Tenn. Filed Oct. 28, 1924. Serial No. 746,428. 3 Claims. (Cl. 188—60.)



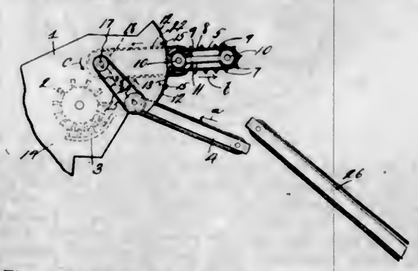
1. An emergency dog for locking railway car wheels comprising a straight body, an integral shank extending at a slight angle from the body and slightly offset with relation thereto to thereby provide a shoulder extending downward from the shank, the shank terminating in a hook, the bill of the hook extending from the body and the space between the shoulder and the bill of the hook being of sufficient depth to permit the hook to be disposed over the flange of the car wheel and extend inward of said flange to thereby permit the end of the body to bear against the edge of the wheel rim opposite the flange.

1,568,524. ADJUSTABLE BRUSH HANDLE. GEORGE NITZ, Omaha, Nebr., assignor to Frank Damato, Omaha, Nebr. Filed June 12, 1923. Serial No. 644,893. 1 Claim. (Cl. 306—17.)



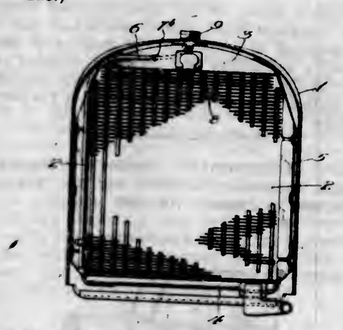
The combination with a relatively long brush head, of an adjustable handle carried thereby, said handle being secured centrally to a transversely disposed shaft, integral toothed discs carried by said shaft, toothed discs carried by the brush head at points spaced from its center, and through which discs the ends of the shaft extend, said toothed discs cooperating to hold the handle at various angles in relation to the brush head and nuts threaded on the outer ends of the shaft and flexible shafts connecting the brush carried discs to the brush, whereby during a handle adjusting operation the brush carried discs will spring outwardly in opposite directions.

1,568,525. FEEDING ATTACHMENT FOR THRASHING MACHINES. FRANK OSMERA, Wauneta, Nebr. Filed Oct. 22, 1924. Serial No. 745,182. 1 claim. (Cl. 198—161.)



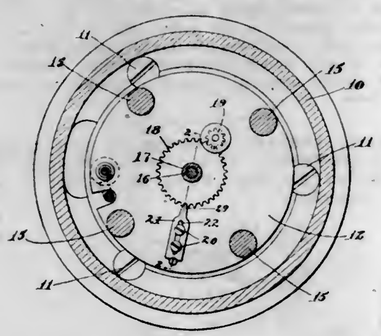
The combination with a thrashing machine having side boards, a conveyor drive shaft extending transversely therethrough, a fixed feeding conveyor, of an auxiliary conveyor above the feeding conveyor and adjustable towards and away from the feeding conveyor, driving connections between the feeding conveyors and the drive shaft, segmentally shaped brackets carried by the auxiliary conveyor, said segmentally shaped brackets engaging curved ends of the side boards concentric with the drive shaft and bolts extending through elongated slots of the segmentally shaped brackets and into the side boards.

1,568,526. RADIATOR. CHARLES WM. OWSTON, Detroit, Mich., assignor to McCord Radiator & Mfg. Co., Detroit, Mich., a Corporation of Maine. Filed July 14, 1924. Serial No. 725,790. 4 Claims. (Cl. 257—125.)



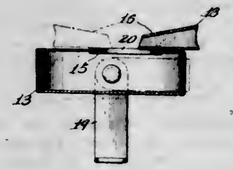
1. In a radiator, the combination of a tank and an overflow tube extending therethrough, the tank having one wall provided with a slit and the metal portions of the wall on opposite sides of the slit being respectively bent inwardly and outwardly from the plane of the wall to conjointly form an opening for receiving said overflow tube, and opposed bearing surfaces for the said tube, the diameter of the opening being substantially equal to the outside diameter of the tube and the bent bearing portions of the metal adjacent the opening extending in parallel planes at an angle inclined to the plane of the wall.

1,568,527. SAFETY-CLUTCH MECHANISM. CHARLES H. PEARSON, Brookline, Mass. Filed Jan. 14, 1925. Serial No. 2,425. 2 Claims. (Cl. 102—36.)



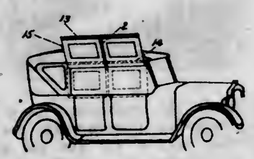
1. In a fuse, the combination of a rotatably mounted member, a gear secured thereto, a pivotally mounted pawl associated therewith and normally preventing rotation thereof, a longitudinally movable plunger associated with the pawl and normally preventing rotation thereof, and means associated with the plunger for permitting rotation of the pawl on the shock of firing only.

1,568,528. WHISTLE. EDWARD R. PETRIE, New York, N. Y. Filed May 24, 1924. Serial No. 715,520. 4 Claims. (Cl. 46—46.)



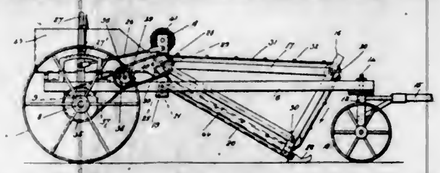
4. A whistle device of the class described comprising a hollow apertured body, and a mouthpiece part eccentrically mounted on said body and directed to said aperture, and a supporting ring pivotally mounted in connection with the opposite sides of said body and adapted when in inoperative position to extend about the periphery of said body.

1,568,529. AUTOMOBILE CURTAIN. BERNARD L. POLOSKIE, Lancaster, Pa. Filed Apr. 28, 1924. Serial No. 709,499. 5 Claims. (Cl. 296—138.)



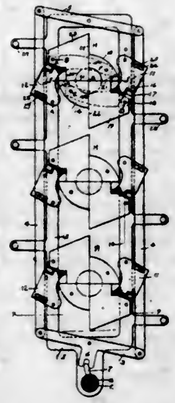
1. In a curtain structure, the combination of an anchor block, a vertical member hinged to said anchor block, a contractile spring, one end thereof being connected to said anchor block and the other end to said vertical member, and a roller between said block and said spring, said roller being free to roll on said anchor block and arranged to produce a tension in said spring.

1,568,530. HARVESTER FOR COTTON BOLLS. JORDAN L. PRICHARD, Canyon, Tex. Filed Apr. 8, 1924. Serial No. 703,882. 4 Claims. (Cl. 56—34.)



1. In a cotton harvester, a wheeled main frame provided with a pivot, uprights having their lower parts mounted on the said pivot, a triangular frame having its rear angle portion rigidly secured to the said uprights above their pivot, a series of teeth for stripping the cotton from the plants having their rear end portions rigidly secured to the lower parts of the uprights and projecting downwardly and forwardly, the lower side of the said triangular frame being arranged substantially parallel to the said teeth, a driving shaft journaled in the said uprights above their pivot, driving wheels secured on the said shaft, guide wheels journaled in the triangular frame at its front and lower angles, an endless conveyer carried by the said driving wheels and guide wheels and having its lower stretch arranged substantially parallel to the said teeth, and means which normally prevent the said uprights, triangular frame, teeth and conveyer from tilting on the said pivot.

1,568,531. CUT-OFF. ANITA S. REYNOLDS, Greenwich, Conn. Filed June 27, 1923. Serial No. 648,106. 26 Claims. (Cl. 49—14.)

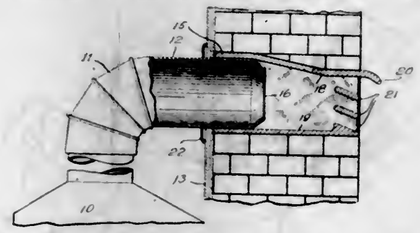


25. Apparatus of the character described, comprising a bottomless mold, a device adapted to form the bottom of the mold, said device comprising a plurality of flat bodies each having right angle edges, each of said bodies engaging two of said other bodies on their right angle edges, and means for sliding all of the bodies toward the apex of each of them, said bodies being in close contact during the sliding operation, the engaging edges of the bodies being beveled.

1,568,532. HOOD FOR COOKING RANGES. BENJAMIN RIESNER, New York, N. Y. Filed May 31, 1924. Serial No. 716,924. 1 Claim. (Cl. 98—27.)

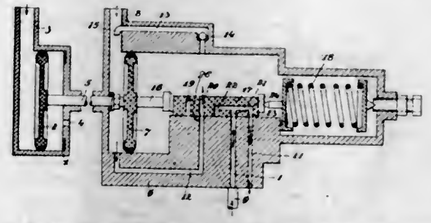
A ventilator comprising a metal box adapted to be positioned in a building wall in brick supporting relation thereto, the top wall of said box being inclined, the side walls of said box being outwardly flared to provide

a chamber therein, one end of said box having a constricted neck portion, a ventilator pipe extending through said neck portion to the interior of said box, the opposite end of said box being open at the outer face of the building wall and provided with a series of down-



wardly inclined vertically spaced baffles extending between the side walls thereof, the lowermost baffle being formed integrally on the box bottom to provide a guard ridge, and a water shed member formed on the top of said box and extending outwardly therefrom over the open end thereof.

1,568,533. AIR-PRESSURE RAILWAY BRAKE. JOHANN RIHOSEK, Vienna, and RICHARD LUDWIG LEUCHTER, Weidlingau-Hadersdorf, Austria, assignors to the Firm Gebrüder Hardy, Maschinenfabrik und Giesserei A. G., Vienna, Austria. Filed May 20, 1925. Serial No. 31,665. 12 Claims. (Cl. 303—74.)

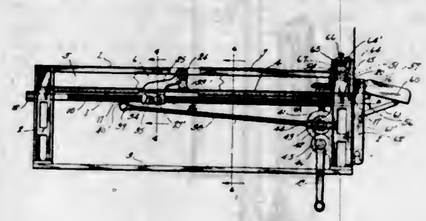


1. In a single chamber air pressure valve the combination of a train pipe, a casing, a piston working in such casing, a permanent connection from the train pipe to the casing, whereby one side of the piston is constantly under the action of the train pipe air pressure, means permanently acting with a substantially constant force on such piston in opposition to the train pipe air pressure, a brake control valve and a controlling element operatively connected to the said piston and adapted to control the connection between the escape side of the brake control valve and the atmosphere and simultaneously a connection between the two sides of the said piston.

1,568,534. ICE-CREAM CUTTER. WILLIAM H. RUTTLE, Seattle, Wash. Filed Nov. 14, 1922. Serial No. 600,940. 2 Claims. (Cl. 107—21.)

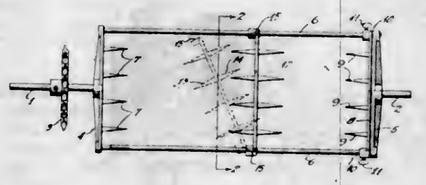
1. An ice cream cutter of the class described, comprising a frame including a guideway wherein ice cream bars may be advanced, a cutter frame removably fixed at one end of the guideway having blades therein against which the brick may be pressed to be divided lengthwise into strips, a blade rotatably supported and adapted to cut the strips transversely to form bars of equal size, a spreader plate mounted to spread the bars apart as they are advanced against it, a reciprocally mounted ratchet bar, a presser head for advancing the brick having ratchet connections with the bar whereby the brick will be advanced with each forward movement of the ratchet bar, means for reciprocating the bar and means synchronized therewith for revolving the transverse cutting blade.

2. In a machine of the class described, comprising a frame having a guideway therein for an ice cream brick, blades fixed at one end of the guideway against which the brick may be pressed to divide it into longitudinal strips and a revolving blade for cutting the strips transversely to form bars, of advancing means comprising a reciprocally movable ratchet bar, a presser head for the brick having a bracket slidable on the bar, a ratchet



pin mounted in the bracket to engage the teeth of the bar to effect advancement of the brick with each advancing movement of the bar, a crank shaft, a wheel on the shaft, a connecting rod fixed at one end to the ratchet bar and at its other end eccentrically to the wheel, and means connected with the crank shaft for actuating the revolubly mounted blade so that it will sever the brick between its advancing movements.

1,568,535. ADJUSTABLE SPIT. MAX SCHEY, Brooklyn, N. Y. Filed Jan. 13, 1925. Serial No. 2,068. 1 Claim. (Cl. 53—5.)

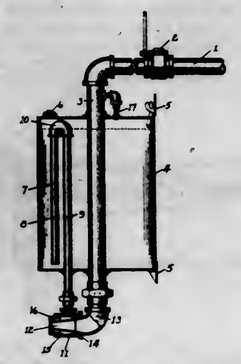


In a spit, a frame comprising a pair of brackets and parallel rods rigidly secured at their opposite ends to the brackets for spacing said brackets apart, in combination with trunnions associated with the brackets for mounting the spit for rotation, a plurality of prongs rigid with and carried by one of the brackets and projecting in the direction of the other, a follower mounted to slide on the rods and having prongs extending in the direction of the pronged bracket, whereby a roast may be gripped between the pronged bracket and the follower, a partition slidable on the rods between the follower and the pronged bracket and provided with rigid prongs projecting from both sides thereof to enable roasts to be supported between the pronged bracket and the partition and between the partition and the follower, and means for securing the follower against sliding when the roasts are in place.

1,568,536. FIRE EXTINGUISHER. SAMUEL S. SCHWAB, Toledo, Ohio. Filed Nov. 14, 1923. Serial No. 674,613. 1 Claim. (Cl. 169—15.)

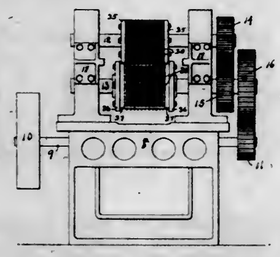
In a fire extinguishing apparatus, a container, a steam pipe connected with a source of supply of steam and extending through the container, a siphon located in the container extending through the bottom of the container, one end of the siphon terminating near the bottom of the container and within the container, and the other end terminating near the bottom of the container and on the outside of the container, a nozzle connected to said steam pipe, a shell surrounding the said nozzle, the

siphon connected to the said shell, the said shell having a ring forming an annular opening about the end of the nozzle for the said shell, the said ring extending a short



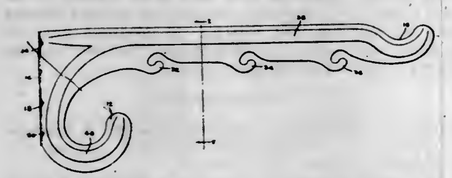
distance beyond the said nozzle and forming a spraying and suction means for drawing the material from the container, means for connecting the steam pipe with the top of the container.

1,568,537. RIBBING AND PERFORATING MACHINE. HENRY COLLIER SMITH, St. Marys, Ohio, assignor to The Quickwork Company, St. Marys, Ohio, a Corporation of Ohio. Filed May 16, 1924. Serial No. 713,722. 8 Claims. (Cl. 164—6.6.)



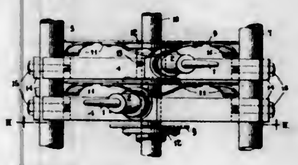
8. In a perforating and ribbing machine, a pair of rolls embodying ribbing and perforating dies alternating around the rolls and adapted to simultaneously rib and perforate a sheet of metal passing through between the rolls.

1,568,538. GARMENT-HANGER SUPPORT. MATTIE L. ARGO, Minneapolis, Minn. Filed Sept. 28, 1923. Serial No. 665,453. 2 Claims. (Cl. 45—13.)



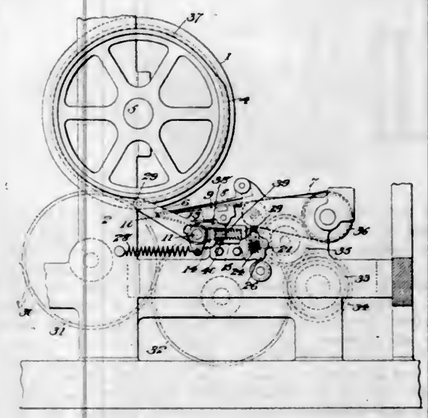
1. A garment hanger support consisting of a single piece of sheet metal having a horizontal member provided with a depression at the front of its upper edge and provided on its lower edge with a number of hooks, a large hook formed by a downward extension at the rear of said horizontal member and means integral with the rear of said member whereby the device may be attached to a wall or similar support.

1,568,539. SPINDLE-DRIVING MECHANISM. EUGENE ATWOOD, Stonington, Conn., assignor to Atwood Machine Company, Stonington, Conn., a Corporation of New Jersey. Filed Apr. 6, 1922. Serial No. 550,148. 6 Claims. (Cl. 118—46.)



1. A rotary spindle driving disc, a spindle disposed radially with respect to the axis of rotation of said disc, the face of the disc being provided with one or more sectional surfaces positioned to frictionally engage the spindle whorl.

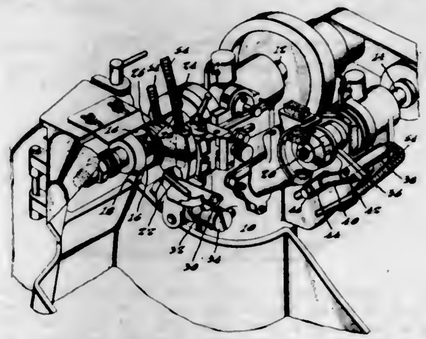
1,568,540. SHEET-FEED GUIDE MECHANISM. HOWARD M. BARBER, Stonington, Conn., assignor to C. B. Cottrell & Sons Company, Stonington, Conn., a Corporation of Delaware. Filed Jan. 17, 1924. Serial No. 686,796. 6 Claims. (Cl. 271—53.)



1. A sheet taking device and a sheet feed guide mechanism therefor comprising, a rock shaft, sheet stops carried thereby, and means for adjusting either one or both ends of the shaft to bring the shaft into parallelism and arranged to coact to bring the sheet stops into proper register with the sheet taking device.

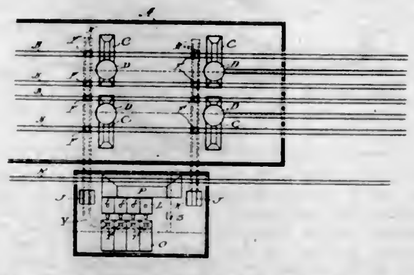
1,568,541. APPARATUS FOR OPERATING ON RUBBER ARTICLES. GEORGE L. BEAN, Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Jan. 19, 1925. Serial No. 3,420. 12 Claims. (Cl. 12—68.)

1. A machine comprising an instrumentality for operating upon an article of work made of, or including an element made of, rubber or a composition or substance having a frictional characteristic similar to that of rubber, a stationary metallic guiding member arranged to engage said frictional element to control the course of movement of the work while said instrumentality is operating thereon, and heating means arranged



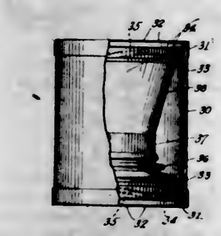
in thermal relation to said stationary guiding element to reduce the frictional resistance between the latter and said frictional element.

1,568,542. LOCOMOTIVE TERMINAL AND METHOD OF SALVAGING FIRE. JOHN J. BERNET, Cleveland, Ohio. Filed Mar. 11, 1925. Serial No. 14,625. 6 Claims. (Cl. 104—51.)



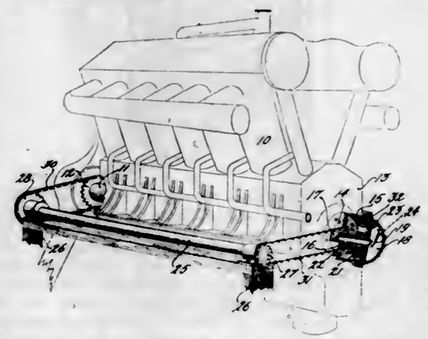
4. The improvement in the art of cleaning locomotives, which consists in salvaging the burning fuel from the fuel bed of a locomotive by discharging the fire box of the locomotive and transferring it while still in a state of ignition to another furnace.

1,568,543. SOUND-PRODUCING DEVICE. ERNEST BOCCHINO, Passaic, N. J., assignor to Up To Date Manufacturing Co., Inc., Jersey City, N. J. Filed Jan. 24, 1925. Serial No. 4,420. 3 Claims. (Cl. 46—46.)



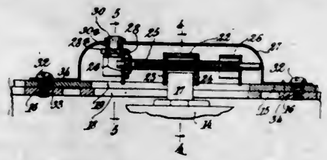
1. A sound producing device comprising a flat support band, a metallic disc carried interiorly of said band, said disc having a raised conic flange extending over the edge of said band and shaped to produce an angularly disposed socket near its center, a cone composed of air tight flexible fabric secured at its larger end between the flange of said disc and said band, a weighted head secured in the smaller end of said cone, and sound producing means carried in the socket of said disc, said means being rendered tonic by the passage of air from said cone.

1,568,544. TORSION METER. ROLAND CHILTON and FRANK A. HAYES, Keyport, N. J., assignors to Aeromarine Plane & Motor Company, a Corporation of New York. Filed Sept. 5, 1923. Serial No. 661,085. 13 Claims. (Cl. 265—4.)



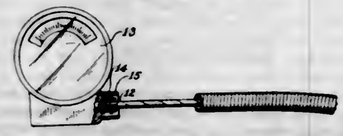
1. In apparatus of the class described, a casing, a pair of members mounted for rotation within the casing and for relative movement to each other, an illuminant within the casing, and means on said members for producing a spot of light for rotation with said members and for moving said spot radially in sympathy with relative motion between the members.

1,568,545. REGISTER CONSTANT-LOCK-OPERATING ATTACHMENT. LEONARD J. COLGAN, New York, N. Y., assignor to Tuttle & Bailey Manufacturing Company, Brooklyn, N. Y., a Corporation of New York. Filed Apr. 12, 1924. Serial No. 706,220. 7 Claims. (Cl. 98—49.)



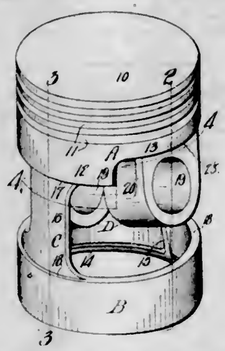
1. The combination with a register of the non-lock type, comprising valves and valve manipulating means, of an operating attachment of the constant-lock type, said attachment comprising a key-operated extension of said manipulating means and being readily attachable to and detachable from said register as a unit.

1,568,546. FLEXIBLE HIDE SHAFTING. HOWARD A. COOK, Southfield, Mass. Filed Nov. 8, 1924. Serial No. 748,600. 10 Claims. (Cl. 64—30.)



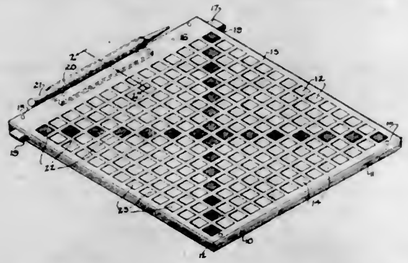
3. In a flexible shafting for transmitting rotary power, a casing, and a core within said casing, said core consisting of rawhide.

1,568,547. PISTON. WILLIAM R. DAY, Cleveland, Ohio, Filed Dec. 13, 1924. Serial No. 755,609. 3 Claims. (Cl. 74—108.)



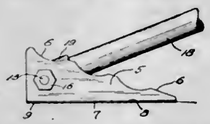
1. A piston comprising, an upper bearing portion, a lower bearing portion spaced from said upper bearing portion, two narrow portions connecting said upper and lower bearing portions, piston-pin bosses integral with said upper bearing portion, and said bosses free from said lower bearing portion to prevent the distortion of said lower bearing portion when said bosses are distorted by a piston-pin extending through said bosses out of alignment with elements co-operating with the piston-pin.

1,568,548. GAME CARD. LEON EDELSON, Baltimore, Md. Filed Feb. 26, 1925. Serial No. 11,820. 13 Claims. (Cl. 35—10.)



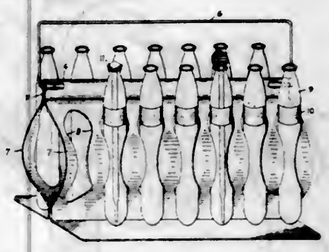
1. In a device of the class described, the combination with a relatively soft plastic base and means superimposed upon said base whereby upon the application of pressure thereto by an instrument inherently incapable of producing a mark, a mark will be caused to appear thereon in the zone of adherence of said means to said base, of a guide plate provided with a plurality of apertures.

1,568,549. BERMUDA-GRASS CUTTER. LOUIS FEY, Long Beach, Calif. Filed Jan. 26, 1925. Serial No. 4,821. 2 Claims. (Cl. 97—64.)



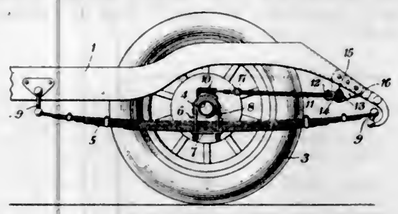
1. A device of the character described comprising; a plurality of longitudinally geniculate cutter plates forming triangular horizontal and vertical blades with rearwardly convergent cutting edges; a transverse bar upon which said cutters are fixed in spaced alignment; and an angularly adjustable handle centrally engaging said bar.

1,568,550. HOLDER. OSIAS M. GOTTESMAN and IRVIN ROSENFELD, New York, N. Y., assignors to Harvey Instrument Co., Inc., a Corporation of New York. Filed Oct. 3, 1922. Serial No. 592,018. 4 Claims. (Cl. 224—48.)



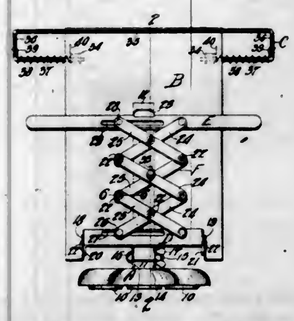
1. A carrying rack of the class described comprising a sheet of metal bent at the center providing support for a handle, then bent outwardly and oppositely and provided with openings, then straight outwardly and oppositely at the base.

1,568,551. SPRING SYSTEM FOR VEHICLES. WILLIAM E. GOYNE, Brooklyn, N. Y. Filed Feb. 10, 1921. Serial No. 443,957. 14 Claims. (Cl. 267—11.)



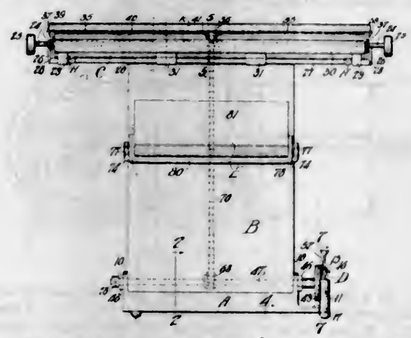
1. In a vehicle having a pair of wheels, an axle therefor and a chassis supported upon the axle by main springs, the combination of a plurality of resilient members, means independent of the main springs and movably mounted in the chassis to which one end of each of the members is connected and means associated with the free ends of the members and a part of the vehicle for causing resistance to flexure of the members when there is a substantially equal change in the normal relation between each wheel and the chassis of the vehicle.

1,568,552. COPYHOLDER APPARATUS. PETER GRABLER, Rocky River, Ohio. Filed June 21, 1924. Serial No. 721,414. 6 Claims. (Cl. 120—33.)



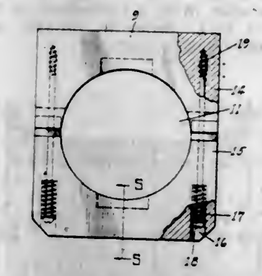
1. A copy holder apparatus comprising, a base, a copy support plate mounted on said base and provided with a pair of ears projecting forwardly from this plate, an indicator means having a bracket mounted between said pair of ears and swivable thereon and in frictional engagement therewith to permit this bracket to be swiveled to desired positions and to remain in these desired positions.

1,568,553. COPYHOLDER APPARATUS. PETER GRABLER, Rocky River, Ohio. Filed Oct. 17, 1924. Serial No. 744,176. 20 Claims. (Cl. 120—32.)



1. An apparatus of the character described comprising, a plate for supporting a copy, a roller shaft journaled at one end of said plate, rollers secured to said roller shaft to move the copy, a space between certain of said rollers, and means for rotating said roller shaft confined within said space between the rollers and back of said plate.

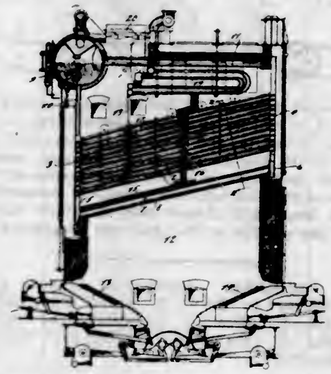
1,568,554. DUST GUARD. FRANK B. HARRISON, Toledo, Ohio. Filed Feb. 8, 1924. Serial No. 691,828. 1 Claim. (Cl. 286—6.)



A dust guard consisting of two wooden parts, each having approximately a semi-circular opening, a pair of bolts located within said parts, threaded end portions on said bolts having a diameter larger than the shank of the bolt, the bolt threaded into the upper of said parts, a spring located intermediate the head of the bolt and the lower of said parts for elastically drawing the parts together, the upper part having grooves, tongues on the lower part extending into said grooves, and a metallic bearing member in each part located in diametrically opposite relation, said members being inserted in said parts with the outer surfaces substantially flush with the edges of said openings.

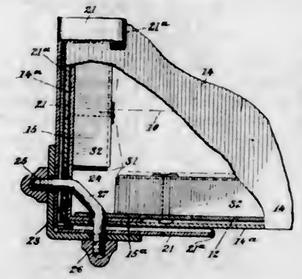
1,568,555. WATER-TUBE BOILER. ISAAC HARTER, JR., Dongan Hills, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J., a Corporation of New Jersey. Filed May 29, 1918, Serial No. 237,234. Renewed Dec. 31, 1923. Serial No. 594,201. 7 Claims. (Cl. 122—299.)

1. The combination with a water-tube boiler having a main bank of horizontally extending inclined water tubes connecting water compartments at the front and rear, the rows of water tubes in said bank being staggered relatively to each other, of a plurality of rows of water tubes below said bank and exposed to the radiant heat of the furnace for the major portion of their length, the tubes in the lowermost row being placed under the corresponding tubes of the next row above them, a roof baffle extending longitudinally of the water tubes above the lower water tubes and having at its inner end portion an upwardly extending baffle arranged to give the gases an upward transverse pass across the water



tubes of the main bank, the spacing, diameters and arrangement of the tubes being such as to give less resistance to the flow of the gases per unit of length of pass along the tubes in passing from the furnace to above the lowermost lines of tubes than the resistance to the flow of the gases in the first upward pass among the tubes of the main bank, whereby slagging of the lower water tubes is reduced, and a furnace below the lower superposed water tubes having firing apparatus of the type which causes slag particles to rise with the gases entering the water tubes.

1,568,556. BOILER JACKET. FRANK B. HOWELL, Buffalo, N. Y., assignor to American Radiator Company, Chicago, Ill., a Corporation of New Jersey. Filed Jan. 17, 1921. Serial No. 438,054. 3 Claims. (Cl. 122—494.)



3. A boiler jacket comprising a sheet metal top member and side members, insulating members substantially co-extensive in outline with said jacket members and secured thereto, flanges on said side members overlapping the edges of the adjacent side members, and flanges extending from said top member and overlapping the upper edges of said side members, angular edge members each embracing the contiguous edges of said side members, angular edge members embracing the edges of the contiguous top and side members, and securing members each having one end extending through one side member of said jacket and one part of said angular edge mem-

ber, and its other end extending through one of the adjacent side members, the other part of said angular edge member and the flange of one of said contiguous side members, substantially as specified.

1,568,557. BUMPER. HERBERT S. JANDUS, Detroit, Mich., assignor to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed Mar. 31, 1924. Serial No. 703,026. 10 Claims. (Cl. 293—55.)



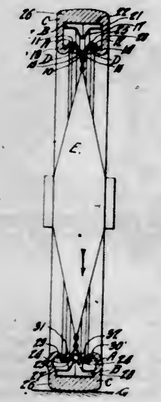
1. A bumper comprising a bar adapted to extend across the rear of a vehicle, an upper and a lower bar each secured at an end to, and respectively above and below, each end of the first-mentioned bar, the said upper and lower bars projecting inwardly and rearwardly from such ends of the first bar, and a resilient connection between the inner ends of each pair of second and third bars and the portion of the first bar adjacent thereto.

1,568,558. BUMPER. HERBERT S. JANDUS, Detroit, Mich., assignor to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed Mar. 31, 1924. Serial No. 703,027. 11 Claims. (Cl. 293—55.)



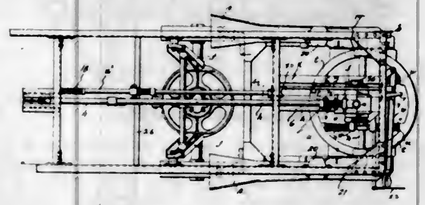
1. A bumper comprising a bar adapted to extend across the rear of the vehicle, resilient loop members connected to the ends of said bar, a bar connected to the rear end of each of said loop members and extending inwardly therefrom, and means connecting the inner ends of the last-mentioned bars to the first-mentioned bar at points spaced from the center of the first mentioned bar.

1,568,559. TIRE. WILLIAM E. KELLY, Cleveland, Ohio. Filed Feb. 26, 1923. Serial No. 621,482. 18 Claims. (Cl. 152—8.)



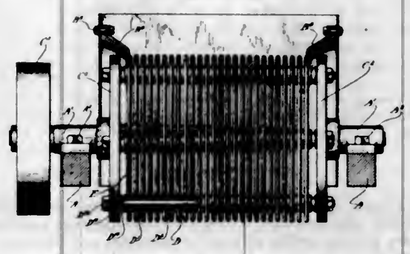
2. In a resilient tire, the combination of, an outer rim provided with an inwardly extending V-shaped flange, an inner rim provided with a V-shaped groove adapted to said flange, a casing over both of said rims, said flange adapted to enter said groove to limit and to gradually decrease the sidewise movement of said outer rim in relation to said inner rim as the load on said tire increases, and the sides of said flange adapted to seat themselves upon the sides of said groove when said tire is overloaded.

1,568,560. SEMITRAILER. CHARLES H. LAND, Jr., Detroit, Mich. Filed Feb. 8, 1924. Serial No. 691,342. 34 Claims. (Cl. 280—33.1.)



1. In a truck and a semi-trailer, the combination of a truck provided with inclined tracks at the back, a semi-trailer frame, rollers supported on the trailer frame adapted to run up the tracks, lock bars on the truck having rollers at the ends, and U brackets depending from the trailer frame arranged to engage the rollers on the ends of the locking bars to slightly raise the trailer with respect to the truck when the truck backs clear into the trailer for the purpose of causing the rollers to clear the track.

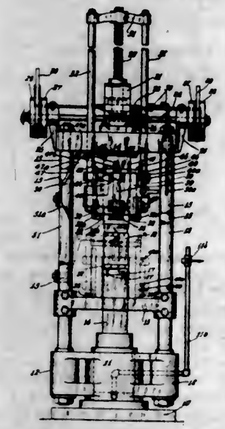
1,568,561. ROTARY GRIZZLY. HERMAN LITTLEWOOD, Nacozari, Mexico, assignor to Smith Engineering Works, Milwaukee, Wis., a Corporation of Wisconsin. Filed Dec. 22, 1924. Serial No. 757,323. 12 Claims. (Cl. 209—285.)



1. In a rotary grizzly, a shaft and means for rotating it, a drum mounted upon said shaft, comprising a plurality of drum ends spaced therealong and rods connecting said drum ends, one of said drum ends being keyed to said shaft at a point off-set from the point at which the other is keyed thereto, the connecting rods being thereby distorted from parallelism with the axis of the drum.

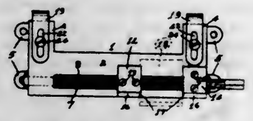
1,568,562. METHOD AND APPARATUS FOR SHAPING PLASTIC MATERIAL. FRANK J. MACDONALD, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Mar. 5, 1924. Serial No. 697,009. 46 Claims. (Cl. 18—55.)

1. The method of shaping an article of plastic material which comprises so pressing a mass of stock against a shaping member as to cause said stock to extend itself as a relatively thin and extensive layer lying against and substantially within the limits of said shaping member while causing another shaping member to move in the same direction with said layer in confining relation



thereto and at a speed such as to lessen frictional resistance of the stock as compared with the action of a one-piece plunger mold, as said layer is so extended.

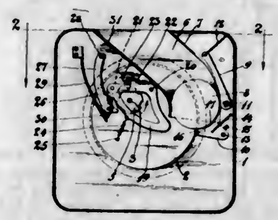
1,568,563. VISE. ALYS MADER, Pittsburgh, Pa. Filed Feb. 26, 1925. Serial No. 11,727. 1 Claim. (Cl. 81—33.)



In a scraper blade vise, the combination of a sheet metal body portion including a pair of integrally formed depending end walls, said body portion provided with a rearwardly sloping top, the latter being formed with a longitudinally extending slot disposed adjacent to the front thereof, an adjustment screw rotatably mounted in said end walls and disposed parallel to and directly beneath said slot, a guide block threadedly engaged by said screw and provided with a neck extending upwardly through said slot, a shiftable jaw detachably secured to said neck and mounted on said top, a jaw fixedly mounted on said top, said jaws disposed at an inclination on said sloped top and provided with beveled forward ends, the opposed side edges of said jaws being formed with longitudinally extending parallel disposed grooves, said top provided at each end with a rearwardly disposed extension, and means adjustably connected with said extensions for attaching said body portion to a support, substantially as described and for the purpose set forth.

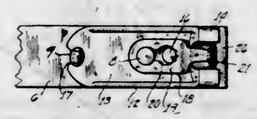
1,568,564. COIN-CONTROLLED CLOCK. CHARLES MALOUF and NICHOLAS MALOUF, Chicago, Ill. Filed Nov. 25, 1921. Serial No. 517,575. 1 Claim. (Cl. 194—61.)

The combination with a clock having a winding stem, said stem rotating in a reverse direction to said winding direction when said clock is unwinding, of a toothed wheel carried by said stem, a casing, a sector pivotally carried by said casing, a pawl carried by said sector and normally engaging said wheel for preventing said steam from rotating to wind said clock, a coin chute carried by said casing, a movable stop member for stopping a coin, a manually operated arm adapted to move said coin into engagement with said sector, whereby said sector is swung and releases said pawl from said wheel, a second pawl adapted to lock said sector after said



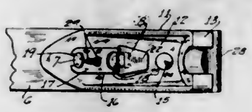
sector has been swung by the coin, and a second toothed wheel carried by said second named pawl and being adapted to disengage said second named pawl from said sector when said stem is rotating in the reverse direction.

1,568,565. TRANSMISSION BAND. FRED A. MILLER, St. Louis, Mo., assignor of one-half to David E. Parks and one-half to Walter T. Bohne, both of St. Louis, Mo. Filed July 28, 1924. Serial No. 728,606. 3 Claims. (Cl. 188—249.)



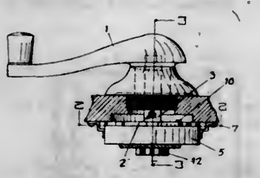
2. An automobile transmission-band comprising, in combination, a split ring, an ear having an apertured shank arcuated to conform to the curvature of the ring and adapted at its shank to removably fit upon the ring, a stud upon the band projecting through the aperture of the shank, and a locking-member for removably securing the ear to and upon the band, said locking member being adapted for slidable engagement over said shank with said stud and having a yielding extension adapted for sprung engagement with the ear.

1,568,566. TRANSMISSION BAND. FRED A. MILLER, St. Louis, Mo., assignor of one-half to David E. Parks and one-half to Walter T. Bohne, both of St. Louis, Mo. Filed July 28, 1924. Serial No. 728,607. 7 Claims. (Cl. 188—249.)



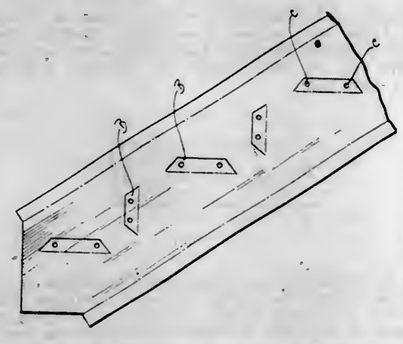
5. An automobile transmission-band comprising, in combination, a split ring, an ear having an apertured shank arcuated to conform to the curvature of the ring and adapted at its shank to removably fit upon the ring, an annularly grooved stud upon the band projecting through the aperture of the shank, and a locking-member adapted over the shank both for releasable engagement with the stud at its groove and sprung hook-engagement with the stud at its head for detachably securing the ear to and upon the band.

1,568,567. CLUTCH DEVICE. HUBERT A. MYERS, Toledo, Ohio. Filed June 17, 1925. Serial No. 37,645. 5 Claims. (Cl. 192—8.)



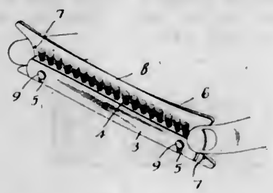
1. In a clutch device, a rotative cam, a member having a cylindrical surface, a rotative member connected to the cam for limited movements relative to the cam, a strip located between the cam and the cylindrical surface and having a re-entrant part engaged by the cam for forcing the outermost part of the strip against the cylindrical surface.

1,568,568. STAIR CONSTRUCTION. HARRY NAGIN, Brooklyn, N. Y. Filed Dec. 4, 1924. Serial No. 753,769. 3 Claims. (Cl. 189—43.)



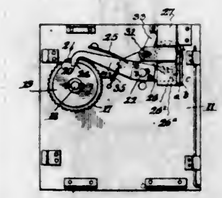
1. A stair girder made of a single sheet of metal, having trapezoidal members integrally formed therein at equal intervals to serve as supports for a series of risers and treads, said trapezoidal members being successively at right angles to each other.

1,568,569. NAILBRUSH. ALEXANDER M. PASNIK, Norwich, Conn. Filed Mar. 7, 1925. Serial No. 13,672. 1 Claim. (Cl. 15—167.)



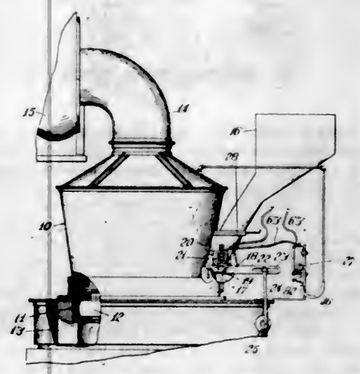
A nail-brush comprising a guide-bar having spaced headed studs projecting from one face thereof, a brush member comprising a thin back having bristles mounted on one edge thereof, said back being provided with a plurality of slots having their entrances for the studs disposed oppositely from the bristles, said back being arranged flat against said guide-bar with the bristles terminating adjacent the edge of the guide-bar and with the lugs frictionally engaged in said slots for detachably retaining the brush member in operative relation to the guide-bar.

1,568,570. COIN-CONTROLLED MECHANISM. RAYMOND H. PEASE, Chicago, Ill., assignor to Charles Malouf, Chicago, Ill. Filed Aug. 20, 1921. Serial No. 493,895. 1 Claim. (Cl. 194—61.)



The combination with a casing having a removable closure and a clock having a winding arbor provided with a pinion, of a coin controlled locking and releasing mechanism including a locking gear carried bodily by the closure and operably connected to the pinion, a locking disk carried by the gear, a locking detent carried by the closure and having its free end engaging the locking disk, a coin receiving finger carried by the detent, a coin chute encasing said finger, and a manually operated coin engaging finger adapted to be projected into the chute to engage a coin when held against egress by the first finger to form a stop.

1,568,571. FEED REGULATOR. FRED I. RAYMOND, River Forest, Ill., assignor to The Raymond Brothers Impact Pulverizer Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 24, 1925. Serial No. 25,561. 10 Claims. (Cl. 83—44.)

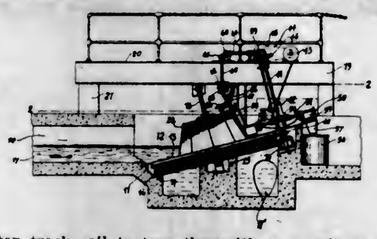


1. In combination with a mill, means for feeding material into the mill, and means for exhausting air and pulverized material from the mill; a feed regulating mechanism comprising a pneumatic device, an electrically actuated device for controlling the operation of the feeding means, and a circuit making and breaking device for said electrically atuated device comprising a vessel having a pair of spaced contacts and containing a conducting fluid, and means operated by said pneumatic device for imparting rocking movements to said vessel.

1,568,572. APPARATUS FOR SCREENING SEWAGE AND OTHER MIXTURES OF LIQUIDS AND SOLIDS. DAVID J. SHAW, New York, N. Y. Filed June 13, 1923. Serial No. 645,095. 9 Claims. (Cl. 210—196.)

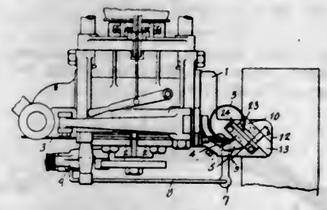
1. In sewage treatment apparatus, the combination with a basin, formed with an inclined interior support,

of a pair of circular track rails having antifriction rollers therebetween, the lower one of said rails being arranged upon said support, a screen structure supported upon



the top track rail to turn therewith as a unitary structure, and means for imparting rotary movement to said screen structure.

1,568,573. WIRE-SPRING-MAKING MACHINE. STANLEY G. SMITH, Detroit, Mich., assignor to L. A. Young Industries, Inc., Detroit, Mich. Filed Mar. 14, 1925. Serial No. 15,564. 5 Claims. (Cl. 140—78.)



1. In a structure of the class described, the combination of a wire feed means, a coiler block operatively associated therewith, a pitch block operatively associated with said coiler block, means for actuating said pitch block comprising a cam, a cutter operatively mounted on said pitch block, and a coacting shear bar, said cam being provided with a lift adapted to actuate said cutter to sever the formed spring.

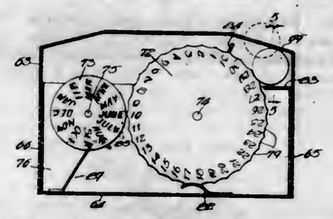
1,568,574. BANK. ZENO M. SPEER, Wauwatosa, Wis., assignor, by direct and mesne assignments, to Speer-Rosefelt Calendar Bank, Incorporated, Milwaukee, Wis., a Corporation of Wisconsin. Filed Dec. 24, 1919. Serial No. 347,061. 2 Claims. (Cl. 194—84.)



1. In a coin controlled transmission, in combination, coaxial driving and driven members axially separated and slotted to receive a coin for bridging the separation and coupling said members together, the periphery of one of said members being cut in to expose part of the coin when in coupling position, and a resilient member rubbing on the periphery of said cut in member and positioned to register with the cut in portion thereof and follow into the same to engage the coin and limit rotation of the parts.

1,568,575. BANK. ZENO M. SPEER, Wauwatosa, Wis., assignor to Speer-Rosefelt Calendar Bank, Incorporated, Milwaukee, Wis., a Corporation of Wisconsin. Filed Aug. 23, 1920. Serial No. 405,291. 1 Claim. (Cl. 194—94.)

In a device of the class described, in combination, a casing, a wall subdividing a relatively narrow compartment along one face, a slot in the casing aligned with said compartment, a registering wheel in said compartment positioned for direct engagement with the edge of an inserted coin, a second slot opening over the other portion of the casing, resilient means engaging a coin inserted through said first slot and tensioned by insertion thereof for deflecting said coin laterally into the portion



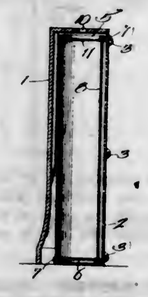
of the casing under said second slot, and a biasing spring for said registering wheel whereby the load on the coin is suddenly released to permit said deflecting means to act.

1,568,576. GAME APPARATUS. EARLE B. STOUT, Gary, Ind. Filed Feb. 10, 1925. Serial No. 8,248. 6 Claims. (Cl. 35—2.)



1. In a game apparatus having a plurality of consecutively numbered blocks adapted to be arranged in a plurality of vertical and horizontal layers to form a cube; a construction card having divisions thereon corresponding in number with the number of blocks in a layer of said cube; said card having indicia in each division, and having a vertical row of openings opposite each horizontal row of divisions, and having a horizontal row of openings opposite each vertical row of divisions; a slide movably mounted behind the vertical row of openings; and a slide movably mounted behind the horizontal row of openings; each slide bearing indicia thereon adapted to be displayed through its related openings.

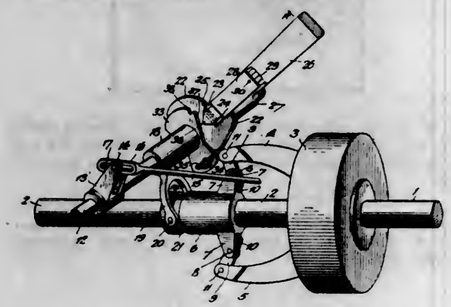
1,568,577. SAVINGS BANK. CHARLES J. SYKES, Chicago, Ill. Filed Nov. 24, 1924. Serial No. 751,794. 8 Claims. (Cl. 232—4.)



1. In a savings bank, the combination with a container having a coin slot; of a coin receiver removably received within said container and having a coin slot that is in register with the aforesaid coin slot when the receiver is within the container, one of the aforesaid elements having a spring wall portion that presses upon the other

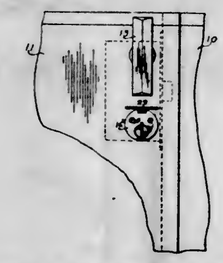
element to promote the assembly of both elements; and a tongue upon one of the aforesaid elements engaging the other element to further hold said elements in assembly.

1,568,578. REVERSE GEAR AND CLUTCH OPERATING MECHANISM. WALTER L. WEEKS, Paterson, N. J., assignor to Wright Aeronautical Corporation, a Corporation of New York. Filed May 6, 1925. Serial No. 28,364. 24 Claims. (Cl. 74—39.)



1. In a reverse gear and clutch device, an oscillating element connected to and operating said clutch device and having a notch therein, a second element for controlling said reverse gear, a common operating element oscillatable about the axis of oscillation of said first element and having a latch engageable with said notch, whereby said first element and common element may be coupled for concomitant oscillation or uncoupled, a relatively stationary cam disposed in the path of travel of said latch for disengaging the latch from said first element when said common element is shifted in an unclutching direction beyond a desired extent, said second element having an abutment in the path of and engaged by said common element when the latter is moved further in an unclutching direction after being uncoupled from said first element, whereby said second element may be operated independently of the first element.

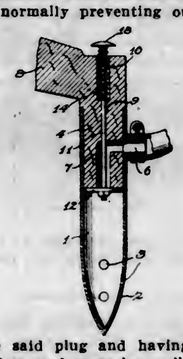
1,568,579. LOCK. VICTOR H. WHITING, New Haven, Conn., assignor to Sargent & Company, New Haven, Conn. Filed June 20, 1923. Serial No. 646,581. 13 Claims. (Cl. 70—46.)



1. A cylinder lock adapted to be mounted in a door, said lock having a case provided with a recess, and a member inserted through the edge of the door and entering said recess to secure the lock in position.

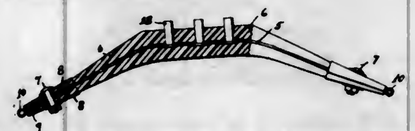
1,568,580. PLANT SETTER. SAMUEL P. WRIGHT, Franklin, Ky. Filed July 21, 1924. Serial No. 727,275. 2 Claims. (Cl. 47—49.)

1. An implement for forming plant-receiving openings and supplying moisture thereto, the same comprising a tubular body pointed at its lower end and having discharge openings in the sides of the point, and having a lateral inlet in a side near its upper end, a plug fitted within the upper portion of the body and having a passage in communication with the said inlet, a valve within the body and normally preventing outflow through the



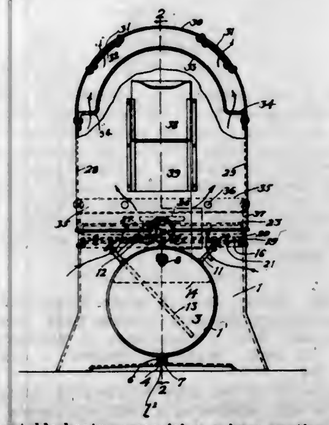
passage of the said plug and having its stem passing through the plug, and a spring coiled about the stem of the valve and seated within the plug and normally holding the valve in closed position.

1,568,581. TIRE ARMOR. JOSEPH A. ALBERT, Springfield, Mass. Filed Aug. 30, 1924. Serial No. 735,065. 2 Claims. (Cl. 152—14.)



1. A tire armor, comprising a transversely arranged series of armor units, each unit including a metal strip, link carriers consisting each of a split shank straddling the ends of the metal strip and a tubular head projecting beyond the strip end and disposed transversely thereof, means fastening the link carriers to the armor units, and links fastened within said tubular heads of the link carriers and connected to each other circumferentially of the tire.

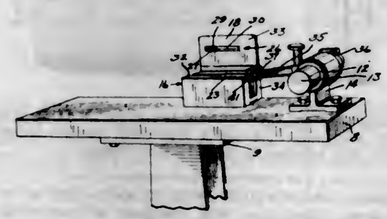
1,568,582. PORTABLE OIL HEATER. HAROLD K. ALLEN, Springfield, Mass. Filed Jan. 26, 1924, Serial No. 688,683. Renewed Oct. 30, 1925. 6 Claims. (Cl. 126—116.)



1. A portable heater comprising a base portion and an upper or radiating portion, the base portion having two end members which are formed with openings, a tank for

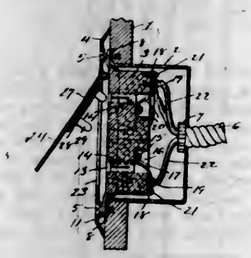
containing fuel located in the openings, the bacs portion being slitted to permit the insertion of the tank, and means for clamping the tank in place, a burner located on the base portion, a suitable pipe connection between the tank and the burner.

1,568,583. TESTER FOR CONNECTING-ROD ASSEMBLIES. DAVID A. ANDERSON, Faribault, Minn. Filed Sept. 10, 1924. Serial No. 736,912. 8 Claims. (Cl. 33—180.)



1. A tester for connecting rod assemblies comprising a bed, an arbor mounted on the bed, and an aligning block mounted on the bed for adjustment radially toward or from the axis of the arbor, and having vertical and horizontal testing surfaces for the wrist pin of a connecting rod mounted on the arbor, said block having at one side a flange perpendicular to the arbor and affording a testing surface for a piston mounted on the wrist pin.

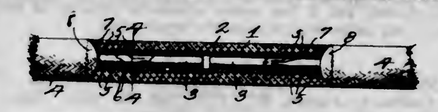
1,568,584. ATTACHMENT PLUG. JOHN CLARKE BLANKENSHIP, Austin, Tex. Filed July 16, 1924. Serial No. 726,312. 2 Claims. (Cl. 173—330.)



1. A three-way attachment receptacle comprising a casing adapted for mounting in the base board of a room, a block member positioned and housed in said casing, three contacts mounted in staggered relation in said block for receiving connection from a three wire circuit, said block being adapted to receive a plug adapted for removable connection therewith having three contacts for engagement with the contacts of said block for interposing desired attachments in the three-way circuit, and means for converting the three-way circuit connected with the contacts of the block into a two-way circuit, said means being adapted for engagement with the contacts of said block when the plug is detached therefrom.

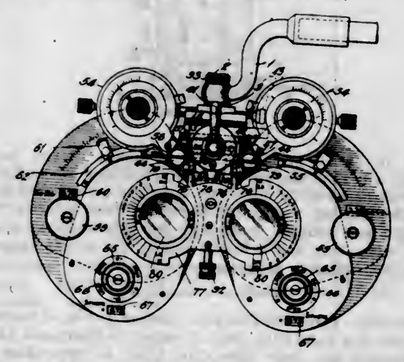
1,568,585. ELECTRIC WIRE CONNECTER. LOUIS J. BRUNE, Sr., Algiers, La. Filed Sept. 11, 1924. Serial No. 737,119. 1 Claim. (Cl. 173—263.)

The combination with the adjacent ends of conductor wires, of a connecter, said connecter comprising a sleeve in the opposite ends of which the conductor wire ends are disposed, said sleeve adjacent its ends being provided on opposite sides with oppositely disposed relatively wide struck out spring members extending towards the center of the sleeve, said struck out members having



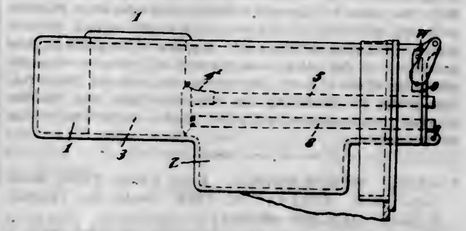
their inner ends provided with arcuately arranged teeth extending into the chamber of the sleeve and arcuately imbedded in the conductor wire ends.

1,568,586. OPTICAL INSTRUMENT. HANS CLEMENT, New York, and BERNARD M. BARRON, Mount Vernon, N. Y., assignors to General Optical Company, Inc., a Corporation of New York. Filed Aug. 9, 1922. Serial No. 580,796. 8 Claims. (Cl. 88—22.)



1. In an optical instrument, a support, an elongated head member carried by said support, a plurality of parallel rack bars carried by said head member in spaced pairs and extending transversely thereof, said bars being slidable endwise of themselves thereon, each pair extending from opposite sides of the head, a shaft rotatably carried by the head and extending transversely of the bars, pinions carried in spaced relation by said shaft and meshing with the rack bars to cause simultaneous movements of the bars, and eye examination units carried by said bars to be separated or brought together by operation of the shaft and rack bars.

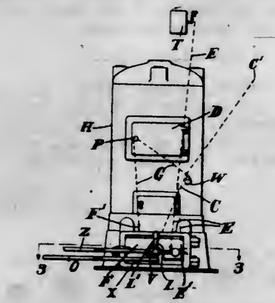
1,568,587. OIL BURNER. CHARLES C. CUSHMAN, Auburn, Me. Filed Feb. 19, 1925. Serial No. 10,178. 5 Claims. (Cl. 158—92.)



3. In an oil burning apparatus for domestic heaters, an intake chamber projected within the fire door of the heater and having a gravity controlled draft door for said chamber, a burner bowl set in said chamber and projecting through the top thereof and having lateral upwardly inclined intake draft pipes leading from the chamber to within the walls of the bowl to supply air

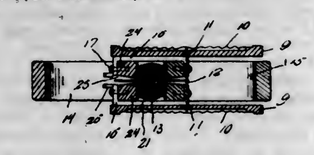
centrally of the burner, said bowl wall having a plurality of smaller draft openings above said draft pipes for supplying air peripherally of the bowl and adjacent the lip thereof, and a fuel nozzle adjustable radially of the bowl and projecting between the draft pipes.

1,568,588. FUEL-BURNER CONTROL. CHARLES C. CUSHMAN, Auburn, Me. Filed Apr. 11, 1925. Serial No. 22,301. 4 Claims. (Cl. 158—42.1.)



1. In an oil burning system, a supply control valve lever, a flexible lanyard attached at one end to said lever and anchored at its other end, a weight between the ends of the lanyard, a flexible support attached adjacent the weight and adapted to support the weight raised above the valve lever and a fusible link in the weight support and disposed in a danger zone.

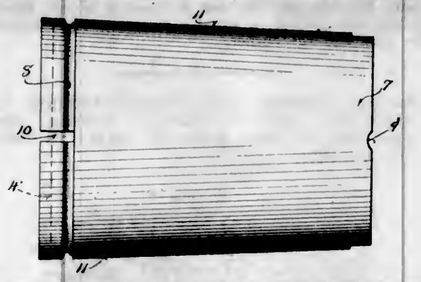
1,568,589. LOUD SPEAKER. GEORGE DOUGLAS EDDINGTON, Salt Lake City, Utah, assignor to Eddington Loud Speaker Inc., Salt Lake City, Utah, a Corporation of Utah. Filed Nov. 25, 1924. Serial No. 752,196. 3 Claims. (Cl. 179—116.)



1. A device of the class described comprising a pair of spaced parallel diaphragms, a rod connecting the central portions of said diaphragms, an armature connected at one end to said rod and hingedly mounted at its central portion for oscillating movement, a pair of independent ring shaped permanent magnets arranged with the poles in opposed relation and operative relation with opposite ends of the armature plate, and an electromagnet arranged between said permanent magnets in close proximity to the poles thereof energizable for varying the magnetic effect of both permanent magnets on the armature plate, for operating the armature plate and the diaphragm in accordance with the current variations of the electromagnet.

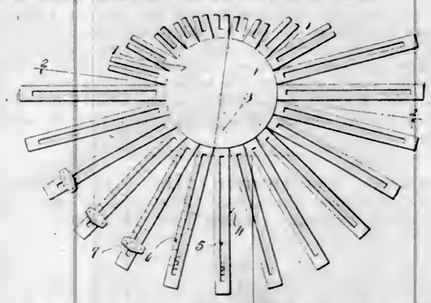
1,568,590. MOTOR SHIELD. PAUL HENRY ESCH, Manitowoc, Wis. Filed Oct. 31, 1924. Serial No. 747,053. 1 Claim. (Cl. 180—69.01.)

The combination of an automobile provided with a cowl, a water trough in front of said cowl, a radiator provided with a rearwardly extending portion, and a hinged hood; and a removable shield curved to fit beneath the hood and beneath the rearwardly extending portion of the radiator and having depending sides terminating in outwardly projecting gutters contacting with the sides of said hood to securely hold the shield in place while allowing the gutters to function as gutters, said shield having a notched rear portion cooperating with



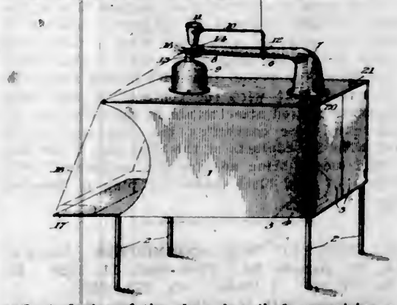
the hinges of said hood to hold the shield against lateral motion, said shield having a depressed channel adjacent its rear end adapted to fit into said trough.

1,568,591. DOILY-STRETCHER FRAME. REINHOLD M. FECHNER, Milwaukee, Wis., assignor of one-fourth to Martin Fechner, Milwaukee, Wis. Filed Nov. 10, 1924. Serial No. 748,987. 3 Claims. (Cl. 45—24.)



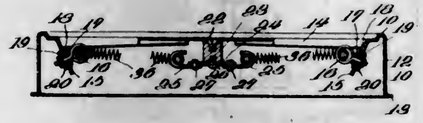
1. A dolly stretcher frame comprising a pair of semicircular plates, a plurality of radially extending arms having tapered inner ends positioned between said plates and having slotted outwardly extending portions, a plurality of heads slidably positioned upon said outwardly extending portions and each having means for engaging the marginal portion of the dolly, and a plurality of clamping bolts secured to said heads and projecting through the slots and having thumb nuts on their lower ends for clamping said heads to the arms.

1,568,592. LINEN-CUTTING MACHINE. HARRY J. FELLMAN, Hastings, Nebr. Filed Sept. 25, 1923. Serial No. 664,805. 5 Claims. (Cl. 164—60.)



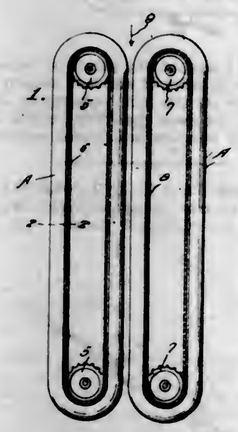
2. A device of the class described comprising a cutter, cloth supporting means located adjacent the cutter, illuminating means under the cutting means and magnifying means located above the cutter.

1,568,593. ELECTRIC GRILL. MAURICE F. FITZGERALD, Winsted, Conn., assignor to The Fitzgerald Manufacturing Company, Winsted, Conn., a Corporation of Connecticut. Filed Aug. 13, 1925. Serial No. 50,018. 4 Claims. (Cl. 219—37.)



1. In an electric grill, a top plate having radial members and a circumferential rim defining sector-shaped apertures, the arcuate portion of the rim between two of the radial members being curled downwardly to form an ear, an eye-bolt supported upon such ear and insulated from the frame, an insulating disk carried beneath the center of the top plate and insulated therefrom, holding clips carried by said disk, terminals insulated from said plate and carried thereby, and a heating element led in zig-zag fashion from one terminal to the other and passing alternately over the holding clips and the eye-bolts.

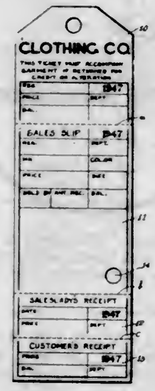
1,568,594. CONVEYING MECHANISM. GEORGE B. FLINT, Kaysville, Utah. Filed July 18, 1925. Serial No. 44,485. 3 Claims. (Cl. 198—162.)



1. In a conveying mechanism, of the class described, a pair of endless members formed of pneumatic tubing and trained to provide parallel adjacent runs movable in the same direction.

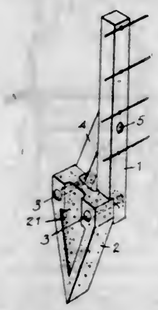
1,568,595. IDENTIFICATION AND SALES TAG. NORMAN FREEMAN, Cambridge, Mass. Filed Apr. 24, 1923. Serial No. 634,342. 2 Claims. (Cl. 283—18.)

1. A combined identification tag and sales slip comprising a portion constituting an identification tag for attachment to an article on sale and bearing on its face certain information respecting said article, and a portion detachably secured to said first mentioned portion and to be removed therefrom at the time of the sale to constitute a sales slip and bearing duplicate information concerning the article and captions indicating the character of information to be entered thereon when the



article is sold, said sales slip having a ledger form on its reverse side for use as a record of the buyer's account when the sale is made on credit.

1,568,596. FENCEPOST. WILLIAM FROST, Fulton, Mich. Filed Dec. 29, 1924. Serial No. 758,742. 3 Claims. (Cl. 72—84.)

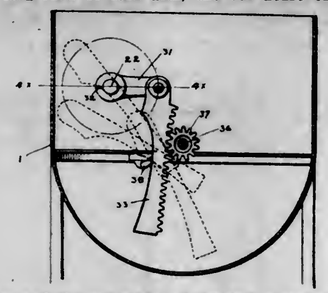


1. In a fence post structure, the combination of a concrete base of wedge form with point down and board end up above the surface and transverse to the line of the fence, with concave sides and transverse perforations at the top, a transverse reinforcing bar through the heavy top portion of said structure with downwardly turned ends embracing the attaching bolt, a fence post secured with cross bolt through its bottom to the said base, a diagonal brace therefor with bolt therethrough securing it to the said base and to said post, coacting as specified.

1,568,597. WASHING MACHINE. CHARLES W. GORMLEY, Mount Morris, N. Y. Filed Dec. 18, 1922. Serial No. 607,713. 1 Claim. (Cl. 74—14.)

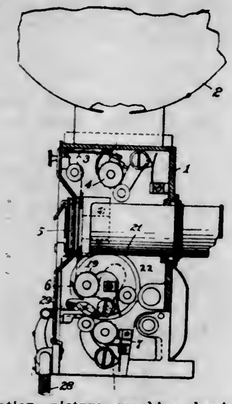
A driving mechanism, for a washing machine comprising a crank, an arm pivoted on said crank, said arm having a cam surface provided on one side thereof and a rack on the other side thereof, said rack being curved at the inner end thereof, a stationary fulcrum for said arm to slide over and rock thereon, a pinion mounted

to rotate opposite said stationary fulcrum and mesh with said rack of said arm, the curvature of said cam



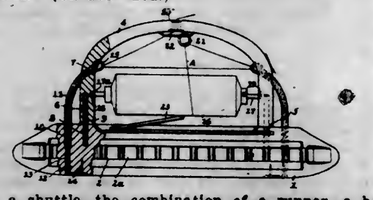
surface and the curvature of the end of said rack being adapted to keep said rack continuously in mesh with said pinion while sliding and rocking over said stationary fulcrum.

1,568,598. FRAMING DEVICE FOR MOTION-PICTURE MACHINES. MORRIS M. GRUBER, Brooklyn, N. Y., assignor to The Burwood Corporation, Scranton, Pa., a Corporation of New York. Filed Mar. 24, 1920, Serial No. 368,245. Renewed May 5, 1925. 8 Claims. (Cl. 88—17.)



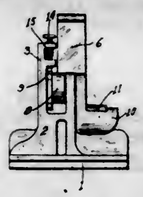
1. In a motion picture machine having a vertical web provided with a recess opening to an edge of said web, an intermittent motion device, and a casing for said intermittent motion device, said casing having intermediate its ends a tongue and groove connection with the recess in said web, whereby when the casing is fitted laterally into said recess from the edge of the web the tongue and groove connection will lock said casing against vibration.

1,568,599. BOW SHUTTLE. OTTO HACKENBERG, Paterson, N. J. Filed July 1, 1925. Serial No. 40,785. 7 Claims. (Cl. 139—201.)



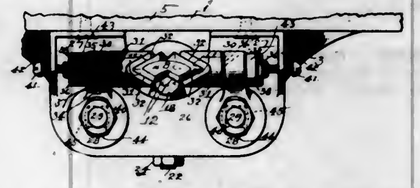
1. In a shuttle, the combination of a runner, a bow having its ends adjoining the runner, and a dowel fitted at one end in the runner and having its other end bent off and fitted in an end portion of the bow.

1,568,600. RAIL-ELEVATING JACK. FREDERICK HACKMANN, Chicago, Ill. Filed Jan. 21, 1924. Serial No. 687,463. 4 Claims. (Cl. 254—121.)



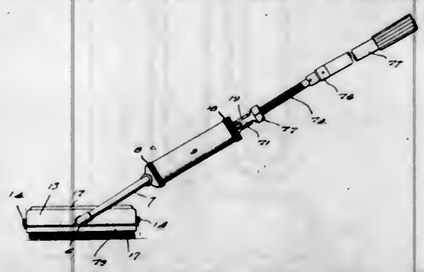
1. In a rail elevating jack having an upstanding bifurcated support, a lever having upon one side thereof a ratchet wheel journalled on said support with said ratchet wheel positioned in said bifurcation, said lever having a laterally offset arm on the other side of said lever from said ratchet wheel, a roller journalled in said arm adapted to engage a rail and means engaging said ratchet wheel to hold said lever in adjusted position.

1,568,601. MOLD. MANDUS HANSON, Muskegon, Mich. Filed Jan. 28, 1925. Serial No. 5,254. 14 Claims. (Cl. 22—110.)



1. In a mold: a part having parallely disposed guiding bars; a part having pairs of members slidably guided on the opposite side of the bars respectively and axially movable toward and away therefrom; means for moving and securing said members in adjusted positions.

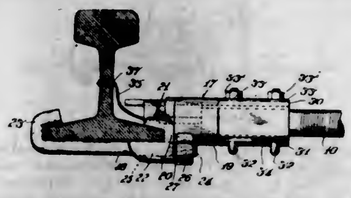
1,568,602. FLOOR WAXING AND POLISHING BRUSH. ELMER EARL HARRIS, Memphis, Tenn. Filed Apr. 4, 1925. Serial No. 20,690. 3 Claims. (Cl. 91—43.)



1. In a floor brush, a head, a yoke connected to said head, and a handle connected to said yoke, said handle including a cylinder for containing a floor treating substance and a portion of the handle being formed to provide an operating stem, and a plunger reciprocable in said cylinder, said stem being connected with said plunger.

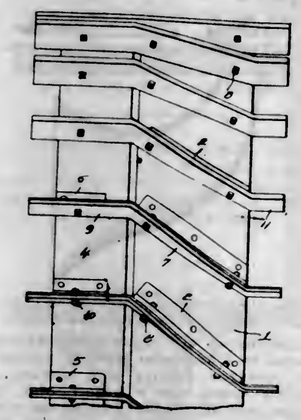
1,568,603. ATTACHING DEVICE FOR ELECTRIC CABLES. CHRISTIAN E. HARTVIG, El Reno, Okla. Filed Mar. 3, 1922. Serial No. 540,766. 11 Claims. (Cl. 173—278.)

11. In a railway track circuit, the combination with an electric cable, of means for attaching the cable to a railroad rail comprising a housing for the end of the cable, means for clamping the cable to the housing, insulating sleeve members intervening between the housing and cable, and means for clamping said housing to said rail, comprising a clamping member extending under the



rail and formed with a jaw to engage with the opposite edge of the rail base; said housing being formed with downwardly projecting flanges to protect said cable and with a chamber to receive the end of the cable and to contain a material to seal the end of the cable and insulate the same from the housing.

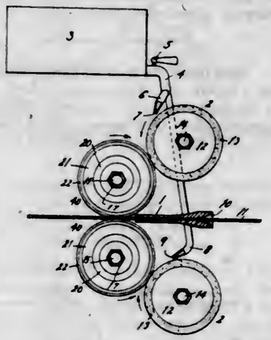
1,568,604. STALK CUTTER. WILLIAM HENRICKS, Pharr, Tex. Filed Nov. 21, 1924. Serial No. 751,316. 1 Claim. (Cl. 55—61.)



In combination with a tractor wheel and the usual traction lugs secured on the rim thereof, said lugs being disposed diagonally on said rim, of an extension wheel adapted to be secured on one side of the tractor wheel, the rim of the extension wheel being flush with the aforementioned rim, lugs secured on the rim of the extension wheel, said lugs being arranged transversely on the rim and adapted for cooperation with the adjacent lugs of the first mentioned rim, and cutter blades extending across the rims and secured to said lugs, whereby the portion of each blade disposed across the rim of the tractor wheel will extend diagonally thereon, while the portion of each blade disposed across the rim of the extension wheel will extend transversely.

1,568,605. METHOD OF AND MEANS FOR COLOR STRIPING WOOD STRIPS. AZEL C. HOUGH, Janesville, Wis., assignor to Hough Shade Corporation, Janesville, Wis., a Corporation of Connecticut. Filed Nov. 14, 1924. Serial No. 749,920. 10 Claims. (Cl. 91—12.)

10. In means for color striping wood strips, one pair of printing wheels adapted to receive a wood strip between them, said printing wheels comprising felt discs which are spaced apart, and another pair of printing wheels adapted to receive between them such strip, said

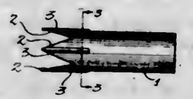


last-named printing wheels comprising felt discs each of which is wider than the corresponding space between two of the discs in said first named wheels.

1,568,606. COMPOUND FOR GREASE. ASBURY B. HUTTON, Indian Head, Pa. Filed Apr. 18, 1922. Serial No. 555,241. 2 Claims. (Cl. 87—9.)

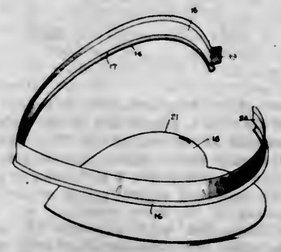
1. A lubricating compound comprising petroleum jelly, white lead, graphite, sulphur, linseed oil and tallow, as and for the purpose specified.

1,568,607. LIMB-SECURING DEVICE FOR CHRISTMAS TREES. JOHN JUNKUNC, Chicago, Ill. Filed Sept. 11, 1924. Serial No. 737,024. 1 Claim. (Cl. 248—37.)



A limb securing device comprising a cylindrical member adapted to receive limbs therein and a plurality of prongs on one end of said member and ridges integral with said prongs for reinforcing the same.

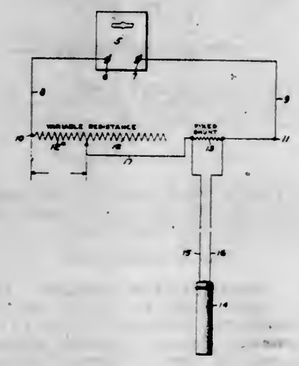
1,568,608. BOX CONSTRUCTION. ADOLPH KLEIN, New York, N. Y. Filed Mar. 9, 1925. Serial No. 14,041. 4 Claims. (Cl. 229—5.5.)



1. The process of forming a paper box construction having an extension end wall, which comprises the step or steps of simultaneously forming in the strip which is to serve as the side wall of the box, a flange projecting from its outer face and a groove on its inner face, positioning said strip about the end wall member to have the strip form a continuous outer wall about the end wall

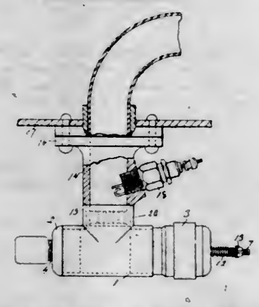
member with the edge of the latter received in the groove of the former, and forcing the opposite surfaces of the groove down upon the opposite faces of the edge of the end wall member to cause the two to be secured together thereby along said edge.

1,568,609. METHOD FOR TESTING BLASTING MACHINES. DAVID M. MCFARLAND, West Chester, Pa., assignor to Atlas Powder Company, Wilmington, Del., a Corporation of Delaware. Filed Nov. 7, 1924. Serial No. 748,378. 1 Claim. (Cl. 175—183.)



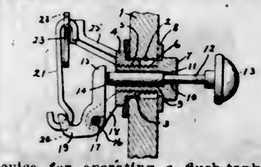
The herein described method of testing and rating blasting machines which consists of arranging a variable resistance and a blasting cap in series with the blasting machine and shunting a fixed resistance of determined value across a portion of the circuit which includes only the blasting cap.

1,568,610. GAS HEATER. FREDERICK M. MINER, Madison, Wis. Filed Oct. 30, 1924. Serial No. 746,879. 1 Claim. (Cl. 122—24.)



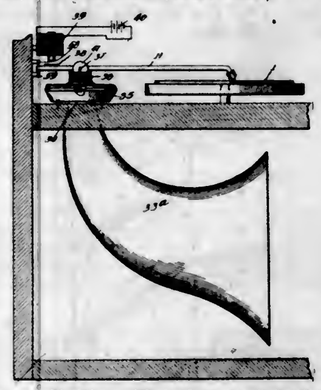
In a device of the kind described, a boiler, a coil of pipe disposed therein, a pipe fitting in the form of a T, a head at one end of the top of the T, a sleeve at the opposite end of said top, a valve stem slidably mounted centrally within the top of the T by means of perforated bridges in the head and sleeve, valves at both ends of the stem opening in the same direction, one end being adapted for connection with a source of combustible fluid, and the other end communicating with the atmosphere, a tubular member secured to the stem of the T, a perforated bridge adjacent one end of said member and means at the opposite end connecting it to said coil of pipe, an exhaust fan connected to the other end of the coil, a safety valve interposed between the coil and fan, and means for igniting a combustible mixture supplied through said T before it enters the coil.

1,568,611. PUSH LEVER FOR OPERATING CLOSET-TANK VALVES. RALPH S. MORGAN, Elkhart, Ind., assignor to Northern Indiana Brass Company, Elkhart, Ind., a Corporation of Indiana. Filed July 2, 1925. Serial No. 41,175. 4 Claims. (Cl. 4—67.)



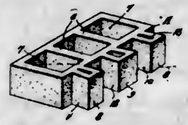
1. In a device for operating a flush-tank valve, the combination of a bracket element non-rotatably mounted in an opening in a flush-tank wall; a bell-crank lever carried by said bracket; a pivotally mounted flush-valve lever carried within the tank; a link connecting said valve lever with one arm of the bell-crank; and a push-pin extending through said bracket element into operative relation with said bell-crank, whereby sliding movement of said push-pin causes rocking movement of said bell-crank and flush-valve lever.

1,568,612. STYLUS-OPERATING MEANS. RALPH W. MORRISON, Omaha, Nebr. Filed Nov. 1, 1920. Serial No. 421,061. 3 Claims. (Cl. 274—26.)



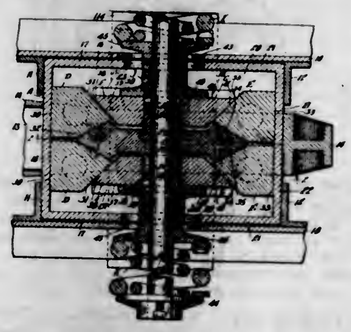
3. The combination with a phonograph having a sound box supported in a horizontal position, provided with a diaphragm arranged working face upward,. rotatable record-carrying means, and a magnet, of a stylus bar support above said diaphragm, a stylus bar arranged on said support to freely oscillate both horizontally and vertically, means to permit a slight vertical movement bodily of the stylus bar on the support and to positively stop the same at the point of its working connection with the diaphragm, one end of the bar provided with record needle carrying means and the other end provided with an armature below said magnet, and a connecting member between said diaphragm and stylus bar.

1,568,613. BUILDING BLOCK. LUTHER S. MUNSON, Washington, D. C. Filed Oct. 18, 1922. Serial No. 595,317. 4 Claims. (Cl. 72—38.)



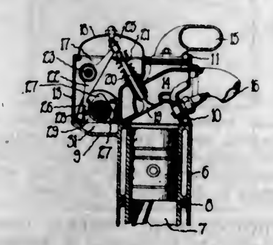
1. A building block including a body equipped with an intermediate and terminal projections on one face, said intermediate projection having the opposite sides thereof tapered and said terminal projections having their inner faces straight and their outer faces tapered.

1,568,614. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Apr. 25, 1928, Serial No. 634,424. Renewed May 25, 1925. 12 Claims. (Cl. 213—38.)



1. In a friction shock absorbing mechanism, the combination with end followers movable relatively toward each other; of end wedges movable with the respective followers; a central friction element having wedge faces at the front and rear ends thereof and friction faces extending transversely of the mechanism; a plurality of wedge friction shoes co-acting with said wedges, said friction shoes being transversely slidable on the friction faces of said central element; and spring elements arranged to resist movement of said shoes.

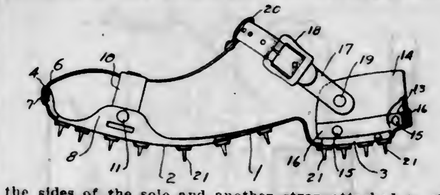
1,568,615. OVERHEAD CAM SHAFT AND VALVE GEAR. VICTOR C. PARKER, Waterloo, Iowa, assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Feb. 19, 1920. Serial No. 359,925. 5 Claims. (Cl. 123—59.)



2. In an internal combustion engine, a cylinder open at its upper end; a hollow head for closing the open upper end of said cylinder; a valve carried by said head for controlling a port therein; a rocking lever supported within said head for operating said valve; and a cam shaft supported by said cylinder above the upper end thereof and having a cam adapted to engage and operate said lever.

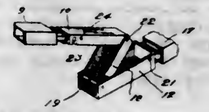
1,568,616. SPIKE SANDAL. LAWRENCE PARR, Seattle, Wash. Filed Aug. 18, 1924. Serial No. 732,622. 1 Claim. (Cl. 36—63.)

In a spike sandal, a solid metallic plate, bent to conform to the lowest surface of a shoe or the like, said plate having a clamp bent upward at the rear to hold the rear, ears bent upward at the sides about midway of the forward portion of the foot and an ear bent upward at the front, spikes extending downward from heel and sole portion, section attached to the flange at the heel and extending upward to protect the heel, a strap attached to the forward edges of the said heel protecting sections, another strap attached to the ears at



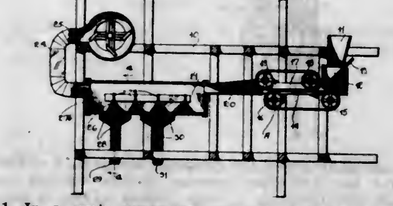
the sides of the sole and another strap attached to the ear at the front and also another strap connecting the heel protecting section.

1,568,617. EXTENSION ATTACHMENT FOR FLEXIBLE BRACELETS. CHARLES H. PATTEN, Providence, R. I., assignor to Rex Manufacturing Co., Providence, R. I., a Corporation of Rhode Island. Filed Mar. 5, 1925. Serial No. 13,125. 7 Claims. (Cl. 59—80.)



3. In a link bracelet, an extendible member comprising a plurality of members arranged to normally nest one within the other and movable to an end to end extended position to temporarily lengthen the bracelet, and cooperating frictional detent and recess means in the walls of said members for releasably retaining them in nested position.

1,568,618. GRAIN CLEANER. HENRY ERNEST PFORR, Hamberg, N. Dak. Filed Apr. 8, 1924. Serial No. 705,055. 4 Claims. (Cl. 209—145.)

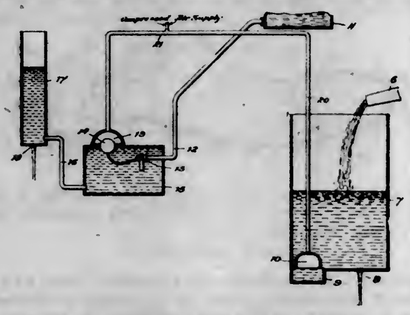


1. In a grain separator, conveyer belts arranged in proximity to each other and coacting to carry grain between them, to project the same into a separating chamber means for driving the belts in unison and at uniform speed, a converging grain guide in position to receive grain from the belts, a separating chamber into which the grain guide discharges, an air supplying means at the opposite end of the said separating chamber for forcing air against the grain entering the separating chamber, a plurality of spaced grain collecting means at the bottom of the said separating chamber and discharge chutes connected with pairs of the grain collecting means, substantially as described.

1,568,619. PROPORTIONAL-FLOW DEVICE. EARLE BERNARD PHELPS, Ridgewood, N. J. Filed Aug. 7, 1922. Serial No. 580,230. 5 Claims. (Cl. 137—78.)

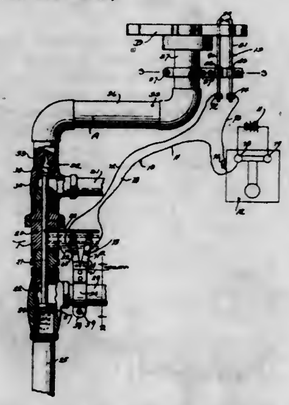
1. The combination of two liquid-flow measuring orifices whose flow rates are similar functions of the respective effective hydraulic heads on said orifices; independent sources of liquid for the two orifices, said sources being characterized by independent variations of hydraulic head; a closed regulative chamber associated

with the second orifice and partly filled with liquid flowing to said second orifice; means for exerting pneumatic pressure on the surface of said liquid to increase



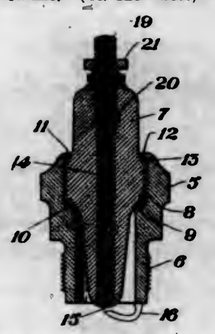
the effective head on the second orifice; and controlling means for said pneumatic pressure subject to the head on said first orifice.

1,568,620. AUTOMATIC IGNITION DEVICE FOR GAS BURNERS. WILLIAM E. POTTEIGER, Harrisburg, Pa. Filed July 5, 1923. Serial No. 649,737. 1 Claim. (Cl. 175—115.)



In an apparatus of the character described, a conduit, a valve for controlling passage of fluid through said conduit and including a body portion having a longitudinally extending slot and a valve stem sliding longitudinally in the body portion, a burner and electrically operated igniting means including a circuit, sparking means in the circuit adjacent said burner and a switch comprising clamping arms, a strip of insulation secured between the upper end portions of said clamping arms, means for drawing the clamping arms into binding engagement with a support adjacent said valve, said strips of insulation extending above said clamping arms and having fingers extending in diverging relation to each other and upon opposite sides of said clamping arms, resilient contact strips secured to said fingers and extending upwardly therefrom, said strips having portions bowed outwardly in opposite directions and at the upper ends of the bowed portions having upwardly extending crimped end portions, terminals carried by the bowed portions, and a bridging rod extending from said valve stem through said slot and positioned above the crimped portions of the contact strips when the valve is closed and moving downwardly between the crimped portions to a point between the bowed portions when the valve is opened and engaging with crimped portions while passing between the same to complete the circuit and permit operation of the sparking means.

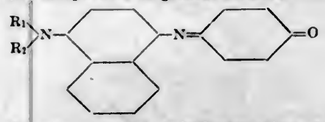
1,568,621. NONMETALLIC ELECTRODE FOR SPARK PLUGS. HECTOR RABEZZANA, Flint, Mich., assignor to A C Spark Plug Company, Flint, Mich., a Corporation of Michigan. Filed July 6, 1920. Serial No. 394,304. 4 Claims. (Cl. 123—169.)



1. In a spark plug of the class described, an insulating member having a longitudinally extending passage; an inner electrode formed from non-metallic plastic material molded in place within and extending along said passage and the inner end of which is disposed in sparking relation to the external or grounded electrode of the plug; and means whereby a leading-in conductor may be electrically connected with said inner electrode and through which conductor a current of electricity may be supplied to the plug.

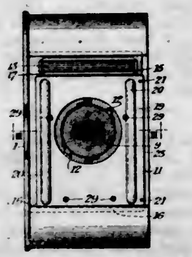
1,568,622. GREEN SULPHURIZED DYESTUFF AND PROCESS OF MAKING SAME. EMIL REBER and JAROSLAV FRÖHLICH, Basel, Switzerland, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Filed July 9, 1923. Serial No. 650,480. 4 Claims. (Cl. 260—19.)

1. The herein described new process for the manufacture of new green sulfurized dyestuffs consisting in treating the indophenols of general formula



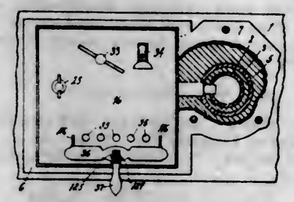
wherein R^1 may represent a hydrogen atom, and alkyl and aralkyl radical, and R_2 an alkyl and aralkyl radical, with salts of sulfurous acid and then treating the sulfonated leuco-derivatives thus obtained with alkali metal polysulfides in the presence of copper.

1,568,623. PHOTOGRAPHIC CAMERA. GARSHOM A. RIGGS, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Oct. 17, 1921. Serial No. 508,212. 11 Claims. (Cl. 95—31.)



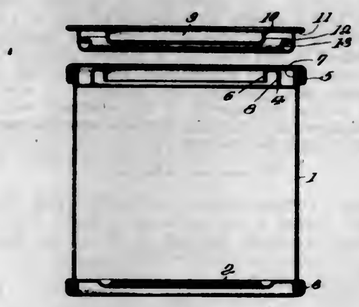
2. In a camera, a film positioning plate having film pressing ribs formed thereupon adapted to hold a film flat.

1,568,624. COMBINATION LOCK. DARIO ROBERTI, Springfield, Mass. Filed Feb. 26, 1925. Serial No. 11,630. 13 Claims. (Cl. 70—54.)



1. The combination, in a lock of the class described, with a box, of a lock case provided with steering-post- and box-engaging bolts, and with a box-engaging latch, said case being receivable in said box, means to lock and release said bolts, and means to withdraw said box-engaging bolts from locking engagement from said box, the construction and arrangement of parts being such that, when the box-engaging bolts are withdrawn, said latch normally retains said case in place in said box.

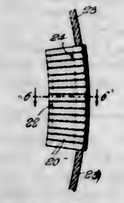
1,568,625. FRICTION TOP CAN. DANIEL P. ROBINSON, Baltimore, Md., assignor to Continental Can Company, Syracuse, N. Y., a Corporation of New York. Filed Apr. 26, 1921. Serial No. 464,583. 2 Claims. (Cl. 220—42.)



1. A friction top can consisting of a body portion, a top secured thereto, and a cover adapted to frictionally engage said top portion, said cover having a central depressed portion forming a substantially vertical frictional wall, and an outer depending portion rolled at its lower edge so as to form two separate spaced friction walls, said can top having an annular depression therein adjacent the vertical wall of the can body thus forming inner and outer substantially vertical frictional walls adapted to engage the friction walls formed by rolling of the depending portion, the outer friction wall on the top being substantially in alinement with the vertical wall of the can body, said top at its inner edge being curved downwardly to form a friction wall adapted to cooperate with the friction wall formed by the central depression in the cover.

1,568,626. HAT BRIM AND METHOD OF MAKING. WILLIAM H. ROBSON, Baltimore, Md., assignor to Brigham-Hopkins Company, Baltimore, Md., a Corporation of Maryland. Filed June 13, 1925. Serial No. 36,881. 3 Claims. (Cl. 2—178.)

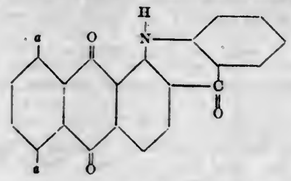
1. A laminated straw hat brim having as an insert between the marginal edges the superimposed edges of a strip of material composed of transversely extending, laterally overlapped straw braid sections connected together and folded along substantially the longitudinal middle line of the strip and infolding a cord within said



fold, said strip being so related to the laminated edges as to maintain the fold at a position at all points radially without the laminated margin.

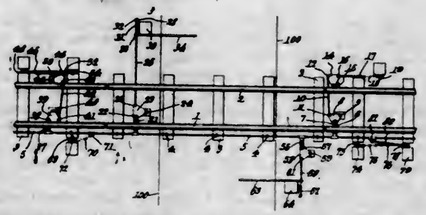
1,568,627. CONDENSATION PRODUCT OF THE ANTHRAQUINONE SERIES AND PROCESS OF MAKING SAME. PAUL SCHETELIG, Basel, Switzerland, assignor to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Filed May 4, 1925. Serial No. 28,021. 11 Claims. (Cl. 260—27.)

1. The herein described process for the manufacture of condensation products of the anthraquinone series by causing nucleal halogen derivatives of the 1,3.5-triazine to react on compounds of the general formula



wherein one of the letters *a* stands for the amino group and the other for a hydrogen atom.

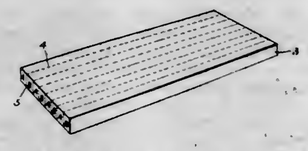
1,568,628. SIGNAL. JOHN H. SCHROEDER, Charleston, S. C. Filed Sept. 21, 1925. Serial No. 57,649. 2 Claims. (Cl. 246—293.)



1. The combination with a track including rails, and a highway crossing the track, of a support disposed along the highway at one side of the track, a semaphore mounted intermediate its ends on the support to swing vertically, a first bell crank fulcrumed on the support to swing vertically, second, third and fourth bell cranks fulcrumed between the rails to swing horizontally, fifth and sixth bell cranks fulcrumed to swing horizontally and outwardly of one of the rails, a connection between the third and sixth bell cranks, a connection between the fourth and fifth bell cranks, a rigid operating member mounted for right-line sliding movement in a direction parallel to the track and located outwardly of the other of the rails, rigid arms projecting inwardly from the operating member beneath said other rail, the arms being slidably engaged, respectively, with the second, third and fourth bell cranks, first and second car-operated actuating levers fulcrumed intermediate their ends for vertical swinging movement and disposed on opposite

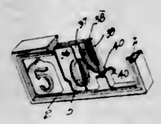
sides of the highway outwardly of said one rail, a connection between the lower end of the first car-operated lever and the sixth bell crank, an intermediate lever mounted between its ends for vertical swinging movement, a connection between the upper end of the third lever and the lower end of the second car-operated lever, and a connection between the lower end of the intermediate lever and the fifth bell crank.

1,568,629. PROCESS FOR MAKING PARTS FOR OPHTHALMIC MOUNTINGS. ELMER L. SCHUMACHER, Southbridge, and WILLIAM H. BOUTELLE, Sturbridge, Mass., assignors to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Original application filed Feb. 23, 1922, Serial No. 538,635. Divided and this application filed May 26, 1923. Serial No. 641,583. 6 Claims. (Cl. 18—59.)



1. The process of producing a temple for an ophthalmic mounting, consisting in cutting a temple blank from sheet material, splitting the blank into separated complementary portions, forming a metal receiving groove in each of said portions, inserting a metal member within the groove, uniting the two portions, and subsequently shaping the united parts into final form.

1,568,630. HOUSE NUMBER. GEORGE T. SHEARES, Atlanta, Ga. Filed Sept. 18, 1924. Serial No. 738,444. 3 Claims. (Cl. 40—132.)



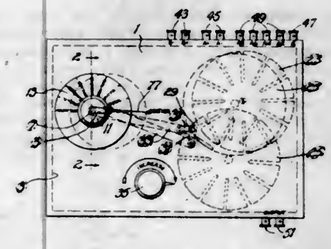
1. A house number box comprising in combination a substantially rectangular housing having its front side open, illuminating means carried within said housing, a front plate for closing the front side of said housing and having an edge portion bent to fit around the edge of said housing, and a plurality of box-like frame members carried by said plate, and a plurality of plate members carried by each of said box-like frame members, said members comprising a diffusing panel, an art panel and a stencil plate contrasting in color with respect to said art panel with characters formed by said stencil plate, and means integral with each of said box-like frame members for securing said plates in position whereby said characters are normally visible in daylight and become equally visible at night when said illuminating means becomes effective.

1,568,631. CANTILEVER BRIDGE. LOUIS H. SHOEMAKER, New York, N. Y. Filed Aug. 27, 1924. Serial No. 734,433. 5 Claims. (Cl. 14—7.)



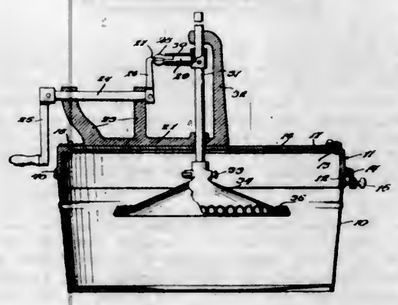
1. In a cantilever bridge, in combination, auxiliary anchor arm trusses extending from the anchorage to the pier, auxiliary cantilever arm trusses connected to said auxiliary anchor arm trusses extending from the pier outward and main cantilever arm trusses extending outward from the ends of said auxiliary cantilever arm trusses, said auxiliary cantilever arm trusses serving to support said main cantilever arm trusses, and stays extending from the latter to elevated points of support over the pier and thence further inward to the auxiliary anchor arm trusses.

1,568,632. RADIO RECEIVING APPARATUS. LLOYD Q. SLOCUMB, Ferguson, Mo. Filed Jan. 2, 1924. Serial No. 683,887. 7 Claims. (Cl. 250—14.)



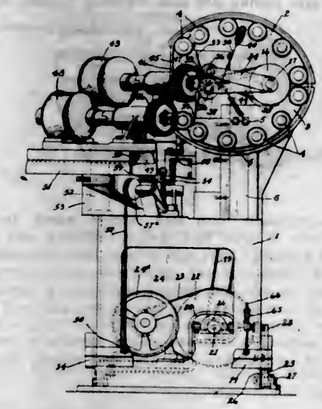
1. A compound radio adjustment comprising a fixed coil, a movable coil positioned in operative relation thereto, means movable substantially parallel to a panel for mounting thereof adapted to move said movable coil with respect to said fixed coil, a variable condenser, said means being movable substantially parallel to said panel to operate said condenser, one movement of said first means varying the capacity of the condenser only, and another movement of said first means affecting only the position of said movable coil.

1,568,633. OPERATING ATTACHMENT FOR WASH-TUBS. HARRY A. SMITH, Mondovi, Wash. Filed Aug. 9, 1924. Serial No. 731,122. 1 Claim. (Cl. 68—15.)



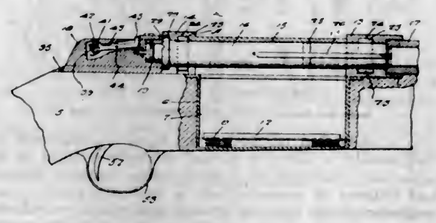
An operating attachment for wash tubs comprising an annulus fitting the top edge of the tub, a plunger suspended in the tub from the annulus, upstanding resilient clothes-retaining clips around the outer periphery of the plunger each consisting of straight side portions secured at their lower ends to the plunger and arcuate portions connecting the upper ends of the side portions, the clothes being clamped by and between the opposed straight side portions of adjacent clips, and means on the annulus to operate the plunger.

1,568,634. BEAD-BUFFING MACHINE. ROBERT W. SNYDER, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Sept. 30, 1920. Serial No. 413,689. 13 Claims. (Cl. 15—40.)



1. A machine for buffing tire beads comprising means for supporting and rotating an annular bead, means for maintaining the bead under constant tension and means for buffing the entire surface of the bead.

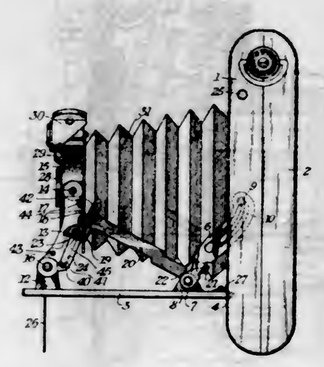
1,568,635. STRAIGHT-PULL BOLT-ACTION RIFLE. WILLIAM CLINTON SPEER, Quinault, Wash. Filed July 21, 1925. Serial No. 45,041. 3 Claims. (Cl. 42—16.)



2. In combination, a bolt, a sleeve associated with the bolt, a cocking piece associated with the bolt and movable in the sleeve, said cocking piece including a shoulder and a notch, a trigger mechanism associated with the shoulder, a shaft rotatable in the sleeve and including a crank engageable with the notch for holding said cocking piece locked, means on the sleeve for rotating the bolt and sliding the bolt and sleeve.

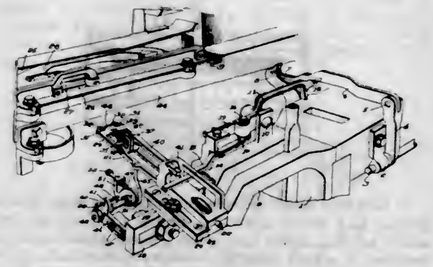
1,568,636. SELF-ERECTING-FRONT CAMERA. CHARLES F. SPEIDEL, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Dec. 28, 1923. Serial No. 683,113. 7 Claims. (Cl. 95—40.)

1. In a folding camera, the combination with a body, a bed hinged thereto, a folding lens mount and folding means on the bed pivotally and swingingly supporting the lens mount and provided with guides, of a folding erecting link, pivoted to the pivotally mounted lens mount



support and cooperating with the swinging lens mount support for positioning the lens mount in unfolding the camera.

1,568,637. FEELER MECHANISM FOR LOOMS. MELVIN L. STONE, Lawrence, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed June 10, 1925. Serial No. 36,088. 12 Claims. (Cl. 139—271.)

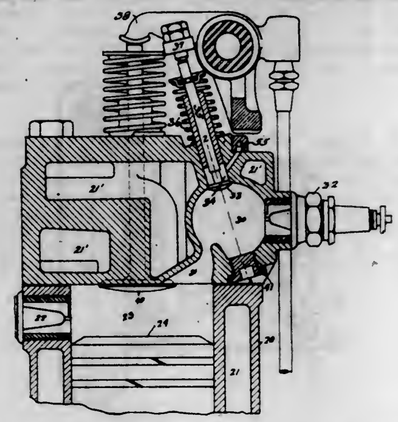


1. In a feeler mechanism for looms, the combination of the lay, filling detecting mechanism mounted in front of the lay, means for moving the detecting mechanism frontwardly at a lower speed than the approaching lay on a detecting beat that the filling may be engaged by the detecting mechanism with noninjurious contact, and means for changing the loom operation when the detecting mechanism detects substantial exhaustion of filling.

1,568,638. INTERNAL-COMBUSTION ENGINE. CALEB E. SUMMERS, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Oct. 27, 1921. Serial No. 510,880. 10 Claims. (Cl. 123—191.)

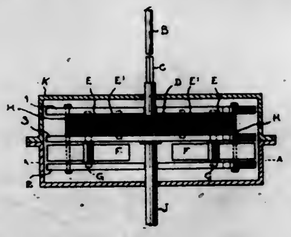
1. The method of operating an internal combustion engine which comprises supplying to each of the cyl-

inders thereof at one portion, a charge varying from air, at and under about eighth load to an efficient fuel



air mixture at full load, while simultaneously supplying to another portion of the cylinders an efficient fuel air mixture, and igniting the latter.

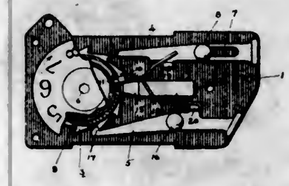
1,568,639. VARIABLE-VELOCITY-RATIO GEARING. WILLIAM BASIL SWART, Johannesburg, Transvaal, South Africa, assignor of one-half to Ernest Stansfield Ratcliffe, Cape Town, South Africa. Filed May 17, 1922. Serial No. 561,781. 3 Claims. (Cl. 74—34.)



1. Variable speed gearing, comprising axially alining driving and driven shafts; a pinion fixed to the drive shaft; an open frame embodying a set of plates connected together in spaced, parallel relation and fixed to the driven shaft; a spindle journaled in said frame plates to rotate therewith and also to rotate about its own axis; a planet pinion fixed to said spindle and gearing with the first-named pinion; and a vane fixed to said spindle to be constantly subjected to the action of a fluid and thereby resist the rotation of the spindle and its planet pinion.

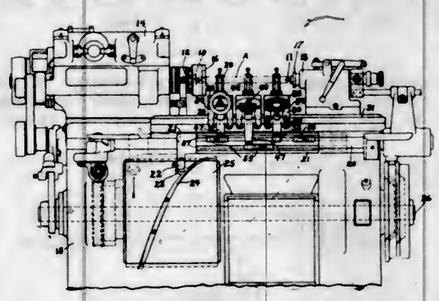
1,568,640. STROKE COUNTER. FRANCIS B. SWEENEY, Rochester, N. Y. Filed Mar. 20, 1925. Serial No. 16,969. 2 Claims. (Cl. 235—91.)

2. In a stroke counter, the combination of a base plate, a casing mounted on said base plate, a ratchet wheel mounted to rotate on said base plate within said casing, a spiral spring attached to said ratchet wheel and adapted to rotate said ratchet wheel in one direction, a sliding dog adapted to engage the teeth of said ratchet wheel on one side thereof and advance said wheel step by step, a release lever mounted to rock on said base plate and engage the teeth of said ratchet wheel on the opposite side thereof and prevent its rotation in the return direction, a lug carried on said base plate intermediate of said sliding dog and said release lever, a stop pin projecting from said ratchet wheel and engaging said lug at the end of a complete revolution in either one or the other direction, a leaf spring carried by said lug and having its ends projecting from either side thereof, one end of said leaf spring engaging said sliding dog and normally holding said dog



out of engagement with said ratchet wheel, the other of said ends of said leaf spring engaging said release lever and normally hold said release lever in engagement with said ratchet wheel, said base plate overhanging said casing at one end thereof, said casing having slots at one end thru which said sliding dog and said release lever can project for the operation thereof, said overhanging section of said base plate forming a guard for the end of said sliding dog and said release lever.

1,568,641. ATTACHMENT FOR AUTOMATIC LATHES. JOHN J. THACHER, Wethersfield, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed Apr. 8, 1922. Serial No. 550,582. 14 Claims. (Cl. 82—21.)

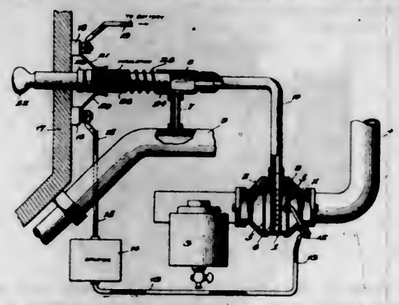


1. A cross feed mechanism for a lathe, comprising in combination, a plurality of tool carriages adapted to be adjustably positioned on a lathe, slides mounted thereon and adapted to support tools in operative position, an oscillatory lever on each of said tool carriages and engaging its slides so that oscillation of said levers moves each of said tool slides, and a reciprocatory slide having cams fixed thereon adapted to engage and oscillate said lever.

1,568,642. AUTOMOBILE INTAKE HEATER. HENRY R. THOMPSON, Falls Church, Va., assignor of one-half to Harry F. Lowe, Washington, D. C. Filed Mar. 17, 1922. Serial No. 544,606. 8 Claims. (Cl. 123—119.)

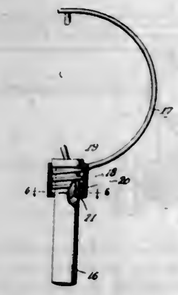
1. In combination with the exhaust and intake manifolds and the carbureter of an automobile, a heater connected to the carbureter and intake manifold and having electrical heating means therein, a T-member having its leg connected to the exhaust manifold, means to connect one end of the leg to the heater, a pair of terminals which with the heater and the electrical heating means are in the electric circuit of the automobile, a spring finger connected to each terminal, and a plunger slidable in the horizontal part of the T-member and having a conductor to engage each spring finger and

thereby close the circuit through the heater in one position of the plunger and having a non-conductor which in a second position of the plunger maintains the circuit through the heater open, and a valve on the plunger to



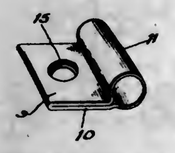
close the communication between the exhaust manifold and the heater when the plunger is in said first named position and to open such connection when the plunger is in the second named position thereof.

1,568,643. TIRE-CHAIN TOOL. HOLGER VARDER, New York, N. Y. Filed Jan. 24, 1925. Serial No. 4,632. 4 Claims. (Cl. 152—14.)



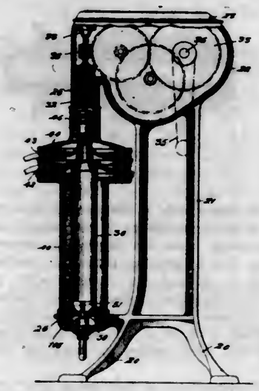
1. In a tire-chain tool, a bowed body-portion having an outwardly projecting handle at one end of said bowed body-portion, said handle being of substantial dimensions to enable it to be grasped by the hand of the user to support the tool and chain attached thereto, and chain supporting-pins projecting inwardly from opposite sides of the tool.

1,568,644. TERMINAL CONNECTER. EINAR WALLER, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Oct. 28, 1921. Serial No. 511,057. 3 Claims. (Cl. 173—269.)



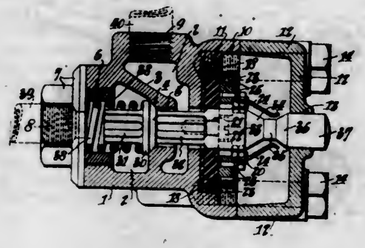
1. A terminal connecter comprising a tubular cable end receiving portion closed at one end by an imperforate wall which is integral with the side wall of the socket thus formed; and a flat connecting portion extending laterally from said tubular portion and comprising two plates in contact with one another, and which plates are integral with the side wall of said tubular portion or socket.

1,568,645. CREAM SEPARATOR. ROBERT WARNOCK, West Chester, Pa. Filed May 22, 1922. Serial No. 562,858. 16 Claims. (Cl. 233—21.)



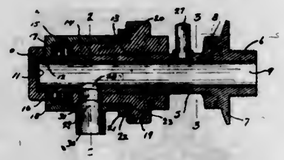
10. For use in a cream separator, a bowl having at one end an opening for the entrance of milk and at the other end converging, a hollow neck extending from the converging end of said bowl, a dividing wall having a tubular portion adapted to fit the inside of said hollow neck and having a flaring portion adapted to lie parallel to the converging inner surface of said bowl, and a coupling bolt extending through said neck and provided with a head arranged to cooperate with the end of the said dividing wall and hold the latter in position.

1,568,646. FORESTALLING APPARATUS. JEAN F. WEBB, Jr., New York, N. Y., assignor to The International Signal Co., a Corporation of Arizona. Filed Feb. 14, 1925. Serial No. 9,189. 7 Claims. (Cl. 246—181.)



4. A forestalling device comprising a casing having a chamber provided with a partition having a valve seat passage dividing the chamber into two compartments, an inlet to one compartment and an outlet from the other compartment, said casing also having a cup chamber and a cover for the same, a combined valve and circuit closer unit including a valve proper to cooperate with said valve seat passage and a contact member, the latter projecting through said cup chamber and cap, a handle mounted on the cap with a portion to engage said combined valve and circuit closer unit to move the same in one direction, means to move the same in the opposite direction, insulated circuit contacts in said cup chamber cooperating with said combined valve and circuit closer unit to close an electric circuit upon opening of the valve seat passage substantially as shown and described.

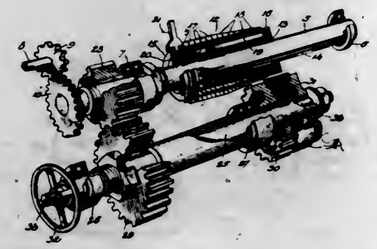
1,568,647. FAUCET. LEO WERTHEIMER, Buffalo, N. Y. Filed Apr. 27, 1925. Serial No. 26,039. 4 Claims. (Cl. 251—95.)



1. A faucet comprising a dispensing tube formed with an external, tapered periphery, a stationary sleeve carried by the dispensing tube an operating sleeve rotatably mounted upon the dispensing tube and having a portion of its periphery in bearing contact with the interior surface of the stationary sleeve, the operating sleeve having an exposed flange portion, packing means between the flange portion of the operating sleeve and the stationary sleeve, and means for rotating the operating sleeve.

3. A faucet comprising a dispensing tube provided with a tapered exterior periphery, and being formed with a centrally arranged aperture extending entirely through the tube, a cap for closing the outer end of the tube, a stationary sleeve carried by the tube, having its body part in spaced relation with the dispensing tube, an operating sleeve carried by the dispensing tube and disposed between this tube and the stationary sleeve, and a spring disposed in the space between the dispensing tube and stationary sleeve, and bearing against the end of the operating sleeve, whereby the operating sleeve will be held firmly upon its tapered bearing seat.

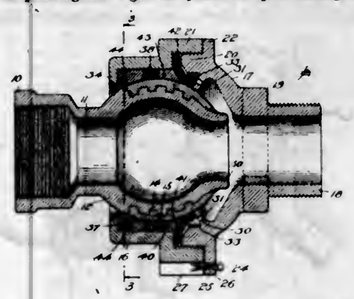
1,568,648. MANUFACTURE OF GEARS. JOHN W. WHITE, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Dec. 1, 1920. Serial No. 427,597. 15 Claims. (Cl. 80—16.)



1. In gear forming apparatus, a tooth-forming element, means for continuously supporting a blank in predetermined relation to said element, mechanism for causing relative movement of said element and said means whereby teeth may be impressed in said blank, and mechanism for producing relative movement of said element and said means transversely of the blank whereby the element is caused to travel laterally across the face of the blank.

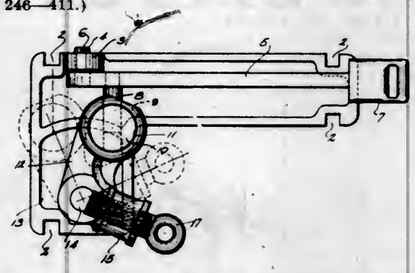
1,568,649. BALL JOINT. LEONIDAS D. WOODRUFF, St. Louis, Mo. Filed June 8, 1921. Serial No. 475,848. 4 Claims. (Cl. 285—95.)

1. In a ball joint, a body section and a ball section, a retaining gasket on one side of the center of the ball, and a floating gasket on the opposite side of the center of the ball, and means adapted to be placed under pressure by steam passing through the joint for preventing access



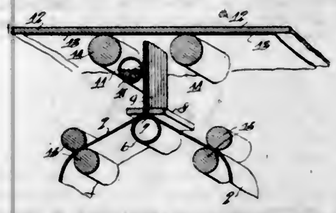
of steam to the space between said gaskets, said additional gasket being free to move in any direction in the absence of steam pressure.

1,568,650. SWITCH-THROW MECHANISM. ROBERT E. YOLTON, Birmingham, Ala., assignor to Kilby Frog & Switch Company, a Corporation of Alabama. Filed Mar. 30, 1925. Serial No. 19,208. 5 Claims. (Cl. 246—411.)



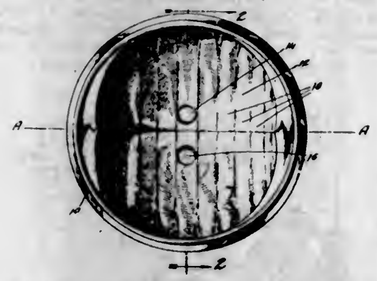
1. A switch throw mechanism comprising a stand, a lever mounted on said stand for movement parallel with the track, a horizontally movable rocker mounted on the stand and having one end adapted for connection to the switch and the other end carrying an upright cylinder, a piston in said cylinder, and an operating connection from the lever to the piston, there being a slot in the cylinder through which said connection is free to move with the lever.

1,568,651. COLOR-PRINTING DEVICE. ROBERT BRYSON, Vancouver, British Columbia, Canada. Filed Apr. 17, 1925. Serial No. 23,922. 5 Claims. (Cl. 101—115.)



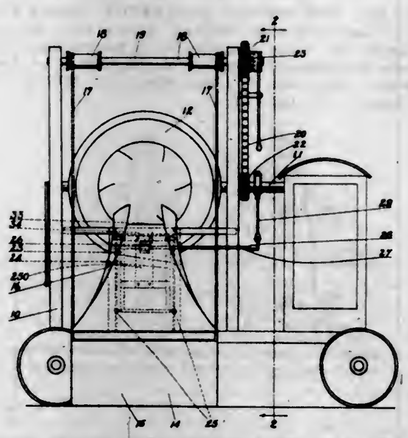
1. A means for reproducing colored posters or the like, said means comprising a screen of permeable material such as gauze, the interstices of which gauze have been rendered impermeable to air in parts, and means whereby the air permeable portions of the screen may be applied to control air sprays of liquid color on the surface of the poster paper.

1,568,652. HEADLAMP REFLECTOR. FRANK L. BURKE, Connersville, Ind., assignor, by direct and mesne assignments, of one-half to Indiana Lamp Corporation, Connersville, Ind., a Corporation of Delaware, and one-half to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Feb. 16, 1924. Serial No. 693,300. 3 Claims. (Cl. 240—41.)



3. A headlamp reflector having two parabolic sections arranged one above the other and meeting in a horizontal plane beneath the vertex of the upper section and above the vertex of the lower section, each section having means for supporting a lamp bulb in the axis of the curve, and each section being formed of a series of narrow flat parallel zones meeting in vertical planes at a distinct angle.

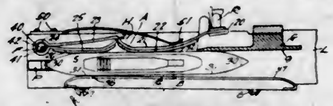
1,568,653. CONCRETE MIXER. HARRY G. BUTLER and ALBERT F. TEICHMAN, Cincinnati, Ohio, and EDWARD CARR, Ludlow, Ky. Filed Aug. 1, 1924. Serial No. 729,624. 8 Claims. (Cl. 83—73.)



1. In a device of the class described the combination of a frame, a mixing vessel supported by the frame, means for actuating the mixing vessel, a vibrating lug carried by the frame, and actuated from the vessel actuating means, and a bucket for movement relative to said mixing vessel, and arranged for engagement by the vibrating lug for expediting discharge of the bucket into the mixing vessel.

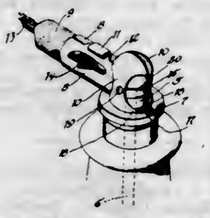
1,568,654. SHUTTLE CHECK. SAMUEL CHALMERS, North Andover, and FREDERICK J. FOLEY, Methuen, Mass., assignors of one-third to Hiram C. Straker, Methuen, Mass. Filed June 16, 1924. Serial No. 720,334. 6 Claims. (Cl. 139—185.)

1. The combination in a loom having a lay, a picker, an adjustable front binder and a protector rod finger at the back; of an adjustable pivot stud; with a shuttle binder formed of a strip of spring metal having a loop pivotal on the pivot stud and extending along the lay between the front binder and the protector rod finger having a padded short arm which swells out to a point where it will engage the shuttle at the base of its point,



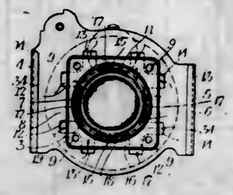
and a padded long arm which extends behind the short arm at a distance from the end thereof and thence swells out to a slightly less distance than the swell of the short arm and back to a tip which engages the protector rod finger; and a back spring which so engages the shuttle binder as to keep the long arm normally in the path of the shuttle.

1,568,655. TERMINAL CONNECTER FOR SPARK PLUGS. ALBERT CHAMPION, Flint, Mich., assignor to A C Spark Plug Company, Flint, Mich., a Corporation of Michigan. Filed Oct. 28, 1921. Serial No. 511,130. 3 Claims. (Cl. 173—269.)



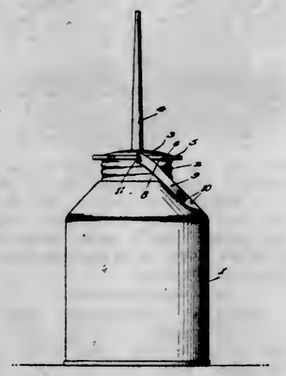
1. In combination with a terminal to which electricity is to be supplied, a connecter having a body portion whereby it may be secured to an electrical supply conductor, and a hollow socket portion adapted to receive the terminal with which the connecter is to be connected; said socket portion having a bottom opening of a size sufficient to permit the terminal to pass thereinto, a side opening communicating with said bottom opening and of a size such that the terminal may pass therethrough as the connecter is disconnected from the terminal, and two oppositely disposed projections between said openings and extending toward one another, and the extremities of which determine the width of the passage whereby said two openings are placed in communication with one another.

1,568,656. CAMERA BELLOWS CONSTRUCTION. JOHN CHRISTIE, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 12, 1925. Serial No. 14,919. 12 Claims. (Cl. 95—11.)



1. In a photographic camera having bellows and a shutter, the combination with an apertured bellows supporting plate, and an apertured lens board upon which the bellows supporting plate is carried, a plurality of lugs extending from the periphery of the lens board aperture for guiding and supporting the shutter, said lugs being spaced to provide a passage way for air through the two apertured members.

1,568,657. OIL CAN. WILLIS A. COE, Trenton, Nebr. Filed Dec. 29, 1924. Serial No. 758,707. 4 Claims. (Cl. 221—56.)



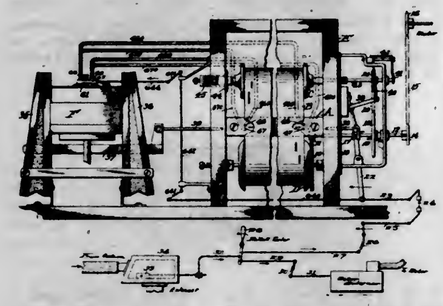
1. The combination with an oil can having a spout cap threaded into its mouth, of a flange upon the cap surrounding the same and provided with a series of abutments, and a resilient volute detent finger secured at one end to the can and extending circumferentially of the can with its other end in engagement with the flange for coaction with the abutments thereon.

1,568,658. PRESERVATIVE FOR MOTION-PICTURE FILMS. JOHN I. CRABTREE, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 3, 1925. Serial No. 13,002. 8 Claims. (Cl. 91—69.)

1. A preservative for motion picture film comprising glycerine and ethylene glycol.

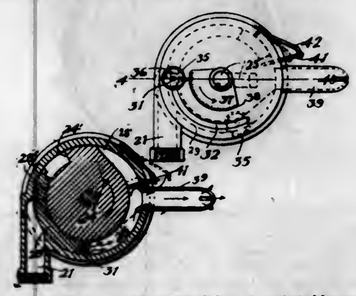
6. The method of treating motion picture film to maintain its flexibility that comprises submitting the film to a bath comprising glycerine and ethylene glycol.

1,568,659. TRACKING MECHANISM FOR MUSIC SHEETS. THOMAS DANQUARD, Newark, N. J., assignor to Auto Pneumatic Action Company, New York, N. Y., a Corporation of New York. Original application filed Nov. 4, 1921. Serial No. 512,886. Divided and this application filed July 25, 1923. Serial No. 653,686. 4 Claims. (Cl. 84—140.)



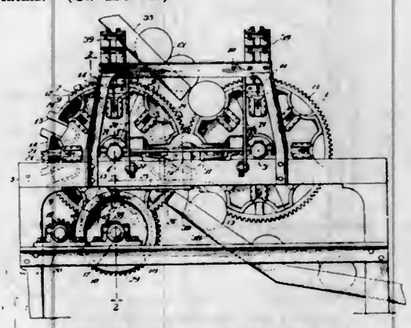
1. The combination of an apertured tracker bar, means for drawing a perforated music sheet from the music spool over the tracker bar for playing, means for rotating the music spool for rewinding, an automatic tracking mechanism for maintaining the music sheet in proper lateral position on the tracker while tracking forward consisting of two opposed shifter pneumatics, valves for controlling the same, guide openings controlled by the music sheet, connections therefrom to said valves, and means for closing the communication between the guide openings and the valves during the rewinding action.

1,568,660. DEVICE FOR DELIVERING A MEASURED QUANTITY OF ICE CREAM. GEORGE A. DUMAS, Springfield, Mass., assignor of one-half to Herbert L. Handy, sr., Springfield, Mass. Filed Dec. 9, 1924. Serial No. 754,732. 6 Claims. (Cl. 221—103.)



1. A measuring device comprising a rotatable member which is formed with a groove in its edge to receive the material, means for rotating the grooved member, adjustable piston means in the groove for varying the volume of the groove portion into which the material is forced, and means for permitting the escape of the material from the grooved portion.

1,568,661. EAR-FEEDING APPARATUS. GEORGE ELLIOTT and HAROLD M. WALKER, Kansas City, Mo., assignors, by mesne assignments, to International Patents Development Company, a Corporation of Delaware. Filed Aug. 9, 1924. Serial No. 731,046. 28 Claims. (Cl. 113—1.)

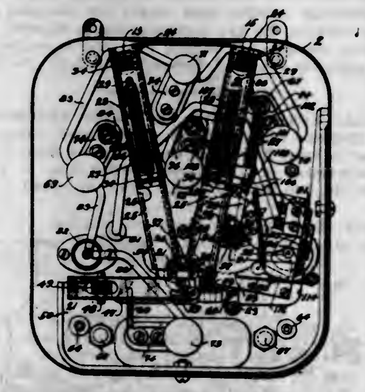


1. An apparatus for feeding pail ears to an ear manipulating machine, comprising a chute having an open lower end through which the ears would normally discharge by gravity, yieldable means engaging the lowermost ear to hold the ears within the chute, and means for positively forcing this ear from the chute past the first mentioned means, the yieldable means then engaging the next succeeding ear.

1,568,662. COMBINATION SIGNAL DEVICE FOR VEHICLES. JACOB G. FRIEMAN, St. Paul, Minn., and WILLIAM A. RANKIN, Oak Park, Ill.; said Rankin assignor to said Frieman. Filed Jan. 15, 1923. Serial No. 612,861. 15 Claims. (Cl. 116—36.)

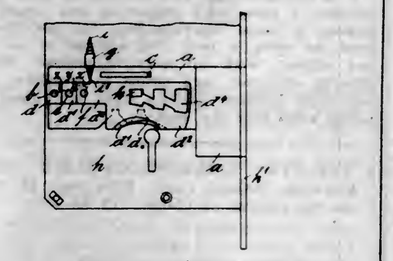
1. A signal device of the character described, including a sign, a shutter for the sign, and means for actuating

the shutter including a member disposed at the axis of the shutter and having a spiral portion in combination



with another element having a sliding engagement with the said spiral portion whereby rotary motion is produced to swing the shutter.

1,568,663. LOCK WITH SEVERAL TUMBLERS. MAXIMILIAN FÜBER, Lubeck, Germany. Filed May 26, 1923. Serial No. 641,652. 2 Claims. (Cl. 70—75.)

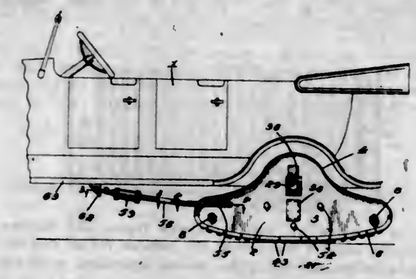


1. A lock with several tumblers controlled by a common spring comprising in combination a key plate, a pivot pin fixed on said key plate at the inner end of the same, a guide pin fixed on said key plate at about the middle of the same, a hook fixed on said key plate above said guide pin, a bolt guided on said pins, a set of tumblers on said bolt the lowermost of said tumblers being pivotally mounted at its inner end on said pivot pin and having in proximity to said pivot pin a pivot pin for the next following tumbler each following tumbler having a pivot pin for the succeeding tumbler, and a tumbler spring attached with one end to the uppermost tumbler and with the other end to said hook of the key plate.

1,568,664. PREPARING STRAW BRAID FOR BLEACHING. EDGAR W. GEISLER, Brooklyn, N. Y., assignor to R. H. Comey Brooklyn Company, Brooklyn, N. Y., a Corporation of New York. Filed June 15, 1925. Serial No. 37,326. 6 Claims. (Cl. 8—2.)

1. The process of treating straw braid vegetable fibers having their original form and general physical characteristics, comprising the preliminary step of subjecting them while moist to chlorine gas whereby said fibers may be subsequently readily penetrated by a bleaching agent, and the step of subjecting them to the action of a bleaching agent other than chlorine.

1,568,665. PROPULSION DEVICE. EVANS GELLY, Quebec, Quebec, Canada. Filed Jan. 25, 1924. Serial No. 688,566. 2 Claims. (Cl. 305—3.)



2. A propulsion device comprising a frame including side plates, track members supported by said plates, shafts mounted in the frame, sprocket wheels mounted on the shafts, a tread member passed around said wheels, and provided at its ends with roller wheels adapted to travel in said tracks, and means for actuating said member from the driving axle.

1,568,666. CONNECTER SLEEVE. CHARLES E. GODLEY, Detroit, Mich., assignor to Edmunds & Jones Corporation, Detroit, Mich., a Corporation of New York. Filed Aug. 3, 1922. Serial No. 579,357. 4 Claims. (Cl. 173—328.)



1. A cylindrical connecter sleeve having perforated ears at its ends and inwardly turned and a connecter within the sleeve secured in position by said lips.

1,568,667. CARBOCYANINE DYES AND PROCESS OF MAKING SAME. GURNEY O. GUTEKUNST, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Sept. 29, 1921. Serial No. 504,207. 5 Claims. (Cl. 260—40.)

1. A dye of the carbocyanine type produced by the condensation on itself of a naphtho-quinaldine alkylhalide.

1,568,668. THUMB-SUCKING PREVENTER. ADRIA L. HARRISON, Oakland, Calif. Filed Feb. 25, 1924. Serial No. 694,965. 4 Claims. (Cl. 128—133.)

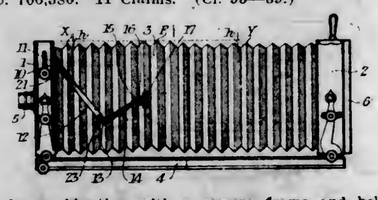


2. A thumb sucking preventer comprising a flexible tube, and means to secure said tube to the side of the finger whereby air is drawn through the tube in the sucking of the finger.

1,568,669. SOLDERING SOLUTION. CLOICE B. HULL, Cleveland, Ohio. Filed Oct. 17, 1924. Serial No. 744,255. 3 Claims. (Cl. 148—23.)

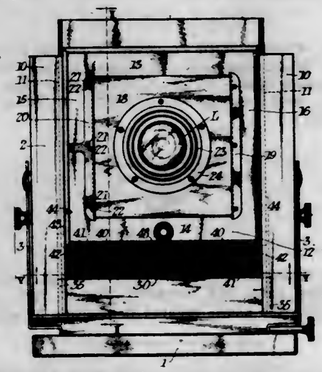
1. A solution of the above character containing antimony trioxide, zinc chloride and glycerine.

1,568,670. BELLOWS SUPPORT FOR CAMERAS. CHARLES E. HUTCHINGS, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Apr. 14, 1924. Serial No. 706,580. 11 Claims. (Cl. 95—39.)



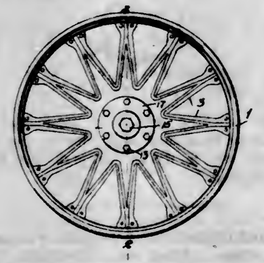
1. In combination with a camera frame and bellows, a bellows support connecting the camera frame and bellows including pivoted links, means associated with the links for resisting bellows sag.

1,568,671. RISING FRONT FOR CAMERAS. CHARLES E. HUTCHINGS, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Apr. 14, 1924. Serial No. 706,582. 11 Claims. (Cl. 95—51.)



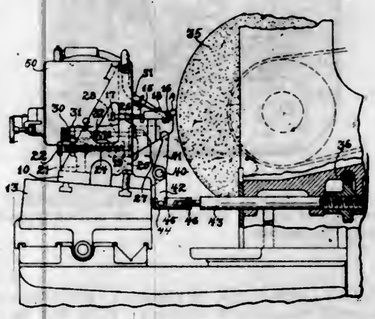
1. In a photographic camera, the combination with a camera front adapted to move in a slideway, of a frame adjacent the slideway, and a guard plate adapted to move relative to the frame, said plate being engaged and moved by the camera front as the front is moved in its slideway, whereby light is prevented from entering between the camera front and frame.

1,568,672. VEHICLE WHEEL. EDWARD E. KELLOGG, Norwalk, Calif., assignor of one-half to A. T. Smith, Los Angeles, Calif. Filed May 23, 1922. Serial No. 562,994. 1 Claim. (Cl. 301—64.)



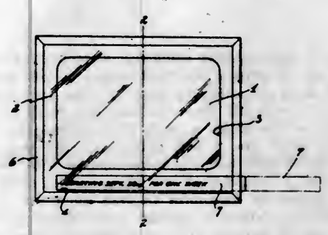
In a wheel, a hub having a flange near its inner end, a sleeve on the hub having a flange adapted to be secured to the former flange, a member slidable on the sleeve having a flange thereon in opposing relation to the second flange, rim sustaining members diverging from the rim toward the hub secured to the opposing flanges in confronting relation, and means for changing the spacing between the two opposing flanges whereby the sustaining members are radially expanded or contracted for engagement with or disengagement from the rim.

1,568,673. SPRING BACK REST FOR AUTOMATIC GRINDERS. CARROLL KNOWLES, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed Aug. 7, 1922. Serial No. 580,263. 21 Claims. (Cl. 51—238.)



1. A cylindrical grinding machine comprising in combination, a base, work supporting and rotating means thereon, a wheel carrying slide movable toward and from the work, a back rest adapted to contact with and support work in operative position during the grinding operation, and means to withdraw the back rest from operative position when said wheel slide is moved away from the work.

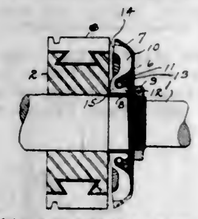
1,568,674. STEREOPTICON SLIDE. THOMAS B. KNOWLES, Oakland, Calif. Filed Sept. 19, 1923. Serial No. 663,622. 1 Claim. (Cl. 88—26.)



An improved stereopticon slide comprising a picture slide, a mat placed over said slide having an opening therein for the picture, a piece of glass placed over said mat and an auxiliary slide adapted to be inserted within a slot in the mat and between the picture slide and the glass.

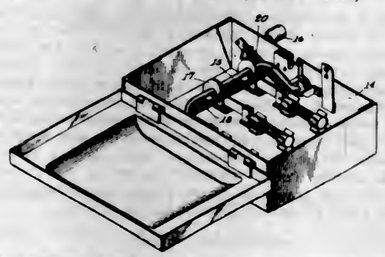
1,568,675. SHORT CIRCUITER FOR ELECTRIC MOTORS. EVERETT P. LARSH, Dayton, Ohio. Filed Oct. 20, 1923. Serial No. 669,716. 21 Claims. (Cl. 172—279.)

1. In a short circuiting device for motors, an annular series of radially disposed centrifugally actuated weights arranged circumferentially of the motor shaft, a bearing point adjacent the inner end of each weight about which the weight is capable of lateral oscillatory movement to and from the motor commutator, and an annular contractile band circumferentially engaging portions of said weights against the yielding resistance of



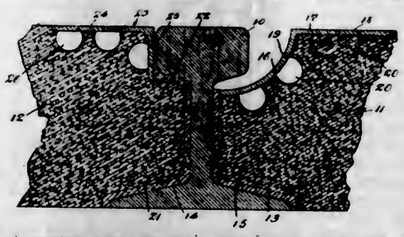
which the weights are movable about their bearing points under centrifugal influence to effect the short circuiting of the motor commutator.

1,568,676. KNIFE-BLADE SWITCH. HENRY E. LEPPERT, New Britain, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a Corporation of Connecticut. Filed Oct. 6, 1924. Serial No. 741,787. 9 Claims. (Cl. 200—171.)



1. A knife switch contact including spaced contact jaws, a stop block member and link means loosely connecting said block member with said jaws to retain said block member in fixed position adjacent said jaws but entirely outside of the space between said spaced jaws.

1,568,677. STREET-RAILWAY CONSTRUCTION. WILLIAM F. MCCANLESS, Charlotte, N. C. Filed Oct. 9, 1923. Serial No. 667,573. 2 Claims. (Cl. 94—15.)



1. A paving block for use with street railway tracks having a protecting shoulder for the corner thereof disposed adjacent the rails of the track, said protective shoulder comprising a pair of angularly disposed flanges, each of said flanges being provided with a plurality of gripping lugs embedded in the body of the block.

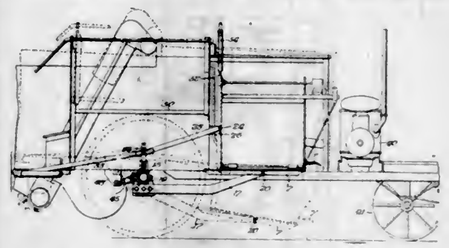
1,568,678. CAR COUPLING. PATRICK MCDONALD, Westville, Ill. Filed May 26, 1923. Serial No. 641,788. 1 Claim. (Cl. 213—185.)

A coupler comprising a housing, a draw bar mounted in said housing and adapted to move longitudinally thereof, said draw bar being provided with a longitudinal slot, a rigid pin secured in said housing and passing through said slot and adapted to cooperate with said slot to limit the movement of said draw bar, an operating shaft connected to said draw bar by suitable crank and link mechanism, so that rotation of said shaft will move said draw bar longitudinally relative to said housing, fixed bearings for said shaft, a coil spring mounted on said shaft and having its one end secured to said shaft and its other end secured to one of said fixed bearings, so that rotation of said shaft to move said draw



bar out of said housing into coupling position will tension said spring sufficiently to cause an automatic return of said draw bar and shaft when said draw bar is released from coupling position, and an upwardly projecting latching head on the forward end of said draw bar, said latching head having a downwardly inclined or beveled forward face so as to cause said head to be forced under and to automatically engage with the latch bar of a mating coupler when said draw bar is moved forward so as to project beyond the forward end of its housing.

1,568,679. COMBINATION HARVESTER THRASHER. WALLACE F. MACGREGOR, Racine, Wis., assignor to J. I. Case Threshing Machine Company, Racine, Wis., a Corporation. Filed June 19, 1922, Serial No. 569,293. Renewed Aug. 22, 1925. 24 Claims. (Cl. 56—125.)



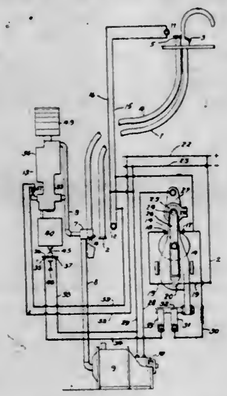
1. In a combined harvester-thrasher, a supporting wheel for said thrasher, a grain wheel for said harvester, a continuous axle mounted in said wheels, and means connecting said harvester and axle by which the latter may be rocked upon the vertical movement of said harvester.

24. In a machine of the class described, a harvester, a thrasher, supporting wheels for said elements, a continuous rocking axle connecting said wheels, means for connecting said harvester and axle for vertically moving said harvester, and means for connecting said thrasher and axle for vertically moving said thrasher when said axle is rocked.

1,568,680. PNEUMATIC-DISPATCH APPARATUS. JAMES G. MACLAREN, Mamaroneck, N. Y., assignor, by mesne assignments, to The Lamson Company, a Corporation of Massachusetts. Filed Feb. 12, 1921, Serial No. 444,592. Renewed July 2, 1925. 28 Claims. (Cl. 243—9.)

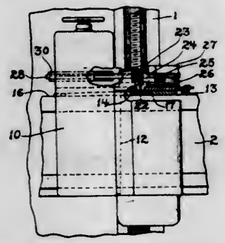
10. Power control apparatus for a pneumatic dispatch system having a transmission tube and means for creating a carrier impelling air flow through the tube, said apparatus comprising a pressure actuated pneumatic which begins to move in a given direction upon introduction of a carrier into the transmission tube, said pneumatic, upon completion of its normal range of movement, causing cessation of the carrier propelling air

flow, a second pressure actuated pneumatic moving more rapidly than the first when a carrier is introduced into the tube, and means operable by the second pneumatic



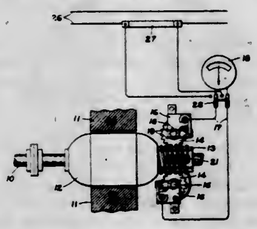
to prevent completion of the movement of the first pneumatic in said direction until the carrier has emerged from the tube.

1,568,681. ADJUSTING AND CLAMPING GIB. NICHOLAS MARCALUS, Plainfield, N. J. assignor to Niles-Bement-Pond Company, New York, N. Y., a Corporation of New Jersey. Filed Dec. 20, 1923. Serial No. 681,782. 5 Claims. (Cl. 308—3.)



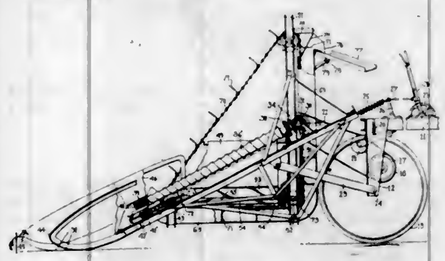
1. A combined adjusting and clamping gib comprising two adjacent taper elements for cooperating with two relatively movable members, one of the elements being movable for relatively adjusting the two members, and the other element being movable to clamp and unclamp the two members.

1,568,682. COMMUTATION. FREDRICK S. MARCELLUS, Amsterdam, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Oct. 9, 1923. Serial No. 667,575. 5 Claims. (Cl. 171—321.)



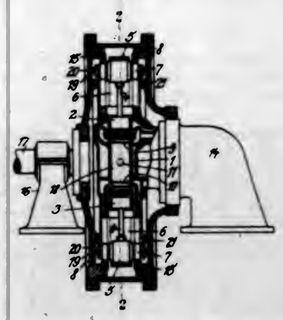
1. A commutating arrangement for dynamo electric machines comprising a circumferentially grooved commutator and brushes bearing thereon cut to fit said grooves, said brushes having relatively movable sections fitting into the same groove and resilient means for causing said sections to press against opposite sides of said groove.

1,568,683. CORN HARVESTER. JOHN M. MEYERS, Janesville, Wis., assignor to Durant Engineering Corporation, New York, N. Y., a Corporation of Delaware. Filed Feb. 9, 1920. Serial No. 357,492. 7 Claims. (Cl. 56—18.)



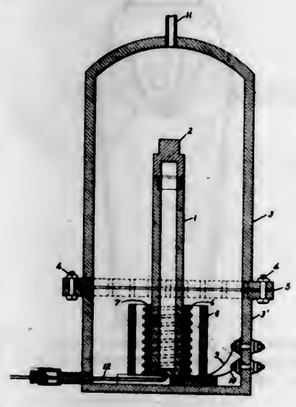
2. In a corn picker the combination of a traveling frame, a picker frame supported in part thereby and connected thereto by means permitting said picker frame to swing vertically relatively to said traveling frame, additional supporting means on said picker frame adapted to travel in contact with the ground surface, and spring means interposed between said frames adapted to restrain yieldingly the downward swinging movement of said picker frame, the connections being such as to permit the picker frame normally to swing freely relatively to said traveling frame under the influence of gravity while restrained by said spring means.

1,568,684. ENGINE, AND PARTICULARLY INTERNAL-COMBUSTION ENGINE. HERMANN MICHEL, Voorde, Germany. Filed Oct. 27, 1923. Serial No. 671,193. 3 Claims. (Cl. 123—51.)



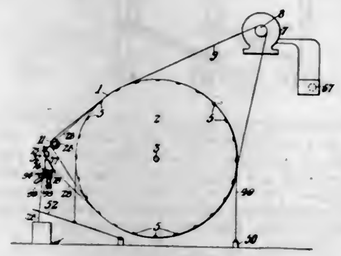
2. An engine comprising stationary cylinders, pistons reciprocating therein, a rotary fly-wheel provided with a main cam track, main operating rollers connected with the pistons and engaging said cam track to rotate the fly-wheel, auxiliary rollers likewise connected with said pistons, said fly-wheel also having an auxiliary cam track for cooperation with said auxiliary rollers during the starting operation and while the engine is coming to a stop, those portions of the main cam track which are operative during the second half of the inward piston stroke being so constructed that the distance between the two cam tracks is sufficient to keep the auxiliary rollers out of contact with the auxiliary track when the main operating rollers are in engagement with the main track.

1,568,685. PURIFICATION OF HIGHLY-OXIDIZABLE METALS. ROY W. MOORE, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Mar. 2, 1923. Serial No. 622,240. 4 Claims. (Cl. 75—17.)



1. The process of separating uranium from a less fusible oxide which consists in fusing said metal under inert conditions and withdrawing the fused metal from the less fusible oxygenous material.

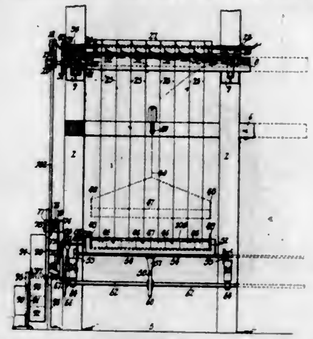
1,568,686. FILAMENT-DRYING APPARATUS. SAMUEL A. NEIDICH, Edgewater Park, N. J. Filed July 29, 1925. Serial No. 46,822. 13 Claims. (Cl. 34—48.)



1. In filament drying apparatus; the combination with an open reel; of means arranged to rotate said reel; means arranged to direct a wet filament upon said reel, at one end thereof; and means arranged to withdraw a separate dry filament from said reel; whereby separate filaments may be successively wound upon said reel, and unwound therefrom; such winding and unwinding being intermittently and contemporaneously effected, to spontaneously dry said filament during such winding and unwinding.

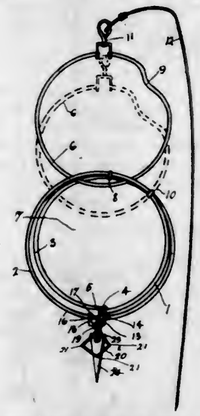
1,568,687. APPARATUS FOR TREATING FILAMENTS FORMED FROM VISCOSE. SAMUEL A. NEIDICH, Edgewater Park, N. J. Filed July 30, 1925. Serial No. 46,952. 7 Claims. (Cl. 18—8.)

7. Means arranged to store a filament of partially coagulated viscose, including a tray, supported in a substantially horizontal plane; means arranged to progressively lower said filament, substantially vertically with respect to said tray; and means arranged to relatively move said filament and tray, arranged to drop said filament into said tray in convolutions which are transversely and longitudinally successive with reference to the length of the tray, in which the filament is



thus progressively distributed and received; whereby said filament is so stored in said tray that it may be progressively withdrawn therefrom without tangling.

1,568,688. TRAP. OLOF ALBIN NORD, Vavenby, British Columbia, Canada. Filed Feb. 2, 1925. Serial No. 6,431. 4 Claims. (Cl. 43—89.)

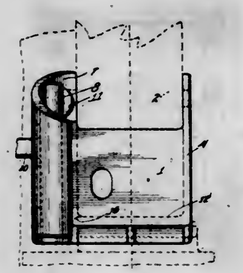


1. A trap comprising a double ring the coils of which are spaced apart, a single ring provided at its upper end with a swivel and a wire attached to the swivel freely connected to said double ring and movable across the opening of the same, a U-shaped bracket secured to the bottom of the double ring provided with a swivel and a spike freely connected to said swivel, a link pivoted at one end to the double ring between the legs of the said bracket having its upper end adapted to bear in trip-fashion on the bottom end of the single ring when the latter is placed in registration with the double one, and an arm pivoted at its inner end to the said link adapted under pressure on its outer end when horizontal to trip the link clear of the single ring.

1,568,689. BOLT MOUNTING AND SHOE FOR CAR-DOOR POSTS. KARL F. NYSTROM, Chicago, Ill., assignor to Camel Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 10, 1924. Serial No. 748,873. 7 Claims. (Cl. 212—42.)

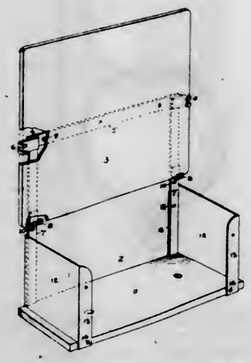
1. A combined post shoe and bolt socket for door posts comprising a housing adapted to receive the end of a post, and a bolt socket integral therewith, adapted to

receive a bolt for locking the shoe with its contained post, in position relatively to a structure in which the post is used; said socket having its sinner side open to



the post to admit the bolt laterally thereto and said housing supporting the post with the face thereof in position to close the rear side of the socket.

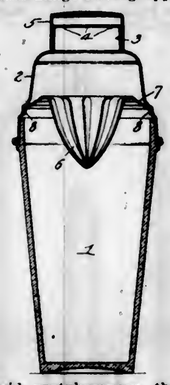
1,568,690. COMBINATION MIRROR AND TOWEL RACK. PHILIP D. PARSONS, Philadelphia, Pa., assignor to Scott Paper Company, a Corporation of Pennsylvania. Filed Dec. 14, 1922. Serial No. 606,779. 4 Claims. (Cl. 45—52.)



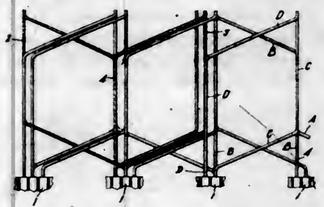
1. In a device of the character stated, the combination of a collapsible towel-rack having hinged end portions, a metallic frame to which the towel-rack is detachably secured and extending upwardly therefrom for suspending the towel-rack in open operable condition, and mechanical connections between the metallic frame and the towel-rack for holding the hinged end portions in spaced relation and, whereby the rack and frame may be separated to permit the towel-rack to be collapsed for shipment.

1,568,691. COMBINED SQUEEZER AND BEVERAGE SHAKER. JAMES R. PIERSON, New York, N. Y. Filed June 29, 1925. Serial No. 40,215. 3 Claims. (Cl. 146—3.)

1. The combination with a beverage shaker having a removable hood of a squeezer element comprising a fluted dome and a flange surrounding said dome, said flange being snugly and removably insertable in said hood, the wall of said hood being provided with inward protuberances, and said flange having opposed peripheral recesses to pass said protuberances, thereby enabling the flange to engage behind said protuberances in a partial turn of the squeezer element.

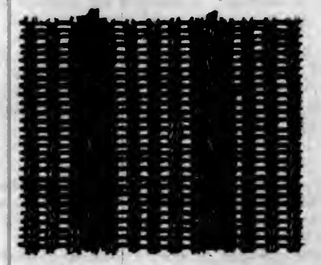


1,568,692. DYNAMO-ELECTRIC MACHINE. ALAN ADAIR POLLOCK, Leamington Spa, England, assignor to General Electric Company, a Corporation of New York. Filed Mar. 19, 1925. Serial No. 16,652. 4 Claims. (Cl. 171—206.)



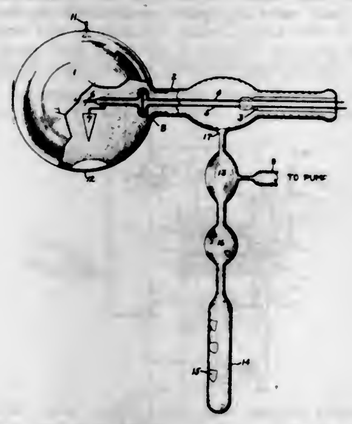
1. A dynamo electric machine of the commutating type having an armature winding comprising coils, each coil comprising a plurality of conductors, two of said conductors of each coil being located substantially 360 electrical degrees apart and another of said conductors of each coil being located substantially 180 electrical degrees from each of said first mentioned conductors.

1,568,693. KNIT FABRIC. ROBERT ROTHMAN, Brooklyn, N. Y. Filed Dec. 26, 1924. Serial No. 757,994. 7 Claims. (Cl. 66—4.)



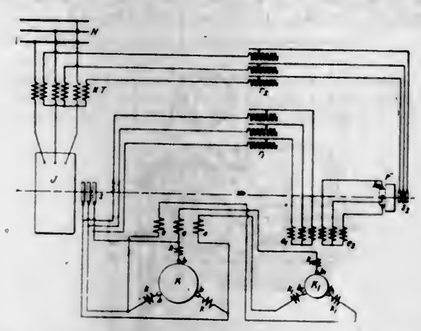
1. In a knit fabric, a wale of multiple threads in each successive loop, such wale being interposed between wales, in which each group of three adjacent course threads on each side are brought together to form a series of successive multiple thread loops in the form of a knit wale.

1,568,694. PHOTO-ELECTRIC DEVICE. WILLIAM A. RUGGLES, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Apr. 16, 1921. Serial No. 462,052. 9 Claims. (Cl. 250—34.)



1. The method of preparing a light sensitive device which consists in depositing metal upon the inner surface of an evacuated container, and depositing a photo-sensitive material upon said surface while maintaining said vacuum.

1,568,695. CASCADE INDUCTION-MOTOR REGULATION. WALTER SEIZ, Baden, Switzerland, assignor to General Electric Company, a Corporation of New York. Filed Aug. 21, 1922. Serial No. 583,112. 4 Claims. (Cl. 172—274.)



1. A regulating system for induction motors comprising a wound rotor induction motor, a commutator machine connected in cascade with said motor, an exciter for said commutator machine, means for exciting said exciter with a current derived from the primary circuit of said motor and proportional to the primary current and the slip of said motor and means for causing said exciting current to have a frequency varying with the slip frequency of the induction motor.

1,568,696. PIE PLATE. RICHARD M. SMYTHE, Brooklyn, N. Y., assignor to Henry M. Black, New York, N. Y. Filed Aug. 2, 1923. Serial No. 655,238. 1 Claim. (Cl. 53—6.)

A pie plate comprising a circular bottom a downwardly and inwardly sloping side wall, an upwardly and outwardly inclined border flange or brim extending from the upper portion of said side wall and an upwardly and outwardly flaring rim at the outer edge of said flange or brim, said inclined flange or brim merging into said side



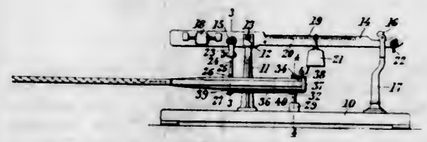
wall on a downwardly slanting convexly curved juncture zone, and said flange or brim and said rim being run together by means of a distant fillet.

1,568,697. SHOCK ABSORBER. WILLIAM G. STRUTHERS, Oakland, Calif. Filed Aug. 4, 1924. Serial No. 729,941. 7 Claims. (Cl. 267—10.)



1. In a shock absorber, a stationery drum provided with an arbor extension, a yoke mounted upon said arbor extension, a jaw element integral with and protruding from one side of said yoke, a second jaw element separate from said yoke, a drum gripping member interposed between both of said jaws and the drum, a flexible member wound about said jaws to actuate the drum gripping member, and a spring connected to said yoke and tending to prevent the unwinding of said flexible member with respect to the jaws.

1,568,698. APPARATUS FOR OBTAINING THE LEVERAGE WEIGHT OF ATHLETIC IMPLEMENTS. PEMBROKE A. VAILE and FRANCIS V. ROY, Chicago, Ill., assignors to E. and T. Fairbanks and Company, St. Johnsbury, Vt., a Corporation of Vermont. Filed May 27, 1925. Serial No. 33,188. 6 Claims. (Cl. 265—49.)

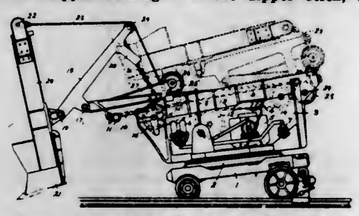


1. The combination with a weigh-beam, of a load member pivoted to swing in a fixed path, a fulcrum member pivoted to swing in a path at right angles to said load member, and means connecting the two members for maintaining a fixed distance therebetween.

1,568,699. MECHANICAL SHOVEL. ERICK VON MEHREN, Duluth, Minn., assignor to Hear Shovel Company, Duluth, Minn., a Corporation of Minnesota. Filed Oct. 12, 1925. Serial No. 62,005. 4 Claims. (Cl. 214—134.)

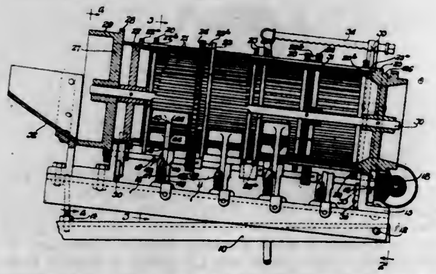
1. In combination a tram car having a turntable thereupon, a power containing superstructure pivotally carried upon the turntable, a carriage reciprocably carried within the superstructure, an auxiliary dipper stick pivotally carried upon the carriage, a dipper and dipper

stick proper pivotally carried upon the auxiliary dipper stick, a dipper manipulating line attached to the free end of the dipper leading over the dipper stick, down-



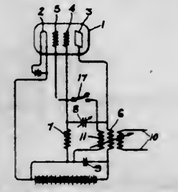
wardly about a sheave in the rear end of the carriage and thence to the power mechanism within the superstructure.

1,568,700. APPARATUS AND PROCESS FOR STEMMING FRUIT. WILLIAM E. URSCHEL, Valparaiso, Ind. Filed Apr. 22, 1925. Serial No. 25,028. 14 Claims. (Cl. 146—55.)



1. In a fruit stemmer, a movable perforate member having openings permitting of fruit stems projecting therethrough, a member mounted against rotation adapted to engage fruit stems projecting through said openings in said member, and means for causing fruit to move upon said perforate member.

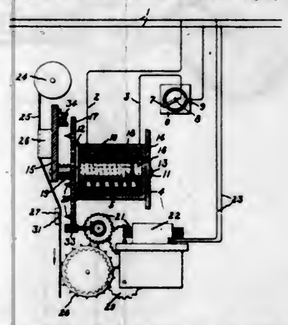
1,568,701. ELECTRON-DISCHARGE APPARATUS. JOHN C. WARNER, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Mar. 5, 1925. Serial No. 13,042. 6 Claims. (Cl. 250—36.)



1. The combination with an electron discharge device having an electron emitting cathode, an anode and two grids interposed between cathode and anode, one of said grids being nearer the anode than the other, of means for producing oscillations comprising an oscillating circuit connected to the anode and one of the grids and a coupling between the oscillating circuit and a circuit of the other grid.

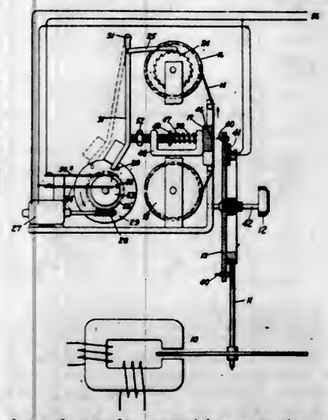
1,568,702. GRAPHIC INTEGRATING RECORDER. HENRY E. WARREN, Ashland, Mass., assignor to General Electric Company, a Corporation of New York. Filed Jan. 4, 1922. Serial No. 527,011. 8 Claims. (Cl. 234—5.5.)

8. In combination a source of alternating current an instrument for recording the integrated value thereof comprising a record sheet, means for advancing said sheet at a substantially uniform rate, a wheel provided with a plurality of equally spaced concentrically arranged styli on one side thereof, a synchronous motor connected to said source for rotating said wheel and advancing said sheet at speeds proportional to the frequency of said source, means for guiding said sheet in a radial direction adjacent a sector of said wheel and opposite the path of movement of said styli, means for



momentarily moving said wheel in an axial direction to cause the stylus or styli adjacent said sheet to make contact therewith to establish a record and a chronometer for causing said last mentioned means to operate at constant predetermined time intervals, said time intervals being such as to cause the records made by the successive styli to fall in a line parallel to the path of movement of said record sheet when the frequency is constant at normal value.

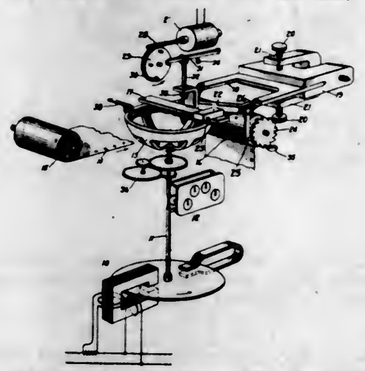
1,568,703. DEMAND RECORDER. HENRY E. WARREN, Ashland, Mass., assignor to General Electric Company, a Corporation of New York. Filed Mar. 21, 1924. Serial No. 700,947. 11 Claims. (Cl. 234—5.5.)



10. A demand recorder comprising a marker arranged to be moved in a continuous path at a speed proportional to the demand to be recorded, a record sheet arranged for movement adjacent to and transversely to the path of movement of said marker, a platen for momentarily establishing contact between said marker and record sheet when they are adjacent, a timing motor, means for starting said timing motor when said marker passes a definite point with respect to said record sheet, means actuated by said motor after a predetermined operating period for actuating said platen whereby a measurement of the distance moved by said marker during the said interval is recorded on said record sheet,

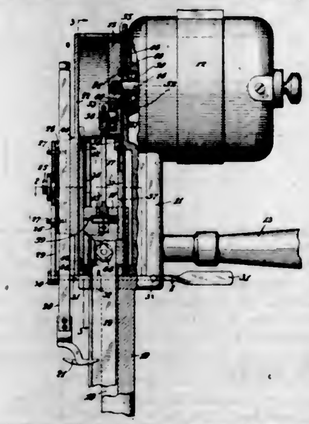
means operated by said motor for advancing said record sheet before each recording operation, means operated by said motor for stopping the latter immediately after each recording operation and means set into operation by said motor for tightening up said record sheet immediately after each recording operation.

1,568,704. DEMAND RECORDER. HENRY E. WARREN, Ashland, Mass., assignor to General Electric Company, a Corporation of New York. Filed Mar. 21, 1924. Serial No. 700,948. 11 Claims. (Cl. 234—5.5.)



9. In an integrating type meter, a recording member having a circular band driven from said meter through reduction gearing, a record sheet of less width than the diameter of said band arranged to be advanced in a radial direction adjacent to one periphery of said band, a platen for momentarily pressing said record sheet against said band, an inking device carried by said platen, and a device for intermittently actuating said platen, said inking device being so positioned that it deposits a small drop of ink on said band as it approaches the record sheet when said platen is actuated.

1,568,705. CLOTH-CUTTING MACHINE. MARTIN ZAWISTOWSKI, Brooklyn, N. Y. Filed Jan. 9, 1922. Serial No. 527,833. 11 Claims. (Cl. 164—75.)



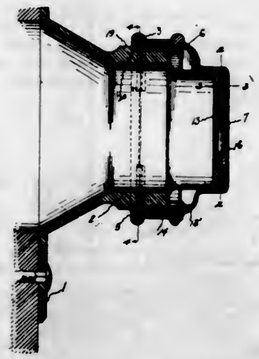
1. A cloth cutting machine having a vertically movable presser foot carrier, a guide for preventing lateral movement thereof, and a pair of vertically movable wedges in engagement with opposite sides of said carrier and movable in opposite directions for clamping the latter, and means for operating said wedges simultaneously.

1,568,706. TOE PROTECTOR. ROY H. ANDERSON, Allentown, Pa., assignor of one-half to H. Gibson Hastings, Allentown, Pa., and A. Harlan Elliott, Philadelphia, Pa. Filed June 24, 1924. Serial No. 722,050. 2 Claims. (Cl. 36—73.)



1. A toe protector for shoe soles consisting of a metallic member having a base portion adapted to underlie the sole, said base portion having a slot formed therein extending from a point near the front of the base to a point inwardly of the rear edge of the base thereby to provide a web portion between the rear edge of the base and the adjacent end of said slot adapted to be cut away to permit the sides of the protector to be moved together for purposes of adjusting the protector to sizes smaller than its original side.

1,568,707. HUB-CAP-ATTACHING MEANS. FREDERICK H. AULD, Columbus, Ohio, assignor to The D. L. Auld Company, Columbus, Ohio. Filed Sept. 8, 1924. Serial No. 736,494. 4 Claims. (Cl. 301—108.)

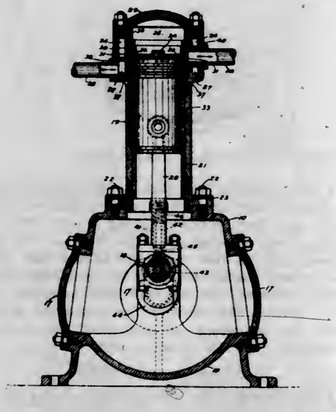


2. The combination with a hub collar, of a pair of ribs carried by the collar and having spaced ends constituting stops, a cap having flanges for co-operative engagement with the ribs, a shell mounted in the cap and provided with wings for interlocking engagement with the stops to prevent rotation of the shell during rotation of the cap, and means for exerting endwise movement of the cap and shell in opposite directions to cause the flanges to tightly engage the ribs and the shell to seat upon the rim of the hub collar.

1,568,708. ELASTIC-FLUID COMPRESSOR. CHESTER A. BAKER, Omaha, Nebr. Filed May 10, 1924. Serial No. 712,332. 7 Claims. (Cl. 230—27.)

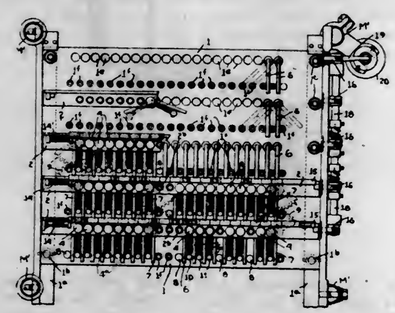
1. In an elastic-fluid compressor, a cylinder having in the walls thereof inlet ports and discharge ports spaced apart longitudinally, a reciprocating piston, a valve-sleeve fitting slidably within the cylinder and about the piston, said sleeve having a head inclosing the space above the piston and having lateral ports communicating with said piston-space and adapted to register with the cylinder-ports to connect the same with the piston-space,

means supplying elastic fluid pressure above the sleeve-head tending to move the sleeve downwardly in the cylinder, and means for limiting the downward move-



ment of the sleeve and for lifting the same against the head-pressure while the piston is substantially at the end of its suction stroke.

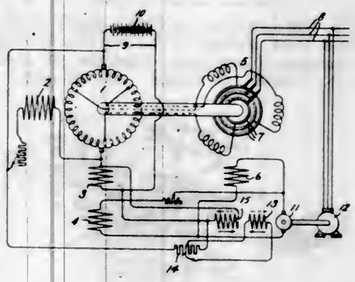
1,568,709. INTERLOCKING MECHANISM FOR VOTING MACHINES. JOHN S. BAKER, Los Angeles, Calif. Filed July 21, 1924. Serial No. 727,376. 43 Claims. (Cl. 235—54.)



1. In an interlocking system for vote registering machines, a series of cam members and a series of intermediate members, the cam members acting at angles to the intermediate members, and the intermediate members being freely mounted at their ends and the cam members being freely mounted at their sides so that all of said members may swivel in their bearings during interlocking operation.

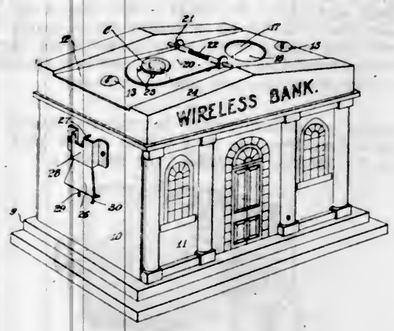
1,568,710. VOLTAGE-REGULATING SYSTEM. THEOPHILUS F. BARTON, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Mar. 30, 1923. Serial No. 628,885. 7 Claims. (Cl. 171—123.)

1. In combination, an alternating current supply circuit, a direct current distribution circuit, a synchronous converter connected between said circuits, a booster electrically connected in series between said supply circuit and said converter, and means whereby such booster operates differentially with respect to the output of said converter comprising means for controlling the excitation



of said booster in accordance with the magnitude and direction of the power flowing between said converter and one of said circuits.

1,568,711. MECHANISM FOR DEPOSITING COINS OR OTHER OBJECTS. CHRISTIAN BERGER, New York, N. Y., assignor to Frederick L. Sawyer, Evanstown, Ill. Filed June 9, 1922. Serial No. 567,070. 4 Claims. (Cl. 46—86.)

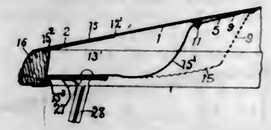


4. In combination, a receptacle for coins or other objects, a depositor for causing the deposit of the objects in the receptacle, the same arranged with an actuating spring, a restraining magnet for holding the depositor in set position in opposition to said spring, and means controllable from a distance, comprising an acoustic detector associated with an electric circuit for causing said magnet to release said restraining element and thereby actuate the depositor.

1,568,712. POCKET IN AUTOMOBILE TOPS. GEORGE E. BISHOP, Cleveland, Ohio. Filed Oct. 12, 1923. Serial No. 668,208. 8 Claims. (Cl. 296—140.)

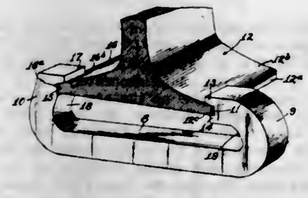
1. The combination with an automobile top deck; of a flexible member secured adjacent opposite edges under and to said deck, the points of attachment being spaced apart a distance less than the distance between said edges, so

as to provide a pocket between the deck and said member, the latter being also detachably secured intermediate



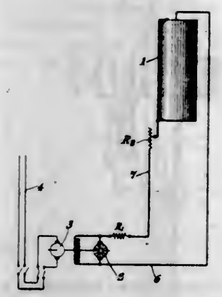
said edges to the deck, whereby the pocket can be opened and closed and a supported platform is provided to receive and hold the filler when the pocket is open.

1,568,713. RAIL ANCHOR. ROLANDIS A. BLAIR, Fort Wayne, Ind., assignor to The P & M Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 20, 1924. Serial No. 744,545. 30 Claims. (Cl. 238—330.)



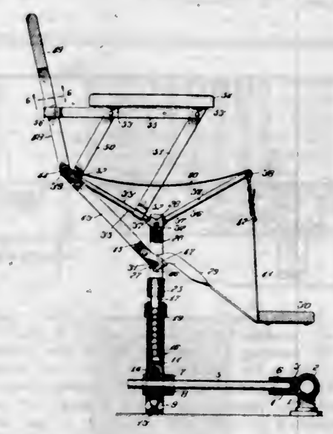
30. A rail anchor comprising means adapted to extend transversely under a rail base and having inwardly extending arms adapted to be distorted into gripping engagement with the vertical edges of said base at opposite sides of the rail, said arms being so arranged that the anchor, when in its normal applied position on a rail, is subjected to substantially its maximum distortion.

1,568,714. PREVENTION OF SCALING AND ENCRUSTATION. CHARLES E. BONINE, Melrose Park, Pa., assignor to Antiscale Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed Aug. 26, 1925. Serial No. 52,589. 7 Claims. (Cl. 204—25.)



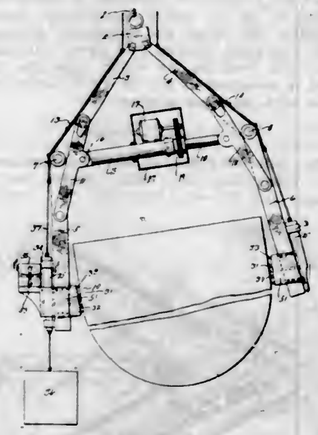
1. In apparatus for the protection of the surface of a metallic body against scaling and encrustation, a dynamo-electric machine, electrical conductors respectively extending from the terminals of said machine to spaced points of the body of which the surface is to be protected and thereby forming a closed circuit, a resistance unit of relatively large capacity connected in the circuit so formed, and an adjustable resistance also connected in the circuit so formed, whereby sufficient current may be passed through the body to protect the surface thereof, at a suitably low voltage.

1,568,715. FOLDING CHAIR. MORRIS BORISOF, Chicago, Ill. Filed Aug. 17, 1923. Serial No. 657,878. 15 Claims. (Cl. 155—10.)



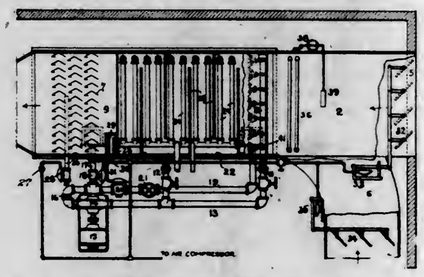
1. A folding chair comprising a sub-structure, an upright pivotally connected with the sub-structure, a collapsible seat structure pivotally secured to the upright, a back rest and arm rests, said back rest and arm rests being pivotally mounted on the seat structure.

1,568,716. GRAPPLE. GEORGE E. BOULTON, Detroit, Mich. Filed June 12, 1924. Serial No. 719,488. 4 Claims. (Cl. 294—66.)



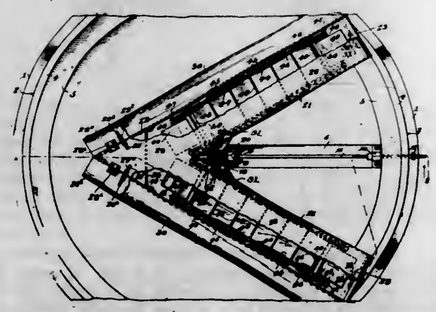
1. A grapple for salvaging wrecked vessels and other objects in deep water consisting of a pair of arms, a block to which the arms are pivoted at an angle one to the other and a second pair of arms pivotally connected with the lower end of the first pair and extending in substantially parallel relation one with the other, said second pair of arms being provided with electro-magnets, a series of pins adapted to be driven into the object to be raised, means for driving the pins operable from the surface, and means for drawing the arms together into engagement with the object while driving the pins.

1,568,717. AIR-CONDITIONING APPARATUS. WILLIAM G. R. BRAEMER, Cranston, R. I., assignor to American Moistening Company, a Corporation of Maine. Filed Sept. 10, 1923. Serial No. 661,793. 5 Claims. (Cl. 236—44.)



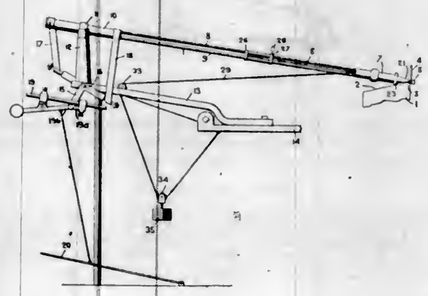
1. In an air conditioning apparatus, the combination of an air passage for supplying air to a place of use, means for causing a current of air to flow through the passage, means for spraying water into the passage for substantially saturating the air passing therethrough with moisture, eliminators in the passage for removing the suspended or entrained moisture in the air after subjection to the water sprays, means for varying the temperature of the spray water before being sprayed to compensate inversely for variations in temperature of the air being treated whereby the air temperature may be maintained substantially constant, and thermostatic means for controlling the temperature changing means for the temperature of the spray water, the same including a thermostat arranged in the air passage between the spraying means and the eliminators and subjected to water having the temperature of the sprayed moisture suspended or entrained in the air before removal by the eliminators, and wherein further, the thermostat in the air passage between the spraying means and the eliminators comprises a suspended water vessel open at its top, and a thermostatic element arranged within the vessel and constantly submerged in the water contained therein, said vessel surrounded by moist air and receiving its water from the moisture suspended or entrained in the air which passes over and in contact with its upper surface.

1,568,718. AIR MOTOR. CLARA G. BRATTLAND, Ada, Minn. Filed July 13, 1925. Serial No. 43,312. 8 Claims. (Cl. 170—6.)



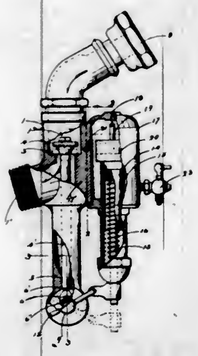
1. An air motor of the character set forth comprising, a vertical power shaft, a pair of elongated casings mounted in divergent relation upon the upper end of said shaft to swing thereabout, said casings having open tops, wind operable power elements movable longitudinally of each casing, and means for imparting power developed by said elements to said shaft.

1,568,719. FEEDING MECHANISM FOR NAIL, TACK, AND SIMILAR MACHINES. ALBERT H. BRIGHAM, Whitman, Mass. Filed Nov. 5, 1923. Serial No. 672,761. 11 Claims. (Cl. 10—171.)



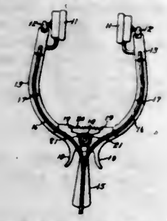
1. A plate feeding mechanism comprising a guide arm, a nose piece secured to the forward end of the guide arm and having a flat passage longitudinally therethrough to guide the plate accurately as it is fed, a carriage mounted to slide on the arm in the rear of the nose piece, the space between the nose piece and the carriage when retracted being laterally open to permit the lateral insertion of the plate, means for feeding the carriage forwardly, and means mounted on the carriage to feed the plate through the nose piece passage on the forward movement of the carriage and to push the rear end of the plate well within the passage upon the conclusion of the forward movement of the carriage.

1,568,720. AUTOMATIC FLUID CONTROL. GUADALUPE BUELNA, Santa Barbara, Calif. Filed Aug. 25, 1924. Serial No. 733,921. 3 Claims. (Cl. 137—139.)



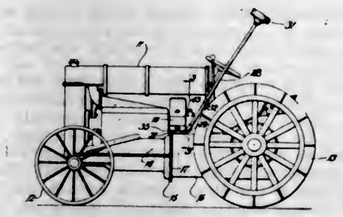
1. An automatic fluid control comprising a hollow body having a fluid inlet and an outlet, a valve to control said outlet, means holding said valve normally unseated, a chamber associated with said hollow body and provided with a duct for conveying a portion of the fluid from said hollow body to said chamber and with a vent, a piston operable in said chamber and connected with said valve holding means, a valve within said chamber to seal the vent therein thereby to cause the fluid pressure therein to operate said piston and permit the valve in said body to seat and shut off the flow of fluid, and means for regulating the flow of fluid from said body to said chamber.

1,568,721. TELEPHONE HEAD SET. JOHN HENRY BUTCHER, Rugby, and ARTHUR PRIMROSE YOUNG, Kenilworth, England, assignors to General Electric Company, a Corporation of New York. Filed Dec. 11, 1923. Serial No. 679,973. 2 Claims. (Cl. 179—156.)



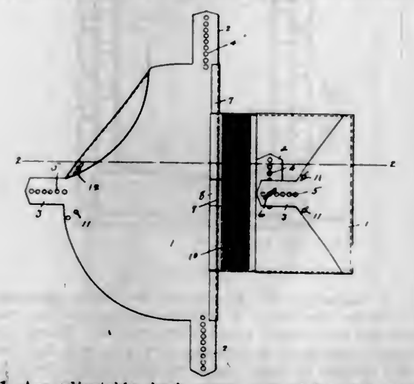
1. In a telephone head set, a handle, a pair of levers pivotally mounted on said handle and normally biased toward each other, a pair of ear pieces mounted on said levers, and means secured to said levers whereby said ear pieces may be moved away from each other.

1,568,722. CLEAN-AIR LEAD FOR TRACTOR FUEL SYSTEMS. ROBERT P. CAMPBELL, Attica, Kans. Filed Feb. 16, 1925. Serial No. 9,699. 9 Claims. (Cl. 180—64.)



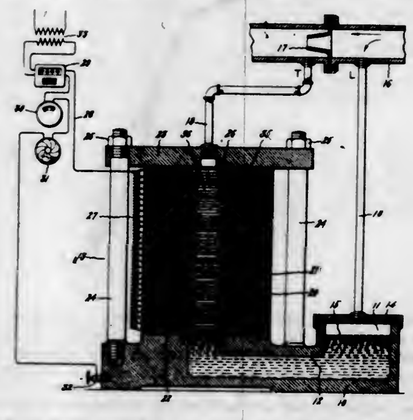
1. A device for supplying clean air to the air washer of a tractor comprising a sealing part arrangeable between and conforming to the shape of the bottom of the air washer and the tractor frame parts therebeneath and adapted to seal the air inlet in the bottom of said washer from the surrounding atmosphere, and an air supply pipe leading upwardly from said sealing part and adapted to supply air to said inlet from a height above the dust zone about the tractor.

1,568,723. ADJUSTABLE BOOK COVER. ADA COLEMAN and ISADORE A. COLEMAN, Baltimore, Md. Filed May 20, 1925. Serial No. 31,492. 3 Claims. (Cl. 281—34.)



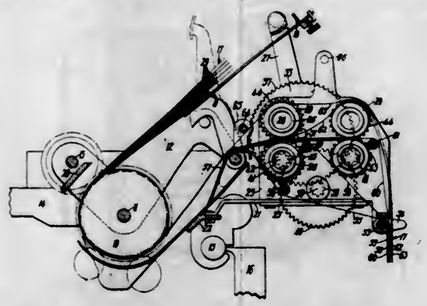
1. An adjustable book cover comprising two sides formed of flexible material and each having its inner edge folded over and a tab at each end of said folded edge and a tab on the edge opposite the folded edge and each of said tabs being provided with a row of apertures adapted to be brought into vertical alignment when the said tabs are folded over each other, and a flexible piece secured to both of said folded edges and having its ends free to be folded back to accommodate books of various lengths.

1,568,724. PRESSURE-RESPONSIVE INSTRUMENT FOR FLOW METERS AND THE LIKE. FRANK P. COX, Lynn, Mass., assignor to General Electric Company, a Corporation of New York. Filed Mar. 3, 1923. Serial No. 622,688. 3 Claims. (Cl. 200—152.)



1. A device of the character described, comprising a wall which defines a chamber, and a conducting liquid in the chamber, at least a portion of said wall comprising a plurality of conducting and non-conducting elements stacked one on another, said elements having inner and outer edges, only a portion of the inner edges of the conducting elements being exposed to the inner surface of said wall, and such exposed portions being staggered relatively to each other.

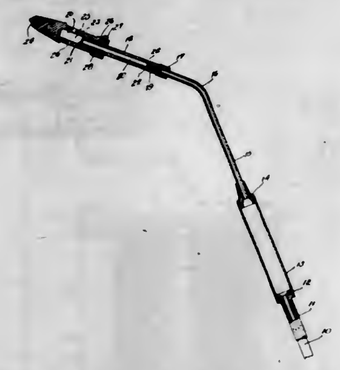
1,568,725. TYPEWRITING MACHINE. CLARENCE M. CREWS, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Jan. 19, 1924. Serial No. 687,318. 6 Claims. (Cl. 197—126.)



1. In a continuous billing typewriting machine, the combination with a revoluble platen, of a platen-displacing swing-frame movable to lift the platen to permit the work-webs and carbons to be straightened beneath it, a plurality of carbon-rolls adjacent the platen, arranged to yield up carbon to the platen as typing proceeds, and a crank-driven train of multiplying gearing for rotating

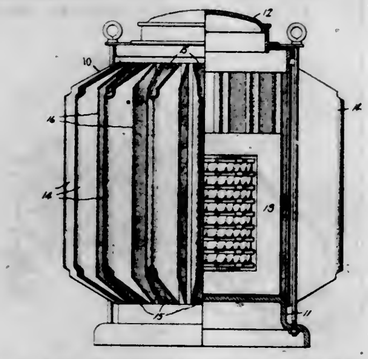
all of the carbon-rolls in unison when the platen is displaced to rewind the carbons and thereby withdraw the carbons relatively to the stationary work-webs.

1,568,726. TORCH. EARL M. EVLETH, St. Paul, Minn., assignor to St. Paul Welding & Manufacturing Company, St. Paul, Minn., a Corporation of Minnesota. Filed Aug. 24, 1922. Serial No. 584.005. 1 Claim. (Cl. 158—26.)



A convertible torch and soldering iron, comprising a tip provided at its rear end with an internal and forwardly directed nozzle, there being air inlet openings in the tip adjacent the discharge of the nozzle, a soldering tool having a longitudinal bore terminating short of the front end of the tool and intersecting the rear end thereof, the rear end of the bore being counterbored, the discharge of the tip being tapered and extending through the counterbore and into snug engagement with the bore of the tool, and a set-screw detachably securing the tool to the tip, the tool having outlet openings located between the discharge end of the tip and the closed end of the bore in the tool.

1,568,727. CORRUGATED SHEET-METAL CASING. JOHN J. FRANK, Pittsfield, Mass., assignor to General Electric Company, a Corporation of New York. Filed Feb. 2, 1925. Serial No. 6,180. 5 Claims. (Cl. 257—191.)



1. A casing for electrical apparatus, the wall of said casing being formed of corrugations, and heat conducting fins disposed in the spaces between the sides of said corrugations and between the general inner and outer contours of said corrugated wall, said fins each having an edge connected to said casing wall by a joint having good heat conductivity.

1,568,728. PROCESS FOR PROTECTION OF METALLIC SURFACES. GEORGE C. FREEMAN, Philadelphia, Pa., assignor to Antiscale Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed Apr. 13, 1925. Serial No. 22,879. 5 Claims. (Cl. 204—25.)

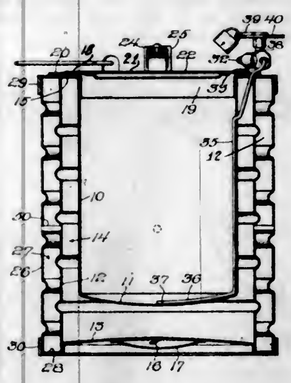
1. The process of protecting a fluid-contacting surface of a metallic body against encrustation of scaling which comprises so connecting the terminals of a source of electric current to spaced points of said body that current is caused by said source of current to flow in said body in the said direction as the inherent current in said body.

1,568,729. POST-CARD CABINET. KATHRYNE GEARON, Camden, N. J. Filed Feb. 5, 1925. Serial No. 6,942. 1 Claim. (Cl. 211—7.)



In a post-card cabinet, a stand having vertical end walls and a series of superimposed horizontal partitions secured between said walls, tiers of vertically and horizontally aligned receptacles fixedly secured between said partitions, the said receptacles having their front end portions extending beyond the front edges of said partitions and a flanged closure for each receptacle comprising a door, hinged at its upper edge to the upper outer edge of said receptacle so that in open position each door lies in the same plane with the top of a receptacle and adapted to drop by gravity into closed position and side and bottom flanges on said door for completely closing the front of said receptacle.

1,568,730. MINNOW BUCKET. C. ROY GLEASON, Chicago, Ill. Filed Feb. 1, 1924. Serial No. 689,880. 5 Claims. (Cl. 43—57.)



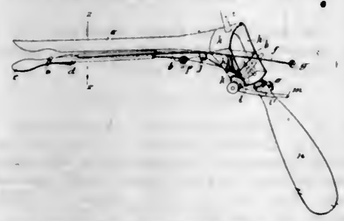
1. A receptacle for the purpose set forth comprising a container for water, a tank for compressed air, both connected for support as a unitary device, a filling valve having a casing which communicates with said tank, said casing having an inlet and a separate minute bore conduit leading from said casing to said container, and a controlling valve in said casing between its connection to said tank and said conduit.

1,568,731. SHAFT BEARING. MARVIN C. GRIFFIN, Lynn, Mass., and DWIGHT L. BERKEY, Philadelphia, Pa., assignors to General Electric Company, a Corporation of New York. Filed Feb. 19, 1924. Serial No. 693,893. 3 Claims. (Cl. 308—240.)



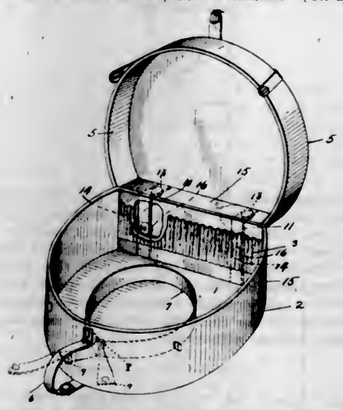
1. A shaft bearing provided with an annular groove in its inner face at one or each of its ends, a dam in each groove, and one or more discharge passages communicating with each groove.

1,568,732. AUTOMATICALLY-SUPPORTED DEVICE FOR THE DIRECT EXAMINATION OF THE LARYNX. FRANZ HASLINGER, Vienna, Austria. Filed Aug. 28, 1923. Serial No. 659,762. 7 Claims. (Cl. 128—17.)



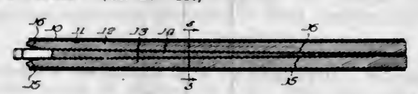
1. An instrument for direct examination of the larynx comprising two pivotally connected members adapted to be inserted into a patient's mouth, one thereof being adapted to overlie the tongue, the other thereof being extensible to the posterior wall of the pharynx, whereby separation of the members will make the larynx visible through the mouth, and an adjustable support carried at the end of said extensible member and adapted to rest against said posterior wall.

1,568,733. HAT BOX. LEOPOLD HAUSER, New York, N. Y., assignor to Hauser & Weil, Copartners Leopold Hauser and Simon Weil, New York, N. Y. Filed Aug. 11, 1924. Serial No. 731,266. 4 Claims. (Cl. 206—8.)



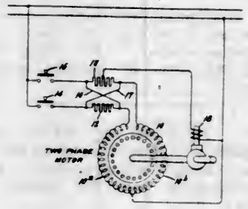
1. In combination, a hat box, a strap, both ends of which are secured to the interior of the box to form a loop, and a link on said strap for varying the size of the loop to accommodate hats of various sizes.

1,568,734. METHOD OF MAKING SAUSAGE CASINGS. ADOLPH C. HELLEMAN, Chicago, Ill., assignor to Wolf, Sayer & Heller, Chicago, Ill., a Corporation of Delaware. Filed June 25, 1925. Serial No. 39,523. 2 Claims. (Cl. 17—45.)



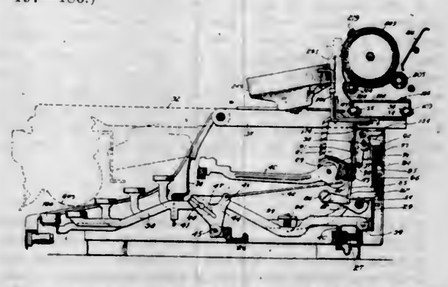
1. The method of forming large size, straight sausage casings of uniform diameter from end to end thereof, which consists in telescoping two small, tapered intestines, then inserting a mandril therein, then expanding the mandril from the small end of the intestines until the small ends are approximately the same diameter as the large ends, then drying the assembled intestines until the contacting surfaces adhere, then slitting the adhering intestines, then sewing along both edges, and then turning the so-formed tube inside out.

1,568,735. MOTOR CONTROLLER. JOHN A. HEPPERLEN, East Orange, N. J., assignor to General Electric Company, a New York Corporation. Filed Oct. 9, 1922. Serial No. 593,221. 2 Claims. (Cl. 172—279.)



1. A system of control for operating a polyphase alternating current motor in the forward and reverse direction from a single-phase source of supply, comprising phase modifying means connected to the phase windings of the motor, reversing switch mechanism, an electromagnet brake, and connections whereby the said phase modifying means is excluded from one of the motor phase windings by the said switch mechanism depending on the desired direction of rotation of the motor, substantially equal potential is applied to the said electromagnet brake for each direction of motor operation and the brake magnet serves as a phase displacement device for the motor phase windings.

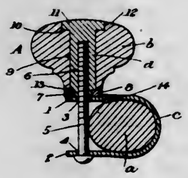
1,568,736. TYPEWRITER. OTTO A. HOKANSON, Woodstock, Ill., assignor to Woodstock Typewriter Company, Woodstock, Ill., a Corporation of Illinois. Filed June 6, 1924. Serial No. 718,264. 31 Claims. (Cl. 197—186.)



1. In a typewriting machine, a main frame, a platen carriage frame mounted on said main frame and movable into and out of operative position, a rock shaft journaled on a fixed axis in said main frame, operative

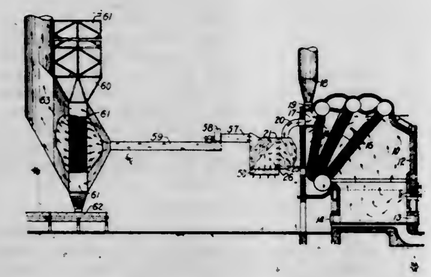
mechanism mounted on said platen carriage frame, and means fixed on said rock shaft and operated thereby for cooperating with said operative mechanism to actuate the same when said platen carriage frame is in operative position but disconnectible therefrom when said platen carriage frame is moved to inoperative position.

1,568,737. ATTACHMENT FOR STEERING WHEELS AND THE LIKE. OTTO K. ISENSEE, El Monte, Calif. Filed June 1, 1925. Serial No. 33,958. 7 Claims. (Cl. 74—33.)



1. A knob attachment for steering wheels, comprising a clamp adapted to embrace the rim of the steering wheel, and means common to the clamp and the knob for securing the same in working relation to the steering wheel.

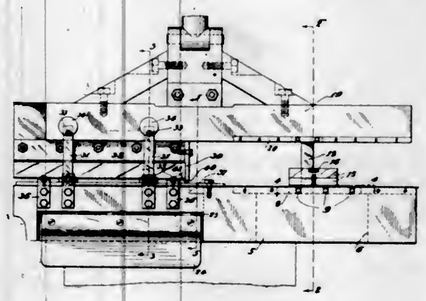
1,568,738. PROCESS OF DRYING MATERIALS. MICHAEL DOLAND JONES, Allentown, Pa., assignor to Fuller Fuel Company, a Corporation of Pennsylvania. Filed Mar. 18, 1924. Serial No. 700,174. 12 Claims. (Cl. 34—24.)



3. The process of drying combustible materials, which comprises mixing waste gases of combustion carrying moisture at high vapor tension and containing sensible heat from the combustion of fuel with other gases, and passing the mixture through the materials to be dried while so regulating the mixing operation that a portion of the sensible heat of the waste gases is used to heat the other gases and another portion of the sensible heat is used to evaporate moisture in the materials to be dried.

1,568,739. MACHINE FOR PRODUCING FRAME PARTS. DAVID KARRON, Brooklyn, N. Y. Filed July 5, 1924. Serial No. 724,522. 7 Claims. (Cl. 153—2.)

1. In a machine for making hand bag frames, guide means for a sheet metal strip including a movable clamping member, means for cutting the sheet metal strip at spaced points during periods of rest to form integrally connected ears therein, additional means for cutting the strip transversely between previously formed ears therein to sever a section of the strip having an ear at each of its ends, and means operated simultaneously with said cutting means to actuate said movable guide member and fixedly clamp the strip against movement during the cutting operations.



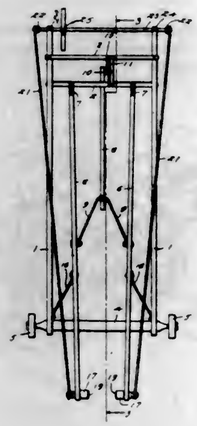
1,568,740. BURGLARPROOF AUXILIARY LOCK. EUGENE C. KINNEAR, Evanston, Ill., assignor to Anakin Lock & Alarm Co., Chicago, Ill., a Partnership composed of John H. Taft, John A. Taft, and Adrian S. Ailes. Filed Mar. 17, 1923. Serial No. 625,711. 9 Claims. (Cl. 109—3.)

1. The combination of a vault door or the like, having main locking bolt mechanism thereon, means on the door for controlling said mechanism, and an auxiliary locking device operable by disturbance of said controlling means or by burning through the door, said device comprising a separate bolt projectable into locking position, and separate means movable relatively to said separate bolt for engaging and locking said main bolt mechanism against withdrawal.

1,568,741. POST OR STAKE PULLER. WILLIAM E. JOSLIN, Sarcoxie, Mo. Filed Oct. 22, 1925. Serial No. 64,218. 3 Claims. (Cl. 254—132.)

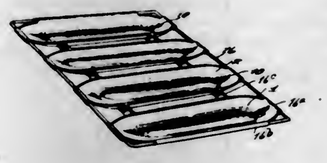
1. In a post puller, a frame, a wheeled axle supporting said frame and located adjacent to one end thereof and

serving as a fulcrum for the frame, arms pivotally mounted on said frame, jaws rotatably mounted on said arms,



means to move the free ends of said arms towards and away from one another, and means to rotate said jaws.

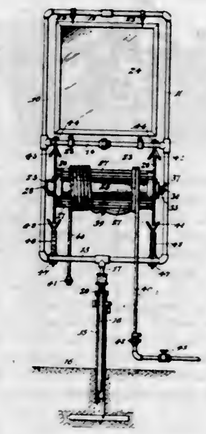
1,568,742. RYE-BREAD-BAKING UTENSIL. HENRY JUNG, Ladysmith, Wis. Filed Mar. 25, 1924. Serial No. 701,754. 2 Claims. (Cl. 53—6.)



2. As an article of manufacture, a rye bread baking pan having a substantial length and width and constructed of imperforate sheet metal and being dished, the dished portion consisting of a flat bottom, the flat bottom at its outer annular terminal portion merging into a marginal arcuate rise which gradually curves and slopes outwardly and upwardly from a point lying in a vertical plane spaced inwardly from the marginal lateral edge of the pan a distance substantially equal to its own height, whereby the heat may follow the exterior of the rise and return down over the free edge, the width of the flat bottom being substantially equal to twice the height of the rise, whereby the heat in returning over the free edge may find its way under a body of rye bread dough, causing it to draw and expand upward in a round formation.

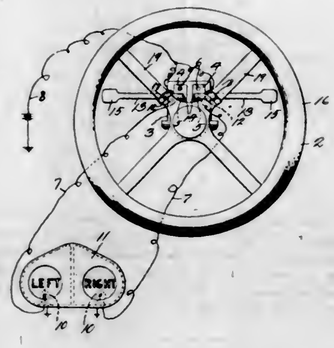
1,568,743. AUTOMATIC HOSE-WINDING REEL. THOMAS J. KITTO, Wichita Falls, Tex. Filed May 18, 1925. Serial No. 31,137. 3 Claims. (Cl. 242—86.)

1. A device of the class described comprising a supporting frame, a reel device mounted for rotation relative to said frame and including terminal disks, and



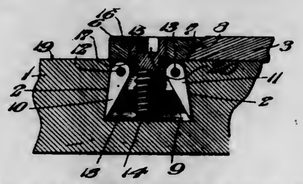
guard devices connected to said frame and including forked portions for receiving the edges of said disks.

1,568,744. AUTOMOBILE SIGNAL SWITCH. CARL H. KRONEWITTER, Mishawaka, Ind. Filed Nov. 23, 1922. Serial No. 602,853. 1 Claim. (Cl. 200—59.)



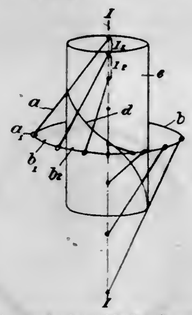
The combination with an automobile steering column, a steering wheel mounted on the column and having radially disposed spokes, a casing mounted on the steering column below and adjacent the steering wheel, a circuit maker and breaker carried by the casing and comprising double push button switches having their circuit making buttons arcuately disposed in relation to the center of the steering wheel, the circuit breaking buttons being arcuately disposed in relation to the center of the steering wheel, pivoted manually operated levers carried by the casing and extending under the wheel, said circuit making buttons being disposed adjacent the steering column, of downwardly extending brackets carried by the spokes of the wheel in the path of the circuit breaking buttons and movable angularly across the manually operated levers, thereby allowing a complete rotation of the wheel.

1,568,745. PRINTER'S CLAMP. JOHN KYLE, Philadelphia, Pa. Filed Sept. 28, 1925. Serial No. 58,997. 12 Claims. (Cl. 101—387.)



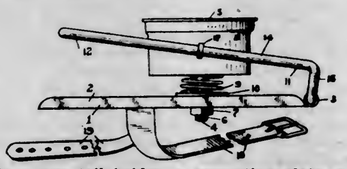
11. In a printer's clamp of the character stated, a slide block, a transverse recess in said slide block, a pair of opposed clamping leaves yieldably mounted in said recess adapted to move transversely of said slide block, a wedge block operatively interposed between said clamping leaves adapted to force the same apart when said wedge block is drawn therebetween, an operating screw threadedly engaging said wedge block, adapted thereby to raise and lower the same, and an outer, upper clamping plate carried by said slide block, at an angle of forty five degrees to the longitudinal edges thereof, said clamping plate having an inwardly bevelled clamping jaw along a longitudinal edge thereof.

1,568,746. METHOD OF PRODUCING BLADE FACES FOR WATER TURBINES, PUMPS, AND OTHER CENTRIFUGAL MACHINES. FRANZ LAWACZECK, Enzianhof, Pocking, Germany. Filed Aug. 11, 1925. Serial No. 49,640. 9 Claims. (Cl. 22—1.)



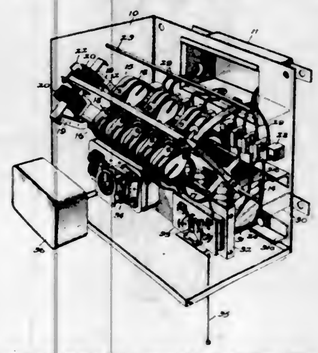
1. Method of producing blade faces for water turbines, pumps and other centrifugal machines which comprises arranging a helical like guide-element changing in its pitch on each of two co-axial cylinders, and moving a member representing the generatrix of the blade faces along said guide elements.

1,568,747. COW-TAIL HOLDER. HENRY LAWRANCE, Birtle, Manitoba, Canada. Filed Sept. 2, 1925. Serial No. 54,092. 6 Claims. (Cl. 119—105.)



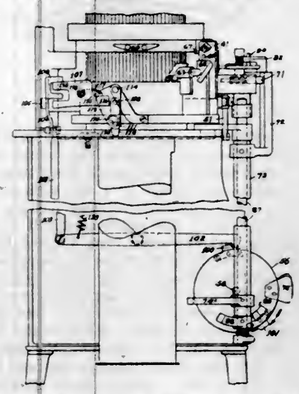
5. In a cow tail holder, a supporting plate, a shank rising therefrom, a flat rigid jaw carried by said shank, an inverted cup-shaped jaw encircling said shank for movement to and from said rigid jaw, a coil spring encircling said shank and bearing against said movable jaw, and a lever comprising a substantially U-shaped rod having its ends bent inwardly and fulcrumed in the aforesaid plate, the arms of said lever being pivoted to opposing sides of said movable jaw medially of their length.

1,568,748. SWITCH ASSEMBLY. GEORGE S. LEDDICK, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed July 13, 1925. Serial No. 43,209. 9 Claims. (Cl. 172—179.)



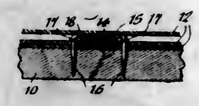
4. A switch assembly comprising a pivotally mounted support, an electromagnetic switch mounted on each side of said support, a casing for said switches having a front opening and a rear conduit outlet opening, the said support being mounted within the casing so that with the support in its normal position one of said switches faces the front opening of the casing and the second of said switches faces the rear conduit outlet opening of the casing, the second of said switches being accessible for inspection by tilting the said support toward the front opening.

1,568,749. DROP-STITCH MECHANISM FOR KNITTING MACHINES. WILLIAM L. LENGEL, Reading, Pa., assignor to The Nolde & Horst Co., Reading, Pa., a Corporation of Pennsylvania. Filed Nov. 3, 1921. Serial No. 512,482. 11 Claims. (Cl. 66—21.)



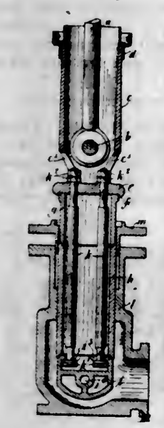
1. In a circular knitting machine, a needle cylinder provided with certain specially-butted needles, and needle operating mechanism comprising needle lowering means effective operative upon said specially-butted needles only, pattern-controlled means for preliminarily setting said lowering means, and cylinder-carried means for completing the operative movement of said lowering means.

1,568,750. ROOFING CONSTRUCTION. FELIX E. LIETZ, Buffalo, N. Y. Filed Oct. 5, 1925. Serial No. 60,401. 1 Claim. (Cl. 108—8.)



In a roof construction, a plurality of shingles laid diagonally in overlying courses, each shingle having a turned-under flap at its lower corner and a locking-extension carried by said flap, and a fastening device including a tie-bar extending across the side corners of adjacent shingles and terminating at its ends in depending prongs for securing such portions of the shingles to the roof, the prongs being provided near their upper ends with downwardly-facing shoulders, whereby a space is formed between said tie-bar and the adjacent portions of underlying shingles for receiving the locking-extension of an overlying shingle.

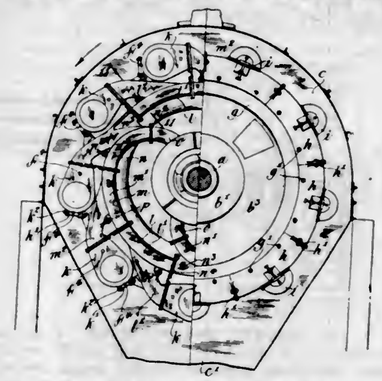
1,568,751. PUMP. POUL T. LINDHARD, Brooklyn, N. Y., assignor to F. L. Smidth & Co., New York, N. Y., a Corporation of New Jersey. Filed June 6, 1924. Serial No. 718,214. 3 Claims. (Cl. 74—108.)



1. A plunger for a plunger pump comprising a central, removable wear portion, an upper portion, a lower portion having a bridge piece with a slotted retainer, said upper portion and said lower portion being fitted to the central portion, and a bolt engaged at one end with the slotted retainer of the lower portion and in operative engagement with the upper portion at its other end to hold the three portions together.

1,568,752. BALL-GRINDING MILL. POUL T. LINDHARD, Brooklyn, N. Y., assignor to F. L. Smidth & Co., New York, N. Y., a Corporation of New Jersey. Filed Sept. 20, 1924. Serial No. 738,767. 11 Claims. (Cl. 83—9.)

1. In a grinding mill, the combination of a grinding drum, a series of tubular screens disposed about the periphery of the grinding drum and supported thereby to revolve therewith, means to deliver ground material from the drum to the screens at one end thereof, and means at the other end of the screens to return the tailings from the screens to the drum, such means including a

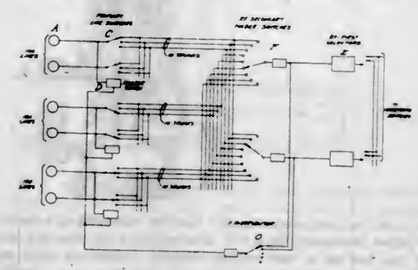


common collecting tube for a group of screens, a connection from each screen of the group to the collecting tube and a connection from the collecting tube to the interior of the drum.

1,568,753. PAINT AND VARNISH REMOVER AND PROCESS FOR MAKING THE SAME. EDWIN R. LITTMANN, Terre Haute, Ind., assignor to Commercial Solvents Corporation, Terre Haute, Ind., a Corporation of Maryland. Filed Mar. 13, 1925. Serial No. 15,362. 9 Claims. (Cl. 87—5.)

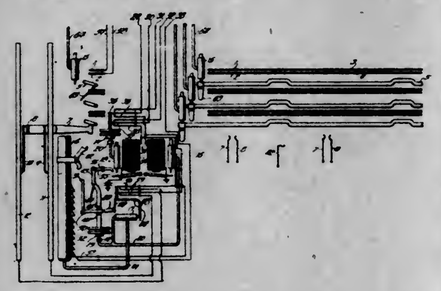
5. A paint and varnish remover comprising a saturated aqueous solution of sodium nitrophthalate, acetone, ethyl alcohol, benzol, and toluol.

1,568,754. AUTOMATIC TELEPHONE SYSTEM. CLARENCE E. LOMAX, Chicago, Ill., assignor to Automatic Electric Company, Chicago, Ill., a Corporation of Illinois. Filed June 25, 1923. Serial No. 647,425. 14 Claims. (Cl. 179—18.)



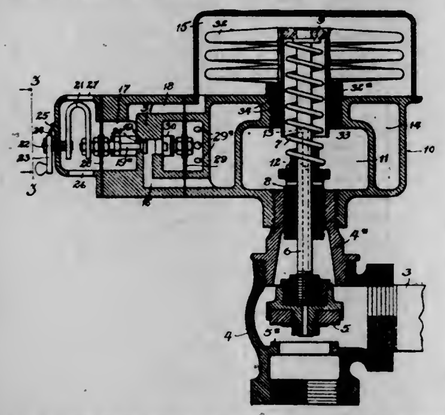
1. In a telephone trunking system, a plurality of groups of individual line switches, groups of trunk lines accessible to said groups of line switches, there being one group of trunk lines for each group of line switches, a group of first selecting switches comprising a greater number of switches than there are trunk lines in any of said groups, the number of switches being, however, less than the total number of such trunk lines, finder switches inserted in the system between the said trunk lines and first selectors, each finder being directly connected to a particular first selector and having access to all of said trunk lines, means for operating a line switch and a finder switch to connect a calling subscriber's line with an idle first selector, and means in such selector controlled over the calling line for maintaining the operated line and finder switches in operated position.

1,568,755. AUTOMATIC TELEPHONE SYSTEM. FRANK A. LUNDQUIST and JOHN A. KROPF, Chicago, Ill., assignors to Henry S. Conrad, trustee, Kansas City, Mo. Filed Dec. 3, 1921. Serial No. 519,767. 30 Claims. (Cl. 179—18.)



1. In an automatic telephone system, a switch, a pneumatic motor associated with said switch, switch retaining mechanism governed by said motor, means for automatically seizing said switch and a valve operated incident to seizing said switch for causing compressed air to be supplied to said motor.

1,568,756. CONTROLLING DEVICE FOR HEATERS. JAMES MCALEAR and ERNEST W. RIESBECK, Chicago, Ill., assignors to The McAlear Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed June 18, 1917. Serial No. 175,393. 8 Claims. (Cl. 236—37.)



1. A regulating device for heaters comprising a casing, a valve for controlling the admission of the heating fluid to the heater, a controlling element connected with said valve for moving it to its closed position, a controlling chamber in said casing containing said controlling element, a power chamber containing expansible fluid, means for heating said expansible fluid by means of a portion of said heating fluid, a connection between said power chamber and said controlling chamber, a valve for controlling said connection and a thermostat for operating said valve, said thermostat responsive to variations in temperature in the apartment to be heated.

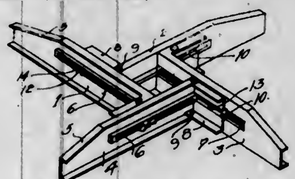
1,568,757. THERAPEUTIC LEG AND FOOT WRAP. EDITH A. MCINTYRE, New York, N. Y. Filed Oct. 26, 1922. Serial No. 597,197. 1 Claim. (Cl. 128—254.)

In a therapeutic foot and leg wrap, a flexible element formed of separate plies and comprising a sole portion and an upper extending around the sides and rear of said sole portion but open at its front, a flap attached along its center line to the rear portion of said upper and



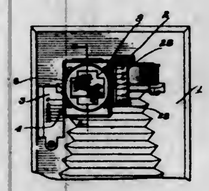
adapted to be wrapped around the leg only, and electrical heating means disposed between the plies of said flexible element.

1,568,758. TREE HOLDER. JAMES D. MALCOLM, Spokane, Wash. Filed Apr. 11, 1925. Serial No. 22,314. 2 Claims. (Cl. 248—38.)



2. A tree holder comprising four angularly disposed plates, each having a hinged arm, said plates having grooves and slots, said arms having complementary ribs and bolt holes, and a bolt for each plate having a head and clamp nut.

1,568,759. DISTANCE FINDER. JACOB G. MAGIN and ANDREW WOLLENSAK, Rochester, N. Y., assignors to Wollensak Optical Company, Rochester, N. Y., a Corporation of New York. Filed May 27, 1922. Serial No. 564,266. 5 Claims. (Cl. 88—2.3.)

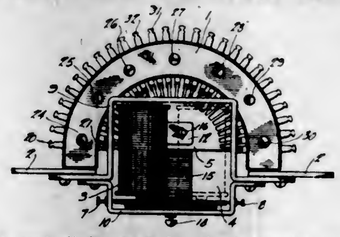


1. In combination with a view finder, sighting means through which may be located in the finder, a point in the horizontal surface on which the user of the finder is standing directly beneath the object to be viewed, and means for indicating the distance of the finder from such object controlled by the position of such finder determined by such sighting means, said means comprising an indicator, a pivotally mounted weight connected to the indicator, and means for adjusting the axis of turning of the weight to vary the reading of the indicator to correspond with the height the view finder is situated above the horizontal surface.

1,568,760. ELECTROMAGNETIC RELAY. TALBOT G. MARTIN, Chicago, Ill., assignor to Automatic Electric Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 9, 1920. Serial No. 429,547. 6 Claims. (Cl. 200—104.)

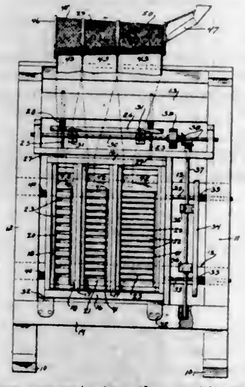
1. In an electro-magnetic relay, a plurality of fixed contacts, said contacts being insulated from each other,

a plurality of independent flexible movable contacts, said movable contacts being punched from a single sheet of material and left attached thereto, and electro-mag-



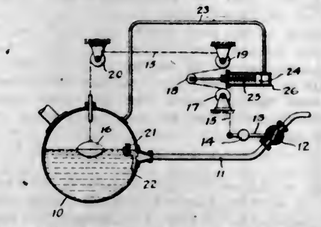
netically controlled means for simultaneously bringing all said movable contacts into electrical contact with said stationary contacts.

1,568,761. ORE CONCENTRATOR. WALTER E. MENDENHALL, Lake City, Colo., assignor to The Union Metals Extraction Company, Lake City, Colo., a Corporation of Colorado. Filed Dec. 31, 1923. Serial No. 683,806. 14 Claims. (Cl. 209—44.)



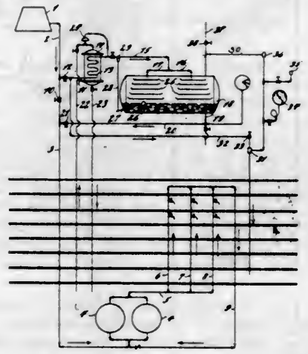
1. In an ore concentrator, the combination of a bank of riffles set at an inclination and having transverse channels, frames in which the riffles are mounted, the riffles being spaced from the frames at one side to provide a slot at the side of each riffle through which the concentrate is discharged, means for adjusting the inclination of the riffles in accordance with the material being treated so that the latter will barely flow down the inclination unaided, and means for jarring the riffles while the material flows over the same.

1,568,762. BOILER WATER-LEVEL CONTROL. FRIEDRICH MUNZINGER, Berlin, Germany. Original application filed June 19, 1923, Serial No. 646,431. Divided and this application filed Sept. 11, 1925. Serial No. 55,731. 5 Claims. (Cl. 122—451.1.)



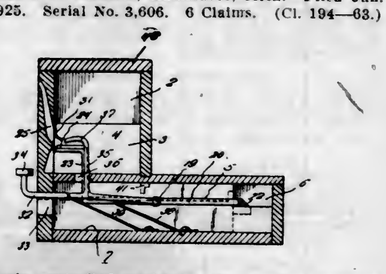
1. The method of controlling the water level in a steam boiler which consists in establishing a range of control at all times by boiler pressure, and, within that range, controlling the supply of feed water in response to changes in water level.

1,568,763. SYSTEM FOR RENDERING LIQUIDS NON-CORROSIVE. JOSEPH F. MUSSELMAN, Bronxville, N. Y., assignor, by mesne assignments, to Elliott Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Mar. 27, 1920. Serial No. 369,364. 5 Claims. (Cl. 183—2.5.)



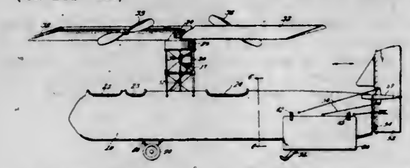
1. A system for rendering liquids non-corrosive, which comprises a de-aerating tank provided with means for agitating and separating the liquid supplied thereto into small particles, automatically regulated heating means adapted to heat the liquid to and maintain the same at a temperature a few degrees below the boiling point corresponding to the pressure in said tank, means for regulating the pressure in said tank, and means for drawing off the liquid from said tank after agitation.

1,568,764. COIN-CONTROLLED VENDING MACHINE. EFTHIMIOS P. NIZAMIS, Kalamazoo, Mich. Filed Jan. 20, 1925. Serial No. 3,606. 6 Claims. (Cl. 194—63.)



1. A coin controlled mechanism for vending machines comprising a cabinet, an ejector adapted for slidable movement therein, a lever pivotally supported intermediate its ends in said cabinet, a latch associated with the rear end thereof, a keeper on the rear end of the ejector cooperating with the latch for normally holding the ejector in a locked position within the cabinet, the forward end of said lever being disposed upwardly and then forwardly, the forward end of the forwardly disposed portion terminating at a point adjacent the front wall of the cabinet and below the lower end of a coin chute formed in the front wall, a ledge formed on the forwardly extending portion of the lever, a coacting ledge supported on the rear face of the front wall of the cabinet whereby a coin will be disposed on said coacting ledges after the same has descended by gravity through the coin chute, means adapted for engagement with the coin whereby said lever is adapted to swing on its pivot to disengage the latch from the keeper, an additional means for sliding the ejector outwardly when said latch is released.

1,568,765. HELICOPTER. LEO ORTEGO, Alexandria, La. Filed Feb. 16, 1925. Serial No. 9,524. 12 Claims. (Cl. 244—19.)



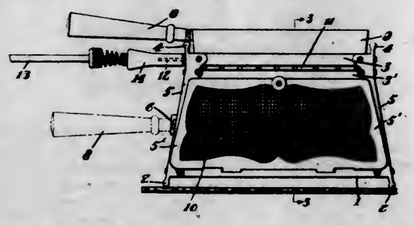
1. A flying machine of the class described comprising a fuselage having a pilot's seat in the rear thereof, a supporting frame extending upwardly from the fuselage, removable wings journalled to the support, propellers carried by said wings, means for driving said propellers, a vertical rudder at the forward end of the fuselage for controlling the lateral stability of the machine, a member longitudinally movable in said fuselage for varying the pitch of the machine, and vertical side rudders adjacent the forward end of the fuselage for maintaining the latter stationary relative to the wings when the machine is in flight.

1,568,766. COMBINATION AUTO TABLE AND TRUNK. AUGUSTUS J. PEPIN, Grand Forks, N. Dak. Filed Apr. 21, 1925. Serial No. 24,844. 5 Claims. (Cl. 190—12.)



2. An apparatus of the class described having panels, means detachably connecting said panels, and pivotally connecting them to permit use thereof in a plurality of articles, one of said articles being a table, brackets on said panels having keeper portions adapted for abutment in the table form, and latches on the brackets coacting with the keepers.

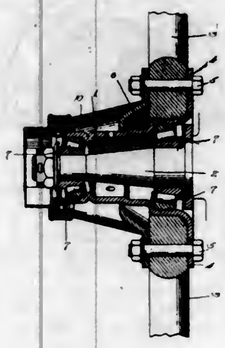
1,568,767. ELECTRICAL APPLIANCE. WALTER PROULX, Norridgewock, Me. Filed May 7, 1924. Serial No. 711,599. 8 Claims. (Cl. 53—4.)



7. A device of the class described, comprising a wire mesh receptacle, a frame therefor, and an uncovered resistance heating unit mounted in said frame and parallel to one face of the receptacle and freely spaced therefrom in heat diffusing relation thereto.

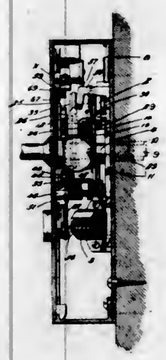
1,568,768. HUB AND CLOSURE STRUCTURE. JAMES S. REID, Cleveland, Ohio, assignor to The Easy-On Cap Company, Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 23, 1921. Serial No. 524,395. 5 Claims. (Cl. 301—105.)

1. In combination with the hub of a wheel, a shell member or container provided with spaced recesses and cam portions, and a cap member having a base and skirt, said skirt having secured thereto and spaced from said base a locking means comprising a securing portion and finger portions, said finger portions being bent



radially inwardly and outwardly and having foot portions adapted to enter said shell recesses and engage said cam portions upon relative rotative movement of said members.

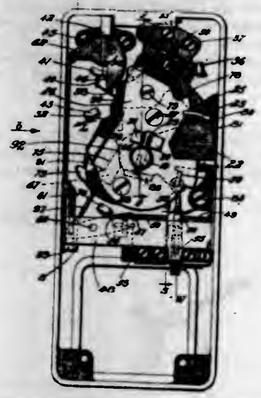
1,568,769. COIN-CONTROLLED LOCKING MECHANISM. FRANK J. ROWSE, Pawtucket, R. I. Filed May 20, 1921. Serial No. 471,172. 26 Claims. (Cl. 194—83.)



1. In a coin lock, the combination with a coin carrier and an oscillatory shaft therefor, of a plate fixed with relation to the coin carrier and shaft and located between the sides of the carrier, a cam plate free upon the shaft, and means for locking the cam plate to the fixed plate by a placed coin, the coin being interposed between said locking means and the coin carrier and acting directly to propel the cam plate when the coin carrier is moved.

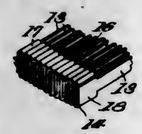
1,568,770. COIN-CONTROL SERVICE APPARATUS. FRANK J. ROWSE, Pawtucket, R. I. Filed June 15, 1923. Serial No. 645,655. 14 Claims. (Cl. 194—83.)

12. In a coin controlled apparatus, the combination with the side plates of the coin carrier, one of said plates being formed with obstructions to prevent the passage of a coin, of a lever carried by the opposite side plate with an arm to encounter and hold the coin



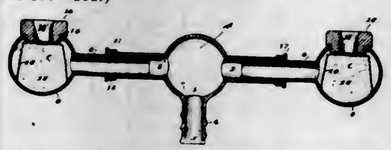
to the aforesaid obstructions, means to station the lever for encounter by the coin and means to withdraw the lever and permit discharge of said coin.

1,568,771. GRID FOR GAS BURNERS. JOSEPH ROY, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo., a Corporation of New Jersey. Filed June 30, 1925. Serial No. 40,523. 10 Claims. (Cl. 158—116.)



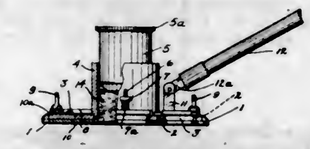
10. An improved grid for gas burners comprising a plurality of vertical parallel bars connected by integral strips passing between the said bars, the upper ends of the strips bent closely to and integrally formed with the upper parts of the bars and the lower ends of the strips extending considerably below the said bars and doubled upward with their ends connected with the lower parts of adjacent bars for the purpose described.

1,568,772. ADJUSTABLE HOT AND COLD WATER MIXER, WITH FILTER AND DELIVERY NOZZLE, FOR SINKS, ETC. HYMAN RUBIN, New York, N. Y. Filed Apr. 19, 1921. Serial No. 462,518. 2 Claims. (Cl. 137—111.)



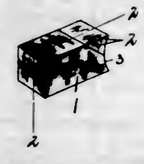
1. A device of the class described, comprising a central T shaped three-way pipe member, having a delivery nozzle, provided with screw threads at the ends of the horizontal head portion; a water inlet member carried at each end of the horizontal head portion and adjustable longitudinally; a screw-gland member for securing the same in any desired position to such head portion with a water tight joint, and means at the outer ends of the inlet members for securing one to a hot-water and the other to a cold-water supply faucet with a water-tight joint; each inlet member having an enlarged body portion forming a filter-bulb and a filter member located in each filter-bulb comprising an inverted perforated thimble, having a suitable filling of granular replaceable filtering material.

1,568,773. FLOOR WAXER AND POLISHER. FREDERICK J. SCHECH, Minneapolis, Minn. Filed Apr. 19, 1924. Serial No. 707,655. 6 Claims. (Cl. 91—43.)



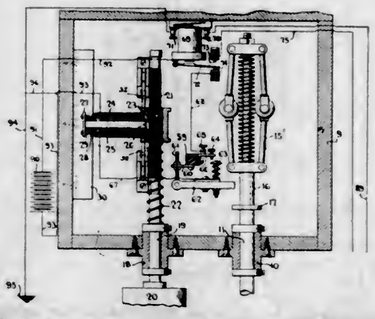
1. A floor waxing and polishing device comprising a sheet of comparatively soft material, a container carried above said sheet and having an open lower end extending therethrough, a wax receiving and applying means disposed beneath said container and sheet, means for pressing semi-solid material downward through said container, into contact with said means, and means for holding said wax receiving and applying means in position.

1,568,774. BRUSH. THEODORE J. SCOFIELD, Jackson, Mich., assignor to The Sparks-Withington Company, Jackson, Mich., a Corporation of Ohio. Filed May 17, 1923. Serial No. 639,638. 3 Claims. (Cl. 171—325.)



1. A commutator brush consisting of wire gauze material and having a concave contact surface at its front end, a portion of said brush being impregnated with a lubricating metallic alloy, such impregnated portion constituting the complete width of the contact surface of the brush when in use, approximately one-half of the area of said contact surface and a portion only of the length of the brush.

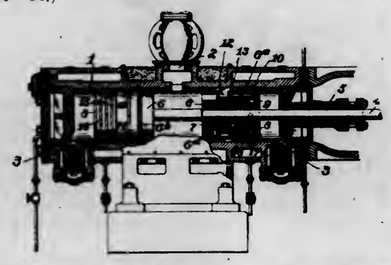
1,568,775. AUTOMATIC MOVING-VEHICLE CONTROL. PAUL JOHN SIMMEN, Buffalo, N. Y. Original application filed Apr. 14, 1908, Serial No. 427,080, now Patent No. 1,150,308, dated Aug. 17, 1915. Divided and this application filed May 5, 1915. Serial No. 26,084. 35 Claims. (Cl. 246—180.)



10. In apparatus of the character described, the combination with a vehicle and traffic controlling means, of a normally inactive controller for the traffic controlling

means, an actuating device for the controller, means for operating the actuating device at a predetermined speed independently of the movement of the vehicle, and mechanism for causing a mechanical engagement between the controller and the actuating device to effect the operation of the former by the latter.

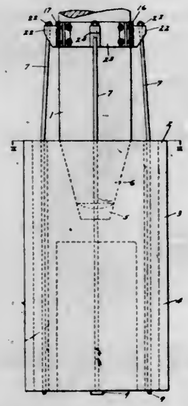
1,568,776. COMPRESSOR. DAVID FRANKLIN SMITH, Washington, D. C. Filed Sept. 28, 1918, Serial No. 256,117. Renewed June 18, 1925. 19 Claims. (Cl. 230—34.)



1. In combination with a cylinder, a piston having a central body portion with an outer shell spaced apart from the body portion and connected therewith, a valve having a cylindric body portion sliding on the body portion of the piston and arranged in the annular recess between the body portion and shell, said valve having an annular head to seat itself against annular seats on the shell and body portion of the piston, substantially as described.

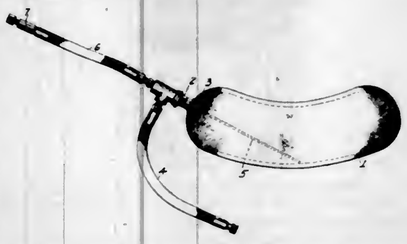
10. In combination a cylinder, a piston having passage ways longitudinally through it with a seat at one end, an annular valve having a portion adapted to seat to close or open the passageway, retarding means for the valve arranged exterior to the piston and between it and the cylinder and bearing on the latter, said piston having an opening and the said exterior retarding means being connected with the valve through the said opening, substantially as described.

1,568,777. DEVICE FOR SETTING AND REPLACING POLES. JEFFERSON G. SMITH, McDonough, Ga. Filed Feb. 26, 1923. Serial No. 621,415. 4 Claims. (Cl. 72—84.)



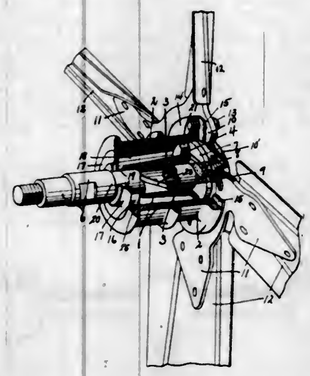
1. In a device of the class described, a base adapted to be sunk into the ground and having integrally formed therein a socket adapted to receive the butt of a pole, a collar adapted to be secured to the pole above the base, and brace rods separably secured to the base and connected to the collar to unite the pole and base, said base being provided with a plurality of channels extending downwardly therein around said socket, the channels being elongated in cross section, elongated enlargements on said rods adapted to fit into said channels in one position and adapted to interlock with the base outside the channels when the rods are turned in said channels.

1,568,778. VULCANIZING APPARATUS. RALPH W. SOHL, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Dec. 7, 1923. Serial No. 679,124. 5 Claims. (Cl. 18—45.)



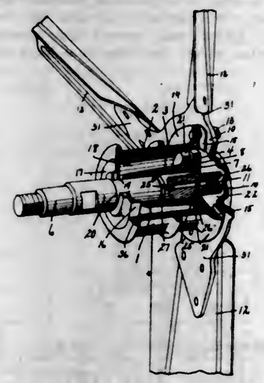
5. A pneumatic core for vulcanizing purposes comprising an inflatable bag member and unitary means inserted at one end of said member comprising a fluid inlet tube and a relatively smaller tube disposed within said inlet tube but not in communication therewith extending into the central portion of said bag and adapted to permit the escape of the fluid therefrom.

1,568,779. FAN. WILLIAM SPARKS, Jackson, Mich., assignor to The Sparks-Withington Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 4, 1921. Serial No. 505,339. 12 Claims. (Cl. 308—109.)



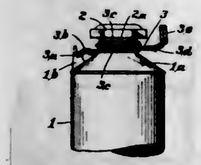
1. A fan structure comprising a shaft, an elongated bearing mounted thereon, a casing enclosing the bearing and extending beyond the bearing at its front end, a cross wall connecting the bearing to the casing at the forward end of the bearing thereby forming an annular oil chamber between the bearing and the casing, said cross-wall provided with an opening for the passage of lubricant, a thrust washer mounted on said shaft and having its thrust surface in contact with said cross wall, and a fan spider secured to the forward end of said casing and forming a second lubricant chamber between the fan spider and the thrust washer.

1,568,780. FAN. WILLIAM SPARKS, Jackson, Mich., assignor to The Sparks-Withington Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 4, 1921. Serial No. 505,340. 7 Claims. (Cl. 308—109.)



1. A fan structure comprising a shaft, an elongated bearing mounted thereon, a casing enclosing the bearing and extending beyond the bearing at its front end, a cross wall connecting the bearing to the casing at the forward end of the bearing thereby forming an annular oil chamber between the bearing and the casing, said cross-wall provided with an opening for the passage of lubricant, a thrust washer mounted on said shaft and having its thrust surface in contact with said cross wall, a fan spider secured to the forward end of said casing and forming a second lubricant chamber between the fan spider and the thrust washer, said thrust washer having a recess in its periphery and a groove in its thrust surface leading to the shaft, said shaft having a longitudinally extending conduit and radially extending conduits extending from the longitudinal conduit to the periphery of the shaft.

1,568,781. CLOSURE FOR PASTE TUBES AND THE LIKE. CHESTER A. SPOTZ, Greenwich, Conn. Filed Apr. 18, 1925. Serial No. 24,208. 6 Claims. (Cl. 221—60.)



1. In a device of the class described, the combination with a tube having a threaded nozzle and a screw cap therefor provided with a peripheral flange, of hinge means for pivotally and rotatably connecting the cap to the container, comprising members lying on opposite sides of the cap and having slots which receive the flange of the cap.

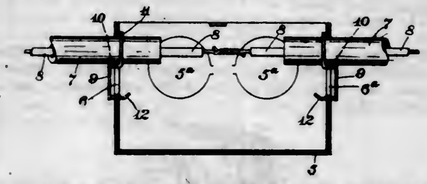
1,568,782. KNUCKLE BEARING. PATRICK F. SWAYNE, Jacksonville, Oreg. Filed Nov. 2, 1923. Serial No. 672,449. 2 Claims. (Cl. 280—96.1.)

1. A steering axle knuckle comprising, in combination with the axle fork, a body element carrying the stub shaft for the steering wheel, a pivot bolt spanning the arms of the fork and passing longitudinally through the body member, anti-friction elements interposed between the bolt and the body member and between the upper and lower ends of the latter and the arms of the fork, thrust plates disposed respectively above and below the body member, and caps enclosing the thrust plates, the anti-friction elements at the top and bottom of the body element being interposed between said caps and



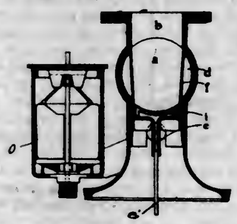
said thrust plates, the upper cap having an interlocking engagement with the adjacent fork arm and the lower cap an interlocking engagement with the lower end of the body member.

1,568,783. LOOM LOCK. RALPH D. THOMPSON, Toledo, Ohio, assignor of one-half to Perry B. Clark, Columbus, Ohio. Filed Aug. 27, 1923. Serial No. 659,575. 2 Claims. (Cl. 247—25.)



1. A loom lock consisting of a body portion to lie at one side of a perforated wall and substantially parallel thereto, a spur on the body portion to engage the loom, a pair of fingers flanking the spur and projecting from said body portion and straddling the loom to engage the opposite side of the wall and a snap tongue projecting from the edge of the body portion opposite said fingers to engage the edge of the wall at the perforation.

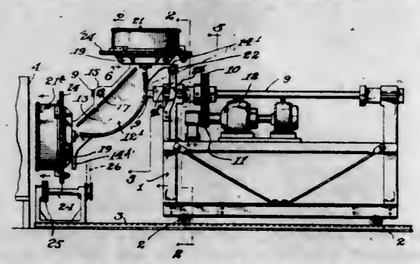
1,568,784. CARBURETOR FOR INTERNAL-COMBUSTION ENGINES. HENRY WESLAKE, Exeter, England, assignor of one-half to Henry John Weslake, Exeter, England. Filed Nov. 5, 1919. Serial No. 335,849. 1 Claim. (Cl. 261—41.)



In a carburetor for internal combustion engines, the combination with a mixing tube of a throttle valve in the form of a drum having a mixture passageway therethrough, said throttle valve having a cylindrical periphery, a nozzle through which the volatile liquid issues, the said nozzle having a cap, the orifice of which nozzle has the form of a continuous slot and extends diametrically across the mixing tube from side to side with its plane at right angles to the axis of the said throttle

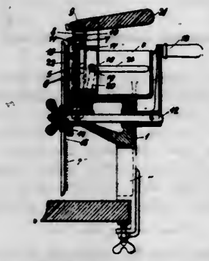
valve, the said nozzle having a concave face formed to a radius substantially the same as that of the periphery of the throttle valve, and adjacent thereto substantially as described.

1,568,785. POT AND KILN CONSTRUCTION. WILLIAM WESTBURY, Canastota, N. Y. Filed Sept. 23, 1924. Serial No. 739,367. 15 Claims. (Cl. 49—53.)



1. In glass drawing apparatus, a pair of drawing pots, a rotary shaft, a connecting member between the pots, a pivotal connection between the shaft and connecting member adapting, said member to rotate with the shaft and to swing thereon in its rotating motion, and a plurality of grouped rollers loose on the shaft and at different distances from the pivotal connection with which the connecting member contacts on its swinging motion.

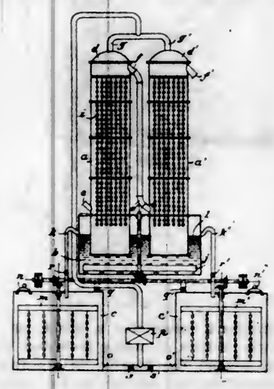
1,568,786. MACHINE FOR CUTTING FRUIT INTO CUBES. ROBERT WICKOP, Leuthen, Germany. Filed Jan. 22, 1925. Serial No. 3,909. 2 Claims. (Cl. 146—115.)



1. A machine for cutting fruit in cubes, comprising in combination a cast iron frame, feet of said frame designed to be fixed by screws on a table, a charging cylinder having an annular groove, a toothed crown loosely mounted in said annular groove so that its teeth project from the groove, a knife cross in said toothed crown, a driving shaft mounted in said cast iron frame and driving said knife cross frame, a cutting disk on the driving shaft, two rows of furrow knives on said cutting disk standing perpendicular to the surface of the disk and displaced of 180° the one to the other, these knives being of such a height that they move closely along the plane of said toothed crown, a cutting knife radially mounted in said cutting disk at an angle to the plane of said cutting disk, and a pressing plug in said charging cylinder designed to press the fruit against said cutting disk.

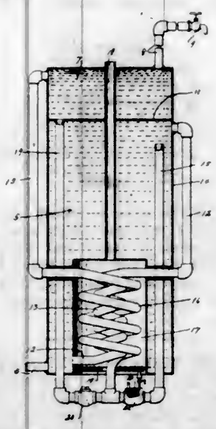
1,568,787. APPARATUS FOR PRODUCTION OF HYPOCHLORITES AND CHLORATES. MEYER WILDERMAN, London, England. Filed Apr. 13, 1921. Serial No. 461,167. 9 Claims. (Cl. 23—283.)

1. In the manufacture of chemicals by the interaction between a solution containing a solid in suspension and a gas, an apparatus adapted for the circulation therethrough of the solution containing the solid in suspension, said apparatus comprising a vessel for circulated solution, an open bottomed absorption tower dipping into said vessel and adapted to form a gas enclosing chamber with the fluid in the vessel, a mixer communicating with the tower, means for admitting gas into the tower, said tower being provided with means for spreading the circulated solution within the same to a large surface of



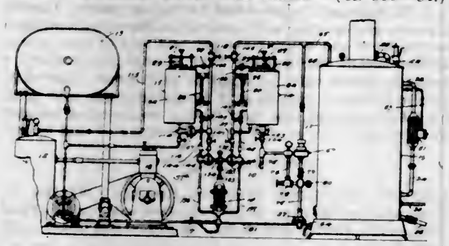
contact between the solution and the gas, these being so arranged that the solid in suspension in the solution coming down the tower does not or cannot settle within the tower, and the vessel below the tower and the mixer being provided with stirring means preventing the solid in suspension in the solution from settling in any part of the same, which would interfere with the uninterrupted work of the process.

1,568,788. WATER-HEATING SYSTEM. ELMER R. WILLIAMS, Springfield, Mo., assignor of one-eighth to George A. Messick, one-eighth to Clyde Gault, and one-eighth to Thomas H. Browns, all of Springfield, Mo. Filed Dec. 24, 1923. Serial No. 682,515. 5 Claims. (Cl. 122—16.)



1. In a water heating apparatus, a lower reservoir, an upper reservoir located thereabove, an inlet pipe leading into the bottom of the lower reservoir, a chamber within the lower portion of the lower reservoir having an outlet flue extending through the upper reservoir, heating means at the bottom of the chamber, a coil located within said chamber and having one end communicating with the lower reservoir at the bottom thereof and its other end communicating with the upper portion of the lower reservoir, a pipe within the lower reservoir communicating at one end with the bottom of the upper reservoir and having its other end opening into the lower reservoir near the top thereof, and a coil connected with said second named pipe and extending about the first named coil and communicating with the top of the upper reservoir.

1,568,789. WASHING APPARATUS. ELMER R. WILLIAMS, Springfield, Mo., assignor of three-sixteenths to Albert E. Morelock, three-sixteenths to Stephen B. Campbell, both of St. Louis, Mo., and two-sixteenths to George A. Messick, Springfield, Mo. Filed June 16, 1925. Serial No. 37,491. 12 Claims. (Cl. 299—84.)



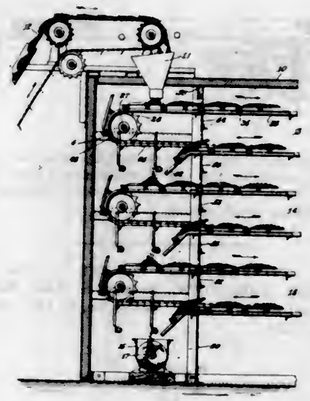
1. In apparatus for producing a mixture of oil and saponified water for treating finely painted surfaces, means for heating and saponifying water, means for emulsifying oil, each of said means including a liquid treating chamber adapted to contain the element with which the liquid is to be treated, means for delivering the liquid to the chamber, means for likewise delivering a fluid under pressure to the chamber for agitating the liquid in the presence of the substance with which it is to be treated, means for controlling the withdrawal of liquid from the chamber regulated by the pressure of said fluid and a mixing chamber receiving the treated liquids from the last named means and intimately mingling the same.

1,568,790. PAPER AND LIKE MATERIAL CONTAINER. WILBUR L. WRIGHT, Fulton, N. Y., assignor to Oswego Falls Corporation, Fulton, N. Y., a Corporation of New York. Filed Apr. 26, 1924. Serial No. 709,246. 3 Claims. (Cl. 229—5.6.)



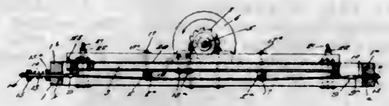
1. A thin sheet paper material barrel having a liquid tight permanent inset end closure embodying a flanged imperforate major disk and a correspondingly flanged inner disk enclosing at least the inner end of the major disk and an annular longitudinally and radially compressed locked crimp securing both disks to and in the barrel, said end closure consisting essentially of said major disk drawn from sheet material, and said inner disk drawn from thin flexible sheet paper material tightly fitting and facing the inner surface of the major disk and having its annular flange throughout its length concealed and compressed between the major disk flange and surrounding inner surface of the barrel and thereby holding the inner disk as a permanent part of the end closure and sealing the annular joint between the inner surface of the barrel and the major disk against liquid seepage along the major disk flange to the lock crimp.

1,568,791. SOAP DRIER. CHARLES W. AIKEN, Brooklyn, N. Y. Filed July 21, 1923. Serial No. 652,925. 7 Claims. (Cl. 34—12.)



2. In a soap drier, a casing having inlet means for the soap chips at the top and discharge means at the bottom, movable conveyers arranged in the casing between the inlet and the discharge means, a heater arranged along one side of the casing with baffle plates above and below the same, means for admitting air beneath the heater and deflecting it through the lower part of the conveyer and through the heater, circulating means within the casing adjacent the upper part of the conveyer and means for drawing air through the casing.

1,568,792. SCREEN. RANDALL P. AKINS, JOHN W. BUCHER, and FREDERICK D. GROSS, Denver, Colo. Filed Mar. 31, 1924. Serial No. 703,230. 2 Claims. (Cl. 209—347.)

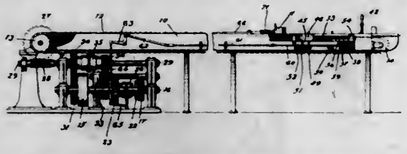


1. A vibrating screen comprising a stationary main frame, flexible members held in tension thereby, a movable frame attached to and supported by said flexible elements at points materially and equidistantly removed from the transverse center line of the movable frame, means acting against said movable frame at said center line for repeatedly rapidly depressing the movable frame against the supporting action of the flexible members, and suddenly releasing the downward pressure, and stops equidistantly spaced on each side of said center line to suddenly arrest the upward movement of the movable frame.

1,568,793. WIRE-DRAWING MACHINE. CLARENCE E. ATKINS, East Providence, R. I., assignor, by mesne assignments, to The Waterbury Farrel Foundry and Machine Co., Waterbury, Conn., a Corporation of Connecticut. Filed Nov. 18, 1924. Serial No. 750,648. 24 Claims. (Cl. 205—16.)

9. In a draw bench, longitudinally-traveling wire-engaging members, a relatively slow driving clutch, a relatively fast friction driven clutch, means for operating through said first clutch to impart a relatively slow initial draft motion to said members, automatically

abifting means subsequently operating through said second clutch to yieldingly increase said initial draft speed, means for returning said members, and tripper mecha-



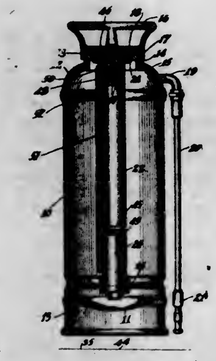
nism operated by said return stroke adjacent the end thereof for releasing the fast driving clutch and engaging the slow clutch to impart a slow initial motion to the next succeeding draft stroke.

1,568,794. CONVERTIBLE SAFETY RAZOR, HAIR TRIMMER, AND COMB. SAMUEL S. BAER, Baltimore, Md. Filed Apr. 15, 1925. Serial No. 23,438. 6 Claims. (Cl. 30—12.)



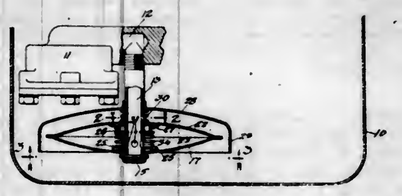
1. A safety razor including two blade clamping elements, one of the blade clamping elements including a razor edge guard, the other of said clamping elements including a comb, a razor blade, and means cooperative with the clamping elements for holding the razor blade in cooperative relation with the razor edge guard and for also holding the razor edge in cooperative relation with said comb, for the purposes specified.

1,568,795. FIRE-EXTINGUISHING APPARATUS. FREDERICK C. BARGAR, Columbus, Ohio, assignor to Nu-Ex-Fire Appliance Company, Columbus, Ohio, a Corporation of Delaware. Filed Apr. 8, 1921. Serial No. 459,573. 35 Claims. (Cl. 169—32.)



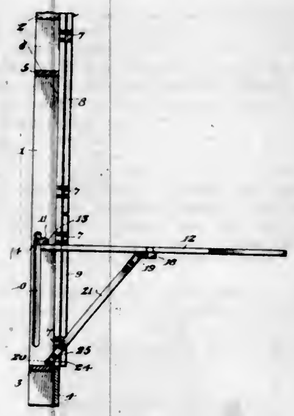
1. Fire extinguishing apparatus comprising containing means holding fire extinguishing charge, a gas generator comprising a movable cartridge containing non-liquid gas producing material adapted to be set off by impact due to cartridge movement on gravity actuation.

1,568,796. OIL FILTER. CARL BEER, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a Corporation of Delaware. Filed Mar. 9, 1925. Serial No. 14,051. 7 Claims. (Cl. 210—170.)



1. In combination, a conduit having an opening therein, a screen surrounding said opening, an imperforate member spaced from and housing the top and side of said screen, suction means for drawing fluid through the conduit, a normally closed valve adjacent to said screen adapted to permit access of fluid to said conduit through said opening when unseated, and said suction means being adapted to open said valve in the event of clogging of said screen.

1,568,797. FOLDING IRONING BOARD. WARREN W. BROOKS and ROBERT E. ROUGH, Burbank, Calif. Filed May 21, 1925. Serial No. 31,872. 1 Claim. (Cl. 68—10.)

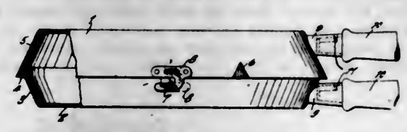


In an ironing board of the character described, a pair of spaced upright side members having longitudinally extending parallel grooves in their opposed faces, each merging with a lateral groove located adjacent its upper end, an ironing board, a brace member pivotally supporting said board, a pair of elongated elements extending across the rear of said board and having their ends positioned to work in said grooves, one member being secured to said board, and end connecting members pivotally secured to the ends of said elements so that the other member is free to swing toward and from the board about the fixed element as its axis, said secured element being adapted to locate in said lateral groove, when the board is set up for use, with the attached other element positioned therebehind to lock the board in the set up position.

1,568,798. SKILLET. WILLIAM H. CAVER, Boonville, Miss. Filed Jan. 16, 1925. Serial No. 2,856. 5 Claims. (Cl. 53—7.)

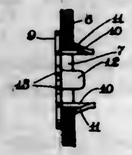
1. A skillet comprising a pan and a cover engaging one another rotatively along their rims, a handle on and

projecting radially from each of said parts, and locking elements on one of said parts adapted to cooperate with



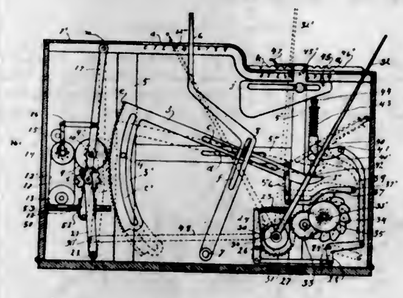
elements on the other of said parts only when the handles thereon are brought into alinement in order to lock said parts together in sealed relation.

1,568,799. LOOM LOCK. PERRY B. CLARK, Columbus, Ohio. Filed Mar. 17, 1924. Serial No. 699,730. 3 Claims. (Cl. 247—25.)



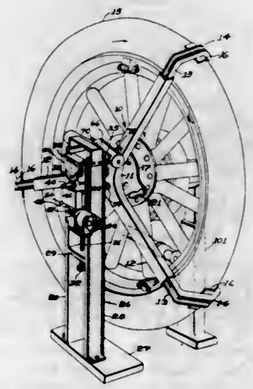
1. A loom lock consisting of a rigid body portion of flat U-form and a spring tongue extending from each of the legs of said flat U-form portion at an angle thereto, said spring tongue having a return hook.

1,568,800. COMPUTING OR MULTIPLYING MACHINE. CLARE C. COSS, Grand Rapids, Mich., assignor of one-half to Howard R. James, Lake City, Mich. Filed Aug. 6, 1924. Serial No. 730,514. 8 Claims. (Cl. 235—61.)



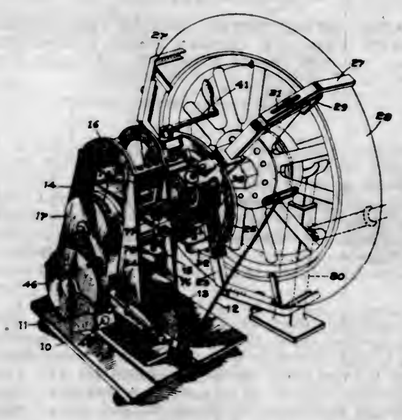
1. In a computing machine, an enclosing case, a shaft mounted crosswise of the case, operating arms mounted on said shaft and having slots therein, one of said arms passing upwardly through the cover of the case forming an actuating lever, partitions in the case having horizontally disposed slots therein, operating levers each having curved heads thereon and gear teeth on said heads, the levers and the heads each having slots therethrough, a bar passing through the slots in the partition, in the operating arms, and in the operating levers for supporting and adjusting the operating levers, a shaft near the back end of the machine, a segmental gear wheel on said shaft, a lever for operating said shaft, cams revolubly mounted in the case back of the said lever in position to be operated by the segmental gear wheel, levers and links connected to operate the operating levers from said cams, arms swingingly mounted in the case, shafts mounted in the free ends of said arms, and discs and gear wheels mounted on said shafts in position to be made to revolve by temporary engagement with the heads on the operating levers.

1,568,801. BRAKE-TESTING DEVICE FOR AUTOMOBILES. CHARLES F. COWDREY, Fitchburg, Mass. Filed Dec. 15, 1923. Serial No. 680,962. 8 Claims. (Cl. 265—25.)



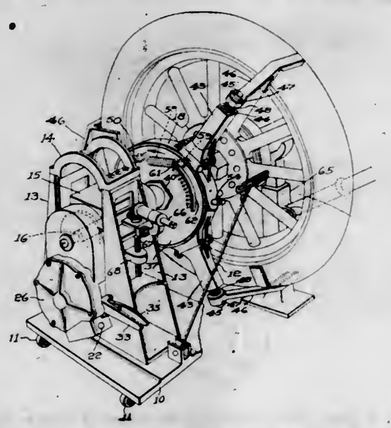
1. A brake tester for testing the action of a brake upon a wheel of an automobile, comprising in combination, means for imparting an initial rotative movement to a wheel, separate means for continuing the rotation of the wheel while the brake is applied, mechanism common to both means for driving them and means for indicating the force required to maintain the rotative movement of the wheel under brake resistance.

1,568,802. BRAKE-TESTING DEVICE FOR AUTOMOBILES. CHARLES F. COWDREY, Fitchburg, Mass. Filed May 24, 1924. Serial No. 715,576. 8 Claims. (Cl. 265—25.)



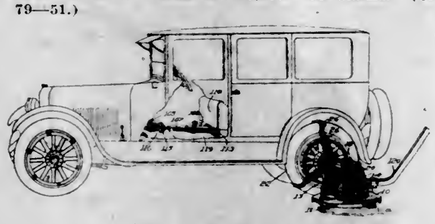
1. A brake tester for testing the action of the brakes upon the wheels of an automobile, comprising in combination, a supporting frame, a wheel engaging device for turning an automobile wheel, a pair of rotative elements mounted upon said frame to rotate about a common axis and one of which elements is in driving engagement with said wheel engaging device, a yielding driving connection between said elements for imparting rotative movement of one element in either a right-hand or left-hand direction to the other, and an indicator operable by the yielding movement of the driving connection in either direction to indicate the force required to rotate the wheel under brake resistance.

1,568,803. BRAKE-TESTING DEVICE FOR AUTOMOBILES. CHARLES F. COWDREY, Fitchburg, Mass. Filed June 21, 1924. Serial No. 721,421. 19 Claims. (Cl. 265—25.)



1. A brake tester for testing the action of a brake upon a wheel of an automobile, comprising in combination, a head engageable with a wheel of an automobile to rotate the wheel under brake resistance and consisting of a hub portion and a wheel engaging portion rotatable upon the hub portion, means for rotating the hub portion and operable to turn an automobile wheel when the brake is applied bard, a spring for yieldingly imparting the rotative movement of the hub portion to the wheel engaging portion, and an indicator actuated by the movement of one of said portions relative to the other to indicate the rotative force applied to the wheel.

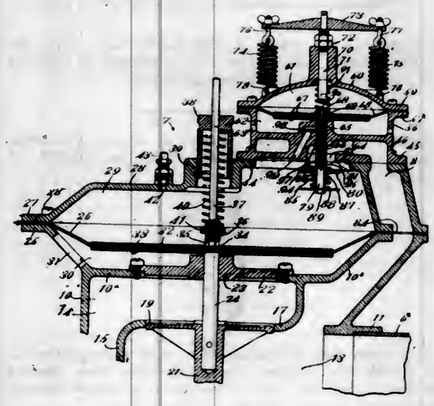
1,568,804. BRAKE-TESTING DEVICE FOR AUTOMOBILES. CHARLES F. COWDREY, Fitchburg, Mass. Filed Mar. 16, 1925. Serial No. 15,867. 54 Claims. (Cl. 79—51.)



1. A brake tester for testing the action of a brake upon a wheel of an automobile, comprising in combination, a head engageable with a wheel of an automobile to rotate it under brake resistance and provided with a hub constructed to be driven by a shaft, a supporting frame, a rotating shaft upon the frame and each end of which is constructed to be placed in driving engagement with said hub, means for rotating said shaft, and means for indicating the turning force applied to said head.

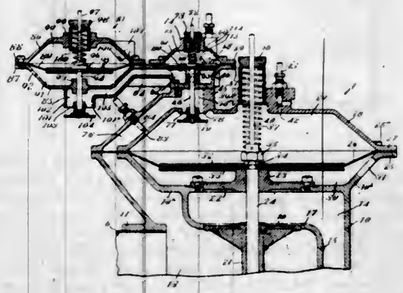
1,568,805. POWER-CONTROL DEVICE. JAMES T. COWLEY, Syracuse, N. Y. Filed Apr. 8, 1925. Serial No. 21,719. 21 Claims. (Cl. 243—12.)

1. Pneumatic despatch apparatus having a transmission tube, an exhauster connected therewith and a main valve for controlling the flow of air through the transmission tube, a minimum flow of air through the tube being permitted when the valve is in closed position, and a pneumatic motor for operating the main valve, said motor responding to slight drop in pressure in the transmission tube incident to insertion of a carrier in the tube to open the main valve, and means for determining subsequent pressure conditions in the main motor comprising an auxiliary pneumatic responsive to pressure change in the transmission tube, and means



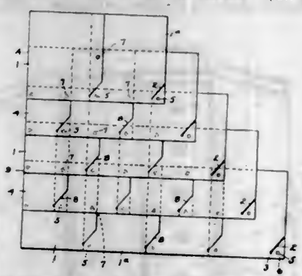
actuable thereby for cutting off communication between the main motor and the transmission tube when the main valve opens and for immediately re-establishing such communication, said auxiliary pneumatic subsequently responding to change in pressure in the transmission tube incident to delivery of the carrier therefrom again to cut off such communication.

1,568,806. POWER-CONTROL APPARATUS. JAMES T. COWLEY, Syracuse, N. Y., assignor to The Lamson Company, Syracuse, N. Y., a Corporation of Massachusetts. Filed Apr. 8, 1925. Serial No. 21,721. 16 Claims. (Cl. 243—9.)



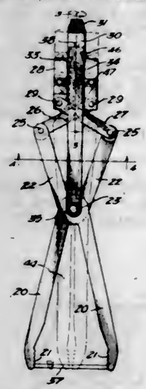
1. Power control apparatus for a pneumatic despatch system having a transmission tube comprising a main valve for controlling carrier propelling air flow through the tube, a main pneumatic motor for operating the main valve, said motor having a pressure actuated element normally exposed to the pressure obtaining in the transmission tube, controlling means responsive to a predetermined pressure in the transmission tube for cutting off communication between the main, motor and the transmission tube, and means to terminate response of said controlling means to said predetermined pressure.

1,568,807. ROOF AND METHOD OF LAYING THE SAME. PAUL J. DARM, Fort Wayne, Ind. Filed June 12, 1925. Serial No. 36,632. 2 Claims. (Cl. 108—8.)



1. A roof including a base and shingles laid thereon in horizontal rows, each of said shingles being of uniform size and rectangular contour, the shingles being laid with their bottom edges horizontal and their side edges vertical the bottom edges of the shingles in each row being horizontally alined, each shingle having a single diagonal slit extending from a point on one side edge adjacent the bottom edge downwardly and inwardly of the shingle, the remaining side edge of each shingle being continuous and being inserted in the slit of the laterally adjacent shingle with the part below the slit underlying the inserted edge.

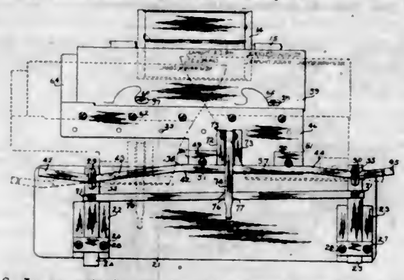
1,568,808. FISHING TOOL. WILLIAM E. DAVISON and WILLIAM B. MARSHALL, Fellows, Calif. Filed Sept. 5, 1923. Serial No. 661,003. 7 Claims. (Cl. 294—115.)



1. In a fishing tool, the combination of: jaw members; pivot means hinging said jaw members together at an intermediate point; a head equipped with suspension means and having slide grooves in the sides thereof; links connecting between said head and the upper ends of said jaw members; and vertical slide bars arranged between said head and said jaw members for aligning said head and said jaw members, said bars being received in said slide grooves and joined to said pivot means.

1,568,809. DEVICE FOR TRANSFERRING RECORDS. WILLIAM H. DAY, East Haven, Conn., assignor to Index Visible, Inc., New Haven, Conn. Filed Dec. 21, 1923. Serial No. 682,048. 35 Claims. (Cl. 101—47.)

1. An attachment for the purpose described comprising a base plate, a record member carrier, means slidingly connecting said carrier to said base plate, said means adapted to cause said carrier to move toward and away from said base plate when said means is shifted longitudinally of said base plate, and means mounted upon said base plate associated with said connecting means arranged to allow perpendicular adjustment of said connecting means relatively to said base plate.



8. In an attachment for the purpose described, a base plate, a record member carrier provided with a detachable camming member and perpendicularly adjustable means slidingly engaging said camming member mounted upon said base plate.

30. In an attachment of the character described, a base plate, a card carrier, a movement controlling member for said carrier, said controlling members consisting of a bar having a straight portion intermediate its ends, and the ends thereof bent at an angle therefrom in different directions, and means mounted upon the base plate to slidingly receive the ends of said member.

1,568,810. BEET HARVESTER. ADOLPH F., DJUBERG, Minneapolis, Minn., assignor of one-eighth to William Berg and one-eighth to Carl Lindquist, both of Minneapolis, Minn. Filed May 26, 1923. Serial No. 641,621. 21 Claims. (Cl. 55—107.)



2. A beet harvesting machine comprising a vertically movable dish-shaped cutting disk disposed in an inclined upstanding position so that it can move in between closely adjacent beets, means moving over said beets comprising a chain driven sprocket wheel having its lowest point substantially in line with the lowest point of said disk and in fixed relation thereto, whereby the position of said disk is controlled by the position of said wheel.

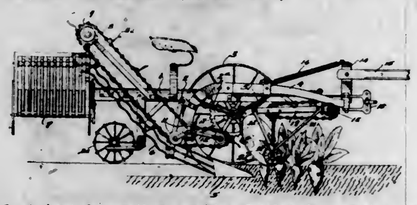
8. A beet harvester having in combination, a frame, a driven shaft extending transversely thereof adjacent its front end, a gear on said shaft, spaced members pivoted at their upper ends on said shaft and extending downwardly and rearwardly therefrom, a bearing on said members adjacent their lower ends, a dish-shaped disk member having a stem projecting from its concave side and journaled in said bearing, a shaft having a gear on its upper end meshing with the gear on said shaft and extending downwardly therefrom and a universal joint connecting the lower end of said shaft and said stem.

12. A beet harvester having in combination a dish-shaped disk for severing the tops of the beets, means for controlling said disk to sever the tops at uniform points relative to the bodies of the beets and a rotating means disposed adjacent the surface of said disk for discharging the severed tops therefrom.

19. A beet harvester comprising a dish-shaped disk having its central portion formed on the arc of a circle

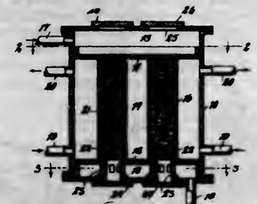
and its edge portion formed on a curve of much smaller radius than said circle, said disk being mounted for vertical movement and having its central axis disposed at less than 45 degrees with the horizontal.

1,568,811. BEET TOPPER. ADOLPH F. DJUBERG, Minneapolis, Minn. Filed May 19, 1924. Serial No. 714,386. 18 Claims. (Cl. 55—107.)



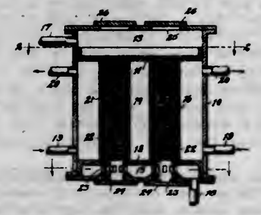
1. A beet harvesting machine having in combination, a dish-shaped cutter having its axis disposed at an angle of 45 degrees or less to the horizontal, a frame carrying said cutter and a pair of spaced rollers carried by said frame disposed in front of said cutter adapted to ride over the beet tops and to raise and lower said frame and cutter.

1,568,812. METHOD FOR TREATMENT OF LOW-BOILING HYDROCARBONS. WILLIAM F. DOWNS, Chatham, N. J.; Mary Gardner Downs administratrix of said William F. Downs, deceased. Filed May 6, 1922. Serial No. 558,850. 6 Claims. (Cl. 196—196.)



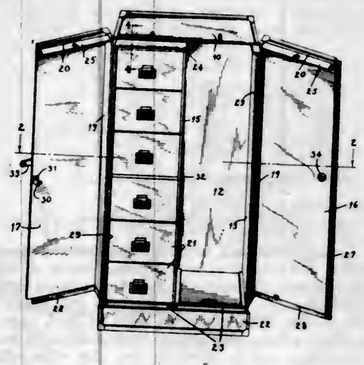
1. The process of increasing the yield and improving the quality of gasoline from vapors of hydrocarbon oils having a boiling point below 500° F., and in which the component parts vary as to their ratios of hydrogen to carbon, and as to their condition of saturation, said process consisting in condensing said vapors in the presence of a porous mass containing anhydrous metallic chlorides and continuously withdrawing the liquid condensate from contact with the said chloride.

1,568,813. PROCESS FOR PURIFYING HYDROCARBON LIQUIDS. WILLIAM F. DOWNS, Chatham, N. J.; Mary Gardner Downs administratrix of said William F. Downs, deceased. Filed May 6, 1922. Serial No. 558,851. 7 Claims. (Cl. 196—78.)



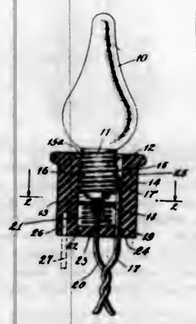
1. The process of purifying hydrocarbons, consisting in passing them in liquid form through a filter bed containing metallic chloride maintained in a heated condition, but below the boiling point of the hydrocarbon and below the vaporizing point of the chloride.

1,568,814. WARDROBE TRUNK. ALBERT L. DUFF and JAMES W. MATHESON, Brooklyn, N. Y.; said Duff assignor to said Matheson. Filed Feb. 9, 1924. Serial No. 691,540. 4 Claims. (Cl. 190—13.)



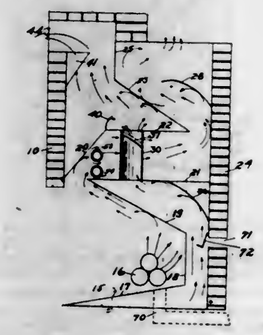
1. The herein described wardrobe trunk comprising a body having a base section for storage, side walls at the sides of the base section, a partition intermediate of and parallel to the side walls and extending forward to the front of the base, a space being provided between the partition and one of the walls for the hanging of garments, a vertical series of movable containers located between the partition and the other wall, the side walls being narrower than the partition from front to rear, and a pair of doors hinged to the side walls entirely above the base section and co-operating with each other at the front edge of the partition, one of the doors serving thus to hold said movable containers in closed position while access is provided to the garment hanging space, the doors being provided with side extensions corresponding to the difference in width between the side walls and the partition.

1,568,815. ELECTRIC-LAMP SOCKET. REUBEN ECKSTEIN, New York, N. Y. Filed Mar. 16, 1922. Serial No. 544,111. 2 Claims. (Cl. 173—358.)



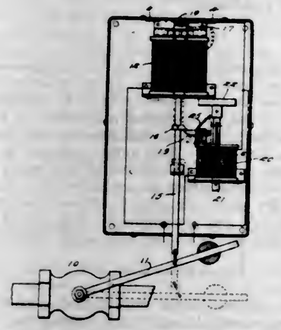
1. An electric lamp socket comprising a body portion having a recess, a screw contact shell fitted into said recess, a contact member carried on a movable disc beneath the shell, and a spring housed in said recess beneath said disc adapted to urge said disc and member toward the shell, said disc normally spacing the contact member from said shell and serving to engage said shell for retaining said member within the recess below said shell.

1,568,816. FIREPLACE. HARRY A. ELSON, Los Angeles, Calif., assignor, by mesne assignments, to Frederick W. Slingerland, Los Angeles, Calif. Filed Feb. 26, 1923. Serial No. 621,133. 6 Claims. (Cl. 126—121.)



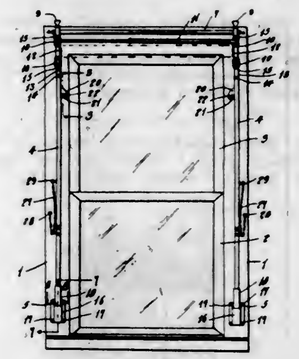
1. A fireplace structure having a fire chamber, and a front brick wall, a flue at the top of the fire chamber and extended through said fireplace structure, an air passageway adjacent to said fire chamber and having a fresh air inlet, said air passageway increasing in area from the inlet thereto, pipes extending across said flue, an air passageway and expansion chamber directly above said pipes, said pipes communicating with said fresh air inlet, said front wall having openings therein through which the hot air discharges, the top of said fire chamber being inclined toward the front of the fireplace, said inclined part being made of sheet metal whereby it may be heated to thus heat the air passing over the other side thereof.

1,568,817. AUTOMATIC VALVE CUT-OFF. OSCAR FALKENWALDE, Baltimore, Md., assignor to Robert H. Lyon, Baltimore, Md. Filed Nov. 11, 1924. Serial No. 749,240. 1 Claim. (Cl. 137—139.)



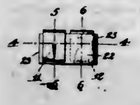
Controlling means of the class described comprising a first solenoid and a second solenoid, each solenoid having a movable armature, means to urge movement of each armature when the respective solenoids are deenergized and in the direction opposite to the direction in which they are moved by the solenoids, a control member movable by the armature of the first solenoid, both solenoids being adapted for connection in electric circuit means for simultaneous energization, a switch to cut out the first solenoid while the second solenoid remains energized and through the movement of the armature of the first solenoid by the latter, means to normally prevent movement of the armature of the first solenoid when the latter is deenergized, the last mentioned means being controllable by the movement of the armature of the second solenoid upon deenergization of the latter, the last mentioned means comprising a trip, means pivoting said trip to the second solenoid, and a detent coacting with said trip and normally maintaining it in detaining relation with the armature of the first solenoid, and said trip being directly operable by the armature of the second solenoid.

1,568,818. CURTAIN-POLE, DRAPERY-ROD, AND SHADE-ROLLER SUPPORT. THOMAS E. FARMER, Stockett, Mont., assignor of one-half to Italo Chelotti, Black Eagle, Mont. Filed May 7, 1925. Serial No. 28,685. 8 Claims. (Cl. 156—23.)



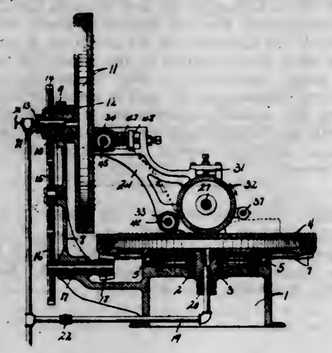
1. A holder of the character set forth, comprising, in combination with a support, a pair of arms, means slidably and pivotally connecting the arms to the support, headed elements carried by the support, and plates carried by the arms and notched to receive the elements.

1,568,819. FASTENER FOR BARBERS' HAIR CLOTHS AND THE LIKE. JOSEPH FAVATA, Jr., Buffalo, N. Y. Filed July 21, 1923. Serial No. 652,926. 7 Claims. (Cl. 24—81.)



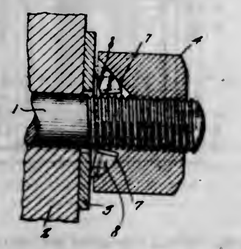
1. A fastener of the kind described, comprising a body portion and two resilient flaps extending from one edge of said body portion, said flaps being directed transversely and having prongs extending inwardly at a right angle therefrom.

1,568,820. APPARATUS FOR FORMING ANNULAR BLANKS FOR THE MANUFACTURE OF RUBBER TUBES. CHARLES F. FENLASON, Jr., Malone, N. Y., assignor of one-fourth to Harry C. Wilder and one-fourth to Lewis F. Lehr, both of Malone, N. Y. Filed Oct. 20, 1924. Serial No. 744,792. 12 Claims. (Cl. 18—9.)



1. An apparatus of the character described comprising means for rolling a curved strip upon a plate, means for picking up the curved strip from the plate, and means for rolling the same upon a second plate to form an annular blank of desired thickness.

1,568,821. SELF-LOCKING NUT. EUGENE A. FLORENCE, San Simeon, Calif. Filed Aug. 19, 1925. Serial No. 51,241. 1 Claim. (Cl. 151—23.)

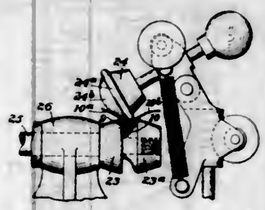


A means for locking a nut on a bolt in which said bolt is passed through a super-structure, said nut having its inner face provided with oppositely arranged pockets whose inner side walls are parallel but whose outer side walls are beveled away from each other and whose inner walls are arranged at an inclination, a dog adapted to be received in each pocket, each of said dogs having an inner rounded edge, a lower beveled edge and an outer edge which is arranged at an outward angle from the beveled edge, the rounded edge of the dog designed to be fulcrumed on the inner inclined walls of the pocket and whereby the pointed corner between the last mentioned and rounded edge of the dogs will be projected through the pockets when the nut is screwed on the bolt and will be contacted by the superstructure and canted to bring the beveled edge of the dogs into biting engagement with the threads of the bolt when the nut is fully screwed home.

1,568,822. RAIL STEEL. HOWARD J. FORCE, Scranton, Pa. Filed July 17, 1925. Serial No. 44,371. 2 Claims. (Cl. 238—150.)

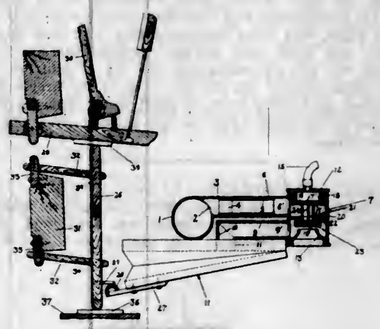
1. A railway rail made of steel containing carbon, from .30 to .85%; manganese, from 1.15 to 1.90%; phosphorus, not to exceed .05%; and silicon, not to exceed .30%.

1,568,823. STRAIGHT-SIDE BEAD FLAPPING MACHINE. FRED D. FOWLER, Watertown, Mass., assignor to Hood Rubber Company, Watertown, Mass., a Corporation of Massachusetts. Filed Jan. 19, 1924. Serial No. 687,396. 5 Claims. (Cl. 154—9.)



3. In a machine of the class described, a roll comprising a main member having a face perpendicular to the axis of the roll and a threaded axial extension, and an auxiliary member having a threaded bore engaging said extension and having an annular reduced face forming with said perpendicular wall a bead receiving groove.

1,568,824. ACTION FOR PLAYER PIANOS. GUILLERMO FREUND, Lima, Peru. Filed Nov. 12, 1924. Serial No. 749,524. 5 Claims. (Cl. 84—50.)



1. In a pneumatic action for player pianos and the like, the combination, with an action chest having a set of short tubes secured laterally to it at regularly-spaced intervals, of a set of operating units, one for each tube, readily attachable and detachable bodily and individually to and from said chest; each unit comprising a valve box and a striker pneumatic, the valve box being provided with a pair of tubes which project laterally one above the other from the same side of the box, one tube of the pair being removably and telescopically engaged with an action chest tube, and the other tube being connected to the pneumatic.

1,568,825. AUTOMOBILE STEERING GEAR. HARDY A. FRIEND, Marshalltown, Iowa. Filed Apr. 1, 1925. Serial No. 19,961. 2 Claims. (Cl. 74—79.)

1. In a steering mechanism, a body member provided with attaching means and formed to provide an elongated bearing member and a laterally extending trunnion, a steering shaft journaled through said bearing member, a pinion secured on said shaft, a bar arm adapted for connection with the steering rod of a vehicle and formed with a hub portion rotatably engaged upon the trunnion, and a ring gear on said hub portion meshing with said pinion, said ring gear being formed integrally upon the bar arm, said bar arm being formed with an outstanding



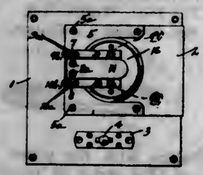
flange, and said body being formed with a circular flange concentric with the trunnion and co-operating with said first named flange to define a housing for said gear.

1,568,826. GARMENT. SADIE E. GALLEMORE, Casper, Wyo. Filed May 23, 1924. Serial No. 715,448. 2 Claims. (Cl. 2—51.)



1. A garment of the character described having tie strings secured thereto, provided with tie string receiving pockets arranged near the top on opposite sides thereof, each of said pockets being relatively deep vertically and relatively narrow horizontally and being closed at the top, bottom and inner side, the outer side of each pocket being closed at its lower portion and open at its upper portion, the tie strings being secured within the said pockets.

1,568,827. APPARATUS FOR TESTING TELEPHONE RECEIVERS. WILLIAM H. GEARS, East Orange, N. J., assignor, by mesne assignments, to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Filed June 21, 1924. Serial No. 721,462. 4 Claims. (Cl. 179—175.)



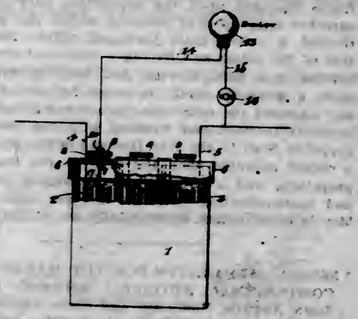
1. A test board unit for telephone receivers, comprising in combination an apertured panel, a standard telephone receiver adapted to be fixedly secured in a position where sound vibrations may be delivered or received through said apertured panel, a guide block for telephone receivers whose properties are to be determined mounted on the opposite side of said apertured panel concentric with the mounting of said standard telephone receiver, and a pair of resilient leaf springs positioned at one side of said guide block whereby a telephone receiver to be tested may be slipped into said guide block and connections simultaneously established between the terminals of the telephone receiver to be tested and said resilient leaf springs, whereby sound vibrations from said telephone receiver to be tested may be delivered or received through said apertured panel.

1,568,828. CAN OPENER AND STOPPER. JOHN A. GIBSON, Washington, D. C. Filed Apr. 18, 1925. Serial No. 24,185. 1 Claim. (Cl. 220—51.)



A device of the class described, comprising a pair of telescopic members having their outer ends bent downwardly, a disk formed on each outer end, a cone-shaped projection on the under face of each disk, the inner member having a groove therein and a lip on the outer member engaging the groove.

1,568,829. BATTERY INDICATOR. WETSEL GOFF, Weston, W. Va. Filed Sept. 9, 1924. Serial No. 736,729. 3 Claims. (Cl. 136—185.)



2. In combination, a conductor adapted to lead to an indicating element, an electrode adapted to extend into a battery and consisting of a stem and a head, said head provided with a socket spaced from said stem, said conductor extending through said socket and into said stem and further embedded in the head inwardly of the socket and in a portion of the length of the stem, and a covering of insulation, said covering having an end terminal portion thereof snugly fitting said socket and enclosing that portion of the conductor within said socket and said covering further enclosing that portion of the conductor projecting outwardly from said head.

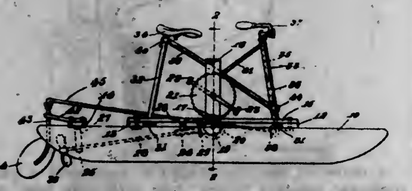
1,568,830. WASTE-OIL PAN. HERBERT GUNDERSON, Stanley, Wis. Filed Aug. 1, 1924. Serial No. 729,600. 3 Claims. (Cl. 220—1.)



1. A device for the purpose indicated, comprising a pan having a guard wall on its top side near one end and provided with a central opening, the opposite trans-

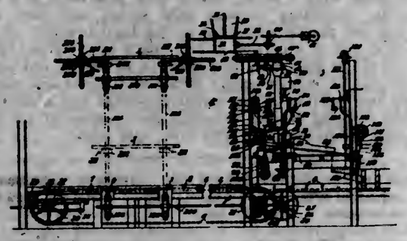
verse edge portions of said wall having upstanding flanges between which any suitable tools may be disposed, resting upon the guard wall, and a handle member connecting the upstanding guard flanges, the handle acting as means to prevent displacement of said tools.

1,568,831. HYDROCYCLE. RICHARD F. HAMME, Jr., Wilmington, N. C. Filed June 30, 1925. Serial No. 40,663. 1 Claim. (Cl. 115—24.)



A hydrocycle of the character described comprising a pair of pontoons having spacing plates secured to the upper sides thereof, longitudinally disposed supporting bars arranged upon the upper sides of and intermediate the length of the spacing plates, a bicycle construction mounted upon the upper sides of the pontoons and directly over the supporting bars, a substantially U-shaped frame mounted upon the supporting bars and having a sprocket arm and gear mounted within the upper portion thereof, a driven shaft journaled within the lower portion of the frame and having a combined small gear and beveled gear fixed thereon and meshing with the large gear, a propeller shaft mounted between the pontoons and adjacent the rear ends thereof and including a pinion upon its forward end meshing with the beveled gear, a propeller fixed to the rear free end of the propelled shaft, a rudder mounted upon and between the rear end of the propellers, and a connecting rod secured to the rudder and communicating with the steering apparatus of the bicycle construction substantially as set forth.

1,568,832. APPARATUS FOR THE MANUFACTURE OF COMPOSITION BUILDING SHEETS OR SLABS. JOHN ARTHUR HARRISON and OTTO ANTON WASCHATA, West Richmond, Victoria, Australia. Filed Sept. 12, 1923. Serial No. 567,780. 19 Claims. (Cl. 25—42.)



1. In apparatus for the manufacture of composition building sheets or slabs, a feed hopper for powdered plaster having delivery orifices in the bottom thereof, a platform beneath said hopper, measuring bins slidable on said platform, cut-off plates on said bins to register with said hopper orifices, a screw conveyor, a telescopic chute, a sieve mounted on said chute, means imparting intermittent reciprocatory movement to said bins, means for continuously rotating said conveyor, and means for imparting oscillatory movement to said sieve.

1,568,833. PISTON PIN. VERNON J. HARRIS, Cleveland, Ohio. Filed Oct. 1, 1925. Serial No. 59,833. 5 Claims. (Cl. 74—108.)



1. In a pin having radially expansible end portions, a tubular body having semi-tubular end extensions provided with inner faces inclined to the axis of the body, complementary semi-tubular end parts provided with inclined meeting faces and being movably disposed on said end extensions, and a spring extending through the tubular body connecting said movably disposed end parts holding them in place on the end extensions under constraint to travel over the inclined faces of the extensions to increase the diameter of the end portions of the pin.

1,568,834. ICE-CREAM-CONE PACKAGE. OSCAR HAUGN and WILLIAM A. ENGLAND, San Francisco, Calif., assignors to Parent Cone Company, San Francisco, Calif., a Corporation of California. Filed Apr. 10, 1924. Serial No. 705,530. 2 Claims. (Cl. 206—65.)



1. An ice cream cone package comprising a flat sheet of corrugated board having corrugations on its upper surface, two flat strips of corrugated board spaced apart on and positioned vertically with respect to the sheet, said strips being corrugated on their adjacent surfaces, the corrugations in the sheet and strips being in alinement, a second sheet corrugated on its under side and forming with the first sheet and the strips, an enclosure and a nest of ice cream cones in the enclosure with the bases of the cones disposed in the valleys in the sheets and strips.

1,568,835. INTERNAL-COMBUSTION ENGINE. JOHN B. HAWLEY, Jr., Fort Worth, Tex. Filed Mar. 13, 1924. Serial No. 698,886. 2 Claims. (Cl. 74—108.)



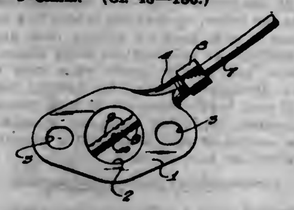
1. The combination with the piston of an internal combustion engine, of a series of relatively thin metal plates of substantially uniform thickness suitably formed to present a plurality of projections extending from their body portions substantially at right angles, and means attaching said body portions to the piston head, whereby there are established a plurality of projections of substantially uniform thinness reaching outwardly from the piston head substantially at right angles, and separated from each other by grooves of substantially equal thickness, and whereby the heating and cooling of said projections is of substantially equal rate at all points throughout the projecting portions, substantially as described.

1,568,836. WELL-PUMPING MACHINE. JOHN B. HAWLEY, Jr., Fort Worth, Tex. Filed May 6, 1924. Serial No. 711,851. 11 Claims. (Cl. 103—118.)



1. A well pumping unit comprising in combination a cylindrical casing, a motor element in the upper portion thereof, a pumping element within the casing beneath the motor element, a driving connection between the motor and pumping elements, an intake pipe reaching downwardly from the pumping element to a point below the casing, a vertically adjustable abutment on the lower end of the intake pipe, a circular collar of rubber or the like on said abutment and surrounding the intake pipe and adapted when expanded to constitute a gasket for sealing the well casing at a point around the intake connection, the discharge passage from the pumping element communicating solely with the interior of the cylindrical casing below the pumping element, a plunger slidably mounted within the lower portion of the cylindrical casing beneath said discharge passage and having a tapered lower portion adapted to enter the collar aforesaid when the plunger is forced down to thereby expand said collar into sealing engagement with the well casing, there being a series of discharge openings in the cylindrical casing at a point below the position normally occupied by the upper end of the plunger aforesaid, whereby said plunger is forced downwards by the pressure of liquid discharged by the pump to expand the collar into sealing engagement with the well casing and whereby the liquid may be discharged through said openings into the well casing above the collar, only when the plunger is forced down, substantially as described.

1,568,837. AUXILIARY ATTACHMENT FOR INTERNAL-COMBUSTION ENGINES. JACK S. HAYWOOD, Petersburg, Ill. Filed July 23, 1923. Serial No. 653,302. 1 Claim. (Cl. 48—180.)



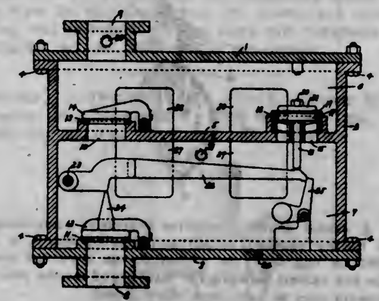
An attachment for internal combustion engines comprising a body plate having a transverse opening, a nipple formed on one edge thereof, said nipple and body drilled to provide a diagonal bore and a recess aligning with the bore, a nozzle extending through said bore and having its inner end seated in said recess, said nozzle extending diagonally across said transverse opening and being provided with a plurality of perforations arranged in diametrically opposed rows longitudinally of the nozzle at its bore within said transverse opening and said nozzle.

1,568,838. GARTER PACKAGE. HENRY B. HEYMAN, New York, N. Y. Filed July 29, 1925. Serial No. 46,904. 2 Claims. (Cl. 206—44.)



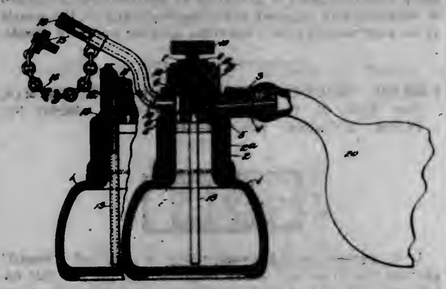
1. A garter package comprising a pair of "round" garters free from any sharp bend throughout the full extent of each garter and each garter being in the form of an elliptical band having a flattened side portion intermediate the ends of its major diameter, in combination with a flat card-mount arranged at right angles to the elliptical configuration of said garters and with said garters out-standing from the face of said card-mount and being positioned substantially in free outside and inside display, said mount having two pairs of tabs, the tabs of each pair being spaced apart materially less than the major diameter of the elliptical contour of said garter and gripping only said flattened portion of said garter to said mount and holding the whole garter free from sharp bends in outstanding display.

1,568,839. DRY-PIPE VALVE. WILLIS K. HODGMAN and WILLIS K. HODGMAN, Jr., Taunton, Mass.; Emma A. Hodgman executrix of said Willis K. Hodgman, deceased. Filed Feb. 2, 1920. Serial No. 355,598. 5 Claims. (Cl. 169—21.)



1. A dry pipe valve comprising a casing, a partition dividing the casing into upper and lower chambers, the said casing having an inlet opening into the lower chamber, an outlet opening from the upper chamber, a waterway opening through the partition all aligned to present a straight waterway through the casing, and a second opening through the partition, a water valve in the lower chamber for the inlet opening mounted on the casing to swing clear of the waterway when opening, a waterway valve in the upper chamber for the waterway opening mounted on the casing to swing clear of the waterway when open, an air valve in the upper chamber for the second opening, and a lever in the lower chamber fulcrumed to the casing, normally engaging the water valve and the air valve, proportioned so that a given pressure exerted by the air valve on the lever will counterbalance a greater pressure exerted by the water valve on the lever, and acting when released by movement of the air valve to free the water valve and allow it to swing to the open position.

1,568,840. NEBULIZER. THOMAS J. HOLMES, Boston, Mass. Filed June 17, 1922. Serial No. 569,148. 3 Claims. (Cl. 299—39.)



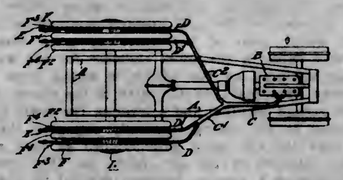
1. A liquid nebulizer embracing in its construction a stopper forming a closure for a liquid container provided with a downwardly discharged liquid-atomizing chamber having a conical wall affording a valve seat, and having a compressed air duct discharging through said conical wall, a rotatably axially adjustable valve plug having a tapered surface adapted to tightly engage said wall and seal the air-discharging passage, a liquid supply tube whose intake end is submerged in the liquid in the container and which communicates at its other end with the atomizing chamber through said valve plug, substantially as described.

1,568,841. CHARACTER-READING DEVICE. MABEL G. HORN and BERNICE B. B. BERENS, Philadelphia, Pa. Filed Mar. 26, 1925. Serial No. 18,549. 3 Claims. (Cl. 213—161.)



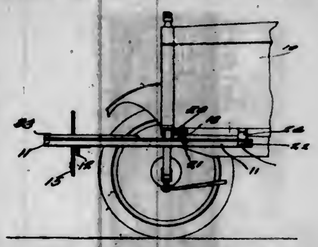
1. A device of the character described comprising a book having opposed covers and printed leaves, a key carried by one cover in a position to have the shank of the key extend between the leaves, and means whereby the covers may be held detachably closed.

1,568,842. SCRAPER. ARTHUR STANLEY HOWARD, Golton South, via Luveck, Victoria, Australia. Filed June 30, 1925. Serial No. 40,705. 10 Claims. (Cl. 280—158.)



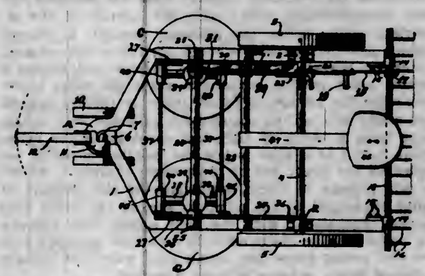
1. In a vehicle, the combination with a wheel thereof, of a scraper acting against said wheel, and means for heating said scraper.

1,568,843. SAW ATTACHMENT FOR VEHICLES. FRANK COSURN RUSSARD, Dennis, Tex. Filed Aug. 5, 1925. Serial No. 48,411. 2 Claims. (Cl. 143—43.)



1. A saw attachment for use upon motor vehicles comprising a pair of angle bars having elongated longitudinally disposed slots upon their inner ends including a cross bar secured to the inner sides and adjacent the forward ends thereof, offset plates secured to the outer sides of the vehicle side bars and receiving the slotted portions of the angle bars thereon, angle brackets secured to the upper sides and adjacent the inner ends of the angle bars and engaging the under sides of the vehicle fender brackets, substantially L-shaped bolts secured to the upper sides of the angle bars and engaging the upper sides of the fender brackets, a saw shaft journaled upon the upper side of the cross bar, and a stub shaft arranged within the vehicle fan pulley and having its outer end connected to the saw shaft for imparting a source of momentum thereto.

1,568,844. PINTO-BEAN-HARVESTING MACHINE. WELLMAN K. HUFF, Guy, N. Mex. Filed May 14, 1923. Serial No. 638,837. 3 Claims. (Cl. 55—107.)

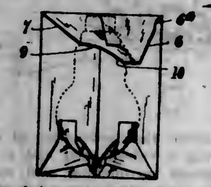


1. In a machine of the class described the combination with a wheel supported frame, of a frame pivotally mounted therein, means for adjusting said frame angularly upwardly and downwardly about its pivot and relative to the wheel supported frame, opposed heads formed in sections and movable with the frame, means for holding one of the sections of each head against rotation relative to the frame, cooperating interfitting means upon the sections of each head for holding them against relative rotation, one of said sections being adjustable about the common axis of the heads when said interfitting means are disengaged, means for holding together the sections of each head subsequent to their relative adjustment, a housing depending from and movable with the adjustable section of each head, and a rotatable cutting disk supported by each housing.

1,568,845. BOX OR CARTON FOR ELECTRIC LAMPS. ROWLAND HUNT, London, England. Filed June 6, 1924. Serial No. 718,374. 1 Claim. (Cl. 229—37.)

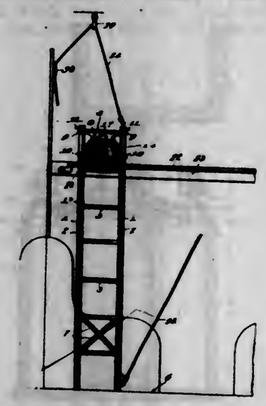
A carton for holding an electric lamp and having a plurality of flat sides the adjacent ends of at least three

of which at one end of the box have extensions of tapered form one side of which is longer than the other and provided with a curved part extending from the outer end of the shorter side to the extremity of the said extensions



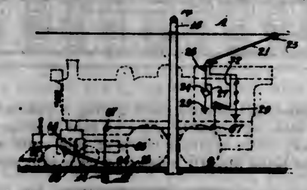
said curved part being arranged to effect a grip on both the cap of an electric lamp and the glass adjacent the cap; the other end of the box having any suitable means for holding the other end of the lamp.

1,568,846. SLEEPING-CAR LADDER. HILTON IRA JONES and FLORA M. PINKERTON, Wilmette, Ill. Filed Mar. 14, 1925. Serial No. 15,624. 6 Claims. (Cl. 228—36.)



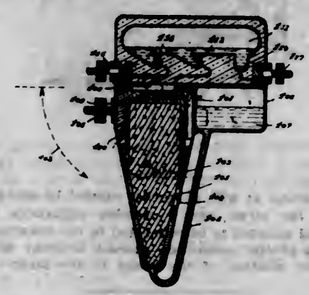
1. A ladder of the character described, comprising a pair of parallel elongated frame members, a plate having cooperative guiding and retaining lugs engaging with the frame members to retain said frame members in lengthwise sliding contact with the outer face of the plate, a second plate, means pivotally attaching the first plate to the second plate so that the first plate can turn in its plane on the second plate, and rollers carried by the second plate for movably supporting it and the parts which are connected therewith on a horizontal rail.

1,568,847. AUTOMATIC TRAIN-CONTROL SYSTEM. WALTER KASSE, Baltic, Ohio. Filed Aug. 16, 1924. Serial No. 732,525. 3 Claims. (Cl. 246—63.)



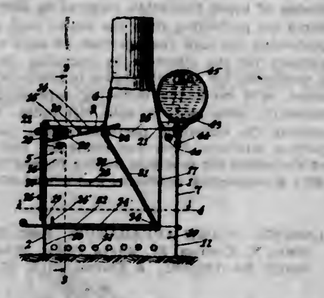
3. In a train control apparatus, a track instrument consisting of an electro-magnet, a plurality of the electro-magnets being mounted along the trackway, means on a train for energizing said electro-magnets successively as the train passes by them, a switch device on the train, an arm movably mounted on the train and terminating in an armature adapted to be attracted by the electro-magnets, and electro-magnetic means mounted on the locomotive for releasing the throttle lever and engineer's brake valve, and means connected with said last means and adapted to be energized by the current output from another locomotive.

1,568,848. STARTING SWITCH. RICHARD KELLENDORFER, Munich, Germany. Filed Oct. 5, 1923. Serial No. 666,799. 10 Claims. (Cl. 201—57.)



10. An electric starting switch comprising a casing rockable about a horizontal axis and having an electricity conducting portion adapted to be connected to one pole of an electric circuit, a solid resistance arranged fixedly within the casing and spaced from the electricity conducting portion of the latter, means for connecting said resistance to the other pole of said circuit, a chamber fixed to said casing and containing a conducting liquid only, and a conduit arranged exteriorly of said casing and connecting said chamber to the lower end of said casing, whereby when the casing, resistance and chamber are moved to a certain position, the conducting liquid will flow from the chamber through the conduit and into the casing, and will gradually rise along said resistance and gradually cut the latter out of the circuit.

1,568,849. PORTABLE CAMP STOVE. GEORGE KLEINSMITH, Pine Knot, Calif. Filed Nov. 20, 1924. Serial No. 751,068. 5 Claims. (Cl. 126—1.)

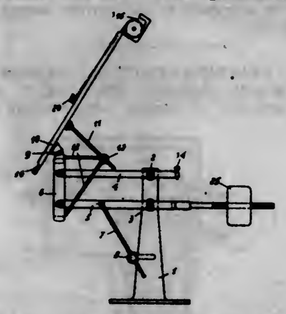


1. A camp stove, comprising in combination an outer body having a top plate extending there-across, an inner structure suspended from the top plate, a grate carried by the inner structure, an oven positioned in the inner structure and supported thereby above the grate.

1,568,850. DRAWING AND WRITING DESK. HANS KOCH, Dietikon, near Zurich, Switzerland. Filed Apr. 6, 1925. Serial No. 21,090. 4 Claims. (Cl. 45—131.)

2. A drawing board support, comprising a stand, links pivotally connected thereto, a strut connecting one end of the links and maintaining them in parallel relation,

means carried by the upper end of the strut for pivotally supporting a drawing board or the like, means extending from one of the links and adapted for adjustable connection with the stand to fix the angular relation of the



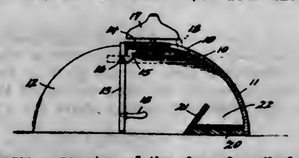
links and stand at will, a bracket carried by and projecting from the strut, and a member adjustable in the bracket and adapted to be connected to the drawing board beyond the pivotal connection thereof, whereby to adjust the angular relation of the board to the strut.

1,568,851. BATTERY. MILAN KNEZEVICH, Akron, Ohio. Filed Nov. 26, 1924. Serial No. 752,426. 1 Claim. (Cl. 136—125.)



In a device of the type described, a pair of open top jars, an electrolytic solution in each jar, a pair of electrodes of block formation received in said jars, an apertured ear projecting from the top of each electrode, a rod projecting through the aperture of each ear to act as a support for the electrode by engaging the top of a jar, a conductor for said electrodes to inseparably connect the same, said conductor including depending portions permanently embedded in said electrodes, a portion connecting the embedded portions, and a lead-off part projecting laterally from one electrode, and a second pair of electrodes for said jars having formed integrally therewith a connecting conductor and a lead-off conductor.

1,568,852. GAME APPARATUS. PAUL H. KOHLER and EMIL N. KOHLER, St. Marys, Ohio. Filed Aug. 8, 1924. Serial No. 730,982. 6 Claims. (Cl. 273—127.)



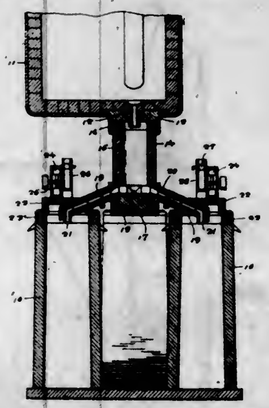
1. In a game apparatus of the class described, in combination, a support, an audible signal mounted thereon and above said support, a peg pivotally mounted on and depending from said support and means on said peg to contact with and operate said signal through said support when said peg is swung about its pivot.

1,568,853. STOVE BURNER AND WATER HEATER. JOSEPH P. LANE, New York, N. Y. Filed Feb. 17, 1925. Serial No. 9,804. 2 Claims. (Cl. 126—53.)



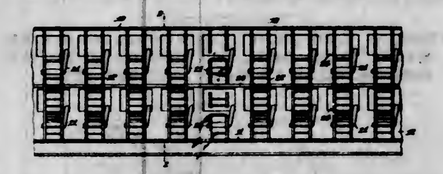
1. In a cook stove, the combination of two burners, a water grid having a valved inlet and a valved outlet, one of said burners surrounding said water grid substantially in the same plane, the other of said burners being arranged beneath said water grid, and means for maintaining the relative disposition of said burners and water grid.

1,568,854. STEEL-CASTING APPARATUS. DANIEL LARNER, Warren, Ohio, assignor of one-third to George E. Fulton, Warren, Ohio. Filed Aug. 5, 1924. Serial No. 730,285. 11 Claims. (Cl. 22—73.)



1. In a steel casting apparatus, the combination with a ladle and a plurality of molds, of means for conveying molten metal from the ladle to all of the said molds simultaneously protected from the effects of air.

1,568,855. PASSENGER COMPARTMENT. ALFRED W. LAWSON, New York, N. Y. Filed Apr. 21, 1925. Serial No. 24,848. 5 Claims. (Cl. 105—340.)

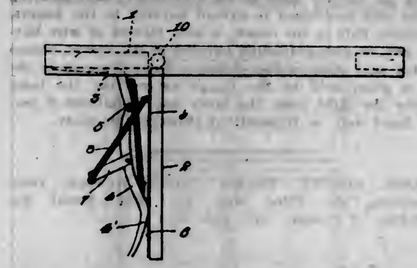


1. A passenger compartment having a passageway, and tiers of seats at opposite sides of said passageway, said passageway being common to all of said seats and all of said seats being directly accessible from said passageway.

1,568,856. SWINGING-DOOR CHECK. KARL LIDBECK and VERNER BRYNGELSON, Niagara, Wis. Filed June 10, 1925. Serial No. 36,255. 2 Claims. (Cl. 16—49.)

1. A door check comprising an L-shaped bracket adapted to be connected with a door frame, an arm pivoted

to the outer end of the bracket and having its outer end adapted to engage a door, a spring connecting the



arm with the bracket, a projection on the arm and a spring connected with the other end of the projection and adapted to be connected with a door.

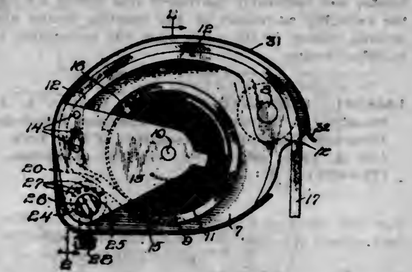
1,568,857. CIRCULATING PLUNGER PUMP. WILLIAM M. McGEE, Santa Monica, Calif. Filed Dec. 2, 1924. Serial No. 753,440. 2 Claims. (Cl. 103—5.)



1. A circulating plunger pump having in combination a packer with a reduced upper outer end, a conduit through the packer, a pipe string attached to the upper end of the conduit and having a passage on the outside thereof above the packer, a working barrel connected to the lower end of the conduit, a pipe plunger operating through the conduit, check valves in the body of the packer between the passage and conduit, and seats in said valves allowing fluid to be forced from the passage to the conduit, but not vice versa.

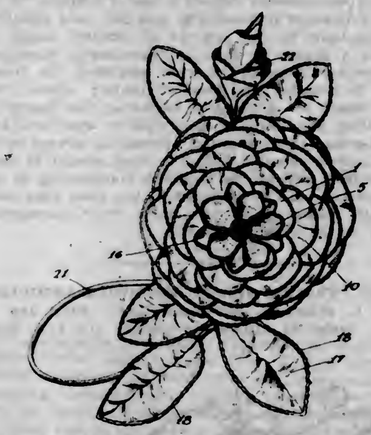
1,568,858. REBOUND CHECK. NORRIS F. McNAUGHT, Chicago, Ill. Filed Dec. 29, 1923. Serial No. 683,847. 9 Claims. (Cl. 267—10.)

1. In a rebound check, the combination with a spring retracted drum, a strap coiled on the drum and having one end secured thereto, a stationary curved friction plate adjacent to the drum, the strap passing from the drum over the friction plate and having its free end adapted for attachment to a vehicle axle, whereby when said free end is released the strap is wound on the drum by the operation of the spring and when the free end is withdrawn the strap is unwound from the drum and pulled over the friction plate against the tension of the spring to thereby absorb the energy of the rebound of the axle, of means for regulating the friction engagement of the strap on the friction plate during the rebound comprising a pin in contact with the outer face of the strap at a point adjacent to its travel over the



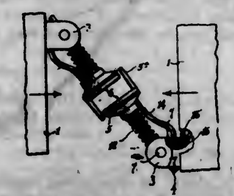
friction plate, an eccentric mounting therefor, suitable markings designating the angular positon of the pin, and means for locking the pin in adjusted position, substantially as described.

1,568,859. ARTIFICIAL FLOWER. GUADALUPE ROBAN, Los Angeles, Calif. Filed July 22, 1925. Serial No. 45,219. 13 Claims. (Cl. 41—13.)



1. An artificial flower formed of ribbon having wire on the edge thereof, the wire and ribbon being bent and crimped to simulate petals.

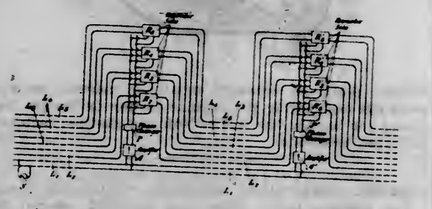
1,568,860. AUTOMATIC AIR-HOSE COUPLING. WALTER J. SPENCER, Dallas, Tex. Filed Feb. 7, 1925. Serial No. 7,691. 4 Claims. (Cl. 284—5.)



1. In an automatic hose coupling for railway cars having the standard air brake line in which is included a valve, comprising in combination coupling means connected for horizontal swinging movement to the ends of each car and disposed diagonally between adjacent cars, means for conducting air from the valve through

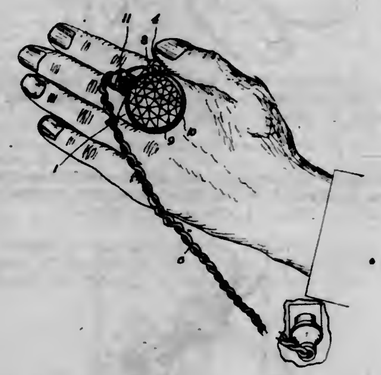
the coupling means, means operably connecting the coupling means to the valve to cause opening of the valve simultaneously with the engagement of the coupling means, and resiliently controlled stop means for limiting the swinging movement of the coupling means and for causing closing of the valve upon the uncoupling of the coupling means.

1,568,861. **REPEATER CIRCUIT.** HERMAN A. AFFEL, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed July 2, 1921. Serial No. 482,182. 8 Claims. (Cl. 179—170.)



1. In a transmission circuit, a line, a plurality of 22 repeaters arranged in tandem in said line, said repeaters being separated by line sections of sufficient length to introduce a change of phase in transmission thereover, each repeater including separate amplifiers for transmitting in opposite directions, alternating current controlled means for alternately rendering the oppositely transmitting amplifiers of each repeater operative, and means for supplying controlling alternating current waves to the tandem repeater sets of a given circuit in such phase relation that all the amplifiers transmitting in the same direction will be operated in the same time relation with respect to a voice wave train successively arriving at the repeater points.

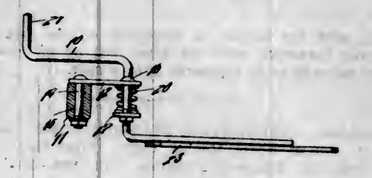
1,568,862. **TRAFFIC SIGNAL FOR MOTOR VEHICLES.** DELL L. ALBRIGHT, Hollywood, Calif. Filed Jan. 4, 1923. Serial No. 610,600. 4 Claims. (Cl. 177—329.)



1. In a traffic signal, a supporting means attachable to the first and second fingers of an operator, an electric light socket supported by said means, a switch connected to the supporting means, adapted to be operated by the operator's thumb, a wire bent in the form of a loop and having extended ends secured to the socket, a flange secured to the loop and a glass positioned therein over the end of the socket.

2. A traffic signal comprising in combination a securing element adapted to encircle a plurality of fingers of a hand, an electric lamp socket attached to said securing element and positioned to extend parallel to the fingers, an electric bulb in the socket, a loop formed of wire having a pair of ends extending parallel to the socket, means securing said ends to the socket, a flange secured to the loop, a glass held in the flange away from the lamp whereby the light from the lamp may illuminate a person's hand and be transmitted through the glass.

1,568,863. **SIGNAL.** ERNEST TAYLOR ATWELL, Independence, Mo. Filed Mar. 10, 1924. Serial No. 698,259. 2 Claims. (Cl. 116—51.)



1. A direction signal for vehicles comprising a rotatably mounted crank arm having one end located within convenient reach of the vehicle driver, a signal device at the opposite end of said arm designed to be moved to an active or an inactive position by rotation of the crank arm, spaced plates including a stationary plate and a relatively movable plate, both of said plates having openings therein for the passage of said arm, an annular flange secured to the arm and bearing against the inner face of the relatively movable plate, a washer bearing against the inner face of the stationary plate, a spring surrounding the arm between the flange and washer, and adjusting belts secured to the plates whereby the relatively movable plate may be adjusted to frictionally hold the arm against accidental movement.

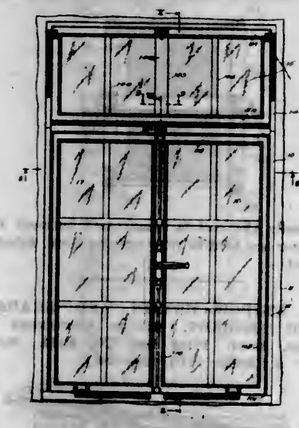
1,568,864. **METHOD OF PICTORIAL REPRODUCTION.** HERMAN BAHR, Little Falls, N. Y. Filed Aug. 1, 1922. Serial No. 578,885. 5 Claims. (Cl. 101—115.)



1. A method of simulating a hand-painted pictorial design, which consists in forming an original design, creating a foraminous stencil therefrom, forming cut-out stencils from said foraminous stencil, and coloring predetermined portions of the design with a desirable tint by said cut-out stencils.

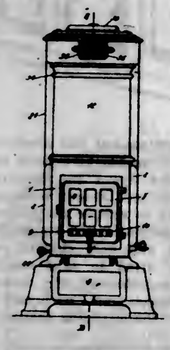
1,568,865. **CASEMENT WINDOW.** SIDNEY U. BARR, Brooklyn, N. Y. Filed Nov. 25, 1922. Serial No. 603,210. 6 Claims. (Cl. 189—60.)

1. In a casement window of the character described, a frame provided with a jamb, said jamb being formed with a plurality of shoulders arranged in different planes and inclined sections extending from one of the shoulders for directing water to a discharge point, and windows formed with sashes having shoulder members adapted to engage



the shoulders on said jamb, and a plurality of drip flanges overhanging said inclined sections, said shoulders on said sashes being spaced from said inclined sections.

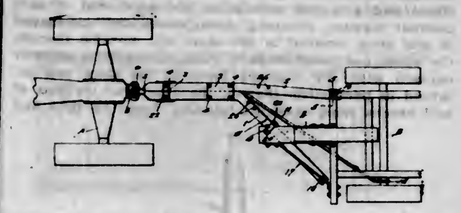
1,568,866. **HEATING STOVE.** GEORGES BARAULT, Brussels, Belgium. Filed July 25, 1924. Serial No. 728,206. 6 Claims. (Cl. 126—68.)



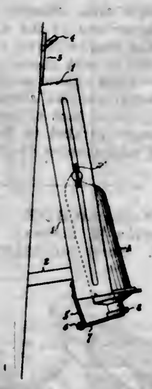
1. In a heating stove a fire-box, the said fire-box being provided with controlled air-inlets and with a permanent air-inlet, a grate in the said fire-box, a fuel chamber arranged above the fire-box, means for admitting air above the fuel chamber, a high recuperating device arranged at the rear of the fuel chamber the said device being provided with a draught connection and being separated from the fuel chamber by an air passage, whereby the air admitted above the fuel chamber is conducted at the upper rear end of the fire-box to achieve the combustion of the gases escaping from the fire-box at the lower end of the heat recuperating device.

1,568,867. **TRACTOR HITCH.** CARLOS A. BARRY, Sutherland, Iowa. Filed Nov. 21, 1924. Serial No. 751,371. 6 Claims. (Cl. 280—33.44.)

1. In combination with a tractor and an implement, a frame having one end supported on the tractor and its other end attached to the implement, the rear part of the frame extending at an angle so that the implement will not track the tractor and a draw bar and draft bar connecting the implement with the tractor and taking the entire pulling strain.



1,568,868. **SUPPORT FOR COLLAPSIBLE CONTAINER TUBES.** BEN CLIFFORD BLACKMON, Dallas, Tex. Filed June 30, 1925. Serial No. 40,558. 2 Claims. (Cl. 221—60.)



2. A collapsible tube holder comprising in combination a body formed from a single piece of sheet metal including a bottom, upturned sides and lower end walls projecting therefrom and attaching portions continuing from the upper end of the bottom, legs projecting from the lower end of said bottom, the lower end wall being recessed and adapted to receive the neck of a collapsible tube, when the tube is placed upon the bottom of said body, a manually operable tube engaging and collapsing key mounted within the side wall of said body, a bracket secured to and extending from the lower end of said body, an arm pivotally connected to said bracket for swinging movement transversely of the mouth of the tube and a relatively small plate of a diameter sufficient to close the tube carried by the outer end of the swinging arm and adapted to be removably held against the mouth of the tube substantially as and for the purpose set forth.

1,568,869. **CLAMPING CHUCK.** HEINRICH BOHS, Bonn, Germany. Filed Mar. 28, 1925. Serial No. 19,161. 1 Claim. (Cl. 279—64.)

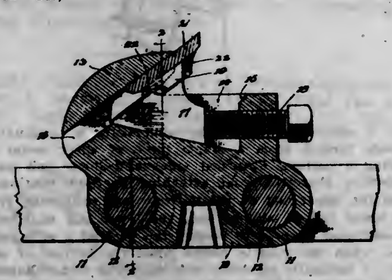
A clamping chuck for drills and the like comprising in combination, a mandrel having radial slots formed in the tool receiving end thereof, each of said slots having their upper and lower faces converging and arranged in parallelism, an adjusting sleeve rotatably engaged over and adjustable with respect to said mandrel having an internal annular chamber therein, the upper end of said chamber being downwardly and outwardly inclined and the lower end of the chamber being open, an annulus engaged in the open lower end of the sleeve closing the

lower portion of said internal chamber, the inner face of such annulus being downwardly and outwardly inclined and arranged parallel to the upper end of said internal chamber, clamping cheeks correspondingly shaped to said slots received in the same and movable therein, the upper and lower faces of these cheeks being slidably engaged with the adjacent faces of the slots and arranged in parallelism thereto, the upper end portions of said cheeks being extended laterally from the slots and



formed with oblique faces slidably engageable with and parallel to the upper end of the annular chamber, and laterally positioned longitudinally extending feet on the outer sides of each of said cheeks arranged beyond and without the outer sides of said slots and received in portions of the internal annular chamber in the adjusting sleeve, the outer ends of each of said feet being obliquely formed and arranged parallel to the inclined surface of the inner side of said annulus and being slidably engageable thereover.

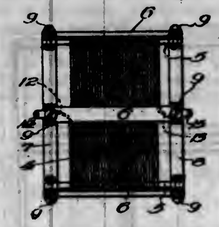
1,568,870. MINING-MACHINE CHAIN LINK AND TOOTH. NEWTON K. BOWMAN, Bowdil, Ohio. Filed Dec. 15, 1921. Serial No. 522,577. 12 Claims. (Cl. 262—33.)



1. In a mining machine, a pivoted chain link, a cutting tooth inclined forwardly upon the link at an angle to the longitudinal axis thereof, and means extending beneath the inner end face of the tooth sustaining the tooth against inward thrust and clamping the tooth in a position normally having its working end touching a plane passing substantially midway between the pivot points of the link at a right angle to said axis.

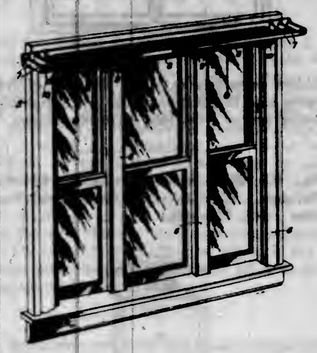
1,568,871. CONSTRUCTION FOR INDUCTANCES. THOMAS H. BRENNAN, Chicago, Ill. Filed Aug. 17, 1925. Serial No. 50,553. 2 Claims. (Cl. 175—359.)

1. A coil support comprising a plurality of relatively thin and narrow bars of dielectric material on which the coil is mounted, a pair of rings of dielectric material of substantially the same diameter as the coil, said rings being mounted on said bars adjacent to each end of the coil, a plurality of bars of dielectric material positioned on said coil opposite said first mentioned bars, notches formed in the inner and outer faces of the end rings at the positions of the end portions of the bars permitting the opposing faces of the bars to approach sufficiently close together to compress the convolutions of the coil between them, and bolts extending through said bars and



rings, whereby the coil is compressed between the bars and the latter are held in true circular form, substantially as described.

1,568,872. WINDOW-CURTAIN AND SHADE SUPPORTING BRACKET. MILTON OSTRANDER BRIGGS, Muscatine, Iowa. Filed Dec. 20, 1924. Serial No. 757,231. 8 Claims. (Cl. 156—24.)



1. A combined curtain-rod and shade-roller supporting bracket of angular form having a main body section with horizontally extended sleeve and article-supporting portions at bottom and top thereof respectively, said body portion being slotted to receive the journal or reeling-pin of a shade-roller and said article-supporting portion being adapted to receive and hold curtain rods, an angular member extensibly fitted in said sleeve and a screw adapted to pass therethrough for securing the bracket in place upon a window frame with said angular member in engagement with the moulding thereof.

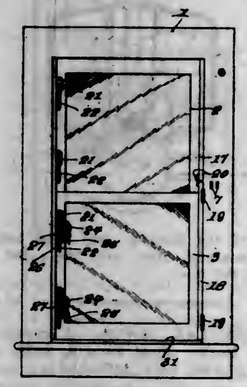
1,568,873. METHOD OF MANUFACTURING ARTIFICIAL ABRASIVES. CLARENCE J. BROCKBANK, Philadelphia, Pa., assignor to Abrasive Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 11, 1920. Serial No. 409,661. 7 Claims. (Cl. 204—63.)

1. The method of producing crystalline alumina substantially free from impurities, which consists in fusing an aluminous ore with a reducing agent and boric acid, and separating the fused alumina from the reduction products.

1,568,874. WINDOW CONSTRUCTION. ROYSTON CABANISS, Atlanta, Ga. Filed June 6, 1924. Serial No. 718,884. 1 Claim. (Cl. 20—46.)

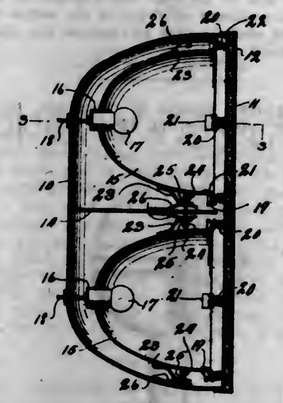
The combination with a frame and a sliding sash, and the sash holding bead on one side of the frame comprising an upper face and a lower hinged section, of

spaced sockets on the opposite vertical bead of the frame, plates having offset and depending pintles fixed on the frame and designed to be received in the sockets, when the sash is lowered, flexible elements connected



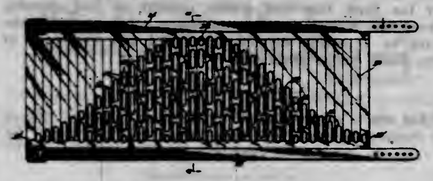
with the plates, pins carried by said flexible elements, and said pintles having apertures therethrough designed for the reception of the pins and to rest on the sockets when the sash has been partly raised to permit of the lateral swinging of the sash when the hinged bead section is swung to open position.

1,568,875. HEADLIGHT FOR AUTOMOBILES. ROBERT G. CAMBLIN, Bartlesville, Okla., assignor of one-half to Anthony R. Edmondson, Bartlesville, Okla. Filed Nov. 8, 1924. Serial No. 748,732. 4 Claims. (Cl. 240—41.)



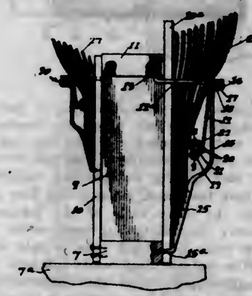
1. In a headlight for automobiles, a housing, a reflector mounted within the housing and having a lamp, the reflector having outwardly and longitudinally projecting ears, resilient clips mounted upon the housing and having longitudinally extending slots, and screws passing through the ears and through said slots and engaging the wall of the housing to thereby support the reflector in spaced relation to the housing and in adjusted position therein.

1,568,876. CYLINDRICAL PROTRACTOR. NELSON I. CAMPBELL and ABRAHAM M. HERSHMAN, Los Angeles, Calif. Filed Sept. 4, 1924. Serial No. 735,821. 11 Claims. (Cl. 33—75.)



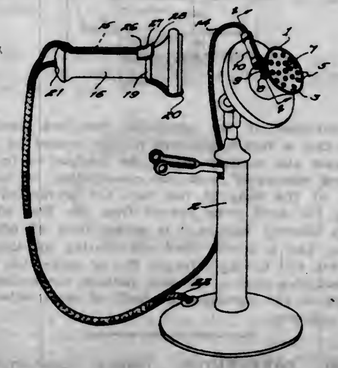
1. A cylindrical protractor comprising a sheet of material having curves thereon which are developments of lines produced by the intersections of a cylinder with planes at various angles to the axis of said cylinder.

1,568,877. BAG RACK. LEMUEL J. CAYWOOD, Monterey Park, Calif. Filed Mar. 10, 1924. Serial No. 698,042. 12 Claims. (Cl. 101—212.)



7. A bag rack comprising in combination a backing member, a front inclined member adapted to arrange a series of bags held in the rack in echelon, and a printing device held in the rack and pressing against the outermost bag to print each bag in succession as it is withdrawn through the widest part of the rack.

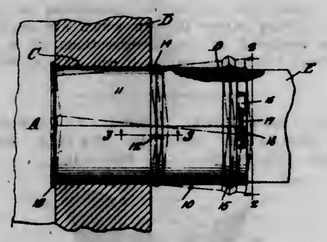
1,568,878. COVER. JAMES G. CHAMBERS, Montreal, Quebec, Canada. Filed Dec. 29, 1924. Serial No. 758,768. 4 Claims. (Cl. 179—188.)



1. In combination with a telephone, of a means for closing the speaking tube thereof, comprising a fixed apertured disk in the mouth of the speaking tube, a second apertured disk pivotally secured to the fixed disk,

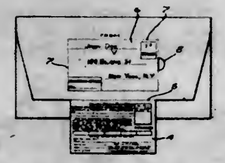
an arm thereon extending through the side of the speaking tube, spring means influencing the arm in one direction to turn the last mentioned disk to bring the apertures thereof in alignment with the apertures of the fixed disk, and means secured on and operable from the receiver of the telephone for influencing the arm in a second direction to bring the apertures of the disks out of alignment.

1,568,879. STOVEPIPE THIMBLE. EDWIN BRYAN CHRISTIAN, Wallace, Idaho. Filed May 27, 1925. Serial No. 38,250. 2 Claims. (Cl. 126—314.)



1. A stove pipe thimble comprising a pair of similar semi-cylindrical sections pivotally connected intermediate their ends whereby the sections may be contracted at one end to facilitate insertion within a flue opening, said end having outstanding flanges adapted to engage against the inner wall of the flue, and means connected with the other ends of the sections for effecting movement thereof toward each other to expand the first named ends the outer ends of said sections being formed with outstanding beads adapted to receive and conformingly engage upon the outstanding bead of a stove pipe section whereby to effect a clamping action thereon.

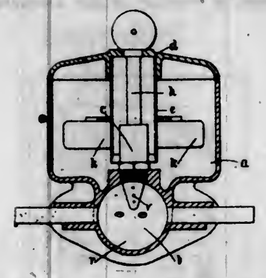
1,568,880. ENVELOPE. VERNON A. CONKLIN, Belmar, N. J., assignor of one-half to Henry A. Wilson, New York, N. Y. Filed May 3, 1924. Serial No. 710,904. 1 Claim. (Cl. 229—70.)



An envelope of the character described having a closure flap, a return postcard receipt defined by perforated lines and entirely within the confines of the flap, said card removable from and constituting an integral portion of the body of the flap, the perforated lines defining the card being spaced from the free edge of the flap whereby said card is spaced from all edges of the flap, and a second card constituting an extension of the flap and having a fragile line of connection therewith, said flap having adhesive thereon for securing to the body of the envelope and both of said cards being free of adhesive.

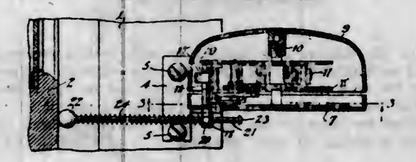
1,568,881. CARBURETOR. GEORGE CONSTANTINESCO, Weybridge, England. Filed Feb. 7, 1922. Serial No. 534,749. 1 Claim. (Cl. 261—62.)

In a down flow carburetor, a mixing chamber into which the fuel is discharged through an orifice, a throttle turning about a horizontal axis arranged vertically below said orifice, and a conical hood covering said orifice and extending into the mixing chamber to a point close



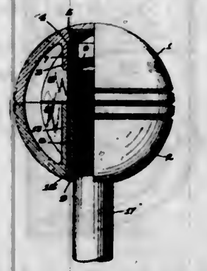
to the axis of the throttle, said hood having an air inlet and a mixture outlet with the outlet of greater capacity than the inlet.

1,568,882. BURGLAR ALARM. ANTHONY E. COYNE, New York, N. Y. Filed June 6, 1925. Serial No. 35,324. 2 Claims. (Cl. 116—91.)



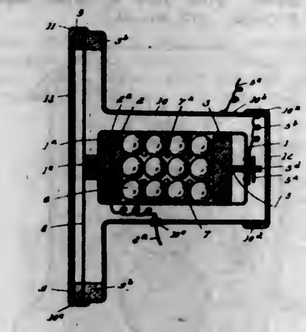
2. A burglar alarm including a bell, a shaft projecting from the bell and adapted when in one position to hold the clapper of the bell against movement, a rod movably connected to the shaft located at right angles thereto, said rod adapted to engage a sash, a spring holding said rod in engagement with the sash to prevent turning movement of the shaft, and means for securing the bell to the sash not engaged by the rod so that upon movement of either of the sashes the rod will cause the shaft to turn and release the clapper of the bell to sound an alarm.

1,568,883. KNOB. ERNEST G. DANIELSON, San Francisco, Calif. Filed July 14, 1925. Serial No. 43,471. 4 Claims. (Cl. 74—33.)



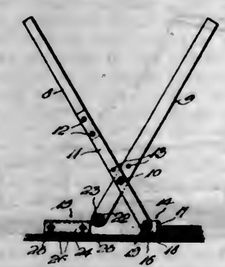
1. A knob comprising a cup-shaped member, a hollow member having internal threads, said hollow member being secured centrally within said cup-shaped member and projecting therefrom, and a cup-shaped member having a central opening adapted to receive said hollow member, said cup-shaped members being formed of synthetic resin molding material and held together by spinning the edge of said hollow member over the edge of said central opening.

1,568,884. MICROPHONE. LEOPOLD DARIMONT, Brussels, Belgium. Filed Oct. 4, 1924. Serial No. 741,661. 2 Claims. (Cl. 179—122.)



1. In a microphone, the combination with a suitable container, and poles arranged at opposite ends thereof, of a plurality of large balls placed directly between said poles and forming constant contacts between them, a plurality of small balls or grains placed in the interstices between said large balls and freely movable therein, and suitable connections to any desired telephonic circuit, substantially as set forth.

1,568,885. BOARD-FORCING TOOL. EDGAR C. DERBY, Moberly, Mo. Filed Aug. 27, 1925. Serial No. 52,907. 2 Claims. (Cl. 254—15.)



1. A board-shifting tool comprising a pair of crossed levers whose upper ends are exposed to be gripped by hand, said levers being fulcrumed together at their crossing point, one of said levers having parallel furcations between which the other lever passes, a shoe having a web portion straddled by the free ends of said furcations, a pivot passing through said furcations and said web portion, another shoe having spaced lugs between which an end of the other lever is received, and another pivot passing through said lugs and the intervening lever end, one of said shoes having antislipping teeth, the other being adapted to engage a board to be forced toward a previously laid board.

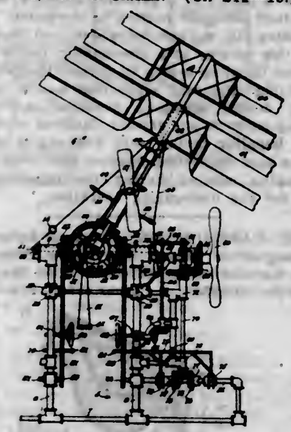
1,568,886. METHOD OF HEATING MATERIAL AT SUCCESSIVELY DIFFERENT TEMPERATURES. ARTHUR MCDOUGALL DUCKHAM and JOHN STANLEY MORGAN, London, England, assignors to Thermal Industrial and Chemical (T. I. C.) Research Company Limited, London, England, a British Company. Filed Aug. 9, 1921. Serial No. 491,021. 2 Claims. (Cl. 196—92.)

1. A process of heating a material at successively different temperatures for the purpose of fractionally vaporizing constituents thereof, which consists in causing the material to travel between a solid surface immersed in a bath of molten metal and a surface of the molten metal, removing the constituents volatilised by



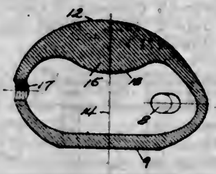
the treatment, and causing the unvolatilised portions of the material to travel between another such solid surface and a surface of molten metal and to acquire a different temperature at each passage.

1,568,887. MEANS FOR MAINTAINING THE EQUILIBRIUM OF FLYING MACHINES. FREDERICK WILLIAM DUPWA, Mexico, Mexico. Filed July 16, 1925. Serial No. 44,003. 3 Claims. (Cl. 244—19.)



1. In a machine of the type described, two right-angularly arranged shafts rigidly joined at their centers, a lifting structure pivotally connected to one shaft, a pendant structure pivotally connected to the second shaft, a vertical shaft journaled in the lifting structure, a drive shaft journaled in the pendant structure, meshing bevel gears loose on the right-angularly arranged shafts, a bevel gear on the vertical shaft meshing with one of the loose bevel gears, and means for operatively connecting the drive shaft with the other of the loose bevel gears.

1,568,888. GOLF CLUB. WILLIAM DUNN, Palo Alto, Calif. Filed Apr. 4, 1925. Serial No. 20,670. 1 Claim. (Cl. 273—77.)



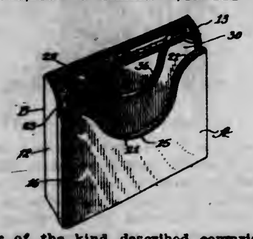
A golf club head comprising a hollow metal body cast as a complete integral structure and having a front striking face, and a rear wall being thickened to constitute a substantial portion of the total weight of said head, the mass of said rear wall being symmetrically disposed with relation to a vertical plane normal to and bisecting said striking face, the remainder of the walls of said head being relatively lighter in construction compared to said rear wall.

1,568,889. RETAINER CLIP. AXEL S. ELIASSON, New York, N. Y. Filed June 29, 1925. Serial No. 40,351. 7 Claims. (Cl. 24—11.)



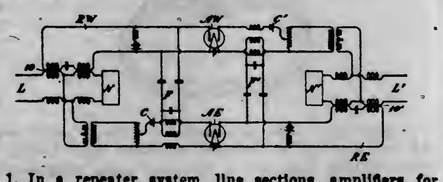
2. A retaining clip comprising holding means by virtue of which an instrumentality is releasably held, a supporting member, supporting means by virtue of which the retaining clip is supported in connection with a portion of a pocket of a garment, impaling means which impales itself into said portion of the pocket for holding the retaining clip against being detached from said portion of the pocket, and disengaging means for disengaging the impaling means to permit the detachment of the retaining clip, said supporting means consisting of relatively flexible clamping members carried by said supporting member, one of said clamping members carrying said impaling means, said disengaging means being carried by said supporting member with respect to which the clamping member having the impaling means is movable for the disengaging operation.

1,568,890. CASE HOLDER. LEONARD EMERICH, Elgin, Ill., assignor to Illinois Watch Case Company, Elgin, Ill., a Corporation of Illinois. Filed May 19, 1924. Serial No. 714,258. 9 Claims. (Cl. 224—29.)



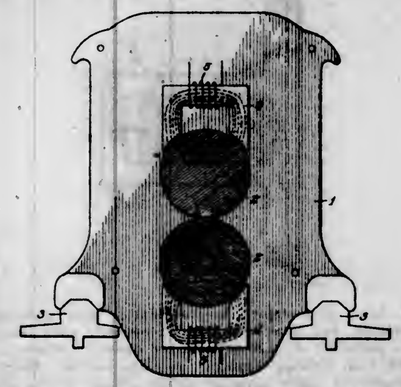
8. A holder of the kind described comprising a box-like structure open only at the top and having in one of its walls an opening for the reception of a fastening device, and a lining fitted within the holder and movable into and out of position therein, the lining serving to conceal the inner face of the opening when positioned within the holder, substantially as described.

1,568,891. REPEATER CIRCUITS. LLOYD ESPENSCHIED, Queens, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed July 2, 1921. Serial No. 482,243. 10 Claims. (Cl. 179—171.)



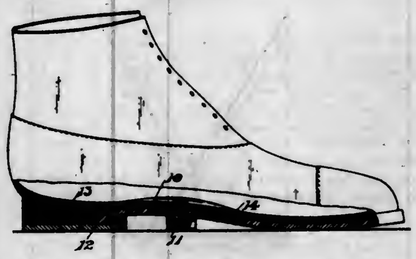
1. In a repeater system, line sections, amplifiers for repeating in opposite directions associated with said line sections, a circuit interconnecting said amplifiers in tandem independently of said line sections, and means to prevent the transmission of audible frequencies over said circuit.

1,568,892. METHOD AND APPARATUS FOR HEATING ROLLS. GORDON FOX, Chicago, Ill., assignor to Freyn Engineering Company, Chicago, Ill., a Corporation of Maine. Filed June 4, 1923. Serial No. 643,197. 3 Claims. (Cl. 80—41.)



1. The method of heating the rolls of a sheet mill, which comprises passing a magnetic flux of rapidly changing magnitude and direction through rolls made of unlaminated magnetic material.

1,568,893. SHOE. MARTIN F. GALLAGHER, San Francisco, Calif. Filed Aug. 15, 1922. Serial No. 581,925. 1 Claim. (Cl. 36—76.)



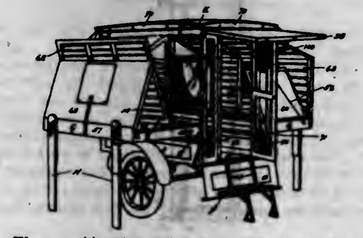
A shoe having a flexible shank portion, a comparatively narrow support member arranged transversely across the bottom of said shank portion and fixed thereto at substantially the center thereof, said support member being of a thickness whereby it will remain out of contact with the ground except when said shank portion is depressed.

1,568,894. CORSET, GIRDLE, AND THE LIKE. CHARLES F. LITTLEJOHN and JULIUS E. LIPSHITZ, New Haven, Conn. Filed June 20, 1924. Serial No. 721,357. 1 Claim. (Cl. 2—38.)



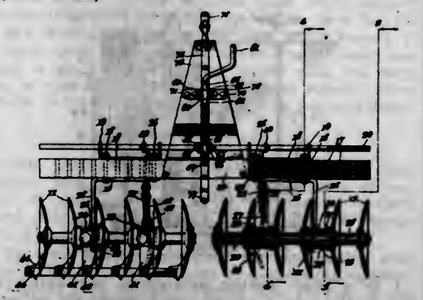
In a corset having an adjustable front, fastening means therefor comprising a single member composed of a plurality of united parallel strips, a series of studs arranged in columns carried by said strips, a pocket formed in one end of the corset to receive and retain said member, means for engaging said studs, a supporting strip for the latter means and a pocket formed in the other end of the corset to receive and retain said supporting strip.

1,568,895. BUNGALOW TRAILER. FRANCIS P. LYONS, Manchester, N. H., assignor to Gardner W. Pearson, trustee, Lowell, Mass. Filed Feb. 23, 1921. Serial No. 447,121. 7 Claims. (Cl. 296—23.)



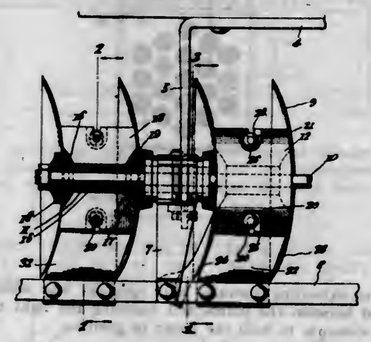
1. The combination with a trailer having a tongue, a support therefor, two wheels and a substantially rectangular body comprising a floor, parallel sides, a front, and a tail board which swings down; of a covering which includes telescopic corner posts detachably attached at the corners of the trailer body, means to lock each post in a plurality of positions, a semi-rigid top connected to the corner posts by pivot joints; two detachable folding box bays one on each side, each adapted to fold into a vertical position inside a side of the trailer and to swing up and out to a horizontal position, each including a floor frame, three semi-rigid side walls and a semi-rigid top wall, all adapted to fold on such floor frame; slidable pivot connections for each box bay detachable from the trailer sides; supporting cords between each bay and a corner post; extensible legs attached to the outside edge of each bed frame adapted to be folded thereon when the bed frame is folded and to be extended therefrom to the ground when unfolded; a door frame and door hung from the back of the trailer top and adapted to swing up thereunder; a front folding box bay adapted to fold into the front of the trailer including a floor frame, three semi-rigid side walls foldable thereon and a top wall therefor; suitable fastening means for holding the various parts in position when folded and unfolded; steps adapted to hook on the tail board and to extend it in such manner as to support the back of the trailer; and weather strips adapted to make tight the joints between the outside walls.

1,568,896. DISK HARROW. AUGUSTA POSTELLE MCKAY, Rome, Ga., assignor to Towers & Sullivan Manufacturing Co., Rome, Ga., a Corporation of Georgia. Filed Oct. 20, 1924. Serial No. 744,730. 5 Claims. (Cl. 55—81.)



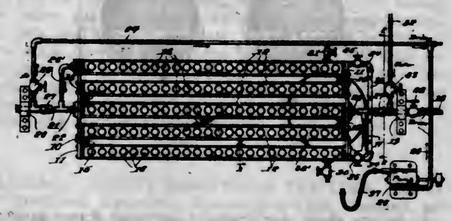
1. A harrow comprising a frame, a supporting yoke adjustable transversely of the frame, and having a pivotal movement about the frame in a substantially vertical direction, means for holding said yoke in various positions of angular adjustment, a disk gang supported pivotally in one portion of said yoke and slidably in the other portion of the yoke, and means on the frame coupled to said gang for sliding the same along the yoke.

1,568,897. COMBINATION WEIGHT AND DEPTH GAUGE. AUGUSTA POSTELLE MCKAY, Rome, Ga., assignor to Towers & Sullivan Manufacturing Co., Rome, Ga., a Corporation of Georgia. Filed Apr. 28, 1925. Serial No. 26,458. 4 Claims. (Cl. 55—30.)



1. In a harrow having spaced discs with a spacing stool therebetween, a weight cylinder composed of a plurality of sections fitting about said spacing spool and between said discs, and means to removably unite the sections of the weight cylinder.

1,568,898. REFRIGERATING APPARATUS. CHARLES MCNAIR, Jackson, Miss., assignor, by direct and mesne assignments, to The Hawmack Manufacturing Company, Jackson, Miss. Filed Feb. 18, 1925. Serial No. 10,113. 2 Claims. (Cl. 62—114.)

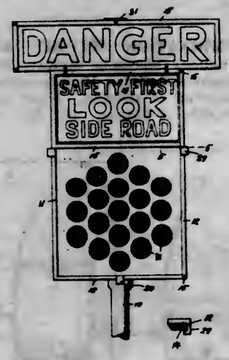


2. A machine for making frozen confections comprising end members, a plurality of horizontally spaced separate freezing units removably secured between the end members, each unit comprising a vertically disposed elongated freezing compartment and separate containers within each compartment, means providing communication between the compartments, means to introduce a freezing solution within the compartments to act upon the contents of the containers, means for pivotally supporting the casing to position the freezing compartments in vertically spaced relation, means to successively supply a softening liquid to the freezing compartments to release the contents of the containers and means to indicate the introduction of the softening liquid within each of the compartments.

1,568,899. SIGN. ISAAC MERCER, Benton, and ED MERCER, West Frankfort, Ill. Filed May 29, 1926. Serial No. 33,739. 1 Claim. (Cl. 40—125.)

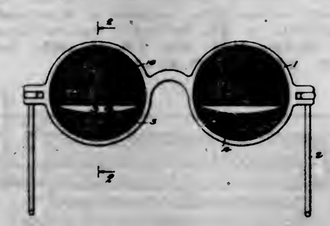
A sign comprising a support, a frame mounted thereon, separate panels mounted in said frame, one of said

panels including spaced plates, one of which is provided with a plurality of openings, light reflecting ele-



ments extending through said openings and means located between the plates and engaging the light reflecting elements to hold the latter in position.

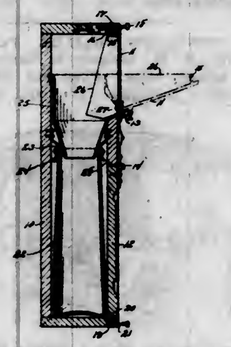
1,568,900. EYESHADE. HERBERT A. METCALF, New York, N. Y. Filed July 28, 1922, Serial No. 578,124. Renewed Nov. 12, 1924. 2 Claims. (Cl. 2—14.)



1. An eye shade, comprising a spectacle frame having a pair of lens receiving rings, each of said rings having an interior annular groove and a disk of translucent celluloid fitted into each of said grooves, each of said disks being provided with a cut at the center shaped as a segment of a circle and extending from near one side to near the opposite side, the part above the cut being pressed outwardly to form a hood arc-shaped in cross section with the bottom thereof spaced an appreciable distance from the upper edge of the lower part of the disk the said lower part of the disk being flat.

1,568,901. RECEIVER. EDWIN M. MICKEY, Gormania, W. Va. Filed June 15, 1925. Serial No. 37,302. 1 Claim. (Cl. 220—17.)

A device of the character described comprising a casing having upper and lower door openings, a door for each opening, latch means for each door, a refuse receiving receptacle arranged within the casing and capable of being placed therein or removed therefrom through the lowermost door opening, a funnel shaped member arranged within the casing and partly received by said receptacle and adapted to direct the refuse into the receptacle, and the door for said upper open-



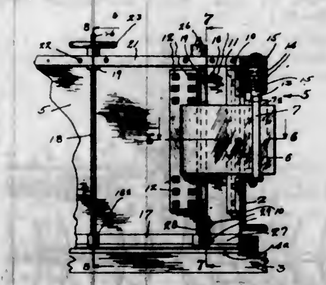
ing being designed to form a chute partly received by said funnel shaped member as and for the purpose specified.

1,568,902. BRAKE SLACK ADJUSTER FOR RAILWAY AND LIKE VEHICLES. JOHN MITCHELL and JOHN CECIL GEORGE COSSEY, London, England. Filed Jan. 19, 1925. Serial No. 3,501. 5 Claims. (Cl. 188—198.)



1. A brake slack adjuster comprising a pull rod divided into two parts, a slotted and internally toothed segment interposed between said parts and connected to one part, a pin on the other of the parts of said pull rod, said pin being adapted to engage a tooth of said segment, and thereby take up any slack in the brake gear, and means for retarding, during the return of the brake gear to the "off" position, the movement of the part of the pull rod connected to the brake relatively to the movement of the part connected to the toothed segment.

1,568,903. SLICE FOR PAPER-MAKING MACHINES. CHARLES WHITNEY MORDEN, West Linn, Oreg. Filed June 6, 1923. Serial No. 643,794. 5 Claims. (Cl. 92—44.)

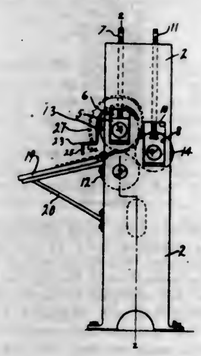


1. In a paper making machine, in combination with two deckle frames spaced apart, relatively adjustable towards and from each other, and a slice supported between them, said slice consisting of a main part of lesser length than the space between said deckle frames in one of their adjustments, a removable complementary filling piece carried by one end of said main part to make the length of the slice correspond with said space, that end of the slice to which said complementary piece is affixed being provided at approximately its middle with an arm extending across the complementary piece to the adjacent deckle frame and constituting an element for supporting such end of the slice by that deckle frame.

1,568,904. PROCESS FOR REFINING HYDROCARBON OILS. JACQUE C. MORRELL, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a Corporation of South Dakota. Filed Apr. 27, 1923. Serial No. 635,124. 3 Claims. (Cl. 196—33.)

1. Steps in a process of refining hydrocarbon oils, comprising subjecting the oil separately and individually to the action of sulphuric acid and caustic soda containing litharge, and subsequent to the subjection of the oil to the action of caustic soda containing litharge, adding sulphur dioxide to assist in the refining reaction.

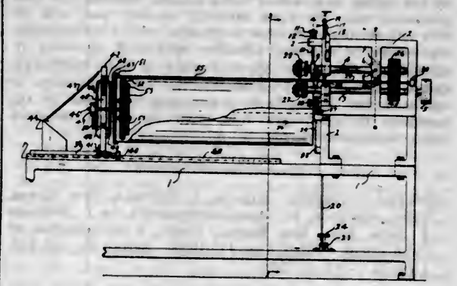
1,568,905. APPARATUS FOR ROLLING SHEET-METAL PIPE. MURDO JOHN MUNRO, Hamilton, Ontario, Canada, assignor of one-half to George Robert Petrie, Burlington, Canada. Filed July 5, 1924. Serial No. 724,415. 1 Claim. (Cl. 153—54.)



In apparatus for rolling sheet metal pipe, the combination with the frame of the apparatus, and the rolls mounted therein, of a stock supporting table supported by the frame and inclined downwardly and forwardly from the entrance to the rolls, an apron rigidly secured upon the frame and forming a protecting cover for the top and front of the upper roll, said apron formed at its lower front edge with a forwardly disposed step located in front of the entrance to the rolls, the front flange of said step extending into spaced relation above the table to form a gap between the table and said flange.

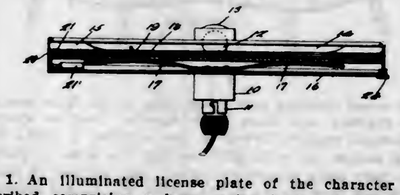
1,568,906. PIPE-MAKING APPARATUS. MURDO JOHN MUNRO, Hamilton, Ontario, Canada, assignor of one-half to George Robert Petrie, Burlington, Canada. Filed July 5, 1924. Serial No. 724,416. 3 Claims. (Cl. 153—9.)

1. In pipe beading apparatus, the combination with the main frame of the apparatus, of co-operating rotatable pipe beading rolls mounted therein and adapted to engage the inner and outer faces respectively of a pipe to be beaded, means for rotatably supporting the pipe substantially parallel with the axes of the rolls, a lever pivotally mounted upon the frame for oscillation about an axis parallel to that of the beading rolls, a guide



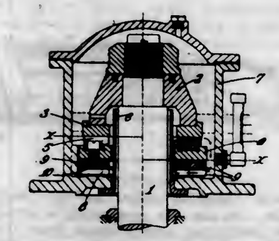
roller carried by the lever and adapted to engage the inner face of the pipe adjacent to the corresponding beading roll, and positioning means for said lever.

1,568,907. LIGHTED PLATE. JACOB MYTKO, Depew, N. Y. Filed July 17, 1925. Serial No. 44,274. 2 Claims. (Cl. 40—132.)



1. An illuminated license plate of the character described comprising a lamp casing having a tail lamp positioned upon its forward end, a transversely disposed elongated compartment arranged upon the under side of and having communication with the said lamp casing, a license plate positioned within the said compartment, a lens for the license plate, spring fingers positioned upon the forward side of the compartment rear wall for holding the license plate and lens therefore in a desired position, and means included upon the said rear wall for opening and locking the same in removing and replacing the license plate for the ensuing year.

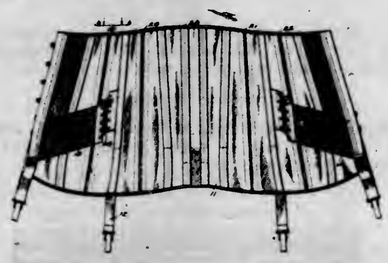
1,568,908. THRUST BEARING OR THE LIKE. HENRY THORNTON NEWBIGIN, Newcastle-on-Tyne, England, assignor to Michell Bearings Limited, London, England. Filed Apr. 4, 1924. Serial No. 704,215. 2 Claims. (Cl. 308—160.)



1. In a thrust bearing for a revolving shaft collar, the combination with a fixed abutment, of a circular row of separate rigid bearing elements to co-operate with a shaft collar, a rigid member carrying said bearing ele-

ments, a self-contained deformable pressure equalizing device supported directly on the fixed abutment for aligning the bearing elements to the plane of rotation of the collar, said device being located between the fixed abutment and the rigid carrying member and said device comprising a flexible diaphragm and a circumferential series of separate pressure equalizing members attached alternately to opposite sides of said diaphragm thereby forming two circumferential rows, the ends of the members in one row overlapping the ends of the members in the other row, said equalizing members being capable of tilting.

1,568,909. CORSET. SAMUEL J. NEWMAN, New Haven, Conn., assignor, by mesne assignments, to I. Newman & Sons, Inc., New Haven, Conn., a Corporation of Connecticut. Filed Aug. 11, 1922. Serial No. 581,213. 1 Claim. (Cl. 2—26.)

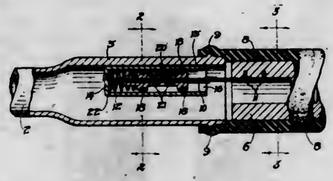


A corset provided with a body open at the front, means for drawing said front edges together, and an elastic abdominal support formed in two sections, a lacing for each section for adjustably securing the same in place, said body being formed with a box plait stitched in place extending from the top to the bottom and located between the lacings of said abdominal support and the front edges of the corset.

1,568,910. CLEANING COMPOUND. THOMAS S. NOGUCHI, New York, N. Y. Filed Sept. 22, 1924. Serial No. 739,208. 3 Claims. (Cl. 87—5.)

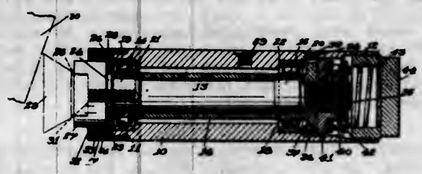
1. A cleaning and polishing compound comprising ground shelled peanuts combined with camphor, in the proportions of two parts of ground shelled peanuts to one of camphor.

1,568,911. SHOCK-ABSORBING DEVICE FOR HANDLE BARS OF MOTOR CYCLES AND THE LIKE. DOUGLAS FRANCIS O'BRIEN, Melbourne, Victoria, Australia. Filed Apr. 23, 1925. Serial No. 25,292. 11 Claims. (Cl. 208—126.)



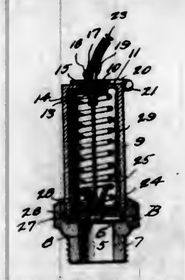
1. A shock absorbing device for the handle bars of motor cycles and the like comprising a spring mounted within and projecting longitudinally from the rear end of the handle bar, and a hand grip comprising an inner metal sleeve mounted on and fastened directly to the rear or projecting portion of said spring and an outer sleeve or casing of flexible material surrounding said inner sleeve.

1,568,912. SURFACING TOOL. GUSTAF A. OLIN, Worcester, Mass. Filed Apr. 25, 1924. Serial No. 708,920. 3 Claims. (Cl. 125—5.)



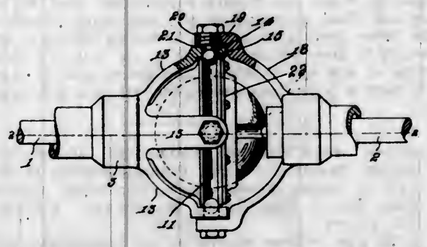
1. A surfacing tool of the character described, comprising a shell, antifriction bearings within the shell, a spindle journaled in said bearings and having one end projecting from the shell to receive a work engaging member, a shouldered portion on the opposite end of the spindle, a thrust bearing cooperating with said shoulder, a cap for the end of the shell proximate to said bearing, and resilient means intermediate the cap and the bearing for yieldingly forcing the bearing against the shouldered portion on the spindle.

1,568,913. COMPRESSION GAUGE. PERLEY L. ORMISTON, Portland, Oreg. Filed Aug. 7, 1924. Serial No. 730,697. 9 Claims. (Cl. 73—111.)



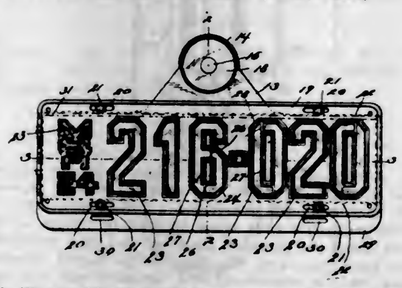
1. A pressure gauge of the class described including a cylinder having a pressure inlet at one end, a piston slidable in the cylinder, yieldable means for normally pressing the piston toward said one end of the cylinder, a resilient flexible bar movable through one end of the cylinder and having one end engaging said piston, a guide carried by the cylinder and cooperating with the bar for flexing the same so that the bar will be frictionally retained in any position to which it is moved by the piston.

1,568,914. UNIVERSAL JOINT. DABNEY P. OWENS, Lake Worth, Fla. Filed July 12, 1924, Serial No. 725,626. Renewed Nov. 9, 1925. 2 Claims. (Cl. 64—91.)



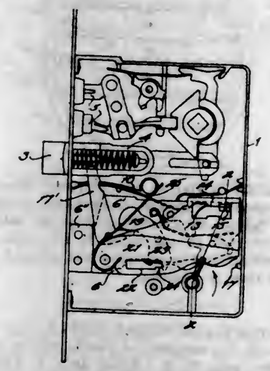
1. The combination with a housed drive shaft and a housed shaft to be driven thereby, of a universal connection between said shafts, comprising a spherical head on the end of the driven shaft having a peripheral annular groove, a socket secured on the end of the drive shaft receiving the head therein, ball members pocketed in the housing and received in the groove of the head, said socket having an outer peripheral groove, the drive shaft housing having rightangularly disposed curved arms arranged over the socket, anti-frictional balls carried by the arms and received in the groove of the socket, means on the ends of two of the oppositely disposed arms holding the balls in the groove, the driven shaft having a pair of oppositely disposed arcuate arms overlying two of the first mentioned arms, means passing through the ends of the said arms connecting the same together and holding the balls in the groove of the socket, all as and for the purpose set forth.

1,568,915. ILLUMINATED LICENSE PLATE. WILLARD M. PARKES, Onaway, Mich. Filed June 6, 1924. Serial No. 718,338. 2 Claims. (Cl. 40—133.)



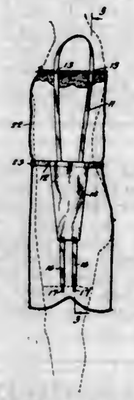
1. The combination with an enclosure having lighting means therein, of a license plate secured thereover and provided with a series of openings defining characters, the openings having outstruck, inwardly beveled marginal walls, and a colored material held against the plate in rear of the said openings, the face of the plate having a distinguishing color applied directly thereto and the outwardly struck, inwardly beveled flanges also having a coloring matter applied directly thereto and positively distinguishable from the coloring of the face of the plate, the face of the plate at the bases of the flanges also having coloring matter applied around the flanges and of the same contour as the latter to set out the characters defined by the openings and flanges in contradistinction to the coloring of the face of the plate.

1,568,916. LOCK. ADOLPH PELZER, Tacoma, Wash. Filed Oct. 11, 1924. Serial No. 743,054. 1 Claim. (Cl. 70—29.)



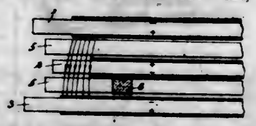
In a lock, a dead bolt, a latch bolt, said dead bolt having a notch therein, a locking member for engaging the notch when the bolt is in projected position, a pair of tumblers on the dead bolt, a key for engaging one tumbler when the key is moved in an anti-clockwise direction to cause said tumbler to move the other tumbler to position where it will force the locking member from the notch so that when the key is moved in an opposite direction it will retract the dead bolt, a projection on the dead bolt, a pivoted lever having an opening therein for engaging the projection, said opening forming a pair of shoulders which act to hold the dead bolt in either its retracted or projected positions, said lever having a key engaging part whereby the key will move the same to release the projection from the shoulders, a lever on the bolt and engaging the latch bolt, a second lever on the bolt and having a part engaging the first lever, a key engaging part on the second lever whereby the key will move the levers to retract the latch bolt, a projection on the second lever, a lever pivoted to the lock casing and having an opening therein for receiving the projection on the second lever, said opening having a restricted part which will receive the projection when the lever has been moved to a certain position by the key to permit movement of the first and second levers by the key.

1,568,917. UNDERGARMENT. ADELINE C. PETERSON, New York, N. Y. Filed Jan. 9, 1924. Serial No. 685,226. 1 Claim. (Cl. 2—73.)



The combination with a woman's undergarment including a waist portion, of a pair of inverted U-shaped shoulder straps disposed upon the inside of the waist portion of the garment, each of said straps having its lower end connected to the waist band of the garment, said straps being connected to the upper edge of the garment, the undergarment being supported by the shoulder straps and providing for a vertical slack in the waist portion of the garment so that when the straps are taut they will relieve the garment body of the strains and stresses exerted on the straps supporting the hose, and hose supporting means connected to the band at points on the band where the free ends of each of the straps are connected to said band.

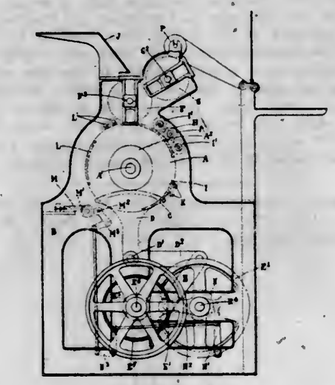
1,568,918. ELECTRIC CONDENSER. EMIL PFIFFNER, Frybourg, Switzerland. Filed Mar. 19, 1923. Serial No. 626,151. 5 Claims. (Cl. 250—41.)



1. An electric condenser consisting of superimposed and parallel connected part-condensers including dielectrics and metal coatings, the metal coating of each dielectric being in intimate contact with the dielectric

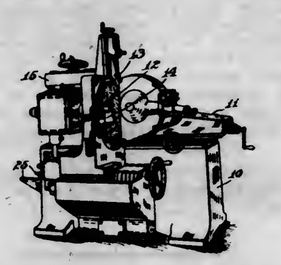
and the coatings of like polarity facing each other, varying in length and arranged a distance apart at least at the margin of the condenser to increase the path between the coatings of unlike polarity at the margins of the condenser.

1,568,919. PRINTING MACHINE. WILLIAM RATCLIFF and HUGH WALLACE, London, England, assignors to The Victory-Kidder Printing Machine Company Limited, Birkenhead, England, a Company of Great Britain. Filed Aug. 27, 1921. Serial No. 496,168. 6 Claims. (Cl. 101—172.)



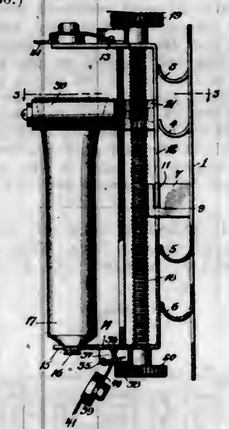
1. In a machine of the class described, a shaft, a cylinder mounted upon the shaft, means to oscillate said cylinder, said cylinder being provided with segmental portions spaced about the cylinder and constituting respectively a printing plate, a damping surface, and an inking surface, a transfer roller, means operable through the oscillation of the cylinder to actuate said transfer roller in a step by step movement of rotation in one direction, and an impression roller against which the transfer roller bears.

1,568,920. BALANCE GRINDING WHEEL. MILTON O. REEVES, Columbus, Ind., assignor, by mesne assignments, to The Heim Grinder Company, Danbury, Conn., a Corporation of Connecticut. Original application filed July 14, 1922, Serial No. 574,873. Divided and this application filed Jan. 11, 1923. Serial No. 611,947. 5 Claims. (Cl. 73—51.)



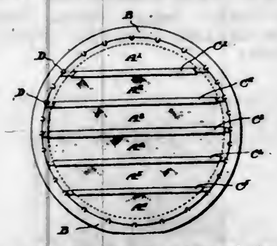
1. A wheel balancing track support for grinding machines comprising a bracket provided at one corner with a corner foot forming a fulcrum for the bracket and a horizontal perforation and a vertically spaced corner formed for engagement by a clamping means, and means to engage said two corners to clamp the same in place and to adjust the bracket to levelism.

1,568,921. TOOTH-PASTE EJECTOR. THOMAS HUGH ROBERTS, Cranford, and HUGH ROBERTS, Garwood, N. J. Filed July 30, 1925. Serial No. 47,102. 3 Claims. (Cl. 221—60.)



1. A tooth paste ejecter, comprising a bracket adapted to be secured to a support, a supporting member provided with apertured ends presenting a forked structure, the apertures in said ends being adapted to receive at different times the threaded discharge end of a collapsible tooth paste tube with the edges of the forked structure fitting into the threads of said threaded end, said supporting member being capable of being connected with said bracket with either end uppermost, a traveling member carried by said supporting member, manually actuated means for causing said traveling member to move back and forth, a pair of squeezing rollers carried by said traveling member and adapted to squeeze said tube as the rollers travel, and means for causing the rollers to rotate as they travel and in proportion to the distance traveled.

1,568,922. DEVICE FOR OBVIATING THE GLARE OF THE HEADLIGHTS OF MOTOR CARS AND OTHER VEHICLES. FRANCIS WILLIAM JAMES ROBINSON, Germiston, Transvaal, South Africa. Filed Jan. 19, 1925. Serial No. 3,512. 3 Claims. (Cl. 240—48.4.)

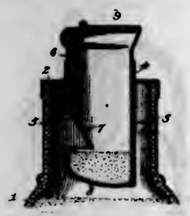


1. A device for obviating the glare of the headlights of vehicles which comprises a skeleton frame having cross strips folded in Z-section, slats of mica having their edges received in the folds of the adjacent cross strips and holding means stamped out of said frame for retaining the slats in position.

1,568,923. SPOUT FOR SUGAR BOWLS. IGNACIO RUIZ, New York, N. Y., assignor of one-fourth to William O. Hahn, New York, N. Y. Filed July 7, 1924. Serial No. 724,707. 2 Claims. (Cl. 221—98.)

1. A spout for sugar bowls and the like, which comprises a cylinder adapted to be inserted through the top

of a container, said cylinder having a closed bottom and a baffle plate bent from the material of the cylinder itself on its lateral wall, the bending of the baffle plate inwardly forming an opening through which the material can be discharged into the cylinder from the container.

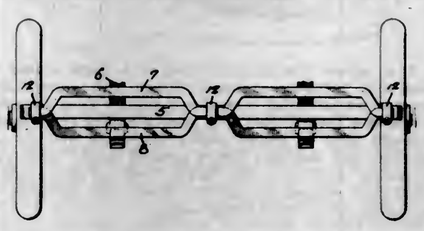


1,568,924. GEM SETTING. AARON SHATKIN, Brooklyn, N. Y. Filed May 31, 1923. Serial No. 642,583. 9 Claims. (Cl. 63—29.)



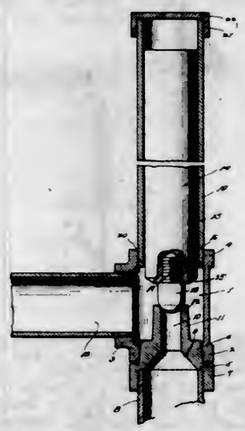
3. In a finger ring, a top-mount gem-setting including a top-mount shell permanently carried by the finger band of the ring, a unitary structure removably receivable by the shell and including a plurality of separable parts relatively adjustable to engage and set the gem on said structure with the structure removed from the shell, the outer mouth of the shell conforming to the outer periphery of the structure, the inner end of the shell having an opening, and an auxiliary device operable by way of such opening and from within the band of the ring, said device and the inner end of said structure having coacting screw threads, whereby turning said device relative to the shell moves said device axially of the shell to set the structure fully within the shell.

1,568,925. AUTOMOBILE BUMPER. SAMUEL H. SHAW, New York, N. Y., assignor to Universal Shock Eliminator, Inc., Long Island City, N. Y., a Corporation of New York. Original application filed Feb. 28, 1921, Serial No. 448,508, Patent 1,431,264, dated Oct. 10, 1922. Divided and this application filed Mar. 25, 1921. Serial No. 455,626. 18 Claims. (Cl. 293—55.)



15. A bumper comprising a plurality of overlapped spring strap metal bars forming the impact member of the bumper, certain of said bars being offset from each other to afford a plurality of impact areas of greater vertical extent than the width of the bars, and certain of said areas of greater extent reaching substantially to the plane of the wheels.

1,568,926. RELEASE VALVE. BERRY V. STOLL, Louisville, Ky. Filed Oct. 26, 1922. Serial No. 597,009. 2 Claims. (Cl. 137—53.)



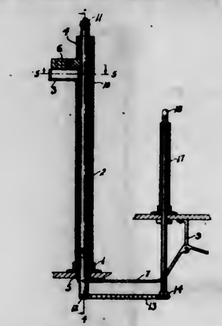
2. A release valve comprising a casing having an inlet and an outlet arranged at substantially right angles to each other and of substantially the same diameter as said casing, a concave valve seat located at the junction of the inlet and outlet, an extension fitted to the casing with its entire lower end open and communicating with the interior of said casing above the valve seat, a solid integral weight-imposing cylindrical member slidably mounted for vertical movement within the extension and substantially filling the open end thereof, said weight-imposing member having its lower end provided with a centrally disposed threaded socket and its lower peripheral edge beveled downwardly and inwardly in the direction of said socket, and a valve head having a threaded shank removably fitted into the socket and having its lower end projecting below the beveled edge of the weight-imposing member and provided with a substantially semi-spherical lower face for engagement with said concave valve seat.

1,568,927. RADIOPLATE BATTERY BOX. LOREN V. STONE and WONSLOW E. BAILEY, Theresa, N. Y. Filed Nov. 21, 1924. Serial No. 751,376. 6 Claims. (Cl. 136—109.)



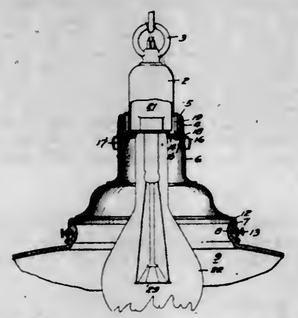
1. A battery box of the character described comprising a box like receptacle having a removable portion and adapted to contain a plurality of dry cells arranged in end to end relation and in rows, with the central terminal of each engaging the bottom of the one next in advance, the arrangement of the cells in the successive rows being reversed, terminal connections at one end of the box against which the two endmost ones of the entire series of cells contact, means at the ends of the box for making electrical contact between the rows of cells, one side of the box being provided with openings, and plate members arranged at intervals within the box and located between successive cells therein, the plate members having reduced extensions projecting through said openings whereby to permit tapping off of different voltages.

1,568,928. SIGNAL. ARTHUR A. SWANSON, Jamestown, N. Y. Filed Nov. 19, 1923, Serial No. 675,690. Renewed June 24, 1925. 2 Claims. (Cl. 116—46.)



1. A signal for a motor vehicle comprising an upright casing, a vertically movable member in said casing, an arm on said member, said casing having a slot therein through which the arm passes, a horizontal casing on the upright casing for receiving the arm when the same is in lowered position and means for raising the arm carrying member when a pedal of the vehicle is depressed.

1,568,929. ELECTRIC-LIGHTING FIXTURE. WHITMAN SYMMES, San Francisco, Calif., assignor to Thomas Day Company, San Francisco, Calif., a Corporation of California. Filed Oct. 20, 1924. Serial No. 744,554. 1 Claim. (Cl. 240—78.)



A lighting fixture comprising a canopy having a body portion and a skirt of larger diameter than the body, connected to the body by a shoulder, an electric lamp socket disposed in said canopy and fitting into said body portion, a depending holder of increasing diameter downwardly, an inturned flange on the upper end of the holder, a shoulder on said flange, a ring engaging said shoulder, a shoulder on the ring against which the lower end of the skirt bears, bolts extending through said flange and shoulder and securing the holder to the canopy and a bowl of non-transparent translucent material attached to and depending from the lower end of the holder, the body of the bowl being of greater diameter than the lower end of the holder.

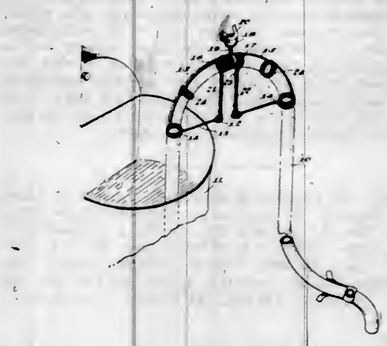
1,568,930. BED LAMP. WHITMAN SYMMES and WALTER HANSCHEN, San Francisco, Calif., assignors to Thomas Day Company, San Francisco, Calif., a Corporation of California. Filed May 11, 1925. Serial No. 29,281. 1 Claim. (Cl. 240—52.)

A bed lamp comprising a vertical frame having a downwardly bent upper portion, a lamp unit supported at the end of said portion, a downwardly directed hooking member on the vertical part of said frame for engaging the upper edge of the bed frame, an upwardly



directed hooking member for engaging the lower edge of the bed frame, and a coil spring connecting said latter hooking member with the lower end of said vertical frame.

1,568,931. SIPHON-TUBE HOLDER. DAVIS EBENEZER THOMAS, Tampa, Fla. Filed Mar. 2, 1925. Serial No. 12,754. 3 Claims. (Cl. 248—29.)



3. A siphon tube holder formed of a single strand of wire and including an upper curved arch portion and lower arms extending toward one another from the ends of the arch portion, said arch portion having transversely disposed coils at spaced points therealong and an upstanding eye, and also having parallel spaced apart and depending loops, said arms having terminal eyes at their inner ends engaged through the lower ends or bights of said loops to provide bracing means.

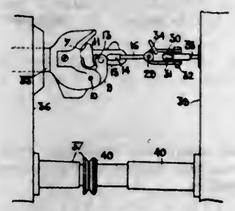
1,568,932. RUPTURE PAD. STEPHEN O. TRESCOTT, Battle Mountain, Nev. Filed Aug. 10, 1923. Serial No. 656,675. 4 Claims. (Cl. 128—117.)

1. A rupture pad comprising a rigid cup-like member, a pliable pad, resilient means for mounting the pad in the open side of the cup-like member, and a supplemental pad carried by said first mentioned pad and adapted to



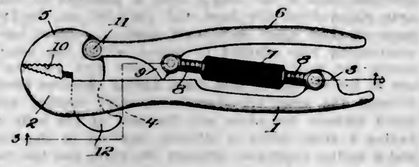
exert pressure at a point within the confines of the first mentioned pad to move the same inwardly of the cup-like member.

1,568,933. TRANSITION COUPLING DEVICE. GEORGE AUGUSTUS RODERICK TRIMMING, Lucknow, British India. Filed Mar. 19, 1925. Serial No. 16,758. 6 Claims. (Cl. 213—112.)



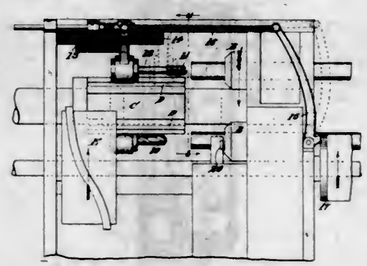
1. A transition locking device and apparatus for use in combination with an automatic car coupler provided with the well-known movable knuckle having a hub, said transition locking device comprising a closing face adapted to engage said hub, a guide-face for guiding the locking portion of the locking device into locking position relative to said knuckle, a projection intermediate said faces adapted to enter a depression in the body portion of said automatic coupler and means operable from the outside of the automatic coupler to release said knuckle from its locked position and thereby effect uncoupling of the coupling members.

1,568,934. WRENCH. WILLIAM C. TULL and ROY J. BRISTOL, Stanton, Nebr., assignors to Vera Biedinger, Joseph Lampe, Gordon B. Butterfield, and George H. Tatge, all of Norfolk, Nebr. Filed Feb. 15, 1924. Serial No. 693,063. 1 Claim. (Cl. 81—79.)



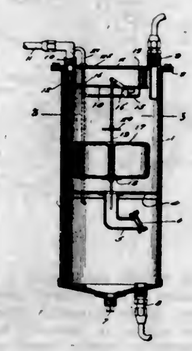
A wrench comprising a handle having an integral jaw at its forward end and an enlargement on its inner side at its rear end and also having a slot slightly in rear of said jaw, a second jaw having a hook-like arm disposed and movable in the said slot, a handle pivotally connected to the second-named jaw and extending rearwardly therefrom in spaced relation to the first-named handle and having an intermediate enlargement at its inner side, a link rod pivotally connected to the rear enlargement on the first-named handle, a link rod pivotally connected to the enlargement on the other handle; said link rods reversely threaded, and a nut having reversely threaded sockets receiving and engaging said rods.

1,568,935. MULTIPLE-SPINDLE SCREW MACHINE. PHILLIP A. UDALL, Stockton, Calif., assignor, by mesne assignments, to Caterpillar Tractor Co., a Corporation of California. Filed Dec. 18, 1919. Serial No. 345,833. 2 Claims. (Cl. 29—37.)



1. In a multiple spindle screw machine, a tool slide, a plurality of drills carried thereby, cam means for actuating the tool slide and moving said drills in unison into engagement with their respective blanks, a second tool slide mounted independently of the first mentioned slide, a reamer carried by the second mentioned slide, and cam means for feeding the second slide forwardly at a different speed from that of the first mentioned slide, said reamer being held in operative position with a blank while said drills are in operation.

1,568,936. FUEL-FEED SYSTEM. HENRY WATERSTONE, Montgomery, W. Va. Filed Dec. 16, 1922. Serial No. 607,428. 1 Claim. (Cl. 103—236.)

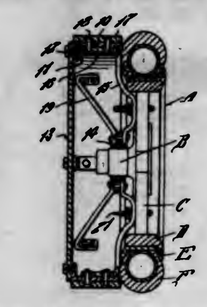


In a vacuum tank, a yoke-shaped frame connected with the cover thereof and having an opening in one limb thereof, a lever pivoted in said opening, a valve at one end of said lever, a spring engaging the other end of the lever and the cover for holding the valve closed, a bell crank pivoted on the frame and engaging the lever adjacent its spring end, a rod connected with the bell crank lever and having projections thereon and a float on the rod for engaging the projections.

1,568,937. AUXILIARY VEHICLE WHEEL. JOHN J. ZWALSH, Cleveland, Ohio. Filed Nov. 11, 1924. Serial No. 749,292. 3 Claims. (Cl. 301—40.)

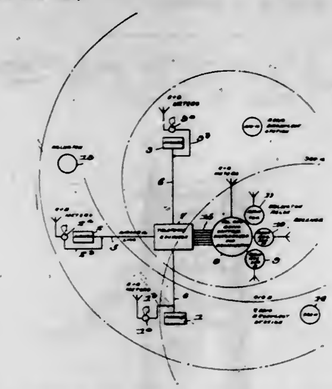
1. Means for securing an auxiliary wheel upon a vehicle wheel of the spoke type, the auxiliary wheel having spokes, comprising plate members disposed against the spokes of the auxiliary wheel and formed

with slots at one end, U-shaped members pivotally connected at one end with said plate members and having their other ends formed with threaded extensions, said



U-shaped member being embracingly engaged about the spokes of the vehicle wheel with the threaded extensions passing through the slots, and nuts on said extensions for effecting a clamping action.

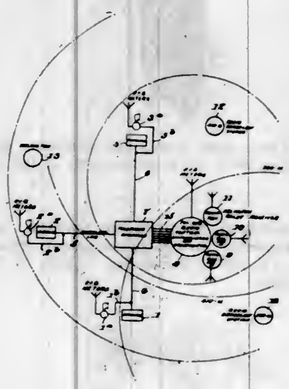
1,568,938. SYSTEM OF RADIO BROADCAST DISTRIBUTION. EDWARD E. CLEMENT, Washington, D. C. Filed July 14, 1924. Serial No. 726,021. 13 Claims. (Cl. 179—2.)



1. A broadcasting system comprising a plurality of primary stations, means at the primary stations for supplying high frequency carrier waves of different frequencies, means at each station to modulate its carrier by an intermediate frequency carrier itself modulated in accordance with a signal, the frequency of the intermediate carrier being the same for each primary station, a secondary station having receiving means tunable to the different primary frequencies, means at the secondary station to demodulate the received doubly modulated carrier wave so as to produce the modulated intermediate frequency wave, and means at the station to retransmit the modulated intermediate frequency.

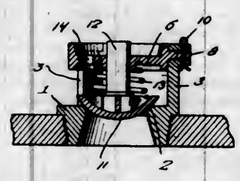
1,568,939. SYSTEM FOR RADIO BROADCAST DISTRIBUTION. EDWARD E. CLEMENT, Washington, D. C., assignor to Edward F. Colladay, Washington, D. C. Continuation of application Serial No. 581,829, filed Aug. 14, 1922, Patent No. 1,522,357, dated Jan. 6, 1925. This application filed Dec. 12, 1924. Serial No. 755,574. 9 Claims. (Cl. 250—6.)

1. A broadcast distributing system comprising a plurality of substations, a central station, a wire line connecting each substation with the central station, a radio broadcast transmitter at the central station, a radio receiver at each substation, and radio control



means at each substation controlled from the central station over the line connection for rendering the radio receiver inoperative.

1,568,940. VALVE. BENJAMIN F. DOOLEY, Port Arthur, Tex. Filed Sept. 18, 1924. Serial No. 738,521. 1 Claim. (Cl. 251—144.)

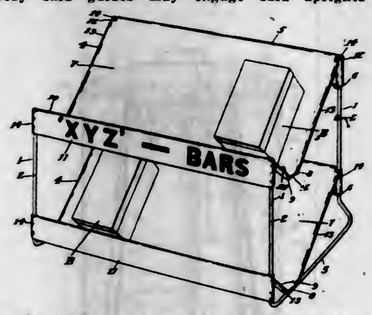


A valve structure comprising a body having a base provided with a port and a seat, a plurality of standards rising from the base and provided on the inner faces of their upper ends with notches, a plate having outstanding lugs adapted to engage within the notches, means for positively fixing the plate with relation to one of the standards, said plate having openings passing through the same transversely, a valve member interposed between the plate and the base of the body and having a stem which is slidably received in the plate, and a spring interposed between the plate and the valve member.

1,568,941. DISPLAY STAND. FRANCIS WINANS GIBSON, West Roxbury, Mass., assignor to H. D. Beach Company, Coshocton, Ohio, a Corporation of Ohio. Filed May 12, 1924. Serial No. 712,608. 5 Claims. (Cl. 211—24.)

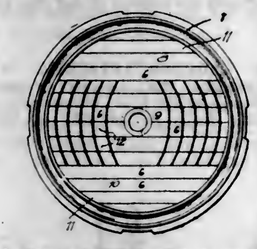
1. In a collapsible display stand, a pair of detachable spaced U-shaped end uprights of substantially the same size each comprising spaced substantially vertical front and rear shelf guide and supporting portions, and an intermediate substantially horizontal connecting floor-engaging portion; and a series of spaced superposed shelves slidably mounted on said end uprights, each shelf being bent upon

itself at its end edges to provide tubular guides and also being downturned adjacent its front and rear edges whereby said guides may engage said uprights and



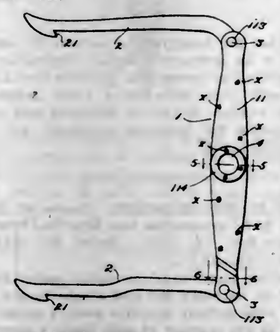
means for limiting the downward sliding travel of the shelves on said end uprights whereby to insure proper relative spacement of the shelves in the series.

1,568,942. HEADLIGHT REFLECTOR. REUBEN HALEY, Beaver, Pa. Filed Sept. 24, 1921. Serial No. 503,030. 1 Claim. (Cl. 240—41.)



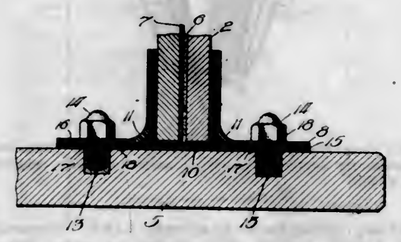
A pressed glass reflector having a smooth parabolic inner surface, an outer mirrored surface, the entire area of which is formed by a plurality of light-diffusing faces, including upper and lower zones of horizontally extending flat reflecting faces running from edge to edge of the reflector and a middle zone sub-divided horizontally and vertically so as to form a plurality of flat, substantially rectangular reflecting faces, and attaching means formed integrally with said reflector.

1,568,943. DOBBY FOR LOOMS. EUGENE C. AMADEN, Allston, Boston, Mass., assignor to The Stafford Company, Boston, Mass., a Corporation of Massachusetts. Filed Apr. 5, 1922. Serial No. 549,785. 2 Claims. (Cl. 139—74.)



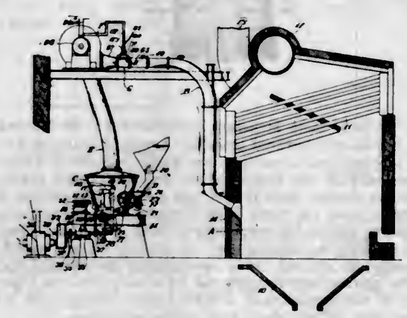
1. The combination with a dobby jack-lever having a pair of bearings spaced apart to receive the butt of a hook between them, of a hook constituted by a stamping of sheet-metal formed with a hole through its butt, and a pivot pin fitting said hole with a tight driving fit, and thereby securely affixed to the hook, and with its ends projecting at opposite sides of the hook and working in said bearings.

1,568,944. ANCHOR BETWEEN VITREOUS SLABS ARRANGED AT AN ANGLE TO EACH OTHER. DANIEL S. BEEBE, Chicago, Ill., assignor to The Vitrolite Company, Parkersburg, W. Va., a Corporation of West Virginia. Filed May 25, 1925. Serial No. 32,610. 10 Claims. (Cl. 72—101.)



1. In combination, a wall lying at right angles to and engaged with a second wall, the first wall having an element extending along the second wall from the juncture, a member fitted into the corner between said walls and overlying said element, and fastening means extending through said member and said element and into said second wall.

1,568,945. APPARATUS FOR PULVERIZING AND FEEDING FUEL TO FURNACES. LARS H. BERGMAN, Chicago, Ill., assignor to Raymond Bros. Engineering Co., Chicago, Ill., a Corporation of Illinois. Filed Apr. 17, 1924. Serial No. 707,308. 14 Claims. (Cl. 110—104.)

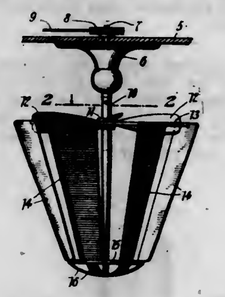


5. The combination with a furnace for burning pulverized fuel, a mill for pulverizing the fuel, a conduit, and means for propelling the fuel in suspension in an air current through the conduit directly from the mill to the furnace; of means operative automatically when the fuel propelling means is de-energized for shutting off communication between the furnace and the mill.

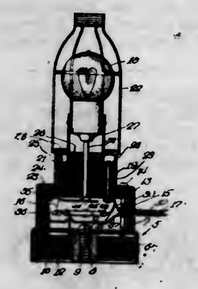
1,568,946. ELECTRIC-FAN BLADE. ARNOLD GENERICH, New York, N. Y., assignor to Abraham Bebel, New York, N. Y. Filed Jan. 7, 1925. Serial No. 964. 3 Claims. (Cl. 230—1.)

1. A power driven rotary fan having a plurality of radial paddle shaped blades, a ring or rings at the extremities of the blades, a plurality of arcuately curved

longitudinal vanes fixed to the ring or rings, said vanes being attached at their curved advancing edges and disposed tangentially and convergingly at their ends, and a pendantly supported shaft connected to their converging ends.



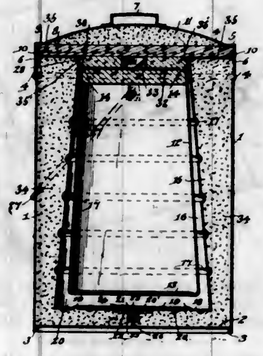
1,568,947. PORTABLE ELECTRIC LAMP. FREDERICK B. LITTLE, Chicago, Ill., assignor, by mesne assignments, to Orin B. Brown, St. Louis, Mo. Filed Nov. 15, 1920. Serial No. 424,165. 1 Claim. (Cl. 173—341.)



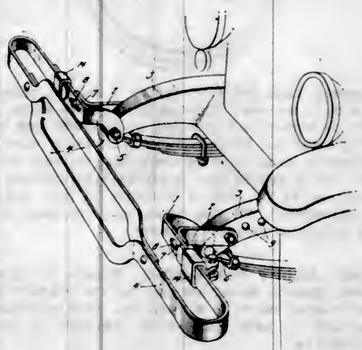
A portable lamp structure comprising an electro-magnet, a two-step terraced block of insulating material having a cylindrical opening in its larger end closed by the electro-magnet, the upper wall or step being much thicker than the annular wall around said opening and smaller in diameter than the lower step over which is adapted to be slipped a sleeve for supporting a lamp guard, the lower step serving as a stop for the sleeve, screws passing through the annular ledge surrounding the smaller step of the terrace and through the lower step into the upper wall of the magnet, and a lamp socket mounted on the upper step of the block and within said sleeve.

1,568,948. SHIPPING OR STORAGE RECEPTACLE OF THE VACUUM TYPE. EUGENE A. ROBB, Leavittsburg, Ohio. Filed Mar. 22, 1924. Serial No. 701,076. 5 Claims. (Cl. 220—9.)

1. A receptacle comprising a body portion, a tapering intermediate container arranged therein and spaced therefrom, a packing of insulation interposed between said container and said body portion, a tapering inner container connected with and suspended from the upper portion of said intermediate container, said inner container of less height and of less diameter than said intermediate container and providing therebetween a vacuum chamber, a flanged closure element extending inwardly from said body portion and seated on said intermediate container, a closure plug of two different diameters common to said element and said inner container, said plug provided in its top with a pocket and means arranged therein to facilitate the removal of the plug from closure position.



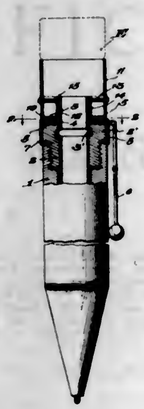
1,568,949. BUMPER ATTACHER. WILLIAM A. STARCK, Milwaukee, Wis., assignor, by mesne assignments, to George Albert Lyon, Philadelphia, Pa. Filed May 9, 1921. Serial No. 467,895. 40 Claims. (Cl. 293—55.)



1. An attacher for fastening an automobile bumper to the side bar of an automobile frame comprising a pair of arms adapted to be fastened to the side bar, a portion of each of said arms lying in a plane substantially parallel to the bumper, means for fastening said arms together, and means for fastening a bumper bar to one of said attaching arms.

1,568,950. CLIP FOR PENCILS. DAVID M. BALLOU, Providence, R. I., assignor to Rex Mfg. Co., Providence, R. I. Filed Feb. 14, 1925. Serial No. 9,137. 11 Claims. (Cl. 24—11.)

1. In a writing instrument, an outer casing having a plug threaded in its outer end and a tube in the plug, a clip having a substantially ring-like head, a collar on the plug received in the opening of said head, a ferrule having inturned end edges one of which is clamped between the casing end and plug and the other of which is engaged over said head to hold same onto the plug and a sleeve seated on the outer edge of the ferrule and having a part engaged with the tube, the adjacent edge of the tube being extended at an angle and engaged with said part of the tube.

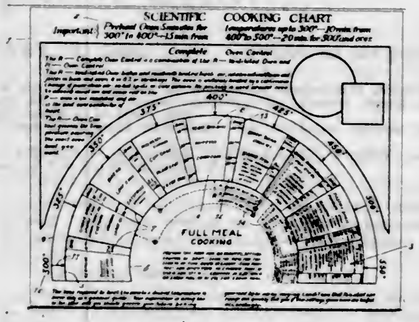


1,568,951. MECHANICALLY-OPERATED LEAD PENCIL. DAVID M. BALLOU, Mansfield, Mass., assignor to Rex Manufacturing Co., Providence, R. I., a Corporation of Rhode Island. Filed July 14, 1925. Serial No. 43,589. 10 Claims. (Cl. 120—18.)



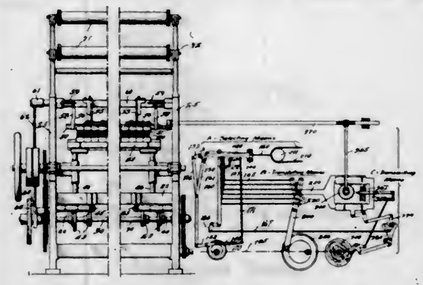
1. In a mechanically-operated pencil, a lead carrier, an ejector, a rotatable worm member for feeding both said carrier and ejector, a collar notched to receive the worm engaging portion of said carrier when expelled from the worm, a spring for pressing the collar to ride against the end of the worm and adapted to yield and permit said collar to recede and so permit both said carrier and ejector to be yieldingly pressed beyond the end of the worm to permit the worm to continue its rotation after both the carrier and ejector have reached the end of their feeding strokes.

1,568,952. COOKING CHART. WATSON E. DERWENT, Rockford, Ill., assignor to Geo. D. Roper Corporation, Rockford, Ill., a Corporation of Illinois. Filed Sept. 5, 1925. Serial No. 54,635. 5 Claims. (Cl. 283—1.)



1. In a cooking chart, a table of foods arranged in an arc and divided radially into sections, each section having an assigned temperature referring to that to be maintained in an oven, and lists of foods in the separate sections arranged in radial columns, all of the foods in a section being capable of preparation in an oven at the same temperature.

1,568,953. STRAIGHT-FRAME KNITTING MACHINE. LOUIS HIRSCH, Weehawken, and HANS ZAHN, Union, N. J. Filed Apr. 5, 1924. Serial No. 704,399. 18 Claims. (Cl. 66—33).



1. In a knitting machine having a traversing bar to control the knitting, independent selecting means, in combination with operating mechanism connected between the bar and said independent means and adapted to give the bar varied lengths of movement positively in either longitudinal direction; said independent means selecting all the movements of the operating mechanism.

Patents Nos. 1,568,954 to 1,569,845.

THE OFFICIAL GAZETTE OF THE United States Patent Office.

Vol. 342—No. 2. TUESDAY, JANUARY 12, 1926. Price—$5 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $5.00 per annum; single numbers, 10 cents each.

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T M. Renewals	51		
Labels	5—No.	29,752 to No.	29,756, inclusive.
Prints	13—No.	8,490 to No.	8,502, inclusive.
Reissues	8—No.	16,246 to No.	16,253, inclusive.
Designs	51—No.	60,196 to No.	60,246, inclusive.
Patents	892—No.	1,568,954 to No.	1,569,845, inclusive.
Total	1,282		

Changes in Classification.

Order No. 2,941, December 23, 1925, provides:

In *class 20, Wooden Buildings* (Division 33), establish the following subclasses and definitions, the patents contained in subclass 1.6 having been taken for the most part from various subclasses in class 211, Store Furniture, and those contained in subclass 1.7 having been taken for the most part from class 211, Store Furniture, subclass 8, Cabinets, Delivering:

Buildings

1.6 Stores
1.7 Self-service.

1.6. BUILDING, STORES. Buildings, booths and stands having arrangements of counters, shelves, cash desks, and the like to facilitate the sale and dispensing of wares.

Note.—For construction of counters, bins, and shelving per se see class 211, Store Furniture. For tables see class 45, Furniture.

1.7. BUILDING, STORES, SELF SERVICE. Stores having arrangements of entrances, exits, passageways, counters, and the like to facilitate self-service.

Note.—See classes 45, Furniture, subclass 26, Tables, Self-waiting, and 186, Store Service, subclass 1, Dining-room service.

In *class 211, Store Furniture* (Division 8), abolish the following subclass, the patents formerly contained therein having been placed for the most part in class 223, Apparel Apparatus, subclasses 18.1–18.8, indented under Garment forms, and subclass 61, Garment hangers, and the subclasses indented thereunder, all established in this order:

13 Display forms.

In *class 223, Apparel Apparatus* (Division 24), abolish the following subclass, the patents formerly contained therein having been placed for the most part in class 223, Apparel Apparatus, subclass 20.3, Putting on and removing garments, Stockings from forms, established in this order:

18.5 Putting on and stripping stockings from forms.

In *class 223, Apparel Apparatus* (Division 24), establish the following subclasses, the patents contained in subclasses 18.1–18.8 and subclasses 61–68 having been taken for the most part from class 211, Store Furniture, subclasses 13, Display forms, abolished in this order, and 24, Display stands; those contained in subclass 20.2 having been taken for the most part from class 45, Furniture, subclass 13, Hat and coat racks; and those contained in subclass 20.3 having been taken for the most part from class 223, Apparel Apparatus, subclass 18.5, Putting on and stripping stockings from forms, abolished in this order:

Garment forms

18.1 Display
18.2 Inflatable,
18.3 Limbs,
18.4 Neckwear,
18.6 Stays and form retainers,
18.8 Stands, pedestals, and bases.
61 **Garment hangers**
62 Combined type
63 Foldable,
64 Coat type
65 Foldable,
66 Sheet material,
67 Skirt or trousers
68 With clamp.
20.2 **Putting on and removing garments.**
20.3 Stockings from forms.

Interference Notice.

U. S. Patent Office, *Washington, Dec. 30, 1925.*

George F. Johnstone, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Lynn L. Bunnell, Main and Maple Avenues, Norwood, Cincinnati, Ohio, for registration of a trade-mark and trade-mark registered April 13, 1915, No. 103,815, to George F. Johnstone, 3527 Fourteenth Street NW., Washington, D. C., and a notice of such declaration sent by registered mail to said Johnstone, at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Johnstone, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

Condition of Applications Under Examination at Close of Business December 31, 9125.

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 41,614; Trade-Mark Division, 1,838. Oldest new case, July 2, 1925; oldest amended, July 7, 1925. The dates given are 1925.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Harrows and Diggers; Plant Husbandry; Plows; Planting; Scattering Unloaders.	Oct. 8	Oct. 13	571
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Sept. 8	Aug. 12	591
331	3. RICH, WM. J., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 2	Nov. 2	537
234	4. MERRITT, A. D., Conveyers, Chutes, Skids, Guides, and Ways; Conveyers, Fluid Current; Conveyers, Power Driven; Excavating; Handling—Hand and Hoist-Line Implements; Material or Article Handling; Pushing and Pulling Implements; Traversing Hoists.	Nov. 1	Oct. 1	543
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording and Reproducing; Tying Cords or Strands.	July 31	Aug. 7	813
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Hides, Skins and Leather; Sugar and Starch; Concentrating Evaporators.	Oct. 1	Oct. 1	1,035
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Oct. 7	Oct. 7	781
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Oct. 9	Oct. 5	1,211
221	9. TRYON, F. M., Air and Gas Pumps; Hydraulic Motors; Injectors and Ejectors; Motors, Fluid; Motors, Fluid Current; Pumps.	Sept. 21	Sept. 24	625
118	10. HUNTER, O. F. (Acting), Motor Vehicles; Land Vehicles—Animal Draft Appliances, Bodies and Tops, Dumping.	Sept. 1	Sept. 15	1,057
148*	11. ARMSTRONG, H. C., Boot and Shoe Making; Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whips and Whip Apparatus; Cutting and Punching Sheets and Bars; Driven, Headed, and Screw-Threaded Fastenings.	Oct. 2	Oct. 1	807
380	12. PIERCE, P. P., Machine Elements	Sept. 8	Sept. 17	707
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning.	Sept. 5	Sept. 8	731
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Sept. 3	Sept. 12	912
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Oct. 6	Oct. 14	684
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Aug. 8	Aug. 28	959
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Oct. 2	Sept. 29	390
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Aug. 3	Aug. 4	768
246	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Sept. 4	Oct. 9	546
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches, Safes, Undertaking	Oct. 6	Oct. 8	731
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Sept. 14	Sept. 14	472
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms; Ordnance; Ammunition and Explosive Devices; Ammunition and Explosive-Charge Making; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Oct. 12	Oct. 27	431
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	July 23	Aug. 14	354
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Nov. 2	Nov. 4	413
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Oct. 6	Oct. 3	729
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	July 22	July 9	724
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Nov. 3	Nov. 2	507
225	28. BENSON, A. R., Internal-Combustion Engines	Nov. 2	Nov. 2	704
160*	29. MORRIS, B. N., Abrading; Boring and Drilling; Button Making; Chucks or Sockets; Coopering; Tool-Handle Fastenings; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	July 2	July 7	1,075
248	30. SULLIVAN, M. R., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Oct. 1	Oct. 5	916
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Nov. 2	Nov. 2	668
249	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Aug. 12	Aug. 15	635
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Nov. 4	Oct. 26	638
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways; Railway Rolling Stock; Railway Switches and Signals; Railways, Surface Track; Railway Wheels and Axles; Store Service; Track Sanders; Vehicle Fenders.	Aug. 5	Aug. 15	666
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Oct. 1	Oct. 14	602
105	36. MORTON, O. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Aug. 6	Sept. 2	1,147
224*	37. TAYLOR, E. C., Electricity, Circuit Makers and Breakers	Sept. 8	Sept. 1	841
145	38. IDE, G. R., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	July 27	July 25	915
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Oct. 3	Oct. 20	445
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Cloth, Leather, and Rubber Receptacles; Deposit and Collection Receptacles; Metallic Receptacles; Package and Article Carriers; Paper Receptacles; Special Receptacles and Packages; Wooden Receptacles.	Sept. 21	Sept. 15	1,190
125	41. BROWN, J. I., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Oct. 1	Oct. 1	415
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	July 30	July 30	1,244
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Oct. 3	Oct. 7	798
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	July 8	July 1	876
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Sept. 21	Sept. 21	618
233	46. WOLCOTT, C. L., Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Oct. 2	Oct. 1	606
264	47. BARKER, H., Brakes; Clutches and Power-Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Sept. 1	Sept. 1	1,243
213*	48. ROEPKE, O. B., Electricity, Conductors; Electricity, General Applications	July 22	July 20	1,618
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Pneumatics; Velocipedes; Driers; Liquid Separation or Purification	Sept. 4	Sept. 29	699
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Sept. 2	Sept. 2	1,187
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission; Electric Lamps	Aug. 6	Aug. 7	1,635
144	52. MORGAN, E. T., Supports; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings.	Oct. 23	Oct. 28	540
241*	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Oct. 1	Oct. 10	725
102	DESIGNS: C. O. MARKHAM (Acting)	Dec 7	Dec. 11	339
163	TRADE-MARKS, LABELS, AND PRINTS: T. L. MEAD, Jr. (Trade-Marks	Dec. 1	Dec. 16	1,743
	(Labels and Prints	Dec. 8	Dec. 19	95

*Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decision.

EX PARTE CAMERON.

Decided August 25, 1925.

1. RULE 133—GROUNDS OF REJECTION.

Rule 133 does not specify each particular class of cases that is appealable, but the rule is intended to be illustrative only.

2. SAME—SAME—"INOPERATIVENESS OF INVENTION"—SPECIFICATION INSUFFICIENT TO MEET REQUIREMENTS OF SECTION 4888, REVISED STATUTES.

Where appeal was taken from the action of the Examiner finally rejecting the claims on the ground that the application was defective in that it failed to comply with the statutory requirements that it be in such clear, concise, and exact terms as to enable anyone skilled in the art to make and use the device, *Held* that under rule 133 the question involved was one of "inoperativeness of invention" or the question whether the specification sets forth a structure that will support the claims and whether the claims can be predicated upon such disclosure in an operable sense.

3. APPEAL TO EXAMINERS IN CHIEF—SPECIFICATION SUFFICIENT TO MEET REQUIREMENTS OF SECTION 4888, REVISED STATUTES.

After an application has been given a filing date and has been examined by the Primary Examiner and by him finally rejected on the ground of lack of such full, clear, concise, and exact terms as are required by section 4888, Revised Statutes, appeal lies to the Examiners in Chief from such final rejection.

ON PETITION.

Mr. John Cameron for himself.

ROBERTSON, *Commissioner:*

Applicant petitions for relief from the action of the Examiners in Chief in dismissing his appeal on the ground of lack of jurisdiction.

This case has been pending for a long time. It has had numerous actions, and it is apparent from the record that the applicant, who is prosecuting his own case, is not familiar with patent law and procedure.

The Examiner held the application defective, since it failed wholly to comply with the statutory requirements that it be in such clear, concise, and exact terms as to enable anyone skilled in the art to which it pertains to make and use the device which forms the subject matter of the application.

The rejection of the claims was made final. From this action the applicant, on March 11, 1924, petitioned to the Commissioner to order the Examiner to reopen the case. One paragraph of the petition was a complaint against the Examiner. In reply to the petition, May 6, 1924, the Commissioner did not consider the merits of the rejection, but ruled that, as a question of practice, the Examiner was clearly right in rejecting the application. At the same time applicant was given another opportunity to amend, but the final rejection was not waived. Applicant was also notified that if he wished to appeal he must take such action within the year. An appeal to the Examiners in Chief was filed November 10, 1924. With the appeal was filed an amendment canceling all of the claims and presenting 12 new claims and a petition that they be entered, apparently for the purposes of appeal.

The Acting Commissioner ruled on the petition as follows:

As the final rejection of November 15, 1923, was based on an alleged lack of an adequate disclosure of the invention, it is held that the said amendments may, without impropriety, be entered for consideration by the Examiners-in-Chief.

The petition is accordingly granted. The Examiner is directed to enter the said amendments and forward the appeal.

The Examiner forwarded the appeal, with his answer, on January 20, 1925, and the case was set for hearing on April 15, 1925.

The decision of the Examiners in Chief states:

Upon full consideration of all the actions taken and the matters involved we are of the opinion that this case is quite similar to a number of others in which appeal has been taken to the Board of Examiners-in-Chief on substantially the same ground, that is "on all fours" with the present appeal, the application or specification and drawings of which the Examiner held failed to comply with the statute, section 4888, for like reasons.

* * * * *

In appellant's case here, the Examiner who is the expert of the Office in the art to which the invention is directed, stated that even though "he was presumed to be an expert and had carefully studied the specification and drawings he was *unable to understand* in what feature or features applicant believes his invention to reside." In other words, the Examiner is unable to determine what the disclosure is and since he has subsequently stated that the proposed amendment, permitted by the Commissioner, was also insufficient, that is, it was in his opinion such that it did not remedy matters and he was still unable to understand it, the disclosure must be still insufficient.

Under such a statement of facts it is not obvious or apparent that the Board are better qualified to determine the sufficiency of disclosure than the acknowledged expert—the Examiner—nor if he is unable to understand it how they should be.

The decision also states that it is not considered that this appeal involves any question that is directly appealable to the Examiners in Chief under rules 133 or 134.

[1] Rule 133 does not specify each particular class of cases that is appealable, but the rule is intended to be illustrative only, as indicated by the words "such as". It does not specify such grounds as "res adjudicata," "estoppel," or "double patenting," and yet these have always been held to be valid grounds of rejection and appeal.

[2] Under rule 133 the question involved in this appeal is really one of "inoperativeness of invention" or the question whether the specification sets forth a structure that will support the claims and whether the claims can be predicated upon such disclosure in an operable sense.

The decision of the Examiners in Chief refers to another case in which the claims were rejected

for lack of sufficient disclosure, and the appeal was dismissed by them on the ground that there was no actual rejection of the claims, as the Examiner had not passed upon their patentability. That, however, is not the criterion, as appeals on the questions of "res adjudicata," "estoppel," "new matter," and "division," for example, do not necessarily involve the questions of patentability or novelty.

The Board's decision also refers to section 4888, Revised Statutes, as to the requirements of an application and that section 4893, Revised Statutes, provides that the Commissioner shall cause an examination to be made only when the application is of the character defined by section 4888, Revised Statutes.

Such a construction of section 4893, Revised Statutes, would, in effect, make that section inoperative, as it would necessitate a double examination of each application, first, as to sufficiency of disclosure (sec. 4888, R. S.) and, second, as to its merits. In cases where the insufficiency was not discovered until the case had been prosecuted for a long time, as sometimes occurs, it would be necessary to rule that the application was not an application within the terms of section 4888, Revised Statutes, and the applicant would be deprived of an opportunity to appeal on that question.

In order to provide a remedy for applicants who, in their opinion, have been improperly denied a patent, the statutes wisely provide for appeals to the courts. As a prerequisite to such an appeal it is necessary to appeal to the Examiners in Chief, and this right of appeal to the courts on his entire application, including the claims, can not be taken away from him by dismissing the appeal to the Examiners in Chief.

[3] It is therefore held that after an application has been given a filing date and has been examined by the Primary Examiner and by him finally rejected on the ground of lack of such full, clear, concise, and exact terms as provided by section 4888, Revised Statutes, appeal lies to the Examiners in Chief from such final rejection.

The Examiners in Chief will therefore set a new date of hearing the appeal in this case and give appellant an opportunity to be heard and to file a brief if he desires to do so.

The petition is granted to the extent indicated.

Supreme Court of the United States.

STIIZ *v.* THE UNITED STATES.

Decided November 16, 1925.

1. INFRINGEMENT—QUESTION OF FACT—COURT OF CLAIMS.
Where the Court of Claims expressly found that it did not appear that any of the devices of plaintiff's patents had been manufactured or used by the United States or that his patents had been infringed by the United States, *Held* that infringement is a question of fact and that the finding of the Court of Claims is in the nature of a special verdict of a jury.

2. COURT OF CLAIMS—FINDINGS OF FACT NOT REVIEWABLE.
The Supreme Court accepts the findings of fact made by the Court of Claims and can not review them.

3. SAME—MIXED QUESTION OF LAW AND FACT—WHEN REVIEWABLE.
Where a finding determines a mixed question of law and fact, it is conclusive unless the court is able to separate the question to see whether there is a mistake of law.

APPEAL from the Court of Claims.

Mr Harry B. Stilz pro se.

Mr. John W. Loveland for the United States.

Mr. Justice BUTLER delivered the opinion of the Court.

Plaintiff brought this action, under the Act of Congress approved July 1, 1918 (c. 114, 40 Stat. 705), to recover compensation for the use and manufacture, by or for the Navy Department, of certain oil burners alleged to infringe Patents 945,873 and 1,066,161, granted him January 11, 1910, and July 1, 1913, respectively. The Court of Claims filed findings of fact and conclusion of law (59 C. Cls. 21), and adjudged that plaintiff was not entitled to recover.

The substance of the findings in respect of the prior art, the burners covered by plaintiff's patents, and the burners manufactured and used by the United States and alleged to be infringements may be indicated briefly. Each of these patents was for improvements in oil burners. In order successfully to be used for fuel, oil must be atomized to permit its mixture with the proper amount of air for combustion. In the prior art to which plaintiff's patents relate, there were numerous structures disclosed by patents and publications referred to in the findings, including two types of burners in use and known respectively as mechanical atomizers and steam atomizers. In the former the oil is atomized by means purely mechanical. It is projected, under heavy pressure from the burner into the furnace in a whirling cone-shaped film, which almost immediately develops into fine spray. In the latter there is a combination with the oil, while yet within the burner proper, of a stream of steam, air, or other gaseous fluid under pressure for the purpose of aiding the atomization. In both, air for combustion is admitted through a surrounding register and is more or less intimately intermixed with the oil spray.

The burner covered by Patent 945,873 provides for the use of steam, air or other gaseous fluid under pressure to aid in atomization of the oil. The oil, under heavy pressure, is discharged tangentially into the annular space of the nozzle between the outer casing and center plug, thus giving the oil a rotary motion in the nozzle. The steam or other fluid, under heavy pressure, is also discharged tangentially into this space in the same direction as the oil with which it rotates; and thus aids in atomizing the oil, which issues from the orifice of the nozzle at a high velocity through an air register and into the furnace in a cone-shaped film and spray. Air for combustion is supplied through the register, and mixes with the oil spray in it and in the furnace.

The burner covered by Patent 1,066,161 also provides for the use of steam, air or other gaseous fluids under pressure as an aid in the atomization of the oil. This includes an annular space between inner and outer casings of the nozzle. The oil and steam are not brought together until after the oil, under heavy pressure, is forced through a spiral and orifice into the front of this space in a rapidly rotating cone-shaped film. The steam, air or other fluid passes through a pipe under heavy pressure and is discharged tangentially into this space, rotating towards the outer orifice in a whirling layer. The oil leaving the inner orifice is struck by the rotating steam before it passes through the outer orifice. Air for combustion is supplied through a circular register attached to the front of the furnace through the center of which the oil is projected from the nozzle into the furnace in a cone-shaped spray. The air flows around the oil spray and mixes with it in the register and in the furnace where combustion takes place.

The type and character of the oil burners and equipment manufactured and used by the United States, and which are alleged by plaintiff to infringe his patents, are indicated by the findings. These oil burners and equipment provide for the atomization of the oil by means of its projection into the furnace under heavy pressure through spiral passages in the nozzle of the burner in a whirling cone-shaped film which almost immediately upon leaving the nozzle develops into fine spray. The air for combustion is furnished under mild blower pressure in the furnace room through an air register surrounding the burner and burner opening into the furnace. The register is provided with vanes or other means for giving the air a whirling motion to facilitate the intermixture with the oil spray. The oil and air are whirled together in the same direction. No steam, air, or other gaseous fluid is introduced into or used in the burner proper for any purpose, nor used with any part of the equipment for the atomization of the oil. The air, which passes through the register encircling the burner, is to supply oxygen necessary for combustion.

From the findings it clearly appears that the mixing of the steam, air or other gaseous fluid with the oil in the annular space to aid atomization before the spray is brought into contact with the air supplied for combustion and before it passes into the furnace is the important feature distinguishing the burners covered by plaintiff's patents from those above described which are manufactured and used by the United States. The Court of Claims expressly found,

It does not appear that any of the devices of the plaintiff's said Letters Patent No. 945,873 and No. 1,066,161 have been manufactured or used by the United States, or that said Letters Patent have been infringed by the United States.

[1, 2, 3] Infringement is a question of fact. The quoted finding is in the nature of special verdict of a jury. *United States* v. *Anciens Etablissements*, 178 O. G., 591; 1912 C. D., 620; 224 U. S. 309, 322, 330; *Brothers* v. *United States*, 263 O. G. 331; 1919 C. D. 450; 250 U. S. 88, 93. This Court accepts the findings of fact made by the Court of Claims and can not review them. *Collier* v. *United States*, 173 U. S. 79, 80. And even where a finding determines a mixed question of law and fact, it is conclusive unless the court is able to separate the question to see whether there is a mistake of law. *United States* v. *Omaha Indians*, 253 U. S. 275, 281; *Ross* v. *Day*, 232 U. S. 110, 116; *Whitcomb* v. *White*, 214 U. S. 15, 16; *Marquez* v. *Frisbie*, 101 U. S. 473, 476. Our consideration of the case is confined to questions of law. *Union Pacific Railway Co.* v. *United States*, 116 U. S. 154, 157; *Keokuk & Hamilton Bridge Co.* v. *United States*, 260 U. S. 125. And the situation is the same as it would be if the facts had been agreed upon by the parties. *United States* v. *Pugh*, 99 U. S. 265, 271. As no infringement was found, the facts are not sufficient to constitute a cause of action.

Judgment affirmed.

ADJUDICATED PATENTS.

(C. C. C. A. Pa.) The Thibodeau patent, No. 857,770, for candy-pulling machine, *Held* valid and infringed. *Schute* v. *Hildreth*, 8 F. (2d) 131.

(D. C. Md.) The Hayduck patent, No. 1,449,103, for process for making yeast, *Held* valid and infringed. *Fleischmann Yeast Co.* v. *Federal Yeast Corporation*, 8 F. (2d) 186.

(D. C. Md.) The Nilsson and Harrison patent, No. 1,449,127, for process for making yeast, *Held* invalid. *Fleischmann Yeast Co.* v. *Federal Yeast Corporation*, 8 F. (2d) 186.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

1,010,273, F. A. Law, Speed-changing mechanism, suit filed Nov. 4, 1925, D. C. W. D. Mich. (S. Div.), Doc. 2041, *Warford Corp.* v. *Fuller & Sons Mfg. Co.*

1,074,592, R. H. Anderson, Wall bed, suit filed Nov. 4, 1925, D. C., N. D. Calif., Doc. E 1587, *V. L. Holmes et al.* (*Holmes Bed Mfg. Co.*) *et al.* v. *Rip Van Winkle Wall Bed Co.*

1,113,149, E. H. Armstrong, Wireless receiving system, suit filed Nov. 6, 1925, D. C., S. D. N. Y., Doc. E 34/264, *Westinghouse Electric & Mfg. Co. et al.* v. *The Radio Market, Inc.*

1,219,683, Wachenheimer & Davis, Chain, suit filed Aug. 5, 1925, D. C. R. I., Doc. 224, *Wachenheimer Bros., Inc.*, v. *Lerner & Horowitz* (*Triangle Jewelry Co.*). Interlocutory decree for injunction Nov. 9, 1925.

1,242,872, 1,357,521, C. Saunders, Self-serving store; 1,297,405, same, Price-tagging means, suit filed July 14, 1924, D. C., S. D. Miss., Doc. E 220. *Piggly Wiggly Co.* v. *Jitney Jungle Co.* Case now before master (notice dated Nov. 5, 1925).

1,281,711, F. B. Thompson, Photographic-film-treating apparatus, suit filed Sept. 18, 1925, D. C., S. D. Calif., Doc. J 62 M, *G. S. Thompson et al.* v. *Famous Players-Lasky Corp.*

1,297,405. (See 1,242,872.)

1,304,747. (See Re. 15,248.)

1,307,734, A. V. Gullborg, Lubricating means, preliminary injunction issued Nov. 6, 1925, D. C., S. D. Iowa (Davenport), Doc. 4069, *The Bassick Mfg. Co.* v. *Horst & Wilkinson Co., Inc.*

1,325,476, J. P. Kern, Card and label holder, suit filed Aug. 22, 1925, D. C., S. D. Calif., Doc. J 42 M, *J. P. Kern v. W. S. Rench et al.*

1,326,752, M. Liptak, Furnace arch for boilers, suit filed Nov. 6, 1925, D. C., S. D. Ohio (W. Div.), Doc. E 399, *Liptak Fire Brick Arch Co. v. Ironton Fire Brick Co.*

1,342,885, E. H. Armstrong, Receiving high-frequency oscillations, consent decree sustaining patent and granting injunction Nov. 7, 1925, D. C., S. D. N. Y., Doc. E 29/169, *Westinghouse Electric & Mfg. Co. et al. v. M. Taub et al.*

1,357,521. (See 1,242,872.)

1,372,154. (See Re. 15,545.)

1,404,879, F. C. Mock, Carburetor, suit filed Oct. 31, 1925, D. C., S. D. N. Y., Doc. E 34/222, *Stromberg Motor Devices Co. v. Zenith-Detroit Corp.*

1,425,140, W. W. Rumsey, Safety light, infringement of claims 1 and 3 held (notice dated Nov. 3, 1925), D. C., S. D. Ill. (N. Div.), Doc. 230, *Esco Mfg. Co. et al. v. City of Geneseo.*

1,434,356, H. T. Doulett, Eyeleting machine, final decree for injunction Oct. 7, 1925, D. C. N. J., Doc. E 4021, *L. Muther et al. v. United Shoe Machinery Corp.*

1,446,093. (See Re. 15,248.)

1,450,080 (*a*), L. A. Hazeltine, Method and electric circuit arrangement for neutralizing capacity coupling; 1,489,228, 1,533,858, same, Method and means for neutralizing capacity coupling in audions, suit filed Oct. 2, 1925, D. C. N. J., Doc. E 1490, *Hazeltine Corp. et al. v. Shamrock Mfg. Co., Inc.*

1,450,080 (*b*), L. A. Hazeltine, Method and electric circuit arrangement for neutralizing capacity coupling; 1,489,228, same, Method and means for neutralizing capacity coupling in audions, consent decree sustaining patents and granting injunction Nov. 7, 1925, D. C., S. D. N. Y., Doc. E 31/182, *Hazeltine Corp. et al. v. Greater Atlantic & Pacific Radio Corp.*

1,450,080 (*c*), L. A. Hazeltine, Method and electric circuit arrangement for neutralizing capacity coupling, consent decree sustaining patent and granting injunction Nov. 7, 1925, D. C., S. D. N. Y., Doc. E 28/342, *Hazeltine Research Corp. et al. v. M. Taub et al.*

1,477,125. (See Re. 15,248.)

1,487,181, F. H. Robinson, Lighting fixture, consent decree Oct. 3, 1925, D. C. N. J., Doc. E 569, *National Metal Spinning & Stamping Co. v. H. Krich (Krich Light & Electric Co.).*

1,489,228. (See 1,450,080 (*a*) and (*b*).)

1,491,962, F. T. Moody, Positioning apparatus for headlights, suits filed Sept. 15, 1925, D. C., S. D. Calif., Doc. J 60 M, *Moody Chart Co., Inc., v. Western Auto Electric Co.;* and Doc. J 61 M, *Moody Chart Co., Inc., v. E. A. Maginnis, Inc.*

1,492,376, R. E. Klages, Drag link, suit filed Nov. 9, 1925, D. C., N. D. Ill. (E. Div.), Doc. 1662, *The Columbia Auto Parts Co. v. The Steel Products Co.*

1,495,771, M. J. Brown, Measuring and spraying apparatus for a volatile fumigant, final decree adjudging claims 1, 3, 4, and 5 valid and infringed, injunction Oct. 30, 1925, D. C. Del., Doc. E 551, *The Pacific R. & H. Chemical Corp. v. California Cyanide Co., Inc.*

1,497,095, W. Dubilier, Electrical condenser, suit filed Apr. 8, 1925, D. C. N. H. Doc. E 1173, *Dubilier Condenser & Radio Corp. v. Splitdorf Electrical Co.*

1,498,196, L. G. Pacent, Electric plug, suit filed Oct. 15, 1925, D. C. N. J., Doc. E 1513, *Pacent Electric Co., Inc., v. Zisch Engineering Co.*

1,504,154, C. E. Smalley, Support, patent held valid, defendants enjoined, Aug. 4, 1925, D. C., N. D. Iowa (W. Div.), Doc. E 141, *C. E. Smalley v. Auto Specialists, Inc., et al.*

1,506,774, W. D. Redrup, Coal chute, suit filed Nov. 6, 1925, D. C., N. D. Iowa (E. Div.), Doc. E 101, *The Majestic Co. v. The Adams Co.*

1,529,244, H. H. Eby, Binding post, suit filed Nov. 6, 1925, D. C. Mass., Doc. E 2494, *H. H. Eby v. F. W. Morse et al.*

1,533,858. (See 1,450,080 (*a*).)

1,533,858, L. A. Hazeltine, Method and means for neutralizing capacity coupling in audions, consent decree sustaining patent and granting injunction Nov. 7, 1925, D. C., S. D. N. Y., Doc. E 33/360, *Hazeltine Corp. et al. v. Greater Atlantic & Pacific Radio Corp.*

1,544,711, T. F. Wilson, Automobile crank-case mounting; Des. 59,397, same, Crank-case arm, suit filed July 24, 1925, D. C. N. J., Doc. E 1397, *Apco Mfg. Co. v. Le Compte Mfg. Co. et al.*

1,547,853, E. A. Wheeler, Road planer and grader, suit filed Aug. 26, 1925, D. C., S. D. Calif., Doc. J 45 M, *E. A. Wheeler v. O. Davis et al.*

Re. 15,248, W. G. Dingle, Fumigating and spraying apparatus; 1,304,747, same, Method of fumigating; 1,446,093, 1,477,125, R. M. Jackson, Fumigating applicator suit filed Aug. 24, 1925, D. C., S. D. Calif., Doc. J 44 H, *Owl Fumigating Corp. v. The Pacific R. & H. Chemical Corp.*

Re. 15,545, 1,372,154, A. L. McGregor, Automobile bumper, suit filed Aug. 24, 1925, D. C., S. D. Calif., Doc. J 43 J, *The C. G. Spring & Bumper Co. v. N. M. Hurley.*

Des. 59,397. (See 1,544,711.)

Des. 65,050, H. E. Bohl, Ring for lighting fixture; Des. 65,051, same, Arm for lighting fixture; Des. 65,158, same, Husk for lighting fixture; Des. 65,159, same, Backplate for lighting fixture, suit filed Sept. 16, 1925, D. C. N. J., Doc. E 1470, *Radiant Lighting Fixture Co., Inc., v. S. Forster (The Star Electrical Supply Co.).*

Des. 65,051. (See Des. 65,050.)

Des. 65,158. (See Des. 65,050.)

Des. 65,159. (See Des. 65,050.)

T. M. 146,517, Tulite Auto Bulb Co., Electric lamp, suit filed Sept. 21, 1925, D. C. N. J., Doc. E 1472. *Tulite Auto Bulb Co. v. American Auto Lamp Co., Inc.*

TRADE-MARKS

OFFICIAL GAZETTE, JANUARY 12, 1926.

[VOL. 342. No. 2.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 183,656. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) LAUNDRY SALES CO., Atlanta, Ga. Filed July 25, 1923.

DIXIE

Cotton Padding

No claim is made to the exclusive use of the words "Cotton Padding" except in the arrangement shown.

Particular description of goods.—Laundry Padding, Either in the Piece or Roll.

Claims use since Jan. 1, 1923.

Ser. No. 183,856. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WILLIAM D. ROOT, doing business as The Electrovend Company, Cleveland, Ohio. Filed July 30, 1923.

Electrovend

Particular description of goods.—Pop-corn and Peanut Vending Machines.

Claims use since July, 1922.

Ser. No. 183,857. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WILLIAM D. ROOT, doing business as The Electrovend Company, Cleveland, Ohio. Filed July 30, 1923.

Electrovend Junior

Particular description of goods.—Pop-corn and Peanut Vending Machines.

Claims use since March, 1923.

Ser. No. 183,858. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WILLIAM D. ROOT, doing business as The Electrovend Company, Cleveland, Ohio. Filed July 30, 1923.

Electrovend Marvel

Particular description of goods.—Pop-corn and Peanut Vending Machines.

Claims use since March, 1923.

Ser. No. 187,421. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HEATHER COMPANY, New York, N. Y. Filed Oct. 24, 1923.

HEATHER

Particular description of goods.—Face Powders, Face Creams, Perfumes, Toilet Waters, Rouges, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, and Sachet Powders.

Claims use since Jan. 1, 1910.

Ser. No. 190,221. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) BELA WEISS, doing business as B. Weiss, Laboratories, Detroit, Mich. Filed Dec. 28, 1923.



Particular description of goods.—Auto and Furniture Polish.

Claims use since Dec. 4, 1923.

Ser. No. 195,726. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VENECIN A. G. FUR CHEMISCHE PRODUKTE, Berlin and Weimar, Germany. Filed Apr. 17, 1924.

VENECIN

Particular description of goods.—Mineral Waters Having Medicinal Properties to be Used Internally and Externally.

Claims use since May 1, 1923.

Ser. No. 196,382. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed May 1, 1924.

Kashmana

Particular description of goods.—Woolen Piece Goods.

Claims use since Feb. 1, 1924.

Ser. No. 199,611. (CLASS 2. RECEPTACLES.) DOERR MANUFACTURING COMPANY, Grand Rapids, Mich. Filed July 5, 1924.

VANI-DOR

Particular description of goods.—Base-Metal Receptacles for Attachment to the Inside of Automobiles for Holding Toilet or Similar Articles.

Claims use since Sept. 1, 1923.

Ser. No. 199,748. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GARCIA & MAGGINI CO., San Francisco, Calif. Filed July 8, 1924.

BONTON

Particular description of goods.—Green and Dried Fruits, Fresh Vegetables, Oranges in Their Natural State, Fresh Berries, Fresh Grapes, Dried Raisins, Fresh Grapefruit, Fresh Cantaloupes, Dried Vegetables, Canned Fruits, and Canned Fish.

Claims use since 1903.

Ser. No. 201,882. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) CARSON PIRIE SCOTT & Co., Chicago, Ill. Filed Aug. 26, 1924.



Particular description of goods.—Pearls and Pearl Necklaces.

Claims use since about Apr. 10, 1924.

Ser. No. 201,886. (CLASS 39. CLOTHING.) CARSON PIRIE SCOTT & Co., Chicago, Ill. Filed Aug. 26, 1924.

YARDLONG

Particular description of goods.—Men's Work Shirts.

Claims use since May 25, 1924.

Ser. No. 203,306. (CLASS 2. RECEPTACLES.) THE FULLER BRUSH COMPANY, Hartford, Conn. Filed Oct. 2, 1924.

Fullerex

Particular description of goods.—Manicure and Dresser Trays, Vanity Cases Made of Celluloid or Similar Material.

Claims use since about May, 1924.

Ser. No. 203,998. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) ANDS. KOCH A.-G., Trossingen, Germany. Filed Oct. 17, 1924.

Koch's Fidelio

No claim is made herein to the name "Koch" apart from the mark shown in the drawing.

Particular description of goods.—Mouth Organs, Accordions, Melodeons, Blow Accordions, Harmonica Flutes, Clarinet Flutes, Saxophone Flutes, Concertinas, Ocarinas, Bandoneons, Metallophones, Xylophones, Jew's-Harps, Wooden and Sheet-Metal Flutes, Violins, Mandolins, Guitars, Lutes, Balalaikas, Ukuleles, Banjos, Zithers, Parts of Said Instruments, Bows for String Instruments, and Strings for String and Pluck Instruments.

Claims use since Nov. 1, 1904.

Ser. No. 203,999. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) ANDS. KOCH A.-G., Trossingen, Germany. Filed Oct. 17, 1924.

Koch's Alpina

No claim is made herein to the name "Koch" apart from the mark shown in the drawing.

Particular description of goods.—Mouth Organs, Accordions, Melodeons, Blow Accordions, Harmonica Flutes, Clarinet Flutes, Saxophone Flutes, Concertinas, Ocarinas, Bandoneons, Metallophones, Xylophones, Jew's-Harps, Wooden and Sheet-Metal Flutes, Violins, Mandolins, Guitars, Lutes, Balalaikas, Ukuleles, Banjos, Zithers, Parts of Said Instruments, Bows for String Instruments, and Strings for String and Pluck Instruments.

Claims use since Nov. 1, 1904.

Ser. No. 204,000. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) ANDS. KOCH A.-G., Trossingen, Germany. Filed Oct. 17, 1924.

ANDSKOCH

Particular description of goods.—Mouth Organs, Accordions, Melodeons, Blow Accordions, Harmonica Flutes, Clarinet Flutes, Saxophone Flutes, Concertinas, Ocarinas, Bandoneons, Metallophones, Xylophones, Jew's-Harps, Wooden and Sheet-Metal Flutes, Violins, Mandolins, Guitars, Lutes, Balalaikas, Ukuleles, Banjos, Zithers, Parts of Said Instruments, Bows for String Instruments, and Strings for String and Pluck Instruments.

Claims use since Jan. 1, 1892.

Ser. No. 204,001. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) ANDS. KOCH A.-G., Trossingen, Germany. Filed Oct. 17, 1924.



No claim is made to the words "Made in Germany."

Particular description of goods.—Mouth Organs, Accordions, Blow Accordions, Violins, Parts of Said Instruments, and Strings for String and Pluck Instruments.

Claims use since July 1, 1913.

Ser. No. 204,988. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WINCHELL FLOUR COMPANY, Saginaw, Mich. Filed Nov. 7, 1924.



The surname "Grant's" is hereby disclaimed except in combination with the mark shown.

Particular description of goods.—Fried-Cake Flour.

Claims use since June 10, 1924.

Ser. No. 205,043. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) WYMAN, PARTRIDGE & Co., Minneapolis, Minn. Filed Nov. 8, 1924.

NEWPORT

SATONEO

Particular description of goods.—Sateen in Piece Goods.

Claims use since Oct. 7, 1924.

Ser. No. 205,151. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) COMBUSTION UTILITIES CORPORATION, New York, N. Y. Filed Nov. 12, 1924.

CARBOGAS

Particular description of goods.—Generators, Producers, and Furnaces for Making Gas.

Claims use since April, 1921.

Ser. No. 205,152. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) COMBUSTION UTILITIES CORPORATION, New York, N. Y. Filed Nov. 12, 1924.

HYDROGAS

Particular description of goods.—Generators, Producers, and Furnaces for Making Gas.

Claims use since April, 1921.

Ser. No. 205,488. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) PERFECTION PRODUCTS CO., Rochester, N. Y. Filed Nov. 18, 1924.

COPPIT BRAND

No claim is made to the word "Brand" apart from the mark shown.

Particular description of goods.—Type Cleaner Known as Ink Off.

Claims use since Oct. 1, 1924.

Ser. No. 205,897. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CLAUS ANDERSON, doing business as Anderson & Company, Chicago, Ill. Filed Nov. 28, 1924.

VALHALLA

Particular description of goods.—Roasted Coffee.

Claims use since Sept. 10, 1924.

Ser. No. 206,032. (CLASS 37. PAPER AND STATIONERY.) FRANK M. SAYFORD COMPANY, Brooklyn, N. Y. Filed Nov. 29, 1924.

AIRBUFF

Particular description of goods.—Packing and Wrapping Paper for Confectionery and the like.
Claims use since January, 1924.

Ser. No. 206,146. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE AMERICAN TURPENTINE COMPANY, doing business as North American Fibre Products Company, Cleveland, Ohio. Filed Dec. 3, 1924.

MOGUL

Particular description of goods.—Liquid Chemical Compound for Scale Preventing and Removing Compound from Boilers.
Claims use since about July, 1920.

Ser. No. 206,181. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) MANNING, BOWMAN & Co., Meriden, Conn. Filed Dec. 3, 1924.

MB Means Best

Particular description of goods.—Articles of Base Metal—To Wit, Bread Trays, Cake Baskets, Casserole Frames, Chafing Dishes, Coasters, Drink Mixers, Coffee Percolators, Coffeepots, Cracker and Cheese Dishes, Cream Pitchers, Crumb Sets, Cups, Dish Covers, Hot-Water Dishes, Pie Frames, Salad Sets, Sandwich Trays, Sugar Bowls, Tea-Ball Teapots, Teapots, Teapot Stands, Tea Trays, Card Trays, Trivet Mats, Trivets, and Water Carriers.
Claims use since Jan. 1, 1924.

Ser. No. 207,730. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed Jan. 6, 1925.

2X

Particular description of goods.—Snells for Fish Hooks.
Claims use since 1894.

Ser. No. 208,460. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) F. D. DAVIDSON COMPANY, Los Angeles, Calif. Filed Jan. 22, 1925.

NU-FLOR

Particular description of goods.—General Cleaning Preparation for Furniture and Such Like Goods.
Claims use since June 23, 1917.

Ser. No. 208,601. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LE PARADIS CANDY COMPANY, Washington, D. C. Filed Jan. 24, 1925.

Le Paradis

Particular description of goods.—Candy.
Claims use since Jan. 22, 1925.

Ser. No. 209,567. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE FITGER COMPANY, Duluth, Minn. Filed Feb. 14, 1925.

FITGER'S ARROWHEAD

No claim is made to the word "Fitger's" apart from the trade-mark as shown.
Particular description of goods.—Bar and Packaged Candy.
Claims use since Jan. 30, 1925.

Ser. No. 209,570. (CLASS 15. OILS AND GREASES.) GALENA-SIGNAL OIL COMPANY OF TEXAS, Houston, Tex. Filed Feb 14, 1925.

Fordex

Particular description of goods.—Lubricating Oils and Greases.
Claims use since Jan. 21, 1925.

Ser. No. 211,154. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE BURGER BROS. COMPANY, Cincinnati, Ohio. Filed Mar. 17, 1925.

Heim-Gemacht

Particular description of goods.—Malt Extracts for Food Purposes.
Claims use since July, 1923.

Ser. No. 211,606. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANTONIO NIGRI, West Hoboken, N. J. Filed Mar. 25, 1925.



The portraits shown in drawing are of applicant.
Particular description of goods.—Hair-Treating Preparation.
Claims use since June, 1924.

Ser. No. 211,773. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A. ARENA & Co., Los Angeles, Calif. Filed Mar. 28, 1925.

CARNATION

Particular description of goods.—Fresh Vegetables—Namely, Fresh Lettuce and Fresh Chicory for Salad Purposes.
Claims use since Dec. 22, 1924.

Ser. No. 212,247. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GLASER BROS., San Francisco, Calif. Filed Apr. 6, 1925.

G. B. 44

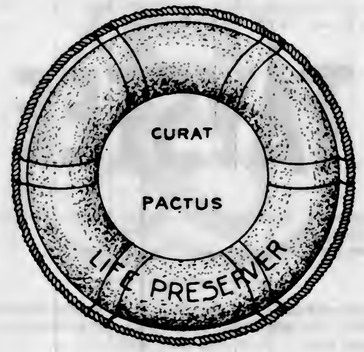
The color lines in the drawing represent the color red.
Particular description of goods.—Bar Candies.
Claims use since Jan. 15, 1923.

Ser. No. 212,785. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CONRON BROS. COMPANY, New York, N. Y. Filed Apr. 16, 1925.

RIDGEFIELD FARM BRAND

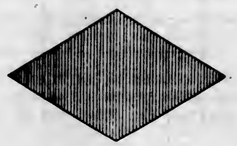
No claim is made to the exclusive use of the word "Brand" apart from the mark as shown on the drawing.
Particular description of goods.—Dressed Poultry, Butter, Eggs, Sausages, Hams, Bacon, and Cheese.
Claims use since 1906.

Ser. No. 213,953. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RALPH WALDO CARROLL, doing business as Curat Company of America, Bowling Green, Ky. Filed May 7, 1925.



Particular description of goods.—Remedy or Specific Intended for the Elimination of Uric Acid, Blood, Kidney, or Bowel Ailments.
Claims use since Jan. 1, 1920.

Ser. No. 214,146. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE J. FAESSLER MFG. CO., Moberly, Mo. Filed May 11, 1925.



Particular description of goods.—Flue Expanders for Steam Boilers.
Claims use since about Jan. 16, 1893.

Ser. No. 214,188. (CLASS 5. ADHESIVES.) SUPERIOR GLUE CO., Chicago, Ill. Filed May 11, 1925.

SUPERIOR

No claim is made to the exclusive use of the word "Superior" apart from the mark as shown in the drawing.
Particular description of goods.—Adhesive Glue and Cement.
Claims use since Apr. 14, 1925.

Ser. No. 214,338. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PURITY BAKERIES CORPORATION, New York, N. Y.; Minneapolis, St. Paul, and Duluth, Minn.; Detroit, Jackson, Flint, and Battle Creek, Mich.; St. Louis, Kansas City, Springfield, and Sedalia, Mo.; Indianapolis, Ind.; Cincinnati, Columbus, Hamilton, Toledo, and Akron, Ohio; Newark, N. J.; Decatur, Ill.; Burlington, Iowa; Muskogee, Okla.; and Wichita Falls, Tex. Filed May 14, 1925.

TAYSTEE

Particular description of goods.—Bread, Doughnuts, and Toast.
Claims use since Oct. 13, 1914.

Ser. No. 214,415. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HEGER PRODUCTS COMPANY, St. Paul, Minn. Filed May 16, 1925.

CIRCLES

Particular description of goods.—Dog, Cat, and Fox Biscuits.
Claims use since on or about Aug. 10, 1924.

Ser. No. 214,776. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) BLAW-KNOX COMPANY, Blawnox, Pa. Filed May 23, 1925.

Batcherplant

Particular description of goods.—Proportioning Plants for Concrete Aggregates.
Claims use since Oct. 4, 1922.

Ser. No. 215,131. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) M. K. BRIGSTOCKE, doing business as The Miracle Co., Catskill, N. Y. Filed June 1, 1925.

MIRACLE

Particular description of goods.—Liquid Preparation for Polishing Metals, Glass Windows, Mirrors, and the like.
Claims use since May 21, 1925.

Ser. No. 215,272. (CLASS 32. FURNITURE AND UPHOLSTERY.) SAN FRANCISCO ASSOCIATION FOR THE BLIND, San Francisco, Calif. Filed June 3, 1925.

"BLINDCRAFT"

Particular description of goods.—Reed and Rattan Furniture, Comprising Chairs, Settees, Tables, Jardinières; Bases, Standards, and Pedestals for Lamps; Shades for Lamps; Couches, Stands, Smoking Sets, Shoe Stands, Hatracks, Fern Boxes, and Stools.
Claims use since 1916.

Ser. No. 215,674. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) AMERICAN BLOWER COMPANY, Detroit, Mich. Filed June 12, 1925.

VENTURAFIN

Particular description of goods.—Combined Air Heating and Circulating Device.
Claims use since Feb. 1, 1924.

Ser. No. 215,886. (CLASS 32. FURNITURE AND UPHOLSTERY.) A. WERTHEIM, INC., New York, N. Y. Filed June 16, 1925.



Particular description of goods.—Tables, Chairs, and Cabinets for Household and/or Office Use.
Claims use since on or about Apr. 19, 1924.

Ser. No. 215,943. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PARISI BROS., Mount Vernon, N. Y. Filed June 17, 1925.

LA PARISINA

Trade-mark consists of the words "La Parisina."
Particular description of goods.—Canned Peas, Canned Stringless Beans, Olive Oil, Canned Corn, Canned Tomatoes, and Alimentary Paste and Rice.
Claims use since about March, 1922.

Ser. No. 216,137. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) D. E. BENJAMIN, doing business as Deb Products Co., Chicago, Ill. Filed June 22, 1925.

Sāv Surfis Polish

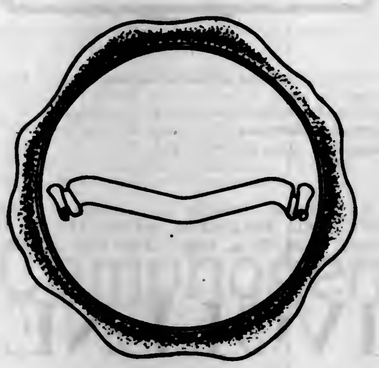
No claim is made to the exclusive use of the word "Polish" apart from the mark shown on the drawing.
Particular description of goods.—Automobile and Furniture Polish.
Claims use since Apr. 13, 1925.

Ser. No. 216,495. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOSEPH ANTOGNOLI, Chicago, Ill. Filed June 27, 1925.

Il Duomo

Particular description of goods.—Olive Oil and Tomato Paste.
Claims use since April, 1923.

Ser. No. 216,772. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) CHICAGO SOLDER COMPANY, Chicago, Ill. Filed July 2, 1925.



Particular description of goods.—Solder.
Claims use since on or about Jan. 1, 1923.

Ser. No. 216,820. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) BAKELITE CORPORATION, New York, N. Y. Filed July 3, 1925.



Particular description of goods.—Strap Hangers, Propellers, Windshields, and Gear-Shift Knobs.
Claims use since Dec. 1, 1924.

Ser. No. 216,903. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) FORTNUM & MASON, LTD., London, England. Filed July 6, 1925.

FORTMASON

Particular description of goods.—Golf Clubs, Golf Bags, Golf Balls, Golf-Ball Cleaners, and Golf Tees, Water Mounts Such as Surf Riders and Inflatable Supports for Bathers, Surf Gliders, Tennis and Squash Rackets and Presses, Tennis Nets and Posts, Markers, Rubber Racket Grips, Tennis Bags, Marking Pins, Ground Skis, Ski Sticks, and Ice and Roller Skates.
Claims use since Mar. 24, 1923.

Ser. No. 217,186. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) JAS. SMITH AND SON, (REDDITCH) LTD., Redditch, England. Filed July 10, 1925.



The term "Needle Packet" is disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Hand Sewing Needles.
Claims use since Apr. 6, 1925.

Ser. No. 217,383. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) B. ALTMAN & Co., New York, N. Y. Filed July 15, 1925.

Sans Egal

Particular description of goods.—Toilet Preparations—Namely, Perfumes.
Claims use since June 1, 1925.

Ser. No. 217,403. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LA SOCIETE MENIER, Paris, France. Filed July 15, 1925. Under ten-year proviso.

CHOCOLAT-MENIER

USINE HYDRAULIQUE DE NOISIEL Menier



Particular description of goods.—Eating and Cooking Chocolate.
Claims use since 1850.

Ser. No. 217,533. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE STAPLES GROCERY COMPANY, INC., Richmond, Va. Filed July 17, 1925.

LADY ASTER

Particular description of goods.—Condiments—Namely, Peanut Butter, Olives, Pickles, Catchup, Vinegar, and Chili Sauce; Salad Dressing—Namely, Mayonnaise; Relish—Namely, a Combination of Pickles, Olives, Pimientos, Spices, and Mayonnaise, and Russian Dressing; Preserves—Namely, Preserved Fruits, Preserved Berries, Jellies, and Jams; Flour—Namely, Buckwheat Flour, Pancake Flour, and Prepared Cake Flour; Canned Fish—Namely, Salmon, Shad, Tunny Fish, Oysters, and Fish Roe; Evaporated Peaches, Prunes, Pears, Apricots, Raisins, and Apples, and Canned Fruits and Canned Vegetables.
Claims use since May, 1923.

Ser. No. 217,845. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AKTIENGESELLSCHAFT CHOCOLAT TOBLER, Berne, Switzerland. Filed July 25, 1925.

TOBLERONE

Particular description of goods.—Chocolate and Cocoa.
Claims use since Feb. 11, 1909.

Ser. No. 217,846. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AKTIENGESELLSCHAFT CHOCOLAT TOBLER, Berne, Switzerland. Filed July 25, 1925.



Particular description of goods.—Cocoa and Chocolate.
Claims use since Aug. 26, 1913.

Ser. No. 217,897. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WM. POLLOCK MILLING & ELEVATOR CO., Mexico, Mo. Filed July 25, 1925.



The picture forming a feature of the mark is fanciful. No claim is made herein to the words "Johnny Cake" apart from the mark shown in the drawing.
Particular description of goods.—Cream Meal.
Claims use since March, 1925.

Ser. No. 217,924. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) HENRY EVERSZ, Walla Walla, Wash. Filed July 27, 1925.

IVOLENE

Particular description of goods.—Dry-Cleaning Compounds.
Claims use since July, 1922.

Ser. No. 218,135. (CLASS 15. OILS AND GREASES.) THE OKLAHOMA OIL MARKETERS, INC., Enid, Okla. Filed July 30, 1925.



Exclusive use of the words "Good the World Over" and "Climatic" is not claimed in this registration except in association with the other features of the mark.
Particular description of goods.—Lubricating Oils and Greases.
Claims use since Apr. 1, 1925.

Ser. No. 218,371. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GUSS PAPPAS, doing business as Boston Confectionery, Perth Amboy, N. J. Filed Aug. 4, 1925.

WHY PAY MORE?

Particular description of goods.—Ice Cream.
Claims use since August, 1924.

Ser. No. 218,550. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALBERT BOEHRINGER, doing business as C. H. Boehringer Sohn, Nieder-Ingelheim-on-the-Rhine, Germany. Filed Aug. 8, 1925.

Camphogen

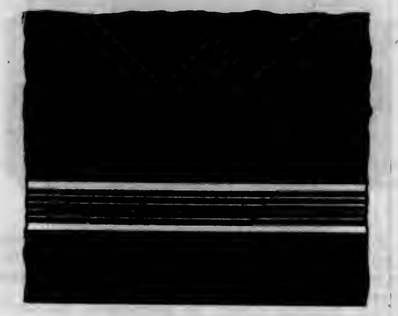
Particular description of goods.—Medicine in the Form of Ampuls Used in the Treatment of the Heart and Internal Organs.
Claims use since Aug. 25, 1924.

Ser. No. 218,585. (CLASS 23. CUTLERY, MACHINERY AND TOOLS, AND PARTS THEREOF.) THE TURNER & SEYMOUR MANUFACTURING CO., Torrington, Conn. Filed Aug. 8, 1925.



The trade-mark as shown in the accompanying drawing consists in coloring the grip portions of the handles of the utensil kitchen blue. No claim is made to the representation of the utensil apart from the trade-mark as shown.
Particular description of goods.—Egg Beaters and Can Openers.
Claims use since Mar. 27, 1923.

Ser. No. 218,875. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ALBERT D. SMITH & Co., New York, N. Y. Filed Aug. 14, 1925.



Particular description of goods.—Umbrella Cloth in the Piece, of Cotton, Silk, or Artificial Silk.
Claims use since July 29, 1925.

Ser. No. 219,006. (CLASS 2. RECEPTACLES.) SAN FRANCISCO ASSOCIATION FOR THE BLIND, San Francisco, Calif. Filed Aug. 17, 1925.

"BLINDCRAFT"

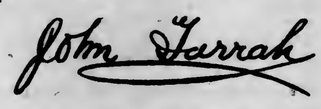
Particular description of goods.—Baskets Made of Reed, Rattan, Hemp, Wicker, and Grass.
Claims use since 1916.

Ser. No. 219,066. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN FARRAH & HARROGATE TOFFEE, LIMITED, Harrogate, England. Filed Aug. 19, 1925.



The exclusive use of the wording, with the exception of the facsimile signature of the late John Farrah, applicant's predecessor in business, is disclaimed apart from the other features of the mark shown on the drawing.
Particular description of goods.—Toffee.
Claims use since 1880.

Ser. No. 219,067. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN FARRAH & HARROGATE TOFFEE, LIMITED, Harrogate, England. Filed Aug. 19, 1925.



Trade-mark consists of the facsimile signature of the late John Farrah, applicant's predecessor in business.
Particular description of goods.—Toffee, Ginger Nuts, and Chocolate.
Claims use since 1880.

Ser. No. 219,079. (CLASS 38. PRINTS AND PUBLICATIONS.) MONARCH MANUFACTURING COMPANY, Council Bluffs, Iowa. Filed Aug. 19, 1925.

Oilmanac

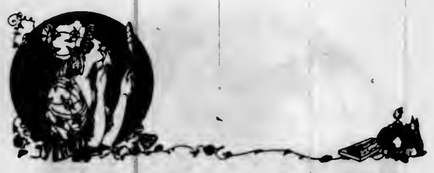
Particular description of goods.—Monthly Periodical.
Claims use since Dec. 16, 1923.

Ser. No. 219,166. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) BREESE ENGINEERING CORPORATION, Chicago, Ill. Filed Aug. 21, 1925.



No claim is made to the words "Breese" or "Burnoil" apart from the mark shown herein.
Particular description of goods.—Station Heaters, Furnaces, Burners, Boilers, and Water Heaters for the Consumption of Coal or Liquid Hydrocarbons, or Both.
Claims use since about February, 1921.

Ser. No. 219,231. (CLASS 37. PAPER AND STATIONERY.) CONTINENTAL PAPER & BAG MILLS CORPORATION, New York, N. Y. Filed Aug. 22, 1925.



Particular description of goods.—Tissue Paper for Skin-Cleaning Purposes.
Claims use since May 7, 1924.

Ser. No. 219,530. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NICHOLAS P. DAMIANAKES, doing business as California Peanut Co., Oakland, Calif. Filed Aug. 29, 1925.

PEANUT TOASTIES

The term "Peanut-Toasties" is disclaimed apart from the other features of the mark.
Particular description of goods.—Sugar-Coated Peanuts.
Claims use since Jan. 1, 1925.

Ser. No. 219,604. (CLASS 38. PRINTS AND PUBLICATIONS.) POTOMAC PHOTO SUPPLY CO., Washington, D. C. Filed Aug. 31, 1925.

THE SOUL OF AMERICA SERIES

Particular description of goods.—Photographs or Pictures.
Claims use since May 17, 1925.

Ser. No. 219,671. (CLASS 23. CUTLERY, MACHINERY, AND PARTS THEREOF.) CARL KLAIBER, Zurich, Switzerland. Filed Sept. 2, 1925.

TORO

Particular description of goods.—Safety Knives for Skinning Animals.
Claims use since Feb. 19, 1925.

Ser. No. 219,782. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) SMALL GRAIN DISTILLING & DRUG CO., Louisville, Ky. Filed Sept. 8, 1925.



No exclusive claim is made to the descriptive words "Spiritus Frumenti."
Particular description of goods.—Whisky.
Claims use since 1908.

Ser. No. 219,829. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) MCKENZIE MANUFACTURING CO., La Crosse, Wis. Filed Sept. 4, 1925.

Aspinwall

The trade-mark consists of the name "Aspinwall" in handwriting of L. A. Aspinwall. The name "Aspinwall" is disclaimed apart from the characteristic form in which it is written.
Particular description of goods.—Potato Planters, Potato Diggers, Potato Sorters, Potato Cutters, and Potato Sprayers.
Claims use since July 13, 1925.

Ser. No. 219,844. (CLASS 38. PRINTS AND PUBLICATIONS.) THE READY REFERENCE PUBLISHING CO. INC., New York, N. Y. Filed Sept. 4, 1925.



The words "Telephone Directory" appearing on the drawing are disclaimed apart from the mark shown. The drawing is lined for the color green, which is a feature of applicant's mark.
Particular description of goods.—Semiannual Publications.
Claims use since July 1, 1925.

Ser. No. 219,878. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) PETE CHRISTIAN, Wichita, Kans. Filed Sept. 5, 1925.



Particular description of goods.—Nonalcoholic, Malt-less Beverage and Sirup for Compounding the Same.
Claims use since June 23, 1925.

Ser. No. 219,904. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROBERT NEMEC, doing business as Progress Malt Extract Co., Chicago, Ill. Filed Sept. 5, 1925.

PROGRESS

Particular description of goods.—Malt Extract for Food Purposes Only.
Claims use since about March, 1922.

Ser. No. 219,909. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) RAY A. PRECOURT, Los Angeles, Calif. Filed Sept. 5, 1925.

PUREX

Particular description of goods.—General Cleaning Preparation in Liquid Form with Incidental Water-Softening Properties.
Claims use since Oct. 10, 1923.

Ser. No. 219,930. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ARCADIA CITRUS GROWERS ASSOCIATION, Arcadia, Fla. Filed Sept. 8, 1925.

MAID of ORLEANS

Particular description of goods.—Citrous Fruits—Namely, Oranges, Tangerines, and Tangerines of the Variety Known as Kings in Their Natural State.
Claims use since Nov. 10, 1920.

Ser. No. 219,954. (CLASS 39. CLOTHING.) JOHN FENTON, Columbus, Ohio. Filed Sept. 8, 1925.

The "Tru-Poise"

Particular description of goods.—General Cleaning
Claims use since about Aug. 11, 1925.

Ser. No. 219,994. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) JACOB C. SCHACHET, Denver, Colo. Filed Sept. 8, 1925.

CARBO-HIDE

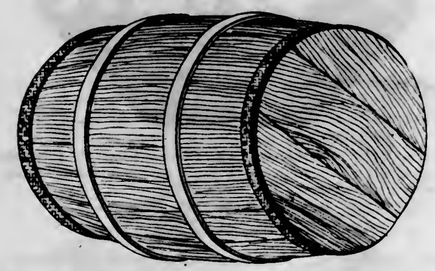
Particular description of goods.—Rubber Soling Materials.
Claims use since Aug. 1, 1924.

Ser. No. 220,104. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ARCADIA CITRUS GROWERS ASSOCIATION, Arcadia, Fla. Filed Sept. 11, 1925.

INVINCIBLE

Particular description of goods.—Citrous Fruits—Namely, Oranges, Tangerines, and Tangerines of the Variety Known as Kings in Their Natural State.
Claims use since Nov. 16, 1920.

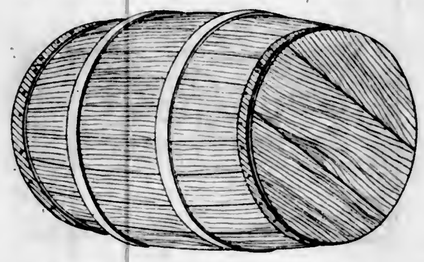
Ser. No. 220,122. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE J. B. FORD COMPANY, Wyandotte, Mich. Filed Sept. 11, 1925.



The representation of the barrel appearing in the drawing is disclaimed apart from the mark shown. The trade-mark is applied to the goods by providing the kegs, barrels, or other containers within which the goods are sold with a yellow band or hoop thereabout at each end.

Particular description of goods.—Commercially Prepared and Modified Soda Ash for Laundry, Household, Factory, and General Cleaning Purposes.
Claims use since Oct. 1, 1907.

Ser. No. 220,123. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE J. B. FORD COMPANY, Wyandotte, Mich. Filed Sept. 11, 1925.



The representation of the barrel appearing in the drawing is disclaimed apart from the mark shown. The trade-mark is applied to the goods by providing the kegs, barrels, or other containers within which the goods are sold with a green band or hoop thereabout at each end thereof.

Particular description of goods.—Modified, Prepared, Commercial, and Special Alkali for Cleaning and Cleansing Purposes in Bottling Works, Creameries, Etc.
Claims use since Jan. 1, 1906.

Ser. No. 220,271. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ANTIGO CANNING COMPANY, Antigo, Wis. Filed Sept. 16, 1925.



The geographical term "Antigo" is disclaimed apart from the other features of the mark shown.

Particular description of goods.—Canned Vegetables—Namely, Stringless Beans, Beans, Corn, and Peas.
Claims use since June 20, 1910.

Ser. No. 220,308. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) H. CHARLES LAUFE, doing business as Stay-Tight Co., New York, N. Y. Filed Sept. 16, 1925.

Laufe's Rake

No claim is made to the exclusive right to use of the surname "Laufe's" except in the particular connection and association in which it appears with the rest of the mark shown in drawing.

Particular description of goods.—Combs Made of Material Other Than Precious Metal.
Claims use since Feb. 1, 1925.

Ser. No. 220,480. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SHOTWELL MFG. CO., Chicago, Ill. Filed Sept. 19, 1925.

Sure Mike

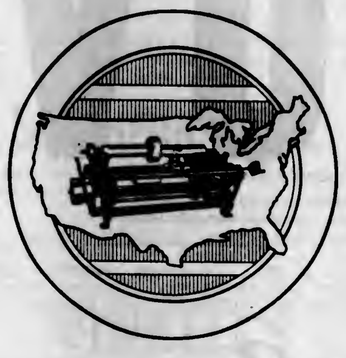
Particular description of goods.—Candy Bars.
Claims use since Aug. 18, 1921.

Ser. No. 220,541. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KIBBE BROTHERS COMPANY, Springfield, Mass. Filed Sept. 21, 1925.

Isle of Beauty

Particular description of goods.—Candy.
Claims use since Sept. 1, 1925.

Ser. No. 220,575. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) B. S. ROY & SON CO., Worcester, Mass. Filed Sept. 21, 1925.



No claim is made to the exclusive right to the illustration of the machine independent of the other features of the trade-mark. The lining indicates shading only.

Particular description of goods.—Grinders for Textile Cards, Calender Rolls for Paper Mills, Garnet Rolls, Napper Rolls, and Shearing Blades.
Claims use since 1914.

Ser. No. 220,610. (CLASS 12. CONSTRUCTION MATERIALS.) C. W. KEENAN, INC., Brooklyn, N. Y. Filed Sept. 22, 1925.

"RUGBY"

Particular description of goods.—Roofing Cement.
Claims use since Sept. 2, 1925.

Ser. No. 220,621. (CLASS 38. PRINTS AND PUBLICATIONS.) SIMMONS-BOARDMAN PUBLISHING CO., New York, N. Y. Filed Sept. 22, 1925.

Marine Engineering and Shipping Age

Particular description of goods.—Magazine Published Periodically.
Claims use since September, 1921.

Ser. No. 220,797. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CAROLUS M. PAULSON, doing business as Kalkus Chemical Company, Minneapolis, Minn. Filed Sept. 25, 1925.

KAL-KUS

Particular description of goods.—Foot Powder for Soft Corns, Calli, and Aching, Tired, Itching, Perspiring, and Odorous Feet.
Claims use since Sept. 21, 1925.

Ser. No. 220,821. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN STORES COMPANY, Philadelphia, Pa. Filed Sept. 26, 1925.

AMERICAN STORES CO

No claim is made to the registration of the name of applicant except in the particular and distinctive manner shown by drawing.

Particular description of goods.—Coffee, Paprika, Celery Salt, Grape Jelly, Crab-Apple Jelly, Quince Jelly, Red-Currant Jelly, Bacon, Cracker Meal, Tapioca, Peanut Butter, Canned Peaches, Evaporated Milk, Seedless Raisins, Corn Flakes, Canned Apricots, Canned Asparagus, Canned Asparagus Tips, Bread Crumbs, Rice, Canned Sauerkraut, Canned Cherries, Catchup, Corn Meal, Canned Tomato Purée, Canned Tomato Concentrated, Canned Pears, Canned Tunny Fish, Canned Shrimp, Canned Pumpkins, Cocoa, Canned Raspberries, Canned Strawberries, Canned Fruit Salad, Canned Beets, Strawberry Preserves, Raspberry Preserves, Peach Preserves, Pineapple Preserves, Blackberry Preserves, Canned Pineapple, Canned Spinach, Butter, Canned Stringless Beans, Canned Peas, Canned Tomatoes, Canned Corn, Canned Lima Beans, Canned Succotash, Canned Beans with Pork and Tomato Sauce, Canned Salmon, Condensed Milk, Pancake Flour, Buckwheat Flour, Macaroni, Noodles, Cake, Rolled Oats, Farina, Cornstarch, Threaded Codfish, Olives, Food Sirup, Dried Currants, Tea, Extract of Vanilla for Food-Flavoring Purposes, Allspice, Mustard, Mustard Seed, Cloves, Celery Seed, Cinnamon, Caraway Seed, Black Pepper, White Pepper, Red Pepper, Ginger, Nutmeg, Mixed Spices, Vinegar, and a Breakfast Drink Used as a Substitute for Coffee.

Claims use since June, 1917 on coffee; on paprika and celery salt since Feb. 13, 1918; on grape jelly, crab-apple jelly, quince jelly, and red-currant jelly since May 10, 1918; on bacon since May 11, 1918; on cracker meal since Apr. 9, 1920; on tapioca since Apr. 21, 1920; on peanut butter since July 15, 1920; on peaches since Sept. 8, 1920; on evaporated milk since Mar. 4, 1921;

on seedless raisins since Mar. 5, 1921; on corn flakes since Apr. 1, 1921; on apricots since June 28, 1921; on asparagus and asparagus tips since Aug. 18, 1921; on bread crumbs and rice since Sept. 6, 1921; on sauerkraut and cherries since Sept. 22, 1921; on catchup since Oct. 25, 1921; on corn meal since Nov. 23, 1921; on tomato purée and tomato concentrated since Feb. 12, 1922; on pears since June 11, 1922; on tunny fish since July 10, 1922; on shrimp since July 28, 1922; on pumpkins since Aug. 17, 1922; on cocoa since Sept. 15, 1922; on raspberries, strawberries, and fruit salad since Sept. 21, 1922; on beets since Oct. 30, 1922; on strawberry preserves, raspberry preserves, peach preserves, pineapple preserves, and blackberry preserves since July 10, 1923; on pineapple since Aug. 23, 1923; on spinach since Sept. 18, 1923; on butter, stringless beans, peas, tomatoes, corn, lima beans, succotash, beans with pork and tomato sauce, salmon, condensed milk, pancake flour, buckwheat flour, macaroni, noodles, cake, rolled oats, farina, cornstarch, threaded codfish, olives, food sirup, dried currants, tea, extract of vanilla since May, 1917; on allspice, mustard, mustard seed, cloves, celery seed, cinnamon, caraway seed, black pepper, white pepper, red pepper, ginger, nutmeg, mixed spices, and vinegar since Feb. 13, 1918; and on breakfast drink used as a substitute for coffee since Feb. 26, 1925.

Ser. No. 220,880. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE WM. SCHOLLHORN CO., New Haven, Conn. Filed Sept. 28, 1925.

ESKIMO

Particular description of goods.—Tools, and More Particularly Ice Picks, and Ice Shavers.
Claims use since Feb. 1, 1925.

Ser. No. 220,920. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) SANTA FE BUILDERS SUPPLY COMPANY, Santa Fe, N. Mex. Filed Sept. 28, 1925.



Particular description of goods.—Paints, Varnishes, Stains, and Enamels, Each in Dry, Paste, Liquid, and Ready-Mixed Forms.
Claims use since Feb. 1, 1925.

Ser. No. 220,921. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) SANTA FE BUILDERS SUPPLY COMPANY, Santa Fe, N. Mex. Filed Sept. 28, 1925.

SANBUSCO

Particular description of goods.—Paints, Varnishes, Stains, and Enamels, Each in Dry, Paste, Liquid, and Ready-Mixed Forms.
Claims use since Feb. 1, 1925.

Ser. No. 220,948. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) W. T. GRANT COMPANY, Lynn, Mass., and New York, N. Y. Filed Sept. 29, 1925.

LYNCREST

Particular description of goods.—Flat Silver-Plated Table Ware.
Claims use since Sept. 12, 1925.

Ser. No. 220,950. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE HAWDOS CORPORATION, Corning, N. Y. Filed Sept. 29, 1925.

SUPERSNUBS

Particular description of goods.—Shock Absorbers.
Claims use since Sept. 23, 1925.

Ser. No. 220,971. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE OHIO VALLEY COFFEE CO., Portsmouth, Ohio. Filed Sept. 29, 1925.

OV

Particular description of goods.—Coffee.
Claims use since Mar. 10, 1923.

Ser. No. 221,095. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) COLUMBIA PHONOGRAPH COMPANY, INC., Bridgeport, Conn. Filed Oct. 2, 1925.

Harmony

Particular description of goods.—Phonograph Records, Both Recording and Reproducing; Phonograph Apparatus for Recording and Reproducing Sounds—Namely, Sound-Recording Machines and Reproducing Phonographs; Automatic Musical Instruments of the Character Known as Multiple Playing Phonographs, Parts for Such Phonographs, Recording Machines, and Automatic Musical Instruments; Also the Following Accessories Therefor—Namely, Needles, Stop Mechanism, Mechanical Phonograph Motors, Reproducers, Recorders, Diaphragms, Needle Cups, Horns, and Tone Arms; Record Envelopes and Albums.
Claims use since about June 1, 1925.

Ser. No. 221,111. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FYON & FYON LIMITED, Montreal, Quebec, Canada. Filed Oct. 2, 1925.



All wording as shown on drawing is disclaimed. The drawing comprises a tricolor strip in red, white, and blue and the representation of a woman holding a bottle.
Particular description of goods.—Javelle Water.
Claims use since January, 1898.

Ser. No. 221,114. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK J. GUYOT, also doing business as Coro Coffee Company, St. Louis, Mo. Filed Oct. 2, 1925.

Coro

Particular description of goods.—Coffee.
Claims use since 1909.

Ser. No. 221,212. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ELMER W. SMITH INC., Seattle, Wash. Filed Oct. 3, 1925.

SOUTHERN PRIDE

Particular description of goods.—Canned Salmon.
Claims use since June 23, 1925.

Ser. No. 221,238. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) G. CINELLI COMPANY, Tacoma, Wash. Filed Oct. 5, 1925.



Applicant disclaims the surname "Cinelli's" apart from the mark shown in the drawing.
Particular description of goods.—Pepper in Vinegar, Pickled Onions; Bottled and Bulk Sour, Sweet, and Mixed Pickles; Imported Roman and Parmingiano Cheese, Olive Oil; Salad Oil—Namely, Cottonseed Oil, Corn Oil, or Blended; Green, Ripe, and Stuffed Olives; Olive Butter, Vinegar, Bottled Cherries; Dried Fruits—Namely, Citrons, Peaches, Apricots, Apples, Prunes, Figs, Pears, and Raisins; Macaroni, Spaghetti, Candies; Fruit Preserves—Namely, Strawberry, Peach, Apple, Pear, Raspberries; Mustard, Honey, Peanut Butter; Canned Vegetables—Namely, Beets, Artichokes, Pimientos, Corn, Peas, String Beans, Cardoons, Tomatoes; Tomato Sauce, Tomato Paste, Tomato Catchup, Chili Sauce; Canned Fruits—Namely, Peaches, Apricots, Figs, Pineapples, Cherries; Dry Rice, Dry Beans, Malt Sirup for Food Purposes, Cane Sirup, Maple Sirup; Canned and Smoked Fish—Namely, Tunny in Oil, Sardines in oil and sauce, Sardines in Salt, Anchovies in Oil, Alici in Oil, Alici in Sauce, Oysters, Shrimps, Crab Meat, Salmon, Codfish, Smoked Halibut, Smoked Herring, Smoked Codfish.
Claims use since January, 1923.

Ser. No. 221,250. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ONG FOON, doing business as Ong Foon Manufacturing Company, San Francisco, Calif. Filed Oct. 5, 1925.



The portrait shown is that of applicant.
Particular description of goods.—Preparation for Polishing Metals, Glassware, and Any Finished Metallic Surface.
Claims use since June 20, 1925.

Ser. No. 221,285. (CLASS 32. FURNITURE AND UPHOLSTERY.) THE SPENCER-DUFFY COMPANY, INC., Grand Rapids, Mich. Filed Oct. 5, 1925.

SANITIQUE

Particular description of goods.—Detachable Fabric Coverings for Furniture, Cushions, and Pillows.
Claims use since on or about June 1, 1925.

Ser. No. 221,316. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) OTTO HAFNER, Wandsbek, near Hamburg, Germany. Filed Oct. 6, 1925.

Jxion

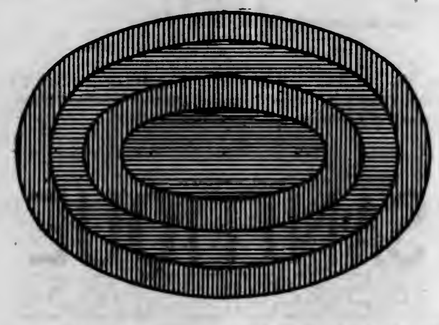
Particular description of goods.—Machines for Making Tools, and Tools—Namely, Hand Drills, Breast Drills, Braces, Double-Grip Drill Chucks, Three-Jaw Drill Chucks, Sleeves, Taps, Tap Wrenches, Stocks and Dies for Motor Cars, and Reamers.
Claims use since July 24, 1919.

Ser. No. 221,318. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. & H. HOFFMAN, Manchester, Md. Filed Oct. 6, 1925.

M and H PILE BATHE

No claim is made to the words "Pile Bathe" apart from the mark shown in the drawing.
Particular description of goods.—Lotion for the Treatment of Piles.
Claims use since Sept. 19, 1925.

Ser. No. 221,356. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EL FOOD CORPORATION, Newark, N. J. Filed Oct. 7, 1925.



The drawing is lined to indicate the colors red and blue.
Particular description of goods.—Mayonnaise.
Claims use since August, 1922.

Ser. No. 221,424. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) I. M. Co., Oakland, Calif. Filed Oct. 8, 1925.

HOSHI

Particular description of goods.—Medical and Pharmaceutical Products—Namely, Quinine, Tonic Medicine, Toothache Drops, Salve for Boils, Kidney Medicine, Purgative, Cough Medicine, Infant Bowel Corrective, Eyedrops, Tonic Pills, Tonic Powder, a Preparation for the Treatment of Worms, a Preparation for the Treatment of Colds, and a Preparation for the Treatment of Infant Dyspepsia.
Claims use since October, 1922.

Ser. No. 221,431. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

Opopanol

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since July 6, 1920.

Ser. No. 221,432. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

HELIOTROPOL

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since Jan. 13, 1897.

Ser. No. 221,433. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

OLNICERA

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since Sept. 23, 1912.

Ser. No. 221,434. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

"MOUSSAROME"

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since Mar. 29, 1922.

Ser. No. 221,435. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

"CORALYS"

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since Mar. 29, 1922.

Ser. No. 221,436. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.



The words "Chuit, Naef & Cie," "M. Naef & Cie, Succrs," "Geneve," and "Marque De Fabrique" are disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since Aug. 26, 1910.

Ser. No. 221,437. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

"SYLVESTRAL"

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since Nov. 8, 1922.

Ser. No. 221,438. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

• VIOLETTOL •

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since Feb. 17, 1897.

Ser. No. 221,439. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

• VIOLETTONE •

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since Feb. 17, 1897.

Ser. No. 221,440. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

"CHIRONIAX"

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since July 24, 1923.

Ser. No. 221,441. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

"CHEIRIA"

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since July 24, 1925.

Ser. No. 221,442. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

Maïalis

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since July 6, 1920.

Ser. No. 221,443. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

Grenadol

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since July 6, 1920.

Ser. No. 221,444. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

• FLORENTINOL •

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since Feb. 17, 1897.

Ser. No. 221,445. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

AROMANTHÈME

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since Oct. 28, 1903.

Ser. No. 221,446. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. NAEF & CIE., Geneva, Switzerland. Filed Oct. 8, 1925.

DIANTHÉOL

Particular description of goods.—Artificial and Synthetical Perfumes and Essential Oils for the Production of Perfumes.
Claims use since Feb. 8, 1901.

Ser. No. 221,503. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NORTHWESTERN MILLING CO., Little Falls, Minn. Filed Oct. 9, 1925.

ROYAL QUALITY

Particular description of goods.—Wheat Flour.
Claims use since Mar. 1, 1906.

Ser. No. 221,514. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) SOUTHWESTERN PAINT & ASPHALT COMPANY, INC., Ardmore, Okla. Filed Oct. 9, 1925.

SOPASCO

Particular description of goods.—Roofing Paint and Varnish.
Claims use since 1924.

Ser. No. 221,531. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ARMOUR AND COMPANY, Chicago, Ill. Filed Oct. 10, 1925.

MOROLA

Particular description of goods.—Nut Margarine.
Claims use since June 15, 1925.

Ser. No. 221,567. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) WALTER G. ROLL, doing business as The Missouri Company, St. Louis, Mo. Filed Oct. 10, 1925.



The word "Shiner" is disclaimed apart from the mark shown on the drawing.
Particular description of goods.—Canned Cleaning and Polishing Powder for the Cleaning of Glass and Polishing of Metal.
Claims use since June 1, 1925.

Ser. No. 221,601. (CLASS 28. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) ERD MOTORS CORPORATION, Saginaw, Mich. Filed Oct. 12, 1925.



Applicant disclaims the word "Erd" and the phrase "Peak of Power."
Particular description of goods.—Internal-Combustion Engines and Their Parts.
Claims use since Sept. 1, 1925.

Ser. No. 221,608. (CLASS 38. PRINTS AND PUBLICATIONS.) THE HERALD NEWS COMPANY, El Paso, Tex. Filed Oct. 12, 1925.

EL PASO HERALD

Particular description of goods.—Newspapers.
Claims use since 1881.

Ser. No. 221,628. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.). MCNAMARA BROS., Whiting, Ind. Filed Oct. 12, 1925.

"Hotsy-Totsy"

Particular description of goods.—Sauce Composed of Sweet India Relish, French Mustard, Pimiento Slices, and Vinegar.
Claims use since June 1, 1923.

Ser. No. 221,630. (CLASS 4. ABRASIVE. DETERGENT, AND POLISHING MATERIALS.) MULLEN BROTHERS, Brockton, Mass. Filed Oct. 12, 1925.

Dri-Namel

Particular description of goods.—Material for Repairing Patent Leather by Applying a Surface Coating Thereto.
Claims use since Sept. 15, 1925.

Ser. No. 221,655. (CLASS 28. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE ACME SHEAR COMPANY, Bridgeport, Conn. Filed Oct. 13, 1925.

CRUCIBLE BRAND



The word "Brand" is disclaimed apart from the other features of the mark shown in the drawing.
Particular description of goods.—Scissors and Shears.
Claims use since Nov. 21, 1923.

Ser. No. 221,660. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COMMERCIAL CREAMERY COMPANY, Spokane, Wash. Filed Oct. 13, 1925.

EATSUM

Particular description of goods.—Peanut Butter.
Claims use since Sept. 25, 1925.

Ser. No. 221,663. (CLASS 38. PRINTS AND PUBLICATIONS.) THE HERALD NEWS COMPANY, El Paso, Tex. Filed Oct. 13, 1925.

El Paso NEWS-Herald

Particular description of goods.—Newspapers.
Claims use since Jan. 27, 1925.

Ser. No. 221,679. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ZEIGLER CANNING & PRESERVING COMPANY, Muscatine, Iowa. Filed Oct. 13, 1925.

GENEVA COUNTRY CLUB

Particular description of goods.—Canned Vegetables.
Claims use since Oct. 1, 1921.

Ser. No. 221,685. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) ADAYAKA LABORATORIES, Newark, N. J. Filed Oct. 14, 1925.



No claim is made to the exclusive use of the word "Polish" apart from the mark shown in the drawing.
Particular description of goods.—Piano and Furniture Polish.
Claims use since July 11, 1925.

Ser. No. 221,722. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) NOEL STATHAM, New York, N. Y. Filed Oct. 14, 1925.

CLOSLOCK
AIRTITE

The word "Airtite" is disclaimed apart from the trademark shown in the drawing.
Particular description of goods.—Tobacco Pouches.
Claims use since about Sept. 1, 1925.

Ser. No. 221,725. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) CHARLES F. VALENTINE, Glenwood Springs, Colo. Filed Oct. 14, 1925.

VALENTINE'S SUPERIOR HAND SOAP

The surname "Valentine," together with "Superior," "Hand Soap," and "Clean Hands" is disclaimed apart from the mark shown.

Particular description of goods.—Mechanics' Hand Soap.

Claims use since Aug. 1, 1925.

Ser. No. 221,728. (CLASS 39. CLOTHING.) JOSEPH ECKSTEIN INC., New York, N. Y. Filed Oct. 9, 1925. Trade-mark consists of the word "Pickfordress".

PICKFORDRESS

Particular description of goods.—Ladies', Misses', and Children's Suits Consisting of Skirts and Jackets, Coats, Waists, Dresses, and Skirts.

Claims use since Aug. 4, 1925.

Ser. No. 221,730. (CLASS 39. CLOTHING.) JOSEPH ECKSTEIN INC., New York, N. Y. Filed Oct. 9, 1925.

SHADOWBROOK SPORTWEAR

Trade-mark consists of the word "Shadowbrook".

Particular description of goods.—Ladies', Misses', and Children's Suits Consisting of Skirts and Jackets, Coats, Waists, Dresses, and Skirts.

Claims use since Aug. 4, 1925.

Ser. No. 221,735. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) BASKIN BROTHERS, New York, N. Y. Filed Oct. 15, 1925.

LOVE-DARTS

Particular description of goods.—Finger Rings and Finger-Ring Mountings.

Claims use since about 1925.

Ser. No. 221,739. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CREAM OF WHEAT COMPANY, Minneapolis, Minn. Filed Oct. 15, 1925.



Particular description of goods.—Wheat Breakfast Food.

Claims use since July 15, 1925.

Ser. No. 221,740. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CREAM OF WHEAT COMPANY, Minneapolis, Minn. Filed Oct. 15, 1925.

CREAM OF WHEAT



Particular description of goods.—Wheat Breakfast Food.

Claims use since July 15, 1925.

Ser. No. 221,867. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) AMERICAN GEAR COMPANY, Jackson, Mich. Filed Oct. 17, 1925.



AMERICAN PISTON PINS

The representation of a piston pin appearing on the drawing and the wording thereon do not form a part of the registration sought separate from the mark as shown.

Particular description of goods.—Piston Pins.

Claims use since Oct. 1, 1925.

Ser. No. 221,888. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ENEGLOTARIA MEDICINE CO., INC., New York, N. Y. Filed Oct. 17, 1925.

Maravillosa Coronada de Eneglotaria (Genuina)

DOSIS: de 10 a 30 gotas disueltas en un poco de agua antes de cada comida.

Cada frasco contiene 20 gramos de la solucion.

No rights are asserted to the exclusive use of the language, "Genuina—Dosis de 10 a 30 gotas disueltas en un poco de agua antes de cada comida. Cada frasco contiene 20 gramos de la solucion," apart from the trade-mark as shown in the drawing.

Particular description of goods.—Medicine for the relief of Dyspepsia, Stomach Trouble, Affection of the Liver, and Menstruation.

Claims use since Feb. 19, 1919.

Ser. No. 221,896. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) HICK, HICK & BANNATYNE, Brentwood, England. Filed Oct. 17, 1925.

IXOLAIN

Particular description of goods.—Plastic Composition for Use in Making and Repairing Dental Plates and the Like.

Claims use since Feb. 18, 1925.

Ser. No. 221,954. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) ELLIOT, GREENE & CO. INC., New York, N. Y. Filed Oct. 19, 1925.

Marjorie

Particular description of goods.—Beads Except of Precious Metal, Beaded Bags Unmounted, Dress Trimmings, Imitation Pearls, Rhinestones, Sequins, and Spangles for Trimming Wearing Apparel.

Claims use since May 1, 1925.

Ser. No. 221,970. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) JOHNS-MANVILLE, INCORPORATED, New York, N. Y. Filed Oct. 19, 1925.



No registration rights are claimed in the representation of the packing shown in the drawing. The mark consists of a red strand and is applied or affixed to the goods by braiding the red strand appearing on the surface of the goods at regular intervals, as shown by the color lining in the drawing. All other lining in drawing indicates shading only.

Particular description of goods.—Flax Packing for Glands, Stuffing Boxes, Valve Stems, Pistons, Piston Rods, and Plungers.

Claims use since May 22, 1925.

Ser. No. 221,996. (CLASS 12. CONSTRUCTION MATERIALS.) THE ALPHA-LUX COMPANY, INC., New York, N. Y. Filed Oct. 20, 1925.

LUXIT

Particular description of goods.—Fire-Resisting Powdered Material for Use as a Lining for Furnaces, Cupolas, Converters, Steel Pans, and the Like.

Claims use since Oct. 1, 1925.

Ser. No. 222,019. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) EGON BRAUN AKTIENGESELLSCHAFT, Hamburg, Germany. Filed Oct. 20, 1925.

TRADE MARK

The words "Trade-Mark" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Brandies, Liqueurs, Punches, Alcoholic Essences and Extracts for Making Alcoholic Beverages.

Claims use since 1885.

Ser. No. 222,037. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CLAUDE W. KENNS, doing business as Buckfield Plantation, Yemassee, S. C. Filed Oct. 20, 1925.



Particular description of goods.—Asparagus in Fresh, Dried, and Preserved Condition.
Claims use since Apr. 2, 1925.

Ser. No. 222,053. (CLASS 12. CONSTRUCTION MATERIALS.) LEON SCHEERDERS VAN KERCHOVE, St. Nicolas, Belgium. Filed Oct. 20, 1925.



Applicant makes no claim to the exclusive use of any of the wording shown on the drawing with the exception of the letters "S. V. K."
Particular description of goods.—Artificial Slates, Slabs, Plain or Waved.
Claims use since June, 1921.

Ser. No. 222,055. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) WAUBUN COAL COMPANY, Chicago, Ill. Filed Oct. 20, 1925.



The words "Cube" and "Cannel" and the representation of the goods are disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Coal.
Claims use since 1912.

Ser. No. 222,086. (CLASS 39. CLOTHING.) D. M. OBERMAN MFG. CO., New York, N. Y. Filed Oct. 21, 1925.

Oberman

The mark is a facsimile signature of D. M. Oberman, a member of the firm, and the name is disclaimed apart from the display shown.
Particular description of goods.—Men's Work Shirts, Flannel Shirts, Lumberjack Shirts, Suits, Pants, Norfolk Coats, and Overalls.
Claims use since January, 1923.

Ser. No. 222,108. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CHICAGO PNEUMATIC TOOL COMPANY, New York, N. Y. Filed Oct. 22, 1925.

C P

Particular description of goods.—Fluid-Pressure Machines and Tools, Particularly Fluid-Pressure Percussion Tools, Including Pneumatic Hammers, Pneumatic Stone Tools, Pneumatic Hammer Drills, Rock Drills, and Parts Thereof.
Claims use since about February, 1922.

Ser. No. 222,127. (CLASS 31. FILTERS AND REFRIGERATORS.) KIMBERLY-CLARK COMPANY, Neenah, Wis. Filed Oct. 22, 1925.

Cellu Filter

No claim is made to the word "Filter" apart from the mark shown in the drawing.
Particular description of goods.—Filter Disks Made of Paper.
Claims use since Sept. 9, 1925.

Ser. No. 222,152. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 23, 1925.

BAKELITE

Particular description of goods.—Molding Compositions.
Claims use since May 15, 1924.

Ser. No. 222,200. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE ST. JACOBS OIL COMPANY, Wilmington, Del. Filed Oct. 23, 1925. Under ten-year proviso.

HAMBURGER
Bryft Thee.

Particular description of goods.—Medicine for Use in Treating Affections of the Throat and Chest.
Claims use since 1871.

Ser. No. 222,201. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE ST. JACOBS OIL COMPANY, Wilmington, Del. Filed Oct. 23, 1925. Under ten-year proviso.

HAMBURG
BREAST TEA

Particular description of goods.—Medicine for Use in Treating Affections of the Throat and Chest.
Claims use since 1874.

Ser. No. 222,215. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BONWIT TELLER & Co., New York, N. Y. Filed Oct 24, 1925.



No claim is made to the words "Fleur de Jasmin" apart from the mark as shown.
Particular description of goods.—Perfumery.
Claims use since about May 15, 1925.

Ser. No. 222,263. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) FRANK S. LYNDALL, doing business as Elbar Laboratories and also as El Bar Chemical Co., Chicago, Ill. Filed Oct. 24, 1925.

ELBAR

Particular description of goods.—Polishes for Woodwork, Furniture, Pianos, and Automobiles.
Claims use since Apr. 1, 1925.

Ser. No. 222,265. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) FRANK S. LYNDALL, doing business as El Bar Laboratories and also as El Bar Chemical Co., Chicago, Ill. Filed Oct. 24, 1925.

ELBAR

Particular description of goods.—Liquid Cleaner.
Claims use since Apr. 1, 1925.

Ser. No. 222,348. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) SOCIÉTÉ DES FORCES MOTRICES DE LA VALLÉE D'ASPE, Paris, France. Filed Oct. 26, 1925.

CORASPITE

Particular description of goods.—Aluminous Crystallized Abrasive in the Raw State.
Claims use since Sept. 1, 1925.

Ser. No. 222,374. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) FOREST ELECTRIC CO., INC., Newark, N. J. Filed Oct. 27, 1925.

PORTOMETER

Particular description of goods.—Battery-Testing Devices.
Claims use since Nov. 1, 1924.

Ser. No. 222,400. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) RAPID ADDRESSING MACHINE COMPANY, New York, N. Y. Filed Oct. 27, 1925. Under ten-year proviso.

RAPID ADDRESSING MACHINE CO.
ELLIMAP SYSTEM

Particular description of goods.—Addressing Machines.
Claims use since 1885.

Ser. No. 222,406. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RAPID ADDRESSING MACHINE COMPANY, New York, N. Y. Filed Oct. 27, 1925.

FIBROLAC

Particular description of goods.—Chemical Composition for Obliterating Characters in Paper Stencils.
Claims use since Jan. 1, 1919.

Ser. No. 222,407. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) JAY E. SCHENCK, Denver, Colo. Filed Oct. 27, 1925.

MYSTISCOPE

Particular description of goods.—Fortune-telling Games.
Claims use since about Oct. 1, 1925.

Ser. No. 222,414. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) TAILOR'S CLEANING FLUID COMPANY, INCORPORATED, New York, N. Y. Filed Oct. 27, 1925.



No claim is made herein to the words "Tailor's Cleaning Fluid" apart from the mark as shown in the drawing.
Particular description of goods.—Dry-Cleaning Liquid.
Claims use since Sept. 4, 1925.

Ser. No. 222,417. (CLASS 38. PRINTS AND PUBLICATIONS.) UNITED PUBLISHERS CORPORATION, New York, N. Y. Filed Oct. 27, 1925.

ELECTRICAL GOODS

Particular description of goods.—Section of a Periodical Trade Publication.
Claims use since Feb. 26, 1925.

Ser. No. 222,420. (CLASS 39. CLOTHING.) VORZIMER, SUSKIND CO., INC., New York, N. Y. Filed Oct. 27, 1925.



No claim is made to the exclusive use of the word "Cravat" and the representation of a cravat apart from the mark shown on the drawing.
Particular description of goods.—Men's Neckties and Cravats.
Claims use since Aug. 13, 1925.

Ser. No. 222,473. (CLASS 45. BEVERAGES, NONALCOHOLIC.) MT. SHASTA MINERAL SPRING COMPANY, doing business as Shasta Water Company, San Francisco, Calif. Filed Oct. 28, 1925.

Shasta

Trade-mark consists of the word "Shasta."
Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks, and Water.
Claims use since 1889.

Ser. No. 222,474. (CLASS 45. BEVERAGES, NONALCOHOLIC.) MT. SHASTA MINERAL SPRING COMPANY, doing business as Shasta Water Company, San Francisco, Calif. Filed Oct. 28, 1925.



The word "Water" is disclaimed apart from the mark as shown.
Particular description of goods.—Recarbonated Water.
Claims use since 1889.

Ser. No. 222,519. (CLASS 37. PAPER AND STATIONERY.) REMINGTON TYPEWRITER COMPANY, Ilion and New York, N. Y. Filed Oct. 29, 1925.

REMTICO

The trade-mark "Remtico" is printed partly in red, as indicated by the conventional color lines on the drawing; but color, either red or any other color, is disclaimed.
Particular description of goods.—Typewriter Paper.
Claims use since about 1914.

Ser. No. 222,529. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) TIGER TRANSMISSION COMPANY, Seattle, Wash. Filed Oct. 29, 1925.

TIGER

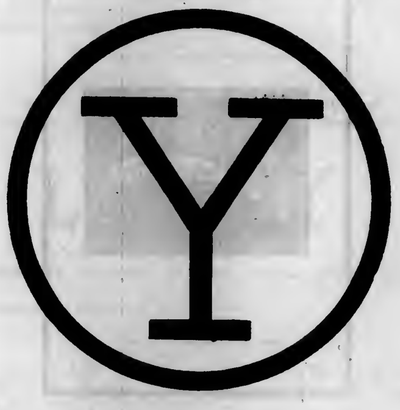
Particular description of goods.—Transmissions for Automobiles and Other Motor Vehicles.
Claims use since Sept. 25, 1925.

Ser. No. 222,532. (CLASS 38. PRINTS AND PUBLICATIONS.) WARE BROS. COMPANY, Philadelphia, Pa. Filed Oct. 29, 1925.

The American Fertilizer Hand Book

Particular description of goods.—Trade Journal Published Annually.
Claims use since June 1, 1919.

Ser. No. 222,534. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE YOUNGSTOWN SHEET AND TUBE COMPANY, Youngstown, Ohio. Filed Oct. 29, 1925.



Particular description of goods.—Steel Pipe.
Claims use since about 1904.

Ser. No. 222,536. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE YOUNGSTOWN SHEET AND TUBE COMPANY, Youngstown, Ohio. Filed Oct. 29, 1925.



Particular description of goods.—Steel Pipe and Pipe Couplings.
Claims use since about 1904.

Ser. No. 222,557. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) F. W. BREWSTER, Bakersfield, Calif. Filed Oct. 30, 1925.

GRAY-APES

Particular description of goods.—Fresh Grapes.
Claims use since July 13, 1925.

Ser. No. 222,588. (CLASS 37. PAPER AND STATIONERY.) THE WAHL COMPANY, Chicago, Ill. Filed Oct. 30, 1925.

EVERSCRIPT

Particular description of goods.—Fountain Pens.
Claims use since Oct. 15, 1925.

Ser. No. 222,601. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EUGENIA T. DUKE, doing business as Duke Products Co., Greenville, S. C. Filed Oct. 31, 1925.

HOPPIN' JOHN

Particular description of goods.—Food Product Consisting of Rice, Hog Jowl, and Flavoring Matter.
Claims use since July 15, 1925.

Ser. No. 222,641. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CLYDE L. SHIPMAN, Hughesville, Pa. Filed Oct. 31, 1925.



Registration of the surname "Shipman" is disclaimed.
Particular description of goods.—Self-Rising Flour.
Claims use since January, 1923.

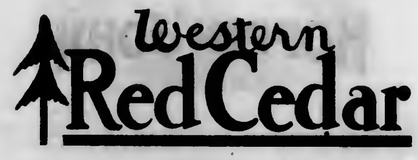
Ser. No. 222,695. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TERESA O. MICHAEL, doing business as Imogene's Food Products Comp'y, Canton, Ohio. Filed Nov. 2, 1925.



No claim is made to the word "Pepper" apart from the mark shown.

Particular description of goods.—Sweet-Pepper Relish.
Claims use since Oct. 15, 1925.

Ser. No. 222,705. (CLASS 12. CONSTRUCTION MATERIALS.) RED CEDAR LUMBER MANUFACTURERS' ASSOCIATION OF THE PACIFIC COAST, Seattle, Wash. Filed Nov. 2, 1925.



Applicant disclaims the words "Western Red Cedar" apart from the mark shown in the drawing.

Particular description of goods.—Lumber.
Claims use since Feb. 1, 1925.

Ser. No. 222,720. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WHEATAL COMPANY, Bangor and Addison, Me. Filed Nov. 2, 1925.



Particular description of goods.—Cereal Breakfast Food.
Claims use since July, 1924.

Ser. No. 222,769. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NATHAN WASSERSTROM, doing business as N. Wasserstrom & Sons, Columbus, Ohio. Filed Nov. 3, 1925.



Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since May 8, 1925.

Ser. No. 222,775. (CLASS 15. OILS AND GREASES.) W. H. BARBER COMPANY, Minneapolis, Minn. Filed Nov. 4, 1925.



Applicant disclaims exclusive use of the words "A Higher Test" except as they appear in connection with the mark.

Particular description of goods.—Petroleum Products—Namely, Gasoline, Kerosene, Fuel Oil, Petroleum Distillate.
Claims use since Jan. 15, 1925.

Ser. No. 222,786. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) DIAMOND CHAIN AND MANUFACTURING COMPANY, Indianapolis, Ind. Filed Nov. 4, 1925.

DIAMOND

Particular description of goods.—Chains, Machine-made Chains, Bicycle Chains, Motorcycle Chains, Automobile Chains, Chain Parts, Roller Links, and Connecting Links.
Claims use since Apr. 15, 1896.

Ser. No. 222,795. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROMAINE M. PHILES, doing business as La Romaine, Washington, D. C. Filed Nov. 4, 1925.



Particular description of goods.—Facial Cream, Astringent Cream, Acne Cream, Cleansing Cream, Hair Tonic, Face Lotion, Astringent Lotion, Face Bleach, Liquid Powders, Brilliantine, Nail Cuticle, Hair Pomade, and Nail Bleach.
Claims use since Aug. 1, 1924.

Ser. No. 222,835. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FLETCHER-WILSON COFFEE CO., Nashville, Tenn., and Atlanta, Ga. Filed Nov. 5, 1925.

LUXURY

Particular description of goods.—Prepared Table Mustard.
Claims use since Oct. 1, 1925.

Ser. No. 222,853. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LIMPERT BROS., INC., New York, N. Y. Filed Nov. 5, 1925.

CHOC-O-HOT

Trade-mark consists of the words "Choc-O-Hot."
Particular description of goods.—Chocolate and Cocoa Compound for the Manufacture of Soft Drinks.
Claims use since 1920.

Ser. No. 222,855. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE LORAIN COAL AND DOCK COMPANY, Columbus, Ohio. Filed Nov. 5, 1925.

LORADO

Particular description of goods.—Coal.
Claims use since 1918.

Ser. No. 222,907. (CLASS 38. PRINTS AND PUBLICATIONS.) AMERICAN FASHION COMPANY, New York, N. Y. Filed Nov. 5, 1925.

Style

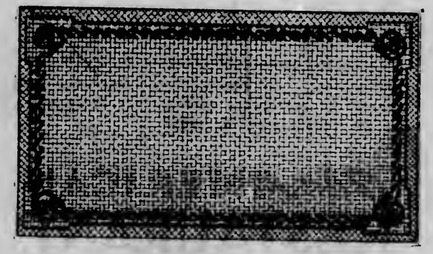
Particular description of goods.—Monthly Periodicals.
Claims use since May 1, 1918.

Ser. No. 222,920. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANTHONY K. DELLAROWE, doing business as Dellarowe Drug Company, Hollywood, Calif. Filed Nov. 6, 1925.

CURO CROME

Particular description of goods.—Tooth Paste.
Claims use since Aug. 10, 1925.

Ser. No. 222,921. (CLASS 38. PRINTS AND PUBLICATIONS.) DENNISON MANUFACTURING COMPANY, Framingham, Mass. Filed Nov. 6, 1925.



The lining on the drawing indicates the colors gilt and orange.

Particular description of goods.—Printed Tags, Cards, Seals, and Cut-Outs.
Claims use since Oct. 16, 1925.

Ser. No. 222,929. (CLASS 25. LOCKS AND SAFES.) AUGUST J. LURIE, doing business as Lurie Products, Chicago, Ill. Filed Nov. 6, 1925.

Quicklock

Particular description of goods.—Locks, and Particularly Locks for Garage Doors and Similar Types of Doors.
Claims use since Apr. 1, 1925.

Ser. No. 222,930. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) MANHATTAN BAND INSTRUMENT CO., INC., New York, N. Y. Filed Nov. 6, 1925.

SUPERUKE

Particular description of goods.—Ukuleles and Banjo Ukuleles.
Claims use since Nov. 2, 1925.

Ser. No. 222,936. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) MUSICAL SPECIALTIES COMPANY, INC., Elkhart, Ind. Filed Nov. 6, 1925.

U-KING

Particular description of goods.—Banjo Ukulele.
Claims use since Oct. 10, 1925.

Ser. No. 222,994. (CLASS 38. PRINTS AND PUBLICATIONS.) PATTERSON PUBLISHING COMPANY, Chicago, Ill. Filed Nov. 7, 1925.

The AMERICAN RESTAURANT

The Magazine For Eating Places

The descriptive phrase "The Magazine for Eating Places" is disclaimed apart from the mark shown. The mark consists of the title "The American Restaurant, The Magazine for Eating Places."
Particular description of goods.—Monthly Magazine.
Claims use since October, 1919.

Ser. No. 223,014. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN CARAMEL COMPANY, York, Pa. Filed Nov. 9, 1925.

ELECTRIC

Particular description of goods.—Candy.
Claims use since 1899.

Ser. No. 223,021. (CLASS 45. BEVERAGES, NONALCOHOLIC.) DANIEL JACKSON CARITHERS, doing business as Wichita Bottling Company, Wichita Falls, Tex. Filed Nov. 9, 1925.



The lines shown on the drawing are for shading only. No claim is made to applicant's name and address appearing on drawing.
Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks.
Claims use since Aug. 1, 1924.

Ser. No. 223,041. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JONATHAN LEVI CO. INC., Schenectady, N. Y. Filed Nov. 9, 1925.

WGY

Particular description of goods.—Canned Fruits, Including Cherries, Pineapples, Plums, Peaches, Pears, Apricots; Canned Vegetables, Including Red Kidney Beans, Lima Beans, Beets, Wax Beans, Corn, Peas, Tomatoes, Pork and Beans, Sweet Potatoes, Succotash, Squash, Sauerkraut, Pumpkin; Canned Fish—Namely, Salmon, Sardines, Tunny, Lobster, Clams; Coffee, Tea; Spices, Including Allspice, Cloves, Paprika, Pepper; Mustard, Evaporated Milk, Chili Con Carne; Canned Soups, Including Tomato, Chicken, Clam Chowder; Jams, Including Strawberry, Raspberry; Jellies, Including Strawberry, Apricot, Quince, Apple; Peanut Butter, Chocolate, Cocoa; Evaporated Fruit, Including Apple, Apricot; Raisins, Pickles, Olives, Vegetable Relish; Food-Flavoring Extracts, Including Vanilla, Lemon; Canned Meats, Including Beef, Potted Ham, Tongue; Mincemeat, Salad Oil, Olive Oil, Mayonnaise Dressing, Breakfast Cereals, Wheat Flour, Pancake Flour, Rolled Oats, Rice, Molasses, Chewing Gum, Candy; Chili Sauce, Catchup, Piccalilli, Butter, Lard, Eggs, Cheese; Bakery Products—Namely, Cakes, Cookies, Crackers, Bread; Cottonseed Oil, Corn Oil, Food Sirup, Sugar, Powdered Sugar; Alimentary Products, Including Macaroni, Spaghetti, Noodles; Vinegar; Jelly Powder, Including Lemon, Raspberry, Strawberry; Cornstarch, Tapioca, Plum Pudding, Rice Pudding.
Claims use since Oct. 1, 1925.

Ser. No. 223,046. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) ALEXANDER MCINTYRE, Jasper, Ala. Filed Nov. 9, 1925.

TRADE MARK
AR-COAL-A
COAL

No claim is made to the words "Trade-Mark" or "Coal" apart from the mark shown.
Particular description of goods.—Coal.
Claims use since Oct. 19, 1925.

Ser. No. 223,047. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MONMOUTH RUG MILLS INC., Englishtown, N. J. Filed Nov. 9, 1925.

MOLLY PITCHER RUG



No claim is made to the word "Rug" apart from the mark shown.
Particular description of goods.—Textile Rugs.
Claims use since Sept. 1, 1925.

Ser. No. 223,048. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) FREDERICK W. MUSSEHL, Toledo, Ohio. Filed Nov. 9, 1925.

GARLING

Particular description of goods.—Automobile Heaters.
Claims use since April, 1920.

Ser. No. 223,062. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) ERNEST O. TUSCH, doing business as Home Malt Company, Minneapolis, Minn. Filed Nov. 9, 1925.

Maltzbräu



Applicant disclaims exclusive use of the word "Maltzbrau" apart from the mark shown.
Particular description of goods.—Malt Extract.
Claims use since Oct. 1, 1925.

Ser. No. 223,064. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) VICTOR TALKING MACHINE COMPANY, Camden, N. J. Filed Nov. 9, 1925.



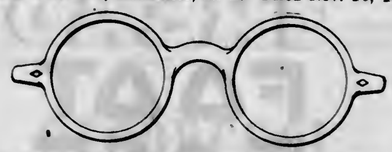
Particular description of goods.—Talking Machines and Parts Thereof and Records for Talking Machines.
Claims use since on or about July 22, 1902, to records for talking machines, and since on or about Feb. 23, 1906, to talking machines and parts thereof.

Ser. No. 223,072. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AMERICAN CHICLE COMPANY, Long Island City, N. Y. Filed Nov. 10, 1925.

IODIGUM

Particular description of goods.—Antiseptic Chewing Gum Containing Iodine for Medicinal Purposes.
Claims use since Oct. 21, 1925.

Ser. No. 223,076. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) BAUSCH AND LOMB OPTICAL COMPANY, Rochester, N. Y. Filed Nov. 10, 1925.



No claim is made to the representation of a lens-holding member apart from the mark shown. The trademark consists of a single spot of white metal applied adjacent to each lens of a lens-holding member of the nonmetallic type, as upon the end pieces of the same.
Particular description of goods.—Opthalmic and Similar Lens-Holding Members.
Claims use since summer of 1921.

Ser. No. 223,081. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHESEBROUGH MANUFACTURING CO. (CONSOLIDATED), New York, N. Y. Filed Nov. 10, 1925. Under ten-year proviso.

Chesebrough

Particular description of goods.—Petroleum Jelly and Preparations Thereof.
Claims use since about 1870.

Ser. No. 223,083. (CLASS 15. OILS AND GREASES.) THE CONTINENTAL OIL COMPANY, Denver, Colo. Filed Nov. 10, 1925.



Particular description of goods.—Gasoline, Kerosene, Lubricating Oil and Greases.
Claims use since 1914.

Ser. No. 223,095. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. HAROLD E. KELLY, Portland, Oreg. Filed Nov. 10, 1925.

The FAMOUS NEW TREAD FOOT EASE

The word "Famous" and the words "Foot Ease" are disclaimed apart from the other features of the mark.
Particular description of goods.—Deodorizing and Healing Talcum Powder.
Claims use since Aug. 1, 1925.

Ser. No. 223,099. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MILNE-O'BERRY PACKING CO., St. Petersburg, Fla. Filed Nov. 10, 1925.

SILVER KING BRAND

The word "Brand" is disclaimed apart from the other features of the mark shown in the drawing.
Particular description of goods.—Fresh Oranges and Grapefruit.
Claims use since 1923.

Ser. No. 223,102. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JAMES O. PEAVY, Selma, La. Filed Nov. 10, 1925.



Particular description of goods.—A Medicine for the Treatment of Syphilis, Blood and Skin Diseases, and Kidney Trouble.
Claims use since Sept. 20, 1925.

Ser. No. 223,108. (CLASS 12. CONSTRUCTION MATERIALS.) CHARLES WARNER COMPANY, Wilmington, Del. Filed Nov. 10, 1925.

Maxet

Particular description of goods.—Quick-Setting Plaster.
Claims use since Oct. 27, 1925.

Ser. No. 223,121. (CLASS 39. CLOTHING.) S. H. KESSLER & SONS, INC., New York, N. Y. Filed Nov. 11, 1925.



Applicant disclaims exclusive right to use of the words other than "Unit" and the French words except as the same are used in connection with the other features of the mark shown on the drawing.
Particular description of goods.—Men's Coats, Vests, Trousers, and Overcoats.
Claims use since about 1922.

Ser. No. 223,168. (CLASS 43. THREAD AND YARN.) GREAT LAKES THREAD AND YARN CO., Detroit, Mich. Filed Nov. 12, 1925.



The printed matter appearing on the drawing is disclaimed apart from the mark shown.
Particular description of goods.—Yarns and Sewing Thread.
Claims use since Oct. 7, 1925.

Ser. No. 223,174. (CLASS 38. PRINTS AND PUBLICATIONS.) JACOBSEN-HODGKINSON CORPORATION, New York, N. Y. Filed Nov. 12, 1925.

"Popular Plays and Screen Library"

Particular description of goods.—Series of Monthly Publications Containing Stories of Plays and Motion Pictures.
Claims use since about Oct. 1, 1925.

Ser. No. 223,212. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CALUMET BAKING POWDER CO., Chicago, Ill. Filed Nov. 13, 1925.

TART-ENE

Particular description of goods.—Acid Material to be Used in Making Chemical Leavening Agents.
Claims use since Sept. 30, 1925.

Ser. No. 223,217. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) RAFAEL DEL CASTILLO, Jr., New York, N. Y. Filed Nov. 13, 1925.

BITETITE

Particular description of goods.—Dental Exerciser.
Claims use since about July 12, 1925.

Ser. No. 223,220. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) C. K. EAGLE & CO. INC., Shamokin, Pa., and New York, N. Y. Filed Nov. 13, 1925.



Particular description of goods.—Textiles in the Piece of Silk or Silk Mixtures.
Claims use since Sept. 1, 1925.

Ser. No. 223,248. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JACOB MILLER'S SONS CO., Philadelphia, Pa. Filed Nov. 13, 1925.

DECORCOOL

Particular description of goods.—Cotton Goods, Linen Goods, Silk Goods, and Mixtures of Cotton and Silk and Linen and Silk, All in the Piece.
Claims use since Nov. 2, 1925.

Ser. No. 223,254. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PENN AUTOMATIC SERVICE COMPANY, INC., Pittsburgh, Pa. Filed Nov. 13, 1925.

PASCO

The lining on the drawing is for shading only. The trade-mark consists of the word "Pasco."

Particular description of goods.—Sandwiches, Pie, and Cake.

Claims use since Sept. 23, 1925.

Ser. No. 223,263. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) UNIVERSAL PICTURES CORPORATION, New York, N. Y. Filed Nov. 13, 1925.

Bluebird Comedies

No claim is made to the word "Comedies" except as used in conjunction with the other features of the mark.

Particular description of goods.—Motion Pictures.

Claims use since June 14, 1925.

Ser. No. 223,287. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) DUBILIER CONDENSER & RADIO CORPORATION, New York, N. Y. Filed Nov. 14, 1925.

METALEAK

Particular description of goods.—Electrical Resistors.

Claims use since on or about Sept. 7, 1925.

Ser. No. 223,295. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GENEVA CHEMICAL CORPORATION, New York, N. Y. Filed Nov. 14, 1925.

Curadent

Particular description of goods.—Medicated Chewing Gum.

Claims use since July 22, 1925.

Ser. No. 223,303. (CLASS 37. PAPER AND STATIONERY.) KASHDEX, INC., San Francisco, Calif. Filed Nov. 14, 1925.

KASH SIMPLEX

Particular description of goods.—Loose-Leaf Folder and Printed Sheets to be Inserted Therein.

Claims use since Oct. 1, 1925.

Ser. No. 223,309. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) LINRAYN CORPORATION, New York, N. Y. Filed Nov. 14, 1925.

LINRAYN

Particular description of goods.—Combination of Linen and Artificial-Silk Goods in the Piece.

Claims use since Oct. 7, 1925.

Ser. No. 223,312. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) MARTIN-PAGE CO., Middlesboro, Ky. Filed Nov. 14, 1925.

MARPAGE

Particular description of goods.—Athletic Supporters, Sanitary Belts.

Claims use since November, 1924.

Ser. No. 223,313. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MCCORMICK & CO., INCORPORATED, Baltimore, Md. Filed Nov. 14, 1925.

JELLEX

Particular description of goods.—Jelly-Making Material Comprising Pectin and Acid.

Claims use since November, 1924.

Ser. No. 223,335. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE RY-KRISP COMPANY, Minneapolis, Minn. Filed Nov. 14, 1925.

MAID O-RY

Particular description of goods.—Breakfast Cereal.

Claims use since Feb. 28, 1923.

Ser. No. 223,343. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STARK BRO'S. NURSERIES & ORCHARDS COMPANY, Louisiana, Mo. Filed Nov. 14, 1925.

STARKING KING OF ALL RED APPLES

The words "King of All Red Apples" are disclaimed apart from the mark shown.

Particular description of goods.—Apples in Their Natural State.

Claims use since Nov. 5, 1925.

Ser. No. 223,377. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ELMS & SELLON, INC., New York, N. Y. Filed Nov. 16, 1925.

SOLSTAN PRINTS

The word "Prints" is disclaimed apart from the mark as shown.

Particular description of goods.—Cotton Piece Goods.

Claims use since June 3, 1925.

Ser. No. 223,386. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) P. E. HARRIS & Co., Seattle, Wash. Filed Nov. 16, 1925.

Quelinda

Particular description of goods.—Canned Salmon.

Claims use since Oct. 13, 1925.

Ser. No. 223,402. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE PARK & POLLARD COMPANY, Boston, Mass. Filed Nov. 16, 1925.

MILK MAID

Particular description of goods.—Cattle Feed.

Claims use since Aug. 1, 1925.

Ser. No. 223,405. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) PENNSYLVANIA WORKING HOME FOR BLIND MEN, Philadelphia, Pa. Filed Nov. 16, 1925.

BLINDMADE

Particular description of goods.—Brooms and Whisk Brooms.

Claims use since Oct. 22, 1925.

Ser. No. 223,476. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) HIP-HIP BEVERAGE CO., New York, N. Y. Filed Nov. 18, 1925.

HIP-HIP

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks.

Claims use since Oct. 10, 1925.

Ser. No. 223,482. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) ORANGE CRUSH COMPANY, Chicago, Ill. Filed Nov. 18, 1925.

Ski-Hi

Particular description of goods.—Nonalcoholic, Noncereal, Maltless Beverages and Compounds for Making the Same.

Claims use since Aug. 1, 1925.

Ser. No. 223,509. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) ALBERT GOLDSTEIN, doing business as The Credit Tire Co., Oakland Calif. Filed Nov. 19, 1925.

CREDITIRE

Particular description of goods.—Pneumatic Tires and Inner Tubes and Outer Casings Thereof Composed Principally of Rubber.

Claims use since Nov. 7, 1925.

Ser. No. 223,510. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) ALBERT GOLDSTEIN, doing business as The Credit Tire Co., Oakland, Calif. Filed Nov. 19, 1925.

Credit — TRADE MARK

No claim is made to the words "Trade-Mark."

Particular description of goods.—Pneumatic Tires and Inner Tubes and Outer Casings Thereof Composed Principally of Rubber.

Claims use since September, 1924.

Ser. No. 223,514. (CLASS 32. FURNITURE AND UPHOLSTERY.) JORDAN MARSH COMPANY, Boston, Mass. Filed Nov. 19, 1925.

"Avona"

Particular description of goods.—Mattresses.

Claims use since Sept. 1, 1925.

Ser. No. 223,529. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN H. LEE, Rosedale Station, Kansas City, Kans. Filed Nov. 19, 1925.

John. H. Lee

The mark consists of applicant's own signature.
Particular description of goods.—Laxative Tonic.
Claims use since July 11, 1925.

Ser. No. 223,532. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) J. A. MIGEL, INC., Bergen, N. J., and New York, N. Y. Filed Nov. 19, 1925.

SARABAND PRINTS
"A MIGEL SILK"

The word "Silk" is not claimed apart from the mark shown. Exclusive use of the words "Silks," "Originality," "Quality," and "Prints" is not claimed except in association with the rest of the mark.
Particular description of goods.—Silk Piece Goods.
Claims use since Sept. 23, 1925.

Ser. No. 223,535. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. G. MUMM & Co., Buffalo, N. Y. Filed Nov. 19, 1925.

"WAY-GO"

Particular description of goods.—Wart Remedy.
Claims use since Feb. 19, 1922.

Ser. No. 223,565. (CLASS 7. CORDAGE.) WALL ROPE WORKS, INC., New York, N. Y. Filed Nov. 19, 1925.

WALLCORE

Particular description of goods.—Rope and Cordage.
Claims use since Nov. 1, 1925.

Ser. No. 223,616. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Nov. 21, 1925.

AMBASSADOR

Particular description of goods.—Bed Sheets and Pillowcases.
Claims use since May, 1925.

Ser. No. 223,627. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) H. ERNSTBERGER & Co., New York, N. Y. Filed Nov. 21, 1925.

TRUSHEEN

Particular description of goods.—Fabrics Made Out of Artificial Silk (Rayon) and Cotton, and Fabrics Made Out of Artificial Silk (Rayon) and Wool, and Fabrics Made Out of Artificial Silk (Rayon) and Wool and Cotton.
Claims use since Oct. 15, 1925.

Ser. No. 223,628. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) H. ERNSTBERGER & Co., New York, N. Y. Filed Nov. 21, 1925.

VRAISHEEN

Particular description of goods.—Fabrics Made Out of Artificial Silk (Rayon) and Cotton, and Fabrics Made Out of Artificial Silk (Rayon) and Wool, and Fabrics Made Out of Artificial Silk (Rayon) and Wool and Cotton.
Claims use since Oct. 15, 1925.

Ser. No. 223,662. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MADAME PAUL SABATIER, Paris, France. Filed Nov. 21, 1925.

OUATAPLASME

Particular description of goods.—Dressings for External Use for Affections of the Skin, Abscesses, Varicose Veins, Rheumatism, Neuralgia, Gout, Contusions, and in All Cases When an Emollient Antiseptic External Dressing is Required.
Claims use since Mar. 9, 1900.

Ser. No. 223,738. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE OWL DRUG COMPANY, San Francisco, Calif. Filed Nov. 23, 1925.

Karetts

Particular description of goods.—Dyspepsia Tablets.
Claims use since about Jan. 1, 1915.

Ser. No. 223,759. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGE G. ANDERSON, New York, N. Y. Filed Nov. 24, 1925.

WORMAL JR

Particular description of goods.—Worm Expeller for Dogs.
Claims use since Dec. 13, 1922.

Ser. No. 223,762. (CLASS 39. CLOTHING.) BEAR BRAND HOSIERY Co., Chicago, Ill. Filed Nov. 24, 1925.

LITTLE WOMEN

Particular description of goods.—Textile Articles—Namely, Hosiery.
Claims use since Oct. 23, 1925.

Ser. No. 223,763. (CLASS 37. PAPER AND STATIONERY.) BENNINGTON WAX PAPER COMPANY, Bennington, Vt. Filed Nov. 24, 1925.



Trade-mark consists of a wide blue band having parallel thereto on each side a narrow blue band.
Particular description of goods.—Wax Paper, Wax Lunch Rolls, Dry and Waxed Shredded Paper, Christmas Wrapping Paper, and Shelf Paper.
Claims use since Nov. 1, 1925.

Ser. No. 223,789. (CLASS 39. CLOTHING.) I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed Nov. 24, 1925.



Applicant disclaims exclusive right to the illustration of the baby pants appearing on the drawing.
Particular description of goods.—Baby Pants.
Claims use since 1920.

Ser. No. 223,790. (CLASS 39. CLOTHING.) KNICKERBOCKER DRESSES INC., New York, N. Y. Filed Nov. 24, 1925.

Water Blossom

Trade-mark consists of the words "Water Blossom."
Particular description of goods.—Dresses Made of Silk, Silk and Cotton Mixture, and Cotton.
Claims use since Nov. 12, 1925.

Ser. No. 223,808. (CLASS 39. CLOTHING.) SHERMAN BROS., New York, N. Y. Filed Nov. 24, 1925.

S.S.S. Clothes NEW YORK

No claim is made to the word "Clothes" and "New York" apart from the mark shown on the drawing.
Particular description of goods.—Men's and Young Men's Suits, Topcoats, and Overcoats.
Claims use since Sept. 15, 1925.

Ser. No. 223,826. (CLASS 39. CLOTHING.) UNFRIED BARKHORN Co., Newark, N. J. Filed Nov. 24, 1925.

RAMBLER

Particular description of goods.—Hosiery.
Claims use since Nov. 5, 1925.

Ser. No. 223,827. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LOUIS J. URBANSKI, doing business as Saturn Mfg. Co., Buffalo, N. Y. Filed Nov. 24, 1925.

DR SATURN'S



Particular description of goods.—Medicine and Liniment for the Treatment of Coughs, Colds, Rheumatism, Sciatica, Pleurisy, Backache, Chest Pains, Neuralgia, Sore Throat, Stiff Joints, Sprains, Lame Back, and Bruises.
Claims use since September, 1924.

Ser. No. 223,858. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EDWARD J. MOORE SONS, INC., doing business as Rockland Pharmacal Co., Long Island City, N. Y. Filed Nov. 25, 1925.

NO-V Prophylactic. BEST

No claim is made to the words "Prophylactic" and "Best" apart from the mark shown in the drawing. The lines indicate the colors red and blue.
Particular description of goods.—Preparations for a Prophylactic Treatment for the Prevention of Venereal Diseases.
Claims use since July 30, 1921.

Ser. No. 223,867. (CLASS 37. PAPER AND STATIONERY.) REX MANUFACTURING CO., Providence, R. I. Filed Nov. 25, 1925.

YE WM PENN

Particular description of goods.—Pens and Pencils.
Claims use since Jan. 1, 1925.

Ser. No. 223,943. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) RODEN COAL COMPANY, Marvel, Ala. Filed Nov. 27, 1925.



Particular description of goods.—Coal.
Claims use since 1909.

Ser. No. 223,946. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) TWINPLEX SALES COMPANY, St. Louis, Mo. Filed Nov. 27, 1925.

Twinplex

Particular description of goods.—Fountain Lather or Shaving Brushes.
Claims use since Oct. 17, 1925.

Ser. No. 223,952. (CLASS 39. CLOTHING.) ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Nov. 28, 1925.

DIVIDEND

Particular description of goods.—Men's Hosiery.
Claims use since Nov. 11, 1925.

Ser. No. 224,006. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FILLMORE CITRUS ASSOCIATION, Fillmore, Calif. Filed Nov. 30, 1925.

WAYNO

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since Dec. 1, 1924.

Ser. No. 224,007. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FILLMORE CITRUS ASSOCIATION, Fillmore, Calif. Filed Nov. 30, 1925.

SELVA

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since Dec. 1, 1924.

Ser. No. 224,013. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GILLETT CANNING COMPANY, Gillett, Wis. Filed Nov. 30, 1925.

Crystal Brook

Particular description of goods.—Canned Peas and Beans.
Claims use since May 10, 1909.

Ser. No. 224,032. (CLASS 37. PAPER AND STATIONERY.) MARQUETTE PAPER CO., Chicago, Ill. Filed Nov. 30, 1925.

CLEAR TITLE BOND

The word "Bond" is disclaimed apart from the other features of the mark.
Particular description of goods.—Bond Writing Paper.
Claims use since Oct. 12, 1925.

Ser. No. 224,041. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) PERMITE PISTON CO., Cincinnati, Ohio. Filed Nov. 30, 1925.

PERMITE

Particular description of goods.—Pistons.
Claims use since on or about July 1, 1924.

Ser. No. 224,042. (CLASS 39. CLOTHING.) PERRY & COMPANY, Philadelphia, Pa. Filed Nov. 30, 1925.

Periweave

Particular description of goods.—Coats, Vests, Pantaloons, Overcoats, and Suits for Men and Boys.
Claims use since Nov. 5, 1925.

Ser. No. 224,044. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PIRU CITRUS ASSOCIATION, Piru, Calif. Filed Nov. 30, 1925.

Home of Ramona

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since February, 1915.

Ser. No. 224,073. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE C. S. BELL CO., Hillsboro, Ohio. Filed Dec. 2, 1925.

EL GALLO

Particular description of goods.—Hand Mills for Grinding Grain, Coffee, Spices, Chocolate, Etc.
Claims use since about Sept. 1, 1925.

Ser. No. 224,089. (CLASS 39. CLOTHING.) HAIL DRY GOODS CO., Batesville, Ark. Filed Dec. 2, 1925.

BIG-FIT

Particular description of goods.—Overalls, Jumpers, Pants, Work Shirts, and Dress Shirts.
Claims use since Nov. 1, 1925.

Ser. No. 224,161. (CLASS 33. GLASSWARE.) SOCIÉTÉ ANONYME DES VERRERIES LORRAINES, Sarrebourg, France. Filed Dec. 1, 1925.



VERLOR

Particular description of goods.—Glassware.
Claims use since July 9, 1925.

Ser. No. 224,162. (CLASS 33. GLASSWARE.) SOCIÉTÉ ANONYME DES VERRERIES LORRAINES, Sarrebourg, France. Filed Dec. 1, 1925.



Particular description of goods.—Glassware.
Claims use since July 9, 1925.

Ser. No. 224,163. (CLASS 33. GLASSWARE.) SOCIÉTÉ ANONYME DES VERRERIES LORRAINES, Sarrebourg, France. Filed Dec. 1, 1925.

VERLOR

Particular description of goods.—Glassware.
Claims use since July 9, 1925.

Ser. No. 224,186. (CLASS 37. PAPER AND STATIONERY.) HENRY BOSCH COMPANY, New York, N. Y. Filed Dec. 3, 1925.

Textone

Particular description of goods.—Wall Paper.
Claims use since about Apr. 1, 1915.

Ser. No. 224,198. (CLASS 39. CLOTHING.) MEYER MAYERS, INC., New York, N. Y. Filed Dec. 3, 1925.

BUKLETTE

Particular description of goods.—Ladies' Bloomers.
Claims use since Nov. 20, 1925.

Ser. No. 224,262. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PARFUMERIE ROGER ET GALLET, Paris, France. Filed Dec. 4, 1925.

AUSONIA

Particular description of goods.—Cosmetics, Pastes, Powders, and Toilet Preparations for Beautifying and Preserving the Skin, Teeth, and Hair, and Perfumery.
Claims use since July, 1905.

Ser. No. 224,316. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALUMINUM COMPANY OF AMERICA, Pittsburgh, Pa. Filed Dec. 7, 1925.

ALCO-FLOC

Particular description of goods.—Chemical Composition for Use in the Purification of Water.
Claims use since Nov. 14, 1925.

Ser. No. 224,420. (CLASS 37. PAPER AND STATIONERY.) THE PECK ENGRAVING COMPANY, Cleveland, Ohio. Filed Dec. 8, 1925.

Olde Style Parchment

The word "Parchment" as it appears in the trade-mark is disclaimed separate and apart from the mark as shown in the drawing.
Particular description of goods.—Writing Paper.
Claims use since May 1, 1924.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

JANUARY 12, 1926.

207,750. MASSAGE DEVICES. FRANCES JORDAN, INCORPORATED, Philadelphia, Pa.
Filed July 13, 1925. Serial No. 217,279. PUBLISHED OCTOBER 27, 1925.

207,751. COATED ONE AND COATED TWO SIDES BOND PAPER IN WHITE AND COLORS. THE APPLETON COATED PAPER COMPANY, Appleton, Wis.
Filed June 18, 1925. Serial No. 215,958. PUBLISHED OCTOBER 27, 1925.

207,752. WOOD-SAWING MACHINES. THE COOK-LEWIS FOUNDRY COMPANY, Greensboro, N. C.
Filed June 18, 1925. Serial No. 215,960. PUBLISHED OCTOBER 27, 1925.

207,753. STORE FURNITURE—NAMELY, COUNTERS, RACKS, GATES, CABINETS, CUPBOARDS, DESKS, TABLES, CHAIRS, RAILS, AND SHELVES. JOHN FRANK KELLY, Lexington, Ky.
Filed June 19, 1925. Serial No. 216,050. PUBLISHED OCTOBER 27, 1925.

207,754. CHAIRS FOR OFFICE AND HOUSEHOLD PURPOSES, SOFAS, SETTEES, DAVENPORTS, AND OFFICE COUCHES. THE TAYLOR CHAIR COMPANY, Bedford, Ohio.
Filed June 20, 1925. Serial No. 216,125. PUBLISHED OCTOBER 27, 1925.

207,755. GRASS SEED. LYMAN CARRIER, Coquille, Oreg.
Filed June 22, 1925. Serial No. 216,146. PUBLISHED OCTOBER 20, 1925.

207,756. TIRE HOLDERS. HARRY M. FREEDMAN, Los Angeles, Calif.
Filed June 25, 1925. Serial No. 216,887. PUBLISHED OCTOBER 6, 1925.

207,757. RUBBER APRONS. ERNEST H. PHILPOTT, doing business as Windermere Products Mfg. Co., East Cleveland, Ohio.
Filed June 25, 1925. Serial No. 216,428. PUBLISHED OCTOBER 27, 1925.

207,758. ARTIST'S CLAY. E. H. & A. C. FRIEDRICHS Co., New York, N. Y.
Filed June 29, 1925. Serial No. 216,595. PUBLISHED OCTOBER 20, 1925.

207,759. SANITARY ENAMELED HOLLOW-WARE. AKTIEBOLAGET SEPARATOR, Stockholm, Sweden.
Filed June 30, 1925. Serial No. 216,663. PUBLISHED OCTOBER 27, 1925.

207,760. MEDICINAL PREPARATION FOR USE IN AUTO-INTOXICATION AND RELATED DISORDERS. EHRO-SULFUR LABORATORIES INC., New York, N. Y.
Filed June 30, 1925. Serial No. 216,670. PUBLISHED OCTOBER 6, 1925.

207,761. LADIES' HATS. ERNEST L. RHODES COMPANY, Atlanta, Ga.
Filed July 3, 1925. Serial No. 216,847. PUBLISHED OCTOBER 6, 1925.

207,762. HOSIERY. CONSOLIDATED GLOVE & HOSIERY CORP., San Francisco, Calif.
Filed July 1, 1925. Serial No. 216,718. PUBLISHED OCTOBER 27, 1925.

207,763. SECURING EXPANSIONS, SECURING ANCHORS, EXPANSION FASTENERS, NAILS, NAIL EXPANSIONS, NAIL ANCHORS, AND NAIL FASTENERS. DIAMOND EXPANSION BOLT CO., New York, N. Y.
Filed July 6, 1925. Serial No. 216,869. PUBLISHED OCTOBER 27, 1925.

207,764. LADDERS. THE GOSHEN MANUFACTURING COMPANY, Goshen, Ind.
Filed July 8, 1925. Serial No. 217,023. PUBLISHED OCTOBER 6, 1925.

207,765. SUITS AND OVERCOATS FOR MEN. PAUSON & COMPANY, San Francisco, Calif.
Filed July 8, 1925. Serial No. 217,045. PUBLISHED OCTOBER 27, 1925.

207,766. SLIDING STAIRWAYS. FARLEY & LOETSCHER MFG. CO., Dubuque, Iowa.
Filed July 9, 1925. Serial No. 217,077. PUBLISHED OCTOBER 27, 1925.

207,767. GAS AND COAL COOKSTOVES. CHIP-O-TATO CORPORATION OF AMERICA, St. Paul, Minn.
Filed July 13, 1925. Serial No. 217,257. PUBLISHED OCTOBER 6, 1925.

207,768. AWNINGS, TENTS, WINDOW SHADES MADE OF CANVAS, TRUCK COVERS, SEAT COVERS, WAGON COVERS, AND FLAGS. ARCHIE T. DIZE, doing business as Dize Awning and Tent Company, Winston-Salem, N. C.
Filed July 13, 1925. Serial No. 217,263. PUBLISHED OCTOBER 20, 1925.

207,769. ALL KINDS OF TEXTILE MACHINES, ESPECIALLY KNITTING MACHINES; NEEDLES FOR KNITTING MACHINES AND PARTS OF KNITTING MACHINES. EDOUARD DUBIED & CIE. SOCIÉTÉ ANONYME, Couvet, near Neuchatel, Switzerland.
Filed July 13, 1925. Serial No. 217,266. PUBLISHED OCTOBER 27, 1925.

207,770. INTERIOR TRIM FOR DOORS, WINDOWS, AND MOLDINGS. FREDERICK J. BRUCE, INC., New York, N. Y.
Filed August 6, 1925. Serial No. 218,466. PUBLISHED OCTOBER 13, 1925.

207,771. PRINTING PRESS. THE TRIBUNE COMPANY, Chicago, Ill.
Filed August 5, 1925. Serial No. 218,438. PUBLISHED OCTOBER 27, 1925.

207,772. LEATHER. A. C. LAWRENCE LEATHER COMPANY, Boston, Mass.
Filed August 4, 1925. Serial No. 218,363. PUBLISHED OCTOBER 6, 1925.

207,773. HEATING AND VENTILATING APPARATUS—NAMELY, REGISTER TOPS. TUTTLE & BAILEY MANUFACTURING COMPANY, New York and Brooklyn, N. Y.
Filed August 3, 1925. Serial No. 218,343. PUBLISHED OCTOBER 6, 1925.

207,774. WATERPROOF CANVAS TARPAULINS USED BY BUILDERS AND CONTRACTORS, MOTOR-TRUCK OWNERS, AND MANUFACTURERS. C. R. DANIELS, INC., New York, N. Y.
Filed August 1, 1925. Serial No. 218,248. PUBLISHED OCTOBER 6, 1925.

207,775. AUTOMATIC DUMPING AUTOMOBILE TRUCK BODIES. EASTON CAR & CONSTRUCTION COMPANY, Easton, Pa.
Filed July 31, 1925. Serial No. 218,170. PUBLISHED OCTOBER 6, 1925.

207,776. SOAPS. MOTT MFG. CO., Brooklyn, N. Y.
Filed July 30, 1925. Serial No. 218,182. PUBLISHED OCTOBER 27, 1925.

207,777. LEG BANDS FOR FOWLS. MAX BAYERDORFFER, Huguenot Park, N. Y.
Filed July 30, 1925. Serial No. 218,007. PUBLISHED OCTOBER 6, 1925.

207,778. RUBBER GOODS—NAMELY, TIRES. FREDERICK C. ROEGGE, Los Angeles, Calif.
Filed July 29, 1925. Serial No. 218,088. PUBLISHED OCTOBER 27, 1925.

207,779. ARTIFICIAL LUMBER IN STRIPS, SHEETS, AND BOARDS. THE COMPO-BOARD CO., Minneapolis, Minn.
Filed July 23, 1925. Serial No. 217,758. PUBLISHED OCTOBER 20, 1925.

207,780. VEGETABLE SPANISH MOSS. VEGO-HAIR MANUFACTURING CO., Gainesville, Fla.
Filed July 20, 1925. Serial No. 217,648. PUBLISHED OCTOBER 6, 1925.

207,781. CHEMICALS FOR CLEANING CLOTHING. THE LAADT CORPORATION, Chicago, Ill.
Filed July 18, 1925. Serial No. 217,567. PUBLISHED OCTOBER 27, 1925.

207,782. RADIOCABINETS. SHERMAN RADIO MANUFACTURING CORPORATION, New York, N. Y.
Filed July 16, 1925. Serial No. 217,484. PUBLISHED OCTOBER 27, 1925.

207,783. PREPARED STOCK FOOD (MOLASSES) NOT MEDICATED. A. KAPLAN, doing business as The Liberty Feed Mills, Kaplan, La.
Filed July 16, 1925. Serial No. 217,465. PUBLISHED OCTOBER 27, 1925.

207,784. COOKING STOVES AND RANGES FOR WOOD, COAL, AND GAS. TENNESSEE STOVE WORKS, Chattanooga, Tenn.
Filed July 15, 1925. Serial No. 217,428. PUBLISHED OCTOBER 20, 1925.

207,785. BUNION PROTECTORS, BUNION, CORN, AND CALLUS SHIELDS. PEDOX PRODUX, INC., New York, N. Y.
Filed July 13, 1925. Serial No. 217,290. PUBLISHED OCTOBER 27, 1925.

207,786. COATING FOR FOUNDRY CORES, THE PARTICULAR CHARACTER OF THE MATERIAL BEING THAT OF A POWDER FROM WHICH, BY THE ADMIXTURE OF WATER OR OTHER SUITABLE LIQUOR, A FLUID IS MADE BY THE USER. THE FLUID IS ADAPTED TO BE APPLIED TO FOUNDRY CORES EITHER BY DIPPING OR BRUSHING. THE UNITED STATES GRAPHITE CO., Saginaw, Mich.
Filed April 27, 1925. Serial No. 213,412. PUBLISHED OCTOBER 27, 1925.

207,787. FIRE-KINDLING PREPARATION. JOSEPH DUTTON, Sault Ste. Marie, Mich.
Filed May 1, 1925. Serial No. 213,626. PUBLISHED OCTOBER 13, 1925.

207,788. WOMEN'S COATS. REBECCA C. SKINNER, New York, N. Y.
Filed May 2, 1925. Serial No. 213,745. PUBLISHED OCTOBER 27, 1925.

207,789. AUTOMOBILE RUNNING-BOARD TREADS MADE OF RUBBER AND METAL. RUBBER-ON-METAL WELDING CORPORATION, New York, N. Y.
Filed May 6, 1925. Serial No. 213,922. PUBLISHED OCTOBER 20, 1925.

207,790. COAL AND GAS STOVES, RANGES, AND FURNACES. WAVERLY HEATING SUPPLY COMPANY, Boston, Mass.
Filed May 6, 1925. Serial No. 213,939. PUBLISHED OCTOBER 27, 1925.

207,791. COTTON FELTING. THE HAMILTON FELTING COMPANY, Hamilton, Ohio.
Filed May 7, 1925. Serial No. 213,970. PUBLISHED OCTOBER 6, 1925.

207,792. CLAY USED AS A RAW MATERIAL IN THE MANUFACTURE OF CHINA AND POTTERY AND FOR CERAMIC PURPOSES. R. T. VANDERBILT COMPANY, INC., New York, N. Y.
Filed May 8, 1925. Serial No. 214,038. PUBLISHED OCTOBER 20, 1925.

207,793. VEGETABLE OIL. KRUM BROS., New York, N. Y.
Filed May 11, 1925. Serial No. 214,167. PUBLISHED OCTOBER 20, 1925.

207,794. DISHWASHING APPLIANCES. DARLO COMPANY, Boston, Mass.
Filed May 18, 1925. Serial No. 214,463. PUBLISHED OCTOBER 27, 1925.

207,795. MEN'S OUTER CLOTHING CONSISTING OF COATS, VESTS, TROUSERS, AND KNICKERBOCKERS. FRANKEL BROS., New York, N. Y.
Filed May 22, 1925. Serial No. 214,720. PUBLISHED OCTOBER 27, 1925.

207,796. MOTOR VEHICLES. AJAX MOTORS COMPANY, Racine, Wis.
Filed June 5, 1925. Serial No. 215,328. PUBLISHED OCTOBER 20, 1925.

207,797. OIL-BURNING EQUIPMENT—NAMELY, VALVES, BURNERS, OIL AND AIR TANKS, OIL STRAINERS, PUMP GOVERNORS; AUTOMATIC STEAM AND OIL REGULATORS; PUMPING, HEATING, AND FILTERING APPARATUS; AND FRONTS FOR OIL-BURNING FURNACES. STAPLES & PFEIFFER, San Francisco, Calif.
Filed June 8, 1925. Serial No. 215,482. PUBLISHED OCTOBER 27, 1925.

207,798. VENEERED, LAMINATED, OR BUILT-UP DOORS. THE WHEELER, OSGOOD COMPANY, Tacoma, Wash.
Filed June 8, 1925. Serial No. 215,493. PUBLISHED OCTOBER 20, 1925.

207,799. RADIATOR CAPS. LAURENCE A. SWEET MANUFACTURING COMPANY, Los Angeles, Calif.
Filed June 10, 1925. Serial No. 215,602. PUBLISHED OCTOBER 20, 1925.

207,800. RADIATOR CAPS. LAURENCE A. SWEET MANUFACTURING COMPANY, Los Angeles, Calif.
Filed June 10, 1925. Serial No. 215,603. PUBLISHED OCTOBER 20, 1925.

207,801. RADIATOR CAPS. LAURENCE A. SWEET MANUFACTURING COMPANY, Los Angeles, Calif.
Filed June 10, 1925. Serial No. 215,604. PUBLISHED OCTOBER 20, 1925.

207,802. RADIATOR CAPS. LAURENCE A. SWEET MANUFACTURING COMPANY, Los Angeles, Calif.
Filed June 10, 1925. Serial No. 215,605. PUBLISHED OCTOBER 20, 1925.

207,803. RADIATOR CAPS. LAURENCE A. SWEET MANUFACTURING COMPANY, Los Angeles, Calif.
Filed June 10, 1925. Serial No. 215,606. PUBLISHED OCTOBER 20, 1925.

207,804. LEATHER. NORTH AMERICAN ANOLIN CORPORATION, Little Falls, N. Y.
Filed June 12, 1925. Serial No. 215,702. PUBLISHED OCTOBER 27, 1925.

207,805. PORTLAND CEMENT. SAN ANTONIO PORTLAND CEMENT CO., San Antonio, Tex.
Filed June 13, 1925. Serial No. 215,755. PUBLISHED OCTOBER 20, 1925.

207,806. CHEMICAL COMPOSITIONS FOR CLEANING DRAINPIPES, SEWERS, TRAPS, AND THE LIKE AND FOR THAWING FROZEN PIPES. HOOKER ELECTROCHEMICAL COMPANY, New York, N. Y.
Filed August 10, 1925. Serial No. 218,641. PUBLISHED OCTOBER 27, 1925.

207,807. SALT. REMINGTON SALT COMPANY, Ithaca, N. Y.
Filed August 10, 1925. Serial No. 218,661. PUBLISHED OCTOBER 27, 1925.

207,808. SOFT COAL. WOODWORTH ELEVATOR COMPANY, Minneapolis, Minn.
Filed August 10, 1925. Serial No. 218,679. PUBLISHED OCTOBER 13, 1925.

207,809. OIL-TREATED WRAPS FOR FRUIT ADAPTED TO PRESERVE THE LATTER. HAWLEY PULP AND PAPER COMPANY, Oregon City, Oreg.
Filed August 13, 1925. Serial No. 218,812. PUBLISHED OCTOBER 27, 1925.

207,810. CLOSURES FOR RECEPTACLES. THE CROWN CORK AND SEAL COMPANY OF BALTIMORE CITY, Baltimore, Md.
Filed August 19, 1925. Serial No. 219,063. PUBLISHED OCTOBER 27, 1925.

207,811. LEATHER. A. C. LAWRENCE LEATHER COMPANY, Boston, Mass.
Filed August 20, 1925. Serial No. 219,126. PUBLISHED OCTOBER 27, 1925.

207,812. SELF-CONTAINED LATHER FORMING AND APPLICATING APPARATUS. HARVEY H. HEVENOR, New York, N. Y.
Filed August 21, 1925. Serial No. 219,184. PUBLISHED OCTOBER 27, 1925.

207,813. TOILET WATER. THE EUGENE BERNINGHAUS COMPANY, Cincinnati, Ohio.
Filed August 22, 1925. Serial No. 219,218. PUBLISHED OCTOBER 27, 1925.

207,814. DEPILATORY. LUCILLE BUHL, INC., New York, N. Y.
Filed August 22, 1925. Serial No. 219,223. PUBLISHED OCTOBER 27, 1925.

207,815. CLOSURES FOR RECEPTACLES. THE CROWN CORK AND SEAL COMPANY OF BALTIMORE CITY, Baltimore, Md.
Filed August 22, 1925. Serial No. 219,233. PUBLISHED OCTOBER 27, 1925.

207,816. METALS AND METAL CASTINGS AND FORGINGS OF FERROTUNGSTEN ALLOY. NOBEL INDUSTRIES LIMITED, London, England.
Filed August 24, 1925. Serial No. 219,299. PUBLISHED OCTOBER 27, 1925.

207,817. AIRPLANES. THE TRAVEL AIR MANUFACTURING CO., INC., Wichita, Kans.
Filed August 24, 1925. Serial No. 219,313. PUBLISHED OCTOBER 27, 1925.

207,818. GOWNS, WOMEN'S COATS, DRESSES, SKIRTS, AND WAISTS. TIMGAD COMPANY, Washington, D. C.
Filed August 25, 1925. Serial No. 219,357. PUBLISHED OCTOBER 27, 1925.

207,819. VANISHING CREAM, CLEANSING CREAM, DEODORANT CREAM, ALMOND LOTION, HAIR SHAMPOO, TALCUM POWDER, AND POWDER COMPACT. NATIONAL TOILET COMPANY, Paris, Tenn.
Filed Aug. 26, 1925. Serial No. 219,404. PUBLISHED OCTOBER 27, 1925.

207,820. INFANTS' RUBBER PANTS AND SANITARY BLOOMERS. THE OMO MANUFACTURING COMPANY, Middletown, Conn.
Filed August 27, 1925. Serial No. 219,445. PUBLISHED OCTOBER 27, 1925.

207,821. MATTRESSES. SIMMONS COMPANY, New York, N. Y.
Filed August 31, 1925. Serial No. 219,607. PUBLISHED OCTOBER 27, 1925.

207,822. INSTRUMENTS AND APPARATUS FOR THE AID OF DEAF PERSONS. REUBEN HENRY DENT, London, England.
Filed September 4, 1925. Serial No. 219,817. PUBLISHED OCTOBER 27, 1925.

207,823. DENTAL EQUIPMENT. ELECTRO DENTAL MANUFACTURING CO., Philadelphia, Pa.
Filed September 14, 1925. Serial No. 220,221. PUBLISHED OCTOBER 27, 1925.

207,824. DENTAL EQUIPMENT. ELECTRO DENTAL MANUFACTURING CO., Philadelphia, Pa.
Filed September 14, 1925. Serial No. 220,222. PUBLISHED OCTOBER 27, 1925.

207,825. HYPODERMIC SYRINGES. POPPER & KLEIN, New York, N. Y.
Filed September 16, 1925. Serial No. 220,321. PUBLISHED OCTOBER 27, 1925.

207,826. SCREW-THREADED BRASS FITTINGS, SUCH AS ELBOWS, T'S, COUPLINGS, AND UNIONS. WOLVERINE BRASS WORKS, Grand Rapids, Mich.
Filed September 17, 1925. Serial No. 220,381. PUBLISHED OCTOBER 27, 1925.

207,827. STEP PLATES FOR RUNNING BOARDS OF AUTOMOBILES, KICK OR SCUFF PLATES FOR AUTOMOBILES, AND BODY OR PROTECTION RAILS FOR AUTOMOBILES. OLIVER C. RITZWOLLER, doing business as American Automatic Devices Company, Chicago, Ill.
Filed April 17, 1924. Serial No. 195,728. PUBLISHED OCTOBER 27, 1925.

207,828. PLUMBING SUPPLIES. S. S. SPENCER CO., St. Paul and Minneapolis, Minn.
Filed July 25, 1924. Serial No. 200,531. PUBLISHED OCTOBER 27, 1925.

207,829. PRINTED CIRCULARS OR PUBLICATIONS PRINTED AT IRREGULAR INTERVALS. LIVE STOCK EXCHANGE INC., Des Moines, Iowa.
Filed August 18, 1924. Serial No. 201,570. PUBLISHED OCTOBER 27, 1925.

207,830. LEATHER. GENERAL LEATHER COMPANY, Newark, N. J.
Filed August 23, 1924. Serial No. 201,807. PUBLISHED OCTOBER 27, 1925.

207,831. SOAP SPONGES. BEULAH LOUISE HENRY, New York, N. Y.
Filed August 29, 1924. Serial No. 202,013. PUBLISHED OCTOBER 27, 1925.

207,832. HOT-WATER HEATERS AND HOT-WATER-STORAGE SYSTEMS. PITTSBURG WATER HEATER COMPANY, Pittsburgh, Pa.
Filed August 30, 1924. Serial No. 202,077. PUBLISHED OCTOBER 6, 1925.

207,833. PENCILS. A. S. BLYANTFABRIKEN VIKING, Copenhagen, Denmark.
Filed September 17, 1924. Serial No. 202,690. PUBLISHED OCTOBER 27, 1925.

207,834. BUTTER. PIEDMONT CREAMERY COMPANY, INCORPORATED, The Plains, Va.
Filed December 6, 1924. Serial No. 206,366. PUBLISHED OCTOBER 20, 1925.

207,835. MASSAGE MACHINES AND VIOLET-RAY APPARATUS. HALLIWELL ELECTRIC CO., INC., New York, N. Y.
Filed January 13, 1925. Serial No. 208,049. PUBLISHED OCTOBER 27, 1925.

207,836. SILICON CARBIDE ABRASIVE GRAINS. GENERAL ABRASIVE COMPANY, INC., Niagara Falls, N. Y.
Filed February 27, 1925. Serial No. 210,230. PUBLISHED OCTOBER 6, 1925.

207,837. CERTAIN NAMED ARTICLES OF WEARING APPAREL FOR MEN, WOMEN, AND CHILDREN. ABRAHAM & STRAUS, INC., New York, N. Y.
Filed March 3, 1925. Serial No. 210,429. PUBLISHED OCTOBER 27, 1925.

207,838. CABINET IRONING BOARDS OF THE TYPE TO BE FITTED INTO THE WALL, SO AS TO BECOME A PART THEREOF. NATIONAL MILL & LUMBER COMPANY, San Francisco, Calif.
Filed March 16, 1925. Serial No. 211,117. PUBLISHED OCTOBER 20, 1925.

207,839. COMBINED BOTTLE OPENER AND NOZZLE. RICHARD PARKER PICKERING, Chicago, Ill.
Filed March 19, 1925. Serial No. 211,290. PUBLISHED OCTOBER 27, 1925.

207,840. PAPER PRODUCTS — NAMELY, PAPER MAILING ENVELOPES, PAPER PORTFOLIOS, AND PAPER WALLETS. MAX STARK, New York, N. Y.
Filed March 31, 1925. Serial No. 211,956. PUBLISHED OCTOBER 27, 1925.

207,841. CIGAR AND CIGARETTE MAKING MACHINES, AND OTHER MACHINES PERTAINING TO THE TOBACCO INDUSTRY, PACKING MACHINES, PARAFFIN-COATING AND PARAFFIN-SOAKING MACHINES, PLANTING MACHINES, MACHINE TOOLS AND TOOL BITS THEREFOR, PARTICULARLY THREAD-CUTTING TOOLS, SCREW TAPS, AND CHASERS. AKTIEBOLAGET FORMATOR, Stockholm, Sweden.
Filed April 7, 1925. Serial No. 212,313. PUBLISHED OCTOBER 27, 1925.

207,842. ART CLAY. MARS-STONE MANUFACTURING COMPANY, Haddonfield, N. J.
Filed April 7, 1925. Serial No. 212,340. PUBLISHED OCTOBER 20, 1925.

207,843. PLASTIC PREPARATION COMPOSED CHIEFLY OF CELLULOSE AND SOLD AS A SUBSTITUTE FOR WOOD AND USED IN GLAZING OPERATIONS AND SIMILAR WORK OF HOUSE CONSTRUCTION. HARRISON WHITE, INC., New York, N. Y.
Filed April 9, 1925. Serial No. 212,435. PUBLISHED OCTOBER 20, 1925.

207,844. COAL. MELVIN J. HORNBERGER, Youngstown, Ohio.
Filed April 14, 1925. Serial No. 212,686. PUBLISHED OCTOBER 27, 1925.

207,845. COAL AND WOOD RANGES, HOT-AIR FURNACES, BOILERS (STEAM AND WATER), GAS STOVES, GAS RANGES, GAS AND WATER HEATERS, PARLOR STOVES, OIL BURNERS, AND RADIATORS, AND PARTS FOR EACH AND ALL OF THE SAME. MAURICE A. PEACARD, doing business as Peacard Heating and Supply Company, Roxbury, Mass.
Filed April 18, 1925. Serial No. 212,960. PUBLISHED OCTOBER 13, 1925.

207,846. ADVERTISING DISPLAY SIGNS COMPRISING A DISPLAY SURFACE PROTECTED BY A COATING OF TRANSPARENT MATERIAL OTHER THAN GLASS. GILLESPIE BROTHERS, Newburgh, N. Y.
Filed February 28, 1924. Serial No. 192,971. PUBLISHED MAY 19, 1925.

207,847. LIQUID OIL STAIN AND FILLER FOR WOOD. ARTHUR METRICK PADMORE, Minneapolis, Minn.
Filed January 7, 1924. Serial No. 190,516. PUBLISHED OCTOBER 20, 1925.

207,848. PREPARED STOCK FEED. MOORMAN MFG. CO., Quincy, Ill.
Filed July 23, 1924. Serial No. 200,403. PUBLISHED OCTOBER 20, 1925.

207,849. CERTAIN PIECE GOODS, BLANKETS, AND RUGS. NATIONAL DEPARTMENT STORES INC., New York, N. Y.
Filed July 25, 1925. Serial No. 200,508. PUBLISHED OCTOBER 27, 1925.

207,850. DISINFECTANT. CORONA CHEMICAL COMPANY, INC., New York, N. Y.
Filed September 5, 1924. Serial No. 202,244. PUBLISHED DECEMBER 16, 1924.

207,851. SLIPPERS FOR MEN, WOMEN, AND CHILDREN, OF LEATHER, RUBBER, OR FABRIC, AND COMBINATIONS OF THESE MATERIALS. S. GOLDBERG & CO., INC., West New York, N. J.
Filed January 2, 1925. Serial No. 207,562. PUBLISHED MARCH 17, 1925.

207,852. OINTMENT FOR EXTERNAL USE ON HORSES AND CATTLE FOR COOLING EFFECT AND FOR THE RELIEF OF THROAT AND LUNG TROUBLES, PAINS, CUTS, ABRASIONS, CHAFING, SORES, BURNS, AND INFLAMMATION. NEP PRODUCTS COMPANY, Boston, Mass.
Filed April 20, 1925. Serial No. 213,028. PUBLISHED JULY 21, 1925.

207,853. MITTENS AND GLOVES OF LEATHER, RUBBER, AND FABRIC, OF LEATHER AND RUBBER, OF LEATHER AND FABRIC, AND RUBBER AND FABRIC. C. D. OSBORN CO., Chicago, Ill.
Filed May 5, 1925. Serial No. 213,855. PUBLISHED OCTOBER 20, 1925.

207,854. MITTENS AND GLOVES OF LEATHER, RUBBER, AND FABRIC, OF LEATHER AND FABRIC, OF LEATHER AND RUBBER, AND RUBBER AND FABRIC. C. D. OSBORN CO., Chicago, Ill.
Filed May 5, 1925. Serial No. 213,856. PUBLISHED OCTOBER 20, 1925.

207,855. PAINT ENAMEL. J. L. PRESCOTT COMPANY, New York, N. Y.
Filed May 5, 1925. Serial No. 213,858. PUBLISHED OCTOBER 20, 1925.

207,856. DRY, PASTE, AND READY-MIXED PAINTS. BAKER PAINT & VARNISH CO., also doing business as Communipaw Paint Works and Lafayette Paint Works, Jersey City, N. J.
Filed May 6, 1925. Serial No. 213,886. PUBLISHED OCTOBER 20, 1925.

207,857. SHOES OF LEATHER OR FABRIC AND HAVING SOLES OF LEATHER OR RUBBER. O'DONNELL SHOE COMPANY, St. Paul, Minn.
Filed May 15, 1925. Serial No. 214,379. PUBLISHED OCTOBER 20, 1925.

207,858. MITTENS AND GLOVES OF LEATHER, RUBBER, AND FABRIC, OF LEATHER AND RUBBER, OF LEATHER AND FABRIC, AND OF RUBBER AND FABRIC. C. D. OSBORN CO., Chicago, Ill.
Filed May 21, 1925. Serial No. 214,677. PUBLISHED OCTOBER 20, 1925.

207,859. WHEAT SELF-RISING FLOUR. FOWLER COMMISSION CO., INC., Shreveport, La.
Filed May 22, 1925. Serial No. 214,718. PUBLISHED OCTOBER 20, 1925.

207,860. DRESS AND UNDERWEAR FABRICS IN THE PIECE. WORTH TEXTILE CO. INC., New York, N. Y.
Filed June 2, 1925. Serial No. 215,225. PUBLISHED OCTOBER 27, 1925.

207,861. BREADS OF ALL KINDS AND A COMPOUND OF A SPECIAL FLOUR MIXTURE USED IN THE MAKING OF BREADS. CAMBERN BROTHERS, Spokane, Wash.
Filed June 9, 1925. Serial No. 215,504. PUBLISHED OCTOBER 20, 1925.

207,862. LEATHER SOLES, TAP SOLES, AND SLIP SOLES. KISTLER LEATHER COMPANY, South Boston, Mass.
Filed June 25, 1925. Serial No. 216,411. PUBLISHED OCTOBER 13, 1925.

207,863. WOOLEN AND WORSTED FABRICS IN THE PIECE. DETMER, BRUNER & MASON, INC., New York, N. Y.
Filed July 8, 1925. Serial No. 217,014. PUBLISHED OCTOBER 27, 1925.

207,864. SHOES FOR CHILDREN AND INFANTS, MADE OF LEATHER, FABRICS, AND CLOTH AND COMBINATIONS OF THESE MATERIALS, AND OVERSHOES. I. MILLER & SONS, INC., Long Island City, N. Y.
Filed July 8, 1925. Serial No. 217,035. PUBLISHED OCTOBER 6, 1925.

207,865. WHEAT FLOUR. MINNEAPOLIS MILLING COMPANY, Minneapolis, Minn.
Filed July 13, 1925. Serial No. 217,283. PUBLISHED OCTOBER 20, 1925.

207,866. MEN'S, WOMEN'S, AND CHILDREN'S LEATHER AND FABRIC SHOES AND FELT AND SATIN SLIPPERS. SAMUELS SHOE COMPANY, St. Louis, Mo.
Filed July 20, 1925. Serial No. 217,637. PUBLISHED OCTOBER 6, 1925.

207,867. PHOTOGRAPHIC PLATES AND FILMS. LIGNOSEFILM G. M. B. H., Berlin, Germany.
Filed August 6, 1925. Serial No. 218,494. PUBLISHED OCTOBER 27, 1925.

207,868. PHOTOGRAPHIC PLATES AND FILMS. LIGNOSEFILM G. M. B. H., Berlin, Germany.
Filed August 6, 1925. Serial No. 218,495. PUBLISHED OCTOBER 27, 1925.

207,869. STRAINERS AND VALVES FOR FUEL-OIL LINES. J. S. & J. F. STRING INCORPORATED, New Haven, Conn.
Filed August 6, 1925. Serial No. 218,507. PUBLISHED OCTOBER 27, 1925.

207,870. CHEMICAL COMPOSITIONS FOR CLEANING DRAIN PIPES, SEWERS, TRAPS, AND THE LIKE AND FOR THAWING FROZEN PIPES. HOOKER ELECTROCHEMICAL COMPANY, New York, N. Y.
Filed August 10, 1925. Serial No. 218,640. PUBLISHED OCTOBER 27, 1925.

207,871. MEN'S CRAVATS. BERKMAN & ADLER, New York, N. Y.
Filed June 18, 1925. Serial No. 215,964. PUBLISHED SEPTEMBER 1, 1925.

207,872. BREAD. NOTARI BROS., Scranton, Pa.
Filed June 20, 1925. Serial No. 216,113. PUBLISHED OCTOBER 20, 1925.

207,873. GASOLINE. WESTBROOK TANK LINE CO., St. Paul, Minn.
Filed July 7, 1925. Serial No. 217,000. PUBLISHED OCTOBER 20, 1925.

207,874. CORSETS. THE H. W. GOSSARD CO., Chicago, Ill.
Filed July 8, 1925. Serial No. 217,025. PUBLISHED OCTOBER 13, 1925.

207,875. OIL COMPOUND TO BE USED IN RUBBER COMPOUNDS TO FREE RUBBER FROM THE MOLDS. DAMASCUS MANUFACTURING CORPORATION, Cleveland, Ohio.
Filed July 10, 1925. Serial No. 217,136. PUBLISHED OCTOBER 20, 1925.

207,876. RAW OYSTERS. THE SALISBURY PACKING CO., Salisbury, Md.
Filed July 18, 1925. Serial No. 217,585. PUBLISHED OCTOBER 27, 1925.

207,877. SELF-RISING AND PLAIN WHEAT FLOUR. HIGHLAND MILLING COMPANY, Highland, Ill.
Filed July 20, 1925. Serial No. 217,617. PUBLISHED OCTOBER 13, 1925.

207,878. MOTOR OILS AND MACHINE LUBRICANTS. THE WHITE & BAGLEY COMPANY, Worcester, Mass.
Filed July 21, 1925. Serial No. 217,691. PUBLISHED OCTOBER 20, 1925.

207,879. CARBON BLACK IN DRY FORM FOR USE AS A PIGMENT FOR PAINTS AND VARNISHES. BINNEY & SMITH COMPANY, New York, N. Y.
Filed July 25, 1925. Serial No. 217,856. PUBLISHED OCTOBER 20, 1925.

207,880. READY-MIXED HOUSE PAINTS, PASTE PAINTS, COLORS IN OIL, VARNISH STAINS, PAINT ENAMELS, PREPARED SHELLACS, VARNISHES, AND PAINT AND VARNISH REMOVERS. SCOTT-SULLIVAN PAINT CO., St. Louis, Mo.
Filed July 25, 1925. Serial No. 217,901. PUBLISHED OCTOBER 20, 1925.

207,881. BREAD. OSWALD JAEGER BAKING COMPANY, Milwaukee, Wis.
Filed July 31, 1925. Serial No. 218,184. PUBLISHED OCTOBER 20, 1925.

207,882. SHOES OF LEATHER, RUBBER, AND FABRIC, LEATHER AND RUBBER, LEATHER AND FABRIC, AND RUBBER AND FABRIC FOR INFANTS, CHILDREN, AND MISSES. I. ENIE FINK, doing business as Peep O'Day Shoe Co., Rochester, N. Y.
Filed August 7, 1925. Serial No. 218,456. PUBLISHED OCTOBER 13, 1925.

207,883. GASOLINE. OZARK OIL CORPORATION, Cedar Rapids, Iowa.
Filed August 7, 1925. Serial No. 218,520. PUBLISHED OCTOBER 27, 1925.

207,884. PETROLEUM PRODUCTS—NAMELY, GASOLINE, KEROSENE, FUEL OIL, AND PETROLEUM DISTILLATE. W. H. BARBER COMPANY, Minneapolis, Minn.
Filed August 13, 1925. Serial No. 218,786. PUBLISHED OCTOBER 27, 1925.

207,885. GASOLINE, KEROSENE, LUBRICATING OILS, AND GREASES. SHERRILL OIL COMPANY, Pensacola, Fla.
Filed August 15, 1925. Serial No. 218,931. PUBLISHED OCTOBER 27, 1925.

207,886. WHEAT FLOUR. LOUISVILLE MILLING COMPANY, Minneapolis, Minn.
Filed August 17, 1925. Serial No. 218,978. PUBLISHED OCTOBER 20, 1925.

207,887. LUBRICATING OIL. FRANK S. LYNDALL, doing business as Elbar Laboratories, Chicago, Ill.
Filed August 17, 1925. Serial No. 218,979. PUBLISHED OCTOBER 20, 1925.

207,888. WHEAT FLOUR. STAR AND CRESCENT MILLING COMPANY, Minneapolis, Minn.
Filed August 17, 1925. Serial No. 219,016. PUBLISHED OCTOBER 20, 1925.

207,889. AUTO RENEWER. LOUIS G. ZACHOS, doing business as The Golden West Laboratories, Los Angeles, Calif.
Filed August 17, 1925. Serial No. 219,021. PUBLISHED OCTOBER 20, 1925.

207,890. LUBRICATING OIL. COLUMBIA OIL COMPANY, INC., Rosslyn, Va.
Filed August 18, 1925. Serial No. 219,028. PUBLISHED OCTOBER 27, 1925.

207,891. MEN'S AND BOYS' HATS AND CAPS. GRASS-GROSSINGER COMPANY, Scranton, Pa.
Filed August 18, 1925. Serial No. 219,031. PUBLISHED OCTOBER 6, 1925.

207,892. LADIES' HATS. JANE PARKER, New York, N. Y.
Filed August 18, 1925. Serial No. 219,043. PUBLISHED OCTOBER 20, 1925.

207,893. SHOES CONSTRUCTED OF LEATHER AND OF COMBINATIONS OF LEATHER AND FABRIC. BENJAMIN ROTHMAN, INC., New York, N. Y.
Filed August 20, 1925. Serial No. 219,142. PUBLISHED OCTOBER 20, 1925.

207,894. GASOLINE. CARBIDE & CARBON CHEMICALS CORPORATION, New York, N. Y.
Filed August 22, 1925. Serial No. 219,227. PUBLISHED OCTOBER 20, 1925.

207,895. CANNED VEGETABLES. MYRTLE M. KROH, doing business as C. Irving Kroh Co., Silver Run, Md.
Filed September 3, 1925. Serial No. 219,747. PUBLISHED OCTOBER 27, 1925.

207,896. CERTAIN WEIGHING APPARATUS. MERRICK SCALE MFG. COMPANY, Passaic, N. J.
Filed September 8, 1925. Serial No. 219,977. PUBLISHED NOVEMBER 3, 1925.

207,897. COATINGS FOR FRUIT TARTS, CAKES, AND MERINGUES. ADOLF J. MAINZER, INC., Long Island City, N. Y.
Filed August 29, 1925. Serial No. 219,541. PUBLISHED OCTOBER 27, 1925.

207,898. SILK GOODS IN THE PIECE. LOUIS ROESSEL & CO. INC., Hazleton, Pa., and New York, N. Y.
Filed August 29, 1925. Serial No. 219,540. PUBLISHED NOVEMBER 3, 1925.

207,899. HAIR NETS. NATIONAL COMMODITIES SALES CORPORATION, Philadelphia, Pa.
Filed August 28, 1925. Serial No. 219,490. PUBLISHED OCTOBER 27, 1925.

207,900. TWO-PLY YARN COTTON VOILES. WARWICK MILLS, Centerville, R. I., and Boston, Mass.
Filed August 27, 1925. Serial No. 219,463. PUBLISHED OCTOBER 27, 1925.

207,901. TWO-PLY YARN COTTON VOILES. WARWICK MILLS, Centerville, R. I., and Boston, Mass.
Filed August 27, 1925. Serial No. 219,462. PUBLISHED OCTOBER 27, 1925.

207,902. LEATHER BOOTS AND SHOES. HOLLAND SHOE CO., Holland, Mich.
Filed August 17, 1925. Serial No. 218,972. PUBLISHED OCTOBER 27, 1925.

207,903. MEN'S, WOMEN'S, AND CHILDREN'S BOOTS, SHOES, AND SLIPPERS MADE OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF, AND HOSIERY. BEN LEWIS, New York, N. Y.
Filed August 15, 1925. Serial No. 218,923. PUBLISHED OCTOBER 27, 1925.

207,904. BELTS AND GARTERS FOR PERSONAL WEAR. ENTERPRISE BELT MFG. CO. INC., New York, N. Y.
Filed August 13, 1925. Serial No. 218,801. PUBLISHED OCTOBER 27, 1925.

207,905. ENAMEL PAINT. MCDOUGALL-BUTLER CO., INC., Buffalo, N. Y.
Filed August 11, 1925. Serial No. 218,711. PUBLISHED OCTOBER 27, 1925.

207,906. MATCHES. THE GENERAL MATCH COMPANY, Reading, Cincinnati, Ohio.
Filed August 11, 1925. Serial No. 218,698. PUBLISHED OCTOBER 27, 1925.

207,907. FOOD COMPOUND CONSISTING OF COCOA, SUGAR, DRIED SKIM MILK, AND A TRACE OF SALT AND A FOOD COMPOUND CONSISTING OF COCOA, SUGAR, DRIED SKIM MILK, MALTED MILK, AND A TRACE OF SALT. THE CITIZENS' WHOLESALE SUPPLY COMPANY, Columbus, Ohio.
Filed August 8, 1925. Serial No. 218,540. PUBLISHED OCTOBER 27, 1925.

207,908. MIXTURE OF GELATIN AND SUGAR FOR QUICK DESSERTS AND FLAVORED WITH THE FOLLOWING DIFFERENT FLAVORS: LEMON, ORANGE, CHERRY, ALMOND, AND RASPBERRY. THE CITIZENS' WHOLESALE SUPPLY COMPANY, Columbus, Ohio.
Filed August 8, 1925. Serial No. 218,539. PUBLISHED OCTOBER 27, 1925.

207,909. WHEAT FLOUR. INTERNATIONAL MILLING COMPANY, Minneapolis, Minn.
Filed August 7, 1925. Serial No. 218,462. PUBLISHED OCTOBER 27, 1925.

207,910. GASOLINE. JOHNSON HIGH TEST OIL COMPANY, Freeport, Ill.
Filed August 4, 1925. Serial No. 218,361. PUBLISHED OCTOBER 27, 1925.

207,911. POLISH FOR PAINTED, VARNISHED, WAXED, AND SIMILAR SURFACES. WILLESEN MANUFACTURING COMPANY, Malden, Mass.
Filed August 3, 1925. Serial No. 218,347. PUBLISHED OCTOBER 27, 1925.

207,912. EVAPORATED MILK. MEYENBERG EVAPORATED MILK CO., San Francisco, Calif.
Filed August 1, 1925. Serial No. 218,269. PUBLISHED OCTOBER 27, 1925.

207,913. CANDIES. OTTO P. CATSIGIANIS, doing business as Blue Hill Candy Co., St. Louis, Mo.
Filed July 29, 1925. Serial No. 218,049. PUBLISHED OCTOBER 20, 1925.

207,914. CAPS FOR MEN, WOMEN, AND CHILDREN. AMERICAN CAP MANUFACTURING CO., INC., Louisville, Ky.
Filed July 29, 1925. Serial No. 218,037. PUBLISHED OCTOBER 27, 1925.

207,915. DRY AND READY-MIXED PAINTS, PAINT AND VARNISH DRIERS, PAINT ENAMELS, WOOD STAINS, VARNISH STAINS, WALL PAINT, PREPARED LACS, FILLERS FOR PAINTERS' USE, VARNISHES, AUTOMOBILE ENAMELS, BAKING ENAMELS, AND ENGINE ENAMELS. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio.
Filed July 28, 1925. Serial No. 218,019. PUBLISHED OCTOBER 27, 1925.

207,916. GASOLINE, KEROSENE, AND LUBRICATING OILS AND GREASES. MARTIN COUNTY CO-OP. OIL COMPANY, Triumph, Minn.
Filed July 27, 1925. Serial No. 217,939. PUBLISHED OCTOBER 27, 1925.

207,917. LADIES AND MISSES' HATS. L. JONAS & CO., Nashville, Tenn.
Filed July 27, 1925. Serial No. 217,935. PUBLISHED OCTOBER 27, 1925.

207,918. SEWING THREADS. INSULATING MATERIALS COMPANY, Detroit, Mich.
Filed July 20, 1925. Serial No. 217,620. PUBLISHED OCTOBER 27, 1925.

207,919. CERTAIN PIECE GOODS. COHN-HALL-MARX CO., New York, N. Y.
Filed July 28, 1925. Serial No. 218,001. PUBLISHED OCTOBER 27, 1925.

207,920. WHEAT FLOUR. SIMS MILLING COMPANY, Frankfort, Ind.
Filed July 25, 1925. Serial No. 217,903. PUBLISHED OCTOBER 20, 1925.

207,921. LUBRICATING OILS AND GREASES. THE BROWNELL CORPORATION, Sioux Falls, S. Dak.
Filed May 21, 1924. Serial No. 197,358. PUBLISHED MARCH 3, 1925.

207,922. CAKE FLOUR. SPERRY FLOUR COMPANY, San Francisco, Calif.
Filed September 3, 1925. Serial No. 219,787. PUBLISHED OCTOBER 27, 1925.

207,923. CHOCOLATE-COATED FRUIT CAKE. ASSOCIATED LABORATORIES, INC., doing business as Vendomatic Corporation, New York, N. Y.
Filed July 22, 1925. Serial No. 217,692. PUBLISHED OCTOBER 20, 1925.

207,924. PUTTIES AND RIDING BOOTS OF LEATHER. COLT-CROMWELL COMPANY, New York, N. Y.
Filed July 22, 1925. Serial No. 217,697. PUBLISHED OCTOBER 6, 1925.

207,925. WHEAT FLOUR. THE GOERZ FLOUR MILLS COMPANY, Newton, Kans.
Filed July 25, 1925. Serial No. 217,872. PUBLISHED OCTOBER 20, 1925.

207,926. HATS FOR WOMEN AND MISSES. HYLAND BROS. COMPANY, INC., Chicago, Ill., and New York, N. Y.
Filed July 30, 1925. Serial No. 218,124. PUBLISHED OCTOBER 6, 1925.

207,927. WHEAT FLOUR. WASHBURN CROSBY COMPANY, Minneapolis, Minn.
Filed August 6, 1925. Serial No. 218,511. PUBLISHED OCTOBER 6, 1925.

207,928. RUBBER HEELS. ESSEX RUBBER COMPANY, INC., Trenton, N. J.
Filed August 8, 1925. Serial No. 218,543. PUBLISHED OCTOBER 6, 1925.

207,929. PRINTED COTTON AND WOOL FABRICS IN THE PIECE. CAVANAGH-WHITING CO. INC., New York, N. Y.
Filed August 10, 1925. Serial No. 218,606. PUBLISHED OCTOBER 27, 1925.

207,930. COTTON POPLIN PIECE GOODS. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed August 10, 1925. Serial No. 218,620. PUBLISHED OCTOBER 27, 1925.

207,931. TOOTHBRUSHES. LESTER STAMM, doing business as The Monesta Company, New York, N. Y.
Filed August 13, 1925. Serial No. 218,831. PUBLISHED OCTOBER 13, 1925.

207,932. COMBINATION GARMENT COMPRISING A COMBINATION OF BRASSIÈRE, GIRDLE, STEP-IN, AND VEST. MODEL BRASSIERE CO. INC., New York, N. Y.
Filed August 17, 1925. Serial No. 218,984. PUBLISHED OCTOBER 6, 1925.

207,933. FRUIT COOKIES. SUNNYKLIME FOOD PRODUCTS CO., Minneapolis, Minn.
Filed August 20, 1925. Serial No. 219,152. PUBLISHED OCTOBER 27, 1925.

207,934. LEATHER SHOES. A. W. TEDCASTLE COMPANY, Boston, Mass.
Filed August 21, 1925. Serial No. 219,212. PUBLISHED OCTOBER 6, 1925.

207,935. WOVEN WORSTED FABRICS. WILLIAM F. READ & SONS CO., Philadelphia, Pa.
Filed August 24, 1925. Serial No. 219,303. PUBLISHED OCTOBER 27, 1925.

207,936. HATS FOR MEN AND BOYS. THE FRANK H. LEE COMPANY, Danbury, Conn.
Filed August 27, 1925. Serial No. 219,436. PUBLISHED OCTOBER 20, 1925.

207,937. SINGLE-PLY YARN COTTON VOILES. WARWICK MILLS, Centerville, R. I., and Boston, Mass.
Filed August 27, 1925. Serial No. 219,461. PUBLISHED OCTOBER 27, 1925.

207,938. PRETZELS. D. F. STAUFFER BISCUIT CO., INC., York, Pa.
Filed September 2, 1925. Serial No. 219,698. PUBLISHED OCTOBER 27, 1925.

207,939. CORSETS. THE MABLEY AND CAREW CO., Cincinnati, Ohio.
Filed September 3, 1925. Serial No. 219,751. PUBLISHED OCTOBER 20, 1925.

207,940. COOKY CAKES. PERFECTION BISCUIT COMPANY, Fort Wayne, Ind.
Filed September 3, 1925. Serial No. 219,760. PUBLISHED OCTOBER 27, 1925.

207,941. WHEAT FLOUR. SOUTH GEORGIA PRODUCE COMPANY, Vidalia, Ga.
Filed September 3, 1925. Serial No. 219,785. PUBLISHED OCTOBER 27, 1925.

207,942. HAIR NETS. SOL H. RUBENSTEIN, doing business as Bar Merchandise Company, New York, N. Y.
Filed September 4, 1925. Serial No. 219,845. PUBLISHED OCTOBER 27, 1925.

207,943. SILK AND COTTON GOODS IN THE PIECE. WM. SIMPSON, SONS & CO., Philadelphia, Pa.
Filed September 5, 1925. Serial No. 219,915. PUBLISHED OCTOBER 27, 1925.

207,944. BLEACHED WOVEN COTTON CLOTH COMMONLY CALLED BLEACHED DOMESTICS. M. HALFF & BRO., San Antonio, Tex.
Filed September 14, 1925. Serial No. 220,232. PUBLISHED OCTOBER 27, 1925.

207,945. COTTON, WOOL, AND SILK PIECE GOODS AND COMBINATIONS OF THE SAME. THE JOHN MAWSON HAIR CLOTH CO. INC., Philadelphia, Pa.
Filed September 15, 1925. Serial No. 220,291. PUBLISHED OCTOBER 27, 1925.

207,946. MINERS' SQUIBS. JOHN POWELL, Plymouth, Pa.
Filed September 15, 1925. Serial No. 220,295. PUBLISHED OCTOBER 27, 1925.

207,947. RAYON (ARTIFICIAL SILK) KNITTED MATERIALS IN THE PIECE. MORRIS LUBIN, doing business as Lubinette Knitting Mills, New York, N. Y.
Filed September 17, 1925. Serial No. 220,348. PUBLISHED OCTOBER 27, 1925.

207,948. FABRICS MADE OUT OF WORSTED AND WOOL YARN. H. ERNSTBERGER & CO., New York, N. Y.
Filed June 23, 1925. Serial No. 216,267. PUBLISHED OCTOBER 27, 1925.

207,949. GARTERS. MISHAWAKA RUBBER AND WOOLEN MANUFACTURING COMPANY, Mishawaka, Ind.
Filed June 10, 1925. Serial No. 215,585. PUBLISHED OCTOBER 13, 1925.

207,950. TABLE EARTHENWARE. JOHNSON BROTHERS, (HANLEY) LIMITED, Stoke-on-Trent, England.
Filed June 9, 1925. Serial No. 215,515. PUBLISHED OCTOBER 27, 1925.

207,951. REVOLVERS AND PISTOLS. SMITH AND WESSON, INC., Springfield, Mass.
Filed May 23, 1925. Serial No. 214,828. PUBLISHED OCTOBER 27, 1925.

207,952. DURUM-WHEAT FLOUR. WASHBURN CROSBY COMPANY, Minneapolis, Minn.
Filed May 5, 1925. Serial No. 213,869. PUBLISHED OCTOBER 27, 1925.

207,953. ICE CREAM. CAMPBELL'S ICE CREAM FACTORY, LTD., Shreveport, La.
Filed April 1, 1925. Serial No. 211,974. PUBLISHED OCTOBER 27, 1925.

207,954. MEAT EXTRACTS, MEAT ESSENCES, CANNED AND BOTTLED SOUPS, CANNED AND BOTTLED BROTHS, TABLE JELLIES, TURTLE SOUP, TURTLE-SOUP CUBES, TURTLE JELLY, PRESERVED TURTLE MEAT, SUN-DRIED TURTLE MEAT; HERBS USED IN THE PREPARATION OF TURTLE MEAT—I. E., TURTLE HERBS; INVALID FOOD PREPARATIONS, ETC. BRAND & COMPANY, LIMITED, London and Leicester, England.
Filed March 23, 1925. Serial No. 211,453. PUBLISHED OCTOBER 27, 1925.

207,955. TEA, COFFEE, RICE, MARSHMALLOW CREAM, VANILLA EXTRACTS FOR FLAVORING FOODS, AND FOOD-FLAVORING EXTRACTS; MACARONI, NOODLES, AND SPAGHETTI; CHOCOLATE AND COCOA AND CORNSTARCH AND SHREDDED COCONUT; JELLY POWDERS—VIZ, ORANGE, STRAWBERRY, RASPBERRY, CHERRY, AND LEMON; PEANUT BUTTER, PAPRIKA, NUTMEG, AND SPICES, AND PIE FILLERS AND SHORTENING COMPOUND. THE GREAT AMERICAN TEA COMPANY, Brooklyn, N. Y.
Filed February 11, 1925. Serial No. 209,402. PUBLISHED OCTOBER 27, 1925.

207,956. ART MATERIALS — NAMELY, BRONZE POWDERS, READY-MIXED OIL PAINTS, PAINT COLORS, AND PAINT PIGMENTS. FELDMANN FINE ARTS CO., St. Louis, Mo.
Filed October 13, 1924. Serial No. 203,804. PUBLISHED OCTOBER 27, 1925.

207,957. CHINAWARE AND CHINA DINNER SETS. HARTMAN FURNITURE & CARPET CO., Chicago, Ill.
Filed September 22, 1924. Serial No. 202,869. PUBLISHED OCTOBER 27, 1925.

207,958. MALT SIRUP, NONALCOHOLIC—I. E., CONTAINING LESS THAN ONE-HALF OF ONE PER CENT OF ALCOHOL FOR FOOD PURPOSES. CONSUMERS PRODUCTS CO., Brooklyn, N. Y.
Filed September 23, 1924. Serial No. 202,846. PUBLISHED OCTOBER 27, 1925.

207,959. ENAMELING COMPOUND FOR CERAMIC WARE. METAL & THERMIT CORPORATION, New York, N. Y.
Filed August 16, 1924. Serial No. 201,503. PUBLISHED OCTOBER 27, 1925.

207,960. GUMS, SIZINGS, AND PASTES MADE FROM STARCHES. HURON MILLING COMPANY, Harbor Beach, Mich.
Filed June 18, 1924. Serial No. 198,746. PUBLISHED DECEMBER 9, 1924.

207,961. WELTING FOR BOOTS AND SHOES. BARBOUR WELTING COMPANY, Brockton, Mass., assignor to Perley E. Barbour, Quincy, Mass.
Filed June 4, 1924. Serial No. 198,047. PUBLISHED AUGUST 18, 1925.

207,962. ANIMAL FOODS. A. W. SCOTT COMPANY, San Francisco, Calif.
Filed April 14, 1924. Serial No. 195,542. PUBLISHED SEPTEMBER 15, 1925.

207,963. WOMEN'S, GIRLS', AND MISSES' FURNISHINGS, UNDERGARMENTS, AND CLOTHING. GENERAL IMPORT & EXPORT TRADING CO. INC., New York, N. Y.
Filed April 10, 1924. Serial No. 195,278. PUBLISHED NOVEMBER 18, 1924.

207,964. ARTICLES AND DEVICES FOR SMOKERS. OTTO EISENLOHR & BROS. INCORPORATED, Philadelphia, Pa.
Filed April 4, 1924. Serial No. 194,986. PUBLISHED OCTOBER 27, 1925.

207,965. FIRE BRICK. SAVAGE MOUNTAIN FIRE BRICK COMPANY, Frostburg, Md.
Filed January 23, 1924. Serial No. 191,587. PUBLISHED JANUARY 27, 1925.

207,966. CERTAIN BED LINENS AND BLANKETS. THE COLD BLAST FEATHER COMPANY, Philadelphia, Pa.
Filed September 15, 1923. Serial No. 185,815. PUBLISHED OCTOBER 27, 1925.

207,967. COTTON THREAD. SOCIETE EN COMMANDITE MAURICE FRINGS & CIE., Paris, France.
Filed March 16, 1923. Serial No. 177,574. PUBLISHED OCTOBER 27, 1925.

207,968. BUTTER, COFFEE, TEA, MARSHMALLOW PASTE, RASPBERRY JAM, STRAWBERRY JAM, CATCHUP, RICE, WHEAT BREAKFAST CEREAL, DRIED CODFISH, CANNED SALMON STEAK, CANNED BAKED BEANS, ETC. THE GINTER COMPANY, Boston, Mass.
Filed April 23, 1923. Serial No. 179,580. PUBLISHED JUNE 8, 1924.

207,969. CITROUS FRUITS IN THEIR NATURAL STATE. FROSTPROOF CITRUS GROWERS ASSN., Frostproof, Fla.
Filed October 24, 1923. Serial No. 187,415. PUBLISHED OCTOBER 27, 1925.

207,970. FRESH GRAPES. P. P. FELIX RIMPLER & CIA., Buenos Aires, Argentina.
Filed November 28, 1923. Serial No. 189,011. PUBLISHED MARCH 10, 1925.

207,971. MELONS. HELEN S. SPEICH, as executrix of the estate of Frederick H. Speich, deceased, doing business as F. H. Speich & Co., Riverside, Calif.
Filed December 5, 1923. Serial No. 189,276. PUBLISHED SEPTEMBER 30, 1924.

207,972. HAMS, SLICED HAM, SAUSAGE, AND LARD. PHILLIPS GENUINE SAUSAGE COMPANY, Washington, D. C.
Filed June 7, 1924. Serial No. 198,249. PUBLISHED SEPTEMBER 9, 1924.

207,973. MAYONNAISE DRESSING. THREE GIRLS HOME FOOD PRODUCTS, Brooklyn, N. Y.
Filed July 3, 1924. Serial No. 199,587. PUBLISHED OCTOBER 27, 1925.

207,974. SOLES FOR FOOTWEAR OF LEATHER, FABRIC, RUBBER, OR OTHER MATERIALS OR COMBINATIONS THEREOF. FIRESTONE-APSLEY RUBBER COMPANY, Hudson, Mass.
Filed August 1, 1924. Serial No. 200,812. PUBLISHED OCTOBER 13, 1925.

207,975. HOSE SUPPORTERS. IVORY GARTER COMPANY, New Orleans, La.
Filed August 6, 1924. Serial No. 201,034. PUBLISHED OCTOBER 20, 1925.

207,976. WOMEN'S SHOES OF LEATHER OR COMBINATION OF LEATHER AND FABRIC OR RUBBER. CRADDOCK TERRY COMPANY, Lynchburg, Va.
Filed August 19, 1924. Serial No. 201,609. PUBLISHED OCTOBER 13, 1925.

207,977. SAUSAGE. J. S. HOFFMAN COMPANY, Chicago, Ill.
Filed November 6, 1924. Serial No. 204,910. PUBLISHED OCTOBER 27, 1925.

207,978. CANNED SALMON. ALASKA SALMON COMPANY, San Francisco, Calif.
Filed March 10, 1925. Serial No. 210,777. PUBLISHED OCTOBER 27, 1925.

207,979. AUTO AND FURNITURE POLISH AND REFINISHER. YOUNG & SULLIVAN, Pontiac, Mich.
Filed March 26, 1925. Serial No. 211,732. PUBLISHED OCTOBER 20, 1925.

207,980. POWDERED SUGAR. ARTHUR M. Q. SYME, doing business as The S & E Powdered Sugar Co., Chicago, Ill.
Filed March 31, 1925. Serial No. 211,959. PUBLISHED OCTOBER 13, 1925.

207,981. LEATHER INSOLES AND LEATHER SHOE LININGS. BEGGS & COBB, INCORPORATED, Boston, Mass.
Filed April 2, 1925. Serial No. 212,057. PUBLISHED OCTOBER 20, 1925.

207,982. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. UPLAND LEMON GROWERS ASSOCIATION, Upland, Calif.
Filed April 18, 1925. Serial No. 212,979. PUBLISHED OCTOBER 27, 1925.

207,983. BRAKE LINERS. ANDERSON, DOOLITTLE & DOOLITTLE, Yakima, Wash.
Filed May 5, 1925. Serial No. 213,824. PUBLISHED OCTOBER 20, 1925.

207,984. OUTER SUITS AND OVERCOATS FOR MEN AND BOYS. MAX GOLDEN, doing business as Navishade Company, Philadelphia, Pa.
Filed May 14, 1925. Serial No. 214,334. PUBLISHED OCTOBER 13, 1925.

207,985. CHEWING CANDY IN THE SHAPE OF FRUITS AND FLAVORED ACCORDINGLY. HAWLEY & HOOPS, New York, N. Y.
Filed May 21, 1925. Serial No. 214,660. PUBLISHED OCTOBER 27, 1925.

207,986. GASOLINE, KEROSENE, BENZOL, LUBRICATING OILS, AND LUBRICATING GREASES. CARDINAL PETROLEUM COMPANY, Muskegon, Mich.
Filed June 17, 1925. Serial No. 215,892. PUBLISHED OCTOBER 20, 1925.

207,987. TELEGRAPH KEYS OR TRANSMITTERS, AND PARTICULARLY FOR THE "AUTOMATIC DOT" CONSTRUCTIONS OF THE SAME KNOWN IN THE ART FOR THE PAST 10 YEARS OR MORE BY THE GENERIC NAME OF "BUGS." J. H. BUNNELL & COMPANY, INC., New York, N. Y.
Filed July 24, 1924. Serial No. 200,430. PUBLISHED OCTOBER 13, 1925.

207,988. TELEGRAPH KEYS OR TRANSMITTERS, AND PARTICULARLY FOR THE "AUTOMATIC DOT" CONSTRUCTIONS OF THE SAME KNOWN IN THE ART FOR THE PAST 10 YEARS OR MORE BY THE GENERIC NAME OF "BUGS." J. H. BUNNELL & COMPANY, INC., New York, N. Y.
Filed March 13, 1925. Serial No. 210,950. PUBLISHED OCTOBER 13, 1925.

207,989. BOOTS AND SHOES MADE PRINCIPALLY OF RUBBER AND FABRIC. THE B. F. GOODRICH COMPANY, New York, N. Y.
Filed July 17, 1925. Serial No. 217,508. PUBLISHED OCTOBER 13, 1925.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

207,990. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HYGIENIC SANITATION COMPANY, Philadelphia, Pa. Filed Aug. 7, 1925. Serial No. 218,461.

RATRYE

Particular description of goods.—Rodent Exterminator.
Claims use since July 1, 1923.

207,991. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE F. HINRICHS, INC., New York, N. Y. Filed Aug. 9, 1922. Serial No. 167,983.

Urebest

Particular description of goods.—Butter, Eggs, Cheese, and Dressed Poultry.
Claims use since May 6, 1921.

207,992. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SAMUEL R. GRIFFIN, Winston-Salem, N. C. Filed Nov. 7, 1924. Serial No. 204,963.

ROCKINGHAM

Particular description of goods.—Liniments for External Application.
Claims use since May 1, 1923.

207,993. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BETTY FAYE Co., New Haven, Conn. Filed May 4, 1925. Serial No. 218,763.

Betty Faye

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, and Sachets.
Claims use since Oct. 10, 1922.

207,994. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) T. I. HURST & SONS, Pyriton, Ala. Filed Nov. 24, 1924. Serial No. 205,756.

"EVER READY"

Particular description of goods.—Medicine for Venereal Diseases.
Claims use since No. 14, 1924.

207,995. (CLASS 12. CONSTRUCTION MATERIALS.) THE C. A. MAUK LUMBER CO., Toledo, Ohio. Filed Dec. 22. 1924. Serial No. 207,087.

MAUK DOUBLE-DIPPED

Particular description of goods.—Wooden Shingles.
Claims use since Nov. 15, 1924.

207,996. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed Jan. 6, 1925. Serial No. 207,733.

WOOLE WORM

Particular description of goods.—Spinners for Artificial Fish Bait.
Claims use since Feb. 26, 1924.

207,997. (CLASS 39. CLOTHING.) SAKS & COMPANY, New York, N. Y. Filed Jan. 21, 1925. Serial No. 208,421.

Fenton

Particular description of goods.—Women's, Misses', and Children's Shoes and Slippers of Leather, Rubber, Fabric, and Combinations.
Claims use since Sept. 1, 1924.

207,998. (CLASS 39. CLOTHING.) G. H. BARLAGE CO. INC., St. Louis, Mo. Filed Feb. 6, 1925. Serial No. 209,152.

Sheffield HOSIERY

Particular description of goods.—Hosiery.
Claims use since Nov. 11, 1924.

207,999. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GIESECKE & SON CO., Milwaukee, Wis. Filed Feb. 11, 1925. Serial No. 209,399.

GIESECKE'S GREEN ESSENCE

Particular description of goods.—Medicines Used for Colds and Stomach Troubles.
Claims use since November, 1924.

208,000. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HARRY A. DRAUN, doing business as Firestop Extinguisher Co., Baltimore, Md. Filed June 1, 1925. Serial No. 215,142.

FIRESTOP

Particular description of goods.—Fire-Extinguishing Compound.
Claims use since Nov. 12, 1924.

208,001. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) STANBACK MEDICINE CO., Spencer, N. C. Filed June 10, 1925. Serial No. 215,592.

STANBACK HEADACHE POWDERS

Particular description of goods.—Headache Remedy.
Claims use since Jan. 1, 1924.

208,002. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) INDEPENDENT BAKING COMPANY, Davenport, Iowa. Filed July 1, 1925. Serial No. 216,726.

ESSEX

Particular description of goods.—Biscuits.
Claims use since Oct. 31, 1924.

208,003. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) C. TRAFFICANTE BROS., Brooklyn, N. Y. Filed Sept. 11, 1925. Serial No. 220,155.

SIENA

Particular description of goods.—Olive Oil.
Claims use since Jan. 2, 1924.

208,004. (CLASS 12. CONSTRUCTION MATERIALS.) ATLAS PLYWOOD CORPORATION, Boston, Mass. Filed Sept. 23, 1925. Serial No. 220,633.

CARRY THE WEIGHT
SAVE FREIGHT

Particular description of goods.—Ply-Wood Panels and Dimension Veneer.
Claims use since July 22, 1914.

208,005. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) ROBERT HUNTER, Milbank, S. Dak. Filed Oct. 6, 1925. Serial No. 221,320.

HUNTER'S MAHOGANY MILBANK, S.D. TRADE MARK

Particular description of goods.—Granite Monuments, Tombstones, and Markers.
Claims use since July, 1923.

208,006. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ZUCCA'S RESTAURANT, INC., New York, N. Y. Filed Oct. 10, 1925. Serial No. 221,581.

Zucca's

Particular description of goods.—Pâté de Foie Gras, Canned Soups, and Noodles.
Claims use since Jan. 1, 1916, in the name of Peck & Zucca and since about Jan. 1, 1920, under applicant's present name.

208,007. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ESTELLE V. POWELL, doing business as Powell Mfg. Co., New York, N. Y. Filed Oct. 17, 1925. Serial No. 221,919.

GERANIUM

Particular description of goods.—Greaselike Substance Used in the Treatment of and as a Nourishment for the Scalp and in the Treatment of the Hair.
Claims use since 1923.

208,008. (CLASS 20. LINOLEUM AND OILED CLOTH.) ARMSTRONG CORK COMPANY, Pittsburgh, Pa. Filed Nov. 5, 1925. Serial No. 222,809.

Armstrong's

Particular description of goods.—Felt-Base Floor Coverings of the Oilcloth Type, Both Piece Goods and Rugs.
Claims use since Oct. 14, 1924.

208,009. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CANBY, ACH & CANBY CO., Dayton, Ohio. Filed Nov. 6, 1925. Serial No. 222,913.

DRESDEN

Particular description of goods.—Coffee.
Claims use since 1905.

208,010. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RIGO MANUFACTURING COMPANY, Nashville, Tenn. Filed Nov. 12, 1925. Serial No. 223,191.

RIGO'S Certified ASPIRIN

Particular description of goods.—Aspirin.
Claims use since Jan. 1, 1924.

208,011. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) OSWALD H. C. FRISCH, doing business as Sandelin Drug Co., West Oakland, Calif. Filed Nov. 23, 1925. Serial No. 223,706.

SANDELIN'S
Klondyke Salve

Particular description of goods.—Salves—Namely, a Preparation for Use in Cases of Wounds, Sores, Cuts, Bruises, Abscesses, Boils, Ulcers, and Chapped Hands.
Claims use since March, 1895.

TRADE-MARK REGISTRATIONS RENEWED

46,210. SILK AND SATIN PIECE GOODS. Registered September 12, 1905. WILLIAM SKINNER MANUFACTURING CO., Holyoke and Boston, Mass.; New York, N. Y.; Chicago, Ill.; and Philadelphia, Pa. Renewed September 12, 1925, to William Skinner & Sons, Holyoke, Mass., an Association of Massachusetts, assignee.

46,736. FOUNTAIN PENS. Registered October 3, 1905. BOSTON FOUNTAIN PEN COMPANY, Boston, Mass. Renewed October 3, 1925, to Boston Pen Company, West Somerville, Mass., a Corporation of Massachusetts, assignee.

48,042. KNITTED UNDERWEAR. Registered December 5, 1905. GLASTONBURY KNITTING COMPANY, Addison, Conn., a Corporation of Connecticut. Renewed December 5, 1925.

48,410. BOILER COMPOUNDS. Registered December 26, 1905. ARROW BOILER COMPOUND COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed December 26, 1925.

48,455. NURSING BOTTLES. Registered January 2, 1906. WILLIAM MORE DECKER. Renewed January 2, 1926, to Hygeia Nursing Bottle Company, Inc., Buffalo, N. Y., a Corporation of New York, assignee.

49,139. WIRE ROPES. Registered January 23, 1906. A. LESCHEN & SONS ROPE CO., St. Louis, Mo., a Corporation of Missouri. Renewed January 23, 1926.

49,525. TONICS. Registered February 6, 1906. KATHARMON CHEMICAL CO., St. Louis, Mo., a Corporation of Missouri. Renewed February 6, 1926.

49,586. LIGHTNING RODS. Registered February 13, 1906. DODD & STRUTHERS, Des Moines, Iowa, a Corporation of Iowa. Renewed February 13, 1926.

49,768. KNITTED UNDERWEAR. Registered February 13, 1906. GLASTONBURY KNITTING COMPANY, Addison, Conn., a Corporation of Connecticut. Renewed February 13, 1926.

49,859. A DETERGENT PREPARATION. Registered February 20, 1906. HOLZAPFEL'S COMPOSITIONS COMPANY, LIMITED, Newcastle-upon-Tyne, England. Renewed February 20, 1926, to The International Paint & Compositions Co. Ltd., London, S. W., England, a Corporation of Great Britain, assignee.

50,030. CANNED OYSTERS, FISH, CLAMS, CRABS, SHRIMP, AND LOBSTERS. Registered February 27, 1906. A. BOOTH AND COMPANY, Chicago, Ill.; Baltimore, Md.; St. Paul, Duluth, and Minneapolis, Minn.; St. Louis, Mo.; Louisville, Ky.; Omaha, Nebr.; Indianapolis, Ind.; and Port Arthur, Canada. Renewed February 27, 1926, to Booth Fisheries Company, Chicago, Ill., a Corporation of Delaware, successor.

50,788. LINIMENT. Registered March 27, 1906. P. L. HOOVER & BROS. Renewed March 27, 1926, to Hoover Liniment Company, Incorporated, Carlisle, Ind., a Corporation of Indiana, assignee.

50,914. MACHINES FOR CUTTING STENCILS. Registered April 3, 1906. THE DIAGRAPH COMPANY. Renewed April 3, 1926, to American Bakers Machinery Co., St. Louis, Mo., a Corporation of Missouri, successor.

51,072. PAPER AND ENVELOPES. Registered April 3, 1906. FITZ ALLEN FLINN. Renewed April 3, 1926, to F. A. Flinn Inc., New York, N. Y., a Corporation of New York, successor.

51,349. TOOL STEEL AND STEEL BARS, RODS, AND SHEETS. Registered April 10, 1906. HAWKRIDGE BROTHERS. Renewed April 10, 1926, to Hawkridge Brothers Company, Boston, Mass., a Corporation of Massachusetts, assignee.

51,350. REMEDY FOR CATARRH, HAY FEVER, AND COLD IN THE HEAD. Registered April 10, 1906. THE HOME REMEDY Co., South Haven, Mich. Renewed April 10, 1926.

51,456. PRESERVATIVE AND INSULATING VARNISHES. THE STANDARD PAINT COMPANY, New York, N. Y. Renewed April 17, 1926, to The Ruberoid Co., New York, N. Y., and Boundbrook, N. J., a Corporation of New Jersey, assignee.

51,490. A LIVER REMEDY. Registered April 17, 1906. A. C. SIMMONS JR. MEDICINE Co. Renewed April 17, 1926, to A. B. Richards Medicine Company, Inc., Sherman, Tex., a Corporation of Texas, assignee.

51,538. BOYS' SUITS. Registered April 17, 1906. HENRY A. SEINSHEIMER. Renewed April 17, 1926, to The H. A. Seinsheimer Company, Cincinnati, Ohio, a Corporation of Ohio, assignee.

51,541. WHISKY. Registered April 17, 1906. A. P. HOTALING & Co., San Francisco, Calif., a Corporation of California. Renewed April 17, 1926.

51,706. DYNAMITE, DYNAMITE CARTRIDGES, BLASTING GELATIN, AND LOW POWDER. Registered April 24, 1906. THE AETNA POWDER Co., Chicago, Ill. Renewed April 24, 1926, to Hercules Explosives Corporation, Wilmington, Del., a Corporation of New York, assignee.

51,767. BISCUITS AND CAKES. Registered April 24, 1906. HUNTLEY & PALMERS, LTD., Reading, England, a Corporation of Great Britain. Renewed April 24, 1926.

51,915. CARAMELS AND CANDIES. Registered April 24, 1906. AMERICAN CARAMEL Co., Lancaster, Philadelphia, and York, Pa. Renewed April 24, 1926, to American Caramel Company, York, Pa., a Corporation of Pennsylvania.

51,967. A RED PAINT. Registered May 1, 1906. F. O. PIERCE COMPANY, New York, N. Y., a Corporation of New York. Renewed May 1, 1926.

52,005. CANDY. Registered May 1, 1906. BRANDLE & SMITH Co., Philadelphia, Pa., a Corporation of Pennsylvania. Renewed May 1, 1926.

52,021. MANIFOLDING DEVICES. Registered May 1, 1906. PHILIP HANO & Co., New York, N. Y. Renewed May 1, 1926, to Philip Hano Company, Holyoke, Mass., a Corporation of Massachusetts, assignee by mesne assignments.

52,093. COTTON PIECE GOODS. Registered May 1, 1906. ISIDORO GELBTRUNK, New York, N. Y. Renewed May 1, 1926.

52,113. GRAPE VINES, CUTTINGS, SCIONS, GRAFTS, ROOTS, AND STOCKS. Registered May 1, 1906. STARK BRO'S NURSERIES & ORCHARDS COMPANY, Louisiana, Mo., a Corporation of Missouri. Renewed May 1, 1926.

52,124. GRAPE VINES, CUTTINGS, SCIONS, GRAFTS, ROOTS, AND STOCKS. Registered May 1, 1906. STARK BRO'S NURSERIES & ORCHARDS COMPANY, Louisiana, Mo., a Corporation of Missouri. Renewed May 1, 1926.

52,157. A COMPOUND FOR EXTERMINATING VERMIN. Registered May 1, 1906. EDGAR A. MURRAY. Renewed May 1, 1926, to Edgar A. Murray, doing business as Edgar A. Murray Company, Detroit, Mich., successor.

52,337. INSULATED WIRE AND ADHESIVE TAPES COMMONLY USED FOR INSULATING. Registered May 8, 1906. NEW YORK INSULATING WIRE COMPANY, New York, N. Y., a Corporation of New York. Renewed May 8, 1926.

52,338. HOUSE PAINTS. Registered May 8, 1906. PIMBLEY PAINT & GLASS Co., St. Joseph, Mo., a Corporation of Missouri. Renewed May 8, 1926.

52,373. CARPET WARPS. Registered May 8, 1906. JAMES E. REYNOLDS. Renewed May 8, 1926, to James E. Reynolds & Co., New York, N. Y., assignee.

52,375. CORDS, LINES, TWINES, AND ROPES. Registered May 8, 1906. SILVER LAKE COMPANY, Boston, Mass. Renewed May 8, 1926, to Silver Lake Company, Newton, Mass., a Corporation of Massachusetts. Renewed May 8, 1926.

52,376. CORDS, LINES, TWINES, AND ROPES. Registered May 8, 1906. SILVER LAKE COMPANY, Boston, Mass. Renewed May 8, 1926, to Silver Lake Company, Newton, Mass., a Corporation of Massachusetts.

52,438. CANDY. Registered May 8, 1906. WALTER BROWNLEY. Renewed May 8, 1926, to Brownley's, Inc., Washington, D. C., a Corporation of Delaware, assignee.

52,652. GLOVES. Registered May 15, 1906. ABRAHAM & STRAUS. Renewed May 15, 1926, to Abraham & Straus, Inc., Brooklyn, N. Y., a Corporation of New York, assignee.

52,699. MIXED PAINTS. Registered May 15, 1906. JOHN W. MASURY & SON, Brooklyn, N. Y., a Corporation of New York. Renewed May 15, 1926.

52,732. COATS, VESTS, PANTALOONS, OVERCOATS, AND MEN'S AND BOYS' SUITS. Registered May 15, 1906. PERRY & Co., Philadelphia, Pa. Renewed May 15, 1926.

52,736. MATTRESSES. Registered May 15, 1906. CHARLES W. WHITE, Waco, Tex. Renewed May 15, 1926.

52,742. WOOLEN CLOTH. Registered May 15, 1906. TALBOT MILLS, Billerica, Mass. Renewed May 15, 1926, to Talbot Mills, Billerica and North Billerica, Mass., a Corporation of Massachusetts.

52,808. TOOTHBRUSHES. Registered May 15, 1906. FLORENCE MANUFACTURING COMPANY. Renewed May 15, 1926, to Pro-phy-lac-tic Brush Company, Northampton, Mass., a Corporation of Massachusetts, assignee.

52,818. SHEEPSKINS HAVING A SPECIAL FINISH. Registered May 15, 1906. RICHARD YOUNG COMPANY, New York, N. Y., a Corporation of New York. Renewed May 15, 1926.

52,827. SAFES. Registered May 22, 1906. HERRING-HALL-MARVIN SAFE COMPANY, Hamilton, Ohio, and New York, N. Y. Renewed May 22, 1926, to Herring-Hall-Marvin Safe Company, New York, N. Y., a Corporation of New York.

52,845. A BONE FERTILIZER. Registered May 22, 1906. F. S. ROYSTER GUANO Co., Norfolk, Va., a Corporation of Virginia. Renewed May 22, 1926.

52,905. FIELD SEEDS AND GRASS SEEDS, INCLUDING CLOVER SEEDS. Registered May 22, 1906. HORACE E. CONKLIN. Renewed May 22, 1926, to Horace E. Conklin, doing business as E. W. Conklin & Son, Binghamton, N. Y.

52,911. MEN'S AND BOYS' LEATHER BOOTS, SHOES, AND SLIPPERS. Registered May 22, 1906. JAMES A. BANISTER COMPANY, Newark, N. J., a Corporation of New Jersey. Renewed May 22, 1926.

52,931. PAPER AND ENVELOPES. Registered May 22, 1906. FITZ ALLEN FLINN. Renewed May 22, 1926, to F. A. Flinn, Inc., New York, N. Y., a Corporation of New York, successor.

52,933. SOAP. Registered May 22, 1906. MONAHAN ANTISEPTIC Co. Renewed May 22, 1926, to Green Oil Soap Company, Chicago, Ill., a Corporation of Illinois, assignee.

53,001. SHOE DRESSING. Registered May 22, 1906. GEO. E. KEITH COMPANY, Brockton, Mass., a Corporation of Massachusetts. Renewed May 22, 1926.

53,068. PILLS FOR LIVER AND BOWEL COMPLAINTS. Registered May 22, 1906. B. T. DAVIS. Renewed May 22, 1926, to Benajah T. Davis, Huntington, W. Va.

LABELS

REGISTERED JANUARY 12, 1926.

29,752.—*Title:* CHOCOLATE SPONGE BAR. For Chocolate Candies. THE CHOCOLATE SPONGE CO. INC., Brooklyn, N. Y. Published November 2, 1925.

29,753.—*Title:* THE SANCTIS. For Burial Receptacles. HALSTED-DIERKS & Co., San Francisco, Calif. Published December 9, 1925.

29,754.—*Title:* PAINPATCH. For Porous Plasters. JAMES J. LARMOUR, East Orange, N. J. Published August 3, 1925.

29,755.—*Title:* OLIVETTE. For Cold-Cream Face Powder. JOSEPH H. MOORE, Providence, R. I. Published April 15, 1921.

29,756.—*Title:* FLEUR DE CRÈME SPECIAL EXTRA-FIN. For Cheese and Cheese Products. ALFRED RAYNAUD, Goshen, N. Y. Published September 26, 1925.

PRINTS

REGISTERED JANUARY 12, 1926.

8,490.—*Title:* FIVE SIMPLE STEPS—AND IT'S DONE. For Paints, Varnishes, and the Bass-Hueter Grainer. BASS-HUETER PAINT COMPANY, San Francisco, Calif. Published September 25, 1925.

8,491.—*Title:* WHO IS BUSIER THAN A BABY? HE BURNS UP AS MUCH ENERGY IN GROWING AS HIS MOTHER DOES IN WORK. For Wheat Breakfast Food. CREAM OF WHEAT Co., Minneapolis, Minn. Published November 5, 1925.

8,492.—*Title:* TO THE MOTHER OF EVERY SAN FRANCISCO SCHOOL CHILD. For Wheat Breakfast Food. CREAM OF WHEAT Co., Minneapolis, Minn. Published November 24, 1925.

8,493.—*Title:* YOU WILL LIKE FLORIAN MENTHOLATED BAY RUM SHAVING CREAM BETTER. For Shaving Cream. FLORIAN INC., Des Moines, Iowa. Published October 21, 1925.

8,494.—*Title:* BUY A TUBE OF FLORIAN TOOTH PASTE. For Tooth Paste. FLORIAN INC., Des Moines, Iowa. Published October 21, 1925.

8,495.—*Title:* SOLID COMFORT—THAT'S WHAT YOU'LL SAY WHEN YOU PUT YOUR OLD SHOES ON AFTER WE'VE REPAIRED THEM—WE USE GOOD—WINGFOOT—YEAR WINGFOOT SOLES & HEELS. For Soles and Heels for Boot and Shoes Composed Wholly or in Part of Rubber. THE GOODYEAR TIRE & RUBBER COMPANY, INC., Akron, Ohio. Published October 28, 1925.

8,496.—*Title:* FOODS AND INGREDIENTS OF FOODS. For Foods and Ingredients of Foods. GRANGER & Co., Buffalo, N. Y. Published September 22, 1925.

8,497.—*Title:* CASSINE CHAMPAGNE. For Cassine Champagne. STEPHEN M. HOYE, doing business as Cassine Products Co., Brooklyn, N. Y. Published January 20, 1925.

8,498.—*Title:* JUPITER SPARK PLUGS. For Spark Plugs. JUPITER SPARK PLUG COMPANY, Seattle, Wash. Published May 8, 1925.

8,499.—*Title:* AN EXTRA QUART IN EVERY GALLON. For Motor Oil. QUAKER STATE OIL REFINING COMPANY, Oil City, Pa. Published November 19, 1925.

8,500.—*Title:* MONARCH. For Groceries. REID, MURDOCH & Co., Chicago, Ill. Published November 30, 1925.

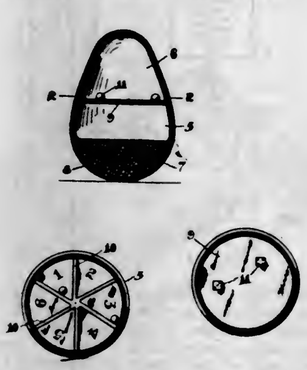
8,501.—*Title:* OLD TIME BREAD. For Bread. SLAKER HEALTH FOOD Co., Aurora, Ill. Published September 12, 1925.

8,502.—*Title:* SUMMEROUR'S WESTERN WONDER. For Cotton Seed. SUMMEROUR & SON, Vernon, Tex. Published November 15, 1925.

REISSUES

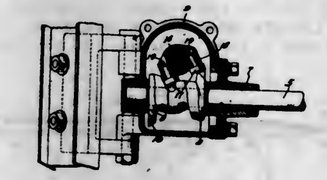
JANUARY 12, 1926.

16,246. GAME DEVICE. JOHN W. CULP, Johnstown, Pa. Filed Oct. 6, 1924. Serial No. 742,056. Original No. 1,500,110, dated July 8, 1924, Serial No. 655,907, filed Aug. 6, 1923. 2 Claims. (Cl. 273—145.)



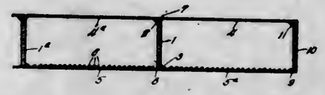
1. In a rockable game piece of the character set forth, a hollow and transparent member weighted at its lower end whereby said member normally assumes an upright position, said member being divided into upper and lower sections; a plate supported between said sections; and a game piece movable on said plate.

16,247. STEERING MECHANISM FOR MOTOR VEHICLES. GEORGE H. HANNUM, Pontiac, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Jan. 31, 1923. Serial No. 616,208. Original No. 1,425,765, dated Aug. 15, 1922, Serial No. 508,282, filed Oct. 17, 1921. 6 Claims. (Cl. 74—79.)



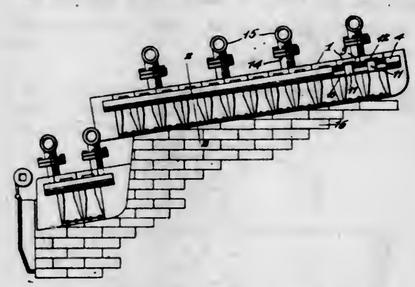
6. In steering mechanism of the class described, a rotatable steering shaft; two oppositely arranged cam members carried by said shaft and located adjacent the lower end thereof; an oscillating shaft located adjacent said cams and extending transverse to said steering shaft at one side of the axis thereof; bearing means carried by said oscillating shaft and having substantially flat portions with which said cam members engage and which portions are arranged substantially parallel with the plane of the axis of said oscillating shaft; and means whereby oscillating motion of said shaft is communicated to the wheels of a vehicle to thereby steer the same.

16,248. STEEL LUMBER. WALTER CLYDE JONES, Evanston, Ill. Filed Oct. 15, 1925. Serial No. 62,679. Original No. 1,548,809, dated Aug. 4, 1925, Serial No. 664,155, filed Sept. 22, 1923. 24 Claims. (Cl. 72—116.)



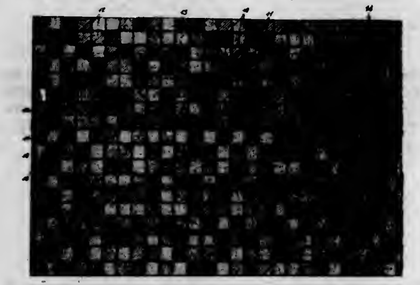
21. A self contained permanently organized steel lumber section adapted to be fabricated completely before installation and constituting a Z-shaped unitary structure serving as a combination building element, which comprises a relatively thick weight supporting studding portion and relatively thin sustaining plate portions extending laterally from said studding portion in opposite directions, said sustaining plate portions being of sufficient width, in conjunction with adjoining lumber sections, to span the spaces between adjacent studding portions.

16,249. FURNACE ARCH. JOHN WILLIAM GATES, Montreal, Quebec, Canada. Filed July 14, 1925. Serial No. 43,632. Original No. 1,500,123, dated July 8, 1924, Serial No. 638,279, filed May 11, 1923. 12 Claims. (Cl. 110—99.)



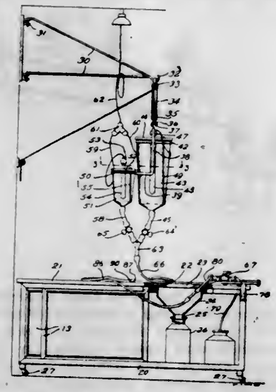
12. In a furnace suspended arch construction, a supporting harness including a plurality of spaced elements mounted in the furnace structure and each of said elements provided with spaced means for supplying air therethrough, and an arch structure comprising rows of blocks arranged between said spaced harness elements and removably interlocked therewith, the opposed faces of the blocks in adjacent rows being recessed to provide rectangular air receiving passages of greater width than depth opening upon the under side of the arch and communicating respectively with the spaced air supply means of said harness elements, the egress ends of the passages in adjacent rows of blocks extending longitudinally of the depth of the furnace and, in the aggregate, exceeding the major portion of the depth of the blocks, and means interposed between the blocks and spaced elements permitting the individual removal and displacement of the blocks vertically with respect to the face of the arch, by the removal and replacement of said means.

16,250. SURFACE COVERING AND METHOD OF DECORATING THE SAME. CHARLES F. HUMPHREYS, Lancaster, Pa., assignor to Armstrong Cork Company, a Corporation of Pennsylvania. Filed Dec. 7, 1925. Serial No. 73,930. Original No. 1,520,130, dated Dec. 23, 1924, Serial No. 717,658, filed June 3, 1924. 2 Claims. (Cl. 41—17.)



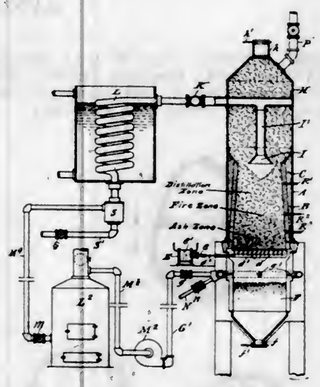
1. The method of decorating a surface which comprises covering the surface with a uniform pattern of spaces with a limited number of varying appearances, arranging the spaces of like appearance upon the surface with irregularity of occurrence, and repeating the arrangement over an area so large as to be not perceived by a single glance of the eye, whereby to stimulate the haphazard appearance of hand laid tiling.

16,251. MEDICAL APPARATUS FOR USE IN PROCTOTHERAPY. OSCAR BOTO SCHELLBERG, New York, N. Y., assignor to Schellberg Manufacturing Corporation, New York, N. Y., a Corporation of New York. Filed Nov. 17, 1923. Serial No. 675,389. Original No. 1,425,420, dated Aug. 8, 1922, Serial No. 463,702, filed Apr. 22, 1921. 6 Claims. (Cl. 128—227.)



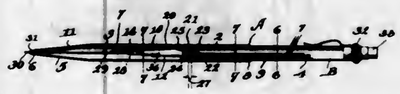
1. A device of the character described comprising a bracket, a rectangular frame having a portion thereof bent at right angles to the main portion to provide means for supporting a plurality of containers, a container suspended in one portion of said rectangular frame, a container rigidly supported in the other portion of said rectangular frame, and means for adjustably supporting said frame relative to the bracket, substantially as described.

16,252. METHOD AND APPARATUS FOR DISTILLATION OF CARBONACEOUS MATERIAL. ROBERT M. CATLIN, Franklin, N. J., assignor to Catlin Shale Products Company, New York, N. Y., a Corporation of Delaware. Filed July 18, 1925. Serial No. 44,006. Original No. 1,509,667, dated Sept. 23, 1924. Serial No. 492,885, filed Aug. 17, 1921. 9 Claims. (Cl. 202—16.)



1. The process of distilling carbonaceous material containing a volatilizable portion and a combustible solid portion, which comprises feeding such material in a descending column, maintaining a zone of combustion at the lower part of the column by supplying a preformed incombustible mixture of air and incombustible gas to the lower part of said combustion zone, regulating the quantity of said air-gas mixture to maintain a distillation zone above the combustion zone, regulating the proportions of said air-gas mixture to prevent combustion in said distillation zone, leading off the evolved gases and vapors from the column above the distillation zone, separately obtaining, from said evolved gases and vapors, the condensible portions thereof and also a supply of incombustible gas, and using said incombustible gas to form the incombustible air-gas mixture for subsequent distillation of carbonaceous material such as described.

16,253. PENCIL. HOWARD L. FISCHER and FRANK J. KRISTOFEK, St. Paul, Minn., assignors to Brown & Bigelow, St. Paul, Minn., a Corporation of Minnesota. Filed Apr. 12, 1923. Serial No. 631,719. Original No. 1,375,579, dated Apr. 19, 1921, Serial No. 254,522, filed Sept. 7, 1918. 6 Claims. (Cl. 120—19.)

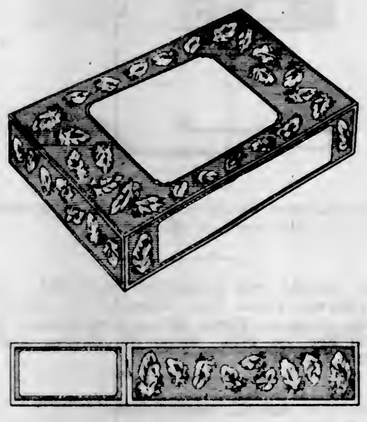


5. A pencil having its body formed of two thin walled metallic telescoping tubular members, a lead-holding means movably connected at its rear end to the inner end of the rear member for holding a marking lead to project through the forward member in writing position, and movable lead-ejecting means carried by said holding means, the walls of the inner and outer members being relatively distorted whereby they are frictionally held under spring tension in adjusted position.

DESIGNS

JANUARY 12, 1926.

69,196. BOX. RAY BECKER, Chicago, Ill., assignor to Chas. Emmerich & Co., Chicago, Ill., a Corporation of Illinois. Filed Nov. 12, 1924. Serial No. 11,860. Term of patent 3½ years.



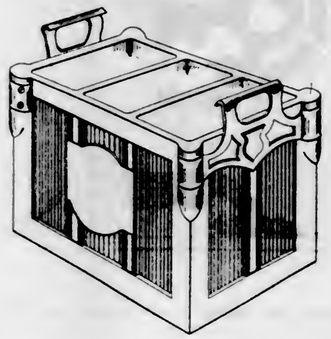
The ornamental design for a box as shown.

69,197. MERCHANDISING WHEEL. FRANK BEIDELSTEIN, Milwaukee, Wis. Filed Mar. 9, 1925. Serial No. 12,646. Term of patent 3½ years.



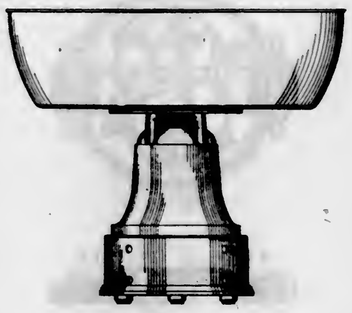
The ornamental design for a merchandising wheel, substantially as shown.

69,198. STORAGE-BATTERY JAR. EDWIN S. BOYER, Plainfield, N. J., assignor to American Hard Rubber Company, Hempstead, N. Y. Filed May 9, 1925. Serial No. 13,387. Term of patent 3½ years.



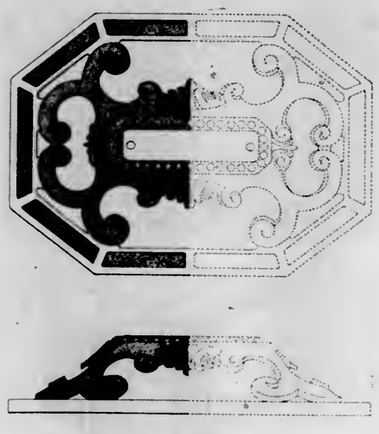
The ornamental design for a storage battery jar, as shown.

69,199. CASING FOR A CANDY MACHINE. GEORGE E. BRENT, Nashville, Tenn. Filed May 29, 1922. Serial No. 2,457. Term of patent 14 years.



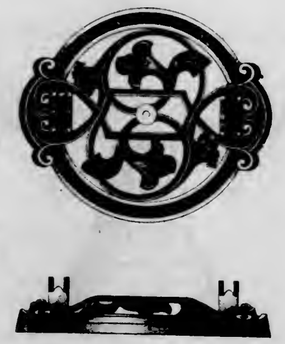
The ornamental design for a casing for a candy machine, substantially as shown.

69,200. BASE FOR A SMOKER'S STAND OR SIMILAR ARTICLE. LESLIE H. BURLIN, Chicago, Ill., assignor to Burlin Co., a Firm composed of Leslie H. Burlin and Walter H. Sedgwick, Chicago, Ill. Filed Oct. 10, 1925. Serial No. 15,092. Term of patent 7 years.



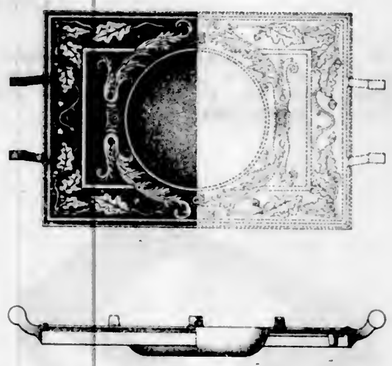
The ornamental design for a base for a smoker's stand or similar article, as shown.

69,201. BASE FOR A SMOKER'S STAND OR SIMILAR ARTICLE. LESLIE H. BURLIN, Chicago, Ill., assignor to Burlin Co., a Firm composed of Leslie H. Burlin and Walter H. Sedgwick, Chicago, Ill. Filed Oct. 10, 1925. Serial No. 15,093. Term of patent 7 years.



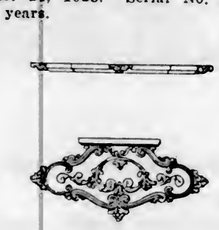
The ornamental design for a base for a smoker's stand or similar article, as shown.

69,202. TRAY TOP FOR A SMOKER'S STAND OR SIMILAR ARTICLE. LESLIE H. BURLIN, Chicago, Ill., assignor to Burlin Co., a Firm composed of Leslie H. Burlin and Walter H. Sedgwick, Chicago, Ill. Filed Oct. 10, 1925. Serial No. 15,094. Term of patent 7 years.



The ornamental design for a tray top for a smoker's stand or similar article, as shown.

69,203. SHELF FOR LIGHTING FIXTURES. FRANK S. CROWELL, Toledo, Ohio, assignor to The Edward N. Riddle Company, Toledo, Ohio, a Corporation of Ohio. Filed Apr. 14, 1925. Serial No. 13,124. Term of patent 7 years.



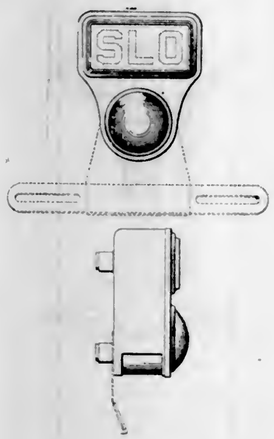
The ornamental design for a shelf for lighting fixtures, as shown.

69,204. SHELF FOR LIGHTING FIXTURES. FRANK S. CROWELL, Toledo, Ohio, assignor to The Edward N. Riddle Company, Toledo, Ohio, a Corporation of Ohio. Filed Apr. 14, 1925. Serial No. 13,126. Term of patent 7 years.



The ornamental design for a shelf for lighting fixtures, as shown.

69,205. COMBINATION SIGNAL AND TAIL LAMP. FRED A. CULVER, Worcester, Mass., assignor to Culver Stearns Manufacturing Company, Worcester, Mass., a Corporation of Massachusetts. Filed Jan. 13, 1923. Serial No. 4,878. Term of patent 7 years.



The ornamental design for a combination signal and tail lamp, as shown.

69,206. SPINDLE FOR LAMPS. JOSEPH DI SILVESTRO, Philadelphia, Pa., assignor to American Wood Turning Co., Philadelphia, Pa., a Firm composed of Charles Ozlek, Herman Ozlek, and Moses I. Ozlek. Filed Oct. 23, 1925. Serial No. 15,235. Term of patent 7 years.



The ornamental design for a spindle for lamps as shown.

69,207. SPINDLE FOR LAMPS. JOSEPH DI SILVESTRO, Philadelphia, Pa., assignor to American Wood Turning Co., Philadelphia, Pa., a Firm composed of Charles Ozlek, Herman Ozlek, and Moses I. Ozlek. Filed Oct. 23, 1925. Serial No. 15,236. Term of patent 7 years.



The ornamental design for a spindle for lamps as shown.

69,208. SPINDLE FOR LAMPS. JOSEPH DI SILVESTRO, Philadelphia, Pa., assignor to American Wood Turning Co., Philadelphia, Pa., a Firm composed of Charles Ozlek, Herman Ozlek, and Moses I. Ozlek. Filed Oct. 30, 1925. Serial No. 15,305. Term of patent 7 years.



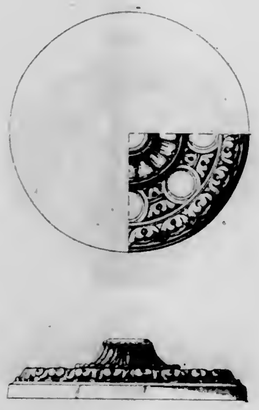
The ornamental design for a spindle for lamps as shown.

69,209. LAMP BASE. JOSEPH DI SILVESTRO, Philadelphia, Pa., assignor to American Wood Turning Co., Philadelphia, Pa., a Firm composed of Charles, Herman, and Moses I. Ozlek. Filed Oct. 30, 1925. Serial No. 15,306. Term of patent 7 years.



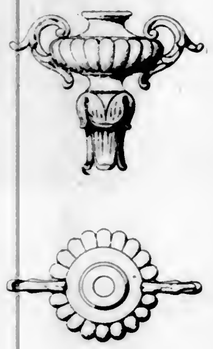
The ornamental design for a lamp base as shown.

69,210. LAMP BASE. JOSEPH DI SILVESTRO, Philadelphia, Pa., assignor to American Wood Turning Co., Philadelphia, Pa., a Firm composed of Charles Ozlek, Herman Ozlek, and Moses I. Ozlek. Filed Nov. 6, 1925. Serial No. 15,371. Term of patent 7 years.



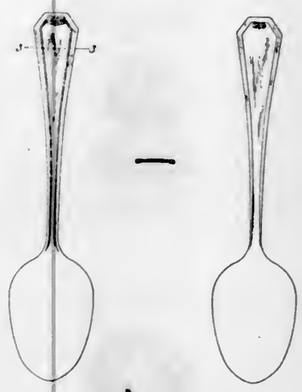
The ornamental design for a lamp base as shown.

69,211. SPINDLE FOR LAMPS. JOSEPH DI SILVESTRO, Philadelphia, Pa., assignor to American Wood Turning Co., Philadelphia, Pa., a Firm composed of Charles Ozlek, Herman Ozlek, and Moses I. Ozlek. Filed Nov. 6, 1925. Serial No. 15,372. Term of patent 7 years.



The ornamental design for a spindle for lamps as shown.

69,212. SPOON OR SIMILAR ARTICLE. HENRY F. GOETZ, Waterbury, Conn., assignor to The Chase Companies Inc., Waterbury, Conn., a Corporation. Filed Apr. 13, 1925. Serial No. 13,104. Term of patent 14 years.



The ornamental design for a spoon or similar article as shown.

69,213. BOTTLE. JOHN G. GOMILA, New Orleans, La., assignor to World Bottling Co., Ltd., New Orleans, La. Filed Nov. 14, 1925. Serial No. 15,421. Term of patent 14 years.



The ornamental design for a bottle as shown.

69,214. PLATE OR SIMILAR ARTICLE. ERNEST GOODWIN, East Liverpool, Ohio, assignor to The Edwin M. Knowles China Co., East Liverpool, Ohio, a Corporation of West Virginia. Filed Aug. 3, 1925. Serial No. 14,305. Term of patent 7 years.

The ornamental design for a plate or similar article, as shown.

69,215. PICKLE JAR. VICTOR ERNEST GUILHEM, Bordeaux, France. Filed July 21, 1924. Serial No. 10,210. Term of patent 14 years.



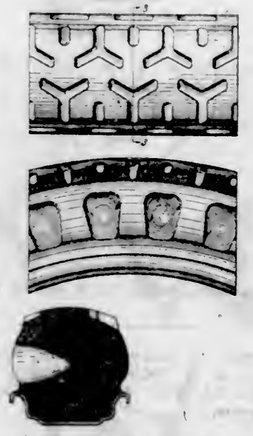
The ornamental design for a pickle jar, as shown.

69,216. PICKLE JAR. VICTOR ERNEST GUILHEM, Bordeaux, France. Filed July 21, 1924. Serial No. 10,211. Term of patent 14 years.



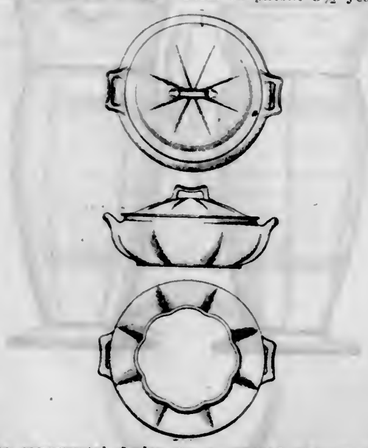
The ornamental design for a pickle jar, as shown.

69,217. RESILIENT TIRE. ALBERT HARGRAVES, Akron, Ohio, assignor to The Firestone Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 1, 1924. Serial No. 11,261. Term of patent 14 years.



The ornamental design for a resilient tire, as shown.

69,218. COVERED DISH OR SIMILAR ARTICLE. GEORGE HAVILAND, Limoges, France. Filed Jan. 30, 1922. Serial No. 443. Term of patent 3½ years.



The ornamental design for a covered dish or similar article, as shown.

69,219. CUP OR SIMILAR ARTICLE. GEORGE HAVILAND, Limoges, France. Filed Jan. 30, 1922. Serial No. 445. Term of patent 3½ years.



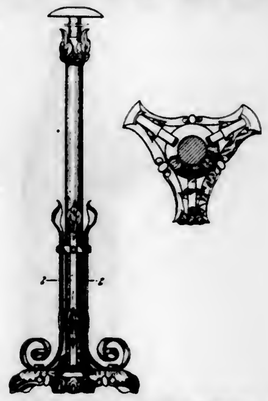
The ornamental design for a cup or similar article, as shown.

69,220. JUG. T. CLARENCE HEISEY, Newark, Ohio, assignor to A. H. Heisey & Company, Newark, Ohio. Filed Mar. 24, 1923. Serial No. 5,583. Term of patent 14 years.



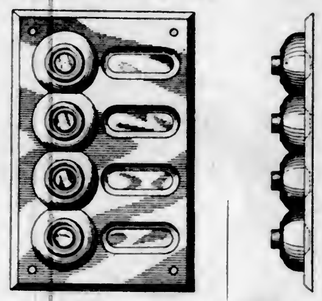
The ornamental design for a jug, as shown.

69,221. BASE FOR DISPLAY STAND. SAMUEL A. KIMMELSTIEL, New York, N. Y. Filed Aug. 13, 1925. Serial No. 14,418. Term of patent 3½ years.



The ornamental design for a base for display stand, as shown.

69,222. MULTIPLE PUSH BUTTON. KNUD KNUDSEN, Danbury, Conn. Filed Aug. 8, 1923. Serial No. 6,987. Term of patent 14 years.



The ornamental design for a multiple push button substantially as shown.

69,223. BRACKET ELEMENT FOR AN ELECTRIC-LIGHTING FIXTURE. ISIDORE KRANZ, New York, N. Y. Filed Oct. 7, 1925. Serial No. 15,038. Term of patent 3½ years.



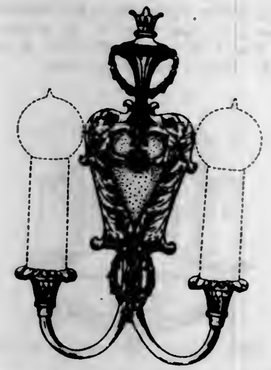
The ornamental design for a bracket element for an electric lighting fixture, as shown.

69,224. LIGHTING FIXTURE. ISIDORE KRANZ, New York, N. Y. Filed Oct. 7, 1925. Serial No. 15,039. Term of patent 3½ years.



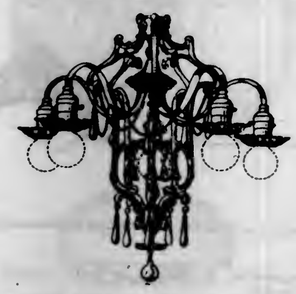
The ornamental design for a lighting fixture as shown.

69,225. ELECTRIC-LIGHTING FIXTURE. ISIDORE KRANZ, New York, N. Y. Filed Oct. 7, 1925. Serial No. 15,040. Term of patent 3½ years.



The ornamental design for an electric lighting fixture as shown.

69,226. LIGHTING FIXTURE. ISIDORE KRANZ, New York, N. Y. Filed Oct. 7, 1925. Serial No. 15,041. Term of patent 3½ years.



The ornamental design for a lighting fixture as shown.

69,227. HOT-WATER BOTTLE. OBA KRICHBAUM, Delaware, Ohio. Filed Oct. 14, 1925. Serial No. 15,112. Term of patent 14 years.



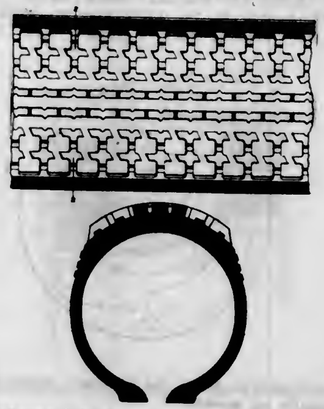
The ornamental design for a hot water bottle as shown.

69,228. LAMP SHADE. MARTHA N. LEONARD, Washington, D. C. Filed Sept. 18, 1925. Serial No. 14,808. Term of patent 3½ years.



The ornamental design for a lamp shade, as shown.

69,229. TREAD FOR TIRES. HARRY S. MOORADIAN, Dayton, Ohio, assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio, a Corporation of Ohio. Filed Oct. 26, 1925. Serial No. 15,252. Term of patent 14 years.



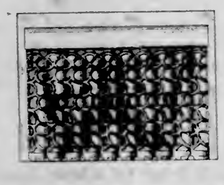
The ornamental design for a tread for tires, as shown.

69,230. COFFEEPOT OR ANALOGOUS ARTICLE. HAROLD E. NOCK, Newburyport, Mass., assignor to Towle Manufacturing Company, Newburyport, Mass., a Corporation of Massachusetts. Filed Oct. 7, 1925. Serial No. 15,054. Term of patent 7 years.



The ornamental design for a coffeepot or analogous article, substantially as shown and described.

69,231. FIREBACK OR SIMILAR ARTICLE. GEORGE E. PICKUP, Newark, Ohio, assignor to The Wehrle Company, Newark, Ohio, a Corporation of Ohio. Filed July 27, 1923. Serial No. 6,876. Term of patent 7 years.



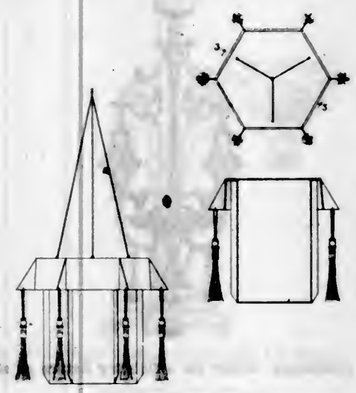
The ornamental design for a fireback or similar article, substantially as shown.

69,232. VEHICLE SIGNAL FACEPLATE. LEE D. PIERCE, Fulton, N. Y. Filed Apr. 21, 1922. Serial No. 1,905. Term of patent 7 years.



The ornamental design for a vehicle signal faceplate, substantially as shown.

69,233. CONTAINER FOR TEA. LOUIS L. RAYNOR, New York, N. Y., assignor to The Pagoda Tea Company, Inc., a Corporation of New York. Filed Oct. 20, 1925. Serial No. 15,201. Term of patent 14 years.



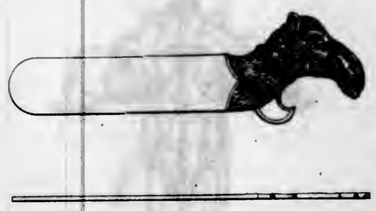
The ornamental design for a container for tea, as shown.

69,234. LIGHTING FIXTURE OR THE LIKE. FREDERICK ROETTGES, New York, N. Y., assignor to Harry Hilfman, New York, N. Y. Filed Oct. 8, 1925. Serial No. 14,998. Term of patent 3½ years.



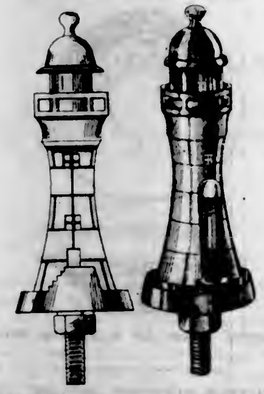
The ornamental design for a lighting fixture or the like as shown.

69,235. BOTTLE OPENER. EVERETT IRVING ROGERS, Jr., Providence, R. I. Filed Sept. 19, 1925. Serial No. 14,835. Term of patent 7 years.



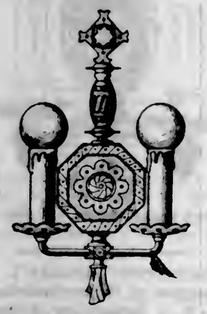
The ornamental design for a bottle opener, substantially as shown.

69,236. COMBINED ORNAMENT AND TEMPERATURE INDICATOR FOR RADIATOR CAPS. PIETRO ROSSI, Eastbourne, England. Filed June 30, 1925. Serial No. 13,957. Term of patent 3½ years.



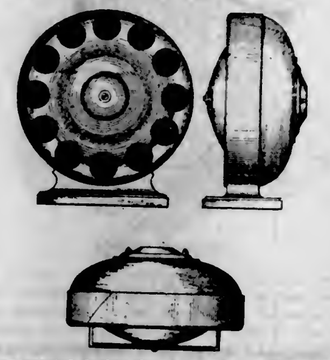
The ornamental design for a combined ornament and temperature indicator for radiator caps as shown.

69,237. WALL BRACKET. WILMER STANLEY SNOW, Oak Park, Ill., assignor to Crown Electrical Manufacturing Company, St. Charles, Ill., a Corporation of Illinois. Filed Nov. 28, 1925. Serial No. 15,567. Term of patent 3½ years.



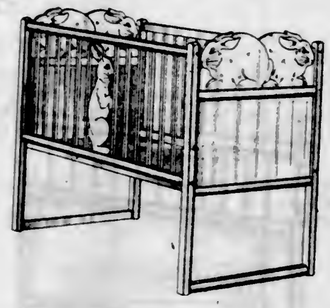
The ornamental design for a wall bracket, as shown.

69,238. SOUND AMPLIFIER. LESLIE STEVENS, Glen Ridge, N. J. Filed Aug. 23, 1924. Serial No. 10,538. Term of patent 7 years.



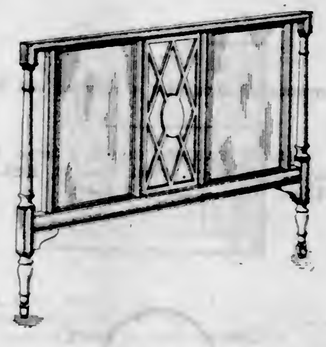
The ornamental design for a sound amplifier as shown.

69,239. CHILD'S CRIB. CHARLES A. STUART, Kenosha, Wis., assignor to Simmons Company, Kenosha, Wis., a Corporation of Delaware. Filed Nov. 9, 1925. Serial No. 15,387. Term of patent 14 years.



The ornamental design for a child's crib as shown.

69,240. BEDSTEAD END FRAME. CHARLES A. STUART, Kenosha, Wis., assignor to Simmons Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 9, 1925. Serial No. 15,388. Term of patent 14 years.



The ornamental design for a bedstead end frame as shown.

69,241. BEDSTEAD END FRAME. CHARLES A. STUART, Kenosha, Wis., assignor to Simmons Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 9, 1925. Serial No. 15,389. Term of patent 14 years.



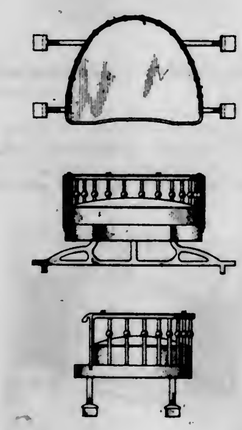
The ornamental design for a bedstead end frame as shown.

69,242. BEDSTEAD END FRAME. CHARLES A. STUART, Kenosha, Wis., assignor to Simmons Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 9, 1925. Serial No. 15,390. Term of patent 14 years.



The ornamental design for a bedstead end frame as shown.

69,243. CHILD'S BARBER CHAIR. PETRO TRARARA, Benton Harbor, Mich. Filed June 25, 1925. Serial No. 13,890. Term of patent 7 years.



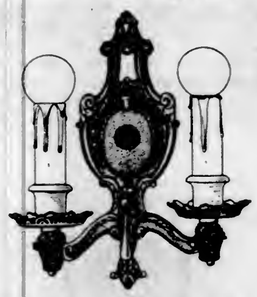
The ornamental design for a child's barber chair, as shown.

69,244. LIGHTING FIXTURE OR THE LIKE. GUSTAVE E. VILLARET, Leonia, N. J., assignor to Harry Hilfman, New York, N. Y. Filed Oct. 3, 1925. Serial No. 15,001. Term of patent 3½ years.



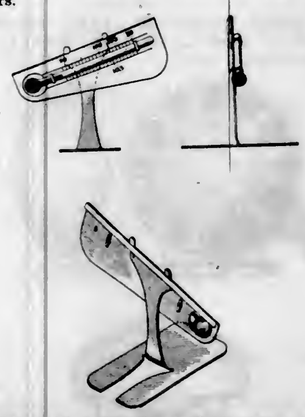
The ornamental design for a lighting fixture or the like as shown.

69,245. LIGHTING FIXTURE OR THE LIKE. GUSTAVE E. VILLARET, Leonia, N. J., assignor to Harry Hilfman, New York, N. Y. Filed Oct. 3, 1925. Serial No. 15,002. Term of patent 3½ years.



The ornamental design for a lighting fixture or the like as shown.

69,246. THERMOMETER. HERBERT J. WINN, Rochester, N. Y., assignor to Taylor Instrument Companies, Rochester, N. Y., a Corporation of New York. Filed Nov. 20, 1925. Serial No. 15,477. Term of patent 14 years.

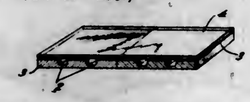


The ornamental design for a thermometer, as shown.

PATENTS

GRANTED JANUARY 12, 1926.

1,568,954. ILLUMINATED DIRECTIONAL SIGNAL FOR ELEVATORS. FRANZ A. BOEDTCHER, Bergenfield, N. J. Filed Feb. 20, 1922. Serial No. 537,740. 1 Claim. (Cl. 40—135.)



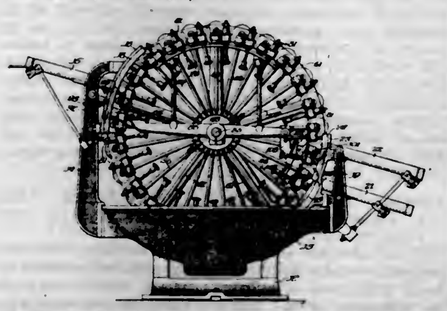
An illuminated signal for elevators embodying a plate of glass one face of which is provided with a depression in the form of a character or symbol, the undepressed portion of said face being opaque, a source of light positioned adjacent the opaque face of the plate and adapted to illuminate the depression in said face so that said depression will appear from the opposite face of the plate as illuminated, and a color screen positioned between the base of the depression and the source of light.

1,568,955. MOLDING MATERIAL. HERMANN BUCHHOLZ, Berlin, Germany. Filed Nov. 14, 1923. Serial No. 674,631. 5 Claims. (Cl. 106—12.)



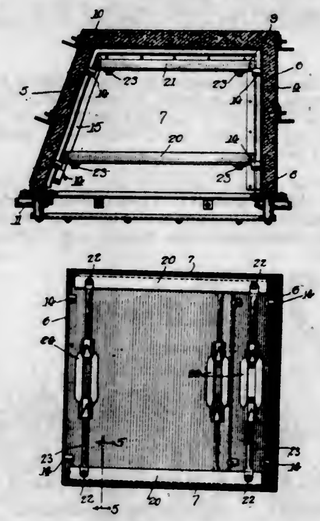
3. Material suitable for the formation of molded articles comprising in combination a major percentage of acetyl cellulose and a minor percentage of glass dust, said composition being in the form of a fine impalpable powder.

1,568,956. CAN-TESTING MACHINE. WILLIAM CAMERON, Chicago, Ill., assignor to Cameron Can Machinery Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 4, 1922. Serial No. 604,691. 10 Claims. (Cl. 73—51.)



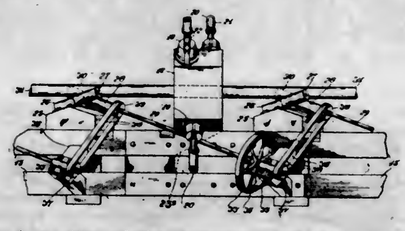
1. In a can testing machine the combination of a rotatable carrier, a plurality of can holders mounted thereon, separating blocks interposed between successive holders, a guard plate at one side of the carrier disposed inside the path of travel and in proximity to the can holders, a can delivery chute opposed to said guard plate, and a spring pressed arm beneath said chute for positioning the cans in said holders.

1,568,957. MOLDING FORM FOR CONCRETE VESSELS. ERVIN MOTT CAMP, Chicago, Ill. Filed Mar. 15, 1924. Serial No. 699,439. 6 Claims. (Cl. 25—130.)



1. In a mold form, a core member comprising a side wall member bound on the edges with an undercut reentrant binding piece, in combination with end members having reciprocal undercut reentrant binding members adapted to engage the aforementioned binding members and screw threaded rods connected across from end member to end member and adapted to hold and move the end members into engagement or disengagement with the wall member.

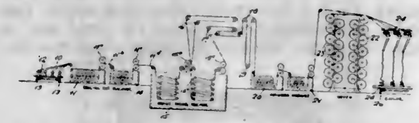
1,568,958. STEEL-CLEANING MACHINE. ALBERT CARTER, Chicago, Ill., assignor of one-half to James B. Blackman, Harrisburg, Ill. Filed Feb. 11, 1924. Serial No. 691,945. 6 Claims. (Cl. 51—14.)



1. A machine of the character described, comprising a housing, jet action producing means secured in the walls of the housing so as to direct jets of an abrasive

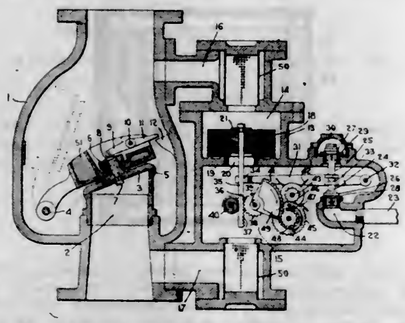
medium in criss-cross manner toward a common axis, a plurality of oppositely inclined rollers adapted to carry a tube in alignment with said axis, and means whereby the rollers are rotated and the tube given rotative and longitudinal movement along said axis through the housing.

1,568,959. PROCESS OF TREATING WARP IN LONG CHAIN OR ROPE FORM. HAROLD MASON CHASE and GEORGE WILMOT ROBERTSON, Danville, Va., assignors to Riverside and Dan River Cotton Mills, Danville, Va., a Corporation of Virginia. Filed Nov. 20, 1924. Serial No. 751,054. 15 Claims. (Cl. 8—5.)



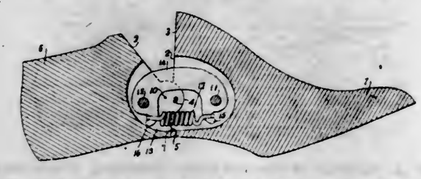
6. The continuous process of treating warp in rope or chain form which consists in boiling out the warp, dipping the warp in a vat dye, oxidizing it, re-dipping it in the same dye, again oxidizing it, washing it and drying it.

1,568,960. RETARDING DEVICE FOR ALARM CHECK VALVES. EZRA E. CLARK, Newtonville, Mass. Filed Sept. 24, 1923. Serial No. 664,412. 8 Claims. (Cl. 169—23.)



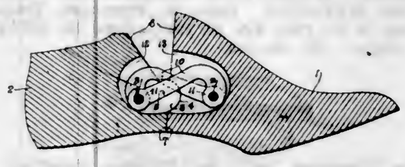
1. In an alarm valve mechanism, the combination with a water-way having a check valve therein, of a bellows-like device which is at all times subjected on its exterior to the pressure on the delivery side of the check valve and on its interior to the pressure on the inlet side of the check valve, whereby said bellows will be extended when a reduction of pressure occurs on the delivery side, means to retard the expanding movement of the bellows, and an alarm valve operated by the expanding movement of said bellows.

1,568,961. LAST. GEORGE CLAUSING, Portsmouth, Ohio, assignor to The Vulcan Last Company, Portsmouth, Ohio, a Corporation of Ohio. Filed Apr. 28, 1924. Serial No. 709,476. 10 Claims. (Cl. 12—136.)



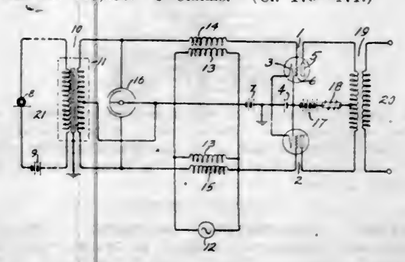
1. In a last, a toe part and a heel part adapted to rock about a common center, an extensible link joining said last parts and a yielding means connected to the ends of said link for resisting the movements of its ends and the movement of the last parts.

1,568,962. LAST. GEORGE CLAUSING, Portsmouth, Ohio, assignor to The Vulcan Last Company, Portsmouth, Ohio, a Corporation of Ohio. Original application filed Mar. 26, 1924, Serial No. 701,986. Divided and this application filed Sept. 29, 1924. Serial No. 740,536. 3 Claims. (Cl. 12—136.)



1. In a last, a toe part and a heel part pivoted on one another about a given center forming a joint therebetween so that the parts can rock on one another about said common center, a link connecting said parts mounted on pins in said parts so arranged that it has no lateral movement on the pins and so formed that it proceeds from one pin upwardly to a point above the other pin and then downwardly to form an angular spring-like hook which is adapted to flex when the last parts pass over the common center of movement and to hold the parts in their expanded or collapsed position when they are so moved.

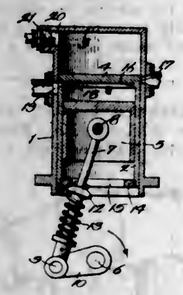
1,568,963. TRANSLATING APPARATUS. ROY E. CORAM, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 17, 1923. Serial No. 639,680. 5 Claims. (Cl. 179—171.)



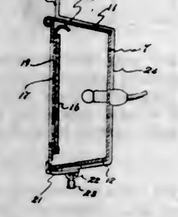
1. The combination of an electronic valve modulator having a grounded heated cathode, an anode and a control electrode, an input circuit connected to the cathode and control electrode, means to couple the source of low frequency modulating currents to the input circuit, said coupling means having a capacity to ground in parallel with the path between the control electrode and cathode, a source of high frequency oscillations coupled to the input circuit, said last mentioned coupling means being located between the control electrode and the first mentioned coupling means.

1,568,964. INTERNAL-COMBUSTION ENGINE. HARRY A. DOUGLAS, Bronson, Mich. Filed July 23, 1924. Serial No. 727,727. 10 Claims. (Cl. 123—78.)

7. An internal combustion engine including two telescopically related cylinders having adjacent portions defining a chamber of variable capacity, there being ports for admission of fuel and the exhaustion thereof when spent and for admitting fuel from the chamber of variable capacity into the inner cylinder, and valving means governed by the engine and governing said ports; a piston in the inner cylinder; motion transmitting mechanism interposed between the engine crank and the inner cylinder to move this cylinder in a fuel compressing direction, the piston having lost motion engagement with the inner cylinder to move it in a direction to enlarge said chamber and open the intake port; and ignition means in position to ignite the fuel passed into the inner cylinder from the chamber of variable capacity.



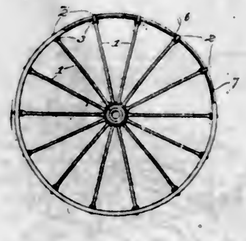
1,568,965. LICENSE-PLATE HOUSING. JOHN D. DOUGLAS, Detroit, Mich. Filed June 15, 1925. Serial No. 37,140. 2 Claims. (Cl. 40—132.)



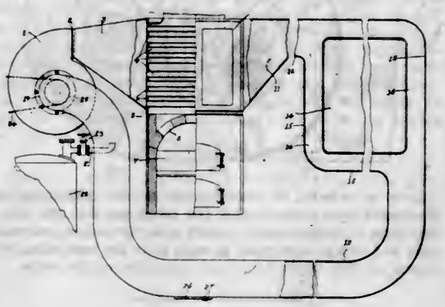
1. A device of the class described, comprising a housing; illuminating means mounted in said housing; a door frame swingably mounted on said housing; guide members mounted on the inner surface of said door frame, adjacent the lower and side edges thereof; a transparent plate mounted in said guide members removably; a metallic plate slidably mounted in said guide members intermediate said frame and said transparent member, said metallic plate having indicating media perforated therein, the upper edge of said metallic plate being angularly turned, to provide a gripping portion for facilitating the removal of said metallic plate from said guide members upon the swinging of said door frame to an open position beyond a predetermined degree; and supporting means embracing said housing on three sides, and adapted for serving as an abutment for preventing the swinging of said door frame open beyond a predetermined degree.

1,568,966. METHOD OF MAKING METAL WHEELS. ERNEST EVERETT EINFELDT, Davenport, Iowa, assignor to G. Watson French, Joseph L. Hecht, and W. H. Stackhouse, all of Davenport, Iowa, composing the Firm of French & Hecht, Davenport, Iowa. Filed June 10, 1924. Serial No. 719,058. 8 Claims. (Cl. 29—174.)

1. The method of making metal wheels, which consists in assembling an open wheel member on spokes and providing for circumferential play of the assembled wheel member relative to the spokes, connecting the ends of the wheel member together whereby the circumferential play of the wheel member will prevent lateral stresses on the spokes, and finally fastening the spokes rigidly to said wheel member.



1,568,967. HEATING SYSTEM. LEWIS M. ELLIS, Connersville, Ind., assignor to Winslow Safety High Pressure Boiler Company, Chicago, Ill., a Corporation of Illinois. Filed July 8, 1922. Serial No. 573,603. 7 Claims. (Cl. 237—1.)

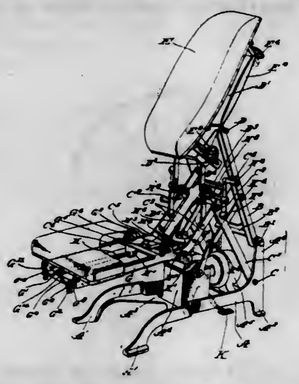


7. In a steam heating system, means for circulating a volume of air through the system, means for heating the air for preheating the system and for causing the air to absorb moisture therein, means for circulating a volume of steam through the system after it has been preheated by the air, said volume of steam displacing the volume of air therein, and means for allowing the air displaced to escape from the system.

1,568,968. POSTURE-ADJUSTING TABLE. DOSSA DIXON EVINS, Davenport, Iowa, assignor of one-half to Frank W. Elliott, Davenport, Iowa. Filed Nov. 28, 1924. Serial No. 752,509. 21 Claims. (Cl. 128—73.)

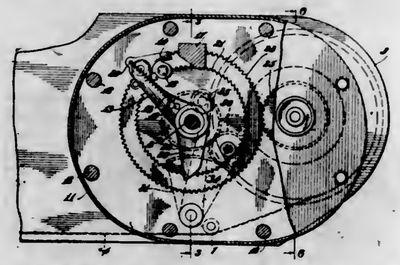
1. In an adjusting table, a base, a main supporting member pivoted thereto, a body supporting element pivoted at one point on said main supporting member, a second body supporting element pivoted at another point upon said main supporting member and means for tilting and depressing said first mentioned body supporting

element in response to rotation of said main supporting member, and means for maintaining said second



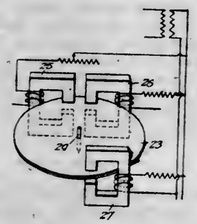
body supporting elements in substantially horizontal position during the rotation of said main supporting member.

1,568,969. CAMERA. SHERMAN M. FAIRCHILD, Oneonta, N. Y. Filed Oct. 11, 1919. Serial No. 330,066. 17 Claims. (Cl. 242—71.)



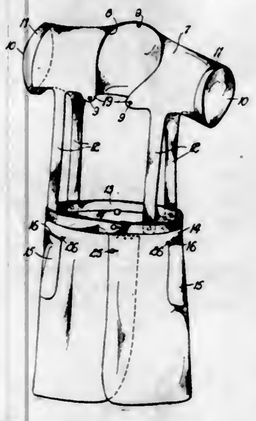
1. In a camera, in combination, a reel containing an unexposed film strip, a reel for receiving the film after exposure, a continuously operating motive device for said reels and means controlled by said reels for regulating the length of film exposed in each operation of the reels.

1,568,970. INTEGRATING METER. ERNEST H. FREEMAN, Wilmette, Ill. Filed Apr. 15, 1920. Serial No. 374,076. 3 Claims. (Cl. 171—264.)



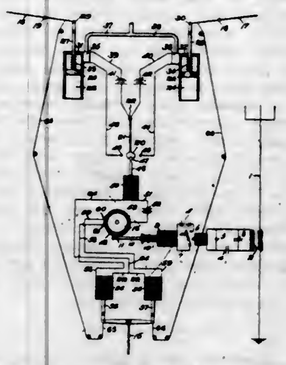
2. A meter of the induction motor type having a conductor disc rotor, a plurality of magnets having their poles disposed on opposite sides of said disc at different positions thereon all of said magnets having cores of sufficient cross-sectional area throughout their length to permit operation thereof at less than magnetic saturation during normal fluctuations of the current in the respective coils, one of said magnets being constructed and wound to produce a relatively strong magnetic field so as to exert a predominating retarding torque on said disc, the winding circuits of said magnets being connected in multiple to a common source of electromotive force, and means for varying the admittance of the circuit of one of said magnets to vary the speed of said meter so that said meter integrates a function of said circuit.

1,568,971. COMBINATION COAT AND OVERCOAT. MAX GALDHAED, St. Louis, Mo. Filed May 26, 1924. Serial No. 715,872. 2 Claims. (Cl. 2—85.)



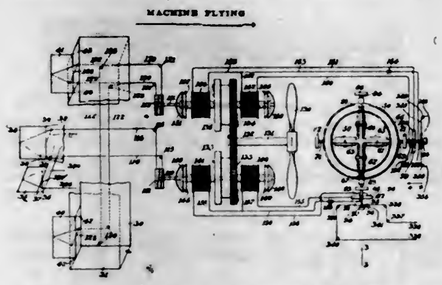
1. A combination coat and overcoat comprising a coat, a yoke removably attached over the outside of said coat, straps depending from said yoke, a belt removably attached to said straps at their lower ends, and a skirt removably carried by said straps and belt.

1,568,972. SYSTEM OF AEROPLANE CONTROL. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed Mar. 7, 1914, Serial No. 823,218. Renewed Apr. 3, 1916. Serial No. 88,723. 33 Claims. (Cl. 244—29.)



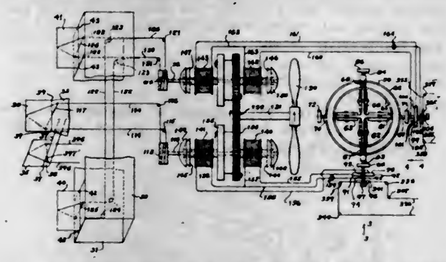
1. A system for controlling an aeroplane or air craft at a distance by radiant energy including in combination, an aeroplane or air craft body having balancing or stabilizing means, a controller cooperating with said means and determining the position thereof, and means responsive to radiant energy from a distance to interrupt the action of said controller upon said balancing or stabilizing means.

1,568,973. DIRIGIBLE DEVICE. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed June 11, 1915. Serial No. 33,450. 10 Claims. (Cl. 244—29.)



1. The combination with a dirigible body of steering means carried thereby for steering said body laterally in either direction, stabilizing means cooperating with said steering means and automatically operative to maintain said body upon a given course, means for tilting said body in either direction upon an axis extending longitudinally of said body, stabilizing means cooperating with said tilting means and automatically operative independently of said first mentioned stabilizing means to stabilize said body with respect to said axis, and means including a fluid distributing valve which is operative to modify the action of said first mentioned stabilizing means and the action of said second mentioned stabilizing means and steer said body laterally in either direction and through any desired angle and to simultaneously tilt said body either in one direction or in an opposite direction about said axis depending upon the lateral movement of said body.

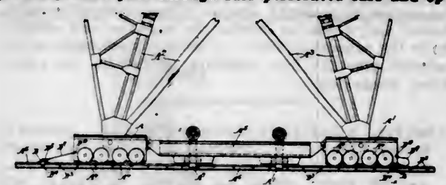
1,568,974. DIRIGIBLE DEVICE. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Original application filed June 11, 1915, Serial No. 33,450. Divided and this application filed Nov. 28, 1923. Serial No. 677,450. 32 Claims. (Cl. 244—29.)



1. The combination with a dirigible body of means carried thereby and movable with respect thereto for rotating said body about an axis extending longitudinally thereof, means cooperating with said first mentioned means for automatically stabilizing said body with respect to said axis, and means responsive to radiant energy and acting through said stabilizing means for rotating said body selectively about said axis through the action of said first mentioned means.

1,568,975. STOP FOR BRIDGE TOWERS. FRED G. HARTWELL, Chicago, Ill., assignor to Arthur C. Johnston, Chicago, Ill. Filed Apr. 10, 1924. Serial No. 705,710. 3 Claims. (Cl. 104—249.)

1. A removable anchor block adapted to engage a rail, for travelling members, comprising a body and wheels adapted to rest upon a track, said block having perforated ears depending downwardly from the sides of said block in line with perforations in the track, a removable lock pin adapted to pass through said perforated ears and opposed perforations in the track to hold the block in place, and a flexible member attached to the block at one end and a travelling member at the other.

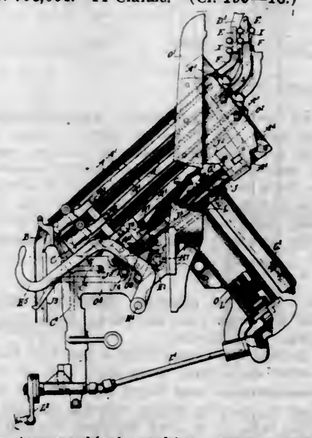


1,568,976. REGULATING VALVE. EVAN JONES, Pittsburgh, and WILLIAM R. MCKELL, Avalon, Pa. Filed Oct. 22, 1925. Serial No. 64,107. 2 Claims. (Cl. 251—73.)



2. The combination with an internal combustion engine having an intake manifold of circular cross section and carbureter, of a thin relatively flat valve body mounted between and having a circular port connecting said manifold and carbureter, and a thin relatively flat valve plate mounted in a suitable guide opening in said body for a transverse sliding movement, said valve plate being provided with an opening adapted to permit unobstructed passage of the explosive mixture from said carbureter through said manifold, and a cut-off portion adapted to be moved across said valve port to regulate and entirely cut-off the flow of explosive mixture from carbureter to said manifold, said cut-off portion of said valve plate being provided with a depression having a rounded inner end and open outer end, said depression having a continually increasing cross section from said rounded inner end to its open outer end so as to provide an increasing supply of air to said manifold as said cut-off portion of said valve plate is moved across said valve port.

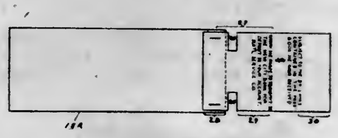
1,568,977. TYPOGRAPHICAL COMPOSING AND DISTRIBUTING MACHINE. DAVID S. KENNEDY, Brooklyn, N. Y., assignor to Mergenthaler Linotype Company, a Corporation of New York. Filed Apr. 12, 1924. Serial No. 706,004. 14 Claims. (Cl. 199—16.)



1. In a typographical machine equipped with assembling and distributing mechanisms, the combination of a magazine unit comprising a series of magazines, a sup-

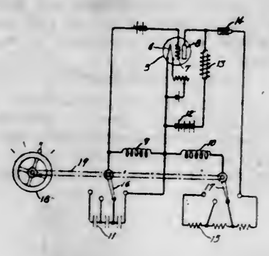
porting frame for said magazine unit, means for shifting the supporting frame to locate a selected plurality of magazines in operative relative to the distributing mechanism, and means for moving the magazine unit relatively to the supporting frame to bring any magazine of the selected plurality into operative relation to the assembling mechanism.

1,568,978. AUXILIARY BANKING MEANS. HAROLD B. KLINE, Utica, N. Y., assignor to National Automatic Teller Corporation, Utica, N. Y., a Corporation. Filed Apr. 22, 1922. Serial No. 555,991. 4 Claims. (Cl. 229—68.)



1. For use with a deposit-receiving machine an envelope to receive the money, said envelope having sufficient of the pocket portion thereof transparent to reveal the denomination of the money and having a long tab projecting from one end, the intermediate part of which is adapted to have impressed thereon a receipt and the outer end of which forms the handle for placing the envelope into the machine and for withdrawing the receipted part after it is severed by the machine from the envelope.

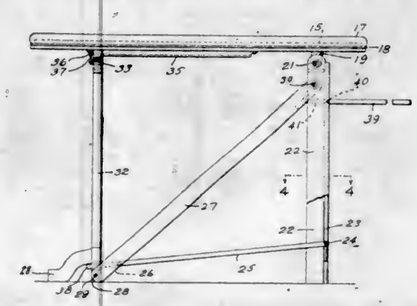
1,568,979. OSCILLATION GENERATOR. VERN O. KNUDSEN, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 3, 1921. Serial No. 498,258. 12 Claims. (Cl. 250—36.)



1. In an oscillation generator, an amplifying device having an input and an output circuit, means to couple said input and output circuits to produce oscillations, means to determine the frequency of the generated oscillations, a variable resistance connected in series in said circuit to determine the amplitude of the generated oscillations, and a single means to vary both the frequency determining means and said variable resistance.

1,568,980. IRONING BOARD. SIGMUND F. KOHN, New York, N. Y. Filed June 20, 1924. Serial No. 721,156. 7 Claims. (Cl. 68—10.)

1. An ironing table comprising a board, a folding support therefor embodying three legs, two of which are pivotally mounted on said board adjacent one end thereof, and one leg having sliding relation to said board to support the same at a pont adjacent the other end of said board, said first mentioned legs and second mentioned leg being connected by struts pivotally attached to said first mentioned and second mentioned legs adjacent the upper ends and lower end thereof, respectively; and means for maintaining said first mentioned and second mentioned legs in operative position, said means em-



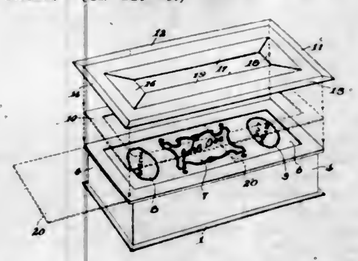
bodying a brace rod slidably connected with the first mentioned legs and pivoted to said struts adjacent the second mentioned leg.

1,568,981. STAY BOLT FOR BOILERS. FREDERICK K. LANDGRAF, Pittsburgh, Pa., assignor to Flannery Bolt Company, Pittsburgh, Pa. Filed Sept. 14, 1921. Serial No. 500,644. 1 Claim. (Cl. 85—1.5.)



A flexible staybolt having a rounded head at one end and having its other end portion threaded, said bolt having a contracted cylindrical intermediate portion and a tapering neck portion between one end of said contracted cylindrical intermediate portion and the bolt head, the threaded portion having greater diameter than the intermediate portion, and said bolt also having a tapering portion between said contracted cylindrical portion and the threaded portion of the bolt.

1,568,982. CANDY BOX. BYRON H. LENGSFIELD, New Orleans, La. Filed June 25, 1925. Serial No. 39,567. 4 Claims. (Cl. 229—8.)



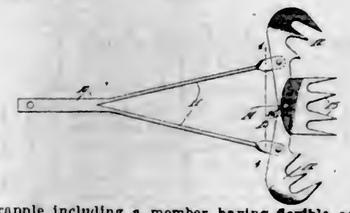
1. A box cover having side walls, end walls and a top, an open faced frame adapted to receive a card superimposed on the top, means for fastening the frame to the top along two side edges and one end thereby forming a pocket having an entrance at the open, end, the means consisting of suitable covering material for the frame, cut to allow for overlap along the outside and inside edges of the frame, the outside overlaps being adapted for securely fastening three outside edges of the frame to the corresponding edges of the box cover.

1,568,983. GASSING HOOD. GASTON J. LIPSCOMB, New York, N. Y. Filed May 18, 1923. Serial No. 639,831. 9 Claims. (Cl. 43—125.)



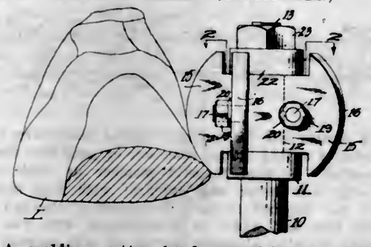
9. A plant treating machine comprising a mobile hood having an inlet adjacent its front end, means for forcing gas through said inlet into intimate contact with vegetation beneath the hood, an outlet adjacent the rear end of said hood and means for positively withdrawing through said outlet to be used over again.

1,568,984. GRAPPLE. ALBERT MCCOLLUM, Atkins, Ark. Filed July 11, 1925. Serial No. 42,958. 1 Claim. (Cl. 294—99.)



A grapple including a member having flexible arms, a jaw member intermediately pivoted on one end of each arm, and extending transversely thereof, the inner ends of the arms being pivotally connected, the inner end of one arm being formed with a notch, the corresponding end of the other arm being formed with a lateral projection for engagement in said notch whereby to permit pivotal movement of the inner ends of the arms outwardly beyond the ends of the flexible arms and thereby maintain the jaw members in open position, and a member mounted on the pivot of the inner ends of the jaw members and arranged to be moved by contact with an object whereby to move the pivotal connection of the jaws inwardly of the ends of the flexible arms and thereby permit said arms to close the jaws on the object.

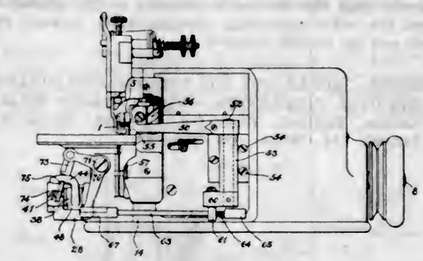
1,568,985. CUTTER HEAD FOR MOLDING MACHINES. GEORGE B. MAGOON, Worcester, Mass. Original application filed June 27, 1922, Serial No. 571,161. Divided and this application filed Mar. 28, 1925. Serial No. 19,136. 7 Claims. (Cl. 144—224.)



1. A molding cutter head comprising a supporting member having a plurality of flat faces, and a plurality of cutting blades secured in assembled relation about said member, each blade being firmly and separately secured to each of its two adjacent cutting blades.

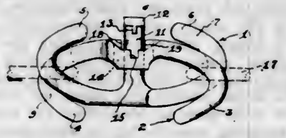
1,568,986. SEWING MACHINE. JOSEPH M. MERROW, Hartford, Conn., assignor to The Merrow Machine Company, Hartford, Conn., a Corporation of Connecticut. Filed Dec. 17, 1923. Serial No. 681,254. 11 Claims. (Cl. 112—162.)

1. In a sewing machine, in combination, feed mechanism including a feed dog, a feed changing device associated with the feed mechanism and adjustable to vary the range of movement imparted to the feed dog, a device operable upon an edge or superposed edges of material



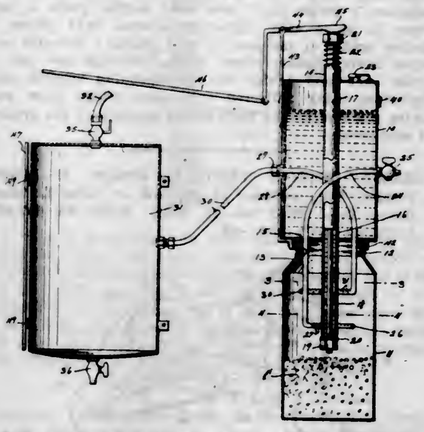
and adjustable to vary its relation to the stitching elements, and means interposed between said device and the feed changing device whereby adjustment of one of them will impart an adjustment to the other.

1,568,987. CHAIN LINK. FREDERICK W. MEYERS, Chicago, Ill. Filed Dec. 19, 1924. Serial No. 757,044. 3 Claims. (Cl. 59—88.)



3. In a chain link, in combination, two complementary members, the said members having hooked ends and flat surfaces, the said flat faces contacting with each other, an upright rod in one of the members, the said rod being T-shaped at the top, a projection underneath the said T-shaped portion, a square opening in the other complementary members, and slots and shoulders in the walls of the said opening.

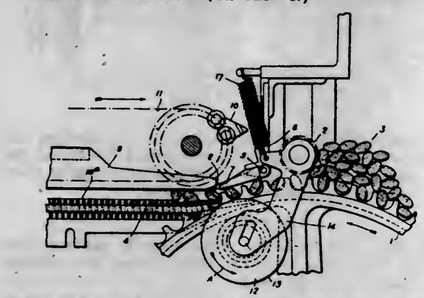
1,568,988. ACETYLENE GENERATOR. DELBERT A. MILAM, Charleston, W. Va. Filed July 22, 1924. Serial No. 727,572. 2 Claims. (Cl. 48—4.)



2. In an acetylene gas generator, a water chamber, a carbide chamber, an outlet for the carbide chamber and a measuring valve comprising a tube communicating with the water chamber and with the carbide chamber and a member operating within the tube having spaced valves

one of which normally closes the communication between the tube and the carbide chamber, the other of said valves closing the communication between the water chamber and the tube upon operation of the member to open the valve controlling communication between the tube and the carbide chamber.

1,568,989. APPARATUS FOR FEEDING AND ARRANGING OVAL CIGARETTES. WALTER EVERETT MOLINS, London, England. Filed Oct. 6, 1924. Serial No. 742,047. 14 Claims. (Cl. 226—5.)

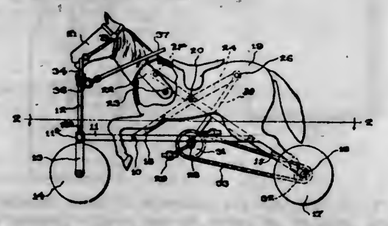


1. Apparatus for arranging oval cigarettes in lapped formation in the usual style of packed oval cigarettes comprising a hopper, means for delivering the cigarettes from the hopper, means for positively turning automatically each cigarette upon leaving the delivery means, into a slanting or sloped position and means for retaining the cigarettes in such position while they are continuously moved for grouping, transferring or other similar operations.

4. Apparatus for arranging oval cigarettes in lapped formation in the usual style of packed oval cigarettes, comprising a hopper, a fluted conveyor for delivering the cigarettes from the hopper, a resilient finger adjacent said conveyor beneath which the cigarettes are moved, said resilient finger and the rear edge of a flute of said conveyor serving to positively turn each cigarette into a sloping position, and means for retaining the cigarettes in such position while they are continuously moved for grouping.

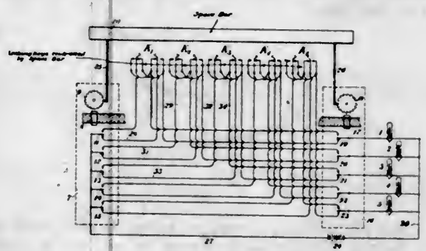
9. In a cigarette packing machine for oval cigarettes, a hopper, a carrier plate, means to deliver said cigarettes from said hopper to said plate in overlapping, sloped relation, a guide plate over said carrier plate, a conveyor to move said cigarettes between said plates, a slotted bridge at the ends of said plates, a transfer conveyor having pusher pieces passing through said slot, a brush over said bridge having depending bristles, said cigarettes being delivered onto said bridge from said plates and retained in their sloped relation by the bristles of said brush.

1,568,990. CHILD'S VEHICLE. JOSEPH A. MOORE, Palmer, Tex., assignor of one-half to Amos L. Ticer, Boyce, Tex. Filed Dec. 16, 1922. Serial No. 607,361. 2 Claims. (Cl. 208—42.)



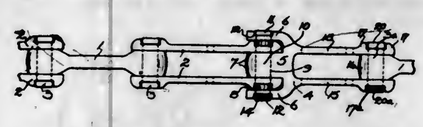
1. A child's vehicle comprising a frame, supporting wheels therefor, a figure of an animal positioned above the frame, a rod extending through the frame and pivotally engaging the figure to support the latter, a pivotal connection between the body and head of the figure, foot operated means including a crank shaft, whereby the vehicle may be propelled, a substantially V-shaped member mounted upon the rod and connected to the body and neck of the figure, means connecting the V-shaped member and crank shaft, whereby the body of the figure may be rocked upon the rod and the head moved relatively when the crank shaft is operated, and guiding means for the vehicle.

1,568,991. CIPHERING AND DECIPHERING DEVICE. LYMAN F. MOREHOUSE, Montclair, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Apr. 15, 1920. Serial No. 374,159. 1 Claim. (Cl. 178—22.)



In a ciphering and deciphering device, a telegraph transmitter including a tape provided with prearranged groups of perforations therein and a set of contacts controlled in accordance with said groups of perforations, a set of contacts controlled by key mechanisms operable in accordance with the code combinations of the original message, a group of signal lamps under the joint control of said sets of contacts for displaying the code combinations of the enciphered or deciphered message, means for locking said key mechanisms in operated position, and means for releasing said key mechanisms and for advancing said perforated tape.

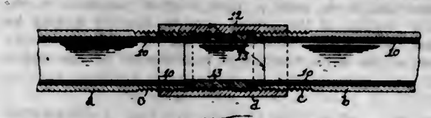
1,568,992. MASTER LINK FOR CONVEYER CHAINS. RALPH L. MUDGE, Detroit, Mich. Filed Feb. 10, 1925. Serial No. 8,313. 4 Claims. (Cl. 74—49.)



1. A master link for conveyer chains comprising a central member having lateral arms one on each side thereof, substantially parallel to said member at their outer ends and their inner ends integral with said member, and a pin adapted to pass transversely through said member and said arms, in combination with two substantially parallel elements united to said member and extending in the opposite direction to said arms, transverse openings through said elements adapted to receive a pin and means for preventing rotation of said pin.

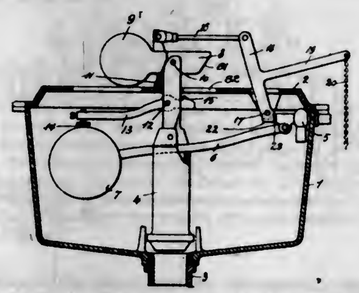
1,568,993. PIPE FITTING. RENYES J. NEWSOM, Lynn, Mass. Filed Oct. 21, 1922. Serial No. 596,134. 3 Claims. (Cl. 285—148.)

3. A pipe fitting for cement lined pipe comprising an outer member of relatively hard metal and an inner member of metal relatively softer than the lining of said pipe and capable of being compressed by said lining, said inner member being of substantial thickness and having at its inner circumference a lip of substantial length to enable the said lip to extend into the harder



member of a cement lined pipe having a lining broken back from the end of said pipe and to engage and be compressed by said broken back lining and make a tight joint therewith.

1,568,994. FLUSHING TANK. CHRISTEN NÖRBORK, Copenhagen, Denmark. Filed Apr. 11, 1922. Serial No. 551,562. 1 Claim. (Cl. 4—19.)



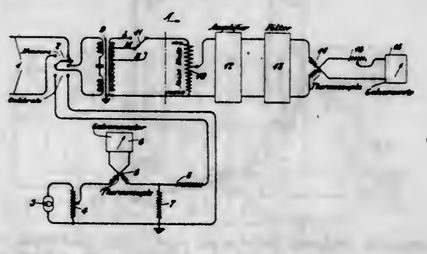
An apparatus of the class described, comprising, in combination, a tank having a valve-controlled outlet and a valve-controlled inlet, the latter being adapted for connection to a source of fluid under pressure, a pivoted member for retaining the inlet valve closed, a weighted member pivoted to the outlet valve and adapted to fulcrum on a fixed portion of the tank thereby to retain the outlet valve open, means for simultaneously swinging said members on their pivots to permit the inlet valve to be opened under pressure of the fluid and the outlet valve to be closed by gravity thereby to fill the tank, a pivoted latch for engaging one of said retaining members thereby to maintain both of said members in tank-filling position, and a pivoted float adapted when raised to release said latch thereby to permit return of the retaining members to initial position.

1,568,995. ATTACHMENT PLUG. REUBEN B. BENJAMIN, Chicago, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 17, 1922. Serial No. 553,856. 5 Claims. (Cl. 173—348.)



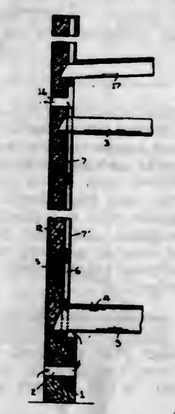
1. A separable attachment plug comprising a body member and a cap member, said body member comprising center and side contacts and blade-engaging contacts, said cap member comprising blades for engaging said blade-engaging contacts, an extension handle movably mounted on said cap member, and means for holding said extension handle in alignment with said plug.

1,568,996. ELECTRICAL MEASURING APPARATUS. FRED H. BEST, Westfield, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Jan. 3, 1924. Serial No. 684,247. 8 Claims. (Cl. 179—175.)



5. The method of measuring the effect upon telephone transmission of interfering current of a single frequency or of a plurality of frequencies which consists in measuring a standard current of definite magnitude and of a single frequency, the measurement being in units representing the detrimental effect upon transmission, then weighing the frequencies present in an interfering current, and measuring this current by the same units.

1,568,997. CONCRETE STRUCTURE FOR HOUSING. IVEY T. BLOUNT, Miami, Fla. Filed July 12, 1924 Serial No. 725,747. 4 Claims. (Cl. 72—49.)

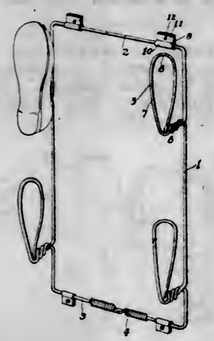


1. A wall comprising an outer portion of poured concrete, its inner side resting against an inner course of laths, spaced studs, to the outer sides of which the laths are attached, an inner course of laths attached to the inner sides of the studs and a coat of plaster over the inner course of laths, the space between the studs being left open for ventilation purposes and there being provided through the concrete portion, air outlets.

1,568,998. SHOE HANGER. GEORGE W. BRUCE, Childress, Tex. Filed Apr. 21, 1924. Serial No. 707,955. 2 Claims. (Cl. 211—17.)

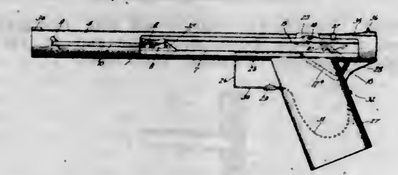
1. A device of the character described comprising a strand of wire bent to form a body including a vertically disposed portion which is crimped intermediate

its length and in spaced relation to the free end of the crimped portion twisted to provide a shoe-supporting head and twisted shank connecting the head with the



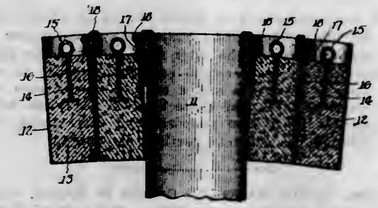
vertically disposed portion of said body, said head extending upwardly from said shank and being in the form of a loop rounded at its upper end and tapering downwardly to the shank.

1,568,999. FEED AND TRIGGER MECHANISM FOR TOY PISTOLS. CLAUDE L. BUNTEN, Rawlins, Wyo. Filed Apr. 22, 1925. Serial No. 25,035. 5 Claims. (Cl. 124—13.)



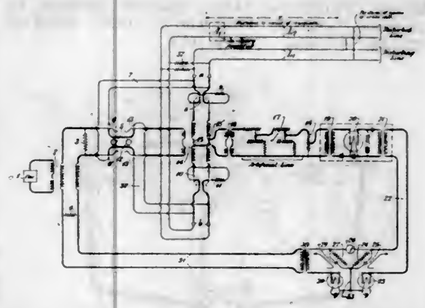
1. A feed and trigger device for toy pistols comprising a barrel, spaced tracks thereon, a reciprocal carrier guided in said tracks and provided with a shoulder, a substantially U-shaped latch device pivoted at the end of one of its arms, said latch device provided with a latch finger engageable with said shoulder, and a spring member for maintaining said latch device normally in one position, said member provided with an extension adapted to be operated to compress said spring and raise said latch finger.

1,569,000. WEIGHT FOR SINKING WELL CASINGS. WILLIAM H. CATER, Chicago, Ill. Filed Oct. 7, 1925. Serial No. 60,950. 4 Claims. (Cl. 166—1.)



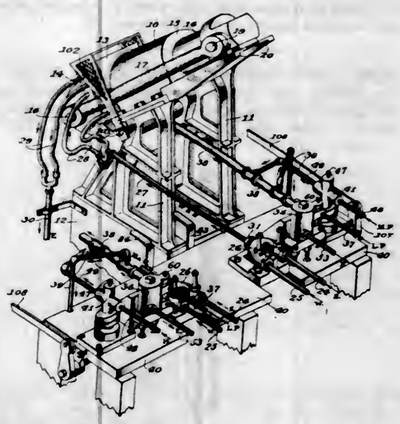
1. A weight for well-casings and the like, comprising a metal shell, a filling for said shell terminating short of an end of the shell and containing relatively-heavy particles and cement, a reenforcing plate inside of said shell, the latter and said plate being apertured in register with one another and opposite the unoccupied space of the shell, whereby the apertures may accommodate a supporting hook with a part thereof received in the empty portion of the casing, and an eye-bolt having its shank embedded in said filling with its eye in the empty space of the shell whereby it is protected by the latter.

1,569,001. ELECTRICAL MEASURING APPARATUS. ALVA BENSON CLARK, Brooklyn, N. Y., and GEORGE CRISSON, Hackensack, N. J., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 22, 1923. Serial No. 682,267. 11 Claims. (Cl. 179—175.)



1. In a system for locating causes of crosstalk, the combination with a disturbing line circuit of a disturbed line circuit, the said circuits being characterized by a cause of crosstalk existing therebetween, a transmission measuring circuit connected with said line circuits and a by-pass connection between said line circuits.

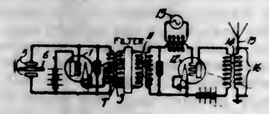
1,569,002. MEANS AND METHOD FOR PRESSING MOLDED ARTICLES. ROBERT F. CRUDGINTON and JOHN T. KILBRIDE, Bridgeport, Conn., assignors to Columbia Phonograph Company, Inc., Bridgeport, Conn., a Corporation of New York. Filed July 5, 1924. Serial No. 724,429. 23 Claims. (Cl. 18—16.)



6. In combination, a press, and a piping system including control valves and automatic mechanical means for actuating the same, so arranged and constructed that the press is automatically closed by fluid under one pressure, held closed for a predetermined period by a fluid under a greater pressure, heated for a predetermined period while under the greater pressure, cooled for a period in excess of the heating period and while under the greater pressure, and opened.

7. The method of molding a sound record consisting in placing the record material on a matrix and slowly applying pressure thereto for a definite time interval to spread it thereover, and then pressing it tightly thereagainst.

1,569,003. SIGNALING SYSTEM. AUSTEN M. CURTIS, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Jan. 21, 1922. Serial No. 530,762. 24 Claims. (Cl. 250—17.)



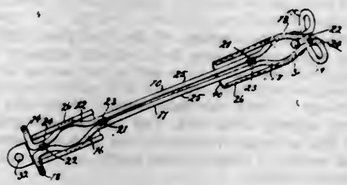
16. A radio transmission system comprising an antenna, a source of radio frequency waves coupled to said antenna, means upon which a message is recorded to vary the dielectric properties thereof, means whereby the frequency of the waves produced by said source is controlled by the varying dielectric properties of said means for controlling the supply of signal currents to said antenna.

1,569,004. SAFETY DEVICE. PHILIP H. DAUB, Helena, Ohio. Filed June 18, 1925. Serial No. 38,097. 9 Claims. (Cl. 246—204.)



2. In combination with a railway rail, a pair of bar-like members provided with longitudinal slots pivotally mounted relative to each other, means adapted to engage the slots, a spring mounted at the terminal of one of the bar-like members, and controlling means adapted to be actuated by the other bar-like member.

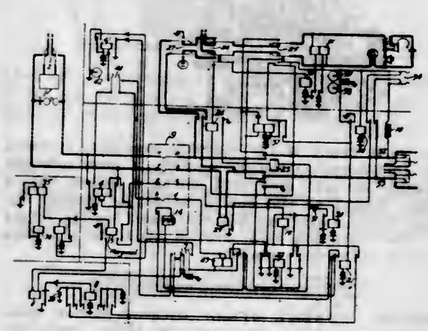
1,569,005. LOOSE-LEAF BINDER. JAMES C. DAWSON, Webster Groves, Mo., assignor to Elma N. Dawson, Webster Groves, Mo. Filed Sept. 16, 1924. Serial No. 738,022. 7 Claims. (Cl. 129—24.)



2. In a loose leaf binder, a resilient rod terminating at each end in paper holding prongs and formed into an arch adjacent to each of said prongs, the bases of said arches forming bearings and the outer bearing of each arch being in the plane of the arches and out of alinement with the inner bearings of said arches.

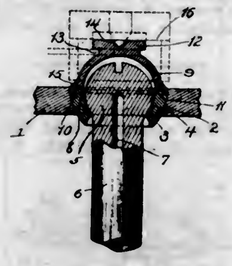
7. In a loose leaf binder, the combination of a pair of rods each formed into a short rigid arch at each end thereof and terminating in paper holding prongs, said arches forming a toggle at each end of the pair of rods and resilient clips for holding said rods in assembled relation and for retaining said prongs in either open or closed position through the action of said toggles.

1,569,006. TELEPHONE SYSTEM. GERALD DEAKIN, Antwerp, Belgium, assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 13, 1924. Serial No. 737,478. 5 Claims. (Cl. 179—27.)



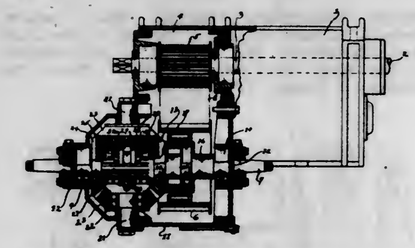
1. In a telephone system, subscribers' lines, a finder switch in which said lines terminate, a trunk, means responsive to a call on one of said lines for operating said finder to extend such line to said trunk, an individual key for each line, a key for said trunk, and means responsive to the actuation of one of said line keys and said trunk key for causing the operation of the finder to extend said trunk to the corresponding line as a called line.

1,569,007. STAY-BOLT STRUCTURE FOR BOILERS. ETHAN I. DODDS, Central Valley, N. Y., assignor to Flannery Bolt Company, Pittsburgh, Pa. Filed Feb. 26, 1923. Serial No. 621,381. 2 Claims. (Cl. 85—1.5.)



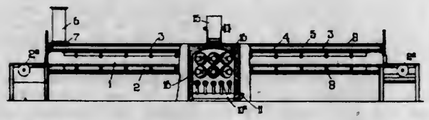
1. In a staybolt structure, the combination with a boiler sheet having an opening and a bearing member having initial universally adjustable mounting in said opening, of a cap or closure mounted on said bearing member and a single weld encircling the cap or closure and bearing member and uniting both the bearing member and cap or closure to the boiler sheet, said cap or closure having a head formed with a recess providing a mounting adapted to receive a cutting tool for removing the welding alloy.

1,569,008. GEARING. HARRY B. DODGE, Clintonville, Wis., assignor to Four Wheel Drive Auto Company, Clintonville, Wis., a Corporation of Wisconsin. Filed Nov. 21, 1921. Serial No. 516,683. 2 Claims. (Cl. 74—59.)



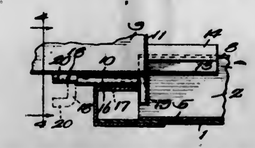
2. In a device of the character described, a reversing transmission including a shaft, a gear rotatably mounted on said shaft and having a hollow hub, a pulley secured to said hub, a ballbearing member disposed between said hub and shaft, and spacing collars on said shaft and each disposed upon opposite sides of said ballbearing member.

1,569,009. BAKER'S OVEN. WILLIAM DREDGE, Manchester, England. Filed Jan. 24, 1924. Serial No. 688,289. 2 Claims. (Cl. 107—57.)



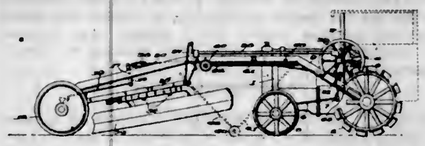
1. Heating arrangements for bakers' ovens of the type containing an endless travelling conveyor, comprising, in combination, an air-heating chamber on the side of the oven; a plurality of gaseous fuel burners in said chamber; means for supplying high pressure combustible gas to the burner-nozzles; means for admitting and forcing air into the heating-chamber; conduits passing through the wall of the heating-chamber for introducing the heated air and products of combustion into the oven; means for controlling said conduits; and distributing pipes connected to the said conduits and arranged to distribute the heated air and products of combustion on both sides of the travelling conveyor.

1,569,010. CABINET. ANTHONY P. GRIMES, Two Rivers, Wis., assignor to Hamilton Manufacturing Company, Two Rivers, Wis., a Corporation of Wisconsin. Filed June 27, 1925. Serial No. 39,983. 2 Claims. (Cl. 45—7.)



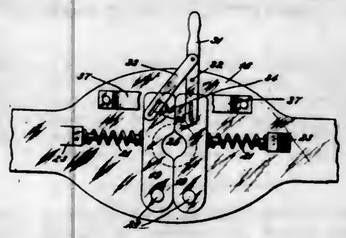
2. The combination with a cabinet having a sliding drawer; of a horizontal bearing upon a rear portion of a side wall of the drawer; and a rod having an intermediate portion journaled in said bearing, another portion angular to and depending from the first, and an end portion continuing angularly to the plane of said other rod portions and projecting horizontally from the drawer into alinement with a frame portion of the cabinet normally to prevent complete withdrawal of the drawer.

1,569,011. IMPLEMENT ATTACHMENT FOR TRACTORS. CLARENCE E. GILBERT, Aberdeen, S. Dak. Filed Sept. 22, 1924. Serial No. 739,163. 4 Claims. (Cl. 97—232.)



1. An implement attachment of the type described comprising a frame, wheels for supporting the forward ends of said frame, and means at the opposite end of said frame for engagement and support upon an engine of locomotion, a movable implement supporting member carried by said frame, means for elevating and lowering said implement supporting member manually, a drop frame pivotally mounted upon said frame intermediate its length, auxiliary supporting wheels carried by said drop frame and arranged to rest upon the ground when the drop frame is pivoted downwardly, a strut pivotally connected to said drop frame adjacent to its outer end, and a gripping member carried by said strut arranged to engage with said movable implement supporting member, whereby movement of said supporting member may occasion movement of said drop frame to elevate or lower the rearward end of said implement attachment at will.

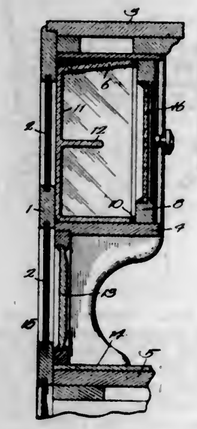
1,569,012. AUTOMATIC MINE-CAR COUPLER. BENJAMIN E. GILDERSLEEVE, Lynchburg, Va. Filed Oct. 17, 1923. Serial No. 669,158. 1 Claim. (Cl. 213—177.)



A car coupler including a plate having an opening, a pair of latch plates pivotally mounted on the first plate and having cooperating notches forming an opening registering with the opening of the first plate, springs normally urging the plates into contact opposite said opening of the first plate, a coupling bar having an enlarged head arranged to separate said plates and enter said openings, a lever pivotally supported on the first plate and slidably connected with one of the pivoted plates, a link pivotally carried by the lever and slidably connected with the other pivoted plate, and a guide for the plates and links.

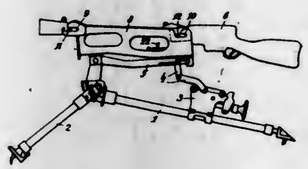
1,569,013. CABINET. HARRY C. GOWRAN, Two Rivers, Wis., assignor to The Hamilton Manufacturing Company, Two Rivers, Wis., a Corporation of Wisconsin. Filed Mar. 22, 1923. Serial No. 626,781. 1 Claim. (Cl. 211—7.)

A cabinet having a door opening of a height and width as great as the height and width of the interior of the cabinet, a door for controlling said opening an open front one piece refractory lining inserted within the cabinet and forming the operative, top, bottom side and rear walls thereof, said lining having its top wall inclined downwardly from its front to its rear and its exterior height and width at the open front end thereof corresponding to said dimensions of the interior of the



cabinet, and rails secured to the top, bottom and side walls of the interior of the cabinet to hold the lining in position and forming a stop to limit closing movement of said door, the outer faces of said rails being substantially flush with the interior faces of the related portions of the refractory lining.

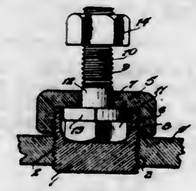
1,569,014. MACHINE-GUN SUPPORT. WERNER CHRISTIAN LASSEN HAUBROE, Copenhagen, Denmark. Filed June 19, 1925. Serial No. 38,178. 3 Claims. (Cl. 89—40.)



1. Improvements in supports for machine guns of the kind by which the latter is resting with two pairs of pins in notches in the side walls of a frame, characterized in that a bolt 27 on the gun is connected with a sliding piece 16 adapted to move back and forth in the frame 7, 8 and being actuated by one or more springs 18, which are compressed by the recoil of the gun and the thereby produced motion of the sliding piece in the frame, and which after the recoil has ceased moves the sliding piece and the gun forward again into normal position

1,569,015. BOILER AND TANK STUD FITTING. THOMAS F. HAYS, North Little Rock, Ark., assignor of one-fourth to James W. Delaney, Little Rock, Ark. Filed Apr. 18, 1923. Serial No. 632,917. 3 Claims. (Cl. 248—20.)

3. A stud fitting comprising a bushing exteriorly threaded to be permanently fitted into a boiler shell or the like and having a socket in its outer end, a cap removably fitted onto the said outer end of the bushing and having a central opening, a threaded stud having its shank fitted through the opening in the cap and provided with a head received within the recess and confined by the cap, and a spring washer upon the shank of the stud between the cap and the head of the stud.

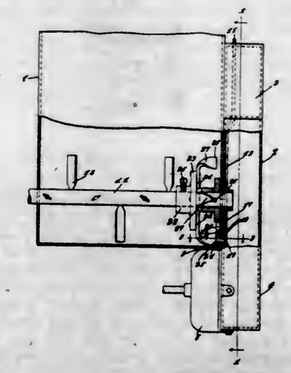


1,569,016. TYPEWRITING MACHINE. WILLIAM F. HELMOND, Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Jan. 17, 1923. Serial No. 613,096. 3 Claims. (Cl. 197—22.)



1. In a typewriting machine, the combination with a platen, of a series of radially arranged type-bars printing at a common point against said platen, a type-bar segment, and a curved fulcrum wire on said segment supporting all of said type-bars, the type-bars being all of equal length, the segment having equally spaced slots to guide said type-bars, said type-bars being arranged in three groups, namely, a middle or main group and two sub-groups at the sides of the main group, the slots for the middle group of type-bars being perpendicular to the segment, the slots for each sub-group of type-bars being skewed relatively to the segment to cause the type-bars of said sub-groups to fan outwardly from each other at their free ends, providing clearance for the types on the bars of said sub-groups.

1,569,017. COTTON DUSTER. GRACE P. HOBBS, Winder, Ga., assignor, by direct and mesne assignments, to Warren De Sosa, Atlanta, Ga. Filed Oct. 29, 1923, Serial No. 671,604. Renewed Nov. 21, 1925. 6 Claims. (Cl. 43—148.)



1. The combination with a bulk holder having a side outlet and a suction flue in communication with the outlet, of a rotatable series of spaced strips adjacent the outlet, each of said strips having a laterally extended

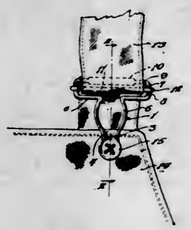
twisted portion constitute a blade, each blade having a straight free edge radially disposed relative to its axis of rotation and having its front or advancing face curved to exert a wiping deflecting action toward the outlet of material in the path of the blades.

1,569,018. ATTACHMENT PLUG. CHARLES L. HOPKINS, River Forest, and CHESTER E. WARNER, Berwyn, Ill., assignors to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 12, 1922. Serial No. 528,647. 14 Claims. (Cl. 173—343.)



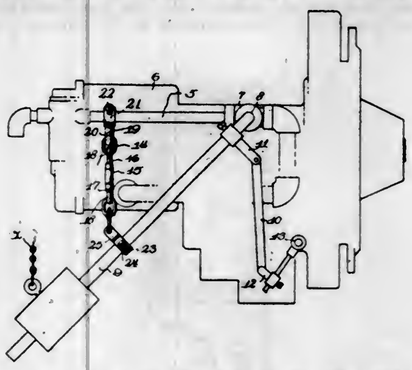
4. An attachment plug, comprising a threaded shell contact, and an extension handle having a universal joint connection with respect to said threaded shell contact, said universal joint connection comprising a ring coaxial with said threaded shell contact and pivotally mounted with respect thereto, and a loop handle pivotally connected with said pivot ring.

1,569,019. COMBINED SLIDE AND BUTTON LOOP FOR OVERALLS. WILLIAM M. HUESEMAN, Dilisboro, Ind. Filed June 14, 1924. Serial No. 720,022. 1 Claim. (Cl. 24—245.)



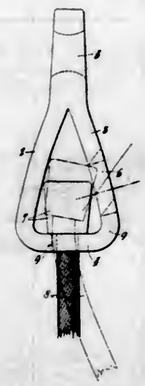
An article of the class described comprising a body portion formed from a strand of wire bent intermediate its length to provide a U-shaped button receiving loop and having the upwardly extending arms of said loop bent outwardly and then upwardly and inwardly to provide a strap receiving eye extending transversely of said loop and beyond opposite sides thereof, a sleeve fitted upon the inturned end portions of said wire strand to reinforce the upper portion of said eye and retain the said inturned end portions in alinement with each other, and a cross bar extending longitudinally of said eye and having its ends formed into eyes loosely mounted upon the portions of said wire strand at the ends of the eye and mounting the cross bar for vertical sliding movement.

1,569,020. CONTROL FOR AN OIL-BURNER FEED. ALFRED W. HUTCHISON, Chicago, Ill. Filed Feb. 5, 1925. Serial No. 6,995. 2 Claims. (Cl. 137—139.)



1. In an oil burner structure a fuel feed pipe, a valve therein, a regulator lever extending from said valve and movable in a vertical plane alongside said pipe, and means connecting said pipe and lever at a point remote from said valve, said means consisting of a chain connected at opposite ends respectively to said pipe and said lever, and a device for adjusting the length of said chain whereby said lever is supported in divers lowered positions.

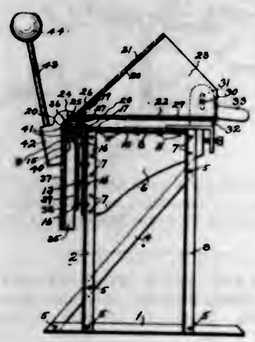
1,569,021. WIRE-ROPE CONNECTION. EMIL JORGENSEN, Stillwater, British Columbia, Canada. Filed Aug. 18, 1924. Serial No. 732,742. 3 Claims. (Cl. 24—123.)



1. A means for releasably connecting a wire rope to another rope, said means comprising the combination with a rope having a thimbled enlargement at its end, of a substantially triangular member adapted to be connected at its apex to said other rope, said member having an aperture in one of its sides adapted to admit said thimbled enlargement when presented endwise, and a slot extending from the aperture to the centre of the base of the triangular member the width of the slot being adapted to pass said first mentioned rope but to retain the enlargement.

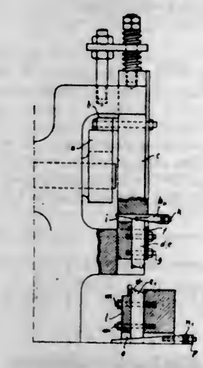
1,569,022. BENDING BRAKE. THOMAS J. KELLEHER, Chicago, Ill. Filed June 9, 1924. Serial No. 718,782. 3 Claims. (Cl. 153—16.)

1. In a bending brake, standards, heads and a bed, all rigidly secured together, said bed comprising a horizontal member and a vertical plate, the upper side of said plate curved, and the edge of said curved side joined to said horizontal member adjacent to the forward edge thereof by metal rods which are welded to



said horizontal member and to said edge of the curved side of said vertical member, in combination with a bar forming the lower member of the jaw of the brake, and metal rods welded to said bar and to said horizontal member, to rigidly join the same.

1,569,023. SAW-SETTING MACHINE. FRITZ KOCH and RICHARD POHLMANN, Cronenberg, Germany. Filed Feb. 20, 1925. Serial No. 10,653. 2 Claims. (Cl. 76—66.)



1. A saw setting machine comprising in combination a vertical frame, a slide member arranged therein, means for reciprocating the slide member, a punch carried by the slide member consisting of two removable parts, a die shoe arranged below the slide member, a die consisting of two removable parts disposed within the die shoe characterized in that by the operation of the punch upon a saw interposed between it and the die adjacent teeth are displaced to the left and right by a single passage of the saw through the machine.

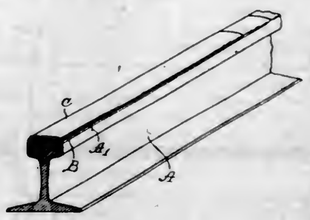
1,569,024. BLOWPIPE. LAURENCE OLIPHANT, Trenton, N. J., assignor to Oxweld Acetylene Company, a Corporation of West Virginia. Filed Feb. 8, 1922. Serial No. 533,938. 2 Claims. (Cl. 158—27.4.)

1. In a blowpipe, the combination of a head having a gas passage comprising a socket and a throat, an injector nozzle in said socket having a tapering passage therethrough arranged to discharge into said throat and providing a chamber adjacent the entrance of said throat, said head having a combustible gas duct opening into said chamber and an oxygen duct opening into said



socket behind said nozzle, a tapering needle valve disposed in said nozzle passage and having its seating surface more abruptly inclined than the cooperating seat in said nozzle passage, and a nut having threads coupling it to said head and to said valve.

1,569,025. METHOD OF JOINING METALS BY FUSION WELDING. HARRY R. PENNINGTON, Chicago, Ill., assignor to C. H. Hollup Corporation, a Corporation of Illinois. Filed Apr. 18, 1922. Serial No. 555,377. 7 Claims. (Cl. 78—93.)

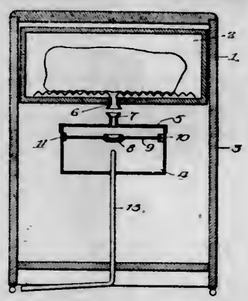


1. A process of welding two metals, one of which must be rapidly cooled after welding and the other of which must be slowly cooled after welding, consisting in first welding to one of said metals an interposed body of metal the physical constituency of which is not impaired by either slow or rapid cooling, then cooling said welded metals at the rate required by said main metal, next welding to said interposed metal the other of said first-named metals, and then cooling the last-named metal at its proper rate.

1,569,026. REFRIGERATING DEVICE. CHARLES A. PETERSON, Chicago, Ill. Filed Apr. 14, 1919. Serial No. 289,867. 2 Claims. (Cl. 62—55.)

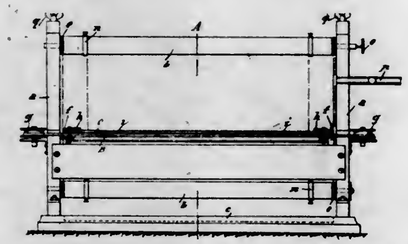
1. A refrigerating device comprising a receptacle, an ice chamber in said receptacle for containing the ice to be used for cooling purposes, a cooling chamber in the receptacle, a tank beneath said ice chamber and located in said cooling chamber, said tank having all its sides exposed so as to act as cooling surfaces for said cooling chamber, a communication from the bottom of said ice chamber to said tank through which the water produced by the gradual melting of the ice passes into said tank, a liquid receiver movably mounted in said tank into which said water is received, said liquid receiver being comparatively small so that the small quantity of water which it holds will remain at a comparatively low temperature so as to act in cooling the cooling chamber,

means for intermittently and automatically discharging the water from said liquid receiver into said tank where it is held for a predetermined time to also act to cool



said cooling chamber, and means for automatically and intermittently discharging the accumulated water from said tank after the cooling effect thereof has been utilized to cool said cooling chamber.

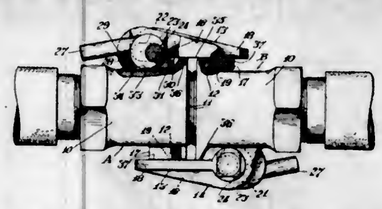
1,569,027. METHOD AND APPARATUS FOR THE ACCURATE REPRODUCTION OF PAINTINGS, DRAWINGS, OR PRINTS OF ALL KINDS WITH COLORED ELEMENTS OF ANY DESCRIPTION. IGINO PICCIONI, Tivoli, Italy. Filed Dec. 9, 1921. Serial No. 521,247. 1 Claim. (Cl. 41—1.)



The method of reproducing a picture, drawing or the like, consisting in cutting the original or pattern in narrow strips each containing a series of small patches of the pattern; arranging said patch strips together end to end to form a long strip in the same order as that in which they were cut, arranging a portion of such long strip across a fabric on which the copy is to be made: reproducing on the copy fabric the patches displayed by such portion of the patch strip, moving such copy fabric in a direction at an angle to said patch strip and a distance corresponding to the width of the latter, arranging the next consecutive portion of such patch strip across said copy fabric, reproducing the patches of such consecutive portion of the strip on the copy fabric in consecutive order to the first patches reproduced thereon and continuing such operations until all the consecutive portions of the patch strip have been thus reproduced, and thereby forming a copy of the original.

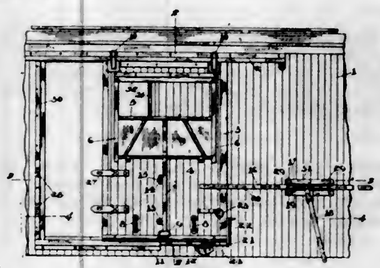
1,569,028. COUPLER. EDWARD C. POST, Chicago, Ill., assignor to Vapor Car Heating Company, Inc., Chicago, Ill., a Corporation of Illinois. Original application filed Mar. 9, 1922, Serial No. 542,297. Divided and this application filed Apr. 18, 1924. Serial No. 707,379. 9 Claims. (Cl. 285—65.)

2. For use as an element of a hose coupling, a coupler head provided with a forwardly extending arm, a member slidable on said arm and adapted to be engaged with a mating coupler by a lateral movement of said couplers,



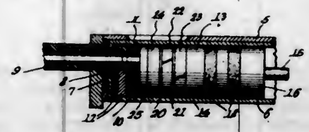
and means comprising a cam supported to rotate on an axis transversely of the length of said coupler to actuate said sliding member to draw the couplers together.

1,569,029. GRAIN DOOR FOR RAILWAY CARS. HENRY L. POWER, Brandon, Manitoba, Canada. Filed Apr. 21, 1922. Serial No. 555,910. 2 Claims. (Cl. 268—6.)



1. A grain door for railway cars suitably supported to slide transversely of the doorway; a bar secured to one end of the door, having a series of longitudinally arranged holes formed therein; a guide on the side of the car, through which the bar passes, said guide having a longitudinal slot exposing the face of said bar; a lever pivoted on the side of the car; and a pawl loosely pivoted on one end of the lever, said pawl being guided by the sides of said slot and adapted to engage the holes in the bar.

1,569,030. AIR GUN OR RIFLE PLUNGER. MYRON R. RANDALL, Waupaca, Wis. Filed Mar. 18, 1924. Serial No. 700,142. 4 Claims. (Cl. 74—109.)

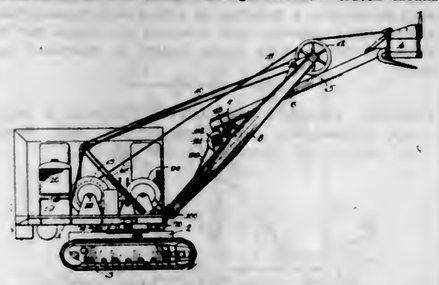


1. An air gun or rifle plunger, a solid hard fibre ring mounted thereon to serve as guide means, a split resilient metallic packing ring carried by the plunger at the rear of the solid ring, and a split hard fibre packing ring carried by the plunger at the rear of the metallic ring.

1,569,031. POWER SHOVEL. JOHN D. RAUCH, Lima, Ohio, assignor to The Ohio Steam Shovel Company, Lima, Ohio, a Corporation of Ohio. Filed Mar. 2, 1925. Serial No. 12,476. 11 Claims. (Cl. 214—135.)

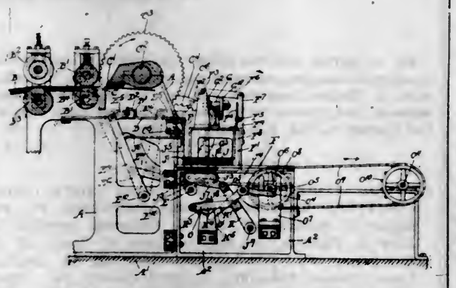
1. In a device of the class described, a frame having a boom and a dipper on the forward end thereof, a motor at the rear end of said frame, flexible cable controlling

means for said dipper including a drum mounted on a transverse axis in front of said motor and operatively connected to the latter through friction clutch means



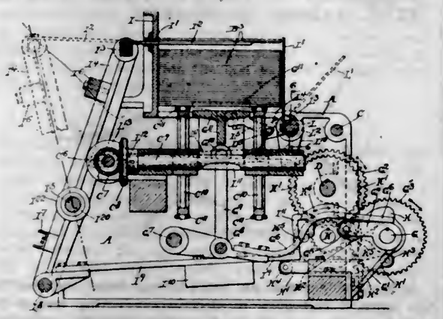
rotatable on an axis in front of said drum, gear reduction mechanism interposed between said clutch and said drum, and brake means associated with said friction clutch means.

1,569,032. SHINGLE CUTTER. HUGO REICHEL, Chicago, Ill. Filed Aug. 24, 1923. Serial No. 659,055. 23 Claims. (Cl. 93—93.)



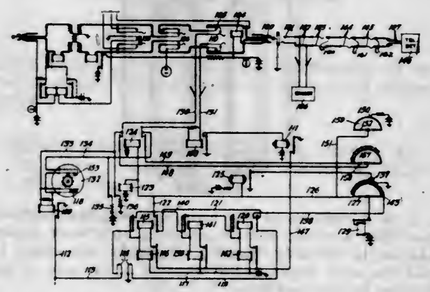
8. A shingle stacker comprising in part a feed table adapted to receive in a horizontal position the successive shingle sections as they are delivered, and a shingle feed element adapted to engage the edge of each shingle and discharge it therefrom before the succeeding shingle is deposited thereupon.

1,569,033. SHINGLE STACKER. HUGO REICHEL, Chicago, Ill. Filed Nov. 28, 1924. Serial No. 752,528. 39 Claims. (Cl. 214—6.)



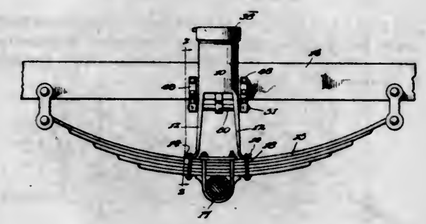
1. A stacker for relatively thin articles, comprising a vertical reciprocating receiving table and a conveyor, and means for delivering articles to said receiving table in timed succession, and means for delivering the accumulation of such articles upon said table to said conveyor when a predetermined number of articles has been received thereupon, comprising in part means for downwardly moving the receiving table below the level of the conveyor, and for raising it again, after the conveyor has removed the accumulated articles thereby deposited thereon.

1,569,034. MACHINE-SWITCHING TELEPHONE-EXCHANGE SYSTEM. WILLIAM A. RHODES, Kansas City, Mo., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Apr. 14, 1922. Serial No. 552,627. 9 Claims. (Cl. 179—27.)



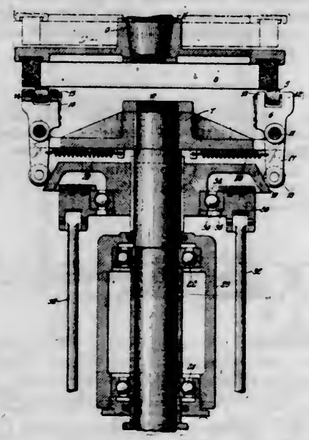
1. In a telephone system, telephone lines, means including automatic switching apparatus for interconnecting the same, a dial, means for associating said dial with said switching apparatus, impulse sending means automatically actuated by the variable operation of said dial and a part of the digits of the desired number for invariably transmitting the same code of impulses to said automatic switching apparatus, and means for transferring the control of said automatic switching apparatus from said impulse sending means to the impulse contacts of the dial for transmitting sets of impulses to said automatic switching apparatus corresponding to the remaining digits dialed.

1,569,035. PNEUMATIC SHOCK ABSORBER. ABSALOM W. RICKS, Rexburg, Idaho. Filed June 23, 1924. Serial No. 721,771. 12 Claims. (Cl. 188—88.)



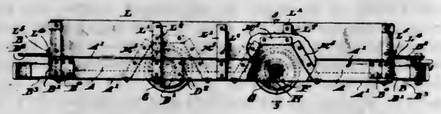
1. A shock absorber including an air cylinder having a bottom wall, a cap closing the cylinder, means for connecting said cylinder with a vehicle axle, the bottom wall of the cylinder and said cap being provided with air inlet passages, spring closed inwardly opening air inlet valves at the inner ends of the passages, a piston reciprocable in the cylinder and having a piston rod slidable through said bottom wall, means for connecting the piston rod with a vehicle frame, and air filtering means mounted in said passages.

1,569,036. GRINDING MACHINE. ROBERT F. RUNGE, Forest Hills, N. Y. Filed Sept. 14, 1923. Serial No. 662,659. 12 Claims. (Cl. 51—132.)



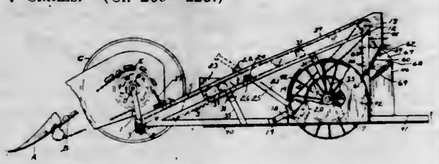
1. In a machine of the class specified, the combination with a rotary abrasive member, of a work holder adapted to rotatably support a workpiece, and means to rock the work holder in the direction of the axis of the rotation of the workpiece.

1,569,037. RAILWAY CAR. HUGH W. SANFORD, Knoxville, Tenn. Filed Mar. 5, 1925. Serial No. 13,260. 32 Claims. (Cl. 105—364.)



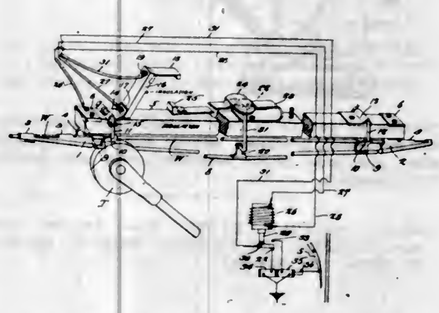
2. In a railway car of the kind described, the combination with side sills and an end structure, of a bottom plate and an upright bar supported by the end structure and having its lower end extending through and secured to the bottom plate for supporting the latter, substantially as described.

1,569,038. POTATO-HARVESTER ATTACHMENT. ARNO SCHMECHEL and GEORGE SCHUBERT, Thiensville, Wis. Filed Dec. 6, 1924. Serial No. 754,352. 7 Claims. (Cl. 209—125.)



1. In a device of the character described, the combination with a wheeled frame having a support adapted to sustain receptacles to be filled and an opening leading to the ground at one side thereof, of a conveyor operable to carry material in the direction of said support, and a chute arranged to receive material from said conveyor whereby to be adapted to fill a container carried by said support, said chute comprising a hollow deflector provided with enclosing walls and adjustable with reference to the path of material delivered by said conveyor and adapted in one position of adjustment to receive such material therethrough and in another position to oppose the outside surface of one of its walls to such material in a direction to deflect such material into said opening, whereby said conveyor and chute may be employed for handling either desired or undesired material.

1,569,039. TROLLEY CONTACTOR. RICHARD R. SCOGGAN, Jeffersonville, Ind. Filed Mar. 13, 1923. Serial No. 624,743. 13 Claims. (Cl. 246—252.)

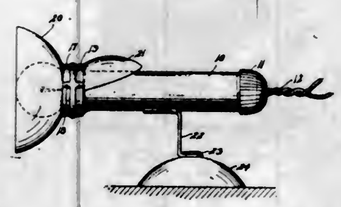


10. A device of the class described including an elongated insulating member for attachment to a trolley wire, a flexible insulated runway mounted below said member, and means for movably attaching both ends of the runway to the insulating member.

1,569,040. CORROSIVE-PREVENTING LIQUID COMPOSITION. CHESTER A. SEAGE, Harrisburg, Pa., assignor of one-fifth to John G. Hopwood, one-fifth to John M. Fletcher, one-fifth to James S. Carey, all of Harrisburg, Pa., and one-fifth to Frank M. Hunter, Lower Paxton Township, Dauphin County, Pa. Filed Oct. 31, 1924. Serial No. 747,136. 2 Claims. (Cl. 134—1.)

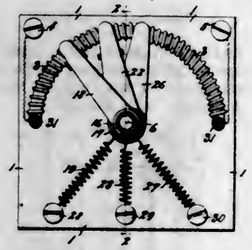
1. An adhesive liquid composition adapted to form a coating for battery terminals, wires and all corrodible battery parts comprising one to three pounds of ammonium stearate, three pounds of naphthalene powder, one to three quarts of ammonium hydroxide, and eight to ten gallons of water.

1,569,041. TROUBLE LIGHT. WILLIAM C. SHAY, Jamestown, N. Y. Filed Mar. 2, 1925. Serial No. 12,767. 4 Claims. (Cl. 240—8.18.)



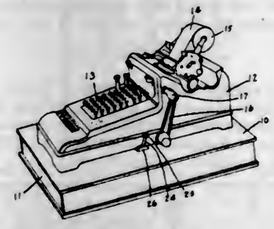
1. A trouble light, an incandescent lamp included in the forward end portion, electric conducting means included in the opposite end portion thereof, attaching means included upon the lower side of the lamp casing, and a reversible reflecting means included upon the forward end portion of the lamp casing.

1,569,042. POTENTIOMETER. DAVID HARRISON SHERIFF, Jr., Kansas City, Mo. Filed Mar. 5, 1923. Serial No. 622,936. 2 Claims. (Cl. 201—55.)



2. In a multiple potentiometer, a base, a resistance element associated with the base, a plurality of concentric spindles with operating knobs and contact fingers, the latter engaging said resistance element, terminal posts to which the ends of said resistance element are connected, and terminal posts to which said fingers are respectively connected.

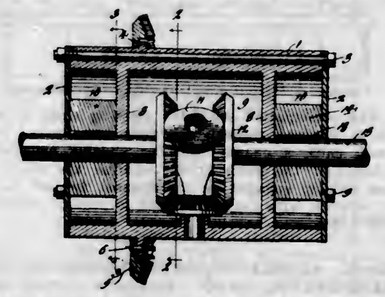
1,569,043. COMBINATION MACHINE STAND AND DRAWER. JOSEPH R. SHOWERS, Shelbyville, Ind., assignor, by direct and mesne assignments, to Indiana Cash Drawer Company, Shelbyville, Ind., a Corporation of Indiana. Filed Sept. 25, 1920. Serial No. 412,694. 5 Claims. (Cl. 235—22.)



2. A cabinet unit for supporting a crank handle operated register, said unit comprising a money-drawer and latching means therefor both within the cabinet, in combination with a readily removable plunger projecting through an opening in the top of the cabinet, said plunger arranged within the path of the crank handle to operate said means during the last part of the downward movement of the handle.

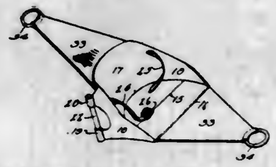
1,569,044. POSITIVE DRIVE. GLENN D. SMITH and WILBUR F. EARHART, Pontiac, Mich. Filed Aug. 23, 1924. Serial No. 733,822. 3 Claims. (Cl. 74—100.)

1. In a differential mechanism of the class described, a differential housing, a gear on the exterior of the differential housing, a pair of partitions disposed in spaced relation to each other within the housing to form a central compartment and two end compartments, axles extending into the housing and terminating within the central compartment, differential gears on the inner end of the axles, a differential spider mechanism within the central compartment and mounted on the housing and in cooperative association with the differential gears, a block keyed to each axle and disposed within the corresponding end compartments and provided with a pair of oppositely disposed cam surfaces, and rollers on the cam surfaces adapted to be wedged



therebetween and the housing upon the spinning of the associated axle all in the manner and for the purpose specified.

1,569,045. CHILD CARRIER. ELLA H. SOMMER, Sioux City, Iowa. Filed Apr. 9, 1925. Serial No. 21,830. 1 Claim. (Cl. 155—67.)



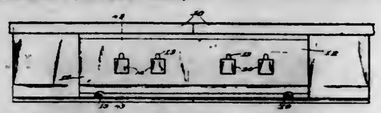
In a child's seat, a seat member, a back and sides formed of a sheet of fabric secured to the edge of the seat member on three sides thereof, handles secured to the upper edges of the sides, and fastening devices on the back and on the bottom member to which may be secured hammock extensions.

1,569,046. RESILIENT WHEEL. JOHN A. STAHLE, Boston, Mass., assignor to Stahle Mechanical Tire Co. Ltd., Boston, Mass., a Corporation of Maine. Filed Feb. 1, 1922, Serial No. 533,447. Renewed June 2, 1925. 6 Claims. (Cl. 152—28.)



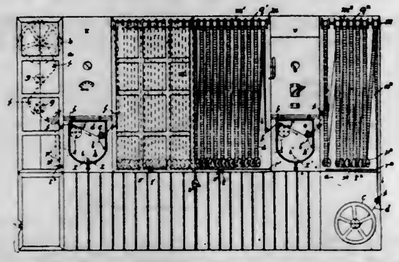
1. In a wheel, the combination with an inner hub member, of an outer tire-receiving member, a plurality of load-transmitting members pivoted at their inner ends to the hub member, a plurality of levers pivoted to the outer member, springs acting on said levers, a link pivotally connecting each load-transmitting member to the outer tire-receiving member and another link connecting each load-transmitting member to one of the levers.

1,569,047. RAIL JOINT. SANDFORD FELIX STANTON, Lockland, Ohio. Filed Feb. 4, 1925. Serial No. 6,738. 3 Claims. (Cl. 238—251.)



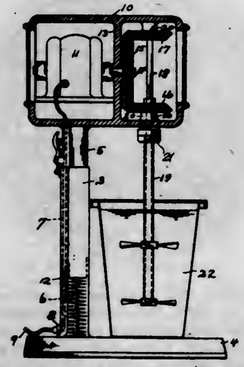
1. The combination with the meeting ends of rails, of bolts disposed through the rails and having heads on both ends, a channel member slidably engaged on the heads of the bolts at one side of the rails, and means slidably engaged on the channel member in covering relation with respect thereto to prevent movement of the latter.

1,569,048. APPARATUS FOR REGENERATING CINEMATOGRAPHIC FILMS. FRIEDRICH JOHANN JACOB STOCK, Munich, Germany. Original application filed Apr. 24, 1923, Serial No. 634,249. Divided and this application filed Oct. 4, 1924. Serial No. 741,781. 3 Claims. (Cl. 91—45.)



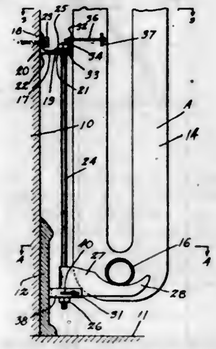
1. An apparatus for regenerating worn film bands comprising in combination a casing having two compartments for the treatment of the emulsion side and of the base side respectively of the film, a drying chamber after the first compartment and a vapor chamber after the second compartment, positively moved conveyers within each of the said chambers to convey the film band in a number of worm-like advancing independent loops, and means to positively and automatically advance the film through the apparatus.

1,569,049. DRINK MIXER. ALBERT STUFFLEBEAM, Paris, Ark. Filed Aug. 11, 1924. Serial No. 731,382. 1 Claim. (Cl. 259—132.)



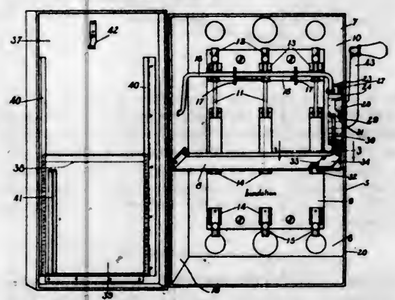
In a drink mixer, a base for supporting the receptacle in which the liquid is to be mixed, a telescopic standard mounted thereon, an elongated casing mounted thereon, said casing being divided by a partition wall having a bearing, a motor on one side of said partition, bearings on the upper and lower side of the casing and on the other side of the partition, concentric shafts journaled in said bearings, agitator blades upon said shafts, and means to drive said shafts in opposite directions simultaneously.

1,569,050. RADIATOR HANGER. HENRY A. SWARTZ, Jr., Minneapolis, Minn., assignor to Thomas O'Connell, Sr., St. Paul, Minn. Filed July 14, 1923. Serial No. 651,620. 4 Claims. (Cl. 248—17.)



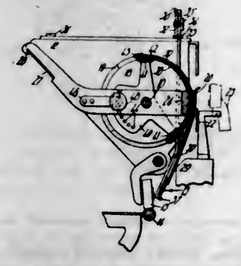
1. A radiator hanger comprising an angular support, having two legs of unequal length, a bolt passing through one of said legs for clamping the same against a wall, a rod hung from the other of said legs, a radiator supported at its lower portion from said rod, a separate clip having two arms extending angularly with respect to each other positioned upon said support and held in place by said rod and a bolt slidably connected to said clip for holding the upper portion of the radiator in place.

1,569,051. SAFETY SWITCH BOX. DAVID T. WADSWORTH, Cold Springs, Ky., assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky., a Corporation of Kentucky. Filed Feb. 11, 1925. Serial No. 8,534. 5 Claims. (Cl. 200—50.)



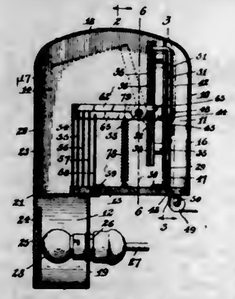
1. In a device of the class described the combination with a switch box of an apertured interior wall in the box for providing a pair of compartments therein, a cover member forming a closure for the box and having an aperture therein for providing access to one of the compartments, a panel slidably mounted upon the cover member for closing the aperture therein, an elongated rib carried by the panel and adapted to pass through the aperture in the interior wall when the panel is moved along its slidable mounting, and means mounted upon the interior wall and contained within the second compartment for closing the aperture in said interior wall.

1,569,052. TYPEWRITING MACHINE. JOHN WALDHEIM, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed June 17, 1925. Serial No. 37,647. 6 Claims. (Cl. 197—135.)



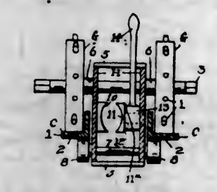
1. The combination with a typewriting machine, a carriage, a platen-frame borne by said carriage, a platen-shaft and a line-spacing mechanism therefor, of a stationary platen-strip mounted on said platen-shaft, and means controlled by said line-spacing mechanism for line-spacing a stiff work-sheet in front of the platen-strip.

1,569,053. AUTOMOBILE SIGNAL. FREDERICK M. WALZ and CHARLES J. WALZ, Buffalo, N. Y. Filed Apr. 28, 1924. Serial No. 709,462. 18 Claims. (Cl. 116—45.)



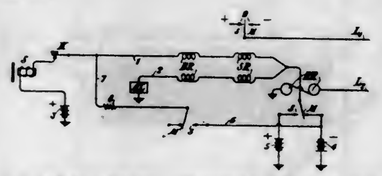
1. An automobile signal having a plurality of signaling elements arranged one in front of another, a reciprocating actuating element to successively engage said signaling elements, and a single manipulating element for actuating said reciprocating actuating element for selectively displaying any of said signaling elements.

1,569,054. RODDING MACHINE. WILLIAM G. WARNER, Pittsburgh, Pa. Filed Oct. 13, 1922. Serial No. 594,417. 10 Claims. (Cl. 175—376.)



1. For use in a manhole for inserting push rods into or withdrawing them from a conduit communicating with said manhole, a rodding machine characterized by the combination of a portable carriage adapted to be moved in said manhole in alinement with said conduit, means for moving said carriage, and means mounted on said carriage for engaging the duck rods for pushing or pulling the same, substantially as described.

1,569,055. TELEGRAPH CIRCUIT. ALLAN WEAVER, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Jan. 19, 1924. Serial No. 687,362. 3 Claims. (Cl. 178—2.)



1. A telegraph system comprising a receiving relay, an armature therefore, marking and spacing contacts associated with said armature, marking and spacing batteries associated with said contacts, a branched loop circuit connected to said armature, windings in each branch of said loop circuit of a polar break relay and of a polar sending relay, an armature for said break relay, marking and spacing contacts for said break relay, means for connecting the armature of said break relay to the upper branch of said loop circuit, and means for connecting the spacing contact of said break relay to the marking battery of said receiving relay.

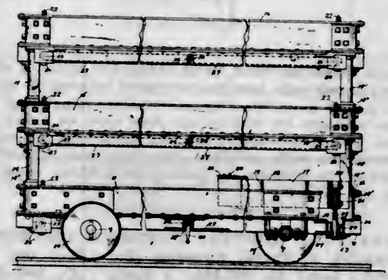
1,569,056. COLORED PATENT LEATHER AND PROCESS OF MAKING THE SAME. WILLIAM C. WELCH, Newton, Mass., assignor to Snyder Welch Process Corporation, Boston, Mass., a Corporation of Massachusetts. Filed July 8, 1925. Serial No. 42,173. 18 Claims. (Cl. 91—71.)



1. In a method of making colored patent leather, the steps comprising applying to the leather successive coatings of japanner's varnish to form patent leather, and applying and firmly affixing in the surface of one of said coatings a thin layer of powdered color to impart to the patent leather the general appearance of a continuous sheet of the color.

10. As a new article of manufacture, a colored patent leather comprising ordinary patent leather having a thin layer of powdered color firmly affixed on the surface of the coating and a transparent protective layer covering the color layer.

1,569,057. CONCRETE-MOLDING MACHINE. ARTHUR WHITE and JACOB J. MOHR, Sheboygan Falls, Wis. Filed May 1, 1925. Serial No. 27,191. 12 Claims. (Cl. 25—121.)



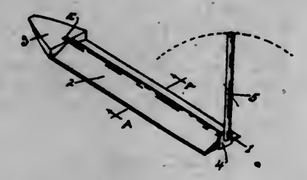
1. A molding machine, comprising a frame, a plurality of mold and core members removably mounted thereon, a second frame removably mounted on the first frame, a plurality of mold and core members removably mounted on the second frame, and means on the frames for elevating the mold and core members.

1,569,058. SHEET BINDER. GEORGE P. WIGGINTON, Kalamazoo, Mich., assignor to Kalamazoo Loose Leaf Binder Co., Kalamazoo, Mich. Filed May 28, 1925. Serial No. 33,434. 8 Claims. (Cl. 129—1.)



8. In a binder, the combination of sheets, covers, post bars provided with sheet engaging posts, said covers and post bars being provided with co-engaging members whereby the bars are removably secured within the covers, and non-releasable means for permanently connecting said bars.

1,569,059. CRATE-LID REMOVER. JOHN R. WOOD, Wichita, and DAVID C. WOOD, Liberal, Kans. Filed June 6, 1925. Serial No. 35,419. 3 Claims. (Cl. 254—21.)



1. In a crate lid remover, a bar having a pointed nose on one end, a blade trunnioned longitudinally on said bar, a lever integral with said blade for reciprocating the latter, for the purpose shown and described.

1,569,060. TRACK HANGER. WILLIAM F. WRIGHT, Lisbon, Ohio. Filed Aug. 28, 1924, Serial No. 734,711. Renewed Dec. 2, 1925. 9 Claims. (Cl. 104—111.)



4. A hanger including strips having bolt receiving openings, opposed angle members interposed between the strips and having beam engaging jaws, means connecting the angle members for binding the jaws upon an interposed beam, and means connecting the strips and extending between the angle members and under said connecting means of the members for holding the members assembled with the strips.

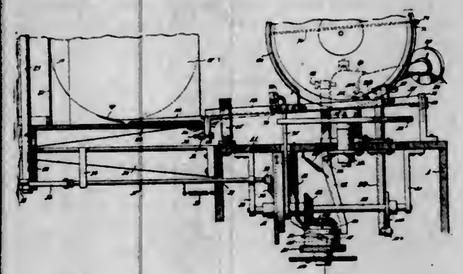
1,569,061. SANITARY TOOTHPICK DISPENSER. CHARLES L. YOUNG, Richmond, Ind. Filed Oct. 29, 1923. Serial No. 671,585. 1 Claim. (Cl. 206—21.)

A tooth pick holder and dispenser, comprising in combination, a container having an open upper end and adapted to contain tooth picks standing on end therein, a cap for the open end of the contaner, said cap being dome-shaped with an exit aperture formed through the center thereof, a pair of ears secured to the surface of the cap and near the periphery thereof, a pivot connecting said ears, a closure disc having a cavity in its lower face, a pad secured in said cavity, an arm rigidly secured to the edge of the disc with its opposite end located



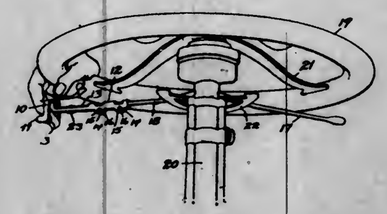
between said ears and rotatably mounted on said pivot, a lug forming an outward projection of said arm to prevent the arm from turning outward beyond vertical position, said pad being adapted to rest on the surface of the cap and close said aperture, all substantially as set forth.

1,569,062. RECORD-MANIPULATING MECHANISM FOR PHONOGRAPHS. CORBAN H. ZILME, Detroit, Mich. Filed Jan. 26, 1924. Serial No. 688,692. 11 Claims. (Cl. 274—10.)



11. Means for manipulating a record relative to a phonograph having a record holder and an adjustable tone arm, said means comprising a tiltable and rockable trough adapted to receive a record on edge and lay said record on said holder, means connecting said trough to said tone arm so that said tone arm may be adjusted in timed relation to the manipulation of the record, and means in said phonograph adapted for tilting and rocking said trough in timed relation to the operation of said phonograph.

1,569,063. AUTOMOBILE CONTROL-LEVER ATTACHMENT. RALPH A. ZOLLA, Revere, Mass. Filed July 13, 1922. Serial No. 574,849. 6 Claims. (Cl. 74—39.)



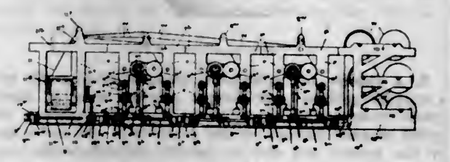
1. An attachment of the character described having rounded finger forms adapted to be positioned near the rim of a steering wheel so as to be actuated by the fingers of the operator without removing the hand from said rim, and pair of emergency shoulders integral therewith.

1,569,064. WEB-TREATING MACHINE. CHARLES E. ARCHBALD, New Brunswick, N. J. Filed July 9, 1923. Serial No. 650,230. 5 Claims. (Cl. 271—2.1.)



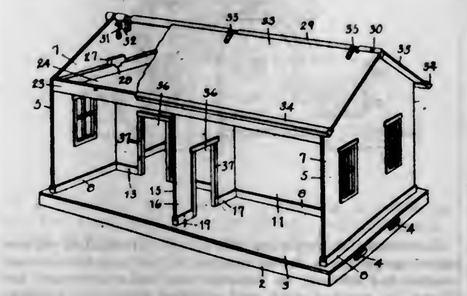
1. A web controlling device for web-treating machines comprising a flexible member, means for bowing it and means supporting the two ends of the member for independent universal adjustment.

1,569,065. WEB-PRINTING PRESS. HENRY F. BECHMAN, Battle Creek, Mich., assignor to Duplex Printing Press Company, Battle Creek, Mich., a Corporation of Michigan. Filed Jan. 17, 1925. Serial No. 3,163. 13 Claims. (Cl. 270—5.)



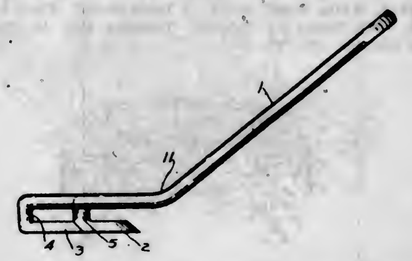
1. In a printing press, a plurality of similar printing units and a folder unit; each of said units having a similar base frame whereby the said units are interchangeable in position and may be arranged in any desired relation.

1,569,066. KNOCKDOWN TOY BUILDING. JOHN W. BEIGER, Ludington, Mich., assignor to The Carrom Company, Ludington, Mich. Filed Apr. 4, 1925. Serial No. 20,672. 10 Claims. (Cl. 46—37.)



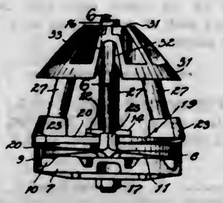
2. In a toy of the class described, the combination of a base, end walls having upwardly tapered upper edges with notches in the apex thereof and longitudinal and transverse partition walls, a ceiling member disposed between said end walls above said partitions, said end walls having supporting blocks for said ceiling member and centrally disposed positioning blocks engaging the top of said ceiling member, said ceiling member being notched to receive said positioning blocks, downwardly projecting base engaging pins on said walls, the pins on said end walls being headed, said base having key-hole slots therein coacting with said headed pins, said longitudinal partition wall constituting locking means for said end walls, said transverse partition walls having pins engaging said ceiling member, a roof comprising a center rod notched to engage said notches in said end walls and constituting a tie member therefor and roof members hinged to said rod, and coacting hooks and eyes on said rod and end walls whereby the room is detachably secured in position.

1,569,067. BRICKLAYER'S JOINTER. CHARLES BELKNAP, Burlington, Wash. Filed Apr. 21, 1925. Serial No. 24,718. 3 Claims. (Cl. 72—188.)



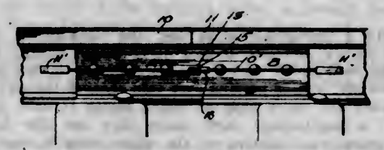
1. In a tool of the class described two rectangular shaped shoes arranged so that one follows the other, each of said shoes having beveled toes and one of said toes being curved on one corner and the other on the opposite corner, a handle for supporting the said shoes and means on said handle for limiting the distance the said shoes may extend into a groove or the like.

1,569,068. EARTH ANCHOR. JASPER BLACKBURN, Webster Groves, Mo. Filed June 23, 1924. Serial No. 721,929. 5 Claims. (Cl. 189—92.)



5. An anchor comprising a base, expanding blades mounted on the base, an anchor rod secured to the base, a conical member mounted on the anchor rod, and connections between the conical member and the expanding blades whereby said blades are expanded when the conical member is moved toward the base.

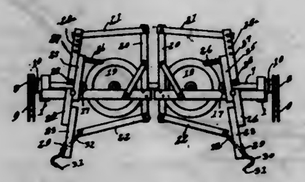
1,569,069. RAIL BOND. JAMES F. BROWN, Lookout, Ky., assignor of one-half to J. E. Belcher, Lookout, Ky. Filed May 2, 1922. Serial No. 558,008. 1 Claim. (Cl. 173—262.)



As an article of manufacture, a rail bond comprising a pair of conducting cables, one end of each of the cables having an elongated angular block formed with a laterally extending lug, the other end of one of the cables having a cylindrical body secured thereto and extending longitudinally therefrom, said body having a

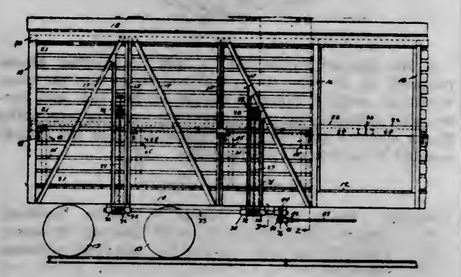
tapered bore extending inwardly from its outer end and a laterally extending opening communicating with the bore, the other end of the other cable having a plug secured thereon, the external contour of which is in correspondence with said tapered bore.

1,569,070. AUTOMATIC BLOCKING HOE. JESSE A. CAIN, Bend, Oreg., assignor to Beet Machinery Company, Walla Walla, Wash., a Partnership. Filed Dec. 1, 1921, Serial No. 519,068. Renewed Mar. 16, 1925. 2 Claims. (Cl. 97—13.)



1. In a cotton chopper, a frame, driving wheels attached to said frame, a line shaft mounted on the front end of said frame, means to drive the line shaft from the driving wheels, an operating mechanism consisting of a frame hingedly mounted on and extending rearward from the line shaft, and having a main shaft journalled in the frame carrying a fly wheel, and terminating forward of the frame in a bevel pinion, a counter shaft journalled in the frame and terminating rearwardly in a crank, and eccentric gears mounted on said main and counter shaft in operable contact, a bevel gear mounted on the line shaft and positioned in operable contact with said bevel pinion, a yielding hoe lever attached to said crank and carrying a hoe at its lower end, and means to raise or lower the rear end of said frame in a vertical plane about said line shaft.

1,569,071. CONVERTIBLE STOCK CAR. RAY C. CHISAM, The Dalles, Oreg. Filed Mar. 25, 1925. Serial No. 18,094. 2 Claims. (Cl. 105—370.)



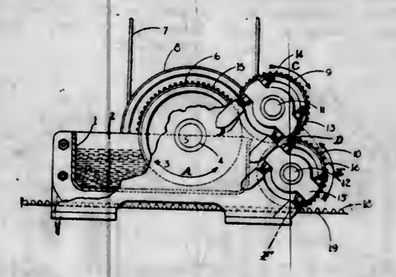
1. In a convertible stock car, the combination of a stock car; a centrally divided upper deck normally resting on said lower deck; sheaves mounted in the sides of said car; chains passing over said sheaves through the car sides the inner ends of which fasten to said upper deck; a longitudinal shaft under each car side frame and under each section of the upper deck having the outer end of said chains wound thereon; a worm wheel on each of said longitudinal shafts; a transverse shaft under said car; worms on said transverse shaft meshing with said worm wheel; reversible ratchets on said transverse shafts; and means for supporting said upper decks on said lower decks independently of said chains or car sides.

1,569,072. CLOSURE FOR RECEPTACLES. FREDERICK C. CLEMENT, Philadelphia, Pa. Filed Apr. 1, 1925. Serial No. 19,789. 6 Claims. (Cl. 215—52.)



1. A closure for receptacles comprising a grasp and a stopper portion, said stopper portion being of taper-spiral cross-section, and means laterally bracing the spiral stopper portion to the grasp with the outer end of the former left free to permit circumferential contraction whereby the closure is snugly fitted into the receptacle mouth.

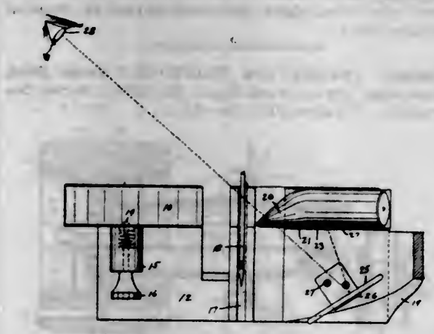
1,569,073. MEANS FOR APPLYING SILICATE TO CORRUGATED STRAWPAPER. CHARLES EVERETT COLGROVE, Toronto, Ontario, Canada. Filed Oct. 11, 1923. Serial No. 667,887. 1 Claim. (Cl. 91—50.)



In means for applying silicate to corrugated strawpaper comprising a driver dipping roller, and a tank containing the silicate, an intermediate roller receiving its silicate in contact with said dipping roller, an application and feed roller below said intermediate roller receiving its silicate in contact with the latter, gears rigidly secured to said rollers and intermeshing one with the other, and means providing a path through the machine under said feed and application roller for the passage of the corrugated paper and adapted to permit actuating engagement of the corrugations with the teeth of the gear on said feed roller.

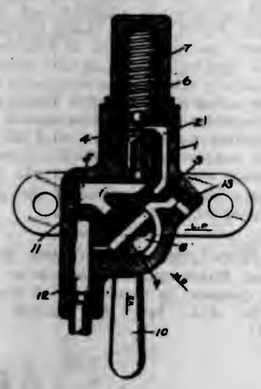
1,569,074. SHUTTLE. ALFRED F. COLLINS, Portland, and CHARLES MCGINLEY, Oswego, Oreg. Filed Sept. 10, 1923. Serial No. 661,756. 2 Claims. (Cl. 88—1.)

1. The combination of a longitudinal shuttle member having an aperture in its rear side with a longitudinal bobbin member in said shuttle having its open side visible through said aperture and a stationary mirror behind said shuttle arranged to reflect the image of said shuttle



to the eye of the operator in a manner to disclose the amount of thread on said bobbin within the shuttle while in motion.

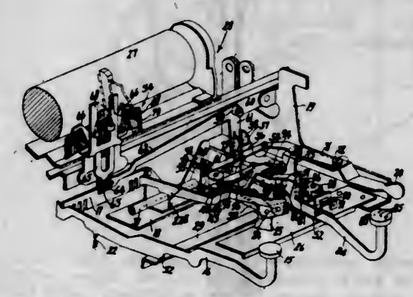
1,569,075. FLUID-PRESSURE BRAKE. WILLIAM E. DEAN, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Feb. 24, 1925. Serial No. 11,033. 3 Claims. (Cl. 303—79.)



1. A retaining valve device comprising a retaining valve and a manually operated valve for controlling communication from the brake cylinder through said retaining valve device and having a position for venting fluid from the brake cylinder through a restricted passage directly to the atmosphere.

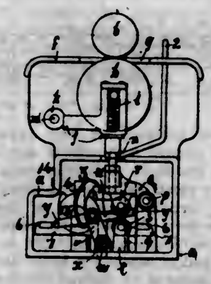
1,569,076. TYPEWRITING MACHINE. WILLIAM A. DONSON, Bridgeport, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 12, 1922. Serial No. 606,363. 15 Claims. (Cl. 197—88.)

13. In a typewriting machine having a letter-feeding carriage, type-operating keys, a universal bar operated by said keys and controlling the carriage, ribbon-vibrating mechanism operable by said universal bar, bichrome mechanism settable for different throws of the ribbon-vibrator, a silent key non-operative upon the universal bar, and means for enabling said silent key to operate said ribbon-vibrator at the different positions to which said bichrome mechanism is set, said vibrating mechanism including a lever operable by said universal bar, a link connected to move idly with said lever during the operation of



said type-operating keys, and means to enable the silent key to actuate said link and thereby operate said lever to vibrate the ribbon.

1,569,077. MEANS FOR GUIDING FABRICS INTO STENTERING AND OTHER MACHINES. GEORGE DURRANT, Fairfield, Manchester, England. Filed Oct. 14, 1924. Serial No. 743,542. 4 Claims. (Cl. 26—66.)



1. Cloth guiding apparatus, comprising a stationary driving roller, a pressure roller aranged below the driving roller, a pivoted frame supporting the pressure roller, a pivoted lifting lever provided with an adjusting device which bears on the underside of the said frame and regulates the height of the pressure roller, a pivoted feeler which bears against one edge of the cloth, and means for automatically raising and lowering the said lifting lever controlled by the said feeler and operating to place the cloth into and out of contact with the driving roller.

1,569,078. MEANS FOR MAINTAINING A RESERVE IN FUEL TANKS. MURRAY S. ELTON and GEORGE EDWARD BARNHART, Pasadena, Calif. Filed Apr. 28, 1925. Serial No. 26,554. 6 Claims. (Cl. 158—46.5.)

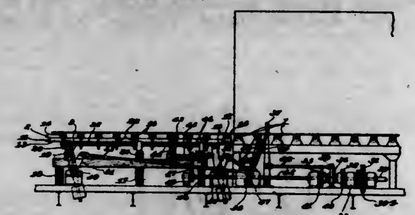
1. In combination with a tank, an outlet fitting in the bottom of said tank, a tube extending into said tank and into said fitting, said tube having a port therein above the bottom of said tank; said tube having a second port

therein, said second port being positoned within said fitting; means to adjust said tube to open said second port to drain the tank; a ring on said tube; and a



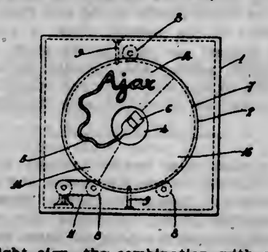
spring catch rising from said outlet fitting and adapted to engage said ring to hold said tube in adjusted position.

1,569,079. APPARATUS FOR CRACKING OFF AND HANDLING CONTINUOUSLY-FORMED SHEET GLASS. ALBERT E. EVANS, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed Mar. 18, 1925. Serial No. 16,423. 12 Claims. (Cl. 49—48.)



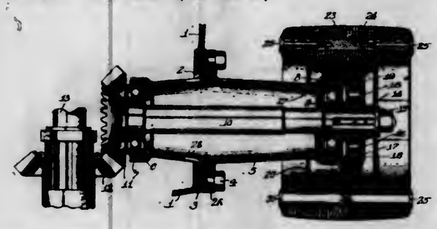
1. Apparatus for cracking off and handling sections of a continuously formed horisontally moving glass ribbon, transversely scored to facilitate cracking off, comprising a table for receiving and supporting a glass section mounted for vertical movement so that it may be lowered below the level of the continuously formed ribbon causing the section upon the table to crack away from the ribbon and a secondary table below the level of the first table adapted to receive the cracked off section when the first table is lowered and provided with rolls mounted for rotation in planes at right angles to the line of movement of the ribbon.

1,569,080. LIGHT SIGN. ERIK ARTUR FAGERLUND, Stocksund, Sweden. Filed Apr. 23, 1924. Serial No. 708,592. 4 Claims. (Cl. 40—132.)



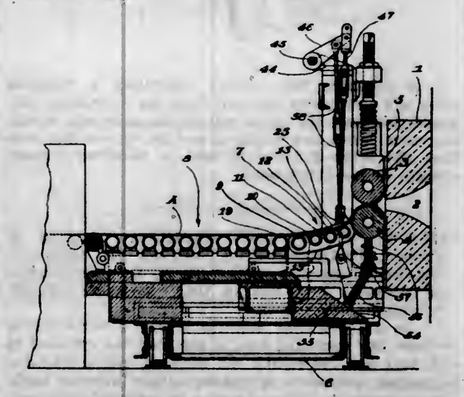
1. In a light sign, the combination with a stationary screen having translucent advertising signs, of a source of light, and a rotary disk located at the one side of said stationary screen and having a continuous translucent part and a continuous opaque part, said parts having the form of two complementary sectors, so as to alternately uncover and cover, when rotated, said translucent advertising signs, said signs having the form of a sinuous band.

1,569,081. PULLEY FOR TRACTORS. HENRY FORD, Dearborn, Mich. Filed Mar. 26, 1919. Serial No. 285,255. 1 Claim. (Cl. 74—7.)



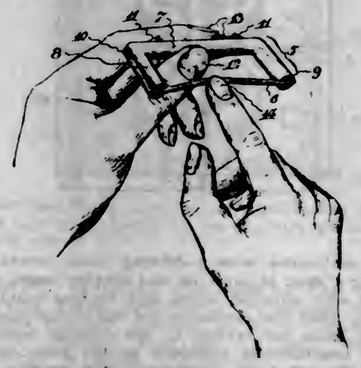
In a pulley attachment for a tractor forward of the rear axle assembly and independent thereof, which tractor includes a transmission housing containing a power take-off gear in spaced relation to the housing wall, and a pulley adapted to be suported outside of the housing and driven by a shaft from said power take-off gear, a bearing casing for said shaft solely supported from said transmission housing, said bearing casing having an intermediate peripheral flange attached to said housing wall and long and short portions with the short portion extending into the housing and provided with lubricant receiving openings adjacent said flange, and the long portion of said bearing casing protruding from the housing wall, the long portion of said casing being proportioned so that any torsion of said shaft is transmitted to the ends of said bearing casing and from there to said housing to prevent binding at said take-off gear, anti-frictional bearings in the extreme ends of said bearing casing, said bearing casing and said anti-frictional bearings solely supporting said shaft and affording a lubricant chamber communicating with the interior of said transmission housing by virtue of the openings in said bearing casing adjacent said flange.

1,569,082. APRON FOR PLATE-GLASS MACHINES. JOHN H. FOX, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed Jan. 22, 1924. Serial No. 687,704. 7 Claims. (Cl. 49—33.)



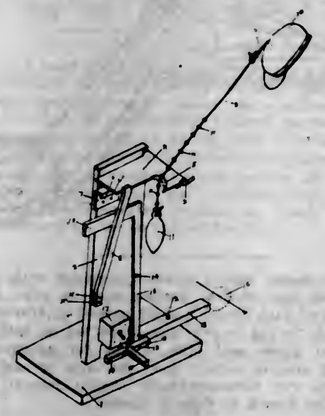
1. In combination with apparatus for continuously withdrawing a plastic sheet or ribbon of glass from a tank, including a pair of forming rolls, of a table for receiving the continuously formed sheet below the pass between the rolls, an apron intermediate the forming rolls and table mounted for swinging movement about its end adjacent the table, and means for supporting the apron at various angles of adjustment.

1,569,083. MANICURING IMPLEMENT. ANNA E. FREY, Philadelphia, Pa. Filed May 22, 1925. Serial No. 31,995. 3 Claims. (Cl. 132—73.)



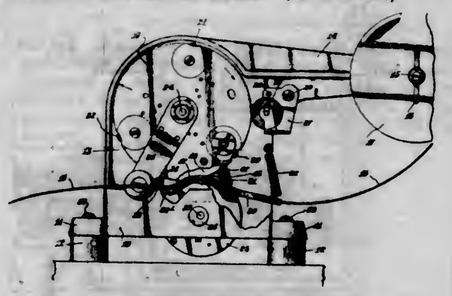
1. A manicuring implement consisting of a rectangularly configured bow having aligned grooves in the ends with relatively narrower kerfs in the angular corners thereof, and a length of twined absorbent-cotton stretched across the aforesaid grooved ends with its terminal parts gripped in the kerfs.

1,569,084. GOLF PRACTICING AND TRAINING DEVICE. WILLIAM J. GOLDSWORTHY, San Francisco, Calif. Filed May 16, 1923. Serial No. 639,291. 21 Claims. (Cl. 273—35.)



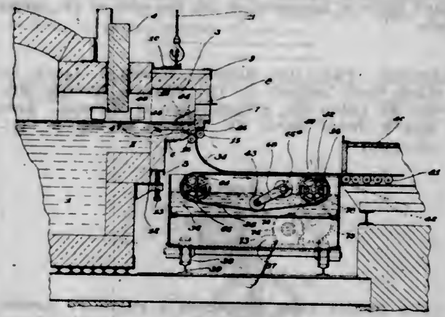
2. In a golf training and practicing device, in combination, an elongated pliable member provided at one end with an engaging means detachably connecting with the head-wear of the player, a tensing means connected to the said elongated pliable member and exerting therethrough a continual forward and downward pull on the head of the player, a movable stop-and-release actuated by the said tensing means in the upward and backward movement of the head of the player and a supporting means carrying the said movable stop-and-release and permitting the movement thereof.

1,569,085. TICKET-PRINTING MACHINE. WILLIAM H. HEYNE, Jr., Passaic, N. J. Filed Dec. 6, 1923. Serial No. 678,881. 15 Claims. (Cl. 101—97.)



1. A ticket printing machine embodying therein a printing couple, one of the members of which is provided with a plurality of spaced printing elements, each of said elements including therein a sequence of independently adjustable character wheels, means whereby some of the character wheels upon one of said elements may be automatically and progressively actuated, and the other member of which consists of a rotatable impression cylinder, means whereby said printing element carrying member may be continuously rotated, intermittently operative gearing between said last named member and the other member of the printing couple, whereby the impressions by the elements upon said other member may be brought closely together, and means for directing a strip into the printing relation between said members.

1,569,086. APPARATUS FOR MAKING SHEET GLASS. HALBERT K. HITCHCOCK, Pittsburgh, Pa., assignor of one-half to Hitchcock Experiment Company, a Corporation of New Jersey. Filed Dec. 8, 1923. Serial No. 679,347. 12 Claims. (Cl. 49—88.)

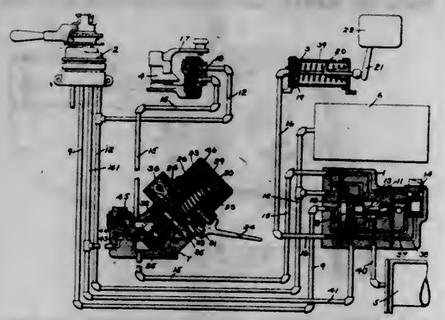


1. In apparatus for forming sheet glass, a glass container adapted to carry a bath of molten glass and having a dowawardly directed outlet slot through which a continuous sheet or ribbon is adapted to discharge by gravity, a laterally extending endless belt of woven fabric in position to receive the ribbon, and a cooling bath through which the belt is passed.

1,569,087. FLUID-PRESSURE BRAKE DEVICE. JOHN HUMM, Houston, Tex., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Jan. 22, 1924. Serial No. 687,858. 5 Claims. (Cl. 303—19.)

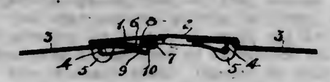
1. In a safety car control equipment, the combination with a safety control pipe, a valve for controlling com-

munication through said pipe, and a piston operated by fluid under pressure for operating said valve, of foot



controlled means for also operating said valve, said means being operatively connected to said valve at a point intermediate the valve and the piston.

1,569,088. BUCKLE. ERNEST N. HUMPHREY, New Britain, Conn. Filed Nov. 18, 1924. Serial No. 750,548. 2 Claims. (Cl. 24—75.)



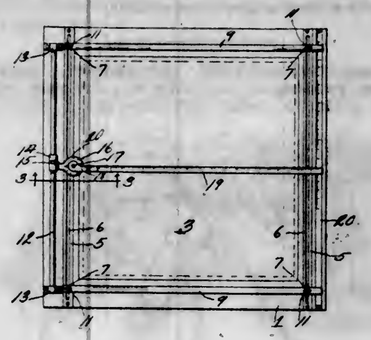
1. In a buckle of the character described, two plates, a spring plate secured to one of said plates, and located wholly to the rear thereof, said spring plate having its forward edge free, an interlocking shoulder at the free edge of said spring plate, an interlocking shoulder on the other plate adapted to be passed between the interlocking shoulder on the spring plate and the adjacent rear surface of the plate carrying the same for interlocking engagement, and means for limiting the outward range of movement of the free edge of the spring plate.

1,569,089. FRICTION HINGE. JOSEPH J. JANCA, St. Louis, Mo., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo., a Corporation of Missouri. Filed May 5, 1924. Serial No. 711,299. 2 Claims. (Cl. 16—140.)



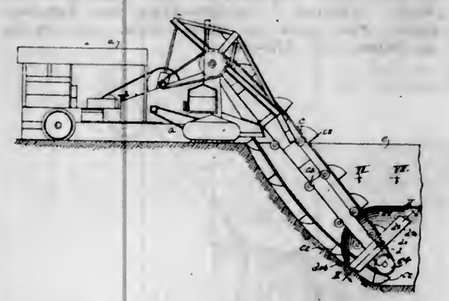
1. A friction hinge comprising a stationary member composed of rigid spaced flanges one of which has a threaded hole and the other of which has a hole of larger diameter and in alinement with the threaded hole, a movable member between said flanges, a plate between the flange having the larger hole and said movable member, said movable member and said plate having holes in alinement with the holes in said flanges, and said plate being arranged to make contact with the movable member substantially throughout the area of the plate, a clamping screw passing through said larger hole and through the holes in said plate and the movable member and engaging the hole in the other flange and forming a pivot upon which said movable member turns, and an enlarged cylindrical portion on said screw in said larger hole arranged to press against the plate and to impinge the same against the side wall of the movable member.

1,569,090. DRAFTING BOARD. FRED D. JOHNSON, Moline, Ill. Filed June 23, 1924. Serial No. 721,885. 1 Claim. (Cl. 33—76.)



The combination with a drawing board, means for clamping a sheet of paper on said drawing board, of a straight edge extending across said drawing board, an upwardly offset disc carried by one end of said straight edge, a guide bar carried by the drawing board, a bracket longitudinally adjustable on the guide bar, a downwardly offset disc carried by said bracket, and means pivotally connecting said discs and operable to secure them together in adjusted position.

1,569,091. DIGGING MACHINE. WILLIAM P. KEAN, Detroit, Mich. Filed Aug. 19, 1925. Serial No. 51,237. 3 Claims. (Cl. 37—87.)



1. In a digger, having a boom provided with a conveyor chain and buckets passing over an idler at the lower end of said boom, a shaft extending transversely across, and resting in bearings supported by said boom at a point above said idler, means for rotating said shaft, and arcuate cutters upon the ends of said shaft adapted to cut correspondingly shaped lateral extensions of the trench to form a tunnel.

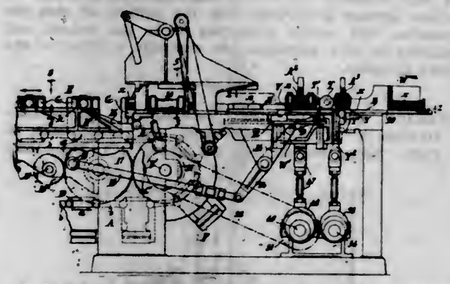
1,569,092. COMPRESSION-SLEEVE SEAL. JOHN B. KEATING, Piedmont, Calif., assignor to Byron Jackson Pump Mfg. Co., Berkeley, Calif., a Corporation of California. Filed Oct. 5, 1922. Serial No. 592,547. 1 Claim. (Cl. 286—7.)

In a deep well turbine pump, the combination in each set of one inner and one outer casing with one impeller housed between, the inner casing of each set formed with a central bore and counterbore and with a concentric offset shoulder at the base of said inner casing, a shaft for the bore and a sealing sleeve of rubber for the counterbore, and a plate adapted to seat in the said



offset shoulder and compress the sleeve around the shaft, and said plate having an opening through which the shaft extends.

1,569,093. MACHINE FOR MAKING CAN BODIES. PETER KRUSE, Brooklyn, N. Y., assignor to E. W. Bliss Company, Brooklyn, N. Y., a Corporation of West Virginia. Filed Mar. 13, 1925. Serial No. 15,266. 8 Claims. (Cl 113—10)



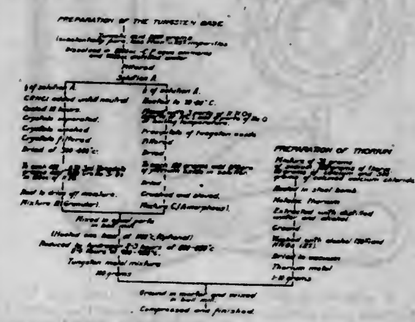
1. In a body making machine comprising a horn, means for wrapping the blank around the horn, and means for soldering the overlapping edges, the combination therewith of means for preliminarily bending the flat blank for a zone extending beyond its lap seam to either side toward its middle to a curve conforming approximately to the curve of the corresponding portion of the horn, whereby to ensure that the completed body will have a contour in cross-section conforming closely around its circumference to the contour of the horn.

1,569,094. DRAWER PULL AND WINDOW LIFT. GEORGE B. KURTZON, Chicago, Ill., assignor to Garden City Plating and Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed June 7, 1924. Serial No. 718,503. 3 Claims. (Cl. 16—124.)



1. A drawer pull comprising a face plate provided with an elongated opening, a boxlike extension upon the rear of said plate providing a recess back of said opening, said extension being bored and threaded, and screws inserted through the rear of the drawer front and engaged in said threaded bores.

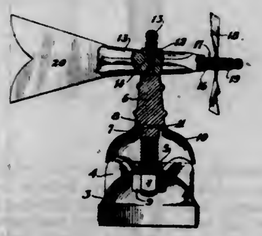
1,569,095. BODY OF HIGH ELECTRON AND LIGHT EMISSION AND PROCESS OF MAKING THE SAME. CLEMENS A. LAISE, Toledo, Ohio, assignor to The Electron Relay Company, Lucas County, Ohio, a Corporation of Ohio. Filed Nov. 21, 1923. Serial No. 676,007. 10 Claims. (Cl. 250—27.)



2. A composition of matter comprising a tungsten, thorium, and vanadium alloy, and finely divided particles of yttrium oxide interspersed throughout said composition, the tungsten comprising 90% or more, the thorium from 0.50 to 5.0%, the vanadium 0.50% or less and the yttrium oxide from 0.55 to 2.50% of the composition.

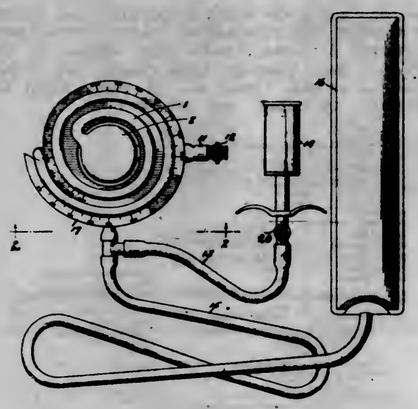
10. A process of producing refractory filamentary bodies which comprises compacting the constituent powders into a homogeneous coherent billet by combined heat and pressure, subjecting the billet to a heat-treatment, hammering said billet at a high temperature, forming a refractory oxide envelope thereon, ductilizing and annealing the oxide enveloped billet and then wire-drawing it to the desired diameters.

1,569,096. ORNAMENT FOR AUTOMOBILE RADIATORS. HENRY P. LONG, King City, Mo. Filed Jan. 7, 1924. Serial No. 684,831. 1 Claim. (Cl. 46—14.)



An ornament for automobile radiator caps having a plurality of spaced projections on its top and a central opening therein comprising a post having a reduced threaded end providing a shoulder, a hollow dome having a central aperture to receive the post, the central upper portion of the dome contacting with said shoulder and its bottom edge embracing and engaging said projections, said threaded portion traversing the opening in the cap and having a nut thereon engaging the underside of the cap, a vertical spindle extending from the top of the post, a horizontally swinging arm intermediately pivoted on the spindle, said arm having a vane at one end and a revoluble wheel at the other.

1,569,097. SPHYGMOMANOMETER. LUTHER B. MACKENZIE, New York, N. Y. Filed Aug. 10, 1923. Serial No. 565,698. 3 Claims. (Cl. 73—44.)



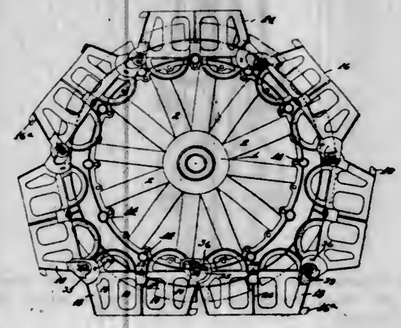
1. A sphygmomanometer comprising a spirally wound tube having a normally closed end lying at the center of the spiral, the opposite end of the tube being bent so as to underlie the normally closed end of the tube when the tube is held with the convolutions thereof lying in a horisontal plane.

1,569,098. DRIVE-WELL POINT. HARRY R. MARK, Chicago, Ill., assignor to Clayton Mark & Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 22, 1924. Serial No. 745,807. 3 Claims. (Cl. 166—7.)



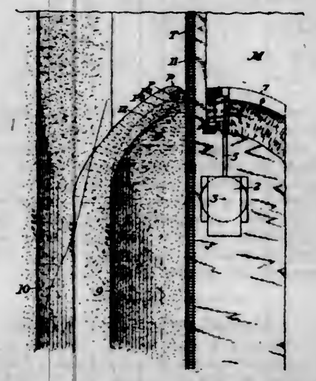
1. A drive-well point comprising a foraminated inner tube having a driving point, screen sections of fine mesh completely enveloping said inner tube and covering said foraminations, protective foraminated sleeve sections enveloping said screen sections, said screen sections and sleeve sections having substantially registering edges and a filling of solder lying in and covering the free edges of said screen and sleeve sections and firmly uniting the same together and to said inner tube.

1,569,099. CONVERTER ATTACHMENT FOR DRIVE WHEELS. ROYAL R. MILLER, Chicago, Ill., assignor to Miller Traction Tread Company, a Corporation of Delaware. Filed June 17, 1922. Serial No. 568,992. 11 Claims. (Cl. 305—6.)



5. The combination with a drive wheel, of an annulus mounted on each side thereof, means extending transversely of the drive wheel and connecting the annuli, a coaxial annular shoulder formed on each annulus, tread elements engaged over the annuli and adapted to roll on said shoulder and having depressions formed therein, helical springs projecting from the bottom of each depression, and means projecting from the annuli and engaged in said depression to transmit a drive to the tread elements.

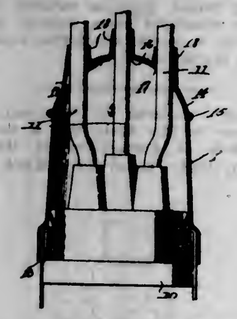
1,569,100. METHOD OF HANDLING MATERIAL. DONALD S. MULLIN, Pittsburgh, Pa. Filed Mar. 5, 1925. Serial No. 13,126. 9 Claims. (Cl. 214—152.)



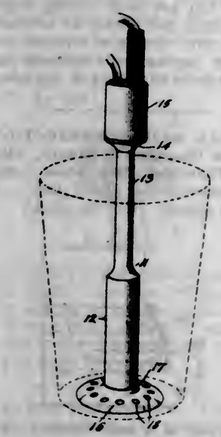
1. The method of handling material, comprising moving a stripping tool to a predetermined position, initially operating said tool to remove an upper bench of the material, carrying said material by the stripping tool laterally from the point of removal, and depositing said removed material from a point not higher than the point from which it was removed, substantially as described.

1,569,101. PROTECTOR FOR DISTRIBUTOR WIRES. JOHN PRESTON VAUGHN, St. Petersburg, Fla. Filed Sept. 23, 1924. Serial No. 739,329. 3 Claims. (Cl. 200—19.)

1. A protector for electric distributors, timers, and the like, comprising a molded flexible resilient sheath having one end open to receive the distributor or timer, and the other end closed, said closed end being provided with a plurality of outwardly projecting flexible resilient electric conduit receiving nipples.



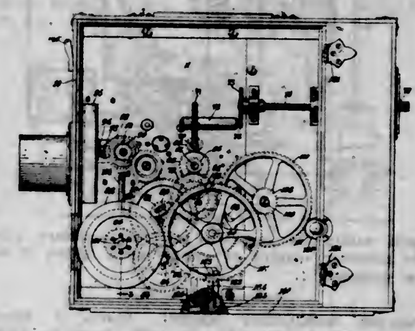
1,569,102. IMMERSION HEATER. ALONZO A. WARNER, New Britain, Conn., assignor to Landers, Frary & Clark, New Britain, Conn., a Corporation of Connecticut. Filed Nov. 6, 1923. Serial No. 673,969. 1 Claim. (Cl. 219—41.)



An immersion heater comprising an elongated casing for entirely enclosing a heating unit, and an annular plate fixedly attached to the foot of said casing, said plate having a diameter substantially greater than the diameter of the casing and curving outwardly and downwardly from the casing to serve as a stand to hold the heater upright in a receptacle and as a guard to hold the heater a safe distance away from a surface when laid on its side, the plate having a plurality of perforations which serve to facilitate immersion and aid in insulating the periphery of the plate from the heat generated in the casing.

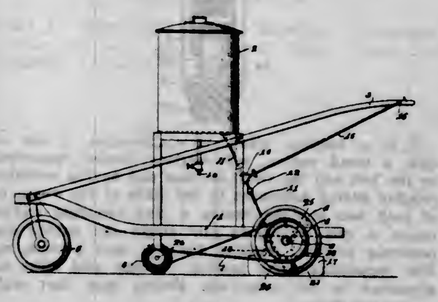
1,569,103. MOVING-PICTURE CAMERA. CHARLES P. WATSON, New York, N. Y. Filed May 18, 1920. Serial No. 381,175. 8 Claims. (Cl. 88—17.)

1. A high speed moving picture camera having a metal framework, mechanical means secured to and carried by said framework for intermittently feeding a negative film to be exposed, a light excluding box structure substantially surrounding said framework and mechanical means and containing dark space for the film reels, a lens structure through which the film is exposed, means whereby the lens structure is firmly secured to said frame work by metal connecting parts, a shutter cooperating to



cut off the light through the lens when the film is moving between exposures, means for driving the mechanism at a speed to cause the film to be exposed at the rate of about 150 or more consecutive exposures per second and means whereby a supporting standard may be secured firmly to said frame work by metal connecting parts.

1,569,104. TRAFFIC-LINES STREET-PAINTING MACHINE. HOWARD BROWN WENTZ and JOHN BAILEY PRIDGEN, Charlotte, N. C. Filed Dec. 31, 1924. Serial No. 759,061. 7 Claims. (Cl. 91—25.)

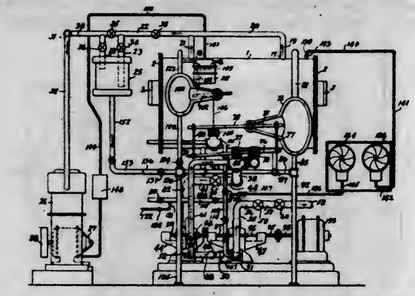


1. In a traffic line street-painting machine, the combination of a wheeled frame, a paint tank mounted on the frame, a painting brush positioned under the frame, resiliently suspended runners arranged on each side of the paint brush, means for discharging paint in front of the brush, a rotatable brush positioned in advance of the paint brush to sweep the street, and means for rotating said brush while the machine is in operation.

1,569,105. DEACTIVATOR. PERRY WEST, Newark, N. J., assignor, by mesne assignments, to Elliott Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Apr. 28, 1923, Serial No. 636,401. Renewed Apr. 13, 1925. 16 Claims. (Cl. 183—2.5.)

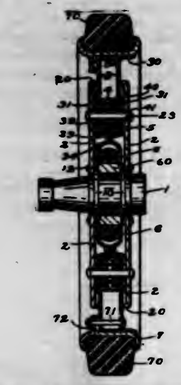
1. A deactivator, embodying a fluid chamber, means for maintaining a vacuum therein, means for spraying a fluid thereinto, a screen within said chamber for further

breaking up said fluid, means for removing freed gases from the chamber, means for removing treated fluid therefrom, means for maintaining a constant flow of



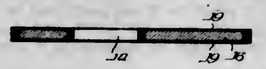
liquid within the apparatus, and an auxiliary water-line governor adapted to operate upon failure of said first governor.

1,569,106. RESILIENT WHEEL. EDWIN J. WHITE, Seattle, Wash. Filed July 14, 1925. Serial No. 43,460. 5 Claims. (Cl. 152—28.)



1. In a resilient wheel, in combination, a hub section, a tread section, web sections carried respectively by the hub and the tread sections and having restrained relative sliding movement in the plane of the wheel, one of said web sections having a ring receiving annular recess, a ring seating in said recess and having disk-receiving pockets, resilient disks in said pockets, and disk supporting axles passing through said disks and supported in the other web section from that which carries the disks.

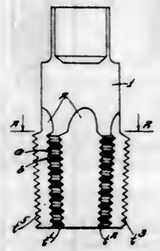
1,569,107. WATERPROOF PANEL BOARD. JOHN F. WHITE, Chicago, Ill., assignor to White Products Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 11, 1924. Serial No. 731,356. 5 Claims. (Cl. 91—68.)



1. An automobile panel board comprising a sheet of fibrous material having edges shaped for the intended structural use and having the fiber at all sides and edge surface portions impregnated with water-repellent material, the surfaces being free of unabsorbed oleagenous coating and the interior fibers substantially devoid of the impregnating material.

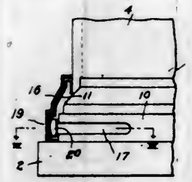
4. The method of forming a panel board for structural use, comprising shaping a board of absorptive paper composition with the desired panel contour, and intramarginal apertures appropriate to the intended use then applying a heated, tacky, water-repellent liquid to all surfaces of the shaped panel in quantity sufficient to impregnate the superficial fibers without impregnating the interior fibers, or leaving unabsorbed excess of treating material on the surfaces.

1,569,108. TAP. CHARLES E. WILLIAMS, Mansfield, Mass., assignor to Bay State Tap & Die Company, Mansfield, Mass., a Corporation of Massachusetts. Filed May 31, 1924. Serial No. 716,884. 4 Claims. (Cl. 10—141.)



1. A tap having the threads so formed and arranged that one wall of each thread will have cutting engagement with the work, the opposite wall of each thread being so relieved that it will not have cutting engagement with the work, the cutting walls being on alternately opposite faces of the successive threads so arranged that there will be two proximate cutting walls followed by two proximate non-cutting walls and so on in the same manner.

1,569,109. METAL SASH CONSTRUCTION. CHARLES B. YOUNG and CHARLES J. CASPAR, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed May 1, 1925. Serial No. 27,185. 5 Claims. (Cl. 20—56.4.)

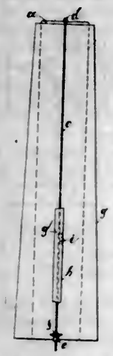


1. In combination in a sash framing corner construction, a window framing, a pair of glass sheets mounted in the framing and lying at an angle to each other to form a corner, a pair of metal sash members lying on the outer sides of the sheets, and secured against the outer faces of said sheets, and provided adjacent their ends with longitudinally extending slots, a metal corner piece fitting over the ends of said sash members, and rotatable clamping members carried by the corner member and provided at their inner ends with blocks adapted in one position of rotation to be passed through said slots, and in another position to lie crosswise behind the sash members and clamp such members to the corner member.

1,569,110. DEVICE FOR THE PRODUCTION OF CREASES IN TROUSERS. WILLIAM YOXALL, Manchester, England. Filed May 8, 1923. Serial No. 637,558. 1 Claim. (Cl. 68—10.)

In an apparatus for creasing trousers, an ironing board having a straight longitudinal groove in its top surface, a cord adapted to be arranged in the groove over the material to be creased and secured to the board at one

end of the groove, and a screw clamp secured to the board at the other end of the groove and adapted to



hold the cord in the groove under tension, said cord operating to retain a portion of the cloth in the groove and permit the cloth to be ironed on the board.

1,569,111. PROCESS FOR MANUFACTURING A PERYLENE VAT DYE. ALOIS ZINKE and HERMANN SHOEPFER, Graz, Austria, assignors, by mesne assignments, to Felice Bensa, Genoa, Italy. Filed Oct. 17, 1923. Serial No. 668,966. 7 Claims. (Cl. 260—56.)

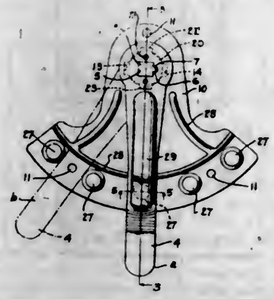
1. A process for manufacturing perylene vat dyes consisting in treating perylene quinone with chlorine.

1,569,112. HEADGEAR. WILLIAM BERNSTEIN, New York, N. Y. Filed Feb. 24, 1922. Serial No. 538,849. 1 Claim. (Cl. 2—204.)



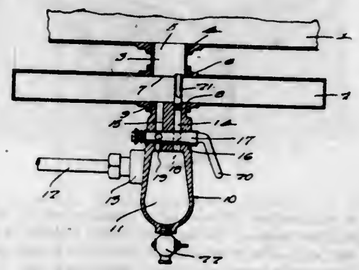
In the head covering and protecting shield for infants, the combination with a cap of a veiling attached along the front, sides and top of said cap and extending therefrom, a hem formed along the outer edge of said veil, tying strings upon said cap and tying strings engaging through said hem upon the veiling.

1,569,113. DAMPER MECHANISM. ALBERT BLUMLEIN, New York, N. Y., assignor to Parker Ventilation Company, Inc., a Corporation of New York. Filed July 8, 1924. Serial No. 724,761. 11 Claims. (Cl. 126—295.)



1. A damper mechanism including in combination a damper having a shaft, and positioning means therefor including a handle on the shaft and a series of spaced apart lever stops constructed and arranged to position and hold the lever either on or between the stops to correspondingly position the damper.

1,569,114. RESERVE-FUEL-SUPPLY TANK. EDGAR A. BOND, Ramah, N. Mex. Filed May 9, 1925. Serial No. 29,131. 4 Claims. (Cl. 158—46.5.)



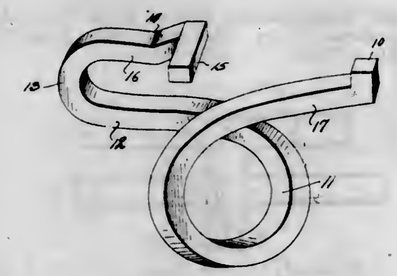
1. In combination with a main fuel supply tank, a reserve supply tank communicating therewith, a fitting associated with said reserve tank, said fitting being provided with a fuel chamber, a discharge pipe extending therefrom, said fitting being provided with a pair of passages communicating at their lower ends with the chamber, one of said passages communicating at its upper end with the main fuel supply tank, the other passage communicating at its upper end with the reserve supply tank, and means associated with the fitting and said passages for effecting the excommunication of one of the passages with said chamber.

1,569,115. RAILWAY SPIKE. KUNIBERT P. BRANDT, Oriska, N. Dak. Filed May 12, 1924. Serial No. 712,860. 1 Claim. (Cl. 85—23.)



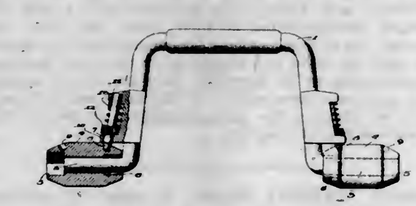
A railway spike of the class described including an elongated body provided with a slit at one end to form bifurcations, said body provided with a longitudinally extending bore tapering from an intermediate portion to the extremities of the bifurcations, and a pin of the same contour as the bore disposed therein so that it may be driven through the bore a comparatively short distance when the spike has been driven home in a tie to spread the bifurcations throughout their length, and thereby cause the latter to cling closely to that portion of the pin extending therethrough.

1,569,116. RAIL ANCHOR. JUNIUS E. BUSBY, Jackson, Ky., assignor of one-half to Benton R. Cooper, Covington, Ky. Filed Apr. 23, 1925. Serial No. 25,374. 5 Claims. (Cl. 238—330.)



3. A rail anchor formed of a single piece of resilient material, the ends of the material being formed to engage with the rail, the intermediate portion of the material being formed to provide a closed depending coil.

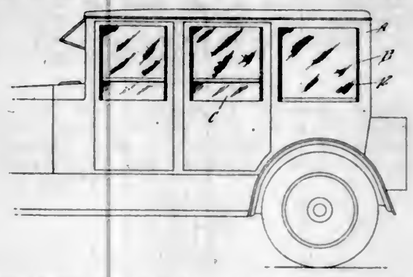
1,569,117. WRENCH. EUGENE ROY CARPENTER, Ansonville, N. C. Filed Nov. 21, 1924. Serial No. 751,320. 1 Claim. (Cl. 81—121.)



A device of the character described comprising a substantially U-shaped handle having an outturned end portion at one end of an arm thereof, said arm having spaced lugs extending laterally thereof in transverse alignment with said outturned end portion, said lugs having aligned openings formed therethrough, a locking pin slidable in said openings and movable toward and away from said outturned end portion, a stop on said locking pin located between said lugs for limiting the movement of the latter in the openings of the lugs, an expansion spring encircling said locking pin and disposed between said stop and one of said lugs for urging said locking pin toward said outturned end portion, and a tubular socket member adapted to be disposed on said outturned end portion and having a recess in its outer wall adapted to be engaged by said locking pin when said socket member is in a certain position on said outturned end portion, whereby said socket member will be releasably held against movement relatively to said handle, said stop on the locking pin having a roughened outer face for engagement with a finger of the hand of an operator of the device.

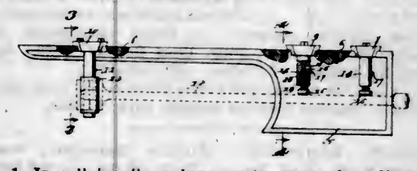
1,569,118. AUTOMOBILE WINDOW SCREEN. HARRY A. CURTIS, Manitowoc, Wis., assignor of one-half to Arthur Wensing, Manitowoc, Wis. Filed Apr. 16, 1924. Serial No. 706,979. 1 Claim. (Cl. 296—44.)

A screen attachment for the slidably mounted windows of a closed vehicle, comprising a roller located above the window and carrying heads, a screen secured to and wrapped about the roller between said heads, means connecting the end of said screen to the slidably mounted window, stationarily mounted casings at the ends of said roller beyond the heads thereon provided with bearings for the end portions of the roller, and coil springs lo-



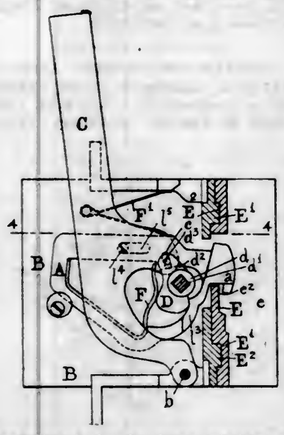
cated within said casings and each having one end connected to the outer wall thereof and its other end connected with the adjacent head.

1,569,119. LINING JIG. MATHIAS A. FEIDER, Madison, Ind. Filed Mar. 15, 1923. Serial No. 625,395. 2 Claims. (Cl. 33—180.)



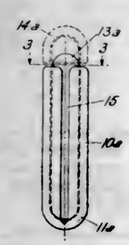
1. In a lining jig, a base, posts, means for adjustably connecting the posts to the base, a wrist pin on one of the posts for oscillatably supporting a connecting rod, arms in parallel position with relation to each other projecting from the other posts, and pressure yieldable elements projecting from the said arms, the member which is to be gaged being held so as to be swung in engagement with said yielding elements.

1,569,120. DEVICE FOR FASTENING DOORS, WINDOWS, AND THE LIKE. WILLIAM STEPHEN COX GLOVER, Oxford, England. Filed Apr. 10, 1923. Serial No. 631,195. 2 Claims. (Cl. 292—113.)



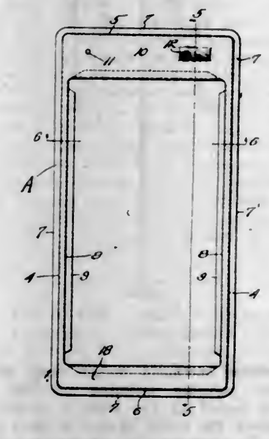
1. In a fastening device for doors, windows and similar purposes of the type comprising a casing affixed to the door and a floating latch member carried thereby, the combination with the casing and floating latch member of a device located within the latch member for actuating same, a lever pivoted to the casing to engage the actuating device, guides for the latch member, a ramp up which the catch end of the latch member mounts and behind which it falls, means for drawing the catch end into contact with the vertical edge of the ramp to tighten the latch in the locked position, spring means to prevent the latch member when in engagement with the ramp from undue strain if movement occurs between the frame and the door, said means also preventing rattle of the door against the frame and means to prevent the latch from being accidently moved from the locked position.

1,569,121. SAUSAGE SANDWICH AND ROLL THEREFOR. NEWTON L. HALL, Salt Lake City, Utah. Filed Oct. 26, 1921. Serial No. 510,517. 3 Claims. (Cl. 99—11.)



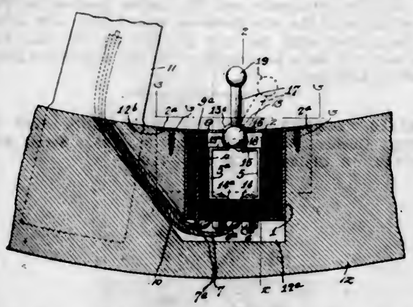
1. An article of food including a hollow, relatively elongated, approximately cylindrical, self-supporting roll open at one end, the wall of the roll being slotted.

1,569,122. RECEPTACLE FOR FLOUR AND THE LIKE. AXEL I. S. HALVORSEN, Albany, Ind. Filed Nov. 12, 1921. Serial No. 514,492. 4 Claims. (Cl. 220—80.)



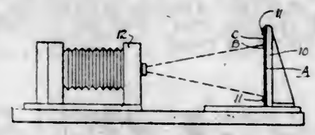
1. As a new article of manufacture, a rectangular frame of the character described, made from a single piece of sheet metal molded to shape and comprising a top wall; two side bars, each of which is U-shaped in cross section throughout the greater part of its length; a bottom wall; a relatively large rear wall section adjacent the upper end of the frame integrally joining the top wall and upper portions of the side bars, and a relatively small rear wall section adjacent the lower end of the frame integrally joining the bottom wall and lower portions of the side bars.

1,569,123. AUTOMOBILE STEERING WHEEL AND ELECTRIC HEADLIGHT SWITCH. BOYD HAMBLET, Florence, Colo. Filed Nov. 9, 1923. Serial No. 673,719½. 3 Claims. (Cl. 200—6.)



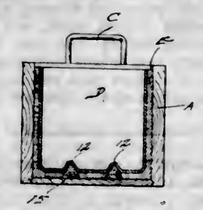
1. In a switch of the character described, a casing having formed in the inner face of one wall thereof a concavity, a pair of resilient contacts arranged within the casing opposite to said concavity and extending into proximity to one another, a spherical switching element engaged in said concavity and having a flattened face opposing and engaging said resilient contacts, and means for rotating said spherical switching element upon the diametrical axis thereof lying in a plane bisecting the switching element and extending between adjacent faces of said contacts.

1,569,124. PROCESS AND MEANS FOR MAKING PHOTOMECHANICAL PRINTING PLATES. JOSEPH A. H. HATT, New York, N. Y. Filed Aug. 4, 1920. Serial No. 401,180. 27 Claims. (Cl. 95—5.)



1. For use in making photo-mechanical printing plates a photographic corrective plate the same size as and in contact with the original and carrying a part or the whole of the design of the original thereon in form to modify the color values in a negative of the original made through the corrective plate.

1,569,125. STORAGE-BATTERY CONTAINER. CLARENCE W. HAZELETT, Lakewood, and ALBERT R. GOLDRICK, Cleveland, Ohio, assignors, by mesne assignments, to The Cleveland Trust Company, trustee, Cleveland, Ohio. Filed Feb. 2, 1922. Serial No. 533,684. 5 Claims. (Cl. 136—166.)



1. A storage battery container comprising an outer casing, hollow moulding cores composed of permeable preformed fibrous material adapted to form a plurality of battery element cavities within the casing, said cores having the bottom walls thereof formed with hollow ribs ex-

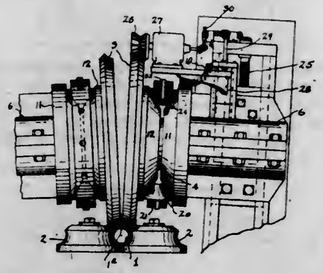
tending into the core cavities and a fusible mass of cementitious acid proofing material filling the spaces between the casing and the core walls and the hollow portions of the acid proofing material filling the spaces between the casing and the core walls and the hollow portions of the rib structure of the core members, whereby the core walls are permeated with the acid proofing material and the ribs and core walls are reinforced by the solidifying acid-proofing material.

1,569,126. LIFTER FOR ICE-CREAM CANS. GUY B. HILL, Oneida, Wis. Filed Apr. 9, 1925. Serial No. 21,949. 3 Claims. (Cl. 294—116.)



1. A lifter for cans comprising two crossed jaw shanks, the upper ends of which are longitudinally slotted, the lower ends of which are curved downward and inward toward each other and formed with trminals adapted to engage beneath the rim of an ice cream can and the shanks just above said terminal ends being formed with forwardly projecting lugs adapted to engage over the lid of the can.

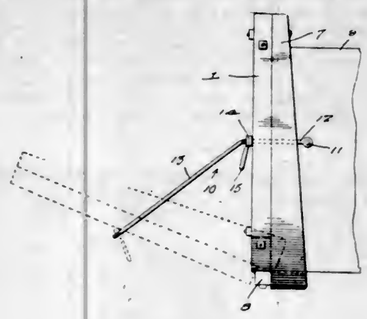
1,569,127. ELECTRIC WELDING MECHANISM. JOHN W. HOLT, Cleveland, Ohio. Filed Oct. 27, 1921. Serial No. 510,700. 9 Claims. (Cl. 219—6.)



1. In electric welding mechanism, the combination of a support, a shaft journaled therein, an electrode roll mounted on one end of said shaft, and means for conducting electric current to said roll without passing through said shaft, said means including a plurality of members acting to support said roll having rolling contact therewith at symmetrically disposed circumferentially spaced points.

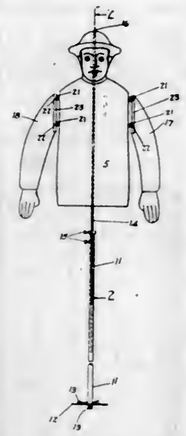
1,569,128. END GATE. GEORGE KOENIG, Lawler, Iowa. Filed Aug. 31, 1925. Serial No. 53,581. 1 Claim. (Cl. 296—58.)

In a structure of the class described, a pair of uprights, a connecting strap between said uprights, said uprights being formed with openings intermediate their ends, channel shaped guides carried by the inner sides of said uprights, a gate slidably mounted in said guides, side pieces carried by said uprights, said side pieces extending downwardly beyond the lower ends of said uprights, suspension rods extending slidably through the openings in the uprights, said suspension rods being adapted to be pivotally mounted upon a wagon body,



and being provided with screw threaded portions, and nuts cooperable with said screw threaded portions and engageable with said uprights to maintain the structure in a vertical gate forming position, or in an inclined shoveling board forming position.

1,569,129. SCARECROW. ANDREAS R. LARSEN, Minneapolis, Minn. Filed Mar. 3, 1921. Serial No. 449,297. 6 Claims. (Cl. 46—46.)

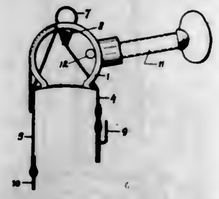


1. A scarecrow having a hollow body portion and hollow means movably mounted on the scarecrow adapted when moved by the wind to strike the body portion, whereby the sound caused by said striking is increased by the resonance of said hollow body portion.

1,569,130. METHOD OF HARDENING COPPER. LOUIES NEMITOF, Kansas City, Mo. Filed Feb. 6, 1922. Serial No. 534,449. 14 Claims. (Cl. 148—11.)

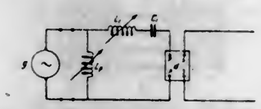
3. The method of hardening copper consisting in embedding copper heated to a bright red in a mixture moistened with a hydrocarbon and comprising a silicious substance and a substance containing phosphate of lime, substantially as set forth.

1,569,131. TOURNIQUET. JULIUS NORD, The Hague, Netherlands. Filed Feb. 12, 1925. Serial No. 8,613. 3 Claims. (Cl. 128—327.)



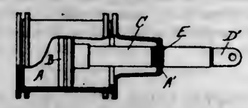
1. A surgical appliance to stop bleeding, comprising a case having one slot on the top and two slots underneath, a wedge-shaped part mounted in the top slot and a short strap fastened to the wedge, passing through one slot underneath; a second strap passing through the second slot underneath and also through the top slot; a hook fastened to one strap and an eye fastened to the other one; and a screw by which the tension of the strap can be regulated and the wedge fixed, arranged at one side of the case.

1,569,132. METHOD OF AND ARRANGEMENT FOR STARTING FREQUENCY-TRANSFORMING INSTALLATIONS. MENDEL OSNOS and LEO KASARNOWSKI, Berlin, Germany, assignors to Radio Corporation of America, a Corporation of Delaware. Filed Oct. 25, 1922. Serial No. 596,842. 6 Claims. (Cl. 172—281.)



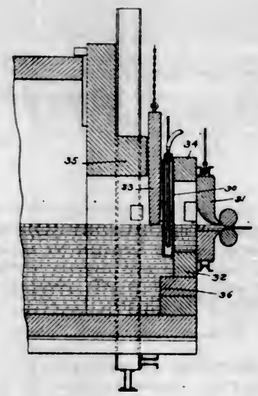
1. An arrangement for supplying a transformer requiring a large magnetizing current by drawing only a small current from the source of power comprising, a source of alternating voltage, a transformer requiring a high magnetizing current coupled to said source, variable tuning means comprising means in series with said transformer for enabling said transformer under normal operation to take a current of the required value leading the voltage of said source and for enabling said transformer under starting conditions to take sufficient current to decrease the reactance of the transformer to the point beyond which its reactance will decrease with increase in current, said tuning means also including an inductive reactance in parallel with said transformer and series tuning means, to correct the power factor in said source.

1,569,133. AIR BRAKE. ALLEN E. OSTRANDER, Ridgewood, N. J., assignor to Westinghouse Air Brake Company, New York, N. Y., a Corporation of Pennsylvania. Filed Dec. 15, 1921. Serial No. 522,596. 3 Claims. (Cl. 116—127.)



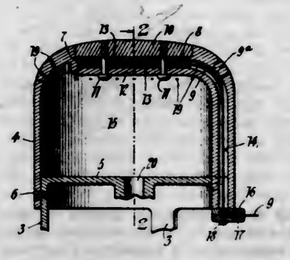
3. In a fluid pressure brake, the combination with a brake cylinder and a piston movable therein, of a member associated with said piston and provided with an indicating zone which is partly exposed when the brake cylinder piston travel is normal and is wholly exposed when the brake cylinder piston travel is excessive.

1,569,134. GATE FOR GLASS TANKS. WILLIAM OWEN, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed Dec. 8, 1923. Serial No. 679,343. 4 Claims. (Cl. 49—55.)



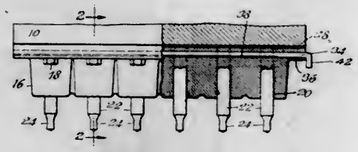
3. The combination with a melting tank having an outlet opening at its forward end, of a water cooled metal gate to the rear of such outlet opening mounted for vertical movement through the top of the tank, and adapted when lowered to cut off the flow of glass to said outlet, and a vertically movable shield of refractory material to the rear of the gate adapted to be lowered to a position with its lower edge adjacent to the surface of the glass bath or to be lowered into the glass and form an emergency cut off or gate.

1,569,135. PRESSING BLOCKS. LESLIE M. PAGE, Maplewood, N. J., and LOUIS MEYLACH, Brooklyn, N. Y. Filed Apr. 2, 1925. Serial No. 20,228. 2 Claims. (Cl. 223—1.)



1. A pressing block including in combination a block body of hollow dome-shaped construction, a floor for closing the lower portion thereof whereby a cavity is enclosed within said body, a chamber in the upper domed portion of said body opening upwardly and isolated from said body cavity, an electric heating coil within said chamber, wires attached to said coil, a cap for closing the upper opening to said chamber, and a channel within the side wall of said body leading from said coil chamber to the foot of said body for the passage of the coil connecting wires.

1,569,136. TOOL HOLDER. FRANK PARDEE, JR., Hazleton, Pa., assignor to Anthracite Separator Company, Hazleton, Pa., a Corporation of Pennsylvania. Filed Mar. 27, 1925. Serial No. 18,690. 8 Claims. (Cl. 164—118.)

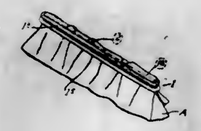


1. In combination with a notched tool, a holder therefor and a locking member arranged for engagement with the notch of said tool, said member having a portion of such cross-section that it will release the tool when turned relatively in said holder.

1,569,137. REFINING OF COPPER-NICKEL MATTE. ROBERT LEE PEEK, Ottawa, Ontario, and TORGNY FREDERICK TORELL, Aylmer, Quebec, Canada, assignors, by mesne assignments, to National Trust Company Limited, Toronto, Canada. Filed Aug. 26, 1920. Serial No. 406,059. 10 Claims. (Cl. 204—57.)

1. The method of utilizing Bessemerized copper-nickel matte which comprises separating copper from copper-nickel sulfate solutions by cementation upon an excess of such matte, removing the greater part of the copper from the partially exhausted matte and producing from the residue the copper-nickel sulfate solution for use in the treatment of a corresponding quantity of Bessemerized matte.

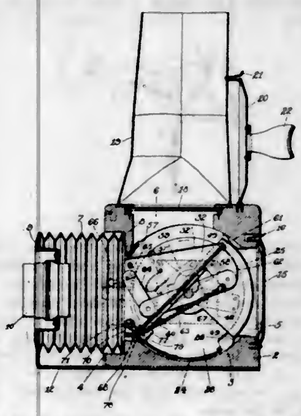
1,569,138. TIE FOR CLOSING THE MOUTHS OF BAGS. ROBERT E. PIERCE, St. Louis, Mo., assignor to Bemis Bro. Bag Company, St. Louis, Mo., a Corporation of Missouri. Filed Sept. 22, 1924. Serial No. 739,053. 4 Claims. (Cl. 24—30.5.)



2. A bag tie comprising a member adapted to be applied to the mouth of a bag to close same, said member being composed of a plurality of portions about one of which the neck portion of the bag is looped and the other portions of said member being adapted to be bent to closely embrace said neck portion of said bag.

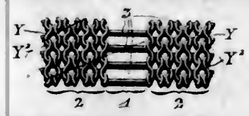
1,569,139. CAMERA. ERNEST A. PIGEON, Beverly, Mass. Filed July 18, 1923. Serial No. 652,321. 17 Claims. (Cl. 95—42.)

1. In a camera comprising a camera box, a lens mounted in one side of said box, and means at the opposite side of said box for supporting a film, a shutter interposed betwen said lens and film and comprising a hollow cylindrical shell cut away at one side thereof and having an exposure slot through its opposite side, means supporting said shutter for rotative movement



about an axis transverse to the axis of said lens, said shutter including a part adjustable to vary the width of said slot.

1,569,140. KNITTED FABRIC. HARRY G. G. QUERNS, Philadelphia, Pa. Filed June 24, 1924. Serial No. 721,981. 3 Claims. (Cl. 66—4.)



1. A plain knitted fabric produced by simultaneous feeding of fiber silk and a soft pliable cotton yarn, said fabric being characterized by intervals across which the two yarns are floated, the connecting portions of the silk yarn by virtue of its inherent stiffness, bowing or rounding inwardly and imposing a like disposal of the cotton yarn thereby accentuating the depth of the intervals in the fabric.

1,569,141. SWINGING-RAIL SWITCH FROG. WILLIAM HARISON RIFE, La Junta, Colo. Filed July 29, 1924. Serial No. 728,963. 10 Claims. (Cl. 246—386.)

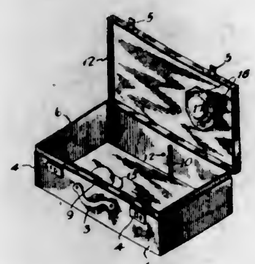


2. A swinging rail switch frog, comprising a rail section pivoted at one end, oppositely inclined wedges on opposite sides of the swinging end of the rail, abutments adjacent said wedges, and means for simultaneously moving said wedges longitudinally of the rail section in opposite directions.

1,569,142. COMBINATION LUGGAGE. HOMER RIPPETOE, Jersey City, N. J., assignor to Saks & Company, New York, N. Y., a Corporation of New York. Filed Mar. 19, 1924. Serial No. 700,225. 1 Claim. (Cl. 190—51.)

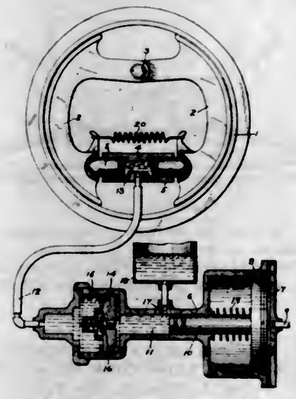
A combination traveling case, comprising a suit-case having a partition in its body hinged to one side wall intermediate the ends thereof and of a length approxi-

mately equal to the width of the interior of the body so as to be adapted to lie flat against said wall or to be swung straight across the interior to divide the same into two compartments, and means for removably attaching



two hat-forms, one of them to the bottom of the body in the space of one of said compartments, and the other hat-form to the inside of the cover over the space of the other compartment, substantially as set forth.

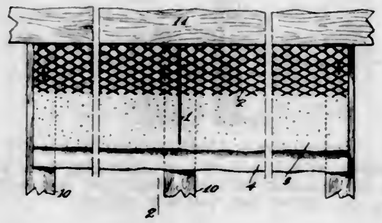
1,569,143. AUTOMOBILE BRAKE. HENRY J. ROBINSON, East McKeesport, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Nov. 14, 1923. Serial No. 674,666. 5 Claims. (Cl. 188—152.)



1. In a braking mechanism, the combination with a brake piston operated by pressure transmited through a body of liquid for applying the brakes, of a piston acting on said body of liquid to apply pressure thereto, and a piston operatively connected to said liquid pressure transmitting piston through a column of liquid and operated by fluid under pressure.

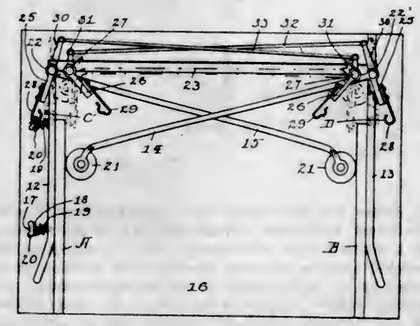
1,569,144. METALLIC LATHING. CHARLES H. SCAMMELL, New York, N. Y., assignor to Charles H. Scammell Co., Inc., New York, N. Y., a Corporation of New York. Filed Jan. 21, 1924. Serial No. 687,429. 3 Claims. (Cl. 72—116.)

1. A new article of manufacture, consisting of an elongated strip of metallic lathing having a backing sheet secured thereto, and a marker consisting of a small strand between said backing sheet and the metal lathing, said marker running longitudinally of said



lathing strip and positioned to indicate the location of studs or similar furring when said lathing is being applied.

1,569,145. APPARATUS FOR AIDING IN THE FORMING AND NAILING OF BOXES. WILBUR C. SHARP, Camarillo, Calif. Filed Oct. 8, 1924. Serial No. 742,336. 3 Claims. (Cl. 144—295.)



1. Apparatus for aiding in the forming and nailing of box bodies, comprising, in combination, a support, a pair of side bars on said support spaced apart and against and between which the ends of a box to be formed are adapted to be placed in upright position to receive the bottom of the box while it is being nailed thereto, a pair of presser elements pivoted on said support to swing into two positions, one in which they are adapted to hold the ends outwardly in upright position against said side bars in nailing position and the other in which they assume a releasing position away from said ends and said box body, and grippers movable to open and close by the action of said presser elements, said opening movement being effected by the movement of the presser elements outwardly against said box ends and said closing movement being effected by the releasing movement of said presser elements, said grippers being positioned and adapted when closed to hold cleats along the upper edges of the ends of the box body after the sides, ends and bottom of the box have been formed in readiness to finally receive the top.

1,569,146. ANTIRATTLER DEVICE. MAURICE SIMON, St. Louis, Mo. Filed Jan. 19, 1924. Serial No. 687,344. 8 Claims. (Cl. 292—155.)

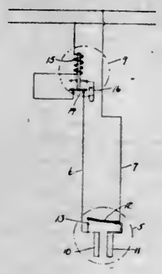
5. An anti-rattler device comprising a bracket adapted to be mounted on a part of a window frame, a spindle supported by said bracket, a hollow body having threaded

engagement with said spindle, a rubber tip supported in the end of said hollow body adapted to contact with the window pane, a head on the spindle preventing the



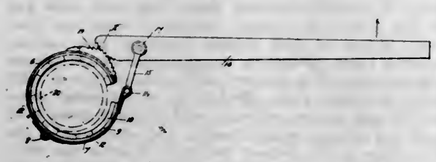
separation of said spindle and said hollow body and a lock nut threaded on said spindle and positioned between said hollow body and said bracket.

1,569,147. MEANS FOR PREVENTING OVERHEATING OF ELECTRICALLY-HEATED APPLIANCES. ALVA T. SMITH, Winsted, Conn. Filed Feb. 5, 1925. Serial No. 6,930. 1 Claim. (Cl. 219—20.)



A device for preventing the overheating of electrically-heated appliances, comprising two circuit conductors, a normally-open thermostatic short-circuiting switch connected between the said conductors in position to be affected by the temperature of the heated appliance, and a circuit-breaker interposed in one of the said conductors and through which the heating current normally flows, whereby, when the temperature of the appliance rises above a predetermined point, the thermostatic short-circuiting switch will act to short circuit the conductors, and thereby momentarily increase the flow of current through the circuit-breaker, and thus cause the latter to act to open the circuit.

1,569,148. PIPE WRENCH. DONALD M. STAINBROOK, Orland, Ohio. Filed May 1, 1925. Serial No. 27,162. 2 Claims. (Cl. 81—67.)



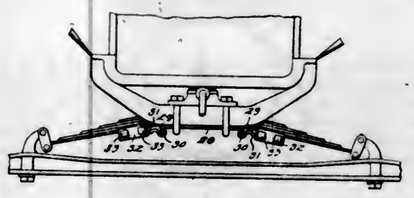
1. A pipe wrench, comprising a jaw formed of two curved bands of sheet metal arranged broadside of the axis of the jaw and hinged together, a toothed block secured against the outer side of the free end portion of one band and arranged diametrically opposite to its hinge, a lever provided with teeth for engaging with the toothed block, and a link pivotally connecting the free end portion of the other band with the said lever.

1,569,149. FASTENER FOR BAGS OR THE LIKE. BERNARD STEMBER, New York, N. Y. Filed Jan. 10, 1922, Serial No. 528,151. Renewed Nov. 17, 1925. 3 Claims. (Cl. 292—89.)



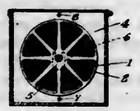
1. In a bag or the like provided at its mouth with a frame having jaws adapted to be opened or closed, fastening means for holding the jaws in closed relation, and a member carried by the jaw at one side of the mouth, the combination of additional fastening means for holding the jaws in closed relation including a bridge mounted on said member, a flexible tab pivotally supported by said bridge, and means on the bag at the side opposite said bridge and below the frame for securing the outer portion of the tab thereto.

1,569,150. AUTOMOBILE SPRING CONTROL AND REPAIR DEVICE. JESSE E. STEVENS, Lebanon, Ind. Filed Aug. 25, 1924. Serial No. 734,107. 5 Claims. (Cl. 267—51.)



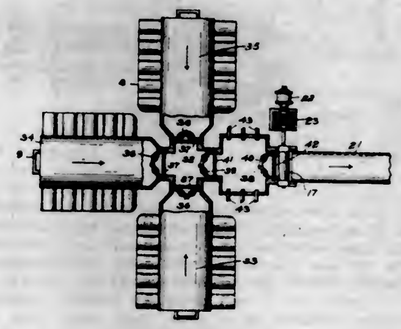
1. In a control for springs of automobiles, stiffening plates adapted to be applied to the main leaves of a spring, the said control having interengaging hook-like ends, and means for securing the elements to the spring.

1,569,151. PROCESS OF WATERPROOFING MOTION-PICTURE FILMS AND OTHER GELATINOUS SURFACES. VICTOR A. STEWART, New York, N. Y. Filed Feb. 20, 1924. Serial No. 694,105. 2 Claims. (Cl. 95—89.)



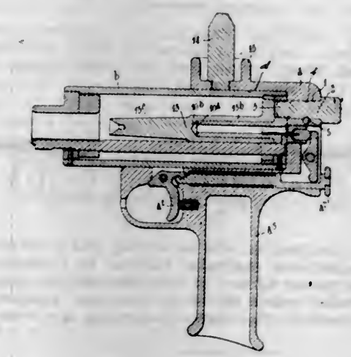
1. The method of subjecting exposed and developed photographic film to the action of chemical vapors to render insoluble the colloid substances on the film, which comprises winding up the film and an open textured spacing tape into a composite roll thereby to space apart the film convolutions, placing said reel in a gas tight chamber and projecting vapors into said chamber to act upon the film surfaces through the medium of the tape.

1,569,152. GLASS TANK CONSTRUCTION. THOMAS H. SWARTZLANDER, Aspinwall, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed Mar. 25, 1922. Serial No. 546,866. 5 Claims. (Cl. 49—54.)



5. In combination in a glass tank construction, a receiving chamber having a plurality of laterally opening sides with a discharge outlet at one of said sides, a plurality of melting tanks leading into the other sides of the tank at angles to each other of less than 180 degrees, means for heating the melting tanks, and means for heating the receiving chamber.

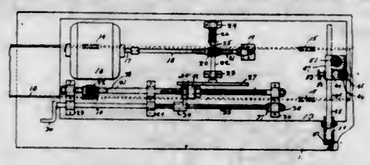
1,569,153. CAPTIVE BOLT OR LIKE PROJECTILE DEVICE. ROBERT TEMPLE, Bromley, England. Filed Feb. 20, 1925. Serial No. 10,649. 14 Claims. (Cl. 17—1.)



1. A device of the type described comprising a captive projectile having a piston-like member at its rear end, a tapered forward end of substantial length and an intermediate portion adapted to be guided, together with a barrel member having internally arranged longitudinal rod-like guiding means for guiding the intermediate part of the projectile.

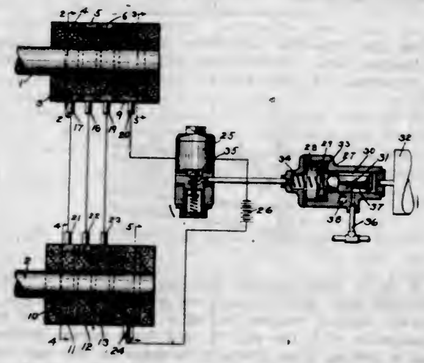
1,569,154. METAL-CUTTING MACHINE. JAMES TEMPLE, Portland, Oreg. Filed Mar. 2, 1925. Serial No. 12,803. 1 Claim. (Cl. 266—23.)

A carriage for metal cutting machines having in combination a wheeled frame; a motor on said frame; a worm shaft extending from the shaft of said motor; a worm on said worm shaft; a spring-urged slidable transverse shaft mounted on said frame; a worm wheel on said transverse shaft meshing with said worm; a friction disk on said transverse shaft; a splined shaft mounted on said frame alongside of said disk; a friction pinion on



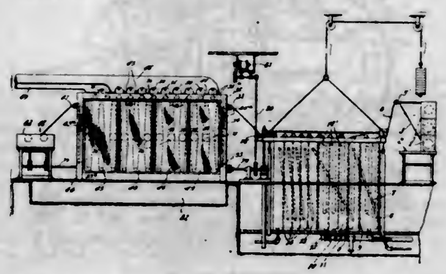
the spline of said splined shaft; a feed screw for moving said pinion along the face of said disk; means for rotating said screw and driving gears between said splined shaft and the wheels of said frame.

1,569,155. TRAIN-CONTROL DEVICE. THOMAS H. THOMAS, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Mar. 24, 1924. Serial No. 701,377. 8 Claims. (Cl. 303—20.)



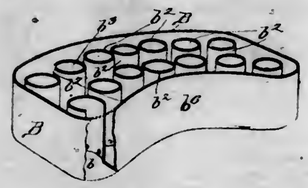
1. In an electric circuit controlling mechanism, the combinations with two synchronously rotating elements, of electric switch members associated with each element and adapted to maintain an electric circuit continuously closed so long as said elements rotate in synchronism, the circuit being opened upon failure of one element to rotate.

1,569,156. PHOTOGRAPHIC-FILM DRIER. FREDRICK B. THOMPSON, Los Angeles, Calif. Filed Feb. 9, 1924. Serial No. 691,633. 22 Claims. (Cl. 34—48.)



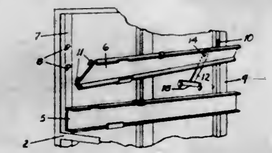
2. In a photographic film drier, the combination of a frame, having transparent side and end walls, an air duct at the top of the frame, a second air duct at the top of the said frame and at the film exit end of the drier, means for imparting motion to the film tape, and a take-up reel.

1,569,157. BEVERAGE-VENDING DEVICE. HARRY A. THOMPSON, Lowell, Mass., assignor to The Moxie Company, Boston, Mass., a Corporation of Maine. Filed Mar. 24, 1924. Serial No. 701,298. 1 Claim. (Cl. 224—48.)



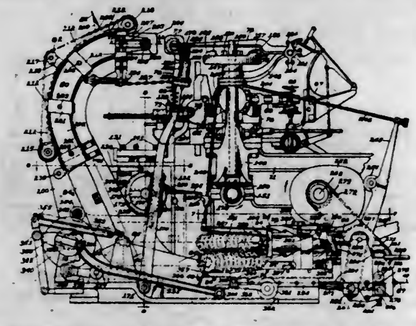
In a beverage vending device, in combination, a carrier, having a liquid tight bottom and side walls; an ice open topped pan, fitting within the carrier, having a bottom, provided with a multiplicity of perforations, partitions surrounding each perforation, forming chambers open top and bottom, with spaces separating adjacent chambers, open at the top only; means to carry and support the carrier.

1,569,158. FILING CABINET. FRED W. TOBEY, Grand Rapids, Mich. Filed July 19, 1923. Serial No. 652,517. 8 Claims. (Cl. 45—77.)



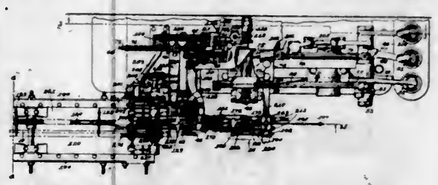
4. In a filing cabinet, the combination of a casing provided with slotted front and rear corner members, a drawer support member having a stud at its front end engageable with the slot in said front corner member, and a locking lever pivotally mounted on the rear side of said support member to be engaged with said slot in said rear corner member.

1,569,159. WIRE-SPRING-BALING MACHINE. BERT L. VAN ORMAN, Highland Park, Mich., assignor to L. A. Young Industries, Inc., Detroit, Mich. Filed Nov. 21, 1923. Serial No. 676,072. 60 Claims. (Cl. 100—31.)



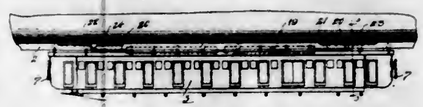
34. In a structure of the class described, the combination with an assembling chute, means for feeding springs thereto one by one whereby they are nested therein, means for ejecting the springs from said assembling chute, means for passing a wire around the assembled springs, and means for tying the wire.

1,569,160. WIRE-SPRING NESTING OR ASSEMBLING MACHINE. BERT L. VAN ORMAN, Highland Park, and ROSS V. HEILMAN, Detroit, Mich., assignors to L. A. Young Industries, Inc., Detroit, Mich. Filed Mar. 30, 1925. Serial No. 19,436. 21 Claims. (Cl. 140—2.)



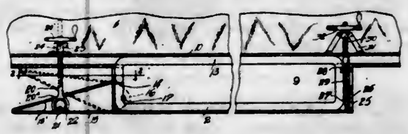
1. In a structure of the class described, the combination of an assembling chute comprising top and bottom walls, side walls disposed between said top and bottom walls, at least one of said side walls being adjustably supported, means for successively feeding springs to the forward end of said chute, an ejector comprising sprockets mounted in a plane above said chute for axial adjustment, a conveyor chain carried by said sprockets, flights mounted on said conveyor chain and adapted on their operative reach to project through the slots in said side walls of said chute, means for driving said conveyor chain with a step by step movement operatively associated with said feed means whereby the actuation of the ejector conveyor is timed to discharge the springs in assembled groups, a delivery table disposed transversely of the said assembling chute and to which the groups of springs are discharged from said chute, a reciprocating pusher adapted to shift the groups of springs on said delivery table from the path of the groups of springs delivered by said ejector, and operating means for said pusher whereby its actuation is timed.

1,569,161. AIRSHIP. EBER H. VAN VALKENBERG, Monroe, Wash., assignor of one-half to Oscar Silverstein, Spokane, Wash. Filed Apr. 27, 1925. Serial No. 26,082. 5 Claims. (Cl. 244—29.)



1. The combination with an airship and a longitudinally movable car suspended thereon, of a stationary abutment carried by one of said members, and motive fluid actuated means carried by the other member for coaction therewith for relatively adjusting said members.

1,569,162. BALLASTING MEANS. EBER H. VAN VALKENBERG, Monroe, Wash., assignor of one-half to Oscar Silverstein, Spokane, Wash. Filed Apr. 27, 1925. Serial No. 26,083. 5 Claims. (Cl. 244—30.)



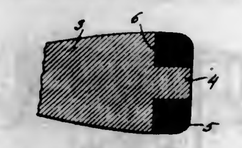
1. In an airship, the combination with a water-ballast tank carried thereby and provided with intake and outlet ports, of a hinged scoop adapted to normally close the intake port, means for adjusting the scoop for opening the port, and means for controlling the outlet port.

1,569,163. BURNER. BENJAMIN FRANKLIN WALDRON, Duncan, Okla. Filed Apr. 11, 1925. Serial No. 22,884. 4 Claims. (Cl. 158—74.)



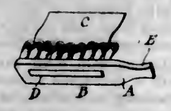
4. A device of the class described, constructed as set forth in claim 1, and further characterized by the fact that both of the last-specified means comprise a support carried by the body, shafts journaled in the support, eccentrics on the shafts, and members wherewith the eccentrics cooperate, said members being mounted, respectively, on the carrier and on the valve, one of said members being adjustable longitudinally of the part whereon it is mounted, and means for holding the said member in adjusted positions.

1,569,164. CHISEL HANDLE. EDWARD J. WIDMER, Denver, Colo. Filed Sept. 1, 1925. Serial No. 53,772. 3 Claims. (Cl. 145—61.)



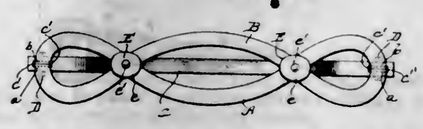
3. A chisel handle having secured to its end a protector consisting of highly compressed canvas cemented together by means of a phenolic condensation product.

1,569,165. TOOTH-CLEANSING AND GUM-MASSAGING DEVICE. MELANIE WOLF, New York, N. Y. Filed May 27, 1924. Serial No. 716,227. 6 Claims. (Cl. 15—167.)



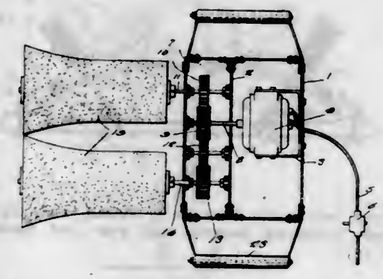
1. A device of the kind described, comprising a body having a rubbing surface and a flexible sheet connected to said body extending beyond the rubbing surface and adapted to be held between the teeth of the user, as and for the purpose described.

1,569,166. AUTOMOBILE BUMPER. FRANK AMATO, Long Island City, N. Y. Filed Dec. 20, 1923. Serial No. 681,713. 5 Claims. (Cl. 293—55.)



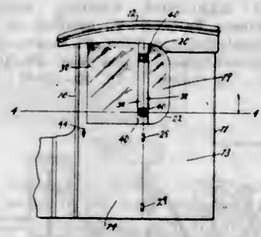
1. A bumper embodying a plurality of curved front members the end portions of which are flanged rearwardly of said members, means for fixedly attaching said flanged ends of the front members, a rear member positioned for the end portions thereof to have slidable engagement with the connected end portions of the front members, and car-attaching means for said rear member.

1,569,167. SHOE-SHINING MACHINE. RANDOLPH ANDERSON, Sr., St. Louis, Mo. Filed Aug. 15, 1924. Serial No. 732,297. 1 Claim. (Cl. 15—23.)



A portable shoe shining apparatus including a casing having handles thereon, shafts supported by and projecting through the casing, electrically controlled operating means for the shafts to cause said shafts to turn in the same direction, rotary brushes each having a hollow core to receive the shafts therein, means limiting the longitudinal movement of the brushes on the shafts, in an inward direction, means on the outer ends of the cores for causing the brushes to rotate with the shafts, and depressible spring clutch means carried by the shafts engaging the cores for removably locking the brushes on the shafts.

1,569,168. AUTOMOBILE CAB. KENNETH S. BAXTER and CHARLES H. CANNON, Michigan City, Ind., assignors to Sheet Metal Products Company, Michigan City, Ind., a Corporation of Indiana. Filed Aug. 3, 1925. Serial No. 47,684. 4 Claims. (Cl. 296—45.)

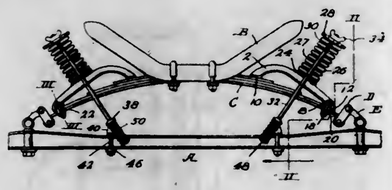


2. In an automobile cab, the combination of a side panel having a window opening extending rearwardly from the forward edge of the upper portion thereof, a window sash hinged at its rear edge to swing between a position against the inner side of said panel and a position closing said window opening, a door hinged to the side panel below the window opening, a glass slidably mounted in the door, a front guide for the glass extending upwardly from the forward edge of the door and a guide hinged to the window sash in line with the hinges of the door.

1,569,169. SHOCK ABSORBER. WILLIAM N. BORDER, Kansas City, Mo. Filed Dec. 24, 1924. Serial No. 757,904. 3 Claims. (Cl. 267—28.)

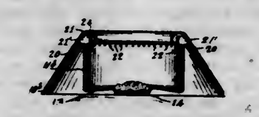
1. A shock absorber consisting of a lever seated at its ends upon one of the vehicle springs, a main spring mounted upon the intermediate portion of said lever, a

cap mounted upon said main spring, a pair of rods extending freely through eyes in said cap, a yoke secured to an upsprung portion of the vehicle and having eyes



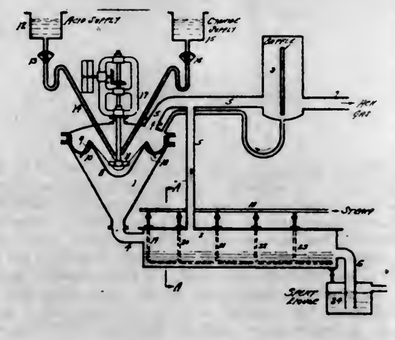
through which said rods freely extend, and auxiliary springs interposed between said yoke and heads on said rods.

1,569,170. INSECT TRAP. MAURICE BRAUN and GEZA GELENCSER, New York, N. Y. Filed Apr. 4, 1924. Serial No. 704,123. 3 Claims. (Cl. 43—121.)



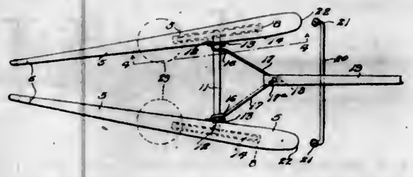
2. An insect trap comprising an outer inclined member formed adjacent its top with an annular receptacle, a bowl depending from the bottom of said receptacle, said receptacle being formed in its bottom with a number of small apertures vertically alined with the inner face of the side wall of the said bowl, and a bridging member covering the top of the said receptacle.

1,569,171. APPARATUS FOR PRODUCING AND RECOVERING REACTION GASES. MORTIMER JAY BROWN, Niagara Falls, N. Y., assignor to The Pacific R. & H. Chemical Corporation, El Monte, Calif., a Corporation of California. Filed Mar. 26, 1925. Serial No. 18,458. 12 Claims. (Cl. 23—286.)



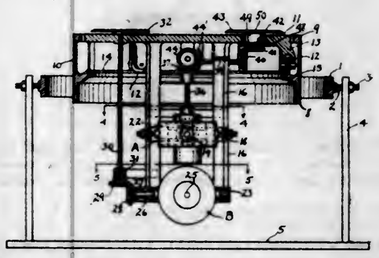
1. In apparatus for producing reaction gas from a solution, a vessel for receiving solution, means for continuously supplying reacting solution ingredients to the vessel, mixing means flowing the solution during mixing in the vessel away from the supply, means for continuously discharging the reacted solution from the vessel, and means for collecting the reaction gas liberated from the solution during such mixing and discharge.

1,569,172. ROLLING TOY. CYRIL BUJOER, St. Paul, Minn. Filed Mar. 7, 1925. Serial No. 13,890. 5 Claims. (Cl. 46—45.)



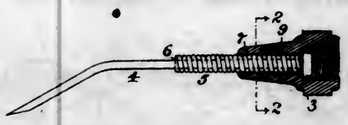
1. A top comprising an axle, a supporting wheel fixed on each end of the axle in slanting relation to the axle, the figure of a fish journaled on each end of the axle and having an inverted cavity inclosing the wheel except a small portion of its lower segment, a handle journaled on the axle between the wheels for moving the toy, and slidable means supporting the tail end of each fish.

1,569,173. CONTINUOUS AUTOMATIC LATITUDE AND LONGITUDE INDICATOR. REGINALD C. COLLEY, Houston, Tex. Filed Nov. 27, 1923. Serial No. 677,238. 6 Claims. (Cl. 33—204.)



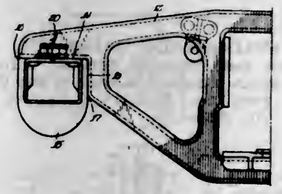
1. In a device of the character described, a support a gimbal pivoted on said support, a table mounted in said gimbal, posts depending from said table, a gimbal mounted on said posts, a gyroscope supported thereon to rotate on a vertical axis, a ring on said posts pivotally supported on a horizontal shaft, a gyroscope supported in said ring to rotate on a horizontal axis, dials on said table, and operative connections between outer axis of said gyroscope gimbal and one of said dials and between said shaft and the other of said dials in the manner described.

1,569,174. HYPODERMIC NEEDLE. EDMOND C. CROWTHER, Philadelphia, Pa., assignor to de Sanno & Hoskins, Inc., a Corporation of Pennsylvania. Filed Jan. 27, 1921. Serial No. 440,316. 3 Claims. (Cl. 128—221.)



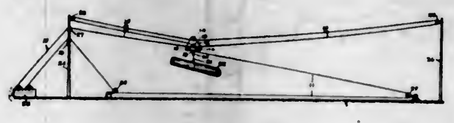
3. A hypodermic needle and support, consisting of a cap for attachment to a syringe, combined with a needle having its blunt end rigidly secured to the cap, and a flexible sleeve fitting in close contact with the needle for approximately one-half its length, said sleeve having one end fitting into and soldered to the cap and also soldered to the needle.

1,569,175. SIDE FRAME CONSTRUCTION FOR CAR TRUCKS. HARRY E. DOMER, St. Louis, Mo., assignor to Scullin Steel Co., St. Louis, Mo., a Corporation of Missouri. Filed Mar. 27, 1924. Serial No. 702,190. 7 Claims. (Cl. 105—218.)



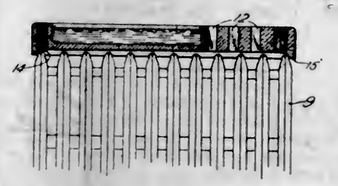
1. Side frame construction comprising a pressed steel side frame and pressed steel journal boxes welded to said side frame.

1,569,176. CABLE HOISTING AND CONVEYING APPARATUS. FORREST T. DUNHAM, Oakville, Wash. Filed Oct. 15, 1924. Serial No. 743,640. 5 Claims. (Cl. 212—87.)



1. A cable hoisting and conveying apparatus embodying a carriage, a hauling cable mounted on sheaves one end of which is attached to said carriage and the other end of which is attached to suitable hoisting means, said carriage being movably mounted upon said hauling cable and having two sheaves mounted therein on which said hauling cable may travel, a hoisting block movably mounted upon said hauling cable at a point between said two sheaves in said carriage, and a haulback cable attached to said hoisting block.

1,569,177. HUMIDIFIER. HAROLD E. EGGERS, Omaha, Nebr. Filed Nov. 20, 1924. Serial No. 750,999. 8 Claims. (Cl. 237—78.)



6. A humidifier comprising a pan one wall of which is composed of porous or capillary material, said wall having cylindrical air passageways therein.

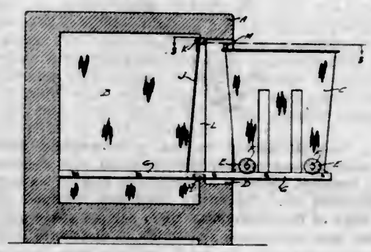
1,569,178. FLUID-PRESSURE INDICATOR. CASSIUS M. FOSTER, Toledo, Ohio. Filed Mar. 27, 1925. Serial No. 18,683. 6 Claims. (Cl. 73—81.)

4. In combination, a nipple mounted for turning movements, a fluid pressure gauge having a stem projecting therefrom which has an inlet passage to the gauge, the outer end of the stem being fashioned and having its passage enlarged to form a socket adapted to seat over



the nipple and co-act therewith to cause it to turn with the stem when turned, and a nipple seating gasket in the socket.

1,569,179. REFRIGERATOR. GUSTAV J. GAUENDLER, Clayton, Mo. Filed Aug. 14, 1922. Serial No. 581,771. 4 Claims. (Cl. 62—69.)

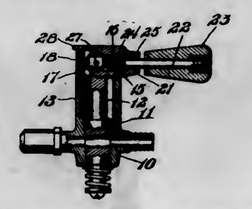


1. In a refrigerator having an ice chamber therein with an opening in the wall thereof, an ice container adapted to be moved into and out of said chamber through said opening, flanges disposed adjacent the vertical sides of said opening and projecting inwardly from the wall of said chamber and having their inner edges inclined inwardly from top to bottom, and a shield swingably mounted in said chamber above said opening and adapted to swing down into engagement with said inclined edges of said flanges when said container is moved out of said chamber.

1,569,180. GAS-COCK LOCK. BERNARD HAGBERG, Muskegon, Mich. Filed Sept. 3, 1925. Serial No. 54,362. 2 Claims. (Cl. 251—165.)

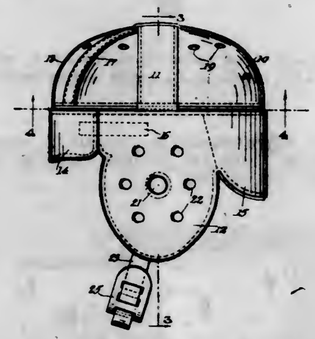
1. In combination with a gas cock including the usual valve element and stem therefor and casing, an angular extension upon the stem having a bore, a housing for the stem carried by the body of the valve and having portions opposing the angular portion of the stem throughout the movement of the stem, a plunger mounted in the bore of the angular portion of the stem, a handle element for shifting the plunger to partially rotate or to

longitudinally move the same, a tit on the plunger and a socket in the opposed portion of the stem housing, single means constantly urging the tit on the plunger



in a direction to engage the stem housing and to rotate the plunger and means preventing rotation of the plunger until the tit is engaged in the socket of the stem housing and then permitting limited rotation thereof.

1,569,181. FOOTBALL HELMET. THOMAS J. HARTMAN, Chicago, Ill. Filed Feb. 10, 1922. Serial No. 535,526. 2 Claims. (Cl. 2—3.)



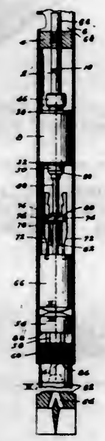
1. A football helmet having a crownpiece provided with lateral, longitudinal and diagonal stiff reenforcing straps fastened thereon, a perforated pliable leather lining extended over the entire head and fastened to the inner edge of the crownpiece, there being a space provided between said crownpiece and lining to distribute localized pressure evenly over the head, and ear pads fastened to said crownpiece by means of said lateral reenforcing straps.

1,569,182. PACKING. FRANK A. HEADSON, Milwaukee, Wis. Filed Aug. 27, 1921. Serial No. 496,054. 6 Claims. (Cl. 154—45.5.)



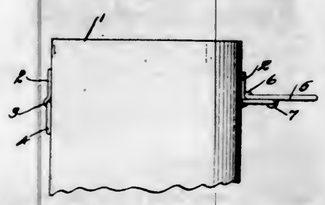
1. A quadrangular packing comprising in its construction a folded sheet forming a plurality of layers of flexible material in adhesive engagement with each other, each of said layers having an integral folded marginal portion which is integral with the next adjacent layer and extends longitudinally of the packing strip, the longitudinal marginal edges of said sheet being infolded between and inclosed and covered by adjacent marginally connected layers of the packing, and having an intermediate adhesively connected layer extending between and separating said infolded longitudinal marginal edges.

1,569,183. WELL-DRILLING APPARATUS. CHARLES H. HERMAN and FRANK G. SCHROER, Kansas City, Mo.; said Frank G. Schroer assignor to said Charles H. Herman. Filed Jan. 7, 1924. Serial No. 684,770. 2 Claims. (Cl. 255—1.)



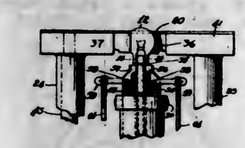
1. In a drilling apparatus a hammer, means for engaging said hammer to raise the same, a hollow reciprocatory piston for actuating said means, a partition dividing the interior of said piston into chambers having ports, valves for controlling said ports, a cylinder in which the piston operates and cooperates therewith in shifting said valves to effect alternate closing of the ports, means for effecting the release of the hammer so that the same may deliver a blow to force the drill bit downwardly, and a tubular piston stem communicating with one of the piston chambers and extending through one end of the cylinder and a bore in the hammer.

1,569,184. DETACHABLE HANDLE. MAX HERRING, Waukegan, Ill. Filed Aug. 28, 1923. Serial No. 659,806. 1 Claim. (Cl. 294—27.)



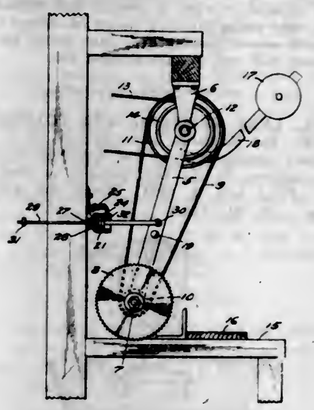
A detachable handle consisting of a substantially U-shaped bar the side portions of which are provided at their ends with return bent portions folded back in close contact with the surfaces of the side portions and forming compact abutting heads, the side portions being provided at their opposite sides and at points between their ends with pointed hooks the pointed ends of which are disposed towards the intermediate portion of the bar.

1,569,185. MACHINE AND METHOD FOR SEALING INCANDESCENT LAMPS. JOHN JOSEPH HIGGINS, East Orange, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Jan. 10, 1923. Serial No. 611,831. 18 Claims. (Cl. 49—2.)



8. A sealing-in machine for miniature incandescent electric lamps comprising means for supporting an exhaust tube, means for supporting a mount in axial alignment with said exhaust tube, means for temporarily supporting a bulb with the neck portion thereof in overlapping relation to an end of said exhaust tube, means for automatically adjusting said bulb in a given concentric position with respect to said mount, means for heating said positioned tube and bulb to effect a consolidation thereof and means for discharging air through said exhaust tube to maintain the passage in said exhaust tube open.

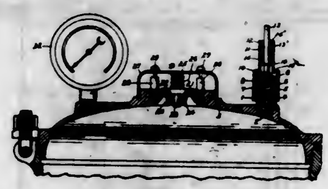
1,569,186. AUTOMATIC CHECK FOR TRIMMER SAWS. HENRY C. HILKE and THOMPSON H. BOYD, Seattle, Wash. Filed May 29, 1924. Serial No. 716,558. 3 Claims. (Cl. 143—46.)



1. The combination with a swingable frame of a trimmer-saw machine, of a cylinder having an end provided with a central aperture, a rod extending through said aperture and having one of its ends connected to said frame, means provided upon said rod adjacent its other end and engageable with said cylinder end to limit the travel of the frame in one direction, and a piston mounted upon the rod and adapted to enter the cylinder to limit the travel of the frame in the other direction.

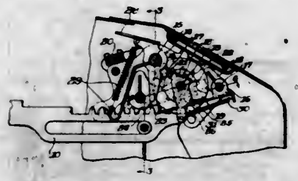
1,569,187. RELIEF MEANS FOR PRESSURE COOKERS. JESSE R. JEWELL, Lincoln, Nebr., assignor to National Manufacturing Company, Lincoln, Nebr., a Corporation of Nebraska. Filed June 25, 1921. Serial No. 480,481. 8 Claims. (Cl. 137—53.)

1. In a pressure cooker a cover, studs secured in said cover and extending upwardly therefrom, heads formed on said studs, a hood provided with bayonet slots adapted to receive the heads of said studs, and a spring positioned between said hood and valve and



compressed when said heads are passed through the enlarged portion of said bayonet slots and the hood rotated.

1,569,188. CALCULATING MACHINE. OLIVER D. JOHANTGEN, Oak Park, Ill., assignor to Victor Adding Machine Co., Chicago, Ill., a Corporation of Illinois. Filed Apr. 2, 1925. Serial No. 20,090. 9 Claims. (Cl. 235—137.)



1. In a calculating machine, a plurality of register wheels, a carry device cooperating with said register wheels and oscillatable about a fixed axis, a plurality of actuators for said register wheels respectively, said register wheels being movable back and forth from driven relationship with respect to said actuators to cooperative relationship with said carry device, and means for returning said carry device while the register wheels are being driven by said actuators.

1,569,189. TYPE CHASE. FREDERICK KOHNLE, Dayton, Ohio. Filed Apr. 2, 1925. Serial No. 20,212. 6 Claims. (Cl. 101—393.)

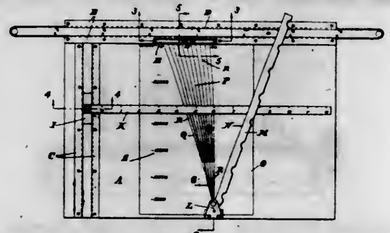


1. A type chase, having opposingly related rows of spaced parallel V-shaped grooves, the width of each groove and distance between adjacent grooves being equal, and type supporting plates substantially equal in thickness to the width of a groove engageable with the grooves to form parallel walled type receiving ways of different widths, whereby a maximum number of spacing combinations can be obtained in a chase of minimum size.

1,569,190. FIRE-CONTROL APPARATUS. OSCAR KRUPP, Nashville, Tenn. Filed May 16, 1924. Serial No. 713,862. 7 Claims. (Cl. 235—61.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)

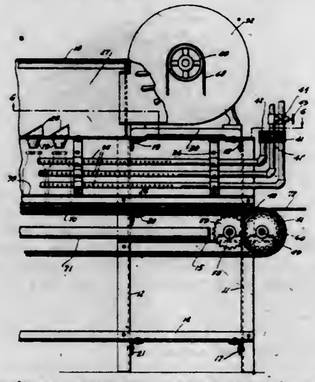
3. A fire control apparatus embodying a base, an azimuth scale slidably mounted horizontally of the base,

a deflection scale slidable vertically of the base, a chart carried by the base, and a travel arm pivotally mounted



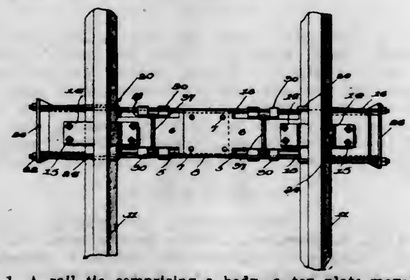
on the base and adapted to intersect the azimuth and deflection scales to mechanically compute the degree of deflection.

1,569,191. COOLING APPARATUS. HARRY D. LATHROP and WALTER H. PAULSON, Chicago, Ill.; said Paulson assignor to said Lathrop. Filed Oct. 23, 1922. Serial No. 596,285. 45 Claims. (Cl. 257—23.)



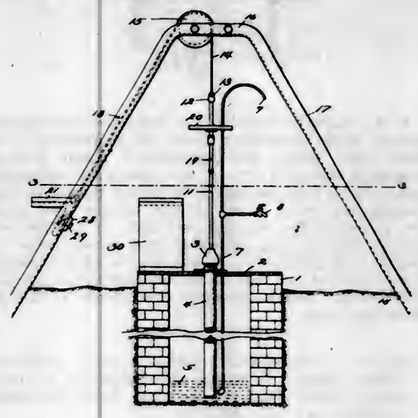
8. A cooling apparatus comprising means for conveying a plurality of heated articles therethrough; means arranged in cooperative relation with said articles for cooling same and automatically tempering the cooling medium to said articles during the operation of said apparatus; said means during a portion of the travel of said articles being directed to the outside thereof, and at another point in said travel being directed to both the inside and outside.

1,569,192. RAILROAD TIE. FREDERICK DUDLEY LEMAN, Raton, N. Mex. Filed Mar. 16, 1925. Serial No. 15,940. 6 Claims. (Cl. 238—95.)



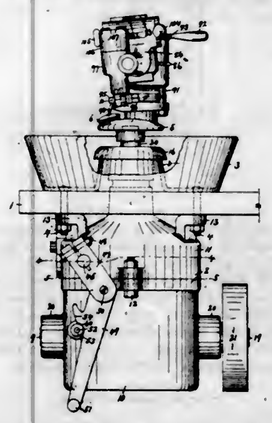
1. A rail tie comprising a body, a top plate movably positioned on the body and having side flanges contacting with the body, means for clamping rails on said top plate, fastening rods arranged at opposite sides of said body and having hooks engaged with the rails, and end plates receiving said rods and engaged with the ends of the body.

1,569,193. PUMP. ANDREW L. LEWIS, Petersburg, Va. Filed June 30, 1922. Serial No. 571,885. 1 Claim. (Cl. 103—212.)



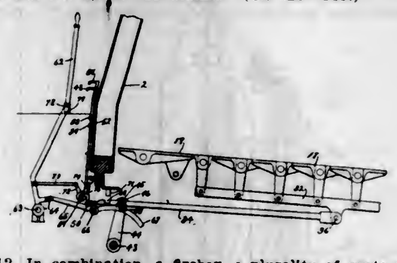
A pump comprising a cylinder, a reciprocatory plunger working in said cylinder, a plunger rod, a foot rest secured to said plunger rod, a pulley, a second foot rest, and flexible means passing over said pulley for securing said second foot rest to said plunger rod.

1,569,194. LENS GRINDING AND POLISHING MACHINE. ELI MAYNARD LONG, Geneva, N. Y., assignor, by mesne assignments, to The Standard Optical Company, Geneva, N. Y., Incorporated in New York in 1924. Filed Aug. 2, 1921. Serial No. 489,197. 12 Claims. (Cl. 51—124.)



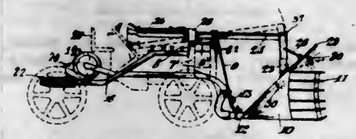
9. In a lens-grinding and polishing machine, a rotary lap-supporting spindle, a rotary lens-operating spindle adjustable laterally and angularly relatively to the lap-supporting spindle and provided with a pin at one side of the axis for engaging a lens-holder, and means for rocking the second-named spindle in reverse directions.

1,569,195. GRATE SHAKER. NATHAN M. LOWER, ALBERT R. CHALKER, and LONNIE EDWARD OSBORNE, Pittsburgh, Pa., assignors to Locomotive Stoker Company, a Corporation of Pennsylvania. Filed Jan. 22, 1925. Serial No. 3,914. 13 Claims. (Cl. 126—169.)



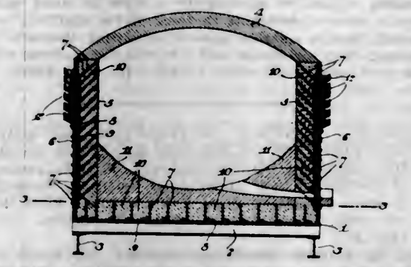
12. In combination, a firebox, a plurality of grate sections therefor, a movable member, power means for operating said member, links secured to said sections for operating the same, a control member for each grate section for selectively detachably connecting said links to said member, and a single lever for manually operating said sections.

1,569,196. INSECT EXTERMINATOR. JAMES A. MCDANIEL, Shawnee, Okla. Filed Dec. 5, 1922. Serial No. 605,040. 2 Claims. (Cl. 43—140.)



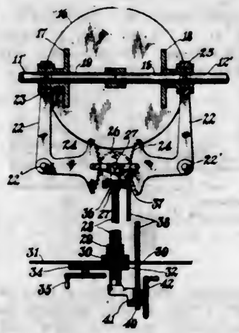
1. A machine adapted to carry illuminated traps in front of it, comprising a vehicle frame, a trap supporting frame in front of said vehicle, a series of traps mounted on said frame, means to illuminate said traps, a lever swiveled on said vehicle frame, connections between said lever and said supporting frame so as to provide for free vertical and lateral movement of the traps and supporting frame, a collector carried on the vehicle, pipes communicating with said traps, and collector means for creating a suction in said pipes for conveying insects from said traps and delivering the same in said collector.

1,569,197. FURNACE WALL AND LINING CONSTRUCTION. NORMAN E. MACCALLUM, Phoenixville, Pa. Filed Aug. 13, 1924. Serial No. 731,720. 5 Claims. (Cl. 263—46.)



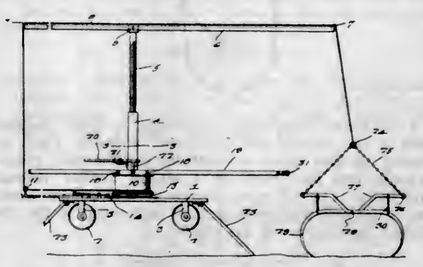
2. A furnace comprising a hearth, an exterior base plate for said hearth, a plurality of metal strips secured to and projecting inwardly and upwardly from said base plate, and a refractory material packed between said strips and said base binding plate into intimate binding contact with said plate.

1,569,198. VARIABLE POWER-TRANSMISSION MEANS FOR COMBINATION AIR WITHDRAWING AND DELIVERY APPARATUS. JAN MIKE, Dawson, N. Mex. Filed Apr. 12, 1924. Serial No. 706,049. 2 Claims. (Cl. 74—26.)



1. In a device of the class described, a pair of driven shafts, a friction drive disk, a pair of driven disks mounted on the respective shafts and engaging said drive disk on opposite sides of the centre thereof, bell crank levers connected to said driven disks to adjust them along the said shafts, gear elements on the other ends of said levers, a common gear meshing with said gear elements, and means for shifting said gear bodily to impart a common movement in one direction to said levers and for rotating said gear to impart unitary movement to said levers in relatively different directions, including a longitudinally movable rod on which said gear is mounted.

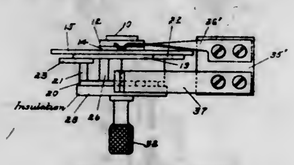
1,569,199. HAYSTACKER. LEVI S. MINERD, Howard, Kans. Filed June 5, 1924. Serial No. 718,057. 2 Claims. (Cl. 212—44.)



1. A device of the class described including a platform, a standard mounted on said platform and extending vertically therefrom, the upper end of said standard being provided with an adjustable section adapted to extend the length thereof, a beam mounted on said standard intermediate the ends and adapted to be adjusted in its height above the platform, by the adjusting of the standard, a drum rotatable on the standard on top of the platform, a lifting cable connected at one end with a gripping device, and extended over suitable pulleys at the ends of said beam, and connected at the opposite ends with said winding drum adapted for winding thereon, in the rotation of the drum, an operating bar rotatably mounted on the standard above said drum and adapted for engagement with projections formed on the upper ends of the drums to effect the rotation thereof in the rotation of the bar member about said standard, means for lifting said

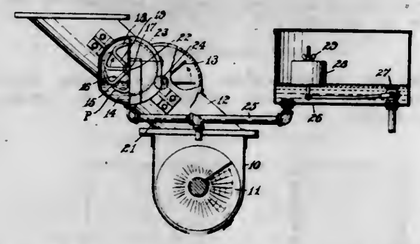
bar member upwardly on said standard to prevent engagement thereof with the projections on the drum, and braking means for the drum having a manually operable handle, operable to control the rotation of the drum.

1,569,200. TIME SWITCH. DOUGLAS L. PARKHURST, Washington, D. C. Filed Nov. 1, 1924. Serial No. 747,359½. 9 Claims. (Cl. 200—38.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



4. In an electrical time switch, a time shaft, a sleeve upon the shaft, a pair of disc members fixed upon the sleeve, a ring loosely mounted upon said sleeve and between said disc members, an elongated peripheral contact carried by one of said disc members and the ring, a stationary contact arm arranged to wipe said peripheral contacts, and means whereby the ring may be adjustably clamped to one side of one of said disc members.

1,569,201. GRAIN CONDITIONER. SCEBRON M. PIERSALL, Abilene, Kans. Filed July 14, 1924. Serial No. 725,798. 6 Claims. (Cl. 83—27.)



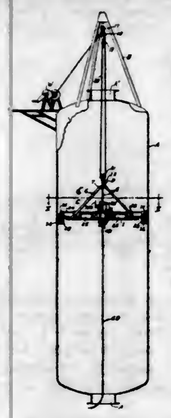
1. A grain conditioner comprising a chute inclined both to the vertical and horizontal, a paddle wheel arranged in said chute so that its paddles will project radially into the depth of a stream flowing through said chute, a water pump driven by said paddle wheel, and a delivery pipe leading from said pump to the discharge stream line of the chute.

1,569,202. MEDICAL PREPARATION. JULIUS R. PROCHNOW, San Antonio, Tex. Filed Nov. 10, 1923. Serial No. 674,035. 4 Claims. (Cl. 167—7.)

2. A preparation for internal use comprising a solution of the constituents of balsam copaiba, sweet spirits of nitre, and hexamethylene tetramine, with the formaldehyde produced in solution.

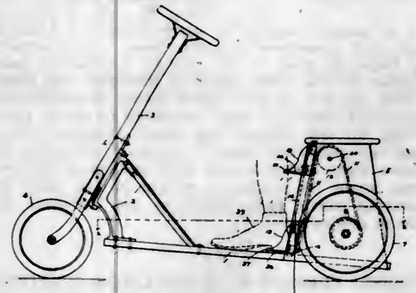
1,569,203. SCRAPING DEVICE. WAYNE P. RICE, HOWARD A. MERTZ, and CHESTER E. MOORE, Ponca City, Okla., assignors to Marland Refining Company, Ponca City, Okla., a Corporation of Oklahoma. Filed Nov. 21, 1923. Serial No. 676,193. 16 Claims. (Cl. 15—104.13.)

2. A device for removing solid matter from the walls of stills and the like, comprising a member adapted to be introduced into a still, rotatable means mounted on said member and adapted to contact with a wall of



said still, and means whereby said rotatable means may be rotated while in contact with said still wall, thus rotating said member.

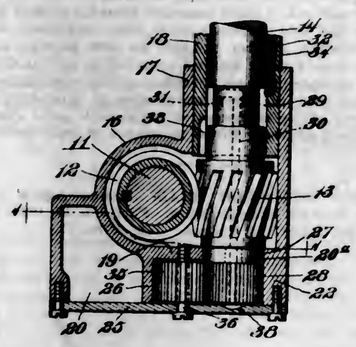
1,569,204. VELOCIPEDE. SAMUEL L. ROGERS, San Francisco, Calif., assignor to Julien A. Bried, Oakland, Calif. Filed Oct. 6, 1923. Serial No. 666,978. 13 Claims. (Cl. 208—38.)



1. In a velocipede, a front steering wheel, a rear driving road wheel, framing connecting the wheels including a platform adapted for a rider to stand upon, and a movable device at the rear of the platform connected through suitable power transmitting elements for driving the rear wheel and adapted for movement by the heel only of the rider to drive the rear wheel.

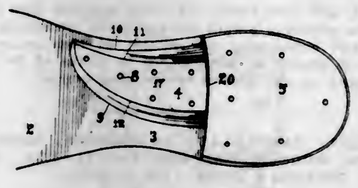
1,569,205. IGNITION DISTRIBUTOR MOUNTING AND PUMP FOR OILING THE BEARINGS THEREOF. ARTHUR L. SANDIN, Bismarck, N. Dak., assignor of one-half to Lahr Motor Sales Company, Bismarck, N. Dak., a Corporation of North Dakota. Filed Mar. 19, 1925. Serial No. 16,783. 7 Claims. (Cl. 184—27.)

1. An ignition distributor mounting and means for oiling the same comprising in combination a distributor shaft having a worm gear and a generator shaft having a worm for coaction with the gear, a housing for the adjacent ends of said shafts adapted to be secured to the generator and providing beneath the generator shaft a reservoir, the lower end of the distributor shaft being projected into said reservoir and formed to provide one end of a gear pump, a second gear for the gear pump meshing with the gear of the distributor shaft to be driven thereby and a longitudinal port formed in the distributor shaft to provide an outlet from the gear pump and communicating with bearings



of the distributor shaft, the bearings of the distributor shaft including upper and lower sections, the distributor shaft intermediate said sections having a groove into which said port discharges and a wick mounted in the bearing wall of the upper bearing and extending into said groove.

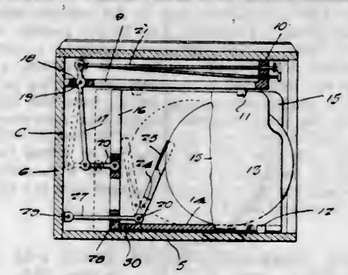
1,569,206. ARCH SUPPORTER. LAWRENCE E. SCRANNAGE, Philadelphia, Pa. Filed July 5, 1924. Serial No. 724,331. 1 Claim. (Cl. 36—76.)



As a new article of manufacture, an arch support for foot-wear comprising a single piece of rubber adapted to be secured to the shank of a shoe and having curved longitudinal edges converging toward one end thereof, the upper surface of the support being curved longitudinally to fit the shank of the shoe and the lower surface of said support being flat and in a plane with the tread portion and the heel of said shoe, the said upper surface being also curved laterally and having lateral depressions to the depth of the neutral axis, and the said support having the marginal edges of the upper surface thereof extending beyond the marginal edges of the lower surface.

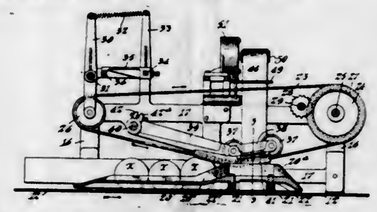
1,569,207. PHONOGRAPH-RECORD EJECTOR. SAMUEL V. SEARS, Falls City, Nebr. Filed Mar. 27, 1925. Serial No. 18,752. 3 Claims. (Cl. 211—16.)

1. In combination, a cabinet, a record holder slidable in the cabinet, a lever pivoted in the cabinet, a push rod for swinging the lever, a link connecting the lever with the holder, an arm pivoted on the holder intermediate its ends, a rod connecting one end of the arm to the cabinet whereby when said first mentioned rod



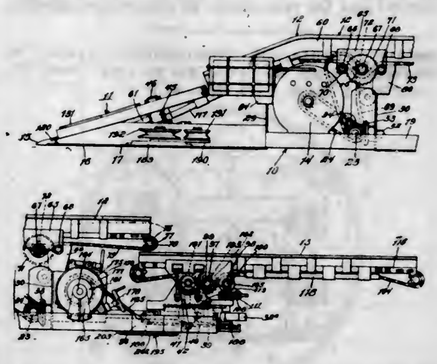
is actuated to swing the lever for pushing the holder outwardly of the cabinet, said arm is swung for projecting a record from the holder.

1,569,208. FRUIT-MARKING MACHINE. FREDERICK J. SÉVIGNÉ, Milford, N. H. Filed Aug. 5, 1925. Serial No. 48,264. 14 Claims. (Cl. 101—35.)



12. The combination with a horizontal carrier, of a guideway in close proximity thereto for directing a row of oranges advanced by said carrier, a feeder belt above the carrier and positioned relatively thereto to engage the tops of oranges successively advanced by the carrier, a marker in line with the guideway between the carrier and feeder belt, and a pivoted arm having a plurality of rolls in tandem bearing on the operative run of the feeder belt above the marker.

1,569,209. CONVEYER. CHARLES W. SHANABERGER, Indiana, Pa., assignor of two-thirds to John Barnes, Philadelphia, Pa. Filed June 9, 1925. Serial No. 36,034. 26 Claims. (Cl. 198—8.)



1. In a loading machine of the type described, a stationary conveyer structure, a movable conveyer structure, a drive for the conveyer of the stationary conveyer structure, a connection between the drive and the conveyer of

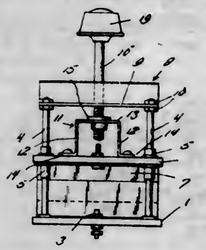
the movable conveyer structure permitting rotation of the movable conveyer structure about a vertical axis through 180° and adjustment of the movable conveyer structure about a horizontal axis in any position of the conveyer about its vertical axis, including a turntable upon which the movable conveyer is mounted, a gear axial to the turntable, a turntable base having mounted therein a shaft continuously driven from the drive, a pinion on the shaft meshing with the gear and connectible to the shaft to be driven thereby, a horizontal shaft operatively connected with said gear to be driven thereby, bearings for said horizontal shaft, and a mounting for the movable conveyer rotatably engaged with the bearings of the horizontal shaft.

1,569,210. REEL-CONTROLLING MEANS FOR CASTING RODS. OTTO G. SNYDER, Dayton, Ohio. Filed Apr. 3, 1925. Serial No. 20,517. 3 Claims. (Cl. 242—84.5.)



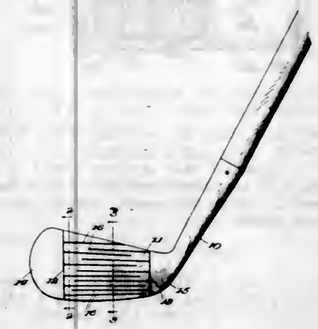
1. In a device of the type described, a reel post, a reel freely mounted on the outer end of said post, a sleeve rotatably and longitudinally movable on said post and in normal engagement with said reel, cam means on said post within the sleeve to draw the latter from engagement with the reel when said sleeve is turned, an abutment on the inner end of said post, and resilient means surrounding the post within the sleeve between said abutment and the cam means, for the purpose specified.

1,569,211. VARIABLE CONDENSER. ELMER W. SPENCER, Hemple, Mo. Filed May 16, 1924. Serial No. 713,760. 1 Claim. (Cl. 250—41.)



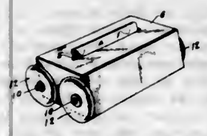
A variable condenser comprising a base of rectangular form, a plurality of rods mounted at the corner portions of said base and extending laterally therefrom in spaced parallel relation, a plurality of parallel spaced condenser plates mounted on said base and extending therefrom in lateral relation, a movable plate having guides slidably fitting said rods, a plurality of spaced parallel condenser plates mounted on said movable plate and projecting laterally therefrom adapted for movement in all of the relations and in spaced relation between the condenser plates mounted on said base member, a plate member removably mounted on the end portions of said rod, a shaft rotatably mounted in said plate member and held therein against axial movement, a U-shaped bracket member mounted on said movable plate member, and a block member mounted in said U-shaped bracket member having a threaded opening threadedly cooperating with the threaded portion of said shaft for effecting a sliding movement of the movable plate member on said rod on the rotative movement of said shaft.

1,569,212. GOLF-CLUB HEAD. JAMES ABRAM GARFIELD AITKEN, Holyoke, Mass. Filed Jan. 17, 1925. Serial No. 3,133. 5 Claims. (Cl. 273—77.)



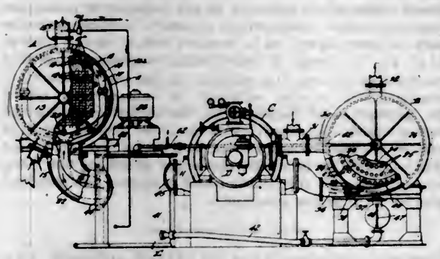
1. A golf club having its blade provided with facial grooves extending toward one another in alternating relation and overlapping one another at their inner portions to provide an area shaded by virtue of the close proximity of the grooves where they overlap.

1,569,213. RAZOR-BLADE SHARPENER. SAMUEL S. BAER, Baltimore, Md. Filed Dec. 18, 1924. Serial No. 756,840. 4 Claims. (Cl. 51—86.)



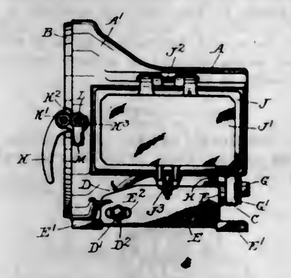
2. In a sharpening device, the combination of two spaced sharpening rollers each provided with journals and with traction rollers, and a box having bearings for said journals, the sharpening surface of each sharpening roller being enclosed within said box, the traction rollers extending below the bottom of the box, the top of the box having a slot within which part of the blade may be inserted and tilted on the edges of the slot alternately in opposite directions into contact with the sharpening surfaces of the sharpening rollers while the remainder of the blade is grasped and used to propel the device in opposite directions over a surface and for effecting the tilting of the blade on said edges of the slot.

1,569,214. REFRIGERATING SYSTEM. WILLIS H. CARRIER, Essex Fells, N. J., assignor to Carrier Engineering Corporation, Newark, N. J. Filed Sept. 2, 1922. Serial No. 585,999. 36 Claims. (Cl. 62—115.)



1. In a refrigerating system employing a volatile liquid refrigerant, the combination with an evaporator for the liquid refrigerant, a condenser for the refrigerant vapor, a compressor which withdraws the refrigerant vapor from the evaporator and delivers it at a higher pressure to the condenser, and means for returning the liquefied refrigerant from the condenser to the evaporator, of means which produces a circulation of a relatively small volume of the liquid refrigerant, means for delivering refrigerant vapor and any noncondensible gas therein from the condenser into said circulating liquid refrigerant, means for condensing the refrigerant vapor in such circulating liquid to separate it from said noncondensible gas, and means for the escape of said noncondensible gas from the system.

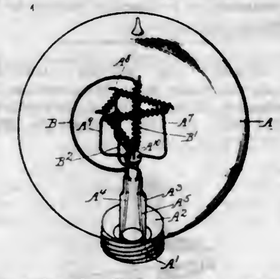
1,569,215. HEADLIGHT CASING. CHARLES W. DAKE, Chicago, Ill., assignor to The Pyle-National Company, Chicago, Ill., a Corporation of New Jersey. Filed Aug. 11, 1922. Serial No. 581,081. 7 Claims. (Cl. 240—41.)



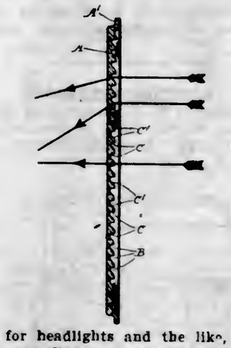
1. In combination in a locomotive light, a light casing and a supporting bed upon which it is mounted and means for adjusting the casing vertically and laterally with relation to said bed, said means including slots in the side of and adjacent the forward end of said bed, and lugs on said casing adapted to be supported from said slots to permit vertical pivotal movement of the casing with relation to the bed and adapted to be moved lengthwise from said slots to permit lateral rotation of the casing.

1,569,216. ELECTRIC LIGHT. CHARLES W. DAKE, Chicago, Ill. Filed Feb. 23, 1923. Serial No. 620,561. 5 Claims. (Cl. 176—40.)

1. In an electric light globe, a base, a support projecting upwardly therefrom within said globe, a longitudinal filament section upwardly projecting from said base, a holding hook adapted to hold the outer end of said longitudinal section, a plurality of transverse filament sections located in a single plane intermediate the ends of and perpendicular to the longitudinal section and surrounding it, and a plurality of hooks upwardly and outwardly projecting from said support, adapted to support said transverse sections.

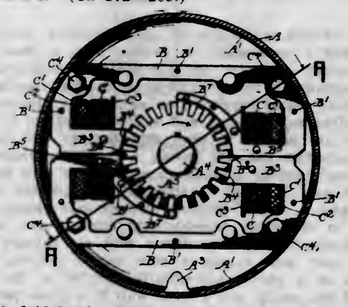


1,569,217. LENS FOR HEADLIGHTS. CHARLES W. DAKE, Chicago, Ill. Filed Feb. 23, 1923. Serial No. 620,563. 1 Claim. (Cl. 240—48.4.)



In a lens for headlights and the like, a plurality of corrugations extending outwardly and upwardly from the central vertical axis of the lens, each individual corrugation comprising a wall substantially parallel to the line of approach of the rays, and a face extending from the top of one wall to the bottom of the next, comprising reversed curves meeting intermediate said walls, the portions of said face adjacent the walls forming relatively extended surfaces conforming substantially to planes perpendicular to the axis of approach of the rays.

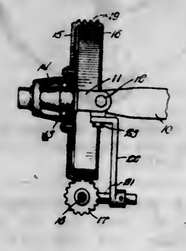
1,569,218. ELECTRIC MACHINE. CHARLES W. DAKE, Chicago, Ill. Filed Dec. 10, 1923. Serial No. 679,526. 8 Claims. (Cl. 171—209.)



1. A field lamination for electric machines comprising a transverse element having a laterally extended portion at either end and pole pieces inwardly extending sub-

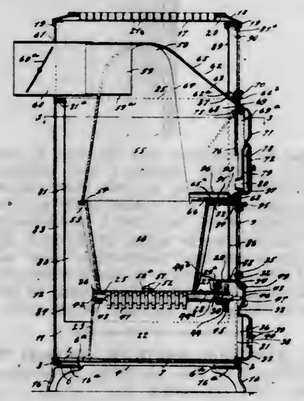
stantially parallel with the transverse element from such opposed lateral extensions, the pole pieces being of different width measured in a direction normal to the transverse element.

1,569,219. BRAKE AND METER CONSTRUCTION. ADIEL Y. DODGE, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 13, 1924. Serial No. 698,860. 8 Claims. (Cl. 74—7.)



2. An automobile brake drum having a circumferentially-extending heat-radiating worm thread at its periphery.

1,569,220. HEATING APPARATUS. EDWARD R. DOWNE, Larchmont, N. Y., assignor to The Fox Furnace Company, Elyria, Ohio, a Corporation of Ohio. Filed Jan. 30, 1924. Serial No. 689,418. 12 Claims. (Cl. 126—67.)

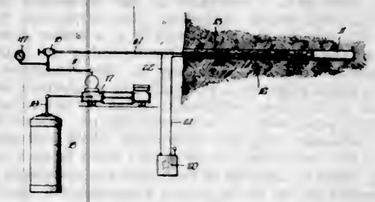


1. A heating apparatus of the character described, comprising a rectangular supporting base, a heat-emitting element supported on said base and including an ash receptacle, a fire-pot and a combustion chamber, a rectangular casing supported on said base structure and surrounding said element and spaced therefrom to provide an air passage between said element and casing, said combustion chamber having a forwardly projecting fuel throat opening through an aperture in said casing, and the ash receptacle having an open portion registering with a second opening through said casing, and a wall in the space between said element and casing and spaced therefrom to divide said air passage vertically, said wall having a rear curved portion, said portions in a plane substantially parallel to the side walls of the casing, and a front wall in a plane parallel to the front wall of the casing, the front portion of said wall having an opening through which said fuel throat projects.

1,569,221. MANUFACTURE OF LACTIC ACID. STANLEY E. FAITHFULL, Boston, Mass. Filed May 8, 1924. Serial No. 711,894. 12 Claims. (Cl. 260—120.)

1. In the process of making lactic acid by the fermentation of an acid liquor containing somewhat hydrolyzed carbohydrate material, in the presence of lactic acid bacteria, while preventing excessive accumulation of acid in said liquor, at a temperature of about 112 to 114° F., the steps of introducing a gaseous oxidising material containing free oxygen, during the fermentation treatment, in amount sufficient to substantially retard the production of butyric acid, thereafter rendering the liquor alkaline and heating to near the boiling point of water, whereby remaining carbohydrates are converted into caramel-like products, thereafter adjusting the H-ion concentration in the solution and removing proteins and similar nitrogenous substances.

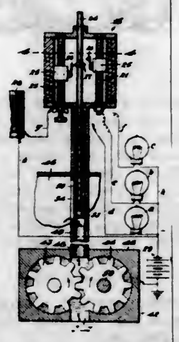
1,569,222. COMBINATION BLASTING METHOD AND MEANS. DENT FERRELL and ARTHUR W. HELMHOLTZ, Harrisburg, Ill. Filed Mar. 16, 1925. Serial No. 15,728. 10 Claims. (Cl. 102—5.)



1. The method of blasting which comprises inserting into a drill hole a closed container, connecting the container to a source of fluid supply, forcing fluid into the closed container under pressure, and applying to said fluid a gasifying heat, the gasification producing a pressure sufficient to rupture a wall of the container.

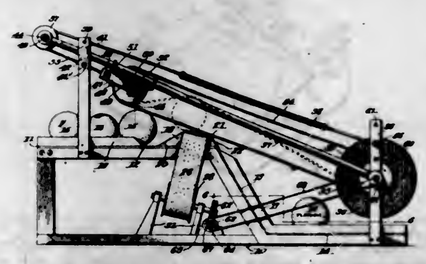
10. Apparatus for blasting comprising a rigid container, electrical means in the container adapted to cause the liberation of heat, a source of fluid supply, means adapted to force said fluid under pressure into the container, and means adapted to supply electricity to the electrical means in the container.

1,569,223. VEHICLE SPEED INDICATOR. CHARLES GORE, Los Angeles, Calif. Filed July 22, 1922. Serial No. 576,835. 3 Claims. (Cl. 175—335.)



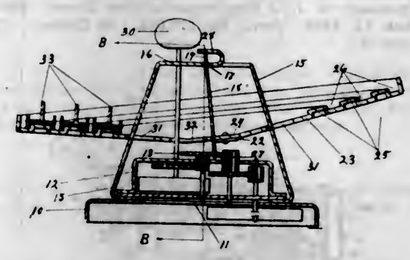
1. In a device for indicating and controlling speeds of vehicles, a liquid-containing chamber, a pump having an inlet communicating with said chamber, a tube leading from the outlet of said pump having a side opening communicating with said chamber, a spring pressed reciprocal bar extending longitudinally into said tube, a piston on said bar, a wiper contact on said bar, means for driving said bar by propulsion of a vehicle whereby liquid will be forced against the piston in the tube to effect upward movement of the bar, said piston in moving upward uncovering the opening in said tube whereby liquid may pass from the tube to the chamber, and means controlled by the wiper contact for signaling when the vehicle has reached a predetermined speed.

1,569,224. FRUIT-MARKING MACHINE. ARTHUR B. HALE, Tampa, Fla., assignor, by mesne assignments, to F. J. Sévigné Machine Company, Nashua, N. H., a Corporation of New Hampshire. Filed Apr. 8, 1924. Serial No. 704,978. 18 Claims. (Cl. 101—40.)



1. A marking machine having a conveyor, stationary marking means for articles advanced by the conveyor, one of said means being displaceable through engagement with an article to prevent premature advancement of a succeeding article with respect to the marking means, and stationary means for temporarily arresting each article as it approaches the marking means.

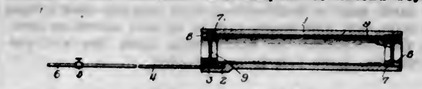
1,569,225. MECHANICAL TOY. LESTER S. GUNDERMAN, Pittsburgh, Pa. Filed Mar. 8, 1924. Serial No. 697,740. 9 Claims. (Cl. 272—35.)



1. A toy comprising a base, an inverted U-shaped member mounted in the base, a spring motor including a driving gear in said U-shaped member, an upright member eccentrically mounted and freely movable in said driving gear and movable on said U-shaped member, a disc attached to said upright member, tracks forming a structurally integral portion of said disc, and playing pieces adapted to travel on said tracks.

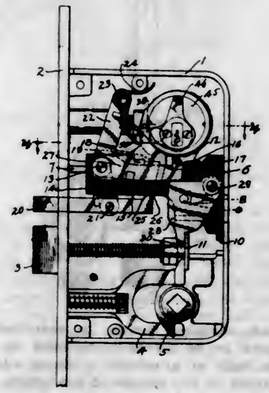
1,569,226. MECHANICAL PRESSURE DEVICE. ARTHUR W. HELMHOLTZ and DENT FERRELL, Harrisburg, Ill. Filed Oct. 17, 1924. Serial No. 744,184. 6 Claims. (Cl. 102—5.)

4. Blasting apparatus, comprising a cylindrical closed container, adapted to fit in a drill hole, an end of said container being removable and replaceable and being of less strength than the walls of the cylinder, a pipe connected to the container and adapted to extend beyond



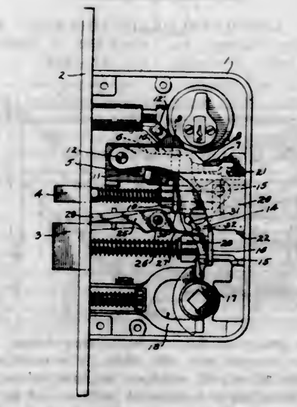
the drill hole, means for supplying fluid under pressure to the pipe and means for controlling the flow of the fluid through the pipe.

1,569,227. LOCK. NORMAN B. HURD, New Britain, Conn., assignor to The American Hardware Corporation, New Britain, Conn., a Corporation of Connecticut. Filed Mar. 18, 1925. Serial No. 16,300. 6 Claims. (Cl. 70—92.)



1. In a lock, a lock case, a latch carried by said case, means for locking said latch in projected position, tumbler means for locking said means in one position, and an auxiliary latch for dogging said tumbler to prevent actuation of said means when the auxiliary latch is projected.

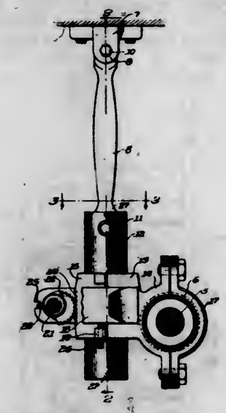
1,569,228. LOCK. NORMAN B. HURD, New Britain, Conn., assignor to The American Hardware Corporation, New Britain, Conn., a Corporation of Connecticut. Filed July 13, 1925. Serial No. 43,187. 4 Claims. (Cl. 70—92.)



1. In a lock, a lock case, a slide bolt therein, a latch bolt in the case, a key-controlled member, means carried by said slide bolt and operable by said key-

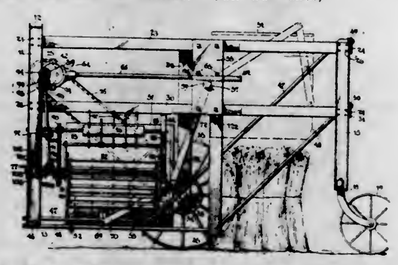
controlled member, an operating member to be engaged by said means and to be operated thereby for retracting the latch bolt, a dead-locking latch dog for dead-locking the latch bolt and means carried by said operating member for retracting the dead-locking latch dog and permitting the latch bolt to be retracted.

1,569,229. SHOCK ABSORBER. FRANCIS HERBERT JONES, Cicero, Ill. Filed Mar. 5, 1925. Serial No. 13,297. 6 Claims. (Cl. 188—129.)



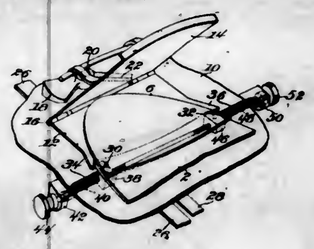
1. A shock absorber having, in combination, a cylinder adapted to be pivotally mounted on the underside of the body of a vehicle, a clamp adapted to be rigidly mounted on the chassis of the vehicle and loosely embracing said cylinder, said clamp having a pair of spaced arms extending beyond opposite sides of said cylinder, a movable clamp shoe loosely mounted between said arms and adapted to frictionally engage one side of said cylinder, said shoe having vertical rack teeth formed on its outer side, a cam gear pivotally mounted between said arms and meshing with said rack, said cam gear being disposed to cause a lateral pressure against said shoe as the latter is moved upwardly, to force said shoe into frictional engagement with said cylinder, and spring means tending to hold said cam gear in engagement with said shoe.

1,569,230. AUTOMATIC GRAIN SHOCKER. ALBIN P. LOFSTRAND, Chicago, Ill. Filed Feb. 9, 1924. Serial No. 691,668. 9 Claims. (Cl. 56—424.)



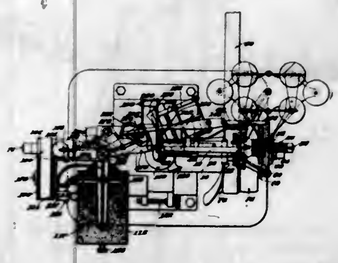
1. In a grain shocker, a supporting frame mounted on carrier wheels one of which is a traction wheel, guide tracks in spaced relation mounted on said frame and each including a horizontal portion and an inclined portion, a receptacle for the bundles of grain and having guide pulleys engaging said tracks, rock shafts mounted on said supporting frame, arms carried by said rock shafts, links connecting said arms to said bundle receptacle, and means for intermittently transmitting the motion of said traction wheel to said rock shafts to cause said receptacles to be moved upon said tracks into discharging position and returned to receiving position.

1,569,231. SHOEMAKING. BENJAMIN F. MAYO, Salem, Mass.; Etta Mayo, Salem, Mass., executrix of said Benjamin F. Mayo, deceased, assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Oct. 24, 1917, Serial No. 198,199. Renewed June 19, 1922. Serial No. 569,575. 19 Claims. (Cl. 12—142.)



1. A method of relatively positioning two parts of the upper of a shoe and securing the same together which comprises making gaging perforations in each of said parts at predetermined points, extending the parts to their proper lateral dimensions, relatively locating the parts at all points adjacent the line along which the fastenings are to be inserted, and holding the same extended to their proper lateral dimensions by inserting in said gaging perforations gaging tools located in predetermined relative positions, and inserting fastenings to secure the parts together.

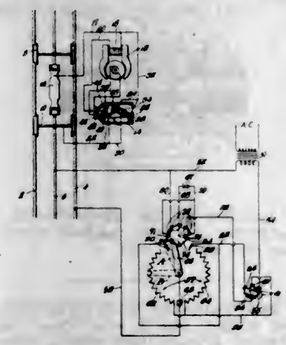
1,569,232. MACHINE FOR OPERATING ON PIECES OF SHEET MATERIAL. BENJAMIN F. MAYO, Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Feb. 14, 1919. Serial No. 277,083. 55 Claims. (Cl. 112—2.)



39. In a machine of the class described the combination of a carrier, means acting to place on the carrier in predetermined relation to each other parts of a shoe upper to be stitched together, and a stitching mechanism for stitching said parts together.

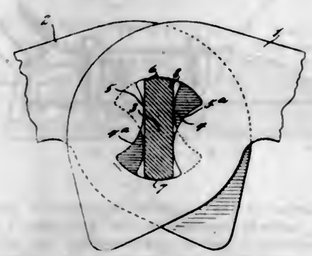
1,569,233. TOY ELECTRIC RAILWAY. HARRY E. MORTON, Hyde Park, Mass. Filed Feb. 19, 1925. Serial No. 10,239. 20 Claims. (Cl. 104—151.)

4. A toy electric railway having, in combination, a locomotive, a lead and a return conductor for the locomotive, a motor on the locomotive, a circuit adapted to be energized by alternating current connected with the conductors for operating the motor, a direct current circuit connected with the conductors, a reversing



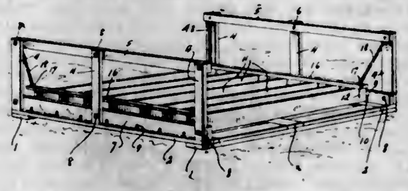
switch in the direct circuit, and means on the locomotive operated upon reversal of the direct current for reversing the direction of travel of the locomotive.

1,569,234. CHAIN AND PARTS THEREFOR. FRIEDRICH MÜLLER, Elizabeth, N. J., assignor to The Whitney Mfg. Co., Hartford, Conn., a Corporation of Connecticut. Filed Nov. 9, 1923. Serial No. 673,655. 5 Claims. (Cl. 74—32.)



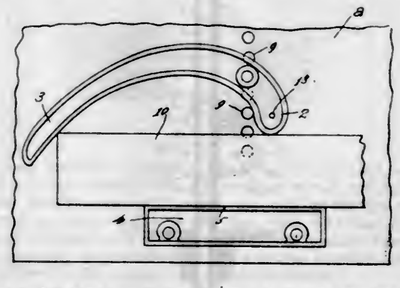
1. In a chain of the silent link type, a plurality of overlapping links, elongated openings through the ends of said links, having segmental sides and ends and a flat pin with parallel sides in said openings.

1,569,235. CATTLE GUARD. WILLIS B. PLUNKETT, Clayton, N. Mex. Filed Apr. 1, 1924. Serial No. 703,455. 1 Claim. (Cl. 39—6.)



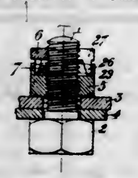
A cattle guard comprising, in combination, side sills, cross slats positioned between said sills, said slats and side sills having coacting means for supporting said slats for swinging movement in a vertical direction, bars operatively engaged with the opposite end portions of the slats to cause the same to swing in unison, an upstanding guard structure carried by each of the sills and extending therealong, and retractile members operatively engaged with the opposite end portions of the bars and with the guards, said retractile members normally maintaining the slats in their raised position but without undue tension thereon, said retractile members being placed under tension upon downward swinging movement of the slats.

1,569,236. BENCH VISE. JACK PUTERBAUGH, Cincinnati, Ohio. Filed Sept. 26, 1923. Serial No. 664,873. 1 Claim. (Cl. 144—307.)



A bench vise comprising in combination, a cam shaped lever having a fulcrum stud adapted to seat in holes in the top of a work bench, a straight sided member having posts extending from the base thereof off a center line extending longitudinally of the said member, said posts adapted to seat in holes in the table top, with either longitudinal edge of the member toward the lever, said lever and straight sided member adapted to act as a vise, a long arm of the lever being adapted to be so moved as to cause the cam portion of the lever to move toward the straight sided member.

1,569,237. LOCK NUT. LEOPOLD RAVIER, Paris, France. Original application filed Dec. 15, 1920, Serial No. 430,813. Divided and this application filed Nov. 2, 1922. Serial No. 598,507. 7 Claims. (Cl. 151—19.)

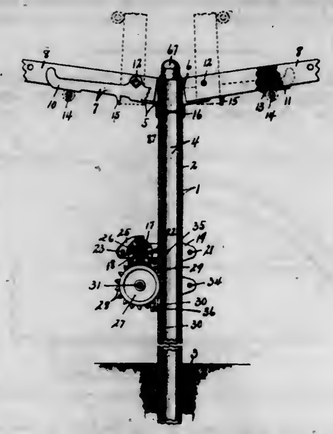


1. In a nut-lock device, the combination of a nut, an extensible lock-nut in engagement with said nut, and an extensible conical ring both in engagement with the stem of a tightening member, e. g. a screw bolt, and a conical surface of said lock-nut, said ring being separate from said nut.

1,569,238. CLOTHESRACK. DWIGHT E. REYNOLDS, Liverpool, N. Y. Filed Aug. 30, 1923. Serial No. 660,188. 1 Claim. (Cl. 68—34.)

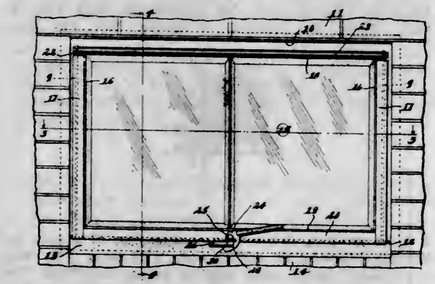
A clothes-rack comprising a post, a casting having a hub mounted upon the post, and a plurality of channel bars radiating from the hub, each of said channel-bars comprising spaced substantially parallel side members and an open bottom except for a pair of spaced cross-members connecting said side members, the inner one of said cross-members having a flat substantially vertically disposed surface, an arm mounted in the channel of each of said radiating bars and adapted to rest upon its respective spaced cross-members at one of its limits of movements and adapted to contact with the flat verti-

cal surface of the inner cross-bar at its other limit of movement, means for pivotally connecting each arm to its respective channel-bar each bar being provided with



a rotatable member movable through the open bottom of its channel bar and between the cross-members and adapted to be turned to a position to lock its arm to the respective channel-bar.

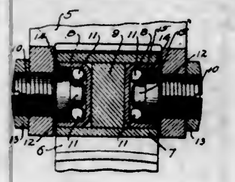
1,569,239. WINDOW STRUCTURE. EDWARD M. RUNDGREN, Chicago, Ill., assignor to Western Architectural Iron Company, Chicago, Ill. Filed Feb. 16, 1925. Serial No. 9,384. 9 Claims. (Cl. 189—69.)



1. A window structure including a frame provided with axis receiving members, a sash arranged in the frame, and an axis with turning fit in said receiving members extending along one side of the sash and forming a weatherproof strip between the frame and sash, substantially as described.

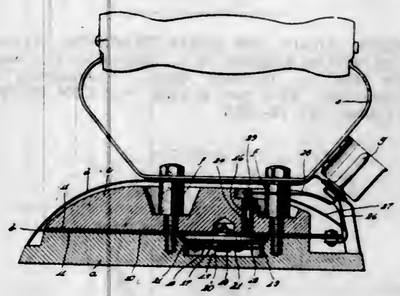
1,569,240. VEHICLE SPRING BEARING. RAYMOND R. SEARLES, New Britain, Conn., assignor to The Fafnir Bearing Company, New Britain, Conn., a Corporation of Connecticut. Filed Feb. 7, 1925. Serial No. 7,640. 9 Claims. (Cl. 267—54.)

1. In a vehicle spring bearing and in combination with a vehicle frame and spring, said frame having spaced apart portions with apertures therein, bearing pins secured in said apertures and extending toward each other, said spring having an eye thereon, means within said



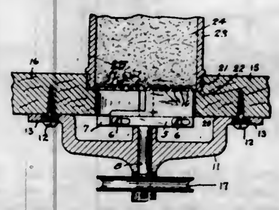
spring eye including bearing cups extending over said inwardly projecting pin ends and anti-fricton members between said cups and pin ends.

1,569,241. ELECTRICALLY-HEATED DEVICE. JOSEPH FREDERICK SMART, New Britain, Conn., assignor to Landers, Frary & Clark, New Britain, Conn., a Corporation of Connecticut. Filed Aug. 11, 1923. Serial No. 656,869. 1 Claim. (Cl. 219—25.)



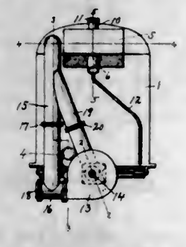
In a device of the character described, a sole plate having a centrally disposed recess, a weight, a heating element interposed between said weight and sole plate, terminals, leads from said terminals to the respective ends of said heating element, a thermal circuit breaker removably positioned in said recess, tubular connectors exending through said weight, screws for securing the lower ends of said connectors to said breaker, and screws for connecting the upper ends of said connectors in one of said leads.

1,569,242. SCORING DEVICE. JULIUS W. SMITH, Seattle, Wash. Filed Oct. 29, 1924. Serial No. 746,707. 8 Claims. (Cl. 18—5.)



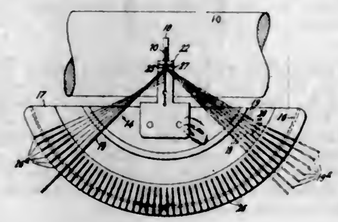
1. The method of scoring the surface of a plastic material disposed in a circular container which consists in presenting said surface of plastic material to revolving blade having projecting teeth thereon.

1,569,243. WATER-COOLING SYSTEM FOR INTERNAL-COMBUSTION ENGINES. HARRY B. STODDARD, Syracuse, N. Y., assignor of one-tenth to Frank J. Crispin, Syracuse, N. Y. Filed Feb. 25, 1925. Serial No. 11,474. 6 Claims. (Cl. 257—126.)



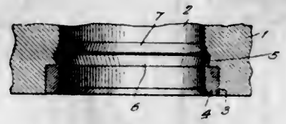
1. In a cooling system for internal combustion engines having a water jacket, an upright radiator shell having a water chamber communicating with the water jacket of the engine for the circulation of water therethrough, a series of upright air tubes extending vertically through the water chamber and open at the bottom to the atmosphere, an air chamber covering the upper ends of the tubes and communicating therewith, an air pump, a conduit connecting the intake side of the pump to said air chamber, and an additional pipe connecting the outlet of the pump to the atmosphere whereby the air will be positively circulated from the bottom upwardly through the air tubes of the radiator.

1,569,244. TYPEWRITING MACHINE. JOHN WALDHEIM, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Feb. 16, 1923. Serial No. 619,394. 3 Claims. (Cl. 197—22.)



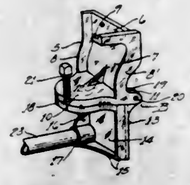
1. In a typewriting machine, the combination with a platen, of a system of about forty-six type-bars printing at a common point against said platen, a type-bar segment, and a curved wire on said segment to support said type-bars and form their pivots, said segment having equally spaced slots occupying about 120°, in which slots the type-bars are arranged, the type-bars being bent at their forward ends at increasing angular distances from their bodies, type-blocks on the ends of the type-bars, the rear ends of all of the type-bars being perpendicular to the type-bar segment, the type-bars being divided into three groups, namely, a main middle group, which comprises nearly all of the type-bars, and two side groups, each of which comprises comparatively few type-bars, the bodies of the type-bars of the middle group being straight so that the spacing of the type-bars of said middle group, at their bent ends, corresponds with their spacing at the segment, the spacing of the type-bars of each side group varying at their bent ends from the spacing at the segment, a type-bar basket, the type-bars of each side group being bent in front of the segment, so that the bodies of said last-named type-bars fan outwardly towards their bent forward ends, the extent of fanning of each extreme bar being sufficient to provide space for three type-blocks in the type-bar basket beyond the extended plane of that portion of the last-named type-bar which is perpendicular to the type-bar segment.

1,569,245. INTERNAL-COMBUSTION ENGINE. ANDREW V. D. WILLGOOS, Upper Montclair, N. J., assignor to Wright Aeronautical Corporation, a Corporation of New York. Filed Apr. 17, 1925. Serial No. 23,858. 1 Claim. (Cl. 123—188.)



In an internal combustion engine, a cylinder head having a valve passage with an annular recess therein, a valve seat set into said recess, the wall of the passage having a groove adjacent the seat, said seat having a flange expanded into said groove, and said passage having a chamfered portion leading to said groove to avoid sharp shoulders in the passage caused by the flange.

1,569,246. SPRING MATTRESS. HARRY M. YOUNG, St. Louis, Mo., assignor to Western Wire Products Company, St. Louis, Mo., a Corporation of Missouri. Filed Dec. 14, 1923. Serial No. 680,639. 3 Claims. (Cl. 5—213.)

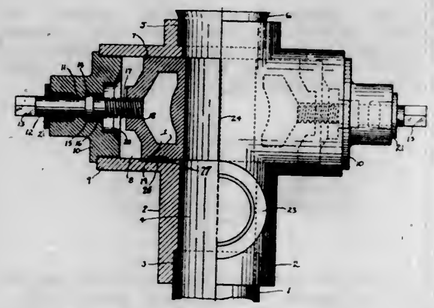


1. A spring-mattress body-adjusting bracket comprising a first casting including a main wall for engagement with the head rail of the mattress, a bottom wall projecting rearwardly from, and approximately at right angles to, the lower margin of said main wall, and pintle-ears projecting forwardly from and also at the lower margin of said main wall, a second casting also including a main wall for engagement with a side rail of the mattress, an upper wall projecting rearwardly from, and approximately at right angles to, the upper margin of said second main wall, and pintle-ears projecting forwardly from and at the upper margin of said second main wall, a pintle having engagement with the ears of said castings for hingedly securing the same together with said upper and lower walls in opposed relation, and a screw-member seated in one of said opposing walls and adapted for engagement with the other opposing wall for hingedly shifting the castings relatively to each other.

1,569,247. BLOW-OUT PREVENTER. JAMES S. ABERCROMBIE and HARRY S. CAMERON, Houston, Tex. Filed Apr. 14, 1922. Serial No. 552,522. 1 Claim. (Cl. 277—1.)

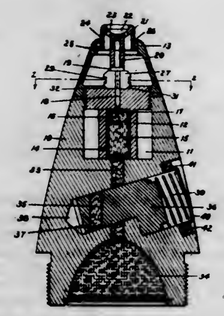
In a blow-out preventer for oil wells, a housing adapted for attachment at the upper end of the well casing, laterally extending opposite cylinders on said housing, cylindrical valves therein, nuts, closing the outer ends of said cylinders, valve stems held against axial move-

ment in said nuts and having a threaded engagement with said valves, means to prevent rotation of said valves, said valves being formed with semi-cylindrical forward



faces, to fit about the drill stem and close the passage between said drill stem and the inner walls of said housing.

1,569,248. SUPERSENSITIVE FUSE. ARTHUR ADELMAN, Chesaning, Mich. Filed Feb. 19, 1925. Serial No. 10,341. 3 Claims. (Cl. 102—39.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)

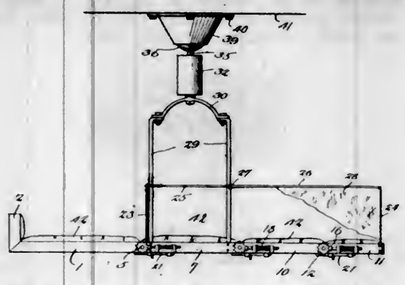


2. A fuse including a body formed with a forward cavity, a hollow head marginally seated on the body, a member for maintaining the assembly and abutting against the floor of the cavity, and a firing mechanism supported by said member.

3. A fuse including a body, an interrupted powder train disposed axially of the body, a cylindrical member slidable transversely of the body, said member formed with an extension, a connecting element of the powder train in the extension and said extension being eccentric to prevent rotation and insure axial alignment of the powder train.

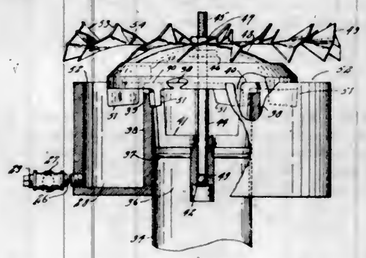
1,569,249. SWING CHAIR AND BED. ANTON AXEL ANTHONY, Memphis, Tenn. Filed Dec. 18, 1924. Serial No. 756,768. 6 Claims. (Cl. 114—193.)

1. In a device of the class described, a support for an occupant, means for suspending the support yieldingly, said means comprising a casing, a plunger adapted for reciprocation within said casing, a head upon said



plunger, and a spring encircling said plunger between said head and an end of said casing, and means for suspending the support for universal swinging movement.

1,569,250. COMBUSTION APPARATUS. WILLIAM H. ARCHER, Toledo, Ohio, assignor to The Commercial Savings Bank & Trust Co., trustee, Toledo, Ohio, a Corporation of Ohio. Filed Apr. 7, 1924. Serial No. 704,650. 8 Claims. (Cl. 158—92.)



8. The combination with a hydro-carbon burner having an open top fuel trough and provision for the discharge of air into the upper portion of the trough, of a deflector mounted for rotary movements above the trough in spaced relation at its outer edge and having a deflecting flange portion at its under side adjacent to its outer edge, and also having vanes at its under side in the path of discharge of air into the trough, whereby the air imparts rotation to the deflector.

1,569,251. METHOD OF PREPARING CLAY OR BODY COMPOSITION FOR CERAMIC ARTICLES. ARTHUR O. AUSTIN, Barberton, Ohio, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio, a Corporation of New Jersey. Filed Mar. 1, 1923. Serial No. 621,971. 14 Claims. (Cl. 25—156.)

1. In the manufacture of ceramic articles the process of mixing the material therefor, wherein a portion of the material is prepared with a sufficient percentage of water to render it fluidic, and another portion is prepared in dry condition and the two portions are mixed together to provide a body mix, having a percentage of water slightly greater than that at which the ceramic articles are formed, the excess of water being removed by evaporation to condition the mix for forming articles.

1,569,252. STOPCOCK. JOHN A. BARNES, Burkburnett, Tex. Filed Feb. 26, 1925. Serial No. 11,788. 6 Claims. (Cl. 251—97.)

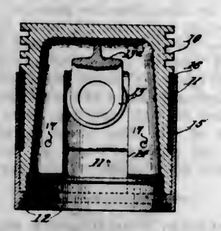
6. A stop cock comprising a tubular body having spaced internally reduced portions intermediate its length and

having oppositely extending lateral pipe connections between said internally reduced portions, a plug adapted to seat against the inner walls of said internally reduced portions and having a transverse opening located between the planes of said internally reduced portions, a stud projection integral with said plug and extending axially from the lower end of the plug, said stud projection having left hand screw threads constituting the upper section of a lower stem, a cap in threaded engagement with the lower end portion of said tubular body and having a central opening provided with right hand screw threads, the lower section of said lower stem having the intermediate portion thereof provided with



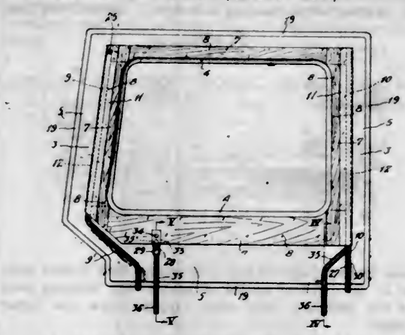
screw threads for engaging the screw threaded central opening of said cap and having the upper end portion thereof formed with a threaded socket for engaging said depending screw threaded stud projection, whereby turning of the lower section of said stem will cause axial movement of said plug, said lower end portion of the tubular body being adapted for the reception of suitable lubricant, a tubular extension at the lower end of said cap having a space within the inner end portion thereof for the reception of the lubricant and having a space in the outer end portion thereof for the reception of packing, and means at the outer end of said last named tubular member for compressing said packing against said stem.

1,569,253. PISTON. WALTER C. BAUER, Linden, N. J., assignor to Uppercu Cadillac Corporation, a Corporation of New York. Filed Mar. 30, 1925. Serial No. 19,375. 11 Claims. (Cl. 74—108.)



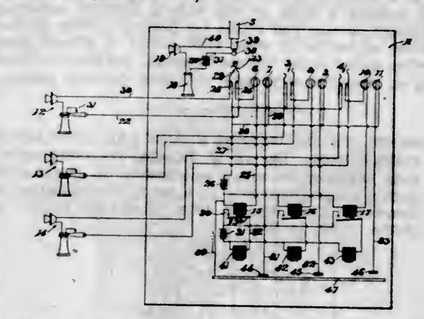
1. A piston comprising, an inner body portion, an outer sleeve portion having wrist pin bearings integral therewith, said wrist pin bearings extending through said body portion in a manner as to permit separation of the parts.

1,569,254. AUTOMOBILE INCLOSURE. GEORGE E. BISHOP, Cleveland, Ohio. Filed Apr. 18, 1922. Serial No. 554,463. 10 Claims. (Cl. 296—139.)



1. In automobile inclosures, the combination for an upper door-section, of a glass outlook; a wooden frame bounding said outlook; sheet metal strengthening members secured to said frame and extending exteriorly thereof and forming a lapping edge, said sheet metal members also extending interiorly of said frame to form a rest for the outside of said outlook; a bead secured interiorly of said frame and adjacent the inner face thereof for retaining said outlook; rods adapted removably to mount the inclosure upon the automobile door; and suitable fabric covering said frame and sheet metal members.

1,569,255. INDICATING DEVICE. ABRAHAM BLOCK, San Francisco, Calif., assignor to The National Cash Register Company, Dayton, Ohio, a Corporation of Ohio. Filed June 12, 1922. Serial No. 567,630. 21 Claims. (Cl. 179—72.)

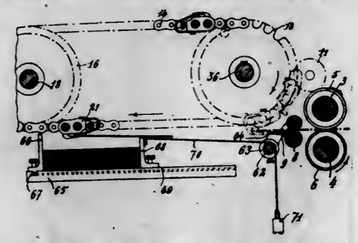


16. In a system of the character described, the combination of a plurality of sub-stations, a central station, a series of signal devices in the central station for indicating the number of calls entered and unattended to, and a second series of signal devices for indicating the order in which the calls were entered.

1,569,256. RECEIVING DEVICE FOR CUTTING MACHINES OF THE ROTARY TYPE FOR PAPER OR PASTEBOARD, AND LIKE MACHINES. HENRI BOBST, Lausanne, Switzerland, assignor to Société Anonyme Marinoni Machines et Materiel pour l'Imprimerie et les Industries Annexes, Paris, France. Filed Apr. 29, 1924. Serial No. 709,872. 5 Claims. (Cl. 271—79.)

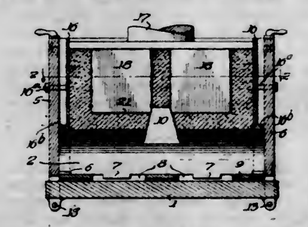
1. A receiving device for machines for cutting paper, pasteboard, and like material, comprising endless traveling chains, supports connected with said chains, said

supports including two shafts, one or more sets of grippers mounted on said supports, means for rotating one of said shafts whereby said grippers are opened and closed, means for presenting a sheet of material to said



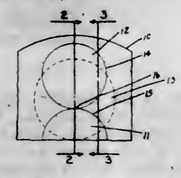
grippers during their closing movement, and means positioned in the path of travel of said sheets whereby said sheets are detached from said grippers while the latter are closed.

1,569,257. TILE-MAKING MACHINE. GEORGE FRANCIS BORS, La Fayette, Ind. Filed Feb. 13, 1924. Serial No. 692,467. 7 Claims. (Cl. 25—121.)



1. A machine of the class specified, comprising means for forming a block or tile with a laterally extending drainage passage and means for forming a shelf for collection of mortar or other solid matter to prevent same having access to the drainage passage, and also for forming an aperture or opening into said drainage passage.

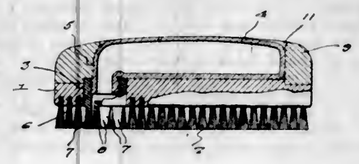
1,569,258. TRIFOCAL LENS BLANK AND LENS MADE THEREFROM. LUCIAN W. BUGBEE, Jr., Indianapolis, Ind., assignor, by mesne assignments, to Continental Optical Corporation, New York, N. Y., a Corporation of Delaware. Filed Apr. 13, 1925. Serial No. 22,710. 6 Claims. (Cl. 88—54.)



1. A trifocal lens having a far distance area, an intermediate distance area, and a near distance area, the lines of joinder of said areas being curved in opposite directions, the upper and lower areas being so tilted relative to each other as to have a common radial axis at the point of joinder therebetween.

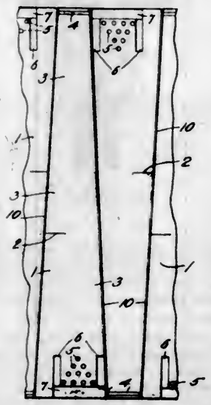
1,569,259. FOUNTAIN HAIRBRUSH. SOPHIE BURLOCK, Chicago, Ill. Filed Nov. 14, 1924. Serial No. 749,938. 2 Claims. (Cl. 15—133.)

1. A fountain hair brush comprising a brush head having an opening therein, a fluid supply receptacle supported on top of the brush head, a liquid feeding member detachably supported on the outlet end of the receptacle and disposed in the opening provided in the brush head, means for securing the receptacle against



displacement from the brush head, said means comprising a cover hingedly secured to the brush head, said cover being cut out to extend around the side of the receptacle.

1,569,260. BOWLING ALLEY AND BOWLING APPARATUS. GEORGE F. CAHILL, New York, N. Y. Filed Jan. 29, 1919, Serial No. 273,778. Renewed June 6, 1925. 43 Claims. (Cl. 273—37.)

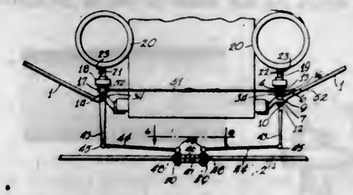


1. An improved bowling alley, as hereinbefore described, having, in combination, (a) a playing surface that is approximately level on which a ball may be rolled from one end of the alley towards the other end of the same; the playing surface of said alley also including a runway or space for the player on which he stands or runs when throwing the ball; (b) a pin space for the pins, located beside the runway aforesaid, and at substantially the same level; (c) a ball reflecting device, at the opposite end of the alley from the pins and runway aforesaid, against which ball-reflecting device the ball strikes, when thrown by the player and by which device said ball is thrown back towards the pin space; and (d) a pit, back of the pin space aforesaid; the whole being so constructed and arranged that a ball rolled from the runway aforesaid against the ball reflecting means aforesaid will roll backwards on said alley across the pin space aforesaid into the pit aforesaid; said pit being located in proximity to the starting end of the runway aforesaid.

1,569,261. DIRIGIBLE HEADLIGHT FOR VEHICLES. JAMES M. CALKINS, Peoria, Ill., assignor to Scott Head Lamp Control, Miami, Fla., a Corporation of Florida. Filed Dec. 8, 1924. Serial No. 754,608. 5 Claims. (Cl. 240—62.)

1. In a dirigible headlight construction, a casing, discs carried by said casing, said discs having cam surfaces,

fingers adapted to be moved longitudinally by said discs when said fingers are swung with respect to said discs,



an arm for supporting a headlight, said fingers being operatively connected to said arm, whereby movement of said fingers will swing said arm.

1,569,262. ADJUSTABLE DRILLING BIT. JOHN CALAHAN, Lebanon, Ind. Filed Feb. 14, 1924. Serial No. 692,807. 11 Claims. (Cl. 255—75.)



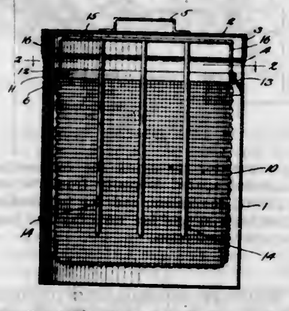
1. An adjustable drilling bit comprising a body adapted to be carried by the lower end of an operating tube, an extensible cutter carried by said body, rotatable means carried by said body for extending said cutter and holding it extended, and extraneous self-acting means adapted to be lowered through the operating tube for rotating said cutter-extending and holding means, said self-acting means and said cutter-extending and holding means being normally disconnected entirely from each other and having co-acting means for connecting them to rotate in one direction as a single unit when said self-acting means is lowered through the operating tube.

1,569,263. LUBRICATING APPARATUS. FRED S. CARR, Newton, Mass., assignor to Carr Fastener Company, Cambridge, Mass., a Corporation of Maine. Filed Mar. 14, 1922. Serial No. 543,582. 6 Claims. (Cl. 284—17.)



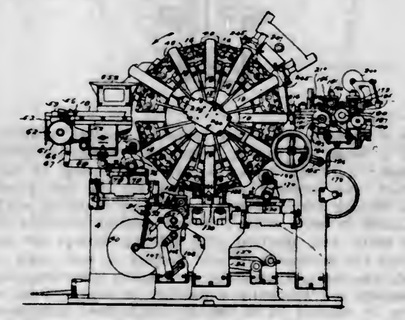
1. Lubricating apparatus comprising, in combination, a lubricant barrel, a coupling at the discharge end thereof operable by manipulation of said barrel, a valve operatively interposed between said barrel and said coupling and operable by manipulation of said barrel and positively engaging male and female locking means directly interposed between said coupling and said valve to insure a desired sequence of operation of said coupling and said valve.

1,569,264. KITCHEN UTENSIL. ERNESTINE S. CLARK, San Antonio, Tex. Filed Aug. 1, 1925. Serial No. 47,573. 2 Claims. (Cl. 91—7.)



1. A utensil of the class described comprising an imperforate container, having a removable top, with an annular support located near the upper end on its inner face, a foraminous basket having a reinforcing band at its upper end provided with a laterally extending annular lip to rest on said shelf, a plurality of tines extending into said basket and secured in fixed relation thereto to operate as separators for the food to be floured.

1,569,265. BOOKBINDING MACHINE. ERNEST W. CLARK, Hartford, and CARL SCHRAMM, West Hartford, Conn., assignors to The Smyth Manufacturing Company, Hartford, Conn., a Corporation of Connecticut. Filed Dec. 9, 1924. Serial No. 754,757. 36 Claims. (Cl. 11—1.)

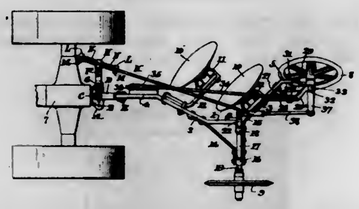


1. A machine for backing books, comprising an intermittently moved carrier said carrier having means for holding books, means for applying adhesive to the backs of the books in the carrier, mechanism for applying head bands to back linings and mechanisms for applying strips of fabric, and said united back linings and head bands to the adhesive-coated backs of the books.

1,569,266. PLOW TRACTOR. BENJAMIN P. COLLINS, Albany, Ala. Filed July 20, 1925. Serial No. 44,878. 1 Claim. (Cl. 97—47.)

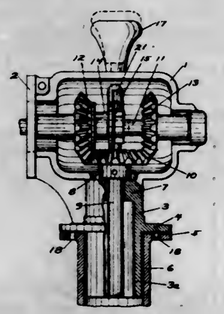
In a device of the class described, a tractor, a plow comprising a frame, a connecting device joining the plow to the tractor, a land wheel and a furrow wheel each mounted for rotation and for lateral swinging movement

on the frame, mechanism for connecting the wheels for lateral swinging movement; and means for imparting lateral swinging movement to the wheels from the tractor, said means comprising a rigid connection pivoted to said



mechanism, means for mounting the connection on the tractor at a point spaced laterally from the connecting device, for pivotal movement and for longitudinal movement, and yieldable means for resisting the longitudinal movement of the connection.

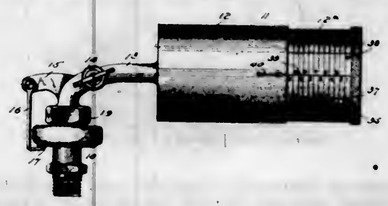
1,569,267. WRINGER-CONTROLLING DEVICE. HARRY J. CRINER, Clarinda, Iowa. Filed July 28, 1922, Serial No. 578,044. Renewed Sept. 19, 1925. 1 Claim. (Cl. 74—101.)



In a wringer controlling device, a support, provided with a series of locking means, at regular intervals thereon; a casing having a pivotal mounting on said support, and provided with means for the attachment of a wringer frame thereto; a wringer operating shaft contained in said casing; reverse gearing mounted on said shaft, and provided with shifting devices for imparting the movement of said gearing to said shaft to rotate the same, alternately, in opposite directions; an operator's rod vertically supported in said casing, so as to be capable of a limited longitudinal movement, and also rotatable therein, the end of said rod being engageable with the locking means on said support, to hold said casing in adjusted positions; means connected with said rod for engagement with said shifting devices, to actuate the same upon the rod being suitably rotated; and means for holding said rod from rotation, with said gearing out of action, when said rod is disconnected from said locking means.

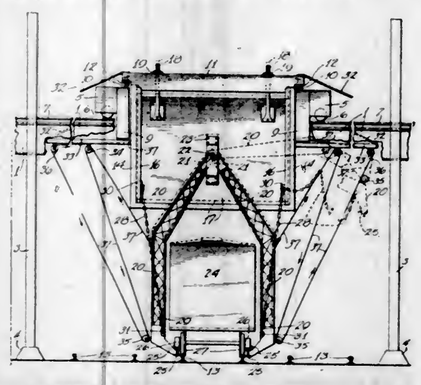
1,569,268. FORCE FILLER FOR GREASE CUPS. WILLIAM HENRY DUPRÉ, Vicksburg, Miss. Filed Mar. 20, 1920. Serial No. 368,939. 11 Claims. (Cl. 221—47.4.)

1. In a force filler for grease cups, a nozzle, and means for feeding lubricant to the nozzle, said nozzle having means for seating itself upon a grease cup to be filled, said nozzle and said feeding means being movable as a unit, and other means on the nozzle for engaging with the grease cup independently of and below the said seating means, the said means for seating the said other



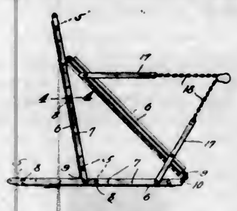
means being arranged at opposite sides of the extremity of the nozzle, whereby downward pressure upon the feeding means acting through the said other means will effect a tight joint between the nozzle and the grease cup.

1,569,269. TRAVELING BRIDGE CRANE. FRANK W. EGGLESTON, Berkeley, Calif. Filed Jan. 1, 1923. Serial No. 610,084. 25 Claims. (Cl. 212—11.)



1. A traveling bridge crane comprising a support, a frame movably carried by said support, arms carried by said frame and arranged to engage with a load to lift the latter, and flexible means connecting said arms to said frame to steady the suspended load.

1,569,270. LEVELER. GILBERT F. ENDSLEY, Somerset, Pa. Filed July 1, 1925. Serial No. 40,941. 4 Claims. (Cl. 37—143.)



1. A road leveler comprising a plurality of scraping bars, each of said bars including a pair of angle bars secured together, said angle bars having openings arranged in spaced relation with each other and disposed throughout the length thereof, connecting pins adapted to extend through the openings to removably connect the scraping bars, and said connecting pins adapted to support one of the scraping bars at an oblique angle with respect to the ground surface.

1,569,271. PLOW. JOHN EWASEN, Moscow, Idaho. Filed Feb. 24, 1923. Serial No. 625,662. 2 Claims. (Cl. 97—113.)

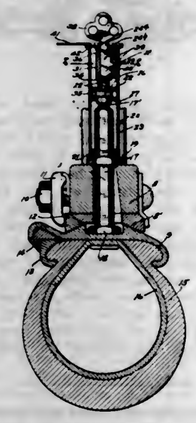


1. In a plow having a beam with a downwardly projecting shank, a detachable shoe secured to said shank by suitable bolts, and comprising an upright portion or stem having a longitudinal and approximately vertical slot through its rear for the reception of said shank, and terminating at its lower end in a substantially horizontal and triangular base portion or frog sloping downwardly therefrom both forwardly and laterally, and terminating in a ridge at its front, a diamond shaped plowpoint saddled on said ridge and removably secured thereto, and a pair of rectangular shares similarly secured to the sloping sides of said frog and to the rearwardly extending wings thereof, and having their forward ends abutting against said plowpoint.

1,569,272. MANUFACTURE OF ARTIFICIAL WOOD. ADOLF FÖRSTER, Kullebund, near Christiania, Norway. Filed Oct. 17, 1923. Serial No. 669,186. 4 Claims. (Cl. 18—47.5.)

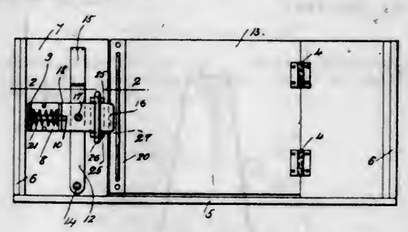
1. Method of manufacturing artificial wood comprising the steps of moistening a mixture containing saw dust and a soft mineral filler with a dilute solution of chromate-glue in which the percentage of glue is considerably less than 10 per cent thoroughly working the moistened mixture, moulding the resulting mass under a high pressure, maintaining the pressure for a considerable time and subjecting the moulded articles to drying.

1,569,273. LOCKED DUST CAP FOR TIRE VALVES. JOHN M. GALBRAITH, Minneapolis, and LOUIS N. JENSEN, St. Paul, Minn.; said Galbraith assignor of one-fourth to Mrs. Karen Jensen, St. Paul, Minn. Filed Jan. 12, 1925. Serial No. 1,750. 14 Claims. (Cl. 70—122.)



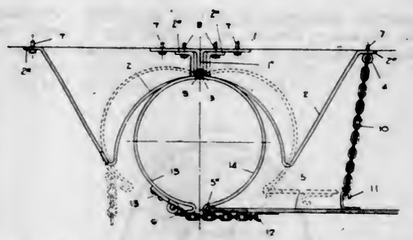
1. A dust cap applicable to a tire valve stem and having a key-actuated nut-acting member arranged for threaded engagement with said valve stem, said member being arranged to be rotated by a key inserted into the outer end of the dust cap.

1,569,274. END GATE. GARFIELD A. GARRETT, Dorrance, Kans. Filed Mar. 25, 1925. Serial No. 18,142. 3 Claims. (Cl. 296—50.)



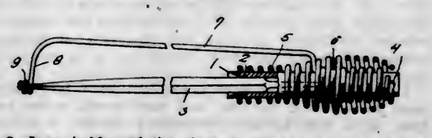
1. A wagon body provided with an upright at one side, an end gate hinged to the other side of the wagon body, a plate secured to the said upright and provided with a lug at one end and having a pin which projects from the said lug and is arranged parallel to the said plate, an operating lever having one end portion pivoted to the upright and projecting crosswise of the said plate, a latch carried by the said lever and having a perforated lug which is slidable over the said pin, and a spring encircling the said pin and arranged between the lugs of the said plate and latch and operating to hold the latch projected so as to engage with the end gate.

1,569,275. CLAMP FOR CYLINDRICAL CONTAINERS. JACK GREEN, Norfolk, Va. Filed Apr. 24, 1924. Serial No. 708,812. 6 Claims. (Cl. 81—19.)



2. A clamp for cylindrical containers, comprising a bracket, a pair of braces fixed to and extending upon opposite sides of said bracket, said bracket and braces adapted to be secured to a wall or other support, a pair of semicircular clamping bands pivoted at one end to said bracket, and means secured to the other ends of said bands for tightening them about a container.

1,569,276. FILE HOLDER. LLOYD DELNO GREENLAND, Des Moines, Iowa. Filed Apr. 25, 1925. Serial No. 25,852. 2 Claims. (Cl. 29—80.)



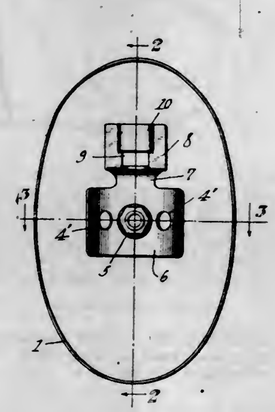
2. In a holder of the class described, a bar having a socket at one end, a coil member disposed about the bar, a second coil member rotatably disposed about the bar and having its convolutions disposed in threaded relation between the convolutions of the first member, a rod extending from the second member and terminating in a socket axially aligned with the socket in the bar, one end of the first member being extended through the bar to fix it against rotation thereon.

1,569,277. CARD SHUFFLER. CHARLES A. GUNSELMAN and WILLIAM J. GUNSELMAN, Abilene, Kans. Filed June 22, 1925. Serial No. 38,870. 3 Claims. (Cl. 273—149.)



1. A card shuffling device comprising a casing adapted to receive a deck of cards, and means disposed in said casing for shuffling the deck of cards, said means being actuated by the movement of the cards.

1,569,278. ELECTRIC-FIXTURE SUPPORT. CLIFFORD M. HICKMAN, Newark, N. J. Filed May 1, 1925. Serial No. 27,230. 3 Claims. (Cl. 240—85.)



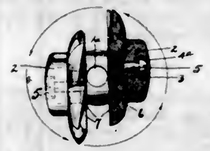
1. The combination with a resilient hook for attachment to a wall or the like, said hook having a flat portion, of a wall bracket including a canopy, a slotted resilient tongue within and secured to the canopy for the reception of the hook when the canopy is slid relative thereto in one direction, and an extension upon the tongue having a channel for the reception of the hook, said tongue and extension being resilient, the extension, tongue and hook cooperating, when brought into engagement, to place the tongue and hook under tension and to hold the canopy against rotation abont its point of connection with the hook.

1,569,279. PIPE-SUPPORTING ATTACHMENT. WILLIAM R. HOFFMANN, Oregon, Mo. Filed Apr. 9, 1925. Serial No. 21,904. 4 Claims. (Cl. 131—51.)



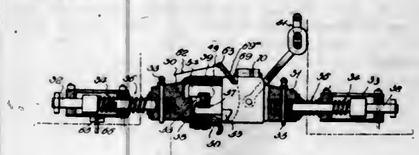
1. A pipe support of the character described comprising a strip of resilient material bent to form a flat base, and a resiliently contractible pipe stem embracing ring disposed in the same plane with the base, the base extending transversely of the axis of the ring.

1,569,280. DISK BIT. WILLIAM S. HOLDAWAY, Los Angeles, Calif. Filed Apr. 23, 1924. Serial No. 708,533. 6 Claims. (Cl. 255—71.)



1. A disk bit and shank including a shank body with two spaced legs, said legs having integral bearing trunnions on their inner faces, cutter disks rotatably mounted on said trunnions between said legs, whereby said legs push said disks in front of them as they rotate, and means holding said disks on said bearing trunnions.

1,569,281. CAR COUPLER. THOMAS HOTCHKISS, Gillespie, Ill. Filed Feb. 21, 1925. Serial No. 10,898. 6 Claims. (Cl. 213—176.)

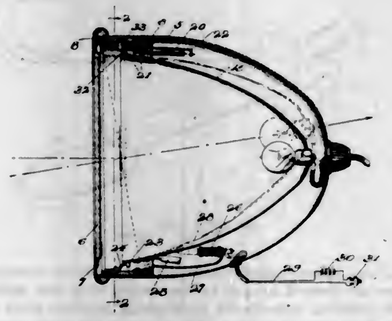


1. In a car coupler, a coupler head having a cavity in its end, a main shaft rotatably mounted transversely of the coupler head in the said cavity, the said coupled head having a camming surface, a latch carried by the said shaft, a coacting coupler head having a projection adapted to enter the cavity of the first mentioned coupler head, the said projection having a construction for engaging the camming surface of the shaft for imparting rotary motion to the said shaft and oscillating the latch, a surface for engaging the camming surface of the shaft for turning the said shaft in an opposite direction when the coupler heads are together for moving the latch in an opposite direction, and coacting elements on the second mentioned coupler head engaged by the latch for locking the coupler heads together.

1,569,282. HEADLIGHT. EDWARD EVERETT HUGHES, Wallace, Idaho. Filed Nov. 1, 1924. Serial No. 747,359. 1 Claim. (Cl. 240—41.)

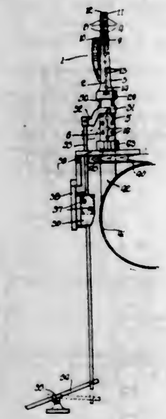
In a headlight, a casing terminating at its forward end in a cylindrical portion, angular guides mounted within and secured to the cylindrical portion of the casing, a ring carrier fitted for rotary adjustment in

between the guides, means for holding the ring carrier in adjusted position including a clamping device mounted on the casing and cooperable with the ring carrier, said ring carrier having a slot accommodating



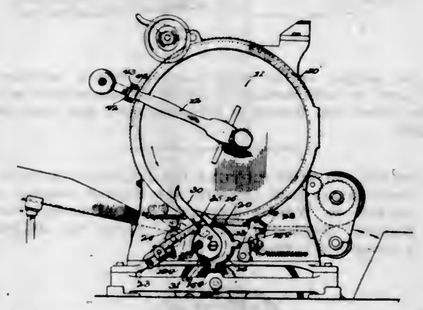
the clamping device, a reflector within the casing and pivotally mounted on the ring carrier, stop means mounted on the ring carrier for limiting the movements of the reflector and means for moving the reflector on its pivots.

1,569,283. MEANS FOR SHAPING AND DRYING FABRIC ARTICLES. ARTHUR W. JOHNSON, Milwaukee, Wis., assignor to Bradley Knitting Co., Delevan, Wis., a Corporation of Wisconsin. Original application filed Apr. 28, 1920, Serial No. 377,289, Patent No. 1,425,969. Divided and this application filed Dec. 16, 1921. Serial No. 522,830. 12 Claims. (Cl. 223—17.)



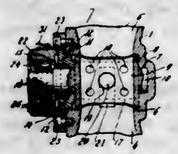
1. In combination, a form section having a portion simulating the palm of a hand and semi-circular extending portion, a supplemental form section having a portion simulating the back of a hand and a semicircular extending portion supplementing the semi-circular extending portion of said first form section to form a conduit for conveying a drying fluid into an internal chamber formed by said form section, the walls of the form sections having outlet openings for discharging the drying fluid from said internal chamber therethrough, a mounting base adapted to receive the cooperating semi-circular extending portions of the form, said mounting base permitting a flow of drying fluid along the outside of the form to dry the adjacent portions of the article.

1,569,284. PLATEN RETURN. WILLIAM KASTLER, St. Louis, Mo. Filed Aug. 31, 1923. Serial No. 660,370. 5 Claims. (Cl. 101—233.)



1. In combination, a printing drum, a platen, means supporting the platen to permit the same to take a printing or non-printing position, a platen release, and means for returning the platen to printing position and for resetting the platen release comprising an arm connected to the platen release and to the platen, and a pin moving in synchronism with the printing drum and cooperable with the arm.

1,569,285. SHUT-OFF VALVE. LOUIS F. KATONA, Los Angeles, Calif. Filed July 9, 1923. Serial No. 650,412. 6 Claims. (Cl. 251—102.)

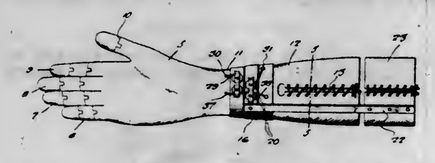


1. A shut-off valve of the nature disclosed comprising a body provided with means for attachment to a hose or pipe line having an inlet and an outlet axially aligned and a transverse intermediate valve chamber closed at one end having a valve receiving opening at its opposite end, a freely rotatable valve insertable through said opening, a closure for said opening, the valve having an operating shaft extending through said closure, valve operating gear mechanism associated with the outer end of said shaft, a housing entirely enclosing said gear mechanism and said closure, and a shaft packing carried by the closure and preventing leakage from the valve chamber into said housing, the housing being detachably secured in place on the body to permit its removal independent of the closure and the subsequent removal of the closure whereupon the valve may be withdrawn through the valve chamber opening.

1,569,286. ARTIFICIAL HAND. EDWARD LAHERTY, Nenana, Territory of Alaska. Filed Dec. 8, 1923. Serial No. 678,237. 6 Claims. (Cl. 3—12.)

1. In an artificial hand, comprising a body terminating in a wrist portion and having a thumb and fingers articulated thereon, means for securing the wrist portion to the end portion only of the forearm of the wearer, and means carried by the wrist portion of the hand body

relatively rotatable thereon adapted to be connected to the forearm only of the wearer rearwardly of the connection of the hand body, a rotative movement of the



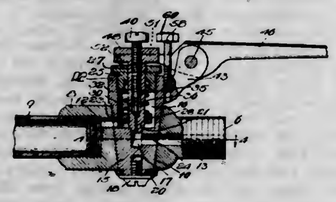
wrist portion of the hand body effecting a movement relative to said means for operating connections with the thumb and fingers to positively open and close the same.

1,569,287. MOTION-PICTURE-PROJECTING MACHINE. JOHN DALLAS LAW, Dunedin, New Zealand, assignor of one-half to William Francis James, Dunedin, New Zealand. Filed Aug. 31, 1921. Serial No. 497,296. 9 Claims. (Cl. 88—17.)



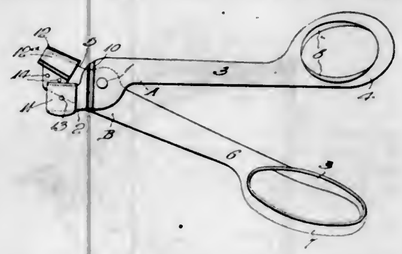
1. In a motion picture projecting machine, a shutter mounted so as to be capable of dropping between the condensers and the gate; an electromagnet having an armature provided with a catch for keeping the shutter raised; contacts controlled by the film and the machine driving belt for closing the electromagnet circuit; and contacts closed and allowed to open by the raising and dropping respectively of said shutter, for closing and breaking the motor and the electro-magnet circuits.

1,569,288. FLASH IGNITER. OSCAR J. LEINS, Milwaukee, Wis., assignor to Milwaukee Gas Specialty Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Nov. 24, 1924. Serial No. 751,799. 6 Claims. (Cl. 158—115.)



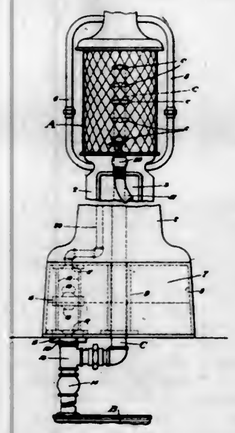
6. In a device of the class described, the combination of a valve casing having means for connection with a source of fuel supply, an outlet tube carried by and communicating with the interior of the casing, a rotatable shut-off valve mounted in the casing and provided with inlet and outlet port means for movement into and out of register with inlet and outlet ducts in the casing by rotation of the valve, a valve seat in the shut-off plug between the inlet and outlet ports, a plunger flash valve mounted in said plug and seating inwardly upon said seat, said plunger valve having means affording a restricted supply of fuel from the inlet to the outlet and means for unseating said valve outwardly to provide an increased flash supply.

1,569,289. CAN OPENER. JOHN A. LINN, Sioux City, Iowa. Filed Sept. 11, 1924. Serial No. 737,140. 1 Claim. (Cl. 30—3.)



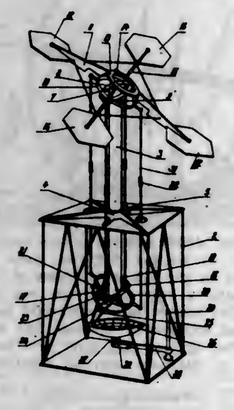
A can opener comprising a pair of pivotally connected members formed at one of their ends with flat parallel jaw portions movable in overlapping relation when the opener is used in cutting open a can, a flat blade secured flat against one of said jaw portions, and a U-shaped blade straddling such jaw portion and said flat blade and having one side secured flat against the other jaw portion, said side of said U-shaped blade also overlapping the first mentioned jaw portion when the opener is used in cutting open a can and being adapted to bear flatly against such jaw portion to prevent separation of the jaw portions and said blades, the other side of said U-shaped blade being formed with a cutting edge.

1,569,290. LIQUID-MEASURING APPARATUS. GEORGE W. MACKENZIE, Beaver, Pa., assignor to Guarantee Liquid Measure Company, Rochester, Pa., a Corporation of Delaware. Filed Nov. 4, 1920. Serial No. 421,668. 7 Claims. (Cl. 221—100.)



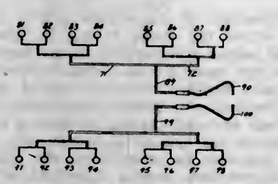
7. A liquid measuring apparatus comprising a measuring vessel, a main supply tank, an overflow vessel interposed between the main supply tank and measuring apparatus for receiving the overflow from the latter, a conduit for transferring liquid from the supply tank to the measuring vessel, and means for returning the overflow contents of said overflow vessel directly to said conduit to utilize said contents when filling the measuring vessel.

1,569,291. DIRECTION FINDER. ANDRÉ JULES MARCHLIN, Paris, France. Filed May 28, 1923. Serial No. 642,098. 5 Claims. (Cl. 187—2.6.)



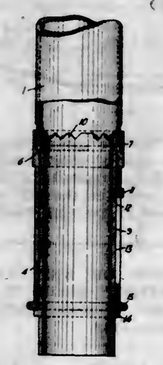
1. A telesitemeter of the filed type, which is transportable upon a trailer comprising a hollow column, an horizontal axle at upper part of said column, a gimbal ring pivoting round said axle, a second axle borne by said ring and perpendicular to said horizontal axle, a second larger gimbal ring pivoting round said second axle, two arms crossed at right angles fixed on the larger ring, an acoustic receiver at both ends of each of said arms; two like gimbal rings at the lower end of the said column, the axles of which being parallel with the preceding axles and jointed rods connecting together the larger gimbal rings of the upper and lower pair.

1,569,292. DETERMINATION OF WAVE-ENERGY DIRECTION. MAX MASON, New London, Conn., assignor to Submarine Signal Company, Portland, Me., a Corporation of Maine. Filed June 25, 1919. Serial No. 306,682½. 16 Claims. (Cl. 181—0.5.)



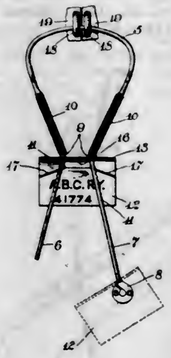
16. A device for receiving substantially in phase at a single indicating instrument sound waves coming to a plurality of receivers comprising such plurality of receivers, said indicating instrument and connections between said receivers and said instrument adapted to transmit to said instrument in phase such selection of said receivers as are caused by compressional waves coming from a given direction and to cause the interference of vibrations caused by other compressional waves.

1,569,293. DEVICE FOR INTRODUCING CEMENT IN WELLS. CARLTON E. MILLER, San Francisco, Calif. Filed Jan. 23, 1923. Serial No. 614,405. 8 Claims. (Cl. 166—19.)



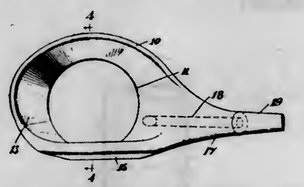
1. A device for depositing cementitious material, comprising a tubular body, a hollow foot attached thereto, a plate clamped between the body and the foot and closing the lower end of the body, and means within said foot to engage and release said plate.

1,569,294. FREIGHT-CAR SEAL. WILLIAM J. MILLER, Columbus, Ohio. Filed Dec. 26, 1924. Serial No. 758,163. 7 Claims. (Cl. 292—315.)



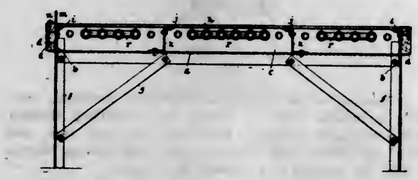
1. A seal comprising, in combination, a wire portion forming a loop and legs, a readily fusible portion connecting said legs, said fusible portion provided with a perforation and a notch, one of said legs being extended through said perforation and being bendable in one direction into said notch to engage said fusible portion and said leg being frangible when bent in the opposite direction to remove it from said notch.

1,569,295. GOLF-CLUB HEAD. EDMUND L. MUNSON, Mount Kisco, N. Y. Filed Dec. 24, 1924. Serial No. 757,843. 2 Claims. (Cl. 273—77.)



2. A golf club head of general ring shape having a flattened face, a wall of substantially uniform thickness, said wall being tapered to make the opening through the club larger at the top, and a rigid shank rising from one side of the club head.

1,569,296. METHOD OF AND APPAPATUS FOR USE IN PRINTING. HORACE P. ODELL, Passaic, N. J. Filed Mar. 9, 1925. Serial No. 13,975. 4 Claims. (Cl. 101—416.)



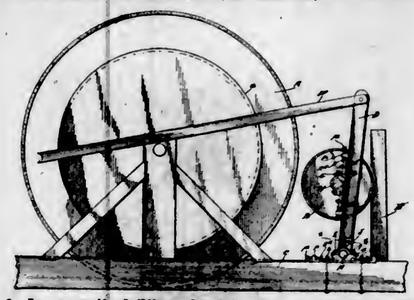
1. The method of printing a porous sheet which consists in supporting the sheet on a composite refractory body, imparting heat through said body to the sheet, and during the heating of the sheet applying the printing color thereto.

1,569,297. CATTLE YOKE. TED H. PHILLIPS, Gould, Okla. Filed Oct. 25, 1922. Serial No. 596,915. 4 Claims. (Cl. 119—140.)



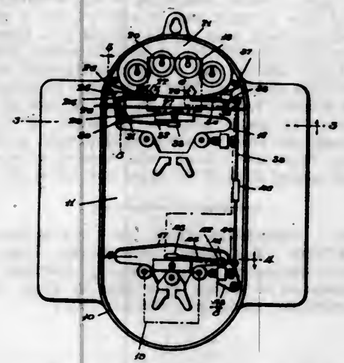
1. A device of the character described comprising an animal receiving yoke, spaced oppositely extending horizontally disposed angular extensions carried by the upper end thereof, an angle bar pivoted to the upper end of the yoke and having a hook element formed at each end thereof, the legs of such angle bar being adapted to engage the adjacent angular extension when moved towards the latter and thereby limit the pivotal movement of the angle bar.

1,569,298. WELL-DRILLING DERRICK. SAMUEL P. POWERS, Wooster, Ohio. Filed May 9, 1922. Serial No. 559,606. 3 Claims. (Cl. 192—4.)



1. In a well drilling derrick, the combination with a swing-lever, a bearing for the lower end of said lever mounted on the sill or platform of the derrick, a sand reel shaft, a bearing for one end of said shaft mounted on the arm of said lever, said bearing capable of longitudinal adjustment thereon, and means for actuating the free end of said lever arm back and forth on said sill or platform bearing, substantially as set forth.

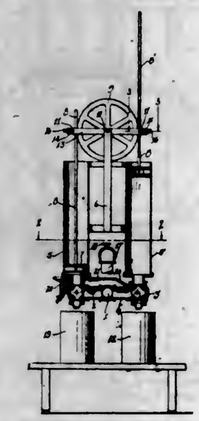
1,569,299. OPEN-POTENTIAL-CIRCUIT DETECTOR. ELIAS F. PRESTON, Mason City, Iowa. Filed Jan. 13, 1922. Serial No. 529,054. 1 Claim. (Cl. 177—311.)



In combination, in an electric meter, a casing, a partition within the casing having an opening, a potential coil behind said partition in the casing, a register within the casing having a face exposed to view in front of said partition, bearings secured to said partition at the front side thereof, rock shafts journaled in said bearings and each having an arm, a signal member carried by one arm to be moved to a position in front of said face for observation, the other arm extending through said opening in rear of said partition, an armature carried by the last-named arm and arranged adjacent to said coil to be moved toward and away from the coil when the coil is energized and de-energized, respectively, and an operative connection between said shafts.

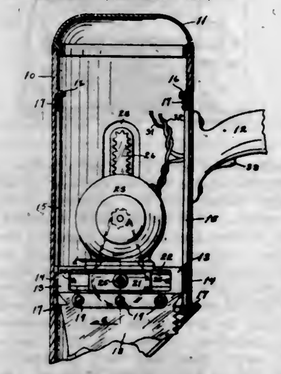
1,569,300. FILLING MACHINE. JOHN PURVIS, Jr., Chicago, Ill. Filed Feb. 11, 1924. Serial No. 692,070. 5 Claims. (Cl. 226—107.)

1. The combination of a pair of cylinders, a piston for each cylinder, a three-way valve associated with each cylinder, a supply pipe communicating with each of said valves, one of said valves being open when the other is shut, a rack secured to each piston, a pinion disposed between and engaging both racks, whereby the movement of one piston will cause the downward movement of the other piston, and spring pressed means



for holding said racks in engagement with said pinion, said racks being movable against the spring tension to bring them out of engagement with said pinion at will.

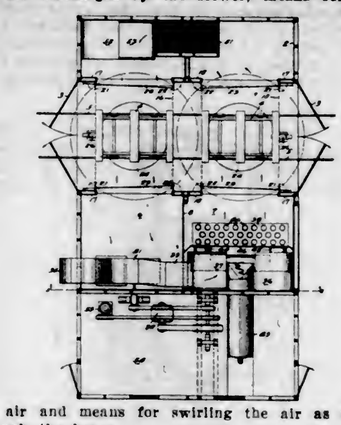
1,569,301. POWER HANDSAW. LEONARD M. REED, Dexter, Iowa. Filed Mar. 30, 1925. Serial No. 19,239. 6 Claims. (Cl. 143—68.)



6. A power-driven hand saw, comprising a casing, an endless rack of substantially elliptical form arranged longitudinally of the wall of the casing, a carriage arranged for travel longitudinally of said casing, a boxing arranged for limited reciprocation on said carriage transversely of the casing, means for cushioning said boxing at the ends of its range of movement, a motor carried by said boxing, a countershaft journaled in said boxing, gearing operatively connecting the motor shaft to said countershaft, a pinion on said countershaft meshing with and adapted for travel on said elliptical rack, and a saw blade secured to said carriage.

1,569,302. DRYING APPARATUS. CLAUDE REES and CHARLES F. HINE, San Francisco, Calif. Filed Oct. 22, 1924. Serial No. 745,148. 28 Claims. (Cl. 34—19.)

1. A drying apparatus comprising a house adapted to receive the material to be dried, a blower for circulating air through the house, means for swirling the air discharged by the blower, means for heating

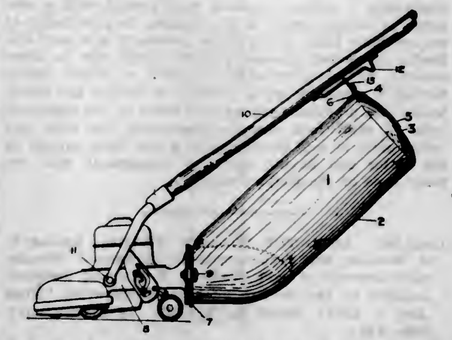


the air and means for swirling the air as it passes through the house.

1,569,303. TOWROPE. ALBERT LEE REGAN, Xenia, Ohio, assignor to The Hooven & Allison Company, Xenia, Ohio, a Corporation of Ohio. Filed Feb. 24, 1921. Serial No. 447,472. 1 Claim. (Cl. 24—129.)

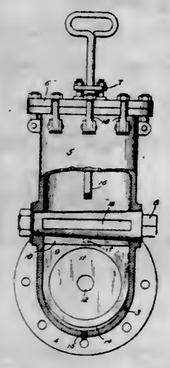
In combination with a rope, a cleat comprising a C shaped member having inwardly facing bearing surfaces intermediate its ends and an eye formed integral therewith, the lower bearing surface of said eye being offset above the bearing surfaces between said ends, all of said bearings surfaces being relatively broad and arranged to permit sliding engagement with a rope when not under tension.

1,569,304. DUST-BAG SUPPORT. MAX C. RICHARDSON, Canton, Ohio, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio, a Corporation of Ohio. Filed May 27, 1922. Serial No. 564,125. 4 Claims. (Cl. 183—44.)



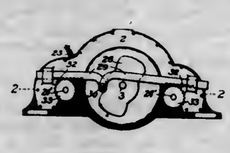
1. In a dust-collecting bag having a head, a slider strap secured to the bag head, the ends of the strap being secured in spaced relation substantially diametrically of the bag head, the central portion of the strap being free.

1,569,305. ORIFICE FITTING. ANSON ROBINSON, Los Angeles, Calif. Filed May 19, 1924. Serial No. 714,344. 5 Claims. (Cl. 137—75.)



1. An orifice fitting comprising; a body member having a transversely bisected bore therethrough and an accessible lateral chamber opposite said bisection; a rotatable plugcock, intermediate said bore and said chamber, having an elongated longitudinal slot therethrough and its axis in the plane of said bisection; a plate having a flow-measuring orifice therethrough, removably inserted in said bisection; and means for withdrawing said plate into said chamber through said slot when said fitting is under internal pressure.

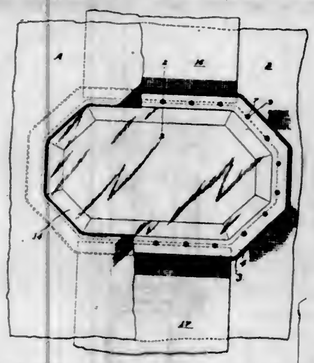
1,569,306. ROTARY EXPLOSION ENGINE. MAX G. ROSENTHAL, Chicago, Ill. Filed Aug. 29, 1923. Serial No. 659,924. 14 Claims. (Cl. 123—16.)



9. In a rotary motor of the type described, a rotor comprising a hollow revoluble head formed with a plurality of oblique guide slots extending longitudinally of the revoluble head, piston blades moving in said slots and fixedly connected together at their inner ends in offset relation by an intermediate member, a stator casing having a segmental work chamber to receive the piston blades and provided with inclined walls at the respective ends of said work chamber containing the inlet and outlet ports of said chamber, and a cam block carried by the stator and having operative engagement with the inner ends of the piston blades.

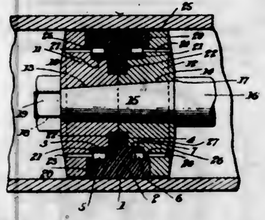
1,569,307. AUTO TOP WINDOW FRAME. LESLIE G. S. SLOCUM, San Francisco, Calif.; Francis J. Knauss, administrator of said Leslie G. S. Slocum, deceased, assignor to The Brewer Titchener Corporation. Filed Aug. 7, 1918. Serial No. 248,667. 16 Claims. (Cl. 296—145.)

1. A window frame of the character described including in combination, a two-ply curtain with an opening adapted to receive a window frame, said frame comprising a pair of endless frames, each frame having an angularly disposed flange about the outer edge thereof, and said frames adapted to telescope one within the other, a ply of the curtain being turned upon the inner face of each frame so that said frames are concealed



between the plies, a pane having its marginal edge between the inturned plies of the curtain, and means for clamping the frames together.

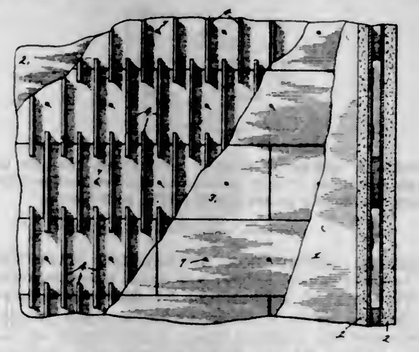
1,569,308. PISTON FOR PUMPS. LOUIS J. SMITH, Torrance, Calif. Filed Feb. 9, 1925. Serial No. 7,869. 3 Claims. (Cl. 74—109.)



1. In combination with a piston, a piston rod formed with a shoulder, and a nut on the end of said rod, the piston being formed in two members through which the rod extends with its shoulder engaging the outer end of one member and said nut engaging the outer end of the other member for drawing said members together, the inner faces of said members being each provided with three annular rabbets of progressively decreasing depth and diameters the outermost rabbets extending inwardly from the peripheries of the members, the members being provided respectively with ports extending from their outer ends into their intermediate rabbets, a resilient ring packing formed with an annular body, an internal intermediate flange of less width than said body extending from said body, an inner flange of less width than said intermediate flange extending inwardly from the latter flange, the intermediate flange being provided with annular grooves in its sides, said packing fitting between said members with its body fitting in said outermost rabbets with a snug fit, said intermediate flange fitting in said intermediate rabbets with a snug fit with said grooves coinciding with said ports, and said innermost flange fitting in said innermost rabbets with the side walls of said rabbets engaging the side walls of said innermost flange with a clamp fit.

1,569,309. CEMENT WALL CONSTRUCTION. HENRY M. STEARNS, Richmond, Calif. Filed Oct. 20, 1924. Serial No. 744,656. 2 Claims. (Cl. 72—47.)

1. A hollow core for a cement wall consisting of a plurality of core sections each having a pair of walls formed from light wall-board and provided with a plurality of spacing elements secured between said walls to hold the same in spaced parallel relation, the ends of said spacing elements extending outwardly past the



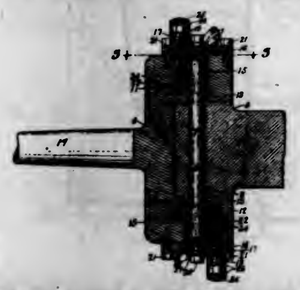
edges of the walls to be engaged between the walls of adjacent sections whereby said sections may be assembled and held with the edges of each section matching with the adjacent sections.

1,569,310. TIRE LEVER. JOHN FRANCIS TREVORROW, South Melbourne, Victoria, Australia. Filed Nov. 14, 1922. Serial No. 600,961. 1 Claim. (Cl. 157—6.)



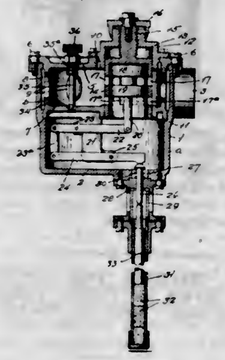
Means for removing a tire from a wheel rim, comprising, in combination, a lever, a block member having a gripping portion on the lower end thereof for engaging the beading of a wheel rim, the upper end of said block member having a handle thereon, a filleted surface on the block, and a member on the lever arranged to move upon the filleted surface, as described.

1,569,311. ADJUSTABLE STUB AXLE JOINT. LAWRENCE M. BARSTOW, Index, Wash. Filed Mar. 23, 1925. Serial No. 17,655. 3 Claims. (Cl. 280—96.1.)



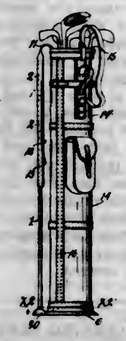
3. The structure defined by claim 1, said means including a plate covering each of said cavities, each of these plates having an adjusting screw threaded therein and operable to push the wedges inwardly of the cavities, each of said plates having an oil inlet therethrough in communication with the respective cavities, a pair of caps having non-cylindrical cavities conforming to the heads of the adjusting screws, and enclosing the latter respectively, each of said caps being provided with an apertured flange, and a plug for each flange, each of these plugs extending through its flange of the respective cap and engaging with the oil inlets for closing the latter while securing the respective caps in position for locking and protecting the respective adjusting screw.

1,569,312. THERMOSTATIC CONTROL DEVICE. CHARLES F. H. BOHNHARDT, Baltimore, Md., assignor to Harry D. Harvey, Baltimore, Md. Filed July 7, 1923. Serial No. 650,118. 4 Claims. (Cl. 236—33.)



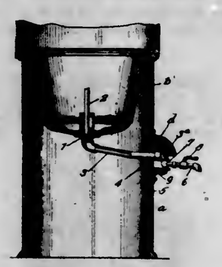
1. A thermostatic control device comprising an outer casing, closed at one end and open at the other end and having upper and lower gas openings, a drum removably secured within the upper part of said casing and communicating with one of said openings, a valve casing within the drum and opening into the lower part of said outer casing, said valve casing having a port within the drum, a piston valve, fitting within the valve casing, for opening and closing said port, said valve having a port extending through it, a bracket depending from the lower wall of the drum, a system of movement multiplying levers supported by said bracket and connected to the valve, and an expansion device for moving said levers.

1,569,313. CADDY-BAG DISPLAY RACK AND STAND. LOUIS BREER, Los Angeles, Calif. Filed Dec. 27, 1923. Serial No. 682,950. 11 Claims. (Cl. 150—1.5.)



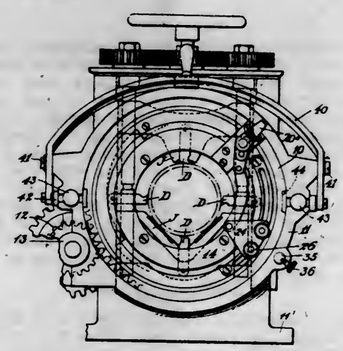
9. The appliance set forth comprising a rod; means for supporting said rod in a vertical position; a tube resiliently supported on said rod; and means connected with said tube for holding a caddy bag.

1,569,314. MELTING FURNACE. WILLIAM H. CHENOWITH and GEORGE C. SCHIMPF, Baltimore, Md., assignors to Harry D. Harvey, Baltimore, Md. Filed June 22, 1925. Serial No. 38,741. 5 Claims. (Cl. 263—14.)



1. A melting furnace comprising an upright casing, a melting pot within the casing, a discharge-pipe leading from the pot through the wall of the casing, a spout on the outer end of said pipe, movable horizontally into and out of pouring position, and a burner adapted to heat the spout in the latter position.

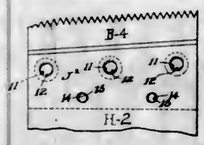
1,569,315. MACHINE FOR CUTTING SCREW THREADS. LEWIS B. CURTIS, Bridgeport, Conn. Filed Dec. 8, 1924. Serial No. 754,583. 3 Claims. (Cl. 10—96.)



1. A machine of the character described, comprising a stationary shell, a rotary die carrier circumferentially journaled within said shell and capable of lengthwise movement therein, threading dies positioned within said carrier, a cam supported by said carrier and capable of independent rotary movements for radially moving said dies simultaneously, a lever pivoted on the die carrier and connected with said cam, a rotary hub journaled to the outer face of said carrier near the periphery thereof, connections between said hub and lever whereby the rotary movements of the hub will effect the operation of said lever to open the dies, and adjustable pin located within said shell and projecting from the outer face thereof, and a member extending from said hub and adapted to strike said pin at a predetermined time during the inward movement of said carrier, whereby said hub will be independently rotated.

1,569,316. THREAD-CUTTING DIES. LEWIS B. CURTIS, Bridgeport, Conn. Filed Dec. 30, 1924. Serial No. 758,797. 3 Claims. (Cl. 29—105.)

3. A set of dies and die holders for use in pipe threading machines, said set comprising four similar die holders having integral open jaws at their outer ends, and four threading dies whose initial cutting bits are differently formed, each die having a shank which is firmly seated within the jaws of its holder and is laterally removed



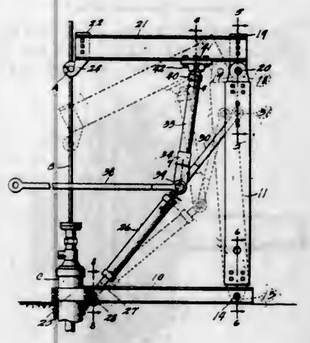
therefrom, differently located perforations through the jaws and shank of each member of said set, and securing bolts and dowels passed through said perforations.

1,569,317. SOUND BOX OF TALKING MACHINES. JOSEPH DURHAM, Sydney, New South Wales, Australia. Filed Apr. 17, 1923. Serial No. 632,646. 2 Claims. (Cl. 274—35.)



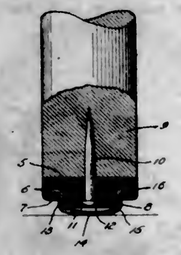
1. A sound box for talking machines, comprising a clamping ring having an inclined inner surface, a diaphragm carrying casing fitted within said clamping ring and having an inclined outer surface, a packing ring of sound insulating and non-resonant material fitted between the inclined surfaces of the casing and ring, a stylus bar, a stylus holder and a retaining cap plate substantially as described.

1,569,318. PUMP JACK. FRANK GARDNER, Dallas, Tex. Filed Oct. 9, 1924. Serial No. 742,558. 10 Claims. (Cl. 74—5.)



1. In a pump jack, a base, a Samson post pivoted on the base, a beam fulcrumed on the post, a three element toggle lever and pitman bracing and actuating connection between the base, post and lever, two of which elements are normally alined and extend across the angle between the base and post, and means movable in a horizontal plane for moving said normally alined elements into and out of alinement.

1,569,319. FURNITURE SUPPORT. CARL GEBHARD, Los Angeles, Calif. Filed Jan. 26, 1925. Serial No. 4,746. 5 Claims. (Cl. 76—42.)



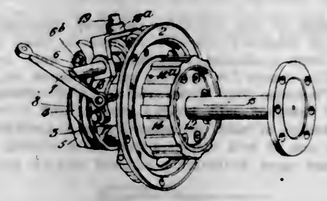
1. A furniture support comprising; a base having a peripheral flange; a cushioning pad of resilient material above the base having a cupped periphery stretched over said flange; and means independent of the base for attaching the pad to furniture.

1,569,320. TRUNK. MAURICE F. GRIFFIN, Los Angeles, Calif. Filed Feb. 20, 1925. Serial No. 10,491. 4 Claims. (Cl. 190—28.)



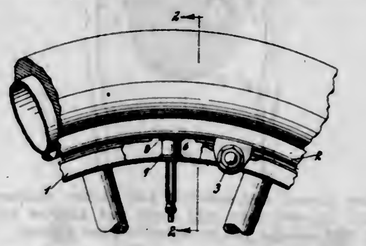
1. In a trunk comprising a body and lid members, and having a joint between said body and lid, a covering for the trunk members, and a resilient strip interposed in said joint, said covering extending over said strip.

1,569,321. APPARATUS FOR THE ENGAGEMENT AND DISENGAGEMENT OF MULTIPLE-DISK CLUTCHES OF MOTOR VEHICLES. JOSEPH ANDREW GYGAR, Brisbane, Queensland, Australia. Filed May 22, 1923. Serial No. 640,776. 2 Claims. (Cl. 192—53.)



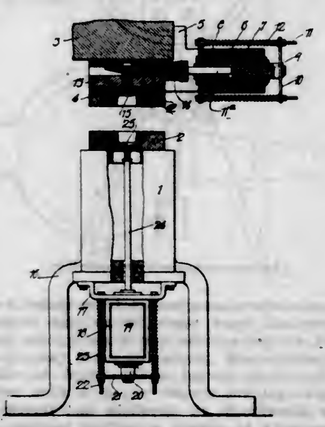
1. In improvements in apparatus for the engagement and disengagement of multiple disk clutches of motor vehicles, the combination of a driving shaft, a driving plate carried thereby, a chair cast integrally with said plate, an abutment flanged piece secured to said chair, a shift ring connected to the driving plate, a transmission shaft, a male clutch member and a female clutch member keyed to said transmission shaft, a metal ring fitting into the male member, a ring nut holding said metal ring in position, pins passed through the driving plate and fitted to the metal ring, a forked piece provided with a tapped boss, a stem for operating same, shoes hung on the fork piece and a clutch lever and shaft for controlling the rotation of the driving shaft.

1,569,322. VALVE-STEM PACKING WASHER. FREDERICK A. HOBERECHT, Oakland, Calif. Filed July 7, 1924. Serial No. 724,588. 1 Claim. (Cl. 301—10.)



In combination with a pneumatic tire, a valve stem thereon, a rim upon which said tire is mounted, and a wheel felloe upon which said rim is mounted, said valve stem being adapted to extend through said rim and felloe, a packing washer substantially cylindrical in form and having a longitudinal opening therein for the reception of the valve stem, annular projecting rings formed on the ends thereof and adapted to bear against the rim and the felloe.

1,569,323. PRESS AND SIMILAR MACHINE. LE ROY H. HOFFER, Brooklyn, N. Y., assignor to Thomas E. Murray, Brooklyn, N. Y. Filed June 18, 1924. Serial No. 720,743. 9 Claims. (Cl. 219—4.)

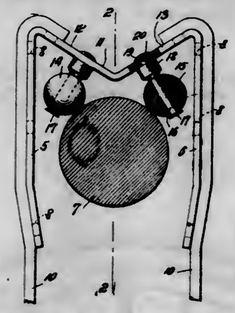


5. A machine of the class described having a stationary die and a movable die and having separate knock-outs carried by said dies and a separate electric motor for actuating each knock-out.

1,569,324. SUPPORT FOR CURTAINS. CLEMENT E. HORTON, Waterbury, Conn., assignor to Berbecker & Rowland Manufacturing Company, Waterville, Conn., a Corporation of Connecticut. Filed Apr. 23, 1923. Serial No. 638,827. 2 Claims. (Cl. 156—22.)

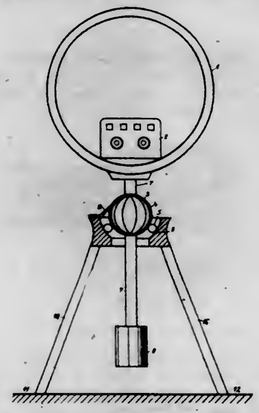
1. Means for supporting draperies from a traverse rod, comprising a frame adapted to straddle the traverse

rod and having its upper portion of V-shape, a pair of studs secured rigidly to and depending from the frame and arranged at right angles to the V-shaped



portion thereof, and spherical anti-friction members rotatably engaged upon said studs and adapted to bear upon the traverse rod at opposite sides thereof.

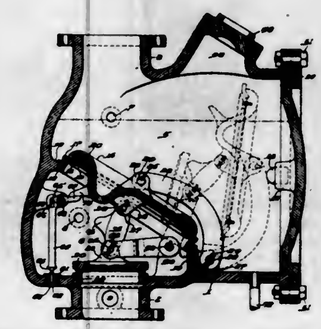
1,569,325. RADIO DIRECTION FINDER. AUGUST LEIB, Berlin, Germany, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a Corporation of Germany. Filed Aug. 8, 1922. Serial No. 580,515. 7 Claims. (Cl. 250—11.)



1. A radio device comprising a frame-shaped antenna, a rotatable axis upon which the antenna is mounted, a support for the antenna having an opening for said axis of substantially greater diameter than the axis, and a spherically curved member fixed to said axis and seated upon the support so as to allow said axis to swing laterally in all directions and thereby cause it automatically to assume a vertical position regardless of inclination of the support.

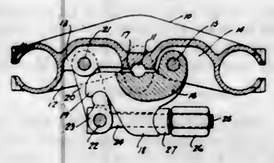
1,569,326. DRY-PIPE VALVE. LEROY M. LEWIS, Merion, Pa. Filed Nov. 12, 1921. Serial No. 514,440. 7 Claims. (Cl. 169—22.)

1. A dry pipe valve comprising a casing having a water inlet and a water outlet thereabove and in substantial alignment therewith, said casing being provided with upper and lower chambers, a water valve seat disposed adjacent the mouth of said inlet, an air valve seat disposed above said water valve seat and in oblique relation therewith, an air valve cooperative with said air valve seat, an arm rigid with and carrying said air valve and pivoted in said upper chamber, a water valve cooperative with said water valve seat, a link connecting said air and water valves and relatively movable with respect to both, and an arm pivot-



ed in said lower chamber and pivotally connected with the link operative to cause said water valve to follow a predetermined path substantially normal to said water valve seat when the air valve is forced against its seat.

1,569,327. POLISH-ROD CLAMP. OWEN C. LINTHWAITE, Los Angeles, Calif. Filed Mar. 7, 1925. Serial No. 13,935. 9 Claims. (Cl. 24—248.)



1. A clamp of the character described comprising a plurality of members hingedly secured to each other so as to form a divided work embracing unit, articulated locking means for drawing said members together extending between the latter, means to effectively expand and contract said locking means, and a rocker at the knuckle of said articulated means arranged to bear upon one of said members and exert closing pressure thereon upon contraction of said locking means.

1,569,328. MUSICAL SIGNATURE INDICATOR FOR TUITION PURPOSES. CHARLES LOGAN, Rockdale, near Sydney, New South Wales, Australia. Filed Jan. 31, 1922. Serial No. 533,100. 1 Claim. (Cl. 84—474.)

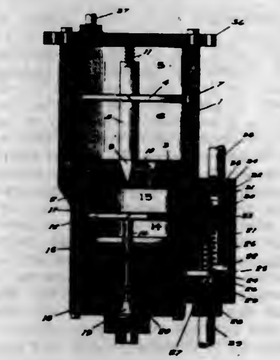
A pocket instrument for facilitating tuition in music key signatures and in harmonic relation, comprising a dial face having a staff ruled marginally about the periphery a plurality of radial lines disposed on the dial face to form segments in which are displayed the

respective major and minor key notations corresponding to the keys indicated on the bars of said staff, the corelation between the major and minor key being in-



dicated by placing the major and minor key signatures and enharmonic relations in parallel groups in the same column in each case.

1,569,329. AUTOMATIC RETAINING VALVE. JOHN E. LONG, Marysville, Calif., assignor of one-third to I. H. Caplan and one-third to Samuel Caplan, both of Fresno, Calif. Filed July 23, 1923. Serial No. 653,153. 10 Claims. (Cl. 303—77.)



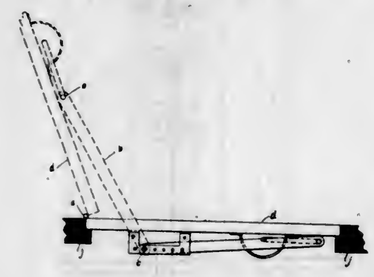
1. A retaining valve for air brake equipment comprising a means for retaining the brake pressure in the brake cylinder, means controllable by the train line pressure for releasing the retained pressure, and means controlled by the retained pressure for causing the train line pressure to operate said releasing means.

1,569,330. LETTER BELT. JOHN E. MCMULLEN, Council Bluffs, Iowa. Filed June 9, 1924. Serial No. 718,996. Renewed June 27, 1925. 1 Claim. (Cl. 24—191.)



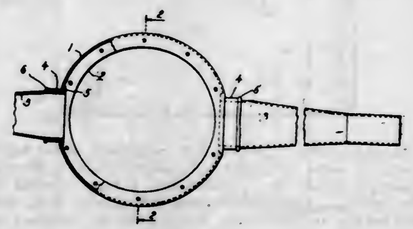
A buckle having a tapered portion and a ferrule on the same adapted to move upon said tapered portion; a raised portion of the said buckle formed therein; a flattened pawl at the end of said buckle and adapted to press the said band against a flattened end portion thereof; and a detachable flexible belt adapted to be held tightly beneath said ferrule on said buckle at one end and to freely pass underneath said pawl at the other end over the raised portion of said buckle.

1,569,331. DOOR LATCH. JOHN E. MCMULLEN, Council Bluffs, Iowa. Filed Aug. 7, 1924. Serial No. 730,780. 3 Claims. (Cl. 292—265.)



1. In a door latch a locking brace pinioned at a point remote from the door hinge on the door frame, a latch rod hinged on the door adapted to rotate through half a circle, a lever portion thereon adapted to serve as a handle, and a second lever portion thereon engaging the free end of said brace.

1,569,332. MANUFACTURE OF HOUSINGS AND THE LIKE. THOMAS E. MURRAY, Jr., Brooklyn, N. Y. Filed Oct. 17, 1921. Serial No. 508,232. 2 Claims. (Cl. 74—56.)

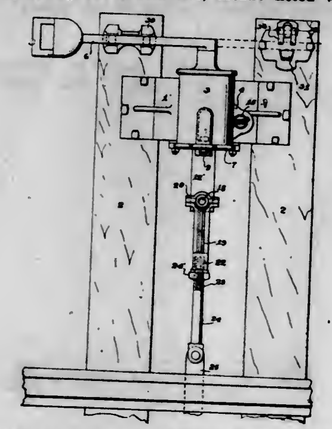


1. A housing for automobile rear axles comprising an annular wall 1 with inward flanges 2 at its edges and with diametrically opposite openings, the portion of the annular wall surrounding said openings being flattened, tapered tubes 3 having flanges 5 on their inner edges bearing against the inner faces of the wall to prevent outward movement of the tubes and having flanges 6 formed on an outer portion of the tubes to prevent inward movement of the latter through said openings, the flange 5 having side edges bearing against the flanges 2 of the annular wall so as to prevent rotation of the tubes on their axes.

1,569,333. SWITCH STAND FOR OPERATING SWITCHES AND SIGNALS. HARRY C. OBENKIRK, Cleveland, Ohio. Filed Apr. 25, 1925. Serial No. 25,782. 11 Claims. (Cl. 246—406.)

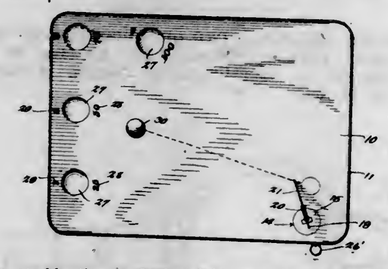
2. A combined switch stand and signal for railways, comprising a casting formed with a casing, an oscillating cam journalled within the casing, said cam being

formed with two separate and spirally disposed grooves therein, means fitted within and actuated by one groove for operating the switch bar, means fitted within and



actuated by the other cam groove for operating the signal, said means being entirely enclosed within the casing, and means for oscillating said cam.

1,569,334. TOY GOLF GAME. HENRY E. PLACK, Towson, Md. Filed Oct. 29, 1925 Serial No. 65,562. 1 Claim. (Cl. 273—87.)



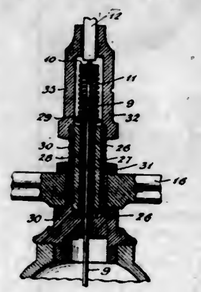
In combination a playing field comprising a flat board having a series of pockets at one end and a circular opening adjacent the opposite end, a disk mounted in said circular opening flush with said playing field, said field having an upstanding rim around its periphery, a figure mounted on said disk concentrically thereof, a ball propelling implement carried by said figure and positioned to sweep over an arc on said field in contact with the field to engage a ball positioned on the arc, a spring tending to rotate said disk in one direction, and manually controlled means to rotate the disk against the action of said spring and releasable to permit the spring to actuate the disk.

1,569,335. COVER FOR CRIBS. FRANK S. RECE, Dallas, Tex. Filed Apr. 7, 1924. Serial No. 704,815. 2 Claims. (Cl. 5—97.)



1. A crib provided with trunnions mounted at the upper rear corners thereof and extending outwardly, a screened cover extending from the front to the rear wall of the crib and mounted to slide thereon, metal keepers closed at one end and extending along the outer face of the ends for receiving the trunnions and having inwardly directed flanges parallel with the under face of the cover, and a stop pin extending through one of said flanges into the cover to engage the trunnion and fulcrum thereon.

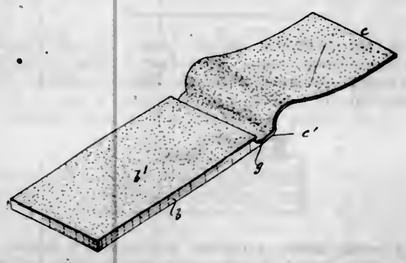
1,569,336. STUFFING BOX FOR AUTOMATIC REGULATORS AND THE LIKE. ALFRED ROESCH, deceased, late of Brooklyn, N. Y., by Emma Roesch, executrix, Brooklyn, N. Y., assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y., a Corporation of New York. Original application filed Aug. 9, 1921, Serial No. 491,048. Divided and this application filed June 6, 1924. Serial No. 718,238. 5 Claims. (Cl. 251—137.)



1. The combination of a valve casing, a tubular extension thereon, a valve in said casing, a valve stem carrying said valve and extending lengthwise of and beyond said extension, a plurality of packings within said extension for said stem, means partly within and partly outside of said extension engaging one of said packings and a spring located exteriorly of said extension whereby a pressure is exerted on said means and transmitted to said packings to compress same.

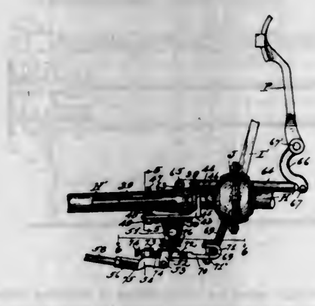
5. The combination of a reciprocating member a projection adjustably carried thereby, a plurality of packings for said member spaced apart in the direction of its axis, a tubular follower upon said member between said packings, an outer follower on said member and a spring having its one end in engagement with said outer follower and its other end in contact with the projection on said reciprocating member whereby pressure is exerted upon the said outer follower and transmitted thereby to said packings and tubular follower to maintain said packings in engagement with said member.

1,569,337. INK PAD FOR RUBBER STAMPS, ETC. EDWARD F. ROLLE, Forest Hills, N. Y., assignor to Rolle Rubber Company, Inc., New York, N. Y. Filed July 10, 1925. Serial No. 42,687. 2 Claims. (Cl. 91—54.5.)



2. An ink pad comprising a slab of rubber sponge formed to provide a pad portion and a cover flap connected by a hinge in an integral structure.

1,569,338. BRAKE MECHANISM. GEORGE W. ROSS, Huntington Park, Calif., assignor to F. L. Hetzel and A. H. Hetzel, both of Los Angeles, Calif. Filed Jan. 27, 1923. Serial No. 615,367. 5 Claims. (Cl. 188—18.)



1. A brake mechanism including a plurality of brakes, an equalizer bar transversely disposed forwardly of said brakes, separate connections between said equalizer bar and said brakes connected at points equi-distant from the longitudinal axis of the vehicle, adjustable devices connected with said equalizer bar disposed in the plane of the longitudinal axis of the vehicle, and separate hand and foot levers independently and adjustably connected therewith for selectively operating said brakes by either of said levers at will.

1,569,339. PROCESS OF MANUFACTURE OF ALDEHYDES, OILS, AND ORGANIC ACIDS FROM CACTI. WILLIAM MALCOLM SINCLAIR, Strathfield, near Sydney, New South Wales, Australia. Filed Feb. 25, 1925. Serial No. 11,406. 8 Claims. (Cl. 260—138.)

1. A process for the obtaining of aldehydes from cacti which consists in mashing the same without adding water in conditions favorable to fermentation by its indigenous fungus, hydrolizing the fully fermented pulp, distilling the fermented hydrolysed pulp, condensing the aldehyde, and separating essential oil from the aldehyde.

1,569,340. FERRULE FOR GOLF CLUBS. PEMBROKE A. VAILE, Chicago, Ill., assignor of one-half to William E. Swift, Chicago, Ill. Filed Apr. 17, 1925. Serial No. 23,856. 2 Claims. (Cl. 273—77.)



1. A device of the class described including a shaft and having a stop adjustable along the grip part of the shaft for the purpose described.

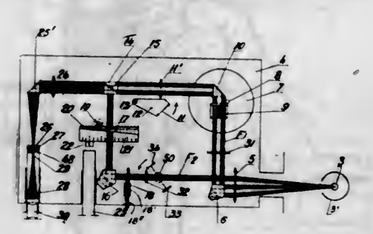
1,569,341. STAKE. ANNA D. VARELL, New York, N. Y. Filed Oct. 28, 1922. Serial No. 597,440. 1 Claim. (Cl. 47—44.)

A stake comprising a rod bent at one end and at an intermediate point into eyelets lying in a common plane and in line with each other, a flattened diverging section at the other end of said rod, the planes of the major surfaces of said section being transverse to the axis of said eyelets, a double bevelled cutting edge at the free



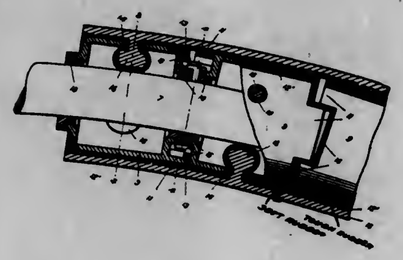
end of said section diagonal to the major axis of the stake and conterminous to the width of said flattened section at said free end and forming an entering point.

1,569,342. ABSORPTION AND DIFFUSION PHOTOMETER. ARTHUR VERNES, ROBERT BRICQ, MARIE LOUIS AMÉDÉE JOBIN, and GUSTAVE GEORGES JOSEPH YVON, Paris, France. Filed Sept. 25, 1923. Serial No. 664,787. 4 Claims. (Cl. 88—23.)



1. A device for general photometry and chiefly for absorption and diffusion measurements by means of a limited number of suitably combined elements, comprising in combination an illuminant, optical means for obtaining a beam of light from said illuminant, separating means for dividing said beam into two secondary beams, an optical comparison device having a reflecting portion, and a transparent portion, means for directing both secondary beams along separate paths to the comparison device, means for observing the luminous spots formed by the two secondary beams in the comparison device, a body to be tested, means for placing the said body on the path of one of the secondary beams, a movable optical condensing device, means for placing the said condensing device on the path of the same abovementioned secondary beam so that the body to be tested, when on the path of the beam, is at the focus of said device and an optical compensator on the path of the secondary beam which does not pass through the body to be tested.

1,569,343. CLOTH EXPANDER. FREDERICK BENEDICT VORGELI, Easton, Pa. Filed Nov. 20, 1924. Serial No. 751,135. 7 Claims. (Cl. 26—63.)

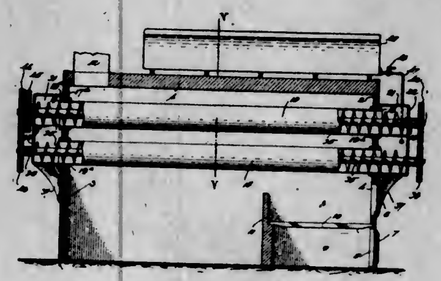


3. A cloth expander comprising rotatable mounted roller members to be disposed along a curved line and having apertures in their peripheries, and a rubber cover molded on said members having portions anchored in said apertures.

1,569,344. SPEEDOMETER DRIVE. FRANK WILLIAM WEST, New Rochelle, N. Y., assignor, by mesne assignments, to Stewart-Warner Speedometer Corporation. Filed Mar. 8, 1923. Serial No. 623,820. 6 Claims. (Cl. 74—7.)

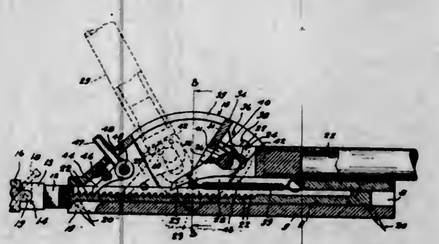
1. In a speedometer drive, the combination with a road wheel, an axle therefor having a steering knuckle including an upstanding spindle member and a gear coaxially positioned on the road wheel outside of the knuckle, of a speedometer driving attachment including a clamp for engaging the spindle and including a forwardly extending supporting rod, an upstanding post horizontally adjustable on the rod, means for securing the post to the rod in adjusted position and a speedometer driving unit including a bearing member, a pair of intergeared shafts journalled in the bearing member with their axes fixed therein, one of said shafts provided with a pinion adapted to mesh with the wheel gear and means for securing the bearing member in adjusted position on the post thereby to set the pinion in meshing relation with the gear.

1,569,345. PEAT-DRYING MACHINE. CHARLES A. WILLMARTH, Tecumseh, Mich. Filed Nov. 16, 1923. Serial No. 675,200. 4 Claims. (Cl. 34—7.)



4. A peat drying machine comprising a heating apparatus, having walls, compartment heads on said walls, an upper series of horizontal drums having open ends protruding through said walls into said heads, a lower series of horizontal drums having open ends extending through said walls into said compartment heads, said heads establishing communication between said drums, one of the upper and lower series of heads having a discharge opening and the other head an inlet opening, and conveyors in said drums.

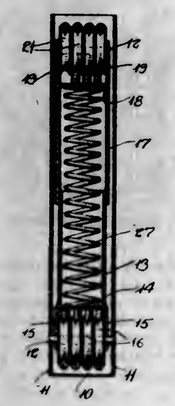
1,569,346. FLOORING JACK. MARY L. WILSON and ROBERT L. ROCKWELL, Seattle, Wash.; said Rockwell assignor of one-sixth of the entire right to said Mary L. Wilson. Filed Mar. 22, 1923. Serial No. 626,786. 4 Claims. (Cl. 254—16.)



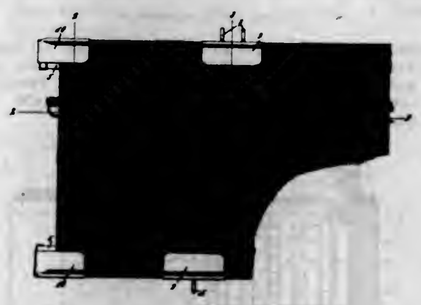
1. A device of the class described embodying a housing, a rack bar guided for movement lengthwise within said housing, a two part lever mounted for oscillation in said housing, said lever being formed of an inner fulcrum member and an outer handle member that is connected with the fulcrum member by means which permit said handle to be folded downwardly at an angle to said fulcrum member and parallel with said housing, or to be moved into alignment with and rigidly connected to said fulcrum member, and a pawl on said lever arm for engaging with and moving said rack bar.

1,569,347. SASH BALANCE. ARTHUR E. ANAKIN, Long Beach, Calif. Filed Apr. 28, 1925. Serial No. 26,491. 2 Claims. (Cl. 16—198.)

1. In a sash balance, a pair of telescopically arranged tubular members, sheave supports each carried by the outer end of a respective member, sets of sheaves each supported on a respective sheave support, a flexible strand led around said sheaves outside of said members and having one end fixed and the other end free for attachment to part of a window, and a compression spring housed in said tubular members and urging the same apart.



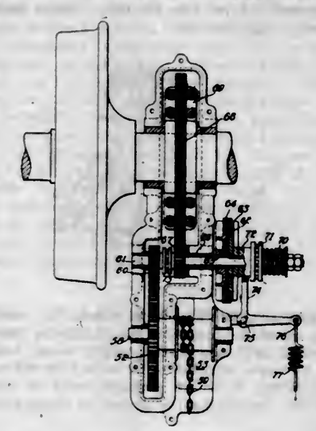
1,569,348. HARNESS DEVICE. ISAAC ANDREWS, Spartanburg, S. C. Filed Aug. 31, 1923. Serial No. 660,407. 1 Claim. (Cl. 139—91.)



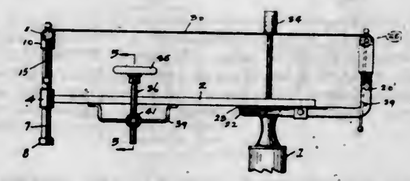
A loom harness comprising spaced supporting bars, heddles supported by the bars, screw eyes secured to the bars, members formed of fabric material positioned on the bars adjacent to the screw eyes, fabric members positioned over the heddles at points adjacent to the screw eyes, and fabric members positioned over the ends of the bars and over the heddles arranged adjacent thereto.

1,569,349. AXLE-POWER BRAKE. LOUIS M. ASPINWALL, Pittsburgh, and KARL A. SIMMON, Edgewood Park, Pa., assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 23, 1920. Serial No. 353,537. 4 Claims. (Cl. 188—146.)

1. A braking apparatus comprising a box frame, a brake-applying device and an axle-receiving member located at opposite ends of said frame, an axle-power transmitting member enclosed by an intermediate portion of said frame, a clutch mechanism having its engaging elements located on one side of said frame, one of said elements being connected to said transmitting member, and connecting means for the other element and said brake-applying device located on the other side of said frame.

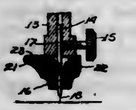


1,569,350. OPERATING TABLE. WILLIAM L. BELL, Oakland, Calif. Filed Oct. 27, 1923. Serial No. 671,226. 2 Claims. (Cl. 45—50.)



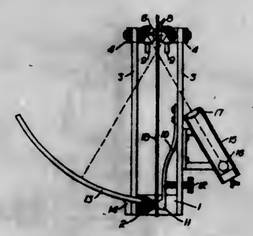
1. An operating table including a support having a planar surface; a flexible strip adapted to be suspended above said surface and to support a body in a substantially horizontal position; means for stretching said strip to raise or lower it relative to said surface; and vertical means on said surface extending through said strip for locating a body in a predetermined position on said strip.

1,569,351. TALKING-MACHINE NEEDLE. MABEL BLACKMAN, New York, N. Y., assignor of one-half to Estelle McKee and one-half to Lillian K. Hosier, both of New York, N. Y. Filed Oct. 21, 1921. Serial No. 509,281. 1 Claim. (Cl. 274—37.)



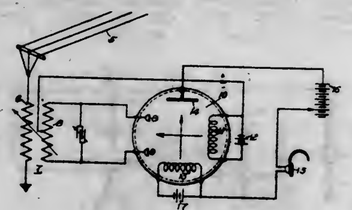
A talking machine needle comprising an integral metallic stylus member adapted to be held firmly in the stylus chuck of said machine, a sound insulating member embracing said stylus member near its free end, said insulating member being composed of a resilient material laterally extended and having an inverted frusto cone-shaped, the base whereof is adapted to bear against the chuck for holding said needle for absorbing a certain proportion of the vibration of said needle.

1,569,352. WIRE-TESTING EXTENSOMETER. PORTER H. BRACE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 12, 1919. Serial No. 296,572. 6 Claims. (Cl. 39—147.)



1. An extensometer comprising means for detecting the elongation of a test piece and for indicating the amount of elongation, said means including a scale, and a plurality of reflectors adapted to be moved by the test piece and co-operating to reflect a single beam of light upon the scale for magnifying the degree of elongation of the test piece.

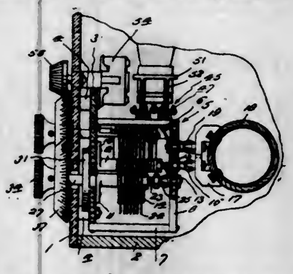
1,569,353. WIRELESS RECEIVING SYSTEM. QUINCY A. BRACKETT, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 5, 1919. Serial No. 315,393. 1 Claim. (Cl. 250—20.)



In a wireless receiving circuit, the combination with an antenna having a coupled transformer associated therewith, of an evacuated bulb provided with anodes and an electron emitting cathode, said anodes being connected, respectively, to terminal points of the secondary winding of said transformer, and said cathode being connected to an intermediate point therein, whereby said electrodes tend to rectify an electromotive force produced in said winding and, consequently, to produce unidirectional electrode flow from said cathode to said anodes, an additional electron-emitting electrode and a cold anode also mounted within said container and so disposed that an electron path therebetween intercepts the aforementioned electron stream, and an electrical receiving circuit connecting said last-named electrodes and embodying a source of electromotive force and a receiving device, whereby an electromotive force supplied through said coupled transformer to said anodes produces interaction between the two electron streams and, consequently, modifies the current in said local receiving circuit because of modifications of the number of electrons traversing the same.

1,569,354. RADIO RECEIVING SET. LOUIS T. CARL and ALBERT S. CARL, Winona, Miss. Filed Jan. 21, 1924. Serial No. 687,541. 4 Claims. (Cl. 250—40.)

1. A tuning unit mounting including a panel having a horizontally extending slot in the central portion, a pair of bracket members mounted on the rear side of the panel at opposite sides of the slotted portion and having tubular extensions thereon, a rod mounted in and extending from the tubular extension of the upper bracket, said rod being adapted to receive a plurality of stationary condenser plates for mounting in spaced relation thereon, the end of the rod being adapted to receive

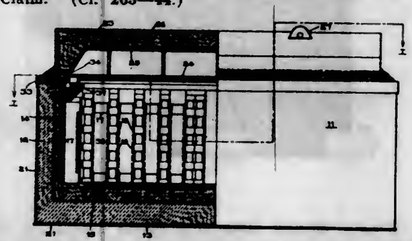


a circuit connection, a shaft rotatable in the sleeve extension and bracket on the lower side of the slot, said shaft being adapted to mount a plurality of movable condenser plates in spaced relation between the stationary plates, a contact member mounted on the inner end of said shaft having relatively rotatable sections, one of the sections being free from the shaft, and an operating disc on the outer end of the shaft in front of the panel.

1,569,355. METHOD OF ANNEALING SHEET STEEL. GUERNEY H. COLE, Forest Hills Borough, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 21, 1920. Serial No. 432,336. 7 Claims. (Cl. 148—13.)

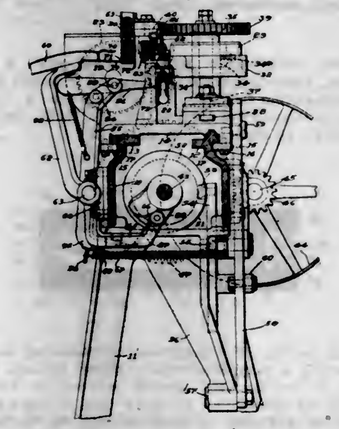
2. The process of heat treating sheets of magnetic silicon alloy steel which consists in heating said sheets to a temperature not exceeding 700° C. in an atmosphere containing oxygen in approximately the same ratio to nitrogen as exists in air and then cooling.

1,569,356. ANNEALING FURNACE. GUERNEY H. COLE, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 8, 1922. Serial No. 580,400. 1 Claim. (Cl. 263—44.)



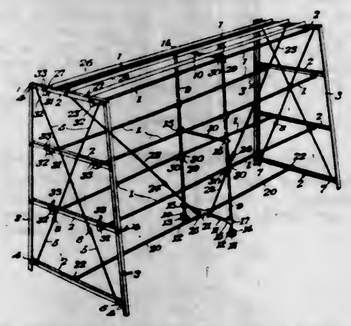
In an annealing furnace, in combination, a plurality of refractory heat-insulating walls enclosing an open-top furnace chamber, a member of substantially channel section located at the top of said walls adjacent the inner edge thereof, an inner cover, of relatively low thermal resistance, for said furnace chamber having its edges engaging said member of channel section, means in said member of channel section for co-operating with said cover member to seal said furnace chamber substantially airtight, a second member of substantially channel section located at the top of said walls adjacent the outer edge thereof, an outer cover member of relatively high thermal resistance and having its edges operatively engaging said second member channel section, and sealing means in said second member of channel section for co-operating with said outer cover member to seal said furnace chamber substantially airtight.

1,569,357. WOODWORKING MACHINE. HENRY E. COWDERY, Fitchburg, Mass. Filed Nov. 3, 1924. Serial No. 747,441. 14 Claims. (Cl. 142—44.)



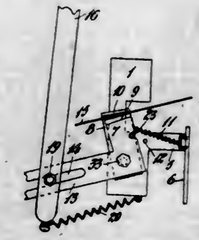
1. A wood working machine, comprising in combination, work supporting and rotating means, a cutter, means for advancing the cutter along the work, a pivotally mounted carrier supported to travel with the cutter and to engage the completed portion of the rotating work to support the work upon completion of the cutting operation, and means for tilting the carrier to eject the work from the carrier.

1,569,358. GARMENT RACK. CHARLES C. CROSS, Brooklyn, N. Y., assignor to Universal Fixture Corporation, New York, N. Y., a Corporation of New York. Filed Mar. 24, 1923. Serial No. 627,475. 8 Claims. (Cl. 211—14.)



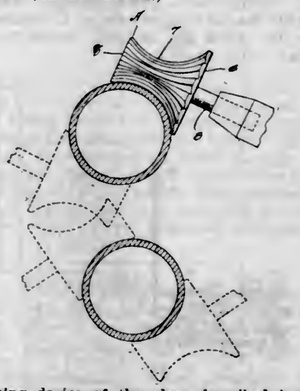
1. A knock-down article-supporting rack comprising a pair of upstanding end frame sections, an upstanding intermediate frame section, a pair of longitudinally aligned and horizontally disposed rigid frame-section connecting member located substantially midway between the side edges of the frame sections, means detachably connecting each of said aligned members at its inner end with the intermediate frame section adjacent the bottom of said section, means detachably connecting each of said aligned members at its outer end with the adjacent end frame section near the bottom of said section, a plurality of rigid connecting members each extending longitudinally of the rack from end to end of the rack at the top of the frame sections, means detachably holding each of said last-mentioned connecting members to the three frame sections, a pair of oppositely inclined tie-rods at opposite sides of the intermediate frame section, means detachably connecting each of the tie-rods at its outer end to the adjacent end frame section near the top of said section and substantially midway between the side edges of the section, means detachably connecting each of the tie-rods at its inner end to one of said aligned connecting members adjacent the intermediate frame sections, a plurality of independent article-suspension rods arranged in superposed horizontal rows between each end frame section and the intermediate frame section and extending longitudinally of the rack, means on the intermediate frame section for detachably connecting the ends of the suspension rods arranged at opposite faces of said frame section with said section, and means on each end frame section for detachably connecting with said section the outer ends of the suspension rods arranged between said end frame section and the intermediate frame section.

1,569,359. BOX-HOOP-STRAPPING MECHANISM. SAMUEL JAMES DUNN, Windsor, Victoria, Australia. Filed June 5, 1924. Serial No. 718,153. 2 Claims. (Cl., 254—80.)



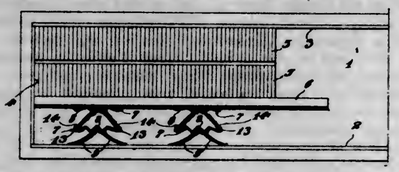
1. A hoopiron straining apparatus comprising a stationary element, a lever mounted on a pivot thereon, and formed at its end with a jaw, a gripper mounted on said pivot and formed at its outer end with a jaw coacting with the jaw on said lever and a spring connected at one end to said gripper and at the other end to said stationary element.

1,569,360. PIPE CLEANER. ZANZIE EDWARDS, Clarksville, Tenn. Filed Feb. 19, 1925. Serial No. 10,245. 1 Claim. (Cl. 15—104.04.)



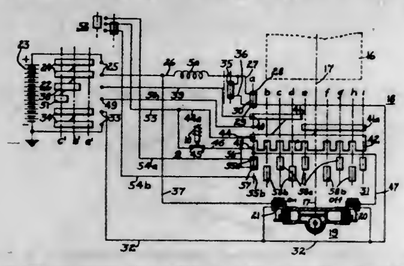
A cleaning device of the class described including a body having circular ends, one smaller in diameter than the other and a plurality of concave teeth on the surface extending longitudinall between the ends the body being smaller at an intermediate portion than at either end, and a stud shaft extending from the larger end axially of the body.

1,569,361. GALLEY SIDE LOCK. JOHN FARNSWORTH, Philadelphia, Pa. Filed Jan. 27, 1925. Serial No. 5,011. 10 Claims. (Cl. 276—42.)



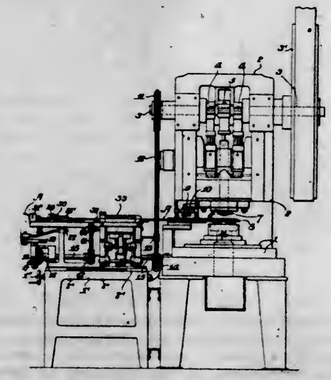
1. A galley lock comprising a body bent back and forth to produce a notch, and a spring projecting from the notch and adapted to be stressed when in type holding position.

1,569,362. CONTROL SYSTEM. ALEXANDER DALGETY FERGUSON, Oldham, England, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 12, 1922. Serial No. 674,228. 7 Claims. (Cl. 172—179.)



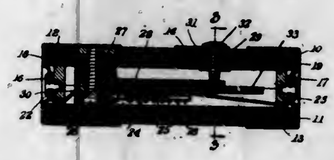
1. The combination with a main controller for starting electric motor, of a current-limit device for causing a step-by-step advance of the main controller, said current-limiting device being actuated upon changes in the current flowing in the motor circuit, and a plural-position switch co-operative to effect a step-by-step operation of the controller as it is moved from position to position independently of said current-limit device.

1,569,363. PRINTING ATTACHMENT FOR CAP-FORMING MACHINES. CHARLES A. GARRETT, Philadelphia, Pa. Filed Aug. 23, 1921. Serial No. 494,469. 7 Claims. (Cl. 93—1.)



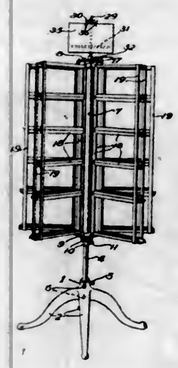
1. A machine for forming and printing closures comprising dieing mechanism, printing mechanism, and feeding mechanism comprising means for advancing a sheet of material to said printing and dieing mechanism in sequence and means for holding said sheet against movement during the operation thereon of said printing and dieing mechanism.

1,569,364. ELECTRIC RELAY. BENJAMIN E. GETCHELL, Plainville, Conn., assignor to Trumbull Electric Manufacturing Company, Plainville, Conn., a Corporation of Connecticut. Filed Oct. 18, 1923. Serial No. 669,304. 10 Claims. (Cl. 200—122.)



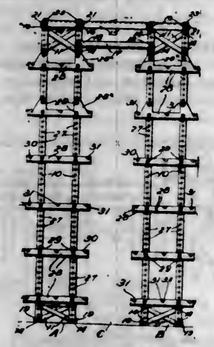
1. An electric relay comprising an insulating body portion having a channelled face, a heater element secured thereto, a thermostatic element secured to the body between the heater and the body face, a contact screw secured to said body to cooperate with the thermostatic element, an insulating cover cooperating with the body to enclose said elements, and end caps to hold the body and cover together.

1,569,365. DISPLAY FIXTURE. SAMUEL GOLDBERG, New York, N. Y., assignor to Universal Fixture Corporation, New York, N. Y., a Corporation of New York. Filed Aug. 16, 1923. Serial No. 657,723. 2 Claims. (Cl. 211—20.)



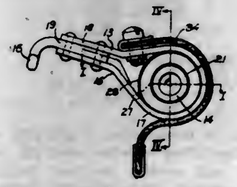
1. A display fixture comprising a spool-like carrier, means supporting the carrier to rotate about a vertical axis, a series of swinging panels extending outwardly from the carrier and pivoted at their inner ends between the upper and lower heads of the carrier, each panel being formed with a series of superposed article-holding pockets open at their sides and at their outer ends, a stop carried by the lower end of each panel and riding upon the lower carrier head, and a series of spaced abutments carried by the lower carrier head and arranged in pairs with one abutment at either side of each of said stop members to limit the swing of the panels relatively to the carrier by contact with the stop members, the stop members spacing the panels above the abutments and being of materially less width than the transverse width of the panels to increase the swinging scope of the panels.

1,569,366. DISPLAY RACK. SAMUEL GOLDBERG, New York, N. Y., assignor to Universal Fixture Corporation, New York, N. Y., a Corporation of New York. Filed Sept. 18, 1923. Serial No. 663,405. 1 Claim. (Cl. 211—18.)



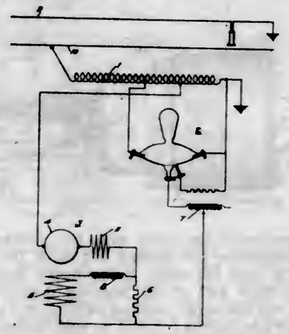
A rack for fabrics in the roll, comprising two spaced upright frame sections each section being rectangular in horizontal section and formed of four vertically arranged corner angle-irons each of said angle-irons being formed with a vertical series of bolt apertures in its vertical end members, transverse rods rigidly and detachably connecting together the vertical angle bars of each frame section at the upper and lower ends thereof, detachable truss means connecting the top and bottom of each section, means detachably connecting together the upper ends of the two frame sections to stabilize them and hold them rigidly spaced apart to form an arched passageway therebetween, and a series of saddle-bars adjustably and detachably bolted through said bolt apertures to each adjacent pair of corner-irons of each frame section, these saddle bars lying in planes at right angles to the passageway between the frames and each having its ends projecting beyond the frame section and provided with bearings for the fabric roll shafts at said projecting ends and midway the ends, whereby the fabric rolls may be displayed at the center of each section and upon the inner and outer sides thereof and will project between the aforesaid corner-irons.

1,569,367. BRUSHHOLDER CONTACT FINGER. HARRY F. HARTMAN, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 2, 1925. Serial No. 20,072. 4 Claims. (Cl. 171—324.)



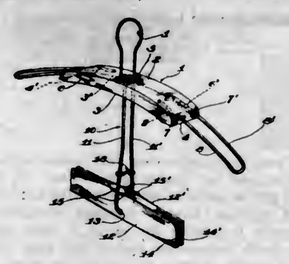
3. A brushholder for electrical machines comprising a finger-supporting shaft and characterized by a finger having a hub portion on said shaft and adapted to yieldably press a brush into operative engagement with a co-operating current-collecting device, said finger comprising an arm extending from said hub portion, and a separate T-shaped tip for contacting with the brush, and means for securing the leg of the tip to said arm, the material of said tip being more resistant to sparking at the brush contact than the material of said arm.

1,569,368. RECTIFIED-CURRENT COMMUTATOR MOTOR. RUDOLF E. HELLMUND, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 5, 1921. Serial No. 435,207. 7 Claims. (Cl. 172—276.)



6. The method of translating power between an alternating-current device having a generated electromotive force of substantially sinusoidal wave-form and a direct-current device having a substantially constant unidirectional generated electromotive force, which comprises introducing an alternating electromotive force in the direct-current circuit to cause the direct current to vary cyclically from substantially zero to a maximum value.

1,569,369. CLOTHES HANGER. HENRY T. HETTINGER, Pittsburgh, Pa. Filed Apr. 10, 1925. Serial No. 22,221. 6 Claims. (Cl. 211—13.)

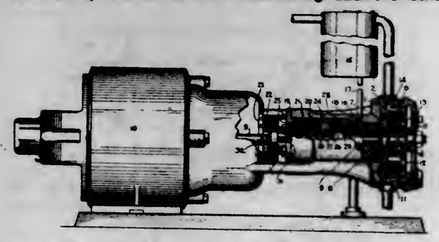


1. A foldable suit hanger comprising a cross bar having a body provided with a recess in its bottom face and depending flanges bordering said recess, said flanges being provided with apertures extending therethrough, a pair of oppositely disposed resilient slides slidingly mounted in the cross bar, the inner ends of the slides projecting within the said recess and having offset portions adapted to lockingly engage with said apertures for resiliently holding the slides against movement relatively to the cross bar.

1,569,370. ROTARY COMPRESSOR. EBENEZER HILL, South Norwalk, Conn., assignor to The Hill Compressor & Pump Company, New York, N. Y., a Corporation of Delaware. Filed May 13, 1925. Serial No. 29,907. 9 Claims. (Cl. 230—30.)

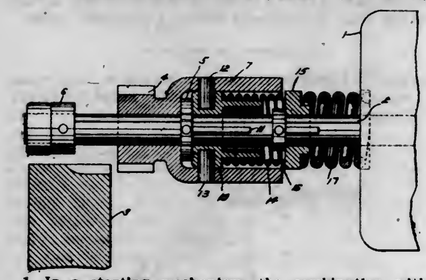
1. The combination in a rotary compressor having a casing with a pumping chamber and recess communicating with the back of the pumping chamber, said pumping chamber containing internal and external coacting pumping members, of a driving shaft connected with the pumping members and extending through said recess, means for admitting discharge pressure to the recess back of the pumping members whereby said pressure tends

to force the pumping members against the front wall of the pumping chamber, a floating stuffing box surrounding the shaft and extending into the recess, a flexible metallic packing surrounding the stuffing box and having one end hermetically connected with the casing and the other



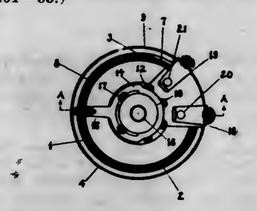
end hermetically connected with the stuffing box, and means connecting the stuffing box with the shaft and adapted to pull the shaft and pumping members away from the front wall of the pumping chamber under the force of the discharge pressure exerted in the recess on the end of the stuffing box and on said flexible packing.

1,569,371. STARTING MECHANISM FOR AUTOMOBILES. CHARLES H. HODGKINS, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 21, 1920. Serial No. 432,361. 9 Claims. (Cl. 74—7.)



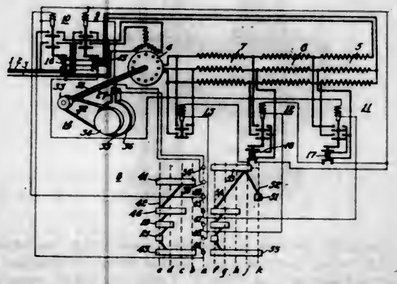
1. In a starting mechanism, the combination with a motor pinion and an engine gear wheel, of means for moving the pinion axially into mesh with the engine gear wheel, and springs having different strengths one of which operates to absorb the shock in case the ends of the pinion teeth engage the end of the gear wheel teeth and both of which operate to absorb the shock of initial actuation of the engine.

1,569,372. CURRENT-CONTROLLING MEANS. LAWRENCE C. F. HORLE, Newark, N. J., assignor, by mesne assignments, to Federal Telephone Manufacturing Corporation, Buffalo, N. Y., a Corporation of New York. Filed July 17, 1924. Serial No. 726,642. 2 Claims. (Cl. 201—55.)



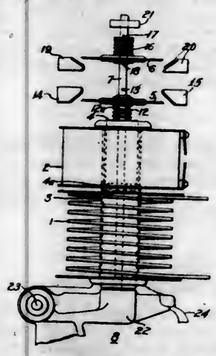
1. In a rheostat, base member carrying a resistance element comprising in series a comparatively heavy wire coil and a comparatively fine wire coil, a rotatable sleeve journaled in said base and adapted to be fastened to an actuating shaft and carrying a contact finger in slidable engagement with said resistance element, and means associated with said base and independent of said shaft for holding said sleeve and attached finger in alignment with respect to said base and said resistance element.

1,569,373. CONTROL SYSTEM. HENRY D. JAMES, Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 20, 1920. Serial No. 425,457. 8 Claims. (Cl. 172—152.)



1. In a motor-control system, the combination with a motor, a load and a controller, of means comprising a differential gear mechanism responsive to said load for insuring said motor against operation in the reverse direction when said controller occupies a position corresponding to reversed motor operation.

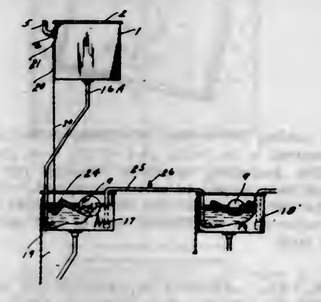
1,569,374. CONTROL APPARATUS. HOWARD H. JOHNSTON, Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Original application filed May 23, 1919, Serial No. 299,183. Divided and this application filed Sept. 2, 1922. Serial No. 585,872. 10 Claims. (Cl. 200—87.)



1. In a switch, in combination, a plurality of contact members for controlling electric circuits, a movable contact carrier, said contact members being movably mounted on the carrier, electromagnetic means adapted to effect the movement of a contact member independently of the carrier, and means operated by said electromagnetic means disposed to actuate the carrier.

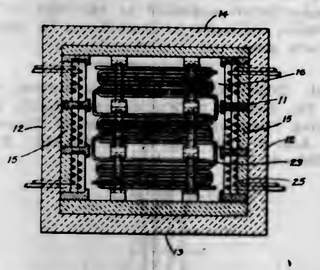
1,569,375. AUTOMATIC LIQUID CONTROL. EDWIN E. JOSLIN, Portland, Oreg. Filed May 25, 1925. Serial No. 32,704. 1 Claim. (Cl. 4—42.)

An automatic liquid control, comprising a master control box having an inlet compartment and a discharging compartment formed by a transverse partition disposed thereacross, the upper surface of which is disposed substantially below the upper, outer surfaces of the outer walls of the box, the receiving compartment of said master control box being connected to a source of liquid under pressure, a float controlled valve admitting liquid from said source when the level of said liquid is lowered in the inlet compartment of said box, an inlet pipe having its inner end disposed below the inlet valve and being curved upwardly and so disposed as to impinge the discharging liquids upon the float contained therein to impart an upward movement thereto, a yoke siphon disposed over the transverse



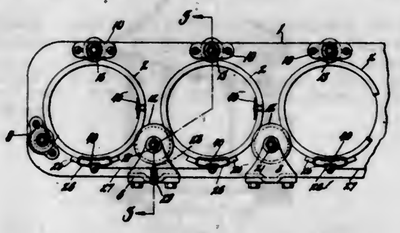
partition and adapted to pass liquids from the inlet compartment within the box to the outlet compartment of said box, said siphon adapted to be oscillated about a fixed bearing within the box and to actuate the float controlled valve to admit liquid within the inlet compartment within the box, a series of one or more secondary flushing tanks disposed below the master control box and a communicating flushing pipe disposed between the master control box and the first of the series of flushing tanks disposed therebelow, and float control means adapted to manipulate the outlet means disposed within the outlet compartment of the master control box.

1,569,376. FURNACE RESISTOR MOUNTING. ALVIN D. KEENE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 20, 1923. Serial No. 675,863. 5 Claims. (Cl. 204—64.)



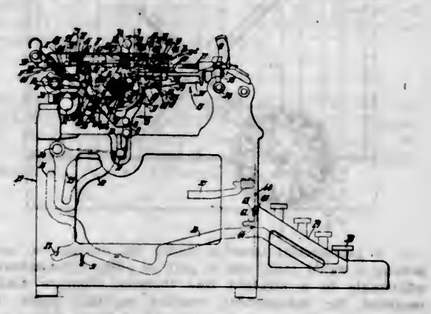
1. In an electric furnace, in combination, a plurality of spaced sets of fixed, alined and spaced members, of substantially T-shape, pairs of superposed coextensive substantially vertically-extending, relatively narrow, supporting bars having laterally-extending grooves in one surface thereof supported by said members of T-shape, and pairs of relatively heavy preformed resistor members extending through said lateral grooves in the alined supporting-bars and therebetween, said resistor members being located in adjacent parallel planes.

1,569,377. TWISTER RING. WILHO A. KOSKEN, New York, N. Y., assignor, by mesne assignments, to Benjamin Farnham Smith, Concord, Mass. Filed Dec. 28, 1922. Serial No. 609,480. 12 Claims. (Cl. 118—56.)



1. In combination, a rail, a plurality of twister rings arranged in series on said rail, and a plurality of rollers journaled on said rail with their peripheries engaging the peripheries of said rings, certain of said rollers being positioned between a pair of rings and in engagement with both rings, and each of the remaining rollers engaging one ring only, the rollers engaging a pair of rings being of larger diameter than those engaging one ring only.

1,569,378. TYPEWRITING MACHINE. ALFRED G. F. KUBOWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 8, 1923. Serial No. 623,622. 11 Claims. (Cl. 197—186.)

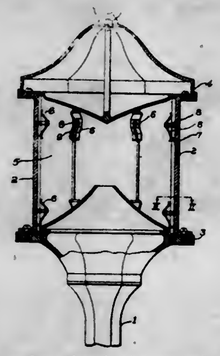


1. In a typewriting machine, a platen, a frame for the platen, a support for the platen-frame, means for shifting the platen-frame between case positions on its support, and a spring-seat for the platen-frame on its support to cushion and sound-deaden the impact of the platen-frame against the support when the platen-frame is arrested in the movement thereof from one to another case position; the spring-seat comprising a folded leaf-spring secured to the platen-frame, and an abutment on the support for engagement with the free end of the leaf-spring, one reach of the leaf-spring having an ear thereon and a pin on the ear for engagement with the other reach of the leaf-spring to hold the spring partially compressed and to determine the normal setting of the platen-frame on its support.

1,569,379. HOLDING CLIP FOR LANTERNS. ERNEST M. LARKIN, South Bend, Ind., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 20, 1923. Serial No. 681,747. 3 Claims. (Cl. 240—25.)

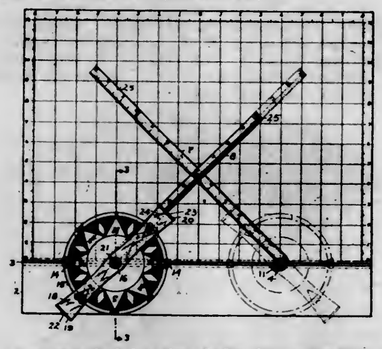
1. In a lighting fixture, a plurality of panels, retaining members therefor and means for securing said

panels to said members, said means comprising resilient clips, each of said clips having an elongated slot and



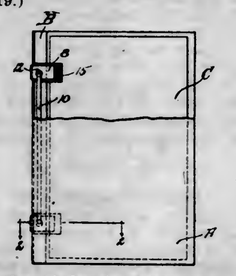
an up-struck portion therein in central alignment for the purpose of securing and aligning said clip.

1,569,380. GEOMETRICAL LOCATION FINDER FOR NAVIGATORS. SAMUEL E. LEONARD, Jr., East Cleveland, Ohio. Filed Apr. 11, 1921. Serial No. 460,249. 9 Claims. (Cl. 33—67.)



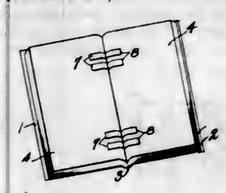
1. A geometrical location finder for navigators, comprising a ruled table and a pair of posts independently adjustable in a straight line thereon, separate blades mounted for independent rotation on said posts, respectively, and a compass card and sighting device and means mounting said card and sighting device whereby they may be detachably mounted for independent rotational movement upon either post.

1,569,381. BINDER. LEO R. LEWIS, Somerville, Mass. Filed Mar. 16, 1923. Serial No. 625,520. 14 Claims. (Cl. 129—19.)



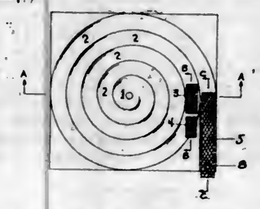
1. A protective binder for books and the like comprising a flexible cover sheet folded to provide cover portions and a back, a filler between the cover portions of the sheet at a point adjacent to the back, means including a flexible part detachably connecting the filler to the back portion of the cover sheet, and flexible means for securing a book interposed between the cover portions of the cover sheet, to the filler.

1,569,382. BOOKBINDING. LEO R. LEWIS, Somerville, Mass. Filed Jan. 29, 1924. Serial No. 689,253. 24 Claims. (Cl. 281—21.)



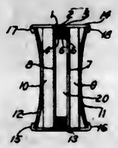
1. A binding for a book comprising a flexible anchor strip secured to an inside part of the book and having a portion projecting outwardly through the back of the book, said projecting portion comprising a plurality of parts, and covers for the book, the covers being secured respectively to different ones of said parts of the anchor strip.

1,569,383. AUTOMATIC DOUGHNUT COOKER. ERNEST E. LINDSEY, San Francisco, Calif., assignor of one-half to John H. Herring, Piedmont, Calif. Filed Oct. 7, 1919. Serial No. 328,989. 8 Claims. (Cl. 53—7.)



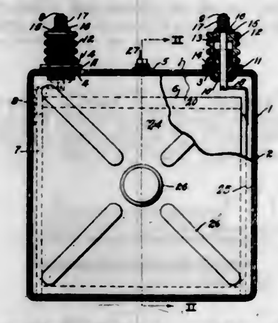
7. In a cooking apparatus of the type described, the combination of heating means having a plurality of heating elements, a channel, means for circulating a fluid in said channel and for causing the circulation of fluid to transport the articles of food along the channel and cook the food and means in the path of travel of the articles under propulsion by the fluid for turning them over in the course of their travel to insure cooking on both sides.

1,569,384. CONDENSER. RALPH E. MARBURY, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 3, 1921. Serial No. 489,540. 2 Claims. (Cl. 250—41.)



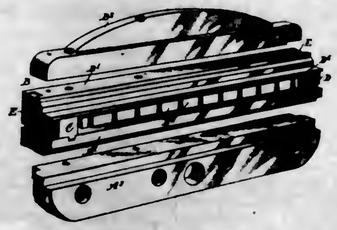
1. An electrical apparatus comprising a stack of superimposed layers, end plates therefor, a bowed leaf spring disposed against at least one of said end plates, said spring having its central portion in engagement with said end plate and its end portions spaced therefrom, and clip members having inwardly disposed retaining shoulders for engaging said end portions to hold said stack together under the yielding pressure of said spring.

1,569,385. CONDENSER CASING. RALPH E. MARBURY, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 18, 1921. Serial No. 493,282. 3 Claims. (Cl. 250—41.)



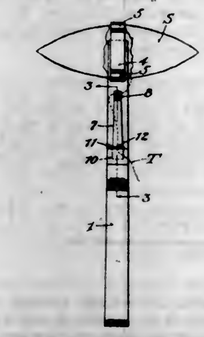
1. An electrical apparatus comprising a stack of superimposed layers, and a casing therefor having parts with telescoping sides, said telescoping sides being welded to hold said stack under compression.

1,569,386. SLUG-CASTING MOLD. RICHARD R. MEAD, Brooklyn, N. Y., assignor to Mergenthaler Linotype Company, a Corporation of New York. Filed Apr. 9, 1925. Serial No. 21,760. 8 Claims. (Cl. 199—55.)



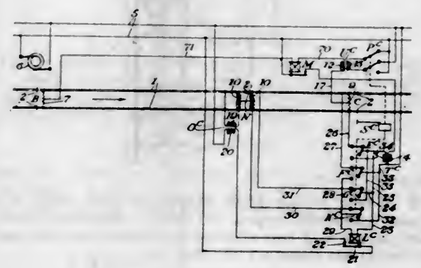
1. In or for a slug-casting machine, a composite mold having hardened steel side walls, and reinforcing members applied to the side walls and serving to resist warping or distortion thereof.

1,569,387. SHUTTLE WINDER. ERNEST J. MEUZ, Cranston, R. I. Filed Mar. 18, 1925. Serial No. 16,550. 1 Claim. (Cl. 242—52.)



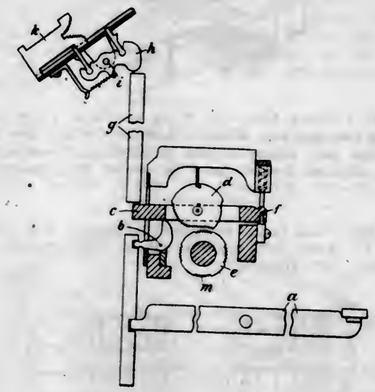
In a shuttle winder, a handle, shuttle rotating means carried thereby, the handle having an abutment and a slot extending thereinto, a flexible arm having one end bent to form a flexible thread-receiving eye, the opposite end of the arm being doubled upon itself and received in the slot and having its extremity turned at an angle to engage the abutment and notched to receive the thread.

1,569,388. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. FRANK H. NICHOLSON, Lewistown, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Apr. 10, 1923. Serial No. 631,119. 19 Claims. (Cl. 246—37.)



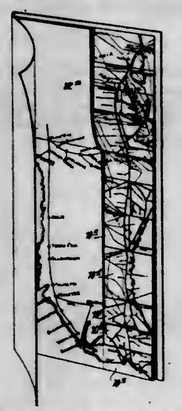
8. In combination, a railway track, means for supplying local current to the two rails of said track in multiple, and means dependent upon the presence of said local current for connecting a source of track circuit current across the rails of said track.

1,569,389. MATRIX-COMPOSING AND LINE-CASTING MACHINE. OTTO PAERSCH, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y., a Corporation of New York. Filed May 22, 1925. Serial No. 32,011. 6 Claims. (Cl. 199—25.)



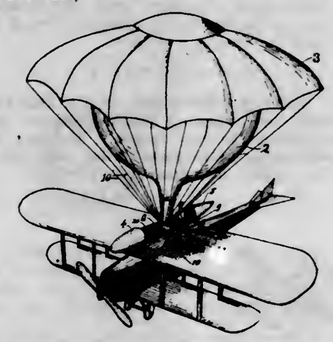
2. In a matrix composing and line casting machine, a roller according to claim 1, characterized by the fact that the corrugated peripheral portions alternate with smooth portions.

1,569,390. BOOK INDEX. RALPH EGBERT PARKER, Birmingham, Ala. Filed Aug. 7, 1925. Serial No. 48,809. 3 Claims. (Cl. 283—42.)



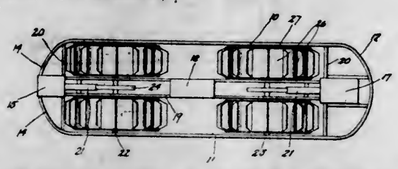
1. A book having pages shaped to form index tabs which collectively expose to view a complete lay-out, each page of said book showing in greater detail the part of the lay-out shown on its index tab.

1,569,391. SAFETY DEVICE FOR FLYING MACHINES. RUBIN PEARL and JOSEPH SUSSNA, Philadelphia, Pa. Filed Oct. 5, 1925. Serial No. 60,657. 12 Claims. (Cl. 244—21.)



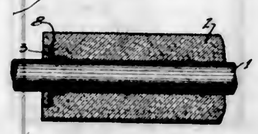
1. In a safety device for flying machines, a gas bag, a supply of gas and means to connect the said gas bag with the said supply of gas automatically, when the flying machine departs from its normal flying position.

1,569,392. SEA CAR. FERRUCCIO RAFFAELLI, New York, N. Y. Filed Nov. 6, 1924. Serial No. 748,020. 1 Claim. (Cl. 115—19.)



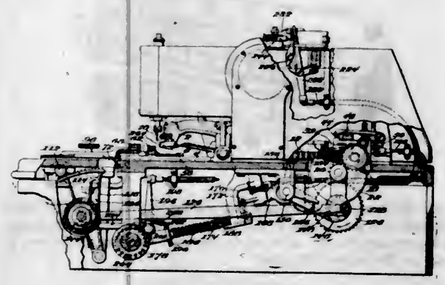
A sea car comprising a longitudinal body having side frames and a semi-circular bow and sterm, a rudder pivoted beneath the stern, paddle wheels mounted between the side frames of said body, the paddle wheels being mounted in units of two on a single shaft and mutually spaced-apart, said paddle wheels comprising hollow drums having flat side faces, blades radiating from the peripheries of said drums, the blades extending entirely across the width of said drums, the longitudinal sides of said blades converging toward each other, the blades being narrowest at the extreme edge, said drums being hermetically sealed to aid the car as a buoyancy agent.

1,569,393. RUBBER ROLL. JOHN J. RATHERS, Erie, Pa., assignor to Lovell Manufacturing Company, Erie, Pa., a Corporation of Pennsylvania. Filed Nov. 3, 1923. Serial No. 672,521. 6 Claims. (Cl. 68—33.)



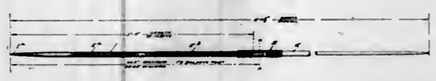
1. A rubber roll comprising a metal rod; a roll body of comparatively soft rubber bonded to the rod; and a washer of comparatively hard rubber at the end of the roll.

1,569,394. BUTTONHOLE-SEWING MACHINE. EUGENE J. RAY, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed June 28, 1920, Serial No. 392,208. Renewed Oct. 20, 1923. 36 Claims. (Cl. 112—65.)



1. A buttonhole sewing machine, having, in combination, stitch-forming mechanism, mechanism for relatively feeding and moving the work to sew a series of buttonholes, and means rendered active upon the breaking of the thread to stop the machine with the parts in predetermined relative position.

1,569,395. JAVELIN. WILLIAM F. REACH, Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y., a Corporation of New Jersey. Filed June 24, 1925. Serial No. 39,261. 3 Claims. (Cl. 272—59.)

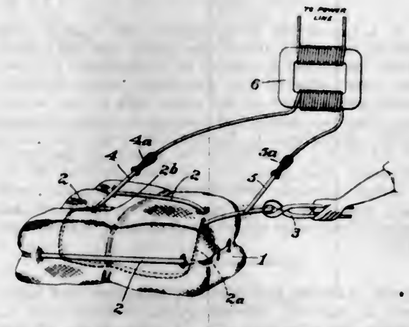


2. A javelin having a metallic tubular head and a wooden shaft, the head being of a length not less than one-third the length of the shaft, the portion of the shaft within the head having an elongated annular reduced portion providing spaced contact portions engaging the inner wall of the head.

1,569,396. PROCESS OF PRODUCING ARTIFICIAL SNOW. JOHN A. RICE, Berkeley, Calif. Filed Dec. 31, 1923. Serial No. 683,826. 10 Claims. (Cl. 252—1.)

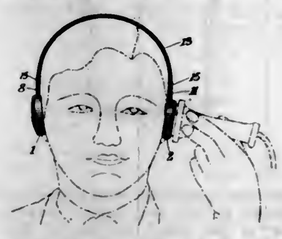
1. The method of producing artificial snow which consists in mixing a protein soaked in water in the presence of rennet with a foaming agent, in agitating the resulting product into a froth and adding a soluble calcium salt.

1,569,397. METHOD OF REMOVING METALLIC STRAPS FROM BALES. ISAAC W. ROBERTSON, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Mar. 9, 1925. Serial No. 14,313. 4 Claims. (Cl. 219—1.)



1. The hereindescribed method of removing metal baling bands from bales of non-conducting and tenacious materials, which consists in heating the bands sufficiently to break the adhesive bond between the bands and bale material, and thereafter removing the band.

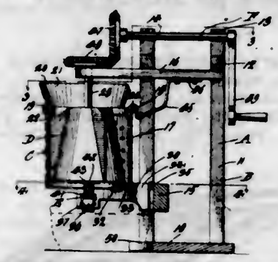
1,569,398. TELEPHONIC RECEPTION APPARATUS. LOUIS S. SCHEB, New York, N. Y., assignor to Telephone Auxiliary Co., Inc., New York, N. Y., a Corporation of New York. Filed June 9, 1925. Serial No. 35,859. 6 Claims. (Cl. 179—182.)



2. In telephone reception apparatus, the combination of a pair of ear pieces, one of the same having its opposite surfaces adapted to fit the ear, and to form a seat against which the end of a telephone receiver may be pressed, respectively, said ear pieces having short rigid cylindrical tubes extending therefrom and opening into the interiors thereof, and a sound-conducting tube having rigid cylindrical end portions adapted to engage telescopically with a frictional fit, with said short tubes.

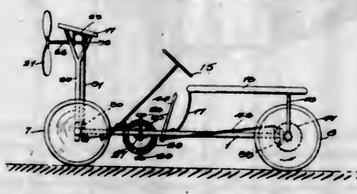
1,569,399. GRATING OR SLICING MACHINE. JOSEPH SCHINDLER, Burney, Calif. Filed Mar. 20, 1925. Serial No. 17,038. 6 Claims. (Cl. 145—1.)

2. A vegetable grater comprising a frame, a cylindrical shell for receiving the vegetable to be grated, a plurality of radially extending cutting and grating points formed on the shell, a rotatable frusto-conical shell disposed axially within the shell, radially extending blades carried by the periphery of the drum for moving the vegetables to be grated past said grating and cutting points,



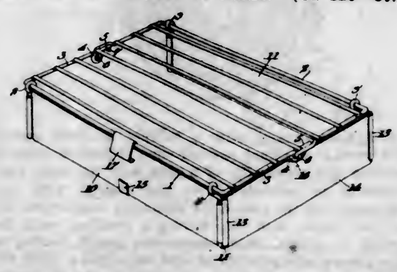
a hopper for the upper end of the shell, releasable means for detachably engaging the shell for holding the same in position against movement, and means disposed at one side of the frame for rotating said drum.

1,569,400. CHILD'S RIDING TOY. FRANZ JOSEPH SCHUBERT, Nashville, Tenn. Filed Apr. 19, 1924. Serial No. 707,752. 3 Claims. (Cl. 208—42.)



1. In a device of the character described, a motion transmission means including a counter shaft, a gear secured on said counter shaft, a freely rotatable axle, a gear supported on said axle and in mesh with said first named gear, said last named gear having a central opening receiving said axle, said central opening including a plurality of spaced cut-outs, each having a radial wall and a curved wall, said curved wall being merged at one end into the outer end of one of said radial walls and being merged at its other end into the adjacent radial wall at the inner end of the latter, said axle having a diametrical slot located in the plane of said second named gear, and a clutch pin slidable in said slot and having a length greater than that of said slot and less than the combined length of said slot and one of said radial walls.

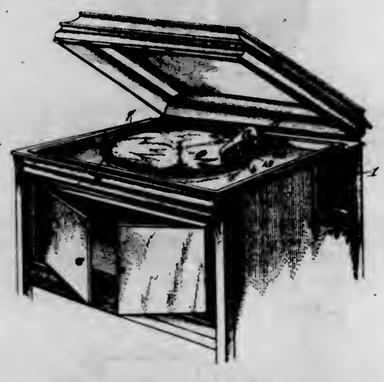
1,569,401. COLLAPSIBLE STOVE. LOWELL M. SIMS, Eugene, Oreg. Refile of application Ser. No. 634,238, filed Apr. 24, 1923. This application filed Mar. 21, 1925. Ser. No. 17,423. 2 Claims. (Cl. 126—30.)



1. In a collapsible stove, a grid provided with frame members, hinge members carried by said frame members and supporting side panels, one of the hinge members of

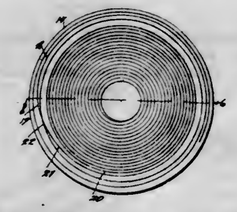
each side panel being provided with an upright, and an end panel provided at its ends with sockets adapted for separable connection with said uprights for maintaining said side panels in grid supporting position.

1,569,402. STYLUS-SHARPENING DEVICE. JOHN QUEEN SLYE, Washington, D. C., assignor to Standard Appliance and Souvenir Company, Washington, D. C., a Corporation of the District of Columbia. Filed May 27, 1922. Serial No. 564,161. 11 Claims. (Cl. 274—1.)



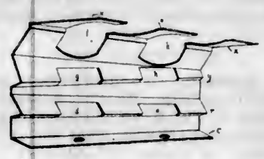
7. A stylus sharpening device consisting of a member for operative mounting on a record supporting turntable, said member having a grinding groove with which the beveled end of a stylus may engage, whereby said beveled end may be sharpened, and means at the terminal of the grinding groove and movable to different positions over the record for making the transfer of the needle from the grinding groove to the record groove, and means for holding the transfer means in such different positions, whereby the stylus may accommodate itself to records of different diameters.

1,569,403. FIBER-NEEDLE SHARPENER FOR TALKING MACHINE RECORDS. JOHN QUEEN SLYE, Washington, D. C., assignor to Standard Appliance and Souvenir Company, Washington, D. C., a Corporation of the District of Columbia. Filed June 3, 1922. Serial No. 565,758. 11 Claims. (Cl. 274—42.)



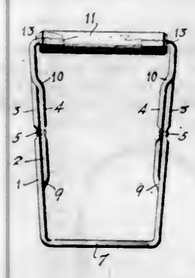
10. The combination with a talking machine record provided with a marginal beveled edge extending slightly downwardly and outwardly, of a ring with its inner edge under-beveled to correspond to and engage with the beveled margin of the record for separably supporting the ring on the record, said ring having a grinding track for sharpening a needle, said sharpening track having a transfer groove abruptly spiral and connecting with the sharpening groove and the sound wave groove to permit the needle to automatically transfer from one to the other.

1,569,404. OIL REGULATOR FOR GAS ENGINES. CLAIR SMITH, Council Bluffs, Iowa. Filed Feb. 9, 1923, Serial No. 618,154. Renewed Aug. 17, 1925. 3 Claims. (Cl. 184—11.)



1. In a gas engine of the splash oiler type, a plate located at the splash side of the crank case and extending from the bottom to the top of the same and provided at the lower edge with a horizontal flange extending inwardly and secured to the crank case at the bottom thereof, the top portion of the plate being extended inwardly approximately horizontally over the crank shaft and having openings for the passage of the cranks of the same, said plate being provided between its top and bottom portions with longitudinal angular bends forming shoulders at the inner side of the plate and a groove at the outer side thereof adapted to receive an oil pipe.

1,569,405. LIFTER FOR FRUIT JARS AND THE LIKE. JOHN L. SOMMER, Newark, N. J., assignor to J. L. Sommer Manufacturing Co., a Corporation of New Jersey. Filed Oct. 17, 1922. Serial No. 595,105. 1 Claim. (Cl. 294—28.)

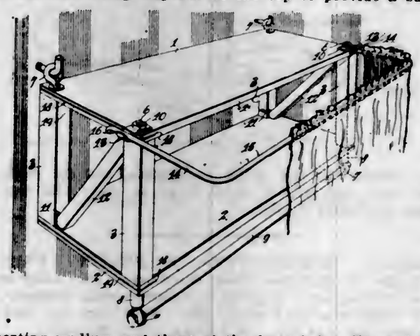


A lifter for jars, comprising rectangular members each having a handle at one end and an outwardly curved gripping jaw at the other end, one of said members having substantially parallel arms and the arms of the other member being offset toward each other for their middle portions intermediate the ends of the member and pivoted between the arms of the other member flatwise thereagainst, whereby the jaw and the handle of one member may be duplicates of those of the other member to secure uniformity in manufacture and use.

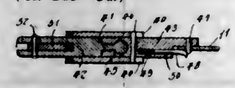
1,569,406. PORTABLE AND COLLAPSIBLE WARDROBE. EDWIN C. SONNTAG, Bartlett, Tex. Filed May 7, 1924. Serial No. 711,711. 13 Claims. (Cl. 45—37.)

1. In a device of the class described, shelves for supporting articles of apparel, corner posts for spacing the shelves one above the other, securing bolts passing through the corner posts and the shelves for securing the shelves in cooperative relation while permitting ready disassembly of the parts, the securing bolts each

being threaded at one end to receive a securing nut and having an open eye at the opposite end, the open eyes at the rear being disposed at the top to provide a supporting medium and those at the front being disposed at the bottom, and a garment hanger supporting rod carried by said front eyes.



1,569,407. HACK SAW. WILLIAM SPARTIVENTO, Buffalo, N. Y. Filed July 12, 1924. Serial No. 725,561. 4 Claims. (Cl. 145—34.)



1. In combination, a frame provided with a barrel, a stem section journaled and slidable in the barrel, securing means for a tool carried by said section, a second tool stem section slidable and journaled in said barrel, means connecting said sections together to permit turning of one of them with respect to the other and about their longitudinal axis, interengaging fastening means between one of said sections and said barrel, and a lever to coact with the barrel to fasten the parts in operative position.

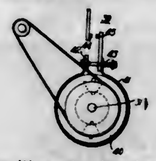
1,569,408. HACK SAW. WILLIAM SPARTIVENTO, Buffalo, N. Y. Filed Feb. 7, 1925. Serial No. 7,631. 3 Claims. (Cl. 145—34.)



3. A hack saw comprising a frame, a sleeve carried by the frame and provided with a scalloped outer end, a stem slidably and rotatably mounted in the sleeve and provided at its outer end with a head, a washer mounted on the stem and having a scalloped inner side for engagement with the scalloped end of the sleeve, a cam mounted on the stem between the head and sleeve for rockable, rotary and sliding movements with respect thereto, a second sleeve carried by the frame, a second stem carried by the second sleeve, and saw blade engaging elements carried by the stems.

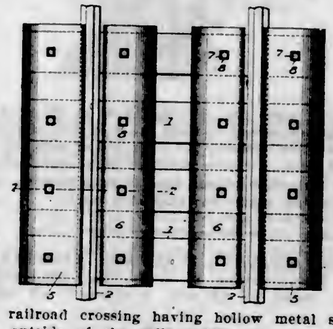
1,569,409. SYSTEM OF CONTROL. STEPHEN A. STAEGE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 15, 1919. Serial No. 297,297. 5 Claims. (Cl. 172—239.)

2. In a control system for a plurality of rolls, the combination with a supply circuit, a main motor adapted to operate said rolls, two switches for connecting the motor to the supply circuit and for controlling the direction of motor current to provide reversel thereof, and a master switch for selectively energizing said switches, of an auxiliary motor, a differential gear having members thereof respectively rotated by said main motor and said auxiliary motor, and means controlled by the planetary members of the differential gear for



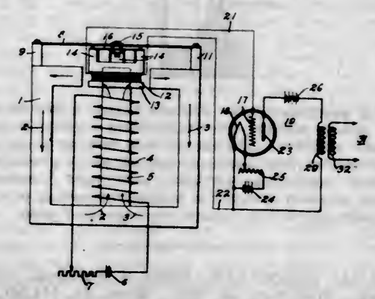
opening the controlling circuit of said master switch in case the speed of said rolls upon a reversal of current falls below a predetermined value, corresponding to the speed of the auxiliary motor.

1,569,410. SHEET-METAL RAILROAD CROSSING. DAN THOMAS, England, Ark. Filed Dec. 10, 1924. Serial No. 754,997. 2 Claims. (Cl. 238—8.)



1. A railroad crossing having hollow metal sections located outside of the rails, said sections each being provided with an exposed, sloping upper surface leading upwardly from its outer edge to the rail and provided at its innermost part with a wall or flange of a shape similar to the entire outermost side of the rail and bearing against the side and underside of the head and the web of the rail and having a widened base resting on the base of the rail, and fastenings connecting the said sections to the ties at points between the innermost and outermost parts thereof.

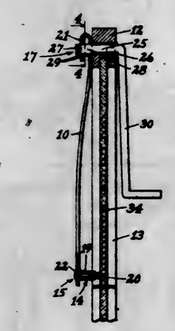
1,569,411. DYNAMIC TRANSMITTER. PHILLIPS THOMAS, Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 18, 1922. Serial No. 555,273. 4 Claims. (Cl. 179—114.)



1. A translating device comprising means capable of being set into periodic motion by vibratory energy arriving from without the device, and vibratory means for

converting said periodic motion into another form of energy, said vibratory means having a natural period of vibration differing from the frequency of said external energy.

1,569,412. WINDSHIELD WIPER. LAWRENCE W. WATERS, Los Angeles, Calif. Filed Dec. 3, 1924. Serial No. 753,586. 2 Claims. (Cl. 15—251.)



1. In a wiper for a windshield, a swinging arm, means to operatively connect the free end of said arm with the wiper element, the other end of said arm being provided with a return bend, a stub shaft extending through both sides of said bend in fixed relation thereto, and operating means for said stub shaft.

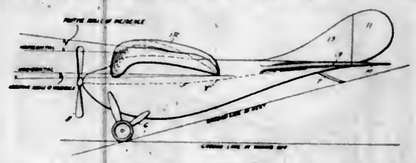
1,569,413. WEATHER STRIP FOR WINDOWS. ALBERT WEINGARTNER, St. Louis, Mo. Filed Sept. 11, 1922. Serial No. 587,422. 5 Claims. (Cl. 20—69.)



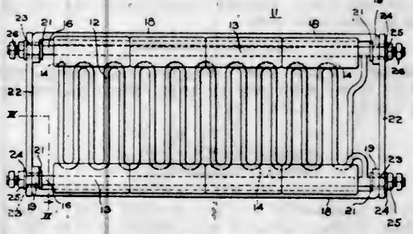
1. A weather-strip for windows having a pair of window sashes, comprising a single member adapted to be secured to one of said sashes, said member being provided with a rigid contacting portion and a plurality of resilient contacting portions, said rigid contacting portion and said plurality of resilient contacting portions being adapted to bear against the associated sash.

1,569,414. MONOPLANE. EDWIN S. WOODFORD, Salem, Oreg. Filed Nov. 19, 1921. Serial No. 516,351. 2 Claims. (Cl. 244—12.)

1. In an airplane, the combination with a tapering elliptical fuselage flattened out in its tail portion, and concave wings springing upwardly from the sides of the upper half of said fuselage and then becoming horizontal, the thickness and width of said wings diminishing towards the tips, which are flexible, and the thickness also diminishing from front to rear, the rear edges also being flexible.

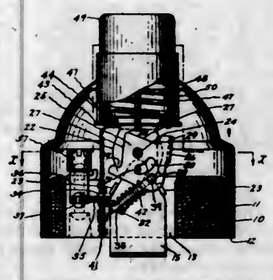


1,569,415. ELECTRIC-FURNACE HEATING UNIT. JAMES C. WOODSON, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 25, 1924. Serial No. 688,377. 10 Claims. (Cl. 201—69.)



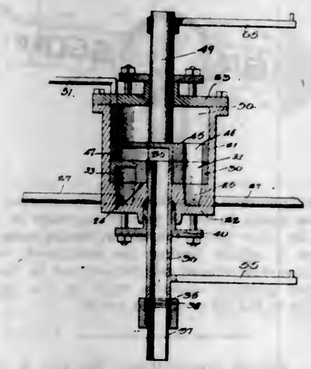
4. In an electric heating unit, in combination, a relatively heavy resistor member, preformed to comprise a plurality of substantially parallel-extending, return-bent, straight portions, a plurality of spaced sets of refractory members, of electric-insulating material, each having a plurality of spaced pockets in one face thereof for receiving the return-bent parts of said resistor member and having an opening extending longitudinally therethrough, a rod extending through the openings in the refractory members of each set for supporting them in proper operative positions, and a skeleton metal frame having side members operatively engaging said refractory members and the ends of said rods for holding them in proper operative positions.

1,569,416. SWITCH. ALBERT H. BATES, Elgin, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio, a Corporation of Ohio. Filed Aug. 5, 1922. Serial No. 579,803. 4 Claims. (Cl. 200—68.)



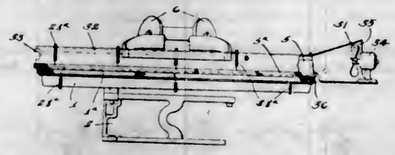
1. In a device of the character described, an actuating mechanism comprising a guide member, a plunger guided by said guide member and a coil of resilient material normally tending to force said plunger in one direction and having an extension normally coaxial with said plunger.

1,569,417. VALVE. GEORGE TINEL BOLLINGER, Lockport, La. Filed Aug. 9, 1921. Serial No. 490,937. 2 Claims. (Cl. 121—41.)



1. A valve comprising a valve casing having a bottom wall provided with a valve seat and arcuate steam pockets, a rotary valve operating on said valve seat and having steam inlet ports extending therethrough, exhaust ports extending therethrough and exhaust passages communicating with said exhaust ports and extending around the under side of the valve and communicating with the arcuate pockets, a hollow valve stem extending through said valve and constituting an exhaust conduit, a second valve superposed on said first mentioned valve and having steam inlet ports extending therethrough and adapted to be alternately registered with the steam inlet ports of the first mentioned valve and having exhaust passages communicating with each other and with the hollow valve stem and adapted to communicate with the exhaust ports of the first mentioned valve, a top wall for said valve casing defining with said valve a steam cavity and a steam inlet to said steam cavity.

1,569,418. PRESSING MACHINE. AQUILA R. BRAUN, Syracuse, N. Y., assignor, by mesne assignments, to Liberty National Bank, trustee, Syracuse, N. Y. Filed Feb. 20, 1924. Serial No. 693,960. 18 Claims. (Cl. 68—9.)



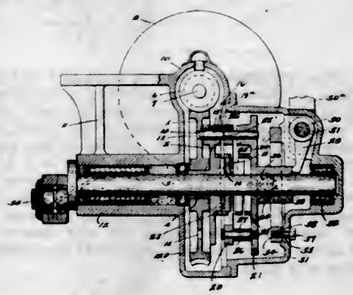
1. In a pressing machine, a heated lower buck, a press head movable toward and from the lower buck and means for supporting and operating the press head; said press head being formed with ventilating passages opening through its upper and lower faces for permitting the escape of vapor during the pressing operation, means for removing the moisture laden air from above the upper ends of said passages and supplying comparatively dry air above the upper ends of said passages.

1,569,419. FISHWAY. NEWTON DOUGLAS CHASE, Hornbrook, Calif., assignor of one-third to R. S. Stryker, Hornbrook, Calif. Filed June 4, 1924. Serial No. 717,755. 2 Claims. (Cl. 61—21.)

1. A fishway for a stream of water having an obstruction thereacross comprising a closed conduit opening at one end through the obstruction below the level of the water in the stream and extending upstream from the obstruction beyond the limit of the backwater which is caused by the obstruction in the stream and then opening into the stream.

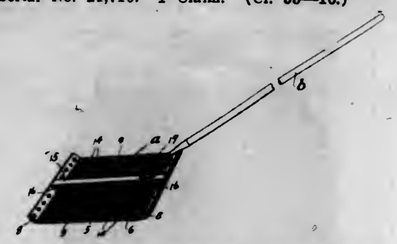


1,569,420. CLUTCH MECHANISM. ALBERT B. CLISSON, Geddes, N. Y., assignor, by mesne assignments, to Liberty National Bank, trustee, Syracuse, N. Y. Filed Feb. 26, 1924. Serial No. 695,247. 4 Claims. (Cl. 192—33.)



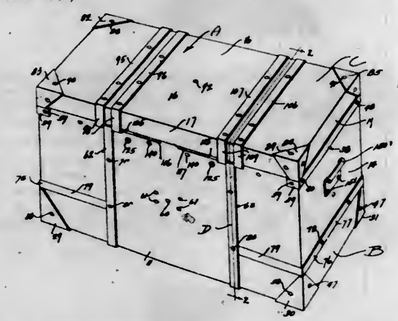
1. In a clutch, a constantly rotating driving element formed with sockets, a driven element mounted concentric with the driving element, and having a face opposed and contiguous to the driving element, the driven element being fixed from axial movement, teeth in the form of pins slidably mounted in the driven element substantially parallel to the axis of said element, and arranged to be projected beyond the face of the driven element into said sockets, means for shifting said pins into and out of the sockets, comprising a pressure ring carried by the pins, a shifting member mounted concentric with the driving and driven elements, the pins being slidable in said member, the pressure ring being normally spaced-apart from the shifting member, spring means interposed between the pressure ring and said shifting member and normally holding the same spaced-apart, and mechanism for shifting the shifting member against the action of the spring means and taking up the lost motion between the pressure ring and the shifting member.

1,569,421. LAWN-DRESSING IMPLEMENT. MANUEL T. COELHO, Redwood City, Calif. Filed Apr. 8, 1925. Serial No. 21,710. 1 Claim. (Cl. 55—10.)



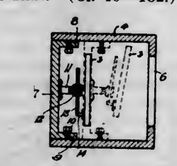
A dressing tool for lawns and the like comprising a body of foraminous material having a ground engaging surface and upturned opposite end portions and a handle connected to the said body.

1,569,422. CHEST. EARCLE DICKSON, Kittanning, Pa. Filed Jan. 5, 1925. Serial No. 642. 16 Claims. (Cl. 217—66.)



1. A chest comprising a bottom, front and rear walls, end walls, a closure, hinges pivotally connecting the closure to the rear wall, corner clips for said closure, corner clips for the lower corners of the chest, diagonal braces secured at the inside surfaces of the walls of the chest to said walls and at their lower ends to said corner clips of the chest, diagonal braces interiorly secured to the closure and to the closure corner clips, transverse bands enveloping the front, bottom and rear walls of said chest, transverse bands for said closure, and locking means cooperating with said bands in securing the closure on said chest.

1,569,423. ILLUMINATED SIGN. GEORGE A. GRIFFIN, Oakland Calif. Filed Dec. 29, 1924. Serial No. 738,728. 5 Claims. (Cl. 40—132.)



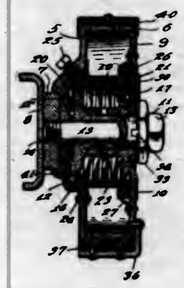
1. An illuminated sign comprising a receptacle having a front wall provided with character defining openings, a closure panel adjustably connected to said receptacle, an illuminating element in said receptacle, a series of reflectors arranged on said closure panel and means for adjusting said reflectors with respect to the character openings and illuminating element.

1,569,424. TEE MARKER. GEORGE R. JACOBUS, Hawthorne, N. J. Filed Sept. 2, 1924. Serial No. 735,249. 2 Claims. (Cl. 40—125.)



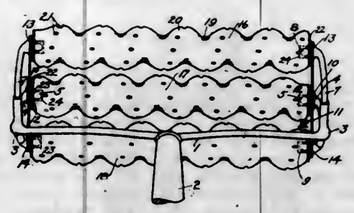
1. A golf marker consisting of two wooden blocks, one of said blocks having a transverse recess in the side adjacent the other block, the united blocks being shaped to produce a sphere having the mentioned recess at its axis, an arrow shaped pointer secured in the recess, and sharply pointed supports fixed in the sphere at right angles to the plane of said arrow.

1,569,425. SHOCK ABSORBER. NORMAN R. KRAUSE, Racine, Wis., assignor of one-half to James A. Walsh, Indianapolis, Ind. Filed Oct. 31, 1924. Serial No. 746,929. 8 Claims. (Cl. 267—10.)



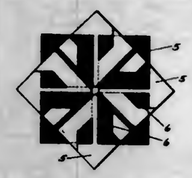
1. A shock absorber comprising a drum, a shaft in said drum, a trunnion mounted on said shaft, a collar surrounding said trunnion, a coiled spring connected at one end to said trunnion and at its opposite end to said collar, and means for adjusting said trunnion to increase and decrease the tension of said spring.

1,569,426. MASSAGING DEVICE. CHARLES R. KRAUTHOFF, Washington, D. C. Filed May 23, 1925. Serial No. 32,497. 8 Claims. (Cl. 128—57.)



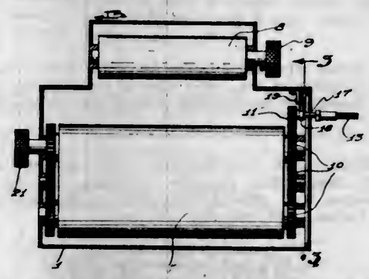
1. A massaging device comprising a plurality of normally parallel rollers having spirally formed surfaces, the spirals of the respective rollers being inversely arranged, a mounting journalling the extremities of the rollers and means in connection with such mounting to permit relative angular movement of the rollers so that they will conform to the contour of the surface over which they are caused to travel.

1,569,427. DEVICE FOR SECTIONAL CONSTRUCTION. RAYMOND L. KURTZ, Denver, Colo. Filed Sept. 2, 1924. Serial No. 735,385. 12 Claims. (Cl. 85—12.)



1. A device for sectional construction comprising normally loose and separated pieces of pliable material slitted at and obliquely to their perimetric edges, for their interlocking connection.

1,569,428. STREET SIGNAL DEVICE. EDWARD J. LARABEE, Chicago, Ill. Filed Jan. 30, 1924. Serial No. 689,510. 1 Claim. (Cl. 40—42.)



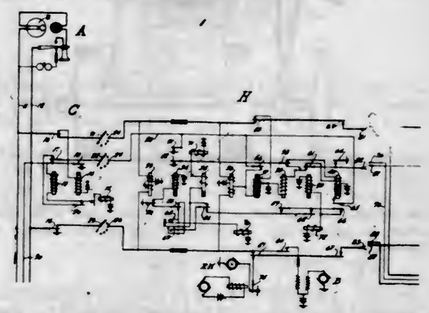
In a device of the character described a casing having a plurality of sight openings in its front wall, a pair of rollers, a train of gears connected to said rollers, for unitary movement an apron passing around the rollers and viewed thru certain of said sight openings, a sleeve mounted in said casing, a pivoted arm for supporting said sleeve, a stub shaft extending thru said sleeve and supported thereby, a gear on one end of the stub shaft cooperating with the train of gears, a flexible shaft connected to the other end of the stub shaft, drive mechanism mounted on one axle of a car and connected to said shaft for imparting movement to the rollers, yielding means for normally retaining the gear on the stub shaft in engagement with the train of gears and a hand wheel connected to one of said rollers for manually operating the same when said gear is thrown into inoperative position.

1,569,429. ROTARY ENGINE. SAMUEL LIPPERT, Garfield Heights, Ohio, assignor to The Outlook Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 14, 1923. Serial No. 638,835. 6 Claims. (Cl. 121—97.)



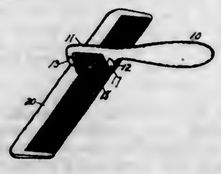
1. In a motor of the character set forth comprising a casing, a shaft supported transversely of the casing adjacent a wall thereof, a piston extending from the shaft and dividing the casing into two compartments, valve mechanism through which, in alternation, one of the compartments is placed in communication with a source of motive fluid and the other compartment is exhausted, and packing material carried by and extending about the shaft from one side of the piston to the other and between the shaft and the aforesaid wall to effectively close the joint between the shaft and wall.

1,569,430. AUTOMATIC TELEPHONE SYSTEM. CLARENCE E. LOMAX, Chicago, Ill., assignor to Automatic Electric Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 7, 1923. Serial No. 661,343. 8 Claims. (Cl. 179—18.)



1. In a telephone system, a calling station, a plurality of called stations, automatic switching equipment controlled from said calling station for connecting with any of said called stations individually and for signalling the subscribers thereat, group apparatus co-operating with said switching equipment to enable the party at said calling station to set up a conference connection including all said called stations, and means for automatically signalling the called stations in a different characteristic manner in the latter case to notify the subscribers that they are being called for a conference.

1,569,431. COMB-CLEANING BRUSH. LOUIS V. LUCIA, Hartford, Conn., assignor to The Fuller Brush Company, Hartford, Conn., a Corporation of Connecticut. Filed Jan. 3, 1922. Serial No. 526,690. 2 Claims. (Cl. 132—27.)

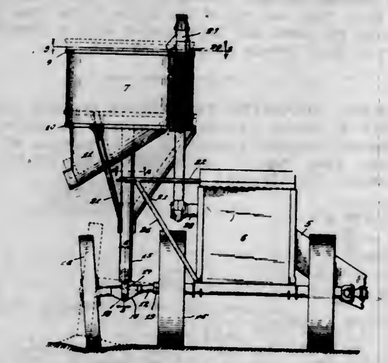


1. A comb cleaning brush comprising a handle and a head supported thereby, branches extending from said head and having recesses in their outer ends, bands extending around the ends of the branches to close the recesses at said ends, said bands being secured to the side of the branches, and a brush comprising radially arranged bristles, said brush being mounted to rotate freely in said head to mesh said bristles with the teeth of a comb as the brush is passed to-and-fro on said teeth.

1,569,432. COMBINATION HARVESTER THRASHER. WALLACE F. MACGREGOR, Racine, Wis., assignor to J. I. Case Threshing Machine Company, Racine, Wis., a Corporation of Wisconsin. Filed Sept. 12, 1924. Serial No. 737,421. 14 Claims. (Cl. 214—65.)

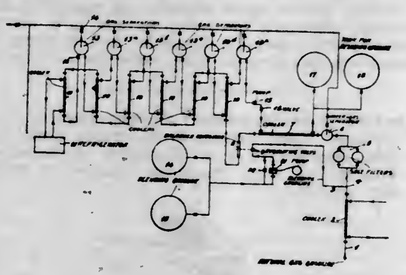
1. The combination, with the frame of a thrashing machine, of a bin adjacent thereto, means connected to

said frame for supporting said bin, a prop connected to said supporting means and to said bin for supporting



the latter, and means connecting said prop with said frame to permit the independent vertical movement of the latter.

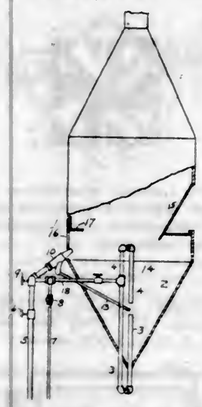
1,569,433. PROCESS OF OBTAINING COMMERCIAL GASOLINE FROM NATURAL-GAS GASOLINE. HERMAN JAN MACKENZIE and ALEXANDER WILHELMUS STEENBERGH, Tjepoe, Java, Dutch East Indies, assignors to De Bataafsche Petroleum Maatschappij, The Hague, Netherlands. Filed Sept. 26, 1923. Serial No. 665,018. 3 Claims. (Cl. 196—12.)



1. A process for obtaining commercial gasoline from gasoline-containing gas, comprising, compressing such gas, cooling the compressed gas to normal temperature while maintaining the compression pressure and separating out the resulting natural gas gasoline under pressure, then mixing the natural gas gasoline with blending gasoline, cooling the mixture to a relatively low temperature while maintaining it compressed, then releasing the pressure on the mixture to atmospheric pressure, then separating out the resulting gas from the liquid, the mixture being gradually brought to atmospheric temperature after the pressure has reached atmospheric, the separating out of the gas from the liquid being progressive and occurring over the entire period during which the mixture is coming to atmospheric temperature.

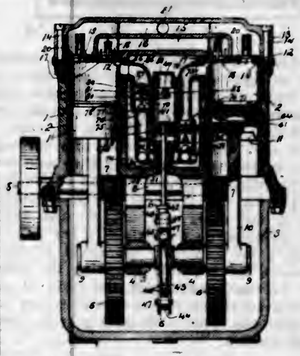
1,569,434. FILE-CLEANING MACHINE. JOHN B. MURRAY, Lansing, Mich. Filed June 12, 1922. Serial No. 567,594. 5 Claims. (Cl. 51—40.)

1. In cleaning apparatus of the type described, a receptacle containing a cleaning medium, agitating means for the cleaning medium embedded in the cleaning medium and adapted upon operation to hold the cleaning medium in the vicinity thereof in suspension



and means extending into the receptacle and terminating at the center of the active zone of the agitating means for drawing-off the cleaning medium held in suspension.

1,569,435. AIR COMPRESSOR. WILLIAM M. MYERS, St. Joseph, Mo., assignor to Thomas H. Gill, Milwaukee, Wis. Filed Apr. 16, 1923. Serial No. 632,420. 8 Claims. (Cl. 230—6.)

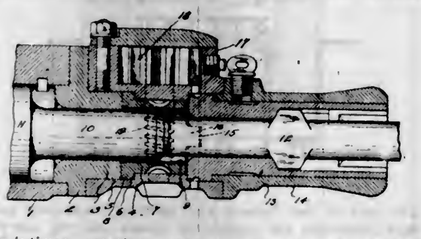


1. In an air compressor, a crank case adapted to contain water, two cylinders each in open communication at one end with said crank case, two pistons respectively reciprocative in said cylinders, the pistons being arranged to move simultaneously in opposite directions, and means by which, when the pistons are reciprocated air and water will be pumped into and out of said cylinders, substantially as set forth.

1,569,436. ROTATIVE DEVICE FOR ROCK DRILLS. GUSTAVE M. NELL, Cleveland, Ohio, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Filed Apr. 26, 1923. Serial No. 634,839. 1 Claim. (Cl. 121—7.)

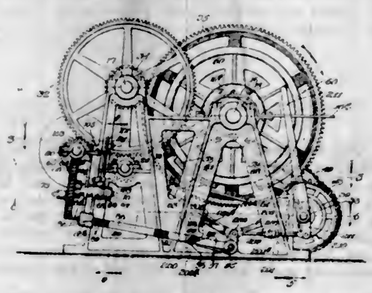
In a rock drill, the combination with a cylinder, of a spacer head connected with the cylinder and provided with an annular extension, a hammer reciprocable in the cylinder, a sleeve connected with the spacer head and having a drill steel rotating motor carried thereby, an annular shoulder formed within the sleeve and

spaced from the annular extension, a worm wheel located in the sleeve and having its outside diameter intimately engaged with the interior wall thereof, said worm wheel having an annular flange upon its rear end, the opposite faces thereof being engaged with the opposed faces of the annular extension and shoulder



for intimate rotative engagement therewith, said hammer having an extension of less diameter than the bore of the worm wheel and movable therein, a drill steel rotating chuck interlocked with the worm wheel, and a worm shaft co-operative with the worm wheel and driven by said motor.

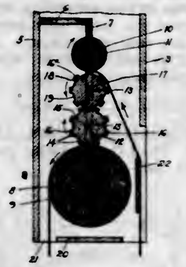
1,569,437. HOISTING MECHANISM. BARTON S. SNOW, Batavia, Ill., assignor to T. W. Snow Construction Company. Filed Apr. 12, 1924. Serial No. 706,057. 30 Claims. (Cl. 74—50.)



1. The combination of a driving member, mechanism driven thereby and including a second member adapted to be moved in opposite directions and means adapted to drive said second member from said driving member in opposite directions and movable to neutral position, and means operating automatically upon said first named means to cause the latter to operate said second member automatically in a reverse direction including a device for automatically operating on said first named means to cause the latter to be in neutral position in which said driving member is out of driving engagement with said second member and a tension device having an element formed of relatively movable parts with interposed springs, one of which latter, in the movement of said first-named means to neutral position, is caused to become tensioned, and mechanism controlled by said element in said tensioned condition and operating, when actuated, to cause the other of said springs to become tensioned and exert a force on said first named means for moving the latter out of neutral position.

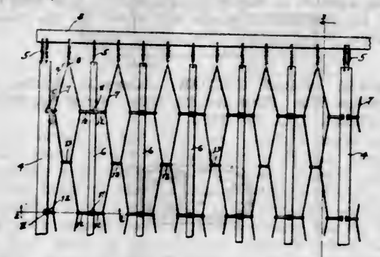
1,569,438. TOWEL CABINET. GEORGE A. STEINER, Salt Lake City, Utah, assignor to Steiner Sales Company, Salt Lake City, Utah, a Corporation of Utah. Filed Feb. 20, 1922. Serial No. 538,102. 3 Claims. (Cl. 45—52.)

1. A towel cabinet comprising a casing, clean and soiled towel rolls mounted therein, feed rolls between said clean and soiled towel rolls and having cooperating peripheral ribs for driving one feed roll from the other,



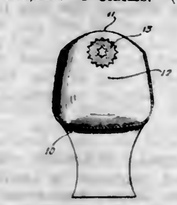
the ribs contacting with the soiled towel roll being out of contact with the surfaces of the ribs which contact with the clean towel roll.

1,569,439. SPRING BED BOTTOM. OSCAR H. STUEWE and REINHOLD G. MARQUARDT, Milwaukee, Wis. Filed Apr. 23, 1921. Serial No. 463,952. 1 Claim. (Cl. 5—186.)



In a spring bed bottom, the combination with a frame, of sets of alternately positioned band units and cable units each cable unit comprising a pair of alternately converging and diverging cables and said band units comprising flexible ribbons normally substantially in a common plane and provided at intervals throughout their length with apertures, tension springs connecting each of said units at its end with said frames, links connecting the converging portions of the cables of each cable unit with each other, and links connecting the diverging portions of the respective cables of each cable unit with apertured portions of adjacent ribbons, said last mentioned links being provided with end portions extending through the apertures of said ribbon and bent back upon themselves in gripping relation to said ribbon, whereby to tend to maintain said ribbons normally in the plane of said bed bottom while permitting yielding relative vertical movement between said units.

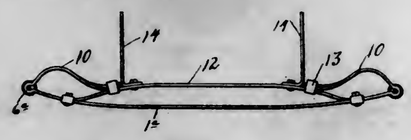
1,569,440. ATTACHMENT FOR SHOES. KATHERINE B. SUNDERLAND, Danbury, Conn. Filed Nov. 15, 1924. Serial No. 750,044. 3 Claims. (Cl. 36—58.5.)



1. A device of the class described comprising a member of yielding felt in the shape of a flat ring, said member being adapted to be interposed between the foot

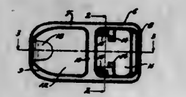
and the shoe to hold a portion of the foot away from contact with the shoe, the inner and outer edges of said ring shaped member having projecting serrations adapted to distribute beyond the main body portion of the ring the pressure of the shoe therethrough to the foot, and adhesive means upon one of the flat sides of said member for securing the same in position.

1,569,441. AUTOMOBILE BUMPER. SERGIUS VERNET, Brooklyn, N. Y. Filed Dec. 8, 1924. Serial No. 754,463. 14 Claims. (Cl. 293—55.)



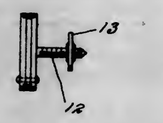
1. In a bumper construction, the combination of two bars disposed so that one end of the bar is adjacent one end of the other bar, a tubular member having slot means adapted to receive the aforesaid ends of said bars, and to frictionally retain the same in the tubular member.

1,569,442. STRAP HOLDER. JAMES M. WALSH, Milwaukee, Wis. Filed Apr. 21, 1924. Serial No. 707,978. 5 Claims. (Cl. 24—187.)



1. In a strap holder, the combination of a frame divided into separate spaces or loops by a transverse medial member, one of said loops being provided with inwardly extending lugs, and webs extending inwardly between the lugs and the transverse member diminishing the width of a portion of one of said loops.

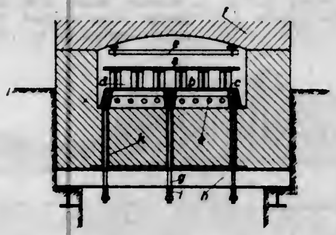
1,569,443. BADGE. EDWARD L. WEED, Providence, R. I., assignor to Potter & Buffinton Company, Providence, R. I., a Corporation of Rhode Island. Filed July 31, 1924. Serial No. 729,392. 1 Claim. (Cl. 40—1.5.)



A badge comprising a base plate, garment attaching means secured to the rear of said plate, a pivot pin carried by said plate adjacent one edge thereof, and a plurality of blades mounted on said pin, to swing relatively to each other and relatively to said plate whereby the front face of each may be exposed, the pivot pin being riveted sufficiently snug so that the blades and plate are frictionally retained in different desired positions.

1,569,444. ANNEALING FURNACE. ERNST WIRZ, Baden, Switzerland, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Filed Sept. 17, 1925. Serial No. 56,961. 11 Claims. (Cl. 266—5.)

1. An annealing furnace having supporting means with a level surface for a plate to be annealed located within the furnace chamber and formed of fireproof non-oxidizable metal, a carrying structure disposed without the



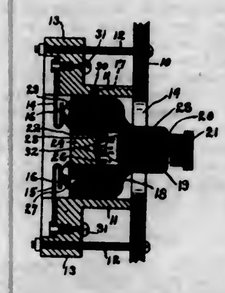
hot zone of the furnace and yielding connecting members connecting the supporting means and the carrying structure.

1,569,445. COFFEPOT. ROSS O. WORKMAN, Chewelah, Wash. Filed Apr. 2, 1925. Serial No. 20,169. 2 Claims. (Cl. 53—3.)



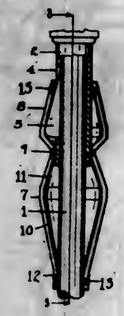
1. The combination with a utensil having an inner pot forming annular chamber and having a pouring spout, of a casing between said pot and utensil and having ports communicating with said pot, chamber and spout, of a slide valve comprising spaced ported plates and adapted to normally close the ports to said chamber and adapted for use to selectively establish communication between said spout and either the pot or the chamber.

1,569,446. RADIO RECEPTION APPARATUS. THOMAS E. ARUNDEL, Omaha, Nebr., assignor of thirty-seven and one-half per cent to Guy D. Shipherd and twenty-five per cent to William H. Metcalfe, both of Omaha, Nebr. Filed Mar. 12, 1925. Serial No. 14,922. 2 Claims. (Cl. 250—31.)



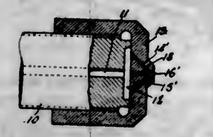
1. A detector for radio reception comprising a pair of relatively movable electrodes, and abrasive particles interposed between the electrodes for roughening the contact surfaces of the same.

1,569,447. AUTOMATIC MEANS FOR MANIPULATING AND CONTROLLING THE CATCHES OF UMBRELLAS. ANDRUS D. AYERS, Kalamazoo, Mich. Filed Dec. 16, 1921. Serial No. 522,812. 1 Claim. (Cl. 135—41.)



The combination with the runner and stick and catches of an umbrella, of a control sleeve composed of opposed longitudinal symmetrical halves, having a contracted central portion adapted to fit and slide upon the lower portion of said runner, and a lower portion contracted to fit and slide upon the stick of the umbrella, and enlarged portions to accommodate the catches of the umbrella, with abruptly inclined portions at the center to automatically actuate the said catches when the control sleeve is pushed up or pulled down, locating lug means at the contracted central portion, and dovetail engaging means toward each end, as specified.

1,569,448. FUEL-INJECTION NOZZLE FOR OIL ENGINES. OTTO A. BANNER, Milwaukee, Wis., assignor to The Falk Corporation, Milwaukee, Wis., a Corporation of Wisconsin. Filed May 19, 1924. Serial No. 714,266. 3 Claims. (Cl. 299—153.)



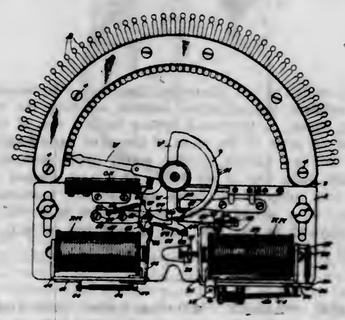
1. In a fuel injection nozzle for oil engines the combination of a member having a plurality of convergent fuel ducts therein lying in a common plane, means for delivering liquid fuel to said ducts, and a substantially flat cavity in the exposed end face of said member and lying in a plane substantially normal to the plane of said ducts, said cavity communicating with said ducts and having a laterally confining edge wall intersecting said end face to form a fuel spray of definite form.

1,569,449. CARRIER FOR BRAIDING MACHINES. SIDNEY B. BLAISDELL, Providence, R. I. Filed Nov. 18, 1922. Serial No. 601,783. 10 Claims. (Cl. 96—15.)



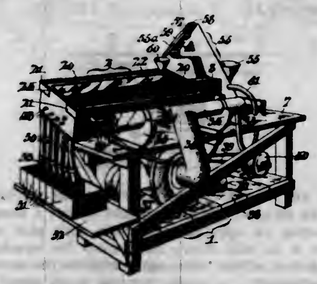
3. A carrier for braiding machines having a weight standard, a yarn package suport, a yarn package on said support, a pawl and ratchet mechanism for controlling the yarn let-off from said package, a member on which said pawl is pivotally mounted, said member being free to be removed in the absence of said package and having a portion engaging said standard to assist in maintaining it in operative position.

1,569,450. AUTOMATIC SWITCH. ERNEST A. BOHLMAN, Chicago, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 3, 1922. Serial No. 526,532. 14 Claims. (Cl. 179—27.5.)



1. A switch of the character described comprising a rotary shaft, a motor magnet and a driving pawl for advancing said rotary shaft, a release magnet, an adjustable plate, a releasing dog pivotally secured to said adjustable plate, a retaining pawl pivotally secured to said plate independently of said releasing dog for holding said shaft in an advanced position when moved thereto, means associated with said release magnet for controlling the releasing movement of said pawl and said dog, said adjustable plate adapted to be removed from said switch as a unit, and said release magnet as another unit.

1,569,451. CONCENTRATOR. CHARLES E. BONINE, Melrose Park, Pa. Filed May 10, 1923. Serial No. 637,989. 8 Claims. (Cl. 209—472.)



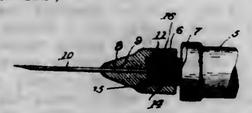
1. A concentrating apparatus comprising a longitudinally vibratory enclosed table having convergent and gradually declining riffles for maintaining isolation of, and for guiding different extracted concentrates toward the discharge end of the table, a series of non-return outlets therefor, a complemental series of hoppers arranged along the table end to individually receive the different concentrates, and means for evacuating air transversely over the upper surface of said table.

1,569,452. HAIR-CUTTING GUIDE. WILLIAM T. BRADLEY, Linn, Mo. Filed May 28, 1924. Serial No. 716,848. 1 Claim. (Cl. 132—45.)



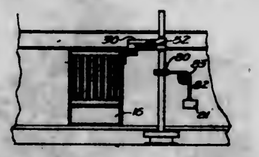
In a device of the character described, the combination of a resilient band-member beveled on both its top and bottom edges; a U-shaped spring having one of its ends secured to each of the ends of the said band-member; of a rod or bar having a thin metal plate secured to or mounted upon one of its ends; of a pad secured to said plate and adapted to press against the forehead of a wearer; of a coiled spring placed over said rod, and a knob secured to the free end of said rod or bar, as and for the purpose set forth.

1,569,453. NEEDLE. WILLIAM BRODY, New York, N. Y. Filed Apr. 4, 1924. Serial No. 704,233. 7 Claims. (Cl. 128—221.)



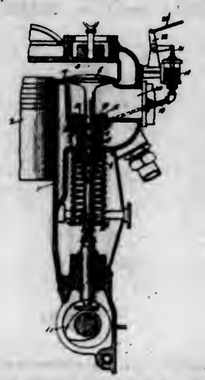
1. In a device of the character described, a needle adapted to be clamped against a syringe, and a head carried by said needle and spaced from its end, said head having a portion of its top depressed to form a ridge adapted to form a small area of contact with the syringe.

1,569,454. INTERLOCK SYSTEM FOR ELEVATOR DOORS. FREDERICK F. BRUSH, Los Angeles, Calif., assignor to Elevator Safety Appliance Company, a Corporation of California. Filed Apr. 11, 1923. Serial No. 631,381. 6 Claims. (Cl. 187—31.)



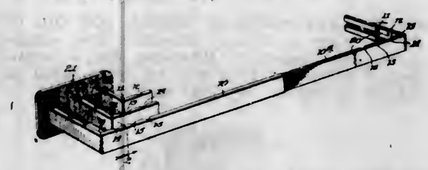
3. In an elevator: a structure having a plurality of floors; an elevator car serving said floors; a door at each floor closing an opening registering with said car when said car is at said floor; mechanism for operating said car; a device which when open inhibits the operation of said mechanism; a single vertical main shaft in said structure so connected to said device that a positive rotation of said shaft from its normal position will open said device; automatic means for returning said shaft to its normal position when said shaft is free from external restraint; a crank shaft at each door; a crank on each of said crank shafts; an arm on said main shaft at each door, each of said arms co-operating with one of said cranks to positively rotate said main shaft and to hold it against the action of said automatic means when so rotated; and means by which each door so operates its crank shaft.

1,569,455. VALVE. JAMES B. BURWELL, Canton, Ohio. Filed Dec. 29, 1924. Serial No. 758,625. 2 Claims. (Cl. 123—188.)



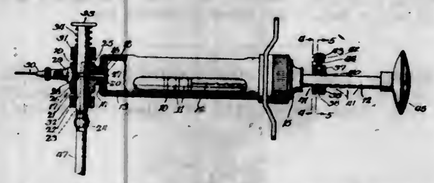
1. A valve of the character described including a stem upon the valve, a guide for the valve stem, a wiper of asbestos at the upper end of the guide and having a sliding fit around the valve stem to prevent carbon from entering the guide, and a cap enclosing said asbestos wiper and detachably connected to the upper end of the guide.

1,569,456. CURTAIN ROD. THOMAS F. BYRON, Chicago, Ill. Filed Sept. 29, 1924. Serial No. 740,537. 2 Claims. (Cl. 156—19.)



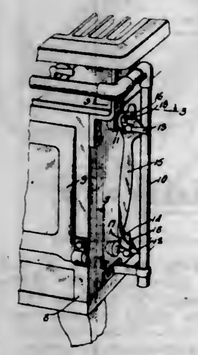
1. A metallic curtain rod of flat C-shaped cross-section having a plurality of spaced notches formed near one end of said rod in the open sides of the C to facilitate the bending of said rod whereby said rod can readily be selectively bent at any one of a plurality of points to provide an angular extension.

1,569,457. SYRINGE. HENRY M. CARSTENS, Oak Park, Ill. Filed Mar. 24, 1924. Serial No. 701,802. 3 Claims. (Cl. 128—218.)



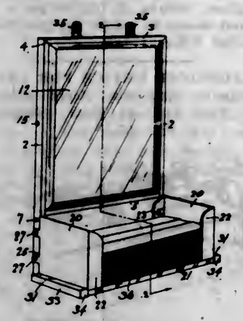
1. A syringe filling and discharge control device for syringes, comprising, in combination, a body portion having a main bore therein, a combined inlet and outlet passage and a discharge passage, opposite thereto and opening to said bore, a push plug slidably mounted in said bore and having a discharge passage normally registering with said combined inlet and outlet passage and with said discharge passage of the body portion, and having an intake passage opening from a filler tube and terminating in a port normally out of register with either passage of the body portion but adapted to register with the combined inlet and outlet passage of said body portion when depressed to a second position, and means for automatically restoring said push plug to normal position when released.

1,569,458. GAS-COCK-LOCKING DEVICE. EGBERT H. CASTLE, Quincy, Ill., assignor to Comstock-Castle Stove Company, Quincy, Ill., a Corporation of Illinois. Filed Mar. 21, 1925. Serial No. 17,362. 7 Claims. (Cl. 126—42.)



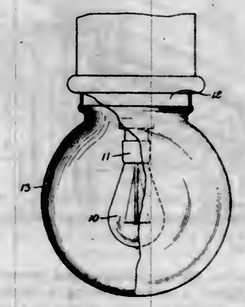
1. The combination with a gas range having two burners, of a valve, valve handle, and valve handle stem for each burner, and a bar member loosely carried and supported only by one of said valve handles and one valve handle stem and movable longitudinally with respect thereto to either of two operative positions, one of said valve handles being directly engaged and locked against substantial movement by said bar when it is in one operative position, and the other handle locked when the bar is in reverse position.

1,569,459. COMBINED MIRROR AND TOWEL HOLDER. GEORGE F. COLBERT and WILLIAM H. COLBERT, Pittsburgh, Pa. Filed Dec. 16, 1922. Serial No. 607,397. 2 Claims. (Cl. 45—18.)



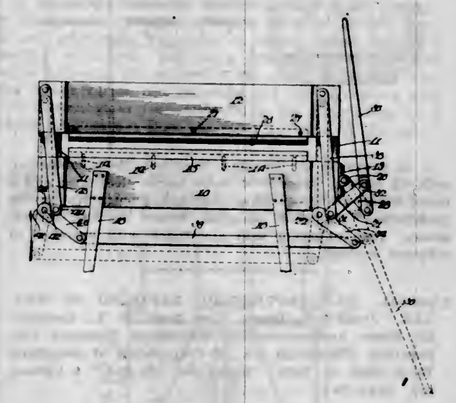
1. A structure comprising a mirror, a frame of inverted U-shaped surrounding and supporting said mirror and having its leg portions extending beyond said mirror, and a bar connecting said legs above their lower ends and serving as a support for the mirror.

1,569,460. ELECTRIC-LAMP INDICATOR. RUSSELL B. CARSMAN, Philadelphia, Pa. Filed July 2, 1923. Serial No. 649,099. 2 Claims. (Cl. 176—16.)



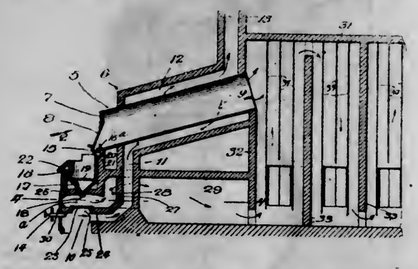
1. The combination with an electric lamp having a substantially predetermined period of illuminating efficiency, of a combined globe and indicator therefor having a color component of a quality and depth sufficient to serve to emit substantially white light from the lamp during such period aforesaid and then to show a distinctly different character of light at the end of such period.

1,569,461. SHEET-METAL BENDING AND FORMING MACHINE. CARL GUSTAV CRONWALL, Chicago, Ill. Filed Mar. 7, 1925. Serial No. 13,720. 4 Claims. (Cl. 153—21.)



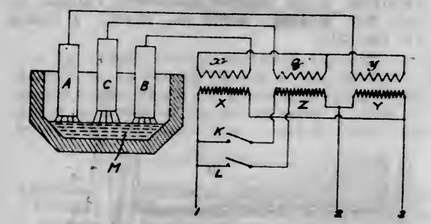
1. In a machine of the class described, the combination with a suitably mounted base, of a forming element mounted thereon, another forming element and a carrying member therefor movably mounted with respect to said base for the co-operation of their forming elements, means for the movement of said movable member toward and from said base, said means including a link pivoted at one of its ends to an end of the base, an operating lever pivoted at one of its ends to the other end of said link, and leverage compounding means having pivotal connection with said operating lever above its pivot and with the ends of the base and the ends of the said movable member.

1,569,462. APPARATUS FOR AND PROCESS OF RECLAIMING AND CONVERTING ASPHALTUM AND OTHER MATERIALS FROM WASTE MATERIAL. RICHARD D. DIVINE, Chicago, Ill. Filed Jan. 18, 1924. Serial No. 687,128. 7 Claims. (Cl. 134—60.)



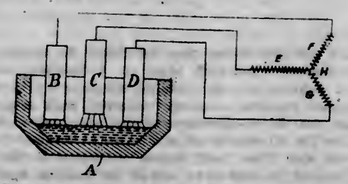
1. An apparatus for reclaiming and converting waste material comprising a retort having a liquid discharge end and a gas discharge end, means for heating said retort, a chamber into which the liquid is discharged, a hot plate in said chamber, upon which the liquid drops and a lamp black collection chamber communicating with the gas discharge end of the retort and with said chamber into which the liquid drops.

1,569,463. ELECTRIC-ARC FURNACE. JOSEPH L. DIXON, New York, N. Y., assignor, by mesne assignments, to Pittsburgh Research Corporation, Pittsburgh, Pa., a Corporation of Delaware. Filed Sept. 5, 1919. Serial No. 321,803. 5 Claims. (Cl. 204—64.)



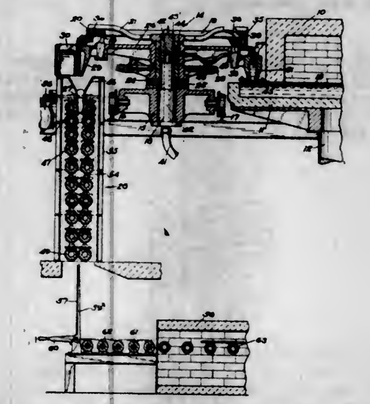
1. In a system of the kind described, the combination with an electric furnace of three upper electrodes and a transformer of three phase alternating currents having transformer ratios of unequal values in the several phases, and supplying said electrodes with currents of different voltage.

1,569,464. ELECTROTHERMIC REFINING OF METALS. JOSEPH L. DIXON, New York, N. Y., assignor, by mesne assignments, to Pittsburgh Research Corporation, Pittsburgh, Pa., a Corporation of Delaware. Filed Sept. 5, 1919. Serial No. 321,804. 4 Claims. (Cl. 204—64.)



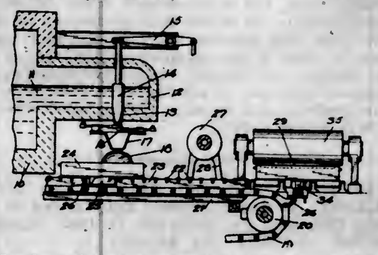
1. The process of refining steel by means of an electric arc furnace having a plurality of electrodes which consists in supplying between one electrode and another current of low voltage and between other of said electrodes current of relatively high voltage.

1,569,465. SHEET-GLASS APPARATUS. JOHN L. DRAKE, Toledo, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Apr. 30, 1925. Serial No. 26,944. 18 Claims. (Cl. 49—3.)



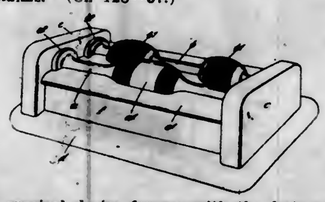
1. In sheet glass apparatus, a tank containing a mass of molten glass, means for picking up a charge of glass, and means for reducing the charge of glass through successive stages to sheet form.

1,569,466. SHEET-GLASS-ROLLING APPARATUS. JOHN L. DRAKE, Toledo, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Apr. 30, 1925. Serial No. 26,945. 21 Claims. (Cl. 49—3.)



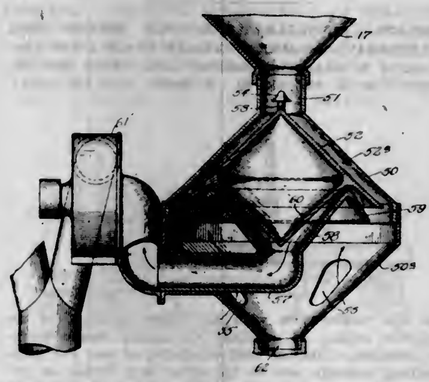
1. In sheet glass apparatus, a tank containing a mass of molten glass, means to discharge a gob of glass therefrom, and means to reduce the gob to sheet form by rolling it along different axes.

1,569,467. SURGICAL DEVICE FOR USE WITH THE FEET. HENRY EDWARDS, North Finchley, London, England. Filed July 24, 1922. Serial No. 577,107. 10 Claims. (Cl. 128—57.)



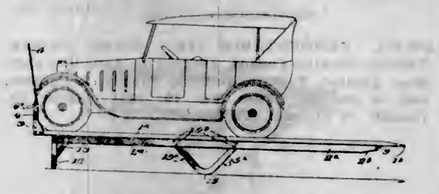
1. A surgical device for use with the feet comprising a support fitted with rotatable members having enlarged rounded portions positioned in parallelism, the parts of maximum diameter of the said portions being disposed in approximately parallel transverse planes, spaced from each other.

1,569,468. CHAFF REMOVER. BERNARD M. ELY, Marshall, Mich., assignor to Lambert Machine Co., Marshall, Mich., a Corporation of Michigan. Filed May 20, 1925. Serial No. 31,570. 10 Claims. (Cl. 130—17.)



1. A device of the character described comprising; a casing having a material receiving inlet; an upright conical material dispersing plate within said casing lying below said inlet; an air suction pipe entering said casing and having an enlarged mouth lying beneath the conical material dispeersing plate; a frusto-conical air baffle plate surrounding the mouth of the air suction pipe and lying below and adjacent to the circular lower edge of the material dispersing plate; said casing being closed adjacent the edges of the material dispersing plate and the air baffle plate, and having an air inlet a substantial distance below said edges; an air exhausting means attached to the outer end of the air suction pipe.

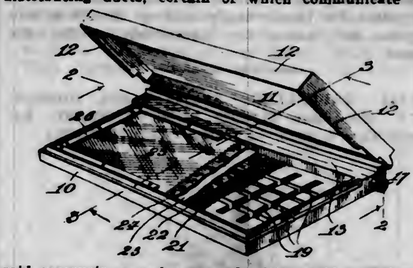
1,569,469. MOTOR-CAR-ELEVATING CRADLE OR SKID. EDGAR P. ELSEY, Parkersburg, W. Va. Filed Mar. 12, 1923. Serial No. 624,433. 6 Claims. (Cl. 254—88.)



1. A tilting cradle for elevating motor vehicles, comprising a longitudinally-elongated centrally-open frame vertically tiltable to and from tilted and horizontal positions and embodying wheel-track-forming longitudinal channels, and supports therefor to uphold the same in horizontal elevated position and in tilted position, in combination with a jack stand adapted to traverse said center opening, said stand being applicable to and removable from said frame and adjustable longitudinally thereof, and formed to fit down between said channels and having end hangers to hook over the longitudinal inner side flanges of the channels.

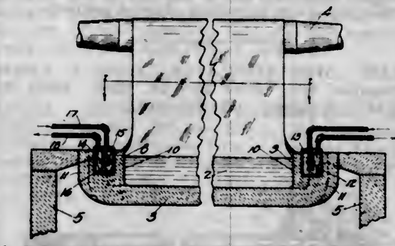
1,569,470. INKING PAD. SIMON N. FALDER, Los Angeles, Calif. Filed Mar. 13, 1924. Serial No. 699,089. 3 Claims. (Cl. 91—54.5.)

1. In a device of the character described, a one-piece receptacle having an ink reservoir, the upper surface of the bottom of said receptacle being provided with ink distributing ducts, certain of which communicate with



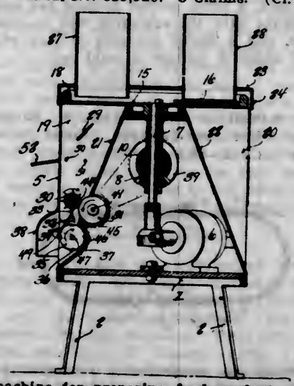
said reservoir, a pad arranged within said container on the bottom thereof, and retaining strips positioned on the edges of said pad and secured to said container.

1,569,471. SHEET-GLASS-DRAWING APPARATUS. ARTHUR E. FOWLE, Toledo, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Dec. 18, 1920. Serial No. 431,534. 8 Claims. (Cl. 49—17.)



1. In an apparatus for producing sheet glass, wherein a sheet is drawn upward from a mass of molten glass, a pot containing the bath of molten glass, said pot having projections extending inwardly from the side walls adjacent the sources of the sheet edges, and cooling means within the pot walls and out of contact with the molten glass for maintaining the projections at a lower temperature than the other portions of the pot.

1,569,472. MACHINE FOR PREPARING FOOD PRODUCTS. MAYNARD A. FRONEY, Racine, Wis. Filed Feb. 1, 1924. Serial No. 689,920. 3 Claims. (Cl. 146—78.)



2. A machine for preparing food products comprising a pair of hoppers, a pair of chutes located below said hoppers, a slicing disk located between said hoppers and said chutes, one chute adapted to deliver the mate-

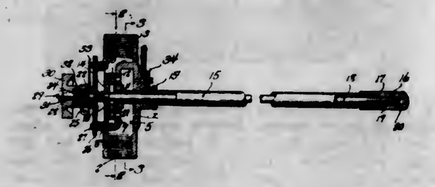
rial as it comes from the slicing disk, a series of circular cutters adapted to operate upon the material in the other chute for longitudinally slitting the slices into stringers, and means for transversely cutting the stringers.

1,569,473. PROPELLER. ANDRÉS GARCIA, Brooklyn, N. Y. Filed Mar. 27, 1924, Serial No. 702,291. Renewed Dec. 7, 1925. 2 Claims. (Cl. 170—160.)



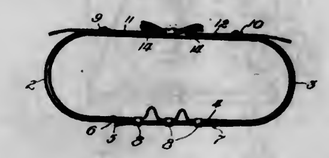
1. A propeller comprising a hub, and blades, radially adjustable leaves in said blades, a shaft on which said propeller is mounted, and cam elements on said shaft for retaining said leaves in radially adjusted positions.

1,569,474. OVEN REGULATOR. FRANK A. GAUGER, Milwaukee, Wis. Filed May 24, 1924. Serial No. 715,542. 5 Claims. (Cl. 236—102.)



1. A thermostatic regulator for gas ovens comprising a hollow body portion having a transverse apertured web, a tube screwed into said body portion and extending through said web, a rod carried within said tube and secured to the outer end thereof, said rod extending through said body portion and provided with a shouldered part, a valve carried by said rod and adapted to cooperate with the apertured web to control the flow of gas, and a spring normally holding said valve against the shoulder portion of said rod.

1,569,475. BATHING CAP. JAMES H. GILSON, Chicago, Ill. Filed June 21, 1923. Serial No. 646,937. 5 Claims. (Cl. 2—68.)



1. A bathing cap comprising a permanently formed substantially dome-shaped body having an endless edge at its open mouth, tightening members secured at their ends adjacent the edge of the open mouth of the body and overlapping each other so that a pull thereon will cause the body portion to be tightened around the head, said members being formed of non-elastic material and provided at their free ends with elastic extensions, adjustably connected to the non-elastic portions.

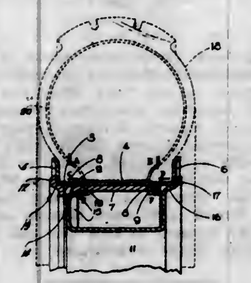
1,569,476. AUXILIARY-AIR-SUPPLY MEANS FOR EXPLOSIVE ENGINES. ANDREW GLEASON and CORNELIUS E. GLEASON, Hamilton, Ohio. Filed Dec. 26, 1922. Serial No. 608,949. 4 Claims. (Cl. 137—111.)



1. The combination with an intake manifold of an explosive engine, of auxiliary air supply means therefor including a divided head consisting of two flat discs abutting laterally one on the other and having an air passage therethrough, one member of the divided head having a threaded nipple through which the passage extends, for engagement with the manifold, the other member of the divided head having a regulating valve connected with the passage therethrough for controlling the flow of air, a wire screen diaphragm clamped between the members of the divided head and studs extending transversely thru the discs forming the members of the divided head by which they are connected one with the other the passage way being enlarged on either side of the wire screen.

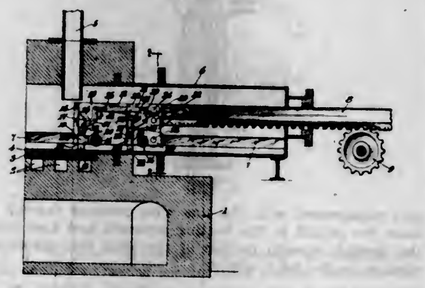
4. An auxiliary air intake for explosive engines comprising two discs having flat faces abutting one upon the other, a filter screen clamped between the abutting flat faces of the discs, registering central passages thru the respective discs, the passage of one disc being for communication with the intake manifold of an explosive engine, the passage of the other disc communicating with atmosphere, a valve controlling the last mentioned passage.

1,569,477. DEMOUNTABLE RIM. ROBERT GRAHAM, Toronto, Ontario, Canada, assignor to Auto Rim Company Limited, Toronto, Ontario, Canada, a Corporation of Ontario. Filed May 19, 1924. Serial No. 714,399. 6 Claims. (Cl. 301—11.)



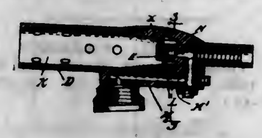
1. In a wheel structure, the combination with a felloe, of a rim in sections; a locking ring positioned about the inner periphery of said rim sections; means on said locking ring abutting the side of one of said rim sections; wedging means on said locking ring abutting said felloe; and means on said felloe abutting the side of the other said rim section.

1,569,478. COMBINED SPREADING AND SCRAPING MECHANISM FOR DISTILLATION APPARATUS. WHEADON M. GRANT, Birmingham, Ala., assignor to Illinois Anthracite Corporation, New York, N. Y., a Corporation of Delaware. Filed Nov. 8, 1923. Serial No. 673,424. 20 Claims. (Cl. 214—30.)



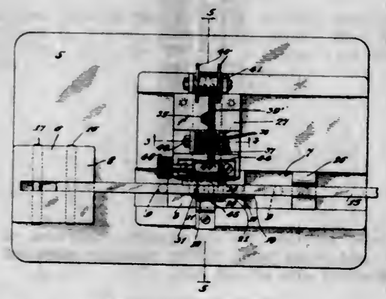
1. In combination with a retort or oven, a combined feeding and scraping mechanism, including a feeding hopper adapted to receive a charge of material and to feed the same along the bottom heating surface of the retort or oven, means for moving said hopper from one end of the retort or oven to the other and return, and means associated with the hopper for leveling and smoothing the charge of material as it is fed in the form of an even layer during the feeding movement of the hopper.

1,569,479. BURNER CONSTRUCTION. OTTO J. GROEHN, Detroit, Mich., assignor to Clayton & Lambert Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Jan. 16, 1922. Serial No. 529,510. 2 Claims. (Cl. 158—33.)



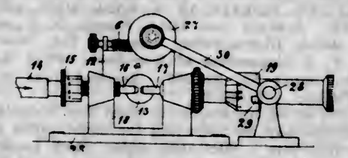
1. In a blow torch or the like, the combination with a tank, of a burner therefor, said burner having a longitudinally extending combustion chamber, a discharge nozzle at the rear thereof, said nozzle having its forward extremity projecting into the rear of the combustion chamber, said burner having a bottom portion forming a fuel conducting passage to said nozzle, and a top lug integrally connecting the rear of the combustion chamber at a point intermediate the length of the nozzle and the rear portion of the nozzle, said lug being spaced from said nozzle and extending diametrically opposite the said bottom fuel conducting portion of the burner to form therewith longitudinally extending air ports around a portion of the said forwardly projecting extremities, said lug extending longitudinally of the combustion chamber and being of a reinforcing character to form an integral reinforcement for the burner and also for conducting heat from the walls of the combustion chamber to the nozzle.

1,569,480. DEVICE FOR APPLYING EYELASHES TO DOLL EYES. LEO J. GRUBMAN, Belle Harbor, Long Island, N. Y., assignor to Grubman Engineering & Manufacturing Co. Inc., Long Island City, N. Y., a Corporation of New York. Filed May 6, 1925. Serial No. 28,324. 24 Claims. (Cl. 41—1.)



1. In combination, an eye shell support, means for cutting a slit in the wall of the eye shell, means for feeding a plurality of eyelash forming strands to position one of their ends over said slit, and means for forcing said strand ends through said slit.

1,569,481. HIGH-FREQUENCY-GENERATING SYSTEM. WILHELM EDUARD ERICH HABANN, Berlin, Germany, assignor to the Firm of Deutsche Telephonwerke Gesellschaft mit beschränkter Haftung, Berlin, Germany. Filed Nov. 17, 1921. Serial No. 515,896. 10 Claims. (Cl. 179—171.)



1. High frequency generating system consisting of an acoustic device, which produces air-waves of a frequency over 4000 p. sec., a vibratory device acted upon by the said air-waves and being capable to vibrate in conformity therewith, an interrupter contact combined with the said vibratory device, an electric circuit controlled by the said contact and adapted to produce electric oscillations of high frequency, this circuit being coupled with an outgoing line and a transmitting device which leads signal or speech currents into the said circuit in such a manner that these currents are divided into impulses by the said interrupter-contact and thereby made capable to put into operation the oscillatory circuit which then on its part sends high frequency currents corresponding to the signal or speech currents into the line, substantially as described.

1,569,482. BOBBIN FOR TRANSFORMER WINDINGS AND THE LIKE. FRIEDRICH HÄBERLE, Fischeren, near Dresden, Germany, assignor to Sachsenwerk, Licht- und Kraft-Aktiengesellschaft, Niedersedlitz, near Dresden, Saxony, Germany. Filed July 5, 1921. Serial No. 482,551. 10 Claims. (Cl. 175—356.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)

1. In a winding for transformers or the like, the combination with a plurality of separate coils located one above the other, of a set of supporting bands, a

band being associated with each separate coil so as to form a solid body therewith and having an axial width



at least equal to the corresponding dimension of its coil, said bands being located so as to surround the longitudinal axis of said coils.

1,569,483. PROCESS FOR THE TREATMENT OF OXIDIC RAW MATERIALS. TURE ROBERT HAGLUND, Stockholm, Sweden. Filed Aug. 5, 1922. Serial No. 579,964. 42 Claims. (Cl. 204—64.)

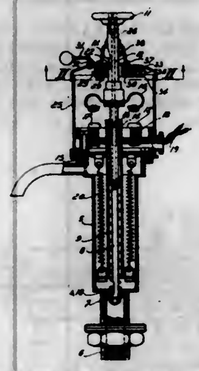
13. The process of purifying bauxite comprising removing oxides of iron, silicon and titanium and dissolving aluminum oxide in a sulfide containing slag by fusing the bauxite with a sulfide yielding material and a reducing agent and separating the sulfide-aluminum-oxide slag from the reduced alloy.

1,569,484. PROCESS AND METHOD OF DISINTEGRATING METALS IN A BALL MILL OR THE LIKE. EVERETT JOEL HALL, Passaic, N. J., assignor to Metals Disintegrating Company, Inc., New York, N. Y., a Corporation of New York. Filed Mar. 25, 1919, Serial No. 285,055. Renewed June 3, 1925. 8 Claims. (Cl. 82—9.)

1. The art of manufacturing metal dust which consists in mechanically disintegrating the metal, while keeping it covered with a lubricating liquid which protects the metal against the effects of atmosphere and is inert to the metal, and which has a boiling point high enough to prevent excessive loss by vaporization during the disintegration, but not so high that there will be difficulty in its separation later from the metal by vaporization; and thereafter freeing the disintegrated material from the liquid by evaporation of the liquid, to produce a dry metallic powder.

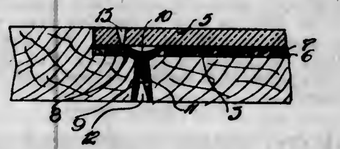
1,569,485. COCK PROVIDED WITH ELECTRIC LIQUID-HEATING MEANS. ANTON FRANS EDUARD HANSON, Amsterdam, Netherlands, assignor to N. V. Fabriek van Instrumenten en Electrische Apparaten Inventum, Bilthoven, Netherlands. Filed Mar. 13, 1925. Serial No. 15,419. 5 Claims. (Cl. 219—39.)

2. A fluid cock of the class described including a fluid inlet opening and a discharge port, a reciprocatory valve stem slidably mounted in the casing of the cock, a spring for maintaining the valve stem in its normal position, a valve head carried by the stem adapted to normally close said inlet opening and the said stem having a beveled recessed portion adjacent the head, switch contacts carried by the stem, line wire terminal contacts located in the path of movement of the switch contacts on the stem, electrical heating elements in circuit with the line wire terminals, and means for holding said stem partially depressed against the tension of the spring to move the valve head from the inlet opening and permit the flow of fluid therethrough without bringing the switch contacts into engagement with the line wire contacts, said means also being adapted to hold the stem down against the tension of the spring at a further point of its movement to bring the switch contacts



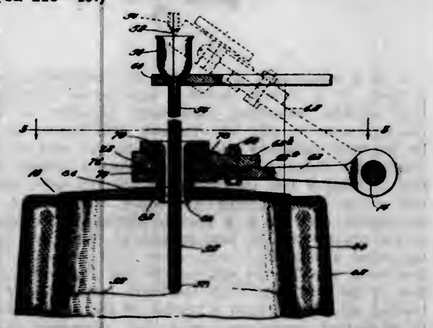
into engagement with the line wire contacts thereby to close the circuit to the heating elements and also bring the beveled recessed portion of the stem into throttling relation to the inlet opening.

1,569,486. DESK ATTACHMENT. GLENN S. HARDIN, Spokane, Wash., assignor of one-half to Charles E. Johnson, Spokane, Wash. Filed Apr. 11, 1925. Serial No. 22,326. 5 Claims. (Cl. 45—90.)



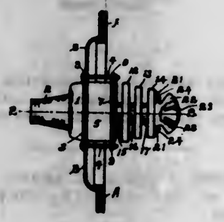
1. The combination with a recessed panel and a transparent plate fitted therein, of retaining means for the plate comprising a vacuum cup and means for retaining the cup in the panel in engagement with the plate, and means for venting the cup for release of the plate.

1,569,487. ARTIFICIAL FILAMENT SPINNING FRAME. THOMAS HARRIS, Woonsocket, R. I. Filed Aug. 27, 1925. Serial No. 52,765. 19 Claims. (Cl. (Cl. 118—49.)



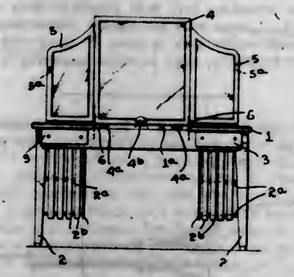
1. In a machine for producing a yarn from a strand of artificial fibre, filament or the like, the combination of a rotating spindle, a spinning box revolved thereby, means to positively engage said spinning box with said spindle to secure a positive drive thereof and means attached to said machine independently of said spindle to center and support the upper end of said rotating spinning box.

1,569,488. FURNACE CARBURETOR. LLOYD E. HARTER, Richmond, Ind. Filed June 17, 1925. Serial No. 37,878. 3 Claims. (Cl. 110—175.)



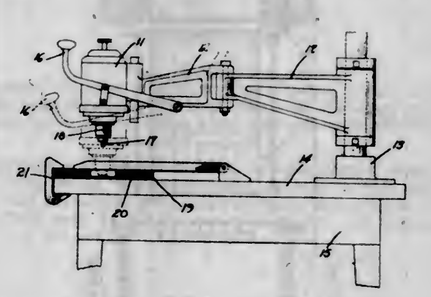
1. A furnace carburetor comprising in combination with the door, having an aperture formed therethrough, an air receiver located on the outer face of the door and around said aperture, an extension collar located on the inner face of the door and around said aperture, a radiator forming the main body extending inward from said collar, bolts connecting said air receiver, the collar, and the main body in connection with the door, and a detachable nozzle member retained by gravity in connection with the inner end of the said body, said nozzle being provided with a horizontal fan-shaped slot adapted to spray outside air as it comes from the body where it is heated, and deliver it over the interior of the combustion chamber of the furnace.

1,569,489. COMBINATION LIBRARY TABLE AND VANITY TABLE. IRVING T. HEADLEY, Washington, D. C. Filed Feb. 25, 1925. Serial No. 11,452. 2 Claims. (Cl. 45—70.)



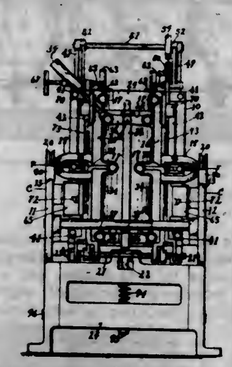
1. In a convertible table of the class described a continuous table portion, supporting legs therefor, a plurality of shelves mounted upon said supporting legs, a plurality of drawers slidably mounted within said table portion, a cut away portion of less width than the top of the table portion and centrally located therein, a compartment directly beneath said cutaway portion, a mirror hingedly connected to the rear of said cut away portion, auxiliary mirrors hingedly mounted upon the sides of said first mentioned mirror adapted to underlie said mirror and to extend within the compartment when in closed position, means for holding said auxiliary mirrors locked when in closed position, and means mounted upon the central mirror for securely holding all mirrors in open position substantially as described.

1,569,490. MEANS FOR GUIDING RADIAL ROUTERS. JOSEPH H. HISCOCK, Minneapolis, Minn. Filed June 20, 1924. Serial No. 721,265. 6 Claims. (Cl. 144—309.)



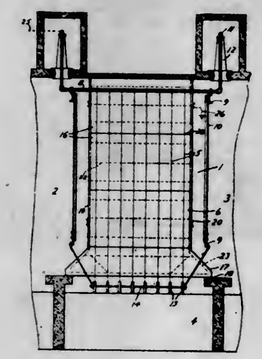
1. The combination with a routing machine and a cutting tool or bit therefor, and a pattern having an opening adapted to receive said bit, of a guide collar to enter the opening in said pattern and bear on the wall thereof and guide the bit in cutting a recess or depression in the work, and a second guide collar of less diameter than said first-named collar for guiding the bit to cut a patch to fit said opening or depression, the difference in diameter between said collars being equal to twice the diameter of said bit whereby the patch will be cut the proper size to fit the opening.

1,569,491. STEREOTYPE APPARATUS. CHARLES E. HOPKINS, Plainfield, N. J.; The Plainfield Trust Company administrator of said Charles E. Hopkins, deceased. Filed May 17, 1922, Serial No. 561,663. Renewed July 2, 1925. 51 Claims. (Cl. 22—2.)



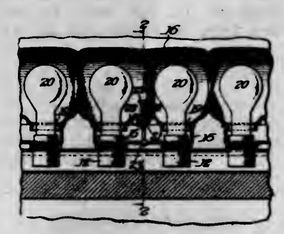
1. In a curved stereotype plate casting apparatus, the combination with a back supported in fixed position, and a core movable in front of the back, of fingers mounted on the back for engaging and holding a matrix against the core, and automatic means for sliding said fingers in and out as the core moves.

1,569,492. APPARATUS FOR ELECTRICAL PRECIPITATION OF SUSPENDED MATERIAL FROM GASES. GEORGE H. HOANE, Glendale, Calif., assignor to International precipitation Company, Los Angeles, Calif., a Corporation of California. Filed Apr. 13, 1925. Serial No. 22,847. 6 Claims. (Cl. 183—7.)



1. In an electrical precipitator a collecting electrode formed of semi-conducting material and provided with metallic members embedded therein and extending horizontally, and discharge electrode means adjacent said collecting electrode means and comprising a plurality of vertically extending members of relatively small cross-section.

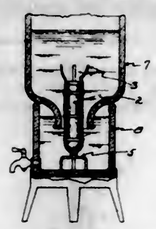
1,569,493. COVE REFLECTOR AND HOLDER THEREFOR. PAUL M. HOTCHKIN, Chicago, Ill. Filed Aug. 29, 1921. Serial No. 496,214. 10 Claims. (Cl. 240—8.)



1. A lighting fixture of the class described, comprising a wiring element, a holder mounted thereon, a reflector detachably received by said holder, and a locking stud carried by the reflector and detachably engaged with said holder for retaining the latter on said holder.

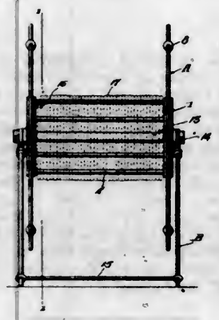
1,569,494. CONTAINER USED FOR CHARGING FLUIDS OR GASES WITH THE EMANATIONS EVOLVED FROM RADIOACTIVE SUBSTANCES. BENJAMIN W. HURD, San Francisco, Calif. Filed June 29, 1925. Serial No. 40,468. 4 Claims. (Cl. 167—7.)

1. The combination of a tube filled with radioactive material, a holder supporting said tube, flexible means at the top of said holder to allow same to be inserted into a small opening and capable of springing out radially after



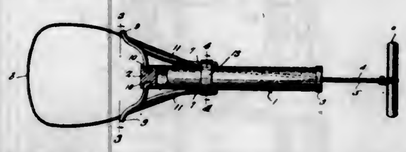
passing through said opening, supporting means on the bottom of said holder so that said holder may stand upright without falling, substantially as described.

1,569,495. REEL. GEORGE F. IMMEL, Willard, Ohio. Filed Dec. 29, 1924. Serial No. 758,614. 2 Claims. (Cl. 242—86.)



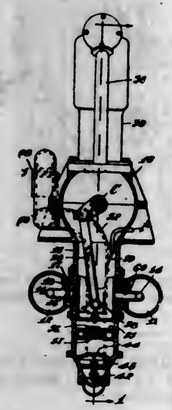
1. A garden hose reel comprising upright reel supports, a transverse axle carried thereby and a reel mounted on said axle, said reel comprising inner hubs consisting, each, of a pair of flat metal plates formed in their outer edges with radially disposed alternating longer and shorter sockets, outer rings, radial spokes connected at their outer ends to said rings and arranged with their inner ends extending into said longer sockets and a circular series of cross rods for rigidly connecting the hubs together, said cross rods formed at their opposite ends with right angularly bent portions engaging the shorter sockets.

1,569,496. HOG HOLDER. EDWARD C. JOHNSON, Ireton, Iowa. Filed June 18, 1925. Serial No. 38,012 2 Claims. (Cl. 119—153.)



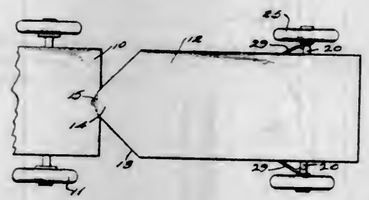
2. In a device of the class described, a tubular body portion, a plug closing one end of the tubular body portion, a guide including a rod bent around the body portion and having its ends positioned within the plug, said guide comprising eyes formed intermediate the ends of the rod, a loop member extending through the eyes and extending through the body portion, and means for moving the loop member towards one end of the body portion.

1,569,497. MARINE PROPULSION. JOHN A. JOHNSON, Los Angeles, Calif. Filed May 27, 1925. Serial No. 33,258. 7 Claims. (Cl. 115—13.)



1. In a device of the character disclosed, pistons, each having a combustion chamber therewithin, means for actuating the pistons, and propulsion tubes for receiving exploded gases from the combustion chambers.

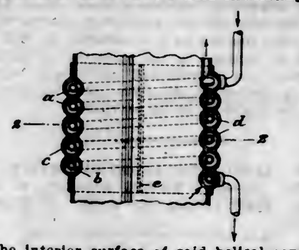
1,569,498. TRAILER TRUCK. ALBERT D. JOUSSET and HARRY D. MALONE, Paterson, N. J. Filed Jan. 3, 1924. Serial No. 684,122. 4 Claims. (Cl. 280—33.4.)



1. A trailer vehicle of the character described comprising a body having its front end tapered, a pair of stub shafts composed of a vertical rod and a pair of oppositely extending horizontal shafts, a chain secured to the lower portions of the stub shafts for strengthening same, a pair of brace rods adapted to brace the stub axles, means for fastening the brace rods to the trailer body, means for fastening the brace rods to the lower portions of the stub axles, a roller secured to the front end of the body, and means for retaining the wheels in an inverted position.

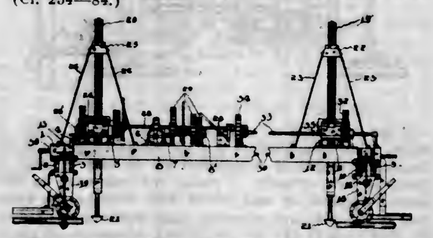
1,569,499. CONDENSER FOR USE WITH REFRIGERATORS. EMIL KIOI, Winterthur, Switzerland, assignor to Sulzer Frères Société Anonyme, Winterthur, Switzerland, a Corporation of Switzerland. Filed Aug. 7, 1923. Serial No. 656,191. 3 Claims. (Cl. 257—229.)

1. A condenser especially adapted for use with refrigerators comprising a coiled tube, and a cylindrical double wall casing enclosing said tube, the walls of said casing forming a helical conduit in which said coiled tube is disposed, so as to leave a fluid circulating passage



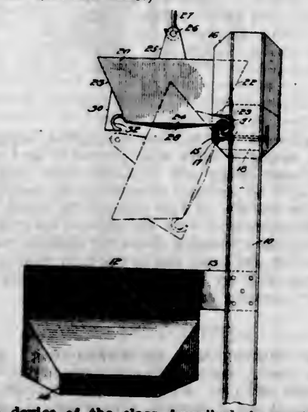
between the interior surface of said helical conduit and the exterior surface of said tube, and the inner and outer walls of said casing being separable from the coil.

1,569,500. STOPLOG WINCH. JAMES JOSEPH KEON, Owen Sound, Ontario, Canada, assignor to The William Kennedy & Sons, Limited, Owen Sound, Canada. Filed Sept. 18, 1925. Serial No. 57,127. 10 Claims. (Cl. 254—84.)



1. In a stoplog winch, the combination of a frame; a pair of rams mounted on said frame; and common means for actuating said rams simultaneously, said frame comprising a pair of sections movable longitudinally relative to one another and each section having a ram mounted thereon, said means for actuating the rams being adapted to permit relative movement of the frame sections.

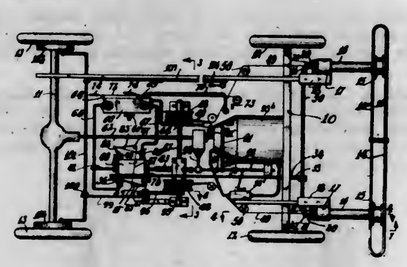
1,569,501. BUCKET-DUMPING APPARATUS. JAMES A. KINNEY, Lebanon, Pa., assignor to Bethlehem Steel Company, Bethlehem, Pa., a Corporation of Pennsylvania. Filed Aug. 23, 1921. Serial No. 494,586. 9 Claims. (Cl. 214—116.)



1. In a device of the class described, in combination, a dump bucket adapted to be suspended for vertical movement from a traveling crane and having one or more

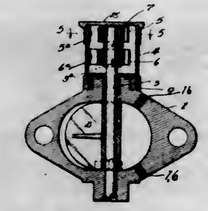
downwardly extending projections at one side of its center of gravity, and a dumping stand having a substantially horizontal stationary cross piece and means rigidly supported on the stand for guiding the bucket into dumping position as it is lowered, so that the cross piece will be engaged by the projection extending downwardly from the bucket and the bucket will be constrained to tilt about the cross piece as it is lowered, to effect the discharge of its contents.

1,569,502. AUTOMATIC BRAKING DEVICE FOR VEHICLES. ANGELOS KURTIS, Brooklyn, N. Y. Filed Feb. 12, 1925. Serial No. 8,642. 9 Claims. (Cl. 180—83.)



1. In a vehicle, a movable bumper bar, a brake, a clutch, and transmission control elements, a cylinder, means for supplying compressed air to said cylinder, a piston in said cylinder, a piston rod connected to said piston, elements on said piston rods whereby the above mentioned parts are operated, and means connected to the said bumper bar for controlling admission of air to one end of the said cylinder.

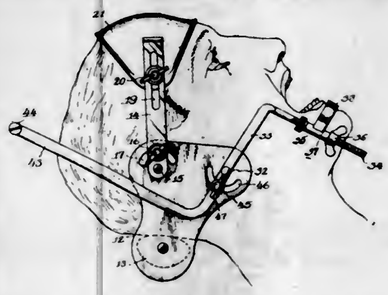
1,569,503. GOVERNOR. SAMUEL E. KURTZ, Sac City, Iowa. Filed Sept. 22, 1921. Serial No. 502,382. 7 Claims. (Cl. 137—152.)



1. A governor for internal combustion engines comprising a casing, a valve stem pivoted in said casing, a valve in said casing and connected with said pivoted stem so as to be pivotally mounted in the casing and responsive to the flow of fluid through the casing so as to change its position to vary the effective opening through the casing, and a resisting device for resisting the pivotal movement of said valve due to the fluid flowing through the casing, and an auxiliary opposing device for opposing the resisting device.

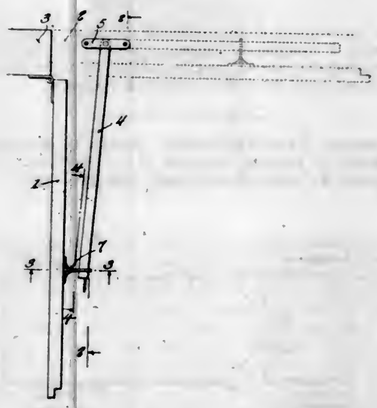
1,569,504. MOUTH GAG OR RETRACTOR. BURDETTE D. LA FORCE, Ottumwa, Iowa. Filed Dec. 1, 1922. Serial No. 604,197. 9 Claims. (Cl. 128—20.)

1. A mouth-gag comprising a head rest having lateral side plates, a forehead clamp coacting with the side plates of said head rest, arms pivotally mounted intermediate their ends upon the side plates of the head rest, a cross-bar connecting said arms at one end and



adapted to engage the patient's lower jaw, and a handle element rigidly connecting the opposite ends of said arms.

1,569,505. DOOR FIXTURE. HARRY LANGER, Milwaukee, Wis. Filed July 18, 1923. Serial No. 652,314. 1 Claim. (Cl. 292—278.)

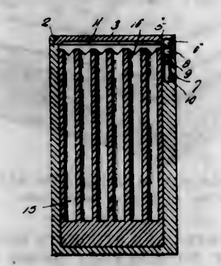


The combination of a casing, a door pivotally carried thereby, a bar having its inner end pivoted to said casing and having a notch formed in its outer end, a bracket rigidly carried by said door for slidably receiving said bar and cooperating with said notch to latch said door in open position, and a manually operable lever pivoted to said bar adjacent the outer end thereof for raising said bar from said bracket to disengage said bracket from said notch, said lever being adapted to bear against said bracket when elevating said bar.

1,569,506. RECEPTACLE FOR EXPLOSIVES. JAMES LAWRENCE LAW, Punxsutawney, Pa. Filed Mar. 6, 1925. Serial No. 13,542. 1 Claim. (Cl. 206—3.)

A device of the class described comprising an open top receptacle, a cover therefor adapted for slidable movement with respect to the receptacle, said cover having an opening formed in one end thereof, and provided with a longitudinally extending groove in the bottom, one end of the groove communicating with said opening, a block having a series of explosive receiving cells formed therein removably supported within the receptacle, and means for locking the cover in a closed

position comprising a spring actuated latch arranged in one of the sides of the receptacle adjacent the upper edge thereof, said latch cooperating with the opening



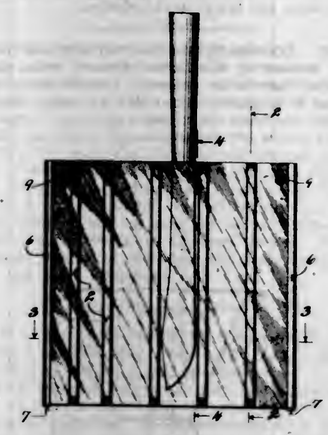
formed in the cover, said latch being adapted for cooperation with the opposite end of the groove formed in the bottom of the cover for limiting the outward movement thereof.

1,569,507. BUCKLE. IRVING R. LEDERER, Providence, R. I. Filed Mar. 4, 1924. Serial No. 696,877. 4 Claims. (Cl. 24—178.)



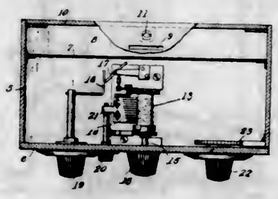
1. A bail-member having arm portions with bearings in their ends, a tubular cross-bar with bearings in its ends, a spindle extending through the bearings of said arms and cross bar, a finger-piece on said spindle, and yielding means for holding said cross-bar in said bearings, said spindle being mounted to be partially withdrawn by manually moving said finger-piece whereby said cross-bar may be removed from said frame.

1,569,508. KNIFE CASE. FRANK W. LEE, Janesville, Wis. Filed Jan. 24, 1924. Serial No. 688,240. 5 Claims. (Cl. 211—17.)



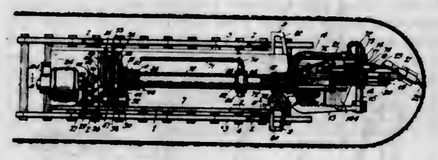
1. A knife case comprising a sheet metal back plate having integrally formed, forwardly projecting spaced vertical ribs, and having rearwardly turned spaced flanges adjacent its upper and lower edges, and a glass front plate contacting with the said front ribs and forming there-with a plurality of open ended pockets, said back plate having inwardly turned vertical end flanges for holding said glass plate in position and having integrally formed clips at its lower corner for holding the glass plate against downward motion.

1,569,509. RADIO TOY. ESTELLE MOSS LEEDY, Bronx, N. Y. Filed Apr. 16, 1924. Serial No. 706,828. 3 Claims. (Cl. 46—46.)



1. A radio toy comprising a toy radio cabinet having a front panel in simulation of a radio set, toy radio controls rotatably mounted at said front panel, music box mechanism mounted within the cabinet having a winding stem connected with one of the rotatable radio controls and stop and start means connected with another of the radio controls at the front of the panel whereby the operation of said music box within the cabinet may be governed by the radio controls at the front of the panel.

1,569,510. TUNNELING MACHINE. FREDERICK CHARLES LIDKE, New York, N. Y. Filed Oct. 7, 1922. Serial No. 592,936. 2 Claims. (Cl. 262—6.)

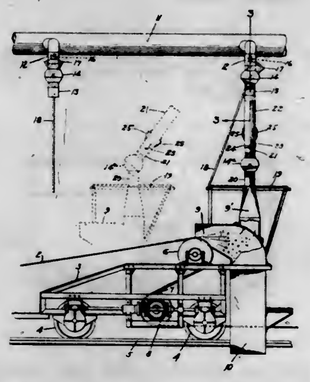


1. In a tunneling machine, a frame, a member carried by the frame for rotation about an axis extending longitudinally of the tunnel to be formed, means for rotating the member about said axis, a second member carried by the first member at its forward end for rotation thereon about an axis transverse to the tunnel, pneumatically actuated excavating means carried by the second member in position to engage the wall of the tunnel to be removed, means by which the second member will be rotated about the transverse axis concomitantly with its rotation with the head about the longitudinal axis, a compressed fluid supply conduit rotating with the first member and having a connection axially to the second member, and pneumatic connections between the second member and excavating means whereby the latter will be continuously supplied with a compressed actuating fluid in all rotative positions.

1,569,511. CONVEYER-BELT TRIPPER. PHILIP LITTLE, Jr., Minneapolis, Minn., assignor to Strong-Scott Manufacturing Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Feb. 11, 1924. Serial No. 692,076. 7 Claims. (Cl. 302—27.)

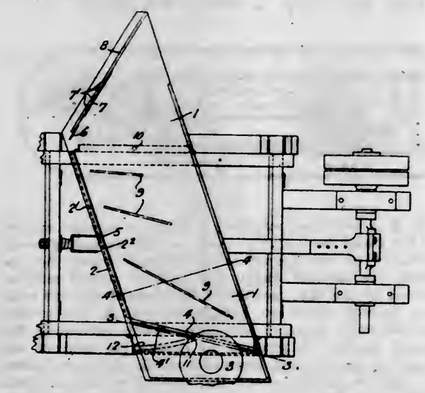
1. In combination a suction air trunk having a rigid metallic intake, a rigid metallic pipe joint supported

for movement over a floor, connecting means between the pipe joint and the intake, said connecting means permitting the movement of said pipe joint transversely



of said intake to automatically separate the pipe joint from the intake when the pipe joint and support are moved transversely of the intake.

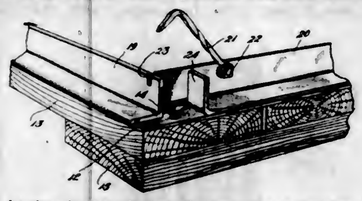
1,569,512. CONCENTRATION OR SEPARATION OF MINERALS. ALFRED ARTHUR LOCKWOOD, London, England. Filed Mar. 26, 1925. Serial No. 18,422. 6 Claims. (Cl. 209—472.)



1. A process of treating material which comprises supporting the same on a smooth surface, subjecting the same to an agitation adapted to cause travel of the material in two directions, and subjecting the material to an air blast substantially parallel to the supporting surface and opposed to one direction of travel of the material, thereby separating the material into different classes.

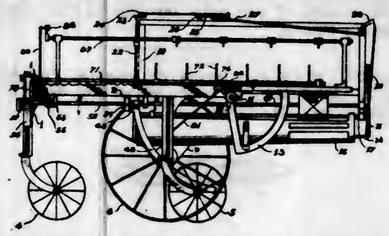
1,569,513. MOLD FOR CONCRETE BURIAL VAULTS. HARRY A. MCCLAIN and WAITE MCCLAIN, Canton, Ohio. Filed Mar. 30, 1925. Serial No. 19,316. 2 Claims. (Cl. 25—130.)

1. A mold comprising a bottom plate, angle irons permanently connected to two adjoining edge portions of the plate, angle irons detachably mounted at the other two edge portions of the plate, certain of said angle



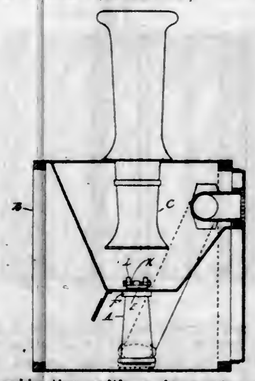
irons having hooks pivoted thereon, the adjoining angle irons having notches to receive said hooks.

1,569,514. SHOCKING AND STOOKING MACHINE FOR ATTACHMENT TO BINDERS. GEORGE MCCLELLAN, Toronto, Ontario, Canada. Filed Oct. 12, 1923. Serial No. 668,155. 15 Claims. (Cl. 56—409.)



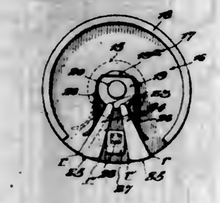
1. In a device of the class described, a frame having suitable running gear, a carriage tiltably mounted therein and having an opening on the binder deck side to receive sheaves; gate sections disposed in the front end and bottom of said carriage, means to automatically open such gate sections when said carriage approaches a vertical position in tilting, and means to close such gate sections as the carriage reverts back to a normal position again; a knotter and a needle oppositely disposed in said carriage; manually operable means connected to said running gear adapted to actuate said knotter and needle to effect the tying of the sheaves, and means actuated by such running gear to effect the tilting of said carriage upon the tying of the sheaves.

1,569,515. LOCOMOTIVE-EXHAUST-NOZZLE COVERING. ANDREW G. MACHESNEY, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a Corporation of Michigan. Filed Mar. 13, 1922. Serial No. 543,535. 3 Claims. (Cl. 162—4.)



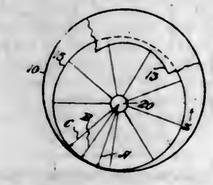
1. The combination with a locomotive exhaust discharge nozzle, of a cover plate adapted to seat on the discharge end of said nozzle, a hinged connection between said cover plate and nozzle permitting the opening of the same by the discharge of steam, and a stop for limiting the opening movement of said cover to a position from which it will automatically close.

1,569,516. TRANSMISSION MECHANISM. JOHN F. MANGHAM, El Paso, Tex. Filed Dec. 11, 1923. Serial No. 679,995. 2 Claims. (Cl. 192—43.)



1. A transmission mechanism comprising a clutch member having an internal annular bearing surface, another clutch member rotatable inside of said bearing surface, a boss on said latter member, and two adjacently-positioned dogs bearing against said boss and one of them being arranged to engage frictionally against said bearing surface when relative effort of said clutch members is in one direction and the other dog being arranged to have like engagement when relative effort is in the opposite direction, said dogs being swingable away from each other out of such engagement.

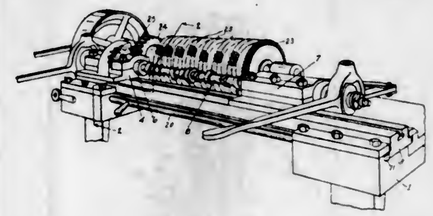
1,569,517. SELF-RAILING WHEEL. GEORGE MATZ, New York, N. Y. Filed Mar. 24, 1924. Serial No. 701,425. 1 Claim. (Cl. 305—7.)



A driving wheel structure comprising an outer ring forming a rim for engagement with the surface on which the wheel structure is used, a rigid wheel mounted to roll in said outer rim and to transmit the drive thereto, said wheel comprising a hub, a rim and means connecting the hub and wheel rim, said wheel rim having a diameter less than the outer rim diameter and flanges, the radial width of which is greater than the difference between the outer rim and wheel diameters, on said outer rim for retaining the wheel within the outer rim, one of said flanges being formed on said rim and the other of said flanges being removably attached thereto, the outer peripheral surface of the wheel and inner surface of the outer rim being roughened.

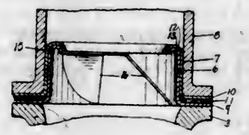
1,569,518. MILLING MACHINE. HERMAN W. MELLING, Jackson, Mich. Filed Sept. 28, 1928. Serial No. 665,347. 8 Claims. (Cl. 90—20.)

1. In a machine for milling cam shafts having a plurality of cams disposed thereon with adjacent cams in non-aligning relation, the combination of a work carriage mounted for adjustment laterally of the plane of its feed travel and provided with work supporting and driving means including a five spindle, feed means for said work carriage, means for laterally adjusting said carriage, a cutter shaft disposed parallel to said live spindle, means for driving said cutter shaft and spindle at the same speed and in opposite directions, and a plurality of milling cutters having non-circular peripheral contours complementary to that of the cams to be ma-



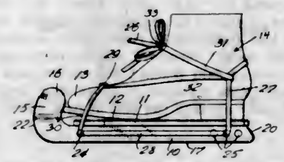
chined and a diameter substantially greater than that of such cams, said cutters being positioned on the cutter shaft in a relation corresponding to that of the cams on the cam shaft.

1,569,519. FUEL MIXER FOR INTERNAL-COMBUSTION ENGINES. ELMER H. MIDDAUGH, Kalamazoo, Mich. Filed Jan. 15, 1924. Serial No. 686,256. 2 Claims. (Cl. 48—180.)



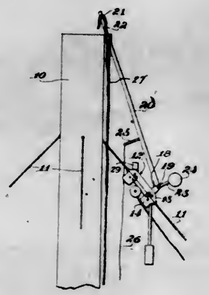
1. A device of the class described, comprising telescoped inner and outer tubular members adapted to fit within the intake pipe of a manifold and having attaching flanges at their lower ends adapted to be interposed between the coupling flanges of a manifold and a carburetor, the flanges of said tubular members having a packing gasket between them, the inner ends of said members terminating in inwardly curved flanges providing an annular integral channel, the inner member having integral downwardly deflected segmental blade-like spirally twisted baffle members.

1,569,520. SNOW SKATE. JOHN C. MILLER and ROBERT H. FAYFIELD, Buffalo, N. Y., assignors to Fayfield Knoll Company, Buffalo, N. Y. Filed May 16, 1924. Serial No. 713,715. 3 Claims. (Cl. 208—167.)



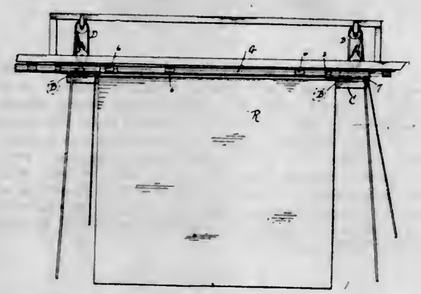
1. In a snow skate, a body portion comprising a runner holding portion and a foot support, said runner holding portion having a prow extending upwardly therefrom to a point above said foot support, said prow having a part adjacent said foot support providing a stop for engaging the toe of the shoe of the user to limit the extent to which the shoe may be moved forwardly on said foot support, and means for securing said skate to the shoe of the user.

1,569,521. STACK POLING AND GUY-PAINTING DEVICE. THOMAS W. MILTON, East St. Louis, Ill. Filed Jan. 12. 1925. Serial No. 2,051. 4 Claims. (Cl. 304—1.)



3. A device for placing a suspending hook on the upper end of a stack comprising a track extending from the ground to a point adjacent the top of the stack, a self-propelled vehicle arranged to run on the track, and means on the vehicle for supporting a suspending hook and positioning said hook on the stack.

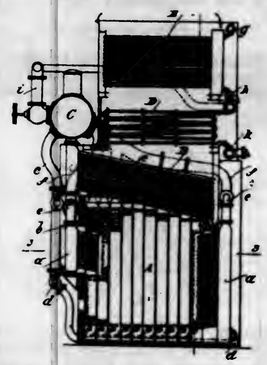
1,569,522. RUG-HANDLING MACHINE. EDGAR J. MYERS, Salt Lake City, Utah. Filed Nov. 4, 1924. Serial No. 747,798. 3 Claims. (Cl. 211—14.)



1. A rug handling machine comprising a rug supporting pole; spaced apart wheels secured near the ends of said pole; tracks on which said wheels are operated; socket members adapted to engage the ends of said pole when raising and lowering the rugs; guide members within which said socket members are carried when they are on the plane of said tracks; and an inclined portion of each of said guide members to move said socket members longitudinally against the end of said track.

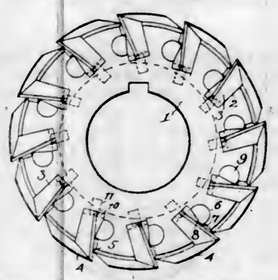
1,569,523. BOILER. ELIE PIERRE JULES NICLAUSSE and ALBERT LOUIS NICLAUSSE, Paris, France. Filed Apr. 20, 1923. Serial No. 633,387. 1 Claim. (Cl. 122—235.)

The combination with a tubulous boiler, of a water and steam drum, of a combustion chamber whose walls comprise headers divided into two chambers, compound coaxial tubes carried by the internal sides of such headers, each of said compound tubes having a closed end and leading into one of said compartments, while the internal tubes of each of said compound tubes are open ended and lead into the other of said compartments, water collectors in communication with said drum and connecting together the bottoms of those compartments of the headers in communication with the said internal



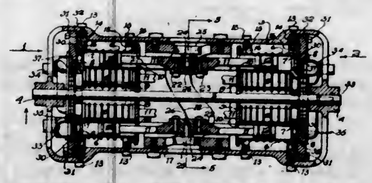
tubes, and steam collectors in communication with said drum and connecting together the tops of those compartments in communication with the said external tubes.

1,569,524. CHANNEL-MILLING CUTTER. EDWARD A. NOLL, Lakewood, Ohio. Filed Jan. 7, 1924. Serial No. 684,732. 1 Claim. (Cl. 29—105.)



In a device of the character described the combination with a supporting member having a cutter receiving notch, of a cutter having a base portion fitting in the notch, of a wedge member engaging the supporting member and cutter along one side of the notch and exerting an inward wedging action on the cutter, a projection carried by the supporting member at the bottom of the notch and a transverse groove in the inner edge of the cutter adapted to receive said projection.

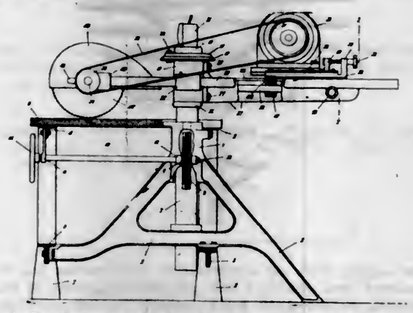
1,569,525. ROTARY ENGINE. IVAN L. OWENS, Wytheville, Va. Filed Apr. 26, 1922. Serial No. 556,807. 5 Claims. (Cl. 123—43.)



1. A rotary engine of the character described, comprising a stationary exterior frame extending throughout the length of the engine, a hollow cam cylinder fixedly secured to said frame within the frame, said cam cylinder being formed with a cam slot forming a sinuous abut-

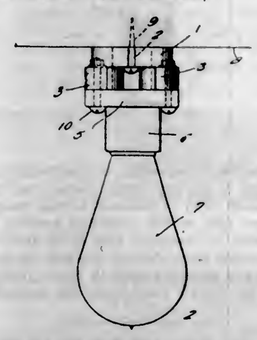
ment, a solid centrally disposed driving shaft mounted at each end of the frame, a series of cylinders disposed at each side of said cam cylinder and rotatable with said shaft within said frame, pistons for said cylinders, a disk secured to the inner end of each series of cylinders, a series of slideways rigidly secured to each disk, a series of H-shaped slide-blocks mounted on said slideways, and a roller removably mounted on each slide-block for slidably operating said pistons.

1,569,526. WOODWORKING MACHINE. RICHARD G. PARK, Jr., Washington, D. C., assignor to Hutchinson Manufacturing Co., Norristown, Pa., a Corporation of Pennsylvania. Filed Feb. 28, 1925. Serial No. 12,314. 4 Claims. (Cl. 143—6.)



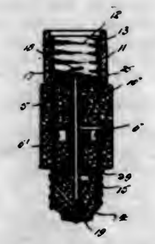
4. In a woodworking machine the combination of a main frame; a standard mounted therein; a second frame supported by and adapted to rotate about said standard, provided with bearings fore and aft; a fixed rod contained in said second frame and positioned beneath the plane of said bearings; a carriage comprising two parallel rods slidably supported by said bearings; a depending bearing attached to said carriage and slidable upon said fixed rod, adapted to hold said carriage in fixed relation thereto; a cross-head abutting said parallel rods; an operating handle positioned upon said cross-head and in the same plane as said parallel rods; a tool shaft mounted in said cross-head; and a motor mounted on said carriage and adapted to drive said shaft.

1,569,527. BULB MOUNTING. ROBERT LEE PATTERSON, Long Beach, Calif. Filed Feb. 25, 1925. Serial No. 11,621. 2 Claims. (Cl. 240—90.)



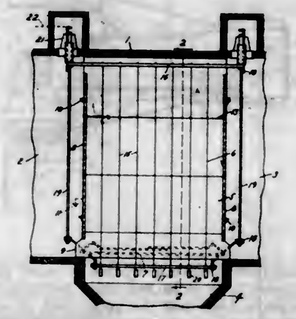
1. As a new article of manufacture, a combined mounting and shock absorber for an electric light bulb socket, comprising a single body of comparatively resilient material shaped to provide attaching portions and portions for connection of the socket, the last named portions bridging the ends of the first named portions to provide spaces between said ends.

1,569,528. ATTACHMENT PLUG. LESLIE D. YAGER, Fort Wayne, Ind. Filed Nov. 9, 1923. Serial No. 673,747. 2 Claims. (Cl. 173—334.)



1. In a multi-way attachment plug, a body of insulating material having a threaded lamp socket and a threaded plug respectively positioned at opposite ends thereof, said socket and plug having central and outer contacts, two crossed pairs of receptacle terminals within the body, the receptacle terminals of each pair being double-ended for engagement of jacks of a cooperating attaching plug at either of two opposed sides of the body, a pair of conducting strips extending through the body and each attached to one receptacle terminal of each of said pairs, a bolt extending through the body and electrically connecting the central contacts of the socket and plug, and additional conducting strips extending into the body and electrically connecting said central contacts with the remaining receptacle terminal of each pair, said first named conducting strips affording the electrical connection between the outer contact of the plug and socket respectively.

1,569,529. APPARATUS FOR ELECTRICAL SEPARATION OF SUSPENDED MATERIAL FROM GASES. EVALD ANDERSON, Alhambra, Calif., assignor to International Precipitation Company, Los Angeles, Calif., a Corporation of California. Filed Apr. 13, 1925. Serial No. 22,846. 4 Claims. (Cl. 183—7.)

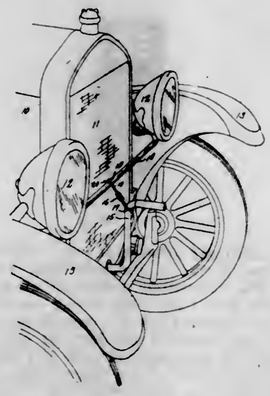


1. A collecting electrode for electrical precipitators comprising a body of high resistance material and grounded metallic supporting and grounding frame means in contact with but wholly outside of said body, the construction being such that a continuous electrical connection is established from every part of the collecting electrode to the said supporting and grounding means through the high resistance material of said electrodes.

1,569,530. AUTOMOBILE CRANK HOLDER. NATHANIEL C. BARNES, Des Moines, Iowa. Filed Dec. 5, 1925. Serial No. 73,506. 5 Claims. (Cl. 74—33.)

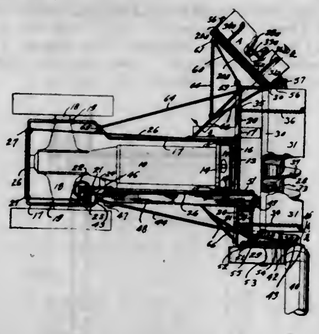
1. In combination with an automobile having a pair of spaced fenders, a connecting member between the

fender and a crank, of a holder for the crank comprising a single piece of wire bent to form a coil spring, a hook



formed from the end of the wire engageable with the crank and a portion of said wire being connected with the connecting member between the fenders.

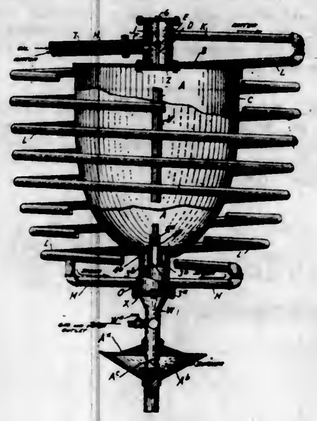
1,569,531. SNOWPLOW. JOHN BARRY, Marcus, Iowa. Filed Mar. 10, 1925. Serial No. 14,458. 6 Claims. (Cl. 37—42.)



1. In combination with a tractor, a snow plow comprising a frame, a blade backed auger rotatably mounted on said frame, a hood over the upper part of said auger and extending forward therefrom, means for resiliently holding said hood in its forward position but allowing it to be pushed back by snow, and means for operatively connecting said auger to the engine of said tractor.

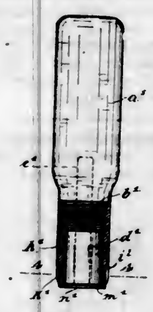
1,569,532. HEAT TREATMENT OF HYDROCARBONS. HAROLD R. BERRY, Brooklyn, N. Y., assignor to The Dynamics Corporation of America, New York, N. Y., a Corporation of Delaware. Filed Dec. 6, 1924. Serial No. 754,284. 14 Claims. (Cl. 196—63.)

1. A process of cracking and converting hydrocarbon oil, which consists in continuously introducing hydrocarbon oil into an enlarged zone, and continuously and separately introducing into said zone substantially undiluted steam of such volume and at such temperature that such carbon as is released by the cracking of the hydrocarbon oil is converted into carbon oxides by union



with oxygen from the steam before such carbon can be deposited upon the zone wall, the specific gravity of the resulting hydrocarbons being lowered by the reactions.

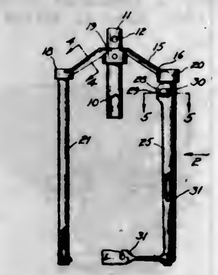
1,569,533. WOODEN TOOL HANDLE. CONSTANTIN BILGERY and ALEXANDER REUTLINGER, Frankfort-on-the-Main, Germany. Filed Apr. 30, 1923. Serial No. 635,624. 2 Claims. (Cl. 279—102.)



1. A tool handle, comprising, in combination, a handle proper of wood, a threaded front portion on the wooden handle, a smooth stud of reduced section projecting beyond the front end of the threaded portion, a central bore in the stud to receive a tool fiting tightly, and an internally threaded metal ferrule screwed on the threaded front portion and having a smooth bore guided upon the smooth stud, the ferrule reinforcing the central bore.

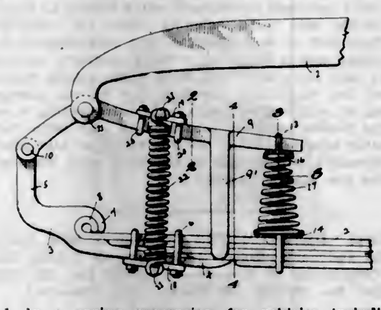
1,569,534. FLIER. HJALMAR G. CARLSON, Worcester, Mass., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass., a Corporation of Massachusetts. Filed Sept. 27, 1923. Serial No. 665,210. 9 Claims. (Cl. 118—57.)

1. As an article of manufacture, a flier comprising a crown formed of a single piece of pressed solid metal having two diverging arms having a substantially stream line section and each terminating in an integral hollow



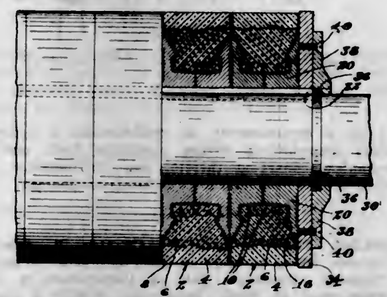
hub, one having secured therein a hollow pressed sheet metal roving guide and the other a balancing arm parallel with said guide.

1,569,535. SHOCK ABSORBER. WILLIAM P. COLE, Coalinga, Calif. Filed Aug. 8, 1922. Serial No. 580,413. 8 Claims. (Cl. 267—17.)



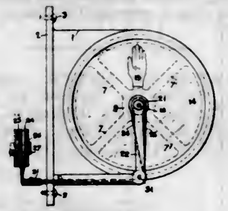
1. In a spring suspension for vehicles including a main leaf spring and a chassis frame, a shock lever being fulcrumed upon the chassis frame and pivotally connected at one end to the main leaf spring, a contractile spring having connection with said shock lever and said main leaf spring, and a compression spring having connection with said lever and the main leaf spring.

1,569,536. SECTIONAL ROLL FOR WRINGING MACHINES. H STANLEY CRYSLER, Lowell, Mass., assignor of fifty one-hundredths to Robert J. Wilkie, Newton, Mass. Filed Jan. 23, 1925. Serial No. 4,198. 7 Claims. (Cl. 68½—33.)



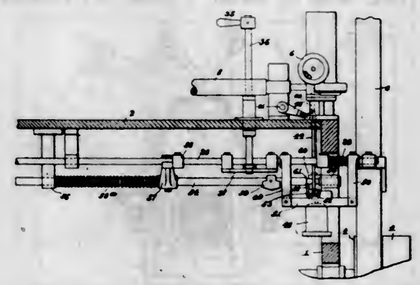
1. A roll of the class described having, in combination, a group of ring-like rubber sections, a central shaft upon which said sections are mounted, said sections having their exterior peripheral surfaces composed of rubber of less density than the rubber in the base portions of the same, a series of metallic members interposed between each of said sections and the shaft and locked in turn with said shaft, said sections being held by and compressed between adjacent flanges by pressure oppositely applied to and maintained against the respective ends of said group, the harder base of the sections being formed to withstand the major part of the compression.

1,569,537. SIGNALING DEVICE FOR MOTOR ROAD VEHICLES. GEORGE DADSWELL, Ulverston, England. Filed Jan. 15, 1925. Serial No. 2,628. 1 Claim. (Cl. 116—51.)



A signaling device of the class described comprising a base plate, a casing thereon, a bracket secured to the base plate and spaced from the front side of the casing, a parallel frame mounted for rotation in the casing and provided with openings, a glass carried by said parallel frame and displaying an indicator before one of said openings, a source of light in said casing and arranged to send light rays throughout the openings of said frame and through said glass, a shaft mounted for rotation in said casing and fixed to said frame and glass, and means to turn said shaft.

1,569,538. KNOCK-OFF MOTION FOR TWISTING MACHINES. SERGE DANILOFF and CHARLES FRANKLIN DUPEE, Lowell, Mass., assignors to Saco-Lowell Shops, Lowell, Mass., a Corporation of Massachusetts. Filed June 23, 1922. Serial No. 570,413. 21 Claims. (Cl 192—139.)



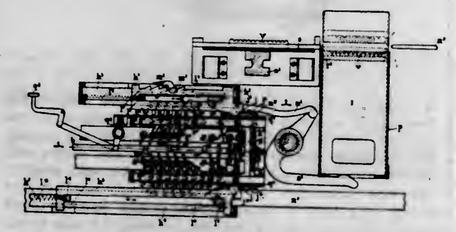
8. In a knock-off mechanism for machines of the character described, a disk having a slot and a recess adjacent said slot, a spring pressed dog pivoted in said recess, the top face of said dog having a raised portion projecting above the circumference of the disk, a depression and a boss, as and for the purpose described.

1,569,539. RADIO ADJUSTMENT DIAL. GREGORY DESJARDINS, Cincinnati, Ohio, assignor to Bosworth Electric Manufacturing Company (a Firm composed of C. J. Iredell, Ira Holden, E. P. Bosworth, and George Desjardins), Norwood, Ohio. Filed Oct. 13, 1925. Serial No. 62,297. 3 Claims. (Cl. 74—33.)



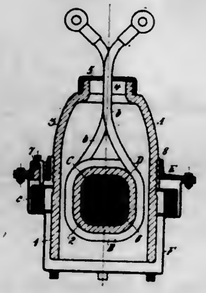
1. A radio adjustment knob or dial formed of a piece of material having a central body of large area, with a surrounding dependent rim of concave nature, said rim having indexing means thereon, and interspaced finger tip cavities arranged peripherally thereof, for the purpose described.

1,569,540. CANCELING DEVICE. ARNOLD AUGUST EGLI, Bern, Switzerland, assignor, by mesne assignments, to Chocolat Tobler Holding Co., Aktiengesellschaft, Schaffhausen, Switzerland. Filed Jan. 13, 1923. Serial No. 612,368. 17 Claims. (Cl. 101—93.)



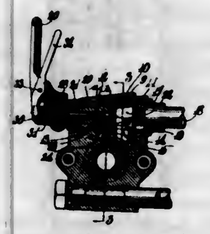
1. In a machine for producing a line of characters, typebars, a plurality of members equipped with settable engaging devices and adapted for determining the positions of the typebars, means for actuating the settable engaging devices, means for operating a set engaging device, and means for restoring an actuated engaging device before it is operated.

1,569,541. CURRENT-CONVERTING MEANS. FRANZ JOSEF FISCHER, Dresden, Germany. Filed Apr. 20, 1922. Serial No. 555,754. 2 Claims. (Cl. 175—361.)



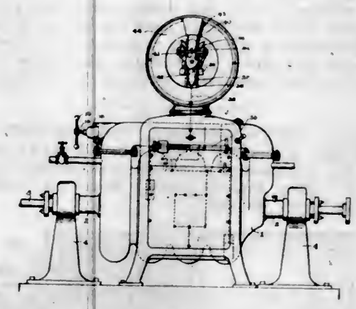
1. In a device for converting electric currents in combination an annular horizontal core, comprising a shell and a diametrical transverse bar, a hollow body comprising a transverse tube adapted to receive said transverse bar, and a tank adapted to receive a dielectric surrounding said body and said core and extending beyond the level of said transverse bar.

1,569,542. ROCK-DRILLING MECHANISM. ELMER G. GARTIN, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed July 1, 1921. Serial No. 481,974. 19 Claims. (Cl. 121—9.)



1. A controlling valve mechanism for a rock drilling motor and feeding means therefor comprising a casing having fluid passages formed therein leading respectively to said motor and said feeding means, a main controlling valve arranged within said casing having an operating handle, said valve including means for controlling the fluid flow in said passages, and supplemental feed controlling means including a valve arranged coaxially within said main valve and reciprocable axially relative thereof for controlling the fluid flow in the passages leading to said feeding means, said valve having a controlling handle pivotally connected to said main valve operating handle to swing towards and from said handle and operating to close said supplemental valve when said handles are brought together.

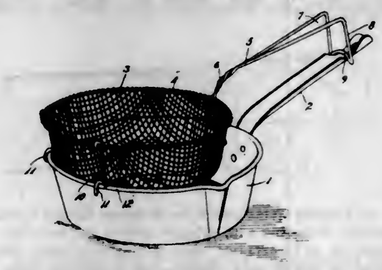
1,569,543. DYNAMOMETER. HALVOR O. HEM, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Feb. 25, 1920. Serial No. 361,255. 3 Claims. (Cl. 265—24.)



1. In a dynamometer, in combination, a hydraulic torque transmitting device, pendulum force resisting mechanism connected thereto, and an indicator connected to said pendulum force resisting mechanism.

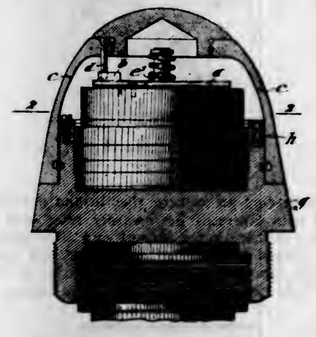
1,569,544. FRYING BASKET. CHARLES R. JAMISON, Canton, Ohio, assignor to The Enterprise Aluminum Company, Massillon, Ohio, a Corporation of Ohio. Filed Aug. 18, 1925. Serial No. 50,963. 6 Claims. (Cl. 53—7.)

1. In combination with a receptacle having a handle, a perforate basket arranged to fit within the receptacle, a handle upon the basket, and means upon the basket and basket handle for supporting the basket above the



bottom of the receptacle upon the edge of the receptacle and the handle of the receptacle respectively.

1,569,545. MECHANICAL TIME FUSE. OSKAR JUNGHANS, Schramberg, Germany. Filed June 27, 1925. Serial No. 40,053. 10 Claims. (Cl. 102—36.)



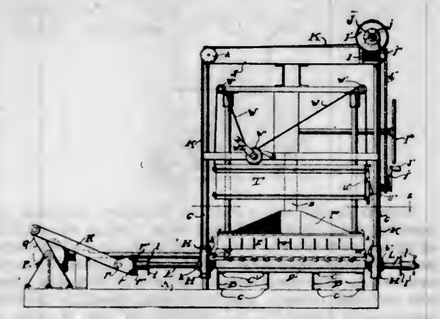
10. A mechanical time fuse for projectiles comprising a fuse body provided with a clockwork; a setting disk for said clockwork and having a saw-tooth periphery; locking means engageable with said saw-teeth of said disk in order to prevent the rotation of the disk in the opposite direction to that in which it is adapted to be set; a cap for said fuse body; and a plurality of spring-pressed rollers in a recess in said fuse body, said rollers being engageable with said cap for preventing rotation of the cap in the direction in which the inertal is effective when the projectile is fired.

1,569,546. TYPEWRITER. WALTER KAHLE, Erfurt, Germany, assignor to A E G Deutsche Werke Aktien-Gesellschaft, Berlin, Germany. Filed July 18, 1924. Serial No. 726,765. 6 Claims. (Cl. 197—60.)



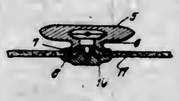
1. A typewriter comprising a main track to support the carriage and lateral extensions adapted to be temporarily secured to the end of said track so as to form a continuation thereof.

1,569,547. HOP-PACKAGE CUTTER. JOHN W. KAUFFMANN, Chicago, Ill. Filed Jan. 18, 1923. Serial No. 613,416. 10 Claims. (Cl. 100—57.)



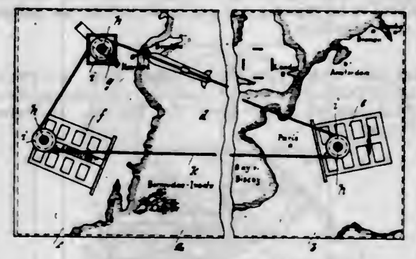
1. Longitudinally movable saw frames mounted in different horizontal planes, means to reciprocate and means to vertically move said frames, saws mounted in said frames, in combination with presser boards respectively provided with slits corresponding with and adapted to receive said saws.

1,569,548. BUTTON. GEORGE KELLOG, New York, N. Y. Filed Mar. 19, 1925. Serial No. 16,807. 5 Claims. (Cl. 24—105.)



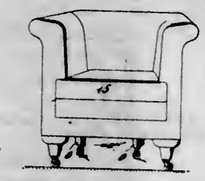
1. A button of the class described comprising a head having a shank and a central recess therethrough, a pointed piercing stud seated within the recess, said stud being threaded and extending below the bottom of the shank and a cap threaded to the stud.

1,569,549. AERIAL-NAVIGATION TOY. ERNST KEPPNER, Nuremberg, Germany, assignor to the Firm Blechspiel-Warenfabrik Johann Distler, Nuremberg, Germany. Filed Jan. 17, 1925. Serial No. 3,140. 3 Claims. (Cl. 35—12.)



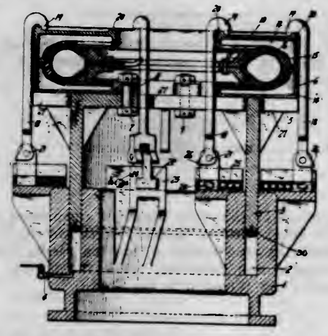
1. Aerial navigation toy for the purpose described comprising in combination a ground plate representing in a flat manner a geographical map, a number of objects on said map each representing a locality receiving in supports upwardly projecting shafts provided on the upper ends with guide rollers, a spring mechanism driving one of the said guide roller shafts, a cord running continuously around the said rollers and carrying an airship or the like.

1,569,550. FURNITURE STRUCTURE. EMIL C. KRAHL, Fairview Village, Ohio. Filed Apr. 25, 1925. Serial No. 25,803. 1 Claim. (Cl. 155—184.)



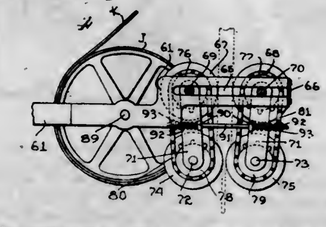
A chair or the like article of furniture including upstanding legs, certain of said legs having horizontally alined recesses in their inner faces, upper and lower frame members interconnecting the legs, intermediate frame members on said legs horizontally alined with the upper ends of said recesses and projecting inwardly to form a continuous pocket for the reception of edge portions of a seat cushion.

1,569,551. VULCANIZER. OTTO J. KUHLKE, Akron, Ohio, assignor to The Kuhlke Machine Company, Akron, Ohio, a Corporation of Ohio. Filed Aug. 31, 1925. Serial No. 53,489. 6 Claims. (Cl. 18—17.)



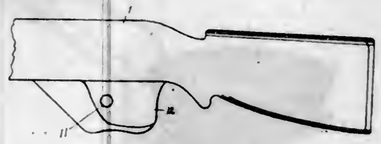
1. In an apparatus of the character set forth, a bed, a ring-shaped ram upon the bed, a table carried by the ram, a circular mold secured to the table above and in register with the ram, said mold comprising two sections hingedly secured together, and a plurality of clamps pivotally and adjustably secured upon the bed and adapted to be brought over the mold to hold the sections in closed position.

1,569,552. TAKE-UP MECHANISM FOR KNITTING MACHINES. EVERETT P. LEONARD, Chattanooga, Tenn. Filed July 20, 1922. Serial No. 576,193. 18 Claims. (Cl. 66—19.)



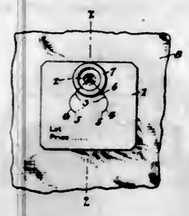
1. In combination with a knitting machine, two laterally yielding supporting means, and a pair of drawing rolls on each of said supporting means, said rolls forming a throat for the fabric, substantially as described.

1,569,553. SAFETY ATTACHMENT FOR FIREARMS. FRED E. LEWIS and THOMAS J. WILLIAMS, Utica, N. Y. Filed June 10, 1925. Serial No. 36,251. 6 Claims. (Cl. 42—70.)



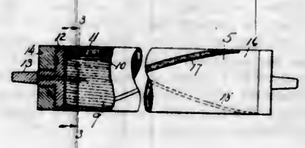
1 In a safety attachment for firearms having a trigger, a member enclosing said trigger, means for securing said member to a firearm, an arm mounted in said member adapted to engage said trigger, and a movable plate permitting said arm to be actuated, whereby to discharge the firearm.

1,569,554. TAG FOR CLOTHING. HERMAN LISSNER, New York, N. Y. Filed Feb. 12, 1925. Serial No. 8,723. 3 Claims. (Cl. 40—26.)



1. A tag having an opening therein and provided with a pair of slits diverging downwardly from said opening to provide a tab, the lower ends of said slits being curved inwardly toward one another to prevent the tearing of said slits to the outside edges when the tab is displaced from the body to receive the shank of a button in said opening.

1,569,555. UNDER CLEARER ROLL. NOAH E. LUCAS, Norwich, Conn. Filed Dec. 12, 1923. Serial No. 680,081. 9 Claims. (Cl. 19—140.)



9. An underclearer roll having a smooth polished surface with a spiral groove therein, and a catcher comprising material having an affinity for lint, threads, etc., located in said groove with the outer surface of the catcher substantially flush with the outer surface of said roll.

1,569,556. COMBINED TABLE, BED, AND BACK REST. CHARLES D. MCDONALD, Los Angeles, Calif. Filed Oct. 26, 1922. Serial No. 597,094. 2 Claims. (Cl. 5—114.)

1. In a combined table bed and back rest, a pair of side rails, legs pivotally connected to the under face of said side rails, adjacent their ends, adapted to be folded into abutment with the side rails and into perpendicular positions, brace means for holding the legs in perpendicular positions, cross bars connected to the opposite side rails at the opposite ends of the bed, said connection comprising a horizontal slot in the side rails, a hinge plate secured to the one end of the cross bars, there being also a vertical pin and a slot connection between the hinge

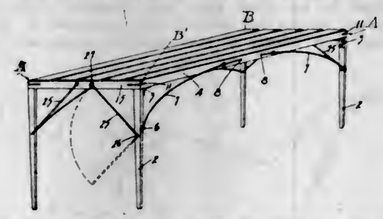
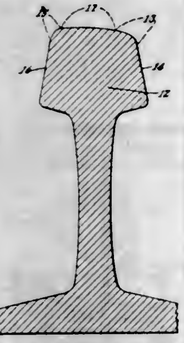


plate and the side rail to allow the cross bars to hinge into longitudinal alinement with the side rails, the other end of each side rail being connected to the other end of each cross bar by means of a disconnectible joint.

1,569,557. RAILROAD-TRACK CURVE. JOHN W. MCMANAMA, Waltham, Mass., assignor of one-third to Samuel W. Simonds, Brookline, Mass., and one-third to Francis A. Barbey, Cambridge, Mass. Filed May 20, 1925. Serial No. 31,513. 3 Claims. (Cl. 238—15.)



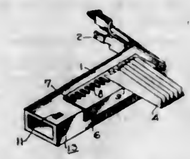
1. An inner rail of a railroad track curve having its tread face reduced in width from the standard size to minimize resistance to side slip of heels thereon, the cross section of the tread face being crowning and including marginal salient tractrix curve, merging into a side face of the rail head, a marginal salient curve merging into the opposite side of the head, and an intermediate salient curve merging into said marginal curves.

1,569,558. DISTRIBUTING DEVICE FOR MOVING FLUIDS AND GASES. GEORGE JAMES MANSON, Hawkesbury, Ontario, Canada. Filed Dec. 12, 1924. Serial No. 755,582. 18 Claims. (Cl. 34—48.)



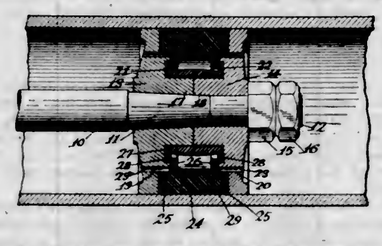
18. A device of the character described comprising a channel having converging walls, one of said walls having a plurality of spaced ports therein, a plurality of cross channels communicating with said ports, a discharge nozzle communicating with the cross channels.

1,569,559. AXMINSTER TUBE FRAME. HOWARD MASON, Amsterdam, N. Y., assignor to Shawmut Engineering Company, Boston, Mass., a Corporation of Massachusetts. Filed July 19, 1922. Serial No. 575,973. 10 Claims. (Cl. 139—10.)



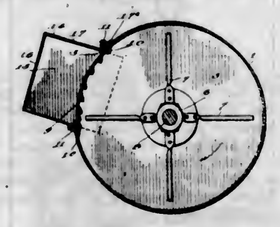
10. In an Axminster tube frame, the combination with a longitudinal carrier-bar, of a longitudinal tube-attaching strip provided with inwardly turned bar-penetrating hooks arranged to hook into corresponding apertures formed in the bar, and fastening means applied to the exterior of the bar to prevent said hooks from withdrawal from said apertures, substantially as described.

1,569,560. EXPANSIBLE PACKING FOR PLUNGERS. ERWIN E. MILLER, Fullerton, Calif. Filed June 23, 1925. Serial No. 39,058. 14 Claims. (Cl. 74—109.)



1. A plunger for pumps and the like comprising a plunger rod, means providing heads upon the rods, a sealing ring disposed between the heads having outwardly extending flanges, an expansible packing disposed between the heads having inwardly extending flanges engaging the flanges on the sealing ring, and means providing passages through the heads opposite one of said sets of flanges for the purpose described.

1,569,561. MACHINE FOR GRINDING GRAIN. GUSTAF E. MILLER, Stratton, Nebr. Filed Nov. 25, 1924. Serial No. 752,172. 4 Claims. (Cl. 83—11.)



1. A device of the character described comprising a casing having a substantially cylindrical body and end members at the ends of the body, one of said end members having a central inlet opening, said cylindrical body being formed with an outlet opening, a fan mounted to rotate within said casing in concentric relation to said cylindrical body, the ends of the blades of the fan passing in proximity to the inner wall of the cylindrical body but being spaced from the latter, and a grating covering said outlet opening, said grating comprising a plate

having portions struck inwardly therefrom at intervals throughout its area to provide perforations and inwardly extending guard lips for the perforations, each of said guard lips having the free end thereof facing the outer end portion of each blade of the fan as that blade is moved close to the outlet opening of the casing during the rotation of the fan.

1,569,562. APPARATUS AND PROCESS FOR THE PRODUCTION OF COLORED DESIGNS ON LEATHER. WILLY MOOG, Arzheim, near Landau, Germany. Filed May 21, 1925. Serial No. 31,965. 9 Claims. (Cl. 8—5.)



2. A process for the production of colored designs on leather which comprises the steps of pressing a stencil tightly against the leather to be decorated; applying an excess of dyestuff on the exposed portions of the leather; removing the excess dyestuff from the leather; and then relieving the pressure and removing the leather from the stencil.

3. A device for producing colored designs on leather comprising a trough; a pneumatic pad in said trough and upon which the leather to be decorated is placed, said leather being adapted to have a stencil conforming to the design placed thereon; means for forcing the stencil tightly on said leather; and means for rocking the trough in order that the color shall flow over the entire surface of the stencil and into the openings therein to thus color the exposed portions of the leather.

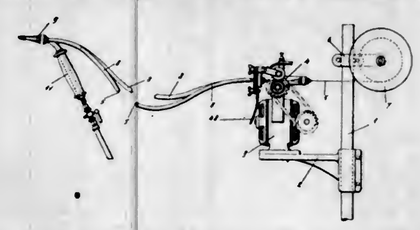
1,569,563. EYE FOR PLUSH TOY FIGURES. HEINRICH MÜLLER, Nuremberg, Germany. Filed Jan. 20, 1925. Serial No. 3,639. 4 Claims. (Cl. 46—40.)



1. An eye for plush toy figures comprising in combination a convex hollow shell with a central aperture, a glass body cut in the manner of a diamond mounted within the aperture said shell and glass body constituting the eye ball and pupil respectively, means for securing the eye to the plush toy figure said means being integral with said shell, and means for mounting the glass body within said aperture secured against movement relative to the shell.

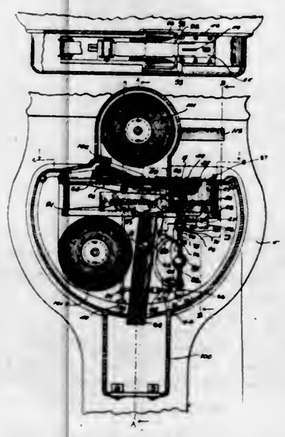
1,569,564. APPARATUS FOR THE PULVERIZATION AND PROJECTION OF MOLTEN METAL. WILHELM MÜLLER, Flix, Spain, assignor to Sociedad Electro-Quimica de Flix, Tarragona, Flix Province, Spain. Filed Jan. 26, 1924. Serial No. 688,750. 2 Claims. (Cl. 91—12.2.)

1. Apparatus for metallization through the pulverization and projection of molten metal comprising in combination a support, wire supplying and feeding means mounted thereon, flexible current conducting and wire guiding tubes connected with the wire feeding means, a cross piece of insulating material, nozzles rigidly mounted on the cross piece and connected with the tubes and having the delivery ends arranged in close relation with respect to each other, a compressed air



delivering nozzle rigidly connected to the cross piece and situated between the wire delivering nozzles, a handle rigidly connected with the compressed air nozzle adjacent the cross piece and a flexible supply pipe for compressed air connected with the compressed air delivering nozzle.

1,569,565. COIN-CONTROLLED MECHANISM FOR WEIGHING SCALES. HUBERT A. MYERS, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Oct. 1, 1919. Serial No. 327,773. 15 Claims. (Cl. 194—56.)

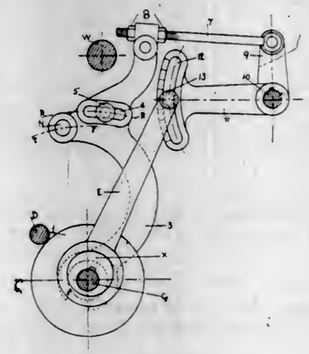


8. In a device of the character described, coin-operated controlling means comprising a slidable member for receiving a coin, a rack carried by said member, a timing device set in operation upon the sliding movement of said member, including a pinion meshing with said rack, a spring connected with said pinion, and a rotatable fly-ball device actuated by said spring.

1,569,566. COMBING MACHINE. JOHN WILLIAM NASMITH, Manchester, England, assignor to Nasmith's Patents Limited, Manchester, England. Filed Feb. 25, 1925. Serial No. 11,535. 2 Claims. (Cl. 19—120.)

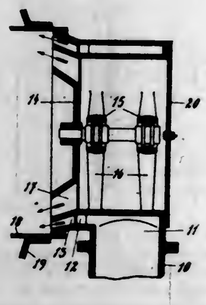
1. In a combing machine wherein the pivot of the nipper in said machine is moved along an arc having a common centre with the combing cylinder for the purpose of adjusting the relation of the nipper to the detaching roller of the combing machine, means for

giving the said pivot a slight oscillatory motion at each stroke of the apparatus, such means comprising, a lever carrying the pivot, an arcuate sliding bearing for the



said lever formed on an arc struck from the centre of the combing cylinder, and means for imparting from the cylinder shaft an oscillatory motion to the lever at each revolution of the said shaft.

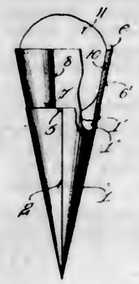
1,569,567. BURNER FOR GAS FURNACES. EMIL OPDERBECK, Gelsenkirchen, Germany, assignor to Heinrich Koppers, Essen-Ruhr, Germany. Filed Aug. 24, 1921. Serial No. 494,954. 13 Claims. (Cl. 158—99.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



1. In a burner for industrial gas furnaces in combination, an air duct and a gas duct, rotary means in the path of the gas traversing said gas duct arranged to be set revolving by the gas and means associated with said rotary means for transmitting the energy of flow of the gas onto the air in said air duct.

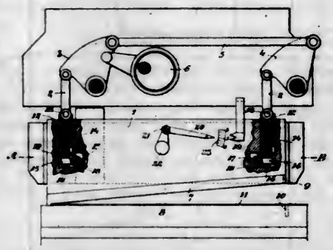
1,569,568. CONFECTION CONE. HAYES N. PEDERSON, Racine, Wis. Filed Mar. 16, 1925. Serial No. 15,894. 1 Claim. (Cl. 229—1.5.)

A confection cone comprising a conical paper body portion of double thickness throughout its lower and major portion, and of single thickness at its upper portion, the upper portion being formed as a continuation of the inner layer of the paper cone, and a confection shell of truncated conical form lined and secured to the inner side of the upper portion of the cone, and having its lower portion overlapped by the upper edge of the double thickness lower portion, and a tab free



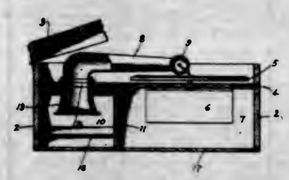
from the layers of the cone and formed integrally as a lateral continuation of the single thickness upper portion.

1,569,569. METAL-CUTTING MACHINE. HENRY PELS, Berlin-Charlottenburg, Germany. Filed Nov. 8, 1924. Serial No. 748,789. 4 Claims. (Cl. 164—57.)



1. A sheet shearing machine of the type described comprising in combination a stationary lower knife, an upper knife holder movable along a straight line, two rockers, a pressure rod for each rocker designed to act upon said upper knife holder, screw bolts rotatably mounted in said upper knife holder, internally threaded sleeves on said pressure rods into which said screw bolts are screwed, and worm wheel gears acting upon said screw bolts for rotating the same for raising and lowering the corresponding rods of said upper knife holder.

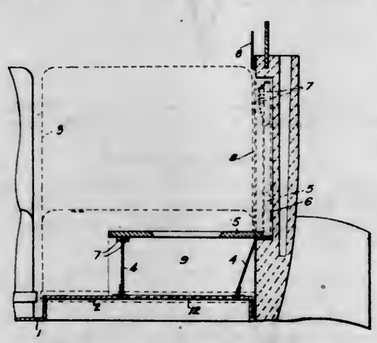
1,569,570. PHONOGRAPH CABINET. JOHN PETERSON, Faribault, Minn. Filed July 22, 1922. Serial No. 576,746. 4 Claims. (Cl. 274—2.)



1. An apparatus of the class described comprising a casing having a compartment therein provided with a compdratively thin flat floor plate supported only at its edges and side walls forming a resonance chamber, a top for said chamber having an opening therein and

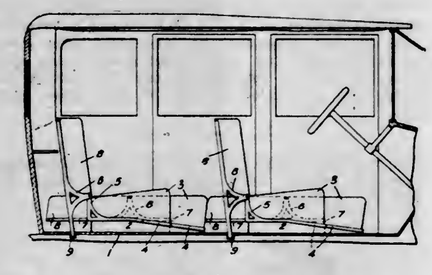
a tone arm fitting over said opening, an extension of said tone arm depending below said top and opening to a point near said plate, said top also having a sound wave discharge opening, the sound waves from said tone arm being directed downwardly by said extension and striking said plate undiminished substantially in volume and at right angles to said plate to cause it to vibrate and increase the volume of such waves and direct them backwardly through said wave discharge opening.

1,569,571. TOILET CONVENIENCE FOR AUTOMOBILES. FRANKLIN JONES PEW, St. Catharines, Ontario, Canada. Filed Oct. 20, 1924, Serial No. 744,828. Renewed Aug. 8, 1925. 2 Claims. (Cl. 4—114.)



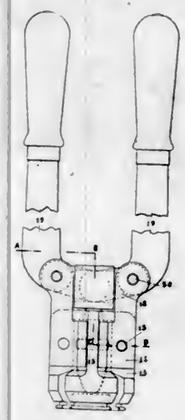
1. In an automobile body, the combination with the floor and one side wall, of a toilet seat hinged to the side wall and adapted to be swung down over an orifice in the floor, double hinged doors normally closing the orifice in the floor, the free edge of one upturned door supporting the turned down toilet seat.

1,569,572. AUTOMOBILE BODY. FRANKLIN JONES PEW, St. Catharines, Ontario, Canada. Filed Oct. 20, 1924. Serial No. 744,829. Renewed Aug. 8, 1925. 4 Claims. (Cl. 296—63.)



1. In an automobile body, a seat base having an upper surface with a substantially horizontal rear portion and a forward portion inclined upwardly from its forward edge to the junction with the rear portion, a seat having a substantially horizontal rear portion and an inclined front portion on its lower surface, the inclination of the forward portion of the lower portion of the seat corresponding with the inclination of the forward portion of the upper surface of the base, a back portion hinged to the seat portion, and means for supporting the back portion in its normal position.

1,569,573. APPARATUS FOR FITTING CAPS TO VESSELS. ANGELO PICCALUGA, Leghorn, Italy. Filed Sept. 24, 1923. Serial No. 664,379. 3 Claims. (Cl. 113—18.)



1. A tool for closing vessels with a flanged and dished cap comprising an expanding mandrel, a wedge member having conical end portions within the expanding mandrel and of such length that it does not contact with the stopper on the cap when moved downwardly, and means for moving the said wedge member relatively to the mandrel.

1,569,574. INDEX DEVICE. JAMES H. RAND, North Tonawanda, N. Y., assignor to Rand Kardex Company, Inc., North Tonawanda, N. Y., a Corporation of Delaware. Filed Dec. 26, 1923. Serial No. 682,641. 10 Claims. (Cl. 129—16.)

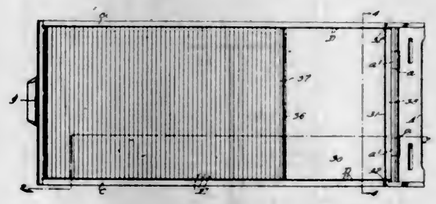


1. An index having a frame provided with a substantially flat back, and means for supporting an index card in the frame comprising a sheath having upwardly diverging front and rear walls united at their lower edges to form a pocket for the reception of the lower marginal portions of the card, the rear wall of the sheath normally disposed parallel to and in substantial contact with the front face of the back of the frame, the card in such pocket being adapted to assume a forwardly inclined position relatively to the back of the frame, the sheath being provided with means for supporting a superposed similar sheath.

1,569,575. RECORD TRAY OR CONTAINER. JAMES H. RAND, Jr., Tonawanda, and LOUIS C. BROECKER, Buffalo, N. Y.; said Broecker assignor to said Rand, jr. Filed Feb. 2, 1924. Serial No. 690,283. 25 Claims. (Cl. 129—16.)

1. In a record device adapted to support a series of record-bearing members in predetermined arrangement, the combination of a part providing a support for said record-bearing members, means for engaging one end

of said series of record-bearing members for limiting movement of said record-bearing members in one direction on said support, said means being removably



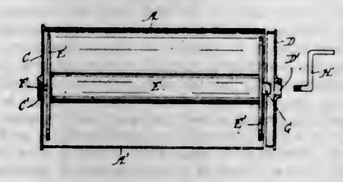
mounted on said support, and movable means for applying pressure to the opposite end of said series of record-bearing members.

1,569,576. SHOE. RALPH L. RAYMOND, Auburn, Me. Filed June 14, 1920. Serial No. 388,886. 2 Claims. (Cl. 36—25.)



1. A shoe sole the ball portion of which is provided with intersecting oblique lines of pricked holes, whereby it is rendered flexible in all directions.

1,569,577. HOLDER FOR WOOL AND LIKE THREAD MATERIALS. ALFRED PETER ROBINSON, Auckland, New Zealand. Filed June 17, 1925. Serial No. 37,815. 2 Claims. (Cl. 232—4.)



1. A holder for wool and other thread materials, comprising in combination, a cylindrical casing having a longitudinal slot in its wall, and a base or pedestal to support it horizontally, and made with a closed end having a bearing formed upon its inside, and with an open end, a cover to fit on such open end having a bearing made therein, and a reel adapted to fit within the casing and constructed with a bearing pin on each end adapted to fit respectively into the bearings on the closed end of the casing and upon its cover end.

1,569,578. MANUFACTURE OF TANNING SUBSTANCES. OTTO RÖHM, Darmstadt, Germany. Filed Mar. 5, 1924. Serial No. 697,155. 7 Claims. (Cl. 149—4.)

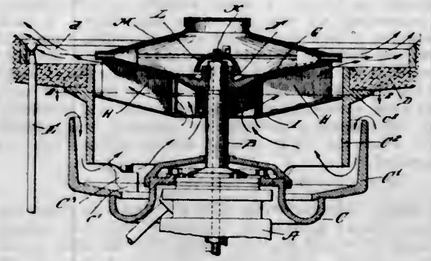
1. The method of manufacturing a tanning substance, consisting in mixing together an iron salt, an alkali metal silicate and sulfite cellulose liquor, substantially as described.

1,569,579. FRICTION LINING. THOMAS M. RUSSELL, Middletown, Conn., assignor to The Russell Mfg. Co., Middletown, Conn., a Corporation. Filed Jan. 2, 1924. Serial No. 683,850. 1 Claim. (Cl. 139—409.)



A thick, narrow ribbon having selvage edges for use in oil-immersed brakes and transmissions, the said ribbon consisting of a facing of cotton threads and a backing of woolen threads, such woolen and cotton thread being interwoven between the two faces of the fabric, whereby the woolen threads, with their relatively-greater, lubricant-diffusing ability, carry the lubricant forward into the cotton threads, which are thus kept lubricated and prevented from undue wear and charring, the matting and hardening of the friction cotton threads being also reduced.

1,569,580. OIL-DISTRIBUTING HEAD FOR ROTARY OIL BURNERS. JOHN SCHEMINGER, Jr., Providence, R. I., assignor to Aetna Automatic Oil Burner, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 17, 1924. Serial No. 707,266. 9 Claims. (Cl. 158—77.)



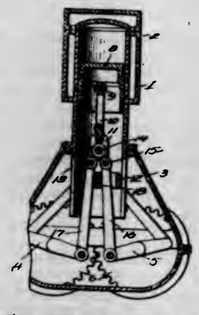
1. In combination with a cylindrical burner member depending into and spaced from a subjacent annular member constructed to provide an air passage between it and said cylindrical member leading downwardly into the latter member, an oil distributing head revolubly mounted within the upper part of said cylindrical member; said head comprising upper and lower rotary plates of substantially dish-shaped form secured together with the concave surfaces thereof confronting so as to provide an unobstructed annular space therebetween and converging toward the peripheral portions which are spaced apart so as to provide a restricted peripheral passage for oil; said lower plate having fan blades on its under side extending at an angle to the radius of the plate and arranged within said cylindrical member so as to draw air upwardly and force it out between said blades underneath and up into a film of oil discharged at the periphery of said rotary plates; said plates and fan blades being supported on a vertical shaft, and a feed pipe for discharging oil into said space.

1,569,581. PLIERS. CHARLIE W. SCOTT, Lincolnton, Ga. Filed Jan. 6, 1925. Serial No. 919. 5 Claims. (Cl. 294—36.)



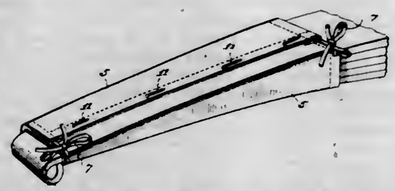
1. A tool comprising a shank having a jaw and a handle, a second jaw movably carried by the shank, and a second handle slidable into and out of operative engagement with the said second jaw.

1,569,582. INTERNAL-COMBUSTION ENGINE. CHARLIE W. SCOTT, Lincolnton, Ga. Filed Feb. 14, 1925. Serial No. 9,210. 2 Claims. (Cl. 74—14.)



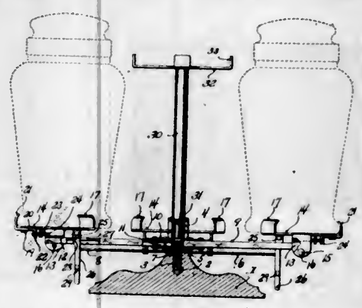
1. In an engine structure of the type specified, an elongated cylinder the wall of which is provided at its lower end with diametrically opposite slots opening through the bottom, a piston slidable in said cylinder, a connecting rod pin carried by said piston, a stem connected to said pin, spaced arms depending from said stem and provided at their lower ends with substantially arcuate shoes in slidable contact with the opposed walls of the cylinder, a triangular connector connected with said arms, connecting rods connected with said connector, and intergeared simultaneously operated crank shafts with which the lower ends of said connecting rods are connected.

1,569,583. LEAF-SPRING OILER. HIRAM H. SHELTERS and HARLEY A. BASHAW, Burlington, Vt.; said Bashaw assignor to said Shelters. Filed Nov. 23, 1921, Serial No. 517,264. Renewed May 22, 1924. 4 Claims. (Cl. 267—37.)



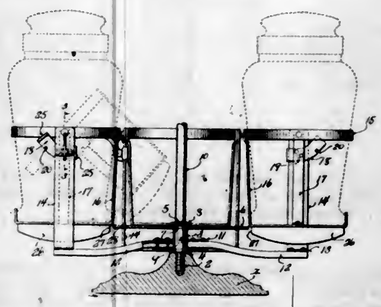
1. An oiling envelope for springs consisting of a main water-proof fabric having a draw-string attached to each end and having also a stiffening member attached to one of its longitudinal edges, an oil-pad attached to the inner face of said fabric, and a flap attached to the inner face thereof and carrying fastening devices adapted to engage the stiffened edge of said main fabric, for the purpose set forth.

1,569,584. DISPLAY JAR STAND. LAMAR H. SHOVER, Milwaukee, Wis. Filed Dec. 22, 1924. Serial No. 757,463. 3 Claims. (Cl. 211—20.)



2. A jar display stand comprising a base, a spindle carried thereby, a revoluble member pivotally supported by said spindle and having outwardly projecting arms, a tilting plate pivotally carried at the outer ends of each of said arms, and having jar retaining means thereon, a latch for locking said plate temporarily in horizontal position, and means carried by said display stand for permitting unlatching of said latches at a predetermined point only.

1,569,585. DISPLAY JAR STAND. LAMAR H. SHOVER, Milwaukee, Wis. Filed Dec. 22, 1924. Serial No. 757,464. 1 Claim. (Cl. 211—20.)

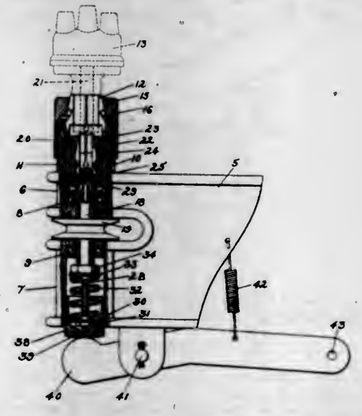


A display stand for jars comprising a base, a revoluble member carried thereby, a plurality of upwardly extending spaced arms secured to said revoluble member, jar receiving baskets pivoted between said arms, latches for locking said baskets in vertical or tilting positions, a fin carried by the lower end of each of said baskets, and a circular plate rigidly locked with reference to said base and having its peripheral portion in proximity to said fins to prevent unauthorized tilting of said baskets, said plate having a notch through one portion of its periphery adapted to receive a fin and permit tilting of a basket when said basket occupies a predetermined position.

1,569,586. IGNITER-TESTING DEVICE. ERNEST H. SIPPEL and HAROLD A. HANCOX, Toledo, Ohio, assignors, by mesne assignments, to The Electric Auto-Lite Company, Toledo, Ohio, a Corporation of Ohio. Filed Aug. 27, 1920. Serial No. 406,467. 9 Claims. (Cl. 73—51.)

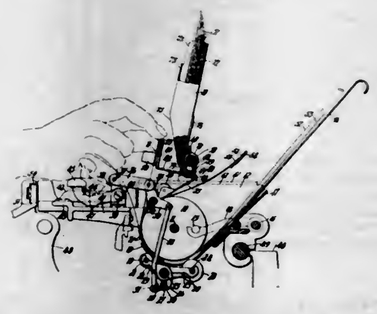
1. In an igniter testing device, the combination of a frame, a clutch carried thereby adapted to engage and hold the frame or casing of an igniter, a shaft rotably

mounted in said frame, a clutch at one end of said shaft adapted normally to engage the shaft of said igniter,



means for rotating said first-mentioned shaft and manually controlled means for releasing said clutch during the rotation thereof.

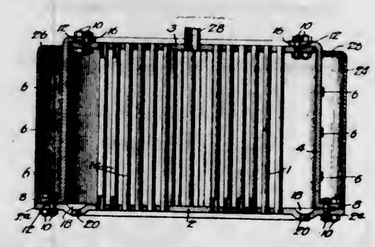
1,569,587. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 30, 1923. Serial No. 671,631. 13 Claims. (Cl. 197—138.)



1. In a typewriting machine, a platen, a platen-frame, a carriage for the platen-frame having side pieces and a front cross-piece, feed-rolls to co-operate with the platen, and means to release the feed-rolls, comprising a bar extending lengthwise of the carriage, arms for supporting the bar, a shaft for pivotally supporting the arms, and bearing pieces for the shaft, one on one of the carriage side pieces and one on the carriage front piece.

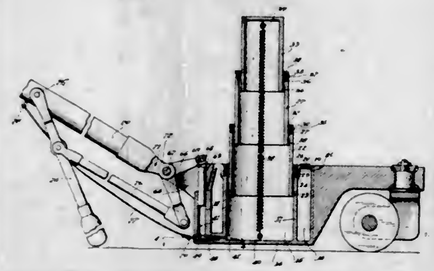
1,569,588. STEAM BOILER. JAMES M. SPAINKEL, Aurora, Ill. Filed Aug. 23, 1920. Serial No. 405,374. 1 Claim. (Cl. 122—114.)

In a device of the class described, a lower head, an upper head of less diameter than the lower head, tubes having their ends mounted in the heads, an inner shell surrounding the upper head and provided at its upper end with an inwardly extended annular flange overlapped on the outer surface of the upper head, the shell being provided at its lower end with an outstanding annular flange resting on the lower head, the periphery of the said flange being spaced from the periphery of the lower head to form a shoulder, securing devices connecting the first specified flange of the shell with the upper head, securing devices connecting the last specified flange of the shell with the lower head, an outer shell resting on



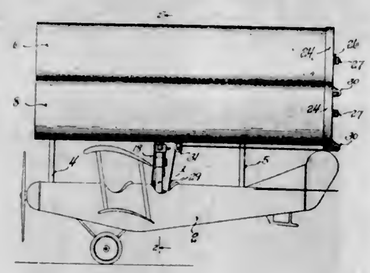
the shoulder and engaged with the periphery of the last specified flange, the outer surface of the outer shell being substantially flush with the outer edge of the lower head, the outer shell being provided at its upper end with an inwardly extended flange engaging the inner shell in a plane substantially coincident with the upper head, the lower head being provided with an annular depression located closely adjacent to the inner shell, and means for draining the depression.

1,569,589. HYDRAULIC JACK. CHARLES S. STOCKER, Los Angeles, Calif., assignor to J. M. Brennan, Los Angeles, Calif. Filed July 9, 1924. Serial No. 724,970. 1 Claim. (Cl. 138—9.)



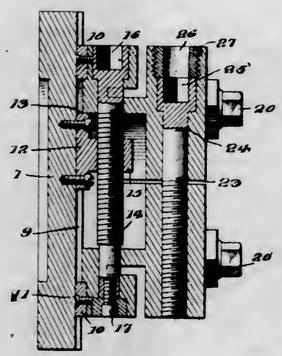
A hydraulic jack comprising a main frame mounted on casters and having a central housing forming a central chamber open at the top and an annular enclosed chamber around the central chamber, a tongue pivotally connected to the frame, a bell crank lever mounted upon the pivot, a pump cylinder, a piston in the pump cylinder and connected to the bell crank lever, a hand lever mounted upon the free end of the tongue, a link connecting the hand lever to the bell crank lever, means forming connections between the central chamber, the annular chamber and the pump cylinder so as to pump a liquid from the annular chamber to the central chamber, a plurality of telescoping cylinders mounted in the central chamber and adapted to be raised by the fluid pumped into the central chamber, and there being means for allowing the fluid to flow back from the central chamber to the annular chamber and allow the cylinders to descend.

1,569,590. SAFETY DEVICE FOR AEROPLANES. JOHN B. THELEN and PETER L. BOULICAULT, Milwaukee, Wis. Filed Sept. 26, 1925. Serial No. 58,808. 4 Claims. (Cl. 244—21.)



1. The combination of an aeroplane, a frame extending therefrom, a safety appliance carried by said frame and consisting of a tube open at both ends to normally permit the passage of air therethrough, a parachute normally folded within said tube, and means to render said passage of air effective to project the parachute from the tube.

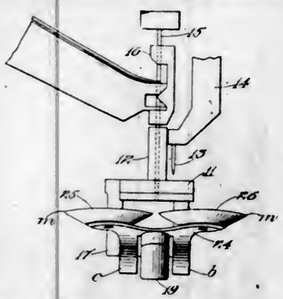
1,569,591. CHUCK. BERNARD G. TULLGREN, Brooklyn, N. Y. Filed June 19, 1923. Serial No. 646,424. 2 Claims. (Cl. 279—6.)



1. A device of the character described comprising a base plate having a groove formed in one side thereof, a chuck arranged on the side of said base plate having said groove, guide blocks carried by said chuck and received in said groove, a screw block arranged in said groove and attached to said base plate, means carried by said chuck and operable through said screw block for adjusting the chuck to an eccentric position with relation to said base plate, said screw block arranged for engaging said chuck to stop the adjustment thereof past a concentric position with relation to said base plate.

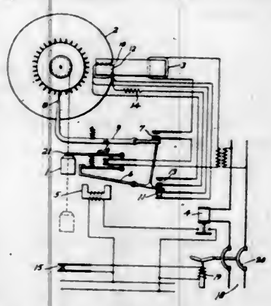
1,569,592. GAUGE FOR BOOT AND SHOE MACHINES. GERALD E. TURNER, Lynn, Mass., assignor to A. E. Little Company, Lynn, Mass., a Corporation of Massachusetts. Filed Feb. 14, 1921. Serial No. 444,714. 3 Claims. (Cl. 1—19.)

3. The improved gauge for boot and shoe machines comprising a support, two freely rotatable disks mounted on said support, a mounting for said support on which the support is pivoted to swing in a plane at right angles



to the axes of rotation of the disks and means for limiting the movement of the support on said pivot.

1,569,593. RELAY. PETRUS KLAAS VAN DER STERR, Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 29, 1921. Serial No. 496,673. 6 Claims. (Cl. 175—294.)



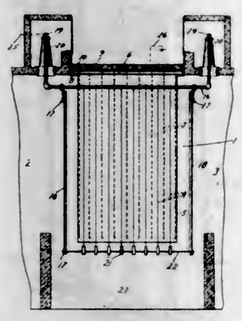
6. A relay comprising contacts, a rotatable disc for actuating the same, mechanical means for driving the disc to operate said contacts, and means including a magnetizable core member having a winding thereon for restraining the contact operating movement of said disc and for resetting the disc to normal.

1,569,594. FOUNTAIN DRAWING PEN. ANTHONIUS MARINUS VAN DOORN, Utrecht, Netherlands. Filed Oct. 15, 1924. Serial No. 743,764. 4 Claims. (Cl. 120—43.)



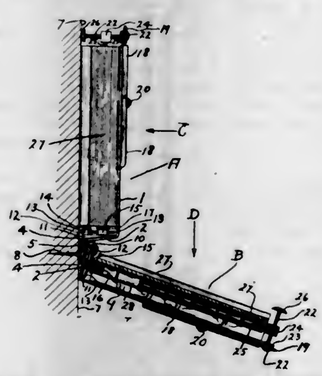
1. In a fountain drawing pen of the class described, an ink reservoir, a feed pipe fitted into the end of said reservoir and having a central bore, a pair of pen members carried by the feed pipe, and said feed pipe having the discharge end thereof partly cut away on opposite sides to correspond to the form of the pointed portions of the pen members, and a stylus member arranged in the hollow bore of the feed pipe and having the point thereof projecting through the cut away portions at the end of the feed pipe and lying between the tips of said pen members.

1,569,595. APPARATUS FOR ELECTRICAL PRECIPITATION OF SUSPENDED MATERIAL FROM GASES. FLOYD H. VIETS, Alhambra, Calif., assignor to International Precipitation Company, Los Angeles, Calif., a Corporation of California. Filed Apr. 13, 1925. Serial No. 22,848. 9 Claims. (Cl. 183—7.)



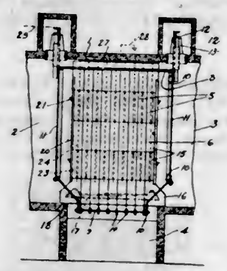
1. A collecting electrode plate for use in electrical precipitators comprising an integral plate of semi-conducting material, a metallic supporting member extending along the upper edge of said plate, and metallic re-enforcing and conducting members extending vertically within said plate and secured at their upper ends to said metallic supporting member and extending substantially throughout the height of said plate.

1,569,596. BOOKREST. WILLIAM JAMES WALSH, Hamilton, Ontario, Canada. Filed Feb. 27, 1925. Serial No. 12,141. 2 Claims. (Cl. 45—82.)



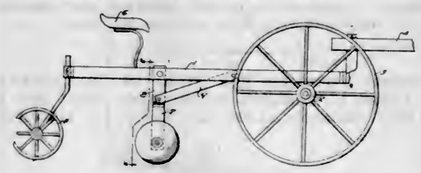
1. A book rest comprising a flat plate, an angularly disposed flange along one edge thereof, a hinge carried by said flange along the edge thereof remote from said plate for attaching the rest to a supporting wall, a spring operatively associated with said hinge, opposed, aligned journals supported respectively adjacent to the aforesaid flange and the edge of the plate remote from said flange, said journals disposed intermediately of the width of the rest and in spaced relation above the plate, screw means for adjusting the journals perpendicularly to the plate, means permitting adjustment of one of the journals axially, a rigid member rotatably supported between said journals, and spaced apart screws projecting through said rigid member from one side thereof and adapted to engage the back of a book to be carried by the rest.

1,569,597. APPARATUS FOR ELECTRICAL PRECIPITATION OF SUSPENDED MATERIAL FROM GASES. CHARLES H. WEISKOPF, Hawthorne, Calif., assignor to International Precipitation Company, Los Angeles, Calif., a Corporation of California. Filed Apr. 13, 1925. Serial No. 22,849. 5 Claims. (Cl. 183—7.)



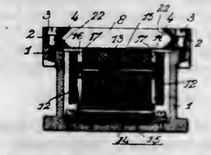
1. An apparatus for electrical precipitation of suspended material from gases containing the same comprising discharge electrode means and collecting electrode means, said discharge electrode means comprising members of relatively small cross-section extending parallel to one another, and said collecting electrode means comprising a plurality of plate sections of semi-conducting material, metallic re-enforcing and conducting members embedded in said semi-conducting material in each of said sections and extending parallel to said discharge electrode means, and said conducting and reenforcing members in adjacent sections engaging one another at their ends so as to provide continuous conducting and re-enforcing means for said collecting electrode.

1,569,598. ATTACHMENT FOR LISTERS. JAMES W. WESLEY, Happy, Tex. Filed May 22, 1923. Serial No. 640,773. 1 Claim. (Cl. 97—129.)



A lister attachment comprising a U-shaped frame provided at its end with outstanding extremities, disks journaled upon the extremities and having their cutting edges disposed in planes which are anti-clined with relation to each other, brackets mounted upon the intermediate portions of the frame at points spaced from the ends thereof and upwardly and forwardly inclined braces connected with the intermediate portions of the bracket.

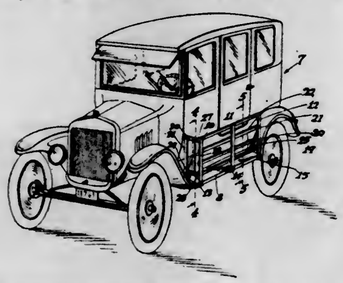
1,569,599. ELECTROMAGNETIC CHUCK. WALTER ZEHNDER, Granichen, Switzerland. Filed Oct. 5, 1921. Serial No. 505,677. 2 Claims. (Cl. 175—367.)



1. In an electromagnetic chuck, a flat, composite plate composed of sets of laminations of dynamo sheet alternating with non-magnetic material, said laminations ar-

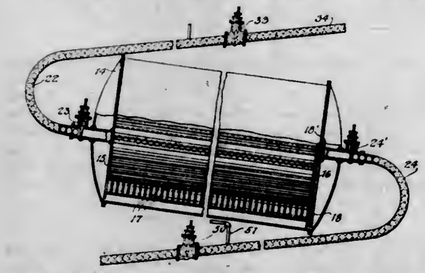
ranged transversely of the flat plate, said plate having opposite wedge-shaped edges, means at the ends of the plate to hold the composite plate compressed with a force sufficient to prevent the passage of water between the laminations under all conditions of expansion and contraction incident to the use of the chuck, and longitudinal bars having V-shaped recesses in which the wedge-shaped edges of the plate fit and are held watertight.

1,569,600. COMBINATION CAMP TABLE, LUGGAGE CARRIER, AND CHILD'S BED. CHARLES H. ALLBRIGHT, Santa Margarita, Calif., assignor of one-half to Paul A. Barlow, Santa Margarita, Calif. Filed May 29, 1924. Serial No. 716,769. 2 Claims. (Cl. 5—119.)



1. A combined luggage holder, table and bed adapted to be hingedly secured to the running board of an automobile, comprising a main frame, including bars arranged at right angles to each other, a brace provided with a hinge and having one end permanently attached to the upper face of said main frame and the other end detachably secured to the running board when the said main frame is in vertical position and an auxiliary frame hingedly secured to said main frame and adapted to fold at right angles to said main frame, and an extension on said auxiliary frame having a hinge adapted to be detachably secured to said running board.

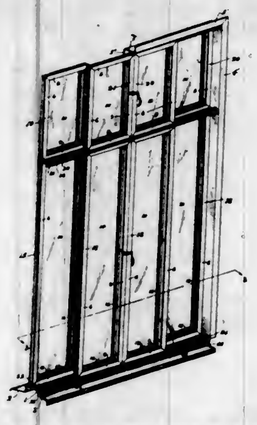
1,569,601. COOKER FOR FOOD IN CONTAINERS. ALFRED L. ANDERSON, Seattle, Wash. Filed May 1, 1925. Serial No. 27,205. 20 Claims. (Cl. 126—272.)



1. In a cooker for food in containers, a boiler, a chute for containers, a valve controlling communication between the boiler and one end of the chute, a valve adapted to close the other end of the chute, positive means for opening said valves in timed relation to each other, and non-positive means for closing said valves.

1,569,602. WINDOW. AMELIA E. ANDERSON, Cincinnati, Ohio. Filed Dec. 23, 1922. Serial No. 608,627. 4 Claims. (Cl. 189—64.)

2. In a window, a steel frame comprising a head, jambs and sill, U-shaped tracks having lateral flanges and mounted on said head and sill, respectively, and a channeled sidewise slidable sash having rollers in its channel to engage the track, stationary sashes mounted



in said frame parallel with said sidewise slidable sashes and weather-strips mounted on said sashes to form tight joints therebetween.

1,569,603. SMOKER'S STAND. WALKER G. ANDERSON, Seattle, Wash., assignor of one-half to Charles D. C. Huestis, Seattle, Wash. Filed July 1, 1924. Serial No. 723,461. 4 Claims. (Cl. 131—51.)



1. A smoker's stand comprising a base member, a hollow column extending upwardly therefrom, a bowl member mounted upon said column, an ash receptacle provided within said column, a spring located in said base below the receptacle, a hopper adapted to extend into said bowl member, and means for retachably connecting said hopper to the bowl member for securing the receptacle in the column between the hopper and said spring.

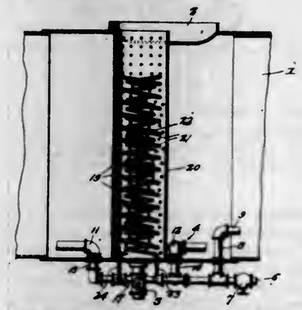
1,569,604. INDUCTANCE. EDWARD F. ANDREWS, Chicago, Ill. Filed Dec. 31, 1924. Serial No. 758,986. 2 Claims. (Cl. 175—359.)

1. A supporting device for an electrical inductance comprising a disc, the periphery of which is provided with a plurality of substantially radial slots, a plurality of dielectric plates adapted to fit snugly in the said radial slots of said disc, each plate being also slotted so



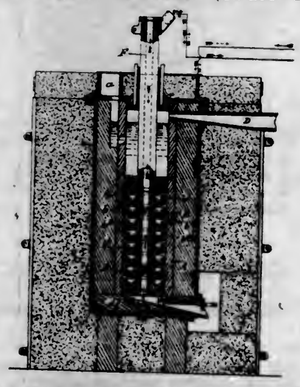
as to mortice over the said disc, and wires of an electrical inductance supported by the external edges of said plates.

1,569,605. TANK-CAR HEATER. HORACE W. ASH, Winchester, Mass. Filed June 15, 1923. Serial No. 645,619. 8 Claims. (Cl. 257—207.)



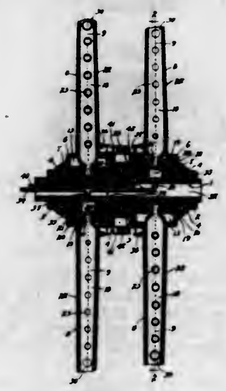
1. In combination, a tank adapted to contain a substance which is normally solid and which becomes fluid under heat treatment, means for heating the lower portion of said tank to render the substance in the tank fluid, an upwardly extending discharge tube arranged in said tank and of a height sufficient to direct discharge material from various levels in said tank, means arranged in the tube for permitting the passage of material at various levels from the tank into the tube, and means for maintaining the interior of said tube in heated condition, so that the material may readily pass through the same.

1,569,606. APPARATUS FOR ELECTROLYZING FUSED SALTS OF METALS AND RECOVERING THE METALS AND ACID RADICLES. EDGAR ARTHUR ASHCROFT, London, England. Filed Feb. 6, 1924. Serial No. 690,969. 15 Claims. (Cl. 204—19.)



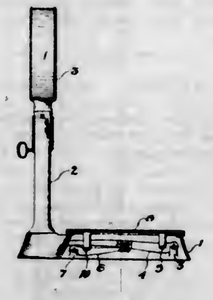
1. The method of effecting electrolysis of a light metal which comprises alloying the same with a heavy metal, decomposing the fused alloy simultaneously at electrolytic couples in electrical series below the surface of the fused electrolyte, and removing the light metal at the top of the melt.

1,569,607. COMBINED EXPLOSIVE MOTOR AND PROPELLER. MICHAEL BECK, Minneapolis, Minn. Filed Oct. 13, 1920. Serial No. 416,744. 12 Claims. (Cl. 60—41.)



2. An explosive motor comprising a rotary abutment arm, said arm having a plurality of open-ended chambers formed therein increasing in size progressively from the axis of rotation, means for supplying an explosive mixture at one end of said chambers and means for firing said chambers in succession to rotate said arm.

1,569,608. PIVOT BEARING. HARRY S. BERGEN, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Mar. 22, 1920. Serial No. 367,608. 9 Claims. (Cl. 265—71.)

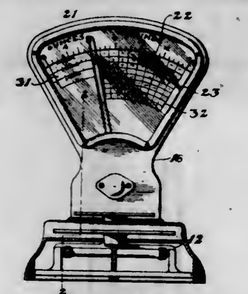


1. In a device of the class described, in combination, a bearing member having a V-shaped central portion and substantially horizontally-extending end portions, and link members having inwardly convexly curved portions engaging said end portions.

1,569,609. WEIGHING SCALE. HARRY S. BERGEN, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed July 22, 1920. Serial No. 398,049. 10 Claims. (Cl. 265—36.)

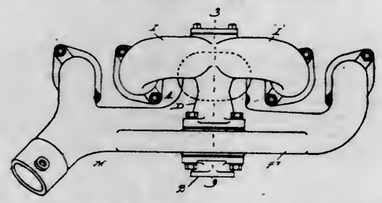
1. In a weighing scale, in combination, automatic load-offsetting mechanism, an indicator connected thereof, a

pair of commodity-receivers located before said indicator, and means unequally and oppositely connecting said



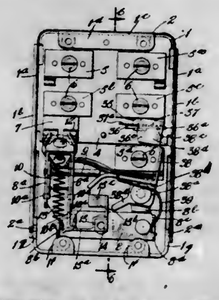
commodity-receivers to said automatic load-offsetting mechanism whereby loads on said platform move said indicator in opposite directions.

1,569,610. METHOD AND APPARATUS FOR EQUALIZING EXPLOSIVE CHARGES IN THE DIFFERENT CYLINDERS OF MULTICYLINDER ENGINES. ALANSON P. BAUSH, Detroit, Mich. Filed Mar. 5, 1920. Serial No. 363,490. 6 Claims. (Cl. 123—52.)



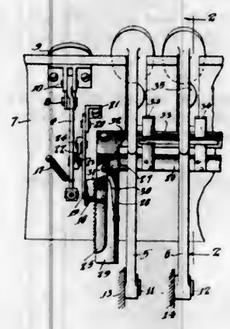
1. The combination with a multi-cylinder internal combustion engine provided with more than two cylinders, of an intake conduit symmetrically sub-divided into separate branches leading to the respective cylinders, and means for symmetrizing a stream of explosive mixture passing through said conduit in advance of the subdivision thereof said means including a restriction in said conduit.

1,569,611. ELECTRIC CONTROLLER. FREDERIC HENRY BULLINGER, Yonkers, N. Y., assignor to Ward Leonard Electric Company, a Corporation of New York. Filed July 29, 1921. Serial No. 488,285. 5 Claims. (Cl. 290—35.)



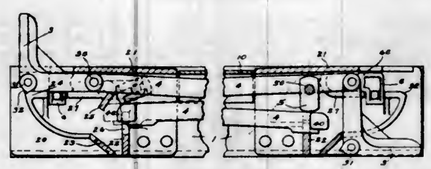
1. The combination of a dynamo, battery, gas engine, and an electric controller therefor, comprising a base plate, terminals carried thereby, a manually operated main switch carried by said base plate for closing and opening a circuit including the dynamo and battery, a manually operated ignition switch carried by said base plate, a cover plate, an electric magnetic device carried by said cover plate for automatically closing and opening the circuit between the dynamo and battery.

1,569,612. TROTTLE CONTROL FOR AUTOMOBILES. ALLEN BURROWS, Los Angeles, Calif. Filed Dec. 13, 1924. Serial No. 755,665. 10 Claims. (Cl. 74—89.)



1. A throttle control for automobiles comprising, a throttle operating member shiftable in different planes, means to releasably hold the throttle operating member in different positions when in one of said planes, movement of the operating member from the first mentioned plane releasing it from the holding means, a pedal, means operated by depression of the pedal to release the operating member holding means when the operating member is in the first mentioned plane, and a spring to retract the throttle operating member when said member is released.

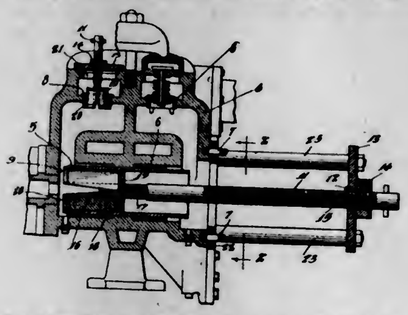
1,569,613. FILLER FOR LOG BUNKS. FREDERICK W. CHRISWELL, Seattle, Wash., assignor to Pacific Car and Foundry Company, Seattle, Wash., a Corporation of Washington. Filed Jan. 27, 1925. Serial No. 5,056. 10 Claims. (Cl. 105—384.)



1. A stake holding frame for use in log bunks comprising side walls and connecting tie members, flanges extending horizontally inward from the side walls and lengthwise of the frame to form stake pivot guides, said flanges being notched outwardly of the stake-pivoting point for the reception of a pivot stop, and a notched transverse member adapted for holding the stake controlling bar.

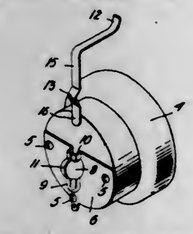
1,569,614. PULLER FOR PUMP LINERS AND VALVE SEATS. WILLIAM H. CLARK, Whittier, Calif. Filed Aug. 27, 1924. Serial No. 734,422. 2 Claims. (Cl. 29—88.2.)

1. A puller of the character described comprising an expansible unit formed from a number of separate jaws, said jaws having threaded portions substantially forming a circle at one end of the expansible unit, the jaws being reduced toward the other end of the unit, a screw engaging the screw threads, a support, a nut on the screw engaging the support, the smaller ends of the jaws



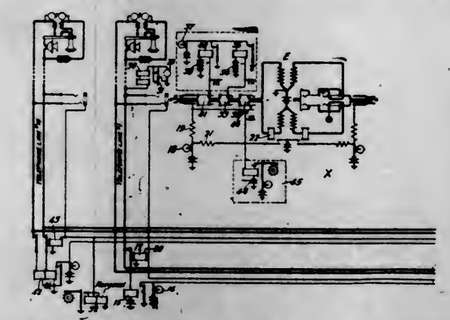
having shoulders to engage the member that is to be pulled, and means to hold the jaws assembled on the screw.

1,569,615. TELEPHONE APPARATUS. HARRY B. CLARKE, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Jan. 9, 1924. Serial No. 685,163. 3 Claims. (Cl. 179—156.)



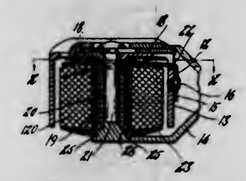
1. In combination, a telephone receiver, a plate attached to the back of said receiver, said plate having a split boss extending to one edge thereof, and a head band provided with a hump cooperating with said boss whereby it is rotatably and detachably secured between said plate and the back of said receiver.

1,569,616. ELECTRIC SIGNALING SYSTEM. ROY D. CONWAY, Basking Ridge, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 7, 1921, Serial No. 506,085. Renewed June 20, 1925. 19 Claims. (Cl. 179—50.)



2. In a signaling system, a plurality of lines, a station wherein said lines terminate, a second station, a trunk circuit interconnecting said stations, means for connecting one of said lines to said trunk, signaling devices at the second station, one for each of said lines, and a circuit arrangement involving a Wheatstone bridge adapted to cause the operation of the signaling device corresponding to the line connected to the trunk circuit.

1,569,617. SEWING-MACHINE SHUTTLE. ROBERT N. CORTHELL, Auburn, Me. Filed Feb. 27, 1925. Serial No. 11,985. 1 Claim. (Cl. 112—233.)



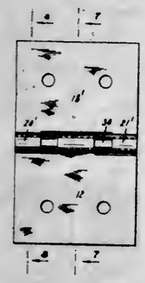
A rotary sewing machine shuttle which includes a body having an end thrust bearing, a bobbin case engaged with the body and provided with a center post on which a bobbin inserted in the case is rotatable, the free end of said post being adjacent the thrust bearing on the body, a substantially T-shaped member having its head portion conforming to the curvature of and secured against the outer face of the side wall of the bobbin case, one arm of said head constituting a thread tensioning means, and the stem of said member extending through an opening in the wall of the bobbin case in position to bear on the inner end face of a bobbin therein and press the bobbin against the thrust bearing on the body.

1,569,618. BOBBIN-CONTROLLING ADJUNCT FOR SEWING-MACHINE-BOBBIN CASES. ROBERT N. CORTHELL, Auburn, Me. Filed Mar. 17, 1925. Serial No. 16,198. 1 Claim. (Cl. 112—233.)



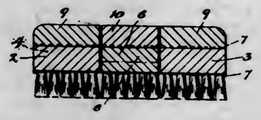
A bobbin-controlling adjunct for a sewing-machine bobbin case, having openings in its head at one end, and a thrust bearing at the other end, said adjunct comprising a flat disk formed to enter the bobbin-receiving cavity of the bobbin case and bear on substantially the entire inner end face of a bobbin in said cavity, the disk having a central orifice adapted to receive a center post of the bobbin case, a continuous periphery concentric with the orifice and maintaining the flat form of the disk, and inclined spring tongues integral with the disk, extending inward from points at opposite marginal portions of the disk and within the periphery of the latter, said tongues having free end portions offset from the disk and from the central orifice, and arranged to bear on the central portion of the head at points between the center post of the bobbin case and the openings in the head, the tongues being adapted to move on the head without interference with the margins of said openings, and to press the disk against the bobbin, and the bobbin against said end thrust bearing at the outer end of the cavity, the tongues being wholly within the periphery of the disk, so that said periphery is uninterrupted and the inner side of the disk has a flat, substantially continuous surface adapted to bear on the inner end face of the bobbin.

1,569,619. HINGE. JACOB CRANZLER, New York, N. Y. Filed Apr. 22, 1924. Serial No. 708,166. 1 Claim. (Cl. 16—191.)



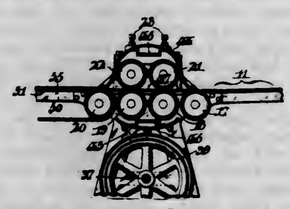
A hinge comprising two leaves, a single knuckle centrally located on one of said leaves, a pair of knuckles on the other one of said leaves between which said single knuckle is disposed, said second-mentioned leaf bein provided with a transverse slot in rear of its knuckles, thereby providing a pintle between the knuckles thereof, the knuckle of said first-mentioned leaf being extended through said slot and around said pintle, two shoulders on said central knuckle, and a shoulder on each of said pair of knuckles for co-operation with a shoulder on said central knuckle, said shoulders being spaced when said hinge is closed and adapted to abut against each other in the opening movement of said hinge so as to limit the opening of the hinge.

1,569,620. BRUSH. HENRY JAMES STEWART CROSS, Toronto, Ontario, Canada. Filed Jan. 15, 1925. Serial No. 2,627. 2 Claims. (Cl. 15—159.)



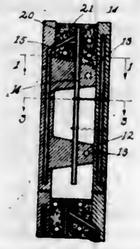
1. A polishing device comprising two weighted brushes laterally spaced apart; a movable weighted brush located in the space between said first-mentioned brushes, means holding said first-mentioned brushes in fixed spaced relationship and bridging the space therebetween at each end thereof, and means carried by said holding means and co-acting with the ends of said movable brush to permit of the free limited vertical movement thereof, for the purpose specified.

1,569,621. PRESSING AND FINISHING MACHINE. THOMAS H. DE LACY, Trenton, N. J. Filed Jan. 29, 1923. Serial No. 615,496. 10 Claims. (Cl. 68—9.)



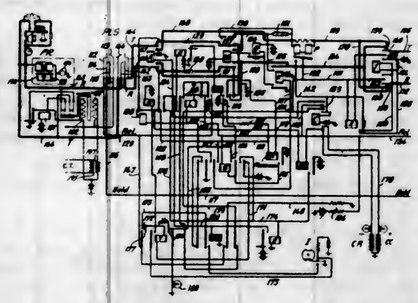
1. A pressing and finishing machine for knitted wear, including successively operable pressing elements, each comprising co-active rollers adapted to exert relative heavy pressure upon articles introduced therebetween, in cooperation with means actuating the pressing elements to slowly progress the articles, heat retaining enclosures positioned above and below the pressing elements, and heating means within said enclosures to warm the rollers by radiation.

1,569,622. CONCRETE CONSTRUCTION. ALBERT ORLAN DOLSON, Imperial, Calif. Filed Feb. 19, 1923. Serial No. 620,103. 8 Claims. (Cl. 72—30.)



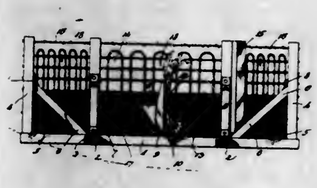
1. A building wall comprising inner and outer walls formed of concrete slabs, horizontal ribs formed integral with said slabs some distance below their upper edges and extending completely across the opening between the inner and outer walls, said horizontal ribs constituting beam soffits whereby a continuous beam may be poured thereon between the portions of the inner and outer walls thereabove.

1,569,623. PAY-STATION TELEPHONE SYSTEM. BERT G. DUNHAM, Hawthorne, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 1, 1923. Serial No. 655,028. 9 Claims. (Cl. 179—6.3.)



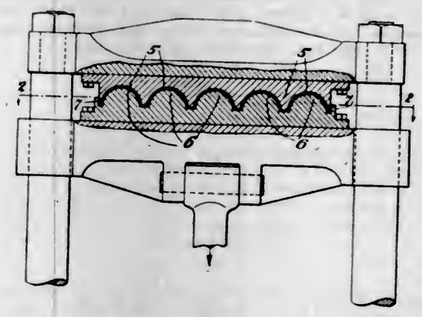
1. In a telephone system, telephone lines, check controlled devices associated therewith, an operator's position, automatic switches and trunks for extending connections from said lines to said position, means controlled from said position for rendering an established connection metallically continuous between a calling line and said operator's position, mean controlled by said operator for governing the operation of said device of the calling line over said connection, and means for automatically operating said device in case the operator fails to do so.

1,569,624. POISONED-FOOD CORRAL. PETER ERICKSON, Ogema, Saskatchewan, Canada. Filed Mar. 11, 1925. Serial No. 14,833. 5 Claims. (Cl. 43—107.)



1. A device of the type described comprising a frame, a fence supported by said frame and providing an inclosure, and a bait holder centrally of said frame, said bait holder including a foldable upright and a container carried thereby.

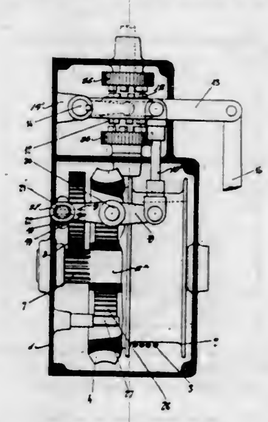
1,569,625. METHOD OF MOLDING PLASTIC MATERIALS. WILLIAM J. GAVEN, Wilkes-Barre, Pa., and MICHAEL FRIED, Mount Vernon, N. Y.; Mary E. Gaven administratrix of said William J. Gaven, deceased. Filed Aug. 15, 1923. Serial No. 657,555. 3 Claims. (Cl. 18—55.)



1. A method of molding composition materials usually made porous at its outer surface by the prolonged application of heat to form a commercial article having a wall provided with a smooth non-porous exterior surface which consists in first applying the plastic composition material upon the male die member of a molding apparatus, and then subjecting the material to momentary pressure between the wall of said male die member and a complementary female member whereby the outer surface of the molded article formed by the latter die member is in contact with the wall thereof for a relatively short period of time.

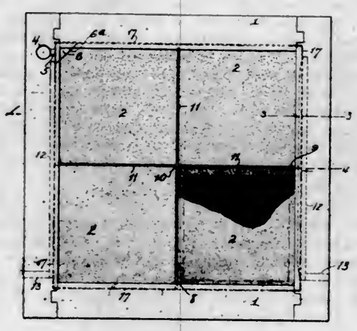
1,569,626. AUTOMATIC LIFTING WINDLASS. PAUL GAUTHIER, Courbevoie, France. Filed June 21, 1924. Serial No. 721,538. 7 Claims. (Cl. 254—173.)

4. A windlass, comprising a winding drum, a drive shaft, a worm gear for rotating said drum slidable axially on said shaft and rotating therewith, means for limiting the sliding movement of the worm in both directions, a clutch device for controlling the direction of rotation of the drive shaft and including a movable clutch sleeve, an operating element for shifting said sleeve in either direction, a worm wheel fixed to said drum to rotate therewith and immediately engaged by the worm, a spring engaged with said drum to return the same and the worm wheel to normal position and to hold the worm in its upper position, a fixed element



with which the worm is engaged at a predetermined point in its movement on the shaft, and a spring for moving said worm in one direction.

1,569,627. FILTER. DALTON M. GOETSCHIUS, Canonsburg, and LOUIS F. VOGT, Washington, Pa., assignors to Standard Chemical Company, Pittsburgh, Pa. Filed Aug. 25, 1922. Serial No. 584,378. 13 Claims. (Cl. 210—188.)

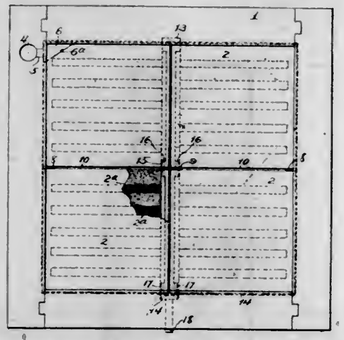


5. In a filter of the character described, the combination of two filter stones forming a filter chamber between them, each of said filter stones comprising a fine-grain body having an interior chamber closed at one end and open at the other, and means forming a discharge for filtrate escaping from the open end of said interior chamber.

1,569,628. FILTER. DALTON M. GOETSCHIUS, Canonsburg, and LOUIS F. VOGT, Washington, Pa., assignors to Standard Chemical Company, Pittsburgh, Pa. Filed Aug. 25, 1922. Serial No. 584,379. 8 Claims. (Cl. 210—188.)

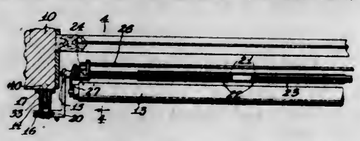
1. In a filter of the character described, the combination of a plurality of units each comprising a frame and a plurality of filter stones disposed in the plane of the frame and edge to edge, the filter stones of adja-

cent units forming a filter chamber between their opposed side faces, means for feeding mixed liquids and solids to said filter chamber, and intermediate filtrate



discharge passages between the inner opposed edges of adjacent filter stones and into which the stones discharge through their inner edge portions.

1,569,629. ADJUSTABLE SHADE-ROLLER SUPPORT. JOHN D. GOOD, Hoboken, N. J. Filed Sept. 29, 1924. Serial No. 740,475. 6 Claims. (Cl. 156—27.)



1. A device for adjustably supporting shade rollers comprising spaced guide rails, a substantially U-shaped frame, the side members of which are provided with bearings movable longitudinally of said guide rails and the crosshead of which is composed of telescoping parts to compensate said frame for the size of the shade roller, shade roller supporting members adjustable on the crosshead of said frame and keyed against rotation thereon, a rod in threaded engagement with said members and adapted to couple the same together and to adjust said members toward and from each other.

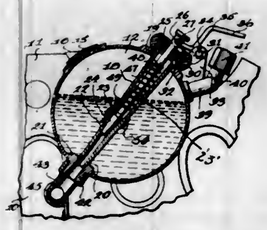
1,569,630. ELECTRON-DISCHARGE DEVICE. THOMAS R. GRIFFITH, Dover, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 12, 1923. Serial No. 680,169. 5 Claims. (Cl. 250—27.)



1. In an electron discharge device, an apertured member, a groove adjacent said aperture, a supporting rod having a projection positioned in said groove, and a cement enclosing said projection of said supporting rod in said groove.

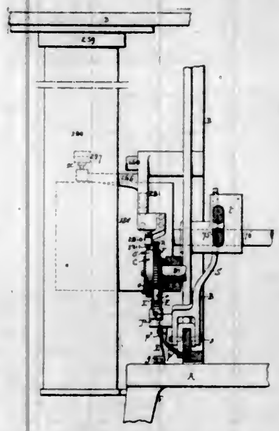
1,569,631. LUBRICATOR FOR SAW BLADES. MICHAEL GROGAN, Savannah, Ga. Filed Apr. 24, 1925. Serial No. 25,703. 5 Claims. (Cl. 145—35.)

5. A lubricating device for saws, comprising a pair of oil reservoirs one arranged upon each side of the saw, a pair of tapered tubes one arranged in each of said reservoirs and having one end thereof threadedly attached to the reservoir, means attached to said reservoirs and communicating with the threaded ends of said tubes for supplying oil to the blade of a saw, said tubes having apertures in the side walls thereof, a sliding valve arranged in each of said tubes for opening or closing communication through the apertures in said



tubes, spring means attached to said valves and said tubes for yieldably holding one against rotation with relation to the other, a rod connecting the upper ends of said valves together to cause the same to operate simultaneously and to also hold said valves against rotation, and a hand lever attached to said rod for operating said valves.

1,569,632. STITCH-REGULATING MEANS FOR KNITTING MACHINES. ROBERT W. SCOTT, Babylon, and ALBERT E. PAGE, Brooklyn, N. Y., assignors to Scott & Williams, Inc., New York, N. Y., a Corporation of Massachusetts. Filed Dec. 21, 1922. Serial No. 608,196. 4 Claims. (Cl. 66—24.)

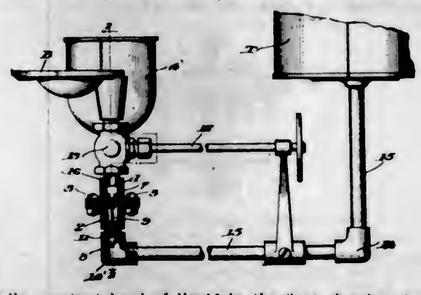


1. A circular knitting machine, having a frame and vertically adjustable supporting means for the knitting head to vary stitch length, in combination with a cam and devices whereby the latter acts upon said adjustable means, a pawl and ratchet feed in connection with said cam, a pattern cam shaft upon which said cam and ratchet are mounted to turn, the ratchet having idling means and devices by which said shaft may bring the ratchet feed into action again.

1,569,633. OIL CONTROL FOR BURNERS. HENRY M. SHERR, Quincy, Ill. Filed June 13, 1925. Serial No. 36,912. 15 Claims. (Cl. 158—36.6.)

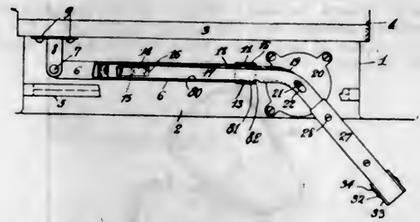
1. A device of the character described including a float chamber, a plurality of floats therein, a valve for controlling the supply of liquid to the float chamber

and means flexibly connecting the floats together, and connected with said valve for maintaining a substan-



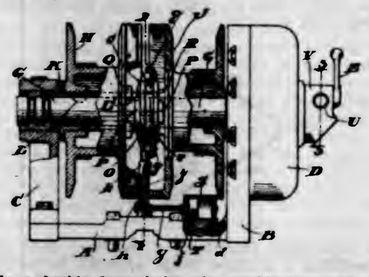
tially constant level of liquid in the float chamber, both when said float chamber is in its normal position and in substantial deviations in any direction therefrom.

1,569,634. CASEMENT-WINDOW FRICTION ADJUSTER. EDWIN J. SIBLEY, Westbury, N. Y. Filed Oct. 18, 1924. Serial No. 744,388. 22 Claims. (Cl. 292—275.)



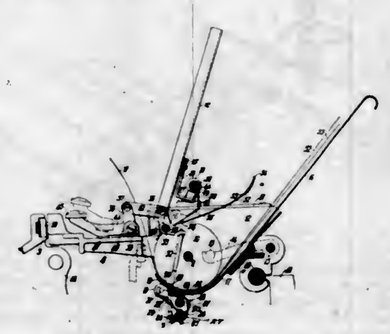
1. A casement window adjuster comprising a support, a pair of levers mounted thereon, a barrel slidably mounted on said levers, friction elements carried by the levers within the barrel and means for operating one of said levers to actuate the said friction elements to frictionally lock the levers within the barrel.

1,569,635. DOUBLE-DRUM HOIST. FRED M. SLATER, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed July 31, 1925. Serial No. 47,269. 3 Claims. (Cl. 254—185.)



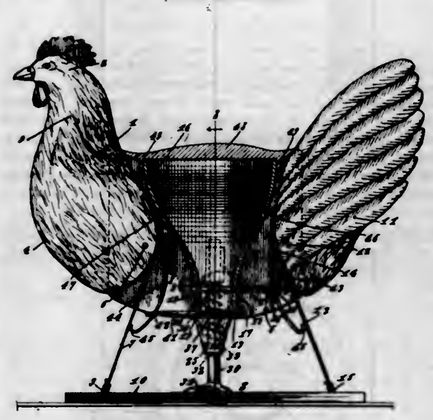
1. In a double drum hoist, the combination of a drum shaft, two drums rotatable relatively thereto, a reversible motor operatively connected to drive said shaft, a main driver rotated by the drum shaft and slidable into engagement with one drum or the other, a hand operated controlling device for the motor, and means controlled by said hand operated controlling device for automatically actuating said main driver into engagement with one drum or the other in accordance with the direction of rotation of the motor.

1,569,636. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 12, 1923. Serial No. 674,188. 12 Claims. (Cl. 197—128.)



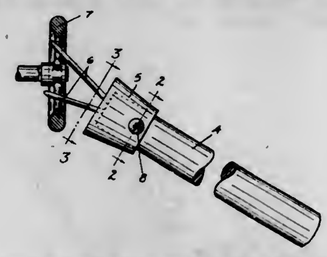
1. In a front-strike typewriting machine, a platen, spring-clips, below the printing line, effective upon a record-sheet on the platen, but ineffective upon an overlying statement-sheet, for retaining the record-sheet against disarrangement on the platen, and a rock-shaft on which the spring-clips are mounted for movement between effective and ineffective positions.

1,569,637. DISPENSING DEVICE. BLAINE E. SNYDER, Watkins, N. Y. Filed Feb. 7, 1925. Serial No. 7,570. 9 Claims. (Cl. 211—8.)



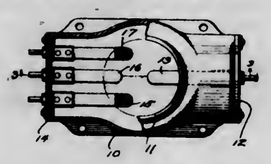
1. A dispensing device comprising a vertically movable spring controlled container section shiftable in one direction on the application of pressure thereto, normally sustained gravity movable front and back sections pivotally supported from and releasable from sustained position on shift in one direction of said container section, a pair of spaced superposed article dispensing control slides mounted in said container section, and a pair of curved operating elements carried by the front and back section and extending through said slides for operating these latter alternately in opposite directions on the vertical movement of the container section whereby an article is dispensed from and positioned for dispensing within the latter.

1,569,638. VALVE-OPERATING TOOL. THOMAS F. STEELE, Minneapolis, Minn. Filed Oct. 13, 1924. Serial No. 743,313. 3 Claims. (Cl. 137—139.)



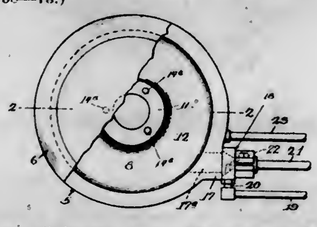
1. A tool adapted to be supoprted and manipulated by hand for operating valves having apertured handles, comprising an elongated handle and a plurality of prongs mounted on the outer end of said handle in spaced diverging arrangement, extending substantially longitudinally thereof and adapted to engage the apertured portions of a valve handle to rotate the same.

1,569,639. VACUUM-TUBE SOCKET. GEORGE H. STEVENSON, Rye, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 6, 1920. Serial No. 428,541. 2 Claims. (Cl. 173—328.)



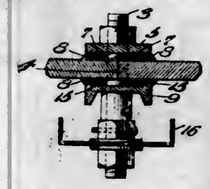
1. A vacuum tube socket comprising an inverted U-shaped metal base having a tubular portion arising therefrom, a strip of insulating material attached to and closing each end of said base, three contact members supported by one of said insulating strips, two of said contact members being longer than the other, and a single contact member supported by the other insulating strip, said contact members projecting beneath said tubular portion.

1,569,640. OIL BURNER. PAUL B. STREICH, Joliet, Ill. Filed May 9, 1925. Serial No. 29,024. 7 Claims. (Cl. 158—73.)



7. In an oil burner, a cup like burner body formed with a centrally located upstanding boss, an imperforate top member covering said cup like member and spaced therefrom to leave a gas discharge slot at its outer side, said top member having a centrally located downwardly projecting boss, spaced away from the upstanding boss of the body to leave a passage therebetween, an oil atomizing nozzle discharging tangentially into the annular chamber formed between the body and top member, and there being a separate air inlet, opening through said upstanding boss of the body.

1,569,641. ROOFING JOINT. JOHN FRANKLIN STUCKERT, Philadelphia, Pa. Filed Sept. 14, 1925. Serial No. 56,134. 2 Claims. (Cl. 108—16.)



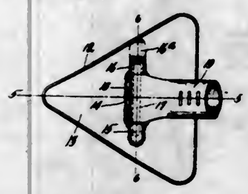
1. A roofing structure comprising in combination, roofing boards arranged side by side with their side and end edges adjacent, a flat strip arranged above each seam between two parallel boards, flat cross strips arranged above meeting end edges of boards, bolts for securing said boards and strips in place, strands of pliable material as rope of circular cross section arranged beneath each strip, said strands being spaced apart and a pair of said strands paralleling each of said strips for at least a part of their extent, and cementitious material in which said rope is embedded.

1,569,642. METHOD OF MAKING JEWELRY CASES. JOHN RALPH SUNDER, Buffalo, N. Y., assignor to Warner Jewelry Case Company, Buffalo, N. Y., a Corporation of New York. Filed Nov. 16, 1923. Serial No. 675,213. 2 Claims. (Cl. 220—63.)



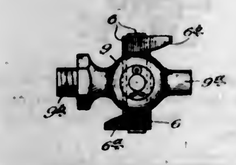
1. The method of making a covered box-body having a base-section and a rim-section, which consists in forming solid blanks for said sections, covering the blanks with a covering material, uniting the covered sections, and then cutting out the central portions of both of said sections.

1,569,643. MOP HOLDER. EDWARD H. TATE, Malden, Mass. Filed May 31, 1924. Serial No. 716,919. 2 Claims. (Cl. 15—229.)



1. A mop-holder comprising a one-piece sheet metal body including a marginal flange, provided in one of its sides, with a pintle-receiving opening, and a bottom, provided with alined outwardly projecting spaced apart socket bosses, a handle-receiving sleeve having a pintle socket registering with the socket bosses; and a hinge pintle inserted in said opening and socket bosses and said pintle socket, one of the socket bosses having an inwardly bent portion bearing on the outer end of the pintle and constituting a stop preventing the withdrawal of the pintle, means being provided for limiting the insertion of the pintle.

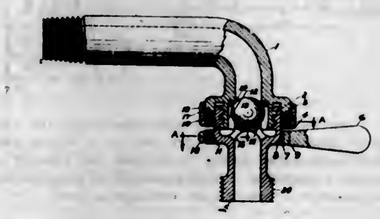
1,569,644. VALVE-OPERATING TOOL. LYNN M. TAYLOR, Peoria, Ill., assignor to Standard Oil Company, Whiting, Ind., and Chicago, Ill., a Corporation of Indiana. Filed Sept. 14, 1925. Serial No. 56,230. 5 Claims. (Cl. 137—139.)



1. A portable valve-operating tool comprising a socket-forming head provided with a handle and having hooks projecting in relatively opposite directions from diagonally-opposite parts of said head.

4. A valve-operating tool having a socket-forming head adapted for connection with the operating member of a valve, and means carried by said head of such form as to permit of the removal of the tool from the valve only when the valve is in closed position.

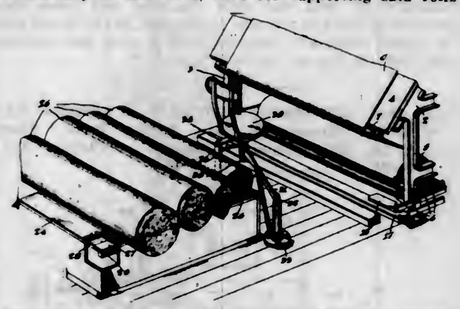
1,569,645. FAUCET. GUSTAV THALER, Oakland, Calif. Filed Aug. 21, 1922. Serial No. 583,220. 1 Claim. (Cl. 251—8.)



A faucet comprising a body provided with a longitudinal hole therethrough and having one end thereof terminating in a cylindrical inverted chamber concentric with the hole, threads formed on the exterior of the chamber wall, a second wall surrounding and spaced from the chamber wall to provide a channeled guideway and said second wall having threads formed on the exterior thereof, a ball valve adapted to be received in the chamber to form a closure for the said hole, a nozzle member having one end enlarged and formed to be received in the channeled guideway and engage the threads on the wall of the chamber, spider arms cast in said nozzle and terminating in a cupped chair for the ball valve, a threaded gland adapted for engagement with said second wall and having a bore to receive the said enlarged end of the nozzle member, the said gland adapted to retain and compress packing against the cylindrical surface of the enlarged end of the nozzle, and a handle carried by the nozzle member to turn the same whereby the enlarged end of the nozzle will travel vertically in the channeled guideway and likewise the ball valve in the chamber to open and close the hole in the body.

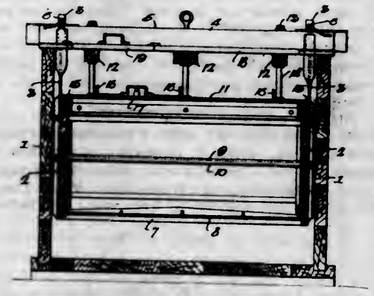
1,569,646. CLOTH-INSPECTING MACHINE. NORMAN T. THOMAS, Nashua, N. H., assignor to Nashua Manufacturing Company, Nashua, N. H., a Corporation of New Hampshire. Filed Oct. 15, 1923. Serial No. 668,510. 6 Claims. (Cl. 26—70.)

1. In a cloth inspection apparatus, the combination of an inspecting stand, mechanism for feeding a web of cloth over said stand, a cradle for supporting a roll of cloth from which said web is unwound in a position under said stand, a platform in front of said stand for supporting a plurality of said rolls, rails for supporting said rolls



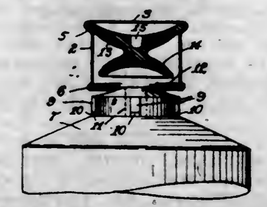
for delivery from said platform to said cradle, a seat normally positioned in front of said stand, and means at one side of the path of delivery of said rolls for supporting said seat.

1,569,647. APPARATUS FOR DYEING RAW STOCK. JAMES H. THOMPSON, Trenton, N. J., assignor to Husong Dyeing Machine Company, Groveville, N. J., a Corporation of New Jersey. Filed July 9, 1925. Serial No. 42,484. 4 Claims. (Cl. 8—19.)



2. The combination in a dyeing machine for raw stock, of a vat; a beam structure arranged to rest on the vat; a cage located within the vat and detachably suspended from the beam structure; a perforated, movable bottom for the cage; a perforated top for the cage, which is suspended from the beam structure independently of the cage; and a cover for the vat carried by the beam structure.

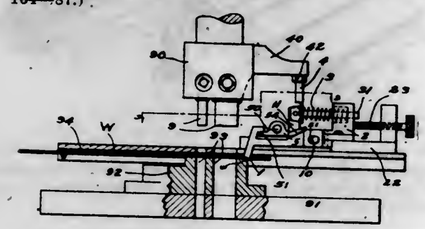
1,569,648. CLOSURE FOR CONTAINERS. MANEL G. TORMO, New York, N. Y., assignor to Olive Deimel, New York, N. Y. Filed Dec. 19, 1924. Serial No. 756,888. 4 Claims. (Cl. 221—60.)



1. In combination, a container having the neck provided with a series of upright ribs on the outer side, each rib having a lateral groove at the base, a cap of resilient metal provided with a bead at the lower edge project-

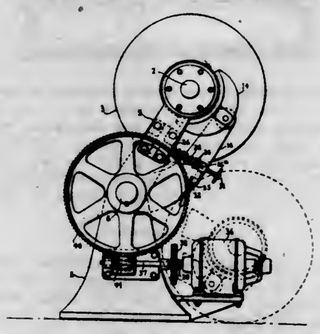
ing inwardly, the bore of the cap having a diameter adapted to snugly fit the said neck at the rib portions, whereby the cap can be applied to said neck and be expanded by said ribs until the bead will reach the grooved portions of the ribs, whereupon return of the cap to normal shape will cause the bead to enter said grooves and lock the cap on the neck.

1,569,649. AUTOMATIC STOP FOR PUNCHING MACHINES. EUGENE W. WAY, Seattle, Wash. Filed Aug. 18, 1924. Serial No. 732,668. 6 Claims. (Cl. 164—87.)



1. An automatic stop for punching machines comprising a dog normally positioned to engage a previously punched hole, supporting means for said dog permitting its movement towards and from the work and bodily in the direction of movement thereof, means operable upon formation of a new hole to move said dog from engagement with the previously punched hole, and means operable upon release of the dog from the previously punched hole to advance it therebeyond, said first means being operable thereafter and prior to withdrawal of the tool from the work to release the dog to permit it to resume its normal position upon advance of the work.

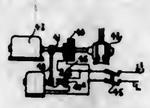
1,569,650. MECHANISM FOR FEEDING MATERIAL FROM ROLLS. JOHN S. COLDWELL, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Dec. 29, 1923. Serial No. 683,306. 17 Claims. (Cl. 242—75.)



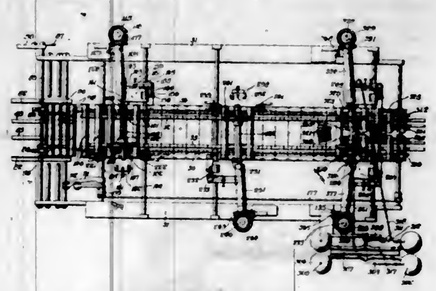
1. A mechanism for tensioning material drawn from a web roll comprising means for imposing a frictional drag on said roll and for rendering such drag proportional to the weight of said roll, said means including means for resolving the weight of said roll into component forces, one of which is effective to control such drag.

1,569,651. GOVERNING DEVICE. WILLIAM H. COSTELLO, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Sept. 1, 1921. Serial No. 497,770. 4 Claims. (Cl. 175—355.)

1. The combination with a machine, of a clutch for transmitting power thereto and a governing device associated with said machine including a member to be driven by said machine, an inertia member which is normally held in a given relation with respect to said former member and is adapted to move relatively thereto upon a given change in the rate of acceleration of said driven machine, and control means for said clutch associated with said members.

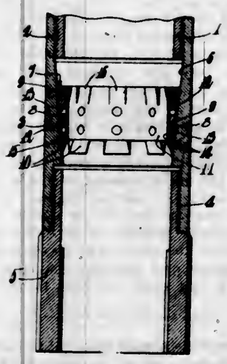


1,569,652. GLASS-BODY-FORMING MACHINE. HANS N. HALVERSEN, Vineland, N. J., assignor to Kimble Glass Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 2, 1922. Serial No. 533,574. 11 Claims. (Cl. 49—7.)



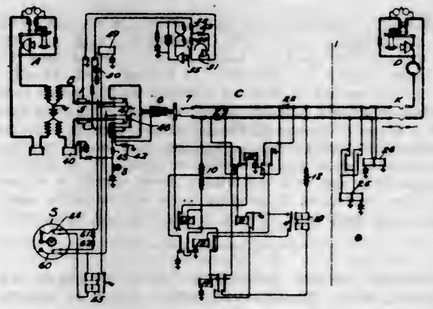
1. In a machine of the character described, the combination of means to heat a part only of a hollow glass body, and mechanical means to subject the interior of said body to a plurality of fluid pressures of progressively greater intensity to round out such heated part.

1,569,653. CORE DRILL. HALBERT B. HALVORSEN, Michigan City, Ind., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed May 5, 1924. Serial No. 710,963. 12 Claims. (Cl. 255—72.)



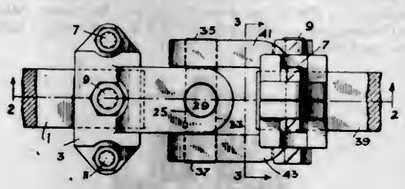
1. A core lifter comprising separate spaced wedge shaped supporting members, core gripping means provided with projecting core engaging members, and means for rigidly securing each of said supporting members to said core gripping means.

1,569,654. TELEPHONE-EXCHANGE SYSTEM. EUGENE C. HELWIG, Hackensack, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 31, 1921. Serial No. 526,226. 21 Claims. (Cl. 179—27.)



1. In a telephone exchange system, a plurality of subscribers' lines, means including a cord circuit and a connected trunk circuit for establishing a connection between two of said lines, an impulse sender for transmitting impulses over the two sides of said trunk circuit in series, an inductive device in the trunk circuit, a key for connecting said impulse sender to the cord circuit, a relay, and means for energizing said relay during the actuation of said key to provide a path around said inductive device.

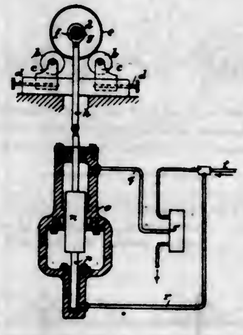
1,569,655. LOCOMOTIVE-STOKER MANGANESE STEEL UNIVERSAL JOINT. ANDREW M. HUNT, New York, N. Y., assignor to Standard Stoker Company, Incorporated, Wilmington, Del., a Corporation of Delaware. Filed Feb. 1, 1924. Serial No. 689,937. 3 Claims. (Cl. 64—102.)



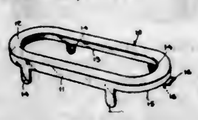
2. A universal joint adapted for use where lubrication is neglected, said joint having bearings of manganese steel and consisting of a pivot hub provided with four stub shafts, a pair of castings forming a fork secured to a driving shaft at one end of the pivot hub and another similar pair at the opposite end secured to a driven shaft.

1,569,656. WINDING APPARATUS FOR THE MANUFACTURE OF INSULATING TUBES CONSISTING OF PAPER AND RESIN. WALTER KEHSE, Dresden-Kemnitz, Germany. Filed Sept. 5, 1924. Serial No. 736,025. 5 Claims. (Cl. 93—81.)

1. In an apparatus for winding paper tubes comprising spaced heated cylinders, a winding core, and hydraulically operated devices for moving the winding core toward the heated cylinders and pressing the paper as wound on the core against the said heated cylinders and between the same and the winding core.



1,569,657. NAME PLATE FOR BRIEF CASES AND SIMILAR ARTICLES. ABRAHAM LEVINE, Elizabeth, N. J. Filed May 29, 1924. Serial No. 716,636. 1 Claim. (Cl. 40—17.)



In a brief case an attachment therefor adapted to be attached to the hasp thereof comprising a metallic frame of sheet material bent to form the cross-section which is substantially in the shape of the letter U having unequal legs, the inner shorter leg forming a shoulder or bead portion and the outer leg forming retaining walls and hasp abutting joints and fastening prongs or spurs integral with the outer wall, said outer wall having a cut-out portion for part its length to form a card insert and removing portion, and a flexible tongue portion projecting from the outer edge of the said cut-out portion forming a closure element for said cut-out portion, the whole being adapted for attachment to the brief case by upsetting or bending the prongs or spurs and serving to retain a name plate or card within its enclosing walls.

1,569,658. CAP. DAVID LEVINSON, Chicago, Ill., assignor to Wilson-Western Sporting Goods Co., Chicago, Ill., a Corporation of Delaware. Filed May 10, 1923. Serial No. 638,019. 4 Claims. (Cl. 2—195.)

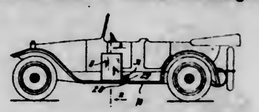


1. A visor formed to provide a pocket for the reception of transparent material, a sight opening provided in the visor, and a slot provided in the material forming the pocket through which the transparent material may be passed to close the sight opening provided in said visor.

1,569,659. TOOL BOX. ADOLPH LOWY, New York, N. Y. Filed Dec. 13, 1924. Serial No. 755,741. 1 Claim. (Cl. 224—29.)

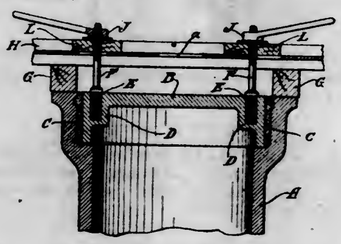
The combination with a support, of a casing fixed thereto having an open front, partitions dividing said

casing into a plurality of compartments, a drawer slidable in each compartment, a bottomless housing adapted to be



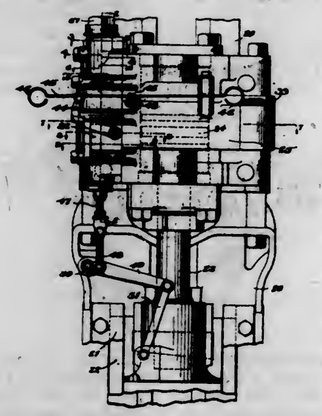
slipped over said casing and entirely enclosing the latter, and coacting means on said support and said housing for locking the latter in position on said casing.

1,569,660. PIPE PLUG AND METHOD OF REMOVING THE SAME. THOMAS G. MASSEY, Montecito, Calif. Filed Mar. 28, 1922. Serial No. 547,493. 12 Claims. (Cl. 137—76.)



4. The combination with a pipe end, a plug slidably secured therein, interiorly threaded nipples secured at opposite points in the plug, stud bolts for removing the plug adapted to be secured in the nipples, a cross bar through which the stud bolts pass, said cross bar having bearings on the pipe end outside the path of the plug, and nuts on the studs engaging the cross bar.

1,569,661. VALVE MECHANISM FOR CHANNELING MACHINES. HENRY H. MERCER, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed May 27, 1918. Serial No. 236,895. 16 Claims. (Cl. 121—23.)

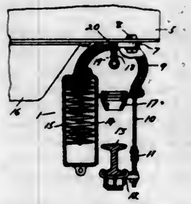


1. The combination with a cylinder, a piston therein, and fluid pressure operated distributing valve mechanism for controlling the movements of said piston in said cylinder, of a valve chamber having a single discharge port, a plurality of exhaust ports communicating with said valve mechanism, and opening into said valve chamber at points between the extreme limits of said discharge port and a plurality of supply ports communicating with said valve mechanism, means for supplying fluid pressure to said valve chamber, and a reversing valve in said chamber and movable into successive positions therein, said valve in each position closing one of said supply ports and one of said exhaust ports, while opening another of said supply ports and placing another of said exhaust ports in communication with said discharge port.

1,569,662. METHOD OF MANUFACTURING RUBBER ARTICLES AND VULCANIZING THE SAME. THOMAS W. MILLER, Ashland, Ohio. Filed May 24, 1923. Serial No. 641,245. 11 Claims. (Cl. 18—53.)

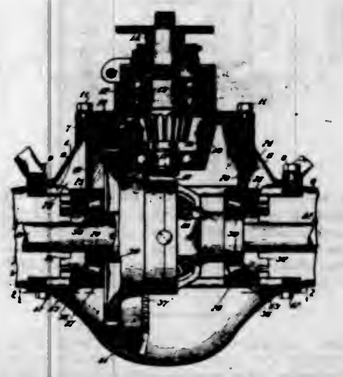
2. The method of forming a rubber article which comprises forming a plurality of stocks each containing each of a group of agents of vulcanization which in a proper proportion would produce vulcanization under working conditions, each containing these agents in a different proportion, and each containing these agents in a proportion ineffective to produce such vulcanization under the same conditions, uniting said stock, and vulcanizing.

1,569,663. SHOCK ABSORBER. EDGAR D. MISNER, Detroit, Mich. Filed Oct. 15, 1923. Serial No. 668,726. 10 Claims. (Cl. 267—10.)



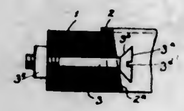
1. In a shock absorber, the combination with a frame comprising a plurality of complementary sections having internal channels registering with each other, of a strap slidably engaging in said channels, and a spring for placing said strap under tension.

1,569,664. DIFFERENTIAL CARRIER FOR MOTOR VEHICLES. EDMUND C. MOGFORD, Buchanan, Mich., assignor to Clark Equipment Company, Buchanan, Mich., a Corporation of Michigan. Filed Mar. 9, 1922. Serial No. 542,296. 3 Claims. (Cl. 74—56.)



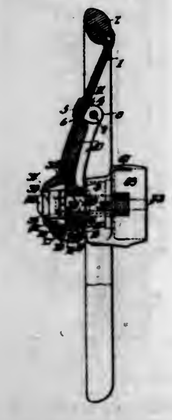
3. A differential housing for motor vehicles comprising an intermediate member, a head secured to the front side thereof, a cover plate secured to the rear side of said intermediate member, a bearing supporting member connected with said head, and a second bearing supporting member adapted to cooperate with said first-mentioned bearing supporting member and to bear laterally against said cover plate adjacent to the margin thereof, said cover plate and the second bearing supporting member being disconnected from each other.

1,569,665. SCORING DEVICE FOR TILE-FORMING DIES. CHARLES E. MULLINS, Roanoke, Ill., assignor to John T. Barrow, Chicago, Ill. Filed Apr. 30, 1921. Serial No. 465,638. 10 Claims. (Cl. 25—20.)



1. In a die for molding tile and the like means for scoring the surface of the tile comprising a frame having an opening which approximates the cross sectional outline of the tile to be formed and is bounded by surfaces converging in the direction of movement of the material therethrough and scoring teeth projecting from said converging surfaces, said teeth being of greater cross section at a distance from said surfaces than at planes thereof in order to form undercut grooves in the material passed through the frame.

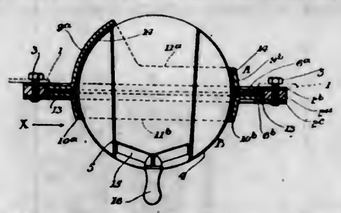
1,569,666. TILTABLE STEERING WHEEL. JAMES A. MURPHEY, Germantown, Pa. Filed Nov. 27, 1922. Serial No. 603,459. 9 Claims. (Cl. 74—33.)



1. An automobile steering wheel having a hub; a swivel connecting said wheel and hub, arranged to permit said wheel to turn upon two axes in transverse relation to each other and both eccentric with respect to the wheel axis; and screw means whereby said swivel connection may be tightened, including a screw thread on said swivel and a screw socket on said wheel engaging the same; and a spring washer between said swivel and said wheel, arranged to prevent rattling.

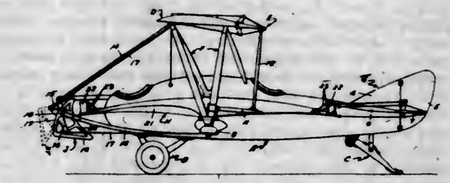
1,569,667. AIR-DIRECTING DEVICE. THOMAS NEILSON, Glasgow, Scotland. Filed Apr. 20, 1925. Serial No. 24,622. 5 Claims. (Cl. 299—73.)

1. An air directing device comprising, in combination, a rotatable bearing ring, means supporting said bearing ring, a part cylindrical socket on said bearing ring, and a nozzle rotatable in said socket and consisting of a



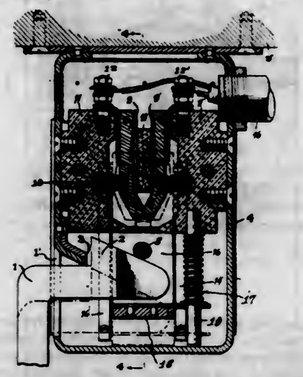
cylinder having a tubular passage therethrough, the bearing ring and cylinder being independently rotatable about mutually perpendicular axes.

1,569,668. VERTICALLY-RISING AEROPLANE. VALENTINE NEWBAUER, Minneapolis, Minn. Filed Sept. 15, 1924, Serial No. 737,748. Renewed Nov. 14, 1925. 10 Claims. (Cl. 244—15.)



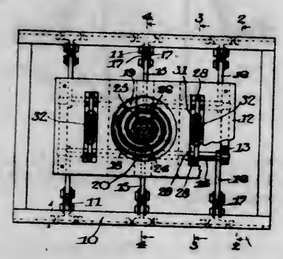
1. An aeroplane comprising a fuselage, supporting wings therefor, a pair of horizontally arranged propeller members at the sides of the fuselage and under said wings, adjustable stabilizing members arranged in the operating planes of said propellers, and an adjustable deflecting member arranged in advance of the propeller members.

1,569,669. BAR-LOCK SWITCH. CLIFFORD NORTON, New York, N. Y., assignor to Graham & Norton Company, New York, N. Y., a Corporation of Delaware. Filed Apr. 11, 1923. Serial No. 631,378. 10 Claims. (Cl. 200—55.)



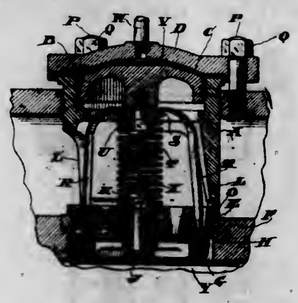
1. The combination of an electric switch, a locking bar or member adapted to interlock with and positively throw said switch both to normal position in the locking and to safety position in the unlocking movement of said bar and means for automatically throwing said switch back from safety position to position normal for the unlocked position of said bar independently of said bar in case of manual or accidental shifting of said switch away from safety position independently of said locking bar or member.

1,569,670. SPRING SUSPENSION. CHARLES H. PALMER, Milwaukee, Wis. Filed Feb. 29, 1924. Serial No. 695,946. 5 Claims. (Cl. 267—20.)



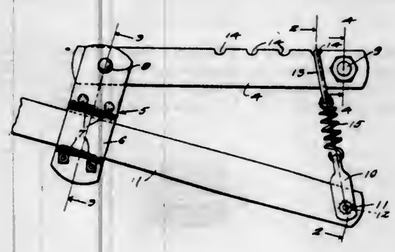
1. In a spring suspension, the combination with a supporting frame, of a load-receiving frame having a pair of spaced parallel shafts rotatably mounted thereon, arms fixed to said shafts and having their outer ends pivotally connected to said supporting frame at opposite sides, a spring mounted on said load-receiving frame and operatively connected to said shafts to yieldingly restrain their rotation under load, and a second spring supported from said shafts and operatively connected thereto to yieldingly restrain the rotation of said shafts in a direction opposite to that produced by an impressed load, whereby said last-named spring becomes effective on the recoil of the first-named spring to decelerate the upward movement of said load-receiving frame.

1,569,671. COMPRESSOR-VALVE LIFTER. FREDERICK W. PARSONS, Elmira, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Jan. 22, 1925. Serial No. 4,038. 2 Claims. (Cl. 137—153.)



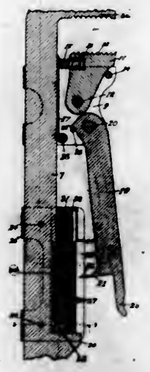
2. Means for actuating a plate valve for compressors of the type in which fingers extending outwardly and downwardly bear upon the valve, comprising a cylindrical cage adapted to fit over and upon the seat of a plate valve, a cover plate adapted to be bolted to the cylinder jacket and to hold the said cage in fixed relation to the said plate valve, a diaphragm held between said cylindrical cage and the cover plate and actuated by pressure fluid entering through the said cover, a piston fitting loosely on the upper part of said cage and responsive to said diaphragm, a valve lifter of the type described operably mounted in the lower part of said cage and means for suitably connecting the said valve lifter to the said piston.

1,569,672. SHOCK ABSORBER FOR HAND CRANKS. ELMER C. PEABODY and WILLIAM ROUSE, Dillon, Colo. Filed June 23, 1925. Serial No. 39,137. 3 Claims. (Cl. 74—33.)



1. A device of the character set forth, comprising a main crank, an auxiliary crank, means pivotally connecting the auxiliary crank to the main crank, a clevis pivoted to the main crank, a link adjustably connected to the auxiliary crank, a spring connected to the clevis and link, and a handle connected to the auxiliary crank.

1,569,673. WRENCH. OSCAR CHAS PIETSCH, Hancock, Mich. Filed Sept. 28, 1923. Serial No. 665,402. 4 Claims. (Cl. 81—134.)

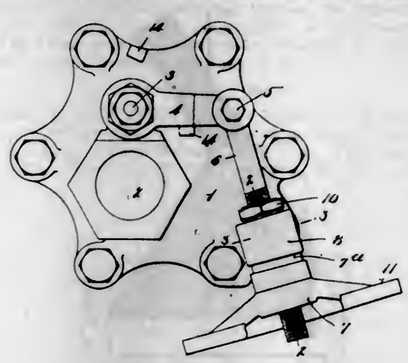


1. A wrench consisting of a shank having a fixed jaw at one end and a movable jaw slidably arranged on the shank, a column of substantially U-shaped blades slidably retained upon an intermediate portion of the wrench and a lever pivotally arranged with respect to the movable jaw, at one end, and having its opposite end engageable with said blades, said shank having laterally arranged longitudinal channels to receive the inner ends of said blades.

1,569,674. VALVE. REGINALD J. S. PIGOTT, Brookline, Mass., assignor to Crosby Steam Gage & Valve Company, Boston, Mass., a Corporation of Massachusetts. Filed June 2, 1922. Serial No. 565,467. 3 Claims. (Cl. 251—18.)

1. In a valve of the character described, means for operating the valve controlling spindle comprising, in combination, a lever operatively attached to the spindle;

a screw having one end pivoted to the lever; a bushing rotatably disposed on the screw in threaded engagement therewith; a hub swivelled in the case about an axis at



right angles to the longitudinal axis of the screw and interiorly rotatably engaged by the bushing; and means for rotating the bushing and thereby actuating the screw.

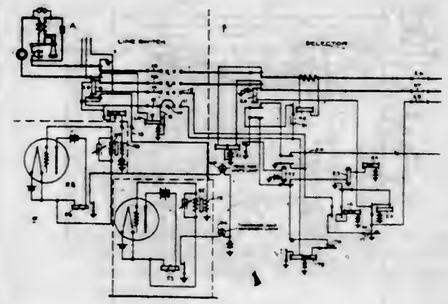
1,569,675. COMBINATION UNDERGARMENT. LÉDA H. PLAUCHÉ, New Orleans, La. Filed May 8, 1925. Serial No. 28,880. 1 Claim. (Cl. 2—73.)



A combination garment having a body encircling member including front and back portions, the front portion being longitudinally divided throughout its length, said front and back portions terminating at their lower ends in flaps forming a portion adapted to extend between the legs, defining leg apertures, the latter portion being transversely separable, shoulder straps connecting said front and back portions, and means for detachably fastening the margins of said body encircling portion together, certain of said means functioning also as a detachable fastening means for one of said shoulder straps.

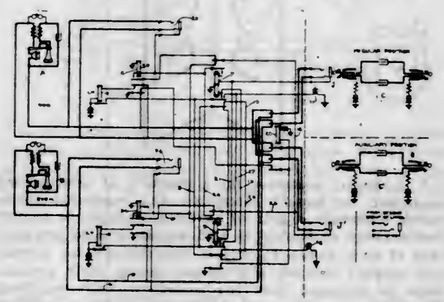
1,569,676. AUTOMATIC TELEPHONE SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Nov. 30, 1921. Serial No. 518,874. 7 Claims. (Cl. 179—27.)

1. In a telephone system, a plurality of telephone lines, each having a different arbitrary designation, an operator's position, means for connecting a calling telephone line to said operator's position, a line indicating device a source of alternating current associated with said operator's position, and means responsive to the same



number of applications of said source of alternating current in all cases and effective after the initiation of calls on said lines for actuating said indicating device in accordance with the designations of said telephone lines.

1,569,677. TELEPHONE SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Dec. 8, 1922. Serial No. 605,718. 10 Claims. (Cl. 179—54.)

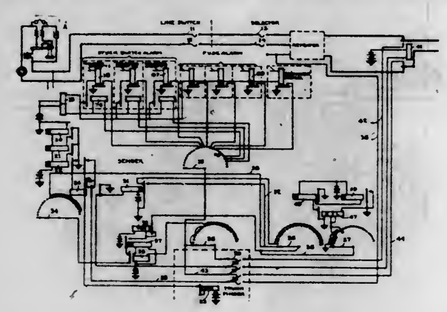


10. The method of handling telephone calls which consists in grouping the lines in pairs, extending a call from either one of a pair of lines to a predetermined outlet, thereupon extending a call contemporaneously originated from the other line of the pair to a second predetermined outlet, and completing the calls from said outlets.

1,569,678. AUTOMATIC TELEPHONE SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Sept. 4, 1923. Serial No. 660,761. 6 Claims. (Cl. 179—27.)

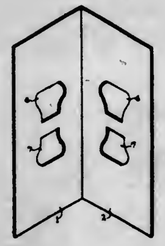
1. In a telephone system, a primary office, a second office, means including several kinds of apparatus at said primary office, one or more trunk circuits extending between said offices, an attendant's position at said second office, means including directively operable switches and link circuits for extending a trunk to said attendant's position, an impulse sender, means responsive to the faulty operation of any of said apparatus for connect-

ing said sender to one of said trunk circuits, means directively controlled from said impulse sender for operating said switches to extend said trunk circuit through



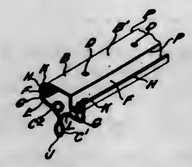
said link circuits to said attendant's position, and means for signaling the kind of faulty apparatus over said established connection.

1,569,679. DISPLAY CONTAINER FOR SEPARABLE DEVICES. JOHN B. SANBORN, Evanston, Ill. Filed Jan. 18, 1923. Serial No. 613,348. 9 Claims. (Cl. 211—34.)



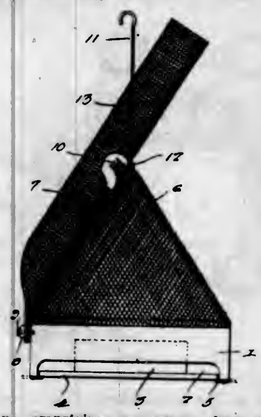
1. A display container for a plurality of devices each consisting of loosely interfitted and separable parts, which comprises a pair of perforated sheets to receive therebetween a number of said devices and to permit a part of each device to project therethrough for display and support thereof, said sheets having their perforations so arranged that the several devices positioned therein cooperate to restrain their respective unsupported parts against displacement from the container.

1,569,680. TRAVERSE ROD FOR DRAPERY. DICKRAN M. SARKISIAN, Forest Hills, N. Y. Filed Sept. 28, 1921. Serial No. 503,870. 3 Claims. (Cl. 156—20.)



1. A traverse rod having a flat middle portion, depending walls integral therewith, an outwardly extending flange integral with each wall and an upstanding rail carried by each flange, the middle portion and walls forming a central channel between a pair of spaced channels formed by the walls, flanges and rails.

1,569,681. FLYTRAP. HENRY H. SCHENK, Memphis, Mo. Filed Mar. 23, 1925. Serial No. 17,711. 1 Claim. (Cl. 43—118.)



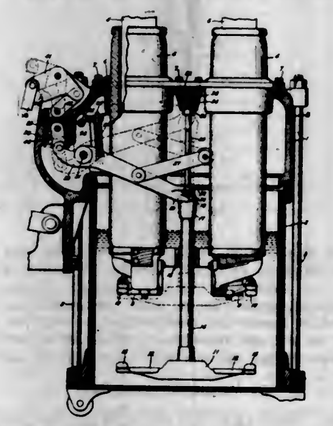
A fly trap comprising an opaque base section provided with a fly entrance, a bait holder removably supported within the base section, a substantially conical shaped wire mesh chamber having its larger end secured to the upper portion of the base section and communicating therewith, a substantially cylindrical shaped fly entrapping compartment formed of wire mesh extending upwardly along the outer face of the conical chamber, the upper portion of said fly entrapping compartment extending above the apex of the conical shaped chamber, said chamber being provided with a fly exit which extends into the intermediate portion of the fly entrapping compartment, the upper end of the compartment being closed, the lower end thereof being open, means for normally closing the open lower end of said compartment, and a suspension hook for said trap, said lower end of said hook being attached to the upper portion of said chamber and said hook being provided with a compartment encircling portion.

1,569,682. METHOD OF AND APPARATUS FOR ASCERTAINING THE PROPORTION OF A CONSTITUENT IN A FLUID. EDWIN X. SCHMIDT and ULRIC O. HUTTON, Milwaukee, Wis., assignors to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Jan. 30, 1924. Serial No. 689,455. 16 Claims. (Cl. 73—51.)



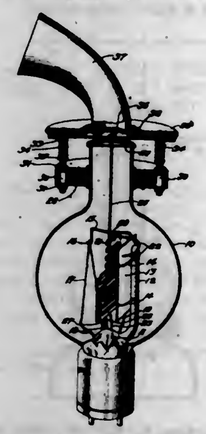
1. The method of ascertaining the proportion of a constituent in a fluid, which comprises simultaneously subjecting dimensionally proportioned portions of a thermally expansible medium to influence respective of the test fluid and of a standard medium, the temperature of said first mentioned medium being maintained different from that of said test fluid, and utilizing the differential of the resultant changes in dimension of such portions of said first mentioned medium in indicating the proportion of such constituent in the test fluid.

1,569,683. ELECTRIC SWITCH. CHARLES F. SCHWENNER, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Jan. 5, 1924. Serial No. 684,669. 7 Claims. (Cl. 200—150.)



1. In a fluid break switch, a receptacle comprising a cover and having an opening therein and adapted to contain fluid immersed switch contacts, a piston mounted in said opening and contact operating mechanism connected with opposite sides of said piston.

1,569,684. ELECTRON-DISCHARGE DEVICE. PAUL SCHWERIN, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 11, 1922. Serial No. 551,531. 14 Claims. (Cl. 179—121.)



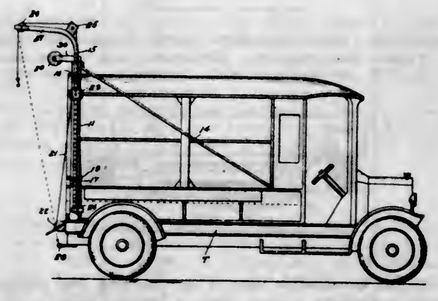
1. A transmitting device comprising a vessel a portion of the wall of which is flexible, a pair of grids within said vessel, one of said grids being movable relative to the other, and means connecting said flexible portion and said movable grid.

1,569,685. UPHOLSTERY PIPING BAT AND METHOD OF MAKING THE SAME. MAURICE JOSEPH STACK, Cohoes, N. Y. Filed Mar. 16, 1925. Serial No. 16,079. 10 Claims. (Cl. 19—145.)



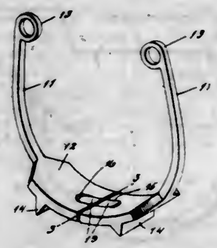
7. A continuous bat with a core composed of the same material as the bat loosely twisted into the form of a rope and having its fibres interlocked with those of the bat proper.

1,569,686. DERRICK. EDWARD LEO TIRRELL, Phillipsburg, N. J. Filed Nov. 16, 1923. Serial No. 675,075. 4 Claims. (Cl. 214—3.)



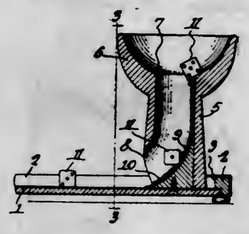
1. In combination with a vehicle, a frame mounted at one end thereof, a movable lifting boom mounted on said frame and provided with means for lifting a pole or the like from a prone to an inclined position and means mounted on said frame and adapted to engage a pole or the like held by said lifting means and to elevate the same on movement of said vehicle.

1,569,687. NONSKID DEVICE. JAMES W. URIE, Carson City, Mich., assignor of one-half to James C. Goolthrite, Carson City, Mich. Filed Sept. 17, 1925. Serial No. 56,880. 3 Claims. (Cl. 152—14.)



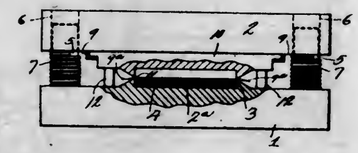
1. A non-skid device for vehicle tires, comprising a plurality of flexibly connected non-skid members disposable upon a tire in embracing relation thereto, each of said members including a pair of sections, and calks arranged transversely of the members and providing the pivotal connecting means for the sections thereof.

1,569,688. GAME BOARD. GILL UTTER, Tacoma, Wash. Filed Oct. 17, 1925. Serial No. 63,101. 1 Claim. (Cl. 273—145.)



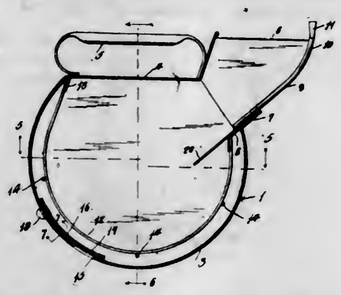
A dice throwing apparatus comprising a supporting base, a hollow post rising therefrom and having an opening in one wall near its lower end, a curved plate in the throat of said post opposite said opening, and a bowl-shaped receiving member carried by the upper end of the post and having a central opening communicating with the interior of the post, said bowl having a shoulder at its junction with the post whereby the dice are struck and thorough tumbling thereof insured.

1,569,689. SOLE MOLDING AND TRIMMING DEVICE. GINO VANNONI, Mishawaka, Ind. Filed Aug. 1, 1925. Serial No. 47,541. 7 Claims. (Cl. 18—16.)



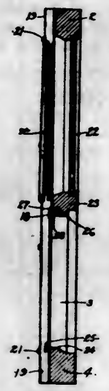
1. The combination with a sole molding and cutting mold comprising a base plate, a presser plate, a cutting edge surrounding a stock receiving cavity carried by the base plate and with which the adjacent side of the presser plate cooperates during a sole forming operation, of cutter receiving members carried by the adjacent side of the presser plate and positioned whereby they will not interfere with the pressing operation.

1,569,690. SELF-CLEANING BERRY PICKER. WEBSTER WAINIO, Watton, Mich. Filed May 7, 1925. Serial No. 28,744. 2 Claims. (Cl. 56—330.)



1. A berry picker comprising a container having an opening in its bottom wall, a closure for said opening, a nozzle, parallel bars secured in said nozzle and constituting picking fingers, and a screen spaced from the bottom wall of the container.

1,569,691. DETACHABLE WINDOW. OTTO A. WALSTAD, Minneapolis, Minn. Filed Feb. 11, 1924. Serial No. 692,066. 23 Claims. (Cl. 20—52.2.)

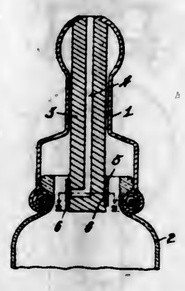


1. The combination, with a window frame and a sash mounted to move vertically therein, of guides arranged to bear on said sash with a yielding pressure, said guides having gaps therein near the middle portion of the window frame and permitting the sash to be disengaged at one end from said guides and removed from said frame during the vertical movement of said sash.

1,569,692. PREPARATION OF ALKALI CELLULOSES. EMILE VAN WEYENBERGH, Clapham, London, England, assignor to Courtaulds Limited, London, England. Filed Mar. 6, 1925. Serial No. 13,652. 4 Claims. (Cl. 260—10.)

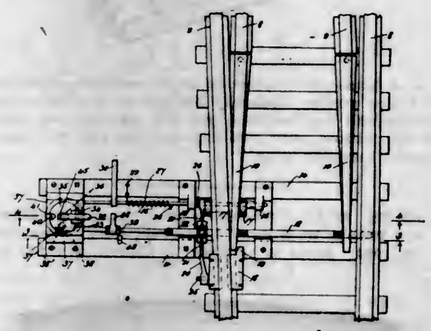
1. A process for the production of alkali cellulose containing not less than 30% by weight of caustic alkali, and not more than about 35% by weight of water, which consists in steeping the cellulose in a solution containing more than 55% by weight of caustic alkali at a temperature of at least approximately 40° C. but not high enough to detrimentally affect the cellulose, and then removing the excess caustic alkali solution while maintaining a raised temperature.

1,569,693. NURSING NIPPLE. LLEWELLYN C. YOUNG, Toledo, Ohio. Filed Nov. 7, 1924. Serial No. 748,301. 2 Claims. (Cl. 128—252.)



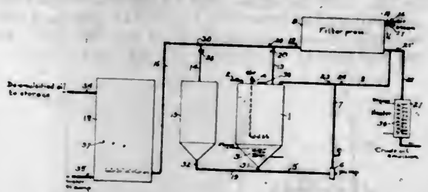
2. A nursing nipple having an outer shell of yielding material with a discharge orifice in its outer end, a relatively stiff feed tube projecting through the nipple and adhesively connected thereto, said tube having a passage communicating with said discharge opening and a laterally disposed inlet opening, a sleeve valve having a plurality of different sized orifices selectively to register with said inlet opening, said valve being rotatably mounted on said tube thereby to regulate the liquid flow therethrough by manually adjusting said valve.

1,569,694. RAILROAD SWITCH. OTIS E. ZIPPERER, Coleman, Fla. Filed July 13, 1925. Serial No. 43,352. 6 Claims. (Cl. 246—402.)



2. The combination, with a stationary rail, and a movable point; of a locking block slidable longitudinally on the lower part of the rail and having a tooth on one side which normally overlaps the tip of the point, a locking shaft journaled crosswise of and projecting under the rail and point, eccentric locking disks secured on the said shaft and normally arranged to lock the point to the rail, and a connecting-rod pivoted to one of the disks and to the said locking block on the other side of the rail from the said tooth.

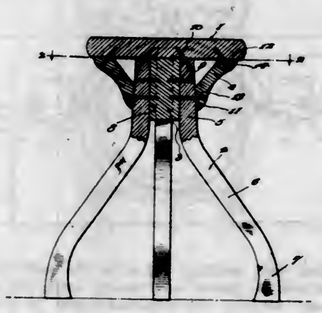
1,569,695. APPARATUS FOR DEEMULSIFICATION OF OILS, ETC. CHARLES V. ZOUL, Santa Monica, Calif., assignor, by mesne assignments, to The Celite Company, a Corporation of Delaware. Filed Jan. 30, 1923. Serial No. 615,781. 4 Claims. (Cl. 196—4.)



3. An apparatus comprising a receptacle adapted to contain precoating liquid and a supply of precoating deemulsifying agent; means for warming and drying the contents of said receptacle; a filter press; means for forcing precoating liquid from said receptacle to the filter press to warm and dry the filter press and produce a precoat on the filtering media thereof, means for returning liquid from the filter press to the warming and drying receptacle; a second receptacle for pre-dried liquid and means for conducting the liquid from the filter press to said last named receptacle.

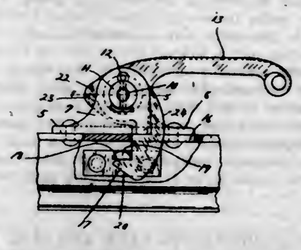
1,569,696. FLOWER STAND. SAMUEL A. ADAMS and JORDAN LEICESTER, Merry Hill, N. C. Filed Sept. 3, 1924. Serial No. 735,608. 2 Claims. (Cl. 45—117.)

1. A stand of the class described comprising a core block having a flat upper end and flat side faces, legs having the inner faces of their upper portions disposed against the respective side faces of the core block, fastening elements secured through the said upper portions of the legs and into the core block, the upper ends of the legs occupying the same plane as the upper end of the core block, a top disposed centrally of its under side upon the upper end of the core block and the upper ends of the legs, fastening elements secured through the upper end portions of the legs and into the under side of the said top,



brace members having lower end faces disposed against the outer faces of respective ones of the said legs at the said upper portions of the legs and upper end faces disposed against the under side of the said top, fastening elements secured through the lower end portions of the brace members, the upper end portions of the respective legs, and into the said core block, and other fastening elements secured to the upper end portions of the said brace members and into the said top.

1,569,697. WINDOW LATCH. GUSTAF IVAR BARCLAY, Detroit, Mich., assignor to Detroit Steel Products Company, Detroit, Mich., a Corporation of Michigan. Filed May 28, 1923. Serial No. 642,077. 6 Claims. (Cl. 292—126.)

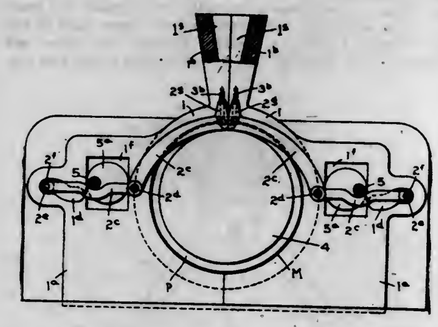


1. The combination with a support provided with a pin, of a detent mounted upon said pin, a handle also mounted upon said pin, shoulders upon said detent and handle for swinging said detent from said handle upon swinging of said handle in one direction, said shoulders permitting the swinging of said detent independently of said handle, and a coil spring surrounding a portion of said pin for swinging said detent in a direction opposite to that taken when actuated by said handle.

1,569,698. TUBULAR-STEREOTYPE-PLATE-CASTING MACHINE. HENRY F. BECHMAN, Battle Creek, Mich., assignor to Duplex Printing Press Company, Battle Creek, Mich., a Corporation of Michigan. Filed Aug. 14, 1922. Serial No. 581,668. 64 Claims. (Cl. 22—2.)

20. In a stereotype plate casting box, a core, opposite members adapted to surround the core to form a casting box and having projecting portions adjacent their meet-

ing edges; means for separating the members to open or close the box; said box having a mouth extending longitudinally of the core and formed between the project-



ing portions and meeting edges of the said members when the box is closed, said mouth being adapted to direct metal between the adjacent edges of a matrix when the latter is properly positioned in the box.

1,569,699. APPARATUS FOR RETAINING PARCELS OR THE LIKE ON VEHICLES. JOHN FREDRIK OSSIAN BERGSTRÖM, Ange, and BROR JOHAN BRUNZELL, Arbra, Sweden. Filed June 14, 1923. Serial No. 645,326. 2 Claims. (Cl. 242—109.)



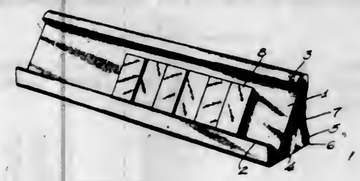
1. In a device for retaining parcels on vehicles, a casing, a roller mounted in the casing, a spring arranged to rotate the roller in one direction, a strap having one end attached to the roller and extending through an aperture in the casing, and a locking device for the strap embodying a shaft rotatably mounted in the casing, a clamping roller eccentrically mounted on said shaft for rotation thereby to and from clamping engagement with the strap, said shaft and roller arranged for limited movement independently of each other, and said shaft rotatable a distance independently of said roller before turning the roller to or from clamping position.

1,569,700. COMBINATION CANE AND GUN. FERNANDO SEVIDAL BERNABÉ, Malaski, Philippine Islands. Filed May 13, 1925. Serial No. 30,016. 2 Claims. (Cl. 42—52.)



1. A device of the class described including a casing formed in sections, a barrel extended into both sections being slidable in one and fixed to the other, a hammer housing disposed within the barrel, and provided with an enlargement, said barrel provided with a bayonet slot for receiving the enlargement at the housing, means for fixing the enlargement of the housing to the casing, a hammer in the housing, means in the barrel for engaging one end of the hammer, a spring associated with the hammer, and means for releasing the hammer.

1,569,701. GAME TILE HOLDER. RICHARD E. BOSTROM, San Diego, Calif. Filed Apr. 1, 1924. Serial No. 703,517. 4 Claims. (Cl. 273—150.)



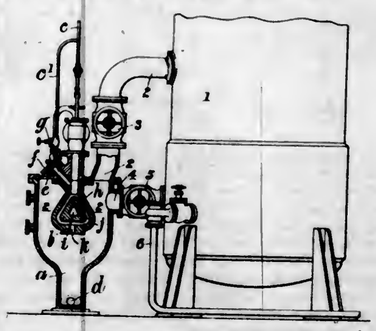
4. A holder for supporting game members, consisting of a long member having an inclined game member supporting side and provided near the opposite long edges of said inclined game member supporting side with game member retaining ledges.

1,569,702. ROAD CONSTRUCTION. THOMAS W. BROWN and WILBUR W. WOLARY, Centerville, Iowa. Filed June 13, 1924. Serial No. 719,860. 2 Claims. (Cl. 94—9.)



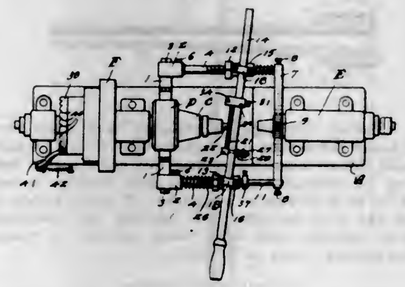
1. A road including a road-bed having the side walls thereof extending upwardly therefrom, a bottom layer of course construction material placed upon the road-bed, and between the walls thereof, the side edges of said bottom layer extending only part way to and being spaced from the side walls of the road-bed, a thin layer of extra fine construction material spread over the bottom layer, and a top layer of fine construction material spread over the last-mentioned thin layer, said intermediate and top layers of material extending around the sides of the bottom layer filling the spaces between the walls of said bottom layer and the road-bed.

1,569,703. APPARATUS FOR STEAM-GENERATING AND SOLUTION-HEATING PURPOSES. OSCAR ANTON BRUNLER, Glasgow, Scotland. Filed Mar. 30, 1923. Serial No. 628,842. 3 Claims. (Cl. 60—45.)



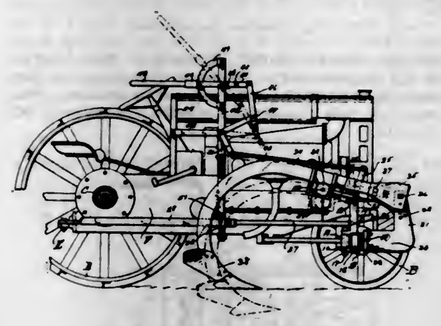
1. A liquid heater comprising a casing open to a liquid supply and having an outlet, a burner arranged in the casing below the outlet, said burner comprising a jacket having a flame orifice in its lower portion and a direct fuel inlet in its upper portion, and a central part spaced from the jacket by fuel passages surrounding such central part, and an ignition tube arranged at an angle to the jacket and directing the flame therefrom upon the central part of the burner to heat the latter.

1,569,704. SAW-FILING ATTACHMENT FOR BUTTON-SAWING MACHINES. JAMES D. BUCHANAN, Ioln, Kans. Filed Apr. 11, 1925. Serial No. 22,414. 3 Claims. (Cl. 76—31.)



1. A saw filing device comprising a frame including threaded bars, guide sleeves slidably mounted on said bars, a file holder carried by said sleeves, a file mounted on the file holder, and nuts threaded on said bars to limit the movement of the guide sleeves thereon.

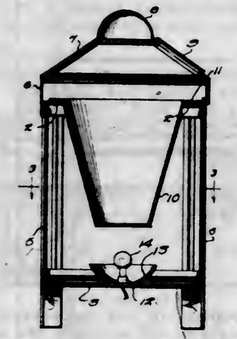
1,569,705. PLOWING ATTACHMENT FOR TRACTORS. OSWALD BUESCHER and RHYNE G. GOEBEL, Smithville, Tex. Filed Aug. 29, 1923. Serial No. 660,018. 6 Claims. (Cl. 97—47.)



1. A plow attachment for tractors including axle extensions having means for engagement with the front axle of a tractor, a bracket mounted on one of said extensions, a member extending upward from the last named extension, a thrust rod operatively engaging said member extending rearward therefrom and operatively engaged with the draw bar of the tractor, a plow beam pivotally mounted upon said bracket, and means detachably mounted upon the tractor whereby the plow beam may be raised or lowered.

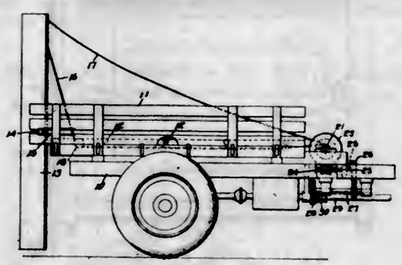
1,569,706. RECEPTACLE. JOHN E. BULWINKLE, Charleston, S. C. Filed Oct. 1, 1924. Serial No. 741,032. 1 Claim. (Cl. 40—132.)

In a device of the character described, an outer casing, said casing being provided with substantially transparent side walls, adapted to contain advertising matter, a substantially frusto-conically shaped inner receptacle arranged in said casing, the bottom of said inner receptacle being spaced from the bottom of said casing, a lamp arranged in the bottom of said outer receptacle, and a reflector arranged beneath said lamp and extending beyond the bottom of said inner receptacle whereby rays



of light will be reflected to the walls of said inner receptacle and then outwardly through said transparent side walls of said outer casing.

1,569,707. DUMPING TRUCK. GUSSIE M. BUNNELL, Miami, Fla. Filed Mar. 29, 1922. Serial No. 547,793. 1 Claim. (Cl. 298—16.)

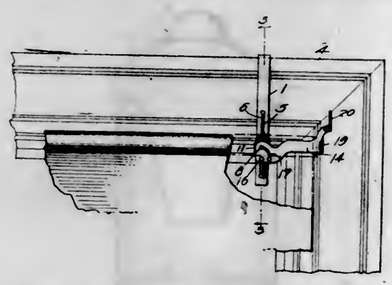


A truck having a body and an engine shaft, side members comprising spaced horizontally disposed slats carried by said body, a U-shaped member between the bottom pair of slats of each side member adjacent its rear end, the inner faces of the U-shaped member being flush with the respective slats, an inner body adapted to slide longitudinally of said truck body and adapted to tilt at the conclusion of its rearwardly sliding movement of said inner body having a trunnion at each side disposed between the bottom pair of slats and adapted to engage the curved portion of the U-shaped member to limit the rearward movement of the inner body, a transverse shaft at the forward end of the truck, means connecting said shaft in driving relation with the engine shaft, a pair of spools loosely mounted on the transverse shaft, a single clutch member between the spools and splined to the shaft whereby either spool may be driven by the transverse shaft, a pair of cables connected to the forward end of said inner body and adapted to be wound upon said spools for dumping the said inner body and restoring the same to its original position, substantially as set forth.

1,569,708. SHADE ROLLER AND CURTAIN POLE BRACKET. OSCAR BURNS, Troy, and PETER GISCHLAR, Hamilton, Ohio, assignors of one-third to Marshall E. Newhouse, Hamilton, Ohio. Filed Mar. 6, 1925. Serial No. 13,549. 4 Claims. (Cl. 156—24.)

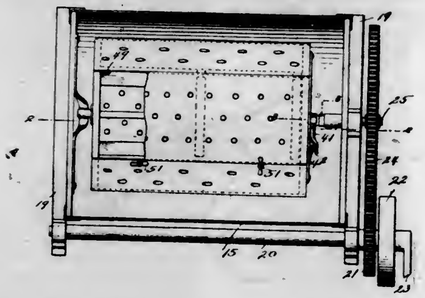
2. A device for the purpose indicated comprising fixed and movable jaw members and a bar connecting the same,

the bar being formed with a longitudinal slot, a shade roller supporting arm having a fulcrum pin movable longitudinally of the slot, and operative connections be-



tween the supporting arm and the movable jaw to advance the same toward the stationary jaw upon angular movement of the supporting arm in one direction.

1,569,709. WASHING MACHINE. ENOCH H. BURRAGE, Winston-Salem, N. C. Filed May 14, 1923. Serial No. 638,943. 5 Claims. (Cl. 68—18.)



1. In a washing machine comprising a casing and a drum rotatable therein, a journal and bearing for said rotatable drum, comprising a plate secured to one end of said drum, said plate having a slot and a polygonal projection adjacent said slot, a stub shaft mounted for rotation in one end of the casing and having at one end a socket shaped to receive said polygonal projection, said socket having slots in its opposite walls in alinement with one another, and a locking member movable in the slot of said plate, projecting beyond the face of the latter, and movable in the slots of said socket above said projection.

1,569,710. DOG MAT. ARTHUR G. BURT, Baltimore, Md. Filed Aug. 29, 1924. Serial No. 734,918. 3 Claims. (Cl. 119—1.)



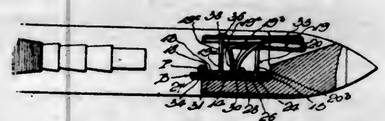
1. An article of manufacture comprising a mat upon which an animal is adapted to rest, the upper surface thereof being concaved for its greater area, the edge formed therearound being beveled and providing a head rest for the animal.

1,569,711. ALL-METAL BOBBIN. LOUIS ALEXANDRE CADORET, Pawtucket, R. I. Filed May 25, 1925. Serial No. 32,789. 4 Claims. (Cl. 242—121.)



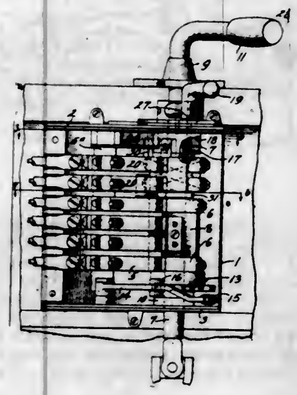
1. A bobbin comprising a one-piece hard metal band continuous throughout its circumference from any point on said circumference, and a cast soft metal bobbin body having an integral head portion cast directly in said band to form therewith a unitary all metal article in which the hard and soft metal portions are tenaciously secured together, said band being adapted to engage bobbin-holding means of a shuttle.

1,569,712. SHUTTLE THREADER. LOUIS ALEXANDRE CADORET, Pawtucket, R. I. Filed Oct. 8, 1925. Serial No. 61,284. 11 Claims. (Cl. 139—223.)



1. In a shuttle threader, thread-guiding means formed of wire and having laterally bent lower ends, and a base having pockets in which said ends are held.

1,569,713. CONTROLLER. WILLIAM C. CARR, Buffalo, N. Y., assignor to The Automatic Transportation Company, Buffalo, N. Y., a Corporation of Arizona. Filed Sept. 10, 1921. Serial No. 499,770. 2 Claims. (Cl. 200—18.)



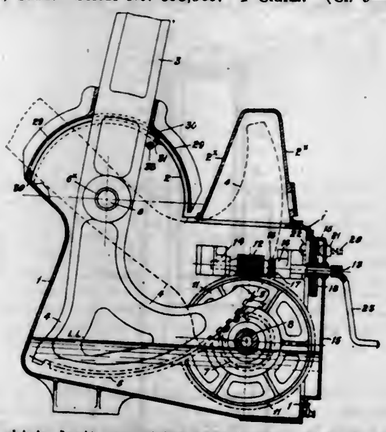
1. In a controller, in combination, a controller shaft, a reversing switch including a tubular operating shaft through which the controller shaft projects, movable contacts carried by the tubular shaft, movable contacts carried by the controller shaft below the tubular shaft, stationary contacts arranged in line with one another for cooperation with the several movable contacts, a common supporting bar for the stationary contacts and a supporting plate having a bearing for the tubular shaft and to which said bar is attached.

1,569,714. PUMP. CHESTER C. CARTER, Perryton, Tex. Filed Jan. 20, 1923. Serial No. 613,974. 1 Claim. (Cl. 103—188.)



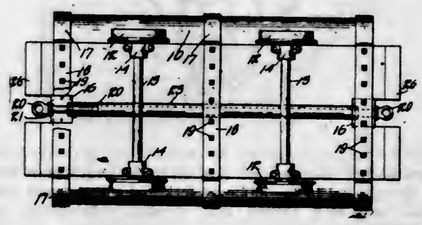
A pump of the character described comprising a stationary cylinder including a perforated section depending from the lower end thereof, a valve seat and cage threaded in the cylinder above the perforated section, a ball valve arranged within the cage and normally engaging said seat, a second cylinder arranged to slide within the stationary cylinder, a valve seat and cage threaded in the lower end of the second cylinder, a ball valve normally engaging said seat, a collar arranged in each of said cylinders, a transverse pin carried by each collar and adapted to limit the upward movement of the adjacent ball valve, a discharge pipe rising from the upper end of the second cylinder and including a laterally disposed branch, a shaft mounted for rotation, a reciprocating rod actuated by said shaft and connected with the discharge spout, whereby rectilinear movement is imparted to said pipe, and said valve alternately opened and closed, and means for rotating said shaft.

1,569,715. CONSTRUCTION OF SHIPS' DAVITS. JAMES RICHARD CLAY, Blundellsands, and JOHN SCOTT VALENTINE HARRISON, Waterloo, England. Filed Feb. 16, 1924. Serial No. 693,369. 1 Claim. (Cl. 9—22.)



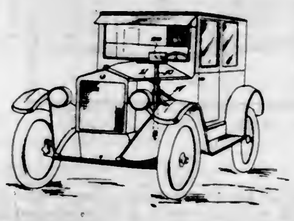
A ship's davit comprising a casing in which the davit is mounted for movement, mechanism for operating the davit housed within the casing, the casing being formed to provide a neck through which the davit extends and in which it swings, a cover for the neck carried by the davit and operating in all positions of the davit to seal the opening in the neck, said casing being formed with an opening through which a portion of the davit extends in operation, and a housing resting upon the casing to close said opening and receive said extended portion of the davit.

1,569,716. DRAWBAR FOR MINE CARS. CHARLES F. CLAYTON, Balkan, Ky. Filed June 10, 1925. Serial No. 36,201. 7 Claims. (Cl. 213—73.)



1. The combination in a mine car, of a floor, braces extending across said floor on opposite sides thereof in opposed relation, housing elements secured between spaced pairs of braces, and a drawbar extending the length of said body through said housing elements, substantially as set forth.

1,569,717. GLARESHIELD FOR MOTOR VEHICLES. JOHN P. COLGAN, Waycross, Ga. Filed Jan. 25, 1924. Serial No. 688,516. 3 Claims. (Cl. 296—97.)



1. A glare shield for motor vehicles including a supporting post terminating at its lower end in a stud to extend through the frame bar of a vehicle at a point adjacent one of the front fenders of the vehicle, means engaged with said stud for securing the post in upright position, means to extend between the upper portion of the post and an adjacent part of the vehicle bracing the post, and a light screen carried by the post in a position to cast a shadow against the vehicle windshield in front of the driver's seat of the vehicle by the illumination of the headlights of an oncoming car.

1,569,718. BOLT LOCK. GEORGE F. COLLEY, Memphis, Tenn., assignor to John Q. Roberts, Memphis, Tenn. Filed June 15, 1923. Serial No. 645,671. 2 Claims. (Cl. 287—100.)

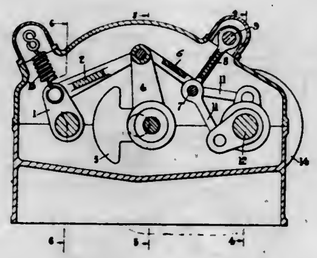
2. A joint comprising a forked member having openings in the forks, an intermediate member having an opening adapted to register with said openings, a bolt adapted to be inserted through the openings in the forks and intermediate member to form a pivotal connection, that portion of the bolt disposed within the extremities of the

intermediate member having a groove about the same adjacent one end, and a split spring ring in said groove tending to expand into engagement with the bore of the



intermediate member and to a diameter larger than that of the opening in the adjacent fork and consequently bear upon said fork around said opening, substantially as set forth.

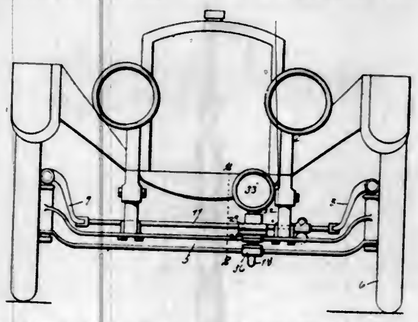
1,569,719. POWER TRANSMISSION. GEORGE CONSTANTINESCO, Weybridge, England. Filed July 25, 1923. Serial No. 653,772. 5 Claims. (Cl. 74—53.)



1. Apparatus for transmitting power from a driving shaft to a driven shaft which is to be rotated against a variable torque, comprising in combination a driving shaft, means for obtaining alternating motion from said shaft, three links meeting at a common point and serving to split such motion into two components of variable amplitude, means for transmitting said alternating motion to the extremity of one of such links, a connection from the second of said links to a lever swinging about a fixed point and carrying a mass, a driving pivot at the free end of the third of said links, stabilizing means connected to said pivot and unidirectional driving devices connected to said driving pivot moving in opposite phase and driving a shaft in one direction.

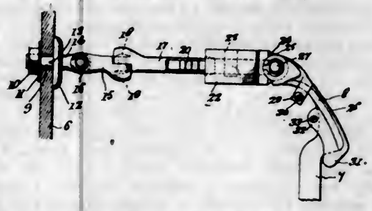
1,569,720. DIRIGIBLE HEADLIGHT. JAMES M. CREASON, Weed, Calif. Filed Apr. 4, 1925. Serial No. 20,782. 1 Claim. (Cl. 240—62.)

In a device of the character described, a support having an upstanding rim, said rim having depressions formed therein, a tubular stem extending through said support and a key longitudinally positioned in said stem and having its opposite ends normally bearing in said depressions, a spring positioned within said stem and bearing on said key, means for limiting the upward movement of said spring, a second support positions on said stem and secured thereto, said second support being spaced from said first mentioned support, anti-friction means interposed between said supports, and a



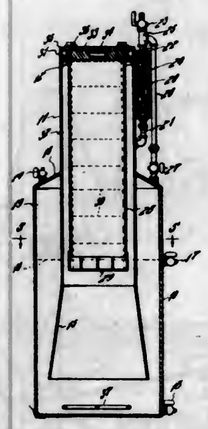
lever secured to the lower extremity of said stem for the purpose of rotating said stem so as to cause said key to move out of said depressions, for the purpose specified.

1,569,721. AUTOMOBILE LOCK. ANTHONY WILMOT DALFERES, Lafayette, La. Filed Apr. 11, 1925. Serial No. 22,281. 4 Claims. (Cl. 70—128.)



1. In combination with an automobile having a reverse pedal and a plate attached thereto, a locking bolt attached to said automobile, a locking casing pivotally attached to the top portion of said plate and cooperating with said locking bolt and adapted to lie behind said pedal when in disengaged position.

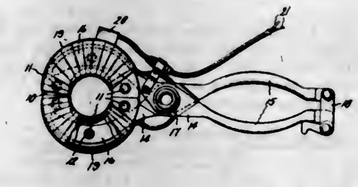
1,569,722. ACETYLENE-GAS GENERATOR. DAYTON HERSCHEL DANLEY, La Fayette, Ind. Filed Apr. 7, 1924. Serial No. 704,834. 1 Claim. (Cl. 48—22.)



In a device of the character described, an upright tank adapted to contain water formed with a neck portion of reduced diameter extending upwardly beyond the top

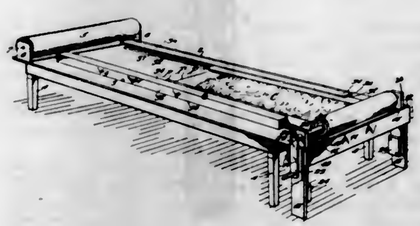
to a considerable extent, said neck portion having a depending extension located within the tank, a magazine suspended within said neck and depending extensions in spaced relation to the walls thereof and adapted to contain carbide in caked form, a closure member for said magazine, a cap for closing said neck and acting to retain the magazine closure in position an elongated upstanding cylinder mounted beside the neck at the upper portion thereof and containing fibering material, a pipe leading from the upper portion of said tank and provided with a control valve, an outlet valve connected with the top of said cylinder and with said pipe and an intake for said cylinder connected with the bottom thereof and connected with the lower portion of the neck to communicate with the space between the neck and the magazine.

1,569,723. INSTRUMENT TRANSFORMER. WILBUR K. DICKINSON, Lynn, Mass., assignor to General Electric Company, a Corporation of New York. Filed Aug. 14, 1925. Serial No. 50,327. 3 Claims. (Cl. 175—358.)



1. An instrument transformer including a separable two part core and two pivotally connected handle supporting said core parts, one of said core parts being pivotally connected to its supporting handle.

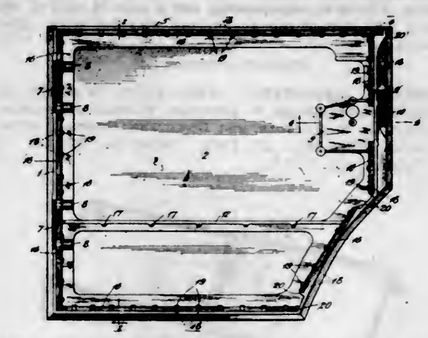
1,569,724. ROLLING DEVICE FOR COTTON SAMPLES. HARRY DIMOND, Brookline, Mass. Filed June 30, 1924. Serial No. 723,227. 7 Claims. (Cl. 19—162.)



1. In a bundle-rolling device for cotton sample tables, the combination of a rotatable mandrel on which the bundle is rolled, rotatable rollers for supporting the bundle as it is rolled on the mandrel, means for mounting the mandrel to allow it to recede from the rollers as the bundle increases in size while resisting its movement to cause the rollers to compact the bundle around the mandrel, and means to guide the paper wrapped around the bundle to fold its marginal portions into the ends thereof.

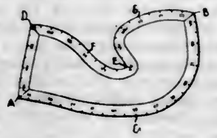
1,569,725. VEHICLE DOOR. HERMAN H. DOEHLER, New Rochelle, and MARC STERN, Brooklyn, N. Y., assignors to Doehler Die-Casting Co., a Corporation of New York. Filed Jan. 3, 1923. Serial No. 610,422. 11 Claims. (Cl. 296—44.)

1. A vehicle door comprising a sheet metal cover member having a marginal portion turned up at an angle to the sheet member with its extremity bent substantially parallel to the sheet member, and a metallic



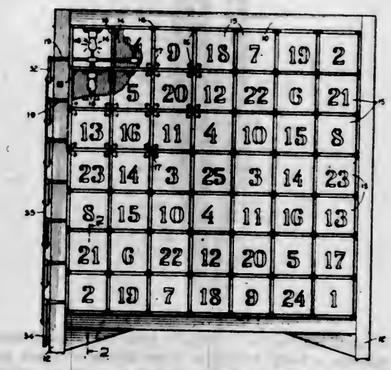
frame cast against the side of the cover member upon the said marginal portion.

1,569,726. GARMENT-PATTERN-DESIGNING SCROLL AND SQUARE. HELEN DOHERTY and JOSEPHINE LE BLANC, Providence, R. I. Filed Dec. 28, 1923. Serial No. 683,229. 2 Claims. (Cl. 33—12.)



1. A one-piece or unit scroll for laying off dress patterns, the scroll having a margin bounded by different curves, each curve being separated from an adjacent curve by angles, one of said angles being a reentering angle, such reentering angle being located opposite the longest side of the scroll.

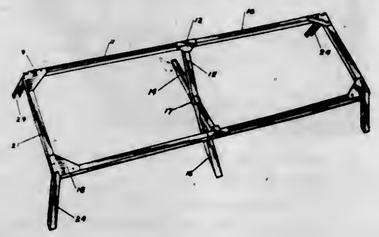
1,569,727. GAME DEVICE. PASQUALE DONATO, New York, N. Y. Filed Oct. 2, 1925. Serial No. 60,010. 2 Claims. (Cl. 273—102.)



1. In a game device of the character described, a plurality of movable targets, indicating means associated with each thereof and operable by the target when struck, said means comprising a common shaft behind said targets and a movable hammer element rotatably mounted thereon behind each target, said hammer element being normally supported by the target in a position slightly beyond the upper vertical position whereby movement of the target will jar the hammer past the

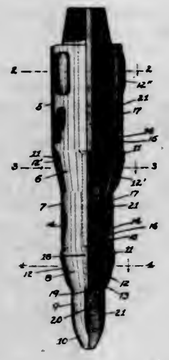
vertical dead-center position to permit it to fall of its own weight, and said hammer element comprising a sleeve, a stem carried thereby, and a head carried by the stem, one end of the head being provided with noise-deadening material.

1,569,728. ALL-STEEL CAMP COT. WILLIAM W. DOUGLAS, WALLACE R. DOUGLAS, MARCELLA DOUGLAS, WILLIAM H. DOUGLAS, and DONALD Q. DOUGLAS, Crete, Nebr. Filed Nov. 17, 1924. Serial No. 750,457. 3 Claims. (Cl. 5—116.)



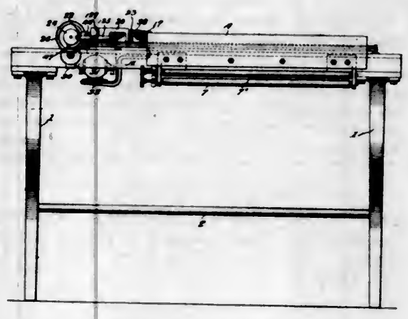
1. A collapsible bed frame having end and side rails forming a rectangular structure, pivotal connections between the end and side rails at the corners of the frame, two of the said connections at diagonally opposite corners of the frame being fixed pivots and the other two of the said connections being pivots which are adapted to slide lengthwise of the respective side rails, the arrangement being such that during the collapsing movement of the frame the side rails maintain their parallel relation.

1,569,729. TOOL FOR STRAIGHTENING WELL CASINGS. OSWALD DUDA, Houston, Tex., assignor to Reed Roller Bit Company, Houston, Tex., a Corporation of Texas. Filed Dec. 27, 1923. Serial No. 682,969. 4 Claims. (Cl. 153—81.)



4. In combination in a rotary tool for straightening well casings, a body having a large diameter upper portion and a reduced diameter lower portion, rollers mounted in pockets of said portions, said body having its lower end extending below the lowermost roller and reduced in diameter in respect to the said reduced diameter lower portion, said body having a flushing fluid conduit extending lengthwise thereof from its upper end with ports extending therefrom through the reduced lower end at a point below the lowermost rollers, substantially as described.

1,569,730. TYING-IN MACHINE. HUGH P. EANES, Asheville, N. C., assignor to Paramount Machine Co., Inc., Asheville, N. C., a Corporation of North Carolina. Filed Oct. 24, 1922. Serial No. 596,548. 22 Claims. (Cl. 28—43.)



1. A thread selecting device including means for guiding a plurality of threads, means for holding the threads within said guiding means, and means controlled by the threads within the guiding means for moving the holding means into engagement with the threads.

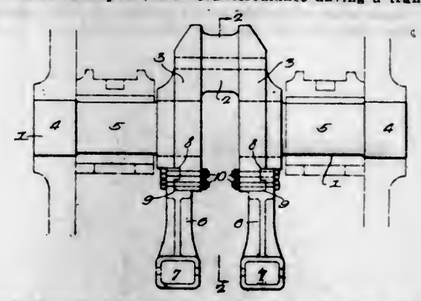
1,569,731. PUMP. CHARLES R. EDWARDS, Houston, Tex. Filed Sept. 18, 1920. Serial No. 411,307. 19 Claims. (Cl. 103—204.)



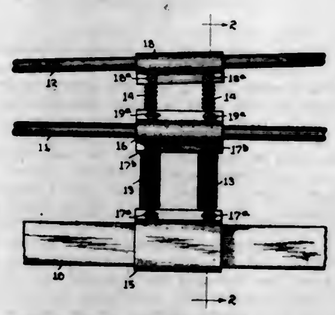
1. A pump including a working barrel, a standing valve therein, a traveling valve reciprocable therein and having a fluid passageway therethrough for ascending fluid and, controlled by an upwardly opening valve, said traveling valve having also a fluid passageway therethrough for descending fluid and controlled by a downwardly opening valve, said last named passageway being provided to conduct a cleansing fluid from within the barrel above the traveling valve and discharge the same into the working barrel beneath said traveling valve and means separating the ascending and descending fluids.

1,569,732. CRANK-AXLE COUNTERBALANCE. EDWARD O. ELLIOTT, Philadelphia, Pa. Filed May 24, 1924. Serial No. 715,763. 2 Claims. (Cl. 74—38.)

1. The combination in a crank axle, of two cheek pieces spaced apart; a crank extending from one cheek piece to the other on one side of the axle, each cheek piece extending on the opposite side of the axle and having a transverse groove therein; a counterbalance for each cheek piece, each counterbalance having a transverse groove adapted to the groove in each cheek piece; and a series of transverse bolts securing the counter balance to the cheek pieces.

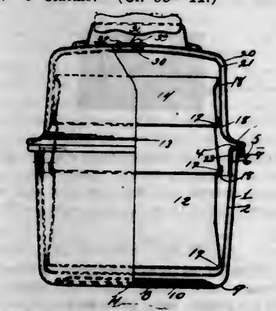


1,569,733. STEERING MECHANISM FOR AUTOMOBILES. FREDERICK E. FANSLER, Acton, Ind. Filed June 26, 1924. Serial No. 722,614. 3 Claims. (Cl. 280—94.)



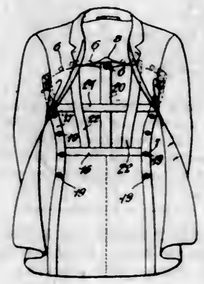
1. A stabilizing and anti-rattling device for the steering mechanism of an automobile comprising clamping elements for attachment to the front axle, tie rod and steering rod of an automobile, a spring member connecting said axle and tie rod clamping element and an additional spring member between said tie rod and steering rod clamping elements, substantially as set forth.

1,569,734. INSULATED VESSEL FOR COOKING, HOLDING, AND SERVING FOOD. GEORGE R. FASSETT, Lakewood, Ohio, assignor to William J. Sanborn, Lakewood, Ohio. Filed Sept. 10, 1923. Serial No. 661,864. 6 Claims. (Cl. 53—11.)



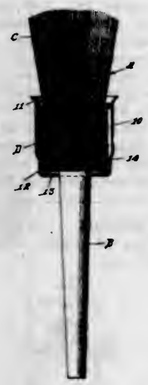
1. A vessel composed of inner and outer walls, said walls being connected above the bottom of the vessel, a metal plate disposed exteriorly to the outer wall at the bottom of the vessel, the outer wall being so formed as to support said metal plate and said outer wall at the bottom of the vessel being spaced from the metal plate whereby to leave an air space between the metal plate and the bottom wall.

1,569,735. COAT. MORDECAI B. FLORSHEIM, Richmond, Va. Filed Apr. 11, 1923. Serial No. 631,348. 1 Claim. (Cl. 2—93.)



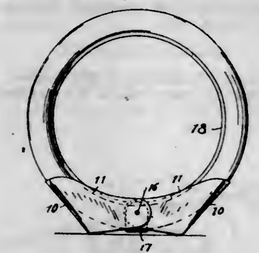
An outer garment of the conventional coat suit type provided with a rear shoulder portion and a back having an opening extending from the lower edge of the shoulder portion to the bottom edge of the garment, fastening means along the marginal edges of said opening, a back member having cooperating fastening means for detachably securing said back member to the garment across the lower edge of the shoulder portion and at adjacent side edges from the said shoulder portion to points adjacent the waist line, and said back member having an open work portion extending from the upper edge to a point adjacent the waist line.

1,569,736. PAINTBRUSH GUARD. UMBERTO FOPPIANO, Valparaiso, Chile. Filed Nov. 17, 1924. Serial No. 750,485. 2 Claims. (Cl. 25—248.)



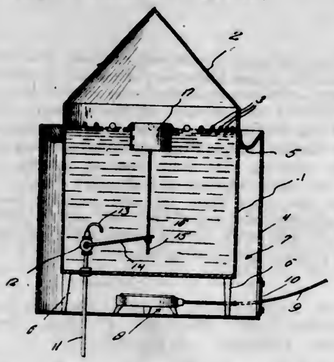
1. In combination with a paint brush, a guard device formed as a shell of greater diameter than the brush ferrule, one end of the shell being formed with a reversely extending flange embedded within the butt end of the brush head.

1,569,737. TIRE STAND. WILLIAM G. FORDING, Lakewood, Ohio. Filed Jan. 17, 1923. Serial No. 613,227. 15 Claims. (Cl. 211—24.)



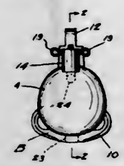
1. A support for a circular article comprising an elongated receptacle adapted to receive a peripheral portion of said article, said receptacle having flexible side and end walls and means carried by the side walls and adapted to be engaged by said article to cause said side walls to grip the article.

1,569,738. POULTRY DRINKING FOUNTAIN. ERNEST L. FORSHEE, Akron, Mich. Filed Feb. 27, 1925. Serial No. 12,028. 1 Claim. (Cl. 119—73.)



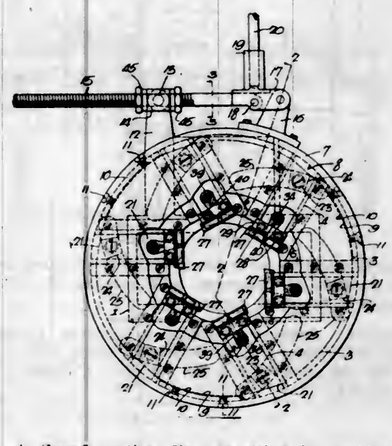
A poultry drinking fountain comprising a cylindrical tank having a conical top, and provided in its side wall with a row of circumferentially spaced water discharge openings adjacent the upper edge thereof, a casing surrounding the tank in spaced relation thereto, the upper end of the casing being bent inwardly, and downwardly, and thence upwardly to provide an annular water trough, the inner wall of said trough engaging the cylindrical tank, the upper edge of the inner wall of the trough being disposed directly below said water discharge openings, and means for automatically maintaining a predetermined water level in the trough.

1,569,739. TOE WEIGHT. CONRAD FREUND, St. Paul, Minn. Filed June 24, 1922. Serial No. 570,573. 4 Claims. (Cl. 168—25.)



1. A toe weight for balancing a horse's hoof, including a hoof-engaging plate, a spring catch carried by said plate, and a weight adapted to be removably held by said catch to said plate.

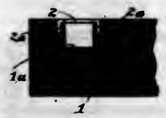
1,569,740. PIPE-THREADING DIE. WARREN E. GLASBY and FREDERIC W. COX, Bridgeton, N. J., assignors to The Cox and Sons Company, Bridgeton, N. J., a Corporation of New Jersey. Filed Nov. 2, 1922. Serial No. 598,575. 11 Claims. (Cl. 10—96.)



1. A thread cutting die comprising in combination, a body, a chaser holder mounted on the body and provided with a recess having back and lateral walls at an acute angle to each other, a chaser formed with longitudinal cutting teeth on its front face and having longitudinal back and lateral bearing surfaces adapted to engage the walls of the said recess, the said chaser also having a longitudinal lateral clamping surface opposite the said lateral bearing surface and a longitudinal groove with a wall adjacent and at an angle to the clamping surface, and a clamp connected with the chaser holder and engaging the clamping surface of the chaser, the said clamp having a hook portion entering the groove in the chaser and engaging the aforesaid wall thereof.

7. A thread cutting die comprising in combination, a body, a chaser holder mounted on the body and having a chaser receiving recess, a chaser formed with longitudinal cutting teeth on its front face and fitting the recess for longitudinal movement therein, a lever pivoted to the holder and engaging the chaser for moving it longitudinally as aforesaid, and means for locking the lever in different positions.

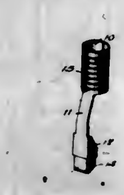
1,569,741. PAVING BLOCK. ALFRED A. GLIDDEN, Watertown, Mass., assignor to Hood Rubber Company, Watertown, Mass., a Corporation of Massachusetts. Filed Nov. 26, 1924. Serial No. 752,389. 2 Claims. (Cl. 94—11.)



1. A paving block of moderately elastic material having grooves or channels in the under face thereof and bars extending across the channels and spaced from the bottoms thereof, said bars having ends anchored in the block.

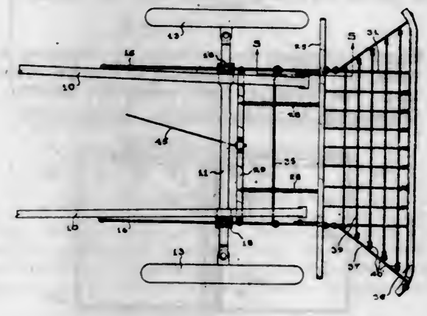
1,569,742. PENCIL ATTACHMENT. JOSEPH B. GOEBLING, Wausau, Wis. Filed Apr. 30, 1923. Serial No. 635,694. 1 Claim. (Cl. 120—84.)

An attachment for writing instruments, comprising an instrument-embracing member mounted for longitudinal movement on the instrument and having an offset resilient arm extending beyond one end thereof, and a rubber carried by the free end of said arm, constituting, respectively, an eraser and a pager disposed in spaced relation to the writing end of the instrument when the arm is projected beyond said end, whereby the writing,



erasing or paging may be accomplished without adjustment of the attachment, the said rubber also constituting a non-slip means for engaging the pocket when the free end of the arm is disposed alongside the writing implement.

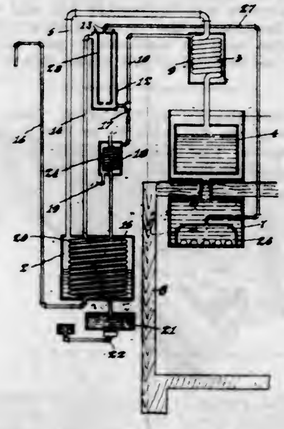
1,569,743. AUTOMOBILE FENDER. LEON E. GOODWIN, Portsmouth, N. H. Filed July 18, 1925. Serial No. 44,575. 7 Claims. (Cl. 293—34.)



1. A vehicle fender comprising a frame adapted to be secured horizontally beneath the vehicle and projecting forwardly therefrom, a back hinged to the forward end of said frame, a bottom hinged to the lower end of the back and extending rearwardly therefrom beneath the frame, hanger bars pivotally connecting the rear end of the bottom to said frame, spring means between the back and the frame for normally urging the back into raised position and the bottom into a lowered forward position, and releasable means for holding the bottom raised and the back in a forwardly swung position.

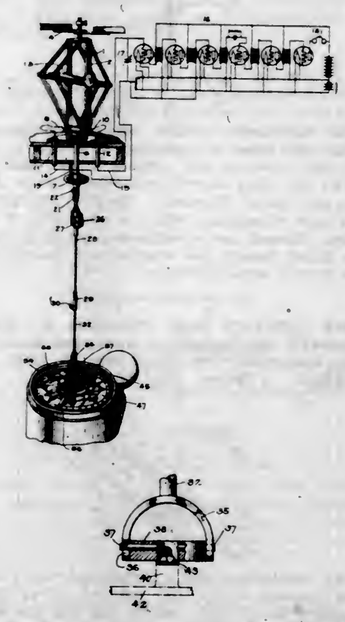
1,569,744. REFRIGERATING SYSTEM AND PROCESS. WILLIAM GREEN, Newton, Mass. Filed Dec. 20, 1922. Serial No. 608,079. 13 Claims. (Cl. 62—178.)

1. In an intermittent absorption refrigerating system, the combination of an absorber, a condenser, connections enabling the refrigerant to flow freely at all times between said absorber and condenser, an expansion chamber into which the condensed refrigerant flows by gravity from said condenser during the condensing period, said condenser and chamber being constantly in free communication with each other, and means for varying the



rate of heat transfer of said expansion chamber at a given differential temperature at different periods in the cycle of operations of the system.

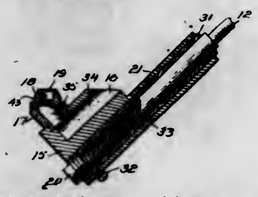
1,569,745. RADIOCOMPASS READING DEVICE FOR SHIPS. EOLINE R. HAND, Toledo, Ohio. Filed Aug. 30, 1923. Serial No. 660,118. 15 Claims. (Cl. 250—11.)



1. A radio compass reading device for shipboard, comprising in combination a loop antenna, means for rotating said loop antenna, a magnetic compass, a reading bar pivoted on said magnetic compass, said reading bar

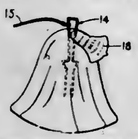
and magnetic compass being so arranged that said bearing bar is substantially parallel to said magnetic compass and remains substantially horizontal with respect to the earth independent of the position of the ship, a connection between said bearing bar and said shaft and means for determining the direction of a radio transmitting station and the angle which said loop antenna makes with the fore-and-aft line of the ship.

1,569,746. SOLDERING APPARATUS. JOHN H. HANKEY, Hagerstown, Md., assignor to The W. H. Reisner Mfg. Company, Hagerstown, Md., a Corporation of Maryland. Filed Sept. 15, 1924. Serial No. 737,852. 6 Claims. (Cl. 113—107.)



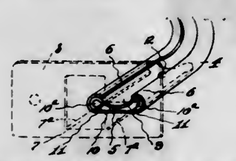
1. Soldering apparatus comprising in combination a soldering fountain and a flux fountain, said solder fountain consisting of a pair of balancing columns disposed at right angles one with respect to the other, one of said columns being substantially longer than the other of said columns and means for conductively heating solder contained in said columns.

1,569,747. CANDY CONFECTION. CHARLES F. HAUG, Brooklyn, N. Y. Filed Dec. 21, 1923. Serial No. 681,996. 2 Claims. (Cl. 206—46.)



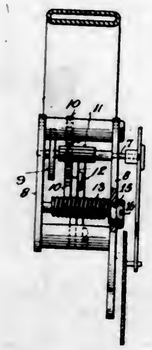
1. The combination with a candy confection having an ornamental form, of a wrapper of brilliantly colored, highly light reflecting foil wrapped around said confection with the edges thereof protruding beneath the confection and folded thereunder, the foil wrapper being pressed into engagement with the confection to assume the shape thereof, and a supporting staple having two prongs forced through the wrapper and into the confection to form a support therefor.

1,569,748. CURTAIN ROD. FREDERICK L. HAWKINS, Mishawaka, Ind., assignor to Mishawaka Novelty Company, Mishawaka, Ind. Filed Feb. 19, 1925. Serial No. 10,370. 5 Claims. (Cl. 156—19.)



1. The combination with a curtain rod end, a supporting lug disposed within said rod end, of an inwardly transversely bowed plate within the rod end and cooperating with the lug for frictionally binding the same against the rod end, and means carried by the bowed plates and forced into frictional engagement with opposite edges of the lug when the lug is forced between the bowed plate and the rod end.

1,569,749. RETARD DEVICE FOR BOURDON GAUGES. OTTO W. HEISE, Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y., a Corporation of New Jersey. Filed Aug. 27, 1921. Serial No. 496,088. 6 Claims. (Cl. 73—100.)



2. A pressure gauge having a Bourdon tube, a movable index, connections comprising a rocking segment for transmitting movement from the tube to the index, an elongate spring extending transversely across the path of movement of the segment, and a normally fixed but rotatable support to which one end of the spring is fixedly secured and by means of which the spring may be bodily shifted, said support being provided with a slot for the reception of a screw driver for turning it.

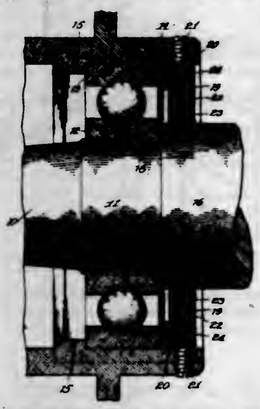
1,569,750. LEDGER RACK. OTTO L. HERMANN, St. Louis, Mo., assignor to Corbon L. Harvey, Detroit, Mich. Filed Feb. 2, 1923. Serial No. 616,527. 6 Claims. (Cl. 45—57.)



1. In an open front rack for a loose leaf ledger, ledger supporting surfaces, a central upright partition for engaging the inside edges of the backs and leaves of the open ledger, a relatively low rear wall at right angles to said partition for engaging the top edges of the ledger leaves on both sides of said partition, said wall being recessed near its bottom to receive the top edges of the ledger back projecting beyond the leaves, and a member extending above the top of said partition and wall at the center only of the latter and aligned with said wall for guiding the ledger leaves as they are turned from the back on one side of the partition to the back on the other side thereof.

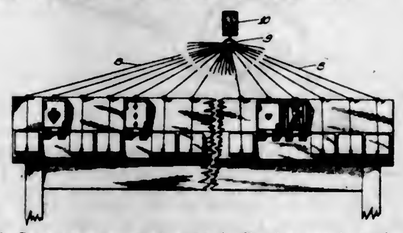
1,569,751. DUSTPROOF BEARING. HOWARD R. HIGGINS, Glen Ellyn, Ill., assignor, by mesne assignments, to Marlin-Rockwell Corporation, Jamestown, N. Y., a Corporation of New York. Filed Nov. 20, 1922. Serial No. 602,009. 4 Claims. (Cl. 308—187.)

4. In combination, an axle having a cylindrical surface, a wheel journalled on said axle, a portion of said wheel surrounding said cylindrical surface, a substantially plane surface adjacent said cylindrical surface and perpendicular thereto and affixed to said axle, a member carried by said wheel and felt washers carried by said



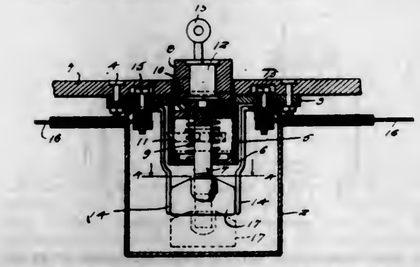
member and having sliding bearing upon said cylindrical surface of the axle and plane surface to prevent dust from entering the bearing.

1,569,752. PRIZE GAME APPARATUS. HARUE HIRAKAWA, San Diego, Calif. Filed July 17, 1923. Serial No. 652,057. 5 Claims. (Cl. 273—139.)



1. In a game apparatus, an inclined support, a plurality of game members, having playing cards on their normally concealed sides, pivotally mounted on said support intermediate its upper and lower edges, and means for independently shifting said game members about their pivotal axes for exposing their normally concealed sides.

1,569,753. ELECTRIC SWITCH LOCK. LOUIE CLARK HUTCHINSON, Montgomery, Ala., assignor of twenty one-hundredths to Benjamin B. Carter and thirty-five one-hundredths to Thomas C. Underwood, both of Gardena, Calif. Filed June 14, 1924. Serial No. 720,133. 3 Claims. (Cl. 200—44.)



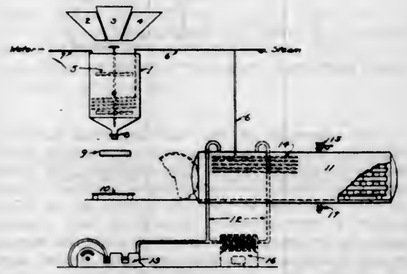
1. A switch lock comprising a supporting member, said supporting member having an extension, a lock device rotatably and slidably mounted in said extension, a contact carried by the lock device beyond one end of the extension, contacts carried by said member outwardly of the extension and coacting with the first mentioned contact.

1,569,754. COMBINATION PASSENGER, DAY, AND SLEEPING COACH. ALBERT E. HUTT, Ardmore, Pa. Filed July 14, 1925. Serial No. 43,491. 7 Claims. (Cl. 105—315.)



1. In a passenger railroad coach, an outer longitudinally extending aisle, located at one side of said coach and extending parallel thereto, and transverse upper and lower passenger compartments permanently positioned between said aisle and the other side of the coach and in vertical alignment, each permanent compartment consisting of a standing portion in which the height or head room is greater than that of the average standing passenger, and a seating or lying down portion, in which the height or head room is greater than that of a seated or reclining passenger, the resting or lying down portion of the permanent upper compartments being located above the standing portion of the permanent lower compartments, and the standing portion of the permanent lower compartments, and the standing portion of the permanent upper compartments, being located above the seating or lying down portion of said permanent lower compartments.

1,569,755. HEAT-INSULATING MATERIAL AND PROCESS OF MAKING MOLDED BODIES THEREOF. WEBB T. IRVIN, Lompoc, Calif., assignor to The Celite Company, Los Angeles, Calif., a Corporation of Delaware. Filed Dec. 24, 1924. Serial No. 757,844. 15 Claims. (Cl. 18—47.5.)

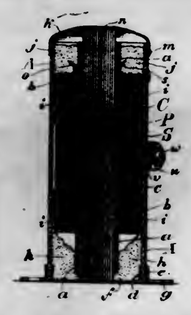


1. In the process of making molded heat insulating bodies comprising diatomaceous earth and an alkaline earth, a molding operation and a combined hardening and drying operation comprising exposure of the molded bodies to large volumes of air under pressure.

1,569,756. IGNITION COIL. ARTHUR ATWATER KENT, Ardmore, Pa. Filed May 3, 1922. Serial No. 558,239. 4 Claims. (Cl. 175—360.)

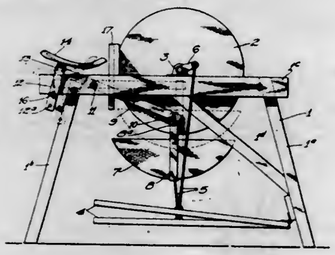
1. An ignition induction coil utilized in a closed circuit ignition system comprising a casing of rigid insulating material, metallic end closures secured to said

casing on opposite ends thereof, an induction coil unit in said casing held between said end closures and comprising a central straight core of wires abutting against and confined between said metallic end closures, a primary



winding surrounding said core adjacent thereto, and a secondary winding, the contacts between the core wires and said end closures conducting away heat generated in said primary winding at a rate to prevent abnormal temperature rise of said primary winding.

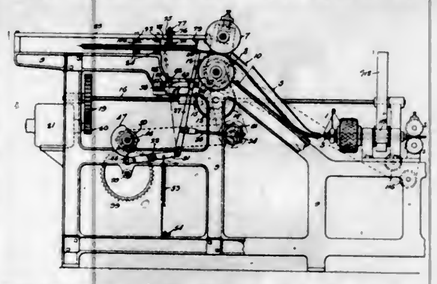
1,569,757. GRINDSTONE. JOSEPH H. KING, San Diego, Calif. Filed Mar. 3, 1923. Serial No. 622,536. 3 Claims. (Cl. 51—267.)



1. An apparatus of the class described including a supporting frame, a grinding member revolubly mounted thereon, a manual means for revolving said grinding member, a trough for said grinding member, vertically shiftably positioned at the lower portion of the grinding member, a lever pivotally mounted on said supporting frame, to the one end of which is pivotally connected the trough and a seat member supported at the opposite end of said lever, upon which the operator sits for manually revolving said grinding member and for vertically shifting said trough when the operator gets off of said seat.

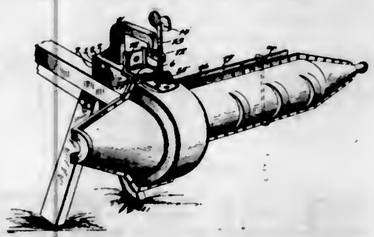
1,569,758. GRASS-TWINE MACHINE. MARTIN KOECK, Jr., Fond du Lac, Wis., assignor to Deltox Rug Company, Oshkosh, Wis., a Corporation of Wisconsin. Filed Mar. 16, 1923. Serial No. 625,499. 16 Claims. (Cl. 117—11.)

1. In a grass twine machine the combination of a conduit, feed rolls adjacent the conduit, levers, nippers pivoted to the levers and adapted to transfer grass lengthwise from the conduit to the rolls, cranks connected with the nippers and adapted to swing them back and forth between the conduit and feed rolls, and cams cooperating



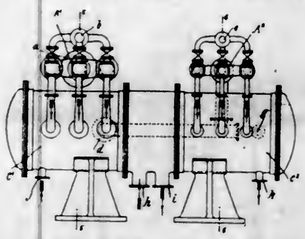
with the levers to shift the nippers into the path of the grass on their forward movement and out of the path of the grass on their backward movement.

1,569,759. RIVETING APPARATUS. WILLIAM G. LEAZAR, Kerrville, Tex. Filed July 29, 1924. Serial No. 728,931. 4 Claims. (Cl. 78—101.)



1. A riveting apparatus for riveting arms on crank cases, the same comprising a riveting block provided with means for holding it on a bench or other support, a supporting member carried by the riveting block and having a laterally projecting arm, a holder suspended from said arm and adapted to support a crank case at a point remote from the riveting block, and a clamp operatively supported on the riveting block for bearing engagement upon a crank case arm and holding it in contact with the crank case and the latter in contact with the riveting block.

1,569,760. AIR EJECTOR. CHARLES LEONARD ARMAND MAURICE LEBLANC, Paris, France, assignor to Société Anonyme pour l'Exploitation des Procédés Maurice Leblanc-Vickers, Paris, France. Filed Sept. 19, 1922. Serial No. 589,177. 3 Claims. (Cl. 230—13.)



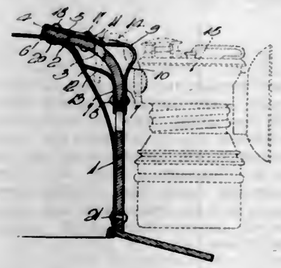
1. The combination with a main condenser of an air extractor including two stages of steam ejectors mounted in series, each of said stages including a plurality of ejectors mounted in parallel, means for supplying steam to either or both of said ejector stages, a first auxiliary condenser associated with one of said ejector stages and comprising concentric bundles of water tubes, a partition separating said bundles of tubes, means for directing water from said main condenser through the outer bundle of water tubes and thence through the inner bundle of water tubes, means for directing steam from said first stage of ejectors into the inner bundle of water tubes and thence to the outer bundle of water tubes, a second auxiliary condenser associated with the other of said ejector stages and comprising two concentric bundles of water tubes, means for directing water from said first condenser to the inner bundle of tubes of said second condenser and thence to the outer bundle of tubes of said second condenser and means for directing steam from the other stage of steam ejectors into the outer bundle of water tubes of said second condenser.

1,569,761. FIGURE WHEELED TOY. JOHN EDMOND LEE, Buffalo, N. Y. Filed Sept. 8, 1924. Serial No. 736,635. 1 Claim. (Cl. 46—45.)



In a figure wheeled toy, the combination with a horse and wagon, of slotted swingable legs on the horse, rotatable spindle mounted in the interior of the horse and adapted to pass through the slots in the legs, cams on the spindles adapted to rotate in the slots to swing the legs, lower foreleg portions jointed on the swingable upper foreleg portions, lower foreleg actuating strips having orifices in their upper ends into which the leg actuating cams are inserted, means for securing the lower ends of the strips to the lower forelegs so that they have a swinging movement as the strips are reciprocated by the rotatable movement of the cams.

1,569,762. MINER'S LAMP HOLDER. FRED LEWIS, Lejunior, Ky. Filed Aug. 10, 1925. Serial No. 49,378. 2 Claims. (Cl. 240—60.)



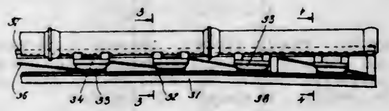
1. A miner's lamp support comprising a vertical piece of non-metallic heat insulating material having a rearwardly directed upper end formed with a vertical opening, a sheet metal plate bent substantially upon itself between its ends to provide upper and lower plate-like portions which contact with the upper and lower sides of said rearwardly directed end of the heat insulating material, the free ends of said plate-like portions being vertically disposed and secured against the front and rear sides of the insulating member below the bend of the latter, the intermediate part of the upper plate-like portion being forwardly offset from the heat-insulating material and formed with a vertical slot and with an opening alined with the first named opening, the intermediate part of the lower plate-like portion being downwardly offset from the heat insulating material and being formed with an opening alined with the aforesaid openings, the three openings in the slot being adapted to jointly receive the hook of a carbide lamp, said openings being each of annular-walled form to hold the hook against lateral movement.

1,569,763. METHOD OF AND APPARATUS FOR DRIVING PILES. FERDINAND J. LITTER, New York, N. Y., assignor to McKiernan-Terry Drill Company, Dover, N. J., a Corporation of New Jersey. Filed July 10, 1923. Serial No. 650,576. 15 Claims. (Cl. 61—76.)



4. Pile driving and guiding apparatus comprising a guide rail, a carriage slidably mounted thereon, a hammer on said carriage and means on the carriage for holding a pile intermediate its ends.

1,569,764. APPARATUS FOR LAYING PIPE. WILLARD D. LOCKWOOD, Philadelphia, Pa., assignor to Frederick Snare Corporation, New York, N. Y., a Corporation of New York. Filed Feb. 14, 1923. Serial No. 618,931. 1 Claim. (Cl. 61—72.



Apparatus for assembling, joining and testing units of pipe sections comprising a scow, a supporting structure mounted thereon, a track carried by said structure, trucks on said track having supports for the pipe sections and guide rails on said supporting structure, one end portion of the track being inclined downwardly to permit the trucks to roll downwardly and cause the pipe sections to rest on said guide rails.

1,569,765. GOLF PUTTER. WILLIAM LOWELL, Maplewood, N. J. Filed Nov. 13, 1925. Serial No. 68,752. 4 Claims. (Cl. 273—80.)

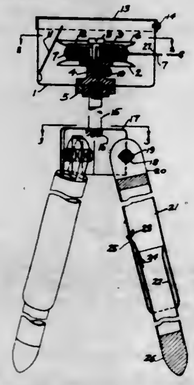
1. A golf putter having means for a limited adjustability of handle or grip over a length of a shaft rigidly

secured to a striking head throughout substantially half the upper end of said shaft, comprising two separated



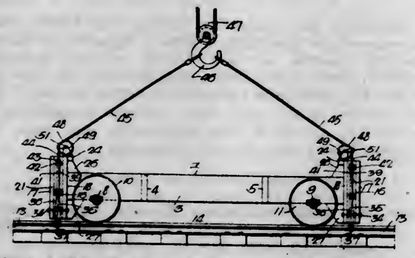
bearings for firm adjustment, one being at the end of the shaft and the other at the inner end of the handle or grip.

1,569,766. GOLF PRACTICE APPARATUS AND HEAD-MOVEMENT DETECTOR. JOHN MCARDLE, Detroit, Mich. Filed Aug. 18, 1924. Serial No. 732,785. 7 Claims. (Cl. 273—35.)



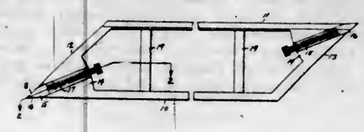
1. In a golf stroke practice apparatus and head movement detector, the combination of means for producing sound, means for supporting sound mechanism, and means for initiating said sound by movement of the head.

1,569,767. TRACK LIFTER. MICHAEL J. MCMENAMIN and CHARLES NIXON, Philadelphia, and REESE D. GREENLAND, Bedford, Pa. Filed Feb. 27, 1924. Serial No. 695,554. 10 Claims. (Cl. 294—67.)



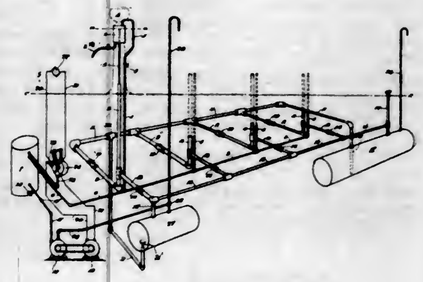
1. Apparatus comprising a supporting structure, a plurality of clamping devices adapted to engage a member to be lifted, hoisting means operatively associated with said supporting structure and anti-friction guiding means for said hoisting means.

1,569,768. PLASTERER'S MITERING PLANE. JAMES MCNAMARA, Jr., Portland, Oreg. Filed Jan. 28, 1924. Serial No. 689,123. 4 Claims. (Cl. 72—138.)



1. A plasterer's plane consisting of a quadrilateral frame having two opposite long sides, one of which is rounded and the other straight, and having two short sides forming acute angles at opposite corners of said frame; and an adjustable bit placed across the edges of said acute angles.

1,569,769. LIQUID STORAGE AND SUPPLY SYSTEM. GEORGE W. MACKENZIE, Beaver, Pa., assignor to Guarantee Liquid Measure Company, Rochester, Pa., a Corporation of Delaware. Filed Dec. 17, 1920. Serial No. 431,512. 2 Claims. (Cl. 221—99.)

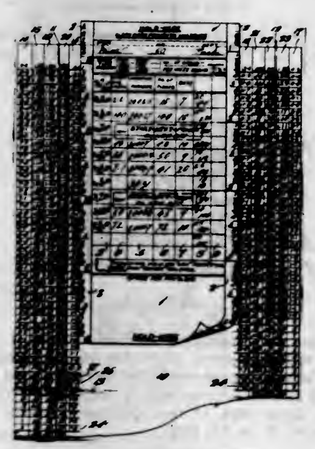


1. A liquid storage and dispensing system comprising a storage tank, a plurality of dispensing devices, a common supply line leading from the storage tank to the dispensing devices, a common return line connected with each dispensing device, and auxiliary tank with which the return line connects, a check valve between each dispenser and the supply line, a check valve between each dispenser and the return line, and means whereby liquid from the auxiliary tank may be returned directly to the supply line.

1,569,770. MEANS OF COMPUTATION. GORDON T. MALAN, Philadelphia, Pa. Filed Apr. 2, 1925. Serial No. 20,068. 7 Claims. (Cl. 283—1.)

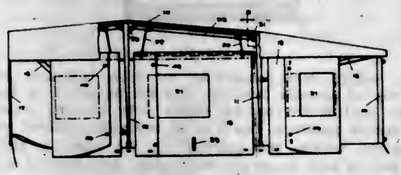
1. In a device of the character stated, a table comprising a time scale, a time interval column substantially parallel to said time scale having therein numbers representing the time increments corresponding to and in operative alinement with the respective graduations on the time scale, and a factor column also extending

substantially parallel to said time scale and time increment column containing progressive series of numbers representing the precalculated cumulative cost factors



corresponding to and in operative alinement with the respective graduations on said time scale, as well as the respective time increments in said time increment column.

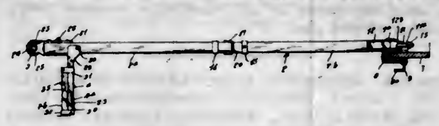
1,569,771. AUTOMOBILE TOP. ERASTUS M. MAXWELL, Cardinal, Va., assignor of one-third to I. K. Hearn and one-third to W. I. Clements, both of Norfolk, Va. Filed Oct. 4, 1922. Serial No. 592,286. 1 Claim. (Cl. 296—140.)



A vehicle top including transverse bows, a covering thereon, longitudinal spring rollers supported from the crown portions of said bows intermediate the side portions of said bows, side curtains, cords connected to the curtains and rollers at longitudinally spaced points so that the cords wind helically on the rollers between the ends thereof, and transversely curved plates secured to the bows within the corner portions thereof between the crown and side portions of the bows, said plates bracing the bows and guiding the cords and curtains over the plates between the side and crown portions of the bows, the side curtains when lowered being shiftable longitudinally to bring the edges of the curtains at the opposite sides together, and the curtains being shiftable and foldable in order that they may move over said plates and between the crown portions of the bows.

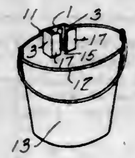
1,569,772. AUTOMOBILE BED. RICHARD W. MAYNE, Globe, Ariz. Filed Apr. 24, 1924. Serial No. 708,750. 5 Claims. (Cl. 5—110.)

1. A bed comprising a head bar, angular bolts secured to and extending longitudinally and transversely from the head bar, side rails, straps secured to the side rails and having pivotal and slidable connection with



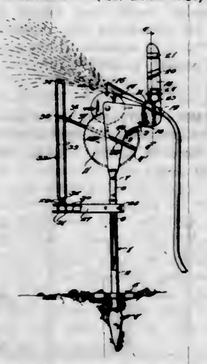
said bolts, a foot bar removably secured to the side rails, a flexible mattress, and supporting elements.

1,569,773. SOAP HOLDER FOR PAILS. ANNA MILLER, Chicago, Ill. Filed June 27, 1923, Serial No. 648,004. Renewed Nov. 30, 1925. 1 Claim. (Cl. 45—28.)



A soap holder for pails made from a single blank of sheet metal and including a back portion having clamp fingers struck out therefrom and integrally attached to the back portion at their upper ends, the said fingers being bent outwardly and downwardly to form shoulders adapted to seat over the rim of the pail; a bottom portion perpendicular to the back portion and formed with a medial opening therein; fastening tabs bent perpendicularly upward from the bifurcated bottom portion; side portions and frontal portions, the edges of the latter falling flush with the outer edges of the medial opening of the bottom portion, and bearing against and being adapted to be fastened to the said upturned fastening tabs, whereby the medial opening of the bottom portion is extended through to the top of the holder.

1,569,774. AUTOMATIC HOSE HOLDER. ROBERT J. MITCHELL, Richmond, Mo. Filed Nov. 6, 1924. Serial No. 748,158. 6 Claims. (Cl. 299—68.)



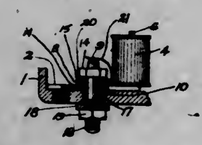
1. In a device of the class described, a relatively stationary member, a member supported thereon for oscillatory movement, means upon the oscillatory member for supporting a hose nozzle, a fluid-impact rotor upon the oscillatory member adapted to be operated through the medium of a stream of water delivered from a hose nozzle carried by said nozzle supporting means, a shaft rotatably carried by said oscillatory member and having a crank portion at one end, means operatively connecting said shaft and rotor to cause said shaft to be rotated

by said rotor, and a stationary guide element carried by said stationary member and engaging said crank portion to cause oscillation of said oscillatory member during rotation of said shaft.

1,569,775. SYNTHETIC MANUFACTURE OF METHANOL. ALWIN MITTASCH, Ludwigshafen-on-the-Rhine, and MATHIAS PIER, Heidelberg, Germany, assignors to Badische-Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany, a Corporation of Germany. Filed Sept. 4, 1924. Serial No. 735,823. 3 Claims. (Cl. 260—156.)

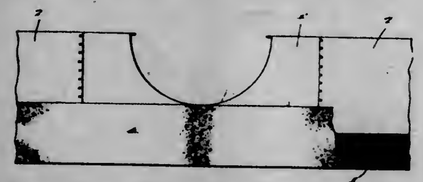
1. In the process of manufacturing methanol by the interaction of carbon monoxid and hydrogen in the presence of a catalyst capable of causing the formation of methanol by the said interaction, the step of completely excluding iron from the reaction.

1,569,776. TERMINAL FOR TELEPHONE RECEIVERS. DAVID H. MOSS, Newark, N. J., assignor, by mesne assignments, to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Filed Feb. 27, 1925. Serial No. 12,148. 3 Claims. (Cl. 179—114.)



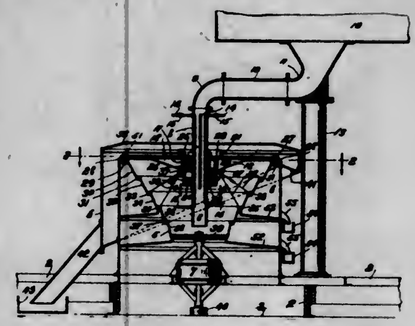
1. An electromagnetic sound reproducer, comprising in combination a casing, an electromagnetic operating mechanism carried within said casing, a pair of terminal posts projecting through the rear wall of said casing for mechanically securing said electromagnetic operating mechanism in position and electrically completing connections between said electromagnetic operating mechanism and the exterior of said casing, said terminal posts comprising screw threaded shanks having enlarged irregularly shaped heads adjacent one end thereof with soldering heads extending from said irregularly shaped heads and extending into said casing, insulating means concentrically disposed upon said screw threaded shanks and substantially separating the surfaces of said casing from said terminal posts, and teeth formed on said enlarged heads for distorting the shape of said insulating means whereby said terminal posts are rigidly secured in position with respect to said casing.

1,569,777. FLUME. GOTTLIEB MUEHLEISEN, Alma, Wis., assignor to National Soil Conservation Company, Alma, Wis. Filed Nov. 3, 1922. Serial No. 598,829. 1 Claim. (Cl. 61—15.)



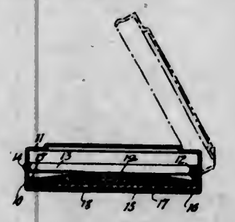
A flume construction comprising a vertically disposed head plate having a recess in its upper face to receive one end of a conduit, the head plate and wing plates together defining a U, a wing plate secured to each of the vertical edges of the head plate, a vertically arranged U-shaped masonry wall against which the head plate and wing plate contact, a reticulated strip secured to the lower edges of the wing plates and head plate and forming a bond between the masonry wall and said plates.

1,569,778. CONTINUOUS AUTOMATIC SEPARATOR. EDWARD S. MURPHY, Central Miranda, Cuba. Filed Sept. 7, 1921. Serial No. 499,082. 2 Claims. (Cl. 210—76.)



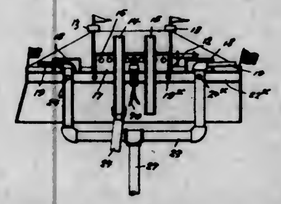
1. A rotor for centrifugal machines provided with a disc, side walls composed of frustra of increasing slope from the bottom up, whereby the ejecting force of the rotor when in use is progressively increased, a top ring about the upper edge of the uppermost frustra and a spider secured to the top ring.

1,569,779. VANITY CASE. CHARLES NACHEMOV, New York, N. Y. Filed June 6, 1925. Serial No. 35,311. 1 Claim. (Cl. 132—83.)



A vanity case comprising an open bottomed body having an annular inwardly directed flange at its lower edge, said flange having radial slits therein, defining at spaced points a plurality of bendable resilient arms disposed within the interior of the case, a mirror framed by said flange and frictionally held by said arms.

1,569,780. AMUSEMENT APPARATUS. THOMAS R. NOCK, Wachapreague, Va. Filed Oct. 10, 1924. Serial No. 742,888. 4 Claims. (Cl. 272—29.)



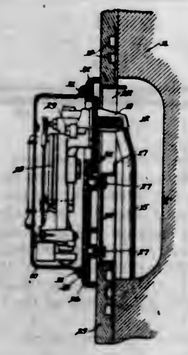
1. In an amusement apparatus, a boat simulation having a tube representing a smoke stack and also having turret representations and tubes representing guns carried by and extending from said turret representations and further having a chamber and broad side tubes representing guns in communication with said chamber, the smoke stack tube being adapted to be connected with smoke supply means, and the turret representing guns being combined with pipes adapted to be connected with a source of smoke supply and having openings in communication with said chamber for the passage of smoke to the tubes representing broad side guns.

1,569,781. PICTURE AND OBJECT TARGET. ROBERT P. ORR, Schenectady, N. Y. Filed Jan. 22, 1925. Serial No. 4,114. 1 Claim. (Cl. 124—15.)



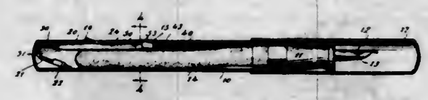
An archer's target comprising a body formed with openings therein, members pivotally secured to said body and mounted to normally cover said openings, said members being adapted to swing through different openings when struck by an arrow and then back to their normal position covering said openings after the arrow has passed, each of said members being provided with a picture of an animal thereon, said pictures being adapted to be marked by an arrow when struck, while the members by their swinging movement permit the arrow to pass through the aperture.

1,569,782. MOUNT FOR THERMOSTATS. ARTHUR J. OTTO and CARL A. OTTO, Milwaukee, Wis., assignors to Johnson Service Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed July 8, 1925. Serial No. 42,333. 7 Claims. (Cl. 236—1.)



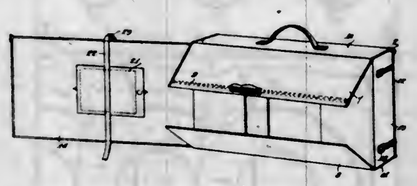
1. In a mounting for control instruments, the combination of a movable pipe head; a mount adapted to be fixed in a wall, and having an aperture through which said pipe head may be moved; a base releasably supported on said mount; means for connecting said pipe head to said mount at the rear thereof when said pipe head is retracted; and means for connecting said pipe head to said base when the latter is drawn forward through said aperture.

1,569,783. FOUNTAIN PEN. ERIC G. PEARSON, New York, N. Y., assignor to Eagle Pencil Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 16, 1922. Serial No. 588,545. 3 Claims. (Cl. 120—46.)



1. In a self-filling fountain pen, the combination with a tubular casing open at one end and having a longitudinal slot in the side thereof, and a collapsible ink reservoir in the casing, of pressing mechanism comprising a supporting strip having a longitudinal slot secured within the casing against the casing wall with its slot in alignment with the slot in the casing and having inwardly extending side flanges of greater length than its slot, a presser strip normally held close to the supporting strip and movable away therefrom, and an operating lever pivotally mounted on a pin extending between said side flanges and movable in said slots to force the presser strip against the collapsible reservoir.

1,569,784. LAUNDRY CASE. HOWARD E. PLIMPTON, Norwood, Mass., assignor to H. E. Plimpton Manufacturing Co., Inc., Norwood, Mass., a Corporation of Massachusetts. Filed May 28, 1924. Serial No. 716,421. 2 Claims. (Cl. 150—52.)

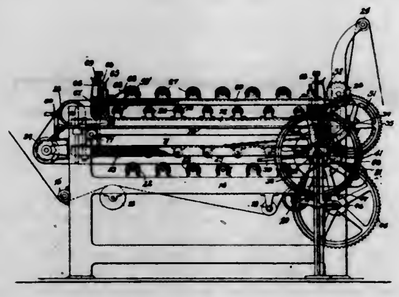


1. A laundry case, comprising a filler formed with a pair of flaps serving as a lid therefor, a casing for said filler having a side wall formed of a pair of flaps one extending from the top wall of the casing and the other from the bottom wall thereof, and said filler being adapted to be fitted in the casing with its lid occurring adjacent the flaps forming a side wall of said casing, and each flap of the casing being folded upon itself along its free and longitudinal edge to form a pocket, said pockets being positioned for receiving the free edges of the flaps of the filler, whereby the flaps of the filler and the flaps of the casing may be opened and closed together, and a cover flap hingedly secured to one end wall of the casing and adapted to fold upon the casing flaps and extend the entire length of the casing, and means for securing the free end of the cover flap to the associated end of the casing.

1,569,785. COMBINED FINISHING MACHINE FOR PILE FABRICS. MAX POPITSCH, Ridgewood, N. J. Filed Jan. 18, 1923. Serial No. 613,462. 8 Claims. (Cl. 26—29.)

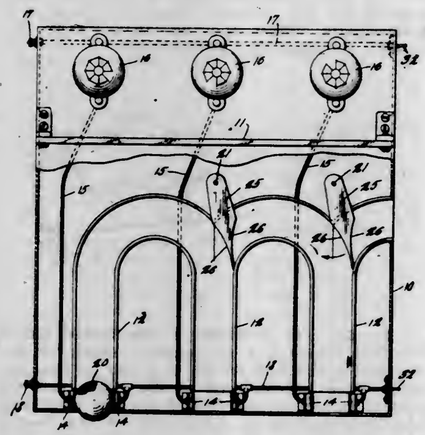
1. A pile raising machine of the character described, comprising a plurality of pile raising rollers, said rollers being arranged in sets, one set of rollers being movable as a unit toward and from the other, means for

adjusting and locking said set of rollers in different positions in respect to the other set of rollers, means for forcing a strip of cloth through the machine so as to



be acted on by both sets of rollers, and spreading means for spreading cloth immediately before it approaches the respective set of rollers.

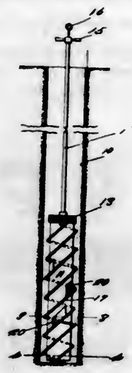
1,569,786. TARGET. JACOB E. POPOFF, Cambridge, Mass. Filed Feb. 10, 1925. Serial No. 8,267. 2 Claims. (Cl. 273—101.)



1. A target of the character described comprising a casing, a plurality of channeled horseshoe shaped members arranged within the casin and tilted forwardly therein, switch members included between the horseshoe members, means included upon the upper portion or the switch means for moving the same laterally therein, spaced contact members arranged adjacent the forward end portions of the horseshoe members and electric signalling means connected in circuit with the contact members for registering a shot.

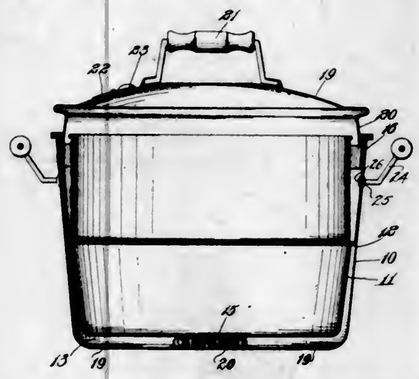
1,569,787. SAND-REMOVING DEVICE. GEORGE A. ROBERTSON, Youngstown, Ohio. Filed Mar. 28, 1925. Serial No. 19,070. 2 Claims. (Cl. 255—68.)

1. A sand removing device of the character described comprising a tubular casing including a bottom and removable closure cap, a plurality of spiraled cutting blades arranged upon the outer side walls of the tubing, a plurality of auxiliary cutting blades struck outwardly from the outer side walls of the tubing and adjacent the spiraled cutting blade, and a pair of oppositely disposed



cutter blades arranged upon the bottom of the tubing and including flap valves arranged therewith substantially as set forth.

1,569,788. CULINARY UTENSIL. WILLIAM J. SANBORN, Cleveland, Ohio. Filed Aug. 30, 1924. Serial No. 735,160. 9 Claims. (Cl. 53—1.)

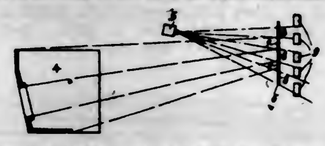


1. A vessel of the character described comprising an inner shell and an outer shell extending in approximately parallel spaced relation across the bottom of the vessel and approximately half way up the inner shell to provide an air chamber between the inner and outer shells, the outer shell at the top of the air chamber extending inward into approximate contact with the inner shell, then extending up to the top of the inner shell, and being engaged therewith at the rim of the vessel.

1,569,789. MAKING MOVING PICTURES. EUGEN SCHÜFFTAN, Berlin-Wilmersdorf, Germany. Filed Sept. 15, 1923. Serial No. 663,011. 15 Claims. (Cl. 88—16.)

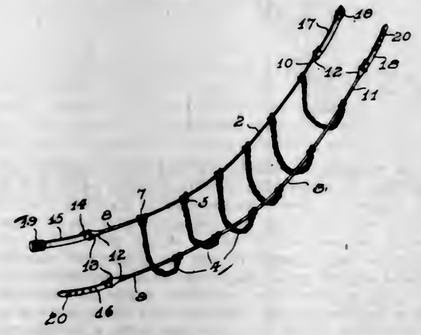
1. The art of making composite motion pictures of a set or scene and a second set which is complementary to the first set or scene which comprises arranging a light transmitting member between the first set or scene and a camera, forming an image of a portion of one of the sets or scenes on a frame of the camera, simultaneously

forming an image on the same frame of the complementary set or scene with a reflecting surface on the light transmitting member, said light transmitting mem-



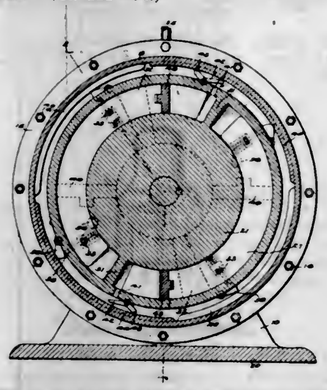
ber extending beyond the reflecting surface for blending the adjacent edges of the two images into each other by the coordination of the reflecting surface and the transparent member.

1,569,790. ANTISKID DEVICE FOR AUTOS. JOHN WALTER SEEGER, Washington, D. C., assignor to Seeger Chain Company, Incorporated, Washington, D. C., a Corporation of Delaware. Filed Feb. 18, 1925. Serial No. 10,012. 2 Claims. (Cl. 152—14.)



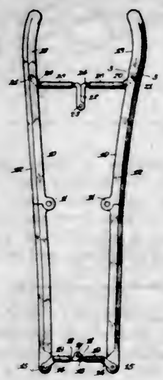
1. An anti-skid device for pneumatic tires consisting of a pair of flexible cables each having at spaced intervals a series of projections, cross-chains connecting these cables, the end-links of these cross-chains being pivotally connected to the cables in straddling relation to the projections, and means at the ends of the cables for fastening the appliance to a wheel.

1,569,791. ROTARY ENGINE. JOHN W. SHEPARD, Tucson, Ariz. Filed Sept. 7, 1922. Serial No. 586,676. 5 Claims. (Cl. 121—74.)



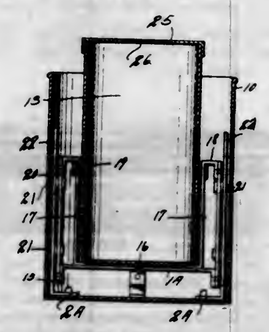
1. A rotary engine comprising a stator having an annular steam chest, a rotor in the stator and forming the inner wall of the steam chest, one side of said rotor being formed inwardly of the periphery of the rotor with an annular groove defining a high pressure chamber, the other side of the rotor being formed inwardly of the periphery of the rotory with an annular groove of a greater volume than said first named groove, and forming a low pressure chamber, there being transverse openings in the rotor for establishing communication between the high and low pressure chambers, spring actuated valves for normally closing said transverse openings, cam carried by the stator for periodically unseating said valves and thereby periodically establishing communication between the oppositely located high and low pressure chambers.

1,569,792. TROUSERS CREASER. ALVIN TIPTON SMITH, Los Angeles, Calif. Filed May 22, 1924. Serial No. 715,148. 1 Claim. (Cl. 223—19.)



A trousers stretcher and creaser including side bars, a stretching assemblage forming a connection between said side bars near the lower ends thereof, and a second stretching assemblage forming connection between the bars near the other ends thereof, each of said assemblages being offset at their outer ends and pivoted at their said outer ends to the said side bars and having a joint at the center formed with lateral members pivotally connected by pivots offset from a line passing through the pivots of said outer ends so that the central joint in folding or unfolding crosses the line between the offset end pivots.

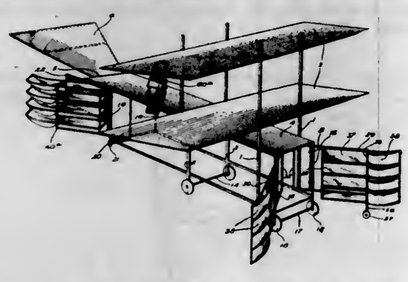
1,569,793. CREAM COOLER. LOUIS TOMHAVE, Fergus Falls, Minn. Filed Aug. 25, 1925. Serial No. 52,415. 5 Claims. (Cl. 31—55.)



2. A structure for supporting cream cans within water cans comprising a base having vertically extending members adapted to fit around the cream can, the base

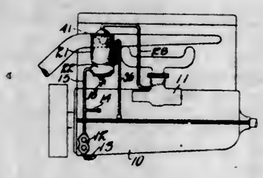
and the vertically extending members being outwardly extended, vertical strips connecting the outwardly extending ends of the base and of the vertically extending members, and legs operatively connected to said vertical strips.

1,569,794. FLYING MACHINE. LEHMAN WEIL, New York, N. Y. Filed Apr. 15, 1925. Serial No. 23,307. 15 Claims. (Cl. 244—20.)



1. In a flying machine, a body, pairs of propellers hingedly mounted at the forward and rear ends of said body, and means for oscillating a pair of the propellers at each end towards or away from each other, each of the propellers comprising a plurality of pivotally mounted blades and means for positively oscillating the blades.

1,569,795. OIL RECTIFIER. WILLIAM G. WALL, Indianapolis, Ind., assignor to Rectifier Manufacturing Company, Indianapolis, Ind., a Corporation of Indiana. Filed Feb. 14, 1925. Serial No. 9,142. 7 Claims. (Cl. 123—196.)



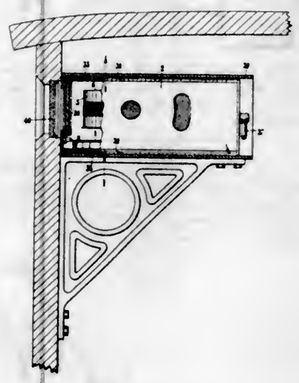
1. An oil rectifier for engines comprising a refining chamber, and a pipe having one end connected to said chamber and having its other end connected to the fuel inlet passage at the side of the throttle valve remote from the engine, substantially as set forth.

1,569,796. ELECTRIC SOLDERING TOOL. EDWARD L. WATSON, Bode, Iowa. Filed July 25, 1924. Serial No. 728,151. 3 Claims. (Cl. 219—26.)



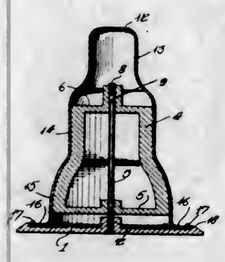
1. A tool of the character described comprising a tubular body, a tubular neck of different material screw-threaded into one end portion of the body and having a collar abutting said end portion of the body, a sleeve screw-threaded on said collar and end portion of the body, a head having a sleeve fitted removably on said neck, an electrode adjacent to said head within the last named sleeve, and an electrode mounted adjustably within the body and projecting into said neck to form an arc with the first named electrode.

1,569,797. TEMPERATURE-CONTROLLING SYSTEM FOR RAILWAY CARS. SILVESTER WÖHRLE, Steglitz, near Berlin, Germany, assignor to the Firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Filed Nov. 1, 1921. Serial No. 512,130. 5 Claims. (Cl. 234—11.)



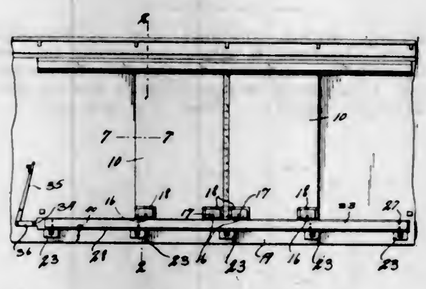
1. A temperature controlling system for railway cars comprising a temperature indicating device adapted to be read behind an observation-window in an outer wall of the car, two casings the one connected with the car open towards the observation-window in the wall of the car, said casing having inside the car an opening for inserting the said second casing, the second casing forming a container for a temperature recording device and provided with a window for the observation of the indication of the recording device and provided with a handle the recording device mounted on a base plate in firm connection with a wall portion of said second casing perpendicular to the wall portion of the casing provided with a handle and adapted to be removably inserted into the said second casing, the wall portion connected with the carrying base plate of the recording device forming a closure for the instrument casing, the insertion of said second casing into said first named casing connected with the car being effected in such a manner that its observation-window comes into line with the observation-window in the wall of the car.

1,569,798. REEL. OSCAR M. WOLFF, Chicago, Ill. Filed Oct. 31, 1924. Serial No. 747,112. 7 Claims. (Cl. 242—77.)



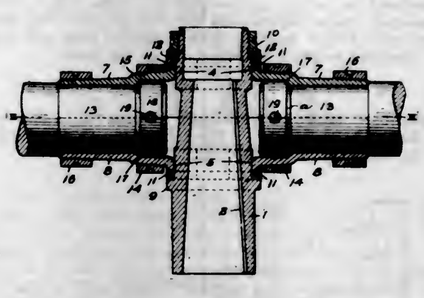
1. A reel comprising a base having a hollowed out upper surface, an upstanding spindle and a reel proper revoluble about the spindle, said reel being flared at its base and said flared portion fitting into the hollowed out portion of the base.

1,569,799. CAR DOOR. DAVID E. CONRAD, Eldon, Iowa, assignor of one-half to Van V. Baldwin, Eldon, Iowa. Filed June 11, 1925. Serial No. 36,469. 19 Claims. (Cl. 20—22.)



1. In a door structure, a wall having an opening, a door therefor, rollers on the door, a track extending parallel thereto and mounted thereon for vertical movement into or out of engagement with the rollers, manually operable means for shifting said track, and a supporting member disposed directly below the lower edge of the door and on which the door rests and is supported when the track is lowered.

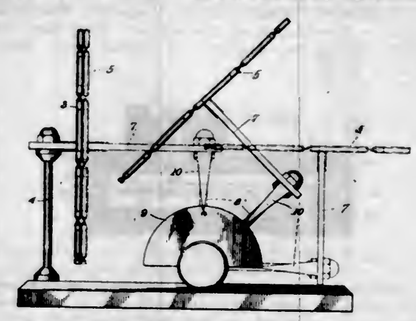
1,569,800. PROPELLER FOR AEROPLANES. THOMAS A. DICKS, Pittsburgh, Pa., assignor to Standard Steel Propeller Company, Pittsburgh, Pa., a Corporation of Delaware. Filed Dec. 21, 1922. Serial No. 608,192. 7 Claims. (Cl. 170—173.)



1. A propeller hub having in combination a tubular body portion and a blade carrying arm consisting of two semicircular sections, said sections having openings therethrough intermediate their ends for the reception of the body portion and provided at their ends with means for positively engaging the shanks of blades.

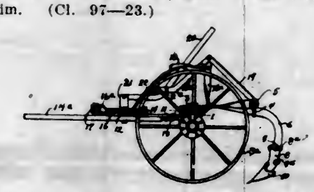
1,569,801. INDUCTIVE COUPLER. HAROLD POTTER DONLE, Meriden, Conn., assignor to The Connecticut Telephone & Electric Company, Incorporated, Meriden, Conn., a Corporation of Connecticut. Filed Oct. 22, 1923. Serial No. 669,887. 6 Claims. (Cl. 171—119.)

3. In an inductive coupler, a movable coil, a pivotal support for said coil the axis of said pivotal support being located at right angles to the axis of said coil and at a distance from said axis substantially equal to the



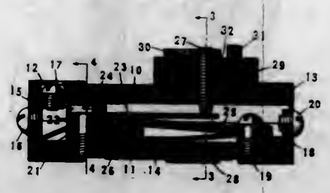
distance from the plane of said coil to the axis of said pivot, said distance being at least as great as a radius of said coil.

1,569,802. COTTON THINNER. JAMES FEAGINS, Frisco, Tex. Filed June 19, 1924. Serial No. 720,932. 1 Claim. (Cl. 97—23.)



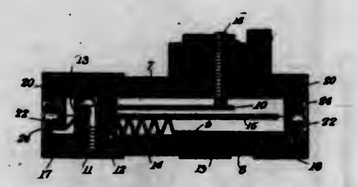
A cotton thinner comprising an angle bar, blocks secured within the opposite ends of said bar, a stub shaft carried by each block, supporting wheels carried by said shafts, plow beams, means for adjustably connecting the upper ends of said beams to said angle bar, a cross bar having its opposite ends connected to said angle bar and extending rearwardly thereof, U-bolts for connecting said cross bar to said beams, a U-shaped member hingedly connected to and extending forwardly of said angle bar, an upright member connected to said angle bar, a lifting bar connecting said upright member to said cross bar, a double bar having one end connected to said lifting bar, a lever pivotally mounted upon said U-shaped member, and means for connecting said lever to said double bar.

1,569,803. RELAY. BENJAMIN E. GETCHELL, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a Corporation of Connecticut. Filed July 10, 1922. Serial No. 573,965. 15 Claims. (Cl. 200—122.)



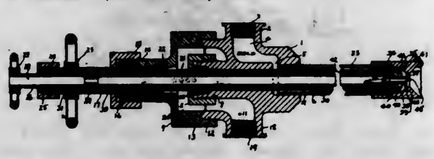
1. An electric relay comprising an insulating housing, a heater element mounted therein, a thermostatic element, a time lag element thermally and electrically connecting said thermostatic element with said heater element, an adjustable contact screw co-acting with said thermostatic element, and end caps to which the terminals of the heater element are secured.

1,569,804. RELAY CONSTRUCTION. BENJAMIN E. GETCHELL, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a Corporation of Connecticut. Filed Mar. 10, 1923. Serial No. 624,142. 10 Claims. (Cl. 200—122.)



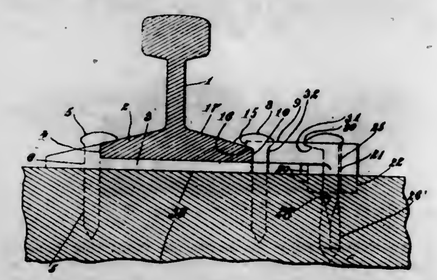
1. A two part insulating body having a longitudinal groove, a heater strip mounted in said groove, a thermostatic switch operated by the heat from said strip, anchor members mounted in said groove, end caps on said body having inwardly directed bosses extending into the ends of said groove, and means for securing said bosses to said anchor members, said strip being electrically connected to said end caps and an intermediate contact connected to said switch.

1,569,805. OIL BURNER. JOSEPH A. HEBERT, Freeport, Tex. Filed May 2, 1924. Serial No. 710,532. 4 Claims. (Cl. 158—74.)



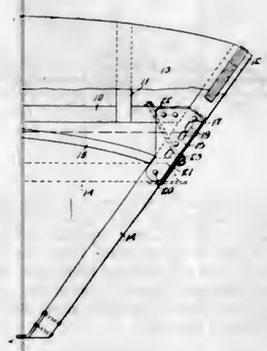
2. In an oil burner, an outer oil pipe, an inner air pipe, and an intermediate steam pipe, spaced apart to provide intermediate passages, a nozzle on said steam pipe having a forwardly flaring discharge orifice, a valve seat within said nozzle, a steam valve on said oil pipe, and an oil valve on said air pipe, said air pipe extending beyond said oil pipe and valve, said pipes being adjustable longitudinally to regulate or entirely close both the said valves in said nozzle, and means on said valves to direct the fluid from said nozzle in a spiral spray.

1,569,806. ANTICREEPER. WILLIAM W. HOLLAND, Wood River, Ill. Filed July 28, 1925. Serial No. 46,519. 9 Claims. (Cl. 238—317.)



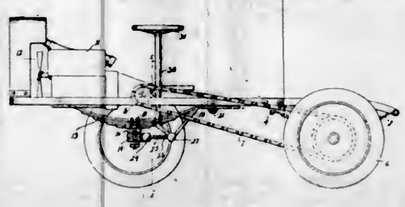
1. A rail clamp comprising a cam having an engaging surface of gradually increasing radius about the cam axis, a spike having projecting longitudinal edges and having its end portion including said edges turned at an angle about its axis oppositely to the direction of increase of the cam radius, and a hole at the axis of the cam to receive the spike, and means on the cam for causing the cam to maintain a fixed angular position relatively to the spike.

1,569,807. HINGE SUPPORT FOR AUTOMOBILE TOPS. MATTHEW R. HULL, Connersville, Ind., assignor to Rex Manufacturing Company, Connersville, Ind., a Corporation of Indiana. Filed Mar. 29, 1924. Serial No. 702,961. 4 Claims. (Cl. 296—102.)



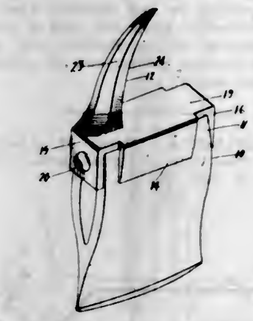
1. In a vehicle top, a roof rail, a rear bow, a leg pivoted to the bow and adapted to fold up adjacent to the lower part of the top, a plate fixed to the rear side of the leg extending over the joint between the leg and the bow, plates at the inner and outer sides of the bow also extending over said joint said plates supporting the pivot for the leg and the outer plate being apertured to permit fastening of the trim, and a bolt extending diagonally through the roof rail the bow and the upper end of the first-named plate to hold said leg in extended position, substantially as set forth.

1,569,808. MOTOR VEHICLE. JAMES E. JENKINS, Highland Park, Mich. Filed Oct. 13, 1924. Serial No. 743,414. 1 Claim. (Cl. 180—1.)



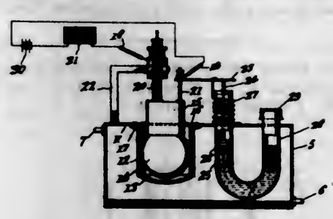
A motor truck construction in which the axles for the drive and for the steering wheels are supported from semi-elliptical springs connected to the sills of the truck frame and in which the rear wheels are chain driven by the engine, a plate supported by the front springs and to which the front axle is pivoted, arms having a ball and socket connection with the front axle, links pivoted to the arms, an angle member having a ball and socket connection with the links, a steering post connected centrally with the angle member, and a stabilizing bar pivotally secured to the front axle and slidably connected to the frame.

1,569,809. CUTTER. FRED JOHNSON and DAVID HNATUK, District of Algoma, Ontario, Canada. Filed Aug. 7, 1923. Serial No. 656,255. 1 Claim. (Cl. 7—1.)



In combination with the head of an ax blade, a cutter comprising a base, a pair of depending side flanges formed on said base for engagement with the side walls of the head, front and rear flanges depending from said base and being provided with openings adapted to register with a longitudinal bore formed through the head, a knife blade extending from the base in an opposite direction from the flanges and arranged at an angle with respect to the length of the base, and a bolt passing through the registering bore and openings for securing the cutter to the head, as and for the purpose specified.

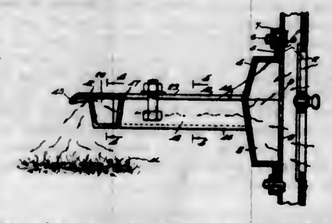
1,569,810. GASOLINE HEATER. ROBERT H. JOHNSON, Washington, D. C. Filed Jan. 28, 1925. Serial No. 5,361. 2 Claims. (Cl. 219—38.)



2. A gasoline heater comprising a tank having an inlet at the lower portion of one end and an outlet at the higher portion of the other end of the tank, a pocket extending downwardly from the top portion of the tank near the outlet end and having a rounded bottom, a cover for the tank, a lamp socket carried by and removable with said cover, a lamp fitted in the lamp socket and projecting into said pocket, fixed and movable contacts for the lamp socket outside said tank, a U tube extending into the tank near the inlet end and containing a fluid of high coefficient of expansion, a plunger in one leg of said tube coupled to said movable contact, a coil spring wound about said leg of the tube above the tank and acting to draw said plunger and contact downwardly, and means for closing the other leg of said tube.

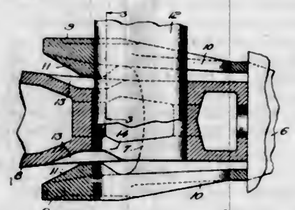
1,569,811. AIR HEATER FOR FURNACES. ERNEST JORDAN, New York, N. Y. Filed Dec. 12, 1924. Serial No. 755,515. 3 Claims. (Cl. 110—175.)

1. In an air heater for furnaces, a body formed with a pair of substantially V-shaped members presenting passage-ways extending to near the center of the furnace, and a plate covering said passage-ways, said plate being provided with a depending flange extending centrally into each of the passage-ways for dividing each



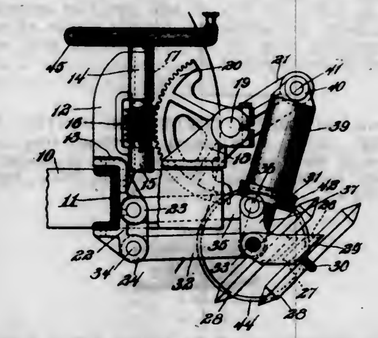
passage-way into substantially two parts, said plate overlapping said V-shaped member at the inner end for deflecting air from said passage-ways downwardly.

1,569,812. DRAFT RIGGING. BYERS W. KADEL, Baltimore, Md., assignor, by mesne assignments, to The Symington Company, a Corporation of Maryland. Filed Feb. 4, 1924. Serial No. 690,456. 10 Claims. (Cl. 213—69.)



1. In a railway draft rigging, the combination with center sills, of a coupler having depressions in opposite sides thereof, a yoke, a key connecting the yoke to said coupler, and means on said yoke adapted to provide relatively large and increased bearing areas for said key, said means projecting inwardly of the yoke arms and capable of moving into the depressions formed on the coupler.

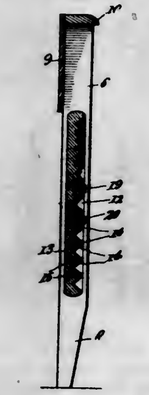
1,569,813. SCARIFIER FOR TRACTORS. RAYMOND W. KEELER, Galion, Ohio, assignor to The Galion Iron Works & Mfg. Co., Galion, Ohio, a Corporation of Ohio. Filed July 8, 1924. Serial No. 724,906. 3 Claims. (Cl. 262—8.)



1. The combination with a tractor, of a scarifying mechanism connected therewith comprising a tooth carrying bar, links pivotally connecting the bar to the rear end of the tractor and permitting upward and downward movement of the scarifying bar, means for

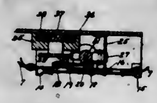
raising or lowering the scarifying bar comprising a segment gear having a radially extending arm, the arm at its extremity being laterally extended in opposite directions to form a transversely extending barrel, manually operable means engaging the segment gear whereby the segment gear may be oscillated, a pair of members pivoted to the axis of said elongated barrel and depending therefrom, a pair of members having telescopic engagement with the first named members and pivotally connected to the tooth carrying bar, means limiting the outward movement of one telescopic member with relation to its coacting other telescopic member, and a spring yieldingly resisting the inward movement of the members one into the other.

1,569,814. WASHBOARD. CHARLES W. KENNON, Tampa, Fla. Filed Oct. 29, 1923. Serial No. 671,498. 1 Claim. (Cl. 68—29.)



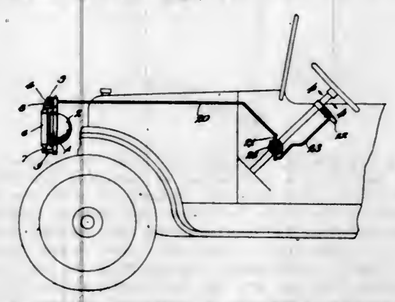
A washboard comprising a pair of side bars having channels in their intermediate portions, a base board having its side edges fitted into the channels in the bars and provided upon its outer face with substantially V-shaped ribs, each of said ribs being provided at its crest with a slot extending longitudinally thereof, and an inverted U-shaped metal strip for each slot, each of said strips being of resilient metal with their legs sprung to inherently urge the same apart toward a diverging position, each of said slots having their opposite walls spaced apart a distance less than the distance to which the legs of said strip are originally sprung apart, the intermediate rounded portion of each stop projecting from its slot substantially flush with the wall of the respective rib.

1,569,815. AUTOMATIC CUT-OFF FOR HEATING DEVICES. HUGH A. KIRKLAND, Portland, Oreg., assignor, by direct and mesne assignments, to Adolph A. Dekum, Portland, Oreg. Filed Mar. 5, 1920. Serial No. 363,561. 1 Claim. (Cl. 200—124.)



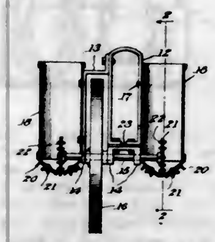
In an automatic cut-off for heating devices adapted to be heated by a heating agent, the combination with means for controlling the heat supply, of a heating wall adapted to be heated by said agent, a receptacle having a recess upon one side and secured tightly against said heating wall with recess sealing effect, a mass of material of relatively low fusibility permanently confined within said recess by the heating wall, a movable member mounted upon a shaft extending into the fusible material within the receptacle, the said member being held in fixed position by said material when hard and liberated for movement when soft, and a reciprocatory rod, spring actuated in one direction and operatively connecting said movable member and the means for controlling the heat supply.

1,569,816. REFLECTOR. PETER M. LARSEN, South Bend, Ind. Filed July 12, 1924. Serial No. 725,638. 3 Claims. (Cl. 240—45.2.)



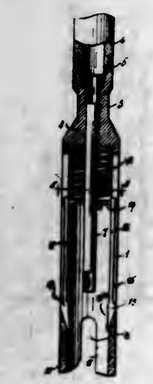
1. A reflector comprising a support, a plurality of reflector elements supported for swinging movement in the support, a shifter connected to all of the elements to simultaneously swing same, a bell crank lever connected to the support and having a pin and slot connection with the shifter, a rod pivoted to and extending from the bell crank, a centrally pivoted lever pivotally connected to the control rod and provided with a rib, a lock disc cooperating with the rib, and an operating handle, and a link between the lever and operating handle.

1,569,817. PLOW ATTACHMENT. GEORGE WILLIE LEE, Willow Spring, N. C. Filed July 28, 1923. Serial No. 654,400. 1 Claim. (Cl. 275—9.)



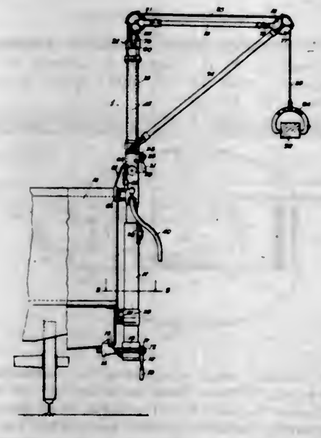
The combination with a plow having a beam, of a seeder attachment comprising a yoke through which the beam passes for a limited vertical movement, a laterally extending inverted substantially L-shaped arm secured to said yoke, an inverted U-shaped member secured to the lower end of the yoke and provided with alined bearings in its legs, a third bearing in the lower extremity of said L-shaped arm, an axle passing through the bearings for rotation therein a wheel fixed on the axle between the third bearing and the U-shaped member, said wheel extending within the space provided by the L-shaped arm, a pair of hoppers carried by the outer ends of said axle and fixed respectively to the yoke and to the L-shaped arm, and means secured to said yoke and extending forwardly parallel with said beam, said means having pivotal connection at its forward end with said beam permitting relative vertical movement of said yoke and preventing relative horizontal movement.

1,569,818. FISHING TOOL FOR WELLS. BERT LESTER LIGON, Electra, Tex., assignor to Ligon Tool Company, Electra, Tex., a Partnership. Filed Nov. 20, 1924. Serial No. 750,977. 3 Claims. (Cl. 294—102.)



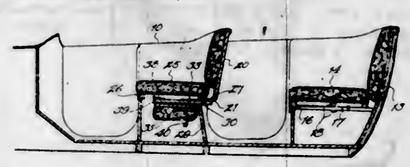
1. A fishing tool for wells comprising the combination of a cylindrical body with a solid head and a hollow interior; the lower end of the body provided with longitudinal upwardly extended openings and dividing the body at this point into two parts of unequal length; longitudinal slots on opposite sides of the tool body, arms in the slots; said arms having tapered and toothed jaws and adapted to be moved downward under compression of a spring to engage the object to be removed from the well; and means for attaching the tool to a drill stem or tubing, and a feed water pipe traversing the head and neck of the tool, communicating with the drill tubing and depending well within the hollow interior of the tool.

1,569,819. MEANS FOR LOADING AND UNLOADING CARS. CHARLES E. LINDSAY, Albany, and CLINTON V. OGBIN, New York, N. Y.; Carolyn P. Lindsay executrix of said Charles E. Lindsay, deceased. Filed Jan. 31, 1922. Serial No. 533,008. 8 Claims. (Cl. 212—34.)



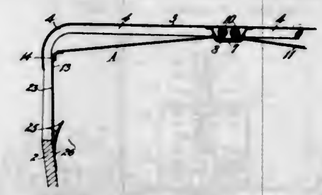
1. A device of the character described comprising a suitable supporting element, a cylinder telescoping within said element and adjustable with respect thereto, means carried by the supporting element and the cylinder for detachably attaching the device in operative position, a piston mounted in the cylinder, a tubular member carried by the upper end of said cylinder, and hoisting means carried by said tubular member and operated by the piston in the cylinder.

1,569,820. CONVERTIBLE SEAT FOR VEHICLES. HENRY CLAY LIPSCOMB and CLAYO POWERS LIPSCOMB, Oaknolia, La. Filed Feb. 12, 1924. Serial No. 692,325. 1 Claim. (Cl. 155—7.)



The combination with the rear seat of a vehicle, and elements movable forwardly therefrom, of a front seat including a hingedly mounted back and a rearwardly slidable horizontal seat portion, a supporting member hinged to the supporting member, on a level therewith and in the plane of the hinged back when horizontal, and cooperating with said hinged back to support the front seat when the latter is moved rearwardly, an extension hinged to the transverse member, and movable beneath the latter and outwardly therefrom to position on a level with the slidable horizontal portion of the front seat, and a transverse element supporting the central portion of the extension when the latter has been moved outwardly.

1,569,821. VEHICLE SIDE CURTAIN. HENRY JOSEPH MCDONNELL, Mount Waverley, Victoria, Australia. Filed Jan. 3, 1925. Serial No. 432. 3 Claims. (Cl. 296—140.)



1. An automobile hood provided with side curtains, a casing fitted to the top of the hood and including blocks fitted to the end bows, a strip secured longitudinally to said box, a cover attached to said strip and having its ends fixed to the hood material, spring actuated rollers in the casing, and flexible connections between said side curtains and rollers.

1,569,822. ROAD MAP AND CASE. SAINT PAUL MCGHEE, Laurinburg, N. C. Filed Dec. 10, 1923. Serial No. 679,805. 1 Claim. (Cl. 40—85.)



A device of the class described comprising a cylindrical casing having a slot therein, a spring roller mounted in the casing, a map strip carried by the roller and extending through the slot, a supporting bracket at each end of the casing, said bracket having

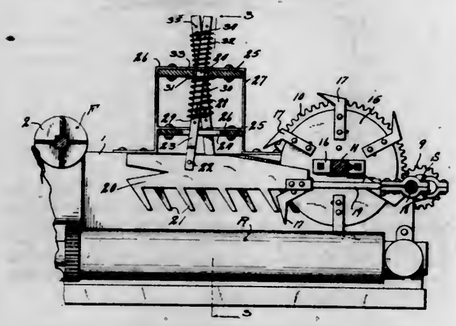
a curved central part and straight end parts, perforated to receive fastening means and a spring jaw for each bracket having a bolt receiving part at its upper end so that it can be bolted to the upper part of the bracket, for permitting the casing to be attached to a windshield frame of a vehicle the brackets permitting the casing to be attached to a part of a closed vehicle when the spring jaws are removed from the brackets.

1,569,823. SHOE STRUCTURE. FRED MACCARONE, Brooklyn, N. Y. Filed Aug. 5, 1925. Serial No. 48,285. 6 Claims. (Cl. 36—19.)



1. A shoe structure including an upper, an outsole, and an insole consisting of a heel portion, a shank portion, and a marginal rand integral with the forward end of the shank portion and having a skived inner edge, said edge and the under side of the shank and heel portions having a continuous channel, stitching extending through the channel and connecting the upper to the insole, and stitching extending through the outsole, the upper, the rand and the shank and heel portions of the insole.

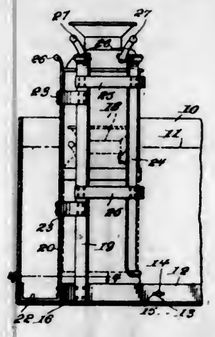
1,569,824. ATTACHMENT FOR CORN PICKERS. HENRY MAGNESS, Colton, S. Dak. Filed Feb. 19, 1925. Serial No. 10,386. 6 Claims. (Cl. 130—5.)



1. In combination with a set of husking rolls, a propeller blade positioned above each of the rolls, yieldable means for supporting each of said blades for oscillatory movement, means for oscillating the blades, vertically disposed discs positioned above and between adjacent rolls, said discs being provided with outstanding picker hooks, and means for rotating the discs.

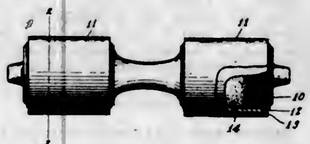
1,569,825. CAN HOLDER. ALFRED MAJOR, Holland, N. Y. Filed June 22, 1925. Serial No. 38,890. 1 Claim. (Cl. 31—4.)

The combination with a cooling tank for cans, of a can holder comprising a plurality of spaced bars arranged edgewise along the bottom of the tank longitudinally thereof, and connected at one end by an integrally curved portion, a holder proper including a plurality of vertically disposed stationary bars supported by said curved portion, and a plurality of relatively movable bars



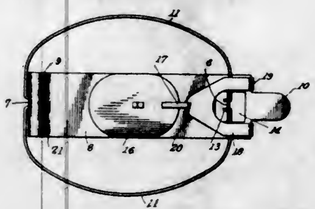
yieldably supported on the stationary bars, all of said bars being arranged in an annular series and having their upper ends flared outwardly.

1,569,826. RUBBER-COVERED SPINNING ROLLER. ALLAN B. MERRILL, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed July 30, 1925. Serial No. 47,154. 6 Claims. (Cl. 19—143.)



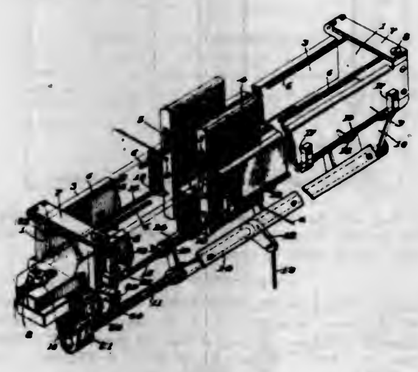
1. A spinning roll comprising a core, and a cover thereon having an outer portion of relatively-stiff, flexible, soft rubber, and an underlying cushion of relatively-soft rubber.

1,569,827. ANIMAL TRAP. CHARLES AGUSTUS RANCIER, Brooklyn, N. Y., assignor of one-half to William J. Boehmer. Filed Oct. 17, 1924. Serial No. 744,101. 6 Claims. (Cl. 43—92.)



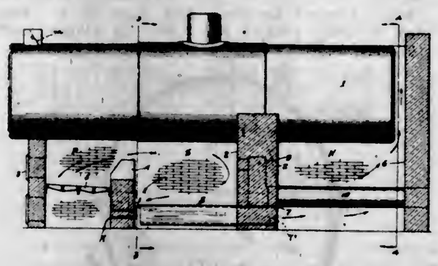
1. An animal trap comprising a combined spring member having a base, two uprights, and an overhead arm connected to one of the uprights, jaws having pivot ends extending inwardly toward each other and pivoted in said uprights, a pan hinged to the central part of said arm, and a latch hinged to the outer end of said arm and adapted to overlie both of said jaws near their pivotal ends when said jaws are spread, said jaws having shoulders engaged by said arm.

1,569,828. WARP STOP MECHANISM FOR LOOMS. MELVIN L. STONE, Lawrence, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Oct. 7, 1925. Serial No. 61,098. 7 Claims. (Cl. 139—349.)



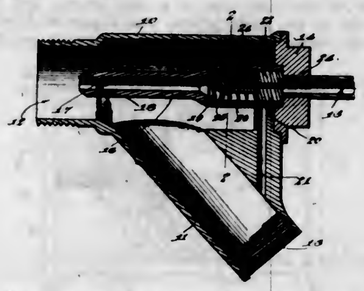
1. In a warp stop mechanism for looms, the combination of a series of drop wires normally supported in raised position by the warp threads during weaving, warp supporting bars extending in parallel relation to the series of drop wires, a drop wire separator rock shaft mounted for rocking movement, a series of drop wire separators carried by the rock shaft, means for turning the rock shaft to move the drop wire separators between the drop wires, and a lock for holding the rock shaft in turned position.

1,569,829. FURNACE. JOHN T. ROWLEY, New York, N. Y., assignor to Eureka Furnace Coal & Oil Economy Company, Inc., New York, N. Y., a Corporation of New York. Filed Dec. 20, 1924. Serial No. 757,095. 4 Claims. (Cl. 110—73.)



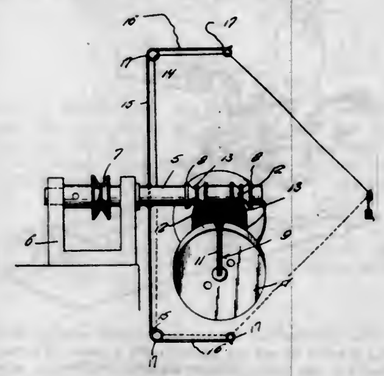
1. In a boiler furnace, in combination with a fire box, a bridge wall, a secondary combustion chamber having communication with said fire box over said bridge wall, a third combustion chamber, a wall separating the third and secondary combustion chambers, means for conveying air into contact by radiation, with the heated gases in the third combustion chamber and thence to the secondary combustion chamber, and a conduit passing through said last named wall and having an inlet adjacent to the rear face of the bridge wall, the cross sectional area of said conduit being substantially less than the cross sectional area of the secondary combustion chamber.

1,569,830. TRACK SANDER. JOHN H. WATTERS, Anniston, Ala. Filed Nov. 6, 1925. Serial No. 67,384. 6 Claims. (Cl. 291—11.)



1. A track sander having sand inlet and outlet channels, an air nozzle having an air inlet and having outlet ports opening into the sand inlet and outlet channels, and a blast channel leading to the sand outlet channel, and a spring controlled valve normally seated in the air inlet and closing said blast channel, said valve having an opening therethrough equalling in area the areas of the said outlet ports of the nozzle to permit of the passage therethrough of a normal volume of air required for the supply of said ports, and said valve being movable by a greater volume of air against the tension of its spring to uncover the blast channel and permit much greater volume of air to pass directly to the sand outlet through said blast channel.

1,569,831. TEXTILE SPINNER AND TWISTER. FRED C. WERNER, Kingston, Pa. Filed Nov. 1, 1924. Serial No. 747,320. 13 Claims. (Cl. 117—23.)

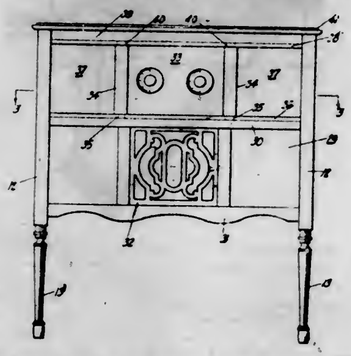


1. In a device of the character described, a substantially horizontally disposed spindle, a bobbin, a bobbin supporting saddle for maintaining the bobbin in suspended relation with respect to the spindle having a member hooked at one end for quick detachable engagement with the upper surface of the spindle, and a flier operable by the spindle.

1,569,832. KNOCKDOWN CABINET. WILLIAM L. BYRNE and HARVEY A. BEESLEY, Los Angeles, Calif. Filed June 1, 1925. Serial No. 34,094. 3 Claims. (Cl. 45—52.)

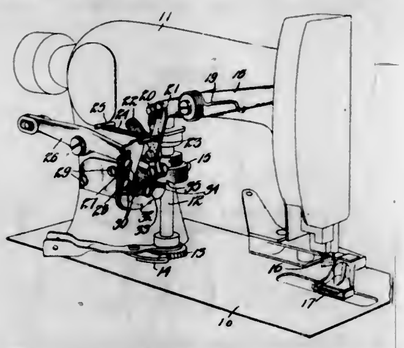
1. In a radio cabinet, a strip having a groove in its upper surface, side portions having vertically, oppositely formed grooves, a top strip arranged with a groove in its

lower surface, said grooves defining an aperture having a groove around its inner edge, a pair of detachable panel elements, each resting at its bottom edge in the lower groove at one side edge in a side groove, and at its top edge in the upper groove, and a pair of detachable laterally shiftable upright grooved strips in which the



other edges of the panels are respectively placed, said strips also having tongues resting in the top and bottom grooves, as well as grooves defining with said top and bottom grooves, an aperture in which a radio panel can be detachably supported at its edges by the aid of said grooves.

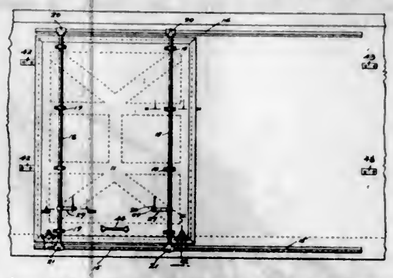
1,569,833. SAFETY DEVICE FOR BUTTONHOLE-SEWING MACHINES. FORREST R. COOSE, Waterville, Me. Filed July 29, 1925. Serial No. 46,917. 2 Claims. (Cl. 112—68.)



1. The combination with a button-hole sewing machine having a knife to cut the button-hole, a train of actuating devices for the knife, means whereby said train may be disabled at one point, means biased to hold said first-named means in operative position, and an upright feed shaft, of a collar on the shaft, a notch in the collar, an element constantly engaging said disabling means, and means held by said collar in position to retain said element in position to disable said train of mechanism until said last-named means falls into said notch, substantially as set forth.

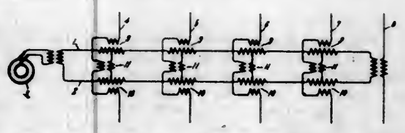
1,569,834. CAR DOOR. BERT FULLER, Newark, Calif. Filed Sept. 5, 1923. Serial No. 661,106. 4 Claims. (Cl. 20—23.)

1. In a sliding and clamping door of the character described, means for clamping the door comprising screws arranged on the upper and lower edges respectively of the door for carrying the door to and from a door opening, and means for operating the screws in pairs comprising bevel gears secured respectively to one end of the screws, a pair of shafts revolvably supported across



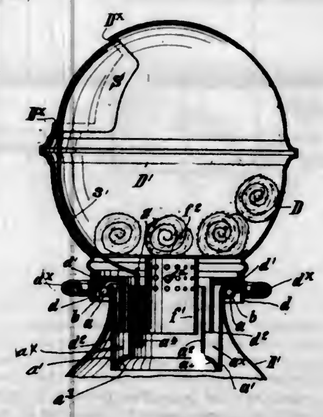
the door and having a bevel gear at each end meshing with the first named gears, the screws at opposite ends of the shafts being of reversed pitch.

1,569,835. RADIO TRANSMISSION SYSTEM. EDWARD W. KELLOGG, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Jan. 30, 1925. Serial No. 5,737. 6 Claims. (Cl. 250—11.)



1. The combination in a radio transmitting system of a radiating system comprising a plurality of radiating units separated from one another by an appreciable fraction of a wave length of the waves to be radiated, a single transmission line for supplying to said radiating units currents having phase displacements corresponding to the geographical displacements of the units from one another, and means for preventing wave reflections over said transmission line from the points at which energy is supplied to the radiating units.

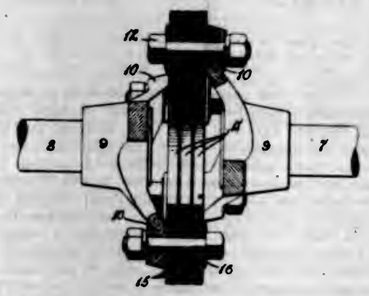
1,569,836. STERILIZING AND WATER-HEATING DEVICE. EDWARD KRONMAN, New York, N. Y. Filed Feb. 6, 1925. Serial No. 7,343. 5 Claims. (Cl. 167—3.)



1. In water heating and sterilizing apparatus of the character designated, the combination with the neck of the steam generator, etc., of a sterilizing hood rotatably

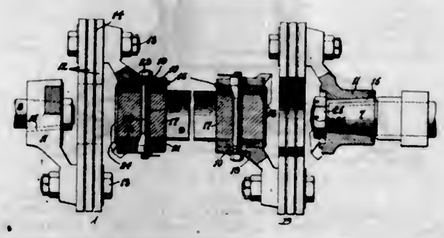
mounted on said neck and formed with an access aperture on one side thereof, a stationary shutter positioned within said hood, means for manually rotating said hood, and a perforated drain floor in said hood formed with a recess to accommodate the standard supporting said stationary shutter, substantially in the manner and for the purpose set forth.

1,569,837. MEANS FOR DETERMINING TENSION OF BOLTS. HARRY P. MACDONALD, Montclair, N. J., assignor, by mesne assignments, to Spicer Manufacturing Corporation, South Plainfield, N. J., a Corporation of Virginia. Filed Mar. 26, 1920. Serial No. 369,146. 3 Claims. (Cl. 64—96.)



1. The combination with a torque transmitting flexible joint comprising a flexible member of yielding material and means gripping the same for torque transmission including a tension bolt, of means for indicating the tension on the bolt and thus preventing over stressing of the material.

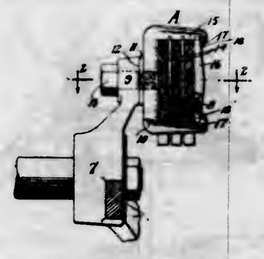
1,569,838. PROPELLER-SHAFT ASSEMBLY. HARRY P. MACDONALD, Montclair, N. J., assignor, by mesne assignments, to Spicer Manufacturing Corporation, South Plainfield, N. J., a Corporation of Virginia. Filed June 19, 1920. Serial No. 390,100. 9 Claims. (Cl. 64—29.)



1. In torque transmission assemblies, the combination of two spaced shafts, an intermediate or floating shaft therebetween, means forming a driving connection between the ends of the floating member and the respective shafts, said floating member being capable of sliding movement past one of said means substantially beyond its normal position relatively thereto.

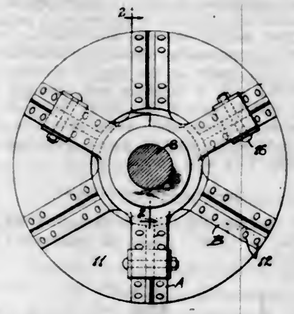
1,569,839. FLEXIBLE JOINT. HARRY P. MACDONALD, Montclair, N. J., assignor, by mesne assignments, to Spicer Manufacturing Corporation, South Plainfield, N. J., a Corporation of Virginia. Filed June 26, 1920. Serial No. 391,888. 2 Claims. (Cl. 64—96.)

1. In a torque transmitting joint, the combination of a spider, a flexible unit comprising a flexible member and clamp means attached thereto independently of the spider, and means for connecting the clamp means to the spider



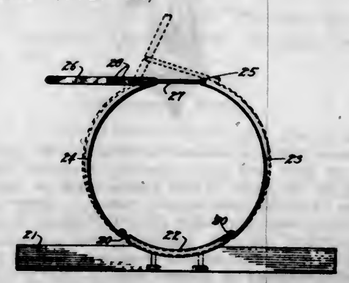
for the transmission of torque extending approximately parallel the line of torque.

1,569,840. FLEXIBLE JOINT. ANGUS S. MACDONALD, Great Neck, N. Y., assignor, by mesne assignments, to Spicer Manufacturing Corporation, South Plainfield, N. J., a Corporation of Virginia. Filed July 21, 1920. Serial No. 397,846. 2 Claims. (Cl. 64—96.)



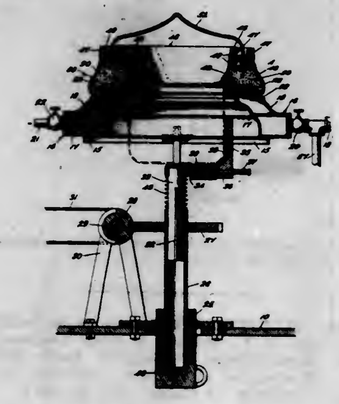
1. In a flexible joint, the combination of a spider, a flexible disc, and means for connecting said disc, to the spider comprising a pair of plates on opposite faces of the disc and means for securing the plates together, one of said plates having a channel-like portion to embrace the spider.

1,569,841. BALL-LACING DEVICE. PLINY C. MANN, Greeley, Colo. Filed Mar. 15, 1924. Serial No. 699,519. 6 Claims. (Cl. 24—19.)



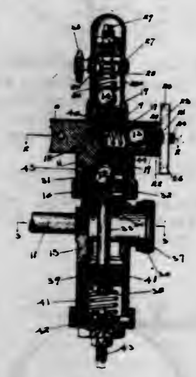
1. A device for holding foot balls and the like while being laced comprising a fixed curved member; movable curved members pivoted thereto and means contacting with the free extremities of said movable curved members for drawing and holding said members together all of said members adapted to contact with said ball.

1,569,842. HAT BLOCKING, FLANGING, AND FINISHING APPARATUS. JOSEPH L. MORAHAN, Jackson, Miss. Filed Mar. 2, 1925. Serial No. 12,668. 4 Claims. (Cl. 223—26.)



1. In an apparatus of the class described a hollow supporting member adapted to receive and support a hat with the brim resting thereon, said member being provided with steam discharge openings; means for supplying steam to the crown of the hat; a vertically movable shaft, provided with a finishing arm adapted to engage said crown, and to smooth and finish the same; a worm and means for driving the same; and a worm wheel carried by said shaft, adapted to be moved into and out of engagement with said worm.

1,569,843. VALVE. ALFRED B. MYERS, Portland, Oreg. Filed Mar. 3, 1924. Serial No. 696,702. 6 Claims. (Cl. 303—76.)



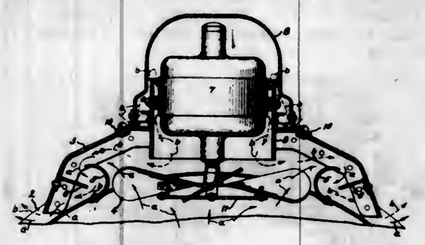
1. In a valve: a casing consisting of two parts and means to joint said parts together; a closure upon the bottom of the lower of said casing parts; a valve controlling an outlet port in said casing; a piston plunger adapted to coact with said valve to operate the latter; pneumatically operated mechanism for operating said plunger a spring to hold said plunger in position wherein said valve is closed; a chamber with an inlet port formed within said casing, said valve controlled outlet port communicating with said chamber.

1,569,844. PNEUMATIC OR AIR-CUSHION TIRE. JOHN ROBERT O'BRIEN, Marrickville, near Sydney, New South Wales, Australia. Filed Oct. 8, 1925. Serial No. 61,175. 1 Claim. (Cl. 152—22.)



In a vehicle tire, a body arranged with a series of chambers and a tube leading from each chamber and extending through the tire body to a recessed portion in the inner circumference thereof, an inflating valve embodying a body portion having bores extending therethrough, one for each tube connected to the chambers in the tire body, and nipples projecting from one end of the valve body in line with said bores, and means to connect the valve to said tubes comprising a rigid perforated disk engaged upon said tubes, a perforated disk of yielding material at the outer side of said rigid disk and in the perforations of which yielding disk the tubes are secured, and means to secure the rigid disk to the end of the valve body with the nipples engaging in the ends of the tubes with the yielding disk interposed between the rigid disk and valve.

1,569,845. VENTILATING APPARATUS. EDWIN J. MURPHY, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed May 29, 1924. Serial No. 716,788. 5 Claims. (Cl. 230—1.)



1. In combination in a searchlight, an arc chamber, a motor chamber and a motor therein, and a connecting chamber, a fan in the connecting chamber adapted to be driven by said motor, an outlet in the connecting chamber in proximity of the peripheral region of the fan, a baffle in proximity of the central region of the fan whereby when the fan is rotated the surrounding medium is drawn toward the fan and into the connecting chamber from the other two chambers and expelled through the outlet whereby circulation is established through both the arc and motor chambers, and openings in the motor and arc chambers so proportioned that a comparatively strong draft is created about the motor and a comparatively gentle draft is created about the arc region in the arc chamber.

Patents Nos. 1,569,846 to 1,570,603.

THE
OFFICIAL GAZETTE
OF THE
United States Patent Office.

Vol. 342—No. 3. TUESDAY, JANUARY 19, 1926. Price—$5 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $5.00 per annum; single numbers, 10 cents each.

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Total	1,167		

ADJUDICATED PATENTS.

(D. C. Ohio.) The Follen design patent, No. 55,600, for tire-tread surface, *Held* invalid, and, if valid, not infringed. *Follen* v. *Lambert Tire & Rubber Co.*, 8 F. (2d) 303.

TRADE-MARKS CANCELED.

66,224. Ointment. Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Registered November 19, 1907. Canceled December 19, 1925.

67,915. Ointment. Robinson Bros. & Company Incorporated, Portland, Me., and Malden, Mass. Registered February 25, 1908. Canceled December 19, 1925.

77,546. Certain foods. Kansas City Preserving and Manufacturing Co., Kansas City, Mo. Registered April 19, 1910. Canceled December 19, 1925.

102,255. Canned fruits, including berries, and canned vegetables. Cobb Preserving Company, Fairport, N. Y. Registered February 2, 1915. Canceled December 19, 1925.

123,867. Face powder. Dr. Paul Sylvestre, New York, N. Y. Registered December 10, 1918. Canceled December 19, 1925.

148,072. Lumber. Hawkins Lumber Company, Boston, Mass. Registered November 8, 1921. Canceled December 19, 1925.

153,607. Certain named articles of stationery. Minneapolis Drug Company, Minneapolis, Minn. Registered March 21, 1922. Canceled December 28, 1925.

153,977. Certain named sporting goods. The Big Store Co., Cincinnati, Ohio. Registered April 4, 1922. Canceled December 28, 1925.

189,424. Men's, women's, and children's knit underwear and knit hosiery. Rathbun & Company, Utica, N. Y. Registered September 16, 1924. Canceled December 19, 1925.

199,245. Ginger ale. Hodde Brothers, Detroit, Mich. Registered June 2, 1925. Canceled December 28, 1925.

Interference Notice.

U. S. PATENT OFFICE, *Washington, Dec. 30, 1925.*

George F. Johnstone, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Lynn L. Bunnell, Main and Maple Avennes, Norwood, Cincinnati, Ohio, for registration of a trade-mark and trade-mark registered April 13, 1915, No. 103,815, to George F. Johnstone, 3527 Fourteenth Street NW., Washington, D. C., and a notice of such declaration sent by registered mail to said Johnstone, at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Johnstone, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

Condition of Applications Under Examination at Close of Business January 8, 1926.

Room No.	(Total number of applications awaiting action, exluding Trade-Mark Division, 41,609; Trade-Mark Division, 2,080. Oldest new case, July 7, 1925; oldest amended, July 8, 1925. The dates given are 1925.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Harrows and Diggers; Plant Husbandry; Plows; Planting; Scattering Unloaders.	Oct. 13	Oct. 17	581
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Sept. 11	Aug. 12	589
331	3. RICH, WM. J., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Sept. 12	Nov. 2	591
234	4. MERRITT, A. D., Conveyers, Chutes, Skids, Guides, and Ways; Conveyers, Fluid Current; Conveyers, Power Driven; Excavating; Handling—Hand and Hoist-Line Implements; Material or Article Handling; Pushing and Pulling Implements; Traversing Hoists.	Oct. 8	Oct. 17	558
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording and Reproducing; Tying Cords or Strands.	Aug. 8	Aug. 13	813
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Hides, Skins and Leather; Sugar and Starch; Concentrating Evaporators.	Oct. 8	Oct. 2	1,034
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Oct. 15	Oct. 15	796
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Oct. 16	Oct. 15	1,210
221	9. TRYON, F. M., Air and Gas Pumps; Hydraulic Motors; Injectors and Ejectors; Motors, Fluid; Motors, Fluid Current; Pumps.	Sept. 21	Sept. 28	626
118	10. HUNTER, O. F. (Acting), Motor Vehicles; Land Vehicles—Animal Draft Appliances, Bodies and Tops, Dumping.	Sept. 8	Sept. 18	1,055
148*	11. ARMSTRONG, H. C., Boot and Shoe Making; Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whips and Whip Apparatus; Cutting and Punching Sheets and Bars; Driven, Headed, and Screw-Threaded Fastenings.	Oct. 12	Oct. 12	815
380	12. PIERCE, P. P., Machine Elements	Sept. 16	Sept. 23	707
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning.	Oct. 1	Oct. 1	731
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Sept. 9	Sept. 12	901
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Oct. 8	Oct. 8	667
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Aug. 20	Sept. 3	975
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Oct. 8	Oct. 19	384
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Aug. 14	Aug. 10	821
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Sept. 17	Oct. 20	532
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Oct. 13	Oct. 19	730
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Sept. 23	Oct. 16	471
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms; Ordnance; Ammunition and Explosive Devices; Ammunition and Explosive-Charge Making; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Oct. 13	Oct. 29	437
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Aug. 14	Aug. 14	338
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Nov. 2	Nov. 7	469
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Oct. 15	Oct. 12	722
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	July 27	July 18	732
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Nov. 9	Nov. 9	500
225	28. BENSON, A. R., Internal-Combustion Engines	Nov. 9	Nov. 6	698
160*	29. MORRIS, B. N., Abrading; Boring and Drilling; Button Making; Chucks or Sockets; Coopering; Tool-Handle Fastenings; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	July 7	July 8	1,066
248	30. SULLIVAN, M. R., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Oct. 9	Oct. 5	904
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Nov. 9	Nov. 9	667
249	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Aug. 12	Aug. 15	645
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Nov. 11	Nov. 7	630
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways; Railway Rolling Stock; Railway Switches and Signals; Railways, Surface Track; Railway Wheels and Axles; Store Service; Track Sanders; Vehicle Fenders.	Aug. 7	Aug. 15	688
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Oct. 5	Oct. 19	585
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Sept. 1	Sept. 29	1,121
224*	37. TAYLOR, E. C., Electricity, Circuit Makers and Breakers	Oct. 1	Sept. 19	859
145	38. IDE, G. R., Animal Husbandry; Earth-Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Aug. 8	July 27	891
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Oct. 3	Oct. 20	479
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Cloth, Leather, and Rubber Receptacles; Deposit and Collection Receptacles; Metallic Receptacles; Package and Article Carriers; Paper Receptacles; Special Receptacles and Packages; Wooden Receptacles.	Sept. 26	Sept. 26	1,167
125	41. BROWN, J. I., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Oct. 12	Oct. 15	402
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Aug. 10	Aug. 8	1,247
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Oct. 8	Oct. 10	782
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	July 18	July 9	876
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Oct. 1	Oct. 3	610
233	46. WOLCOTT, C. L., Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Oct. 6	Oct. 7	599
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Sept. 8	Sept. 9	1,222
213*	48. ROEPKE, O. B., Electricity, Conductors; Electricity, General Applications	July 28	July 28	1,602
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Pneumatics; Velocipedes; Driers; Liquid Separation or Purification	Sept. 18	Oct. 6	696
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Sept. 4	Sept. 14	1,182
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission; Electric Lamps	Aug. 11	Aug. 11	1,667
144	52. MORGAN, E. T., Supports; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings.	Nov. 6	Nov. 5	530
241*	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Oct. 12	Oct. 12	716
102	DESIGNS: C. O. MARKHAM (Acting)	Dec. 15	Dec. 21	293
163	TRADE-MARKS, LABELS, AND PRINTS: T. L. MEAD, Jr. (Trade-Marks	Dec. 9	Dec. 17	1,914
	Labels and Prints	Dec. 12	Dec. 26	166

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decisions.

EX PARTE MARINELLO COMPANY.

Decided April 30, 1925.

1. TRADE-MARKS—DESCRIPTIVE—"BEAUTY AIDS FOR EVERY NEED."

A term which at once imparts information is descriptive.

2. SAME—RULE FOR DETERMINING REGISTRABILITY.

The most liberal rule which has been applied to registering marks is that words should be registered if they leave open to everybody else all words useful in describing any quality or property appertaining to the particular goods.

APPLICATION for registration of trade-mark.

ON APPEAL.

TRADE-MARK FOR TISSUE CREAM, MOTOR CREAM, ETC.

Application filed February 15, 1923, No. 176,087.

Mr. Max W. Zabel for the applicant.

FENNING, *Assistant Commissioner.*

Applicant appeals from the action of the Examiner of Trade-Marks refusing registration under the act of 1905 of "Beauty Aids for Every Need" as a trade-mark for a number of compositions for the treatment of the complexion, nails, and the hair.

It seems too clear to need extended argument that the words are employed in a purely descriptive sense and hence are inhibited from registration by the statute. Anyone who produces a line of similar articles may allege that he produces "Beauty Aids for Every Need."

In *Standard Paint Company* v. *Trinidad Asphalt Manufacturing Company*, 165 O. G. 971; 1911 C. D. 530; 220 U. S. 446, the Supreme Court quoted with approval the circuit court of appeals to the effect—

that no one can appropriate as a trade-mark a generic name or one descriptive of any article of trade, its qualities, ingredients, or characteristics, or any sign, word, or symbol which from the nature of the fact it is used to signify others may employ with equal truth.

In the *Elgin National Watch Company* v. *Illinois Watch Case Company*, 94 O. G. 755; 1901 C. D. 273; 179 U. S. 665, the Supreme Court said:

No sign or form of words can be appropriated as a valid trade-mark which, from the nature of the fact conveyed by its primary meaning, others may employ * * * with equal right, for the same purpose.

[1] It has been frequently indicated that a term which at once imparts information is descriptive, and it seems clear that applicant's mark here at issue at once imparts information that the goods are aids to procuring beauty.

[2] The most liberal rule which has been applied to registering marks is that words should be registered if they leave open to everybody else all words useful in describing any quality or property appertaining to the particular goods. The registration of the present mark would not leave useful words open to use.

The Examiner was right in holding that the device sought to be registered is merely an advertising slogan and in no way indicates origin or ownership, on the doctrine set out in *Ex parte Sanford Mills*, 144 MS. Dec. 389; *Ex parte Chocolate Products Company*, 144 MS. Dec. 103; and *In re The Dolly Varden Chocolate Company*, decided April 6, 1925, by the Court of Appeals of the District of Columbia, 333 O. G. 525 refusing registration of the slogan "When Words fail—send."

The Examiner of Trade-Marks is affirmed.

Supreme Court of the United States.

CONCRETE APPLIANCES COMPANY AND INSLEY *v.* GOMERY, SCHWARTZ, O'MEARA, ET AL.

Decided November 16, 1925.

1. INVENTION — MECHANICAL SKILL — USE OF KNOWN METHODS AND APPLIANCES FOR HANDLING NEW BUILDING MATERIAL.

The observations of common experience in the mechanical arts would lead one to expect that once the feasibility of using "wet" concrete in building operations was established the mechanical skill of those familiar with engineering and building problems would seek to make use of known methods and appliances for the convenient handling of this new building material.

2. SAME—SAME—SAME.

Failure to make use of obviously applicable, widely used, and generally understood methods and appliances for the elevation and distribution of mobile substances in combination, suitable to the particular work in hand, in dealing with a new plastic material capable of similar treatment would have evidenced a want of ordinary mechanical skill and of familiarity with construction problems and methods.

3. SAME—SAME—SAME—INDEPENDENT OPERATIONS AND PATENT APPLICATIONS OF SAME CHARACTER BY THOSE SKILLED IN THE ART.

The adaptation independently made by engineers and builders of familiar appliances to the movement and distribution of wet cement in building operations and the independent patent applications within a comparatively short space of time of devices for that purpose are in themselves persuasive evidence that this use in combination of well-known mechanical elements was the product only of ordinary mechanical or engineering skill and not of inventive genius.

ON a writ of certiorari to the United States Circuit Court of Appeals for the Third Circuit.

Mr. Stephen J. Cox for Concrete Appliances Co. et al.

Mr. George Bayard Jones for Gomery et al.

Mr. Justice STONE delivered the opinion of the Court.

In an earlier suit petitioners sought to enjoin an infringement of the Callahan patent No. 948,719, and the Circuit Court of Appeals for the Sixth Circuit held the patent valid. *Concrete Appliances Co.* v. *Meinken*, 278 O. G. 163; 1920 C. D., 378; 262 Fed. 958. Later the present suit was brought in

the District Court for the Eastern District of Pennsylvania to enjoin an infringement of the same patent by the respondents. The district court expressed the opinion that the claims of the patent did not involve invention, but in deference to the determination in the sixth circuit, dismissed the petitioners' bill on the ground of nonnfringement. 284 Fed. 518. On appeal, the Circuit Court of Appeals for the Third Circuit held that the patent was invalid for want of invention. 321 O. G. 4; 1924 C. D. 426; 291 Fed. 486. In view of the conflict of decision, the writ of certiorari was granted by this Court (264 U. S. 578) to review the determination in the third circuit. *Thomson Co.* v. *Ford Motor Co.*, 265 U. S. 445. Both suits involved claims numbered 1, 2, 5, and 13 of the Callahan patent for "material-transferring apparatus" designed for use in transferring concrete or other plastic materials from a suitable source of supply to working points desired on a building or other structure, in the course of construction.

In principle, the device concerned calls into operation gravity, in conveying mobile substances from an elevated central point to varying working points in building operations. The claims made by the patentee, which relate to a combination embraced in the apparatus described, when paraphrased and separated into their constituent elements, comprise: (1) a tower; (2) a boom oscillatory or swinging horizontally, adjustably connected with the tower and adapted to be arranged at various points in its height; (3) a conduit carried by the boom, extending laterally from the tower, connected to it and adjustable vertically at varying heights in the tower; (4) a means for raising plastic material to the height desired in the tower; and (5) a means for receiving the plastic material from the raising means and conducting it to the conduit, both the raising means and the receiving means being adjustable vertically at varying heights in the tower.

The apparatus described in the Letters Patent is capable of use in conveying "wet" or "mush" concrete from the point where it is prepared for use and distributing it to points where it is incorporated into a building in process of construction. When the mixed concrete is in readiness to be placed in the forms or molds in which it is allowed to "set" or harden into an integral part of the structure, it is elevated by the "raising means," usually a bucket, skip, or other suitable conveyer, to the "receiving means," a hopper, in which the concrete is deposited. From thence it flows by gravity into the conduit and through it to the form or mold, which may be in any part of the structure at a suitable level below the base of the hopper. As the building progresses, the conveyer, the hopper, and the attached conduit may be progressively raised within the tower so that gravity may carry the flowing concrete to any desired point at lower levels in the structure.

The several elements in the petitioners' claims which we have enumerated embrace familiar devices long in common use, separately or in smaller groups, both in this and in kindred mechanical arts. It is not argued that there is any novelty in such units or groups and the only serious question presented is whether in combination in the apparatus described, they constitute an invention. That the combination embodied in the described apparatus produces a useful result in the mechanical arts and in modified form is widely used in building operations is established. Our inquiry therefore must be addressed to the question whether the combination is novel and whether it passes the line simetimes tenuous and difficult of ascertainment which separates mechanical skill from invention. The pursuit of this inquiry involves a consideration of the state of the art prior to Callahan's application, of which elaborate proof was made in the trial court.

Because of an evident difference in the state of the proof in the two cases, the adjudications of this patent by the two circuit courts are, we think, only apparently conflicting. It is clear from an examination of the two records, the earlier of which is an exhibit in this suit, as well as from the opinion of the court in the sixth circuit, that that court did not have before it the detailed history of the practical development of the art, which was elaborately proved in the present case and which convinced both the district judge and the Circuit Court of Appeals in the Third Circuit that the plaintiff's appliance did not embody an invention. The question thus presented is one of fact, but notwithstanding the agreement of the two courts below, on this aspect of the case, the difference in result reached by the two circuit courts leads us to review the salient features of the state of the art at about January, 1908, when, according to petitioners, Callahan conceived the combination covered by the claims in his patent. See *Thompson Co.* v. *Ford Motor Co.*, supra, 447.

It is a fact of which we may take judicial notice (*King* v. *Gallun*, 109 U. S. 99) that the principle of conveying and distributing a mobile substance by gravity has found exemplification for centuries, in apparatus for lifting water by power, in buckets or other convenient form of conveyer to a central reservoir from which its flow is induced by gravity, through suitable conduits to fixed points or through movable pipes or hose to varying selected points. Long prior to the Callahan application the principle had been applied to other substances capable of flow under the action of gravity, such as grain, coal, crushed stone, sand, and iron ore. The proof is abundant that by 1905 it was common practice in the erection and use of grain elevators to provide for raising the grain by endless belt or other conveyer to the top of the elevator; then to discharge it into a receptacle called a garner or hopper from which it flowed by gravity through pipes or spouts having a swivel connection with the hopper and swinging laterally so that the lower end of the spout was movable in the arc of a circle. These spouts were capable of extension, variable at will by attaching additional sections appropriately swiveled, to the end of the section of the spout connecting with the hopper. The conduit or spout was supported, according to need and convenience, by an inclined cable attached at a suitable point above to the elevator tower, or by pivoted boom or gaff attached to the tower of the elevator and capable of being raised or lowered at its outer end. Apparatus of this type was commonly and successfully used for the unloading and storage of grain and for loading it from storage on to ships or cars in varying positions and distances from the elevator tower; sectional or telescopic spouts attached to the tower and to each other being used to secure the delivery of the grain in the desired direction, and at desired distances, the spout being raised or lowered and given direction by the use of boom and tackle. On occasion there was duplication of the apparatus on board ship by the use of a supplemental hopper and supplemental conduit or chute supported and controlled by boom and tackle located on the ship.

Similar apparatus was in use for the moving of coal by gravity through chutes so constructed as to be moved either vertically or horizontally and supported by cable or boom.

Before 1904–5 it was common practice for architects' specifications to require that concrete used in building operations be mixed "dry," that is, of a consistency which would not admit of its ready flow by gravity. This practice was resisted by engineers and contractors because it was cheaper and easier to use "wet" concrete, which could be conveniently distributed through chutes and conduits. For reasons which need not now be inquired into in detail, the increasing use in earlier years of "wet" concrete in all types of structural work had become the established practice by 1905. Contemporaneously with this increasing use and, as the proofs show, an active agency in inducing it, was the practical adaptation of the apparatus, used in moving and distributing grain and other substances of similar mobility, to all the requirements for the convenient handling and distribution of concrete by gravity in building operations. Without attempting to refer to all of the numerous instances of that adaptation it will be sufficient to indicate some of the more significant examples which mark its progress.

As early as 1902–3 in the construction of the Ingalls Building in Cincinnati, an apparatus was used for elevating concrete to a hopper from which it was discharged through movable metal chutes supported by horses, to varying required points on the floor area of a building in process of erection. This apparatus was described in The Engineering News of July 30, 1903.

In 1906 a like apparatus was used in the construction of a reenforced-concrete building in Norfolk, Va. Concrete was elevated in a tower to a hopper which was capable of being elevated from story to story as the work progressed. The chute attached to the mouth of the hopper by swivel was capable of lateral movement and supported by block and tackle attached to the top of the tower.

There is proof of the use at San Francisco harbor in 1904–5–6, in concrete construction, of substantially similar apparatus placed on a scow. It involved the use of a chute moved into different positions by a supporting boom.

In June, 1907, a similar apparatus was used in the construction of a steel-framed concrete building in St. Louis; although sketches, prepared at the time, called for a swinging boom for the support of a conduit, the boom was in practice dispensed with, as the steel skeleton of the building afforded a means of supporting the conduit.

In the summer of 1908 an appliance of the same sort was used in the construction of a concrete building at St. Joseph, Mo., the hopper being capable of elevation within the tower as required and the movable chute being supported by cables radiating from the top of the tower.

In 1906 the Great Lakes Dredge & Dock Co. built at Gary, Ind., a concrete cofferdam using a mixer placed on a car running on a trestle, with a wooden hopper beneath the mouth of the mixer and a movable steel chute extending from the hopper into the cofferdam, the chute being secured by ropes or wires extending to the bracing.

In 1907 in connection with this same construction the apparatus was modified by the addition of a mast to which was attached a swinging boom from which the movable steel chute was suspended. This was in successful operation several months and was constructed by a man who had never seen concrete handled in this manner but who was familiar with grain-elevator practice.

In July, 1908, five months prior to the filing of the Callahan application, an apparatus comprising the elements enumerated in the claims in suit was used successfully in constructing a concrete building in St. Louis. The hopper was vertically adjustable, but the boom was mounted at the top of the tower, so that there was no necessity for change of its location vertically as the building progressed. The use of a swinging boom attached to a building in process of erection or to a construction tower, which boom, was in practice raised from time to time as convenience of operation required, was then a well-known device.

In this state of the art, Callahan and several others, in the period 1904–1909, applied for patents on combinations for the conveying of wet concrete through spouts or chutes, their applications resulting in interferences.

Without more extensive examination of the record this state of the proof leads us irresistibly to the conclusion that the combination described in the Callahan application does not constitute an invention.

[1] The observations of common experience in the mechanical arts would lead one to expect that once the feasibility of using "wet" concrete in building operations was established, the mechanical skill of those familiar with engineering and building problems would seek to make use of known methods and appliances for the convenient handling of this new building material.

[2, 3] To say nothing of the universally known methods and appliances for raising and distributing water, there were ready at hand widely used and generally understood appliances for the elevation and distribution of mobile substances, such as grain and coal, which involved, both in principle and in practical detail, all the elements described in the Callahan claims. Failure to make use of these obviously applicable methods and appliances in combination, suitable to the particular work in hand, in dealing with a new plastic material capable of similar treatment would, we think, have evidenced a want of ordinary mechanical skill and of familiarity with construction problems and methods. The adaptation independently made by engineers and builders of these familiar appliances to the movement and distribution of wet cement in building operations and the independent patent applications, within a comparatively short space of time, for devices for that purpose are in themselves persuasive evidence that this use in combination of well-known mechanical elements was the product only of ordinary mechanical or engineering skill and not of inventive genius. *Atlantic Works* v. *Brady*, 23 O. G. 1330; 1883 C. D. 214; 107 U. S. 192. It is but—

> the suggestion of that common experience, which arose spontaneously and by a necessity of human reasoning, in the minds of those who had become acquainted with the circumstances with which they had to deal. *Hollister* v. *Benedict Manufacturing Co.*, 113 U. S. 59, 72.

This progressive adaptation, much of which preceded and some of which was contemporaneous with the Callahan adaptation, of well-known devices to new but similar uses—

> is but the display of the expected skill of the calling, and involves only the exercise of the ordinary faculties of reasoning upon the materials supplied by a special knowledge, and the facility of manipulation which results from its habitual and intelligent practice. *Hollister* v. *Benedict Manufacturing Co.*, supra, at page 73.

No novel elements were used by Callahan in his device. We are unable to find that their use in combination in it was more than the application to them of mechanical skill in the course of a natural development and expansion of the art. The decree of the court below is affirmed.

Court of Appeals of the District of Columbia.

THE AMERICAN TOBACCO COMPANY, INC., *v.* GORDON. GORDON *v.* THE AMERICAN TOBACCO COMPANY, INC.

Nos. 1,765, 1,766. Decided December 7, 1925.

1. TRADE-MARKS—SAME DESCRIPTIVE PROPERTIES, CONFUSION IN TRADE—DECEPTION OF PUBLIC.
   Two trade-marks may be said to be appropriated to merchandise of the same descriptive properties in the statutory sense when the general and essential characteristics of the goods are the same; that is, where there is such a sameness in the distinguishing characteristics as to be likely to result in confusion in the trade and deception of the public.
2. SAME—SAME—SAME—GOODS CAPABLE OF APPLICATION TO SAME GENERAL USE.
   Registration has been denied on the ground that the mark has been appropriated to merchandise of the same descriptive properties where it was opposed by one whose goods were capable of being applied to the same general use.
3. SAME—SAME—GOODS CAPABLE OF CONJOINT USE.
   The statute does not permit of an interpretation under which goods can be held to possess the same descriptive properties because they are capable of conjoint use.
4. SAME—SAME—CIGARETTES—PIPES AND TOBACCO CONTAINERS.
   Cigarettes, pipes, and tobacco containers are goods of different descriptive properties.
5. SAME—OPPOSITION—CITATION OF TRADE-MARK INFRINGEMENT AND UNFAIR COMPETITION CASES.
   Trade-mark and unfair competition cases are not pertinent to a statutory proceeding, such as an opposition.

APPEALS from Patent Office. Affirmed as to 1,765. Reversed as to 1,766.

Mr. Thomas J. Johnston for The American Tobacco Company, Inc.

Mr. Edgar M. Kitchin for Gordon.

Before MARTIN, Chief Justice, ROBB, Justice, and SMITH, Judge U. S. Court of Customs Appeals.

ROBB, *J.*:

Appeal from a decision of the Patent Office, in a trade-mark opposition proceeding, dismissing in part and sustaining in part the opposition to the registration by the party Gordon of the words "Pall Mall" as a trade-mark for pipes, cigar and cigarette holders, pouches, tobacco bags, humidors and cigar and cigarette containers.

Long prior to the adoption of this mark by Gordon, the American Tobacco Company had adopted and very extensively used the mark on cigarettes and contends that this use also had extended to cigarette containers. The Examiner ruled that cigarettes and the goods to which applicant's mark is applied are goods of different descriptive properties, within the meaning of the Trade-Mark Act, and that opposer's use of the mark in connection with cigarette containers was not a trade-mark use. The [First] Assistant Commissioner agrees with the Examiner, except as to cigarette holders, with respect to which he sustained the opposition.

The Trade-Mark Act of 1905 (33 Stat. 724), prohibits the registration of trade-marks identical with or deceptively similar to a known trade-mark, "and appropriated to merchandise of the same descriptive properties." Since the marks of the two parties in this case are identical, the only question here is whether these marks are applied to goods of the same descriptive properties, within the meaning of the statute.

[1, 2] We have ruled that two trade-marks may be said to be appropriated to merchandise of the same descriptive properties, in the statutory sense, when the general and essential characteristics of the goods are the same; that is, where there is such a sameness in the distinguishing characteristics as to be likely to result in confusion in the trade and deception of the public. *Phoenix P. & V. Co.* v. *John T. Lewis & Bro.*, 139 O. G. 990; 32 App. D. C. 285. Under this interpretation, we have denied the right of registration where the goods of the respective parties have been capable of being applied to the same general use. Thus, in *H. Wolf & Sons* v. *Lord & Taylor*, 202 O. G. 632; 41 App. D. C. 514, we held that hosiery and knitted underwear were goods of the same descriptive properties, since their essential characteristics were similar and both were used as articles of clothing. And in *Anglo-American Incand. L. Co.* v. *General Elec. Co.*, 215 O. G. 325; 43 App. D. C. 385, gas mantles and incandescent electric lamps were held to be capable of the same general use and of the same descriptive properties.

[3, 4] We now are asked to go a step farther and rule that goods capable of a conjoint use possess the same descriptive properties. In our view, however, the statute does not permit of such an interpretation. Whether the qualifying words, "goods of the same descriptive properties," aptly express the legislative intent, is not for us to determine. The statute must be taken as it is found, and, when so interpreted, we see no escape from the conclusion that cigarettes, pipes, and tobacco containers are goods of different descriptive properties.

[5] Several trade-mark infringement and unfair competition cases have been cited by the opposer, but as we many times have suggested such cases are not pertinent to a statutory proceeding like the present. The registration of this mark will not deprive the opposer of any rights it may have in an unfair competition suit.

We agree with the tribunals of the Patent Office that the use by the opposer of cigarette containers was not a trade-mark use, but we are unable to follow the [First] Assistant Commissioner in his ruling that cigarettes and cigarette holders are goods of the same descriptive properties. They are no more similar, in this sense, than tobacco and pipes would be. It results that the decision is affirmed as to appeal No. 1765 and reversed as to appeal No. 1766.

Affirmed as to No. 1765.

Reversed as to No. 1766.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

841,844, J. Bernet, Key-operated locking switch, decree of district court affirmed Oct. 16, 1925, C. C. A. (7th Cir.), Doc. 3539, *W. R. Cox* v. *Clum Mfg. Co. et al.*

876,210. (See 1,166,734.)

912,721, M. Norden, Illuminated sign, suit filed Sept. 26, 1925, D. C., S. D. N. Y., Doc. E 30/176, *Norden Co., Inc.*, v. *Picadilly Holding Corp. et al.* Consent decree sustaining patent and granting injunction Nov. 16, 1925.

918,388, R. C. Stubbs, Process of solidifying mortar and concrete formations, suit filed Nov. 16, 1925, D. C., N. D. Ga., Doc. E 383, *R. C. Stubbs* v. *The Driveway Co.*

923,557, F. Milliken, Pole, appeal filed Oct. 15, 1925, C. C. A. (7th Cir.), Doc. 3664, *F. Milliken* v. *Aermotor Co.*

942,932, H. Robinson, Vegetable-paring machine, suit filed Oct. 13, 1925, D. C., E. D. Pa., Doc. 3467, *Imperial Machine & Foundry Co.* v. *American Machinery Co., Inc.*

986,698, J. W. Doster, Railway-tie plate, decree of district court affirmed Nov. 10, 1925, C. C. A. (7th Cir.), Doc. 3570, *The Lundie Engineering Co.* v. *The Railroad Supply Co.*

1,041,023, C. A. Channell, Mop, decree of district court affirmed Oct. 30, 1925, C. C. A. (7th Cir.), Doc. 3590, *O'Cedar Corp.* v. *Grossman Mfg. Co.*

1,043,835, W. E. Hinsdale, Water-closet-bowl support, suit filed Nov. 16, 1925, D. C., S. D. N. Y., Doc. E 34/289, *Trenton Potteries Co.* v. *Fee & Mason Mfg. Co., Inc.*

1,050,441, R. A. Fessenden, Electric signaling apparatus; 1,050,728, same, Method of signaling; 1,113,149, E. H. Armstrong, Wireless receiving system, final consent decrees sustaining patents and granting injunction Nov. 13, 1925, D. C., S. D. N. Y., Doc. E 30/305, *Westinghouse Electric & Mfg. Co. et al.* v. *Greater Atlantic & Pacific Radio Corp.*; and Doc. E 29/48, *Westinghouse Electric & Mfg. Co.* v. *M. Taub* (*Atlantic & Pacific Radio Co.*).

1,050,728. (See 1,050,441.)

1,060,498, E. J. Ruckstuhl, Cane-juice separator, suit filed Nov. 10, 1925, D. C., E. D. La. (Baton Rouge Div.), Doc. 133, *Mrs. L. Maurer* v. *Mrs. F. E. Laws.*

1,082,744. (See 1,166,734.)

1,113,149. (See 1,050,441.)

1,113,149, E. H. Armstrong, Wireless receiving system, final decree for plaintiff; injunction issued Nov. 17, 1925, D. C. Mass., Doc. E 1997, *Westinghouse Electric & Mfg. Co.* v. *Clapp-Eastham Co.*

1,128,773, J. S. Goldberg, Carburetor, appeal filed Nov. 11, 1924, C. C. A. (7th Cir.), Doc. 3501–2, *Stromberg Motor Devices Co.* v. *Benecke & Kropp Mfg. Co.* Decree of district court affirmed Oct. 19, 1925.

1,128,823, W. R. Stockwell, Liquid heater, suit filed Nov. 2, 1925, D. C., E. D. Mich. (S. Div.), Doc. 1220, *Weil-McLain Co.* v. *The American Boiler & Foundry Co.*

1,166,734, R. M. Anderson, Carburetor; 876,210, J. H. Miller, same; 1,082,744, J. S. Goldberg, Automatic valve mechanism, appeal filed Nov. 11, 1924, C. C. A. (7th Cir.), Doc. 3499–3500, *Stromberg Motor Devices Co.* v. *Benecke & Kropp Mfg. Co.* Decree of district court affirmed Oct. 19, 1925.

1,212,840, F. J. Straub, Building block and method of making same, suit filed Oct. 19, 1925, D. C., E. D. Pa., Doc. 3473, *Crozier-Straub, Inc.*, v. *J. Ardes.*

1,307,733, A. V. Gullborg, Lubricating apparatus; 1,307,734, same, Lubricating means, appeal filed Oct. 14, 1925, C. C. A. (7th Cir.), Doc. 3666, *The Bassick Mfg. Co.* v. *Auto Equipment Co.*

1,307,733 (*a*), A. V. Gullborg, Lubricating apparatus, suit filed Oct. 24, 1925, D. C. Utah, Doc. 9096, *The Bassick Mfg. Co.* v. *W. C. Van Horbek.*

1,307,734. (See 1,307,733.)

1,330,231, D. Belais, Production of white gold, appeal filed Nov. 11, 1925, C. C. A. (2d Cir.), Doc. 8962, *D. Belais, Inc.*, v. *Goldsmith Bros. Smelting & Refining Co.*

1,335,389, C. L. Rayfield, Carburetor, suit filed June 19, 1920, D. C., N. D. Ill. (E. Div.) Doc. 1369, *Stromberg Motor Devices Co.* v. *Beneke & Kropp Mfg. Co.*

1,411,391, J. D. Tucker, Spoke tightener, permanent injunction in favor of plaintiff (notice dated Nov. 16, 1925), D. C. Kans. (1st Div.), Doc. 766 N, *Tucker Mfg. Co. et al.* v. *R. H. Curby* (*Curby Auto Supply Co.*).

1,421,763. (See Re. 15,217.)

1,439,299, J. C. Doran, Shape-retaining means for hats, suit filed Oct. 30, 1925, D. C., S. D. N. Y., Doc. E. 34/218, *J. C. Doran et al.* (*Doran Bros.*) v. *S. Saks.*

1,464,683, N. P. Ovaitt, Counter attachment for accounting machine, suit filed Oct. 16, 1925, D. C., E. D. Pa., Doc. 3469, *N. C. Ovaitt* v. *W. A. Ulshoefer.*

1,470,524, H. B. Burt, Process of making frozen confection, order of discontinuance consent, Nov. 12, 1925, D. C., S. D. N. Y., Doc. E 31/265, *H. B. Burt* v. *Popsicle Corp. of the U. S., Inc.*

1,473,341, Gibson & Needham, Grinding mill, suit filed Oct. 7, 1925, D. C., E. D. Pa., Doc. 3459, *Bradley Pulverizer Co.* v. *Bethlehem Foundry & Machine Co.*

1,476,974, A. E. Hutt, Inside stairway and folding door for double-deck motor coaches, suit filed Oct. 31, 1925, D. C., E. D. Pa., Doc. 3479, *A. E. Hutt* v. *Philadelphia Rural Transit Co.*

1,515,291, M. White, Handle, suit filed Nov. 12, 1925, D. C., S. D. N. Y., Doc. E 34/286, *M. White* v. *Quality Leather Goods Co.*

1,539,084, E. F. Higgins, Manufacture of imitation mother-of-pearl, suit filed Nov. 10, 1925, D. C., S. D. N. Y., Doc. E 34/272, *J. H. Meyer Bros., Inc.*, v. *The Fiberloid Corp.*

1,539,534, I. D. Ansell, Vehicle ventilator, suit filed Nov. 16, 1925, D. C., N. D. Ohio (W. Div.), Doc. E 599, *I. D. Ansell* v. *Lima Sheet Metal Products Co.*

1,540,691, W. A. Gibbs, Animal trap, suit filed Nov. 14, 1925, D. C. Md., Doc. E 1006, *W. A. Gibbs* v. *Montgomery Ward & Co.*

Re. 15,217, W. A. Caldwell, Ventilated-grain-crib stave; 1,421,763, same, Grain crib, appeal filed Oct. 15, 1925, C. C. A. (7th Cir.), Doc. 3665, *Mrs. M. Weiser et al.* v. *Portable Elevator Mfg. Co.*

Re. 15,615, E. G. Carr, Subgrade scraper, appeal filed Nov 9, 1925, C. C. A. (7th Cir.), Doc. 3677, *The Hug Co. et al.* v. *The Lakewood Engineering Co. et al.*

Re. 16,053, J. Hadfield, jr., Stocking and process of making same, suit filed Oct. 2, 1925, D. C., E. D. Pa., Doc. 3455, *J. Hadfield, jr.*, v. *H. Lichten* (*Triple Wear Hosiery Mills*).

Des. 60,878, Pardee, Dewire & Suporter, Radiator cap, interlocutory decree Oct. 15, 1925, patent held valid and infringed, D. C. Utah, Doc. 7751, *Miller & Pardee, Inc.*, v. *Barry Macbeth Sales* Agency.

Des. 66,799, Des. 66,860, Des. 66,861, Des. 66,862, D. Kaplan, Body for electric-lighting fixtures; Des. 66,855, Canopy for electric-lighting fixtures; Des. 66,856, Des. 66,857, same, Loop for electric-lighting fixtures; Des. 66,858, same, Ball lamp adapter for electric-lighting fixtures; Des. 66,859, same, Wall bracket for electric-lighting fixtures, suit filed Nov. 17, 1925, D. C., S. D. N. Y., Doc. E 34/292, *D. Kaplan* (*Well Made Lighting Fixtures*) v. *Sunshine Lighting Fixture Co., Inc.*

Des. 66,855. (See Des. 66,799.)
Des. 66,856. (See Des. 66,799.)
Des. 66,857. (See Des. 66,799.)
Des. 66,858. (See Des. 66,799.)
Des. 66,859. (See Des. 66,799.)
Des. 66,860. (See Des. 66,799.)
Des. 66,861. (See Des. 66,799.)
Des. 66,862. (See Des. 66,799.)

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,405,773, W. M. Folberth, Windshield-cleaning apparatus, decided December 18, 1925, claims 4, 7, and 9.

Pat. 1,536,782, W. E. Focke, Method of trimming heads and apparatus therefor, decided December 9, 1925, claims 2, 3, 8, 10, and 14.

Pat. 1,506,275, G. H. Stevenson, Protective means for electric currents, decided December 12, 1925, claims 28 and 29.

Pat. 1,428,597, R. L. Lemon, Shipping box for canned goods, decided December 29, 1925, claim 1.

Pat. 1,476,907, F. W. Martin, Furnace door, decided December 2, 1925, claims 3, 4, and 5.

Final decisions in interferences have been rendered against the following trade-marks:

T. M. 97,546, Puncture cure for pneumatic tires, The McGowan Company, Homestead, Pa. Registered June 9, 1914. Decided December 9, 1925.

T. M. 92,222, Art glass, International Shade Co., Springfield, Mass. Registered June 24, 1918. Decided December 11, 1925.

T. M. 95,066, Storage batteries, The Cook Railway Signal Company, Denver, Colo. Registered February 3, 1914. Decided November 21, 1925.

T. M. 121,594, Canned salmon, Cascade Packing Company, Anacortes, Wash. Registered May 14, 1918. Decided November 24, 1925.

TRADE-MARKS

OFFICIAL GAZETTE, JANUARY 19, 1926.

[VOL. 342. No. 3.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 184,002. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) TINGUE, BROWN & CO., New York, N. Y. Filed Aug. 2, 1923.



No claim is made to the representation of a laundry net. A line of blue color extends around the open top edge of the net, as indicated by the color lines shown in the drawing.

Particular description of goods.—Laundry Nets.
Claims use since June 12, 1923.

Ser. No. 187,738. (CLASS 34. HEATING, LIGHTING, AND VENTILATENG APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) LOUIS H. GEURINK, East Cleveland, Ohio. Filed Oct. 31, 1923.

PERFECTO

Particular description of goods.—Mixing Arm and Combustion Nozzle for Gas Stoves and Furnaces.
Claims use since Aug. 25, 1923.

Ser. No. 191,822. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DURAND-MCNEIL-HORNER CO., Chicago, Ill. Filed Feb. 5, 1924.

WHITE BEAR

Particular description of goods.—Coffee, Pancake Flour, Pastry Flour; Mixture of Buckwheat, Wheat, and Corn Flour; Cereal Breakfast Food, Wheat Farina, Toasted Corn Flakes, Evaporated Milk, Apple Butter, Gelatin Dessert, Flavoring Extracts for Food Purposes, Popping Corn, Spaghetti, Prepared Mustard, Nutmeg, Paprika, Pepper, Horse-Radish, Fruit Preserves, Fruit Jelly, Plum Pudding, Mincemeat, Salad Dressing, Tomato Catchup, Malt Extract for Food Purposes, Peanut Butter, Honey, Shredded Coconut, Cocoa, Salted Peanuts, Candy, Vinegar, Olive Oil, Dried Beef, Sweet Pickles, Olives, Whole Mustard; Dried Fruits—Viz, Prunes and Currants; Plum Butter, Cheese, Cracked Wheat.
Claims use since 1910.

Ser. No. 203,821. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GEO. H. IRVINE, doing business as Sno-Flake Products Company, Detroit, Mich. Filed Oct. 13, 1924.

TRADE MARK

Exclusive right to the use of the word "Trade-Mark" is hereby disclaimed.

Particular description of goods.—Automobile and Furniture Polish.
Claims use since Apr. 15, 1925.

Ser. No. 203,957. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KEYES DAREN MILLS LTD., Dartford, England. Filed Oct. 16, 1924.

DAREN

Particular description of goods.—Bread and Wheat Germ Flour and Mixed Flour Containing Wheat Germs.
Claims use since Nov. 21, 1894.

Ser. No. 203,997. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) ANDS. KOCH A.-G., Trossingen, Germany. Filed Oct. 17, 1924.

Trade-  Mark.

Eingetragene-Schutzmarke.

No claim is made to the words "Trade-Mark" and "Eingetragene-Schutzmarke."
Particular description of goods.—Mouth Organs.
Claims use since Oct. 1, 1894.

Ser. No. 204,267. (CLASS 39. CLOTHING.) MORRIS KLINE, doing business as Du-Hold Company, Cleveland, Ohio. Filed Oct. 22, 1924.

DU-HOLD

Particular description of goods.—Apparel Belts.
Claims use since about Oct. 13, 1924.

Ser. No. 204,662. (CLASS 21. ELECTRICAL APPARATUS, MACHINERY, AND SUPPLIES.) KAUPY & SCHÖNMANN, KABEL-ISOLIERBAND-UND GUMMIWAREN-ERZEUGUNG "DURABIT," Vienna and Perchtoldsdorf, Austria. Filed Oct. 31, 1924.

DURABIT

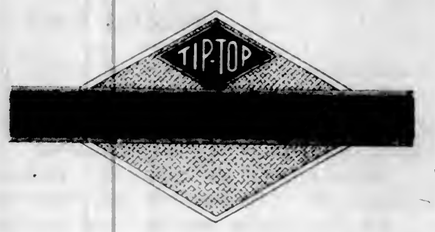
Particular description of goods.—Rubber Bands, Rubber Tape, and Insulating Compounds, All for Electric Insulation.
Claims use since Nov. 14, 1921.

Ser. No. 204,866. (CLASS 12. CONSTRUCTION MATERIALS.) THE PEROLIN COMPANY OF AMERICA, Chicago, Ill. Filed Nov. 5, 1924.

PERO BRIK

No claim is made to the word "Brik" apart from the mark shown in the drawing.
Particular description of goods.—Fire Brick in a Plastic Putty Form.
Claims use since December, 1922.

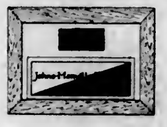
Ser. No. 205,250. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HENRY C. THOMPSON, Hartford, Conn., assignor to The Thompson Specialties Inc., Springfield, Mass., a Corporation of Massachusetts. Filed Nov. 13, 1924.



The drawing contains the colors blue and yellow, as shown by the color lines therein.
Particular description of goods.—Materials for Coloring Low Spots on Balls or Rollers of Bearings as a Guide for Grinding—Namely, Bearing Blue.
Claims use since Oct. 31, 1924.

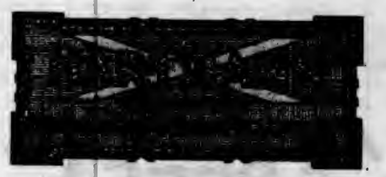
Ser. No. 205,483. (CLASS 12. CONSTRUCTION MATERIALS.) JOHNS-MANVILLE, INCORPORATED, New York, N. Y. Filed Nov. 18, 1924.

HOUSLINE



Particular description of goods.—Heat-Insulating Materials for Buildings, Composed Mainly of Hair Felt.
Claims use since Feb. 1, 1924.

Ser. No. 205,753. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) HARTMANN TRUNK COMPANY, Racine, Wis. Filed Nov. 24, 1924.



No claim is made to the words "Cushion Top Wardrobe Trunks" apart from the mark shown in the drawing. The trade-mark is lined to indicate the colors black, red, and gold.
Particular description of goods.—Wardrobe Trunks.
Claims use since January, 1920.

Ser. No. 206,087. (CLASS 39. CLOTHING.) SCHOLL MANUFACTURING COMPANY, INC., Chicago, Ill. Filed Dec. 1, 1924.

RE-FORM

Particular description of goods.—Boots, Shoes, and Slippers Made of Leather, Rubber, Fabric, and Combinations Thereof.
Claims use since February, 1917.

Ser. No. 206,179. (CLASS 2. RECEPTACLES.) MANNING, BOWMAN & Co., Meriden, Conn. Filed Dec. 3, 1924.

MB Means Best

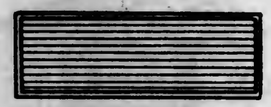
Particular description of goods.—Lunch Boxes, Vacuum Bottles, Vacuum-Bottle Cases, Vacuum Carafes, Vacuum Food Jars, Vacuum Jugs, Vacuum Vessels for Containing Cracked Ice, Etc.
Claims use since Jan. 1, 1924.

Ser. No. 206,985. (CLASS 2. RECEPTACLES.) THE VORTEX MFG. CO., Chicago, Ill. Filed Dec. 19, 1924.

OVALCONE

Particular description of goods.—Paper Cups.
Claims use since Nov. 19, 1924.

Ser. No. 207,869. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) G. & W. HELLER, Vienna, Austria. Filed Jan. 9, 1925.



The lining of trade-mark drawing indicates the color blue.
Particular description of goods.—Candy.
Claims use since Mar. 5, 1904.

Ser. No. 208,791. (CLASS 5. ADHESIVES.) VICTOR F. VAN STAN, Philadelphia, Pa. Filed Jan. 28, 1925.

"MAR-MORA"
The Invisible Mender

Particular description of goods.—Adhesive Mending Cement.
Claims use since on or about Dec. 1, 1904.

Ser. No. 209,612. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BENTLEY HARRIS MFG. CO., Conshohocken, Pa. Filed Feb. 16, 1925.



No claim is made herein to the name of the applicant apart from the mark shown in the drawing. The stippling on the background of the diamond-shaped figure and on the representation of conductors is not intended to represent color, but indicates shading only.
Particular description of goods.—Electrical Insulation.
Claims use since Dec. 29, 1924.

Ser. No. 210,030. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) AMERICAN BELTING & HOSE CO., Portland, Oreg. Filed Feb. 24, 1925.

GRIPPO

Applicant disclaims representation of the pulleys appearing in the mark apart from the mark shown in the drawing.
Particular description of goods.—Pulleys Made of a Composition Material Having Nonslip Characteristics.
Claims use since Sept. 1, 1924.

Ser. No. 210,992. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Filed Mar. 14, 1925.



Particular description of goods.—Plant Preventives, Fungicides, and Insecticides.
Claims use since Sept. 18, 1924.

Ser. No. 211,263. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FRIEDLANDER-KOPPLE RADIO SERVICE, New York, N. Y. Filed Mar. 19, 1925.



Applicant makes no claim to the words "Well Built."
Particular description of goods.—B Batteries, Also A Batteries, Loud-Speaker Horns, Phones, Sockets, Rheostats, Radio Receiving Sets, Panels, Couplers, Variometers, Condensers, Transformers, Dials, A-Battery Eliminators, and B-Battery Eliminators.
Claims use since Jan. 1, 1923.

Ser. No. 211,314. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WHITE & SONS, Galeton, Pa. Filed Mar. 19, 1925.

PINE CREEK

Particular description of goods.—Corn Meal, Corn and Oats Feed, Poultry Laying Mash, Self-Rising Pancake Flour, and Self-Rising Biscuit and Cake Flour.
Claims use since Dec. 1, 1924.

Ser. No. 211,965. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ARGUS RADIO CORPORATION, New York, N. Y. Filed Apr. 1, 1925.



No claim is made to the word "Power."
Particular description of goods.—Radio Receiving Sets.
Claims use since Mar. 10, 1925.

Ser. No. 212,158. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) STEWART-WARNER SPEEDOMETER CORPORATION, Chicago, Ill. Filed Apr. 3, 1925.

Stewart-Warner

The trade-mark includes the name "Stewart" in the form of a facsimile of the signature of John K. Stewart, the founder of this company, and the name "Warner" is presented in a style conforming to that of said facsimile signature.
Particular description of goods.—Radio Receiving Sets.
Claims use since Jan. 24, 1925.

Ser. No. 214,514. (CLASS 39. CLOTHING.) A. STEIN & COMPANY, Chicago, Ill. Filed May 18, 1925. Under section 5b of the act of 1905 as amended in 1920.

PARIS

Particular description of goods.—Belts for Personal Wear.
Claims use since May 1, 1924.

Ser. No. 214,550. (CLASS 17. TOBACCO PRODUCTS.) STANLEY JAGGERS, doing business as Stanley Jaggers & Co., Hodgenville, Ky. Filed May 19, 1925.

Lincoln Cabin



Particular description of goods.—Smoking and Chewing Tobacco.
Claims use since Dec. 1, 1924.

Ser. No. 214,859. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HENRY B. DUBINICK, New York, N. Y. Filed May 25, 1925.



The words "Radio Shade" are disclaimed apart from the mark shown.
Particular description of goods.—Combination Electric Radiocabinet, Shade, and Table Lamp.
Claims use since May 1, 1925.

Ser. No. 215,023. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) REASONER BROTHERS' ROYAL PALM NURSERIES, Oneco, Fla. Filed May 28, 1925.



No claim is made to the exclusive use of the word "Nurseries" or the words "Make Your Home and Town Attractive" apart from the mark shown in the drawing.
Particular description of goods.—Ornamental Plants, Trees, and Flowers.
Claims use since Dec. 1, 1918.

Ser. No. 215,092. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) PEERLESS PRODUCTS COMPANY, Los Angeles, Calif. Filed May 29, 1925.



Applicant disclaims the word "Peerless" apart from the mark shown in the drawing.
Particular description of goods.—Wax Distributor and Floor Polisher.
Claims use since Oct. 1, 1924.

Ser. No. 215,963. (CLASS 12. CONSTRUCTION MATERIALS.) THE BELDAM PACKING & RUBBER COMPANY LIMITED, London, England. Filed June 18, 1925.



Particular description of goods.—Asbestos Fiber for Lagging, Asbestos Covering for Boilers, Pipes, and the Like.
Claims use since 1922.

Ser. No. 216,770. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) B. K. FEED MILLS, Topeka, Kans. Filed July 2, 1925.



Particular description of goods.—Chick Meal.
Claims use since February, 1925.

Ser. No. 217,185. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) JAS. SMITH & SON, REDDITCH LIMITED, Redditch, England. Filed July 10, 1925.



The pictorial representation of the map of England is disclaimed apart from the mark shown by the drawing; also the pictorial representation of the needle is disclaimed.
Particular description of goods.—Pins—Namely, Office Pins, Toilet Pins, Safety Pins, Knitting Pins, Hatpins, Hairpins, and Tie Pins; Hand Sewing Needles, Bodkins, and Crochet Hooks, Being Goods of Ordinary Metal.
Claims use since Sept. 22, 1924.

Ser. No. 218,109. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed July 30, 1925.



The exclusive use of all wording with the exception of "Oleolo du Dr. Pierre," "Dr. Peter's Oleolo," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" shown in the drawing is disclaimed apart from the other features of the mark.
Particular description of goods.—Liniment for External Use.
Claims use since Nov. 1, 1913.

Ser. No. 218,110. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed July 30, 1925.



Exclusive use of all the wording with the exception of "Dra. Piotra," "Dr. Peter's," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" shown on the drawing being disclaimed apart from the other features of the mark.

Particular description of goods.—Liniment for External Use.

Claims use since 1893.

Ser. No. 218,111. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed July 30, 1925.



Exclusive use of all the wording with the exception of "Dr. Peters Ole-Oid," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" are disclaimed apart from the other features of the mark.

Particular description of goods.—Liniment for External Use.

Claims use since on or about Sept. 12, 1887.

Ser. No. 218,112. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed July 30, 1925.

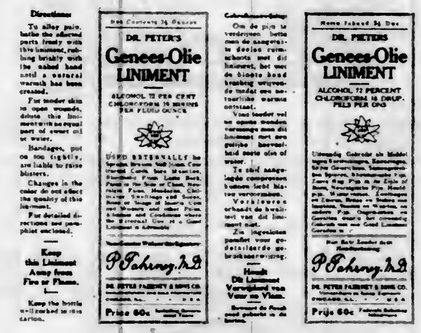


Exclusive use of all wording with the exception of "del Dottor Pietro," "Dr. Peter's," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" shown on the drawing being disclaimed apart from the other features of the mark.

Particular description of goods.—Liniment for External Use.

Claims use since 1893.

Ser. No. 218,113. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed July 30, 1925.



Exclusive use of all wording with the exception of "Dr. Pieter's," "Dr. Peter's," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" shown on the drawing being disclaimed apart from the other features of the mark.

Particular description of goods.—Liniment for External Use.

Claims use since January, 1895.

Ser. No. 218,114. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed July 30, 1925.

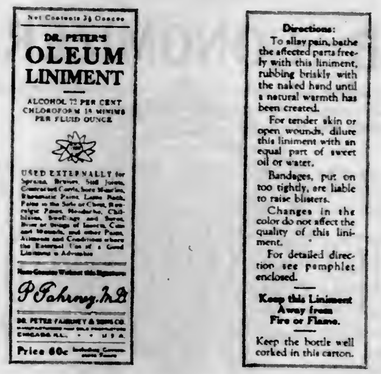


The exclusive use of all wording with the exception of "Fornis," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" shown on the drawing is disclaimed apart from the other features of the mark.

Particular description of goods.—Liniment for External Use.

Claims use since May 2, 1888.

Ser. No. 218,115. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed July 30, 1925.



The exclusive use of all wording with the exception of "Dr. Peter's," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" shown on the drawing is disclaimed apart from the other features of the mark.

Particular description of goods.—Liniment for External Use.

Claims use since May 2, 1888.

Ser. No. 218,116. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed July 30, 1925.



The exclusive use of all wording with the exception of "Dra. Petra," "Dr. Peter's," the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" shown on the drawing is disclaimed apart from the other features of the mark.

Particular description of goods.—Liniment for External Use.

Claims use since 1894.

Ser. No. 218,117. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PETER FAHRNEY & SONS CO., Chicago, Ill. Filed July 30, 1925.



Exclusive use of all the wording with the exception of "Dr. Peter's" and foreign equivalents thereof, the facsimile signature "P. Fahrney, M. D.," and the numerals "1780" being disclaimed apart from the other features of the mark.

Particular description of goods.—Preparation Used in the Treatment of Ailments Peculiar to Women.

Claims use since 1886.

Ser. No. 218,224. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM M. WALTER, doing business as M. P. H. Company, Reading, Ohio. Filed July 31, 1925.

LEMONTONES

Particular description of goods.—Vegetable Compound Used Internally as a Laxative.
Claims use since July 24, 1925.

Ser. No. 218,505. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) HENRY STADLMAIR CO. INC., New York, N. Y. Filed Aug. 6, 1925.

MIAMI

Particular description of goods.—Stringed Musical Instruments Comprising Ukuleles and Instruments Similar Thereto Known as Tiples.
Claims use since May 1, 1924.

Ser. No. 218,774. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE PILOT ELECTRIC MANUFACTURING COMPANY, INC., Brooklyn, N. Y. Filed Aug. 12, 1925.

RESISTOGRAD

Particular description of goods.—Resistance Elements—Namely, Plate Resistances, Grid Leaks, and Grid Resistances.
Claims use since June 15, 1925.

Ser. No. 218,775. (CLASS 21, ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE PILOT ELECTRIC MANUFACTURING COMPANY, INC., Brooklyn, N. Y. Filed Aug. 12, 1925.

ISOLEAK

Particular description of goods.—Resistance Elements—Namely, Grid Leaks and Grid Resistances.
Claims use since July 15, 1925.

Ser. No. 218,930. (CLASS 39. CLOTHING.) PLANT BROS. & CO., Portland, Me. Filed Aug. 15, 1925.

A·R· FORMING ·G·H

No claim is made to the word "Arch" per se or to the descriptive phrase "Arch Forming" per se except in connection with the mark shown by drawing.
Particular description of goods.—Shoes of Leather or a Combination of Leather and Fabric.
Claims use since July 25, 1925.

Ser. No. 219,669. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HUGO DUSCHNER G. M. B. H., Berlin, Germany. Filed Sept. 2, 1925.

Fluidosan

Particular description of goods.—Bath Essence, Bath Tablets, and Bath Powder.
Claims use since July, 1921.

Ser. No. 220,035. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE PILOT ELECTRIC MANUFACTURING COMPANY, INC., Brooklyn, N. Y. Filed Sept. 9, 1925.

B—CONOMIZER

Particular description of goods.—Resistance Elements—Namely, Potentiometers and Rheostats.
Claims use since July 22, 1925.

Ser. No. 220,096. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THOMAS & HORN, Fresno, Calif. Filed Sept. 10, 1925.

REDWOOD

Particular description of goods.—Fresh Peaches, Fresh Plums, Fresh Nectarines, and Fresh Grapes.
Claims use since July 17, 1924.

Ser. No. 220,140. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) ROBERT F. REEVE, Newark, N. J. Filed Sept. 11, 1925.

JIMMY BUTTON

Particular description of goods.—Patches for Pneumatic Tires and Tubes.
Claims use since Jan. 15, 1924.

Ser. No. 220,142. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE REMOVA LABORATORIES, INC., Syracuse, N. Y. Filed Sept. 11, 1925.

Lady Jane

Particular description of goods.—Cold Cream, Vanishing Cream, Face Powder, Talcum, Hair Tonic, Shampoo, Hand Lotion, Rouge, Toilet Water, Perfume, Bath Salts, and Lip Stick.
Claims use since Feb. 25, 1925.

Ser. No. 220,336. (CLASS 11. INKS AND INKING MATERIALS.) CROSS-FANNING MANUFACTURING COMPANY, Houston, Tex. Filed Sept. 17, 1925.

CROSS'

CROSS

Particular description of goods.—Writing Inks.
Claims use since Feb. 22, 1924.

Ser. No. 220,382. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE RUDOLPH WURLITZER CO., Cincinnati, Ohio. Filed Sept. 17, 1925.

STUDIO

Particular description of goods.—Pianos, Grand Pianos, and Player Pianos.
Claims use since Apr. 1, 1922.

Ser. No. 220,667. (CLASS 39. CLOTHING.) MURPHY-GORMAN COMPANY, Danbury, Conn. Filed Sept. 23, 1925.

Ridgewood Hat

Extra Quality

No claim is made to the words "Hat" and "Extra Quality" apart from the mark as shown.
Particular description of goods.—Men's Soft Felt Hats, Stiff Felt Hats, and Velour Hats.
Claims use since January, 1925.

Ser. No. 220,703. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) COLGATE & COMPANY, Jersey City, N. J. Filed Sept. 24, 1925.

Bon Voyage

Particular description of goods.—Package Containing Cold Cream, Compact, Face Powder, Dental Cream, Smelling Salts, Soap Flakes, Talcum Powder, Toilet Soap, Toilet Water, and Vanishing Cream.
Claims use since May 30, 1924.

Ser. No. 220,831. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AMERICAN STORES COMPANY, Philadelphia, Pa. Filed Sept. 26, 1925.

Particular description of goods.—Ammonia and Bluing.
Claims use since May 10, 1918.

Ser. No. 220,842. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE W. B. CONNOR CO. INC., New York, N. Y. Filed Sept. 26, 1925.

ACE

The trade-mark consists of the word "Ace."
Particular description of goods.—Steam Traps.
Claims use since October, 1923.

Ser. No. 220,846. (CLASS 11. INKS AND INKING MATERIALS.) JOSEPH J. GROETKEN, doing business as Peter Pan Copying Ink Company, Aurora, Ill. Filed Sept. 26, 1925.

"Peter Pan"



Particular description of goods.—Copying Ink for Reproducing Pictures or Designs From Newspapers or Other Publications.
Claims use since Nov. 1, 1924.

Ser. No. 220,918. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) PLOMB TOOL COMPANY, Los Angeles, Calif. Filed Sept. 28, 1925.

PLOMB

The word "Plomb" is disclaimed apart from the mark as shown on the drawing, without, however, relinquishing any common-law rights.

Particular description of goods.—Cold Chisels, Long Cold Chisels; Cape, Diamond, and Round-Nose Chisels; Floor Chisels; Plugging Chisels, Ripping Chisels, Soil-Pipe Chisels, Slitting Chisels, Tile Chisels, Tinners' Chisels, Tinners' Wire Chisels, Tinners' Hollow Chisels, Stonecutters' Chisels, Concrete Gads, Boiler-Makers' Beaders, Double-End Roof Scrapers, Tinners' Hand Reamers, Tinners' Hand Scrapers, Tinners' Hand Groovers, Tinners' Rivet Sets, Special Rivet Sets for Master Ring Gears and Frames, Ripping Bars, Solid Punches, Rivet Punches, Long Taper Drift Punches, Prick Punches, Center Punches, Garage or Pin Punches, Key Punches, Heavy Octagan Nail Sets, Cotter-Pin Pullers, Staple Pullers, Oil Groovers, Star Drills, Telephone Drills, Marble Drills, Plain Drills, Brace Drills, Brace Reamers, Offset Screw Drivers, T-Handle Screw Drivers, T Screw Drivers, Drift Pins, Screw-Driver Bits, Screw Drivers, Scratch Awls, Long Calkers, Pony Calkers, Right and Left Calkers, Ceiling Calkers, Elbow Calkers, Gasket Calkers, Gas-Fitters' Calkers, Offset Yarners, Spring Yarners, Lead Picking Tools, Bending Irons, Rivet Cutters, Brick Sets, Brick Jointers, Concave and Convex Jointers, Plaster Tools, Tile Markers, Tinners' Hammers, Prospectors' Picks, Concrete Picks, Brick Scutches, Brick Hammers, Bearing Scrapers, Carbon Scrapers, Open-End Wrenches, Special Tappet Wrenches, Special Wrenches, Linemen's Wrenches, Cap-Screw Wrenches, Double-End Pin-Handle Socket Wrenches, Double-End Socket Wrenches, Special Garage Wrenches, Speed Socket Wrenches, Special L Socket Wrenches, Box Wrenches, T Socket Wrenches, Sockets, Square Inside Corner Trowels, Square Outside Corner Trowels, Cement-Finishers' Square S Edgers, Round Inside Corner Trowels, Round Outside Corner Trowels, Jointers, Plastering Trowels, Pointing Trowels, Floor Scrapers.
Claims use since July 1, 1923.

Ser. No. 220,922. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SAXONY MILLS, St. Louis, Mo. Filed Sept. 28, 1925. Under ten-year proviso.



Particular description of goods.—Wheat Flour.
Claims use since May 1, 1880.

Ser. No. 221,038. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) C. E. WEHE, Oakland, Calif. Filed Sept. 30, 1925.

KANDO

Trade-mark consists of the word "Kando."
Particular description of goods.—Automobile and Furniture Polish.
Claims use since Mar. 1, 1925.

Ser. No. 221,243. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE ALBERT DICKINSON COMPANY, Chicago, Ill. Filed Oct. 5, 1925.

GREEN COVER

Particular description of goods.—Grass Seeds.
Claims use since May 15, 1924.

Ser. No. 221,367. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE M. A. HANNA COAL & DOCK COMPANY, St. Paul, Minn. Filed Oct. 7, 1925.

BRUNHILD

Particular description of goods.—Bituminous Coal.
Claims use since about Aug. 1, 1925.

Ser. No. 221,392. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) VEBY RADIO CO., Newark, N. J. Filed Oct. 7, 1925.

VEBY

Particular description of goods.—Radio Receiving Apparatus and Parts Thereof—Namely, Resistors, Resistance Couplers, Resistance-Coupled Amplifiers, Resistance-Coupled Amplifier Tubes, and Filament-Regulating Resistors.
Claims use since June 15, 1924.

Ser. No. 221,555. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) LIBERTY TRANSFORMER CO., INC., Chicago, Ill. Filed Oct. 10, 1925.

LIBERTY Sealed Five

No claim is made to the words "Sealed Five" apart from the mark shown in the drawing.
Particular description of goods.—Transformers.
Claims use since May, 1923.

Ser. No. 221,560. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE NOFLAT COMPANY, INC., New York, N. Y. Filed Oct. 10, 1925.



The words "Deflector Shield" are disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Deflector Shield for Automobile Headlights.
Claims use since Oct. 1, 1925.

Ser. No. 221,563. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) B. M. OVERTON MFG. CO., Louisville, Ky. Filed Oct. 10, 1925.

DAN-DE-LAX

Particular description of goods.—Medical Preparation for a Digestive Laxative.
Claims use since 1910.

Ser. No. 221,569. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARY SARNES, Detroit, Mich. Filed Oct. 10, 1925.



Particular description of goods.—Face Creams, Hand Lotions, Face Powder, and Toilet Water.
Claims use since Feb. 1, 1923.

Ser. No. 221,611. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HOWARD RADIO COMPANY, Chicago, Ill. Filed Oct. 12, 1925.

Howard

The word "Howard" being disclaimed herein except in form and relation shown in the drawing.
Particular description of goods.—Telephone Plugs, Rheostats, Potentiometers, Switches, and Inductance Switches.
Claims use since Nov. 1, 1923.

Ser. No. 221,652. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WRIGHT & HUGHSON, Dinuba, Calif. Filed Oct. 12, 1925.

ALTA

Particular description of goods.—Fresh Grapes.
Claims use since Aug. 1, 1923.

Ser. No. 221,680. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE AUTOPIANO COMPANY, New York, N. Y. Filed Oct. 14, 1925.

"STUDIO"

Particular description of goods.—Pianos and Player Pianos.
Claims use since January, 1915.

Ser. No. 221,707. (CLASS 27. HOROLOGICAL INSTRUMENTS.) HARRY G. KAUFMAN, doing business as Kaufman Manufacturing Co., New York, N. Y. Filed Oct. 14, 1925.

PLATRIM

Particular description of goods.—Watches, Watchcases, Watch Movements, and Parts Thereof.
Claims use since Aug. 15, 1925.

Ser. No. 221,765. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) NATIONAL SURFO BURNER CORPORATION, Buffalo, N. Y. Filed Oct. 15, 1925.

SURFO SYSTEM

No claim is made to the word "System" apart from the mark shown.
Particular description of goods.—Oil Burners.
Claims use since May 1, 1925.

Ser. No. 221,808. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) COMPREX OSCILLATOR CORP., New York, N. Y. Filed Oct. 16, 1925.

SPECLIGHT

Particular description of goods.—Electric Trouble Lamp Adapted to be Worn on the Head of the User.
Claims use since Sept. 15, 1925.

Ser. No. 221,813. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FORD RADIO & MICA CORPORATION, New York, N. Y. Filed Oct. 16, 1925.

FMC

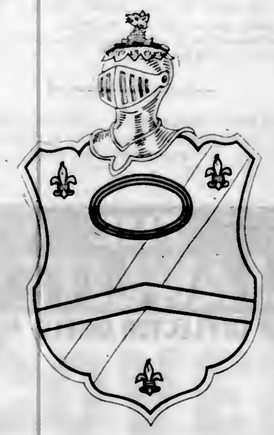
Particular description of goods.—Radiotransformers.
Claims use since July 1, 1919.

Ser. No. 221,863. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) C. R. WHITING CO., Newark, N. J. Filed Oct. 16, 1925.

"SEALON"

Particular description of goods.—Artificial Leather or Coated Cotton Fabric.
Claims use since Sept. 4, 1925.

Ser. No. 221,890. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) FORT WAYNE ENGINEERING & MANUFACTURING COMPANY, Fort Wayne, Ind. Filed Oct. 17, 1925.



Particular description of goods.—Pumping Equipment, Water Systems, and Soft-Water Generators.
Claims use since Sept. 23, 1925.

Ser. No. 221,898. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) CLAUDE HIGGINS, Delavan, Wis. Filed Oct. 17, 1925.

JACKIE. TROT.

Particular description of goods.—Toy Vehicles.
Claims use since July 7, 1925.

Ser. No. 221,937. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) TRAYWAY MFG. CO., San Francisco, Calif. Filed Oct. 17, 1925.

Trayway

Particular description of goods.—Clothes-Washing Machines and Combined Clothes-Washing Machines and Wringers.
Claims use since Aug. 12, 1924.

Ser. No. 221,962. (CLASS 39. CLOTHING.) THE HEROLD-BERTSCH SHOE COMPANY, Grand Rapids, Mich. Filed Oct. 19, 1925.

QUALITY SHOES HBC GRAND RAPIDS U.S.A.

Applicant disclaims exclusive right to the use of the words "Quality Shoes" and the words "Grand Rapids, U. S. A."
Particular description of goods.—Shoes.
Claims use since May 1, 1925.

Ser. No. 222,061. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE J. P. BURTON COAL COMPANY, Cleveland, Ohio. Filed Oct. 21, 1925.

BLACKBIRD

Particular description of goods.—Coal, Carbonized Fuel, and Coke.
Claims use since July 1, 1925.

Ser. No. 222,062. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE J. P. BURTON COAL COMPANY, Cleveland, Ohio. Filed Oct. 21, 1925.

CALORA

Particular description of goods.—Coal, Carbonized Fuel, and Coke.
Claims use since July 1, 1925.

Ser. No. 222,288. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) STERN & STERN, INC., New York, N. Y. Filed Oct. 24, 1925.

Romany Ring

No claim is made to the word "Ring" apart from the mark shown in the drawing.
Particular description of goods.—Finger Rings.
Claims use since Sept. 8, 1925.

Ser. No. 222,290. (CLASS 37. PAPER AND STATIONERY.) AUTOMATIC PAPER MACHINERY COMPANY, INC., Hilton, N. J. Filed Oct. 26, 1925.

HANDICUT

Particular description of goods.—Waxed Paper.
Claims use since Aug. 31, 1925.

Ser. No. 222,303. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) BOLOTIN & SHEININ, Chicago, Ill. Filed Oct. 26, 1925.

BLUE BONNET

Trade-mark consists in the words "Blue Bonnet."
Particular description of goods.—Gold and Platinum Finger Rings.
Claims use since about Oct. 1, 1924.

Ser. No. 222,336. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CORNELIUS T. MYERS, Rahway, N. J. Filed Oct. 26, 1925.

MYERS MAGAZINE

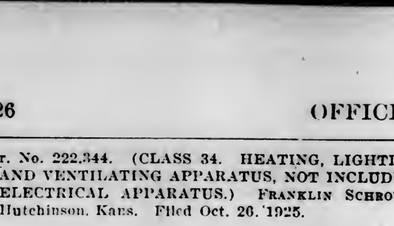
The words "Myers" and "Magazine" are disclaimed apart from the particular manner in which they are shown in the drawing.
Particular description of goods.—Magazine Lubricating Devices.
Claims use since on or about Sept. 1, 1925.

Ser. No. 222,344. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) FRANKLIN SCHROYER, Hutchinson, Kans. Filed Oct. 26, 1925.



The representation of the stove and the words are disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Fuel-Oil Burners and Stoves.
Claims use since Sept. 1, 1925.

Ser. No. 222,442. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE COLLINS COMPANY, Collinsville, Conn. Filed Oct. 28, 1925. Under ten-year proviso.



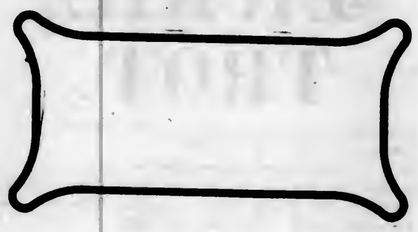
The colors black and green shown on the drawing are claimed as features of the mark.
Particular description of goods.—Plows and Plow Parts.
Claims use since 1861.

Ser. No. 222,472. (CLASS 39. CLOTHING.) THE H. W. MERRIAM SHOE COMPANY, Newton, N. J. Filed Oct. 28, 1925.



Particular description of goods.—Leather Shoes.
Claims use since June 15, 1925.

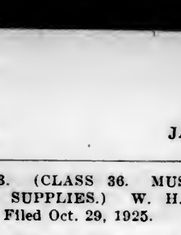
Ser. No. 222,493. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) W. H. BAGSHAW CO., Lowell, Mass. Filed Oct. 29, 1925.



Particular description of goods.—Styluses for Use with Phonographic Apparatus.
Claims use since Aug. 23, 1919.

Ser. No. 222,578. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PRION AND PRION, Mansfield, Ohio. Filed Oct. 30, 1925.

PRION'S



Harry Prion

The portrait shown is that of Harry Prion.
Particular description of goods.—Healing Salve.
Claims use since on or about Sept. 14, 1925.

Ser. No. 222,675. (CLASS 12. CONSTRUCTION MATERIALS.) GRUEBY FAIENCE AND TILE COMPANY, Boston, Mass., and Philadelphia, Pa. Filed Nov. 2, 1925.

HAUTEVILLE

Particular description of goods.—Floor Tiles, Wall Tiles, Decorative Construction Tiles, Tiles for Industrial Construction, Tile Door Frames, and Tile Known as Ceramics.
Claims use since 1913.

Ser. No. 222,707. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) JOSEPH L. SCHMITT, doing business as Ranetite Waterproofing Co., St. Louis, Mo. Filed Nov. 2, 1925.

RANETITE

Particular description of goods.—Paint Oil, Paint for Metals and Cement, and Transparent and Colored Waterproofing Paint.
Claims use since June 15, 1917.

Ser. No. 222,783. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CURLY-CUE LABORATORIES, Fort Worth, Tex. Filed Nov. 4, 1925.

CURLY-CUE

Particular description of goods.—Hair Tonic.
Claims use since July 15, 1925.

Ser. No. 222,785. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) DE GRAUW, ATMAR & COMPANY, New York, N. Y. Filed Nov. 4, 1925.

Star ★

Applicant disclaims the word "Star" except in the precise relation and association in which the same appears in the drawing. The mark consists in the combination of a five-pointed star and the word "Star."
Particular description of goods.—Flags and Banners.
Claims use since July, 1924.

Ser. No. 222,793. (CLASS 12. CONSTRUCTION MATERIALS.) THE C. PARDEE WORKS, Perth Amboy, N. J., and Philadelphia, Pa. Filed Nov. 4, 1925.



Applicant disclaims any attempt to cover in this registration the name "Pardee" except in the precise relation and association in which the same appears in the drawing.
Particular description of goods.—Floor Tiles, Wall Tiles, Decorative Construction Tiles, Tiles for Industrial Construction, Tile Door Frames, and Tile Known as Ceramics.
Claims use since June, 1924.

Ser. No. 222,799. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHIN QUONG, San Francisco, Calif. Filed Nov. 4, 1925.



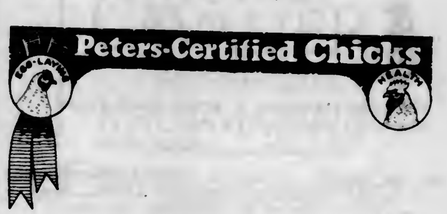
The two Chinese characters appearing on the drawing translated mean, respectively, "Wonderful, Get Well."
Particular description of goods.—Rheumatism Medicine.
Claims use since Aug. 24, 1924.

Ser. No. 222,813. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BAY CITY MILLING COMPANY, Bay City, Mich. Filed Nov. 5, 1925.



The lining of the drawing indicates the color blue.
Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since Apr. 1, 1925.

Ser. No. 222,871. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PETERS-CERTIFIED POULTRY, INC., Newton, Iowa. Filed Nov. 5, 1925.



The expression "Peters-Certified Chicks," "Health," and "Egg Laying" are disclaimed apart from the mark as shown on the drawing. No claim is made to the conventional color lines shown on drawing.
Particular description of goods.—Live Chickens.
Claims use since on or about Feb. 1, 1924.

Ser. No. 222,918. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANNIE RUSSELL DAUMI, doing business as Madame A. Russell, New York, N. Y. Filed Nov. 6, 1925.

RUSSELL'S TIME-SAVER

No claim is made to the surname "Russell's" apart from the mark shown in the drawing.

Particular description of goods.—Medicine for Indigestion, Constipation, Kidney and Stomach Ailments.

Claims use since February, 1910.

Ser. No. 222,963. (CLASS 15. OILS AND GREASES.) SPRAY ENGINEERING COMPANY, Boston, Mass. Filed Nov. 6, 1925.

DUSTIX

Particular description of goods.—Filter-Media Oils.

Claims use since July 30, 1925.

Ser. No. 223,057. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STERLING-SLATER FRUIT COMPANY, Wenatchee and Entiat, Wash. Filed Nov. 9, 1925.

GREAT-NORTHWEST

Particular description of goods.—Fresh Apples.

Claims use since Sept. 18, 1925.

Ser. No. 223,073. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN CHICLE COMPANY, Long Island City, N. Y. Filed Nov. 10, 1925.

IODIGUM

Particular description of goods.—Chewing Gum.

Claims use since Oct. 21, 1925.

Ser. No. 223,101. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGE W. NOONAN, doing business as Noonan Laboratory, San Bernardino, Calif. Filed Nov. 10, 1925.



Particular description of goods.—Dandruff Remedy.

Claims use since Oct. 1, 1925.

Ser. No. 223,122. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JAMES S. KIRK & COMPANY, Chicago, Ill. Filed Nov. 11, 1925.

EVERSAFE

Particular description of goods.—Radiator Glycerin.

Claims use since July 1, 1925.

Ser. No. 223,132. (CLASS 39. CLOTHING.) ALBERT MELLINKOFF, Los Angeles, Calif. Filed Nov. 11, 1925.



Applicant disclaims exclusive right to the use of the words "Mellinkoff's Rite-Fit Shoes for Arch Relief" except in the particular arrangement and association in which they appear with the rest of the mark.

Particular description of goods.—Men's, Women's, and Children's Shoes of Leather, Rubber, Fabric, and Combinations Thereof.

Claims use since July 8, 1925.

Ser. No. 223,147. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE WAGNER MANUFACTURING COMPANY, Sidney, Ohio. Filed Nov. 11, 1925. Under ten-year proviso.

WAGNER

Particular description of goods.—Pots, Kettles, Teakettles, Pans, Baking Pans, Saucepans, Frying Pans, Skillets, Roasters, Dutch Ovens, Steam Cookers, Waffle Irons, Griddles, and Percolators.

Claims use since 1891.

Ser. No. 223,189. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RIGO MANUFACTURING COMPANY, Nashville, Tenn. Filed Nov. 12, 1925.

KILL-KO

No claim is made to the word "Rigo's" apart from the mark shown.

Particular description of goods.—Chemical Preparation Used for the Destruction of Vermin and Insects.

Claims use since Jan. 1, 1924.

Ser. No. 223,190. (CLASS 15. OILS AND GREASES.) RIGO MANUFACTURING COMPANY, doing business as Rigo Chemical Co., Nashville, Tenn. Filed Nov. 12, 1925.

BUSTER BROWN

Particular description of goods.—Lubricating Oils.

Claims use since Jan. 1, 1924.

Ser. No. 223,221. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EARL FRUIT COMPANY, Spokane, Wash. Filed Nov. 13, 1925.

RED FLAG



The drawing is lined for red.

Particular description of goods.—Fresh Apples.

Claims use since September, 1925.

Ser. No. 223,262. (CLASS 12. CONSTRUCTION MATERIALS.) STREATOR BRICK COMPANY, Streator, Ill. Filed Nov. 13, 1925.

Shaletex

Particular description of goods.—Bricks.

Claims use since December, 1920.

Ser. No. 223,264. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE WESTINGHOUSE AIR BRAKE COMPANY, Wilmerding, Pa. Filed Nov. 13, 1925.

COBESTOS

Particular description of goods.—Machinery Packing Composed of Layers of Copper and Asbestos.

Claims use since Nov. 4, 1925.

Ser. No. 223,284. (CLASS 12. CONSTRUCTION MATERIALS.) THE CARBORUNDUM COMPANY, Niagara Falls, N. Y. Filed Nov. 14, 1925.

CARBOPLASTIC

Particular description of goods.—Refractory Cements.

Claims use since Oct. 17, 1925.

Ser. No. 223,304. (CLASS 39. CLOTHING.) KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa. Filed Nov. 14, 1925.



No claim is made for the words "Exclusively at Kaufmann's, Fifth Avenue, Pittsburgh" except in the particular arrangement and association in which they appear with the rest of the trade-mark as shown on drawing.

Particular description of goods.—Men's and Boys' Hats and Caps.

Claims use since about Oct. 15, 1924.

Ser. No. 223,317. (CLASS 27. HOROLOGICAL INSTRUMENTS.) NORMAN M. MORRIS, New York, N. Y. Filed Nov. 14, 1925.

NORMIS

Particular description of goods.—Watch and Clock Cases, Movements, Dials, and Parts Thereof.
Claims use since Jan. 1, 1924.

Ser. No. 223,328. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) PROGRESSIVE MUSICAL INSTRUMENT CORPORATION, New York, N. Y. Filed Nov. 14, 1925.

SUPREME

Particular description of goods.—Rosin.
Claims use since December, 1923.

Ser. No. 223,368. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CANDY PRODUCTS COMPANY, Portland, Oreg. Filed Nov. 16, 1925.

Pug's

Particular description of goods.—Candy.
Claims use since Apr. 22, 1922.

Ser. No. 223,381. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) MILTON FORCHHEIMER, doing business as The Dorfan Company, Newark, N. J. Filed Nov. 16, 1925.

LOCO-BUILDER

Particular description of goods.—Toy Locomotives, Parts of Toy Locomotives, and Sets of Toy-Locomotive Parts.
Claims use since September, 1925.

Ser. No. 223,410. (CLASS 38. PRINTS AND PUBLICATIONS.) WILLIAM C. QUINN, Everett, Mass. Filed Nov. 16, 1925.

"HO" AND "BO"
THEY'RE "ON THE CO"

Particular description of goods.—Cartoons in Newspaper Publications.
Claims use since Oct. 20, 1925.

Ser. No. 223,414. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WALTER BLAIR RODDENBERY, Cairo, Ga. Filed Nov. 16, 1925.

CANE CRUSH

Particular description of goods.—Food Sirup.
Claims use since Sept. 17, 1925.

Ser. No. 223,472. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) GIMBEL BROTHERS, INC., New York, N. Y. Filed Nov. 18, 1925.

ZR

Particular description of goods.—Radio Receiving Sets.
Claims use since Sept. 4, 1925.

Ser. No. 223,474. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) GIMBEL BROTHERS, INC., New York, N. Y. Filed Nov. 18, 1925.

MAGNET

Particular description of goods.—Radio Receiving Sets.
Claims use since Sept. 4, 1925.

Ser. No. 223,486. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) WALTER R. POETSCH, Chicago, Ill. Filed Nov. 18, 1925.

AIR-O-VENT

Particular description of goods.—Ventilators.
Claims use since Oct. 8, 1925.

Ser. No. 223,603. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) PRIMO SPARK PLUG COMPANY, Butte, Mont. Filed Nov. 20, 1925.

PRIMO

Particular description of goods.—Spark Plugs.
Claims use since March, 1920.

Ser. No. 223,638. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GOLDEN GATE MACARONI & PASTE FACTORY, San Francisco, Calif. Filed Nov. 21, 1925.

GOLDEN GATE

Particular description of goods.—Alimentary Paste Products—Namely, Noodles, Spaghetti, Macaroni, and Raviolas.
Claims use since August, 1909.

Ser. No. 223,660. (CLASS 38. PRINTS AND PUBLICATIONS.) EVELYN ROSE, doing business as Taxi Meter Publishing Co., Brooklyn, N. Y. Filed Nov. 21, 1925.

THE TAXI METER

Particular description of goods.—Weekly Periodical.
Claims use since about Aug. 24, 1925.

Ser. No. 223,686. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) CHRYSLER SALES CORPORATION, Detroit, Mich. Filed Nov. 23, 1925.

C

Particular description of goods.—Vehicle Hub Caps.
Claims use since July 1, 1925.

Ser. No. 223,688. (CLASS 38. PRINTS AND PUBLICATIONS.) CONCRETE PUBLISHING COMPANY, Chicago, Ill. Filed Nov. 23, 1925.

Concrete

Particular description of goods.—Magazines.
Claims use since March, 1904.

Ser. No. 223,697. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ELCO DISTRIBUTING CO., Chicago, Ill. Filed Nov. 23, 1925.

RED ROOSTER



Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since Sept. 25, 1925.

Ser. No. 223,698. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ELECTRICAL RESEARCH LABORATORIES, INC., Chicago, Ill. Filed Nov. 23, 1925.

EQUISPACE

Particular description of goods.—Radiocondensers, Radio Receiving Sets, Aerial Equipment, Loud Speakers and Units, Tuning Units, Plugs, Jacks, Dials, and Sockets.
Claims use since July 15, 1925.

Ser. No. 223,743. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) JNO. KENNETH PORTER, doing business as U-Auto Camp Co., Scranton, Pa. Filed Nov. 23, 1925.

U-AUTO CAMP CO.

Particular description of goods.—Umbrella Tents, Wall Tents, Lean-tos, Camp Stakes, Tent Poles, and Guy Ropes.
Claims use since Apr. 3, 1925.

Ser. No. 223,753. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) UNION SAND & GRAVEL CO., Huntington, W. Va. Filed Nov. 23, 1925.



Particular description of goods.—Sand and Gravel.
Claims use since Apr. 15, 1925.

Ser. No. 223,784. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HERSHEY CHOCOLATE COMPANY, Hershey, Pa. Filed Nov. 24, 1925.

MR. GOODBAR

Particular description of goods.—Chocolate Bar.
Claims use since about Nov. 20, 1925.

Ser. No. 223,800. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) JOHN F. O'KEEFE, doing business as Lowe Ranch, Cupertino, Calif. Filed Nov. 24, 1925.

Topepo

Particular description of goods.—Seeds.
Claims use since Nov. 16, 1925.

Ser. No. 223,810. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) D. L. STERLING & SONS, INC., doing business as Criandera Condensed Milk Company, New York, N. Y., and Habana, Cuba. Filed Nov. 24, 1925.

CRIANDERA

Particular description of goods.—Sweetened Condensed Milk.
Claims use since Jan. 7, 1925.

Ser. No. 223,849. (CLASS 38. PRINTS AND PUBLICATIONS.) KEYSTONE GROCERY & TEA CO., Pittsburgh, Pa. Filed Nov. 25, 1925.

Keystone Store-ies

Particular description of goods.—House Organ Issued Monthly.
Claims use since May 1, 1925.

Ser. No. 223,851. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) LIPPMANN, SPIER & HAHN, New York, N. Y. Filed Nov. 25, 1925.



Particular description of goods.—Jewelry for Personal Wear, Not Including Watches, and Purses Made of Precious Metal.
Claims use since January, 1925.

Ser. No. 223,890. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) BENJAMIN MOORE & CO., Jersey City, N. J., and Brooklyn, N. Y. Filed Nov. 27, 1925.

THERMICAL

Particular description of goods.—Liquid Paints and Paint Enamels.
Claims use since January, 1925.

Ser. No. 224,097. (CLASS 37. PAPER AND STATIONERY.) JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J. Filed Dec. 2, 1925.

THIN-EX

Particular description of goods.—Pencils.
Claims use since Nov. 9, 1925.

Ser. No. 224,149. (CLASS 38. PRINTS AND PUBLICATIONS.) PLUMBERS TRADE JOURNAL PUBLISHING CO., New York, N. Y. Filed Dec. 1, 1925.

The Plumbing & Heating Supply Salesman

Trade-Mark "The Plumbing and Heating Supply Salesman."
Particular description of goods.—Monthly Magazine.
Claims use since Nov. 1, 1925.

Ser. No. 224,250. (CLASS 39. CLOTHING.) EDWARD B. KOCH, doing business as The Corset Shop, New Haven, Conn. Filed Dec. 4, 1925.

Madame Nadine

Particular description of goods.—Corsets, Girdles, and Brassières.
Claims use since Nov. 3, 1925.

Ser. No. 224,256. (CLASS 38. PRINTS AND PUBLICATIONS.) GEORGE M. MACDONOUGH, Jacksonville, Fla. Filed Dec. 4, 1925.

BETTER ABODES

Particular description of goods.—Annual Magazine.
Claims use since October, 1925.

Ser. No. 224,284. (CLASS 39. CLOTHING.) KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa. Filed Dec. 5, 1925.

Adoria

Particular description of goods.—Silk, Wool, Cotton, and Leather Gloves.
Claims use since about Sept. 25, 1925.

Ser. No. 224,342. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MCGOVERN & MCGOVERN, Seattle, Wash. Filed Dec. 7, 1925.

SEA LAD

Particular description of goods.—Canned Salmon.
Claims use since Sept. 1, 1925.

Ser. No. 224,369. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN H. WILKINS CO., Washington, D. C. Filed Dec. 7, 1925.



Particular description of goods.—Coffee.
Claims use since June 3, 1925.

Ser. No. 224,415. (CLASS 38. PRINTS AND PUBLICATIONS.) MODERN PUBLICATIONS, INC., Camden, N. J. Filed Dec. 8, 1925.

The RADIO WEEKLY POST

Particular description of goods.—Weekly Magazine.
Claims use since Nov. 28, 1925.

Ser. No. 224,429. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SEUFERT BROTHERS COMPANY, The Dalles, Oreg. Filed Dec. 8, 1925.

MERRIMAC



Particular description of goods.—Canned Salmon and Canned Fruits and Canned Vegetables.
Claims use since Mar. 1, 1896.

Ser. No. 224,433. (CLASS 39. CLOTHING.) THE SPORTOCASIN CO., Yarmouth, Me. Filed Dec. 8, 1925.



Particular description of goods.—Shoes Made of Leather and of Leather and Rubber Combined.
Claims use since Oct. 1, 1925.

Ser. No. 224,572. (CLASS 38. PRINTS AND PUBLICATIONS.) ROLAND PHILLIPS, New York, N. Y., doing business as Coral Gables Publishing Company, Coral Gables, Fla. Filed Dec. 11, 1925.

TROPICAL AMERICA

Trade-mark consists of the words "Tropical America."
Particular description of goods.—Periodical.
Claims use since Dec. 9, 1925.

Ser. No. 224,609. (CLASS 38. PRINTS AND PUBLICATIONS.) LA GUARDIA PUBLISHING CO. INC., New York, N. Y. Filed Dec. 12, 1925.

L'Americolo

Particular description of goods.—Periodical Published Weekly—Namely, A Weekly Magazine Published Principally in the Italian Language and Sold to Subscribers in Interstate Commerce.
Claims use since Nov. 15, 1925.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

JANUARY 19, 1926.

208,012. DRIED, PASTE, AND READY-MIXED PAINTS; VARNISHES, PAINT ENAMELS; CELLULOID COATING SOLUTION—NAMELY, LACQUER; SURFACE-PRESERVING SOLUTION FOR AUTOMOBILES—NAMELY, LACQUER; LUSTRE COMPOUND—NAMELY, HIGH-GLOSS LACQUER, THINNING SOLUTION. HAROLD B. WALTERS, doing business as Vitex Lacquer Co., Los Angeles, Calif.
Filed July 27, 1925. Serial No. 217,971. PUBLISHED OCTOBER 27, 1925.

208,013. MAYONNAISE AND SALAD DRESSING. MAY PRO COMPANY, INC., Brooklyn, N. Y.
Filed July 22, 1925. Serial No. 217,723. PUBLISHED OCTOBER 27, 1925.

208,014. DRY GOODS—NAMELY, SHEETINGS AND DRILLINGS. MANVILLE JENCKES COMPANY, Pawtucket, R. I.
Filed July 22, 1925. Serial No. 217,721. PUBLISHED NOVEMBER 3, 1925.

208,015. DRY GOODS—NAMELY, SHEETINGS AND DRILLINGS. MANVILLE JENCKES COMPANY, Pawtucket, R. I.
Filed July 22, 1925. Serial No. 217,720. PUBLISHED NOVEMBER 3, 1925.

208,016. CHOCOLATE, COCOA, BISCUITS, CARAMELS, AND SWEET MEATS. FABBRICHE DI CIOCCOLATO E CACAO MICHELE TALMONE, SOCIETÀ ANONIMA, Turin, Italy.
Filed July 20, 1925. Serial No. 217,606. PUBLISHED OCTOBER 27, 1925.

208,017. COFFEE, TEA, COCOA, CHOCOLATE; FOOD-FLAVORING EXTRACTS—NAMELY, LEMON AND VANILLA; SPICES; PEANUT BUTTER, SALAD DRESSING, AND JELLY DESSERT. WEYER-EIBERT CO., Minneapolis, Minn.
Filed July 1, 1925. Serial No. 216,754. PUBLISHED OCTOBER 27, 1925.

208,018. AUTO ENAMELS. KWICKGLO ENAMEL CO., Los Angeles, Calif.
Filed July 1, 1925. Serial No. 216,736. PUBLISHED OCTOBER 27, 1925.

208,019. DRY AND READY-MIXED PAINTS, PAINT AND VARNISH DRIERS, PAINT ENAMELS, WOOD STAINS, VARNISH STAINS, WALL PAINT, PREPARED LACS, FILLERS FOR PAINTERS' USE, VARNISHES, AUTOMOBILE ENAMELS, BAKING ENAMELS, AND ENGINE ENAMELS. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio.
Filed July 28, 1925. Serial No. 218,018. PUBLISHED OCTOBER 27, 1925.

208,020. CONDIMENTAL SAUCES AND SALAD DRESSINGS. PRICE FLAVORING EXTRACT COMPANY, Chicago, Ill.
Filed July 29, 1925. Serial No. 218,080. PUBLISHED OCTOBER 27, 1925.

208,021. DISINFECTANTS AND DEODORIZERS. JOSEPH CHRISTOPHER SHEPARD, Wilmington, N. C.
Filed July 31, 1925. Serial No. 218,212. PUBLISHED OCTOBER 6, 1925.

208,022. CASES FOR MUSICAL INSTRUMENTS. THE PAN-AMERICAN BAND INSTRUMENT & CASE CO., Elkhart, Ind.
Filed August 3, 1925. Serial No. 218,322. PUBLISHED NOVEMBER 3, 1925.

208,023. MALT SIRUP FOR FOOD PURPOSES. THE GROCERS SUPPLY CO., Salt Lake City, Utah.
Filed August 6, 1925. Serial No. 218,482. PUBLISHED OCTOBER 27, 1925.

208,024. MEDICINAL TABLETS FOR TREATING DISEASES OF POULTRY. SHORES-MUELLER COMPANY, Cedar Rapids, Iowa.
Filed August 6, 1925. Serial No. 218,503. PUBLISHED OCTOBER 6, 1925.

208,025. CHEMICAL CRYSTAL IN POWDER FORM USED FOR SOFTENING WATER AND CLEANING PURPOSES. EBER L. SMITH, doing business as Water Sprites Products Co., Barberton, Ohio.
Filed August 6, 1925. Serial No. 218,504. PUBLISHED OCTOBER 6, 1925.

208,026. PERFUMES, TOILET WATERS, BATH SALTS, AND FACE, HAIR, AND HAND LOTIONS. LEIGH CHEMIST, INC., New York, N. Y.
Filed August 7, 1925. Serial No. 218,517. PUBLISHED OCTOBER 6, 1925.

208,027. SILK AND COTTON MIXTURE FABRIC LININGS. MAGID BROS. SILK CO., New York, N. Y.
Filed August 11, 1925. Serial No. 218,708. PUBLISHED NOVEMBER 3, 1925.

208,028. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, FACE CREAMS, BRILLIANTINE, LOTION FOR THE SKIN AND HAIR, ROUGES, SACHET, AND BATH SALTS. JULIE WORMSER, Paris, France.
Filed August 11, 1925. Serial No. 218,725. PUBLISHED OCTOBER 6, 1925.

208,029. PREPARATION IN TABLET FORM FOR REGULATING THE BILIARY AND INTESTINAL SECRETIONS. SOCIETE ANONYME OMNIUM DE SPECIALITES & PRODUCTS CHIMIQUES, Paris, France.
Filed August 12, 1925. Serial No. 218,779. PUBLISHED OCTOBER 6, 1925.

208,030. PREPARATION IN TABLET FORM FOR REGULATING THE BILIARY AND INTESTINAL SECRETIONS. SOCIETE ANONYME OMNIUM DE SPECIALITES & PRODUITS CHIMIQUES, Paris, France.
Filed August 12, 1925. Serial No. 218,780. PUBLISHED OCTOBER 6, 1925.

208,031. LINIMENT USED FOR THE TREATMENT AND RELIEF OF STIFF JOINTS, LUMBAGO, SCIATICA, STIFF NECK, SPRAINS, CRAMPS, NEURALGIA, AND LIKE AILMENTS; HAND LOTION FOR THE TREATMENT OF ROUGH AND IRRITATED SKIN, CHAPPED HANDS, AND FACE; LIQUID HAIR SHAMPOO; COUGH SEDATIVE FOR THE TREATMENT OF HOARSENESS, COLDS, BRONCHIAL COUGHS, SORE THROATS, AND OTHER LIKE AILMENTS. JOSEPH TRINER COMPANY, Chicago, Ill.
Filed August 12, 1925. Serial No. 218,781. PUBLISHED OCTOBER 6, 1925.

208,032. AUDIO AND RADIO FREQUENCY TRANSFORMERS, LOUD SPEAKERS, CONDENSERS, AND REACTANCE COILS. MAGIC RADIO CO. (NOT INC.), Chicago, Ill.
Filed August 13, 1925. Serial No. 218,820. PUBLISHED SEPTEMBER 22, 1925.

208,033. DRY RAISINS. HARRY ARAKELIAN & SON, Turlock, Calif.
Filed August 20, 1925. Serial No. 219,105. PUBLISHED NOVEMBER 3, 1925.

208,034. REDUCING REMEDY. EDWARD H. FOW, Philadelphia, Pa.
Filed August 13, 1925. Serial No. 218,809. PUBLISHED OCTOBER 6, 1925.

208,035. COFFEE. J. ARON & COMPANY, INC., New York, N. Y.
Filed August 29, 1925. Serial No. 219,515. PUBLISHED NOVEMBER 3, 1925.

208,036. COFFEE. J. ARON & COMPANY, INC., New York, N. Y.
Filed August 29, 1925. Serial No. 219,516. PUBLISHED NOVEMBER 3, 1925.

208,037. FILTERS. PELCO AUTO PRODUCTS, INC., New York, N. Y.
Filed August 27, 1925. Serial No. 219,450. PUBLISHED OCTOBER 27, 1925.

208,038. WATERPROOF JOINT GLUE. L. W. FERDINAND & Co., Boston, Mass.
Filed August 25, 1925. Serial No. 219,327. PUBLISHED NOVEMBER 3, 1925.

208,039. SILKS IN THE PIECE. L. BAMBERGER & COMPANY, Newark, N. J.
Filed August 29, 1925. Serial No. 219,521. PUBLISHED NOVEMBER 3, 1925.

208,040. CHOCOLATE. NAAMLOOZE VENNOOTSCHAP HOLLANDSCHE CACAO-EN CHOCOLADEFABRIEKEN VOORHEEN BENSDORP & Co., Amsterdam, Netherlands.
Filed August 24, 1925. Serial No. 219,297. PUBLISHED OCTOBER 27, 1925.

208,041. SALT. HENRY SOODSMA & COMPANY, Paterson, N. J.
Filed August 14, 1925. Serial No. 218,877. PUBLISHED OCTOBER 6, 1925.

208,042. VAGINAL DOUCHE. A. E. FUOSS, Minneapolis Minn.
Filed August 14, 1925. Serial No. 218,849. PUBLISHED OCTOBER 6, 1925.

208,043. STEARIC ACID. E. A. BROMUND Co., New York, N. Y.
Filed August 13, 1925. Serial No. 218,784. PUBLISHED OCTOBER 6, 1925.

208,044. COFFEE. J. ARON & COMPANY, INC., New York, N. Y.
Filed August 29, 1925. Serial No. 219,519. PUBLISHED NOVEMBER 3, 1925.

208,045. PREPARATIONS FOR REMOVING TARTAR, FILM, AND DISCOLORATIONS FROM THE TEETH. WALTER H. WADDELL and BERTHA WADDELL, doing business as Tartaroff Co., Chicago, Ill.
Filed May 22, 1923. Serial No. 180,993. PUBLISHED AUGUST 21, 1923.

208,046. CANNED FRUITS AND VEGETABLES—NAMELY, CANNED TOMATOES AND CANNED PEACHES. THE FOOD PRODUCTS Co., Baltimore, Md.
Filed September 11, 1925. Serial No. 220,110. PUBLISHED NOVEMBER 3, 1925.

208,047. CANNED PEARS, CANNED CORN, AND CANNED TOMATOES. MCMAHAN & LEIB COMPANY, Anderson, Ind.
Filed September 14, 1925. Serial No. 220,245. PUBLISHED NOVEMBER 3, 1925.

208,048. FRESH CELERY. TROUTDALE CELERY GROWERS UNION, Troutdale, Oreg.
Filed September 14, 1925. Serial No. 220,264. PUBLISHED NOVEMBER 3, 1925.

208,049. CANDY CONFECTIONS. SAUL PESSIN, doing business as The Pessin Pretzo Company, Cleveland, Ohio.
Filed September 15, 1925. Serial No. 220,294. PUBLISHED NOVEMBER 3, 1925.

208,050. CANDIES. MASON, AU & MAGENHEIMER CONFECTIONERY MANUFACTURING COMPANY, Brooklyn, N. Y.
Filed September. 16, 1925. Serial No. 220,814. PUBLISHED NOVEMBER 3, 1925.

208,051. CANDY IN THE FORM OF BARS. GEORGE HANKELS, Philadelphia, Pa.
Filed September 17, 1925. Serial No. 220,342. PUBLISHED NOVEMBER 3, 1925.

208,052. CANNED FRUIT, CANNED VEGETABLES, CANNED FISH, AND DRIED FRUIT. E. L. DAWSON & COMPANY, San Francisco, Calif.
Filed September 21, 1925. Serial No. 220,503. PUBLISHED NOVEMBER 3, 1925.

208,053. DRESS TRIMMINGS IN THE PIECE. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed March 17, 1924. Serial No. 193,913. PUBLISHED AUGUST 26, 1924.

208,054. PERFUMES, TOILET WATERS, FACE LOTIONS, FACE CREAMS, FACE POWDERS, ROUGES, AND LIP STICK. PARFUMERIE INTERNATIONALE CORDAY, Paris, France.
Filed August 16, 1924. Serial No. 201,508. PUBLISHED OCTOBER 6, 1925.

208,055. PREPARATION TO BE USED IN THE TREATMENT OF CROUP, COLDS, CATARRH, BRONCHITIS, SORE THROAT, COUGHS, WHOOPING COUGH, TONSILLITIS, ASTHMA, INCIPIENT PNEUMONIA, BITES, BOILS, BRUISES, BURNS, CHILBLAINS, CORNS, ECZEMA, ITCHING PILES, POISON IVY, MUSCULAR RHEUMATISM, SALT RHEUM, SCALDS, SPRAINS, STINGS, SUNBURN, ETC. THE BACORN COMPANY, Elmira, N. Y.
Filed May 17, 1924. Serial No. 197,182. PUBLISHED OCTOBER 7, 1924.

208,056. HAIRDRESSING. PHOENIX LABORATORIES, St. Louis, Mo.
Filed May 29, 1924. Serial No. 197,831. PUBLISHED OCTOBER 7, 1924.

208,057. BUTTONS AND BUCKLES MADE OF CONDENSATION PRODUCTS OF PHENOLS AND FORMALDEHYDE FOR PERSONAL WEAR. BAKELITE CORPORATION, New York, N. Y.
Filed July 3, 1925. Serial No. 216,818. PUBLISHED OCTOBER 20, 1925.

208,058. CHEMICAL PREPARATION SUITABLE FOR IMPROVING THE YIELD, TASTE, AND KEEPING QUALITIES OF BREAD, CAKE, AND THE LIKE. INNIS, SPEIDEN & Co., INC., New York, N. Y.
Filed July 3, 1925. Serial No. 216,836. PUBLISHED OCTOBER 6, 1925.

208,059. SHOULDER STRAPS FOR LINGERIE AND FASTENERS THEREFOR. MARY COUNTESS OF LIMBURG STIRUM, Geneva, Switzerland.
Filed July 1, 1925. Serial No. 216,738. PUBLISHED OCTOBER 20, 1925.

208,060. SUGAR-COATED PEANUTS, SUGAR-COATED ALMONDS, CHOCOLATE-COATED DATES, AND CHOCOLATE-COATED DATE BARS. CAPITOL CANDIED NUTS, INC., New York, N. Y.
Filed June 26, 1925. Serial No. 216,454. PUBLISHED OCTOBER 13, 1925.

208,061. ROUGE. COTY, INC., Wilmington, Del., and New York, N. Y.
Filed June 19, 1925. Serial No. 216,021. PUBLISHED OCTOBER 6, 1925.

208,062. ROUGE. COTY, INC., Wilmington, Del., and New York, N. Y.
Filed June 19, 1925. Serial No. 216,020. PUBLISHED OCTOBER 6, 1925.

208,063. DRAWING INSTRUMENTS. F. WEBER Co., Philadelphia, Pa.
Filed June 17, 1925. Serial No. 215,954. PUBLISHED SEPTEMBER 22, 1925.

208,064. DENTAL CREAM. PURITY COSMETIC Co., Bemidji, Minn.
Filed June 4, 1925. Serial No. 215,298. PUBLISHED OCTOBER 6, 1925.

208,065. ANTISEPTIC-MEDICINAL PREPARATION FOR WOUNDS, SORES, SPRAINS, STRAINS, ERYSIPELAS, ETC. GULF STATE MEDICINE COMPANY, Pascagoula, Miss.
Filed May 28, 1925. Serial No. 215,007. PUBLISHED OCTOBER 6, 1925.

208,066. GENERAL MEDICINAL TONIC. WINTONE SALES COMPANY, New York, N. Y.
Filed May 14, 1925. Serial No. 214,845. PUBLISHED OCTOBER 20, 1925.

208,067. FACE POWDER, TOILET POWDER, TALCUM POWDER, AND PERFUME. HENRY TETLOW COMPANY, Philadelphia, Pa.
Filed March 5, 1925. Serial No. 210,588. PUBLISHED APRIL 21, 1925.

208,068. FEED-WATER TREATMENT FOR CONDITIONING BOILER WATER, DISSOLVING AND REMOVING BOILER SCALE, SUSPENDED MATTER, AND OIL, WHILE BOILER IS IN OPERATION, AND FOR SOFTENING, PURIFYING, COAGULATING, AND CLARIFYING BOILER WATER. REITER Co., Elgin, Ill.
Filed March 16, 1925. Serial No. 211,125. PUBLISHED MAY 5, 1925.

208,069. FACE PACK IN THE FORM OF POWDER, FACE POWDER, FACE TONIC IN THE FORM OF LIQUID, AND EYE PACK IN THE FORM OF POWDER. LEONA H. THURBER, Los Angeles, Calif.
Filed April 23, 1925. Serial No. 213,206. PUBLISHED OCTOBER 20, 1925.

208,070. FRUIT PRESERVES, TOMATO CATCHUP, SALAD DRESSING, CHILI SAUCE, MAYONNAISE, VINEGAR; SANDWICH SPREAD FORMED OF SUGAR, EGGS, SPICES, CORN OIL, VINEGAR, PICKLES, AND HAM OR ROAST BEEF; FRUIT JELLIES, FRUIT JAM, MUSTARD, PEANUT BUTTER, AND PREPARED HORSERADISH. WOOD BLAKEMAN, doing business as The Hoosier Preserving Co., Indianapolis, Ind.
Filed June 29, 1925. Serial No. 216,581. PUBLISHED OCTOBER 27, 1925.

208,071. MALT EXTRACT FOR FOOD PURPOSES. G. H. WETTERAU & SONS GROCER Co., St. Louis, Mo.
Filed June 12, 1925. Serial No. 215,723. PUBLISHED OCTOBER 27, 1925.

208,072. TRAVELING CASES. KASE-QUINBY RUBBER Co., INC., New York, N. Y.
Filed June 5, 1925. Serial No. 215,372. PUBLISHED NOVEMBER 10, 1925.

208,073. CANNED VEGETABLES — NAMELY, CANNED CORN. IOWA CANNING Co., Vinton, Iowa.
Filed April 30, 1925. Serial No. 213,576. PUBLISHED NOVEMBER 3, 1925.

208,074. BREAD. DANIEL P. WOOLLEY, New York, N. Y.
Filed April 10, 1925. Serial No. 212,517. PUBLISHED OCTOBER 27, 1925.

208,075. NATURAL AND ARTIFICIAL SILKS AND COTTONS FOR DRAPERY CLOTH. KENT-STRAUS COMPANY, Paterson, N. J.
Filed August 28, 1924. Serial No. 201,963. PUBLISHED NOVEMBER 3, 1925.

208,076. READY-MADE PAINTS, OILS USED IN THE MANUFACTURE OF PAINTS, STAINS, AND VARNISHES. HENRY PETERMAN, Brooklyn, N. Y.
Filed September 27, 1924. Serial No. 203,142. PUBLISHED OCTOBER 27, 1925.

208,077. SOLUTION FOR INTRAVENOUS THERAPY OF ACUTE INFLAMMATORY PROCESSES. ERNST SILTEN, Berlin, Germany.
Filed October 4, 1924. Serial No. 203,443. PUBLISHED OCTOBER 6, 1925.

208,078. SOLUTION FOR INTRAVENOUS THERAPY OF ACUTE INFLAMMATORY PROCESSES. ERNST SILTEN, Berlin, Germany.
Filed October 4, 1924. Serial No. 203,444. PUBLISHED OCTOBER 6, 1925.

208,079. SILK PIECE GOODS. STEHLI SILKS CORPORATION, New York, N. Y.
Filed November 15, 1924. Serial No. 205,373. PUBLISHED NOVEMBER 3, 1925.

208,080. TOILET PREPARATIONS—NAMELY, COMBINATION HAIRDRESSING AND TONIC. ANTHONY CENTO, doing business as A. Cento Co., St. Louis, Mo.
Filed December 4, 1924. Serial No. 206,214. PUBLISHED MARCH 3, 1925.

208,081. VETERINARY PREPARATIONS FOR THE TREATMENT OF BLISTERS, BURNS, COLIC, COUGHS, COLDS, DISTEMPER, FISTULAS, GALL DISORDERS, KIDNEY TROUBLES, STOMACH AND BOWEL DISORDERS, DIPS, EYEWASH, HEALING OIL, LINIMENT, STOCK TONIC, AND INSECT POWDERS; PREPARATIONS FOR HUMAN BEINGS—NAMELY, GENERAL TONICS, LIVER PILLS, ASPIRIN, COUGH SIRUP, HEALING SALVES, TOOTHACHE DROPS, EYE WASH, HEALING OIL, GALL MEDICINE, AND LINIMENTS. DERIAS M. HUGHES, doing business as Dr. D. M. Hughes Medicine Company, Bonanza, Ky.
Filed March 17, 1925. Serial No. 211,169. PUBLISHED OCTOBER 20, 1925.

208,082. COOKED AND UNCOOKED WHITE CORN FLAKES. THE PATENT CEREALS COMPANY, Geneva, N. Y.
Filed April 7, 1925. Serial No. 212,846. PUBLISHED OCTOBER 27, 1925.

208,083. TONIC FOR TREATMENT OF IMPOTENCY, ESPECIALLY OF A NEURASTHENIC ORIGIN. LEHN & FINK, INC., New York, N. Y.
Filed June 2, 1925. Serial No. 197,947. PUBLISHED AUGUST 26, 1924.

208,084. TOILET CREAMS. MIMI MANUFACTURING COMPANY, New York, N. Y.
Filed June 17, 1924. Serial No. 198,719. PUBLISHED DECEMBER 2, 1924.

208,085. TABLETS FOR THE TREATMENT OF BOILS AND OTHER FORMS OF SKIN AFFECTIONS. THE E. L. PATCH COMPANY, Stoneham, Mass.
Filed August 12, 1924. Serial No. 201,301. PUBLISHED JANUARY 20, 1925.

208,086. CHEMICAL PREPARATION SUITABLE FOR THE CURLING AND WAVING OF HAIR. FILMOFF COMPANY OF AMERICA, INC., New York, N. Y.
Filed August 27, 1924. Serial No. 201,927. PUBLISHED OCTOBER 27, 1924.

208,087. HAIR TONIC, TAR AND GLYCERINE SOAP SHAMPOO, COMPLEXION POWDER, SACHET POWDER, TOOTH PASTE, COLD CREAM, VANISHING CREAM, TOILET LOTION FOR CHAP, TAN, SUNBURN, AND ROUGH SKIN; AFTER-SHAVING LOTION, PERFUMERY EXTRACTS AND ESSENCES, AND TOILET WATERS. A. J. HILBERT & Co. INC., Milwaukee, Wis.
Filed June 2, 1924. Serial No. 197,984. PUBLISHED OCTOBER 7, 1924.

208,088. BRONZE POWDERS, BRONZE LIQUIDS, KRAFT GESSO (PUTTY), INDELIBLE MIXTURES (VEHICLES FOR OIL COLORS TO BE USED ON CLOTH), LINSEED OIL, OIL COLORS, PAINTS (DRY, PASTE, AND READY MIXED), PAINT ENAMELS, TURPENTINE-PREPARED SHELLAC, ALCOHOL STAINS, OIL STAINS, AND WATER STAINS (ADAPTED TO BE APPLIED AS PAINTS), AND LIQUIDS AND POWDERS TO PRODUCE SUCH STAINS AND WATER COLORS. WERNER E. BRAMIGK, doing business as Kraftstudio, Detroit, Mich.
Filed May 28, 1924. Serial No. 197,701. PUBLISHED OCTOBER 27, 1925.

208,089. ANTISEPTIC DRESSING. MOORE BROTHERS, doing business as Moore Bros., St. Thomas, Ontario, Canada.
Filed July 13, 1922. Serial No. 166,838. PUBLISHED SEPTEMBER 16, 1924.

208,090. BREAKFAST DRINK USED AS A SUBSTITUTE FOR COFFEE. AMERICAN STORES COMPANY, Philadelphia, Pa.
Filed September 26, 1925. Serial No. 220,826. PUBLISHED NOVEMBER 3, 1925.

208,091. FRESH APPLES. NORTHWEST FRUIT DISTRIBUTORS, Seattle, Wash.
Filed September 21, 1925. Serial No. 220,567. PUBLISHED NOVEMBER 3, 1925.

208,092. CANNED FRUITS AND CANNED VEGETABLES. ISLETON CANNING CO., San Francisco and Isleton, Calif.
Filed September 23, 1925. Serial No. 220,659. PUBLISHED NOVEMBER 3, 1925.

208,093. CANNED FRUITS AND CANNED VEGETABLES. ISLETON CANNING CO., San Francisco and Isleton, Calif.
Filed September 23, 1925. Serial No. 220,660. PUBLISHED NOVEMBER 3, 1925.

208,094. CANDY. QUAKER CITY CHOC. & CONF. CO., Philadelphia, Pa.
Filed September 23, 1925. Serial No. 220,678. PUBLISHED NOVEMBER 3, 1925.

208,095. CANNED FISH. GATLIN & GATLIN, Los Angeles, Calif.
Filed September 21, 1925. Serial No. 220,519. PUBLISHED NOVEMBER 3, 1925.

208,096. NONALCOHOLIC, MALTLESS SIRUP FOR MAKING SOFT DRINKS. HARRY P. KOUJALES, doing business as H. P. Koujales Co., New Britain, Conn.
Filed June 15, 1925. Serial No. 215,794. PUBLISHED NOVEMBER 3, 1925.

208,097. PREPARATION TO KILL FLIES, LICE, AND OTHER VERMIN. VERTIS A. RANSOM, Manchester, N. H.
Filed August 21, 1925. Serial No. 219,201. PUBLISHED OCTOBER 13, 1925.

208,098. DEODORANTS AND DISINFECTANTS. ERVIN B. HARPER, doing business as Chemical Utilities Co., Dallas, Tex.
Filed September 2, 1925. Serial No. 219,667. PUBLISHED OCTOBER 20, 1925.

208,099. PILE REMEDY. CHARLES T. PORTER, doing business as The Pyl-Tox Co., Bay City, Mich.
Filed September 2, 1925. Serial No. 219,693. PUBLISHED OCTOBER 20, 1925.

208,100. CANDY. PETER DELANEY, doing business as Delaney & Young, Eureka, Calif.
Filed September 21, 1925. Serial No. 220,504. PUBLISHED NOVEMBER 3, 1925.

208,101. CANNED FISH. GATLIN & GATLIN, Los Angeles, Calif.
Filed September 21, 1925. Serial No. 220,518. PUBLISHED NOVEMBER 3, 1925.

208,102. CANDY-BAR GOODS. CHOCOLATE PRODUCTS COMPANY, Baltimore, Md.
Filed June 11, 1925. Serial No. 215,620. PUBLISHED NOVEMBER 3, 1925.

208,103. OPTICAL FRAMES, LENSES, AND PARTS OF OPHTHALMIC MOUNTINGS. MORRIS JACOBY, New York, N. Y.
Filed June 12, 1925. Serial No. 215,694. PUBLISHED NOVEMBER 3, 1925.

208,104. TOY MOLDS FOR MAKING ARTISTIC STRUCTURES FROM COMMINUTED MATERIALS. THE SEISS MANUFACTURING COMPANY, Toledo, Ohio.
Filed June 1, 1925. Serial No. 215,185. PUBLISHED NOVEMBER 3, 1925.

208,105. VEGETABLE COMPOUND USED AS A REMEDY FOR THE TREATMENT OF ECZEMA. JAMES C. BOURLAND, doing business as Imperial Medicine Company, Houston, Tex.
Filed May 16, 1925. Serial No. 214,395. PUBLISHED NOVEMBER 3, 1925.

208,106. TONIC AND BLOOD MEDICINE. KIRBY-GIFFORD COMPANY, Dallas, Tex.
Filed May 15, 1925. Serial No. 214,367. PUBLISHED OCTOBER 13, 1925.

208,107. COAL. SOUTHWESTERN COAL COMPANY, Amarillo, Tex., and Fort Smith, Ark.
Filed May 7, 1925. Serial No. 213,995. PUBLISHED OCTOBER 27, 1925.

208,108. PORTABLE BUNGALOWS. JOHN A. KINNEAR, Seattle, Wash.
Filed May 1, 1925. Serial No. 213,655. PUBLISHED OCTOBER 27, 1925.

208,109. COMPOSITION CONSTRUCTION AND INSULATING MATERIALS, SUCH AS SLABS, PANELS, BOARDS, BLOCKS, AND THE LIKE, AND THE MIXTURE OF SOLID INGREDIENTS USED IN PREPARING THE AFORESAID MATERIALS. ILLINOIS ASBESTOS PRODUCTS COMPANY, Chicago, Ill., assignors, by mesne assignments, to Universal Gypsum Company, Chicago, Ill., a Corporation of Delaware.
Filed April 25, 1925. Serial No. 213,305. PUBLISHED OCTOBER 13, 1925.

208,110. OXALIC ACID, BISMARCK BROWN ANILINE, ELECTRIC-BULB COLORING, DENATURED ALCOHOL, AND SPRAY PERFUME. HARRY LEONARD GREENBAUM, doing business as Technical Color & Chemical Works, Brooklyn, N. Y.
Filed April 24, 1925. Serial No. 213,234. PUBLISHED OCTOBER 27, 1925.

208,111. CHEMICAL PREPARATION IN POWDER FORM HAVING DISINFECTING AND DEODORIZING PROPERTIES, USEFUL PARTICULARLY IN BATHROOM AND OTHER PLUMBING APPLIANCES. FLUXO PRODUCTS COMPANY, Le Roy, N. Y.
Filed April 8, 1925. Serial No. 212,378. PUBLISHED OCTOBER 13, 1925.

208,112. GLOVES OF LEATHER, RUBBER, AND FABRIC, OF LEATHER AND RUBBER, OF LEATHER AND FABRIC, AND OF RUBBER AND FABRIC. C. D. OSBORN CO., Chicago, Ill.
Filed March 26, 1925. Serial No. 211,698. PUBLISHED SEPTEMBER 8, 1925.

208,113. MARCHPANE. MABLO-WERKE G. M. B. H., Bad Schwartau, near Lubeck, Germany.
Filed March 17, 1925. Serial No. 211,173. PUBLISHED NOVEMBER 3, 1925.

208,114. HEATING STOVES. PHILLIPS & BUTTORFF MFG. CO., Nashville, Tenn.
Filed March 14, 1925. Serial No. 211,051. PUBLISHED OCTOBER 6, 1925.

208,115. CANNED CORN. THE LYNCHBURG CANNING COMPANY, Lynchburg, Ohio.
Filed March 10, 1925. Serial No. 210,800. PUBLISHED NOVEMBER 3, 1925.

208,116. BLACK PIGMENTS FOR USE IN THE RUBBER INDUSTRY. BINNEY & SMITH COMPANY, New York, N. Y.
Filed March 5, 1925. Serial No. 210,523. PUBLISHED APRIL 28, 1925.

208,117. TEA. LEHN & FINK, INC., New York, N. Y.
Filed March 3, 1925. Serial No. 210,467. PUBLISHED NOVEMBER 3, 1925.

208,118. PLASTER. MYER J. REBNICK, doing business as Fibre Products Company, Plymouth, Mass.
Filed May 23, 1925. Serial No. 214,823. PUBLISHED OCTOBER 20, 1925.

208,119. INSECTIFUGE, A PREPARATION FOR DRIVING AWAY INSECTS, ESPECIALLY FOR PREVENTING TERMITES TO PENETRATE AND DESTROY WOOD. TERMIT LTD. A/S, Oslo, Norway.
Filed May 21, 1925. Serial No. 214,696. PUBLISHED JULY 21, 1925.

208,120. MOTOR OILS AND GREASES. ARMOULD'S OIL COMPANY, Hamilton, Ill.
Filed May 18, 1925. Serial No. 214,456. PUBLISHED SEPTEMBER 29, 1925.

208,121. LIQUID AND POWDER INSECTICIDE. GILPIN, LANGDON & COMPANY, INCORPORATED, Baltimore, Md.
Filed August 15, 1925. Serial No. 218,913. PUBLISHED OCTOBER 13, 1925.

208,122. HAIR TONIC FOR THE TREATMENT OF THE SCALP AND DANDRUFF. WILLIAM KLEIN, doing business as Pilnaro Chemical Co., New York, N. Y.
Filed August 18, 1925. Serial No. 219,035. PUBLISHED OCTOBER 13, 1925.

208,123. SWEET DIETETIC PREPARATION WITH MEDICINAL THERAPEUTIC PROPERTIES FOR DIABETIC PATIENTS. H. A. METZ LABORATORIES, INC., New York, N. Y.
Filed August 18, 1925. Serial No. 219,039. PUBLISHED OCTOBER 13, 1925.

208,124. ORAL PROPHYLACTIC. SOLEX DRUG COMPANY, Belleville, N. J.
Filed July 30, 1925. Serial No. 218,147. PUBLISHED OCTOBER 20, 1925.

208,125. MOTOR-FUEL COMPOUND. CHARLES C. BENTON, doing business as Pyrad Chemical Company, Philadelphia, Pa.
Filed August 19, 1925. Serial No. 219,055. PUBLISHED OCTOBER 13, 1925.

208,126. CORROSION PASTE. WILMORE M. DUCOTE, New Orleans, La.
Filed August 21, 1925. Serial No. 219,170. PUBLISHED OCTOBER 13, 1925.

208,127. NONFREEZING RADIATOR FLUID. EUREKA PRODUCTS CO., St. Louis, Mo.
Filed August 15, 1925. Serial No. 218,901. PUBLISHED OCTOBER 13, 1925.

208,128. MEDICINE IN LIQUID FORM TO PREVENT PERSPIRATION OF FEET. JOHN GAGL, New York, N. Y.
Filed August 18, 1925. Serial No. 219,030. PUBLISHED OCTOBER 13, 1925.

208,129. TALCUM POWDER. AVRI DRUG & CHEMICAL COMPANY, Jersey City, N. J.
Filed August 15, 1925. Serial No. 218,893. PUBLISHED OCTOBER 20, 1925.

208,130. CITRATE OF MAGNESIA. MAX W. ROBINSON, doing business as New England Magnesia Company, Boston, Mass.
Filed August 17, 1925. Serial No. 219,002. PUBLISHED OCTOBER 13, 1925.

208,131. DRESS SHIELDS, COLLAR BANDS, NARROW ELASTIC WEB, AND BIAS TAPE. THE OMO MANUFACTURING COMPANY, Middletown, Conn.
Filed July 7, 1925. Serial No. 216,984. PUBLISHED OCTOBER 20, 1925.

208,132. BIRTHDAY-CAKE CANDLE HOLDERS, CHRISTMAS-TREE REFLECTORS. N. D. Q. SPECIALTY CORPORATION, Brooklyn, N. Y.
Filed July 16, 1925. Serial No. 217,476. PUBLISHED OCTOBER 20, 1925.

208,133. HEALING SALVE. FRED BAUMAN, Reading, Ohio.
Filed July 23, 1925. Serial No. 217,752. PUBLISHED OCTOBER 20, 1925.

208,134. PERFUMES, FACE POWDER, AND BATH DUSTING POWDER. YARDLEY & CO., LIMITED, London, England.
Filed July 28, 1925. Serial No. 218,032. PUBLISHED OCTOBER 6, 1925.

208,135. DOG REMEDY FOR THE TREATMENT OF FITS. PEP STOCK MEDICINE COMPANY, Winder, Ga.
Filed July 30, 1925. Serial No. 218,140. PUBLISHED OCTOBER 6, 1925.

208,136. MONOGRAM PLATES FOR AUTOMOBILES. I. L. ROSENBERG, doing business as Super-Smart Studios, Chicago, Ill.
Filed July 31, 1925. Serial No. 218,205. PUBLISHED OCTOBER 6, 1925.

208,137. DISINFECTANTS AND DEODORIZERS. JOSEPH CHRISTOPHER SHEPARD, Wilmington, N. C.
Filed July 31, 1925. Serial No. 218,213. PUBLISHED OCTOBER 6, 1925.

208,138. MEDICINE FOR THE TREATMENT OF RHEUMATISM, GOUT, AND BLOOD DISORDERS. BOSUL COMPANY, INCORPORATED, Wilmington, Del., and Brooklyn, N. Y.
Filed August 1, 1925. Serial No. 218,240. PUBLISHED OCTOBER 13, 1925.

208,139. RUSSIAN MINERAL OIL FOR USE IN THE TREATMENT OF CONSTIPATION. AVRI DRUG & CHEMICAL COMPANY, Jersey City, N. J.
Filed August 15, 1925. Serial No. 218,892. PUBLISHED OCTOBER 13, 1925.

208,140. HOG TONIC FOR DISEASES OF THE STOMACH AND BOWELS. LEONARD LARSON, doing business as Swine Liquid Company, Alta, Iowa.
Filed August 8, 1925. Serial No. 218,561. PUBLISHED OCTOBER 13, 1925.

208,141. PREPARATION FOR THE TREATMENT OF SCALP AND REMOVAL OF DANDRUFF. J. SARTI COMPANY, Providence, R. I.
Filed August 6, 1925. Serial No. 218,501. PUBLISHED OCTOBER 20, 1925.

208,142. EMBALMING FLUID. THE EMBALMERS' SUPPLY COMPANY, Westport, Conn.
Filed August 4, 1925. Serial No. 218,355. PUBLISHED OCTOBER 20, 1925.

208,143. PREPARATION FOR THE TREATMENT OF PILES. HARRY K. WING, Plymouth, Pa.
Filed August 17, 1925. Serial No. 219,019. PUBLISHED OCTOBER 13, 1925.

208,144. OINTMENT USED IN THE TREATMENT OF ECZEMA, PSORIASIS, ITCHING PILES, POISON IVY, PIMPLES, OLD SORES, AND ALL SKIN TROUBLE, AND A PREPARATION USED IN THE TREATMENT OF QUINSY, TONSILLITIS, SORE THROAT, APHTHA, SORE MOUTH, ULCERATED SORE MOUTH, THRUSH, AND HOARSENESS. THOMAS F. DIEFENDERFER, doing business as Raynol Products Co., Butler, Pa.
Filed August 20, 1925. Serial No. 219,118. PUBLISHED OCTOBER 13, 1925.

208,145. BATH SALTS. TECHNICAL RESEARCH LABORATORIES, INC., Philadelphia, Pa.
Filed August 20, 1925. Serial No. 219,154. PUBLISHED OCTOBER 13, 1925.

208,146. WOOD-PRESERVING PREPARATIONS OR COMPOUNDS, PLANT AND ANIMAL DESTROYING PREPARATIONS OR COMPOUNDS, DISINFECTING PREPARATIONS OR COMPOUNDS, FLUOXIDES, FLUOR CONTAINING SALT MIXTURES, AND SALINE PRESERVING PREPARATIONS OR COMPOUNDS. GRUBENHOLZ-IMPRÄGNIERUNG G. M. B. H., Charlottenburg, Germany.
Filed August 21, 1925. Serial No. 219,180. PUBLISHED OCTOBER 13, 1925.

208,147. HAIRDRESSING. PRINCE LABORATORIES, Baton Rouge, La.
Filed August 19, 1925. Serial No. 219,087. PUBLISHED OCTOBER 13, 1925.

208,148. TOILET POWDER. PIERRE LEMELAND, Paris, France.
Filed August 1, 1925. Serial No. 218,261. PUBLISHED OCTOBER 27, 1925.

208,149. VAGINAL SUPPOSITORIES. H. K. MULFORD COMPANY, Philadelphia, Pa.
Filed August 4, 1925. Serial No. 218,365. PUBLISHED OCTOBER 27, 1925.

208,150. CATHARTIC AND LAXATIVE COMPOUND. H. K. MULFORD COMPANY, Philadelphia, Pa.
Filed August 4, 1925. Serial No. 218,367. PUBLISHED OCTOBER 27, 1925.

208,151. MEDICATED PARAFFIN STICK USED AS A PRESERVATIVE OF THE EDGE OF RAZOR BLADES. LEE C. GREENBURG, Kokomo, Ind.
Filed August 5, 1925. Serial No. 218,409. PUBLISHED OCTOBER 27, 1925.

208,152. SALVE FOR TREATMENT OF HEMORRHOIDS AND CREAM FOR TREATMENT OF SKIN ERUPTIONS. LOUIS C. DAUDELIN, doing business as The Heal-U Company, Baltimore, Md.
Filed August 7, 1925. Serial No. 218,451. PUBLISHED OCTOBER 27, 1925.

208,153. PERFUMES, TOILET WATERS, FACE AND TOILET POWDERS, AND FACIAL CREAMS. CHARLES KAVARNOS, doing business as French Perfume Company, Pittsburgh, Pa.
Filed August 7, 1925. Serial No. 218,463. PUBLISHED OCTOBER 27, 1925.

208,154. WOMEN'S AND CHILDREN'S COATS, SUITS, DRESSES, CAPES, CLOAKS, AND FUR NECKPIECES. PARISTYLE GARMENT COMPANY, St. Louis, Mo., assignor to Paristyle Apparel, Inc., St. Louis, Mo., a Corporation of Missouri.
Filed August 7, 1925. Serial No. 218,522. PUBLISHED OCTOBER 20, 1925.

208,155. PERFUMES, TOILET WATER, FACE POWDER, TALCUM POWDER, FACE CREAMS, BRILLIANTINE, LOTION FOR THE SKIN AND HAIR, ROUGES, SACHET, AND BATH SALTS. LOUIS BECKER, doing business as Becker Fils, Paris, France.
Filed August 11, 1925. Serial No. 218,685. PUBLISHED OCTOBER 27, 1925.

208,156. REMEDY FOR DANDRUFF, FALLING HAIR, AND AS A HAIR TONIC. JAMES A. FILLIS, Brooklyn, N. Y.
Filed August 11, 1925. Serial No. 218,694. PUBLISHED OCTOBER 27, 1925.

208,157. HAIR BALSAM FOR RESTORING COLOR TO GRAY OR FADED HAIR. HISCOX CHEMICAL WORKS, Patchogue, N. Y.
Filed August 11, 1925. Serial No. 218,701. PUBLISHED OCTOBER 27, 1925.

208,158. REMEDIES FOR THE CURE OF CORNS. HISCOX CHEMICAL WORKS, Patchogue, N. Y.
Filed August 11, 1925. Serial No. 218,702. PUBLISHED OCTOBER 27, 1925.

208,159. HAIR BALSAM FOR RESTORING COLOR TO GRAY OR FADED HAIR. HISCOX CHEMICAL WORKS, Patchogue, N. Y.
Filed August 11, 1925. Serial No. 218,703. PUBLISHED OCTOBER 27, 1925.

208,160. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS FOR MAKING THE SAME. CLICQUOT CLUB COMPANY, Millis, Mass.
Filed August 12, 1925. Serial No. 218,735. PUBLISHED NOVEMBER 3, 1925.

208,161. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS FOR MAKING THE SAME. CLICQUOT CLUB COMPANY, Millis, Mass.
Filed August 12, 1925. Serial No. 218,736. PUBLISHED NOVEMBER 3, 1925.

208,162. DEGUMMING AGENT. NATIONAL OIL AND CHEMICAL COMPANY, Philadelphia, Pa.
Filed August 12, 1925. Serial No. 218,771. PUBLISHED OCTOBER 27, 1925.

208,163. SHAMPOO BAGS. HANLY PRODUCTS CO. INC., Chicago, Ill.
Filed August 17, 1925. Serial No. 218,965. PUBLISHED OCTOBER 13, 1925.

208,164. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES. M. KANTOR, doing business as Kantor Bottling Works, Beloit, Wis.
Filed August 17, 1925. Serial No. 218,976. PUBLISHED NOVEMBER 3, 1925.

208,165. COD-LIVER OIL. BASTIAN N. HAKSTAD, doing business as B. N. Hakstad & Company, Chicago, Ill.
Filed August 18, 1925. Serial No. 219,082. PUBLISHED OCTOBER 27, 1925.

208,166. CARBONATED, NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. BRUNO RIOS, doing business as San Diego Bottling Works, San Diego, Tex.
Filed August 18, 1925. Serial No. 219,045. PUBLISHED NOVEMBER 3, 1925.

208,167. LIQUID CONTACT INSECTICIDE FOR DESTROYING APHIDS ON TREES, SHRUBBERY, PLANTS, VINES, FLOWERS, AND TRUCK CROP. ARTHUR ALFRED GOLD, Charleston, W. Va.
Filed August 19, 1925. Serial No. 219,070. PUBLISHED OCTOBER 27, 1925.

208,168. SALT BATH FOR HARDENING AND TEMPERING MATERIALS. THE HEATBATH CORPORATION, Springfield, Mass.
Filed August 19, 1925. Serial No. 219,071. PUBLISHED OCTOBER 27, 1925.

208,169. COFFEE. WAPLES PLATTER GRO. CO., Fort Worth, Tex.
Filed April 21, 1923. Serial No. 179,501. PUBLISHED NOVEMBER 3, 1925.

208,170. SHEEPSKIN-FUR COATS AND VESTS, SHEEPSKIN-LINED COATS AND VESTS, WOOLSKIN-LINED COATS AND VESTS, LEATHER COATS AND VESTS, LEATHER-LINED COATS AND VESTS, MACKINAW COATS AND VESTS, WORK SHIRTS AND PANTS, AND HIKING SHIRTS AND PANTS. ROSITSHEK, SCHNEIDER CO., Minneapolis, Minn.
Filed August 1, 1923. Serial No. 183,944. PUBLISHED OCTOBER 21, 1924.

208,171. IMITATION COFFEE. ALBERT CORNELL, doing business as Koffee-O Cereal Co., Tacoma, Wash.
Filed May 1, 1922. Serial No. 163,140. PUBLISHED DECEMBER 16, 1924.

208,172. AUTOMOBILE AND TRUCK TIRE CASINGS AND INNER TUBES, LACE BOOTS, AND INTERLININGS FOR TIRES, AND FAN BELTS. VIRGIL V. MOORE, Murfreesboro, Tenn.
Filed September 7, 1923. Serial No. 185,486. PUBLISHED MARCH 3, 1925.

208,173. ROOFING MATERIAL—NAMELY, READY ROOFING, ROOFING FELT, AND ROOFING PITCH. THE PARAFFINE COMPANIES, INC., San Francisco, Calif.
Filed February 25, 1924. Serial No. 192,787. PUBLISHED OCTOBER 13, 1925.

208,174. MEDICINE FOR THE TREATMENT OF CONSTIPATION, HEADACHE, TORPID LIVER, INTESTINAL AND GASTRIC INDIGESTION, AND ALSO NEURITIS. WILLIAM JOS. KORBONITS, doing business as Radio Medical Laboratories, Asbury Park, N. J.
Filed March 8, 1924. Serial No. 193,467. PUBLISHED OCTOBER 13, 1925.

208,175. SOAP AND CLEANING POWDER. THE LIVERPOOL BORAX CO. LTD., Liverpool, England.
Filed March 31, 1924. Serial No. 194,723. PUBLISHED OCTOBER 20, 1925.

208,176. WIRE HAIR PINS. THE DE LONG HOOK AND EYE COMPANY, Philadelphia, Pa.
Filed May 15, 1924. Serial No. 197,065. PUBLISHED OCTOBER 27, 1925.

208,177. PLASTERS FOR CORNS, BUNIONS, AND CALLII AND WARTS. SCHOLL MANUFACTURING COMPANY, INC., Chicago, Ill.
Filed August 15, 1924. Serial No. 201,469. PUBLISHED NOVEMBER 3, 1925.

208,178. SYNTHETIC PICTURE OUTFITS—THAT IS, OUTFITS FOR ASSEMBLING PICTURES FROM PICTURE ELEMENTS. WILLIAM D. KILBOURN, Colorado Springs, Colo.
Filed October 10, 1924. Serial No. 203,683. PUBLISHED NOVEMBER 3, 1925.

208,179. CANDY SUCKERS. THE STRAUSS CANDY COMPANY, Denver, Colo.
Filed October 13, 1924. Serial No. 203,845. PUBLISHED NOVEMBER 3, 1925.

208,180. MEN'S AND BOYS' SUITS AND OVERCOATS. JOHN L. POWERS, Indianola, Iowa.
Filed October 18, 1924. Serial No. 204,115. PUBLISHED OCTOBER 20, 1925.

208,181. ROLLER COASTERS. WORTHAM RIDING DEVICE COMPANY, Dallas, Tex.
Filed November 7, 1924. Serial No. 204,990. PUBLISHED NOVEMBER 3, 1925.

208,182. LADIES', MISSES', AND CHILDREN'S COATS AND LADIES' SWEATER COATS. JOSEPH ENGEL & CO., INC., New York, N. Y.
Filed November 20, 1924. Serial No. 205,591. PUBLISHED JANUARY 27, 1925.

208,183. LADIES', MISSES', OR CHILDREN'S DRESSES. JOSEPH ENGEL & CO., INC., New York, N. Y.
Filed November 20, 1924. Serial No. 205,592. PUBLISHED FEBRUARY 10, 1925.

208,184. OLEOMARGARINE. JOHN F. JELKE COMPANY, Chicago, Ill.
Filed December 29, 1924. Serial No. 207,365. PUBLISHED OCTOBER 20, 1925.

208,185. OLEOMARGARINE. JOHN F. JELKE COMPANY, Chicago, Ill.
Filed December 29, 1924. Serial No. 207,378. PUBLISHED OCTOBER 20, 1925.

208,186. CHOCOLATES AND BONBONS. THE NUNNALLY COMPANY, Atlanta, Ga.
Filed December 11, 1924. Serial No. 206,588. PUBLISHED MAY 12, 1925.

208,187. DISPENSING BOXES AND CANS. IDICO CORPORATION, New York, N. Y.
Filed September 4, 1925. Serial No. 219,824. PUBLISHED NOVEMBER 3, 1925.

208,188. TOOTH, HAIR, BODY, NAIL, OR HAND, AND SHAVING BRUSHES. NEW MIX PRODUCTS, INC., New York, N. Y.
Filed September 8, 1925. Serial No. 219,983. PUBLISHED NOVEMBER 3, 1925.

208,189. BROOMS MADE FROM BROOM CORN. AMSTERDAM BROOM COMPANY, Amsterdam, N. Y.
Filed September 9, 1925. Serial No. 220,008. PUBLISHED NOVEMBER 3, 1925.

208,190. BROOMS MADE FROM BROOM CORN. AMSTERDAM BROOM COMPANY, Amsterdam, N. Y.
Filed September 9, 1925. Serial No. 220,009. PUBLISHED NOVEMBER 3, 1925.

208,191. BROOMS MADE FROM BROOM CORN. AMSTERDAM BROOM COMPANY, Amsterdam, N. Y.
Filed September 9, 1925. Serial No. 220,011. PUBLISHED NOVEMBER 3, 1925.

208,192. BROOMS MADE FROM BROOM CORN. AMSTERDAM BROOM COMPANY, Amsterdam, N. Y.
Filed September 9, 1925. Serial No. 220,012. PUBLISHED NOVEMBER 3, 1925.

208,193. BROOMS MADE FROM BROOM CORN. AMSTERDAM BROOM COMPANY, Amsterdam, N. Y.
Filed September 9, 1925. Serial No. 220,018. PUBLISHED NOVEMBER 3, 1925.

208,194. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGE SOLD AS A SOFT DRINK AND SIRUPS FOR MAKING THE SAME. WILLIAM JOHN SHRADER, Chicago, Ill.
Filed September 11, 1925. Serial No. 220,147. PUBLISHED NOVEMBER 10, 1925.

208,195. CANNED RASPBERRIES, CANNED BLACKBERRIES, CANNED PEARS, CANNED RHUBARB, FRESH RASPBERRIES, AND FRESH CHERRIES; COLD PACK OR FROZEN RASPBERRIES, STRAWBERRIES, BLACKBERRIES, AND CURRANTS. THE PUYALLUP & SUMNER FRUIT GROWERS ASSOCIATION, Puyallup, Wash.
Filed September 14, 1925. Serial No. 220,252. PUBLISHED NOVEMBER 3, 1925.

208,196. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. THE SWEDISH PRODUCE CO., Chicago, Ill.
Filed September 14, 1925. Serial No. 220,260. PUBLISHED NOVEMBER 10, 1925.

208,197. CANNED AND BOTTLED VEGETABLES—NAMELY, CORN, PUMPKINS, SUCCOTASH, BEANS, MIXED VEGETABLES FOR SOUP, CARROTS, BEETS, HOMINY, SAUERKRAUT, SPINACH, SQUASH, ASPARAGUS, ASPARAGUS TIPS, OKRA, TOMATOES, PEAS; CANNED AND BOTTLED FRUITS — NAMELY, APPLES, PEACHES APRICOTS, PLUMS, PEARS, CHERRIES, PINEAPPLE; CANNED AND BOTTLED BERRIES—NAMELY, DEWBERRIES, BLACKBERRIES, STRAWBERRIES, RASPBERRIES, BLUEBERRIES, AND GOOSEBERRIES. THE J. M. PAYER CO., Chicago, Ill.
Filed September 18, 1925. Serial No. 220,418. PUBLISHED NOVEMBER 3, 1925.

208,198. RIVETS, INCLUDING PLAIN, SOLID, SLOTTED, PRONGED, BIFURCATED, OR TUBULAR. CRESCENT BELT FASTENER COMPANY, New York, N. Y.
Filed September 23, 1925. Serial No. 220,642. PUBLISHED NOVEMBER 10, 1925.

208,199. RIVETS, INCLUDING PLAIN, SOLID, SLOTTED, PRONGED, BIFURCATED, OR TUBULAR. CRESCENT BELT FASTENER COMPANY, New York, N. Y.
Filed September 23, 1925. Serial No. 220,644. PUBLISHED NOVEMBER 10, 1925.

208,200. RIVETS, INCLUDING PLAIN, SLOTTED, SOLID, PRONGED, BIFURCATED, OR TUBULAR. CRESCENT BELT FASTENER COMPANY, New York, N. Y.
Filed September 23, 1925. Serial No. 220,645. PUBLISHED NOVEMBER 10, 1925.

208,201. BROOMS. AMERICAN STORES COMPANY, Philadelphia, Pa.
Filed September 26, 1925. Serial No. 220,822. PUBLISHED NOVEMBER 3, 1925.

208,202. FAUCETS. GEORGE W. COOKE CO., INC., Brooklyn, N. Y.
Filed September 26, 1925. Serial No. 220,840. PUBLISHED NOVEMBER 10, 1925.

208,203. GRILLES. THE FRED J. MEYERS MANUFACTURING CO., Hamilton, Ohio.
Filed September 26, 1925. Serial No. 220,857. PUBLISHED NOVEMBER 10, 1925.

208,204. CASTINGS. BOHN ALUMINUM & BRASS CORPORATION, Detroit, Mich.
Filed September 28, 1925. Serial No. 220,883. PUBLISHED NOVEMBER 10, 1925.

208,205. FERTILIZING MATERIAL. FREDERIC M. LAWRENCE, Philadelphia, Pa.
Filed September 29, 1925. Serial No. 220,968. PUBLISHED NOVEMBER 10, 1925.

208,206. POTTERY CONSISTING OF LAVATORIES, CLOSET BOWLS, CLOSET TANKS, URINALS, AND HOPPERS. KOHLER COMPANY, Kohler, Wis.
Filed September 28, 1925. Serial No. 220,904. PUBLISHED NOVEMBER 10, 1925.

208,207. PREPARED FISH BAIT. MOSHER & LASHER, Wymore, Nebr.
Filed September 2, 1925. Serial No. 219,676. PUBLISHED NOVEMBER 3, 1925.

208,208. SKIN LOTIONS, ANTISEPTIC AND SOOTHING POWDER, AND FACE CREAM. ENSEMBLE MANUFACTURING CO., INC., Washington, D. C.
Filed September 2, 1925. Serial No. 219,662. PUBLISHED OCTOBER 27, 1925.

208,209. ICE-CREAM CONTAINERS OF PAPER. FRANK G. SHATTUCK COMPANY, Boston, Mass., and New York, N. Y.
Filed August 28, 1925. Serial No. 219,498. PUBLISHED NOVEMBER 3, 1925.

208,210. COFFEE. THE KARAVAN COFFEE COMPANY, Toledo, Ohio.
Filed August 28, 1925. Serial No. 219,486. PUBLISHED NOVEMBER 10, 1925.

208,211. NONALCOHOLIC, MALTLESS PINEAPPLE BEVERAGE SOLD AS A SOFT DRINK. CHRESOMALES & CORONGES, New York, N. Y.
Filed August 28, 1925. Serial No. 219,473. PUBLISHED NOVEMBER 10, 1925.

208,212. NONALCOHOLIC, MALTLESS BEVERAGE SOLD AS A SOFT DRINK. PONCE DE LEON ORANGE MILL CO., Des Moines, Iowa.
Filed August 26, 1925. Serial No. 219,407. PUBLISHED NOVEMBER 10, 1925.

208,213. LUBRICATING GREASES. D-A LUBRICANT COMPANY, INC., Indianapolis, Ind.
Filed August 26, 1925. Serial No. 219,383. PUBLISHED OCTOBER 27, 1925.

208,214. HOSIERY FOR MEN, WOMEN, AND CHILDREN. SHEIBO BROTHERS, INC., New York, N. Y.
Filed August 25, 1925. Serial No. 219,353. PUBLISHED OCTOBER 20, 1925.

208,215. SIRUPS AND ESSENCES FOR MAKING LEMONADES. NAAMLOOZE VENNOOTSCHAP DISTILLEERDERIJ, LIKEURSTOKERIJ, LIMONADE-EN EXTRACTENFABRIEK VAN C. POLAK GZN., Groningen, Netherlands.
Filed August 24, 1925. Serial No. 219,296. PUBLISHED NOVEMBER 3, 1925.

208,216. TOOTHBRUSHES, HAND BRUSHES, AND HAIRBRUSHES. GEO. BOROFELDT & CO., New York, N. Y.
Filed August 25, 1925. Serial No. 219,323. PUBLISHED NOVEMBER 3, 1925.

208,217. WOVEN WORSTED FABRICS. WILLIAM F. READ & SONS CO., Philadelphia, Pa.
Filed August 24, 1925. Serial No. 219,304. PUBLISHED OCTOBER 27, 1925.

208,218. HEALING SALVE. JOHN D. XENOS, San Diego, Calif.
Filed August 20, 1925. Serial No. 219,158. PUBLISHED NOVEMBER 3, 1925.

208,219. THERMOSTATIC CONTROLS. SPENCER THERMOSTAT COMPANY, Cambridge, Mass.
Filed August 20, 1925. Serial No. 219,150. PUBLISHED NOVEMBER 3, 1925.

208,220. COD-LIVER OIL IN POWDER FORM FOR ADMIXTURE TO STOCK AND POULTRY FEED. SILMO CHEMICAL CO. INC., Vineland, N. J.
Filed August 20, 1925. Serial No. 219,148. PUBLISHED OCTOBER 27, 1925.

208,221. CHEMICAL PREPARATION FOR REMOVAL OF KINKS, CURLS, AND UNEVENESS FROM HAIR. ROYAL PERFUME COMPANY, INC., New Orleans, La.
Filed August 20, 1925. Serial No. 219,143. PUBLISHED OCTOBER 27, 1925.

208,222. OIL FOR THE TREATMENT OF RHEUMATISM. A. ROCKFORD LEWIS, New Orleans, La.
Filed August 20, 1925. Serial No. 219,128. PUBLISHED OCTOBER 27, 1925.

208,223. SALVE FOR THE TREATMENT OF OPEN FLESH WOUNDS AND CUTS INCLUDING INFLAMED AND PUNCTURED FLESH WOUNDS. KATERINA KRUSIN, Chicago, Ill.
Filed August 20, 1925. Serial No. 219,125. PUBLISHED OCTOBER 27, 1925.

208,224. BLUING PADDLE. A. E. SPENCER PRODUCTS CORPORATION, Buffalo, N. Y.
Filed August 19, 1925. Serial No. 219,092. PUBLISHED OCTOBER 27, 1925.

208,225. CHEMICALS AND ALKALIES, SUCH AS AQUA AMMONIA, SODA ASH, CARBONATE OF SODA, SAL SODA, BICARBONATE OF SODA, CAUSTIC SODA, TRISODIUM PHOSPHATE, MONOHYDRATE OF SODA, NEUTRAL SODA, LAUNDRY SODA, CARBONATE OF POTASH, PEARL ASH, AND CAUSTIC POTASH. KALI MANUFACTURING CO., Philadelphia, Pa.
Filed August 19, 1925. Serial No. 219,073. PUBLISHED OCTOBER 27, 1925.

208,226. LUBRICATING OILS, PARTICULARLY PETROLEUM-PRODUCT OILS. PIERCE PETROLEUM CORPORATION, Wilmington, Del., and St. Louis, Mo.
Filed Nov. 24, 1924. Serial No. 205,777. PUBLISHED MAY 5, 1925.

208,227. LUBRICATING OIL. GLIDO OIL & CHEMICAL COMPANY, INC., Buffalo, N. Y.
Filed December 27, 1924. Serial No. 207,300. PUBLISHED FEBRUARY 24, 1925.

208,228. COD-LIVER COMPOUND TABLETS. CHARLES H. MCKEOWN, doing business as C. H. MCKEOWN Company, Cleveland, Ohio.
Filed June 22, 1925. Serial No. 216,196. PUBLISHED OCTOBER 27, 1925.

208,229. CANNED STRING BEANS. TILLMAN & BENDEL, INC., San Francisco, Calif., assignor to Clear Lake Cannery, Inc., Upper Lake, Calif., a Corporation of California.
Filed June 27, 1925. Serial No. 216,570. PUBLISHED NOVEMBER 10, 1925.

208,230. LINIMENT USED FOR THE RELIEF OF RHEUMATISM, NEURALGIA, LUMBAGO, SCIATICA, NEURITIS, PLEURISY, SORE THROAT, TONSILITIS, CHILBLAINS, FROSTED FEET, HEADACHE, CUTS, BRUISES, SPRAINS, AND DRAWING THE SORENESS OUT OF CORNS AND BUNIONS AND RUNNING RUSTY NAILS IN THE FLESH. PEARL C. ROBBINS, Millgrove, Ind.
Filed June 29, 1925. Serial No. 216,642. PUBLISHED OCTOBER 13, 1925.

208,231. CEREAL MALT BEVERAGE. NEW ENGLAND BREWING CO., doing business as Suffolk Brewing Company, Boston, Mass.
Filed June 30, 1925. Serial No. 216,689. PUBLISHED NOVEMBER 3, 1925.

208,232. CEREAL MALT BEVERAGE. NEW ENGLAND BREWING CO., doing business as The Roessle Brewery, Boston, Mass.
Filed June 30, 1925. Serial No. 216,690. PUBLISHED NOVEMBER 3, 1925.

208,233. SHOES OF LEATHER, RUBBER OR FABRIC OR COMBINATIONS OF SAID MATERIALS. MISHAWAKA RUBBER AND WOOLEN MANUFACTURING COMPANY, Mishawaka, Ind.
Filed July 3, 1925. Serial No. 216,842. PUBLISHED SEPTEMBER 1, 1925.

208,234. MALT BEVERAGE. GOTTFRIED KRUEGER BREWING CO., Newark, N. J.
Filed July 6, 1925. Serial No. 216,918. PUBLISHED NOVEMBER 3, 1925.

208,235. COFFEE. SAN ANTONIO COFFEE CO., San Antonio, Tex.
Filed July 6, 1925. Serial No. 216,942. PUBLISHED NOVEMBER 3, 1925.

208,236. COFFEE, TEA, CIDER VINEGAR, AND OLIVE OIL. RAUL RIBEIRO, doing business as Luzo Coffee Company, New Bedford, Mass.
Filed July 7, 1925. Serial No. 216,992. PUBLISHED NOVEMBER 3, 1925.

208,237. KNITTED UNDERWEAR FOR MEN, WOMEN, AND CHILDREN AND HOSIERY AND DRESSES FOR MISSES, LADIES, AND JUNIORS. LANG KNITTING MILLS, INC., New York, N. Y.
Filed July 18, 1925. Serial No. 217,568. PUBLISHED OCTOBER 20, 1925.

208,238. RUBBER MASSAGE BATH BRUSHES. KASE-QUINBY RUBBER CO., INC., New York, N. Y.
Filed July 21, 1925. Serial No. 217,675. PUBLISHED NOVEMBER 3, 1925.

208,239. REMEDY FOR CORNS, WARTS, BUNIONS, AND CALLI. FERDINAND COSTA, doing business as James Kennedy Laboratories, Chicago, Ill.
Filed July 25, 1925. Serial No. 217,863. PUBLISHED OCTOBER 27, 1925.

208,240. FACIAL AND SKIN TOILET PREPARATIONS—NAMELY, BEAUTY CREAM AND COLD CREAM. AMERICAN BEAUTY CO., Long Beach, Calif.
Filed July 27, 1925. Serial No. 217,914. PUBLISHED OCTOBER 13, 1925.

208,241. LIQUID NAIL POLISH. THE NAILCRAFT CO., Brooklyn, N. Y.
Filed July 27, 1925. Serial No. 217,949. PUBLISHED OCTOBER 27, 1925.

208,242. PREPARATION FOR THE TREATMENT OF PILES. ERNEST F. SCHULZ, doing business as Rose Bud Sulfrum Company, Fort Wayne, Ind.
Filed July 27, 1925. Serial No. 217,963. PUBLISHED OCTOBER 13, 1925.

208,243. PREPARATION TO BE USED AS A BLOOD PURIFIER, ANTIRHEUMATIC, AND TONIC. MACARIO V. BALLESTEROS, Los Angeles, Calif.
Filed July 28, 1925. Serial No. 217,981. PUBLISHED OCTOBER 13, 1925.

208,244. PERFUMES, TOILET WATER, FACE CREAM, FACE POWDER, TALCUM POWDER, EAU DE COLOGNE, BATH SALTS, BRILLIANTINE, AND FACE CREAM. ALPHONSE GRAVIER, Neuilly-sur-Seine, France.
Filed August 1, 1925. Serial No. 218,256. PUBLISHED OCTOBER 27, 1925.

208,245. DOUCHE POWDER. LEE W. WIGGINS, doing business as The Hygena Laboratories, Atlanta, Ga.
Filed July 31, 1925. Serial No. 218,227. PUBLISHED OCTOBER 13, 1925.

208,246. DRUGS AND CHEMICALS. DURR DRUG COMPANY, Montgomery, Ala.
Filed July 31, 1925. Serial No. 218,169. PUBLISHED OCTOBER 27, 1925.

208,247. PHOTOGRAPHIC DEVELOPERS, TONING BATHS, FIXING SALTS, AND FLASH-LIGHT POWDERS AND CHEMICAL PRODUCTS FOR PHOTOGRAPHIC PURPOSES. MIMOSA AKTIENGESELLSCHAFT, Dresden, Germany.
Filed July 29, 1925. Serial No. 218,076. PUBLISHED OCTOBER 27, 1925.

TRADE-MARK REGISTRATIONS RENEWED

46,314. MINERAL WATER. Registered September 12, 1905. EUREKA SPRINGS WATER CO. Renewed September 12, 1925, to R. R. Thompson, also doing business as Eureka Springs Water Co., Eureka Springs, Ark., successor.

47,382. SOFT-CENTER CREAM CHOCOLATES. Registered October 31, 1905. THE WEINRICH-SCHNEIDER COMPANY. Renewed October 31, 1925, to The Reinhart & Newton Company, Cincinnati, Ohio, a Corporation of Ohio, assignee by mesne assignments.

49,549. BAKING POWDER. Registered February 6, 1906. THE SEA GULL SPECIALTY CO., Baltimore, Md., a Corporation of New Jersey. Renewed February 6, 1926.

49,573. OINTMENT. Registered February 13, 1906. POTTER DRUG & CHEMICAL CORPORATION, Boston, Mass. Renewed February 13, 1926, to Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass., a Corporation of Maine.

49,675. A MEDICATED AND PERFUMED SOAP. Registered February 13, 1906. POTTER DRUG & CHEMICAL CORPORATION, Boston, Mass. Renewed February 13, 1926, to Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass., a Corporation of Maine.

49,696. PAINTS AND INSULATING COMPOUNDS. Registered February 13, 1906. THE STANDARD PAINT COMPANY, New York, N. Y. Renewed February 13, 1926, to The Ruberoid Co., Boundbrook, N. J., and New York, N. Y., a Corporation of New Jersey, assignee.

49,724. MEDICINE FOR INTERNAL USE. Registered February 13, 1906. POTTER DRUG & CHEMICAL CORPORATION, Boston, Mass. Renewed February 13, 1926, to Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass., a Corporation of Maine.

50,632. EJECTORS. Registered March 27, 1906. THE UNITED INJECTOR CO. Renewed March 27, 1926, to Manning, Maxwell & Moore, Inc., New York, N. Y., a Corporation of New Jersey, assignee.

50,753. MEDICINE FOR INTERNAL USE. Registered March 27, 1906. POTTER DRUG & CHEMICAL CORPORATION, Boston, Mass. Renewed March 27, 1926, to Potter Drug & Chemical Corporation, Boston, Mass., and Portland, Me., a Corporation of Maine.

50,754. OINTMENT. Registered March 27, 1906. POTTER DRUG & CHEMICAL CORPORATION, Boston, Mass. Renewed March 27, 1926, to Potter Drug & Chemical Corporation, Boston, Mass., and Portland, Me., a Corporation of Maine.

51,270. GLOVES AND MITTENS. Registered April 10, 1906. THE JOSEPH N. EISENDRATH COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed April 10, 1926.

LABELS

REGISTERED JANUARY 19, 1926.

29,757.—*Title:* LICORICE BRICKS. For Candy. AMERICAN LICORICE CO., Chicago, Ill., and San Francisco, Calif. Published November 21, 1925.

29,758.—*Title:* THE DOLLAR BOX, SILVER FILM WHITE TISSUE. For Toilet Tissue Paper. AMERICAN TOILET PAPER COMPANY, INC., Utica, N. Y. Published April 1, 1925.

29,759.—*Title:* ELECTRA FOR RHEUMATISM. For Medicinal Preparation. ELECTRA ZALOUHOU ANDERTON, Jersey City, N. J. Published November 4, 1925.

29,760.—*Title:* BADEN CRYSTALS. For a Crystal Combination for Use in the Bath as a Treatment for the Relief and Prevention of Rheumatism. BADEN LABORATORIES, INC., Paterson, N. J. Published September 7, 1925.

29,761.—*Title:* CANTAN. For Whisky. BALTIMORE DISTILLING CO., Baltimore, Md. Published August 1, 1925.

29,762.—*Title:* CANTAN. For Whisky. BALTIMORE DISTILLING CO., Baltimore, Md. Published August 1, 1925.

29,763.—*Title:* B. D. C. BLACK LABEL. For Whisky for Medicinal Purposes. BALTIMORE DISTILLING CO. OF BALTIMORE, MD., Baltimore, Md. Published November 5, 1925.

29,764.—*Title:* OLD COLONY CLUB. For Whisky for Medicinal Purposes. BALTIMORE DISTILLING CO. OF BALTIMORE, MD., Baltimore, Md. Published December 15, 1925.

29,765.—*Title:* CHOC-O-LAC. For Chocolate Sirup. BLUMAS CHOC-O-LAC CO., Brooklyn, N. Y. Published December 1, 1925.

29,766.—*Title:* BRUNING'S HORSE RADISH. For Horse-Radish. CHRISTIAN A. BRUNING, Paterson, N. J. Published November 12, 1925.

29,767.—*Title:* CAMEL BRAND. For a Malt and Hop Extract. FRANK L. BRZOSKA, doing business as Detroit Malt Extract Co., Dayton, Ohio. Published September 8, 1925.

29,768.—*Title:* BLUE RIBBON FIGS, PRESSED PACK. For Dried Figs. CALIFORNIA PEACH & FIG GROWERS ASSOCIATION, Fresno, Calif. Published November 2, 1925.

29,769.—*Title:* CHIME-LIKE TONE. For Radio Receivers. CARILLON RADIO CO., INC., Essex, N. Y. Published October 20, 1925.

29,770.—*Title:* MELO-CREAM MALT EXTRACT. For Malt Extract. E. S. CLEEVER, Chicago, Ill. Published September 15, 1925.

29,771.—*Title:* STUSS THE CREAM OF CREAMS. For Cream of Creams, a Toilet Preparation. RICHARD COE, doing business as Stuss Mfg. Co., Newark, N. J. Published July 28, 1925.

29,772.—*Title:* O-HI-O DIE STEEL. For Steel Plates, Sheets, and Bars. COLONIAL STEEL COMPANY, Pittsburgh, Pa. Published December 16, 1925.

29,773.—*Title:* SUN-GOLD. For Fresh Dates. THE DATE CORPORATION OF AMERICA, Alhambra, Calif. Published December 10, 1925.

29,774.—*Title:* ALWAYS THE SAME—ALWAYS GOOD. For Coffee. THE DAYTON SPICE MILLS COMPANY, Dayton, Ohio. Published December 4, 1925.

29,775.—*Title:* DENT-O-LAVA. For Mouth Wash. ANTHONY K. DELLAROWE, doing business as Dellarowe Drug Company, Hollywood, Calif. Published September 10, 1925.

29,776.—*Title:* DENTON'S PAIN-EZ-ER HOT-DROPS KRAMP-KILUR. For a Medicinal Preparation. PAUL D. DENTON, Cincinnati, Ohio. Published December 8, 1925.

29,777.—*Title:* LUNCH-IN-LOAF. For Bread. DES MOINES BAKERY CO., Des Moines, Iowa. Published October 8, 1925.

29,778.—*Title:* KIDDO, THE GREAT KIDNEY AND BACKACHE REMEDY. For a Medicinal Preparation. F. S. DUFFY MEDICINE CO., New Bern, N. C. Published October 20, 1925.

29,779.—*Title:* LA FERLITA. For Cigars, Cigarettes, Smoking Tobacco, and Chewing Tobacco. JOSE FERLITA, Chicago, Ill. Published October 22, 1925.

29,780.—*Title:* FRISCH PROCESS. For Bread. EMILE FRISCH, Chicago, Ill. Published May 2, 1925.

29,781.—*Title:* FRISCH PROCESS. For Bread. EMILE FRISCH, Chicago, Ill. Published November 30, 1925.

29,782.—*Title:* TANK BRAND. For Kerosene. GILMORE OIL COMPANY, Los Angeles, Calif. Published October 19, 1925.

29,783.—*Title:* NO-COOK BARLEY MALT SYRUP. For Barley-Malt Sirup. GOLD MEDAL PRODUCTS CO., Philadelphia, Pa. Published July 1, 1925.

29,784.—*Title:* BLUE SEAL MALT EXTRACT. For Malt Extract. GOLD MEDAL PRODUCTS CO., Philadelphia, Pa. Published July 1, 1925.

29,785.—*Title:* GOLD MEDAL QUALITY MALT SYRUP. For Malt Sirup. GOLD MEDAL PRODUCTS CO., Philadelphia, Pa. Published July 1, 1925.

29,786.—*Title:* SLUMBER TOYS. For Flannel Toys. BRENDA GREGG, Santa Barbara, Calif. Published October 1, 1925.

29,787.—*Title:* GRIGSBY'S GREECE. For Salve. CLEMENT E. GRIGSBY, Coffeyville, Kans. Published October 22, 1925.

29,788.—*Title:* HANDY CRAFT MODERN GENIE. For Mechanical-Toy Construction Units. THE HART & COOLEY COMPANY, New Britain, Conn. Published October 5, 1925.

29,789.—*Title:* 12 SETS OF HANDY CRAFT. THE MAGICAL TOY FOR BOYS. For Mechanical-Toy Construction Units. THE HART & COOLEY COMPANY, New Britain, Conn. Published October 5, 1925.

29,790.—*Title:* STRONGSTITCH SOLE SEWING THREAD. For Thread. HAYNE-SUERIDGE COMPANY, St. Louis, Mo. Published November 30, 1925.

29,791.—*Title:* $1000.00 GUARANTEED OZO WASTE PIPE OPENER. For a Waste-Pipe, Sink, and Drain Solvent and Opener. B. HELLER & COMPANY, Chicago, Ill. Published November 30, 1925.

29,792.—*Title:* READICRACKED. For Cracked and Screened Pecans. HORN SEED CO., Oklahoma City, Okla. Published November 20, 1925.

29,793.—*Title:* HUSKY BAR MADE FOR THE HUSKIES HARD TO BEAT THEM 10¢. For Candy. W. E. HUMPHREY CO., INC., Tacoma, Wash. Published December 3, 1925.

29,794.—*Title:* JACKSON-CAP. For Root Beer. JACKSON BREWING COMPANY, New Orleans, La. Published October 27, 1925.

29,795.—*Title:* LIBBY'S MILK. For Evaporated Milk. LIBBY, MCNEIL & LIBBY, Chicago, Ill. Published October 19, 1925.

29,796.—*Title:* LEOPARD. For Matches. LION MATCH CO., INC., New York, N. Y. Published December 10, 1925.

29,797.—*Title:* HUG-ME-TITE TIRE PATCH. For Tire Patches. CLARENCE J. LIVENGOOD, Winston-Salem, N. C. Published November 6, 1925.

29,798.—*Title:* FRUIT-MELANGE. For a Filling for Pastries, Cakes, Tarts, Layers, Etc. ADOLF J. MAINZER, INC., Long Island City, N. Y. Published November 20, 1925.

29,799.—*Title:* MADRID CAKE MIX. For Cake Mix. E. M. MATHIESSEN, Chicago, Ill. Published December 17, 1925.

29,800.—*Title:* HOLLYWOOD BRAND EARLY JUNE PEAS. For Canned Peas. OSCAR MAYER & CO., Chicago, Ill. Published December 16, 1925.

29,801.—*Title:* WINDSOR BRAND TOMATOES. For Canned Tomatoes. OSCAR MAYER & CO., Chicago, Ill. Published December 16, 1925.

29,802.—*Title:* OSCAR MAYER'S SELECTED TOMATOES. For Canned Tomatoes. OSCAR MAYER & CO., Chicago, Ill. Published December 16, 1925.

29,803.—*Title:* WINDSOR BRAND EARLY JUNE PEAS. For Canned Peas. OSCAR MAYER & CO., Chicago, Ill. Published December 16, 1925.

29,804.—*Title:* OSCAR MAYER'S BEANS WITH PORK. For Canned Pork and Beans. OSCAR MAYER & CO., Chicago, Ill. Published December 16, 1925.

29,805.—*Title:* OSCAR MAYER'S SWEET CORN. For Canned Corn. OSCAR MAYER & CO., Chicago, Ill. Published December 16, 1925.

29,806.—*Title:* HOLLYWOOD BRAND TOMATOES. For Canned Tomatoes. OSCAR MAYER & CO., Chicago, Ill. Published December 16, 1925.

29,807.—*Title:* HOLLYWOOD BRAND SWEET CORN. For Canned Corn. OSCAR MAYER & CO., Chicago, Ill. Published December 16, 1925.

29,808.—*Title:* DROPNOT BIB. For Bibs. ROBERT C. MELVIN, San Francisco, Calif. Published November 7, 1925.

29,809.—*Title:* SILVER BROOK CREAMERY BUTTER. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to W. B. Magel & Company, Jackson, Mich. Published November 25, 1925.

29,810.—*Title:* BIG VALLEY. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis. Published November 16, 1925.

29,811.—*Title:* ALL WEATHER PNEUMATIC VENT GASKET. For Vent Gaskets for Use on Automobiles. METAL PRODUCTS COMPANY, Des Moines, Iowa. Published August 7, 1925.

29,812.—*Title:* MEYER ENGINEERING CO. For Meyer Geared Cyclone Fans. MEYER ENGINEERING COMPANY, Newark, N. J. Published November 28, 1925.

29,813.—*Title:* NATURAL WAVE CURLER. For Curler for Producing a Wave in Natural Hair. NATURAL WAVE CURLER MFG. CO., Seattle, Wash. Published January 15, 1925.

29,814.—*Title:* PRATTLOW. For Canned Muscat Grapes. PRATT-LOW PRESERVING COMPANY, Santa Clara, Calif. Published August 12, 1925.

29,815.—*Title:* PRATTLOW #1. For Canned Green Gage Plums. PRATT-LOW PRESERVING COMPANY, Santa Clara, Calif. Published August 12, 1925.

29,816.—*Title:* PRATTLOW #2. For Canned Yellow Free Peaches. PRATT-LOW PRESERVING COMPANY, Santa Clara, Calif. Published August 12, 1925.

29,817.—*Title:* PRATTLOW #3. For Canned Egg Plums. PRATT-LOW PRESERVING COMPANY, Santa Clara, Calif. Published August 12, 1925.

29,818.—*Title:* MASTER'S ORIGINAL WINDOW CLEANER. For a Fluid for Cleaning Glass. HERMAN REUTER, Clifton, N. J. Published July 15, 1925.

29,819.—*Title:* CRIMSON CRANE. For Fresh Oranges. RIALTO HEIGHTS ASSOCIATION, Rialto, Calif. Published October 15, 1925.

29,820.—*Title:* ALTURA. For Fresh Oranges. RIALTO HEIGHTS ASSOCIATION, Rialto, Calif. Published October 15, 1925.

29,821.—*Title:* IBEX. For Oranges. RIVERA FRUIT ASSOCIATION, Rivera, Calif. Published August 5, 1925.

29,822.—*Title:* HOME MADE BREAD. For Bread. PRESTON E. ROBERTS, INC., Fort Madison, Iowa. Published October 1, 1924.

29,823.—*Title:* TAJ MAHAL TEA. CHOICEST DARJEELING. For Darjeeling Tea. S. & G. GUMP COMPANY, San Francisco, Calif. Published November 29, 1925.

29,824.—*Title:* WINSOME. For Bread. SANIWAX PAPER CO., Kalamazoo, Mich. Published December 15, 1925.

29,825.—*Title:* DR. SCHAEFFER'S AXIAL INTRA-FORAMEN SPINO-SPACER. For Medical and Surgical Appliances for Adjusting the Vertebral Column of Living Vertebrate Beings. LEON SCHAEFFER, Sulphur, Okla. Published August 10, 1925.

29,826.—*Title:* DIAMOND FINISH. For Furniture Polish. G. A. SEVDE, Des Moines, Iowa. Published November 4, 1925.

29,827.—*Title:* BIG 7 WONDER LOAF. For Bread. SEVEN BAKER BROTHERS, Pittsburgh, Pa. Published September 15, 1925.

29,828.—*Title:* QUALITY INN. For Rice. SORVER, MCEVOY & CO., Philadelphia, Pa. Published December 8, 1925.

29,829.—*Title:* LANCE COUGH DROPS. For Cough Drops. THE SWEETS COMPANY OF AMERICA, INCORPORATED, New York, N. Y. Published October 23, 1925.

29,830.—*Title:* BUTTERSCOTCH TOOTSIE ROLLS. For Candy. THE SWEETS COMPANY OF AMERICA, INCORPORATED, New York, N. Y. Published October 20, 1925.

29,831.—*Title:* TIC-TOC. For a Preparation for Washing Dishes, Clothes, Glassware, for Softening Water, for Bleaching and Sterilizing, and Many Other Uses. P. C. TOMSON & COMPANY, INC., Philadelphia, Pa. Published November 2, 1925.

29,832.—*Title:* CALIFORNIA BLEND PURE CALIFORNIA FRUIT JUICE. For Pure Fruit Juices. UNITED STATES PURE FOOD CORPORATION, New York, N. Y. Published November 19, 1925.

29,833.—*Title:* GOLD MEDAL ENAMEL. For Enamel. L. WETCHLER & SONS, New York, N. Y. Published May 1, 1925.

29,834.—*Title:* PRIMROSE WOVEN HKFS. For Handkerchiefs. ABRAHAM P. WILKES, New York, N. Y., assignor to Heather Handkerchief Works, Inc., New York, N. Y., a Corporation of New York. Published September 8, 1925.

29,835.—*Title:* LA TOSCA. For Perfumes. RALPH D. WOLFE, doing business as Reliable Mfg. Co., Chicago, Ill. Published November 25, 1920.

PRINTS

REGISTERED JANUARY 19, 1926.

8,503.—*Title:* THE VOICE OF A GENTLEMAN'S CAR. For Electric Horns. ROBERT BOSCH MAGNETO COMPANY, INC., New York, N. Y., assignor to Robert Bosch Aktiengesellschaft, Suttgart, Germany, a Corporation of Germany. Published September 24, 1925.

8,504.—*Title:* FRANK O. LOWDEN GIVES HIS FIRST RULE FOR KEEPING FIT. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published November 12, 1925.

8,505.—*Title:* FREE TO TEACHERS, NURSES, DIETICIANS OUR NEW WALL DIET CHART. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published December 1, 1925.

8,506.—*Title:* IN HIGH GEAR EVERY MINUTE THIS IS WHY AUTHORITIES URGE A HOT CEREAL BREAKFAST FOR CHILDREN. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published December 5, 1925.

8,507.—*Title:* AN APPEAL TO MOTHERS. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published December 8, 1925.

8,508.—*Title:* SINCE THE DAYS OF FRILLS AND QUILLS. For Pillows. CHAS. EMMERICH & CO., Chicago, Ill. Published January 1, 1925.

8,509.—*Title:* BETTER CLOTHES. For Wearing Apparel. ENGLISH WOOLEN CO., Cleveland, Ohio; Detroit, Mich.; Dayton, Ohio; Louisville, Ky.; and Indianapolis, Ind. Published December 10, 1925.

8,510.—*Title:* WHEN LINCOLN BOARDED WITH MRS. RUTLEDGE. For Coffee. JAS. H. FORBES TEA & COFFEE CO., St. Louis, Mo. Published October 13, 1925.

8,511.—*Title:* BALZAC, THE GREAT FRENCH WRITER, GOT INSPIRATIONS FROM COFFEE. For Coffee. JAS. H. FORBES TEA & COFFEE CO., St. Louis, Mo. Published October 21, 1925.

8,512.—*Title:* GENERAL GRANT GOT MUCH SOLACE FROM HIS COFFEE. For Coffee. JAS. H. FORBES TEA & COFFEE CO., St. Louis, Mo. Published October 28, 1925.

8,513.—*Title:* THE FILM OF PROTECTION FOR BOILERS. For Boiler-Cleaning Compound. GARRATT-CALLAHAN CO., San Francisco, Calif. Published November 25, 1925.

8,514.—*Title:* GOOD WORK—GOOD MATERIAL AND A FAIR SQUARE PRICE—BRING IN YOUR OLD SHOES FOR REPAIR—WE USE GOOD—WINGFOOT—YEAR WINGFOOT SOLES & HEELS. For Soles and Heels for Boots and Shoes Composed Wholly or in Part of Rubber. THE GOODYEAR TIRE & RUBBER COMPANY, INC., Akron, Ohio. Published October 28, 1925.

8,515.—*Title:* FOODS AND INGREDIENTS OF FOODS. For Foods and Ingredients of Foods. GRANGER & CO., Buffalo, N. Y. Published September 22, 1925.

8,516.—*Title:* HOLLYWOOD DOLLIES THEATRE. For Hollywood Dollies. HOLLYWOOD DOLLIES, INC., New York, N. Y. Published December 8, 1925.

8,517.—*Title:* LO MÁS MODERNO EN MÁQUINAS DE COSER. For Sewing Motors and Sewing Lights. THE SINGER MANUFACTURING COMPANY, Elizabeth, N. J. Published September 17, 1925.

8,518.—*Title:* A MESSAGE TO DEALERS. For Smokador Ashless Ashstand. SMOKADOR MFG. CO. INC., New York, N. Y. Published April 22, 1925.

8,519.—*Title:* THE SUREST WAY TO GET QUALITY IN COFFEE. For Coffee. SORVER, MCEVOY & CO., Philadelphia, Pa. Published December 10, 1925.

8,520.—*Title:* STEPPING AHEAD. For Cottonseed. SUMMEROUR & SON, Vernon, Tex. Published November 15, 1925.

8,521.—*Title:* HOOTSIE TOOTSIE. For Candy. THE SWEETS COMPANY OF AMERICA, INCORPORATED, New York, N. Y. Published October 9, 1925.

8,522.—*Title:* TRUSCON FERRODECK. For Insulated and Waterproofed Roofing. TRUSCON STEEL COMPANY, Youngstown, Ohio. Published Nov. 14, 1925.

8,523.—*Title:* THE SIMPLE SOLUTION. For Boiler-TREATING POWDER. THE VINCO COMPANY, INC., New York, N. Y. Published Nov. 15, 1925.

REISSUES

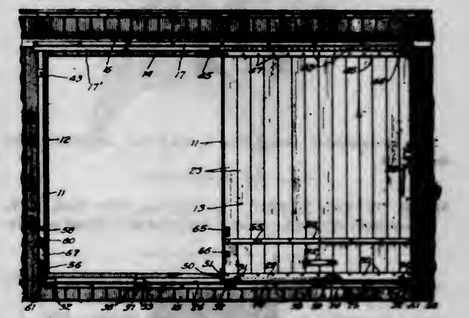
JANUARY 19, 1926.

16,254. PARKING LIGHT. FRANCIS B. LEECH and ELIJAH W. TITUS, Washington, D. C., assignors to Rae-Lite Manufacturing Co., Baltimore, Md., a Corporation of Maryland. Filed Aug. 13, 1924. Serial No. 731,881. Original No. 1,447,589, dated Mar. 6, 1923, Serial No. 478,275, filed June 17, 1921. 2 Claims. (Cl. 240—1.)



1. In a parking lamp, the combination of a casing including opposed sections of different colors, a retaining band passing over said casing at its color junction, said band being in interlocking engagement with said casing, the end portions of said band extending downwardly to form attaching means for the casing, a base having a portion adapted to be attached to an automobile fender or the like, and an upstanding socketed portion, the downwardly extending portion of the band entering the socket and secured to the walls of the upstanding portion.

16,255. CAR DOOR. FRANK JAGER, Chicago, Ill., assignor of one-half to Samuel A. Spry, Chicago, Ill.; Elizabeth J. Spry administratrix of said Samuel A. Spry, deceased. Filed Sept. 9, 1924. Serial No. 736,719½. Original No. 1,427,901, dated Sept. 5, 1922, Serial No. 321,619, filed Sept. 4, 1919. 19 Claims. (Cl. 20—22.)

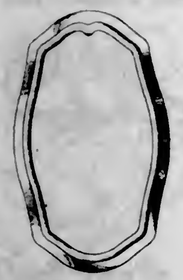


1. A railway box car, the combination with the doorway frame providing an opening, of a door adapted to have longitudinal sliding movement exteriorly of the doorway frame to close said opening and provided along its lower marginal portion with a channel, an open sided track for said lower door portion comprising an angle-bar rail member having its inner vertical flange abutting the doorway frame below the opening, anti-friction balls in said channel operatively interposed between said lower marginal door portion and the horizontal flange of said rail member, and a spacing member positioned loosely in said channel and constructed and arranged with reference to said balls and said door to check the final closing or opening movement of the latter.

DESIGNS

JANUARY 19, 1926.

69,247. INSTRUMENT-CASE BEZEL. HARRY H. BASSETT, Flint, Mich. Filed Nov. 19, 1923. Serial No. 7,821. Term of patent 14 years.



The ornamental design for an instrument case bezel, as shown.

69,248. FINGER RING. ETTORE E. BAYARDI, Chicago, Ill., assignor to Bayardi Bros. Inc., Chicago, Ill., a Corporation of Illinois. Filed Aug. 8, 1925. Serial No. 14,356. Term of patent 14 years.



The ornamental design for a finger ring, as shown and described.

69,249. DYED FUR. HAROLD M. BECHER, Brooklyn, N. Y. Filed Sept. 17, 1925. Serial No. 14,806. Term of patent 14 years.



The ornamental design for a dyed fur, as shown and described.

69,250. WOVEN FABRIC. LEO BLUHM, New York, N. Y. Filed Nov. 3, 1925. Serial No. 15,330. Term of patent 3½ years.



The ornamental design for a woven fabric as shown.

69,251. UPRIGHT MEMBER FOR A LAMP OR SIMILAR ARTICLE. LESLIE H. BURLIN, Chicago, Ill., assignor to Burlin Co., a Firm composed of Leslie H. Burlin and Walter H. Sedgwick, Chicago, Ill. Filed Oct. 10, 1925. Serial No. 15,091. Term of patent 7 years.



The ornamental design for an upright member for a lamp or similar article, as shown.

69,252. DOLL. JOAN CHAPMAN, New York, N. Y. Filed Sept. 22, 1925. Serial No. 14,853. Term of patent 3½ years.



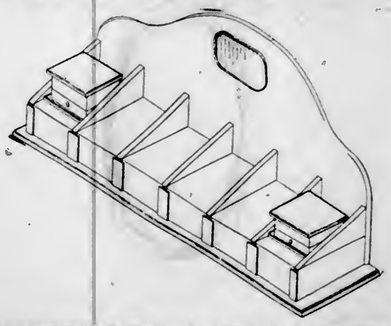
The ornamental design for a doll, as shown.

69,253. CIGAR LIGHTER. OSCAR COHEN, New York, N. Y. Filed Oct. 10, 1924. Serial No. 11,019. Term of patent 3½ years.



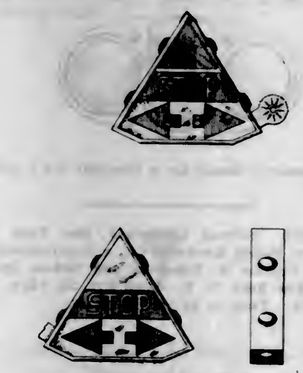
The ornamental design for a cigar lighter, as shown.

69,254. DISPLAY STAND FOR JEWELRY. MOSES COLKER, Pittsburgh, Pa. Filed Sept. 18, 1925. Serial No. 14,816. Term of patent 7 years.



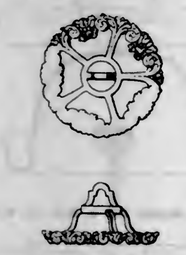
The ornamental design for a display stand for jewelry, as shown.

69,255. DIRECTION-SIGNAL CASING. ELI FRANK CRABTREE, Baltimore, Md. Filed Feb. 23, 1922. Serial No. 548. Term of patent 3½ years.



The ornamental design for a direction signal casing as shown.

69,256. CEILING LIGHT. FRANK S. CROWELL, Toledo, Ohio, assignor to The Edward N. Riddle Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 23, 1925. Serial No. 15,225. Term of patent 7 years.



The ornamental design for a ceiling light, as shown.

69,257. CEILING PLATE. FRANK S. CROWELL, Toledo, Ohio, assignor to The Edward N. Riddle Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 23, 1925. Serial No. 15,226. Term of patent 7 years.



The ornamental design for a ceiling plate, as shown.

69,258. TIRE. LAURENCE B. DAVIS, New York, N. Y., assignor to G. & J. Tire Company, Indianapolis, Ind., a Corporation of Indiana. Filed Aug. 20, 1924. Serial No. 10,508. Term of patent 3½ years.



The ornamental design for a tire, as shown.

69,259. COMBINED SPARK AND THROTTLE CONTROL. HARRY M. DENYES, Saginaw, Mich. Filed Oct. 1, 1924. Serial No. 10,932. Term of patent 14 years.



The ornamental design for a combined spark and throttle control as shown.

69,260. WALL PAPER. ALFRED C. DODMAN, Jr., Summit, N. J., and CORA S. REIBER, New York, N. Y.; said Reiber assignor to said Dodman. Filed Nov. 18, 1925. Serial No. 15,449. Term of patent 14 years.



The ornamental design for wall paper, as shown.

69,261. WALL PAPER. ALFRED C. DODMAN, Jr., Summit, N. J., and CORA S. REIBER, New York, N. Y.; said Reiber assignor to said Dodman. Filed Nov. 18, 1925. Serial No. 15,450. Term of patent 14 years.



The ornamental design for wall paper, as shown.

69,262. BIRD HOUSE. TRACY EVANS and JOHN EVANS, Richmond, Ind. Filed Oct. 21, 1925. Serial No. 15,215. Term of patent 7 years.



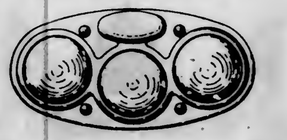
The ornamental design for a bird house as shown.

69,263. FINGER RING OR ARTICLE OF SIMILAR NATURE. LOUIS FIEDLER, New York, N. Y., assignor to Benjamin & Edward J. Gross Co., Inc., New York, N. Y., a Corporation of New York. Filed Nov. 11, 1925. Serial No. 15,403. Term of patent 3½ years.



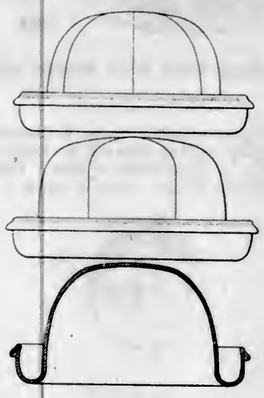
The ornamental design for a finger ring or article of similar nature, as shown.

69,264. FACEPLATE FOR A TAIL LAMP. GEORGE H. FERRIS, Indianapolis, Ind. Filed Oct. 9, 1925. Serial No. 15,074. Term of patent 14 years.



The ornamental design for a faceplate for a tail lamp as shown.

69,265. HAT. ISIDORE GOLDSTEIN, New York, N. Y., assignor to Pekett Headwear Co., a Copartnership composed of Charles W. Pekowsky and Isidore Goldstein, both of New York, N. Y. Filed Oct. 20, 1924. Serial No. 11,128. Term of patent 3½ years.



The ornamental design for a hat, as shown.

69,266. FINGER RING. BENJAMIN GROSS, New York, N. Y., assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y., a Corporation of New York. Filed Nov. 11, 1925. Serial No. 15,402. Term of patent 3½ years.



The ornamental design for a finger ring as shown.

69,267. FINGER RING. BENJAMIN GROSS, New York, N. Y., assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y., a Corporation of New York. Filed Nov. 11, 1925. Serial No. 15,404. Term of patent 3½ years.



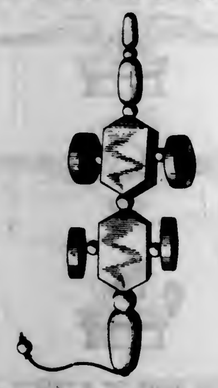
The ornamental design for a finger ring as shown.

69,268. FINGER RING. BENJAMIN GROSS, New York, N. Y., assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y., a Corporation of New York. Filed Nov. 11, 1925. Serial No. 15,405. Term of patent 3½ years.



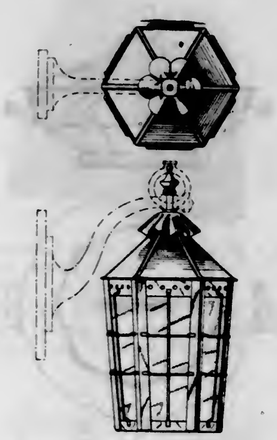
The ornamental design for a finger ring as shown.

69,269. WHEELED TOY. RENS D. GROVE, Middletown, Pa., assignor to Performo-Toy Company, Middletown, Pa., a Corporation of Delaware. Filed Oct. 20, 1925. Serial No. 15,183. Term of patent 7 years.



The ornamental design for a wheeled toy as shown.

69,270. LIGHTING FIXTURE. HARRY J. GRUBER, New York, N. Y. Filed Aug. 19, 1925. Serial No. 14,512. Term of patent 3½ years.



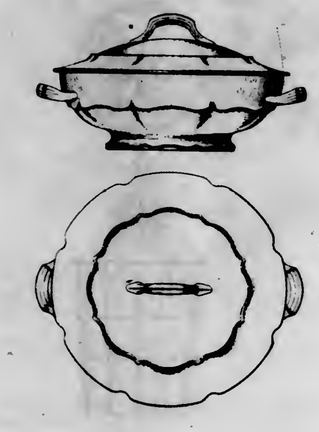
The ornamental design for a lighting fixture, as shown.

69,271. SCALE CASING. CLARENCE H. HAPGOOD, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Sept. 8, 1922. Serial No. 3,658. Term of patent 14 years.



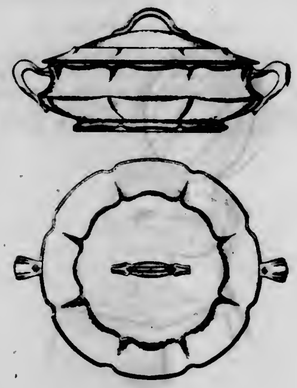
The ornamental design for a scale casing as shown.

69,272. COVERED DISH OR SIMILAR ARTICLE. GEORGE HAVILAND, Limoges, France. Filed Nov. 4, 1925. Serial No. 15,340. Term of patent 3½ years.



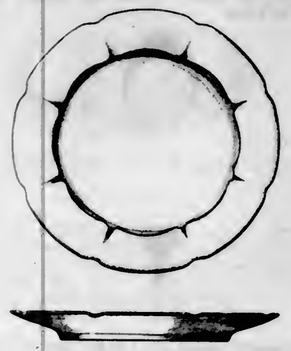
The ornamental design for a covered dish or similar article, as shown.

69,273. COVERED DISH OR SIMILAR ARTICLE. GEORGE HAVILAND, Limoges, France. Filed Nov. 4, 1925. Serial No. 15,341. Term of patent 3½ years.



The ornamental design for a covered dish or similar article, as shown.

69,274. PLATE OR SIMILAR ARTICLE. GEORGE HAVILAND, Limoges, France. Filed Nov. 4, 1925. Serial No. 15,346. Term of patent 3½ years.



The ornamental design for a plate or similar article, as shown.

69,275. FINGER RING OR SIMILAR ARTICLE. JOSEPH L. HERZOG, New Rochelle, N. Y. Filed Aug. 6, 1925. Serial No. No. 14,330. Term of patent 14 years.



The ornamental design for a finger ring or similar article, substantially as shown and described.

69,276. RADIATOR CAP. HARRY T. HOLLINGSHEAD, Chicago, Ill. Filed Sept. 10, 1925. Serial No. 14,746. Term of patent 7 years.



The ornamental design for a radiator cap, substantially as shown.

69,277. CANDY DOLL. JULIUS JOSEPHSOHN, New York, N. Y. Filed Nov. 29, 1924. Serial No. 11,526. Term of patent 14 years.



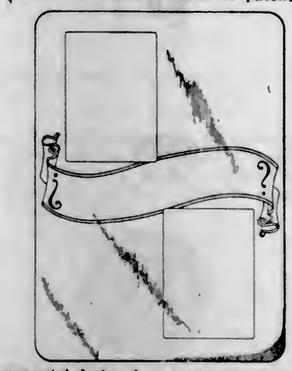
The ornamental design for a candy doll, as shown.

69,278. POINTER KNOB FOR RADIO APPARATUS AND THE LIKE. HENRY J. KASCH, Dayton, Ohio, assignor to The Kurz-Kasch Company, Dayton, Ohio, a Corporation of Ohio. Filed Aug. 31, 1925. Serial No. 14,672. Term of patent 14 years.



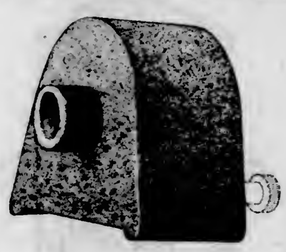
The ornamental design for a pointed knob for radio apparatus and the like, substantially as shown.

69,279. ADVERTISING-CONTEST CARD. GREGOR MELIKOV, Chicago, Ill., assignor to National Advertising Contest Co., a Corporation of Illinois. Filed Sept. 21, 1925. Serial No. 14,837. Term of patent 14 years.



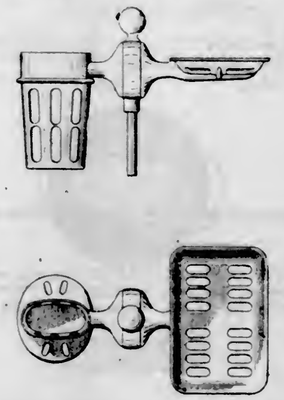
The ornamental design for an advertising contest card, as shown.

69,280. CASING FOR A PHONOGRAPH LOUD-SPEAKER UNIT. DAVID H. MOSS, Newark, N. J., assignor to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Filed Aug. 21, 1925. Serial No. 14,544. Term of patent 14 years.



The ornamental design for a casing for a phonograph loud speaker unit, as shown.

69,281. HOLDER FOR TOILET ARTICLES. ADOLPH O. NELSON, Chicago, Ill. Filed Nov. 14, 1925. Serial No. 15,420. Term of patent 3½ years.



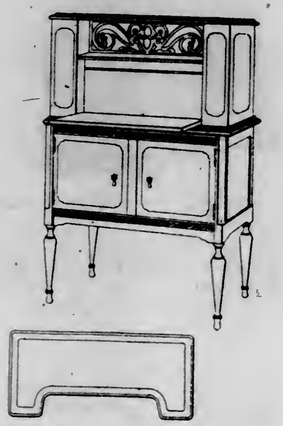
The ornamental design for a holder for toilet articles, as shown.

69,282. CABINET FOR A SOUND-REPRODUCING MACHINE. MARTIN NYSTROM, Chicago, Ill., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del., a Corporation of Delaware. Filed Oct. 13, 1924. Serial No. 11,059. Term of patent 7 years.



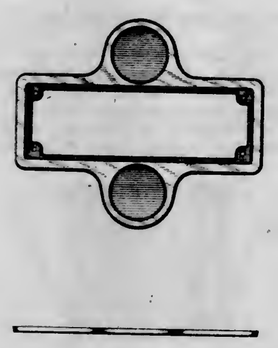
The ornamental design for a cabinet for a sound reproducing machine.

69,283. RADIOCABINET. ALBERT J. D. OHM, New York, N. Y., assignor to Incandescent Supply Company, a Corporation of New York. Filed Sept. 24, 1925. Serial No. 14,886. Term of patent 3½ years.



The ornamental design for a radiocabinet as shown.

69,284. LICENSE-PLATE HOLDER. ALEXANDER RISPEL and LOUIS C. LIEDTKE, Chicago, Ill. Filed Oct. 21, 1924. Serial No. 11,135. Term of patent 3½ years.



The ornamental design for a license plate holder, as shown.

69,285. GEM-SET RING. MEYER L. ROBBINS, New York, N. Y., assignor to Untermeyer, Robbins & Co., New York, N. Y., a Corporation of New York. Filed Oct. 31, 1925. Serial No. 15,313. Term of patent 7 years.



The ornamental design for a gem-set ring, as shown.

69,286. FINGER RING. MEYER L. ROBBINS, New York, N. Y., assignor to Untermeyer, Robbins & Co., New York, N. Y., a Corporation of New York. Filed Oct. 31, 1925. Serial No. 15,314. Term of patent 7 years.



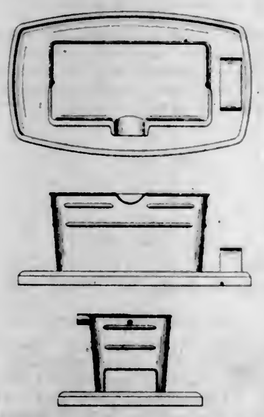
The ornamental design for a finger ring, as shown

69,287. GEM-SET FINGER RING. MEYER L. ROBBINS, New York, N. Y., assignor to Untermeyer, Robbins & Co., New York, N. Y., a Corporation of New York. Filed Oct. 31, 1925. Serial No. 15,316. Term of patent 7 years.



The ornamental design for a gem-set finger ring, as shown.

69,288. ASH RECEIVER. ROBERT A. RUSSELL, Ridgewood, N. J. Filed Nov. 19, 1925. Serial No. 15,473. Term of patent 7 years.



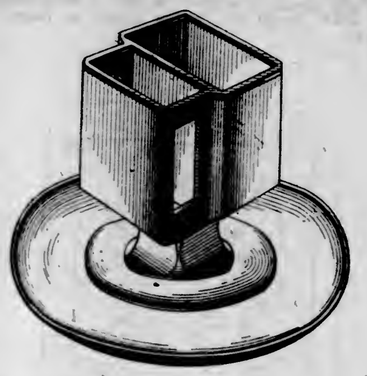
The ornamental design for an ash receiver substantially as shown.

69,289. DRESS-TRIMMING ORNAMENT. MAUDE SIEGEL, New York, N. Y., assignor to Franklin Simon & Co., Inc., New York, N. Y., a Corporation of New York. Filed Aug. 3, 1925. Serial No. 14,302. Term of patent 3½ years.



The ornamental design for a dress trimming ornament, as shown.

69,290. ASH TRAY. CARL T. SLOAN, Wilkinsburg, Pa. Filed Dec. 4, 1925. Serial No. 15,635. Term of patent 3½ years.



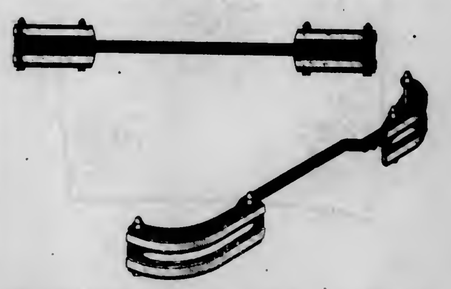
The ornamental design for an ash tray as shown.

69,291. WATCHCASE. ISIDOR TANNENBAUM, New York, N. Y. Filed June 26, 1925. Serial No. 13,912. Term of patent 3½ years.



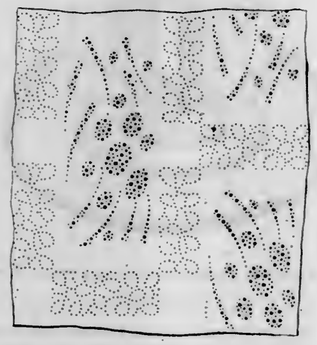
The ornamental design for a watchcase as shown.

69,292. FENDER GUARD FOR VEHICLES. HERBERT W. TINKER, Milwaukee, Wis., assignor to Federal Pressed Steel Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Oct. 30, 1925. Serial No. 15,294. Term of patent 14 years.



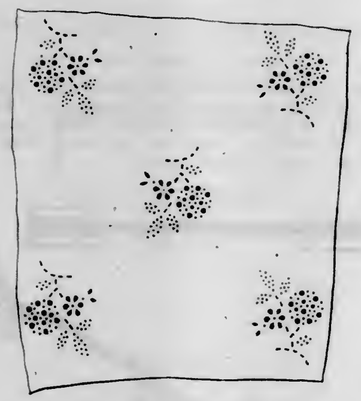
The ornamental design for a fender guard for vehicles, as shown.

69,293. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 23, 1924. Serial No. 11,169. Term of patent 3½ years.



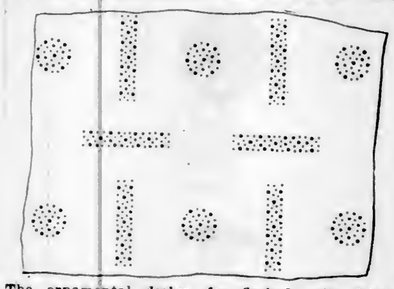
The ornamental design for flocked voile fabric, as shown.

69,294. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 23, 1924. Serial No. 11,170. Term of patent 3½ years.



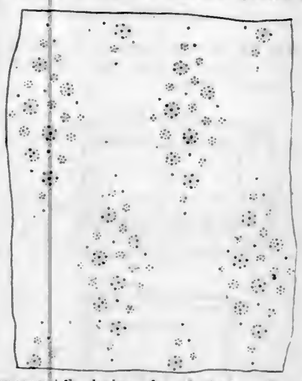
The ornamental design for flocked voile fabric, as shown.

69,295. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 23, 1924. Serial No. 11,171. Term of patent 3½ years.



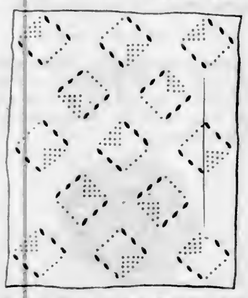
The ornamental design for flocked voile fabric, as shown.

69,296. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 23, 1924. Serial No. 11,172. Term of patent 3½ years.



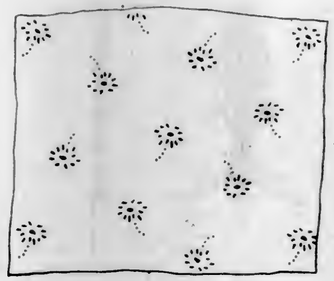
The ornamental design for flocked voile fabric, as shown.

69,297. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 23, 1924. Serial No. 11,173. Term of patent 3½ years.



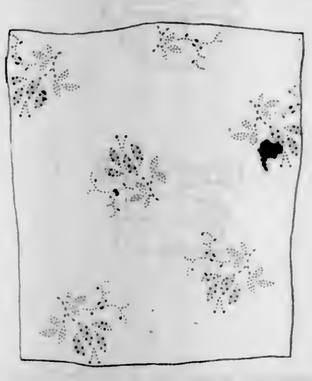
The ornamental design for flocked voile fabric, as shown.

69,298. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 23, 1924. Serial No. 11,176. Term of patent 3½ years.



The ornamental design for flocked voile fabric, as shown.

69,299. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 23, 1924. Serial No. 11,177. Term of patent 3½ years.



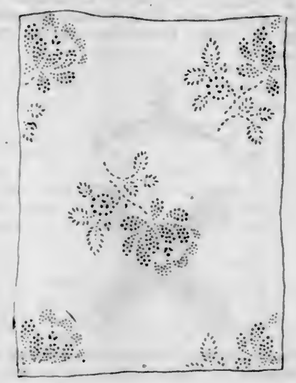
The ornamental design for flocked voile fabric, as shown.

69,300. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 23, 1924. Serial No. 11,180. Term of patent 3½ years.



The ornamental design for flocked voile fabric, as shown.

69,301. FLOCKED VOILE FABRIC. EDWARD B. VANDERGAW, Brooklyn, and JULES HEINRICH, New York, N. Y., assignors to Fred Butterfield & Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 23, 1924. Serial No. 11,181. Term of patent 3½ years.



The ornamental design for flocked voile fabric, as shown.

69,302. BASE FOR PORTABLE ELECTRIC LAMPS. GUSTAVE E. VILLARET, Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y., a Copartnership. Filed Apr. 14, 1925. Serial No. 13,116. Term of patent 7 years.





The ornamental design for a base for portable electric lamps, as shown.

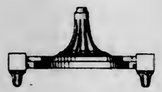
69,303. BASE FOR PORTABLE ELECTRIC LAMPS. GUSTAVE E. VILLARET, Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y., a Copartnership. Filed Apr. 14, 1925. Serial No. 13,117. Term of patent 7 years.





The ornamental design for a base for portable electric lamps, as shown.

69,304. BASE FOR PORTABLE ELECTRIC LAMPS. GUSTAVE E. VILLARET, Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y., a Copartnership. Filed Apr. 14, 1925. Serial No. 13,118. Term of patent 7 years.





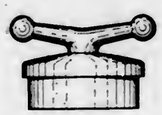
The ornamental design for a base for portable electric lamps, as shown.

69,305. PEDESTAL FOR PORTABLE ELECTRIC LAMPS. GUSTAVE E. VILLARET, Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y., a Copartnership. Filed Nov. 17, 1925. Serial No. 15,436. Term of patent 7 years.



The ornamental design for a pedestal for portable lamps, as shown.

69,306. CAP FOR GASOLINE TANKS. OSCAR B. WELKER, Middletown, Conn., assignor to The Welker-Hoops Manufacturing Company, Middletown, Conn., a Corporation of Connecticut. Filed July 25, 1925. Serial No. 14,226. Term of patent 14 years.

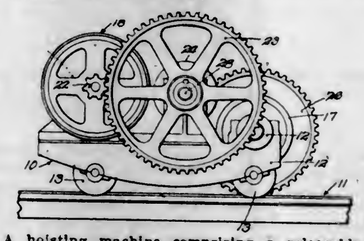


The ornamental design for a cap for gasoline tanks, as shown.

PATENTS

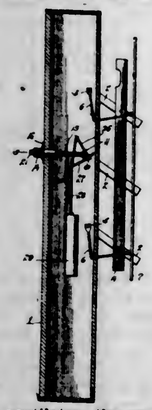
GRANTED JANUARY 19, 1926.

1,569,846. HOISTING MACHINERY. CHRISTIAAN W. AVELING, Lockport, Ill., assignor to Julia Aveling, Lockport, Ill. Filed Sept. 8, 1922. Serial No. 586,864. 12 Claims. (Cl. 254—173.)



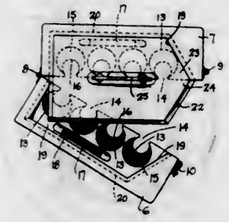
1. A hoisting machine comprising a releasable load-grasping device, a holding drum, a lacing drum for controlling the releasing and grasping of said load-grasping device, a single motor for controlling both of said drums, transmission means between said motor and said drums including a delayed action transmission between the motor and holding drum, whereby the lacing drum may be given a limited movement, without any movement of the holding drum, to control the grasping and releasing of said load-grasping device, said transmission means including also an impositive drive between said motor and holding drum whereby in grasping the load an impositive force is exerted on the holding rope, permitting the holding rope to pay out, to allow the grasping device to dig into the material to be loaded, and exerting a yielding force to facilitate starting the movement of the holding drum, said transmission means including also a positive drive between the motor and the holding drum and means whereby said impositive drive is effective during the grasping operation of the load grasping device and whereby said positive drive is effective during the raising movement of the load.

1,569,847. AUTOMATIC WINDOW VENTILATOR. VICTOR M. ALLEN, Waverly, N. Y. Filed Aug. 14, 1920. Serial No. 403,567. 7 Claims. (Cl. 98—31.)



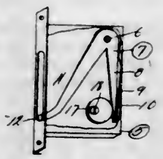
1. In a window ventilator, the combination of a plurality of pivotally mounted panels, means for causing the panels to move in unison, yieldable means to hold the panels normally in open position, and blast-receiving plates disposed at the ends of the panels and connected with some of them whereby to close the panels under abnormal wind pressure.

1,569,848. GAME-CHIP RACK. EUGENE BLACK, New York, N. Y. Filed June 12, 1925. Serial No. 36,585. 5 Claims. (Cl. 273—148.)



1. A game piece rack comprising hinged portions, a single cover for said hinged portions, and an undercut means formed in the edge of said portions and engaging said cover whereby the cover is rendered immovable after the hinged portions are swung together.

1,569,849. WINDOW-SASH FASTENER. BYRON E. BOWLES, Council Bluffs, Iowa. Filed Nov. 10, 1924. Serial No. 748,913. 1 Claim. (Cl. 292—124.)

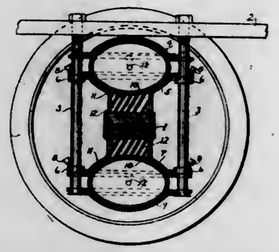


The combination with a window sash, said sash being slidably mounted in a window frame, of a locking device for said sash, said device comprising a casing mortised in the side of the sash and having its outer side open, an inverted V-shaped lever pivotally mounted within the casing adjacent its upper inner corner, said lever having a downwardly extending arm adjacent the rear side of the casing, a leaf spring disposed within the casing and normally forcing said arm outwardly at its free end, a downwardly and outwardly extending arm carried by the V-shaped lever, said last named arm terminating in an angularly shaped member cooperating with the window frame, a cam rotatably mounted within the casing between the arms and cooperating with the first mentioned arm for forcing the same inwardly against the action of the leaf spring, said cam having its opposite sides provided with bosses rotatably mounted in opposite walls of the casing, one of said bosses registering with an aperture in the sash and provided with key receiving means.

1,569,850. PNEUMATIC AUTOMOBILE SPRING. EDWARD EVERETT COTHRAN, Wright, Calif. Filed Sept. 14, 1921. Serial No. 500,538. 2 Claims. (Cl. 267—65.)

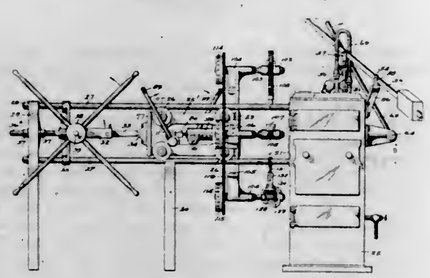
1. In a pneumatic spring of the character described and in combination, a vehicle axle, a chassis frame member, a pair of spaced vertically disposed elongated bolts fixed to the frame member and extending downwardly on opposite sides of the axle; a semi-elliptically shaped metal plate, having a square depression therein, fixed to the top of said axle; a semi-elliptically shaped metal plate, having a square elevation therein, fixed to the bottom of said axle; opposite sides of each of said plates being fixed to said bolts with collars; a pneumatic

elliptically shaped bag with a square and solid rubber lug vulcanized to the bottom of said bag seated in said square depression in said plate fixed to the top of said axle; a pneumatic elliptically shaped bag with a square and solid rubber lug vulcanized to the top of said latter bag seated in said square elevation in said plate fixed to the bottom of said axle; said plates having a sliding connection



around said bolts through lubricated ball-bearings set in said collars integral with and upon opposite sides of each of said plates; a semi-elliptically shaped metal plate fixed to said bolts on opposite sides of said axle and covering said bag above said axle; a semi-elliptically shaped metal plate fixed to said bolts on opposite sides of said axle and supporting said bag below said axle.

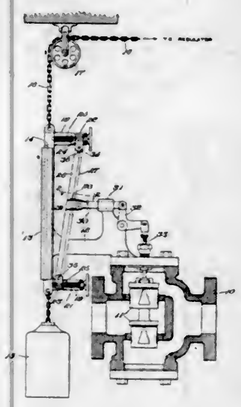
1,569,851. DIE-CASTING MACHINE. JOHN B. BUSHNELL, Berkeley, Calif., assignor to Bushnell Manufacturing Co. Inc., Berkeley, Calif., a Corporation of California. Filed Oct. 2, 1922. Serial No. 591,713. 28 Claims. (Cl. 22—69.)



2. In a die casting machine, a stationary die head, a carriage, a movable die head fastened to the carriage, rollers for the carriage, and means for adjusting the center of the rollers with respect to the carriage.

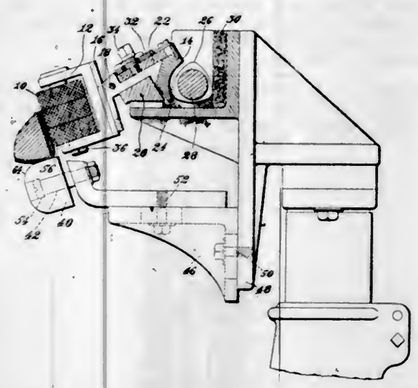
1,569,852. VALVE MECHANISM. HAROLD L. COLBY, Milton, Mass., assignor to Charles W. McConnel, Boston, Mass., Eldon MacLeod, Westwood, Mass., and Fannie Burr Look, Los Angeles, Calif., trustees, doing business as Mason Regulator Company, Boston, Mass. Filed Nov. 7, 1923. Serial No. 673,390. 5 Claims. (Cl. 137—139.)

1. The combination with a valve, of an operating member therefor having a predetermined range of operative movement, and means connecting said operating member and valve for causing opening or closing movements of said valve proportional in amount to the extent of movement of said operating member throughout the range of operative movement of the latter, said connecting means being adjustable to vary the limits of movement of



said valve in either or both directions and thereby the extent of movement of said valve corresponding to a given movement of said operating member.

1,569,853. METHOD OF AND MACHINE FOR OPERATING UPON SHOES. CHARLES DE MINICO, Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Sept. 20, 1919, Serial No. 325,237. Renewed Jan. 11, 1924. 37 Claims. (Cl. 12—51.)



1. The method of operating upon a shoe the marginal portion of the upper of which is held by adhesion to the insole, which consists in moving said portion of the upper relatively to the insole in a direction to tighten the upper against the last, and applying successive pounding impulses to said portion in a direction to promote adhesion as the upper is being tightened as aforesaid.

1,569,854. ABRASIVE MITT. GEORGE W. DOERR, Orange, N. J. Filed Apr. 16, 1923. Serial No. 632,322. 2 Claims. (Cl. 15—227.)

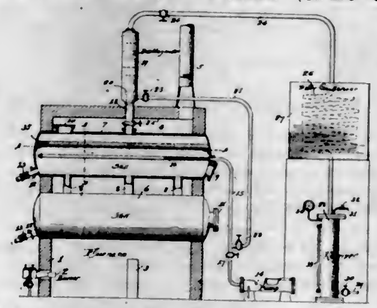
1. An abrasive mitt, comprising a sheet of course textile fabric webbing having cut sides and selvaged ends, a

padded layer of steel wool secured to said webbing between its selvaged ends, said webbing being folded upon itself midway between its selvaged ends and having its



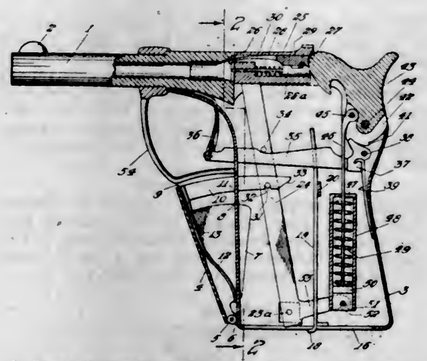
folded cut edges separately united to form a pocket for the hand, with said steel wool covering both faces of the completed mitt.

1,569,855. PROCESS OF TREATING OIL. GUSTAV EGLOFF and HARRY P. BENNER, Independence, Kans., assignors to Universal Oil Products Company, Chicago, Ill., a Corporation of South Dakota. Filed Aug. 20, 1920. Serial No. 404,902. 5 Claims. (Cl. 196—96.)



1. A process of treating hydrocarbon oils, comprising introducing a supply of oil to a still, in heating the still, in passing the vapors generated from the oil in the still through a filtering bed located in the vapor space of the still above the oil lever and above the oil inlet thereto, in subjecting the vapors to dephlegmation in discharging uncondensed vapors and in returning reflux condensate to the still below the filter bed.

1,569,856. AUTOMATIC PISTOL. JOHAN EMIL ERIKSEN, Oslo, Norway. Filed May 11, 1925. Serial No. 29,464. 4 Claims. (Cl. 42—7.)



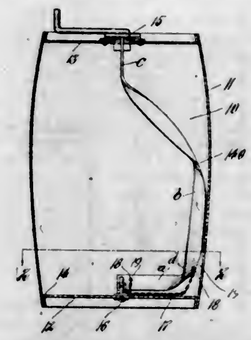
1. In an automatic pistol, a handle grip, an extension therefor movable relatively thereto, cocking levers carried by said extension and extending into said handle grip, a breech block, a firing pin carried thereby, a hammer contiguous to said breech block, releasable connection between said breech block and cocking levers, a trigger, a sear operatively connecting said trigger and hammer, and recoil mechanism connecting said releasable connection and hammer whereby the latter is automatically cocked after each discharge of the pistol.

1,569,857. FENCEPOST DRIVER. CARL A. FARR, De Kalb, Ill., assignor to The American Steel and Wire Company of New Jersey, a Corporation of New Jersey. Filed Aug. 5, 1924. Serial No. 730,302. 3 Claims. (Cl. 61—77.)



3. A one-man fence post driving apparatus comprising a tubular open-ended sleeve member adapted to have a sliding fit on the post to be driven and to be mounted on the post so as to expose the upper end of the post, means for locking said sleeve in position on said post, and a driving member comprising a tubular shank portion of greater diameter than said sleeve and adapted to fit over and slide freely on said sleeve, and having a solid heavy upper end adapted to deliver driving blows to the upper end of the post when said driving member is reciprocated.

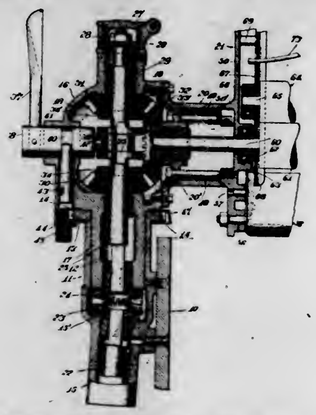
1,569,858. BARREL AGITATOR. CHARLES E. FARRINGTON, Phoenixville, Pa. Filed May 22, 1924. Serial No. 715,095. 3 Claims. (Cl. 259—107.)



1. An agitator for a barrel or like container, comprising an arm revoluble about the axis of the container and extending outwardly from said axis toward the side wall of said container and thence upwardly, and a flexible scraper having its ends attached to the arm and depending therefrom, so as to be dragged thereby over the bottom of the container when the arm is revolved,

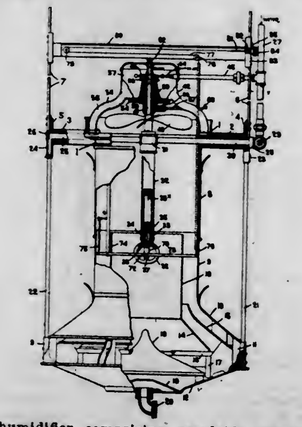
such scraper being of such length that its intermediate portion may operate in the angle formed by the bottom and side wall of the container.

1,569,859. WASHING-MACHINE WRINGER. ALVA J. FISHER, Evanston, Ill., assignor to Hurley Machine Company, Chicago, Ill., a Corporation of Illinois. Filed May 7, 1921. Serial No. 467,546. 2 Claims. (Cl. 68—32.)



2. In a power driven swinging wringer-structure, the combination of a vertically bored standard having a notched flange, a head bearing on said flange and having a stem entering said bore, a vertical shaft member carried by said head, a wringer structure carried by said head and having a horizontal shaft, reversible gearing between said head-shaft and wringer shaft, latch-means for engaging the standard-flange notches to position the wringer-structure, a spring-receptive cap detachably carried by the head and engaging under the flange, and a spring in said cap for normally pressing the latch toward releasing position.

1,569,860. HUMIDIFIER. WILLIAM B. HODGE, Charlotte, N. C., assignor to Parks-Cramer Company, Boston, Mass., a Corporation of Massachusetts. Filed Dec. 17, 1920. Serial No. 431,521. 15 Claims. (Cl. 261—115.)

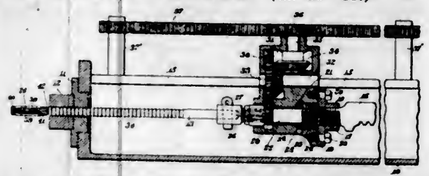


1. A humidifier comprising regulable spray-producing means, means to project a blast of air through the spray including an enclosed water motor and a fan operable thereby located between said water motor and said spray-producing means and means for conducting away the waste water from the motor externally of the field of spray.

1,569,861. PROCESS OF PREPARING CEREAL FOOD. JOHN LEONARD KELLOGG, Battle Creek, Mich., assignor, by mesne assignments, to Kellogg Company, Battle Creek, Mich., a Corporation of Delaware. Filed Nov. 28, 1922. Serial No. 603,863. 2 Claims. (Cl. 99—11.)

1. The process of preparing a cereal food which comprises cooking bran under pressure in a closed receptacle, and adding flavoring material thereto during such cooking.

1,569,862. BROACHING MACHINE. FRANCIS J. LAPOINTE, Ann Arbor, Mich. Filed Mar. 11, 1924. Serial No. 698,548. 12 Claims. (Cl. 90—33.)



1. In a machine of the class described, a reciprocating head; a broach reciprocating therewith having a plurality of annular cutting teeth on its periphery; and means carried by said head for rotating the broach during its reciprocation.

1,569,863. CUP HOOK AND SUPPORT. CHRISTOPHER J. LAWLESS, Ericson, Nebr. Filed Apr. 19, 1924. Serial No. 707,636. 1 Claim. (Cl. 65—13.)



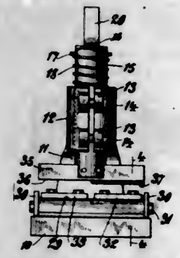
The combination with a cup, a handle member carried by said cup, a supporting hook carried by said handle member at its lower side and adapted to receive a support for the cup and hold the cup in substantially a horizontal position, said handle member and hook being formed from a single piece of metal bent upon itself to form the hook, said hook extending outwardly in the same direction as the handle and engaging the under side of the handle.

1,569,864. ELECTRIC SWITCH. HENRY E. LEPPERT, New Britain, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a Corporation of Connecticut. Filed Aug. 4, 1925. Serial No. 48,044. 6 Claims. (Cl. 200—168.)



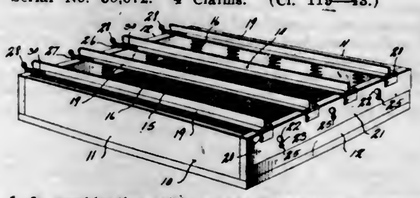
1. A snap switch comprising a yoke, an operating lever extending through said yoke, a slide having a hooked connection with said yoke and a loose connection with said lever.

1,569,865. COLLAPSIBLE-TUBE-CLOSING APPARATUS. HERMAN B. LERMER, Newark, N. J., assignor to Hygienic Tube Co., Newark, N. J., a Corporation of New Jersey. Filed Feb. 12, 1925. Serial No. 8,616. 5 Claims. (Cl. 113—54.)



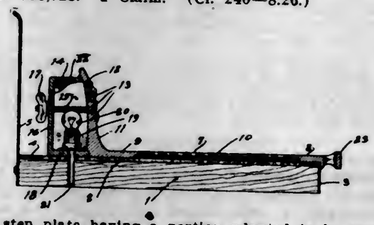
1. A portable seaming apparatus for closing collapsible tube ends comprising a stand, a spring supported plunger slidable therein, a die block on said stand, said block having a narrow longitudinal groove, a bar carried by said plunger to indent the tube end by pressing it into the groove, and a manually operable lever to actuate said plunger.

1,569,866. EGG TRAY FOR INCUBATORS. PETER LIEUWEN, Harrison, S. Dak. Filed Aug. 13, 1925. Serial No. 50,072. 4 Claims. (Cl. 119—43.)



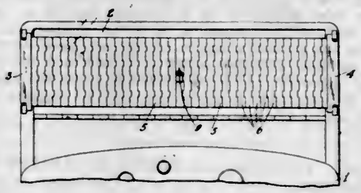
1. In combination with an egg tray having relatively deep side and end walls and a screened bottom upon which the eggs may rest, a structure removably secured to the egg tray comprising an upper structure overlying the upper edge of the tray, a plurality of transversely and longitudinally spaced springs secured to the upper structure and extending downwardly therefrom and a flexible screen secured to the lower ends of the springs for engaging the upper surface of the eggs, said top structure including a plurality of papallel bars adapted to overlie the upper end of the tray, an attaching bar to which the ends of the first named bars are secured, means detachably connecting the attaching bar to one wall of the incubator tray from which the bar is unremovable while the first named bars overlie the top of the tray and means at the opposite ends of the first named bars for detachably securing the first named bars to the opposite wall of the tray.

1,569,867. ILLUMINATED STEP PLATE. WILLIAM LINDSAY, Denver, Colo. Filed Dec. 18, 1924. Serial No. 756,725. 1 Claim. (Cl. 240—8.26.)



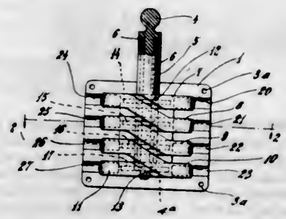
A step plate having a portion adapted to be secured to the upper surface of a running board, a stop wall projecting upwardly from one edge of said surface, said wall having a plurality of openings, lenses in said openings, a casing adapted to be secured to the rear surface of said wall, said casing having a bottom member adapted to rest upon the running board, an electric socket secured to the bottom and means comprising bolts for securing the casing to the stop wall.

1,569,868. ANTITHEFT DEVICE. HENRY LOEB, New York, N. Y. Filed May 20, 1924. Serial No. 714,573. 3 Claims. (Cl. 296—84.)



1. In combination with a windshield, casings secured at the sides thereof, spring members within said casings, said spring members normally curved slightly away from their point of attachment to the casings, sheet metal plates pivoted to one another and to said spring members, means to secure certain of said plates, within each casing and means to lock the said plates in extended position across the vision portion of said windshield.

1,569,869. CONNECTER SWITCH. FREDERICK P. McINTOSH, New York, N. Y., assignor to Kar Engineering Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 9, 1922. Serial No. 580,677. 9 Claims. (Cl. 179—91.)



5. In a connecter, a base, a first and second switching contact projecting from said base, a contact spring connected with the first switching contact, and having an end terminating at one side of said base, three contact springs extending from one side of said base to the opposite side, a fifth contact spring connected with the second switching contact and having an end terminating at the opposite side of the base, a plurality of conductors each contacting at one end with the end of a spring at one side of the base and at the other end with the end of the adjacent spring at the opposite side of the base, apertures in the two sides of the base in alinement with the ends of the contact springs and through which the contact springs may be engaged and separated from the cooperating conductor end.

1,569,870. PROCESS FOR REFINING OILS. JACQUE C. MORRELL, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a Corporation of South Dakota. Filed Aug. 28, 1922. Serial No. 584,870. 1 Claim. (Cl. 196—33.)

A step in a process for refining and purifying mineral oil, consisting in subjecting the oil to the action of alkali metal plumbite in water solution, in then removing substantially all the alkali metal plumbite solution from the oil, in then treating the freed oil with a metallic

sulphide capable of hydrolyzing in water to complete the reaction of the plumbite solution, and in then removing the separated precipitate and sulphide compounds.

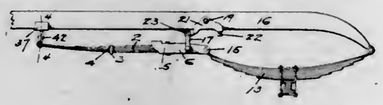
1,569,871. PROCESS FOR REFINING HYDROCARBON OIL. JACQUE C. MORRELL, Chicago, Ill., assignor to The Universal Oil Products Company, Chicago, Ill., a Corporation of South Dakota. Filed Aug. 31, 1922. Serial No. 585,550. 2 Claims. (Cl. 196—33.)

1. A step in a process for refining or purifying hydrocarbon oils, consisting in subjecting the oil to treatment with sodium plumbite in water solution, in extracting the sodium plumbite solution, in then introducing a sulphide in water solution, withdrawing the products of this reaction and then introducing a flocculating agent to precipitate the other products of reaction, and in then withdrawing the precipitated material.

1,569,872. PROCESS FOR REFINING CRACKED HYDROCARBON OIL. JACQUE C. MORRELL, Chicago, Ill., assignor to The Universal Oil Products Company, Chicago, Ill., a Corporation of South Dakota. Filed Aug. 31, 1922. Serial No. 585,551. 2 Claims. (Cl. 196—33.)

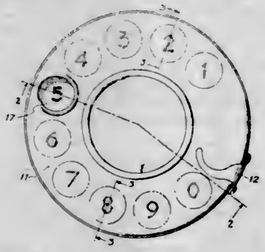
1. A step in a process for refining hydrocarbon oil consisting in subjecting the oil to an alkali metal plumbite in water solution, agitating the mixture, in then extracting the plumbite solution from the oil, in then introducing sulphide in water solution to the oil to assist the reaction caused by the plumbite, in then removing the sulphide with any products of reaction.

1,569,873. SHOCK ABSORBER FOR VEHICLES. SAMUEL A. MOSS, Oakland, Calif. Filed Oct. 3, 1921. Serial No. 504,925. 3 Claims. (Cl. 267—19.)



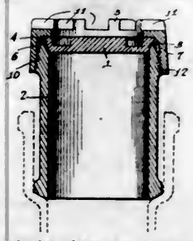
1. A shock absorber for vehicles comprising a multiple leaf spring of gradually increasing flexibility from a base to a flexible end, a housing having a socket therein in which said base is disposed, a transverse rib on the wall of said socket and a bolt extending through the base of the spring in the socket and pressing the spring against said rib.

1,569,874. INDICATING MEANS FOR CALLING DIALS. NEAL D. NEWBY, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 14, 1923. Serial No. 680,732. 5 Claims. (Cl. 179—90.)



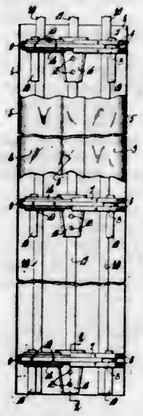
1. In a calling device the combination of a numbered member, of a finger wheel having a number of finger-holes corresponding to the numbers on said member, another wheel mounted on the finger wheel and independently operable for selecting one of said numbers and means carried by the selecting wheel for indicating the number selected after each operation of said finger wheel.

1,569,875. CLOSURE FOR PIPES, VALVES, AND OTHER VESSELS. HORACE CHARLES NIXON, Saskatoon, Saskatchewan, Canada. Filed May 3, 1920. Serial No. 378,540. 3 Claims. (Cl. 137—76.)



1. A closure of the character described comprising a tubular metal member having one end beveled off in opposite directions providing a double tapered terminal and exteriorly threaded below said beveled portion, a plate closure for said end comprising a metal disc having an annular flange projecting from its upper face at its periphery, the outer face of said flange tapered to fit tightly within the tapered end of the tube, an annular lip oppositely tapered and pendent from the upper edge of said flanges and adapted to fit fluid tight over the outer taper of said end, and an internally threaded metallic cap adapted to engage the said exteriorly threaded portion, and engage and secure the plate closure in position to form an inner and outer seal of the tapered end.

1,569,876. CONCRETE FORM. HAROLD ELWIN NOYES, Claremont, N. H. Filed Mar. 24, 1923. Serial No. 627,287. 38 Claims. (Cl. 25—128.)



1. A concrete form comprising form carrying sections having form portions telescopic in intersecting directions, and separate internal wedge mechanisms for moving the same in each directions.

1,569,877. APPARATUS FOR MAINTAINING CONSTANT TEMPERATURE ON A PORTION OF THE BODY. SAMUEL LOGAN OWENS, Washington, D. C. Filed July 3, 1924. Serial No. 723,980. Renewed Dec. 1, 1925. 2 Claims. (Cl. 128—258.)

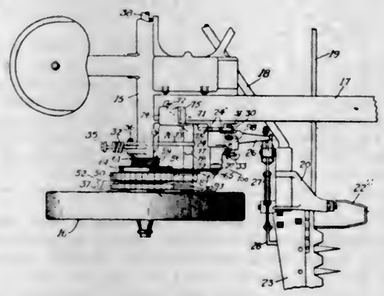
1. A container of the class described comprising a tubular member of resilient material closed at one end,

elements adapted to effectually close the open end of the member, said elements comprising wide flaps arranged oppositely on the sides of the tubular member, and means for fixedly securing said member to a part of the human or animal body, said means including ears arranged oppositely along the sides of the tubular member below



said elements and another ear at the closed end of the member and cords adapted to be tied around the container at suitable places and to said ears thereby dividing the container into a plurality of substantially non-communicating compartments, thus breaking up the wave motion of the contents.

1,569,878. POWER LIFT FOR MOWER BARS. CHARLES PEARSON, Chicago, Ill., assignor to International Harvester Company, a Corporation of New Jersey. Filed Sept. 19,1921. Serial No. 501,812. 21 Claims. (Cl. 56—273.)

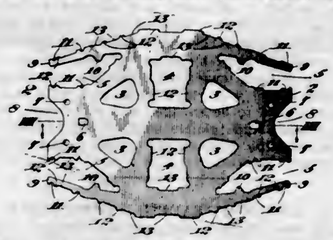


1. A mower including in combination a frame, a cutting mechanism pivotally connected to said frame, adjusting mechanism for said cutting mechanism, and power actuated resilient means for adjusting said cutting mechanism when said mower is in a standing position.

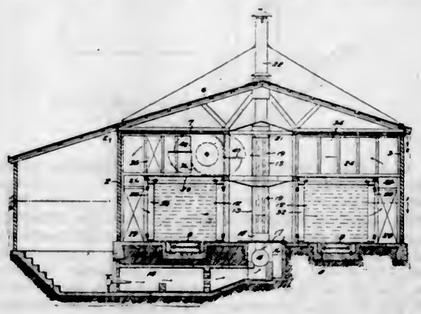
21. A mower including in combination a frame, traction wheels therefor, a cutting mechanism pivotally connected to said frame, adjusting mechanism for said cutting mechanism, traction power storing mechanism on said frame comprising a spring, means for tensioning said spring comprising a member rotatable with said wheel and to which the spring is attached, means controlled by the tension of said spring for connecting and disconnecting said member and wheel, and operating connections between said storing mechanism and adjusting mechanism.

1,569,879. MAKING SIDE FRAMES. LINDSAY C. PRITNER and HENRY C. DORRIS, Johnstown, Pa. Filed Aug. 15, 1922. Serial No. 581,929. 9 Claims. (Cl. 29—164.)

1. The steps in the method of forming a pressed metal side frame, which consists in taking a plain plate, simultaneously cutting the margins thereof and the openings therein, then die forming flanges around the margins of certain portions of said plate and certain of the openings therein, then bending said plate about its intermediate portion in such a way as to place the flanges of the two halves substantially opposite each other, and welding the halves together at the flanges.

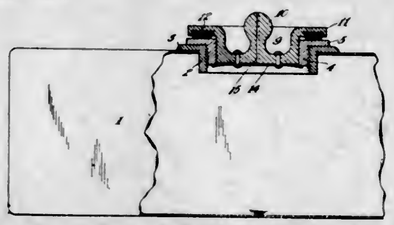


1,569,880. DRYING APPARATUS. CLAUDE REES and CHARLES F. HINE, San Francisco, Calif. Filed Oct. 22, 1924. Serial No. 745,147. 18 Claims. (Cl. 34—19.)



1. A drying apparatus comprising a house, two parallel tracks arranged in the house and adapted to receive trucks loaded with tiers of trays containing the material to be dried, a horizontal partition dividing the house into upper and lower chambers, a heater arranged in the house between the two tracks and disposed in both chambers and means for circulating air through the two chambers serially.

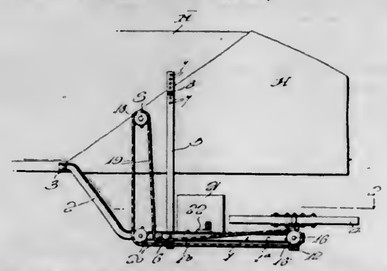
1,569,881. TANK OR CAN CLOSURE. JAMES S. REID, Cleveland, Ohio, assignor to The Easy-On Cap Company, Cleveland, Ohio, a Corporation of Ohio. Filed Mar. 30, 1920. Serial No. 369,909. 1 Claim. (Cl. 220—40.)



In a closure device of the type having a tubular member with spaced recesses and cam portions and a cap member with gasket means for engaging the top portion of the tubular member with sealing effect, an improved cap member provided with a locking member extending across the underside of said cap member and secured

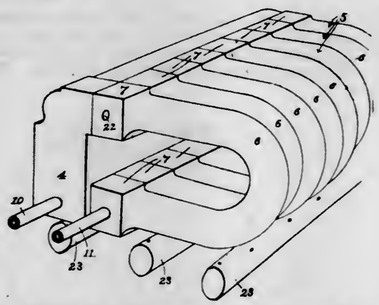
thereto, said locking member and cap member being provided with vent means therethrough, said locking means having spaced individually acting spring end portions extending radially outwardly and adapted to enter the recesses of the tubular member and engage the cam portions thereof upon relative rotation of said cap and tubular members, whereby when the cap member is applied to the tubular member the yielding end portions of the locking means will yield freely and fully and cause the gasket means to be engaged and compressed between the cap member and tubular member with sealing effect but without undue compression of the gasket means.

1,569,882. STRAW-SPREADING ATTACHMENT. WILLIAM F. RESCHKE, Wichita, Kans., assignor to International Harvester Company, Chicago, Ill., a Corporation of New Jersey. Filed Sept. 5, 1922. Serial No. 586,371. 3 Claims. (Cl. 275—8.)



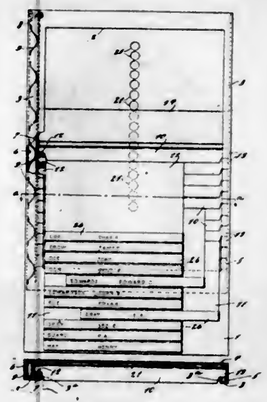
1. A straw spreading attachment for harvester threshers comprising a frame having side bars mounted on the rear end of the harvester thresher for pivotal movement about a horizontal axis, a rotatable distributer carried on a transverse shaft mounted between said side bars, means on said side bars adjacent the shaft whereby said distributer may be tilted in a plurality of planes on the axis of said shaft transverse to the line of travel of the machine, the same means adapted for clamping said distributer in any of such tilted positions.

1,569,883. COMBINATION BURNER AND GENERATOR. CHARLES C. RICHARDSON, New York, N. Y., by process of law assignor to Hydrola Heater Corporation, a Corporation of New Jersey. Filed Jan. 2, 1923, Serial No. 610,086. Renewed Oct. 22, 1923. 6 Claims. (Cl. 158—56.)



1. A generator unit comprising a U-shaped body portion having the ends thereof squared, the opposite side faces of said ends having an opening therein, and the opposite side faces of said unit arranged to contact with the faces of a second unit, said unit having the squared ends thereof disposed in parallel relation relative to each other.

1,569,884. VISIBLE-INDEX DEVICE. WILLIAM A. RINGLER, New York, N. Y., assignor to The Globe-Wernicke Company, a Corporation of Ohio. Filed Mar. 22, 1920. Serial No. 367,617. 7 Claims. (Cl. 129—16.)



1. An index device comprising a frame having guideways along opposite sides thereof, a plurality of index cards, carriers disposed in said guideways and supporting each of said cards for sliding movement laterally of the frame and for pivotal movement about the axis of support to position any card so as to enable the ready entry of information upon either face thereof without removal of the member from the frame.

4. A visible index device comprising a frame having guideways along opposite sides thereof and also having a series of spaced apertures in the rear wall thereof and extending parallel with the guideways, a plurality of index members slidably mounted in said guideways, a bar also slidably mounted in said guideways and adapted to hold the index members together in one end of the frame, and a spring device carried by the bar and engageable in any of the apertures to retain the bar in adjusted positions.

6. A visible index member comprising a card carrier of spirally rolled sheet material, the overlapping edges of the carrier being spaced a short distance apart, a card having a narrow portion of one edge bent at an angle to the face thereof, the body of said card being slidable between the overlapping edges of the carrier with the bent narrow portion within the spiral.

7. A blank for use with a visible index comprising a sheet of pliant material capable of receiving written or printed information, said sheet having lines of perforations extending transversely thereof at spaced distances along the same in order to facilitate separation of the sheet at the desired places into individual cards, said sheet also being scored transversely thereof a short distance from each end and a short distance from each side of each of the lines of perforations, whereby any desired data or information may be first typewritten at suitable intervals along the length of the sheet, the sheet separated along the lines of perforations, and bent along the scoring substantially as described.

1,569,885. SLED. IDE L. ROBBLEE, Southbridge, Mass. Filed July 9, 1923. Serial No. 650,373. 1 Claim. (Cl. 280—25.)

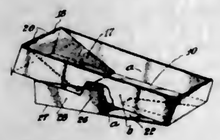
In a sled, an unbent flexible runner, an unbent top piece having a seat portion joined at the forward end of the runner and forming an angle therewith, an inflexible pedestal piece between the top piece and the runner intermediate the ends of the runner and top piece, rigidly

secured to the top piece to prevent lateral movement of the pedestal, but free and unsecured as respects the runner and so positioned with respect to the seat portion



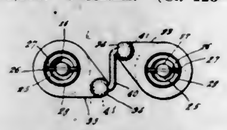
that the weight of the operator on the seat portion will bend up the front end of the runner to form the usual upturned runner portion, and at the same time provide a resilient seat for the operator.

1,569,886. DISPLAY RECEPTACLE. BENJAMIN ROSENBERG, Brooklyn, N. Y. Filed Feb. 25, 1922. Serial No. 539,127. 4 Claims. (Cl. 206—44.)



1. A receptacle comprising a body having lateral extensions capable of being folded longitudinally thereof to form side walls, the latter being collapsed upon themselves and capable of being united at their ends, and a cover hinged midway of its length and being movably and integrally connected to one end of said body and provided with lateral extensions capable of being folded with respect to the cover and united at their ends, said extensions projecting to a point short of the length of said cover and capable of embracing the opposite side walls of the body when the cover is moved into position to cover the body of the box or into position beneath the body to elevate the latter.

1,569,887. POPPET-VALVE ROTATOR. CHARLES E. SARGENT, Rock Island, Ill. Filed July 15, 1922. Serial No. 575,355. 6 Claims. (Cl. 123—90.)



5. In combination, two poppet valves arranged to operate dis-simultaneously, a sleeve on the stem of each of said valves, means interposed between each sleeve and its valve-stem for causing turning of the valve-stem and valve in one direction but not in the other upon oscillation of its associated sleeve, and a crank connecting the sleeves of the two valves to cause the oscillation of each sleeve about its axis as the associated valves are respectively operated.

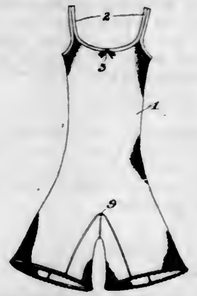
1,569,888. STEERING WHEEL. HARRY E. SHELLER, Portland, Ind. Filed Oct. 26, 1923. Serial No. 670,962. 1 Claim. (Cl. 74—33.)

A steering wheel having a rim portion and a plurality of spokes, a collar connecting the inner ends of said entire wheel including said spokes, said rim portion, spokes and collar being composed of an inner layer or core of vulcanized rubber with a filler having an outer layer of rubber adapted to present a smooth uninterrupted surface over the entire wheel in combination with a metallic hub disposed within said collar during vulcanization of the wheel, to be permanently united thereto,



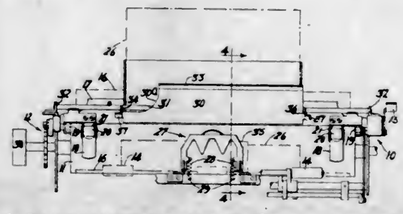
said metallic hub being provided on its periphery with a plurality of staggeredly positioned projections for causing a permanent interlocking engagement between said collar and said metallic hub.

1,569,889. LADY'S UNDERGARMENT. WALTER L. SIEWERS, Winston-Salem, N. C., assignor to The Maline Mills Company, Winston-Salem, N. C., a Corporation of North Carolina. Filed July 12, 1924. Serial No. 725,707. 1 Claim. (Cl. 2—78.)



In combination with a tubular bifurcated nether garment slit in the middle, at the front and back, from the bottom thereof for a short distance thereabove, a substantially pentagonal crotch insert, composed of a pair of pentagonal elements, each of said elements having a re-entrant angle, such elements being stitched together along the edges forming the re-entrant angle, thereby causing the resultant insert to be of substantially pentagonal shape and warped so as to conform to the contour of the body adjacent the crotch, the seam produced by stitching such elements together running from front to back of the garment transversely of the crotch, the insert being free from seams vertically of the legs, the insert extending at a relatively high point at the back of the garment to constitute a seat for the same, and the elements of such insert extending to the bottom of the leg portions of the garment and forming complementary parts thereof.

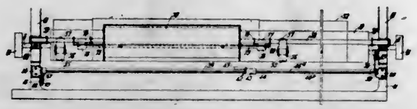
1,569,890. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 10, 1922. Serial No. 599,985. 9 Claims. (Cl. 197—127.)



1. In a typewriting machine for typing a brief inscription at one operation upon a short slip and at the head of a long work-sheet, and for thereafter typing a brief

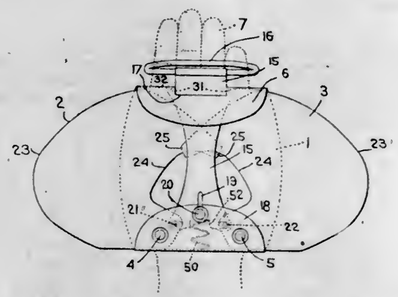
inscription at the foot of the long work-sheet, all at a single insertion of the long work-sheet and the short slip in the machine; in combination, a revoluble platen, an aligning plate above the platen, at the front thereof, a leading-edge gage on the aligning plate for gaging the short slip and the long work-sheet by their leading edges to collate them, a flexible sheet in the machine, outside the long work-sheet, forming a feeding gripper and front-insertion guide for the short slip, the flexible sheet-gripper and guide being wider than the long work-sheet and the short slip, leading-edge gages on the aligning plate, outside the bounds of the long work-sheet and the short slip, and considerably below the first-mentioned leading-edge gage, for positioning the guide and gripper-sheet with its upper margin above the writing line and overlapping the lower margin of the gaged short slip, but leaving the upper portion of said slip exposed for typing, feed-rolls cooperating with the platen to feed the long work-sheet and the gripper-sheet backward, and causing them to draw the short slip down to writing position, the feed-rolls being releasable when the short slip has been typed, to permit the long work-sheet to be advanced to position for typing at the foot thereof, while the guide and gripper sheet remains stationary below the writing line, and means for gripping the guide-sheet stationary during such advance of the long work-sheet.

1,569,891. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 7, 1923. Serial No. 679,069. 14 Claims. (Cl. 197—138.)



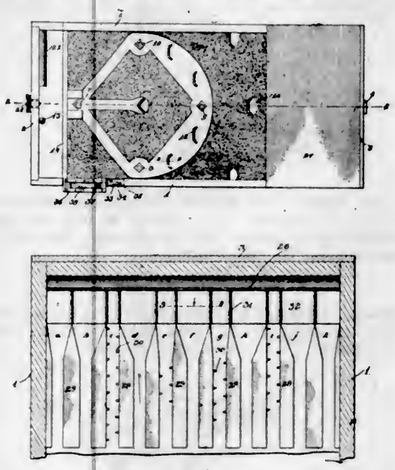
1. In a typewriting machine, a platen, a platen-carriage, a releasable work-piece-feeding mechanism co-operating with the platen, and control means for releasing said mechanism, comprising a bar mounted on the carriage extending lengthwise of the platen, and a lever slidingly mounted on the bar for controlling the releasing of said mechanism from positions in front of the platen.

1,569,892. SWIMMING APPLIANCE. LE ROY FLETCHER SNAPP, Brooklyn, N. Y. Filed May 1, 1925. Serial No. 27,280. 8 Claims. (Cl. 9—21.)



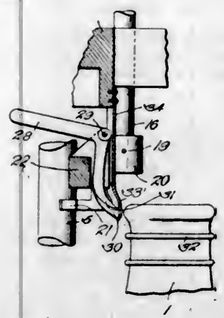
1. A swimming appliance comprising a body adapted to be secured to the palm of the hand, wings pivoted to the body and swingable in planes parallel thereto, and means to open and close the wings by an opening and closing movement of the fingers.

1,569,893. GAME APPARATUS. HERMAN W. STEINMETZ, Rochester, N. Y. Filed Jan. 18, 1922. Serial No. 530,205. 7 Claims. (Cl. 273—138.)



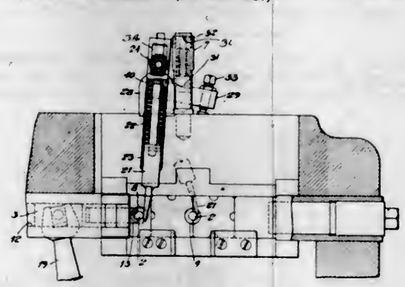
1. In a game apparatus, the combination with a game board having upper and lower runways, the upper runway being provided with a plurality of separate channels, of a projectile adapted to initially traverse the lower runway, a curved guide connecting the runways adapted to raise the projectile onto the upper runway and directed into one of the channels and a cover for the latter.

1,569,894. WIRE-CUTTING ATTACHMENT FOR MILK-BOTTLE-CAPPING MACHINES. GUSTAV STRANDT, Milwaukee, Wis., assignor to Milwaukee Dairy Supply Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed May 24, 1922. Serial No. 563,316. 6 Claims. (Cl. 226—92.)



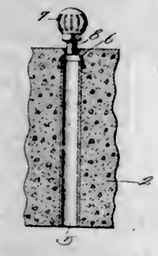
3. In a bottle capping machine having a stationary member and a reciprocatory cross-head, a ring severing device carried by said cross-head and comprising a knife adapted for movement radially outwardly of a bottle beneath said capping machine, said stationary member having a portion disposed in the path of said knife when said cross-head is moved from said bottle, whereby to move said knife radially outwardly of said bottle when said cross-head is moved from said bottle, said knife being provided with means for automatically moving it toward said bottle when said cross-head is moved to bottle capping position, and means for holding said bottle during the ring severing operation.

1,569,895. HOLDER FOR THE BLANK IN MACHINES FOR MAKING RIVETS, SCREW BLANKS, AND THE LIKE, AND IN OTHER UPSETTING MACHINES. SVENING HILMER SVENSSON and KARL OSKAR ENGKVIST, Bofors, Sweden, assignors to Aktiebolaget Bofors, Bofors, Sweden. Filed May 8, 1923. Serial No. 637,603. 6 Claims. (Cl. 10—25.)



1. The combination of a die, a mechanism for cutting blanks from stock and delivering the same to said die, said mechanism including a cutter, a blank holder, a carrier for said holder, said carrier being pivotally suspended above the die at a part, not moving in the operation of the machine and yielding means for moving the blank holder downwardly in relation to the carrier and for permitting the blank holder to perform a resilient movement with respect to said carrier in the opposite direction.

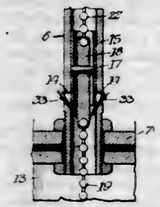
1,569,896. FILTERING TANK. INOS B. TANNER, Chicago, Ill., assignor to Joseph E. Nelson & Sons, Chicago, Ill., a Firm composed of John E. Nelson and William H. Nelson. Filed Aug. 4, 1924. Serial No. 730,052. 1 Claim. (Cl. 210—145.)



A filtering tank provided with a horizontal partition formed of moulded concrete spaced from its bottom and top, in combination with upright pipes moulded within said partition and communicating at their lower ends with the space beneath the partition and at their upper ends with the space above the partition; nipples moulded within the partition at its top side and assembled at their lower ends with the upper ends of said pipes; and filtering heads assembled and communicating with the upper ends of said nipples.

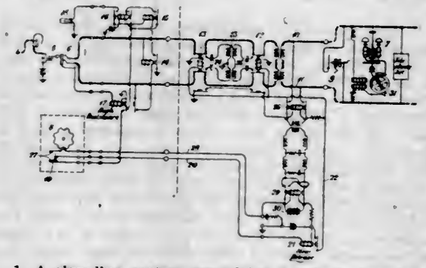
1,569,897. AUTOMATIC REGULATING MEANS. CHARLES M. TERRY, Decatur, Ill., assignor to A. W. Cash Company, Decatur, Ill., a Corporation of Delaware. Filed Mar. 26, 1925. Serial No. 18,352. 6 Claims. Cl. 236—85.)

1. In a regulating device of the class described, the combination of a hydraulic motor, having a piston with a hollow piston rod provided with ports, a valve slidable in said piston for controlling said ports, the ports being formed to direct the streams of liquid flowing through said ports at an inclination away from said valves, and



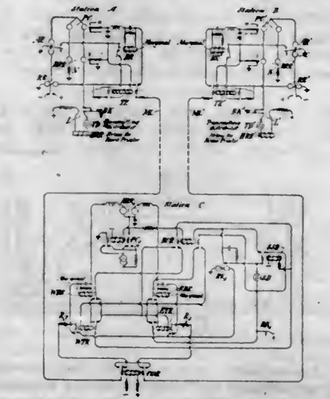
a pressure responsive member controlling the operation of said valve.

1,569,898. SIGNALING SYSTEM. JOHN F. TOOMEY, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Sept. 24, 1924. Serial No. 739,629. 5 Claims. (Cl. 179—89.)



1. A signaling system comprising a private branch exchange, a line circuit terminating thereat, a plurality of way stations associated with the line circuit, signaling means at each way station, means at the private branch exchange for selectively operating the signaling means at the way stations, and means associated with the line circuit and responsive to the operation of said signaling means for permitting the transmission of an audible signal to the private branch exchange.

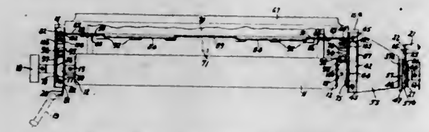
1,569,899. TELEGRAPH REPEATER. GILBERT S. VERNAM, Brooklyn, and EDWARD F. WATSON, Yonkers, N. Y., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed May 24, 1922. Serial No. 563,313. 7 Claims. (Cl. 178—71.)



1. In a signaling system, a line circuit, a repeater station associated with said line circuit and terminal stations associated with each end of said line circuit, trans-

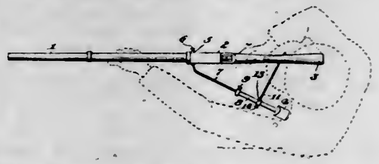
mitting apparatus and receiving apparatus at each terminal station, a pole changer transmitter and a polar receiving relay at said repeater station, an operating circuit for said pole changer transmitter controlled over the contacts of said polar receiving relay, and switching means at said repeater station whereby said polar receiving relay may be connected to either section of said line and said pole changer transmitter may be connected to the other section of said line.

1,569,900. TYPEWRITING MACHINE. HARRY H. VICKERS, Corona, Long Island, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 15, 1922. Serial No. 543,971. 10 Claims. (Cl. 197—135.)



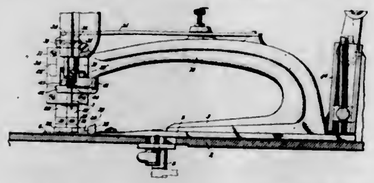
1. In a front-strike typewriting machine, the combination with a revoluble platen and a feed-roll, of a work-collating device, comprising a shelf extending upwardly in rear of the platen and receiving a condensed record-sheet inserted between the feed-roll and platen, and also comprising a collating plate on edge intermediate said shelf and the platen upon which is adjusted a card or work-piece with a carbon therefor, said intermediate plate having at its top edge a gage against which the work-piece and carbon are trued up when presented in inverted condition between the platen and the condensed record-sheet, said plate being mounted to be swung forwardly clear of the platen to give access to the typed and returned card for removing the same from the machine.

1,569,901. ATTACHMENT TO FIREARMS. JOSEPH D. VIRDIN, Baltimore, Md. Filed Aug. 27, 1925. Serial No. 52,805. 6 Claims. (Cl. 42—57.)



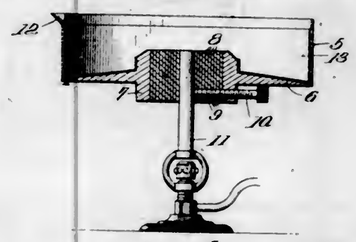
1. An attachment for fire arms comprising an auxiliary bracing stock and means connecting said stock with the side of the fire arm, both the main and auxiliary stocks being used simultaneously in the usual manner.

1,569,902. MACHINE FOR SEWING ON BUCKLES. JOSEPH VOLLMAN, Elizabeth, N. J. Filed Aug. 18, 1922. Serial No. 582,602. 8 Claims. (Cl. 112—104.)



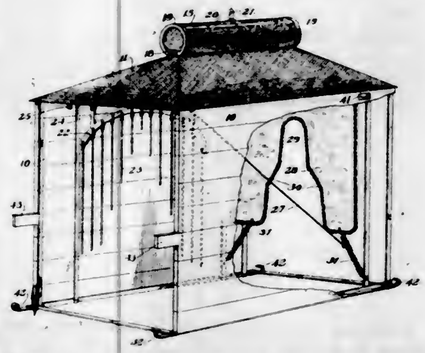
1. A work-holder for article-attaching sewing machines comprising, a work-support having an upstanding guide adapted to be embraced by and to position an apertured article, said guide having an upright wall adapted to engage a loop of flexible material linked with said article and crowd such loop closely in contact with the inner wall portion of the article embraced thereby, and a presser-member movable toward and away from said work-support and having a work-engaging surface portion disposed at one side of and closely adjacent said upstanding wall and adapted to press the upper and under portions of such loop snugly into engagement with the upper and under wall portions of the article.

1,569,903. PROTECTOR FOR LABORATORY BURNERS. RALPH W. WILTON, Washington, D. C. Filed Oct. 24, 1922. Serial No. 596,612. 2 Claims. (Cl. 126—40.)



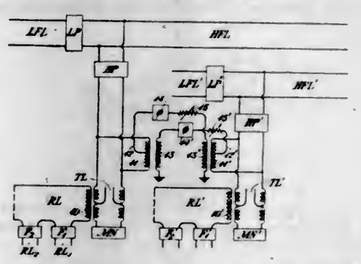
1. A protector for laboratory burners, including a gas burner tube, a receptacle having a bottom provided with a hub, said hub surrounding the burner tube, and means carried by the hub engaging the tube for supporting the receptacle on the tube at the desired elevation.

1,569,904. TRAP FOR CATTLE FLIES. JOSEPH WRIGHT, Lancaster, Wis. Filed Mar. 21, 1924. Serial No. 700,912. 8 Claims. (Cl. 119—56.)



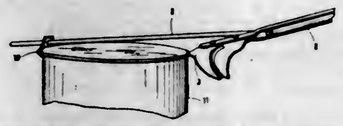
8. In a trap of the class described, the combination of a passageway having opposed side walls, a transversely disposed curved bar near the entrance to the passageway and having supporting arms rigidly secured to and extending upwardly from the bar and having their upper ends pivotally connected to the walls of the passageway, a series of spaced flexible elements depending from the bar and progressively decreasing in length from the ends of the bar toward its center, a third arm extending upwardly from the bar beyond said pivotal connections, an apron depending within the passageway near its other end a roller upon which said apron is mounted for vertical adjustment, springs connecting the lower corners of the apron to the side walls, a flexible element connecting the intermediate portion of one of the springs to the end of said third arm, whereby a displacement by an animal passing therebeneath will rock said bar and agitate the flexible elements, and means to entrap flies dislodged from the animal by said apron and flexible elements.

1,569,905. METHOD AND APPARATUS FOR NEUTRALIZING RADIOINTERFERENCE ON WIRE LINES. HERMAN A. AFFEL, Brooklyn, N. Y., and LESTER M. ILGENFRITZ, Orange, N. J., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed Nov. 20, 1922. Serial No. 602,218. 7 Claims. (Cl. 179—78.)



1. In the operation of a wire signaling system, the method of overcoming interference due to components flowing in series over the two sides of the line circuit as a result of electromotive forces impressed upon the line by a radio signaling station, which consists in causing the desired signaling currents to flow serially only over the line conductors, obtaining components flowing over the sides of a line circuit in parallel due to electromotive forces impressed thereon from the interfering radio signaling station and applying such electromotive forces to oppose the interfering series component.

1,569,906. TIN-CAN OPENER. CHARLES BAEHR, Le Locle, Switzerland. Filed May 25, 1925. Serial No. 32,812. 2 Claims. (Cl. 30—3.)



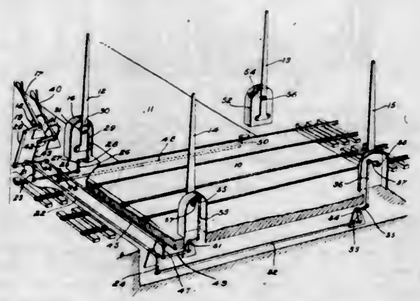
1. A can opener including a blade formed with a V-shaped cutting edge, a handle rigidly secured to the blade and extending away from the same, said handle being provided with an aperture adjacent to the blade, a wire having a hook at one end engaging said aperture, and a gripper mounted on the wire near its opposite end and adapted to grip the edge of the can.

1,569,907. SAFETY SIGNAL. WILLIAM E. BEARD, Buckner, Mo. Filed Nov. 1, 1923. Serial No. 672,231. 3 Claims. (Cl. 240—8.22.)



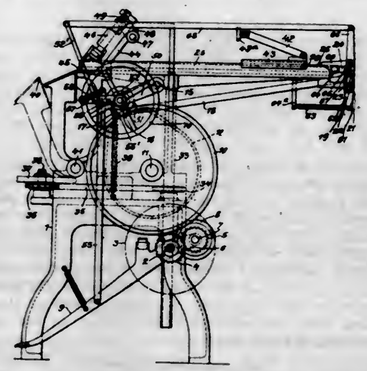
1. In a lamp, a casing, a closure panel for the casing formed of light transmitting material and having a plurality of conical spaced depressions in its outer surface, and a conical shaped transparent block secured in each depression so that its base is in substantially co-planer relation with and exposed at the outer face of the panel, the transparent blocks having their surfaces silvered from base to apex whereby light from within the casing may pass through the panel between the depressions, and whereby light from the outside of the casing will be reflected outwardly of the casing by the blocks.

1,569,908. RAILROAD-CROSSING GATE. EDWARD E. BEECHER, Brooklyn, N. Y. Filed July 7, 1924. Serial No. 724,681. 2 Claims. (Cl. 39—62.)



1. In a railroad crossing the combination with a pair of gates pivoted at each side of the track, the pivots of the gates being provided with arms, of parallel shafts extending transversely of and across the track and each provided with arms, connections between the arms of one transverse shaft and the arms of the pivots of diagonally arranged gates, connections between the arms of the other transverse shaft and the arms of the pivots of the other diagonally arranged gates, and means for rocking each transverse shaft.

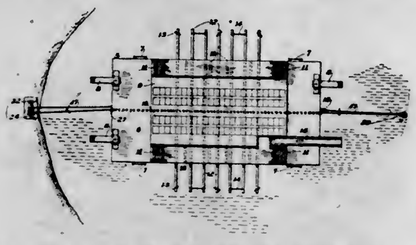
1,569,909. FEEDING MECHANISM FOR BOOK-SEWING MACHINES. ULRICH BISCHOF, Horgen, Switzerland, assignor to Gebr. Staubli, Horgen, Switzerland. Filed Dec. 13, 1920. Serial No. 430,359. 5 Claims. (Cl. 112—21.)



5. In a book sewing machine the combination of a book table for receiving a pile of fastened sheets in the upright position, with drivers for straightening the lower part of said pile, means for imparting to and fro motion to the drivers, plates fixed on the book table, a tappet mounted on each plate and having a triangular cross section, a sliding pin located on each end of each driver,

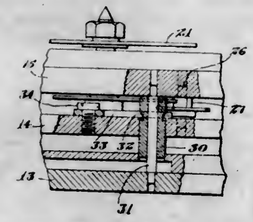
said pin, being situated in the vicinity of the adjacent tappet, for the purpose, that when the drivers are moved in one direction, the pins will slide over the tappets and press the drivers against the pile, and when the drivers are moved in the other direction, said pins will pass underneath the tappets and keep the drivers out of action upon the said sheets.

1,569,910. BATHING BARGE. CLAUDE SOUTHWORTH BOHANNON, Nokomis, Fla., assignor of one-half to William E. Stevens, Nokomis, Fla. Filed Feb. 18, 1925. Serial No. 10,054. 1 Claim. (Cl. 115—7.)



A device of the character described comprising a barge provided with a continuous tubular guideway extending longitudinally through the hull thereof near the water line, a mooring station located off shore, a sheave supported by said station, a cable attached at one end to the outer end of the barge, extending thence about said sheave and through said guideway to a point on the shore and thence back to the inner end of the barge to which it is attached, and means located at said point on the shore to move the cable in either direction to tow said barge back and forth between the mooring station and said point on the shore.

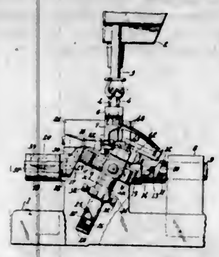
1,569,911. RELEASE LEVER. FREDERICK W. BOLD, Chelsea, Mass., assignor to Charles H. Pearson, Brookline, Mass. Filed Jan. 2, 1925. Serial No. 285. 1 Claim. (Cl. 102—36.)



In a time fuse, the combination of a longitudinally mounted plunger, a spring associated therewith and normally tending to hold the plunger in its normal position, a rotatably mounted shaft, a lever secured thereto and engaging with the plunger, a non-circular hub secured to said shaft, a rotatably mounted sleeve, and a lever secured thereto and engaging with the non-circular hub whereby rotation of the sleeve is prevented and the force exerted on the plunger by the engaging end of the lever is less than the restoring force exerted on the plunger by its engaging spring.

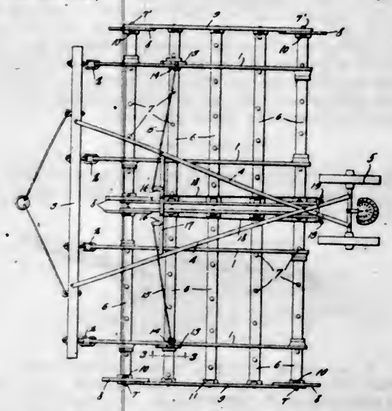
1,569,912. SEWING-MACHINE LOOPER MECHANISM. ANDREW B. CLAYTON, Union, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Mar. 14, 1922. Serial No. 543,735. 8 Claims. (Cl. 112—200.)

1. In a sewing machine, in combination, a reciprocating needle, a looper, a looper-clamp, a looper-carrier, means for adjustably securing the looper-clamp upon said looper-carrier, a looper-carrier support, means for adjustably securing the looper-carrier upon said support,



and looper-actuating means operatively connected with said looper-carrier support for imparting endwise and sidewise movements to the looper.

1,569,913. HARROW. ROBERT CRABTREE, Forbes, N. Dak. Filed Feb. 1, 1924. Serial No. 689,965. 1 Claim. (Cl. 55—34.)

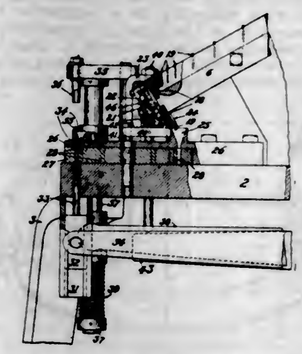


A harrow of the class described comprising a frame, bars rotatably mounted in the frame, spikes passing through the bars, semi-circular plates on the ends of the outer bars, a spike carried by each plate, clips connected with the ends of the inner bars, connecting strips connected with the clips and the plates for causing the bars to rotate in unison, the strips being connected with the plates by the spikes of said plates, ratchet means connected with one of the bars for holding said bars in a position with the spikes raised and the plates engaging the ground to act as runners, or for holding the bars in a position with the spikes vertical or inclined and manually operated means for actuating the ratchet means and for holding them in inactive position to permit the bars to rotate to free the spikes of trash.

1,569,914. PINNING AND NAILING MACHINE. FRANK CURTIN and HENRY CURTIN, Gloversville, N. Y., assignors to Curtin-Herbert Co. Inc., Gloversville, N. Y., a Corporation of New York. Refiled for abandoned application Serial No. 635,427, filed Apr. 30, 1923. This application filed Jan. 29, 1925. Serial No. 5,664. 4 Claims. (Cl. 1—1.)

1. In a machine of the class described, a table; a hopper supported above said table; an inclined feed tube leading from said hopper; a disc with a series of spaced radial grooves in the face thereof, rotatively mounted

adjacent the discharge end of said tube; means for causing step rotation of said disc; a guard to prevent egress of a nail from said grooves during a major portion of their downward travel; a second disc rotatively mounted below said grooved disc and having a series of circumferentially spaced holes therethrough; means for causing step rotation of said second disc; means for locking said second disc; means for releasing said lock-

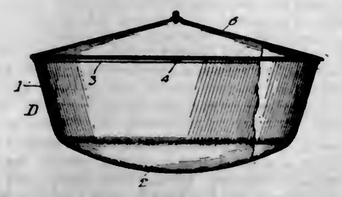


ing means at intervals; a plunger slidably mounted beneath said second disc and in line with one of the holes therethrough when said disc is locked; a work supporting member with an opening therethrough to pass said plunger; yielding gripping means mounted adjacent said opening and adapted to grip a nail placed therein; a presser foot with an opening therein; means for raising and lowering said presser foot; and means for imparting reciprocating motion to said plunger.

1,569,915. COLORING COMPOSITION. ALBERT DAVID, Chicago Heights, Ill., assignor, by mesne assignments, to Dip-It Inc., New York, N. Y., a Corporation of New York. Filed May 21, 1921. Serial No. 471,438. 1 Claim. (Cl. 8—6.)

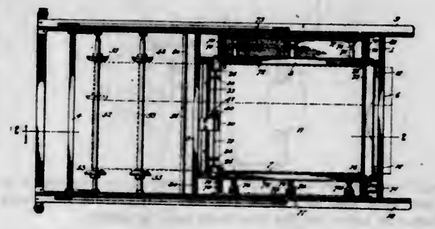
A fluid coloring, dyeing or tinting composition comprising, in combination, a saponaceous body, a liquid carrier, glycerine in sufficient quantity to substantially prevent caking of the mixture on exposure to the air, and a dye dissolved partly in said liquid carrier and partly in said glycerine.

1,569,916. SYSTEM OF WATER TRANSPORTATION AND A NOVEL BOAT FOR USE IN CONNECTION THEREWITH. HARRY H. FISHER and WALTER B. RITTENHOUSE, Chicago, Ill., assignors to Bylesby Engineering and Management Corporation, Wilmington, Del., a Corporation of Delaware. Filed Dec. 11, 1922. Serial No. 606,201. 3 Claims. (Cl. 114—0.5.)



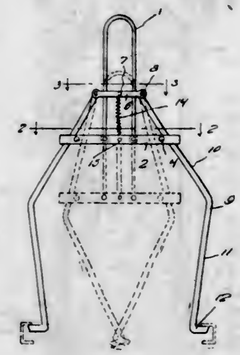
1. A boat for the purpose set forth consisting of a shallow bowl-shaped shell the circular wall of which flares upwardly and merges into a downwardly-convex bottom, and means on the exterior of the circular wall of the boat for making hoisting connections thereto.

1,569,917. MULTIBILLING PLATEN EQUIPMENT. HARRY ARTHUR FOOTHORAP, Harrisburg, Pa., assignor to Elliott-Fisher Company, a Corporation of Delaware. Filed Aug. 24, 1921. Serial No. 494,943. 38 Claims. (Cl. 197—120.)



1. The combination with a support, of a flat platen having hinged connection at its front end with the support, and depressible from the writing plane.

1,569,918. GRAPPLE. ROY I. FLYNN, Wagner, S. Dak. Filed July 6, 1925. Serial No. 41,637. 2 Claims. (Cl. 294—97.)

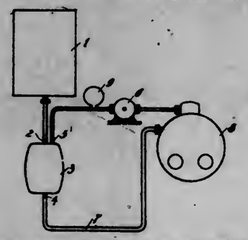


1. A grappling device of the class described including an inverted U-shaped yoke, a pair of bars fixed to the terminals of the yoke, so as to extend rectangularly to the sides thereof, the other ends of the bars being curved inwardly toward each other, pins extending between the bars adjacent the ends thereof, sleeves on the pins, a second pair of bars of shorter length than the first pair, pins extending between the terminals of the second pair of bars, a yoke extending between the second pair of bars, grappling arms pivoted at their upper ends to the pins of the second pair of bars and extending between the first pair of bars and between the sleeves and terminals thereof, a coil spring of the traction type disposed between the two pairs of bars for normally drawing them toward each other.

1,569,919. METHOD OF FEEDING STEAM BOILERS FROM AN UNHEATED TANK. HANS GLEICHMANN, Siemensstadt, near Berlin, and WALDEMAR STENDER, Berlin-Charlottenburg, Germany, assignors to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany, a Corporation of Germany. Filed Nov. 25, 1924. Serial No. 752,272. 1 Claim. (Cl. 122—451.)

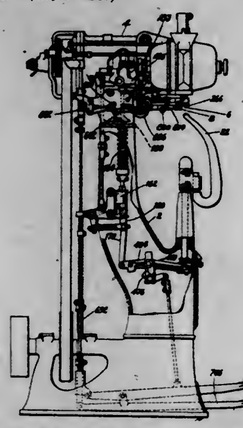
The improved method of feeding steam boilers with water from an unheated tank which consists in com-

pressing steam derived from the boiler to be fed to a pressure greater than the boiler pressure, conducting



said compressed steam into the space above the water in said tank and in forcing the feed water from said tank into the boiler by the increased tank pressure.

1,569,920. FASTENING-INSERTING MACHINE. GEORGE GODDU, Winchester, and FRED L. MACKENZIE, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Aug. 29, 1921. Serial No. 496,200. 36 Claims. (Cl. 1—18.)



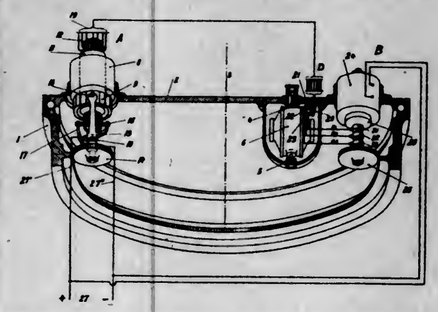
1. A shoe machine having means for operating about the periphery of a sole, and mechanism for relatively moving the operating means and the work to vary the position upon the sole at which the operation is performed, said means being controlled by a variation in a characteristic of the peripheral portion of the sole operated upon.

1,569,921. ALLOY FOR PEN POINTS. MELVIN M. GOLDSMITH, Chicago, Ill., assignor of one-half, by mesne assignments, to Goldsmith Bros. Smelting & Refining Company, Chicago, Ill., a Corporation of West Virginia. Filed Nov. 16, 1923. Serial No. 675,221. 5 Claims. (Cl. 75—1.)

1. An osmium alloy comprising 10 to 20 per cent of ruthenium, 3 to 10 per cent of nickel, and the rest osmium, 65 to 85 per cent.

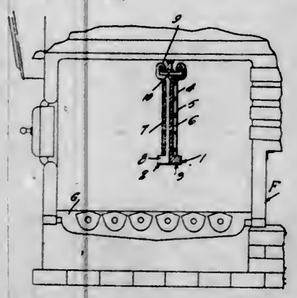
1,569,922. ELECTRIC CONTROL SYSTEM FOR ALL MOVABLE ELEMENTS OPERATING BY A VERY SMALL POWER, AND CHIEFLY FOR THE GYROSCOPIC COMPASS. ELIE GRANAT, Paris, France, assignor of one-half to Compagnie des Forges et Aciéries de la Marine et d'Homécourt, Paris, France, a French Corporation. Filed May 14, 1924. Serial No. 713,307. 2 Claims. (Cl. 177—351.)

1. In an arrangement for electrically controlling a revoluble device through a revoluble element pivotally mounted on said device, the combination of a transmitting electric machine borne by the controlled device and comprising a field magnet and an armature, means for feeding field magnet and armature with direct current, a commutator on armature, m equidistant brushes mounted on the controlled revoluble device and disposed round commutator, a distributor comprising m contact segments disposed on the controlled revoluble device on a portion of a circle surrounding the controlling revoluble element, wires connecting the m equidistant brushes of the commutator of the armature respectively with the m corresponding contact segments, a brush holder mounted on the revoluble controlling element, n brushes held by said brush holder and adapted to move along



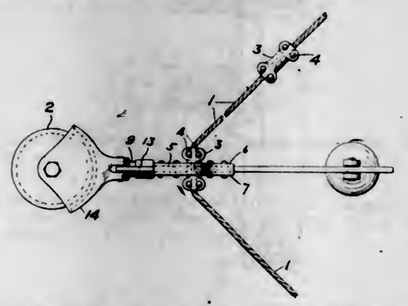
contact segments of distributor, a receiver consisting of a synchronous motor, stator of the receiver being provided with a polyphase winding of n phases rotor of the receiver being fed by direct current, wires connecting each of the n vertices of the polyphase winding with the corresponding brush on revoluble controlling element, means whereby rotation of the rotor causes the rotation of the revoluble controlled device, means whereby the potentials of the n segments of the distributor which are in contact with the n brushes mounted on the controlling element when latter and the controlled device are in concordance produce at each moment in rotor of receiver a field in equilibrium with the field produced in stator at the same time.

1,569,923. DEVICE FOR FURNACES. AUSTIN GUDMUNDSEN and HIRAM WILLIAM CLARK, Salt Lake City, Utah. Filed Feb. 4, 1924. Serial No. 690,579. 1 Claim. (Cl. 110—93.)



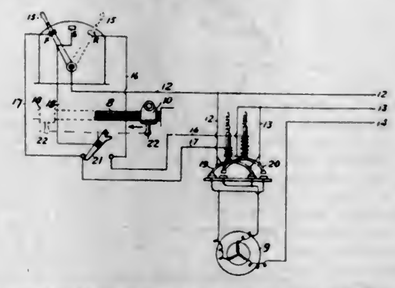
In a device of the character described, a furnace having a firebox, a channel iron supported within the firebox, partitioning members having their upper ends constructed to provide spaced hooks, rollers supported by the hooks, said rollers adapted to move over the flanges of the channel iron at opposite sides of the channel iron, said partitioning members adapted to provide a movable partitioning member across the upper portion of the firebox.

1,569,924. DRAG-SCRAPER BACK-POST BLOCK. WILLIAM E. HALE, Fort Washington, Pa., assignor to R. H. Beaumont Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Nov. 14, 1922. Serial No. 600,791. 5 Claims. (Cl. 254—100.)



1. In drag scraper gear the combination with a back post block of a wire rope or cable, two-part spools, fastenings for connecting the two parts of the spools to secure the latter to the wire rope or cable, a saddle shaped to conform to the middle part of a spool and turnable thereon, and a locking plate for the saddle.

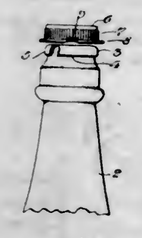
1,569,925. DRAG SCRAPER. WILLIAM E. HALE, Fort Washington, Pa., assignor to R. H. Beaumont Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Mar. 4, 1923. Serial No. 622,835. 4 Claims. (Cl. 172—239.)



1. In a drag scraper the combination of continuously acting unidirectional power means, power application control devices, screw-and-nut mechanism adapted to actuate said devices to cause forward and reverse and neutral application of power, a motor for actuating said screw-and-nut mechanism, manual controller provisions for establishing circuits through the motor for forward and reverse and for establishing a neutral circuit path, set for stop mechanical limit stops for the motor and a circuit changer and interrupter interposed in the neutral circuit path and responsive to the travel of the nut to maintain the forward and reverse circuits through the motor until the nut reaches mid-travel position and operates the circuit changer and interrupter to stop the motor with the power application control device in position for neutral application of power.

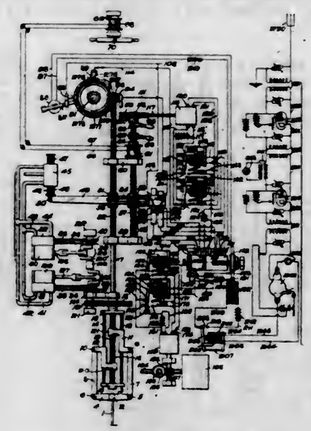
1,569,926. CONTAINER SNAP-ON ROTATABLY RELEASABLE CAP. CHARLES HAMMER, Hollis Court Boulevard, N. Y. Filed Jan. 8, 1925. Serial No. 1,148. 3 Claims. (Cl. 215—44.)

1. A metal cap adapted for use with a container neck having a shoulder and a recess therein comprising a top having a depending resilient skirt provided with an inwardly extending locking lug, the skirt and lug being so proportioned with respect to the container shoulder and recess as to permit the cap to be readily snapped on over the shoulder of the container with the lug



locking under such shoulder whereby it cannot be normally freely snapped off, and releasable by rotating said cap to bring its locking lug into register with said recess in the container shoulder.

1,569,927. SYSTEM OF AND MECHANISM FOR CONTROLLING MOVING BODIES BY RADIANT ENERGY. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed Nov. 26, 1919, Serial No. 340,698. Renewed Feb. 23, 1924. 11 Claims. (Cl. 114—21).

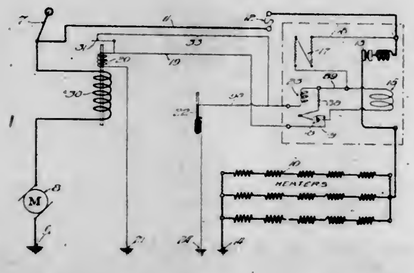


1. A system for the control of moving bodies comprising in combination, a vessel having a rudder, a prime mover to turn said rudder to starboard or to port, means including a commutator to govern the action of said prime mover, and means responsive to radiant energy from a distant control station to move said commutator and including means whereby a second signal is automatically sent at a predetermined time after the sending of the last preceding signal.

1,569,928. CAR-HEATING SYSTEM. WILLIAM G. HARTWIG, Chicago, Ill., assignor to Railway Utility Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 10, 1923. Serial No. 679,528. 2 Claims. (Cl. 219—20.)

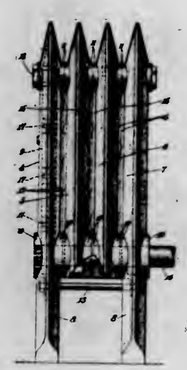
2. In an electric system for driving and heating street cars and the like and in combination with the motor, heater and motor and heater circuits thereof, a contactor in the heater circuit, an electro-magnet controlling the contactor, a switch in shunt to the coil of the

electro-magnet, a thermostat and electro-magnetic coil controlling said switch, a second switch also in shunt to the coil of the contactor, an electro-magnet controlling the same having opposing coils, one of which is



constantly energized when the car is in service and the other of which is connected in the motor circuit and so wound as to oppose the first mentioned coil and neutralize it when the motor operates under a predetermined load.

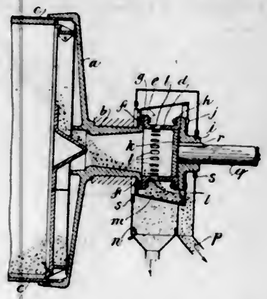
1,569,929. RADIATOR. OTTO HASELAU, New York, N. Y. Filed Oct. 3, 1921. Serial No. 505,167. 7 Claims. (Cl. 257—151.)



4. A radiator having a plurality of vertical separable hollow radiator units each substantially diamond shaped in horizontal cross section and having an upright heating fluid passage therein, and passages connecting the units at the bottom thereof, said last mentioned passages all lying in substantially the same horizontal plane, the central vertical lines of said units being arranged in substantially the same plane and said units having external vertical reinforcing ribs at opposite vertical corner edges thereof which ribs extend toward and abut corresponding ribs on adjacent units.

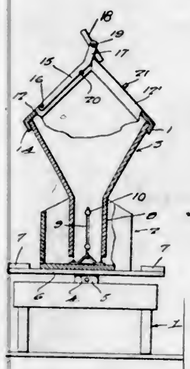
1,569,930. TUBE MILL OR BALL MILL. PETER VILHELM ADOLF AAGE HERBST, Holte, Denmark, assignor to F. L. Smidth & Co., New York, N. Y., a Corporation of New Jersey. Filed Aug. 29, 1925. Serial No. 53,285. 2 Claims. (Cl. 83—9.)

1. In a mill of the character described, the combination of a shell or drum, a hollow trunnion by which the shell or drum is supported, the trunnion being closed at one end and provided with openings in its peripheral wall for the passage of material, a driving shaft axially



in line with the drum or shell, and a coupling member through which the driving shaft is operatively connected with the trunnion.

1,569,931. CHICKEN FEEDER. RANCY BLAIN HERRINGTON, Wolbach, Nebr. Filed Feb. 3, 1925. Serial No. 6,567. 4 Claims. (Cl. 119—55.)

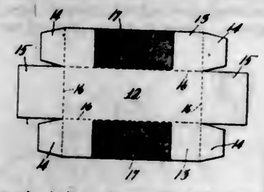


4. In a structure of the class described, a feed hopper, said hopper being open at its top, a pair of cover sections for closing said top, one of said sections being stationary, and the other section being relatively movable, a pair of arms pivotally connected at corresponding ends to the intermediate portion of the ends of the movable cover section, an anti-roost board disposed between and pivotally connected to the opposite ends of said arms, stop pins disposed upon the ends of said movable cover section, the intermediate portions of the arms being engageable with said stop pins, and an additional stop pin on the relatively stationary cover section with which said board is engageable when the movable section is swung to open position.

1,569,932. BOX OR CARTON. ELLON S. HILL, New Hampton, N. H., assignor to Box Board Products, Inc., New York, N. Y., a Corporation of New York. Filed June 8, 1922. Serial No. 566,680. 2 Claims. (Cl. 229—6.)

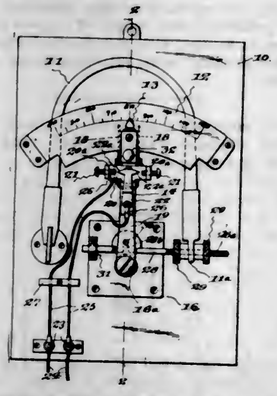
2. A paper box having side wall portions of one-piece construction devoid of folds or pleats, the mid-

length portions of said side walls having separate reinforcing panels of paper stock adhesively secured there-



to, said panels being of considerably less length than said walls.

1,569,933. THERMOSTATIC SWITCH. ROBERT H. HOUK, Joliet, Ill. Filed July 20, 1922. Serial No. 576,387. 1 Claim. (Cl. 200—137.)



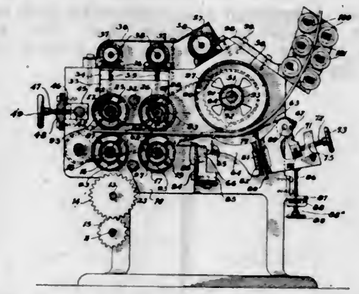
A thermostatic switch comprising a base, a dial secured to the base, a main pointer arm of insulating material having its upper portion formed with a slot receiving the lower edge portion of said dial, a spring carried by said main pointer arm and engaging the rear side of said dial to hold the main pointer arm in position, a pivot element supporting said main pointer arm, a switch arm of insulating material mounted on said pivot element and having a contact finger, contacts carried by said main pointer arm and located on opposite sides of said contact finger, a longitudinally movable bar having its intermediate portion formed with a slot opening out through the lower end thereof and slidably receiving a pin carried by said switch arm, said slot being extended at right angles to the axis of the bar and having side walls in engagement with said pin whereby the longitudinal movement of the bar will operate said pin and the switch arm carrying the pin, and a thermostat connected to said bar.

1,569,934. SIDEWALK MAT. BONAVENTURO IZZO, Bronx, N. Y. Filed Jan. 12, 1925. Serial No. 1,984. 2 Claims. (Cl. 15—238.)



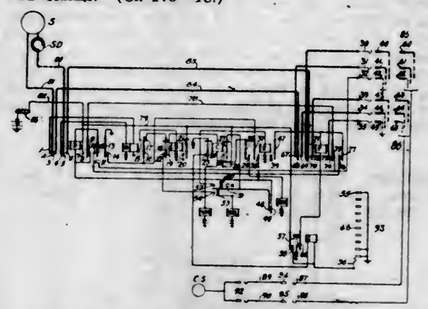
1. A mat of the character described comprising parallel longitudinal stripe each standing on one of its longitudinal edges with the other longitudinal edge thereof lying in the plane of the mat surface, said strips being formed with recesses in their lower edges in a manner to provide supporting legs, and flat transverse strips having their ends formed integral with the longitudinal strips at their upper portions to provide a flat surface.

1,569,935. MACHINE FOR BENDING WOOD. LORENZO JOHNSON, Louisville, Ky. Filed Jan. 22, 1924. Serial No. 687,808. 17 Claims. (Cl. 144—255.)



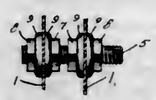
1. In a wood bending machine, the combination of a pressure roll, a concave former cooperating therewith, feed rolls in front of the pressure roll and former, certain of said rolls being hollow and having an inner perforated drum forming a gas burner, and means for supplying gas to said burner.

1,569,936. MACHINE-SWITCHING SYSTEM. EDMUND LAND, Ridgefield Park, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Oct. 24, 1923. Serial No. 670,554. 14 Claims. (Cl. 179—18.)



1. A switch comprising a plurality of sets of brushes and rows of terminals, there being one test brush in each set of brushes, and means for rendering all test brushes effective on certain terminal rows and a lesser number effective on other rows.

1,569,937. MATTRESS. ERBEN E. LA TURNER, Jerome, Idaho. Filed July 31, 1923. Serial No. 654,881. 1 Claim. (Cl. 5—348.)



A mattress comprising a plurality of inflatable resilient tubes, means for introducing air into one tube, connections communicating with adjoining tubes; and means whereby each tube is held independently of the other

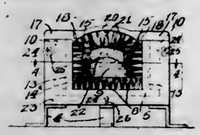
tubes and rendered removable independently of the other tubes, said means comprising separate nuts threaded on each connection, the nuts being located between adjoining tubes and engaging the outer surfaces of adjoining tubes, and other nuts threaded on each connection, the last-specified nuts being respectively located within adjoining tubes and engaging the inner surfaces of said tubes.

1,569,938. COMBINED PARALLEL RULE AND COMPASS. STANLEY G. LE GRESLEY, Flint, Mich. Filed June 12, 1923. Serial No. 644,836. 1 Claim. (Cl. 33—158.)



A compass including a bar, a series of teeth disposed on the bar, a point fixed on the bar, a sleeve member slidably mounted on the bar, a point carried by the sleeve member, the axis of the last mentioned point being parallel with the axis of the first mentioned point, and a latch member pivoted upon the sleeve member and having its end portion adapted to engage in the spaces between the teeth of the bar, said end portion when engaged in one of the spaces between the teeth of the bar being disposed in alignment with the axis of the point carried by the sleeve member.

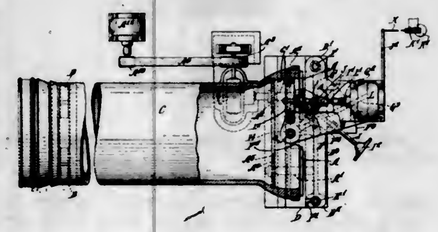
1,569,939. SHOE-CLEANING DEVICE. MAX J. SPERLING, Chicago, Ill. Filed Aug. 8, 1923. Serial No. 656,402. 6 Claims. (Cl. 15—161.)



1. A shoe cleaning device comprising a casing having an opening in one end and in the top, means on said casing for supporting the same, a tip brush and a top brush in said casing, a bottom brush and side brushes also mounted in the casing, and an end plate removably engaged on the open end of the casing for holding the bottom brush and the side brushes in place within the casing against longitudinal removal.

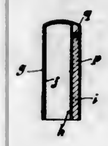
1,569,940. GRINDING AND POLISHING MACHINE. THOMAS P. ANTHONY, Edgewater Park, N. J., assignor, to United States Cast Iron Pipe & Foundry Company, Burlington, N. J., a Corporation of New Jersey. Filed Jan. 3, 1924. Serial No. 684,114. 2 Claims. (Cl. 51—88.)

1. A grinding and polishing machine having in combination means for supporting and rotating a pipe having a spherical socket at its end, a main frame carrying a pivot located to lie normally in an approximate diametric line of the spherical pipe socket, when a pipe is in position to be ground, a second frame pivoted on the main



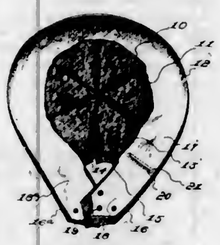
frame pivot, means for angularly adjusting said second frame, a polishing wheel supported on said second frame in position to contact with the spherical pipe socket and means for pressing said polishing wheel against the pipe socket.

1,569,941. POCKET LIGHTER. WILHELM BALTRUSCH, Elberfeld, Germany. Filed Apr. 17, 1924. Serial No. 707,281. 7 Claims. (Cl. 76—7.1.)



1. A pyrophoric pocket lighter comprising in combination: a combustible container, a chosen- or scroop-like scraper mounted on said container, a double-walled cap for covering said scraper and said container, a pyrophoric element arranged between the two walls of said double-walled cap, and an opening in the outer wall of said cap for exposing the operative face of said pyrophoric element.

1,569,942. REVERSIBLE HAT. JOSEPHINE M. BARNHILL, San Francisco, Calif., assignor to Frederick A. Brinkman, San Francisco, Calif. Filed Aug. 20, 1925. Serial No. 51,483. 3 Claims. (Cl. 2—197.)



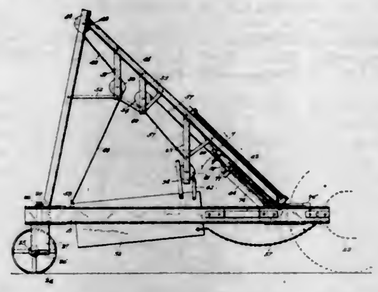
1. A hat having a crown of soft and flexible material and having a brim formed of two thicknesses of soft and flexible material of different colors, the hat being reversible to bring either face of the brim outside, the two thicknesses of the brim being unattached to each other except at the junction with the crown throughout nearly the entire extent of the brim to permit independent manipulation of these two thicknesses.

1,569,943. PROCESS FOR THE EXTRACTION OF HELIUM FROM GASES CONTAINING THE SAME. ROBERT ROGER BOTTOMS, Lakewood, N. J. Filed Dec. 27, 1924. Serial No. 758,338. 1 Claim. (Cl. 183—115.)



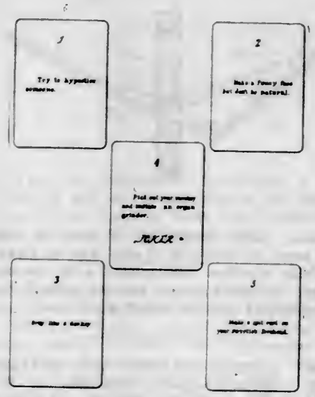
The process of separating helium from gaseous mixtures containing the same consisting in conducting the compressed gaseous mixture through one series of passages in a countercurrent heat interchanger and thence into a condenser where the constituents of the said gaseous mixture including the greater part of the helium present, at high pressure is reduced to the liquid phase, and to the minimum temperature reached in the process; reducing the pressure by passing the resulting liquids through a throttle valve into a liquid collecting pot, where the dissolved helium is released, passes into the gaseous phase and is withdrawn; passing the liquids into a condenser, re-evaporating the said liquids to the gaseous phase, and passing the re-vaporized gases out of the apparatus through a second series of passages in the aforementioned countercurrent heat interchanger at low pressure, substantially as set forth in the foregoing specification.

1,569,944. TRACTOR SCOOP. SOUTHWICK W. BRIGGS, Glenmont, Md. Filed Apr. 27, 1925. Serial No. 26,247. 9 Claims. (Cl. 37—129.)



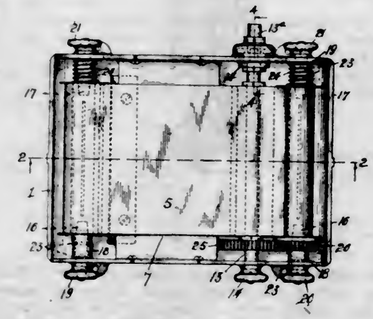
1. A scoop attachment for tractors comprising a frame adapted for connection to a tractor, a fluid circuit mounted on the frame including a pair of hydraulic cylinders, means adapted to be connected to the tractor for forcing a circulation of fluid through said circuit, a scoop pan mounted in the frame, and connections between the opposite ends of the pan and said cylinders for controlling the filling and dumping of the pan by the operation of the cylinders.

1,569,945. PLAYING CARDS. VERTNER D. BRITTINGHAM, Denver, Colo. Filed May 22, 1925. Serial No. 32,041. 4 Claims. (Cl. 273—152.)



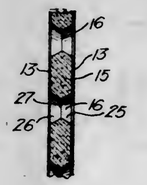
1. A deck of playing cards comprising a plurality of cards numbered consecutively, each card having a separate "stunt" printed on its face and one of said cards being marked "Joker."

1,569,946. ROUTE METER. EDWARD F. BUETTNER, EMERY GANUN, and HENRY K. THROM, Toledo, Ohio. Filed Apr. 20, 1925. Serial No. 24,388. 2 Claims. (Cl. 40—42.)



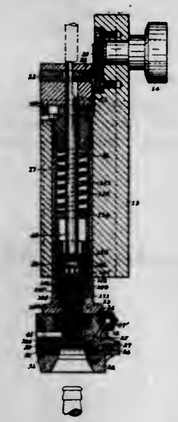
1. In a route meter, a case having a window in its front side, spools removably mounted in spaced relation in the case from one to the other of which a route tape winds across said window, a guide within the case for holding a tape in adjacent relation to said window as it feeds across the same, a feed roll mounted within the case for engagement with the tape, a shaft carrying the feed roll and axially shiftable from without the case, a drive shaft section adapted to have connection with a driving source, a clutch for connecting said shaft and shaft section and releasable by an axial shifting of the first shaft and geared connection between said first shaft and the tape winding spool of the pair for driving one from the other, said connection being separable upon a clutch releasing movement of the first shaft to permit a manual turning of the winding spool.

1,569,947. WALL-BOARD LATH. JOSEPH A. BUTTRESS, South Pasadena, Calif. Filed July 3, 1922. Serial No. 572,707. 1 Claim. (Cl. 72—124.)



A plaster board comprising: a layer of plaster; a sheet of paper on each side of said layer of plaster; said board having openings therethrough, such openings being formed of two frusto conical co-axial holes having their smallest diameter near the center of the board.

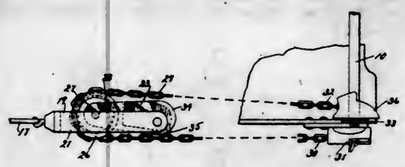
1,569,948. BOTTLE FILLING AND SEALING MACHINE. AMOS CALLESON, Brooklyn, N. Y. Filed Dec. 14, 1921. Serial No. 522,207. 12 Claims. (Cl. 226—77.)



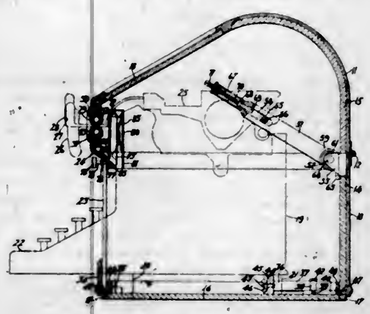
1. In combination, opposed means to exert affixing pressure on a container and closure interposed between them, one being movable toward and from the other to exert such pressure and one including a container-opposed position and having said portion yieldable therein and one having means during the pressure stroke first to pass a fluid under seal into the container and then affix the closure thereto, and means, controlled by the pressure of the fluid while passing under seal into the container, to lock said container-opposed portion in non-yielding relation to that one of said means having said portion.

1,569,949. BRAKE MECHANISM FOR RAILWAY CARS. PERCY B. CAMP, Maywood, Ill., assignor to Universal Draft Gear Attachment Company, a Corporation of Illinois. Filed Apr. 11, 1925. Serial No. 22,341. 10 Claims. (Cl. 74—110.)

1. In a brake mechanism for railway cars, the combination of a foundation brake gear, a jaw operatively connected with the foundation brake gear, a lever pivoted at one end in the jaw and having a sheave at the opposite end, a brake shaft and a chain looped about the sheave and lever with one end in winding engagement with the brake staff and the other end anchored.



1,569,950. TYPEWRITING MACHINE. GEORGE W. CAMPBELL, Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed May 10, 1922. Serial No. 559,693. Renewed June 16, 1925. 19 Claims. (Cl. 197—186.)



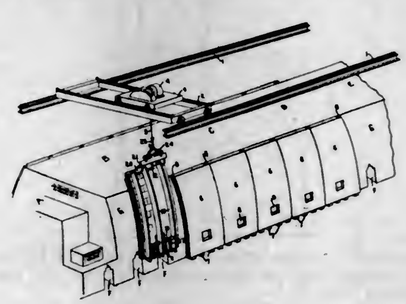
1. In combination with a sound-deadening casing for a typewriting machine having sound-sealing relations with certain parts of the machine to permit operation of the machine by parts thereof projecting to the outside of the casing, means for locating the feet of the machine to maintain such sound-sealing relations, said locating means comprising a bar pivoted at one end to the casing, and means for locking the bar.

1,569,951. SCAFFOLD ANCHOR. PAUL E. COOPER, Somerville, Ohio. Filed Aug. 28, 1925. Serial No. 53,149. 7 Claims. (Cl. 304—22.)



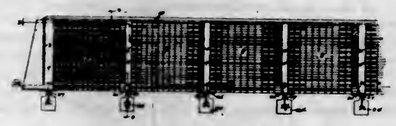
1. A scaffold anchor comprising vertically disposed coacting jaws for engagement with opposite sides of a roof seam and adapted to support a hanger bar, fingers extending forwardly from said jaws to overlap the upper edge of the hanger bar and prevent upward movement of the bar out of engagement with the anchor, and means for moving said jaws towards each other and retaining them in tight gripping engagement with a roof seam.

1,569,952. APPARATUS FOR BURNING BRICKS. WILLIAM W. DICKINSON, Jr., Little Rock, Ark. Filed Jan. 4, 1923. Serial No. 610,598. 6 Claims. (Cl. 25—132.)



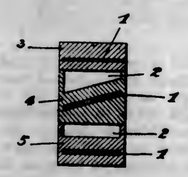
1. A kiln scoving consisting of rigid rectangular independently movable panels of non-metallic heat-resisting material supported in upright position upon the exterior of the kiln, each of said panels bowed outwardly between its upper and lower ends and the body of the kiln being sloped to conform approximately therewith.

1,569,953. APPARATUS FOR BURNING BRICKS. WILLIAM W. DICKINSON, Jr., Little Rock, Ark. Filed July 13, 1923. Serial No. 651,215. 13 Claims. (Cl. 25—137.)



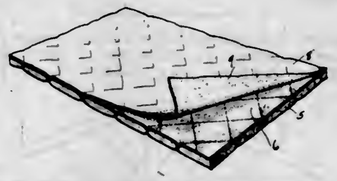
1. In kiln construction, the combination with parallel side walls, of cross walls connecting the same and having openings at their bottoms, bricks built within said walls in open-work relation, said bricks spaced from one side of each cross wall to define an open flue with which said openings communicate, and said walls being built up with and supported by and removed with said bricks, means for drawing air through successive kilns, and means for burning fuel in said flues in front of said openings.

1,569,954. COMPOSITE STRUCTURAL UNIT. JOSEPH G. DONALDSON and HENRY L. COLBS, Hamilton, Ohio, assignors to Guardian Metals Company, Hamilton, Ohio, a Corporation of Delaware. Filed June 29, 1923. Serial No. 648,410. 13 Claims. (Cl. 29—181.)



1. As a new article of manufacture, a core of high heat resisting material, sheath material associated therewith, and an air-chamber formed within the composite mass so constituted.

1,569,955. WATERPROOF QUILTING. RICHARD FALTER, New York, N. Y. Filed Sept. 19, 1924. Serial No. 738,732. 2 Claims. (Cl. 154—50.)



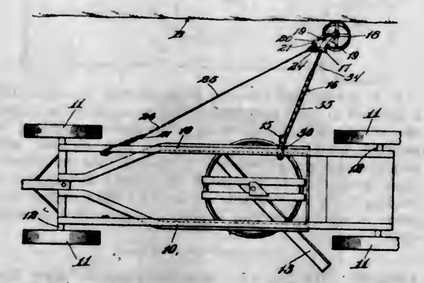
1. An article of manufacture comprising a quilted flannel padding and an outside flannel sheeting, said flannel padding and sheeting being united and rendered waterproof on the inner surface thereof.

1,569,956. METHOD OF PRODUCING A PHARMACEUTICAL PREPARATION AND A PHARMACEUTICAL PREPARATION THUS PRODUCED. LARS FLODQUIST, Stockholm, and INGE GUSTAFSSON BLOMQUIST, Stocksund, Sweden, assignors to Aktiebolaget Pharmacia, Liljeholmen, Stockholm, Sweden, a Joint Stock Company Limited of Sweden. Filed Sept. 20, 1923. Serial No. 663,802. 2 Claims. (Cl. 167—7.)

1. A method of producing a pharmaceutical preparation which comprises adding about 50 parts by weight of dextrose mixed with about 10 parts by weight of levulose to a sufficient quantity of water to obtain a semi-fluid solution at common inside temperature, thereafter adding to said solution about 20 parts by weight of adrenalin solution containing 1 part by weight of adrenalin in about 1000 parts by weight of water, dissolving in the solution 10 parts by weight of cocaine, adding 0.75 parts by weight of isoamylhydrocuprein dissolved in water as 1 part by weight of phenol or a corresponding quantity of cresol is added, whereupon water is added in such an amount that the whole mixture contains 100 parts by weight.

2. A pharmaceutical preparation consisting of about 50 parts by weight of dextrose, 10 parts by weight of levulose, 0,02 part by weight of adrenalin, 10 parts by weight of cocaine, .75 part by weight of isoamylhydrocuprein, 1 part by weight of phenol, and 28.23 parts by weight of water.

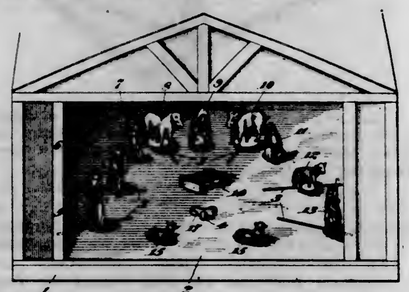
1,569,957. ROAD GRADER. MARTINUS FLUTO, Wyndmere, N. Dak. Filed Nov. 6, 1924. Serial No. 748,233. 5 Claims. (Cl. 280—150.)



1. In combination with a road grader having a longitudinally extending frame member, an extensible bar pivoted to said frame member and swingable from a position where it parallels the frame member to a position where it extends outwardly, downwardly and slightly rearwardly from the frame member, said rod being of greater length than the vertical distance between its pivot and the ground, a caster-wheel carried by

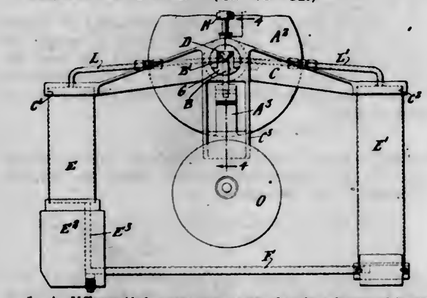
the outer end of the bar, and a flexible connection between the caster-wheel and said longitudinally extending frame member at a point in advance of such pivotal connection.

1,569,958. RELIGIOUS AUTOMATA. JOSEPH C. FREIDHOFF, Johnstown, Pa. Filed Nov. 1, 1922. Serial No. 598,303. 5 Claims. (Cl. 46—40.)



1. In an automaton, a floor provided with a slot therein, a figure mounted over said slot provided with a crank secured thereto and extending below the floor, a pitman pivotally connected to said crank, and a motor operated crank connected to the opposite end of said pitman; whereby the figure will be moved backward and forward along the slot and reversed at the end of each linear movement to face in the direction of the succeeding linear movement.

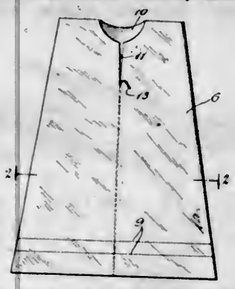
1,569,959. DIFFERENTIAL PRESSURE GAUGE. JOSEPH W. GAMBLE, deceased, late of Philadelphia, Pa.; Martha Gamble, executrix, Philadelphia, Pa., assignor to Cochrane Corporation, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Feb. 2, 1921. Serial No. 441,908. 3 Claims. (Cl. 73—31.)



1. A differential pressure gauge having in combination a pivoted U tube and means for connecting the tops of the U tube with the sources of pressure comprising two parallel torsional tubes mades of thin eleastic metal firmly connected at one end to the U tube structure in close proximity to its point of pivotal suspension extending for a considerable distance at right angles to its plane of oscillation and rigidly anchored to their other ends.

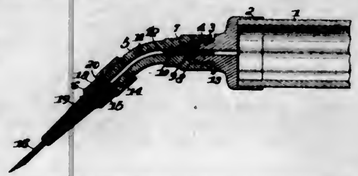
1,569,960. RAINCOAT. WALTER BEISLER, New York, N. Y. Filed July 3, 1925. Serial No. 41,257. 2 Claims. (Cl. 2—88.)

1. A raincoat formed from a single length of material divided intermediate its ends with a transverse folding line to form front and back portions, the longitudinal edges of which are secured together, one of said portions being provided with an opening and a slit communicating therewith, and means formed on one of said portions extending from said slit to the bottom of said portion defining a line of severance, whereby said portion may



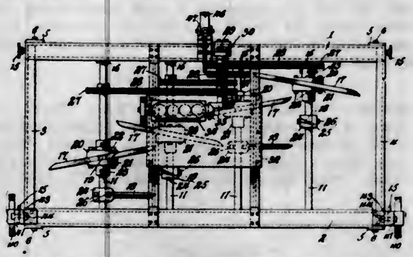
be readily ruptured along said line, and said portion transformed from one continuous portion into two fragmentary sections.

1,569,961. HYPODERMIC SYRINGE. MAHLON FLOYD BAUCHERT, El Paso, Tex. Filed Oct. 8, 1919. Serial No. 329,251. 4 Claims. (Cl. 128—218.)



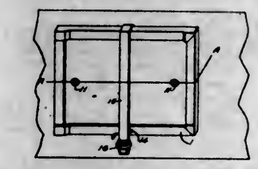
1. A hypodermic syringe including a combined coupling and flow regulating member comprising a joint-forming ball and a tubular member with a bore of predetermined diameter, extending through and beyond the ball thereby providing means for retaining the coupling in place upon separation of cooperating receiving parts and also means enabling the grasping and removal of the coupling.

1,569,962. PLOW. LEE PERKINS BIGGERS, Palmersville, Tenn., assignor of sixteen per cent to Homer Buckley, Martin, Tenn., sixteen per cent to Blaine Biggers, St. Louis, Mo., and sixteen per cent to Edward McAuliff, East St. Louis, Ill. Filed Nov. 4, 1922. Serial No. 599,108. 7 Claims. (Cl. 97—39.)



1. In a wheeled plow, a plurality of parallel shafts disposed substantially in the line of travel, sector-shaped disk plows rigidly mounted on the shafts in planes oblique to the axes of the respective shafts, a pulverizing tooth on each shaft also inclined to the direction of the shaft, and a motor to which the shafts are geared to rotate in unison, said shafts being so disposed that certain of the disk sectors on each side of the implement will engage the ground simultaneously while others on each side are above the ground, whereby the load is distributed so as to obtain a continuous and substantially uniform action.

1,569,963. CONTAINER FOR AUTOMOBILE REGISTRATION CARDS. JACK BROWNE, Oklahoma City, Okla. Filed Aug. 26, 1925. Serial No. 52,620. 1 Claim. (Cl. 40—17.)



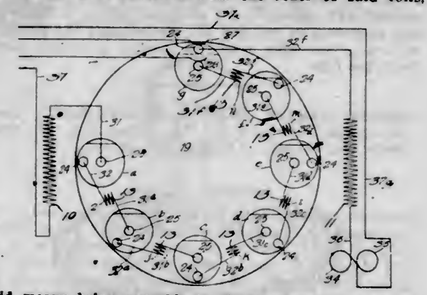
A metallic container, as described, having one open end, and comprising a metallic slide having one L-shaped end slidably fitting into said open end of said container, a certificate and a sheet of isinglass thereover, fitting in groove in said L-shaped end, and into said container, slots in front and back of said container, and in said slide, certificate and sheet of isinglass conjugate with each other, a seal-strap passing therethrough and around said container between raised portions on back thereof, and sealed taut around said container by a metallic seal, male and female screw members securely fastening container to instrument board of an automobile.

1,569,964. TRUSS. GEORGE W. CARDEY, Lancaster, Wis., assignor of one-half to Joseph A. McCoy, Lancaster, Wis. Filed Feb. 13, 1925. Serial No. 8,996. 2 Claims. (Cl. 128—112.)

1. A truss comprising a waist line belt of elastic and pliable vulcanized rubber, and a pad attached to said belt including a casing having an inner member formed of elastic and pliable vulcanized rubber, said belt embodying a pair of similar bands connected at their ends and substantially free of connection with each other throughout the remaining portions thereof, means carried by the ends of the bands for adjustably connecting the same, said pad casing further embodying an outer casing member interposed between the bands of the belt and secured to the latter, and a filling of padding material between the members of the pad casing inwardly of the belt bands.

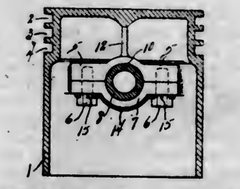
1,569,965. TRANSFER SWITCH. CHAUNCEY C. CHAPIN, Sterling, Colo. Filed July 18, 1924. Serial No. 726,755. 3 Claims. (Cl. 171—242.)

2. In combination with a transformer having a primary coil, a secondary coil and a plurality of coil sections of relative small inductance, means for connecting the coils and coil sections in two electrical circuits, one of said circuits including all or a part of the coil sections in series relation with one of the said coils, and the other circuit including the remainder of the said coil sections in series relation with the other of said coils,



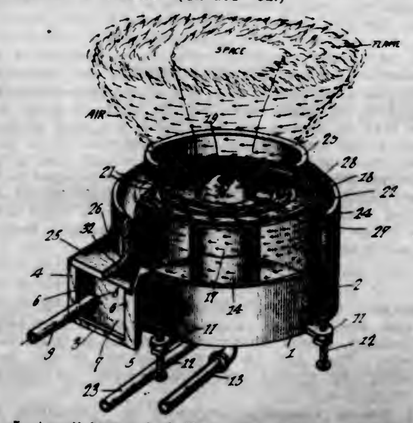
said means being operable to simultaneously change the respective connections so as to subtract a particular coil section from one circuit and add it to the other.

1,569,966. PISTON. DANIEL E. CLAYPOOL, Fort Worth, Tex. Filed Nov. 24, 1922. Serial No. 602,921. 1 Claim. (Cl. 74—108.)



A piston having a head provided with annular grooves for piston rings and a skirt having an unbroken periphery and bearing members wholly within said piston the upper part of the bearing being integral with the skirt, and a hollow open ended pin having an aperture through its wall intermediate its ends and held in place by said bearing members and having its ends projecting in close proximity to the walls of the piston, and said piston having oil ducts leading from the lowest groove to the open ends of said pin.

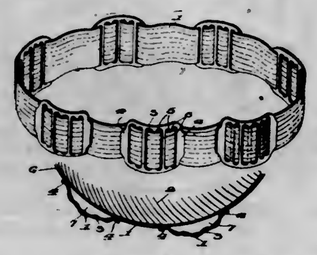
1,569,967. OIL BURNER. WILHELM G. DANIELSEN, Independence, Mo. Filed Mar. 16, 1925. Serial No. 15,944. 5 Claims. (Cl. 158—92.)



5. An oil burner including a base having an air chamber, means for directing air under pressure tangentially into said chamber, a central core within said chamber,

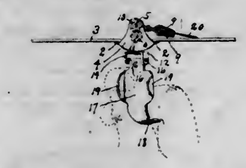
a spreading disk supported by the core in the upper portion of the air chamber and having a central supply opening and concentric oil retaining means, a deflecting ring supported by the base and overhanging the marginal portion of the disk, said ring having a central outlet above the disk.

1,569,968. GARTER, ARMLET, OR LIKE BAND. LEON M. DAVIS, Fairmont, W. Va. Filed Oct. 24, 1924. Serial No. 745,653. 1 Claim. (Cl. 241—5.)



A garter, armlet or like band comprising a member adapted to encircle a portion of the body of a wearer, and a bearing member for spacing a portion of said encircling member from the encircled portion of the body of the wearer, said bearing member comprising a longitudinally arched body having contact portions at its opposite ends turned outwardly and upwardly to produce smooth contact faces next to said band and having spaced apart transverse slots through which said encircling member may be threaded to extend between said contact portions and the encircled portion of the body of the wearer.

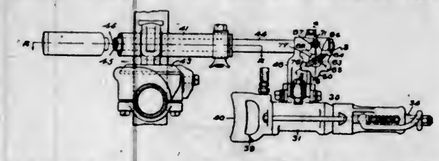
1,569,969. RAZOR STROPPER. EDWARD B. GIBFORD, Adrian, Mich. Filed Jan. 10, 1922. Serial No. 528,218. 3 Claims. (Cl. 51—153.



1. In a razor stropping device, the combination of a channel shaped base having rounded edges and upwardly extending perforated ears, a pair of shafts mounted in said ears and gears connecting the shafts, a roller on one shaft to depress the strop below the plane of the edges of the base, a razor blade holder mounted on the other shaft, and a handle connected to said base by a universal joint at one side of the middle point of said razor blade holder and comprising a plate having a curved outer end and side flanges to receive a finger and the thumb of the hand by which the stropping device is moved along the strop.

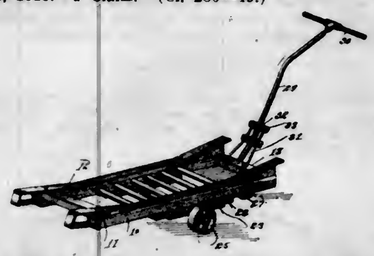
1,569,970. DRILLING APPARATUS. GEORGE H. GILMAN, Boston, Mass., assignor to Sullivan Machinery Company, Boston, Mass., a Corporation of Massachusetts. Filed Apr. 14, 1915, Serial No. 21,435. Renewed Nov. 2, 1922. Serial No. 598,646. 30 Claims. (Cl. 121—4.)

1. Drilling apparatus comprising in combination a drill bit; automatic drill bit rotating means; a percussive engine; pressure fluid actuated feeding and retracting means for moving said percussive engine toward and away from the work, said feeding and retracting means being offset from but in substantially parallel relation to said drill bit; drill bit retaining means engaging said percussive engine and said drill bit and permitting retraction of said drill bit when said percussive engine



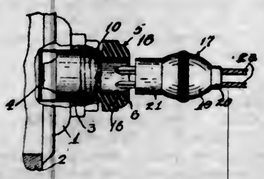
is retracted by said retracting means; and coordinately controlled pressure fluid control means permitting simultaneously effective operation of said retracting means and said drill bit rotating means or, at the option of the operator, operation of said retracting means without operation of said drill bit rotating means.

1,569,971. TRUCK. PITTMAN GILLIAM, Cleveland, Ohio. Filed Sept. 8, 1922, Serial No. 586,908. Renewed Dec. 14, 1925. 1 Claim. (Cl. 280—49.)



In a truck, a frame including a pair of spaced longitudinally extending side members, wedge shaped blocks arranged upon the upper faces of the side members at the forward terminal thereof, truck irons carried by the upper faces of the side members having their forward terminals inclined upwardly and resting upon the inclined faces of the wedge blocks, a transverse connecting member secured to the upper faces of the side members at the rear terminals thereof having its upper face inclined downwardly toward the transverse center of the truck, the rear terminals of the truck irons being inclined upwardly and resting upon the inclined face of the transverse connecting member, the extreme rear terminals of the truck irons being extended rearwardly of the transverse member and provided with depending and inwardly extending extensions engaging the rear terminals of the side members, anti-friction members carried by the side members, and wheels for supporting the frame.

1,569,972. PULL-OFF PLUG. JOHN B. GLOWACKI, Chicago, Ill. Filed Aug. 11, 1919. Serial No. 316,668. 3 Claims. (Cl. 173—343.)



1. A device of the class described, including in combination a socket comprising a threaded metallic sleeve, a cylinder of insulating material within said sleeve, a pair of parallel metallic contacts arranged in apertures

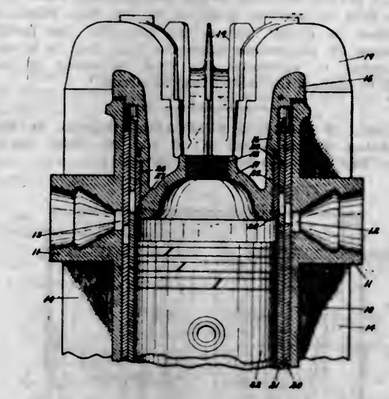
within said cylinder, a central boss at the end of said cylinder, an electrical connection between one of said contacts and said boss, and another electrical connection between the other of said contacts and said sleeve, a plug comprising a metallic sleeve, an insulating lining within said sleeve, and a pair of parallel metallic contacts fitting into and projecting from said lining to engage the pair of first mentioned contacts, said second pair of contacts being apertured in their inner ends detachably to receive a pair of leads.

1,569,973. LENS. FRIEDRICH K. GOETTERT, San Francisco, Calif. Filed July 30, 1923. Serial No. 654,750. 1 Claim. (Cl. 240—48.4.)



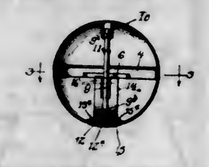
A lens comprising a lens-shaped receptacle of transparent material filled with a transparent liquid having means thereon allowing the same to be secured in front of a vehicle headlight and having a central aperture allowing the lens to be filled therethrough and a stopper for closing the aperture, the aperture and the stopper being disposed to absorb light rays emanating from the headlight.

1,569,974. PACKING RING. OTTO W. GREENE, Elyria, Ohio, assignor to The Willys-Overland Company, Toledo, Ohio, a Corporation of Ohio. Filed Jan. 13, 1921. Serial No. 436,985. 6 Claims. (Cl. 123—75.)



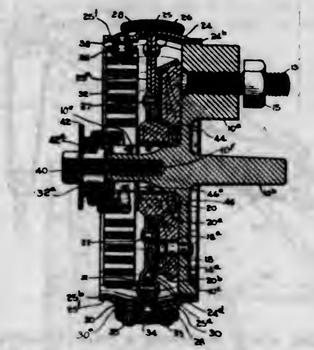
2. In a sliding sleeve valve engine, a cylinder head and a junk ring formed of metallic materials having different coefficients of expansion, said head having a socket for the reception of said ring, one edge of the ring and the corresponding wall of the socket being beveled whereby the variation in relative dimensions due to expansion and contraction will be compensated for and a tight fit maintained.

1,569,975. BANK. AUGIE L. HANSEN, Chicago, Ill., assignor to A. L. Hansen Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed May 25, 1923. Serial No. 641,321. 4 Claims. (Cl. 46—36.)



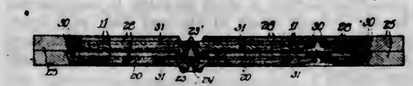
1. A bank comprising a pair of hemispherical sections adapted to be secured together in abutting engagement, one of said sections having an internal flange interfitting with the edge of the other section, said flange and last mentioned section having complementary slots therein adapted to register with each other to form a coin slot, and locking members formed at the ends of said coin slot for locking said sections against relative rotation.

1,569,976. REBOUND CHECK. ROBERT H. HASSLER, Indianapolis, Ind. Filed Feb. 14, 1925. Serial No. 9,198. 5 Claims. (Cl. 267—10.)



1. In a rebound check, an oscillating drum, a friction element, means for oscillating the drum, spring means for maintaining pressure on the friction element, said means consisting of a spirally wound member, the larger diameter convolutions exerting a torsional pull and the central convolutions exerting an axial pressure.

1,569,977. METHOD OF MAKING CONCRETE TILES. ARTHUR G. HATCH, Duluth, Minn. Filed Jan. 17, 1924. Serial No. 686,871. 2 Claims. (Cl. 25—155.)

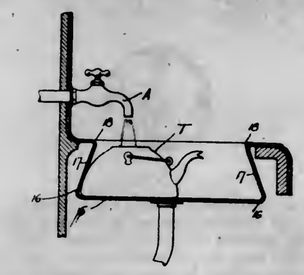


1. The method of making concrete tile or the like which comprises the application of oil to suitable forms, the deposition of coloring material upon the oil film on the forms, and the placing of plastic concrete in the forms.

1,569,978. SINK. CHARLES E. HOWARD, Los Angeles, Calif. Filed Aug. 2, 1924. Serial No. 729,789. 2 Claims. (Cl. 4—187.)

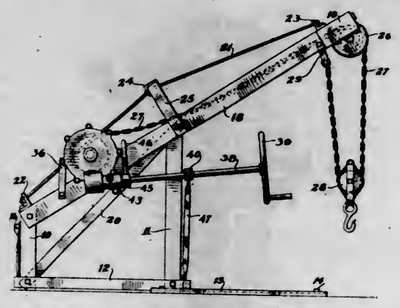
1. A sink having the side walls thereof converging from the bottom to the top to dispose its bottom side edges beyond the top side edges and that side wall which

is adapted to be disposed directly beneath a faucet being inclined from the top of the sink in a direction outwardly



and rearwardly from the sink, so that a vessel having sides diverging from top to bottom may have its mouth disposed directly beneath the faucet.

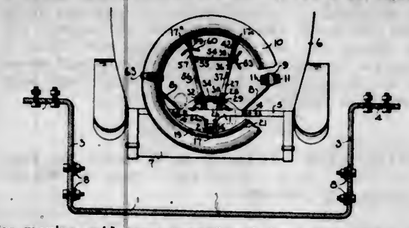
1,569,979. HOISTING CRANE. OSCAR S. HUBBARD, Farmland, Ind. Filed Nov. 20, 1923. Serial No. 675,875. 1 Claim. (Cl. 212—142.)



A hoisting device comprising a frame including front and rear posts, parallel angle irons connecting the lower ends of the posts and having out-turned flanges constituting runners, a truck bed, parallel tracks secured longitudinally to the upper surface of said truck bed and having overhanging flanges beneath which said angle irons are slidable, a pair of upwardly and rearwardly converging beams secured to the upper ends of the posts and forming a boom, hoisting tackle carried by the end of the boom, a drum journaled on the forward portions of said beams for winding up the hoisting tackle, a bar secured transversely of the rear posts and projecting to one side of said frame, a bearing at the extremity of said projecting portion, a shaft mounted in said bearing and having a hand wheel at its rear end, and means for operatively connecting the front end of said shaft to the drum for rotating the latter to wind up said hoisting tackle.

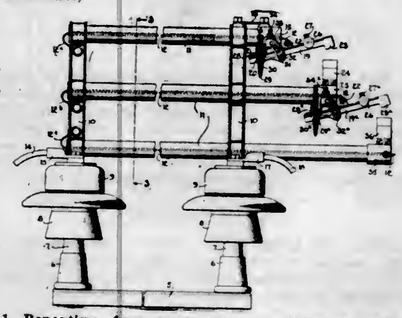
1,569,980. COMBINED SPARE-TIRE CARRIER AND RIM CONTRACTOR AND EXPANDER. HORACE K. JOHNSON, John Day, Oreg., assignor of one-third to Ira G. Boyce and Clara A. Boyce and one-third to Frank C. Hacheney, all of John Day, Oreg. Filed June 19, 1922. Serial No. 569,194. 21 Claims. (Cl. 224—29.)

1. In a rim contractor and expander, a rigid base member adapted to be secured to a fixed support, clamping means on the base member for engaging a split wheel rim at a point remote from the split portion, a pair of arms oscillatable toward each other in the same vertical plane, means for pivotally connecting said arms to said base member, clamping means on the ends of said arms for engaging the ends of the split portion at each side thereof, means connecting the arms together



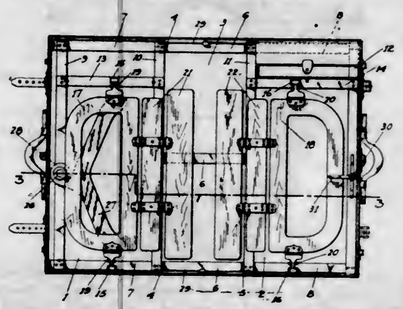
for moving said arms toward and from each other with the ends of the split rim connected thereto, and means for moving one of said arms so as to shift the split ends of the rim out of circular alignment.

1,569,981. EXPULSION-TYPE REPEATING FUSE. TOMLINSON FORT JOHNSON, Jr., Atlanta, Ga. Filed Aug. 12, 1922. Serial No. 581,453. 14 Claims. (Cl. 200—126.)



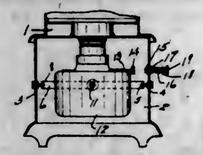
1. Repeating fuse apparatus comprising a pair of fuses, a gravity operated switch between said fuses normally held in inactive position by the fuse which is connected in circuit, means for retarding the initial movement of the switch after the first fuse is blown, and means to accelerate the final movement of the switch to connect the second fuse in circuit.

1,569,982. WARDROBE SUITCASE. GABRIEL M. KAPRIELIAN, Fresno, Calif. Filed Aug. 20, 1924. Serial No. 733,107. 4 Claims. (Cl. 190—41.)



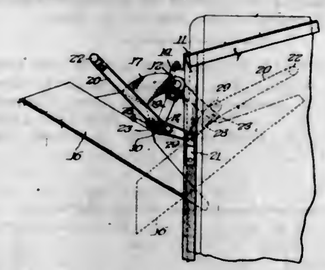
1. In a suit-case, guides arranged therein, a flat presser element, and pinch clamps on the presser element to engage the guides and position the presser element, such presser element having a rigid flap hinged along one edge thereof.

1,569,983. KEROSENE HEATER. PAUL ADOLF KAYSER, San Francisco, Calif. Filed Aug. 15, 1925. Serial No. 50,380. 1 Claim. (Cl. 126—96.)



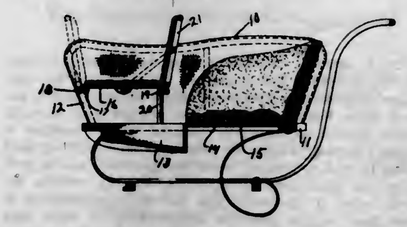
In a kerosene heater as described, embodying a case, a kerosene reservoir in said case; bearings for said case; threaded pins with reduced pivot points engaging said bearings; a flat ring pivoted on said pivot points; bearings formed in said flat ring; pivot bearings for said kerosene reservoir; threaded pins with reduced points secured in the bearings of said flat ring, engaging the pivot bearings of said kerosene reservoir; a wick screw shaft for said kerosene reservoir; the half of a jaw clutch mounted on said wick screw shaft; a bearing on the outer side of said case; a shaft journaled in said bearing; the other half of said jaw clutch on said shaft; a coil spring on said shaft; and a hand wheel for said shaft.

1,569,984. SHAFT-ROCKING MECHANISM. PERCY RAYMOND KEMBLE, West Allis, Wis., assignor to The T. L. Smith Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Feb. 14, 1924. Serial No. 692,683. 2 Claims. (Cl. 74—5.)



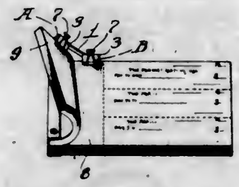
1. Shaft rocking means comprising an arm keyed to the shaft, a lever pivotally supported adjacent the shaft, means carried by an intermediate portion of the lever slidably engaging the arm, a handle on the free end of the lever, and stop means carried by the end of the arm preventing disengagement of the arm and means carried by the lever.

1,569,985. BABY CARRIAGE. ERIC KUNIHOLM, Gardner, Mass., assignor to O. W. Siebert Company, Gardner, Mass. Filed Aug. 14, 1922. Serial No. 581,617. 2 Claims. (Cl. 296—63.)



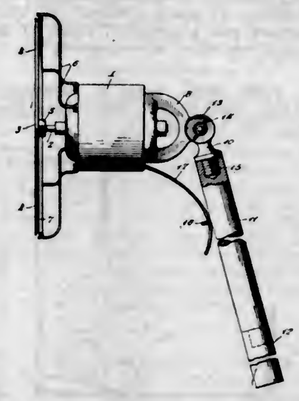
1. A baby carriage comprising a body having a seat at one end, an auxiliary seat permanently fixed in raised position at the other end of said body, a back for said seat, a pair of links pivoted directly to said back and to said seat and reversibly connecting the center of each side of the back with the center of each side of the seat, and means to secure either edge portion of said back to an edge portion of said seat.

1,569,986. HOLDER FOR CHECK BOOKS. LOUIS G. KURTZEBORN, St. Louis, Mo. Filed June 3, 1922. Serial No. 565,607. 3 Claims. (Cl. 24—81.)



1. A holder for supporting portions of a bank check book separated from one another, comprising a pair of clamping members spaced apart from one another each having a vertically disposed back portion, and a resilient member pivotally secured to the back portion of each of said clamping members for holding them in their spaced apart relation.

1,569,987. HEDGE TRIMMER. VINCENZO LAMBERTI, Brooklyn, N. Y. Filed Aug. 19, 1925. Serial No. 51,087. 1 Claim. (Cl. 30—11.)

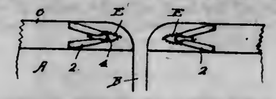


A hedge trimmer including a motor, a guard carried by said motor, and including an annular ring, a cutter having a hub mounted upon the shaft of said motor, said cuter also having opposed blades extending from said hub to the periphery of said ring, a bracket carried by said motor and having an extension, a sectional handle having one of the sections thereof pivoted to said extension to permit of various angular adjustments of the handle relative to said motor, and means for securing said handle in its adjusted position.

1,569,988. COLLAR-BAND ATTACHMENT. ALBERT W. LAND, Topeka, Kans. Filed Nov. 18, 1921. Serial No. 516,186. Renewed Aug. 3, 1925. 1 Claim. (Cl. 2—127.)

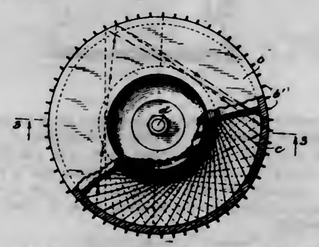
In combination with a shirt having a collar band with button holes adjacent to its ends, attachments consist-

ing of flat strips of material of uniform width, folded into V-form loops and secured at their spaced ends to



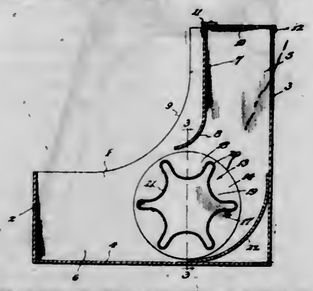
said collar band adjacent to the button holes, the bight of said loops lying intermediate the ends of the button holes to vary the effective length of the neck band.

1,569,989. UNIVERSAL JOINT. AUGUST H. LEIPERT, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed June 19, 1923. Serial No. 646,329. 3 Claims. (Cl. 64—96.)



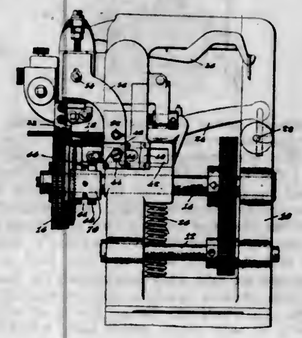
1. A universal joint of hyberbolic form having circular flanges for connection, respectively, to driving and driven members and composed of sheets of cord fabric cut on the bias and laid up with the main strands extending in parallelism in opposite directions and crossing, respectively, at points between the driving and driven members, and a carrier of rubber of hyperbolic form in which said sheets are embedded.

1,569,990. FEED BOX. ERSUL E. LOVERING, Watford City, N. Dak. Filed Nov. 17, 1924. Serial No. 750,395. 4 Claims. (Cl. 119—54.)



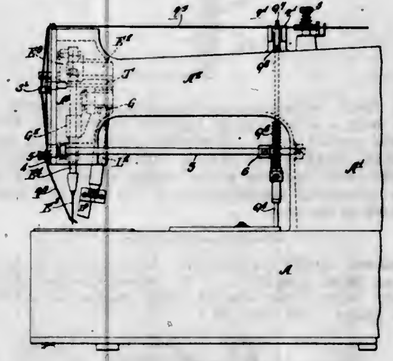
1. A feed box having a bottom, and side, front and rear walls, a partition wall extending between the side walls in advance of the rear wall and defining, in conjunction therewith, a feed hopper, the portion of the box in advance of the partition wall constituting a feed trough, a freely rotatable drum mounted between the side walls below the lower edge of the partition wall and at the lower front of the hopper and having a circumferential series of feed collecting pockets to collect the feed from the hopper and deliver the same to the trough during rotation of the drum, and a guide plate in the lower rear portion of said hopper extending between the side walls thereof and having its upper edge portion secured to the rear wall of the hopper, said guide being curved downwardly and forwardly in converging relation to the drum and having its lower portion extending beneath the drum in close proximity thereto and secured to the bottom of the hopper.

1,569,991. MACHINE FOR USE IN THE MANUFACTURE OF SHOES. THOMAS LUND, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Sept. 16, 1921. Serial No. 501,127. 32 Claims. (Cl. 12—27.)



32. A stock-treating machine comprising, in combination, an instrumentality progressively to operate upon a piece of stock, means continuously in engagement with the stock during the operation of said instrumentality thereon for measuring a characteristic of the stock, and means controlled by the measurement so made for changing the location of the instrumentality inwardly with respect to the edge of the stock.

1,569,992. THREAD PULLER FOR AUTOMATIC STOP SEWING MACHINES. MICHAEL MCCANN, Glenmorris, N. Y., assignor to Frederick Osann Company, New York, N. Y., a Corporation of New York. Filed May 16, 1925. Serial No. 30,752. 3 Claims. (Cl. 112—242.)



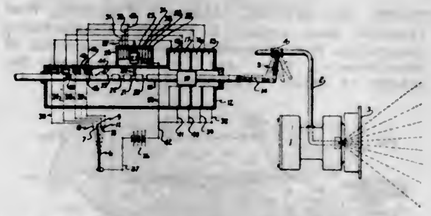
1. In a sewing machine having an automatic stop device for arresting the motion of the machine, the combination therewith of a tension device through which the threads pass located close to the needles and movable through a path substantially parallel to the needles, a machine element, means for holding and retracting said element in and to normal retracted position, means connecting the said machine element with the tension device to move it upward when the machine element is moved from normal position and downward when said element returns to normal position, and means moving in coordinated relation to the stop motion actuating mechanism whereby the said machine element is shifted from normal position immediately before the machine is stopped and permitted to return to normal position substantially simultaneously with the starting of the machine.

1,569,993. FISH LURE. SIDNEY B. MACLEOD, South Chicago, Ill. Filed Nov. 20, 1924. Serial No. 750,995. 3 Claims. (Cl. 43—46.)



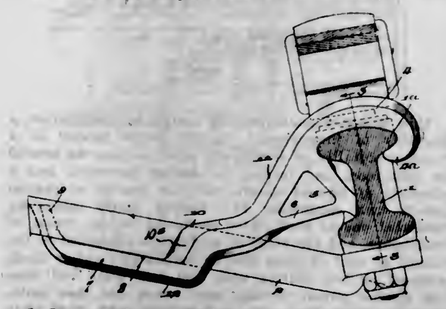
1. A fish lure, comprising a fish-like structure having throughout substantially the yielding resilient qualities of a natural fish, and a weighting mass therein substantially as yielding as the body part of the lure.

1,569,994. THERMOSTATIC CONTROL DEVICE FOR FUEL BURNERS. DORR R. MARTIN, Detroit, Mich. Filed Feb. 3, 1922. Serial No. 533,855. 6 Claims. (Cl. 236—76.)



2. The combination with a fluid fuel burner for a heating appliance, of a temperature controlled device for varying the flow of fuel to the burner, said device being actuated through variation in temperature of the heated area and consisting of a valve adapted to be actuated to vary the volume of flow of fuel to the burner, an element movable to operate the valve, a series of solenoids in axial alignment, a core therefor carrying the said movable element, a series of circuits for each solenoid, a contact point for each circuit, a thermostat, a contact member movable by the thermostat from one contact point to the other to successively complete the respective circuits, a decrease in temperature of the area heated causing the thermostat to increase the flow of fuel and an increase in temperature of the heated area causing the thermostat to decrease the flow of fuel.

1,569,995. AXLE BRACE AND POSITIONER. JAMES A. MEDANS, South Boston, Va. Filed Jan. 22, 1925. Serial No. 4,130. 4 Claims. (Cl. 267—66.)

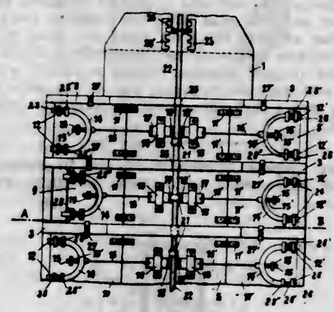


1. In a device of the character described, a brace member having means adapted to engage with the front axle of an automobile to secure the brace member thereto, said brace member having an arm adapted to engage under a radius rod of the automobile, said arm having shoulders adapted to engage the radius rod to prevent lateral displacement of the brace member, the arm being held engaged with the radius rod solely by virtue of its disposition under the rod and by virtue of the action of the shoulders.

1,569,996. ALLOY. JAMES I. MEE, Hamilton, Ohio. Filed Feb. 6, 1925. Serial No. 7,388. 4 Claims. (Cl. 75—1.)

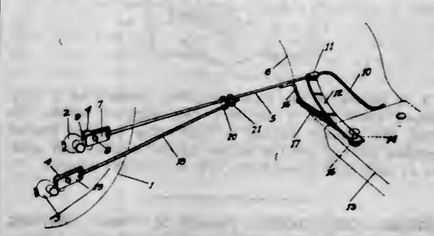
1. As a new composition of matter, an alloy steel comprising tungsten, vanadium, carbon, chromium, sulphur, copper, iridium, and pig iron in substantially the proportions set forth.

1,569,997. DISCHARGING DEVICE FOR VEHICLES. CONRAD MÖLLER, Berlin-Charlottenburg, Germany. Filed Dec. 30, 1924. Serial No. 758,933. 3 Claims. (Cl. 298—34.)



1. A discharging device for vehicles, comprising, in combination with the car bottom: a plurality of movable closing members for hatchways provided in said bottom along both sides of the car body, and separately releasable means for retaining said members in closed position; a longitudinal shaft located below the car-bottom and adapted to be turned in either direction, as well as to be shifted longitudinally; arms affixed to said shaft, transversely disposed slides attached to the car bottom between said closing members and being engaged singly by said arms; and means connecting said slides with the separately releasable retaining means of the individual hatchway closing members.

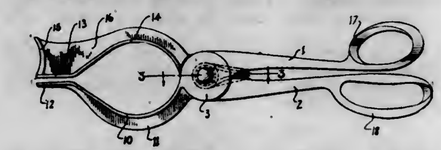
1,569,998. PET-COCK-OPERATING DEVICE. ARCHIE MYERS, Sacramento, Calif. Filed Dec. 13, 1924. Serial No. 755,650. 2 Claims. (Cl. 137—139.)



1. An operating device for petcocks disposed in vertically spaced relation including a pair of rods, means on said rods for attachment to the handles of the pet-cocks, a handle on one of said rods, and connecting means between the rods arranged to cause both rods to turn

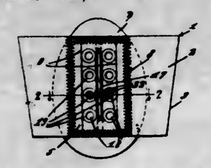
together after the handle has been turned through a certain arc and enabling the connection with the petcock handles to be individually made without disconnecting the rods from each other.

1,569,999. CLOTHES TONGS. VICTOR E. NELSON, Redford, Mich. Filed June 8, 1922. Serial No. 566,745. 2 Claims. (Cl. 68—6.)



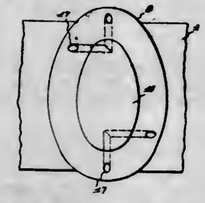
1. A clothes tongs for feeding clothing into a wringer comprising two levers pivoted together intermediate their ends, the levers being formed to provide a pair of handles at one end and a pair of clamping jaws at the other end, the said jaws being arched away from each other adjacent the pivot point and being flattened at the extreme end to extend in parallel relation when closed, an arcuate extension formed integrally with one of the said jaws for engaging one of the rolls of the wringer, and a web connecting the extension with the said jaw.

1,570,000. ARCH SUPPORT. ISAAC M. PEASE, Cincinnati, Ohio. Filed Aug. 4, 1923. Serial No. 655,623. 2 Claims. (Cl. 36—71.)



1. In a device of the class described, a loop-shaped band having a longitudinal slit, a pad, and a fastener carried by the pad, the fastener being movable in the slit.

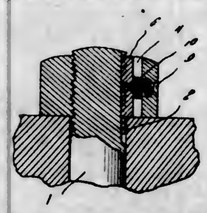
1,570,001. ARCH SUPPORT. ISAAC MERRICK PEASE, Cincinnati, Ohio. Filed July 8, 1924. Serial No. 724,823. 4 Claims. (Cl. 36—71.)



1. A device of the class described comprising a loop-shaped band and a resilient foot support within the band, the support having a ventilating passage located between the top and the bottom of the support and opening at both ends through the side wall of the support.

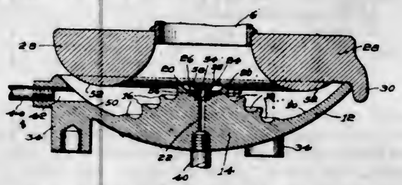
1,570,002. NUT LOCK. JOSEPH M. PERRY, Mayfield, Pa. Filed Apr. 23, 1925. Serial No. 25,364. 1 Claim. (Cl. 151—10.)

In a structure of the class described, a nut provided with a vertical groove opening through the top and bottom and into the usual central screw threaded bore, there being a pocket formed at the center of the groove, a retaining key fitted into said groove, and having its ends flush with the top and bottom of the nut, said key being provided with a pair of projections slidably disposed in said pockets and permitting transverse movement but preventing longitudinal movement of the key in said



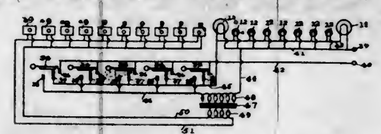
groove, a coil spring having one end disposed in said pocket and its other end bearing against said key, said key being formed with a screw threaded hole, and a retracting bolt carried by said nut and having its threaded shank extending into said screw threaded hole.

1,570,003. OIL BURNER. ALBERT V. PICKERING, West Townsend, Mass., assignor to Townsend Manufacturing Corporation, West Townsend, Mass., a Corporation of Massachusetts. Filed Aug. 4, 1923. Serial No. 655,690. 4 Claims. (Cl. 158—92.)



2. A burner of the class described having, in combination, a lower member of bowl-like form having a central conical projection provided with a vertical oil inlet leading to the top thereof, an upper member having a convexed lower surface, supported on the upper edge of said lower member in spaced relation thereto to form a flame outlet slit between them, having an air intake above said oil inlet, and a burner tip in said inlet closing it against an inrush of air provided with side ports for supplying oil for consumption in the heat chamber between said members.

1,570,004. DETECTIVE PHOTOGRAPHIC SYSTEM. RALPH R. REED, Bellingham, Wash. Filed Jan. 21, 1925. Serial No. 3,770. 1 Claim. (Cl. 240—2.)



In a detective photographing system in combination, a plurality of incandescent electric lamps located in a room, a plurality of electrically operable cameras located in said room and focused on desired locations, and a plurality of manual electric switches located at desired points each comprising two contact plates separately insulated one of said plates connected to the circuit of said lamps, and the other of said plates connected to the circuit of said cameras and an oscillatable switch blade adapted to first contact with said first plate and close the electric circuit through said lamps and then maintaining said contact make contact with said other plate and close the electric circuit through the electric mechanism of said cameras.

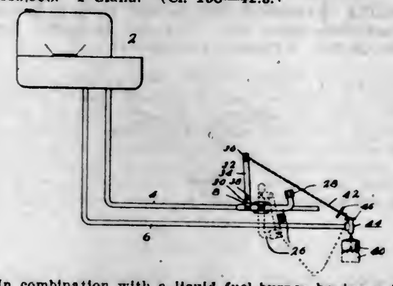
1,570,005. MEDIUM FOR BLEACHING, CRACKING, AND DESULPHURIZING PETROLEUM AND OTHER HYDROCARBON COMPOUNDS AND PROCESS OF PREPARING SAME. HERMAN REINBOLD and HUGO REINBOLD, Omaha, Nebr.; said Hugo Reinbold assignor to said Herman Reinbold. Filed Jan. 21, 1924. Serial No. 687,654. 14 Claims. (Cl. 23—233.)

2. The use of hydrous silicic acid in combination with a metal chloride as an oil treating medium.

1,570,006. PROCESS FOR TREATING ALUMINO-SILICATES. HERMAN REINBOLD and HUGO REINBOLD, Omaha, Nebr.; said Hugo Reinbold assignor to said Herman Reinbold. Filed Jan. 21, 1924. Serial No. 687,655. 12 Claims. (Cl. 23—111.)

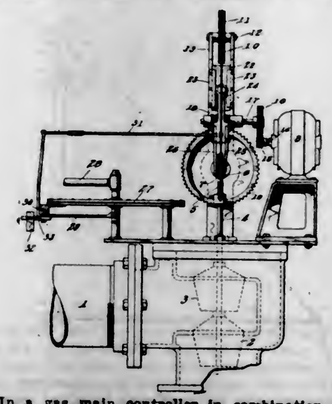
3. A process of treating alumino-silicate minerals, of the bentonite variety, for use as a water softening agent, comprising, grinding and sizing the mineral, calcining the sized mineral; treating the calcined mineral with a soluble aluminum compound and drying out the excess moisture.

1,570,007. AUTOMATIC CUT-OFF. NOVA E. RICHARDSON, Kansas City, Mo. Filed Aug. 6, 1923. Serial No. 655,995. 1 Claim. (Cl. 158—42.3.)



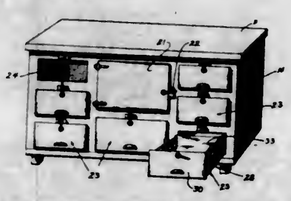
In combination with a liquid fuel burner having a feed pipe and an overflow pipe, a valve connected to said feed pipe, an arm fixed upon the valve stem, a weight fixed to said arm, links connected to said arm, a hammer pivotally connected to said links and adapted to swing downwardly and impinge against the weight on the arm to effect closing of the valve, and mechanism associated with the burner for actuating the hammer.

1,570,008. GAS-MAIN CONTROLLER. RALPH B. RICHARDSON, Peoria, Ill. Filed Apr. 21, 1921. Serial No. 463,299. 7 Claims. (Cl. 50—10.



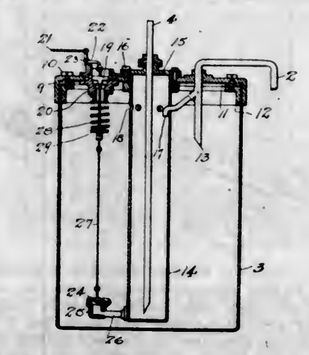
1. In a gas main controller in combination with the valves of a collecting main, a motor, reciprocally operated means for actuating said valves, means for continuously operating said valve actuating means from said motor, said valve actuating means including oscillatory means arranged for connection with said valves to alternately move the same in opposite directions, an actuating means operable by and under the changed conditions of pressure in said collecting main, a rocker arm connected between said actuating means and said oscillatory means, and an adjustable weight connected with said rocker arm, whereby the pressure at which the fluid is to be handled may be regulated.

1,570,009. REFRIGERATOR. ALBERT D. SANDERS, Jr., Evanston, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed June 15, 1922. Serial No. 568,398. 4 Claims. (Cl. 62—58.)



1. In a refrigerator the combination of a casing having a food chamber and an ice chamber therein, drawers in said food chamber and accessible from the side thereof, said drawers having non-foraminous ends and a movably adjustable partition of non foraminous material supported in said drawer.

1,570,010. FUEL-FEEDING SYSTEM. HEBER SCOWCROFT, Jr., Ogden, Utah. Filed Jan. 23, 1925. Serial No. 4,209. 4 Claims. (Cl. 158—46.5.)

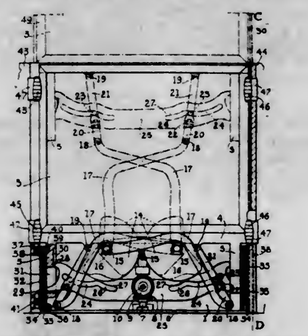


1. In a fuel feeding system a reserve tank and a standpipe therein, an inlet feed pipe normally adapted to fill both tank and stand pipe simultaneously, an outlet feed pipe communicating with the standpipe, fuel control means for normally closing communication between said tank and standpipe, vent means for normally closing said tank against atmospheric pressure, and means for opening said tank to the atmosphere, said fuel control means and vent means being so constructed that movement of one means produces a corresponding movement of the other means.

1,570,011. MECHANISM FOR RAISING AND LOWERING THE WINDOW FRAMES IN CONVERTIBLE VEHICLE BODIES. JACQUES EGIDE SERSTÉ, Brussels, Belgium. Filed Aug. 7, 1924. Serial No. 730,644. 18 Claims. (Cl. 296—48.)

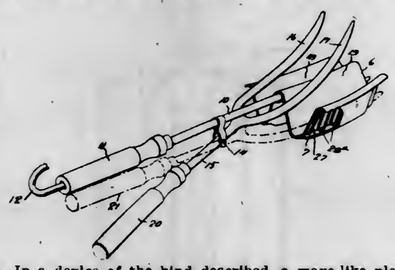
1. In a convertible vehicle body, the combination with a side wall of said body and a window frame adapted

to be lowered into a groove in said side wall, of a set of levers for moving said frame along said groove, a second set of levers at an angle to the first set for laterally moving said frame at a predetermined point of its travel, and means for operating said sets of levers.



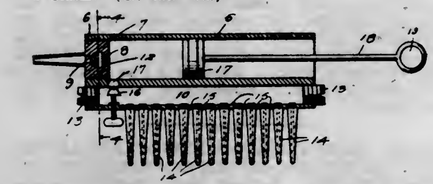
16. In a convertible vehicle body, the combination with a panel of said body, door hinges on said panel having their spindles in front of said panel, and a folding frame comprising windows and hinges connecting said windows with each other, said window frame being adapted to be lowered into a groove in said side wall, of means for moving said frame along said groove, and means for laterally moving said frame at the top of its travel to bring said window hinges respectively into alignment with said door hinges.

1,570,012. ELECTRIC HAIR WAVER. ROBERT P. SIMMONS, Cleveland, Ohio. Filed July 31, 1924. Serial No. 729,218. 11 Claims. (Cl. 219—24.)



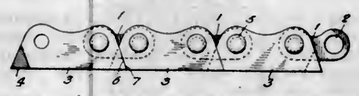
3. In a device of the kind described, a wave-like plate, flexible heating elements arranged upon the outer members of said plate, said heating elements comprising an insulated wire wound back and forth, and a cover attached to said plate and covering said heating elements.

1,570,013. FOUNTAIN COMB. NEWMAN W. SMITH, May, Ill. Filed Mar. 31, 1923. Serial No. 629,116. 1 Claim. (Cl. 132—13.)



A fountain comb comprising a barrel for containing liquid, having a nozzle threaded into one end, said nozzle having a threaded opening adapted to receive a valve, a piston slidably mounted in said barrel, a smaller barrel carried by the first mentioned barrel and having communication therewith, a valve controlling such communication, and a plurality of removable tines associated with the smaller barrel and having longitudinal bores therein which open into the smaller barrel.

1,570,014. SPROCKET CHAIN. HARRY P. STEVENS, New York, N. Y. Filed May 20, 1924. Serial No. 714,623. 5 Claims. (Cl. 74—32.)



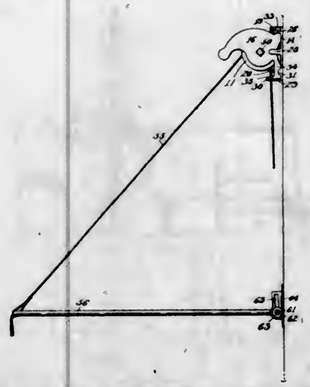
2. A chain comprising pivots and successive links having transverse ends which are adapted to abut on one side of a central longitudinal line connecting said pivots when said links are in alignment, said ends having longitudinally overlapping offset portions, the offsets on opposite sides of the chain being in opposite directions, to prevent transverse displacement when the links are in alignment, said links being independent of each other when the chain is flexed to separate said ends.

1,570,015. FASTENER FOR LACES. DAVID F. TROXELL, Rockbridge Baths, Va. Filed Apr. 23, 1925. Serial No. 25,317. 3 Claims. (Cl. 24—117.)



1. In a lace fastening device, a button having a foot adapted to be attached to a garment, a shank extending from the outer face of said foot, at substantially right angles thereto, a head at the outer end of the shank, said head being elongated with a V-cut at one of its narrow edges, and said shank having a half-round cross section with its flat side coinciding with said V-cut.

1,570,016. AWNING. JOHN C. TRUEMPER, Indianapolis, Ind. Filed May 1, 1924. Serial No. 710,432. 6 Claims. (Cl. 156—44.)



1. In an awning an extending arm, a supporting bracket for said arm, said bracket and arm having interengaging elements permitting rotation of the arm at one

position on the bracket and providing a sliding, nonrotating relation at another position said bracket having means for limiting the sliding movement of the arm in both directions.

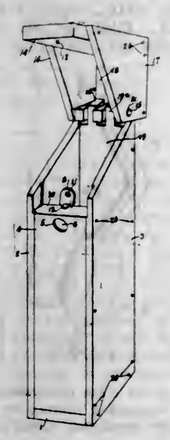
4. An awning support comprising two casing brackets, and two roller supporting brackets, one of said roller supporting brackets and one of said casing brackets being formed to interlock vertically and horizontally in one direction and to be relatively longitudinally slidable in the other horizontal direction; and the other casing bracket and roller supporting bracket being formed to interlock horizontally in both directions and to interlock vertically in one direction and to be vertically slidable in the other direction.

1,570,017. HEATER. HERBERT B. TYLER, Valparaiso, Ind. Filed May 19, 1921. Serial No. 470,857. 10 Claims. (Cl. 257—136.)



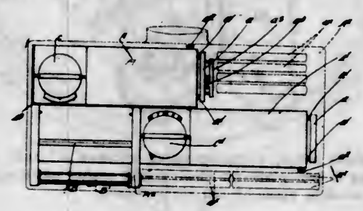
3. In a heater of the class described, a casing having a bottom inclined downwardly to an aperture, a radiator within the casing, a grate spanning the casing above the radiator, a vertically reciprocable door supported from above the bottom of the casing for closing the aperture therein, and an upwardly spring-pressed plunger disposed substantially flush with the grate at a point in the center thereof above the door for operating the same to open the aperture.

1,570,018. CONTAINER. DEAN T. WADDELL, Greenfield, Ohio, assignor to The Irwin Auger Company, Wilmington, Ohio, a Corporation of Ohio. Filed June 28, 1924. Serial No. 723,001. 1 Claim. (Cl. 217—5.)



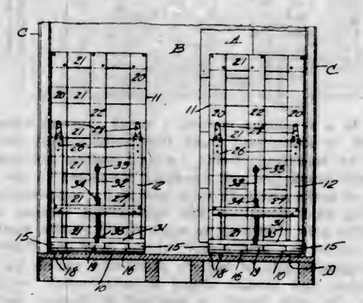
In a new article of manufacture consisting of a receptacle for bits, a bottom, side walls, a front wall and a rear wall, the front wall being shorter than the height of the side walls, and portions of the rear wall extending above the height of the side walls, a top pivotally mounted on said extended portions of the rear wall, portions of the back wall of the top interlocking with the portions on the rear wall of the box and the front of the top extended into a space formed between the side walls of the box, the side walls of the top and body of the receptacle being cut on an angle to the horizontal.

1,570,019. PIANO PLAYER. JOHN WEARHAM, Westminster, London, England, assignor to Vickers Limited, Westminster, London, England, a British Company. Filed June 20, 1922. Serial No. 569,598. 10 Claims. (Cl. 84—107.)



1. A piano player provided with strikers, comprising means for detachably connecting the player to a piano so that the strikers can operate upon the keys of the piano and means whereby the body of said player can be reduced in length after removal from the piano.

1,570,020. PORTABLE BULKHEAD. FREDERICK E. WELSH, Buffalo, N. Y. Filed July 20, 1925. Serial No. 44,786. 8 Claims. (Cl. 105—369.)

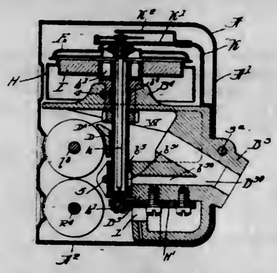


2. In a portable bulkhead of the character described, the combination of a base section, a folding section disposed transversely thereof and adapted to extend upwardly therefrom, said folding section being movably connected at its lower end to said base section, and a bracing member which is movably connected at one end to one of said sections and is adapted to extend at an angle therefrom, and an abutment on said other section against which the free end of said bracing member is adapted to bear to prevent movement of said bracing member when pressure is exerted against said upright section.

1,570,021. PRODUCTION OF UNITS OF COMBINED SPEEDOMETER AND ODOMETER. FREDERIK G. WHITTINGTON, Evanston, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed Sept. 1, 1922. Serial No. 585,581. 8 Claims. (Cl. 235—96.)

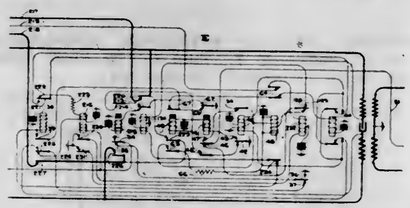
8. In a combined speedometer and odometer, a power unit support adapted for mounting on it a speedometer mechanism and a first odometer unit, the latter in po-

sition for mounting thereon a second odometer unit with the speed and mileage indicating members of the speedometer and odometers respectively exposed for reading at



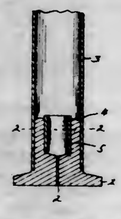
the same plane, a casing which encloses all said units having a face plate for closing said casing positioned at said reading plane of the several units.

1,570,022. AUTOMATIC TELEPHONE SYSTEM. JOHN WICKS, Chicago, Ill., assignor to Automatic Electric Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 23, 1918. Serial No. 259,323. 36 Claims. (Cl. 179—27.)



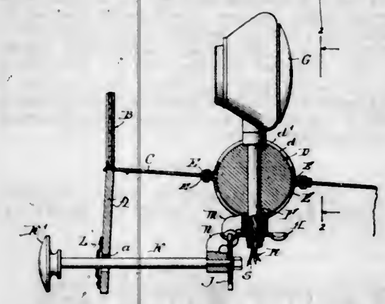
1. In a telephone system, a trunk line, an automatic switch in which said trunk line terminates at the near end, an operating circuit for said switch superimposed on said trunk line and normally connected to the same pole of battery at both ends, means for temporarily connecting said circuit at the distant end thereof to the opposite pole of battery to operate said switch, means for also connecting said circuit at the near end thereof to the opposite pole of battery after said switch has been operated, and release means in said switch responsive when the said circuit is restored to normal condition at the distant end.

1,570,023. CAM FOLLOWER AND METHOD OF MAKING SAME. MERRILL M. WILCOX, Saginaw, Mich. Filed July 24, 1922. Serial No. 577,264. 8 Claims. (Cl. 29—156.4.)



1. A cam follower comprising a base having an extension formed with an axial recess and a stem telescopically engaging said extension, a tubular sleeve secured within the recess of said extension.

1,570,024. DIRIGIBLE SEARCHLIGHT. ANDREW C. WOOD and LEO L. MEYERS, Chicago, Ill., assignors to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed Sept. 24, 1923. Serial No. 664,362. 4 Claims. (Cl. 240—61.)



1. A dirigible headlight for a motor vehicle, comprising in combination with a dash and cowl of the vehicle a circular plate mounted in the cowl for rotation in a vertical fore-and-aft plane; a searchlight support comprising a stem journaled in said plate transversely to the axis thereof, and extending through the plate transversely to the cowl; a gear on the lower end of said stem below the cowl and plate; a rotatable and longitudinally movable operating shaft extending through the dash and having at its forward end a gear meshing with the gear on the lamp stem, and journal bearing means for the lower end of the lamp stem and forward end of the operating shaft, adapted for holding in mesh the gears on said shafts respectively; the parts having a joint between the lower journal bearing of the lamp stem and the slide bearing of the operating stem in the dash for accommodating change of angle between the two shafts resultant from longitudinal adjustment of the operating shaft.

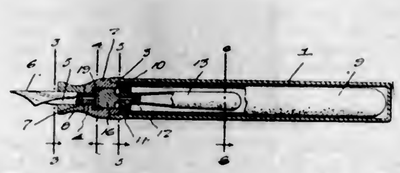
1,570,025. HAND GRIP. JOHN VAN DOREN YOUNG New York, N. Y. Filed Apr. 26, 1923. Serial No 634,703. 6 Claims. (Cl. 190—57.)



1. In a device of the class described, a hand grip and a back hand rest connected thereto by rigid means and means for pivotally connecting these parts with an article to be carried.

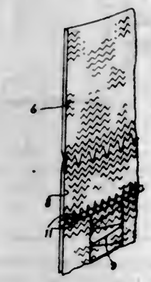
1,570,026. FOUNTAIN PEN. FRANK E. ADAMSON, Greenville, Ill. Filed Dec. 23, 1924. Serial No. 757,678. 6 Claims. (Cl. 120—42.)

1. A fountain pen comprising a barrel, a head mounted in the forward end thereof, a feed bar carried by said head, an outer ink reservoir, an inner ink reservoir in said barrel, a nipple supported in said head and having ink passages communicating with the outer and



inner reservoirs respectively, and means for normally cutting off the supply of ink from the inner reservoir to said feed bar.

1,570,027. METHOD OF MAKING HOSIERY. JOHN M. ALLEN, Toronto, Ontario, Canada. Filed Apr. 9, 1925. Serial No. 21,989. 6 Claims. (Cl. 66—4.)



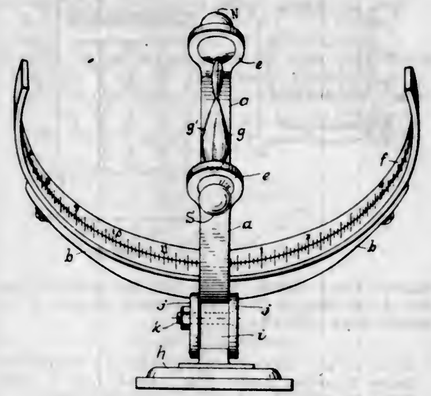
1. A method of making hosiery consisting in knitting an outer stocking with a pocket welt at the top and a fabric strip extending from the bottom of the pocket welt, and securing an inner stocking to the outer stocking and connecting the upper edge of said inner stocking to the free edge of said strip.

1,570,028. PAVING COMPOSITION. JOSEPH HAY AMIES, Philadelphia, Pa. Filed Apr. 1, 1924. Serial No. 703,541. 2 Claims. (Cl. 106—31.)

1. The process of making a bituminous paving composition consisting of subjecting one-tenth portion of the natural soil of the grade to a temperature of about 2000 degrees F., in a blast heater, placing the balance of the natural grade soil in a mixing machine and macerating with boiling hot water then adding the foregoing heated soil to the contents of the mixer, then adding to each 9 cubic feet of this highly heated mass 20 to 30 pounds of finely granulated quick lime, and finally adding a quantity of bituminous material in a highly heated state.

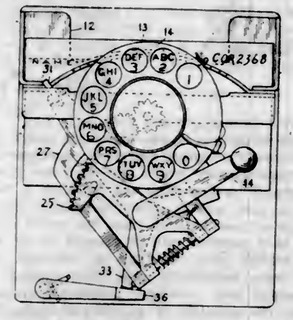
1,570,029. SUN DIAL. SAMUEL W. BALCH, Montclair, N. J. Filed Apr. 18, 1922. Serial No. 554,648. 2 Claims. (Cl. 33—62.)

1. In a sun-dial for indicating mean time, a dial bearing a circular arc with time graduations, and a gnomon shaped so that every day shall be represented by a point on the surface the abscissa of which measured from the axis of the circular arc is the sine of the sum of the equation of time and the product of the sun's semi-diameter with the secant of the slope at the point



with respect to the axis of the circular arc, and the ordinate of which measured from the plane of the circular arc is the tangent of the sun's declination.

1,570,030. AUTOMATIC TELEPHONE-CALLING TRANSMITTER. SAMUEL W. BALCH, Montclair, N. J. Filed June 5, 1924. Serial No. 717,946. 12 Claims. (Cl. 179—90.)

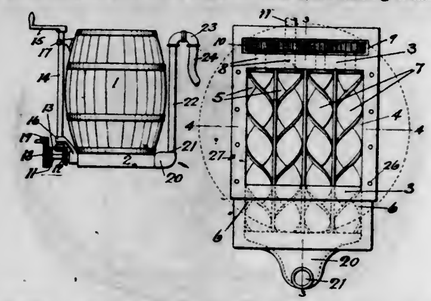


1. A calling transmitter controlled by a perforated card comprising means for transmitting impulses in rapid succession independently of perforations in the card, means for interrupting and separating the transmission of the impulses into groups of various numbers of impulses, and means traversing the perforated card for controlling the sizes of the several groups from the locations of the perforations.

1,570,031. GREASE-DISPENSING DEVICE. JACOB BALDNER, Xenia, Ohio. Filed Mar. 21, 1921. Serial No. 453,978. 6 Claims. (Cl. 221—67.)

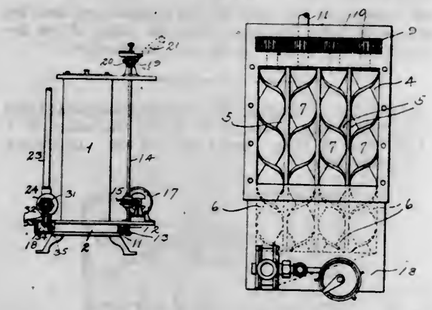
1. In an apparatus for dispensing semi-solids from a reservoir including a base member, a series of independent channels therein extending in parallel relation and all communicating with the interior of the common reservoir, each channel terminating in a bore, a pressure chamber common to all the bores, conveyor screws located in the channels, and extending thence into said bores, the helical direction of the pitch of successive screws being reversed, intermeshing driving

gears for the several screw conveyors, for rotating the succeeding screws in reverse directions, actuating means



therefor and a conduit leading from the pressure chamber of less capacity than the combined capacity of the several screw conveyors.

1,570,032. GREASE-DISPENSING APPARATUS. JACOB BALDNER, Xenia, Ohio. Filed June 7, 1921. Serial No. 475,637. 14 Claims. (Cl. 221—102.)

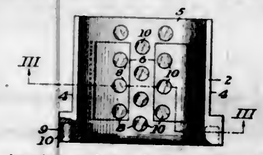


1. In an apparatus of the character described, a reservoir, a plurality of spiral conveyors communicating therewith, a chamber into which the conveyors discharge, an outlet conduit leading from the chamber, a rotary valve member in said conduit driven in unison with the conveyors but of less capacity than the series of conveyors whereby back pressure will be created at the intake side of said rotary valve, the flow of material under such pressure being resisted by said valve member, and separated thereby into successive measured charges of uniform size, the quantity of material discharged being determined by the operations of said valve member.

10. A dispensing apparatus for lubricant or the like, wherein an electric motor is utilized for actuating an ejector of known capacity to discharge the commodity operated upon from a supply reservoir, characterized by a controller switch for the motor comprising two relatively movable contact members actuated by said motor thru which the motor current is supplied, said members being adapted to break the contact at predetermined points in their path of travel whereby the motor will be arrested when the ejector has been operated sufficiently to discharge a predetermined quantity of material, a shunt circuit connecting said relatively movable contact members, a coin controlled circuit closer in said shunt circuit by the closing of which the motor is set in operation for a succeeding period of ejector discharge.

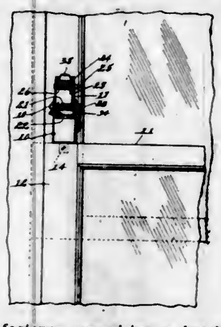
14. In an apparatus for dispensing lubricant or the like, the combination with a supply reservoir, ejector means, a pressure chamber in which a quantity of the material is accumulated under pressure, a discharge conduit leading therefrom, and a rotary measuring valve controlling the outflow from said chamber through said conduit.

1,570,033. BEARING OR BEARING LINER. ROBERT J. BANNER, Youngstown, Ohio. Filed Apr. 2, 1923. Serial No. 634,729. 3 Claims. (Cl. 308—56.)



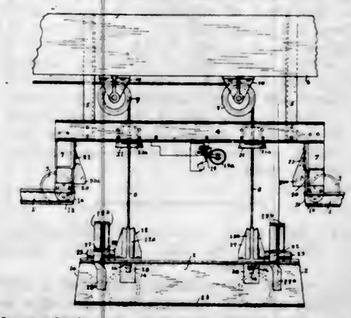
1. In a bearing, a brass body portion, babbitt inserts therein on opposite sides of the center line of said body portion, and a longitudinal row of wooden plugs extending through said body portion intermediate said babbitt inserts with their end grain constituting part f the wearing surface of the bearing, substantially as described.

1,570,034. SASH FASTENER. JOHN O. BECVAR, Brookfield, Ill. Filed Jan. 19, 1925. Serial No. 3,262. 2 Claims. (Cl. 292—219.)



1. A sash fastener comprising a bracket member arranged for mounting it on the stile of one window sash, an eccentric case pivoted in said bracket and having a frictional covering strip thereon for engaging the adjoining stile of the other sash, lugs struck up from said eccentric and bent over to hold said strip in position, resilient means to press said eccentric into engagement with said other stile, and means on said eccentric to engage said bracket and hold the eccentric in its inoperative position.

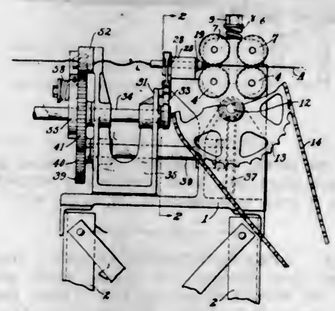
1,570,035. DROP TRACK SECTION. EARL T. BENNINGTON, Cleveland Heights, Ohio, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio, a Corporation of Ohio. Filed Nov. 28, 1924. Serial No. 752,685. 14 Claims. (Cl. 214—126.)



1. In a device of the character described, a track having a gap therein, a fixed member above the gap, a drop track section adapted when in its uppermost position

to bridge the gap, and interfitting tapered projections and sockets on the track section and fixed member for aligning the drop track section with the fixed track.

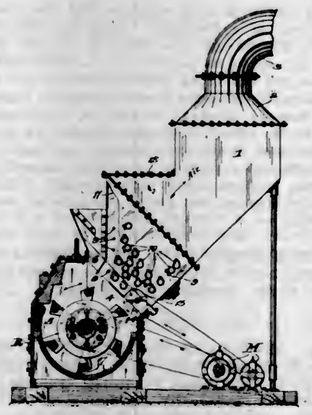
1,570,036. PROCESS AND MACHINE FOR SHAPING WIRE. FRANK H. BEYER, Akron, Ohio, assignor to John R. Gammeter, Akron, Ohio. Filed Oct. 5, 1921. Serial No. 505,627. 37 Claims. (Cl. 29—33.)



1. A process for preparing wire for the manufacture of grommets or other uses, comprising feeding a length of wire through a spiralling device and rendering said spiralling device inoperative for a predetermined period.

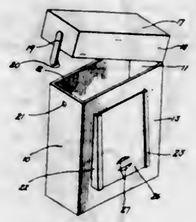
25. In a machine for the purposes set forth, means for feeding a wire, means for forming spiral and straight portions in the wire, a cutting device for the wire operated in timed relation to the forming means and a trough to receive the spiralled wire.

1,570,037. PULVERIZED-FUEL APPARATUS. JOSEPH K. BLUM, Scarsdale, and DANIEL L. BRAINE, Brooklyn, N. Y., assignors to K-B Pulverizer Corporation, New York, N. Y., a Corporation of New Jersey. Filed June 8, 1923. Serial No. 644,230. 8 Claims. (Cl. 83—11.)



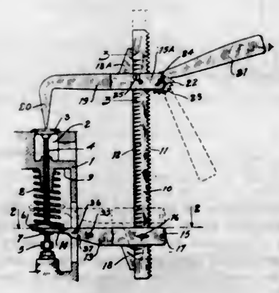
1. In a pulverized fuel apparatus, a disintegrator chamber with the rotor therein and having an outlet for pulverulent material, a suction discharge conduit for the fines, and enlarged separating chamber disposed obliquely and connecting said outlet with said suction conduit, said enlarged separating chamber being unobstructed throughout and provided adjacent said outlet with supplemental air inlets and above said inlets with a substantially horizontal top deflecting wall.

1,570,038. COMBINATION MATCH AND CIGARETTE HOLDER. MILLARD D. BURRIS, Bloomfield, N. J. Filed Oct. 10, 1924. Serial No. 742,743. 4 Claims. (Cl. 206—41.)



1. A device of the class described comprising a container receiving the packet of cigarettes, a cover for said container, means for releasably locking the cover on said container, means for removably mounting a book of matches on said container comprising a retainer plate having pointed prongs on its concealed face, the back of the book of matches being adapted to be gripped by the prongs when in position between the wall of the container and the retainer plate, guide bars mounted vertically on the wall of the container and adapted to support said retainer plate, and means for supporting the retainer plate so that the pointed prongs thereof enter the material forming the back of the book of matches.

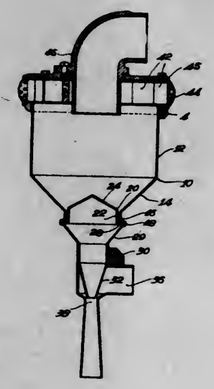
1,570,039. VALVE-SPRING COMPRESSOR. GROVER D. BUSSARD, Littleton, Colo. Filed Jan. 3, 1925. Serial No. 333. 1 Claim. (Cl. 29—86.3.)



A valve spring compressor comprising a rack having gear teeth along one side, a bracket secured to one end of said rack and projecting laterally therefrom a second bracket slidably connected with the said rack, said brackets lying substantially in the same plane, a segmental pinion rotatably connected to the slidable bracket, said pinion being adapted to cooperate with the teeth on the rack in all but one position, means for turning said pinion, a pawl and ratchet device between the

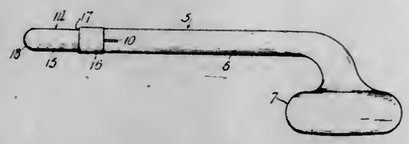
slidable bracket and the rack for holding the slidable bracket in adjustable position and a stop plate projecting outwardly from each bracket, said plates being adapted to engage the side of the rack.

1,570,040. AIR CLEANER. MILTON E. CHANDLER, Chicago, Ill. Filed Sept. 9, 1921. Serial No. 499,467. 14 Claims. (Cl. 183—85.)



1. In a cleaner, a large shell, a small shell, one end of said large shell and one one end of said small shell being of the same diameter and juxtaposed, and a baffle dividing the space inside said shells into two chambers in open communication wtih each other, two of said members having annular lips and the third having an annular bead gripping said lips to unite all three into a rigid structure.

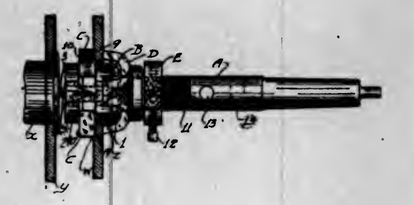
1,570,041. ELECTRODE FOR HIGH-FREQUENCY GENERATORS. RAYMOND G. CLARK, Chicago, Ill., assignor, by mesne assignments, to Adolph W. Gast, Chicago, Ill. Filed Mar. 12, 1923. Serial No. 624,334. 2 Claims. (Cl. 174—89.)



1. In an electrode of the kind described, the combination of a tubular glass body having a reduced end extension and a terminal cap enclosing and being cemented to said reduced end and including a part extending beyond said reduced end part to embrace a part of said tubular body.

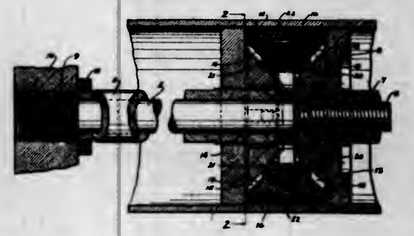
1,570,042. FACING TOOL FOR GASKET SEATS. SAMUEL B. CLAY, St. Louis, Mo., assignor to Heine Boiler Company, St. Louis, Mo., a Corporation of Missouri. Filed Nov. 19, 1923. Serial No. 675,777. 4 Claims. (Cl. 90—12.)

1. A tool for the purpose described, comprising a shank, a head on said shank that is adapted to be inserted through a hand hole or tube hole in a boiler header or water box, a plurality of pivotally mounted cutters on said head provided with parallel cutting edges disposed at substantially right angles to the longitudinal



axis of the shank, and shoulders on said head against which said cutters bear when the shank is revolved in a direction to cause said cutters to act on the work.

1,570,043. PUMP-PACKING-EXPANDING DEVICE. ALFRED JULES CORMIER, Los Angeles, Calif., assignor to A. W. Warr, Los Angeles, Calif. Filed Aug. 27, 1924. Serial No. 734,415. 5 Claims. (Cl. 74—108.)

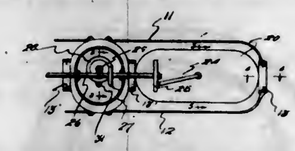


1. In a piston packing expander the combination of a piston rod, of a stationary coniform piston element carried thereby having a plurality of radially disposed keyways formed on its conical face, a sleeve carried by said piston rod having an exterior threaded end portion, a movable coniform piston element having a plurality of radially disposed keyways formed on its conical face mounted on the threaded end of said sleeve, an expansible packing mounted in the space between said coniform piston elements, and a plurality of packing expanding members having inclined inner walls arranged behind said packing and between said piston elements for expanding said packing on a forward movement of said movable piston element, said inclined walls of each expanding member being provided with a key for engaging the keyways formed on the piston elements to prevent a turning movement of the movable piston element.

1,570,044. AEROPLANE PROPELLING MECHANISM. HENRY M. COSBY, Flint, Mich. Original application filed Apr. 13, 1925, Serial No. 22,649. Divided and this application filed July 27, 1925. Serial No. 46,244. 3 Claims. (Cl. 244—25.)

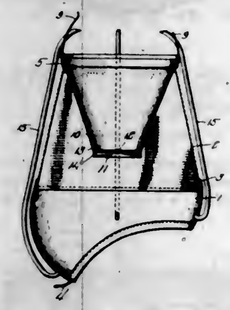
1. An aeroplane propeller of the class described, adapted for use with aeroplanes having a body, comprising U-shaped track-bearing members having the ends of the legs secured to said body; a channel-bearing substantially oval-shaped carried by said legs at their

outer ends in spaced relation to said body; channel-bearing and substantially oval-shaped track members mounted on said body; a spoon-shaped propeller having a trunnion projecting outwardly from each end; a



roller mounted on each of said trunnions, one of said rollers adapted to engage in said spaced track and the other adapted to engage in the track mounted on said body.

1,570,045. HAIR-DRYING APPARATUS. FELIX COUNE, Chicago, Ill. Filed May 7, 1925. Serial No. 28,563. 10 Claims. (Cl. 34—26.)



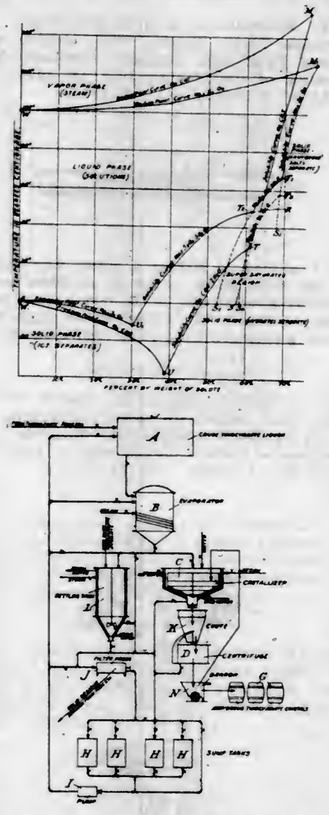
1. An appliance for introducing a drying medium to the head in the process of drying hair comprising a head fitting member for fitting about the head, means at the upper end of said member adapted to be attached to a conduit supplying a source of drying medium, means within said member for directing a part of the drying medium downwardly against the upper central portion of the head, and additional means for directing the other part of said drying medium upwardly from the lower portion of the head, whereby, by the meeting of said hair drying medium, to create a forced circulation thereof about the head and upwardly out of said head fitting member.

1,570,046. PROCESS OF SULPHONATING BETA NAPHTHOL. MOSES L. CROSSLEY, Somerville, and GEORGE S. SIMPSON, Plainfield, N. J. Filed Oct. 14, 1922. Serial No. 594,607. 5 Claims. (Cl. 260—155.)

1. The process of sulphonating beta-naphthol, which comprises reactingupon it with sulphuric acid in the presence of a boron compound containing oxygen.

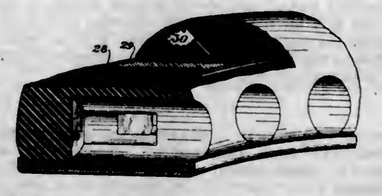
1,570,047. RECOVERY OF THIOCYANATES AND THIOSULPHATES. MARC DARRIN, Wilkinsburg, Pa., assignor to The Koppers Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Jan. 16, 1923. Serial No. 612,919. Renewed June 11, 1925. 17 Claims. (Cl. 23—75.)

15. The process of recovering sodium thiocynate from aqueous solutions containing sodium thiocynate, sodium thiosulphate, and finely divided impurities, which consists in concentrating the solution until its boiling temperature at 760 millimeters of mercury or its equivalent at other pressures, is about 130 to 135° C., cooling to between the transition points of sodium thiosulphate pentahydrate and sodium thiocyanate hydrate, and seeding with crystals of a hydrate of sodium thiosulphate to thereby cause a gelatinous precipitate of sodium thiosulphate capable of entrapping the finely divided impurities, separating the gelatinous precipitate with the entrapped impurities, concentrating the filtrate until its boiling temperature is in the neighborhood of the boiling



temperature of a saturated solution of sodium thiocyanate cooling so as to cause the crystallization of anhydrous sodium thiocyanate, and separating the sodium thiocyanate crystals from the mother liquor, substantially as described.

1,570,048. VEHICLE TIRE. EARLE HENRY DICKENSHEET, Kansas City, Mo., assignor to Faultless Pneumatic Tire Company, Seattle, Wash., a Corporation of Washington. Filed Aug. 25, 1920. Serial No. 405,828. 3 Claims. (Cl. 152—1.)



2. A vehicle tire comprising a solid annular body, a plurality of lateral passageways alternately extending from the opposite sides of the tire and overlapping.

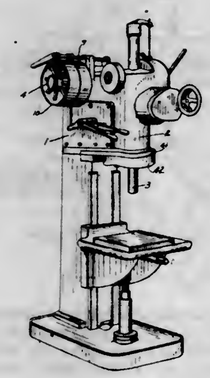
to communicate at their inner ends, and laminated fabric reinforcing members embedded within the tire and extending circumferentially thereof, to bridge the overlapping ends of the cavities.

1,570,049. METHOD OF MAKING REAMERS. JAMES B. DILLARD, Shaker Heights, Ohio, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio, a Corporation of Ohio. Filed June 15, 1925. Serial No. 37,139. 5 Claims. (Cl. 76—108.)



1. In a method of making a spiral flute expansion reamer, the steps which consist in providing longitudinally extending radial slots in the reamer body, twisting said body to impart the desired spiral angle to such slots, and subsequently providing corresponding spiral flutes.

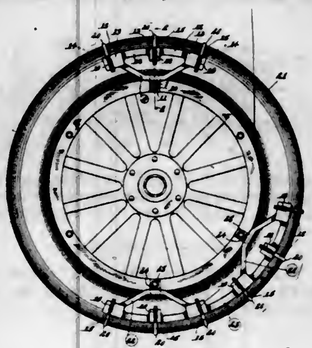
1,570,050. DRILLING MACHINE. FRANK W. DINE, Minster, Ohio, assignor, by mesne assignments, to The National Automatic Tool Company, Richmond, Ind., a Corporation of Indiana. Filed Aug. 1, 1923. Serial No. 655,128. 7 Claims. (Cl. 77—27.)



1. In a drilling machine, the combination with a housing having a drive shaft receiving portion and a front bearing portion, of a spindle movable in the latter, a series of different spindle-driving shafts, bearing means in the drive shaft receiving portion of the housing to receive any one of said shafts without change, a removable top part for the drive shaft receiving portion of the housing, bearing means in the latter, a pulley shaft insertible in said bearings, and a geared connection between the selected drive shaft and the pulley shaft.

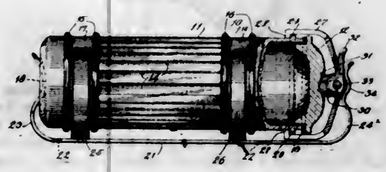
1,570,051. ANTISKID ATTACHMENT FOR VEHICLE WHEELS. FRED DOMBROWSKI, Chicago, Ill. Filed Apr. 13, 1925. Serial No. 22,533. 7 Claims. (Cl. 301—51.)

5. In combination in a device of the kind described, a shoe member having means for securement with the rim securing means and having a portion extending alongside the tire and are shaped in formation corresponding with the shape of the tire, radially arranged bearings in said arc-shaped portion, pin members movable lengthwise in



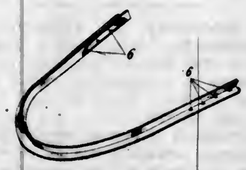
said bearings, and resilient means forcing said pin members outwardly into position to engage the roadway, substantially as described.

1,570,052. FIRE-EXTINGUISHING DEVICE. ORLANDO R. ERWIN, Forest Hills, N. Y. Filed Apr. 1, 1921. Serial No. 457,797. 8 Claims. (Cl. 169—35.)



1. Fire extinguishing apparatus comprising a container of the same internal dimensions throughout and entirely open at one end, a cap for the open end, and a holder for the container releasably engaging the same and released by movement of the container away from the holder in one direction, the holder engaging the cap to maintain the same in sealed condition, the release of the container from the holder releasing the cap.

1,570,053. TOE BINDER. JOSEPH FAUBSE, Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed May 29, 1922. Serial No. 564,407. 13 Claims. (Cl. 12—107.)



1. A toe binder for use in lasting shoes comprising a member adapted to be applied about the toe of a shoe over the feather of the insole and having upper engaging faces arranged to extend about the toe in angular relation to each other for engagement respectively with

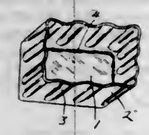
the upstanding margin of the upper and with a portion of the upper which lies upon the feather of the insole for holding the upper in substantial conformity to the angle between the feather and the rib of the insole.

1,570,054. MOLD FOR SASH-WEIGHT CORES. JOHN J. FLEMING, Vineland, N. J. Filed Sept. 29, 1925. Serial No. 59,251. 6 Claims. (Cl. 22—173.)



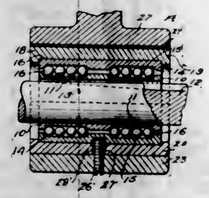
1. A mold for making sash weight cores including a casing having a mold cavity; a bar slidably mounted in the casing passing through the cavity and having a marking thereon disposed in the cavity, and a second bar slidably mounted in the casing adjacent the first mentioned bar.

1,570,055. HEAT-TREATING CONTAINER. RUDOLPH F. FLINTERMANN, Detroit, Mich., assignor to Michigan Steel Castings Company, Detroit, Mich., a Corporation of Michigan. Filed May 5, 1924. Serial No. 711,270. 4 Claims. (Cl. 263—49.)



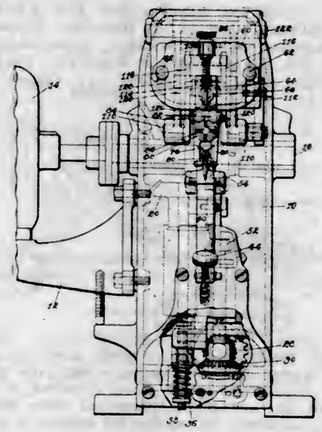
1. A heat treating container comprising a cast structure of a heat resisting alloy having integral bottom and side walls, the side walls being formed with uninterrupted vertical corrugations forming a wavy surface free from straight portions intermediate said corrugations, the entire surface of said container being free from sharp corners.

1,570,056. BEARING. LEWIS FRITZ, Chicago, Ill. Filed July 3, 1925. Serial No. 573,717. Renewed July 25, 1915. 2 Claims. (Cl. 308—189.)



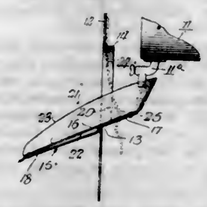
1. A ball bearing of the class described including an inner race ring comprising parts having opposite channels formed therein and adapted to be mounted to embrace a shaft with one of the parts keyed to the shaft, an outer race ring comprising parts provided with opposite channels, a series of balls arranged between the race rings for operation in the channels, a shell comprising parts provided with recesses adapted to accommodate the race ring parts, said shell and the lower part of the outer race being provided with registering bores, and a member adapted to be mounted with an end inserted in the bores.

1,570,057. SEAM RUBBING. FREDERICK M. FURBER, Revere, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Apr. 16, 1921. Serial No. 461,793. 52 Claims. (Cl. 69—7.)



1. In a seam-rubbing machine, in combination, means to open a seam, a power-actuated support and feed device for the opened seam, and a heated, power-actuated member to flatten the opened seam against the support as it leaves the seam-opening means.

1,570,058. DRAIN SPOUT FOR WASHING MACHINES AND THE LIKE. WILLIAM H. GEORGE, Fairfield, Iowa, assignor to The Dexter Company, Fairfield, Iowa, a Corporation of Iowa. Filed June 1, 1922. Serial No. 565,058. 2 Claims. (Cl. 137—9.)



2. In a device of the kind described, a plate having a transverse shoulder formed between its end and notches at the ends of said shoulders, one longitudinal margin of said plate at one end thereof being slit to provide a bent-over tongue, and a spout member fixed to one side of said plate.

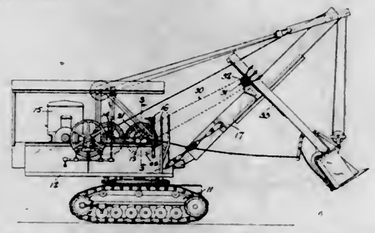
1,570,059. FUEL. GRANT HAMMOND, New Haven, Conn., assignor to Fuel Development Corporation, Wilmington, Del., a Corporation of Delaware. Filed June 17, 1922. Serial No. 569,184. 5 Claims. (Cl. 44—9.)

1. A combustible mixture comprising kerosene, a light freely ignitible hydrocarbon, and small quantities of acetone, glycerine and butyl alcohol.

1,570,060. FUEL. GRANT HAMMOND, New Haven, Conn., assignor to Fuel Development Corporation, Wilmington, Del., a Corporation of Delaware. Filed May 3, 1923. Serial No. 636,467. 3 Claims. (Cl. 44—9.)

1. A fuel comprising of kerosene, gasoline, butanol and benzol.

1,570,061. HOISTING MECHANISM FOR EXCAVATING CRANES. ARTHUR G. HENRICKS, Wauwatosa, Wis., assignor to Harnischfeger Corporation, Milwaukee, Wis., a Corporation of Wisconsin. Filed Mar. 25, 1925. Serial No. 18,083. 14 Claims. (Cl. 214—132.)



1. In an excavator crane, a shaft, a spider loosely mounted thereon and adapted to receive and operate a driving sprocket for power shovel operation or drums of different size and shape for various other kinds of excavating equipment, and mechanism adapted to connect said spider to said shaft for rotation thereby in either direction.

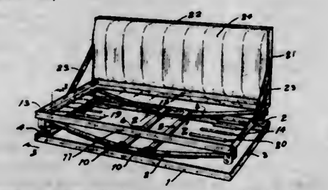
1,570,062. PROCESS OF MAKING NONSTATIC FILM. HARRY J. HOFFMAN, Stamford, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Oct. 12, 1921, Serial No. 507,363. Renewed June 22, 1925. 11 Claims. (Cl. 91—68.)

1. The process of making non-static photographic film which comprises applying to the film a conductively-increasing-substance composition, as distinguished from mixing such substance in the film dope, such composition comprising a conductivity-increasing-substance in a solvent for the film, and drying.

4. The process of making non-static photographic cellulose ester film which comprises applying to the film an electrolyte solution comprising an electrolyte dissolved in cellulose ester solvent, and drying.

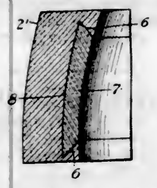
11. The process of making ammonium nitrate-bearing non-static cellulose ester photographic film which comprises applying to the film, in quantity to fix on the film an amount of ammonium nitrate substantially equal to .25% of the weight of the film, an ammonium nitrate solution comprising ammonium nitrate dissolved in cellulose ester solvent in the proportions of substantially 2 parts of electrolyte to 98 parts of solvent, and drying.

1,570,063. SPRING SEAT FOR TRUCKS AND AUTOMOBILES. HARLEIGH R. HOLMES, Littleton, Colo. Filed Oct. 16, 1924. Serial No. 743,934. 1 Claim. (Cl. 155—9.)



A seat for automotive trucks, comprising, in combination, a substantially rectangular frame of angle iron adapted to rest upon the truck body, said frame being arranged with one flange of the angle irons lying in the plane of the bottom of the frame, a pair of transverse bars (5 & 6) extending from the flange of one longitudinal member to the corresponding flange on the other longitudinal member, a semi-elliptical spring secured at its center portion to the ends of said transverse bars, said springs extending parallel with the side angles of the frame, said springs having their convex sides down, a second frame of substantially the same size and shape as the first frame adapted to be supported from the ends of said springs by shackles (18) which are pivoted to the ends of U-shaped brackets (15) by means of a bolt (17).

1,570,064. METHOD OF MAKING CRUCIBLES. ARTHUR JOHN JACKMAN, Forest Hills Borough, Pa., assignor to Vesuvius Crucible Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Mar. 18, 1925. Serial No. 16,344. 15 Claims. (Cl. 263—48.)



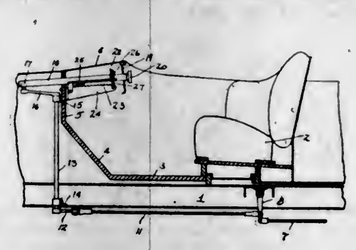
2. As an article of manufacture, a crucible for a metal melting operation wherein slag is formed, having a graphitic body portion adapted to contact with the bulk of the metal and having a portion adapted to contact with the slag and made from a material more resistant than the said body portion to the corrosive action of the slag, substantially as described.

1,570,065. FISHING TOOL. MONROWE WALTER JONES, Ardmore, Okla. Filed Nov. 20, 1922. Serial No. 602,107. 3 Claims. (Cl. 294—102.)



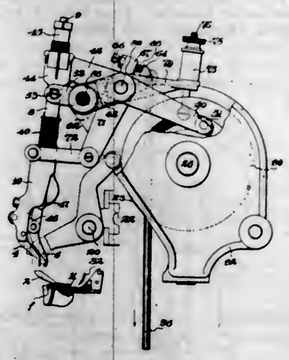
2. A device of the class described, comprising a tubular shaft having a stem movable therein, said stem being moved upon its contact with the object to be removed, means for rotating said stem during its movement within said tubular shaft, gripping jaws carried by the stem, yielding elements for holding said jaws in an inactive position during their turning movement, and a member movable upon said stem upon its engagement with the tubular shaft for breaking said yielding elements and forcing said jaws into engagement with said object.

1,570,066. BRAKE ACTUATING MEANS FOR MOTOR CARS. CYRUS B. KURTZ, Lakewood, Ohio. Filed Oct. 26, 1921. Serial No. 510,599. 5 Claims. (Cl. 74—89.)



1. In a motor car, the combination with a movable brake actuating member, of a rod mounted in the dash and instrument boards of the car, a pivoted shaft having connection with said actuating member and said rod, a rack mounted between said dash and instrument boards adjacent to the path of movement of said rod, and a spring-pressed pawl on said rod, said pawl normally engaging said rack and maintaining said rod against movement.

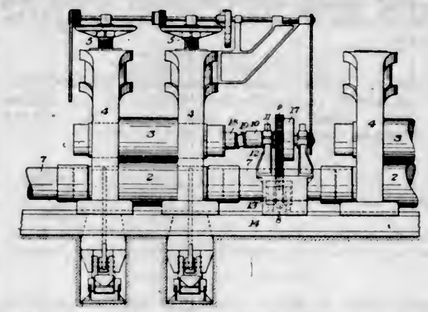
1,570,067. METHOD OF MAKING SHOES. FRED N. LA CHAPELLE, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Mar. 28, 1919. Serial No. 285,804. 29 Claims. (Cl. 12—145.)



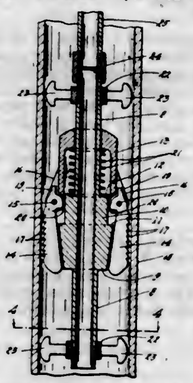
1. That improvement in methods of making shoes which consists in cutting an upper short by a predetermined allowance for stretching of the upper, assembling the upper with an innersole on a last, successively bringing portions of the edge of the upper by a positive predetermined pull applied transversely of its edge to a predetermined point on the innersole, and permanently securing said portions of the upper successively.

1,570,068. ROLLING MILL. LEIF LEE, Youngstown, Ohio. Filed July 2, 1921. Serial No. 482,159. 5 Claims. (Cl. 80—54.)

1. In a rolling mill, a roll stand, an upper and lower roll journaled in the stand, roll adjusting mechanism for permitting the spacing of the upper roll with relation to the lower roll, a driving spindle operatively connected to the lower roll, a gear shaft in fixed spaced relation to the driving spindle, a universal connection between the gear shaft and the upper roll, and slip gear connections between the spindle and the gear shaft, whereby the upper roll is frictionally driven by the spindle, substantially as described.

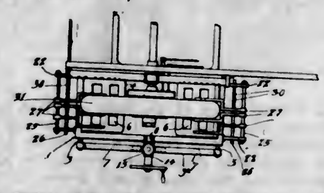


1,570,069. PIPE-GRIPPING DEVICE. PETER GUSTAF LEONARD, West Tulsa, Okla. Filed Feb. 16, 1925. Serial No. 9,493. 7 Claims. (Cl. 103—219.)



1. A pipe gripping device comprising a member with gripping elements pivoted thereon, spring actuated means in said member and having a portion for moving said elements into pipe gripping position, and stop means to engage said gripping elements and force release movement thereof.

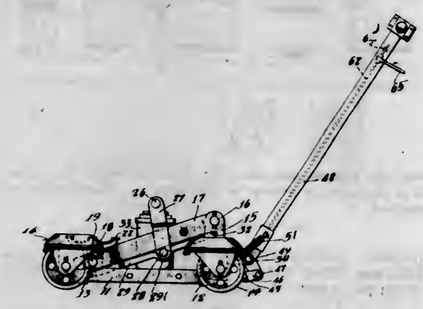
1,570,070. DEVICE FOR REMOVING TIRES OR WHEELS FROM MOTOR TRUCKS. EDGAR C. LYMAN, Burbank, Calif. Filed Dec. 4, 1923. Serial No. 678,381. 7 Claims. (Cl. 214—1.)



1. In a device of the class described, the combination of a substantially U-shaped frame, holding members mounted on said frame to pivot on a substantially horizontal axis and adapted to support a wheel from the ground in one position and permit the wheel to be lowered

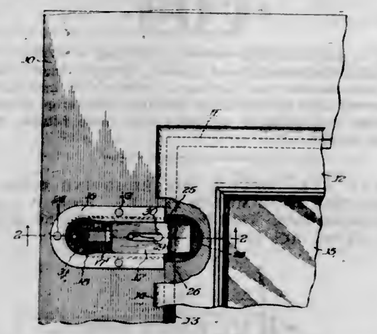
on the ground in another position, said members being in position to engage the bottom of the same in performing said operation, means for controlling the pivoting of the holding members, each of the holding members being secured solely to one side of the central opening of the frame.

1,570,071. JACK. JOSEPH MERCIER, Los Angeles, Calif., assignor of one-half to Lute G. Gillelen, Los Angeles, Calif. Filed Dec. 1, 1924. Serial No. 753,140. 8 Claims. (Cl. 254—2.)



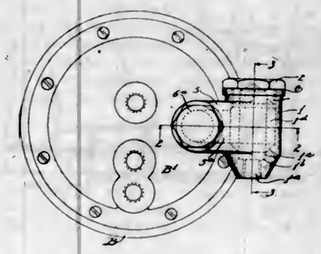
1. A jack comprising a frame, a lever fulcrumed at one end on the frame, a rest tiltably mounted relative to the lever on the opposite end of the lever, means to prevent tilting of the rest relative to the frame as the lever operates, a link pivoted to the lever intermediate of the ends thereof, an operating lever pivotally mounted on the frame, and means operated by the last mentioned lever and connected with the link to move the link into a position to hold the free end of the first mentioned lever elevated.

1,570,072. LOCKING MEANS. OTTO H. MERZ, West Allis, and PETER D. HUMLEKER, Fond du Lac, Wis., assignors to Convertible Door Manufacturing Company, West Allis, Wis., a Corporation of Wisconsin. Filed July 25, 1925. Serial No. 45,975. 2 Claims. (Cl. 292—152.)



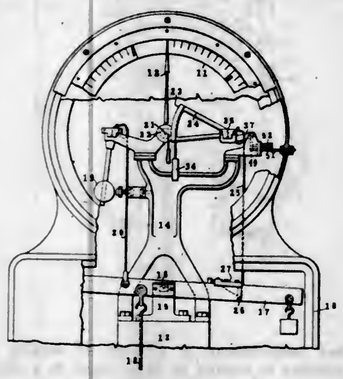
1. A locking device of the class described comprising a body part formed integral of sheet metal and having a longitudinally extending groove, a locking bar within said groove, interlocking engagement between the side edges of said bar and the sides of said groove for confining said bar to sliding movement in said groove, a detent deflected from the bottom of said groove cooperating with said bar to limit the outward movement thereof, and a second detent in the bottom of said groove for cooperating with said bar to lock it in outer position.

1,570,073. STRAINER FOR VACUUM TANKS. JOHN K. OLSEN, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed Sept. 1, 1922. Serial No. 585,629. 2 Claims. (Cl. 210—164.)



1. A fuel inlet fitting for fuel feed tanks comprising a tubular body threaded at one end for pipe connection to a fuel supply pipe, primarily counterbored from the opposite end to form a shoulder near the threaded end and secondarily counterbored to within a short distance of said shoulder and provided with a cap for closing the second counterbore which has a bore at its inner end of the diameter of the first counterbore; a strainer sleeve whose ends are seated in the first counterbore of the body and in the bore of the cap; said body having a lateral outlet from the second counterbore and means for connecting it for discharge through said lateral outlet.

1,570,074. SCALE. LOUIS A. OSGOOD, Hartford, Conn., and ELMER E. WOLF, Springfield, Ohio, assignors to E. and T. Fairbanks and Company, St. Johnsbury, Vt., a Corporation of Vermont. Filed Feb. 14, 1924. Serial No. 692,673. 6 Claims. (Cl. 265—62.)

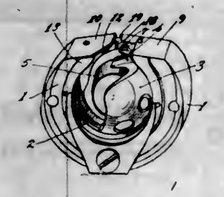


1. A scale including, in combination, a weighing mechanism, a registering mechanism, means connecting the mechanisms, a pivotally mounted element, forming a part of said registering mechanism, a movable support for said element and a member having screw threads, said member co-operating with said support to shift the same.

1,570,075. SHUTTLE CASING FOR SEWING MACHINES. GEORGE G. PAINE, Ludlow, Ky. Filed Apr. 4, 1924. Serial No. 629,747. 1 Claim. (Cl. 112—196.)

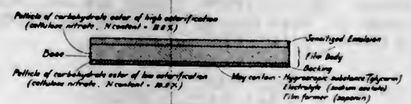
In a device of the character specified, the combination of a flat topped shuttle casing, a shuttle, a bridge plate, an admission aperture for a threaded needle in the

shuttle casing, and a thread cutting knife, said flat topped casing cut-away adjacent the admission aperture, a diagonally edged bridge plate disposed on the flat



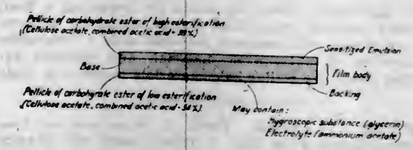
topped shuttle casing a radial groove at the front edge of the bridge plate and a transverse groove on the top of the casing adjacent the radial groove whereby said grooves receive the cut thread from the needle.

1,570,076. NONSTATIC PHOTOGRAPHIC FILM. EARLE C. PITMAN, Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Sept. 16, 1920. Serial No. 410,746. 45 Claims. (Cl. 95—9.)



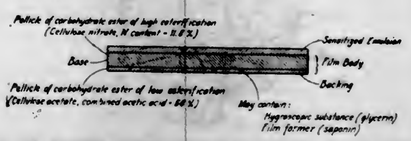
1. A photographic film having a backing containing sodium acetate.

1,570,077. NONSTATIC PHOTOGRAPHIC FILM. EARLE C. PITMAN, Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Sept. 16, 1920, Serial No. 410,747. Renewed June 22, 1925. 31 Claims. (Cl. 95—9.)



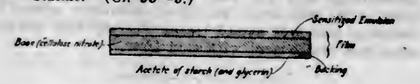
1. A transparent flexible, thin, substantially neutral photographic film having a body of carbohydrate ester containing glycerine.

1,570,078. NONSTATIC PHOTOGRAPHIC FILM. EARLE C. PITMAN, Parlin, N. J., assignor to E. I. Du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Sept. 16, 1920. Serial No. 410,748. 30 Claims. (Cl. 95—9.)



1. A photographic film containing a substance capable of reducing surface tension.

1,570,079. NONSTATIC FILM AND BACKING SOLUTION FOR USE IN MAKING THE SAME. EARLE C. PITMAN, Parlin, N. J., assignor to E. I. Du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Sept. 16, 1920. Serial No. 410,749. 14 Claims. (Cl. 95—9.)

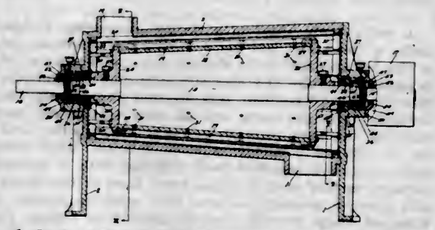


1. A photographic film comprising acetate of starch.

1,570,080. REFRIGERANT. ROSCOE R. STITT, Marquette, Mich. Filed Feb. 2, 1925. Serial No. 6,449. 4 Claims. (Cl. 252—5.)

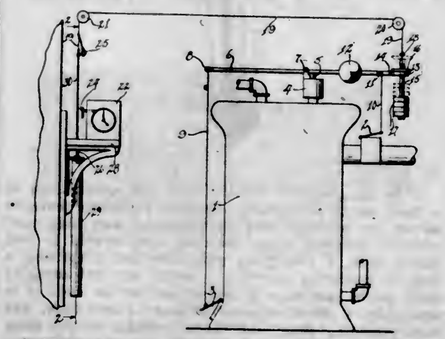
1. A new product for use as a refrigerant or similar purposes, comprising methyl-chloride and methyl-alcohol.

1,570,081. GRAIN HULLER. JAMES J. ROSS, Portland, Oreg., assignor to The J. J. Ross Mill Furnishing Company, Portland, Oreg., a Corporation of Oregon. Filed Mar. 15, 1923. Serial No. 625,340. 7 Claims. (Cl. 83—30.)



1. In a grain huller, the combination of a horizontally disposed internally conical shell provided with a grain inlet and an outlet, and a rotatable drum having an external conical form corresponding to the internal form of the shell, with a series of separated, projecting, longitudinally disposed bars fixed in the inside wall of the shell, and a series of bars fixed in like manner in the outside wall of the drum, the opposing bars of the said two series being separated by a constant gap substantially equal to the average maximum dimension of a kernel of the grain which the machine is designed to hull.

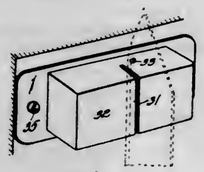
1,570,082. TIME-CONTROLLED REGULATOR FOR HEATING SYSTEMS. HOWARD W. ROYCE, Chicago, Ill. Filed Apr. 13, 1925. Serial No. 22,845. 2 Claims. (Cl. 161—8.)



2. The combination with a heating system having a thermostatic control device including a weighted actuating lever for accelerating and diminishing the inten-

sity of the heat source in said system, of a rod, a plurality of weights removably disposed on said rod, said rod being constructed so as to engage with said weighted lever whereby the weights thereon may augment the force of the weight normally on said lever, means for maintaining said rod with its weights out of engagement with said lever, and time controlled means for releasing said first named means whereby said rod may move into engagement with said lever.

1,570,083. KNIFE-BLADE SHARPENER. CHARLES RUNZI, St. Louis, Mo. Filed Apr. 2, 1923. Serial No. 629,383. 1 Claim. (Cl. 51—214.)



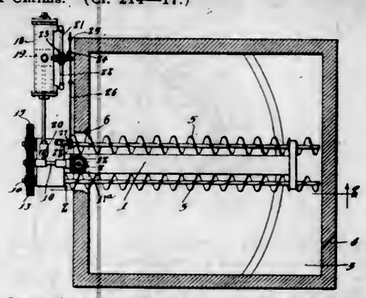
A knife blade sharpening device comprising a base plate, a cover for said plate having a transverse slot in the top and side walls thereof, wire holders arranged in opposed relation and pivotally supported by said base plate, a pair of resilient legs directed downwardly and inwardly from the outer end of each wire holder and engaging the base plate to normally support the holders in inclined positions, a block mounted upon each holder, abrasive members each provided with a beveled abrasive surface secured to the inner faces of the blocks, said abrasive members crossing each other to provide a V-shaped blade receiving recess adapted to change its angles upon pressure being brought to bear against the abrasive members while drawing a knife blade over the beveled abrasive surfaces thereof.

1,570,084. ELECTRIC-RESISTANCE ELEMENT. THOMAS C. RUSSELL, Chicago, Ill. Filed Feb. 7, 1924. Serial No. 691,087. 4 Claims. (Cl. 201—63.)



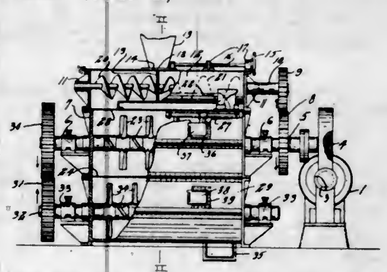
1. In an electrical heating unit, the combination of a rigid rod of non-metallic electrical resistance material having its terminal ends electro-plated with high temperature resistant metal, terminal caps secured to said plated ends, a connecting plug structure comprising a body of insulating material, a center terminal engaging with one of said caps to secure said rod at one end to said body, a sleeve terminal secured to said body, and bars extending from said sleeve terminal to the other terminal cap, said bars electrically connecting said other cap with said sleeve terminal and also assisting in supporting said rod.

1,570,085. EXCAVATOR. WALTER E. SAXE, Los Angeles, Calif. Filed Jan. 31, 1925. Serial No. 6,001. 11 Claims. (Cl. 214—17.)



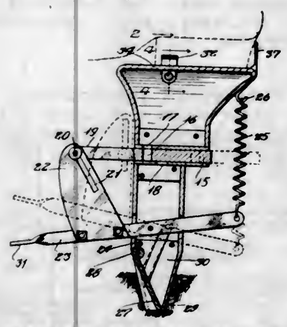
1. In a bin excavator the combination of a bin with an opening in its side wall, a boom and a conveyor device carried by the boom pivoted substantially at the opening, means for actuating the conveyor device, a hopper for receiving the material from the conveyor device, and automatic means for swinging the boom to and fro.

1,570,086. NODULIZATION. JOHN C. SCHAFFER, Pittsburgh, Pa. Filed Mar. 15, 1924. Serial No. 699,610. 9 Claims. (Cl. 18—1.)



1. Apparatus embodying means for tempering a finely divided material with liquid, supply means for uniformly combining said tempered material with a determined proportion of untempered material, and material agitating means for rolling said materials together in clods.

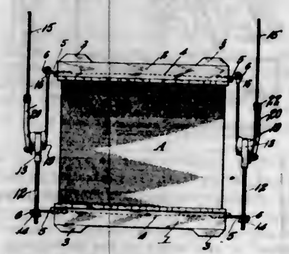
1,570,087. PLANTER. LOUIS V. SCHNOEBELEN, Iowa City, Iowa. Filed July 3, 1924. Serial No. 724,029. 1 Claim. (Cl. 111—98.)



In a corn planter, a hopper, means thereon for attaching it to the shoe of an operator, a chute extending downwardly from the hopper and communicating

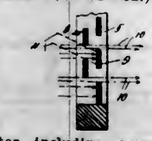
therewith, a slidable gate between the hopper and chute operative to transfer seed from the hopper to the chute, a shoe at the lower end of the hopper having an opening for the escape of the seed, a closure hinged in the shoe in such relation to the wall of the shoe as to guard and unguard the discharge opening in the shoe, a pivot extending through the chute, a lever extending through opposed walls of the chute and mounted on the pivot, a link connecting the said lever with the closure, an arm secured to the lever, the said arm projecting into operative relation with the gate and having a slot, a stud on the gate operating in the said slot of the arm, a bearing plate on one end of the lever adapted to be pressed into engagement with the soil, and means for exerting a pull on the other end of the lever.

1,570,088. TURNOVER MECHANISM. LOUIS J. SCHWAB, Peoria, Ill. Filed Mar. 8, 1924. Serial No. 697,947. 11 Claims. (Cl. 214—130.)



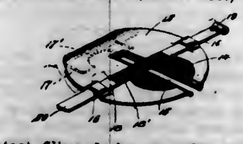
1. In a turn-over mechanism for a stack of sheets, the combination with base-boards between which the stack of sheets is compressed, of coacting coupling means arranged for connection with opposite base-boards, including two cables adapted for connection with a raising and lowering means, and means for automatically exerting additional clamping action thru the cables as the stack is turned.

1,570,089. VENTILATOR. ALTER L. SCHWARTZBERG, Shreveport, La. Filed Apr. 10, 1925. Serial No. 22,156. 2 Claims. (Cl. 98—31.)



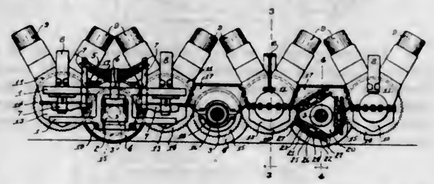
1. A ventilator including spaced inner and outer series of horizontal slats, the slats of each series being arranged in spaced vertical relation, the upper portions of the slats of the outer series overlapping the lower portions of the slats of the inner series, and the lower edges of the slats of the outer series being arranged in planes slightly spaced above the planes of the upper edges of the slats of the inner series.

1,570,090. CONTACT-FILING DEVICE. JOHN H. SIMPSON, Providence, R. I. Filed July 26, 1922. Serial No. 577,687. 2 Claims. (Cl. 29—80.)



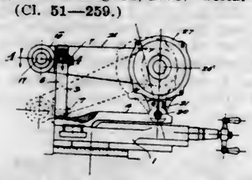
1. A contact filing device comprising a substantially flat metallic member adapted to position and retain one contact point in fixed relative position with relation to another contact point of a spark coil, in combination with a file member adapted to cooperate therewith and simultaneously file the coacting surfaces of said contact points while in said relative position.

1,570,091. LOCOMOTIVE AND VEHICLE DRIVE MECHANISM. FRED F. SMALL and CARL E. NAGEL, Oakland, Calif. Filed June 24, 1924. Serial No. 722,056. 25 Claims. (Cl. 105—62.)



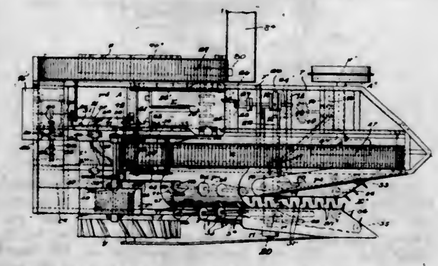
1. A driving mechanism for locomotives and other vehicles comprising an axle; a vehicle propelling wheel mounted thereon; a power driving member; and a driving connection between said power member and said wheel, said connection including a variable speed planetary-gear mechanism mounted about said axle and a resilient power transmitting member.

1,570,092. GRINDING MACHINE. JOHN A. SMITH, Bellevue, Ky. Filed Aug. 24, 1923. Serial No. 659,191. 4 Claims. (Cl. 51—259.)



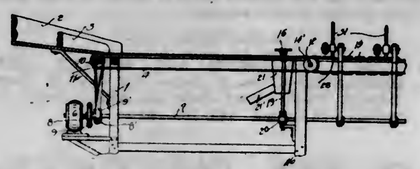
1. A frame having angularly related extensions, means for adjustably attaching the frame to a support, a bearing adjustable lengthwise of one of the extensions having a spindle rotatable therein, a motor pivotally attached to the other extension and adapted to swing toward and away from the first extension, and having its pivot parallel with said spindle, means for clamping the motor after swinging adjustment, and driving connection between said spindle and motor.

1,570,093. SUGAR-CANE HARVESTER. WILLIAM SNODGRASS, Senado, Cuba. Filed Sept. 23, 1922. Serial No. 590,140. 5 Claims. (Cl. 56—16.)



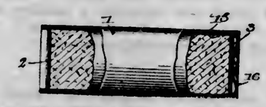
1. In a sugar cane harvester, a rotary cutter, means for cutting cane and delivering the stalks to said cutter whereby said stalks including tops and blades will be severed into short sections, and means for submitting the sections of the stalks to an air blast whereby to separate the lighter objects from the heavier.

1,570,094. FRUIT GRADER. JAMES O. STEVENS, Post Falls, Idaho. Filed Apr. 13, 1925. Serial No. 22,538. 5 Claims. (Cl. 209—71.)



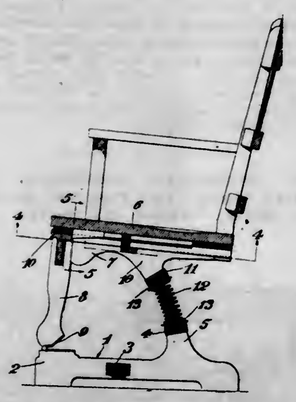
1. The combination with a longitudinal conveyer of a laterally disposed crane, means for adjusting said crane vertically with relation to said conveyer, an endless distributer belt carried by said crane in the path of movement of the fruit on the conveyer, and means for positively adjusting the tension of the belt.

1,570,095. GREASE-HANDLING METHOD AND MECHANISM. GUSTAV STRANDT, Milwaukee, Wis. Filed May 12, 1921. Serial No. 468,823. 1 Claim. (Cl. 206—56.)



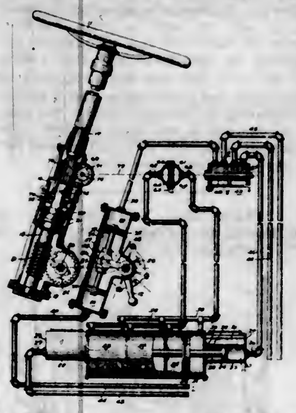
As a new article of manufacture, a package of grease including a tubular shell, a flexible lining disposed within said shell, and closure caps frictionally retained within said lining, one end margin of said lining being folded over one of said caps and being adapted when distended to comprise a tubular extension beyond said shell to guide the contents of said shell into a grease gun barrel of like diameter.

1,570,096. CHAIR. STEPHEN STRANSKY, Darby, Pa. Filed Oct. 22, 1924. Serial No. 745,243. 1 Claim. (Cl. 155—55.)



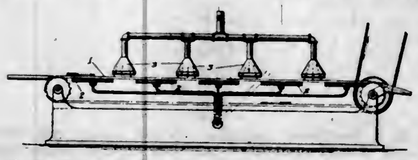
A chair including a base having horizontally extending connected side members; a seat having a back rest, and side members for supporting the seat; legs supporting the front of the seat and being hinged to the front end of the side members provided on the base; upwardly and forwardly projecting extensions on the side members of the base; downwardly and rearwardly projecting extensions on the middle part of the side members supporting the seat; and coiled springs interposed between said extensions on the base and on the side members supporting the seat.

1,570,097. FLUID-PRESSURE-CONTROL SYSTEM. JAMES W. SUMNER and ALDEN G. RAYBURN, Los Angeles, Calif., assignors to Emory Winship, San Francisco, Calif. Filed June 7, 1923. Serial No. 643,877. 10 Claims. (Cl. 180—80.)



1. In a fluid pressure control system, a member the movement of which is to be controlled, a fluid pressure device for moving the member, movable means for controlling the operation of said device, means whereby the extent of movement of the controlled member is limited by the extent of movement of the controlling means and means for creating the fluid pressure, comprising a pair of fluid pressure cylinders, means whereby one of the cylinders is caused to exert a force so as to produce a fluid pressure in the other cylinder, and means connecting the other cylinder with the fluid pressure device.

1,570,098. PROCESS OF RENDERING PAPER TRANSPARENT. CHARLES E. SWETT, West Roxbury, Mass., assignor to United States Envelope Company, Springfield, Mass., a Corporation of Maine. Filed May 18, 1922. Serial No. 562,030. 2 Claims. (Cl. 91—70.)

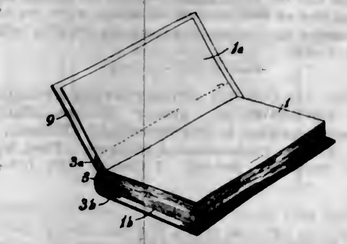


1. In the art of rendering paper transparent by the application thereto of an impregnating substance, the improvement which consists in subjecting the paper to recurring alternate heating and cooling periods of short duration to obtain accelerated penetration and solidification of the impregnating substance.

2. In the art of rendering paper transparent, the improvement which consists in applying to the paper an impregnating substance, and heating the paper at intervals, alternately with exposures to atmospheric temperature, to obtain solidification of said impregnating substance.

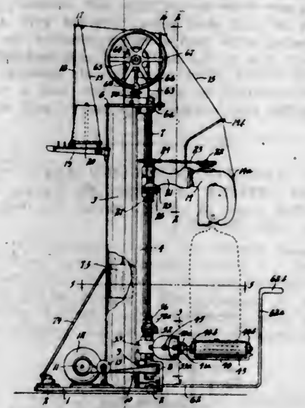
1,570,099. BINDING OF BOOKS. HENRY TAYLOR, South Chingford, London, England. Filed Sept. 15, 1921. Serial No. 500,852. 1 Claim. (Cl. 281—23.)

The method of binding books consisting in applying a suitable adhesive to the back edges of the gathered leaves or folded sections sewn or stitched together in the usual way and with end papers adapted to form the inside cover lining, and cementing thereto a single composite strip of fabric and paper of which one side is previously impregnated with a suitable adhesive and dried, the strip being wide enough to cover the back edges and extend some distance on to the end papers, and after folding these extending portions on to the end papers applying paste or cement on their outer sides and



also on the exposed portions of the end papers, and then pressing the cover thereon, so that such pressure will cause moisture to pass through the overhanging portions of the strip and moisten the dried adhesive and cause these portions to adhere to the portion of the end papers under them on which the adhesive was not applied.

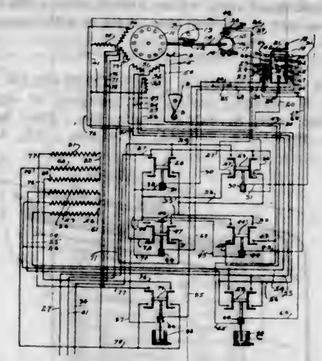
1,570,100. BAG-SEWING MACHINE. FRANK J. THULL, Minneapolis, Minn. Filed July 17, 1924. Serial No. 726,501. 23 Claims. (Cl. 112—11.)



23. A bag closing machine comprising a base, a guide column extending vertically from said base, a head having a bag closing mechanism mounted on said column and adjustable substantially throughout the whole length thereof, a bag supporting and conveying table mounted on said column and adjustable substantially throughout the whole length thereof, and means for synchronously operating said bag closing mechanism and said bag conveying table, whereby the machine may be adjusted to directly receive and close bags of all standard sizes.

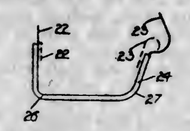
1,570,101. HOISTING AND LOWERING CONTROL MECHANISM. ERNEST B. THURSTON, Toledo, Ohio, assignor to The Haughton Elevator & Machine Co., Toledo, Ohio, a Corporation of Ohio. Filed Sept. 30, 1922. Serial No. 591,642. 12 Claims. (Cl. 172—152.)

4. An alternating current electric motor, uncounterweighted load actuating connections from the motor, means normally holding the motor, power connections for releasing the motor from said means, first and second speed switches, a resistance for one of the speeds of



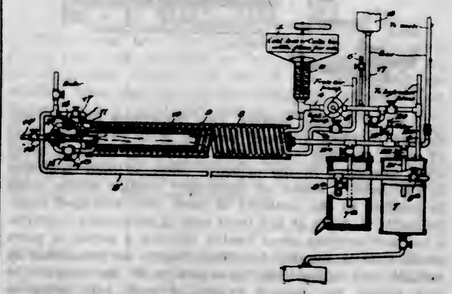
the motor, and a controller for load lowering operation of the motor cutting in said resistance after the operation of one of said switches.

1,570,102. GUTTER BRACKET. WILLIAM ALBERT BETHRIDGE TOPP, Annandale, near Sydney, New South Wales, Australia. Filed Feb. 23, 1923. Serial No. 620,774. 4 Claims. (Cl. 108—29.)



1. A gutter bracket comprising a strip of light sheet metal bent to correspond to the sectional configuration of the gutter which it is to support, marginal reinforcing beads formed therewith, a wire extending through said beads, the medial portion of said wire extending from the forward end of the bracket and adapted to extend over the gutter supported thereby, and the extremities of said wire projecting from the rear end of the bracket.

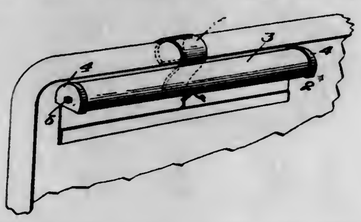
1,570,103. METHOD OF TREATING COAL PRODUCTS. WALTER E. TRENT, New York, N. Y., assignor, by mesne assignments, to Trent Process Corporation, Wilmington, Del., a Corporation of Delaware. Filed Sept. 23, 1919, Serial No. 325,632. Renewed July 18, 1925. 17 Claims. (Cl. 44—1.)



1. The method of treating coal which consists in introducing the coal in a finely divided state with a fluxing agent to a moving fluid current, in conveying the

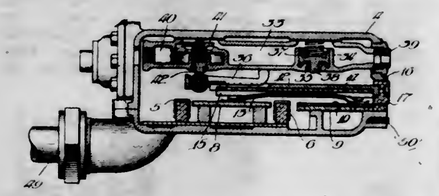
coal and fluxing agent through a heat zone to remove the volatile by-products of the coal from the carbonaceous content and to cause a union of the ash-forming substances and the fluxing agent, and in then collecting the carbon content of the coal free of its volatile by-products.

1,570,104. AUTOMOBILE MAP CONTAINER. FREDERICK W. VANCIL, Joplin, Mo., assignor of eighty-five per cent to H. R. Valfer, Joplin, Mo. Filed Sept. 29, 1924. Serial No. 740,544. 1 Claim. (Cl. 40—85.)



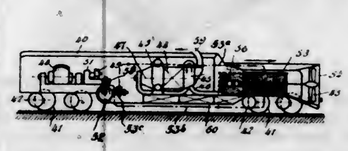
A map holder comprising an elongated container including a body open at its ends and along its under side and having its walls converging towards its open under side, the free side edge portion of one wall being curved away from the other wall, a shaft extending axially in said body and having flattened end portions removable caps for the open ends of said body having flanges snugly fitting upon the same and conforming to the transverse contour thereof to hold the caps against rotation upon the body, said caps having openings snugly receiving the flattened end portions of said shaft to mount the shaft and prevent rotation thereof, a map carrying roller rotatably mounted upon said shaft within said body, a rewind spring coiled about said shaft with one end secured to the shaft and its other end secured to said roller, and a supporting hook secured to said body at one side thereof midway its length and extending upwardly therefrom, said hook being of sufficient width to prevent tilting of the container when suspended from a windshield frame by the hook.

1,570,105. ELECTRIC COUPLING FOR RAILWAY VEHICLES. HERBERT E. VAN DORN, Chicago, Ill. Filed Feb. 11, 1920, Serial No. 357,779. Renewed July 9, 1925. 4 Claims. (Cl. 173—332.)



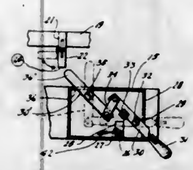
1. In an electric coupler, two transverse rows of stationary contacts arranged parallel with each other and at some distance apart, said stationary contacts being cross connected in the opposite order of their positions in the rows, a series of stationary contact strips equal in number to the contacts in each row, arranged longitudinally in front of the front row of stationary contacts, a contact-carrying plate having thereon a series of pairs of electrically connected contact fingers corresponding in number and disposition transversely of the coupler to said strips, the contact fingers of each pair being so positioned and proportioned that in a neutral position of the plate the front finger rests on one of said strips and the rear finger lies between the two rows of stationary contacts while in a second position of the plate the rearmost contact finger engages with one of the stationary contacts in the rear row and the forward contact finger engages with the corresponding contact strip, while in a third position of the plate the rearmost finger of each pair rests upon one of the stationary contacts of the front row and the front finger projects far enough beyond the front end of said housing to engage with one of the contact strips in a co-operating coupler lying in coupling relation thereto.

1,570,106. AIR-COOLED CONDENSATION APPARATUS FOR LOCOMOTIVES. RUDOLF WAGNER, Hamburg, Germany, assignor to The Superheater Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 3, 1924. Serial No. 696,463. 7 Claims. (Cl. 105—36.)



1. In a condensing system for steam locomotives, an enclosing shell or body defining a chamber located adjacent to the front of said locomotive, said shell being provided at the front thereof with an unobstructed aperture in communication with said chamber, whereby the forward travel of the locomotive will cause a current of cooling air to be forced into said chamber, and the side walls of said shell being provided with apertures communicating with said chamber whereby the outside air currents due to the motion of said locomotive will produce a suction effect upon the air passing through said front aperture to said chamber, and a condenser located within said chamber adjacent to said side apertures.

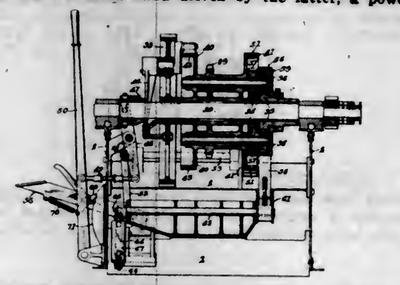
1,570,107. CIRCUIT-CONTROLLING MEANS FOR SIGNALING DEVICES. LAWRENCE H. WALSH, Chicago, Ill. Filed June 20, 1923. Serial No. 646,708. 2 Claims. (Cl. 200—59.)



1. A signal control switch for vehicle steering mechanism including a support on the steering post; a finger arranged to move with the steering rod; a circuit closing member on the post; an operating lever connected for actuating the circuit closing member; and a hinged trip part carried by said finger for interlocking with the operating lever and finger when the steering rod is moved in one direction.

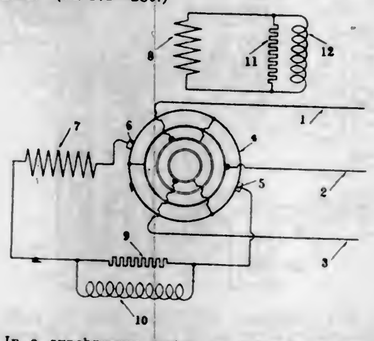
1,570,108. EXCAVATOR CRANE. LEWIS WEHNER, Milwaukee, Wis., assignor to Pawling and Harnischfeger Company, West Milwaukee, Wis., a Corporation of Wisconsin. Filed Feb. 20, 1922. Serial No. 537,676. 11 Claims. (Cl. 214—135.)

1. In an excavator crane, the combination with a dipper arm and a constant speed non-reversible motor for operating the same, of a shaft interposed between said arm and motor and driven by the latter, a power



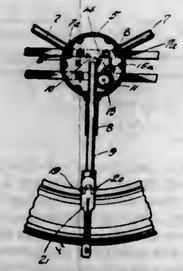
transmitting member loosely mounted on said shaft and connected to said arm, and means arranged on said shaft for driving said member in either direction.

1,570,109. ALTERNATING-CURRENT MOTOR. HANS WEICHSEL, St. Louis, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a Corporation of Delaware. Filed Nov. 26, 1923. Serial No. 676,901. 8 Claims. (Cl. 172—280.)



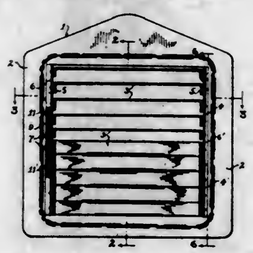
3. In a synchronous motor, an induced member provided with an exciting winding, means for impressing an alternating current E. M. F. on said winding at starting means for impressing a direct current E. M. F. on said winding at synchronous speed, a resistance in circuit with said winding, and an inductance in shunt with said resistance.

1,570,110. TIRE RACK. FLOYD E. WELLER, Toledo, Ohio. Filed Oct. 19, 1923. Serial No. 669,572. 1 Claim. (Cl. 224—29.)



In a tire rack, the combination of a housing, a plurality of fixed arms removably carried by said housing, a movable arm having rack teeth extendible to and from said housing, a drive gear carried by said housing and engageable with said rack teeth, locking means associated with said drive gear and operable from without said housing for locking said movable arm in predetermined position, and tire engaging and locking means associated with the extremity of said movable arm, and actuable to locking position upon engagement of the tire upon said rack.

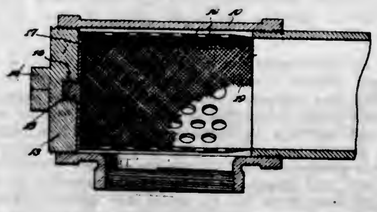
1,570,111. SHUTTER MECHANISM FOR AUTOMOBILE RADIATORS. WALTER HALPENNY WICKWARE, Ottawa, Ontario, Canada. Filed Aug. 18, 1924. Serial No. 732,881. 6 Claims. (Cl. 257—132.)



1. A shutter device for automobile radiators having in combination a plurality of groups of vanes, and means for opening and closing said groups of vanes successively, said means comprising a projecting element secured to one vane of each group, and a shiftable operating member having means thereon for engaging directly and successively the said projecting elements.

3. A shutter device for automobile radiators having shutter operating means comprising a bar having guiding slots therein, pins on some of the shutter vanes passing through said guiding slots and a plate having cam plots formed therein and embracing said pins, said slots being so shaped as to successively operate the shutter vanes.

1,570,112. PIPE TRAP. EDWARD J. WILEY, Hollidays Cove, W. Va. Filed Aug. 28, 1923. Serial No. 659,752. 3 Claims. (Cl. 210—164.)

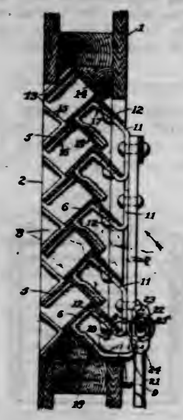


1. In a pipe trap, the combination of a fitting open at its ends and provided at one side thereof with an outlet, a plug closing one end of the fitting and reversible from said end of the fitting to the other end thereof, and a straining member carried by the plug to extend across said outlet and having an open unobstructed end, the straining member being of such dimensions that the unobstructed end abuts the adjacent end of a pipe engaged in the end of the fitting opposite the plug when the plug is inserted.

1,570,113. CAR VENTILATOR. WILLIAM E. WINE, Toledo, Ohio. Filed Mar. 31, 1924. Serial No. 703,170. 16 Claims. (Cl. 98—31.)

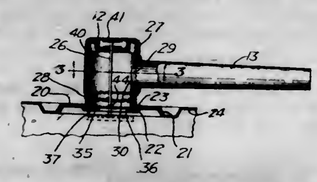
1. A ventilator comprising a frame, cross bars each formed of a plate bent in the shape of an angle and the apex of each cross bar lying in a vertical plane,

cooperating correspondingly formed slidable shutters arranged to move towards and away from the legs of the cooperating cross bars, the movement of the shutters



being in a plane extending across the frame of the ventilator and the movement of the shutters opening and closing the spaces between said cross bars.

1,570,114. SWING-SPOUT VALVE. OZRO N. WISWELL, Los Angeles, Calif., assignor to Swingspout Measure Co., a Corporation of California. Filed May 31, 1922. Serial No. 564,748. 2 Claims. (Cl. 221—26.)



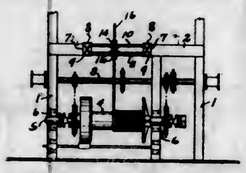
1. An attachment for a container comprising: a stationary tubular member adapted to be secured in an opening of a container and having a discharge opening; a rotatable cap telescopically engaging said tubular member and having a discharge opening adapted to register with the discharge opening of said tubular member; a closure member closing the passage through said tubular member; and means for changing the position of said closure member so as to render the passage through said tubular member open when force is applied to said means, said tubular member and said cap, said rod having an enlarged head protected by a depression in said cap.

1,570,115. STORAGE BATTERY. WILLIAM H. WOOD, South Euclid, Ohio. Filed Aug. 7, 1922. Serial No. 580,319. 12 Claims. (Cl. 136—77.)

1. A fully charged negative plate for a storage battery consisting of spongy metllic lead having magnesium sulphate in its pores.

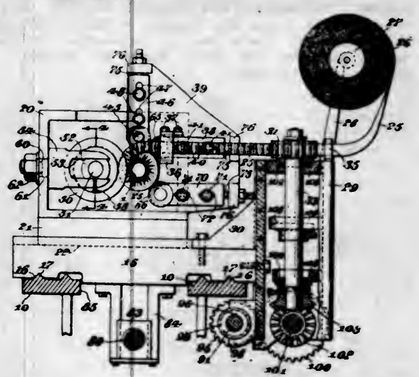
1,570,116. LINE GUIDE. MILES F. YOUNT, Beaumont, Tex. Filed June 11, 1925. Serial No. 36,427. 3 Claims. (Cl. 242—158.)

1. A line guide including a pair of bearing members spaced apart, an oblong bearing at the free end of each bearing member and an oblong bearing intermediate the ends of each bearing member, bearing rods



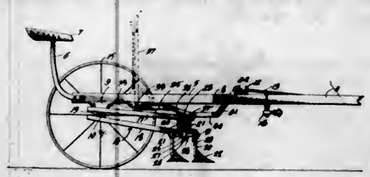
whose ends are adjustably mounted in the respective bearings a rotatable guide mounted on each rod, each guide being movable lengthwise with respect to its rods.

1,570,117. APPARATUS FOR APPLYING HELICAL RIBS TO PIPES. HANS J. ZIMMERMANN, Mannheim, Germany, assignor to Schutte and Koerting Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 30, 1922. Serial No. 609,797. 5 Claims. (Cl. 153—64.5.)



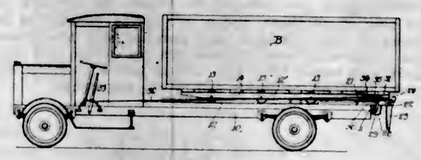
1. In an apparatus for coiling bands on pipes, the combination, with a rotary pipe support, of means for corrugating a band from edge to edge, means for feeding said band to a pipe mounted on said support, and means for stretching the outer edge portion of said band to remove the corrugations therefrom as it is wound upon said pipe.

1,570,118. COTTON BLOCKER OR CHOPPER. JAMES W. BAIRD, Beeville, Tex. Filed Apr. 11, 1924. Serial No. 705,889. 2 Claims. (Cl. 97—23.)



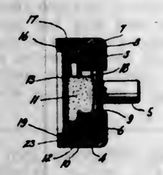
1. An agricultural implement of the class described including a wheeled frame, a plurality of arms pivoted on the frame, a plow beam extending transversely of the frame and attached to the arms, a plurality of plows mounted below the plow beam and attached thereto, means for raising and lowering the plow beam by pivoting the arms, a second beam mounted on the frame, means for bracing the second beam, and a plurality of links arranged in pairs pivoted to the plow beam and to the second beam.

1,570,119. REMOVABLE-BODY TRUCK. WILLIAM M. BAXTER, Chicago, Ill., assignor to Ideal Removable Body Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 2, 1923. Serial No. 610,245. 18 Claims. (Cl. 214—38.)



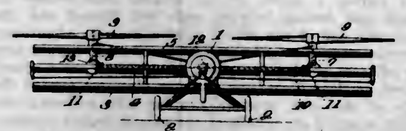
1. In a removable body truck, the combination of a chassis frame, and a track thereon, said track including a rear pivoted section adapted to be automatically elevated into engagement with the front edge of a platform upon engagement of said section with said platform and constituting a skid for the travel of the truck body between said chassis frame and platform.

1,570,120. TELEPHONE DEVICE. ARTHUR F. BENNETT, Richmond Hill, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 6, 1923. Serial No. 678,941. 5 Claims. (Cl. 179—122.)



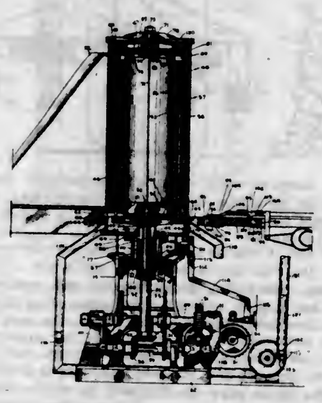
1. In a telephone transmitter, a container for comminuted material, a resilient member located within said container in contact with the comminuted material, and a mounting for said member adapted to change the shape of said member in response to the heat variations in said comminuted material.

1,570,121. HELICOPTER. HENRY A. BERLINER, Washington, D. C. Filed Nov. 9, 1923. Serial No. 673,714. 4 Claims. (Cl. 244—15.)



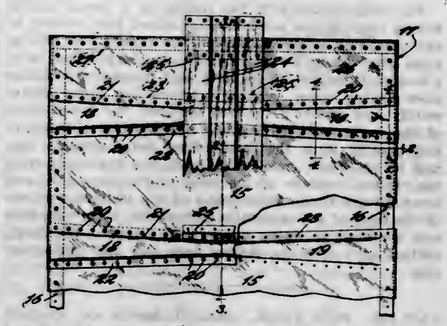
1. A helicopter including in combination, a fuselage, oppositely rotating lifting propellers spaced from each other and having their axes normally parallel and perpendicular to a plane passing longitudinally and centrally from the fuselage, means for rotating said propellers, and means for tilting the axes of the propellers relative to each other in opposite directions and in a direction at right angles to the plane containing the axes of the propellers for creating a turning torque in a horizontal plane.

1,570,122. CAN-END DRIER. DAVID LOGAN BISSET, Montreal, Quebec, Canada, assignor to A. R. Whittal Can Company, Limited, Montreal, Quebec, Canada. Filed July 9, 1924. Serial No. 725,027. 8 Claims. (Cl. 34—11.)



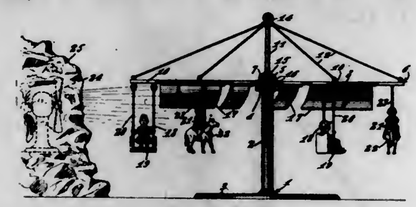
1. In a can end drier, an inner cylindrical casing and an outer cylindrical casing forming an annular drying chamber therebetween and having external and internal threads respectively forming a spiral path through said chamber, a vertical shaft suitably driven at the lower end, a frame mounted on the upper end of said shaft and driven thereby and formed of upper and lower spiders connected by rods, extending through said chamber at intervals and adapted to engage the can ends, rigid supports for said outer and said inner casings, and means for circulating hot air in forced draft including said annular chamber.

1,570,123. CAR ROOF. CHARLES DAVID BONSALL, Pittsburgh, Pa., assignor to P. H. Murphy Company, New Kensington, Pa., a Corporation of Pennsylvania. Filed Nov. 21, 1921. Serial No. 516,600. 13 Claims. (Cl. 108—5.4.)



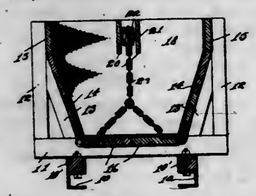
13. In a metal car roof, a plurality of roof sheets extending from side to side, each sheet having one edge overlapping the edge of the adjacent sheet and parallel ribs in each sheet extending from opposite sides of the sheet, the ribs on the upper side of the overlap extending upward and the ribs on the underside extending downward.

1,570,124. FLYING JENNY. WALTER R. BRANHAM, Fort Valley, Ga. Filed Apr. 7, 1924. Serial No. 704,789. 1 Claim. (Cl. 272—31.)



A toy merry-go-round comprising a pedestal provided adjacent to its upper end with an outstanding flange, the pedestal terminating at its upper end in a stub shaft, disposed above the flanges, a rotatable member comprising a hub, a rim and spokes connecting the hub with the rim, the rim approximating in width the length of the spokes, outstanding projections on the periphery of the rim, and a post carried by and upstanding from the hub, the hub being mounted rotatably on the stub shaft, the hub cooperating with the flange to support the rotatable member; guys extended between the upper portion of the post and the said outstanding projections of the rim figure supports disposed below the rotatable member and carried by the said outstanding projections of the rim, and means for rotating the rotatable member, said means embodying depending vanes carried by the rim of the rotatable member.

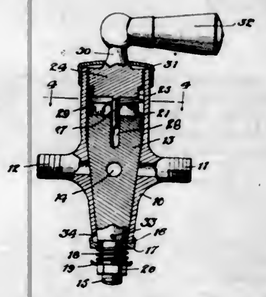
1,570,125. DUMPING-WAGON BOX. WILLIAM C. BRUHN and HERMAN C. BRUHN, Spirit Lake, Iowa. Filed Feb. 7. 1924. Serial No. 691,304. 1 Claim. (Cl. 298—35.)



The combination with the chassis of a motor vehicle having longitudinal bars, of longitudinal bars secured to and extending longitudinally on the chassis bars, transverse sills secured on the second-named longitudinal bars, a receptacle erected on the sills, said receptacle including sides having upper vertical portions and lower downwardly and inwardly inclined portions, the lower edges of the lower portions resting on the cross sills above and parallel with the longitudinal bars, uprights carried by the outer ends of the sills and connected with the vertical portions of the sides of the receptacle, and doors hinged to the lower edges of the inclined portions of the sides of the receptacle between the transverse sills and arranged to swing downwardly between the longitudinal bars and the chassis bars and said transverse sills.

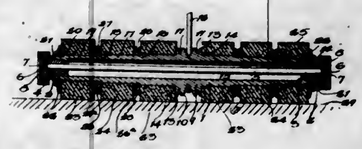
1,570,126. STOP COCK. JOHN H. BRUHN and AKACIUS E. MATZ, Dubuque, Iowa. Filed Feb. 27, 1925. Serial No. 12,014. 4 Claims. (Cl. 251—99.)

2. In a device of the character described, a valve casing, a plug rotatively mounted therein and adapted to cover and uncover the ports thereof, said plug having its upper end provided with a reduced extension, whereby a peripherally extending shoulder is formed, said extension being slotted to form two abutments, said plug being provided with a centrally arranged opening, a key section arranged above said plug and within said casing, said section being provided with a downwardly extending complementary abutment having its ends spaced from the periphery of the section thereby forming a shoulder adjacent said periphery, said complementary abutment being provided with a centrally arranged depending guide pin adapted to engage the opening in the plug at all times, and a coil spring adapted to be seated on said shoulders and surround said abutments, and adapted to normally hold the key section and plug apart, said spring being held against lateral displacement by the walls of the casing and by the abutments.



4. In a device of the character described, a valve casing, a plug rotatively arranged therein, a key section arranged adjacent said plug and adapted to interlock therewith, a coil spring adapted to engage the plug and key section adjacent their respective peripheries to normally hold them apart, and a guide pin carried by the key section and engaging an opening in the plug at all times.

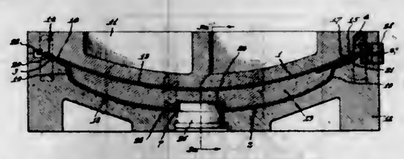
1,570,127. FLOOR CLEANING AND POLISHING DEVICE. EUGENE J. BUACH, Memphis, Tenn. Filed Sept. 11, 1923. Serial No. 662,124. 1 Claim. (Cl. 15—230.)



A cleaning and polishing roller comprising a tubular core having a pulley portion located intermediate its length and having between each end thereof and the proximate end of the pulley portion a series of integral portions stepped in outer diameter and each merged into the adjacent portion by an annular shoulder, said second named portions decreasing in outer diameter toward the ends of the core, annular cleaning and polishing elements mounted on certain of the second named portions, annular spacing members spacing adjacent cleaning and polishing elements apart, and means engaging with the extreme end portions of the core to retain said cleaning and polishing elements and the spacing members against axial movement on the core.

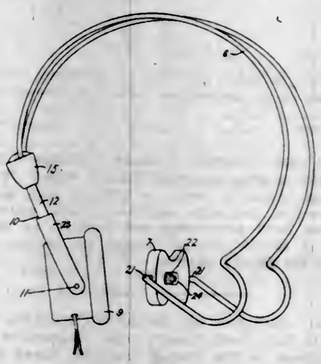
1,570,128. PROCESS OF MAKING WATER BAGS. HOWARD G. CARTER, Detroit, Mich. Filed June 28, 1924. Serial No. 722,940. 9 Claims. (Cl. 18—58.)

2. The method of manufacturing a water bag which consists in the moulding of a bag with an annular inwardly flanged filler opening in one side thereof and a temporary opening in the end of said bag, reversing said bag through said end opening, attaching a filler ring to



the flange of said filler opening, restoring the bag to normal non-reversed condition through said end opening, and thereafter sealing said end opening.

1,570,129. SUPPORT FOR HEAD TELEPHONE RECEIVERS. HARRY R. CLARKE, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 8, 1922. Serial No. 605,625. 5 Claims. (Cl. 179—156.)



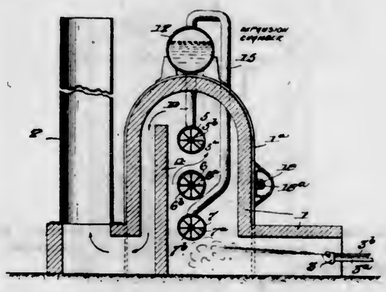
1. A support for telephone receivers comprising a receiver fork, a thimble rotatably connected to said receiver fork, means engaging said receiver fork to prevent the removal of said thimble, said means and said thimble mutually locking each other, and means rigidly securing said thimble to said head band.

1,570,130. HOOK AND EYE. WILLIAM F. CONAHAN, Aurora, Ill. Filed Apr. 6, 1925. Serial No. 21,129. 1 Claim. (Cl. 24—230.)



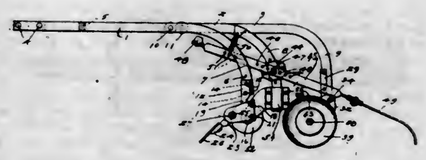
A fastener including a hook section and an eye section, said eye section having an opening, said eye section having an integral arm bent upwardly and forwardly, the forward end of the arm terminating at a point an appreciable distance beyond the forward edge of the eye section, a hook section, a tongue stamped from the body portion and depending therefrom, said tongue adapted to fit in the opening to connect the hook and eye sections, said arm engaging the hook section to force the tongue within the opening, and said hook section having upstanding lateral flanges adapted to embrace the side edges of the arm throughout a portion of the length of the arm, to guide the hook section into the eye section.

1,570,131. TREATING PETROLEUM OILS. ROLAND B. DAY, Lansdowne, Pa. Filed Aug. 5, 1921. Serial No. 489,936. 3 Claims. (Cl. 196—68.)



1. In the production of low boiling hydrocarbons from high boiling hydrocarbon oils, the process which comprises maintaining a first treatment chamber constantly full of liquid oil, maintaining a pool of oil in a second chamber and at a level above that of said first chamber and constantly connected by a communicating body of liquid with the oil of said first chamber, said communicating body of liquid extending from the interior and top of said first chamber to the interior and bottom of said second chamber, applying heat to the exterior of said first chamber sufficient to crack some of the oil therein, and leading off aeriform products from above said pool of oil, the even heating of liquid within said first treatment chamber being effected and the formation of carbon on the inner surface of the walls of said first chamber being prevented solely by violently agitating the liquid material continuously during the application of heat to said first chamber.

1,570,132. CULTIVATOR ATTACHMENT. SAMUEL DEVENBAUGH, Lagrange, Ind. Filed Aug. 13, 1923. Serial No. 657,124. 2 Claims. (Cl. 97—5.)

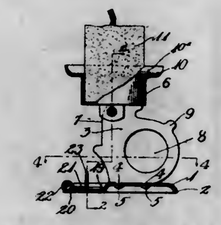


1. An attachment for agricultural machines comprising in combination with the frame, a beam having a rearwardly and downwardly curved extension, a land wheel adjustably mounted on the lower end of said curved extension, a rake arm pivoted upon said extension to swing in a vertical plane, means for adjusting the pivot point of said arm longitudinally thereof, a rake carried on the rear end of said arm, and means for yieldingly maintaining said rake in engagement with the ground in the rear of said machine.

1,570,133. CANDLESTICK. FRANK DI BELLA, New York, N. Y. Filed June 4, 1925. Serial No. 34,907. 4 Claims. (Cl. 67—23.)

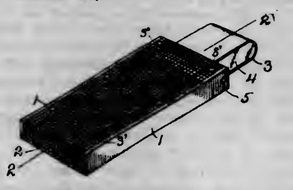
1. A candle stick comprising a base, a plate secured thereto and rising therefrom in a vertical plane, said plate having a horizontal upper edge and a vertical edge at right angles to said upper edge, and a candle socket having a downwardly projecting lug pivoted to said plate

in the angle between said two edges, the bottom of said socket being normally in contact with said upper edge but being adapted also to contact with the other edge



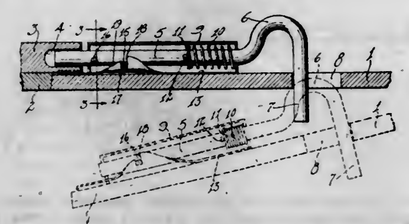
when the base is swung to an upright position, said base having means whereby it may be suspended in upright position.

1,570,134. INSECT CONTAINER. JACOB F. DIEMER, Liberty, Mo. Filed Oct. 5, 1925. Serial No. 60,486. 6 Claims. (Cl. 6—9.)



2. An insect container comprising a casing having an opening, and a U-shaped food receptacle slidable in said opening to and from a position in which the closed end of the receptacle will close said opening.

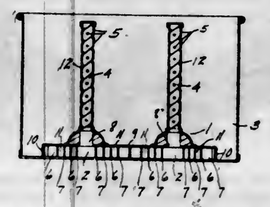
1,570,135. AUTOMATIC LATCH. GEORGE C. EMMERT, Mount Morris, Ill. Filed Mar. 8, 1924. Serial No. 697,892. 3 Claims. (Cl. 292—334.)



1. An automatic latch comprising a casing, a spring pressed bolt slidably carried by said casing, lugs carried by said bolt, a bolt retaining member having a groove adapted to receive said bolt, the walls of said groove having notches therein, said notches being adapted to receive said lugs to hold said bolt in retracted position, said retaining member having a portion projecting beyond said casing, this portion being swung into operative position when said lugs are received in said notches.

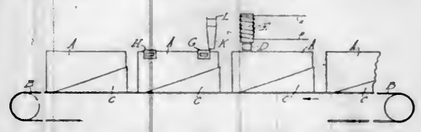
1,570,136. WASHBOILER. ADAM E. FISHER, St. Louis, Mo. Filed Oct. 22, 1923. Serial No. 670,046. 1 Claim. (Cl. 68—30.)

In a clothes washing device embodying flat basal steam forming chambers having percolating tubes rising therefrom; a plurality of channel strips mounted edgewise and spirally intercoiled in substantially parallel relation within the basal chamber beneath each tube, the outer ends of the strips being separated and flared



straight towards separate corners of each basal chamber and the inner ends being spirally directed towards the base of the percolating tube.

1,570,137. PROCESS OF GLAZING BRICK. ANDREW FISCHER, Jr., Chicago, Ill. Filed June 21, 1924. Serial No. 721,497. 3 Claims. (Cl. 91—72.)

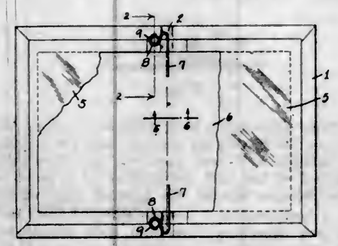


1. The herein described steps in a process of glazing brick which consists in pre-heating the surface of a normally non-conducting brick to bring it into condition for conducting electricity, applying glazing material to the heated brick and fusing said material by the passage of an electric current through the surface of the brick and the glazing material.

1,570,138. PROCESS OF TREATING FILTER BAGS. JOHN D. GAT, North Canton, Ohio, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio, a Corporation of Ohio. Filed Apr. 30, 1921. Serial No. 465,893. 1 Claim. (Cl. 183—44.)

The process of rendering suction sweeper bags dust retaining which consists in subjecting the bag to a solution of approximately 100 lbs. of petrolatum and 60 lbs. of paraffin and 150 gallons of gasoline then evaporating the gasoline.

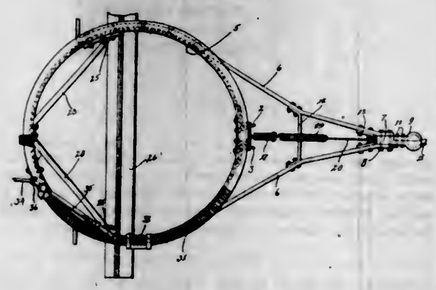
1,570,139. DISPLAY HOLDER. GEORGE E. GATES, Comstock, Mich. Filed Nov. 13, 1922. Serial No. 600,550. 1 Claim. (Cl. 129—40.)



A double folder of boards with a hinged center, transparent sheets for each side retained by the cover material at the edges and forming pockets open at their inner edges, hooks secured to one of the boards at the top and bottom of the said hinge with projecting fingers

parallel to and within the hinge for receiving a folded menu or card, each of said hooks being formed with an eye and being retained by an eyelet therethrough, as specified.

1,570,140. ROAD GRADER. CLARENCE EUGENE GILBERT, Aberdeen, S. Dak. Filed May 15, 1925. Serial No. 30,581. 5 Claims. (Cl. 37—156.)



1. A road grader of the character described comprising a frame including a split annulus, a circle rotatably mounted in said split annulus, a grader cutting edge carried by said circle, means for normally contracting said split annulus so as to frictionally engage with said circle, and manually opesated means for rotating said circle with respect to said split annulus when said split annulus is expanded.

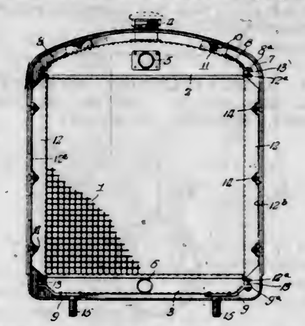
1,570,141. HAIR WAVER. JOSEPH GLANTZ, New York, N. Y. Filed Dec. 3, 1924. Serial No. 753,629. 1 Claim. (Cl. 132—38.)



A hair waver comprising a plate having an offset portion, a plurality of divergent prong elements integral with said offset portion adapted to enter the hair to be waved, a second plate hingedly engaged with said first named plate, said second plate being offset to fold closely adjacent the first plate which the prongs are received together with the hair thereon, said plate and prongs being curved, to conform to a person's head, a spring normally pressing said prongs towards said plate, and an angular lug on the second plate constituting means for manipulating said plate to release the prongs.

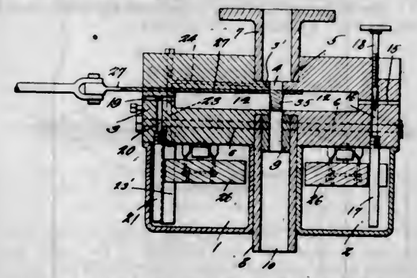
1,570,142. RADIATOR FOR MOTOR VEHICLES. JOSEPH D. HARRIS and TALMADGE M. DALGARN, Detroit, Mich. Filed Apr. 22, 1921. Serial No. 463,561. 6 Claims. (Cl. 257—125.)

1. A radiator for motor vehicles, comprising an outer casing or shell, upper and lower tanks and an interposed core located in said shell, said core being secured to said tanks, brackets carried by said tanks at the ends thereof, vertical strips extending between said brackets at the sides of the core but having no connection therewith, and means for releasably clamping the ends of said strips to said brackets, said means on clamping the strips



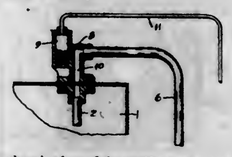
to the brackets acting to draw the tanks and core tightly together, said strips being secured to the sides of said shell for holding the assembled core and tanks therein.

1,570,143. CARBURETOR. WILLIAM A. HEIDE, Detroit, Mich. Filed Oct. 1, 1919. Serial No. 327,777. 1 Claim. (Cl. 261—18.)



In a carburetor the combination with separate fuel bowls and blocks each having a pocket communicating with one of the bowls, of means for admitting air to the pockets, a conduit between the blocks having a slot in its walls, a fuel controlling throttle movable transversely of the slot and within the pockets, there being spaced fuel openings in the throttle either one of which is movable into register with the slot, and a rib carried by the throttle and movable therewith into either of the pockets to close communication between said pocket and the slot.

1,570,144. PRESSURE-CONTROLLED TEMPERATURE REGULATOR FOR ARTIFICIAL REFRIGERATORS. FRED J. HEIDEMAN, Detroit, Mich., assignor to The Freezerator Company, Detroit, Mich., a Corporation of Michigan. Filed Feb. 21, 1923. Serial No. 620,548. 2 Claims. (Cl. 62—4.)



1. In a mechanical refrigerating apparatus, a circulatory system for a refrigerant, said system including an expansion coil, a pumping unit for propelling the refrigerant through said system, an outlet fitting for

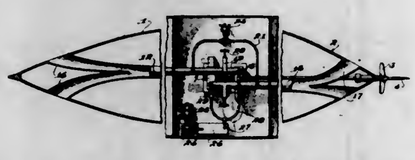
said coil chambered to form a receptacle for a fluid highly responsive expansively to a temperature increase, a pressure-responsive device exercising control of said pumping unit and a fluid duct connecting said receptacle to said pressure responsive device.

1,570,145. LIGHT-REFLECTING ORNAMENT. HUGO HELLER, Milwaukee, Wis. Filed Mar. 20, 1925. Serial No. 16,945. 16 Claims. (Cl. 41—10.)



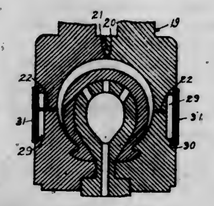
1. As a new article of manufacture, a Chirstmas tree ornament provided with a body fashioned of metallic foil having its surface decorated with color and provided with means for supporting it from the branch of a Christmas tree.

1,570,146. MARINE PROPULSION. JULIAN P. HENDRICKSON, Chehalis, Wash. Filed May 18, 1925. Serial No. 31,138. 5 Claims. (Cl. 115—34.)



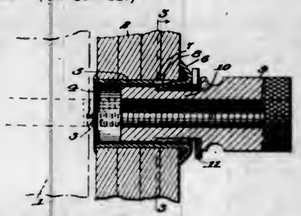
1. In a marine vehicle, injector means therein opening onto the bow and stern portions of the same, fluid operable means communicating with said injector means and adapted to be selectively connected to the vehicle propeller shaft, a source of compressed air within the vehicle connected to the inner ends of each of said injectors, means for supplying compressed air to said source and maintaining the pressure thereof, and other means connected to the inner portions of said injectors for maintaining a partial vacuum therein, at times.

1,570,147. MOLD. DANIEL EDWARD HENNESSY, Milwaukee, Wis., assignor, by mesne assignments, to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Aug. 19, 1921, Serial No. 493,591. Renewed Feb. 27, 1924. 15 Claims. (Cl. 18—42.)



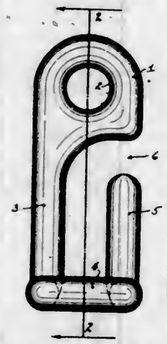
1. In combination, a mold provided with vents opening through a face thereof, and means adapted to segregate said vents.

1,570,148. FASTENER. VON H. HERR, Philadelphia, Pa., assignor of one-third to Charles W. Herr, one-third to Frank H. Mattingly, and one-third to Robert Y. Willett. Filed Apr. 27, 1925. Serial No. 26,160. 4 Claims. (Cl. 85—32.)



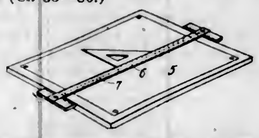
1. A fastener comprising a bushing to be secured in a member to be fastened, the bushing formed with inwardly and rearwardly projecting tongues struck therefrom, a sleeve nut swivelled in the bushing to engage a mating member projecting from a support and means formed in the sleeve nut to receive said tongues.

1,570,149. SAFETY HOOK. GEORGE F. HICKOK, San Francisco, Calif. Filed June 27, 1925. Serial No. 39,936. 2 Claims. (Cl. 24—123.)



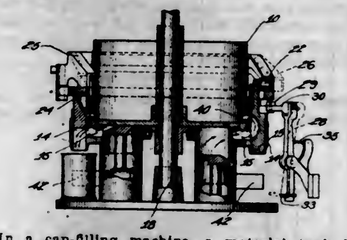
1. A safety hook formed from a single bar of metal, said bar having an attaching head formed at and offset from one end, and the remainder of said bar being bent to a U-shape, the bight of said U-shape being bent at right angles to its legs, and the free leg thereof terminating at a distance from said head equal to the space between said legs.

1,570,150. T SQUARE. SAMUEL S. HINDS, Brooklyn, N. Y. Filed June 26, 1923. Serial No. 647,864. 1 Claim. (Cl. 33—80.)



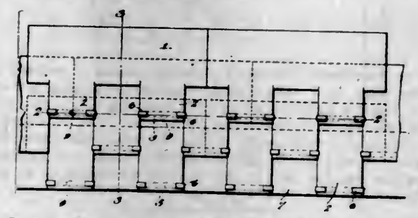
A drawing instrument of the class described comprising a ruler graduated in opposite directions along its opposed edges respectively and having a series of apertures therethrough at different points throughout its length, and a cross head at each end of said ruler one of said cross heads being adapted to be positioned at any of said points to accommodate different size drawing boards.

1,570,151. CAN-FILLING MACHINE. AUGUST HOLMQUIST, Hoopeston, Ill., assignor, by mesne assignments, to Sprague-Sells Corporation, Hoopeston, Ill. Filed Apr. 26, 1920. Serial No. 376,535. 14 Claims. (Cl. 226—97.)



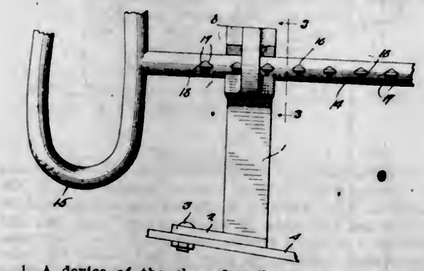
1. In a can-filling machine, a material tank having apertures therein, measuring devices adapted to be filled therefrom, a cut-off plate to open and close said apertures, means for filling cans from said measuring devices, and means normally operating, upon the absence of a can, to permit the material in a measuring device to be forced back into said tank, while the aperture through which the material entered said device is closed by said cut-off plate.

1,570,152. ROOF COVERING. JAMES ELMER HOOKER, Tampa, Fla. Filed Aug. 26, 1925. Serial No. 52,601. 5 Claims. (Cl. 108—8.)



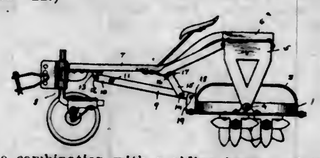
5. A roofing unit comprising a shingle having an extending flap portion and a locking strip attachable to a support underneath said flap portion and having end portions adapted to be bent across the edges of the flap portion and onto the flap portion to hold it in place.

1,570,153. OPERATING MEMBER. MAURICE R. HORRELL, Chanute, Kans., assignor of two-thirds to The Western Drilling Tool & Supply Co., Chanute, Kans. Filed Sept. 14, 1925. Serial No. 56,298. 2 Claims. (Cl. 74—39.)



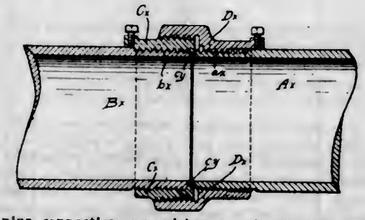
1. A device of the class described, comprising a support having an opening provided with an extension, an operating rod slidable and rotatable in the opening and having a lateral projection adapted to pass through the extension, the suport having a seat wherein the projection is adapted to be lodged, the support having an inclined surface over which the projection rides when the operating rod is rotated to engage the projection in the seat.

1,570,154. HARROW. OLOF H. JOHNSON, Duluth, Minn. Filed June 1, 1925. Serial No. 33,885. 2 Claims. (Cl. 55—11.)



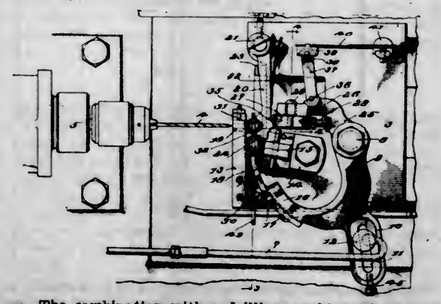
1. The combination with a riding harrow of the class described, of a pivotally mounted rotatable frame carrying independently rotatable cultivating elements, said frame having runners upon one side thereof for selective engagement with the ground.

1,570,155. PIPE CONNECTION. VICTOR KARBOWSKI, Chicago, Ill., assignor of one-half to Charles Laskowski, Baltimore, Md. Filed Aug. 9, 1924. Serial No. 731,114. 1 Claim. (Cl. 285—146.)



A pipe connection comprising a pair of pipe sections each having a standard threaded end, a sleeve arranged to be screwed on the end of one section and having a portion of its exterior surface threaded, a union having a portion threaded internally to engage the end of the other section, and being provided with another portion threaded to engage the exterior threads of said sleeve, said sleeve having an integral inwardly extending annular flange adapted to close the space between the pipe ends, said inwardly extending annular flange being pressed upon by the ends of the pipe sections when the parts are connected, and constituting a packing ring for preventing leakage.

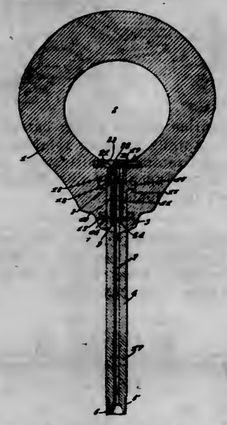
1,570,156. DRILLING FIXTURE. HARRY T. KINGSBURY and EDWARD J. KINGSBURY, Keene, N. H. Filed Apr. 3, 1923. Serial No. 629,717. 22 Claims. (Cl. 77—5.)



1. The combination with a drilling machine, of a work support, a guide carried by said support, a clamping member adjacent said guide, and means operated by the

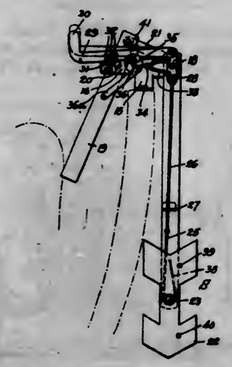
drilling machine for operating the clamping member during the forward movement of the drill for holding the nipple and means carried by the clamping member for discharging the nipple on the rearward movement of the drill.

1,570,157. VALVED AIR BAG. CHRISTOPHER B. KNEPPER, Akron, Ohio. Filed Mar. 18, 1925. Serial No. 16,500. 8 Claims. (Cl. 18—45.)



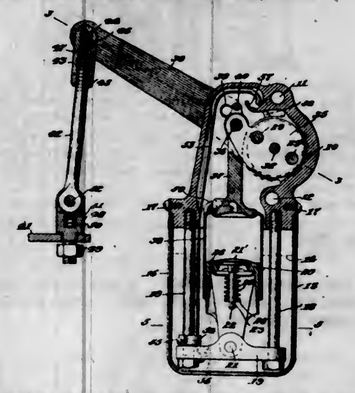
1. A valved air bag comprising a hollow flexible body portion, a tubular valve stem having a laterally extending flange at its inner end, said stem having its flanged inner terminal portion embedded in said body portion at a point removed from the inner periphery of the latter, a flanged cap seated in and projecting from the inner end of said stem, said cap embedded in said body portion and having a portion of one face of its flange extended from said inner periphery, a headed tubular element seating in said cap and threadedly engaging with said stem for tghtening and coupling said cap relative to the stem, the opening formed by said element providing a continuation of the opening formed by the stem for supplying air to said body portion.

1,570,158. DIRECTION SIGNAL. NORMAN W. KNIGHT, Los Angeles, Calif. Filed Mar. 1, 1924. Serial No. 696,390. 7 Claims. (Cl. 116—51.)



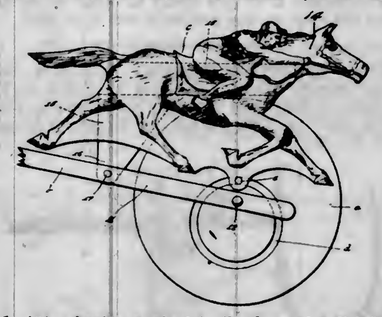
1. A direction signal comprising an arm normally occupying a non-signaling position and adapted to be moved to a signaling position, a semaphore movable on the arm to occupy various signaling positions, adjustable means by which the semaphore is moved to any desired signaling position upon movement of the arm from non-signaling to signaling position, and means automatically controlling the adjustable means to cause the semaphore to occupy a predetermined signaling position upon a succeeding movement of arm from non-signaling to signaling position only when the adjustable means has not been previously adjusted to cause the semaphore to occupy any other than the predetermined position.

1,570,159. SHOCK DIFFUSER. FRANK F. LANDIS, Waynesboro, Pa. Filed Nov. 13, 1924. Serial No. 749,760. 30 Claims. (Cl. 188—88.)



1. In a shock diffuser, a chamber adapted to be fixed to the body of a vehicle said chamber containing a body of liquid, a fixed depending yoke extending below the level of the liquid, a piston on said fixed yoke, a movable cylinder for said piston having its lower rim below the level of said liquid, and connections from said cylinder to the running gear of the vehicle, substantially as set forth.

1,570,160. FIGURE WHEELED TOY. FENELON MCCOLLUM, Jr., Mansfield Depot, Conn. Filed Nov. 8, 1923. Serial No. 673,587. 3 Claims. (Cl. 46—45.)

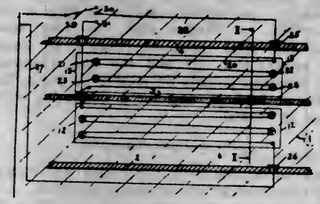


1. A toy having a wheel in the form of a disk having an eccentric cut in each side, a bushing fixed in the center of said wheel, a handle having a bifurcated or forked end, the arms of which straddle said disk and bushing, a sleeve of greater axial length than said bushing clamped between the arms of said handle and upon which said wheel and bushing are journaled, a figure of an animal straddling said disk and resting upon said eccentrices, said figure having a part extending down between the arms of said handle rearwardly of said disk, and a pin for pivotally connecting the part to said arms of said handle.

1,570,161. MOTOR FUEL. RALPH H. MCKEE, New York, N. Y. Filed Nov. 19, 1923. Serial No. 675,728. 8 Claims. (Cl. 44—9.)

1. A mixed fuel for internal combustion engines comprising a homogeneous mixture of the gasoline-like fraction of shale oil, alcohol and ethylene.

1,570,162. MEANS AND METHOD FOR WARMING FLOORS. JOHN W. MCKEEHAN, Contra Costa County, and GEORGE J. HENRY, San Francisco, Calif. Filed Nov. 18, 1922. Serial No. 600,537. 13 Claims. (Cl. 219—19.)



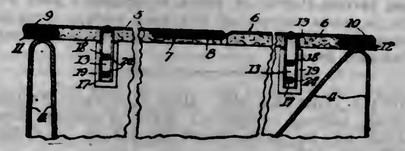
2. An electric heater adapted to heat the floors of rooms and comprising a casing adapted to be fixed to the underside of a floor and an electric resistance within said casing comprising a plurality of loops in a plane substantially parallel with the floor.

1,570,163. NAPKIN MOISTENER. FRANK H. MATTINGLY, Washington, D. C., assignor of one-third to Albert E. Zintl, Woodbury, N. J., and one-third to Robert V. Willett, Washington, D. C. Filed Feb. 28, 1925. Serial No. 12,462. 5 Claims. (Cl. 62—1.)



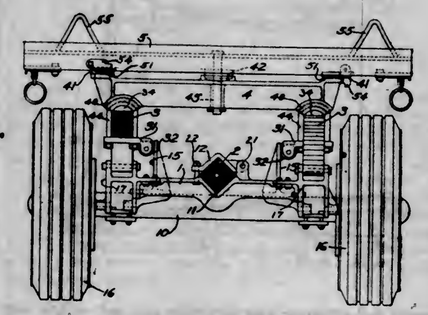
1. A receptacle for the purpose set forth containing water and formed with rupturable collapsible walls, whereas when the walls are collapsed the water will percolate through the ruptured portion of the walls.

1,570,164. TEMPORARY COVER FOR BATHTUBS. LEO MAYER, Chicago, Ill. Filed Mar. 9, 1925. Serial No. 13,978. 8 Claims. (Cl. 4—173.)



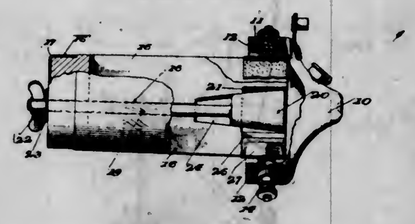
1. In a cover for bath tubs and the like, U-shaped ribs projecting from the cover for guiding and retaining said cover with respect to the opening of the bath tub to be covered, and a movable member of said rib projections for adapting the cover to be guided and retained with respect to bath tubs of varying sized openings.

1,570,165. TRAILER. IRA J. MERRILL, Seattle, Wash. Filed July 23, 1923. Serial No. 653,190. 11 Claims. (Cl. 280—33.4.)



1. The combination with a bolster, springs under each end of the bolster and a transversely curved sliding connection between each of the springs and the bolster, the axes of curvature thereof extending in a longitudinal direction and positioned well below the said connection.

1,570,166. GRINDING TOOL. ALONSO MORRIS, Sabina, Ohio. Filed June 1, 1923. Serial No. 642,835. 4 Claims. (Cl. 51—194.)

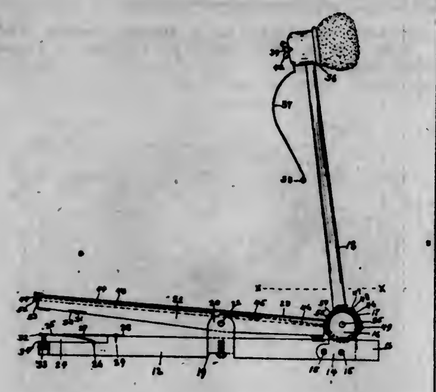


1. In a device of the character described, a body, said body being split longitudinally throughout a portion of its length from a point adjacent to but spaced from one end to and through its other end, whereby one end of the boody is expansible and the other end is inexpansible, an abrasive material encircling said expansible end, and means for expanding said expansible end, said means being operable from the inexpansible end of the body.

1,570,167. PEDAL-OPERATED DRUM BEATER AND CYMBAL SOUNDER. AUGUST MORTENSEN, San Francisco, Calif., assignor to The "Frisco" Mfg. Co. Inc., San Francisco, Calif. Filed May 29, 1924. Serial No. 716,784. 2 Claims. (Cl. 84—422.)

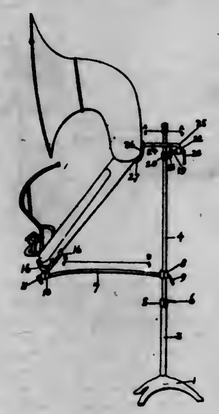
1. In a drum beater, a base having upstanding ears, an oscillatory shaft journaled between said ears, a spring actuated drum beater extending from said shaft, a treadle fulcrumed to said base, an operative connection between said shaft and said treadle, said connection comprising a flexible band, one end of said band being secured to said shaft, said band thence passing underneath said shaft and having the other end thereof secured

to adjusting means, said adjusting means consisting of a longitudinally disposed rod, a longitudinal groove provided in said treadle in which said rod operates,



means for adjusting and retaining said rod within said groove, thus normally retaining the drum beater in position of use but permitting said rod to be removed from said groove in the collapse of the drum beater.

1,570,168. MUSICAL-INSTRUMENT SUPPORT. AUGUST MORTENSEN, San Francisco, Calif., assignor to The "Frisco" Mfg. Co. Inc., San Francisco, Calif. Filed Feb. 19, 1925. Serial No. 10,382. 2 Claims. (Cl. 248—40.)



1. A device of the class described, comprising a base member, a tubular standard secured upon said base member, said standard provided with a vertically adjustable member, a horizontally disposed curved supporting member mounted on said vertically adjustable member, means for holding said curved supporting member in different positions of adjustment, a curved instrument supporting element pivotally mounted on said curved supporting member, a horizontally disposed bar member mounted on said vertically adjustable member above the said horizontally disposed curved supporting member and spaced therefrom, means for securing the bar member in different positions against movement, a horizontally disposed arm part pivotally supported by said bar member, said arm part provided with instrument supporting means, said instrument supporting means cooperating with the aforementioned curved instrument supporting elemeat to support an instrument, and operative means whereby the vertically adjustable member including the cooperating instrument supporting means connected thereto may be swung in substantially a horizontal plane.

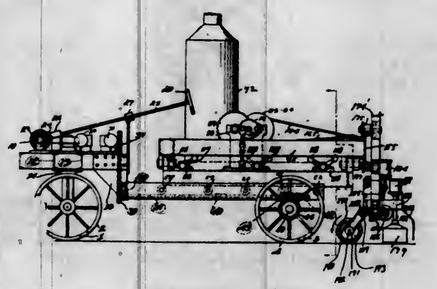
1,570,169. PLASTIC COMPOSITION, A PUTTY OR A FILLER CEMENT. MARK W. NELSON, Lincoln, and WALTER F. NELSON, College View, Nebr. Filed Jan. 9, 1925. Serial No. 1,481. 3 Claims. (Cl. 106—8.)

1. A plastic composition, adapted to form a putty or a filler cement, for window sash, the joint where the glass and the wood meet, to produce an impervious joint to water, dust, air and the like, comprising of eleven to fourteen pounds of plaster of Paris, three to five ounces of litharge, and for a cementing substance, two quars of varnish.

1,570,170. PROCESS FOR RECOVERING VANADIUM FROM PETROLEUM HYDROCARBONS. ALFRED OBERLE, Oak Park, Ill., assignor of one-half to Thomas E. Scofield, Kansas City, Mo. Filed June 25, 1924. Serial No. 722,309. 6 Claims. (Cl. 23—16.)

1. A process for extracting vanadium from petroleum hydrocarbons which consists in treating the hydrocarbons to drive off the volatile materials and subjecting the residue to a leaching action with a vanadium solvent fluid to recover the vanadium compounds therefrom, removing the solvent and recovering the vanadium compounds.

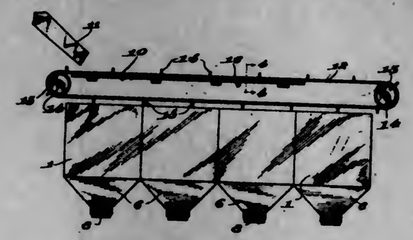
1,570,171. ROAD-WORKING APPARATUS. THOMAS S. O'BRIEN, Oakland, Calif., assignor to Lesser-Carson Company, a Copartnership consisting of Harry Lesser, Francis L. Carson, and Thomas S. O'Brien, San Francisco, Calif. Filed Oct. 10, 1923. Serial No. 667,666. 13 Claims. (Cl. 94—49.)



1. A road working apparatus comprising a truck, a longitudinally movable frame thereon, means to move said frame in either direction, a transversely extending beam carried thereby, a means to prepare a road surface, a frame supporting said road surface preparing means, and means to move said frame back and forth along said beam.

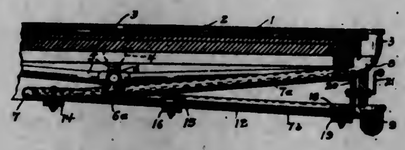
1,570,172. GRAVEL BIN. MURT L. O'NEIL, Warland, Mont., assignor to Robert J. O'Neil, Swissbome, Oreg. Filed July 28, 1924. Serial No. 728,774. 3 Claims. (Cl. 214—17.)

1. In a device of the class described, a plurality of open-topped bins arranged in series and in juxtaposition, a platform spaced above said bins and extending over all but one of them, an endless conveyor arranged to travel along the length of the series of bins and having



its upper run traveling over the surface of said platform and its lower run traveling over the open tops of said bins.

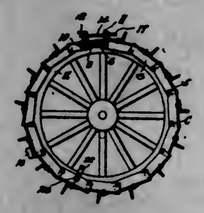
1,570,173. POOL-TABLE-BALL COLLECTING AND RETURNING DEVICE. EUGENE F. O'NEILL and ELMER L. KERN, Minneapolis, Minn. Filed Jan. 2, 1925. Serial No. 247. 22 Claims. (Cl. 273—11.)



1. In combination with a game table having pockets and balls adapted to be driven therein, of means for collecting the balls entering said pockets, and means combined with said last mentioned means for returning said balls successively to the top of the table.

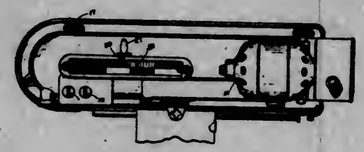
2. A pool table comprising pockets having in combination, means for collecting the balls entering any of said pockets, and means for singly returning the last ball pocketed to the top of the table.

1,570,174. TRUCK TIRE TRACTION CHAIN. WILLIAM PATERSON and MAY H. PATERSON, Oakland, Calif. Filed Apr. 20, 1925. Serial No. 24,699. 4 Claims. (Cl. 301—40.)



1. In a truck tire traction chain, a series of angle plates, pivotally connected together at the ends of the perpendicular sides of said angle plates, arranged in pairs to fit around the periphery and side rims of a truck wheel, the lateral flanges of each pair of said angle plates being flush with the face of the rubber tire of a truck wheel, a transverse angle plate fixed at each of its ends to the lateral flanges of said pair of angle plates forming continuous enclosing links around the periphery and sides of the tire of said wheel, the outwardly projecting angle of said transverse angle plates mounted upon each pair of said side angle plates, forming traction grippers.

1,570,175. PRINTING MACHINE. WALTER B. PAYNE, Rochester, N. Y., assignor to The Todd Company, Inc., Rochester, N. Y., a Corporation of New York. Filed Nov. 12, 1923. Serial No. 674,207. 6 Claims. (Cl. 197—6.2.)



4. In a machine of the class described, the combination with a platen and a carrier shiftable to bring a plurality of type forms selectively into printing relation with said platen, manual means for shifting said carrier and a dial for indicating said movement, of a stop movable toward and from the path of movement of said carrier and having a beveled portion on one side thereof for engagement by the carrier during movement of the latter in one direction for displacing said stop, spring means normally retracting said stop, a key and a bell crank lever connecting said key and stop for advancing the latter to active position.

1,570,176. PROCESS FOR DEGASSING AND DEOXIDIZING STEEL. SAMUEL PEACOCK and NELSON E. COOK, Wheeling, W. Va. Filed Mar. 3, 1925. Serial No. 12,993. 1 Claim. (Cl. 75—49.)

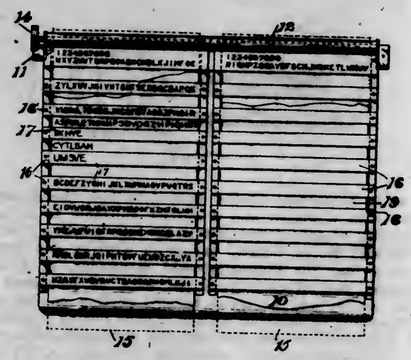
The process of degassing and simultaneously deoxidising molten iron and steel metal which consists in adding to said metal anhydrous tri-sodium aluminate thereby forming compounds with any eutectoids present that melt in said metal and liberating any compounds of oxygen and carbon that are associated with said eutectoids.

1,570,177. SANDING BLOCK. JAMES B. POINTER, Cleveland, Ohio. Filed Jan. 29, 1923. Serial No. 615,589. 1 Claim. (Cl. 51—187.)



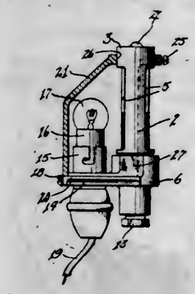
A smoothing and finishing tool, comprising a clamping hand-hold member made of spring metal having an arched top and straight depending side walls connected by reverted spring portions, whereby a set of blades placed between said sidewalls may be held frictionally in contact in various adjusted positions, in combination with a plurality of thin metal blades adjustably mounted between said walls adapted to extend variable distances beneath the bottom edges thereof conformable with different patterns of work to be operated upon, and clamping bolts extending through said side walls and said blades adapted to positively clamp the blades when adjusted.

1,570,178. CODE MACHINE. FRANK PREVOST, Lead, S. Dak. Filed Dec. 13, 1923. Serial No. 680,810. 9 Claims. (Cl. 35—13.)



1. A device of the character deacribed comprising a code sheet having parallel rows of symbols thereon and an element carrying a master row of symbols to be disposed in register with separate aligned symbols of the parallel rows.

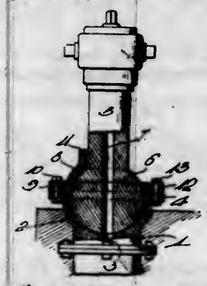
1,570,179. DEVICE FOR ILLUMINATING OIL GAUGES. MORTON D. PROUTY, ROLLIE CRAIG, CLIFFORD RAWLINGS, and HARRY CARLSON, Galva, Iowa. Filed May 16, 1924. Serial No. 713,777. 2 Claims. (Cl. 240—2.)



1. A device of the type described comprising a gauge glass, an upright supporting said gauge glass, a base member extending rearwardly of said upright, an incandescent lamp supported on said base member at one side of said gauge glass, a combined protector and reflector element arranged to seat closely upon said base member and to encompass said lamp, said element being further formed to encompass said upright at the upper end thereof, whereby said element may not move out of engagement with respect to said upright, and a set screw projected through that portion of said element encompassing said upright for tightly securing the element to said upright.

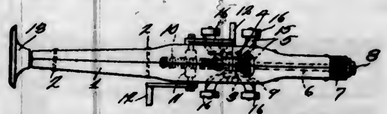
1,570,180. WATER PLUG. WILLIAM Z. PULLIAM, Los Angeles, Calif. Filed July 16, 1925. Serial No. 44,069. 4 Claims. (Cl. 137—13.)

1. A hose-feeding water plug comprising a base adapted to be stationarily mounted at one edge of a street, and a normally upright plug body pivotally connected with said base for downward swinging if struck a blow by a vehicle on the street, the pivotal connection between said plug body and said base comprising a joint permitting downward swinging of said body on any of



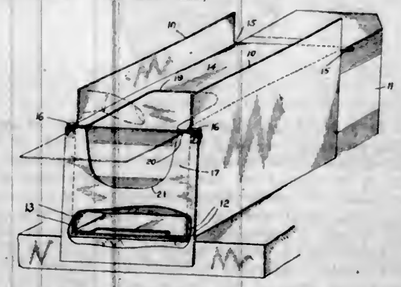
a plurality of paths according to the direction in which the blow is delivered, said plug body and base having communicating water ports.

1,570,181. BORING MACHINE. JOHN B. OWENS, Oleika, Ky. Filed Jan. 16, 1923. Serial No. 612,961. 1 Claim. (Cl. 255—46.)



The combination with a coal mine drilling machine comprising a casing having a breast plate at one end thereof, an axially alined driving shaft at the forward end of the casing and rotatably mounted in bearings therein, of a gear train and operating mechanism for said drive shaft, said mechanism comprising a transversely disposed drive shaft extending through the casing, a transversely disposed counter shaft extending through the casing in parallel relation to the transversely disposed drive shaft, meshing gears carried by said transversely disposed shafts in the same plane as the longitudinal center line of the casing, meshing bevelled gears carried by the first mentioned drive shaft and the countershaft, said first mentioned meshing gears being driven by opposite disposed cranks carried by the transversely disposed drive shaft at opposite sides of the casing and by their position to the longitudinal center of the casing prevent tilting to one side of the device as a whole during a drilling operation.

1,570,182. CARD-DELIVERING DEVICE. RALPH E. PAGE, Binghamton, N. Y., assignor to The Tabulating Machine Company, Endicott, N. Y., a Corporation of New Jersey. Filed Mar. 11, 1924. Serial No. 698,474. 8 Claims. (Cl. 211—29.)



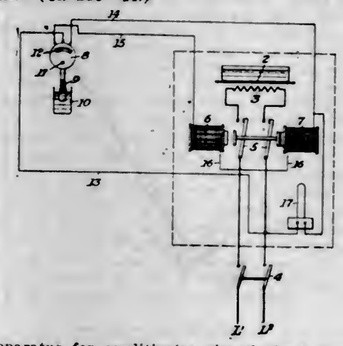
5. A dispensing apparatus for tabulating or other record cards comprising a U-shaped open ended and open-topped box having a pair of side walls adapted to

receive and enclose at the sides a stack of record cards, a united front plate and follower plate assembly supported upon the cards in said box and guided within said box by the walls thereof, said assembly having a withdrawal slot in the front thereof through which the uppermost card in the stack may be withdrawn, said assembly having notched openings in the follower and front plates for the purpose described.

1,570,183. DECORATIVE EXFOLIATED SHELL AND METHOD OF PRODUCING THE SAME. SIDNEY RAUSCHENBERG, San Diego, Calif. Filed May 17, 1924. Serial No. 714,148. 11 Claims. (Cl. 252—1.)

1. A product of manufacture, consisting of exfoliated pearl shell.

1,570,184. METHOD AND APPARATUS FOR CONDITIONING AIR. CHARLES J. RAMSBURG, Edgeworth, Pa. Filed July 30, 1923. Serial No. 654,541. 7 Claims. (Cl. 236—44.)



1. Apparatus for conditioning the air in a room, including a radiator for heating the air in the room, a water-containing vessel adjacent thereto adapted to take heat from the radiator for evaporating the water into the air, an electric heater for supplying additional heat to the water-containing vessel, a switch for controlling the current supplied to the heater, and a wet-bulb thermostat remote from the radiator and effective for operating the switch to maintain the wet-bulb temperature between predetermined limits substantially as described.

1,570,185. DISCUS. WILLIAM F. REACH, Chicopee, Mass., assignor to A. G. Spalding & Bros., New York, N. Y., a Corporation of New Jersey. Filed June 24, 1925. Serial No. 39,262. 4 Claims. (Cl. 272—59.)



1. A discus comprising an annular member having rebates in opposite faces thereof, spaced reversely dished circular plates having their peripheral edges seated in the rebates of and secured to said annular member, and means connecting the central portion of said dished plates.

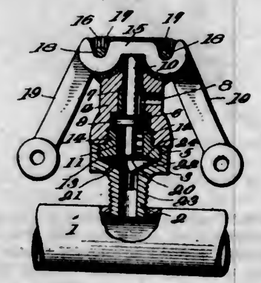
1,570,186. SEALING STRIP. JOHN R. REPLOGLE, Detroit, Mich., assignor to The Security Trust Company, trustee, Detroit, Mich., a Corporation of Michigan. Filed Feb. 21, 1921. Serial No. 446,925. 3 Claims. (Cl. 20—69.)

1. A sealing strip for refrigerators, consisting of a sheet metal backing strip bent to form a plurality of longitudinally extending recesses opening in the same direction, and a fold of sealing material having each of its longitudinal edges in one of said recesses and secured therein by spaced compressed portions in said



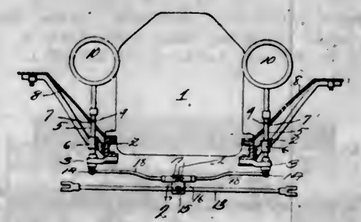
backing strip, said backing strip having outwardly projecting portions between said compressed portions constituting means for retaining it in a groove, substantially as shown and described.

1,570,187. AIR-BRAKE RELEASE VALVE. PHILIP B. ROHNER, Carroll, Iowa, assignor of one-half to Andrew A. Drees, Carroll, Iowa. Filed Oct. 23, 1925. Serial No. 64,331. 12 Claims. (Cl. 303—80.)



1. In a brake release valve, an upper port, a lower port, and a diaphragm disposed between the ports and normally closing the lower port, said diaphragm being operable under pressure from the brake cylinder to open the lower port and close the upper port and having a flexible central depending nipple disposed in the path of escaping pressure fluid to be closed thereby.

1,570,188. DIRIGIBLE HEADLIGHT. WILLIAM P. SHEETS, Glendale, Ariz. Filed Nov. 9, 1923. Serial No. 673,721. 1 Claim. (Cl. 240—62.)



The combination with the opposite side rails of an automobile, a transversely disposed and longitudinally movable connecting rod beneath said rails, of a dirigible headlight mechanism, said mechanism comprising vertically disposed lamp posts, said lamp posts being rotatably mounted in bearings of spaced brackets carried by the under sides of the rails and the outer sides of the rails, lamps carried by the upper ends of the posts, downwardly and rearwardly extending arms carried by the lower ends of the posts, balls carried by the ends of the downwardly and rearwardly extending arms and in the same vertical plane as the connecting rod, a clamp carried by the transversely disposed rod, an upwardly

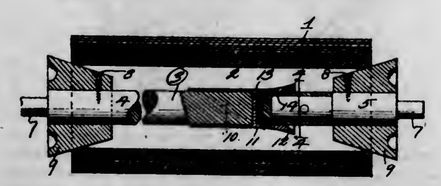
extending flange carried by said clamp, transversely disposed connecting rods pivoted to said flange in the same vertical plane as the connecting rod, the outer ends of said last named rods being provided with sockets for the reception of the balls carried by the downwardly and rearwardly extending arms and disposed below the lower ends of the posts, said flange, transversely disposed rod, connecting rods and balls being in the same vertical transverse plane.

1,570,189. ADJUSTABLE SHOVEL. JOHN SIMON STURM, Hayti, Mo. Filed Dec. 17, 1924. Serial No. 756,579. 1 Claim. (Cl. 294—51.)



An adjustable shovel comprising a handle member, said handle member at its lower end terminating in a U-shaped member pivoted to opposite sides of a blade, a rearwardly extending member carried by the blade below the U-shaped member and the arms thereof, a segment carried by the blade and disposed between the U-shaped member of the handle and having its rear end secured to the rearwardly extending member, internal recesses carried by the inner side of the segment, a toothed yoke surrounding the segment and through which the segment moves and cooperating with the recesses in the inner side of the segment, a rod slidably mounted on the handle member and connected to the yoke and spring means cooperating with said rod and forcing the same rearwardly and forming means for normally maintaining the toothed yoke in operative position.

1,570,190. PAPER-ROLL HOLDER. JAMES EDWARD WILLIAMS, Enterprise, Miss. Filed Oct. 8, 1924. Serial No. 742,393. 1 Claim. (Cl. 211—31.)



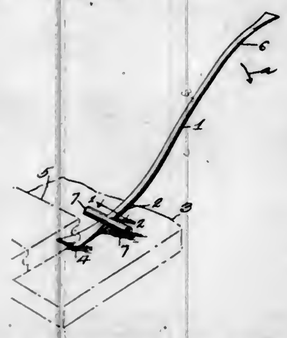
The combination with a paper roll spindle, said spindle comprising cones, axially alined shaft sections on which said cones are mounted, of a connection between the inner adjacent ends of said shaft sections, said connection comprising a flared internally threaded sleeve carried by one of said shaft sections, a partition within said sleeve spaced from its ends and engaging the end of one of the shaft sections, the inner end of the other shaft section being threaded and convexed.

1,570,191. RAILROAD-SWITCH CLEANER. THEODOR J. WYREMBEK, Oconomowoc, Wis. Filed Feb. 4, 1924. Serial No. 690,514. 2 Claims. (Cl. 37—36.)



1. A railroad switch cleaner, comprising a handle member having its major portion substantially straight and one end portion curved, a plate member secured to the curved end portion of the handle member, and said plate member having its outer end portion curved rearwardly to space its free edge from the medial portion thereof to form a scoop member.

1,570,192. WRECKING BAR. MICHAEL YOUNICK, Delano, Minn. Filed Nov. 2, 1922. Serial No. 598,523. 1 Claim. (Cl. 254—131.)

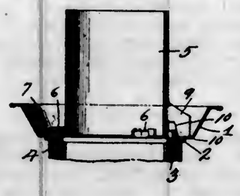


A wrecking bar comprising a handle member, one end of said handle member being curved, one end of the curved portion of the handle being flattened and wedge shaped and axially alined outwardly extending lugs in the plane of the curved portion of the handle member and intermediate the ends of the curved portion of the handle member.

1,570,193. PROCESS OF TREATING BITUMINOUS SUBSTANCES. GEORGE W. ACHESON, Caldwell, N. J. Filed Aug. 14, 1924. Serial No. 732,112. 8 Claims. (Cl. 196—24.)

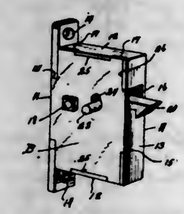
1. In a process of treating bituminous substances, the step comprising reacting thereon with a reflocculated solid adsorbent material.

1,570,194. WICK TRIMMER. SAMUEL T. ATKIN, Georgetown, Tex. Filed May 5, 1925. Serial No. 28,124. 3 Claims. (Cl. 67—68.)



1. A wick cleaner comprising a dished member adapted to rest on a burner around a wick, a cylindrical member extending into the dished member, integral horizontally and radially disposed scraper members carried by the cylindrical member and having their outer ends anchored to the dished member, said cylindrical member being provided with a vertically and radially disposed bevelled scraping member adapted to scrape the outer edge of the wick.

1,570,195. DOOR LATCH. GEORGE AUSDAL, Marshalltown, Iowa. Filed May 10, 1924. Serial No. 712,383. 1 Claim. (Cl. 292—136.)



A latch of the character described comprising a casing formed to provide a section having a face plate and side and end walls, the end and side walls being recessed on their edges and one of the side walls being extended beyond the end walls and being apertured for the passage of screws, the opposite side walls having an aperture for the passage of a latch, the other section comprising a plate adapted to rest against the side and end walls of the first section and being recessed complementarily to the recesses on the side and end walls, a single screw passing through said plate and through the opposite face plate and through the latch and acting to pivotally support the latch and hold the two sections of the casing together, and a pin extending through the latch and through the plates of the two sections, the plates having arcuate slots through which the pin passes.

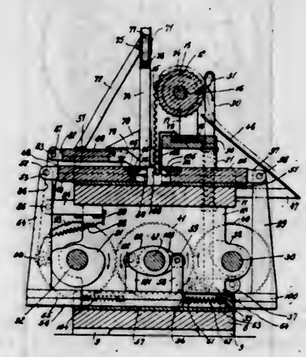
1,570,196. FOLDING GARMENT HANGER. LOUIS BARRON, Port Chester, N. Y. Filed Mar. 14, 1925. Serial No. 15,519. 8 Claims. (Cl. 211—13.)



1. A garment hanger composed of an inverted substantially T-shaped body including a stem and a cross bar, a plurality of sections at each end of the cross bar hinged thereto and to each other to fold upon the bar into abutment with the stem, and a pair of loops pivoted to the stem to support the hanger and of a length to engage about the upper ends of the folded sections to hold them to the stem, the stem longitudinally slotted, an extensible hat rack normally within the slot, and a ring engaged with the loops, movable over the slot and held in such a position by the loops when they are engaged with the folded sections.

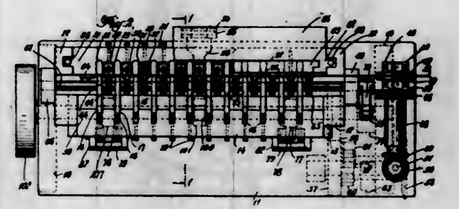
1,570,197. MACHINE FOR MAKING LINK MESH. RICHARD H. BERKLEY, Plainville, Mass., assignor to Whiting & Davis Company, a Corporation of Massachusetts. Filed July 13, 1923. Serial No. 651,271. 9 Claims. (Cl. 140—3.)

1. In a machine for making link mesh fabric, the combination of means for supporting the mesh and moving it as it is formed with a step by step movement, a free edge of the piece of mesh depending from the said supporting means, a plurality of staple magazines, link forming tools on one side of the depending edge of the piece of mesh normally engaging the end staples in the magazines, these tools being reciprocable toward and away from the piece of mesh to withdraw the end staples from the magazines, and to insert their ends through the



links at the free edge of the mesh, complementary link forming tools on the other side of the piece of mesh cooperating with the tools first mentioned to close the ends of the inserted staples to form links, and means operating in the periods of rest of the step by step movement of the piece of mesh for causing the tools to reciprocate toward and away from the piece of mesh to perform their functions.

1,570,198. MACHINE FOR MAKING STAPLES FOR MESH FABRIC. RICHARD H. BERKLEY, Plainville, Mass., assignor to Whiting & Davis Company, a Corporation of Massachusetts. Filed July 13, 1923. Serial No. 651,273. 17 Claims. (Cl. 59—75.)

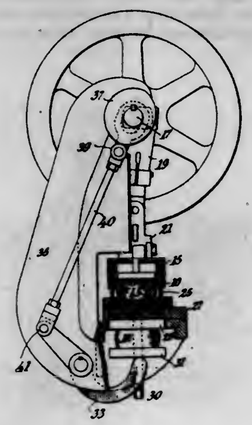


2. A machine for making staples for use in the production of link mesh fabric, comprising means for intermittently feeding wire, a plurality of knives for cutting the wire fed into staple lengths, a co-acting plunger and die operable to form each severed length into a staple and means for ejecting the staple from the forming means.

1,570,199. DRAWING PRESS. OTTO S. BEYER, Brooklyn, N. Y., assignor to E. W. Bliss Company, Brooklyn, N. Y., a Corporation of West Virginia. Filed Apr. 17, 1923. Serial No. 632,747. 6 Claims. (Cl. 113—46.)

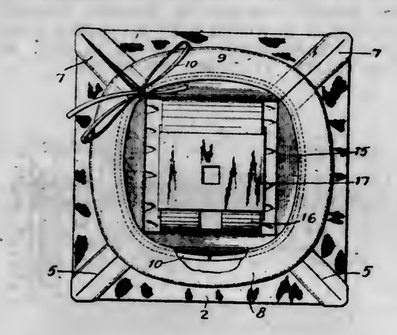
1. A drawing press comprising a revolving crankshaft, a reciprocatory drawing tool driven therefrom, a

stationary die having a blank-holding ring, a resilient cushion for said ring, and means for varying the re-



silient stress thereof as the reciprocating tool descends, said means comprising a rotary cam connected to the crank-shaft and connections from said cam to said cushion.

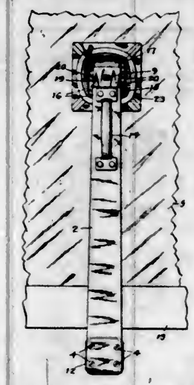
1,570,200. PAD FOR WINDOW-WASHING APPARATUS. JOHN C. G. BONNEY, Brooklyn, N. Y. Filed June 25, 1923. Serial No. 647,487. 3 Claims. (Cl. 15—232.)



1. A pad for window washers formed of a sheet of material provided with a pocket at one side and an angular flap at the opposite side, both the pocket and flap having a tubular binding adapted to carry a drawstring, and a string passed through said bindings for drawing and flap and pocket together.

1,570,201. WINDOW-WASHING APPARATUS. JOHN C. G. BONNEY, Brooklyn, N. Y. Filed June 25, 1923. Serial No. 647,488. 7 Claims. (Cl. 15—220.)

1. A window cleaning device comprising a pair of arms the free end of each of which is tapered; a pad-block mounted on each arm, each block having a member carrying a bridge tapered from end-to-end to correspond with the end of the arm, and each member, under the bridge, having a convexed surface cooperative with an arm, whereby the pad-blocks are prevented from having lateral movement but may have rocking movement on the arm to exert equal pressure over the faces of the blocks on both sides of the window-pane.



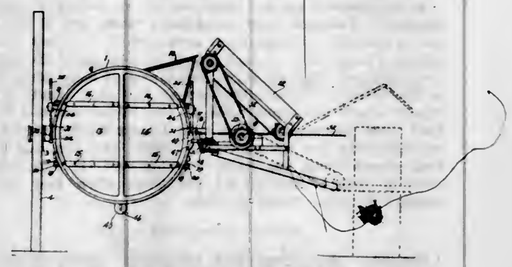
1,570,202. VITREOUS COMPOSITION AND ARTICLES MADE THEREFROM. EUGENE CHARLES BUCK, New York, N. Y. Filed Feb. 26, 1924. Serial No. 695,141. 15 Claims. (Cl. 106—36.1.)

1. An improved vitreous composition comprising a fused complex metaphosphate of aluminum and an alkali earth metal substantially free from silica.

1,570,203. PROCESS OF ETHYLATING AMINES. ARTHUR R. CADE, Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation, a Corporation of New York. Filed July 17, 1923. Serial No. 652,191. 6 Claims. (Cl. 260—128.)

1. Process of ethylating amines which comprises treating the amine to be ethylated with an ethyl sulphate under ethylating conditions and in the presence of an alkaline compound of an alkaline-earth metal.

1,570,204. SHOCKING MACHINE. LEWIS JAMES CLEMENT, Dauphin, Manitoba, Canada. Filed Oct. 11, 1922. Serial No. 593,822. 10 Claims. (Cl. 56—422.)



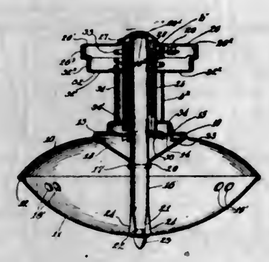
1. In a shocking machine, the combination with a normally horizontally disposed and pivoted sheaf receiving and shock forming basket and a pair of pivoted gates normally closing one end of the basket, of operating lever arms extending from the gates, a bar slidably attached to each side of the basket, links connecting the lever arms to the bars, said bar being slidable towards and away from the gate end of the basket, pairs of links pivotally connecting the sliding bars to the side of the basket, the links of the pairs being connected one to the other by a knuckle joint, the said knuckle joints normally locking the gates closed, and gravity operated means carried by the sides of the basket and engageable with the knuckle joints and adapted to break the joints and release the gates in the dumping of the basket.

10. The combination with a pivotally mounted normally horizontally disposed sheaf receiving and shock forming basket, of an inclined rod passing lengthwise of the basket and attached to the underside thereof and a weight slidably mounted on the rod and normally located at the forward end thereof.

1,570,205. METHOD OF RECOVERING OIL FROM OIL-BEARING SANDS. DAVID C. COLLIER, Santa Fe, N. Mex. Filed Apr. 8, 1921. Serial No. 459,762. 1 Claim. (Cl. 196—14.)

The method of separating oil from oil-bearing sands and the like which consists in mixing such material with water and subdivided carbonaceous material, and then subjecting the mixture to agitation, whereby the oil and carbonaceous material are agglomerated, and float on the water while the sand settles out.

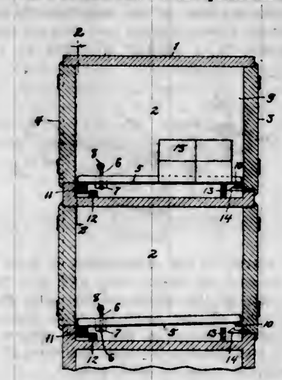
1,570,206. SPINNING TOP. STANLEY L. CONNELL, Girard, Pa., assignor to The Girard Model Works, Inc., Girard, Pa., a Corporation of Pennsylvania. Filed Jan. 5, 1924. Serial No. 684,541. 17 Claims. (Cl. 46—32.)



1. The combination with a spinning top having an upwardly projecting stem, of a top-spinning device comprising a body section for receiving said stem, a spring element carried by said body section and having means for engaging the spinning top, a locking element surrounding and movably carried by the body section arranged to engage the said spinning top for locking the said body section thereon with the spring element energized, and means for moving the locking element relatively to the said body section and in disengagement from the spinning top whereby the spinning top may be released from the energized top-spinning device without any relative axial motion between the said top stem and the top-spinning body section.

1,570,207. SERVICE CABINET. GEORGE R. CRAW, Fort Wayne, Ind. Filed Sept. 17, 1923. Serial No. 663,068. 2 Claims. (Cl. 232—1.)

1. In a service cabinet for the reception of goods, a repository having a chamber therein; a delivery door for the repository; a receiving door for said repository independent of the delivery door; a swing positioned in the chamber; a platform supported on the swing and having longitudinal and tilting movement; a weight at one end of the platform for overbalancing the opposite end thereof; a stop operable to limit the longitudinal movement of the platform; a rest for limiting the downward movement of the end of the platform opposite the



weight; and means on the delivery door and the adjacent end of the platform operable to lock the delivery door when the platform is tilted by the weight of goods placed thereon.

1,570,208. SHIRT. JOHN H. CRONIN, Louisville, Ky., assignor to The Enro Shirt Company, Louisville, Ky., a Corporation of Kentucky. Filed Sept. 4, 1924. Serial No. 735,810. 2 Claims. (Cl. 2—128.)



1. In a shirt of the class described, a multiply closing flap, the outer ply an integral portion of the shirt front, presenting a smooth uninterrupted continuation thereof, said ply having an inturned portion carrying the inner plies, forming the free edge of the closing flap, and lapping upon the rear of the remaining plies and secured thereto by stitching between the shirt front and the inturned portion.

1,570,209. PROCESS FOR SEPARATING THE PHASES OF EMULSIONS, PARTICULARLY OF PETROLEUM, BY MEANS OF AN ELECTRIC CURRENT. JAN HEINRICH CHRISTOPH DE BREY, The Hague, Netherlands, assignor to Naamlooze Vennootschap Batafsche Petroleum Maatschappij, The Hague, Netherlands. Filed Apr. 11, 1924. Serial No. 705,958. 3 Claims. (Cl. 204—24.)



1. A process for separating the phases of emulsions, and more particularly of petroleum emulsions, comprising, applying to the emulsion to be treated a pulsating alternating current having a peak voltage which is a multiple of the effective voltage.

1,570,210. STABILIZING DEVICE FOR AUTOMOBILE UNDERFRAMES. ARTHUR DE CONINCK, Brussels, Belgium. Filed Dec. 3, 1924. Serial No. 753,711. 1 Claim. (Cl. 267—66.)

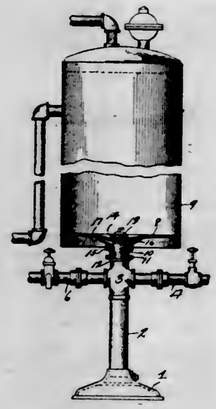
A stabilizing device assuring the stabilization of the underframe with respect to the axle in automobile vehicles and the like, which device comprises in combina-

tion: two horizontal pivots symmetrically provided on both sides of the middle of the axle member, a lever with two opposite arms pivoted intermediate its ends to a support secured to one of the longitudinal bearers of the under frame, a lever having two parallel arms which lever is pivoted to a support attached to the other



longitudinal bearer of the underframe, a pivot provided to the end of each of these arms, two rods connecting respectively one of the pivots of the axle member to the pivot of one of the arms of each lever, a third rod connecting the pivots of the other arm of the two levers and an articulation between the ends of each rod and the pivots connected by said rods.

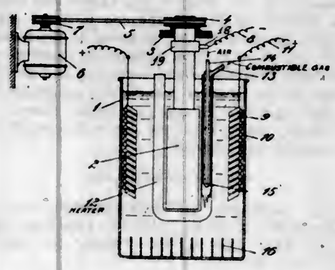
1,570,211. BOILER STAND. LAWRENCE DOERR, Silverton, Oreg. Filed Mar. 16, 1925. Serial No. 15,826. 1 Claim. (Cl. 126—363.)



The combination with a boiler stand, a boiler supported by said stand, of a connection between said stand and the bottom of the boiler, said connection comprising a vertically disposed fitting carried by the stand, a cylindrical portion carried by said fitting and threaded in the bottom of the boiler, a bushing loosely mounted on the cylindrical portion and rotatable thereon, the lower end of said bushing engaging an annular flange, a concaved member engaging the bottom of the boiler, said bushing being threaded into the concaved member and forming means whereby upon rotation of the bushing the concaved member will be forced upwardly into engagement with the boiler without axial movement of the bushing.

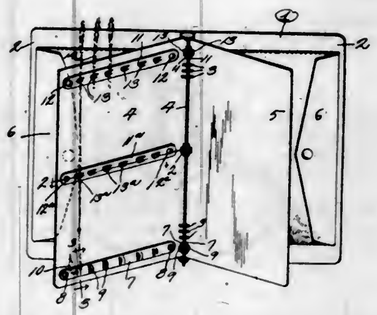
1,570,212. APPARATUS FOR THE PRODUCTION OF ELECTROLYTIC IRON. EMIL DUHME, Berlin-Charlottenburg, Germany, assignor to Siemens & Halske, Aktiengesellshaft, Siemensstadt, near Berlin, Germany, a Corporation of Germany. Filed June 17, 1924. Serial No. 720,609. 11 Claims. (Cl. 204—5.)

1. In an apparatus for producing electrolytic iron, the combination of a vessel containing the electrolyte, a cathode, an iron anode having a carbon content sufficient to leave a coherent graphite skeleton after the



anode iron has been electrolytically consumed, and means for supplying current to both electrodes.

1,570,213. FISHHOOK BOOK. SAMUEL FOCHT, Watertown, N. Y. Filed Dec. 4, 1924. Serial No. 753,837. 1 Claim. (Cl. 43—32.)

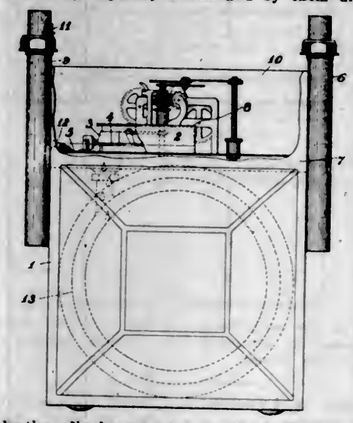


A fish hook book comprising a cover, a plurality of separable rings within said cover, a plurality of relatively stiff leaves carried by said rings, said leaves on opposite sides thereof having secured thereto adjacent one of the ends of the leaves registering metallic strips, struck out eyes carried by said strips for the reception of fish hook shanks and spaced between the sides of the strips, registering metallic strips adjacent the other end of the leaves and secured to opposite sides of the leaves, struck out spring fingers carried by said strips and spaced between the sides of the strips and adapted to receive and grip snells, metallic strips intermediate the first mentioned strips and struck out spring fingers carried by said last named metallic strips between their sides and adapted to grip snells intermediate their ends.

1,570,214. GAS METER. THOMAS FOX, Liverpool, England. Filed Nov. 2, 1921. Serial No. 512,293. 2 Claims. (Cl. 73—1.)

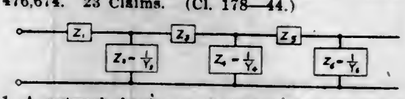
1. The method of protecting exposed parts of a dry type gas meter against the action of the gas, which consists in providing a shallow bath of protective liquid

around the valves, at a level below that of the valve seating, so that the liquid is delivered in small quantities to the valves by capillary action and by them directed



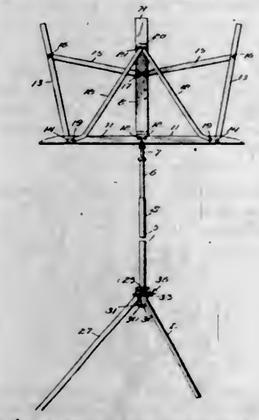
to the leather diaphragm as a result of the movement of said valves the oil also creeping over the surface of the valve chamber.

1,570,215. ELECTRICAL NETWORK. THORNTON C. FRY, Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 11, 1921. Serial No. 476,674. 23 Claims. (Cl. 178—44.)



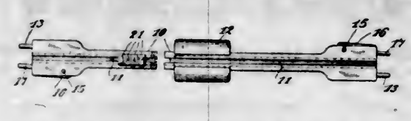
1. A network having a desired impedance characteristic comprising a plurality of sections, each having an impedance which varies from section to section in accordance with the terms of a continued fraction so that each section when taken in connection with the preceding sections more closely approximates the desired impedance.

1,570,216. MUSIC STAND. JOHN E. GARRETT and GEORGE M. ROGERS, Hamilton, Ohio. Filed Apr. 7, 1925. Serial No. 21,374. 2 Claims. (Cl. 45—121.)



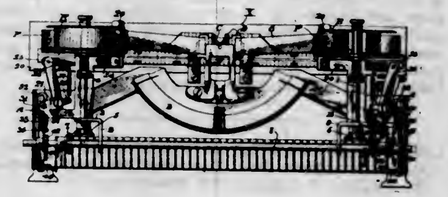
2. A rack for a music stand including a central strip, a pair of angle strips pivoted at their inner ends to the bottom end of the center strip, an eye member mounted on the center strip, a pair of braces pivoted to the angle strip and extending through the eye member, the free ends of said braces being provided with hooked terminals, rods pivoted to the angle strips, and links pivoted to the rods and to the center strip.

1,570,217. FORK FOR COMPOSING AND DISTRIBUTING TYPE. CHARLES FREDERICK GREEN, Romford, England, assignor to A. B. Dick Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 5, 1925. Serial No. 66,903. 5 Claims. (Cl. 276—37.)



1. A fork or stick for composing and distributing type of the character specified, said stick having a central groove to receive the type and prongs at each end, one of the prongs at each end being pivoted to the fork in such a manner that a slight lateral movement is permitted to the prong during the stages of composing or distributing.

1,570,218. AUTOMATIC RIBBON REVERSE. GEORGE F. HANDLEY, Glendale, N. Y., assignor to Royal Typewriter Company, Inc., New York, N. Y., a Corporation of New York. Filed Oct. 29, 1924. Serial No. 746,577. 24 Claims. (Cl. 197—165.)



1. Ribbon reversing mechanism comprising a ribbon spool shaft, a driving shaft mounted for longitudinal movement to be connected to or disconnected from the ribbon spool shaft, normally disengaged devices for giving the driving shaft said longitudinal movement, and ribbon operated means for engaging said devices, said means including constant but yielding connections which permit the travel of the ribbon after the engagement of said devices.

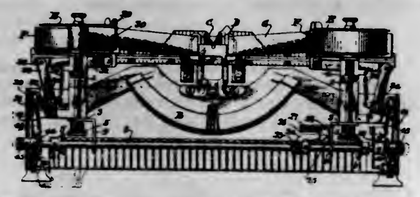
1,570,219. COLOR-BLENDING PAVEMENT-CRACK FILLER. HERMAN C. HELMLE, Springfield, Ill., assignor of one-half to Wesley C. Pruitt, Springfield, Ill. Filed Aug. 2, 1923. Serial No. 655,329. 2 Claims. (Cl. 106—23.)

1. A color blending water proof composition for filling pavement cracks, comprising approximately one-half to —3— lbs. of crude rubber, —25— to —30— lbs. of rosin, —1— to —4— lbs. of 37 to 40° Bé. distillate oil, 0.05 to 0.5 lbs. titanium dioxide, 0.1 to 1.0 lbs. of barium sulphate and enough lamp black to tint to the desired shade of gray.

1,570,220. RIBBON-FEEDING MECHANISM FOR TYPEWRITING MACHINES. EDWARD B. HESS, New York, and LEWIS C. MYERS, Freeport, N. Y., assignors to Royal Typewriter Company, Inc., New York, N. Y., a Corporation of New York. Filed Apr. 30, 1925. Serial No. 26,878. 8 Claims. (Cl. 197—151.)

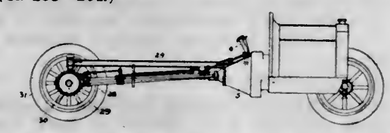
1. Ribbon feeding mechanism for typewriting machines having a guide comb for the key levers, said mechanism

comprising a driving shaft, a ratchet wheel thereon, a universal bar frame having an upstanding arm and actuated by the rear ends of the key levers, a pawl



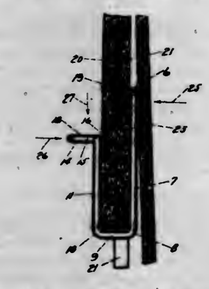
pivoted to said arm and engaging the ratchet wheel near the top thereof, and a guide slot in said comb for the pawl.

1,570,221. BRAKE EQUALIZING ATTACHMENT FOR AUTOMOBILES. FRANK J. ANDEL, Cleveland, Ohio. Filed Jan. 19, 1925. Serial No. 3,317. 8 Claims. (Cl. 188—204.)



1. In an automobile having rear wheel brakes and a drive shaft housing and radius rods, a brake equalizing attachment comprising a bracket adapted to be clamped to said housing, an equalizing lever movably mounted upon said bracket, a pedal connection for said lever, auxiliary levers affixed to said radius rods, operating connections extending between said equalizing lever and auxiliary levers, and additional operating connections extending from said auxiliary levers to said brakes.

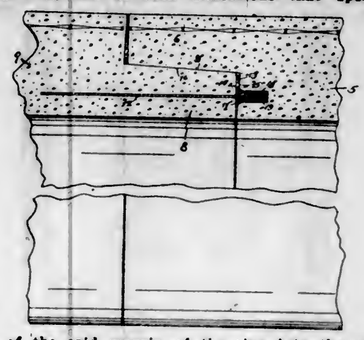
1,570,222. STORM-TYPE SHINGLE CLAMP. JOSEPH C. BARLEY, York, Pa. Filed Oct. 20, 1925. Serial No. 63,700. 5 Claims. (Cl. 108—33.)



3. A shingle clamp comprising resilient front and rear prongs, said prongs being suitably arranged to embed in the shingle material through the inherent resiliency of said prongs.

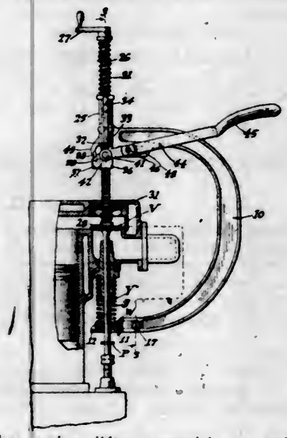
1,570,223. PIPE JOINT. GEORGE CORRIE BARTRAM, Freeport, N. Y., assignor to George C. Bartram, Inc., Buffalo, N. Y., a Corporation of New York. Filed Sept. 20, 1922. Serial No. 589,351. 10 Claims. (Cl. 72—53.)

1. A joint between concrete pipe sections, comprising a sealing ring embedded in one of said sections and having a crimped margin projecting beyond an end face thereof, an annular pocket formed in the opposed end of the other pipe section and adapted to receive the projecting margin of said sealing ring, in combination with packing means comprising tubular gasket elements seated in the annular channels of the projecting margin of the sealing ring, and of such dimensions that upon the



entry of the said margin of the ring into the pocket, the gasket is deformed into packing relation with a wall of the pocket.

1,570,224. VALVE-SPRING LIFTER. LOUIS H. BAYLER, Los Angeles, Calif. Filed Jan. 23, 1925. Serial No. 4,225. 7 Claims. (Cl. 29—86.3.)



1. A valve spring lifter comprising a yoke, means carried by said yoke adapted to engage and life a valve spring, a sleeve carried by said yoke, a threaded spindle slidable in said sleeve, a spring actuated pawl engageable upon said spindle for preventing upward movement of said spindle with respect to said yoke, means for rotating said spindle, and means for disengaging said pawl from said spindle.

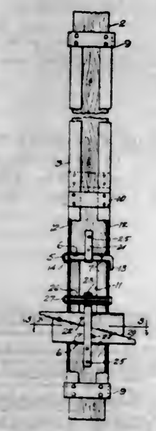
1,570,225. ALL-AROUND HALTER. EDWARD S. BECKWITH, Albion, Nebr. Filed July 18, 1925. Serial No. 44,614. 6 Claims. (Cl. 54—24.)



4. A halter including a throat latch having a ring loosely secured thereto at the throat portion thereof, a crown piece parallel and contiguous to the crown

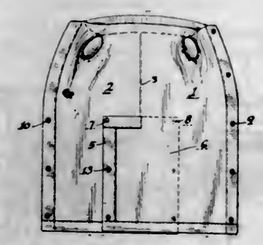
portion of said throat latch, cheek pieces integral with said crown piece, said crown piece and cheek pieces having means for slidably adjusting them with relation to said throat latch, a nose piece integral with said cheek pieces, means for slidably adjusting said nose piece with relation to said cheek pieces, a clamp for securing said nose and cheek pieces in adjusted relation, and a tie rope integral with one of said cheek pieces and passing through said ring.

1,570,226. ADJUSTABLE SHORE. GEORGE B. BOSCO, Chicago, Ill. Filed Jan. 30, 1924. Serial No. 689,419. 1 Claim. (Cl. 248—2.)



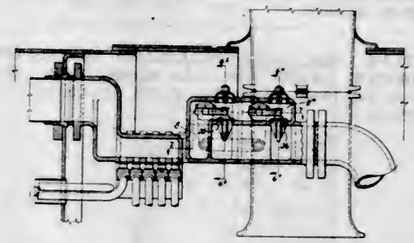
An adjustable shore comprising a hollow upright frame having an opening extending transversely therethrough, a pin extending transversely through said frame above said opening, a post telescopically arranged in the lower end of said frame and having its upper end located adjacent said opening, a substantially U-shaped strap mounted on said post and extending around said pin for securing said post against withdrawal from said frame, a pair of coacting wedges extending into said opening from opposite sides of said frame and arranged to coact with said frame and post for expanding the shore, and shoulders on said wedges arranged to coact with said frame to secure said wedges against withdrawal from said frame.

1,570,227. TRANSFORMABLE COVER COAT AND TROUSERS. LAWRENCE M. BRAINIE, Fellows, Calif. Filed May 21, 1924. Serial No. 714,819. 1 Claim. (Cl. 2—86.)



A transformable cover coat and trousers comprising a cover coat construction formed of two principal body pieces which are connected together at the center of the back from a point below the waistline up and which are separated from the mentioned point down to the bottom, said body pieces having flaps extending a considerable distance across the center line of the back, the upper edges of the flaps being free or unsecured, fastening means for fastening the side edge of each flap to the opposite body piece in forming a cover coat, and fastening means arranged along the forward edge of each body piece so that the flap associated with it may be detached from the opposed body piece and secured to the forward edge of the body piece with which it is associated to form a pair of trouser legs.

1,570,228. LOCOMOTIVE. RAY M. BROWN, Yonkers, N. Y. Filed July 11, 1923. Serial No. 650,850. 10 Claims. (Cl. 122—462.)



1. In apparatus of the class described, the combination of a superheater comprising an elongated chamber having a series of ports along its length through which superheated steam is delivered to the chamber, and having an outlet through which the steam is conveyed to the point of use; partitioning means separating the inlet ports from the outlet and provided with a series of relatively small openings distributed opposite said steam delivery ports; and a corresponding series of valves each controlling one of said openings.

1,570,229. METHOD OF MAKING MAGNETIC ALLOYS. VERE B. BROWNE, Brackenridge, Pa. Filed Mar. 19, 1925. Serial No. 16,838. 7 Claims. (Cl. 75—45.)

1. The method of making silicon iron having a silicon content sufficient to adapt it for use as a magnetic alloy and a carbon content of not over .03%, which consists in refining iron, in reducing the carbon in the refined iron by making additions of iron ore to the bath until no further reduction of carbon is obtained by such additions, then in causing air or other oxidizing gas to permeate the bath until substantially all of the remaining carbon is removed, then in removing metal from the bath and making the necessary silicon additions to the removed metal.

1,570,230. LAMP SHADE. ALBERT W. CHAMBERS, Sr., Hillside, N. J. Filed May 21, 1925. Serial No. 31,943. 2 Claims. (Cl. 240—108.)



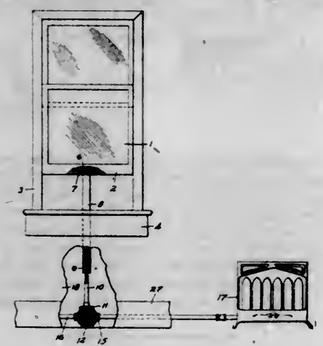
1. A lamp shade consisting of a frame having a circumferential upper member and a covering formed with stiff pleats having a series of circumferential notches engaging the upper member of the frame.

1,570,231. PADDING FOR IRONING ROLLS. AMMIEL F. DECKER, Pelham, N. Y. Filed Dec. 28, 1922. Serial No. 609,543. 4 Claims. (Cl. 68—9.)



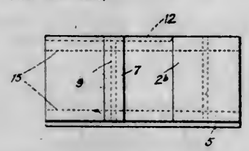
2. Padding for ironing rolls, comprising rows of relatively small blocks arranged side by side; and a metallic backing sheet on which said rows are mounted, and to which they are secured, said sheet conforming to the curvature of the ironing roll and adapted to completely encircle the same.

1,570,232. GAS-VALVE-CONTROLLED VENTILATING DEVICE. HARRY DYER, Los Angeles, Calif. Filed Feb. 28, 1925. Serial No. 12,348. 2 Claims. (Cl. 98—27.)



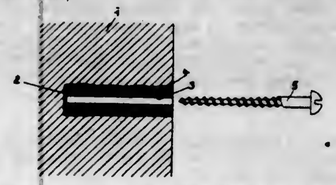
1. In combination with a window and a gas supply, a valve having a rotatable stem adapted to control the gas supply, a gear on said stem, a screw shaft and a second gear mounted on the shaft adapted to mesh with the first gear, a hollow threaded sleeve on the window adapted to engage the screw shaft, being adapted to raise the window when the valve stem is turned in one direction and to close the window when the valve stem is turned in the other direction.

1,570,233. REENFORCED-CONCRETE HOLLOW-TILE BUILDING BLOCK. JOSEPH FEIGENBAUM, Los Angeles, Calif. Filed Dec. 22, 1922. Serial No. 608,500. 6 Claims. (Cl. 72—40.)



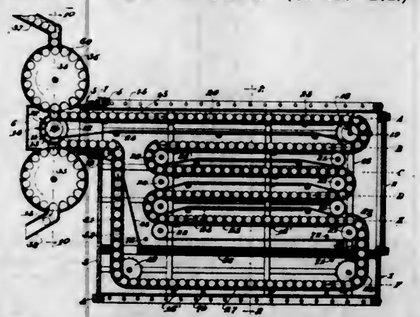
1. A monolithic, cement, facing block for hollow wall construction, said block having a facing panel from the back of which extend two spacing webs which are disposed inwardly from the ends of the block a distance of about one-quarter of the length of the block, so that when the blocks are superposed to form a wall with the joints formed between the contiguous side edges of the facing panels of one course spaced with respect to those of the next upper and lower courses, said webs will vertically register with the webs of the upper and lower courses, and reenforcing wires imbedded in said facing panel and extending into said webs.

1,570,234. PLUG OR SOCKET FOR MASONRY. ADELBERT BELA FELDMAR, Berlin-Schoneberg, Germany. Filed Jan. 23, 1925. Serial No. 4,336. 6 Claims. (Cl. 72—105.)



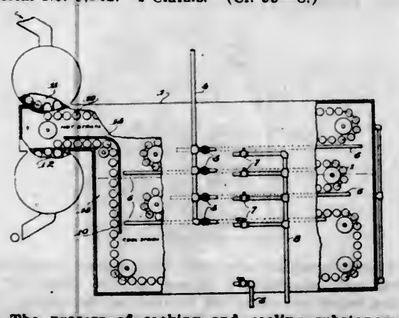
1. A plug, comprising, an outer sleeve, an inner sleeve received in the outer sleeve, the outer sleeve being composed of a resilient expansible fibrous material, the inner sleeve being continuous throughout and composed of a firm, impressible material.

1,570,235. APPARATUS FOR HEAT-TREATING SUBSTANCES PACKED IN SEALED RECEPTACLES. NELSON H. FOOKS, Preston, Md. Filed Dec. 8, 1924. Serial No. 754,603. 18 Claims. (Cl. 126—272.)



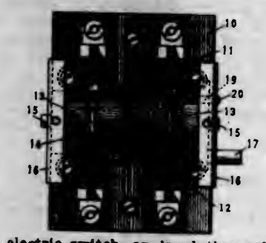
1. The combination of a tank, an endless conveyer arranged therein for progressing cans therethrough along a circuitous path part of which includes horizontal levels, means for supporting the cans while they are being progressed along said levels, means for moving said last named means whereby the cans may be progressed by said conveyer with or without rotary motion about their axes, and means for feeding cans to and discharging them from the conveyer.

1,570,236. PROCESS OF COOKING AND COOLING. NELSON H. FOOKS, Preston, Md. Filed Feb. 12, 1925. Serial No. 8,842. 4 Claims. (Cl. 99—8.)



1. The process of cooking and cooling substances in sealed receptacles which consists in passing the receptacles through a fluid, said fluid having an upper heated strata and a lower relatively cooler strata, said receptacles being advanced from the heated strata into the cooler strata.

1,570,237. ELECTRIC SWITCH. BENJAMIN E. GETCHELL, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a Corporation of Connecticut. Filed Sept. 9, 1922. Serial No. 587,051. 3 Claims. (Cl. 200—15.)



2. In an electric switch, an insulating cylinder having a transverse passage, a contact blade loosely mounted in said passage and having a projection serving as a stop to limit the endwise movement of the blade in one direction, and means outside of said cylinder for limiting the endwise movement of the blade in the opposite direction.

1,570,238. PASTE TUBE. JOSEPH R. GIBSON, Chicago, Ill. Filed Nov. 1, 1924. Serial No. 747,211. 3 Claims. (Cl. 221—60.)



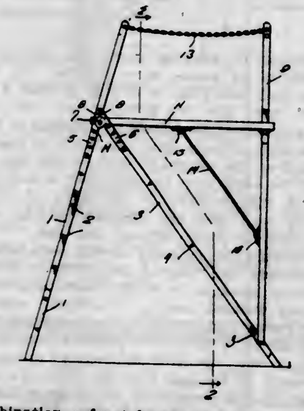
1. A tube of the character described having an extension with an opening in the side thereof, and a valve rotatably mounted in the extension, said valve including a cylindrical portion closed at each end, said cylindrical portion having openings therein, said openings being confined within the extension and out of registration with the opening of the extension when the valve is in one position and one of said openings being in registration with the opening in the extension and the other opening in communication with the tube, when the valve is in another position.

1,570,239. DRILLING MACHINE. GEORGE H. GILMAN, Boston, Mass. Filed Sept. 4, 1920. Serial No. 408,282. 10 Claims. (Cl. 121—29.)



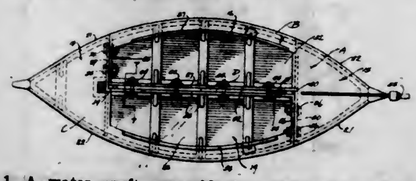
1. A percussive tool having in combination, a cylinder, a hammer piston for actuating a work performing tool carried at the forward end of said cylinder, a valve cage closing the rearward end of said cylinder, a handle member having a socket receiving the end of said cylinder and clamping said valve cage to said cylinder, said valve cage having transverse sections with opposed peripheral annular faces in fluid tight contact, a chamber formed in said cage and surrounded by said annular faces, a passage leading from said handle member to said chamber, a vibratory reed removably clamped between said sections and extending transversely into said chamber, said reed at one end thereof having a projection entering a recess in one of said sections for positioning said reed and for preventing slippage thereof, and passages leading from said cylinder and entering said chamber through ports at opposite sides of the free end of said reed whereby said reed may control said ports.

1,570,240. LADDER. BASSO GIUSTINO, Baltimore, Md. Filed Mar. 23, 1925. Serial No. 17,647. 1 Claim. (Cl. 228—17.)



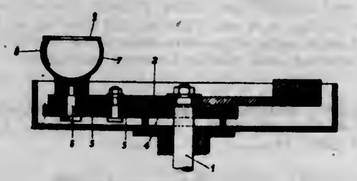
In combination, a front frame, a prop frame, a rung for hinging the prop frame at its upper end to an intermediate portion of the front frame, means for limiting the swinging movement between the two frames, a rear frame having its lower end detachably engaged on a lower intermediate portion of the prop frame, a platform detachably engaged with the rear frame and restable on the rung, a brace pivotally mounted on an intermediate portion of the platform and detachably engaged with the rear frame, sockets carried by the rear frame, said brace including an intermediate portion pivoted to the platform, and side portions curved eccentrically so that their intermediate portions meet, and their ends extend in opposite directions in substantial alignment with each other for engagement with the sockets, whereby in order to engage the ends with the sockets it is necessary to distort the intermediate portions of the side portions in order that they may pass by each other.

1,570,241. SECTIONAL WATER CRAFT. JAMES GLEAVE, Galveston, Tex. Filed Jan. 29, 1925. Serial No. 5,558. 11 Claims. (Cl. 9—2.)



1. A water craft separable into sections along a division line extending only partly longitudinally at substantially the central line and partly transversely of the craft, said sections having bulk heads extending along said division line for each of said sections to provide independent compartments for the sections.

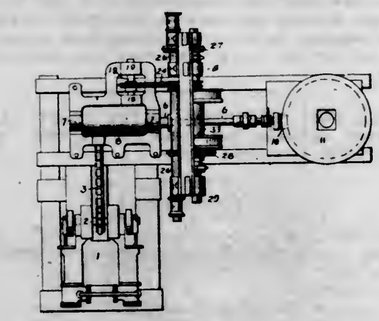
1,570,242. METHOD OF AND MEANS FOR WORKING CURVED SURFACES. PAUL GOERZ, Grunewald, near Berlin, and ERNST JACOBI, Friedenau, near Berlin, Germany, assignors to the Firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Filed Oct. 4, 1923. Serial No. 666,439. 6 Claims. (Cl. 51—7.)



1. A method of working lenses and like spherically curved articles by means of a grinding cup having a peripheral wall consisting in loosely putting a blank to be worked upon into the grinding cup and subjecting said cup with the blank loosely put therein to rotational motion of such velocity that the blank is centrifugally pressed against the peripheral wall of the cup, the wall having at the same time an advancing motion communicated to it with relation to the point of intersection of the cup wall and the direction of the centrifugal force pressing the blank against said wall.

4. A grinding or polishing device comprising a cup shaped grinding tool adapted to receive in its cavity a work piece or blank to be worked upon, said cup having a peripheral working surface of circular cross section, a carrier for said grinding cup mounted for rotational movement so as to guide the grinding cup along a recurrent path, the cup being so mounted on said carrier and otherwise so engaged that the axis of the working surface of the cup remains at all times at right angles to the rotational plane of the carrier and that the working surface of the cup at the point of intersection with the direction of centrifugal force produced by the rotational movement experiences displacement laterally to said direction of centrifugal force.

1,570,243. SHAFT-DRIVE DRAW WORKS AND ROTARY DRILLING MACHINE. EDWARD W. GOESER and WILLIAM D. DAVIDSON, Los Angeles, Calif., assignors to The National Supply Company, Toledo, Ohio, a Corporation of Ohio. Filed Mar. 8, 1921. Serial No. 450,676. Renewed Mar. 3, 1922. Serial No. 540,915. 4 Claims. (Cl. 255—19.)



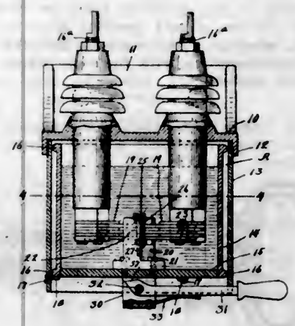
1. In combination, a rotary drill table, a drive-shaft geared to the same, a draw works having a line-shaft, a drum shaft adapted to be driven by the line-shaft, a prime mover, and clutch-means for placing the prime mover in driving connection with either the drive-shaft or the line-shaft.

1,570,244. INDICATOR AND SAFETY COUPLING FOR ROTARY DRILLS. GARY ALLEN GOLDSMITH, Long Beach, Calif. Filed Feb. 4, 1924. Serial No. 690,508. 2 Claims. (Cl. 255—28.)



1. A drill stem comprising an upper assembly of couplings including a valve construction and a lower assembly of couplings having a lifting head with limited upward movement, a string of drill stem sections connecting the assemblies and a lifting rod connecting the valve to the lifting head through the string of drill stems and normally holding the valve open so that if the string of drill stems breaks between the assemblies and the upper part is raised slightly the valve will close and if the drill stem is removed from the well the broken off part will be raised by the lifting rod.

1,570,245. ELECTRIC SWITCH. AUSTIN EDWIN GREENE, Medford Hillside, Mass., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed Sept. 1, 1922. Serial No. 585,669. 19 Claims. (Cl. 200—150.)

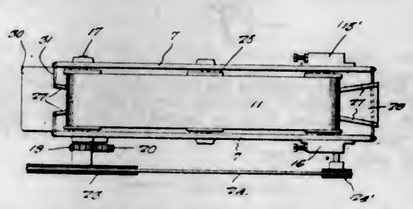


7. An electric switch comprising a switch frame, an oil receptacle enclosed therein and rotatably supported thereby, and stationary and movable switch members contained in said oil receptacle and operated by movements thereof.

1,570,246. PROCESS OF MAKING METAL ARTICLES. OWEN E. HACKER, Dayton, Ohio, assignor of one-third to Robert H. Angell and one-third to Benjamin F. Duer, both of Dayton, Ohio. Filed Mar. 8, 1921. Serial No. 450,706. 2 Claims. (Cl. 41—24.)

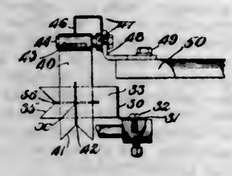
1. The herein described process of producing embossed metallic ornamental plates, comprising photographing the design to be reproduced, transferring the photographic production to a metallic plate without stripping and without reversal whereby the transferred design will be a positive of the design, etching the plate to produce the design in bas-relief, taking an impression therefrom, rendering the impression electro-conductive, employing the impression as the cathode in an electroplating bath to effect the deposit of metal within such impression and separating the deposited metallic body and impression material to expose the face of the deposited article.

1,570,247. CONFECTIONERY MACHINE. IRVIN J. HANDLEN, Green Bay, Wis. Filed Jan. 11, 1924. Serial No. 685,680. 1 Claim. (Cl. 107—9.)



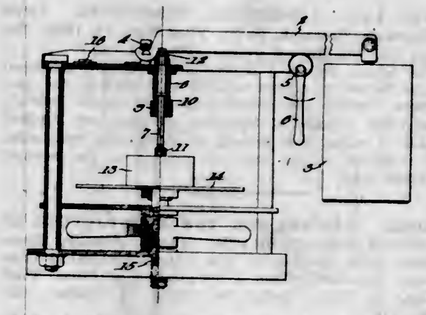
A candy rolling machine including a frame, a pair of belts trained longitudinally in the frame in parallel spaced relation and on an incline, means for moving the belts, and a guide structure disposed between adjacent runs of the belts and comprising a pair of parallel side bars disposed in parallelism with the runs of the belts, the upper ends of said guide bars being flared outwardly from each other, and a plate formed integrally with the under edges of said upper ends, said lower ends being flared outwardly from each other and bracket arms extending inwardly from the frame and attached to said lower ends.

1,570,248. CLEARER AND SLUB CATCHER FOR TEXTILE MACHINES. WALTER M. HASTINGS, Methuen, Mass. Filed Sept. 29, 1922. Serial No. 591,301. 12 Claims. (Cl. 28—64.)



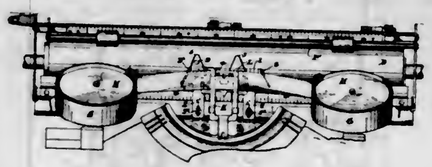
1. A filament clearer and slub catcher having blades with slots therein, and means supporting the blades normally out of contact with each other and with the slots in crossing relation, the blades being adapted to contact with each other.

1,570,249. HARDNESS-TESTING MACHINE. EUGEN HENKEL, Frankfort-on-the-Main, Germany, assignor to Metallbank und Metallurgische Gesellschaft, Aktiengesellschaft, Frankfort-on-the-Main, Germany, a Corporation of Germany. Filed Jan. 17, 1923. Serial No. 613,301. 4 Claims. (Cl. 265—12.)



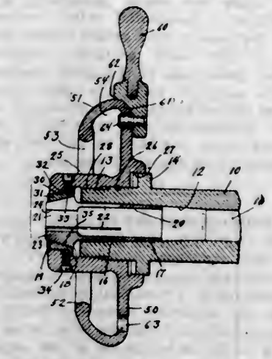
1. In a hardness-testing machine, a die, means for guiding said die, a weight-operated lever, and a ball on the upper end of said die for engaging said lever.

1,570,250. TYPEWRITING MACHINE. EDWARD B. HESS, New York, N. Y., assignor to Royal Typewriter Company, Inc., New York, N. Y., a Corporation of New York. Filed June 11, 1925. Serial No. 36,370. 10 Claims. (Cl. 197—135.)



1. A card guide comprising a scale member having a central opening to permit the passage of the type bars to the printing point, an integral rigid finger immediately adjacent the type opening, and a movable finger at the extreme end of the scale.

1,570,251. COLLET AND COLLET MECHANISM. FRANK O. HOAGLAND, Bridgeport, Conn., assignor to Reed-Prentice Company, Worcester, Mass., a Corporation of Massachusetts. Filed Jan. 20, 1923. Serial No. 613,999. 7 Claims. (Cl. 74—33.)



1. Collet mechanism including a manually rotatable actuating member having a hub provided with an annular outstanding flange which has an inwardly-directed

manually-engageable rim-portion having an unobstructed finger-space between it and the body of the flange and terminating in an annular edge which has an unobstructed finger-space between it and said hub.

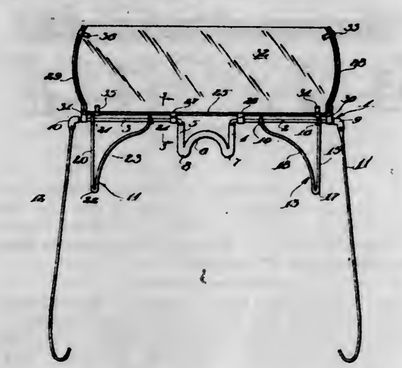
1,570,252. LINSEED-OIL SUBSTITUTE. JACOB HOROWITZ, Brooklyn, N. Y. Filed Sept. 18, 1924. Serial No. 738,533. 1 Claim. (Cl. 134—56.)

The herein described linseed oil substitute composed of the following components, in substantially the proportions stated: twenty-five pounds of crude rubber; seventy-five pounds of kerosene solvent; one hundred pounds of rosin, four pounds of phosphorus trichloride, and sufficient caustic soda to produce in the mixture an alkali test.

1,570,253. PROCESS FOR THE MANUFACTURE OF SODIUM THIOSULPHATE. HENRY HOWARD, Cleveland, Ohio, assignor to The Grasselli Chemical Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 13, 1925. Serial No. 2,169. 6 Claims. (Cl. 23—116.)

2. In processes for the manufacture of sodium thiosulphate involving the interaction of sodium sulphite with sulphur, the step which consists in supplying the sulphur for the reaction in gaseous form.

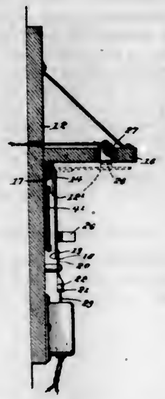
1,570,254. SUN-GLARE EYESHIELD. HARRY S. HUMES, Venice, Calif. Filed Apr. 24, 1924. Serial No. 708,661. 2 Claims. (Cl. 2—12.)



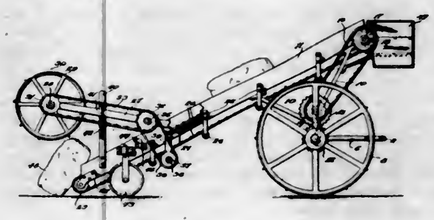
2. A sun glare eye shield comprising a principal frame formed of a substantial wire having straight alined shaft portions, a nose bridge formed between the inner ends of the shaft portions, supporting bows hinged to the outer ends of the shaft portions, adjustable supports mounted upon the shaft portions and adapted to be moved inwardly or outwardly and turned upwardly or downwardly and adapted to engage the side of a head above and back of the eyes, and a plate hingedly connected to the shaft portions.

1,570,255. FIRE ALARM APPARATUS. HUGO HUNKE, Taylor, Tex. Filed Oct. 16, 1923. Serial No. 668,885. 1 Claim. (Cl. 177—330.)

An indicator for electric circuits comprising a vertically disposed base, a horizontally disposed shelf carried thereby and extending forwardly therefrom, a stationary indicating member on the base, a rod carried by said shelf, a cover plate hinged at its upper edge to the rod and adapted for depression to cover said stationary indicating member and to be elevated for exposing said stationary indicating member, a spring carried by the rod and acting on said cover plate for elevating the same, a latch member engageable with the lower edge of the cover plate for holding the same in depressed position, means for retracting said latch member and thereby releasing the cover plate, stationary circuit closing contacts, projecting downwardly through the shelf, and coacting contacts carried by the cover plate for engagement with said stationary contacts when the cover plate is elevated.



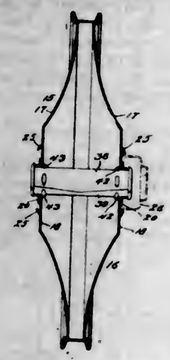
1,570,256. LOADER. GLEN M. HUNT, Saguache, Colo. Filed July 12, 1924. Serial No. 725,565. 1 Claim. (Cl. 214—41.)



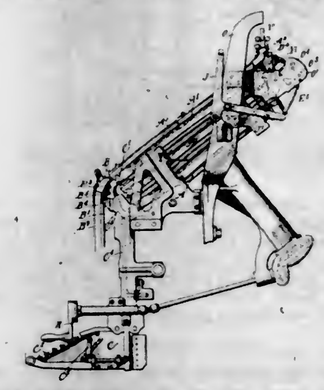
An apparatus for loading sacks of potatoes into a wagon consisting of an elevating conveyer inclined upwardly from front to rear, rolling supports for said conveyer, means for coupling the ends of said conveyer to the front and rear end portions respectively of a wagon whereby the conveyer will be caused to travel alongside the wagon, gearing connecting the rear rolling supports with the conveyer to actuate the conveyer, a chute extending laterally from the upper rear end of the conveyer over the side of the wagon to discharge the sacks into the wagon, arms projecting forwardly from the conveyer near and above the front end thereof, a reel carried by the front ends of said arms, means actuated by the conveyer for rotating the reel whereby to topple standing filled sacks onto the conveyer, posts rising from the conveyer, retainers on said posts engaged around said arms, and springs within the retainers below and bearing against the arms.

1,570,257. WHEEL. ALFRED KAUFMANN, Philadelphia, Pa. Filed July 29, 1924. Serial No. 728,885. 7 Claims. (Cl. 301—63.)

2. A wheel of the character described including a rim made of strip material having outwardly projecting side flanges providing a tire-receiving channel, one end portion of said strip material having a slot, the other end having a portion projecting beyond the ends of said flanges and forming a hook, said hook engaging through said slot.



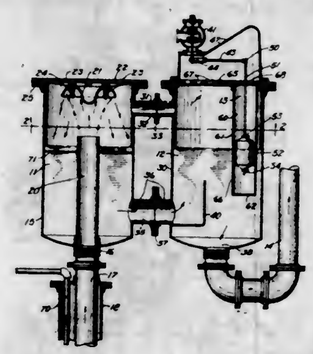
1,570,258. TYPOGRAPHICAL COMPOSING AND DISTRIBUTING MACHINE. DAVID S. KENNEDY, Brooklyn, N. Y., assignor to Mergenthaler Linotype Company, a Corporation of New York. Filed June 20, 1924. Serial No. 721,182. 27 Claims. (Cl. 199—17.)



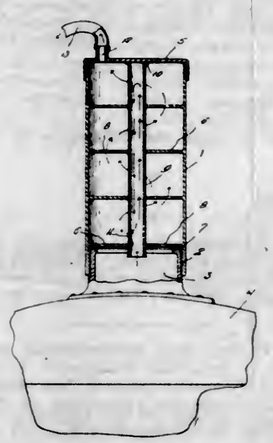
1. In a typographical composing and distributing machine adapted to be equipped with interchangeable magazines, one containing a set of matrices occupying certain channels according to character and the other containing a set of matrices occupying differently located channels according to character, the combination of two magazine entrances having their respective channels arranged to correspond with the magazine channels, means operable to bring either entrance into operative position for cooperation with the magazine in use, an assembler entrance provided with a series of adjustable matrix guide plates, and means for adjusting said plates sidewise at their upper ends to adapt the entrance to cooperate with the matrices of the magazine in use.

1,570,259. AIR BOOSTER PUMP. FRANK J. KIMBALL, Los Angeles, Calif., assignor to Frank J. Kimball Co., a Corporation of California. Filed Aug. 8, 1921. Serial No. 490,587. 12 Claims. (Cl. 103—231.)

1. In an air booster pump; a shell forming a receiving chamber arranged to receive air and water from water lift tubing; a shell forming a quieting chamber; connections between said chambers whereby air and water may freely pass from the receiving chamber to the quieting chamber, there being a wall member for directing the water upwardly as it enters said quieting chamber so that air contained therein may be freed before the discharge thereof from said quieting chamber; means for restricting the flow of air from said chambers; and means for delivering water from the quieting chamber under pressure of the air in said chamber.

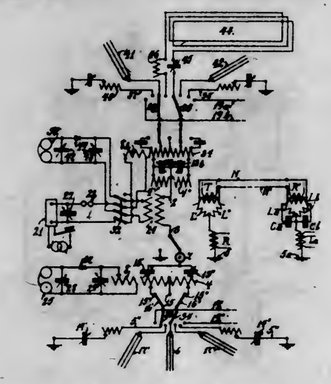


1,570,260. RADIATOR ATTACHMENT FOR TRACTORS. JOHN H. KLINKERMAN, Canton, Kans., assignor of one-half to John A. Frick, Canton, Kans. Filed Oct. 22, 1924. Serial No. 745,200. 1 Claim. (Cl. 257—25.)



A radiator attachment comprising a cylindrical open ended casing screw threaded at its opposite ends, the lower end being adapted to be secured to a radiator filler tube, a plurality of superposed vertically spaced partitions arranged horizontally within the casing, the end most partition being spaced inwardly from the ends of said casing, all of said partitions being provided with central alined holes and with auxiliary openings arranged in staggered relation, an open ended vertical tube extending through the central holes in said partition, a closing cap screwed on the upper threaded end of said casing and closing the adjacent end of said tube, said cover being provided with a discharge neck for attachment of a steam conducting conduit.

1,570,261. SIMULTANEOUS SENDING AND RECEIVING SYSTEM. AUGUST J. KLONECK, New York, N. Y. Filed May 12, 1921. Serial No. 468,935. 12 Claims. (Cl. 250—9.)



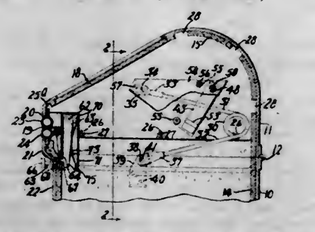
1. A means for simultaneously sending and receiving electrical signals, including an aerial to aerial circuit for transmitting and a directive aerial to aerial circuit for receiving, one of said aerial circuits forming a terminal for the other of said circuits and being common for both circuits, said second mentioned circuit consisting of two branches of equal reactance having a connection at the branching point for said first mentioned circuit.

1,570,262. PROCESS OF PREPARING PROPYLENE-THIOHYDRIN OR PROPYLENE-ETHYLENE-THIOHYDRIN AND PRODUCTS OBTAINED THEREBY. GEORG KRÄNZLEIN, Sindlingen, near Hochst-on-the-Main, and MARTIN CORELL, Hochst-on-the-Main, Germany, assignors to Farbwerke vorm. Meister Lucius & Bruning, Hochst-on-the-Main, Germany, a Corporation of Germany. Filed Aug. 7, 1922. Serial No. 580,287. 7 Claims. (Cl. 260—151.)

1. As new products, the thiohydrins of the general formula

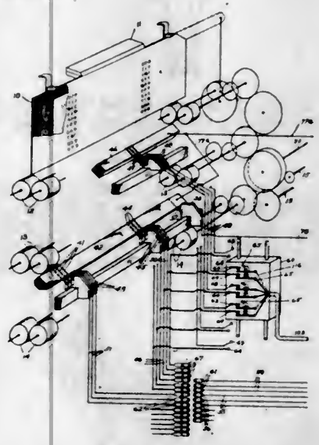
wherein R stands for the propyleneglycol-residue and R_1 for the propyleneglycol-or ethyleneglycol residue, which are readily soluble in water and possess a high dissolving ability for many organic dyestuffs.

1,570,263. CASING FOR TYPEWRITING MACHINES. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed June 19, 1922. Serial No. 569,423. 17 Claims. (Cl. 220—35.)



1. A sound-deadening casing for a typewriting machine, comprising a body-part and a cover hinged thereto, and cover opening and controlling means, comprising a coil-spring, one leg of which, at a fixed point thereof, is pivotally connected to the cover, and the other leg of which, at a fixed point thereof, is pivotally connected to the casing-body, the coil being free to float as the legs spread in the cover-opening operation, and a leaf-spring laid crosswise of the leg of the coil-spring on the cover, to bear upon the coil-spring with progressively increasing pressure, as the cover opens, whereby to serve as a buffer.

1,570,264. AUTOMATICALLY-CONTROLLED TABULATING MACHINE. CLAIR DENNISON LAKE, Binghamton, N. Y., assignor to The Tabulating Machine Company, Endicott, N. Y., a Corporation of New Jersey. Filed Dec. 30, 1921. Serial No. 525,954. 37 Claims. (Cl. 235—92.)



1. In an apparatus of the class described, in combination, tabulating devices controlled by index-points of record cards, means jointly controlled by index points of a plurality of cards passing through the machine for governing operation of the machine, and means whereby the index point columns to effect such control may be selected at will from a plurality of index point columns.

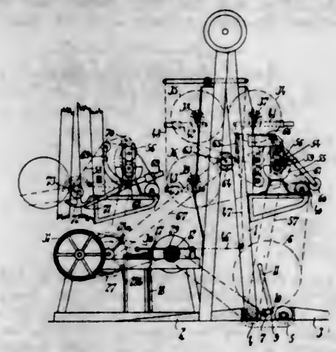
1,570,265. ELECTRODE FOR DISCHARGE TUBES. KAREL AUGUST LEBBINK, Eindhoven, Netherlands, assignor to Naamlooze Vennootschap Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Filed July 5, 1923. Serial No. 649,517. 3 Claims. (Cl. 250—27.)



2. An electrode for electric discharge tubes comprising a coiled wire wound on at least one support, the windings of said wire being embedded in slots and the teeth between said slots being bent over so as to lock the windings.

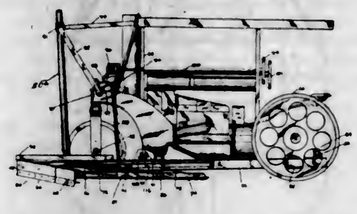
1,570,266. MACHINE FOR PACKING PAPER ROLLS. WALFRID LJUNGSTRÖM, Matfors, Sweden. Filed Mar. 26, 1924. Serial No. 702,960. 7 Claims. (Cl. 93—5.)

1. Machine for packing paper rolls, comprising a frame, rollers journalled in said frame in such position that the roll to be packed can be freely placed thereon, means for rotating one of said rollers, shafts journalled in the frame and adapted to support packing material, brakes at said shafts, and a device adapted to stop the machine



when the desired number of windings of the packing material has been wound onto the paper roll and simultaneously to release said brakes.

1,570,267. ROAD-GRADING MACHINE. DONALD GORDON MACKENZIE and MARIUS HONAKER NECKER, Montreal Quebec, Canada. Filed Mar. 14, 1925. Serial No. 15,704. 47 Claims. (Cl. 37—146.)



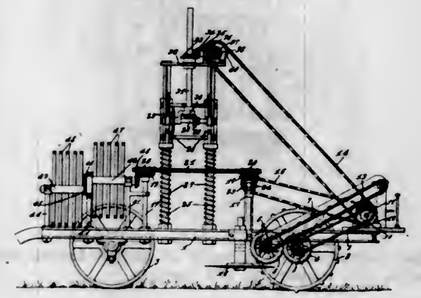
1. In a road grader, a frame adapted to be secured to the vehicle, a grading mechanism carried by said frame including ground trailers and pressure devices distributing the weight from the front rearwardly on said ground members.

1,570,268. FIGURE TOY. LOUIS MARX, New York, N. Y. Filed Mar. 21, 1923. Serial No. 626,535. 19 Claims. (Cl. 46—40.)



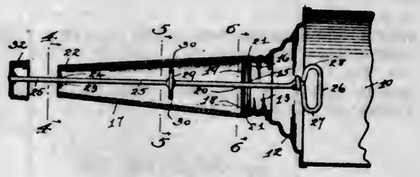
1. In a toy amusement device simulating a drummer in action, a support, a representation of a bass drum on the support, a figure representing a drummer arranged in sitting position on the drum, means independent of said figure for beating said drum, a simulated snare drum associated with the figure, means for beating the snare drum operated by movement of the figure, and mechanism for setting the figure in motion and for operating the first mentioned means in synchronization therewith to produce a simulated beating of the drums.

1,570,269. CANE HARVESTER. JOSEPH A. MELANCON, Donaldsville, La. Filed Sept. 29, 1923. Serial No. 665,667. 1 Claim. (Cl. 56—13.)



The combination with a portable frame and top severing means carried thereby, of oppositely rotatable shafts adjacent each side of the frame and in front of the top severing means, means for actuating all of the shafts simultaneously, and means on one shaft at each side of the frame for stripping standing canes and upon the other shaft at each side of the frame for laterally delivering severed cane tops.

1,570,270. DISPENSING CAN. JOSEPH H. MILLER, Harrisburg, Tex. Filed Apr. 9, 1925. Serial No. 21,745. 5 Claims. (Cl. 221—56.)

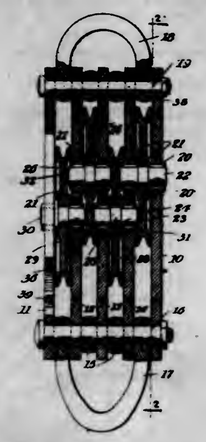


1. In a dispensing can the combination with a cylindric body having a projection at one end thereof, of a tapered nozzle to connect with said body-projection at its larger end, a stem extending all the way through the nozzle and passing through the projection on the body, means in the nozzle for guiding the stem therein and a cap attached to the outer end of the stem and shaped to cover the smaller and of the nozzle.

1,570,271. SHEAVE BLOCK. BURT S. MINOR, Los Angeles, Calif., assignor to Regan Forge and Engineering Company, Inc., San Pedro, Calif., a Corporation of California. Filed July 3, 1923. Serial No. 649,244. 5 Claims. (Cl. 254—192.)

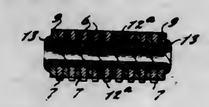
1. A sheave block construction, comprising a plurality of straps spaced apart and provided at each end with a

swinging clevis, a plurality of pairs of anti-friction bearings mounted in said plates and arranged in stag-



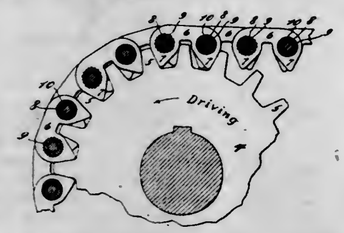
gered relation, and a plurality of sheaves having rigid bearing pins mounted in said bearings.

1,570,272. POWER-TRANSMISSION CHAIN. FRIEDRICH MÜLLER, Hartford, Conn., assignor to The Whitney Mfg. Co., Hartford, Conn., a Corporation of Connecticut. Filed Aug. 9, 1922. Serial No. 580,709. 4 Claims. (Cl. 74—32.)



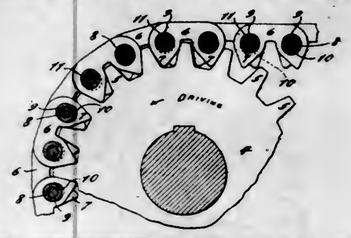
1. A power transmission chain comprising links arranged in overlapping relation and a flexible member in the form of a single flat helix on which said links are mounted.

1,570,273. POWER-TRANSMISSION CHAIN. FRIEDRICH MÜLLER, Hartford, Conn., assignor to The Whitney Mfg. Co., Hartford, Conn., a Corporation of Connecticut. Filed Nov. 4, 1922. Serial No. 598,979. 4 Claims. (Cl. 74—32.)



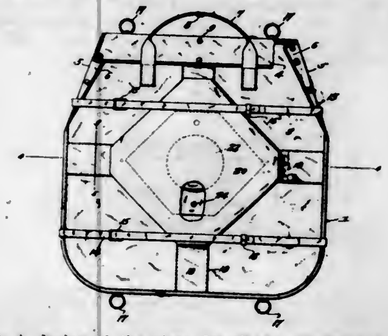
1. In a power transmission chain comprising links arranged in overlapping relation, pivot members on which said links are mounted, each link being provided with an aperture at one end and a larger aperture at the opposite end, affording a clearance space between it and the pivot member, to permit that end of the link to move laterally with resepte to the pivot member towards or away from the sprocket around which it passes.

1,570,274. POWER-TRANSMISSION CHAIN. FRIEDRICH MÜLLER, Hartford, Conn., assignor to The Whitney Mfg. Co., Hartford, Conn., a Corporation of Connecticut. Filed Apr. 19, 1923, Serial No. 633,116. Renewed Oct. 19, 1925. 1 Claim. (Cl. 74—32.)



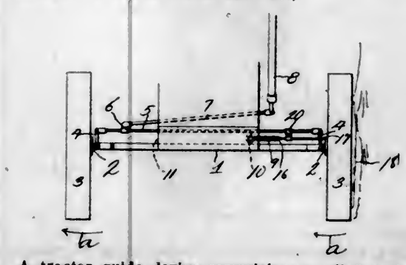
In a power-transmitting chain comprising links arranged in overlapping relation, each link being provided with an aperture affording a turning fit on its pivot members and at the opposite end with an aperture elongated with respect to its pivot member and inclined with respect to the length of the link.

1,570,275. HAT BAG. ELLA A. NALLE, Baltimore, Md. Filed Apr. 15, 1922. Serial No. 553,050. 2 Claims. (Cl. 206—8.)



2. A device of the class described comprising a substantially rectangular bag having two rounded corners and open along the edge opposite the edge having the rounded corners, one wall of said bag being flat and the other bulged, the corners of the open side being inclined along one edge and the opposed edge having flaps overlapping said inclined edge and equipped with fastening elements, a closing flap for said open end, and handles carried by said open ends.

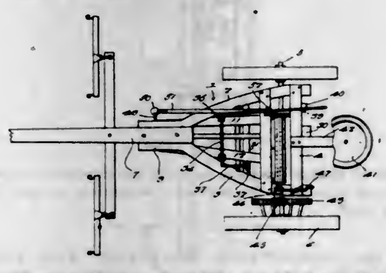
1,570,276. TRACTOR GUIDE. FRANCIS HAROLD NORMAN, Roann, Ind. Filed July 23, 1925. Serial No. 45,542. 1 Claim. (Cl. 280—87.)



A tractor guide device comprising a coiled spring anchored to a support above an axle, a sleeve secured in the other end of the coiled spring, a guide rod threaded

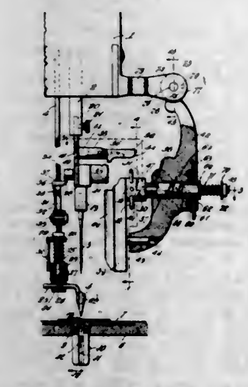
in said sleeve and extending towards a knuckle arm, a lock nut carried by said rod, a bracket carried by a drag link and in which the guide rod is slidably mounted, the outer end of said guide rod being provided with a hook extending over the outer side of the knuckle arm.

1,570,277. COTTON CHOPPER. JOSEPH L. PARKS, Henderson, N. C. Filed Aug. 3, 1925. Serial No. 47,799. 3 Claims. (Cl. 97—18.)



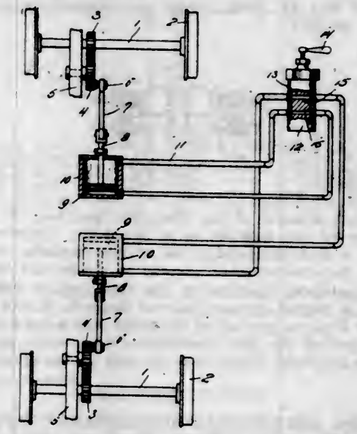
1. A cotton chopper comprising a main wheel frame, a supplemental frame pivotally supported below the main frame and adapted for vertical movement, ground engaging guide shoes carried by the supplemental frame, an elongated arm, a chopping blade carried by the rear end thereof, a socket member arranged on the forward end of the main frame, a ball shaped head carried by the forward end of said arm, and disposed within said socket, an arm extending laterally from the ball shaped head through the opposite side of the socket, and means for actuating said last mentioned arm to effect the oscillatory movement of the arm and the chopping blade thereby.

1,570,278. HEMSTITCH MACHINE. MANUEL HUMBERTO PÉREZ, San Pedro Sula, Honduras. Filed Oct. 11, 1923. Serial No. 667,903. 41 Claims. (Cl. 112—81.)



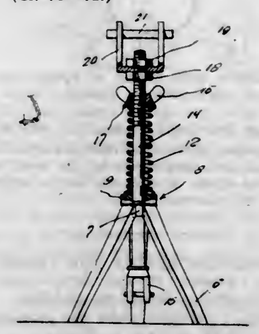
1. In a sewing machine, needle mechanism including reciprocatory and oscillatory needles, a piercer actuated by said needle mechanism, a needle spreader, mechanism for advancing and retracting the spreader between fixed normal advanced and retracted positions, and means for adjusting the spreader to vary its fixed advanced and retracted positions, said spreader advancing and retracting mechanism operating in each cycle of action on the initial downward movement of the piercer and needles to leave the spreader in set normal retracted position, on the ensuing upward motion of the needles to move the spreader to fixed advanced needle spreading position, on a second downward movement of the needles to maintain the spreader in needle spreading position, on the ensuing upward movement of the needles to retract the spreader on the third downward movement of the needles to maintain the spreader in retracted position, and on the final upward movement of the needles to still maintain the spreader in retracted position while re-setting the spreader advancing and retracting mechanism for a repetition of the above-described operation.

1,570,279. AIR BRAKE. CARLOS ABATES PICÓ, San Juan, P. R. Filed Nov. 6, 1924. Serial No. 748,220. 1 Claim. (Cl. 188—99.)



In combination, a wheel vehicle, wheel supported axles therefor, gear wheels mounted upon the axles, gear wheels journaled upon the vehicle and meshing with the first mentioned gear wheels and having eccentrically positioned wrist pins, cylinders on the vehicle having pistons slidably mounted therein, means operatively connectig the pistons with the wrist pins whereby the pistons reciprocate within the cylinders along paths which are shorter than the length of the cylinders, a pair of pipe sections connected with each cylinder and communicating with the interior thereof at points beyond the path of movement of the piston therein, a valve casing connected with the pairs of pipe sections, and a valve turnably mounted in the valve casing and having passageways adapted to be moved into registry with the pipe sections simultaneously.

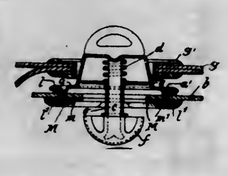
1,570,280. PUMP JACK. EDWARD R. PURVIS, Shreveport, La. Filed Sept. 22, 1925. Serial No. 57,882. 2 Claims. (Cl. 74—71.)



1. In a structure of the class described, a tripod, a guide bushing detachably connected with the upper portion of the tripod, a rod having a smooth surface por-

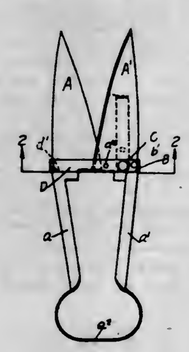
tion slidable through said bushing, a coupling on the lower end of the rod, the upper end of the rod being screw threaded, a coil spring surrounding said rod and bearing at one end against the bushing, an adjustable stop on the threaded portion against which the opposite end of the coil spring bears, and an adjustably mounted yoke on the upper end of said rod to adapt it for connection with the rocking beam of a pump jack.

1,570,281. TWO-HEAD ROTATABLE FASTENING DEVICE. ACHILLE FRANÇOIS RAYMOND, Grenoble, France. Filed May 28, 1923. Serial No. 642,010. 8 Claims. (Cl. 24—221.)



7. In a fastener of the character described, the combination of two members to be detachably connected together, a stud connected to one of said members, an eyelet in the other member adapted to receive the stud, a shank rotatably mounted in the stud and of sufficient length to project through the stud and both of said members, a head on one end of the shank, and a head on the other end of the shank consisting of a hollow member having its walls swaged onto the end of the shank.

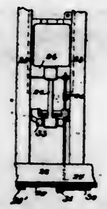
1,570,282. EXTENSION-LIMITING MEANS FOR GRASS SHEARS. GEORGE REITER, Cincinnati, Ohio. Filed Aug. 5, 1925. Serial No. 48,260. 5 Claims. (Cl. 30—13.)



1. In combination with a pair of shears whose blades have a resilient connection, a resilient band having a hooked clasp on its free end to contact with the outside edge of one of the shear blades, so pivoted in fixed relation to the other blade as to extend across both blades in using position and lengthwise of one blade only when in out of use position, and means for normally holding said band in using position.

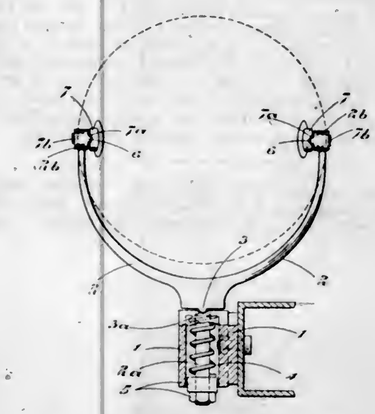
1,570,283. STOPPING DEVICE FOR LOOMS. PIERRE RENARD and ALBERT RENARD, Nonancourt, France. Filed July 2, 1920. Serial No. 393,766. 3 Claims. (Cl. 139—336.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)

1. A device for automatically stopping a power loom for the manufacture of oriental and other knotted carpets each time a knot has not been formed, said device comprising a knotting carriage, a rod secured thereto, a plate having a reciprocating motion, a transmission mechanism operable by said plate to uncouple the loom, said rod ar-



ranged to engage the plate to limit the movement thereof upon the failure of the knotting mechanism to seize the pile thread.

1,570,284. ORIENTABLE HEADLIGHT FOR AUTOMOBILES. BENOIT SCHERER, Courbevoie, France. Filed Sept. 8, 1924. Serial No. 736,613. 1 Claim. (Cl. 240—61.)

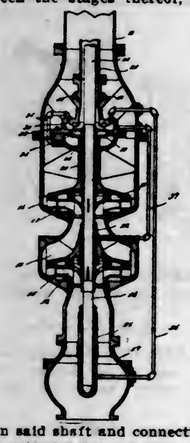


A headlight casing having oppositely extending pivot arms and also having diametrically enlarged bases at the inner ends of said pivot arms each provided with a V-shaped notch, in combination with a supporting fork having spring arms each provided with a bearing for one of the pivot arms and also provided with a tooth for engagement with said notch, said fork also having a vertical pivot stem at its base and being further provided at one side of the upper end of said stem with a tooth, and a supporting socket for said fork having a bore of greater diameter than and through which said stem extends, said socket having a V-shaped notch for engagement by the last named tooth and a spring on said stem and normally holding said tooth in engagement with said notch.

1,570,285. CLEANING LUBRICATION OF DEEP-WELL PUMPS. VICTOR SCHLEYER, Anderson, Ind., assignor, by mesne assignments, to Dean Hill Pump Company, Anderson, Ind., a Corporation of Indiana. Filed Feb. 10, 1923. Serial No. 619,348. 14 Claims. (Cl. 103—102.)

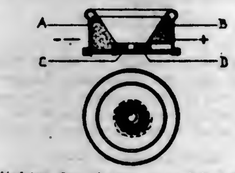
1. In a deep-well pump, the combination of a shaft extending down into the well, a multi-stage rotary pump

located in the well and having runners on said shaft, bearings for said shaft above and below said multi-stage pump and between the stages thereof, a lubricant-water



pump mounted on said shaft and connections from the discharge side of said lubricant-water pump to all the aforesaid bearings.

1,570,286. ELECTRIC CIGAR LIGHTER. ALFRED SCHOELLER, Frankfort-on-the-Main, Germany. Filed Mar. 13, 1924. Serial No. 698,911. 1 Claim. (Cl. 219—32.)



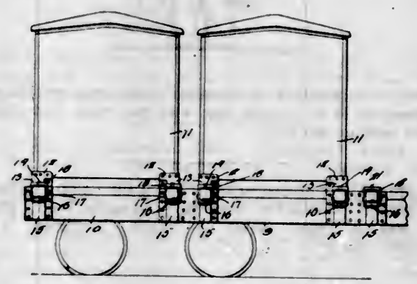
Electric lighter for cigars comprising in combination a heating spiral carrier in the form of a flat box, a contact casing, a guiding frame on said contact casing for holding said heating spiral carrier so that the heating spiral is visible from the outside, a pressure contact in the upper part of said casing, a press button in the lower part of said casing, a contact plug in the lower part of said casing opposite said push button and a blade spring fixed in said casing so that its upper end presses from behind against said pressure contact and its lower end against said push button, said blade spring serving as contact between said contact plug and said pressure contact when said push button is pushed in.

1,570,287. TELEPHONE. HELMUT SELL, Siemensstadt, near Berlin, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a Corporation of Germany. Filed Jan. 25, 1924. Serial No. 688,471. 9 Claims. (Cl. 179—115.)



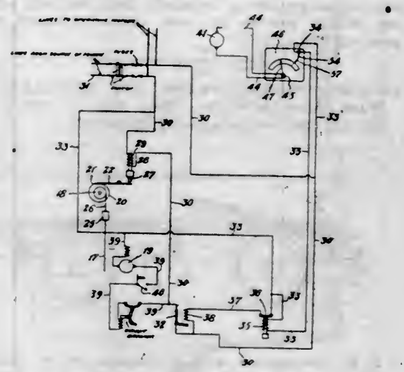
1. A diaphragm unit for telephones of the character described, said unit comprising a diaphragm proper consisting of very thin metal foil radially tensioned, an iron plate armature fixed throughout its entire surface to said diaphragm, and means fixed to the periphery of said diaphragm for maintaining it in permanently tensioned condition.

1,570,288. INTERCHANGEABLE CAR UNIT. ALFRED H. SMITH, New York, N. Y; Maude Emery Smith and Emery Holland Smith, executors of said Alfred H. Smith, deceased. Filed Nov. 5, 1920. Serial No. 422,084. 5 Claims. (Cl. 105—366.)



1. The combination with a flat car, of a series of freight compartments removably mounted mounted thereon, legs depending from said compartment, a series of pockets, secured to the side wall of the car and adapted to receive said legs and means locking said legs in said pockets.

1,570,289. MEANS FOR LOCKING AN ORE BRIDGE OR THE LIKE AGAINST MOVEMENT RESULTING FROM WIND PRESSURE. MICHAEL C. THOMAS, Detroit, Mich. Filed Mar. 5, 1923. Serial No. 623,071. 9 Claims. (Cl. 188—155.)

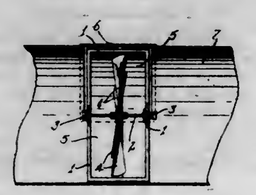


1. In a device of the character described, the combination with normally inoperative means for resisting translative movement of a translatable structure; of means for controlling the actuation of such resisting means including an electrical circuit together with a movable member adapted to control said circuit and itself adapted to be actuated by an electrical current; and an air-current-operated device for producing such current.

1,570,290. HOT-AIR-REGULATING DEVICE. ADOLPH UNGER, Chicago, Ill. Filed Feb. 29, 1924. Serial No. 695,982. 1 Claim. (Cl. 126—99.)

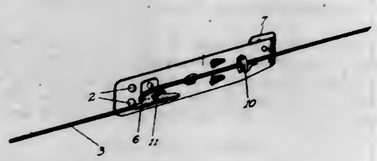
The combination with a hot air pipe having a hinged door, of a cylindrical frame, a rectangular frame carried within said cylindrical frame, and a wheel having

vanes inclined with respect to a plane at right angles to the axis of the cylindrical frame, said cylindrical frame being arranged to enter through the door of the pipe



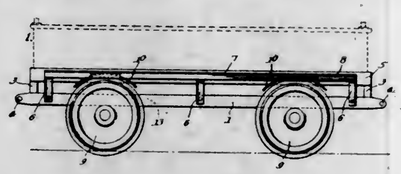
and to be retained frictionally in the pipe, by the engagement of the hinged door with the frame, and means for latching the door.

1,570,291. CLOTHESLINE SPLICER AND TIGHTENER. FRANK VAN ALSTINE, Sacramento, Calif. Filed Mar. 3, 1925. Serial No. 12,815. 2 Claims. (Cl. 24—71.2.)



1. A clothes line splicer and tightener comprising a body member, means on said body for securing the ends of a line thereto, the body having orifices through which the line sections pass to reach the end-securing means, and a cleat projecting outwardly from the body adjacent the orifices and on the side thereof opposite to the securing means.

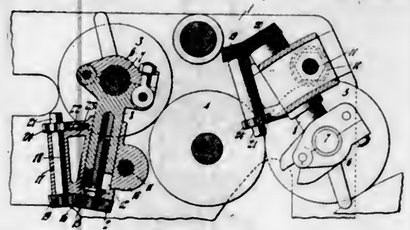
1,570,292. WHEEL GUARD FOR VEHICLES. ROY WADE, Pocatello, Idaho. Filed Aug. 18, 1924. Serial No. 732,827. 3 Claims. (Cl. 105—457.)



2. In combination with a wheeled car or vehicle, a combined wheel guard and foot rest, comprising brackets secured to the body of the car and projecting from the side thereof; and a plurality of narrow bars extending over and secured to said brackets with spaces between them through which the wheels and roadway may be observed.

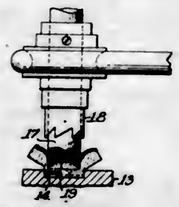
1,570,293. INKING MECHANISM FOR PRINTING PRESSES. HOWARD M. BARBER, Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y., a Corporation of Delaware. Filed May 26, 1923. Serial No. 641,771. 9 Claims. (Cl. 308—59.)

1. An ink transfer roller, and means for adjusting the position of the roller comprising, a bearing member for each end of the roller, a radially disposed stud having a screw-threaded engagement with the bearing member, and a manually operated adjusting shaft located along the side of said stud and geared at its outer end to the outer end of said stud, the inner end of said adjusting



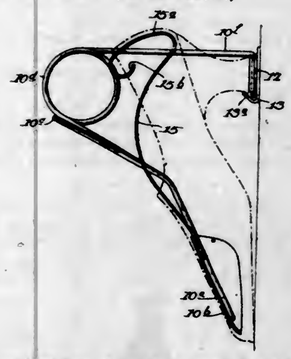
shaft being arranged to be engaged by a tool for turning the shaft to move the bearing member to its desired position.

1,570,294. CUE TIP AND METHOD OF MAKING THE SAME. WILLIAM SILAS BORDEN, Worcester, Mass. Filed Aug. 17, 1922. Serial No. 582,525. 7 Claims. (Cl. 273—70.)



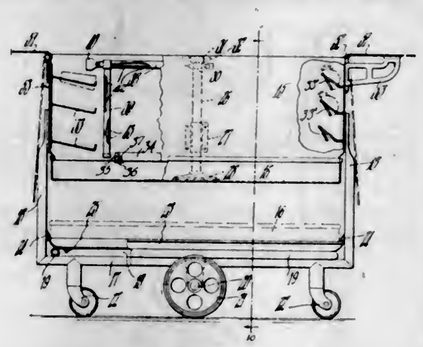
1. The method of producing a cue tip which consists in partially forming a tip of greater thickness than the finished article and having a substantially semi-spherical portion at one side thereof, and thereafter compressing the tip to the desired thickness of the finished article.

1,570,295. SHOE SUPPORT AND FORM. EUGENE L. CAVANNA, Chicago, Ill. Filed Oct. 9, 1924. Serial No. 742,531. 4 Claims. (Cl. 12—128.1.)



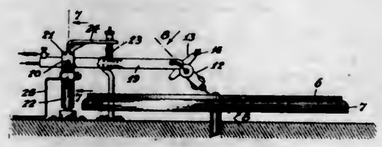
1. In combination, a shoe support formed of wire, comprising spaced toe engaging portions, and a transverse supporting strip attachable to a wall or the like, said shoe support comprising portions attached to said supporting strips, said toe engaging portions being extended toward said supporting portions and the wire coiled at the juncture therewith, said strip being provided with means to engage the heels of supported shoes or the like, said toe engaging portions and said heel engaging means being so constructed and arranged as to support shoes under yielding tension.

1,570,296. DISHWASHING MACHINE. HENRY CAVE, Hartford, Conn., assignor to G. R. S. Products, Inc., New York, N. Y., a Corporation. Filed Feb. 4, 1920. Serial No. 356,308. 8 Claims. (Cl. 141—9.)



2. A portable washing machine, comprising, a base frame, uprights thereon, a washing tank open at its upper end and supported by said uprights above and spaced from said frame, said tank including a separable bottom section, means normally holding the latter in position to close the bottom of the tank, said section being movable away from the latter toward said base frame, and means in the tank for supporting the articles to be washed independently of said section.

1,570,297. ART OF RECORDING AND REPRODUCING SOUNDS. FRANK L. DYER, Montclair, N. J. Filed May 7, 1923. Serial No. 637,198. 12 Claims. (Cl. 179—100.1.)



4. In the art of reproducing sounds, a talking machine record having a microscopic groove in width, length and amplitude as compared with existing practice, the values of width and length being so chosen as to permit the recording on a ten inch disc of sounds extending over a period of ten minutes or more, a needle engaging the record groove with a pressure sufficiently light as not to result in substantially greater wear than with existing practice, and means for securing an amplified response from said needle, substantially as set forth.

1,570,298. METHOD AND MEANS FOR REPAIRING TIRE CASINGS. ALBERT H. FISHER, East Cleveland, Ohio, assignor of one-half to Milan R. Forkapa. Filed Jan. 28, 1925. Serial No. 5,259. 4 Claims. (Cl. 152—26.)

2. An apparatus for repairing punctures of undefined size in the casing of an automobile pneumatic tire, which comprises an elongated shaft circular in cross section having a tapered outer surface adapted to progressively compress the torn edges of the puncture walls, and acting expansively to enlarge the puncture opening to the maximum shaft diameter, a socket formed in the base of said shaft and having slitted resilient side walls, a flexible stem adapted to be telescopically engaged within said socket and compressible therein, and an enlarged head carried by said stem and adapted to form a pad for

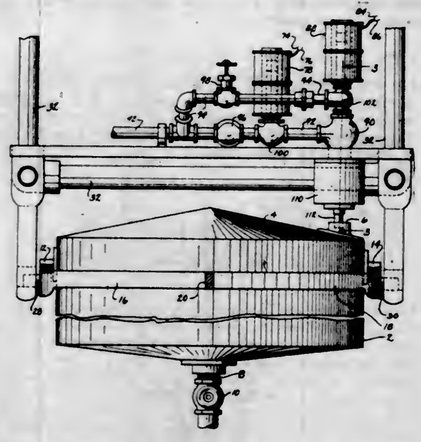


forcing said shaft through the puncture hole of said casing and cooperating as a puncture closure when said head is seated against the inner wall of said casing.

1,570,299. AMMONIA SODA PROCESS. HUGH A. GALT, Akron, Ohio, assignor to The Pittsburgh Plate Glass Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed May 1, 1922. Serial No. 557,801. 3 Claims. (Cl. 23—65.)

1. An ammonia soda process, consisting in bringing into contact with each other, crude ammonia, concentrated brine, and a low test carbonic acid gas to thereby carbonate the ammonia without material precipitation of sodium bicarbonate, passing high test carbonic acid gas into the mixture and thereby precipitating sodium bicarbonate, and calcining the bicarbonate to form soda ash and supply said high test carbonic acid gas, thereby in effect concentrating the low test carbonic acid gas.

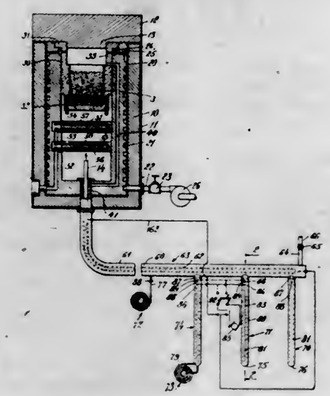
1,570,300. WEIGHING MACHINE FOR LIQUIDS. EUGENE GASE, Saginaw, Mich., assignor to Baker-Perkins Company, Incorporated, White Plains, N. Y. Filed Jan. 28, 1924. Serial No. 688,912. 13 Claims. (Cl. 249—65.)



1. In a machine for weighing liquids, a balance, a weighing tank suspended from said balance for receiving liquid to be weighed, a main supply pipe and an auxiliary supply pipe for leading liquid to said weighing tank, a valve in said main pipe, a solenoid operatively connected to said valve to maintain said valve in open position when said solenoid is energized, a valve in said auxiliary pipe, a solenoid operatively connected to the last named valve to maintain the valve in open position when the last named solenoid is energized, electrical circuits connected to the said solenoids, and means actuated by movements of said balance to successively open the said circuits to de-energize the said solenoids, the said means

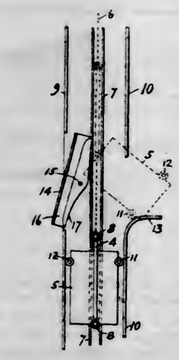
causing the valve of the main pipe to first close and thereafter, when the required quantity of liquid has entered the said weighing tank, causing the valve in the said auxiliary pipe to close.

1,570,301. ELECTRIC HEATING SYSTEM. WILLIAM S. HADAWAY, Jr., New Rochelle, N. Y. Filed July 1, 1921, Serial No. 481,772. Renewed May 5, 1925. 72 Claims. (Cl. 219—19.)



1. In a heat distributing system, the combination with a vapor heater and a plurality of working tools, of a vapor conductor for transferring vapor from said heater to the tools comprising an elongated casing, a porous mass therein offering a resistance to the flow of vapor, and a valve associated with each of said tools adapted to discontinue the flow of vapor to the associated tool independent of the other tools.

1,570,302. DOUBLE-DUMP SKIP HOIST. WILLIAM E. HALE, Fort Washington, Pa., assignor to R. H. Beaumont Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Mar. 5, 1923. Serial No. 622,836. 5 Claims. (Cl. 214—120.)



1. A skip hoist adapted to dump at different levels and in different directions and comprising the combination of a tower, a bail guide, an interrupted bucket guide, dumping extensions at different sides of the interruptions and at different levels, and switches arranged at the interruptions and disposed opposite the adjacent extensions.

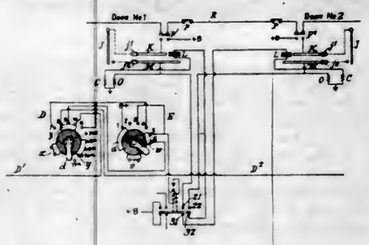
1,570,303. SKIP-BUCKET CAR-LOADING APPARATUS. WILLIAM E. HALE, Fort Washington, Pa., assignor to R. H. Beaumont Co., Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 15, 1925. Serial No. 30,455. 3 Claims. (Cl. 214—40.)



1. Skip bucket car loading apparatus including a skip bucket, a car, a winding machine having a skip bucket cable and a car cable attached at its ends to the car, means for arresting the movement of the car in loading position, and take-up devices cooperating with the car cable and of which one is operative between one end of the car and the winding machine and of which the other is operative between the other end of the car and the winding machine whereby the latter may operate both the bucket cable and the car cable while the car is at rest in loading position.

3. In skip bucket car loading apparatus a tram car, a winding machine, a car cable wound and unwound by the machine and having its ends attached to the car, and a take-up device in each reach of the cable between the car and winding machine.

1,570,304. TRAIN DOOR-CONTROL SYSTEM. LEE P. HYNES, Albany, N. Y., assignor to Consolidated Car-Heating Company, Albany, N. Y., a Corporation of West Virginia. Filed Apr. 9, 1921. Serial No. 460,087. 33 Claims. (Cl. 105—341.)

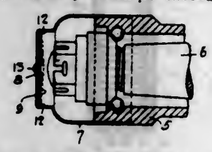


1. In a train door-control system the combination with a train line and door-operating means controlled thereby on the several cars of a train, of local switch-contacts for energizing said train-line, associated switch-contacts for separately operating doors on one car of the train, and a common operating means for the two sets of contacts.

1,570,305. LUBRICATING APPARATUS. JAMES J. JACOBS and ROLLA B. BOSTWICK, Duquesne, Pa. Filed Nov. 10, 1924. Serial No. 748,994. 5 Claims. (Cl. 308—96.)

1. The combination with a wheel hub having a lubricant recess therein and provided with a cap which has

an opening disposed centrally thereof, of a flat spring seated in the end of said cap, and a closure element carried by said spring in position to extend into said open-



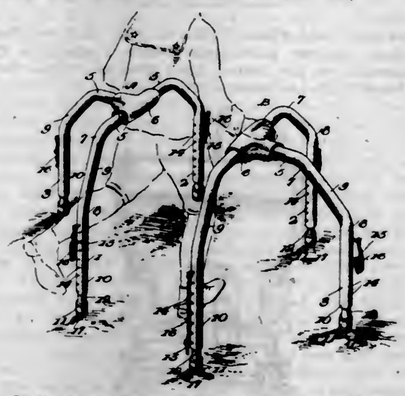
ing, the ends of the spring being held against movement axially of the hub by indentations arranged circumferentially in said cap.

1,570,306. COMBINATION BOTTLE-OPENING TOOL. WILLIAM JOHNSON, Chicago, Ill. Filed July 20, 1925. Serial No. 44,707. 4 Claims. (Cl. 65—47.)



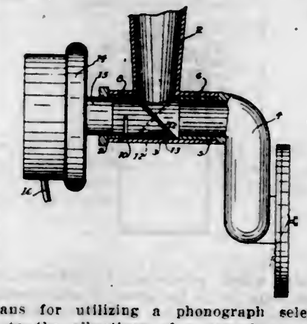
1. In a combination tool, a shank provided with a barbed point, the upper end of the shank being laterally extended to afford a flat head provided with oppositely disposed tongues, and a handle having opposite laterally extending feet registering with said tongues and united thereto, substantially as described.

1,570,307. KINESITHERAPY APPARATUS. CLARENCE E. KIRBY, Chestertown, Md., assignor of one-half to Charles J. Butler, Easton, Md. Filed July 3, 1924. Serial No. 724,097. 8 Claims. (Cl. 272—63.)



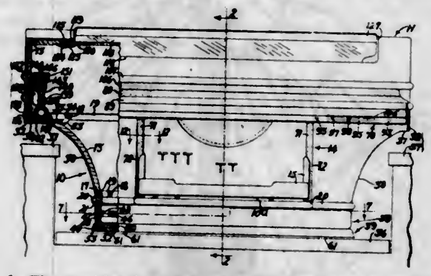
1. In an apparatus of the character described a pair of three-legged portable supports, two of the legs of each support defining a plane substantially perpendicular to the ground and parallel to each other, the third leg of each support extending transversely of the plane of the two other legs and engaging the ground at a point displaced laterally therefrom, all of said legs being bent at a plurality of points to form vertically disposed ground engaging extremities and horizontally disposed upper extremities connected by inclined intermediate section, a fitting connecting the adjacent upper ends of the legs of each support, a hand-grip carried by each support and means carried by the legs to adjust the supports and hand-grips vertically to a height coinciding substantially with the hands of the user.

1,570,308. REGULABLE TONE-ARM CONNECTER. JOHN KORANEK, Chicago, Ill., assignor to E. Toman & Co., Chicago, Ill., a Corporation of Illinois. Filed Jan. 28, 1924. Serial No. 689,193. 5 Claims. (Cl. 179—100.1.)



1. Means for utilizing a phonograph selectively to respond to the vibrations of a reproducer or a radio receiver said means comprising the combination with a tone arm on said phonograph, of a T connection on said tone arm, a reproducer connected to one arm of said T connection, a radio receiver connected to the other arm of said T connection and a baffle member rotatably mounted in the T connection for selectively connecting the tone arm with either the reproducer or the receiver.

1,570,309. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 27, 1922. Serial No. 590,756. 15 Claims. (Cl. 197—186.)

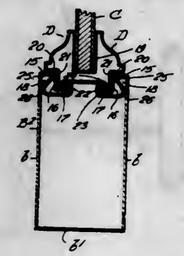


1. The combination of a typewriting machine, a sound-deadening casing therefor having a body-portion with lateral overhangings at the top thereof to provide space for movement of the carriage, means supporting said machine and casing upon a desk having a platform depressed below the top of the desk, said casing having a removable base-piece and a bolster insertable between the base-piece and the casing-body to elevate the latter to cause the lateral extensions to clear the corners of the desk at the top of the depression, and means to elevate the machine according to the elevation of the casing-body.

1,570,310. SHEET-METAL DOOR AND ANALOGOUS STRUCTURE. LAWRENCE R. LJUNGBERG and WILLIAM A. ANDERBERG, Jamestown, N. Y., assignors to Art Metal Construction Company, Jamestown, N. Y. Filed Oct. 10, 1922. Serial No. 593,604. 6 Claims. (Cl. 189—53.)

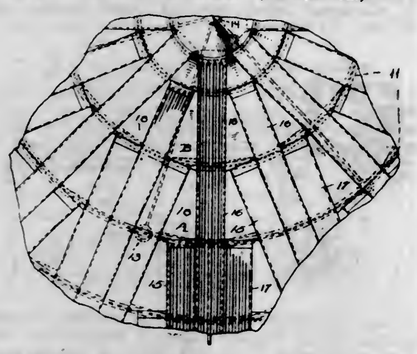
1. The combination of parts of a sheet metal structure to be connected, one of said parts comprising oppo-

site side walls having edge portions bent towards each other and then substantially parallel with said walls forming relatively wide internal channels, said other structure part comprising opposite walls which extend between and contact with the inside faces of the inner walls of said channels, and have inwardly extending lateral flanges, portions on said structure parts which abut to prevent inward displacement of the parts, said parts being adapted to be placed together edgewise and



a key member which locks said structure parts together and extends from one to the other of said opposite walls for bracing the same, said key member having outwardly directed portions between its side edges which engage the inner faces of said lateral flanges and also having side flanges which enter said channels and extend diagonally in said channels from one to the other of the opposite walls thereof and bear against the ends of said channels, said key member acting to draw the abutting portions of said structure parts together.

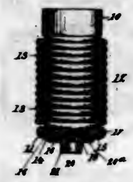
1,570,311. METALLIC ROOF FOR TANKS. JOSEPH T. MAGUIRE, Chevy Chase, Md. Filed May 19, 1924. Serial No. 714,251. 6 Claims. (Cl. 108—32.)



1. In a roofing of the character described, in combination, main sections composed of a plurality of parts, each part being provided with a plurality of longitudinally disposed parallel corrugations, said sections being radially disposed about the roof and intervening plates adapted to close the openings between adjacent sections and means for draining the water to the corrugations of the next lower main section.

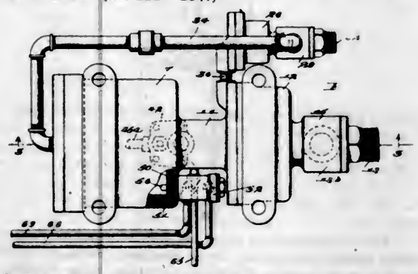
1,570,312. METHOD OF PRODUCING EXPANSIBLE-COLLAPSIBLE ELEMENTS. HARRY C. MALLORY, Bellport, N. Y., assignor, by mesne assignments, to American Radiator Company, Chicago, Ill., a Corporation of New Jersey. Filed Aug. 31, 1920. Serial No. 407,207. 5 Claims. (Cl. 153—73.)

1. The process of making an expansible-collapsible element which consists in forming a shell having a body portion and a closed end, circumferentially corrugating said body portion, disposing reinforcing members within



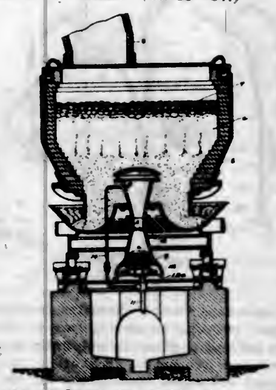
and without said closed end, and then securing said closed end and reinforcing members together, substantially as specified.

1,570,313. LOCOMOTIVE. CLINTON O. MIKLE, Portland, Oreg. Filed Aug. 4, 1925. Serial No. 48,048. 15 Claims. (Cl. 121—137.)



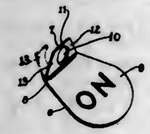
2. In a locomotive, means for admitting steam to the engine cylinders when the throttle is closed, said means shutting off the steam after a predetermined period of time, a valve for controlling the admission of air to the engine cylinders after the steam has been cut off, means for actuating said valve, means for controlling the actuating means, and means cooperating with the means for admitting steam to operate the controlling means.

1,570,314. GAS PRODUCER. SANFORD A. MOSS, Lynn, Mass., assignor to General Electric Company, a Corporation of New York. Filed Feb. 27, 1923. Serial No. 621,656. 6 Claims. (Cl. 48—87.)



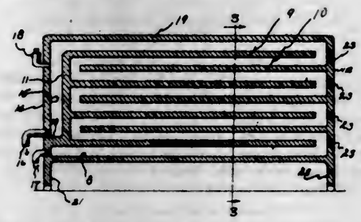
1. In a gas producer, in combination, a fuel chamber, air and steam admission means comprising a steam-actuated jet blower for blowing air and steam into the fuel charge, said jet blower having a discharge tube and steam nozzle means, and the area of the throat of the discharge tube being not more than one hundred times greater than the total steam nozzle throat area.

1,570,315. SWITCH INDICATOR. HENRY B. NEWHALL, Plainfield, N. J. Filed Jan. 9, 1925. Serial No. 1,453. 8 Claims. (Cl. 200—167.)



1. A new article of manufacture comprising a switch indicator formed of flat material having a portion bent up at an angle to loosely engage with the shaft of a push button switch and be actuated thereby.

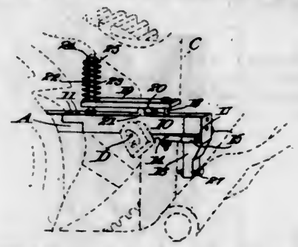
1,570,316. RADIATOR. JOSEPH PALERMITI, Detroit, Mich. Filed Feb. 26, 1925. Serial No. 11,632. 2 Claims. (Cl. 257—149.)



2. A radiator of the class described formed from a single casting and comprising a housing forming structure; a plurality of partition forming members projecting longitudinally of said structure in spaced relation to each other; a transversely extending partition forming member connected to one end of each of said longitudinally extending partition forming members and spaced slightly from one of the end walls of said structure; a connecting portion projecting from the lower end of said transversely extending partition forming member and connecting the same to said end wall adjacent its lower end, said connecting portion extending parallel to said longitudinally extending partition members and being spaced slightly from the base of said structure; a plurality of partition forming members extending longitudinally of said structure and projecting from the opposite end wall of said structure in overlapping spaced relation to said first-mentioned longitudinally extending partition forming members and terminating at their ends a slight distance from said transversely extending partition forming member, said first mentioned longitudinally extending partition forming members terminating a slight distance from said opposite end wall; an inlet pipe mounted in the first mentioned end wall of said structure in communication with the interior thereof below said connecting portion and angularly turned downwardly exteriorly of said structure in parallel relation to the end wall thereof; and an outlet pipe mounted in said end wall of said structure above said connecting portion in communication with the space separating said end wall and said transversely extending partition forming member, said outlet pipe being downwardly turned exterior of said housing in parallel relation to said first-mentioned end wall in close proximity to the downwardly turned portion of said inlet pipe.

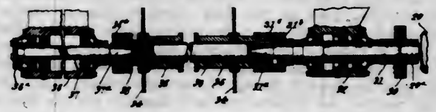
1,570,317. EJECTOR PAWL. WILLIAM PETERSON, Brooklyn, N. Y., assignor of one-fourth to Charles E. Stewart, St. Paul, Minn. Filed Nov. 15, 1924. Serial No. 750,129. 3 Claims. (Cl. 199—60.)

1. A link of the class described, in combination with an operating means therefor, a bearing arm on said link and pivoted thereto, a connecting element slidably mounted on the link operatively connected to said arm, a lever connected to said element, a stem on the link, a spring on said stem engaging said lever to normally



maintain the arm engaged with said operating means, said arm being automatically displaceable against the tension of said spring to release the driving connection upon failure of the link to operate.

1,570,318. STONE-CUTTING MACHINE. EDSON T. POLLARD, Niagara Falls, N. Y. Filed Apr. 30, 1924. Serial No. 710,082. 5 Claims. (Cl. 125—13.)



1. In a stone cutting machine, the combination with head-stock and tail-stock blocks, of an arbor or shaft of lesser length than the distance between said blocks, a plurality of spaced-apart cutting wheels mounted on said arbor or shaft and rotating therewith, a rotary spindle mounted in each of said blocks, said spindles both having live connections with said arbor or shaft, and means for adjusting one of said blocks and its spindle in the direction of the axis of said arbor or shaft for convenient mounting and dismounting of said arbor or shaft.

1,570,319. LOCK-GEAR DISK WHEEL. CHARLES TELFORD REYNOLDS, Columbia, S. C., assignor of one-sixth to Carrie B. Reynolds, Columbia, S. C. Filed Dec. 28, 1923. Serial No. 683,154. 5 Claims. (Cl. 152—21.)



1. In combination, a wheel divided circumferentially into two sections, each of which sections is provided with a groove opening into the other, an expansible ring inserted into said grooves, and means whereby the ring may be contracted into one of the grooves so that the other section may be removed therefrom.

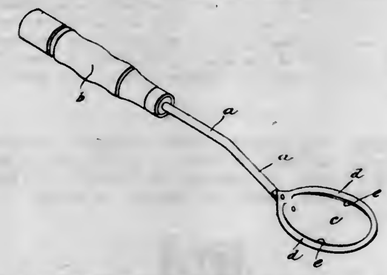
1,570,320. SPARK PLUG AND METHOD OF MAKING SAME. ALBERT E. SERWICZ, Chicago, Ill. Filed Oct. 27, 1919. Serial No. 333,751. 7 Claims. (Cl. 29—155.5.)



1. A spark plug comprising longitudinally apertured body and flanged portions, an insulator therein and having a flange, said body portion having a shoulder for the flange of the insulator, said body and flange portions being connected by a part which is thinner than the flange, said part being adapted when the body and flange portions are forced toward each other to flex to form a shoulder for the flange of the insulator.

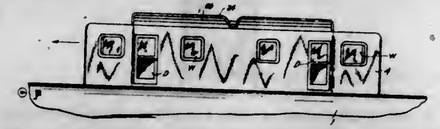
5. The method of making a spark plug comprising forming an apertured shell with a flexible portion intermediate the ends of the shell which portion is thinner than the flange, placing a flanged insulator in said shell with the flange of the insulator seated upon a shoulder formed in the shell, longitudinally compressing the shell to cause an inward flexing of the intermediate relatively thin portion for forming a second shoulder for the flange of the insulator.

1,570,321. SKIMMING SPOON. JOHN T. SWEENEY, Kingston, N. Y. Filed Aug. 4, 1922. Serial No. 579,589. 3 Claims. (Cl. 30—22.)



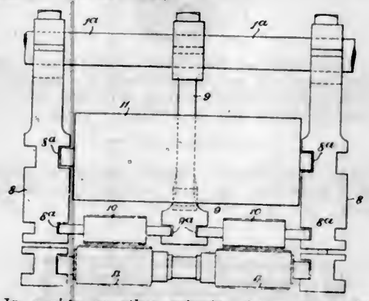
1. A skimming spoon embodying therein a handle and a bowl having a slot toward the top thereof and a substantially straight part deflected outwardly of the bowl from substantially the top of said slot, whereby grease or scum will be directed through said slot to within the bowl.

1,570,322. AIRSHIP. EBER H. VAN VALKENBERG, Monroe, Wash., assignor of one-half to Oscar Silverstein, Spokane, Wash. Filed Apr. 27, 1925. Serial No. 26,081. 4 Claims. (Cl. 244—30.)



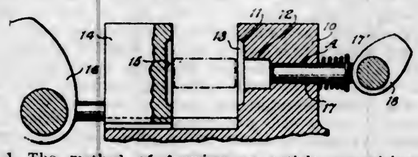
4. The combination with a cabin structure of a series of longitudinally disposed, tubular, exterior braces having their open ends located in the interior of the cabin, said braces adapted for support of radio equipment, electrical heating elements in said braces, and means for controlling the admission of electric currents to said heating elements.

1,570,323. RING-SPINNING FRAME AND OTHER SPINNING MACHINE. ROBERT TAYLOR, Oldham, England. Filed Dec. 26, 1924. Serial No. 758,296. 2 Claims. (Cl. 19—134.)



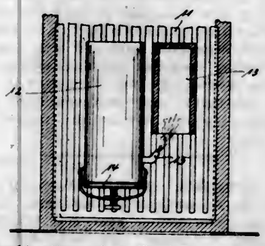
2. In a ring or other spinning frame or machine, a pair of end rollers supporting fingers, top middle rollers in two parts and axially aligned, a finger mounted on the bar intermediate the usual roller supporting fingers, bearings in said finger to support said top middle rollers at their inner ends, said fingers being cranked to pass below the top and bottom back rollers.

1,570,324. METHOD OF MAKING ONE-PIECE METAL BUTTONS. WALTER T. ABEL, Waterbury, Conn., assignor to The Patent Button Company, Waterbury, Conn., a Corporation of Connecticut. Filed Oct. 23, 1924. Serial No. 745,329. 2 Claims. (Cl. 79—2.)



1. The method of forming an article comprising a head and a hollow shank consisting in subjecting a rod-like blank to the action of heading dies and only partially forming the head and subjecting the shank portion of the blank to the action of a plunger while the heading dies are closed and displacing the metal from the center of the shank and causing it to flow into the head to thereby complete the head.

1,570,325. FUEL GASIFIER FOR KITCHEN RANGES AND THE LIKE. FRIEDRICH ALLENDORF, Frankfort-on-the-Main, Germany, assignor to Jacob Rosenberg, New York, N. Y. Filed Aug. 18, 1923. Serial No. 658,111. 2 Claims. (Cl. 110—24.)



1. The combination of a fire-box, a retort mounted therein comprising a closed chamber having a lateral discharge orifice near one end, a nozzle in said orifice

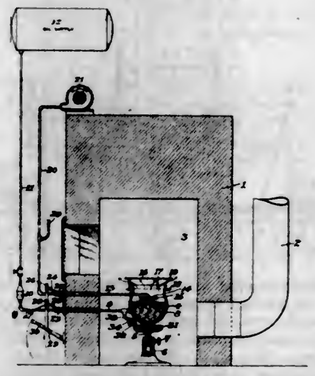
for directing gases generated in the chamber towards the opposite end of said retort, and an auxiliary retort in said fire box mounted in the path of the gases issuing from said nozzle.

1,570,326. COMBINED HAND-BAG FRAME AND VANITY CASE. RALPH C. BANGS, Providence, R. I. Filed Dec. 12, 1923. Serial No. 680,119. 1 Claim. (Cl. 150—29.)



A combined hand bag frame and casing comprising a pair of hingedly related jaws, each formed of two spaced apart sections, a casing interposed between the spaced apart ends of the sections of one of the jaws, a bridge band interposed between the spaced apart ends of the sections of the other of the jaws and a shoulder carried by the casing and adapted to cooperate with the bridge band to support the casing when the jaws are in closed position.

1,570,327. OIL-BURNING APPARATUS. JAMES J. BARRETT, White Plains, N. Y., assignor to Barrett Blue Blaze Burner Co., Inc., a Corporation of New York. Filed Jan. 9, 1924. Serial No. 685,165. 6 Claims. (Cl. 158—92.)



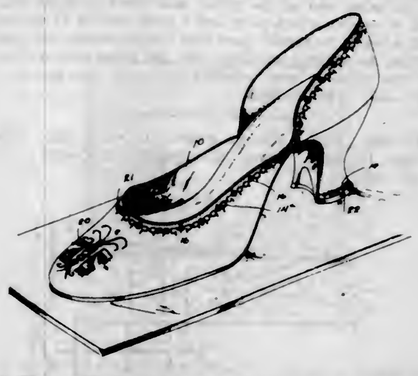
1. A burner of the class described, comprising in combination, a receptacle adapted to hold a quantity of liquid fuel, means located beneath said receptacle for maintaining a quantity of liquid fuel, which when ignited is employed to heat the body of liquid fuel within said receptacle, a baffle plate surmounting said receptacle, and spaced from the upper open end thereof, means for discharging air, steam or other fluid against the surface of the liquid fuel within said receptacle, said means for discharging said fluid, being partially located within said burner, so that the fluid will be preheated before it is discharged into the burner, and means for simultaneously controlling the flow of liquid fuel and fluid into said burner.

1,570,328. METHOD FOR STERILE PRESERVATION OF DOSED MEDICAMENTS AND OF THEIR SOLVENTS. EMIL BAUMGART, Falkenberg, Germany. Filed Jan. 29, 1925. Serial No. 5,670. 3 Claims. (Cl. 128—272.)



1. A method for the separate sterile preserving of dosed medicaments and dosed liquids in ampullæ or similar receptacles for the production of sterile solutions or sterile mixtures to be injected into the human or animal body or for other purposes, consisting in carrying out the inspissation of the medicament in special receptacles of convenient shape, and in storing there receptacles in a sealed ampulla from which they can be readily removed.

1,570,329. ORNAMENTATION OF LEATHER. MARY E. BENDELARI, Paris, France. Filed Aug. 10, 1925. Serial No. 49,393. 8 Claims. (Cl. 41—26.)

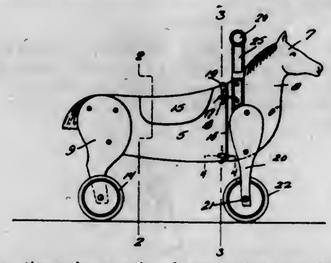


1. The method of ornamenting a leather shoe or slipper which comprises outlining a design on and thru the skin surface of the leather and applying a coating of enamel paint to the surface of the leather which adheres thereto and overlaps into the design, whereby the enamel coating is anchored to the leather.

1,570,330. TOY. LOUIS L. BOYED, Toledo, Oreg. Filed Mar. 24, 1925. Serial No. 17,991. 1 Claim. (Cl. 208—165.)

In a toy of the class described, an elongated body formed in sections, the rear section being much larger than the front section, said rear section being provided at the forward edge with a pair of recesses, a pair of eye fasteners engaged with the rear edge of the front section, and adapted to extend into the recesses, fastening elements passing through the recesses and through

the eyes located therein, a pair of legs depending downwardly from the forward section, an axle bar extending between the lower ends of the two legs, a wheel jour-



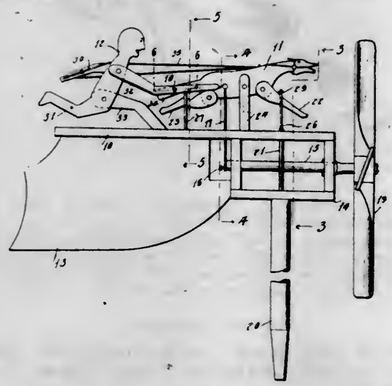
naled on the axle, a pair of supporting legs depending from the rear end of the rear section, a cross beam connecting the lower ends of the rear legs, and wheels journaled on the ends of the beams.

1,570,331. LOCK CASING. KARL A. BRAUNING, Stamford, Conn., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Filed July 29, 1924. Serial No. 728,916. 2 Claims. (Cl. 70—16.)



1. The combination with the body portion of a lock casing having a cover plate receiving portion at one end and a groove and a seat at the other end, of a cover plate adapted at one end to engage said receiving portion at one end of the casing and rest upon the shoulder at the other end of the latter, said cover plate having a seat to receive a lock part, and a lever pivoted at one end and adapted to extend past said last-mentioned seat and having an opening normally over the latter, the free end of the pivoted lever adapted to enter the groove in one end of the casing.

1,570,332. TOY. KINSEY BROWN, Crisfield, Md. Filed Apr. 12, 1924. Serial No. 706,132. 3 Claims. (Cl. 46—40.)

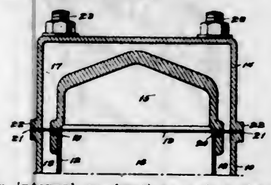


1. A figure toy comprising a base, a figure in simulation of an animal having its body pivotally supported above the base, legs pivotally secured to the body and extending forwardly and rearwardly therefrom respectively, means to support said legs to hold them extended, a shaft suitably journaled, and a pitman connecting said shaft and body to rock the latter.

1,570,333. PROCESS FOR THE PRODUCTION OF CATALYZERS FOR THE SYNTHESIS OF AMMONIA. IVAR WALFRID CEDERBERG, Berlin-Steglitz, Germany, assignor to Norsk Hydro-Elektrisk Kvaelstofaktieselskab, Christiania, Norway. Filed July 14, 1924. Serial No. 725,896. 2 Claims. (Cl. 23—237.)

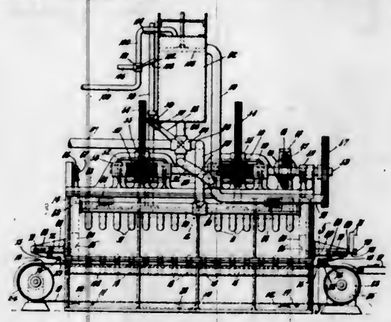
1. Process for the production of catalyzers for the synthesis of ammonia consisting in mixing compounds of metals of the iron group with cyanides in a medium of liquid, anhydrous ammonia, freeing the mixture from a surplus of ammonia and heating it in a non-oxydising atmosphere.

1,570,334. GASKET FOR PRESSURE CONTAINERS. ROLAND CHILTON, Keyport, N. J., assignor to Aeromarine Plane & Motor Company, a Corporation of New York. Filed Sept. 15, 1921. Serial No. 500,806. 11 Claims. (Cl. 123—173.)



7. In an internal combustion engine, the combination of a cylinder and a bolted-on head, a ductile explosion sealing ring disposed between the cylinder and head adapted to distort under and when in distorted condition to sustain the bolting up pressure and a compressible gasket disposed between the cylinder and head offset from the first named ring and adapted to be compressed therebetween without intentionally resisting the bolting-up pressure.

1,570,335. MACHINE FOR MAKING WALL BOARD, ETC. HENRY B. COBB and HARRY W. COBB, Malden, Mass. Filed Nov. 19, 1924. Serial No. 750,834. 18 Claims. (Cl. 25—42.)

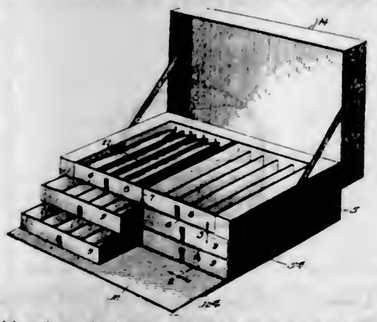


1. A sheet-forming machine comprising a bed having passages for upward drainage, extending through said face and from the bed and having a rigid pressing face and passage for upward drainage, extending through said face to the upper face of the platen, and a porous conveyor belt, one stretch of which is interposed between the bed and the platen, means being provided for conducting the upward drainage from the upper face of the platen.

1,570,336. DISPLAY CONTAINER. GARDNER L. CONLEY, Chicago, Ill., assignor to Standard Oil Company, Whiting, Ind., a Corporation of Indiana. Filed Dec. 10, 1924. Serial No. 754,966. 1 Claim. (Cl. 206—44.)

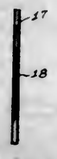
A display container for candles of box-like form with an open top, reinforcing strips extending partly up the sides of the container, partitions extending horizontally

and vertically of the container and forming compartments therein, drawers slidable in said compartments, the top tier of said drawers being partitioned to form compartments for the individual articles to be displayed, a cover hingedly secured to the box and having depending sides adapted to rest on the reinforcing strips on the sides of the box when the cover is closed, a front-forming mem-



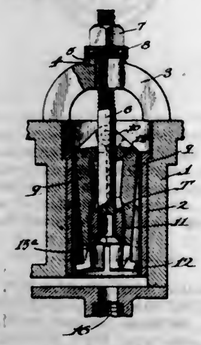
ber hinged to the bottom of the box and adapted to be turned up to close the front of the box with its outer free edge extending within the cover when the latter is closed, those portions of the upper side edges and the rear of the box being of relatively greater thickness than the remainder of the body of the box whereby to give increased strength to the structure and to enhance the attractiveness of the display.

1,570,337. DIAPHRAGM FOR TELEPHONE RECEIVERS. PALMER J. COOK, Southfield, Mass. Filed Mar. 23, 1925. Serial No. 17,667. 3 Claims. (Cl. 179—181.)



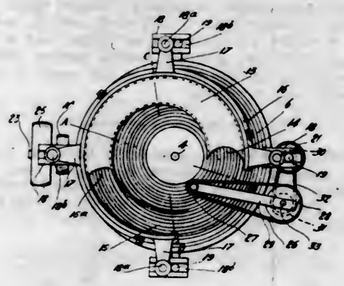
2. A diaphragm for a telephone receiver or amplifier unit consisting of a disc of thin sheet rawhide in combination with iron.

1,570,338. DEVICE FOR REMOVING PUMP LINERS AND VALVE SEATS. BERNARD H. DAVIS, Fullerton, Calif., Filed Apr. 12, 1923. Serial No. 631,739. 5 Claims. (Cl. 29—88.2.)



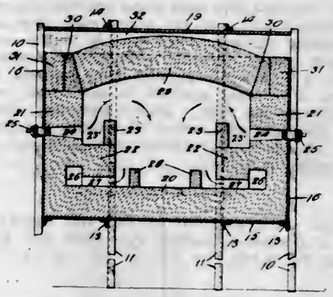
1. A puller comprising a drawbar, a grapple formed of swinging elements disposed about the drawbar, a head formed upon the drawbar, there being tapered and straight surfaces formed upon the interior of said elements, and means for pulling the drawbar causing said head to engage said tapered surfaces to expand said swinging elements and then to engage the straight surfaces, whereby the grapple may be pulled by the drawbar without further expanding said elements.

1,570,339. DOUGH-MOLDING MACHINE. CHARLES DAWSON DILLEY, Plymouth, England. Filed Sept. 19, 1925. Serial No. 57,400. 23 Claims. (Cl. 107—9.)



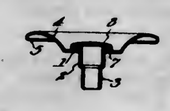
1. In a dough molding machine, a rotatable table, a substantially annular former supported over the table and means for moving the former transversely to the axis of the table so that the rotation of the table and movements of the former will cause the dough to travel along the former and to be molded and delivered therefrom.

1,570,340. FURNACE. HARRY H. DODGE, Buffalo, N. Y. Filed Oct. 30, 1923. Serial No. 671,786. 2 Claims. (Cl. 263—43.)



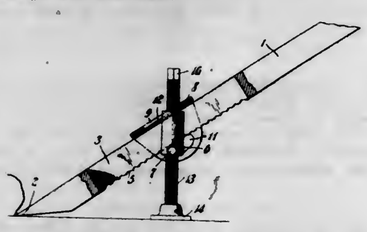
2. A furnace as characterized, comprising oppositely disposed parallel side walls, a lower flat hearth wall, and an upwardly arched top wall, continuous inwardly thickened lateral portions formed on the lower sides of each said wall full length thereof, continuous vertical baffle members disposed longitudinally of the furnace along the inner edges of said inwardly thickened portions whereby to form with the inner faces of said side walls combustion chambers said side walls being provided with burner openings extending transversely therethrough and in communication with said combustion chambers, an outlet flue disposed longitudinally through the side walls in the bottom portions thereof, said bottom portions of said side walls being provided with lateral flues communicating from the interior of the furnace to said outlet flue on the hearth, and vertical baffle members arranged longitudinally in the furnace in front of said lateral flues and on the hearth wall to provide work supporting members.

1,570,341. EYELET BUTTON. LEWIS M. DOWD, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Sept. 18, 1925. Serial No. 57,173. 2 Claims. (Cl. 24—95.)



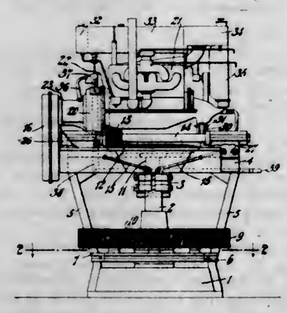
1. An eyelet button, comprising a flanged eyelet, having a shank to engage with a buttonhole and an end to be upset to attach the button to an article, and a buttonhead provided with a closed central portion underlying and overlying the flanged end of the eyelet to connect the eyelet and buttonhead.

1,570,342. CROWBAR. ROBERT A. DRESSER, Bradford, Pa., assignor of one-fourth to Leland Jones, Miles, Ohio, and one-fourth to John Martin Kelly, Pittsburgh, Pa. Filed Apr. 24, 1925. Serial No. 25,494. 6 Claims. (Cl. 254—130.)



4. The combination with a crowbar, of a fulcrum comprising a block, adjustable longitudinally with respect to the bar, said bar and block being provided the one with a corrugated face and the other with pivot portions for engaging said corrugated face, to provide a pivotal connection and to hold said parts against relative movement in a direction longitudinally of the bar, a screw engaging a threaded aperture in said block, and provided at one end with a ground engaging portion and at the other end with means for rotating the screw and means for retaining the block in its adjusted position with respect to the bar.

1,570,343. PUMPING POWER FOR OIL WELLS. ROBERT A. DRESSER, Bradford, Pa. Filed Aug. 21, 1925. Serial No. 51,721. 12 Claims. (Cl. 74—14.)



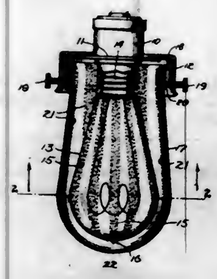
1. In a pumping power mechanism, the combination with an eccentric and an eccentric strap, provided with means for attaching pumping rods or cables thereto, a prime motor for driving the eccentric mounted above the same, and gearing connecting the prime motor with the eccentric.

1,570,344. SANITARY RECEPTACLE. ALBERT EDWARDS, Bridgeport, Conn. Filed Mar. 29, 1924. Serial No. 702,762. 7 Claims. (Cl. 215—63.)



1. A sanitary receptacle comprising a bowl having an opening, a pivotally mounted cover having its inner surface contiguous to the edge of said opening and describing an arc about the pivotal axis of said cover, whereby it is adapted to be moved in one or the other directions from its medial closing position to a position to expose said opening, and being freely movable in its open position with respect to the edge of said opening to its medial closing position, and means adapted to automatically return the same from its moved open position to its normal medial closing position upon release.

1,570,345. ELECTRIC-LIGHT GLOBE. ABRAHAM L. ELIASOFF and CHARLES BIRNBAUM, New York, N. Y. Filed Jan. 6, 1923. Serial No. 610,992. 1 Claim. (Cl. 240—100.)



An electric light bulb comprising alternate longitudinal transparent and translucent portions; and a globe fitting over said bulb comprising alternate longitudinal transparent and translucent portions, said globe being supported for movement around said bulb so that the translucent or transparent portions of said globe will overlie the transparent or translucent portions of said bulb.

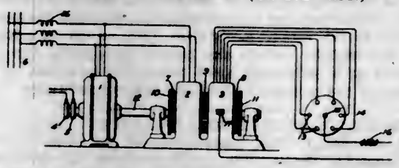
1,570,346. STORAGE RECEPTACLE FOR SUBSTANCES EASILY DECOMPOSABLE IN SOLUTIONS. MARTIN HAHN, Berlin, Germany, assignor to M. Woelm A. G., Spangenberg, Germany. Filed Mar. 28, 1923. Serial No. 628,391. 2 Claims. (Cl. 128—272.)

1. A sealed glass container comprising two individual ampules, containing respectively two substances of which the mixture is unstable in composition, a capillary glass tube connecting said two individual ampules with each



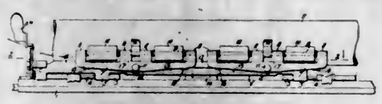
other, and a closing medium made of a material fusible at a temperature between 45 and 100 degrees centigrade, arranged within said capillary glass tube.

1,570,347. CONVERTER SYSTEM. HENRY M. HOBART, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Mar. 17, 1922. Serial No. 544,553. 7 Claims. (Cl. 172—281.)



5. The method of converting commercial alternating current into direct current which consists in simultaneously transforming the phase, frequency and voltage of said alternating current to an alternating current of a higher frequency and phase and a voltage suitable for rectification, by means of rotating apparatus, symmetrically supplying said transformed alternating current to the anodes of a polyphase vapor rectifier, and drawing off direct current from a common cathode of said rectifier and a neutral voltage point in the transformed alternating current system.

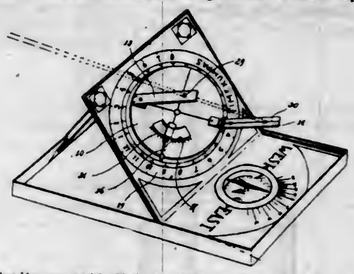
1,570,348. TYPEWRITING MACHINE. JOSEPH B. HOLDEN, Syracuse, N. Y., assignor to Remington Typewriter Company, Ilion, N. Y., a Corporation of New York. Filed July 1, 1924. Serial No. 723,489. 7 Claims. (Cl. 197—138.)



1. In a typewriting or like machine, the combination of a feed roller, a carrier on which the feed roller is mounted, a support on which the carrier is mounted and which is connected to said carrier intermediate the ends thereof, and guide fingers which co-act with said carrier on opposite sides of its points of connection with said support to guide the carrier in its relative movement in one direction but prevent a canting movement thereof into a skewed position.

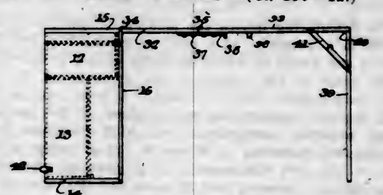
1,570,349. COMBINATION TIME INDICATOR AND SIGHTING COMPASS. GEORGE HOLLINWOOD, Cranford, N. J. Filed Jan. 20, 1923. Serial No. 613,804. 14 Claims. (Cl. 33—62.)

1. A device of the class described, comprising in combination, a compass, a dial rotatably supported adjacent thereto and having its axis of rotation in the north-south line of said compass, a pair of arms disposed



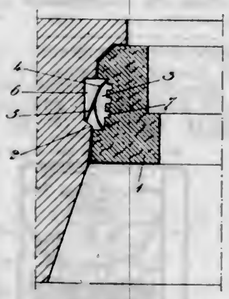
diametrically on said dial, a plate having a scale located adjacent said dial, and a pointer on said dial adapted to read on said scale.

1,570,350. COMBINED BOX AND TABLE. EDWARD N. HOWELL, Asheville, N. C. Filed Oct. 13, 1924. Serial No. 743,266. 6 Claims. (Cl. 190—12.)



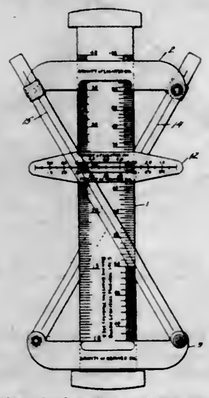
5. A device of the character described comprising, a box having one side open, an intermediate top section hinged to the upper portion of the box and adapted to be folded over the top of the same toward the open side thereof, an outer top section hinged to the intermediate top section in the manner to permit the same to swing downwardly from the folded top section to cover the open side of the box, and means for substantially rigidly supporting the top sections when in the open position extending from said box.

1,570,351. METHOD AND ARRANGEMENT FOR FASTENING WINDOW AND DOOR FRAMES. VALTER KONSTANTIN HULTIN, Stockholm, Sweden. Filed Sept. 16, 1924. Serial No. 737,964. 3 Claims. (Cl. 20—11.)



1. A device of the character described, comprising in combination, a wall having an opening therein, a frame adapted to fit in said opening, said frame and wall having depressions adapted to be brought into alinement when the frame is in position in the opening, and a resilient member distortable into engagement with the two end walls of one of said depressions thereby to retain it in the depression and having a portion extending into the other depression thereby to lock the frame in said wall.

1,570,352. CALCULATOR. ELBERT C. ISOM, Garden City, N. Y. Filed Oct. 19, 1925. Serial No. 63,353. 2 Claims. (Cl. 235—61.)

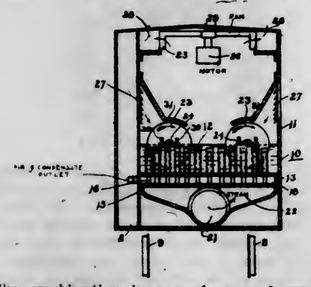


1. A calculating device for making computations with respect to a property of a mixture containing two components the value of which property is not proportional to the mean of the values of the property of the separate components, which comprises a body portion carrying a scale terminating with values of the property of two separate components and with divisions therebetween corresponding to values of the property of mixtures of the two components in proportions equivalent to the distance between each division and the terminals of the scale, a pair of slides movable on the body portion each carrying an indicator moving over the scale and a pivot, another slide movable on the body portion carrying a scale with uniform divisions transverse to the scale on the body portion and an indicator moving over the scale on the body portion, and an indicator moving over the scale on the last mentioned slide and carried by the pivots on the first mentioned slides.

1,570,353. METHOD OF PRODUCING ALUMINA. RUDOLF JACOBSSON, Kagerod, Sweden. Filed Aug. 25, 1924. Serial No. 734,119. 5 Claims. (Cl. 23—142.)

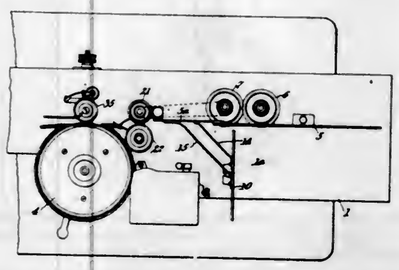
1. Method of producing alumina, comprising vaporizing the water of crystallization from hydrous aluminum sulphate without fusing the salt, and then heating the anhydrous sulphate to such temperature that the sulphuric acid is driven off, the remaining product being alumina of high porosity.

1,570,354. LOCOMOTIVE SURFACE CONDENSER. ALEXANDER T. KASLEY, Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 31, 1920. Serial No. 434,364. 5 Claims. (Cl. 257—39.)



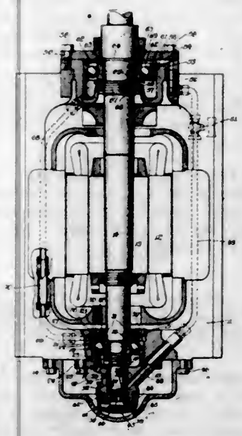
1. The combination in a surface condenser having a plurality of tubes arranged in rows and adapted to receive a fluid to be condensed, of a chamber for containing a pool of cooling water in which said tubes are immersed and a plurality of rotatable discs extending between the adjacent rows of tubes, their lower portions being immersed in the pool of water.

1,570,355. STAMP-CANCELING MACHINE. JOSEPH OMER LAMOUREUX, Montreal, Quebec, Canada. Filed May 23, 1922. Serial No. 563,147. 4 Claims. (Cl. 101—232.)



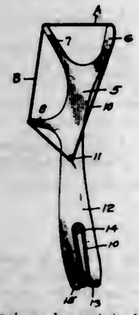
1. A stamp-canceling machine, comprising a rotary stamp-canceling mechanism, means for driving the rotary mechanism at a definite peripheral speed, transfer rollers in advance of the rotary mechanism, means for driving the transfer rollers at substantially the same peripheral speed as the rotary mechanism, feed rollers in advance of the transfer rollers and means for driving the feed rollers at a peripheral speed materially in excess of the speed of the transfer rollers and rotary mechanism.

1,570,356. LUBRICATING APPLIANCE. FRANKLIN L. LANE, Beloit, Wis., assignor to P. B. Yates Machine Company, Beloit, Wis., a Corporation of Wisconsin. Filed June 3, 1922. Serial No. 565,771. 4 Claims. (Cl. 308—168.)



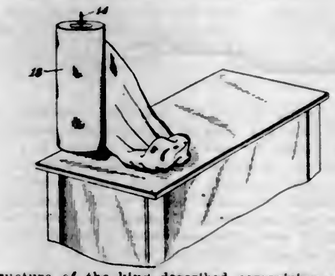
1. In a lubricating system of the character described, the combination of a shaft having an open-ended passage extended outwardly from an end of the shaft through a side thereof, whereby to discharge its contents under the action of centrifugal force, a bearing for said shaft, a stationary member bearing on the end of said shaft and having a channel therethrough communicating with said shaft passage, means to supply lubricant to said channel, a spring pressing said member against the end of said shaft, and mean to conduct the lubricant expelled from said shaft passage to said shaft bearing.

1,570,357. DENTAL TOOTHPICK. WILLIAM F. LAWRENZ, Long Beach, Calif. Filed July 12, 1924. Serial No. 725,740. 3 Claims. (Cl. 132—92.)



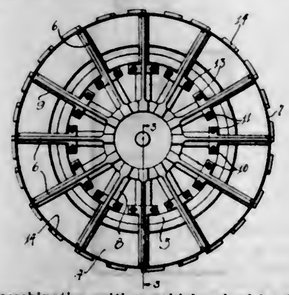
1. A tooth cleansing element to be passed between the teeth, comprising a strip of flexible rubber carrying abrasive material and a relatively stiff element attached to one end of the strip and adapted to be passed between the teeth to lead the strip between the same.

1,570,358. HOLDER FOR ROLLED MATERIAL. PHILIP LEVINE, Brooklyn, N. Y. Filed Mar. 31, 1925. Serial No. 19,718. 1 Claim. (Cl. 242—61.)



A structure of the kind described comprising a generally U shaped bracket adapted for horizontal attachment to a support, and a detachable vertical spindle extending through both arms of the bracket, said spindle having a transverse roll supporting guard at its lower portion.

1,570,359. ANTISKID ATTACHMENT FOR AUTOMOBILE WHEELS. HENRY BENNARD LINDHORST, Springfield, Mo. Filed June 29, 1925. Serial No. 40,315. 2 Claims. (Cl. 301—44.)



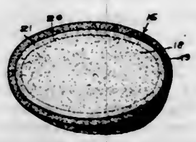
1. The combination with a vehicle wheel having spokes, a felly, and a tire mounted thereupon, of a substantially broad annular tread member arranged for disposal about and concentric with the tire on said wheel, and means including members conforming in contour to the spokes of the wheel for partially encompassing the spokes of the wheel, and clamping members associated with the spoke engaging members for securing the rim against unintentional removal from the wheel.

1,570,360. PORTABLE LOADER. GEORGE E. LIPPOLDT, Kinsley, Kans. Filed Jan. 10, 1925. Serial No. 1,669. 7 Claims. (Cl. 198—79.)



1. A portable loader comprising a wheeled frame adapted to be positioned over a stack of grain, an inclined conveyor at the forward end of the frame for delivering the grain deposited thereon to a thresher, and means extending longitudinally on said frame for feeding the grain from the stack onto said conveyor.

1,570,361. VIOLIN CHIN REST. STEPHEN J. WALLACE, Logansport, Ind., assignor of one-half to Jerry Lynch, Logansport, Ind. Filed July 2, 1924. Serial No. 723,799. 10 Claims. (Cl. 84—279.)



1. A chin rest for a violin or the like, comprising a supporting frame formed with an inwardly opening encompasing groove and spaced encompassing flanges, a pad of yieldable material having a reduced portion to enter the inwardly opening groove of the supporting frame and an encompassing groove to receive one of the flanges of the same.

1,570,362. BACHELOR BUTTON. FRANK E. WARNER, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Jan. 5, 1925. Serial No. 632. 4 Claims. (Cl. 24—110.)



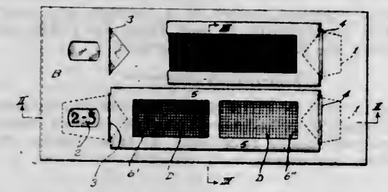
1. A bachelor button, of the separable type, having a button-head provided with a single central aperture, and an axially movable clutch arranged in said head and provided with resilient tack-engaging fingers, and also provided with other fingers engaging the head next to said aperture to permit longitudinal movement of the clutch and prevent its escape from the button-head.

1,570,363. FASTENER. FRANKLIN R. WHITE, Waterbury, Conn., assignor to The Patent Button Company, WaterBury, Conn., a Corporation of Connecticut. Filed Oct. 27, 1925. Serial No. 65,164. 2 Claims. (Cl. 24—99.)



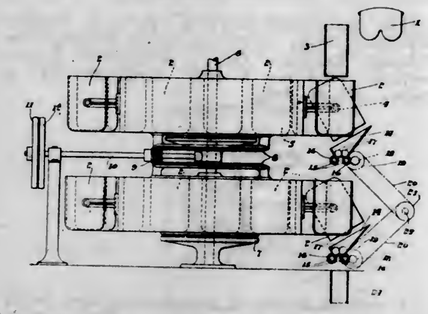
1. A fastener comprising a rivet and burr, the said burr having a hollow hub and a rim at its one end, the length of the rivet being greater than the depth of the hub, and the said rivet and burr headed to stunt the rivet and to contact the burr just above the rim and to cause the rivet to be contracted near its lower end and force the displaced metal of the rivet into a solid bulbous end completely filling the former space within the hollow hub.

1,570,364. SAMPLE TAB. JOE WIENER, New York, N. Y. Filed Jan. 22, 1925. Serial No. 3,964. 2 Claims. (Cl. 211—34.)



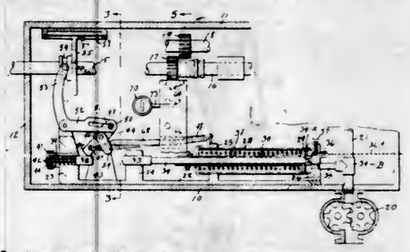
1. A sample tab, comprising an ear-ended mount of flexible material, the body-portion of which has a window; an underlying inturned flap at the edge of said body portion; an inner stretcher of flat material; in combination with a textile sample adapted to be folded about the said stretcher and to lie between said stretcher and said body-portion having said window, with said flap clamping the said sample against said stretcher and said pody-portion, whereby a smooth partially protected display of said sample through said window is made.

1,570,365. PREPARATION OF DOUGH FOR THE MAKING OF BREAD. JAMES ELLIOTT WILSON, SAMUEL MCCONNELL, and CAMPBELL BROWN, Belfast, Ireland. Filed Mar. 20, 1925. Serial No. 17,034. 5 Claims. (Cl. 107—7.)



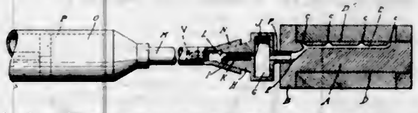
1. Means for handling dough comprising a plurality of sets of troughs for the dough; means for discharging the dough from a trough of one set into a receptacle of the other set, and means intermediate the sets of troughs for effecting braking of the dough.

1,570,366. AUTOMOBILE LOCK. ARTHUR M. WISWELL, Portland, Oreg. Filed Oct. 23, 1924. Serial No. 745,338. 2 Claims. (Cl. 70—90.)



2. An automobile lock having in combination a transmission lock, and a lock actuating device adapted to lock said lock when the engine is stopped, said actuating device consisting of a cylinder; a piston in said cylinder; pipes for supplying oil to said cylinder from the oil pump of the motor, said piston having connections to said lock adapted to lock the transmission gears when said oil pump ceases to function.

1,570,367. SHACKLE-BOLT-OILING DEVICE. CARL FRED WOLF, Chicago, Ill. Filed July 26, 1923. Serial No. 653,979. 3 Claims. (Cl. 308—120.)



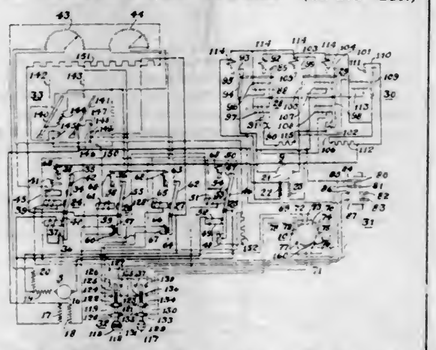
1. An oiling device for bearings comprising an oil reservoir having a reduced threaded pipe connection on one side thereof for securing said reservoir to a bearing, said reservoir having a conical shaped extension on the opposite side from said threaded pipe connection, said conical shaped extension having a bore extending from the outer end thereof and communicating with the reservoir, and a spring pressed valve disposed within said bore for normally closing the bore.

1,570,368. DECORATING GLASS SURFACES. CHARLES C. ZEH, North Hackensack, N. J., assignor to Zeh Incorporated, a Corporation of New Jersey. Filed Nov. 3, 1922. Serial No. 598,758. 8 Claims. (Cl. 49—82.)



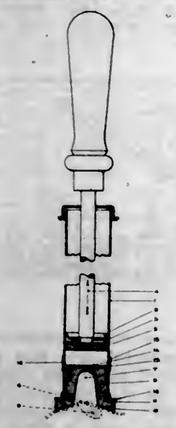
1. In the art of fixing designs to a transparent glass object, the process which consists in placing a decalcomania of the design on the front side of a sheet of opal glass, causing the rear side of the opal glass to adhere temporarily to the transparent glass object and subjecting the two glasses to a heat treatment to cause the opal glass to adhere by fusion to the glass object.

1,570,369. CONTROL SYSTEM. HAROLD L. BLOOD, North Plainfield, and ROBERT C. DEALE, Plainfield, N. J., assignors to Niles-Bement-Pond Company, New York, N. Y., a Corporation of New Jersey. Filed Aug. 25, 1923. Serial No. 659,364. 14 Claims. (Cl. 172—240.)



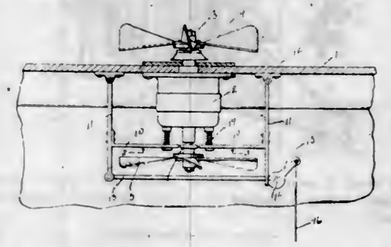
1. In a control system for a machine tool, the combination with a reciprocating member, a main motor for operating said reciprocating member, a cutting tool, and a feed motor for operating the cutting tool with respect to the reciprocating member, of means comprising a portable switch mechanism having one switch member for controlling the operation of the main motor at will and having a second switch member for controlling the operation of the feed motor at will.

1,570,370. SUCTION APPARATUS. LAUST BRODERSEN, Jutland, and MAX EDLEF STEPPINGE, Copenhagen, Denmark. Filed Aug. 22, 1922. Serial No. 583,673. 1 Claim. (Cl. 128—297.)



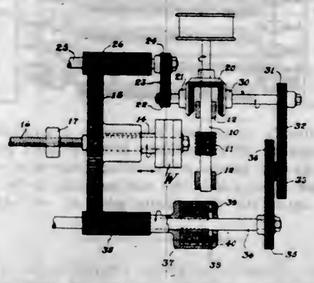
An apparatus for removing hypodermal larvæ from boils on cattle, comprising a cylinder, a piston in said cylinder, an applicator including a cylindrical body of soft rubber fitted tightly within the suction end of the cylinder and having an inwardly extending and tapering recess of relatively narrow diameter, a relatively wide conical mouth continuing from the recess and adapted to tightly encircle the boil in such manner that the opening of the boil is disposed within the recess, the body being also provided with an opening establishing communication with the cylinder, a pressure valve coacting with said opening and adapted to be opened on the outward stroke of the piston, the end of the piston being in contact with the inner end of the applicator when the piston is in its inner position, and valves in the cylinder opening on the inward stroke of the piston.

1,570,371. VENTILATING FAN. WILLIAM BUCCUTO, Salem, N. J. Filed May 19, 1924. Serial No. 714,369. 2 Claims. (Cl. 98—18.)



1. In ventilating apparatus for motor vehicles, a vertical shaft extedning through the top of the vehicle, fan blades on the inner ends of said shaft, propeller blades on the outer end of said shaft, rotatable by the action of the air in the travel of the vehicle to rotate the fan blades within the vehicle, a housing fastened to the under side of the top of the vehicle and encasing the major portion of said shaft and a motor within said housing connected to said shaft to drive the latter independently of said propeller blades.

1,570,372. LOST-MOTION-COMPENSATING MEANS FOR GEAR-HOBBING MACHINES. EARLE BUCKINGHAM, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed Oct. 12, 1922. Serial No. 594,150. 11 Claims. (Cl. 90—4.)

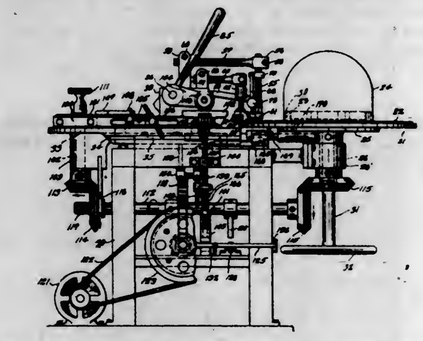


1. A gear hobbing machine having cooperating mechanism comprising, a work supporting and rotating spindle, a rotatable hob supporting means, a hob thereon, driving means for said hob and spindle, two driving connections between said hob and spindle, and means to axially advance the work spindle during operation.

1,570,373. SOFT-HAT-ROUNDING MACHINE. FRANK C. CRAW, South Norwalk, Conn., assignor to Turner Machine Company, Incorporated, Danbury, Conn., a Corporation of New Jersey. Filed June 30, 1924. Serial No. 723,329. 15 Claims. (Cl. 223—24.)

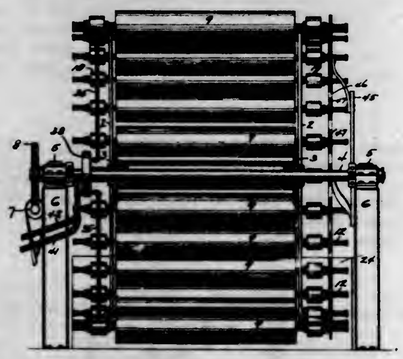
1. In a hat trimming machine, a rotary holder for the hat to be trimmed, means for rotating the holder, guid-

ing means for the hat brim, a trimming knife associated with said guiding means, a rotatable feed wheel adjacent said guiding means arranged to engage the brim



and feed it past the guiding means, and means carried by said wheel engaging the rotary holder to rotate said wheel.

1,570,374. FILTERING APPARATUS. PAUL H. CRAWFORD, Palo Alto, and JOHN F. ABBEMA, Oakland, Calif. Filed Mar. 31, 1921. Serial No. 457,249. 18 Claims. (Cl. 210—201.)

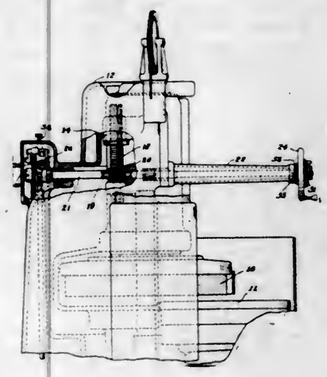


2. A filtering apparatus, comprising a rotatable carrier, a plurality of independent filtering units journaled on said carrier, means for rotating said units on said carrier and a receptacle for the material to be filtered through which the filter units pass as the carrier is rotated.

1,570,375. PROCESS FOR PRODUCING PHOTOGRAPHS IN NATURAL COLORS ON PAPER. HERMANN DIERNHOFER, Grossschoenau, Germany. Filed Jan. 14, 1925. Serial No. 2,459. 9 Claims. (Cl. 41—21.)

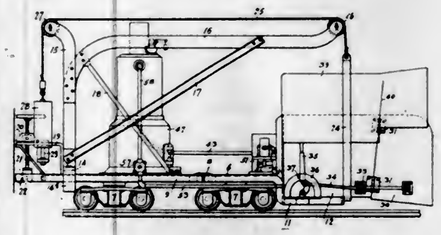
1. The process for producing colored photographs on a sheet by transferring dissolved colors one after the other from several printing plates each provided with a gelatinous layer to a sheet provided with a receiving gelatinous layer by placing the sheet on the printing plate layer on layer after protecting the color of the print already applied to the sheet against being impaired, by then shifting the sheet on the plate until exact register of the outlines of the sheet and plate is reached, before there is any chance of the color being transferred to said sheet, and by printing afterwards in the usual manner.

1,570,376. WHEEL FEEDING AND ADJUSTING MEANS FOR GRINDING MACHINES. JOHN A. DOANE, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Original application filed May 31, 1923, Serial No. 642,613. Divided and this application filed June 22, 1923. Serial No. 647,118. 9 Claims. (Cl. 51—165.)



1. A feeding mechanism for the wheel head of a grinding machine comprising in combination, a rotatably mounted screw engaging the wheel head so that rotation of the screw is adapted to vary the position of the wheel head, a shaft, means connected to said shaft whereby it may rotate the screw, a reciprocatory actuating rod for said feeding mechanism, means connecting said actuating rod with said shaft, electro-magnetic means rendering said connecting means operative, and means for de-energizing said electro-magnet to render said connecting means inoperative.

1,570,377. SNOW-REMOVING APPARATUS. EDWARD L. DUNKLE, East Brady, Pa. Filed Aug. 28, 1925. Serial No. 53,058. 5 Claims. (Cl. 37—14.)



1. Snow-removing apparatus, comprising a vehicle, a frame pivotally supported upon said vehicle, a scoop carried at the forward end of said frame and having a rear wall, means for adjusting said frame about said pivot, a boiler mounted upon said vehicle, heating pipes mounted within said scoop, a steam line connecting said boiler and said heating pipes, a combustion heater mounted in said scoop and adjacent to the rear wall thereof, means for supplying fuel to said heater from a point rearwardly of said wall, a second series of heating pipes in the scoop, a pipe connection between said boiler and said combustion heater, and a connection between said combustion heater and said second series of heating pipes.

1,570,378. VEHICLE BRAKE APPARATUS. GEORGE A. EVANS, Glendale, Calif. Filed July 26, 1922. Serial No. 577,543. 6 Claims. (Cl. 188—154.)



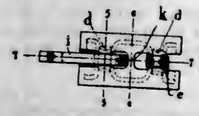
1. In a brake apparatus for motor vehicles, the combination of a spring-returned brake mechanism, brake operating mechanism including a cylinder having a piston, means for varying the pressure in the cylinder including a control device having a valve to establish communication between the control device and the cylinder to apply the brake, and another valve operating to effect the release of the brake, a spring corresponding to each valve and engaging each valve, and a manually operated member with means for imparting movement through each spring to operate its corresponding valve.

1,570,379. PRESSURE-FLUID MOTOR. GEORGE H. GILMAN, Belmont, Mass., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Mar. 28, 1916, Serial No. 87,349. Renewed Mar. 11, 1924. 39 Claims. (Cl. 121—17.)



1. A fluid motor comprising a cylinder, a piston reciprocable therein, and operating means therefor including coaxially disposed supply and exhaust passage forming means within said cylinder for the fluid acting therein and between which and said piston relative movement occurs, said exhaust passage means discharging directly to the atmosphere.

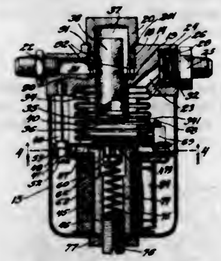
1,570,380. CHAIN BELT. ARTHUR RICHIE KEARNEY, Golders Green, and CHARLES WILLIAM TAYLOR, London, England, and THOMAS GEOFFREY LEITH, Oyne, Scotland. Filed Feb. 27, 1923. Serial No. 621,639. 8 Claims. (Cl. 74—64.)



1. A driving link for a chain-belt comprising in combination a substantially U-shaped metal frame having two side walls and a mass of resilient material integrally attached between and outside said walls, as set forth.

1,570,381. PUMP MECHANISM. JOHN M. LEA, Detroit, Mich. Filed Jan. 27, 1923. Serial No. 615,411. 20 Claims. (Cl. 103—53.)

1. In liquid pumping mechanism, the combination of an expansible chamber having a movable member, a valve controlling flow into said chamber, a supply chamber positioned to discharge liquid through said valve into said expansible chamber, and a supply conduit communicating with said supply chamber, said supply chamber arranged to contain a body of gas under sub-atmospheric pressure whereby suction is exerted upon said supply conduit during and after the closure of said valve.



1,570,382. VANITY BOX. ANKER S. LYHNE, Bridgeport, Conn. Filed July 19, 1922. Serial No. 576,099. 12 Claims. (Cl. 132—83.)

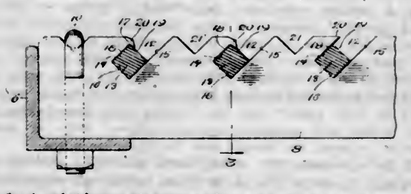


1. A vanity box comprising cover and body sections adapted for telescoping engagement, one of said sections adapted to carry a powder compact and puff, a cupped lining for the other section spaced from the inner wall of the same at its free edge to allow entrance of the free edge of the other section therebetween, said cupped lining adapted to carry a powder compact and puff, and a cover for closing said cuped lining.

1,570,383. TREATMENT OF HIDES AND SKINS FOR MANUFACTURE INTO LEATHER. DOUGLAS MCCANDLISH, Leeds, and WILLIAM REARDEN ATKIN, Heckmondwike, England. Filed July 22, 1925. Serial No. 45,377. 8 Claims. (Cl. 149—3.)

1. The treatment of hides, kips and skins for the manufacture of leather consisting in subjecting them to the action of a solution of water and an auto-digested yeast.

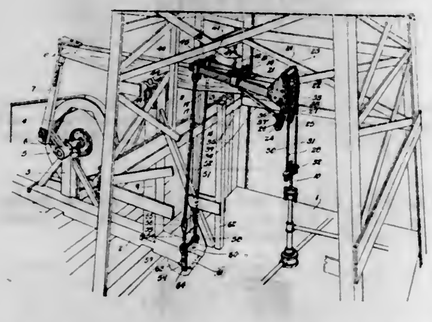
1,570,384. PLATFORM STRUCTURE. EDWARD MCCLURE, Chicago, Ill., assignor of one-half to Franklin P. Smith, Chicago, Ill. Filed Mar. 20, 1925. Serial No. 16,973. 2 Claims. (Cl. 227—5.)



1. A platform structure formed of metal bars and rods, and comprising a supporting frame, cross bars secured thereon and formed in their upper edges with spaced notches extending at an angle of approximately forty-five degrees to the upper edges of the cross bars and providing portions overhanging the notches, the sides and ends of said notches being straight and at right angles to each other, and square rods exending from bar to bar and non-rotatively seated in the lower

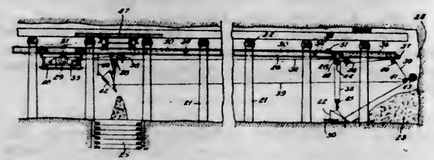
angles of said notches with one of their sharp edges uppermost and located below the upper edges of the bars, with two sides of each rod sloping down from said edge, the edge portions of the bars which overhang the rods being bent down upon the rods to fixedly secure them in place.

1,570,385. LONG-STROKE AMPLIFYING DEVICE. BENJAMIN M. MCFARLAND and MAX A. DIMMICK, Eldorado, Kans. Filed June 13, 1925. Serial No. 36,835. 11 Claims. (Cl. 74—5.)



1. In combination with the walking beam of an oil well rig, of a stroke amplifying lever pivoted intermediate its ends to the walking beam, a "mule-head" on one end of the lever, means associated with the "mule-head" for connection with the polish rod clamp of an oil well pump, and means for anchoring the rear end of the lever in fixed relation with respect to the floor of the rig.

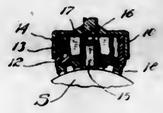
1,570,386. METHOD AND APPARATUS FOR CONDUCTING MINING OPERATIONS. JOHN D. MACCARTHY and HENRY O. MOULTON, Ishpeming, Mich. Filed July 2, 1921. Serial No. 482,162. 14 Claims. (Cl. 214—86.)



1. A mining apparatus comprising a system of overhead trackage suspended from the roof supporting timbers of the mine, a power unit supported by said trackage and adapted to travel thereon, a carrier adapted to travel on said trackage independently of said unit, a shovel-skip suspended from said carrier, and means actuated by said power unit for loading said shovel-skip at the breast and transporting said shovel skip on said carrier between the breast and the dumping point.

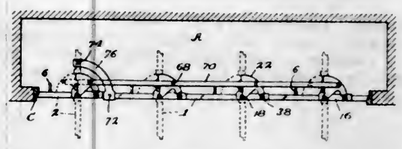
2. In apparatus for underground mining, a system of overhead trackage suspended from horizontal supporting timbers in the mine, a carrier adapted to travel on said trackage, a hoisting and traversing cable, a shovel-skip suspended from said carrier by said cable, a loading and traversing cable having a divided end connected to said carrier and said shovel-skip to cause said carrier and said shovel-skip to advance in substantially vertical alignment during the loading operation, and operating drums for each of said cables, said drums being mounted independently of said carrier.

1,570,387. HAND STAMP FOR CONVEX SURFACES. DANIEL F. MEYER, Chicago, Ill., assignor to R. D. Swischer Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Jan. 12, 1925. Serial No. 1,736. 2 Claims. (Cl. 101—379.)



1. A cushion for a hand stamp consisting of a plate having a recess in its face for the reception of movable type, and the back of said plate being provided with inner and outer legs, the inner leg being more yielding than the outer one.

1,750,388. CLASSROOM WARDROBE AND BLACKBOARD. FRANK B. MILLER, Kansas City, Mo. Filed Mar. 31, 1924. Serial No. 703,298. 12 Claims. (Cl. 45—37.)

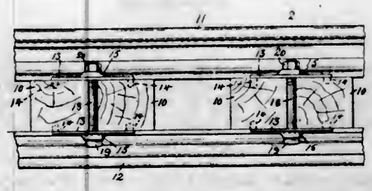


1. A wardrobe having an opening, a plurality of doors including a master door for closing said opening, levers for opening and closing said doors, a connecting-bar operably-connecting all of said levers so that the doors may be simultaneously swung to open or closed position, and mechanism associated with said levers and doors, whereby any door excepting said master door may be opened independently of the others.

1,570,389. PROCESS OF TREATING SEED HULLS AND PRODUCT. ROBERT MORGENIER, Oakland, Calif., assignor of one-sixth to Gregg A. Russell and one-half to Hugh C. Russell, both of Oakland, Calif. Filed Dec. 7, 1920. Serial No. 428,870. 2 Claims. (Cl. 92—14.)

1. The process of making paper pulp from rice hulls, which comprises cooking the hulls in a 10° Baumé solution of sodium hydroxide for about two hours, removing the liquor from the mass and beating the mass to a pulp.

1,570,390. RAILWAY RAIL AND TIE SECURING DEVICE. GEORGE W. MULLER, Washington, D. C. Filed July 9, 1925. Serial No. 42,542. Renewed Oct. 9, 1925. 15 Claims. (Cl. 238—26.)



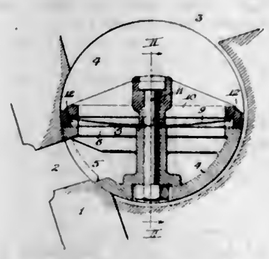
15. A bridging plate for the purpose described having a bolt aperture, rail holding means, and tie penetrating means arranged substantially in longitudinal alignment on the front portion thereof.

1,570,391. NECKTIE PRESSER. SAMUEL NEWMAN, Cincinnati, Ohio. Filed Sept. 29, 1924. Serial No. 740,562. 4 Claims. (Cl. 100—57.)



1. In a necktie presser, a curved channeled body, the channel opening radially outward of the curvature, and a flexible pressing plate hinged between the sides of the channel near one end and adapted to be bent around said curvature to the opposite end.

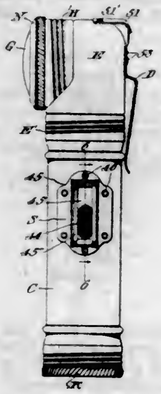
1,570,392. VALVE FOR AIR COMPRESSORS AND THE LIKE. BRUNO V. NORDBERG, Milwaukee, Wis.; Helena C. Nordberg executrix of said Bruno V. Nordberg, deceased. Filed Aug. 21, 1917. Serial No. 187,487. 6 Claims. (Cl. 251—119.)



2. A valve for air compressors and the like comprising in combination a valve seat having an elongated port; a spring plate valve resting thereon and normally covering the port; a bow shaped spring having its bowed portion contacting with the valve; and means for positioning the valve and spring in proper working position with each other and to the seat.

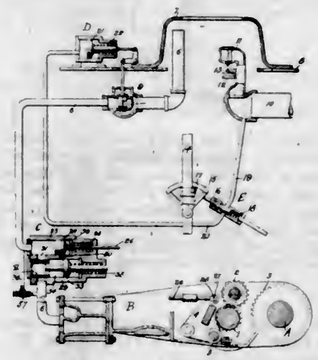
1,570,393. FLASH LIGHT. CHARLES OSEAN, Woodcliff, N. J., assignor to National Carbon Company, Inc., a Corporation of New York. Filed Dec. 26, 1923. Serial No. 682,808. 24 Claims. (Cl. 240—10.5.)

1. In a flashlight, the combination of a case having a part of its side wall indented longitudinally, current generating means in said case, a lamp in circuit with said means, a reflector cooperating with said lamp, and



mounting means for said reflector bearing against said indented part.

1,570,394. CONTROLLING MECHANISM FOR LOCOMOTIVE BOOSTER MOTORS. FRANK RICHARD PETERS, New York, N. Y., assignor to Franklin Railway Supply Company, a Corporation of Delaware. Filed Nov. 20, 1922. Serial No. 602,254. 21 Claims. (Cl. 105—48.)

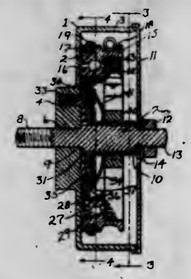


3. In a booster motor controlling mechanism, the combination of a booster motor, steam actuated booster entraining means, and means for supplying full operating steam pressure to the motor, said last two means being so constructed and arranged as to insure complete entrainment of the booster motor prior to the time that any operating steam pressure reaches the booster through said supply means.

1,570,395. SHOCK ABSORBER. BERTRAM T. PHILLIPS, Cleveland, Ohio, assignor to William H. Hughes, Cleveland, Ohio. Filed Jan. 26, 1925. Serial No. 4,702. 18 Claims. (Cl. 267—10.)

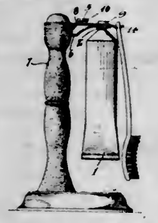
1. A shock absorber comprising in combination an annular member, two relatively movable members, the said annular member and the second of the said two relatively movable members being rotatable in either direction, the first of said two relatively movable members being rotatable in one direction only, interengaging means on the said annular member and the second

of the said relatively movable members to permit limited movement of the said members with respect to each other and to cause simultaneous movement of the two members beyond the limited amount of movement per-



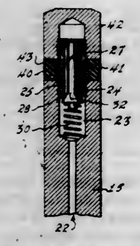
mitted by the interengaging parts, and means cooperating with the said two relatively movable members for frictionally resisting rotation of the said annular member beyond the said limited amount.

1,570,396. BRACKET. GORDON B. POLLOCK, Hollywood, Calif. Filed Sept. 11, 1923. Serial No. 662,058. 4 Claims. (Cl. 248—20.)



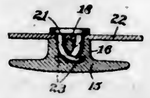
1. A bracket of the class described comprising an arm providing a cap-shaped closure provided with packing means, a resilient gripper arm extending below the closure, and gripping edges provided by the first mentioned arm and resilient gripper respectively, said gripping edges being normally yieldingly held out of alignment and adapted, by pressure upon said first mentioned arm, to be brought into alignment.

1,570,397. TIRE VALVE. CLARENCE S. PRESTON, San Diego, Calif. Filed Nov. 1, 1924. Serial No. 747,198. 3 Claims. (Cl. 152—12.)



1. In a device of the class described, a valve body provided with a small central bore, a deep counter-bore at the upper end of the body providing a spring seat at its intersection with the smaller bore, threads in said counter-bore terminating at a point appreciably above the said seat, an externally threaded nipple screwed into the bore as far as the threads permit; said body terminating at its upper end in a gasket surface, a soft gasket reposing on said surface and encompassing the nipple; the nipple extending beyond the gasket, means associated with the nipple to facilitate tightening in, or removal from, the body; the nipple providing a central bore and a valve seat at the lower end of the bore, a metallic valve stem extended through said bore and protruding from the upper end, a metallic integral enlargement to the lower end of the stem capable of seating on said valve seat, a spring compressed between said enlargement and the spring seat for holding the said enlargement up against the valve seat; the nipple and stem being devoid of means for centering the stem, and a cap having an internally threaded bore of such depth as to permit of being screwed down over the nipple to compress the gasket; the threads in the cap and bore, and the threads on the nipple, all coacting in conformance with the character of the gasket to provide for the nipple being secured to the body more firmly than it is normally possible to secure the cap to the nipple with the gasket in place.

1,570,398. BUTTON. FORREST G. PURINTON, Waterbury, Conn., assignor to The Patent Button Company, Waterbury, Conn., a Corporation of Connecticut. Filed Dec. 9, 1924. Serial No. 754,772. 9 Claims. (Cl. 24—94.)



1. A one piece button head formed of relatively soft metal, a staple adapted to be forced bodily within the rear of the button head, and the prongs of said staple anchored and distorted throughout their length within the head of said button to thereby lock the head with respect to the staple.

1,570,399. SEAL OR TAG FOR MEATS. FORREST G. PURINTON, Waterbury, Conn., assignor to The Patent Button Company, Waterbury, Conn., a Corporation of Connecticut. Filed July 13, 1925. Serial No. 43,236. 7 Claims. (Cl. 40—20.)



1. A tag or seal for meats comprising a spindle formed of metal of limited ductility, the said spindle being headed at its upper end, a small metal plate provided with an aperture for the reception of said spindle, the lower end of the spindle being curled after the seal is applied to pull the metal plate tightly against the article sealed, and the ductility of the metal being such that if the curl is subsequently bent, it will break from the spindle.

1,570,400. SEAL OR TAG FOR MEATS. FORREST G. PURINTON, Waterbury, Conn., assignor to The Patent Button Company, Waterbury, Conn., a Corporation of Connecticut. Filed July 13, 1925. Serial No. 43,237. 6 Claims. (Cl. 40—20.)

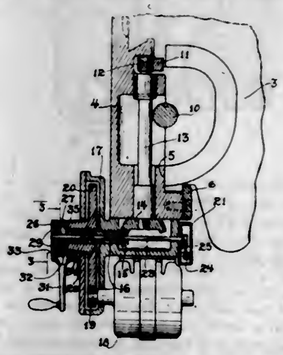
1. A seal or tag comprising a spindle formed of metal of limited ductility, and the shank of the spindle being normally straight throughout its length and

adapted to fit within an awl, the upper end of the spindle being bent at right angles to the spindle and then formed in a loop, a cap supported by said loop and the



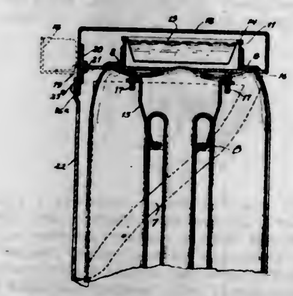
bent of the spindle being the weakest point of the tag, and the lower end of the spindle adapted to be curled after the tag is applied.

1,570,401. SADDLE-TRAVERSING MECHANISM. ROSWELL H. RAUSCH, Plainfield, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y., a Corporation of New Jersey. Filed Dec. 20, 1923. Serial No. 681,784. 11 Claims. (Cl. 74—7.)



1. In a machine tool, the combination of a support having a guideway thereon, a saddle slidably mounted on the guideway, a driving connection including a rotary element for moving the saddle on the support, a power element, a manually operable member, means adapted to be operated by the member for optionally rotating the rotary element manually or making connections to power rotate the rotary element from the power element, and means normally retaining the member in its inoperative position.

1,570,402. COMBINED RADIATOR SHIELD AND HUMIDIFIER. HARRY W. REUTER, Kankakee, Ill., assignor of one-half to John S. Burton, Chicago, Ill. Filed Sept. 16, 1922. Serial No. 588,563. 3 Claims. (Cl. 237—78.)



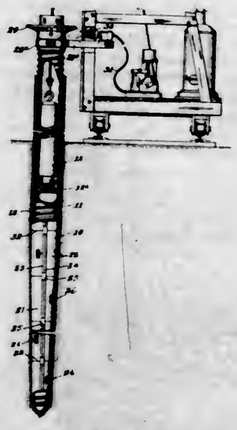
2. A radiator attachment comprising, in combination, two parallel bars adapted to rest on the top of a radiator, a pair of brackets connecting the ends of said bars, cross pieces secured to said bars, means for clamping said bars rigidly to a radiator, a plurality of upright members carried by said parallel bars, a water pan removably supported above the radiator on said upright members, and a removable hood or cover supported by said cross pieces and adapted to provide for free circulation above said pan.

1,570,403. CHRISTMAS-TREE SUPPORT AND WATER CONTAINER. LAMBERT L. RIPCZINSKE, by change of name, Lambert L. Raymond, Robbinsdale, Minn. Filed Jan. 25, 1922. Serial No. 531,575. 2 Claims. (Cl. 248—38.)



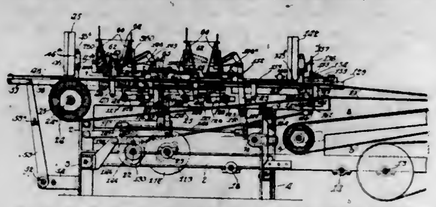
2. A device for supporting and watering a Christmas tree comprising a conical vessel having a comparatively wide base forming a stable support, said vessel having its interior substantially unobstructed, means centrally disposed at the bottom of said vessel for holding the bottom of a tree trunk irrespective of the size of said trunk, spaced means at the top of said vessel extending upwardly therefrom, said last mentioned means being adjustable to the size of said tree trunk, and means for holding said last mentioned means in position whereby a substantially closed vessel is formed adapted to hold tree trunks of different diameters.

1,570,404. PILE AND PILE DRIVING. ALEXANDER GEORGIEVITCH ROTINOFF, London, England. Filed Feb. 27, 1924. Serial No. 695,547. 16 Claims. (Cl. 61—78.)



1. Means for forming piles or the like including in combination a shell member and a rod like tool member adapted to be embraced by the shell member, said members having their main bodies spaced from each other, one of said members being provided with a spiral groove and the other member having a single screw thread engaging said groove and forming the only contact between the two members, and means for simultaneously forcing the members into soil or the like without rotating either member.

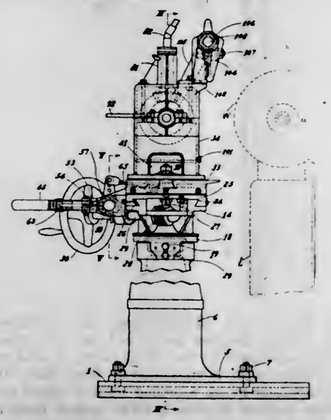
1,570,405. MACHINE FOR COATING WAFERS. FERDINANDO G. SALERNO, Chicago, Ill. Filed Jan. 20, 1921. Serial No. 438,561. 40 Claims. (Cl. 107—1.)



2. In a machine for coating cakes, a cake supporting table having a transverse gap, an endless intermittently movable fabric carrier belt arranged to travel over said table, means for imposing cross rows of cakes on said belt in position to stop in vertical alignment with said gap, coating mechanism including a stencil plate having a row of openings in vertical alignment with said gap, and a lifting member having separated front and rear lifting edges adjacent the opposite edges of said gap and arranged to reciprocate vertically to lift said belt and bring the cakes thereon into cushioned contact with said stencil plate around the margins of the stencil openings therein.

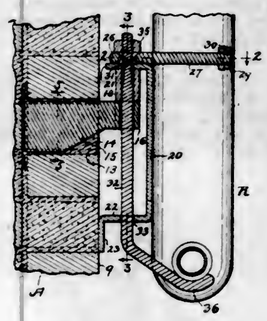
5. In a machine for coating cakes, an intermittently movable carrier belt arranged to support the cakes, a stationary stencil plate above said belt having a series of stencil openings, a reciprocating confection hopper having an opened bottom arranged to slide on said plate across said openings to coat the cakes during intervals of rest of the carrier belt, a vertically reciprocable stripper member connected to said hopper to reciprocate horizontally therewith and arranged to occupy a position of vertical alignment with said opening at the end of a coating movement of the hopper, lifting means arranged to raise and lower said belt and bring the cakes on the belt against said stencil plate and lower them therefrom, and means independent of said lifting means for imparting a vertical stripping movement to said stripper member while in such aligned position.

1,570,406. POLISHING MACHINE. ROBERT FLOYD SALISBURY, New Kensington, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed May 4, 1922. Serial No. 558,345. 7 Claims. (Cl. 51—105.)



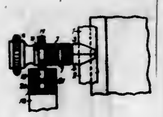
1. A polishing machine comprising a pedestal, a turn table journalled in said pedestal, a carriage or slide mounted for reciprocating movement on the turn table, a saddle on the slide adapted to reciprocate in a plane at an angle to that in which the slide reciprocates, a housing carried by the saddle and angularly adjustable thereon, and a work holding spindle journalled in said housing.

1,570,407. WALL-RADIATOR SUPPORT. ALBIN SEIDEL, Cleveland, Ohio, assignor to the Becker-Seidel Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 28, 1925. Serial No. 58,973. 4 Claims. (Cl. 248—17.)



1. A wall-radiator support comprising a bracket adapted to extend from within a wall to and beyond the face of said wall, a rigid upright spacing tube supported on the free end of said bracket, an upright abutment-member which is adapted to form an abutment for the back of a wall-radiator and arranged opposite the free extremity of and extends above and below said bracket and has an upper flange supported on the spacing tube and a lower flange extending under and spaced from said bracket and adapted to abut against the aforesaid wall, an eye-bolt adapted to participate in holding the radiator against said abutment-member and having its eye supported on the aforesaid upper flange, an endwise adjustable rod which extends substantially vertically between and through said flanges and through the spacing tube and through and above said eye and has a screw-threaded upper end portion, and a nut screwed onto said rod above said eye, said rod being provided, below the aforesaid lower flange, with a member arranged to form a seat for the radiator, and said eye and the spacing tube being alined substantially vertically.

1,570,408. DEVICE FOR DISPLAYING PRINTED OR OTHER MATTER EMPLOYED IN SIGHT TESTING AND WHICH CAN ALSO BE USED AS A MIRROR. PETER STEVENSON, Jr., Edinburgh, Scotland. Filed Mar. 25, 1924. Serial No. 701,852. 1 Claim. (Cl. 45—97.)



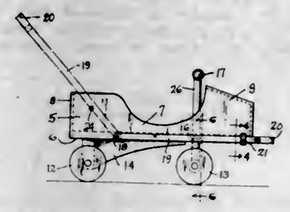
The herein described device comprising a frame, upright members adjacent said frame, heads detachably mounted on said upright member, bearings carried by said heads, projections on said frame, screwed sleeves receiving said projections, means for supporting said projections consisting of a member connected to each sleeve and having a plain shoulder adapted to project into one of said bearings in the head of each upright member, whereby the uprights may turn independently of said heads.

1,570,409. ASPARAGUS-ASSORTING MACHINE. LOUIS D. STOPPEL, Isleton, Calif. Filed June 23, 1925. Serial No. 39,146. 9 Claims. (Cl. 209—102.)



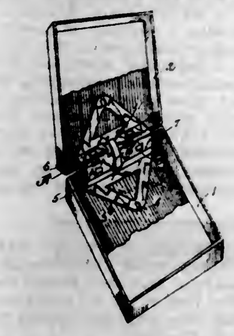
1. An asparagus assorting machine, comprising a frame, a plurality of rollers revolvably secured to the frame, a plurality of separated belts extending over the rollers for carrying asparagus stems, a plurality of belts extending entirely transversely underneath the first named belts and over a plurality of rollers revolvably secured to the frame, for carrying some of the larger asparagus stems along and for preventing them from falling between the separated belts at certain intervals, and a plurality of receptacles located beneath the first mentioned belts at points between the second mentioned belts.

1,570,410. CHILD'S VEHICLE. FERDINAND STRAUBS, New York, N. Y. Filed Feb. 12, 1925. Serial No. 8,610. 11 Claims. (Cl. 208—165.)



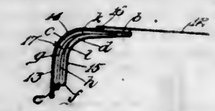
1. A child's vehicle comprising a body portion, and a handle pivoted on said body portion for propelling the vehicle, said handle being also arranged to serve as a bumper for the vehicle.

1,570,411. JEWELRY-BOX HINGE. RUSSELL I. RHODES, North Attleboro, Mass. Filed Nov. 25, 1924. Serial No. 752,173. 2 Claims. (Cl. 16—128.)



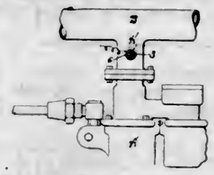
1. A hinge for jewelry boxes and the like comprising a pair of pivoted hinge members, each member having a metal leaf portion fixed to the inner surface of the adjoining box ends, a hinge strap detachably connected to each of said leaf portions, means for pivotally connecting said hinge straps together, an outwardly projecting lip on the free edge of each of said straps and a unitary spring having hooked end portions engaging between said outwardly projecting portions and said leaf portions.

1,570,412. QUARTER PAD FOR VEHICLE TOPS. VINCENT P. RUMELY, Detroit, Mich., assignor to Essex Motors, Detroit, Mich., a Corporation of Michigan. Filed Jan. 30, 1922. Serial No. 532,619. 4 Claims. (Cl. 296—118.)



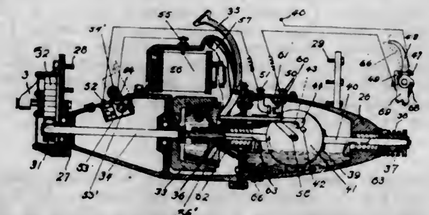
1. In combination with an automobile top having a deck and quarter, a quarter pad positioned at the juncture of said deck and quarter and comprising a strip of padding material folded longitudinally upon itself along a line at one side of the longitudinal center thereof to form superposed layers of different widths, at least one of said layers being further folded upon itself to form an additional layer at the edge of the pad opposite said first named fold.

1,570,413. CHARGE-HEATING DEVICE FOR INTERNAL-COMBUSTION ENGINES. CHARLES SMITH, St. Louis, Mo. Filed Nov. 18, 1922. Serial No. 601,775. 1 Claim. (Cl. 219—38.)



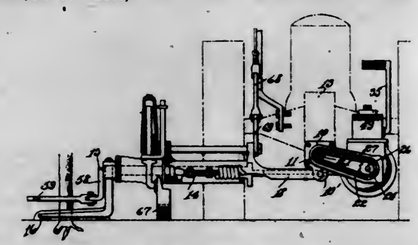
A charge heating device for an internal combustion engine comprising a body portion, a portion of which is adapted to be introduced into the intake conductor of said internal combustion engine, an electrically energized, heat-generating element within said portion of said body portion, packing means whereby air is prevented from being drawn into contact with said heat generating element, a plug at the opposite end of said body portion, said plug being provided with a central longitudinal opening, a conductor arranged in said longitudinal opening, said conductor being provided with a head at one end having an opening adapted to receive an end of said heat-generating element and a threaded portion at its other end, a nut on said threaded portion, and insulating members within said longitudinal opening and adjacent to the ends of said conductor whereby said conductor is insulated from said plug.

1,570,414. AUTOMATIC CLUTCH. SARKIS H. SUMBULIAN, by change of name, Sarkis Haig Beulan, San Francisco, Calif. Filed Aug. 29, 1922. Serial No. 585,103. 6 Claims. (Cl. 192—84.)



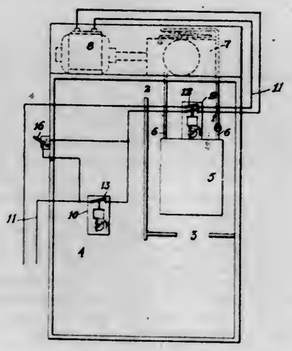
1. An automatic clutch mechanism including alined shafts, means for coupling the shafts, means for constantly driving one of the shafts, means for actuating the coupling means, and means operable by the first shaft for simultaneously releasing the coupling means and releasing the coupling actuating means.

1,570,415. CULTIVATOR. SARKIS H. SUMBULIAN, by change of name, Sarkis Haig Beulan, Fresno, Calif. Filed July 3, 1924. Serial No. 724,118. 5 Claims. (Cl. 97—137.)



1. An orchard cultivator including a ground treating implement, yieldable means for maintaining the implement projected into a row of spaced plants, a motor operated shaft having operative connections with the implements for withdrawing the latter from the row, an electric circuit including the motor, and a circuit closer on the implement and in said circuit, said circuit closer including an extension projecting forwardly of the implement for movement by contact with a plant.

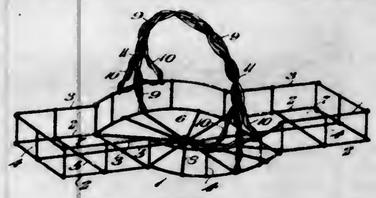
1,570,416. REFRIGERATION. HERVEY S. VASSAR, Bloomfield, N. J. Filed Dec. 18, 1924. Serial No. 756,651. 9 Claims. (Cl. 62—4.)



1. In refrigerating apparatus of the character disclosed, the combination with a refrigerator structure having communicating cooling and storage compartments, a cooling unit within the cooling compartment, means for circulating a refrigerant through said cooling unit, of a thermostatic controller located in the cooling compartment, a thermostatic controller located in the storage compartment and connections establishing said thermostatic controllers in series relation with each other and with said circulating means, enabling either of said controllers to stop the circulating means, independently of the other and requiring their joint cooperation to start the circulating means.

1,570,417. SPRAY BASKET. JOHN W. WALSH, Philadelphia, Pa., assignor to Harry Bayersdorfer and Sydney H. Bayersdorfer, a Copartnership trading as H. Bayersdorfer & Co., Philadelphia, Pa. Filed May 1, 1925. Serial No. 27,178. 9 Claims. (Cl. 40—12.)

1. In a device of the character stated, a skeleton wire frame, a skeleton wire handle extending from one side of the frame to the other and secured thereto, said handle being composed of a plurality of members, whose terminals are secured to opposite upper and lower portions of said frame, and strands of reed interwoven about said skeleton wire handle members and continued

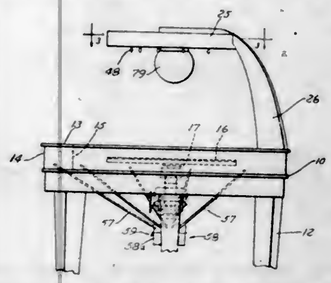


to the bottom of said frame so as to substantially conceal the same and to produce a handle of substantial thickness.

1,570,418. PRESERVED YEAST AND PROCESS OF MAKING IT. ULRICH WEGNER, Berlin-Steglitz, Germany. Filed Mar. 21, 1925. Serial No. 17,430. 7 Claims. (Cl. 99—8.)

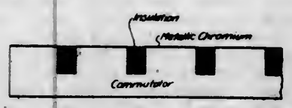
2. The process of preserving yeast, which consists in embedding it in a finely crystalline mass of invert sugar.

1,570,419. GAME OF SKILL. GUSTAV WOLKENHAUER, Chicago, Ill., assignor to Riverview Park Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 30, 1925. Serial No. 19,191. 7 Claims. (Cl. 273—101.)



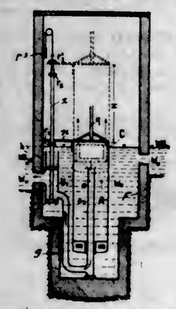
1. A game apparatus comprising a rotative target bearing a radial mark and a plurality of radially spaced annular marks, a player's board concentric with said target and providing a plurality of players' stations, one for each of said annular marks, and an intermediate look-out station, a head fixed above said target, a plurality of electrically controlled bombarding elements carried by said head, there being a bombarding element associated with each player's station and located above the corresponding annular mark on the target, a main control device located at the look-out station, and a plurality of auxiliary controls, one for each player's station, operable under the control of the main control device.

1,570,420. ELECTRICAL CONTACT MAKER AND BREAKER. VICTOR YNGVE, South Orange, N. J., assignor to Manhattan Electrical Supply Company, Incorporated, New York, N. Y., a Corporation of Massachusetts. Filed June 20, 1924. Serial No. 721,353. 4 Claims. (Cl. 171—321.)



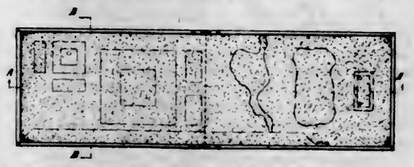
2. An electrical circuit maker and breaker, electroplated with a coating of metallic chromium.

1,570,421. WATER-POWER ENGINE FOR UTILIZING LOW-GRADE WATER POWERS. ADOLF ABRAHAM, Charlottenburg, Germany. Filed Aug. 29, 1921. Serial No. 496,551. 8 Claims. (Cl. 253—18.)



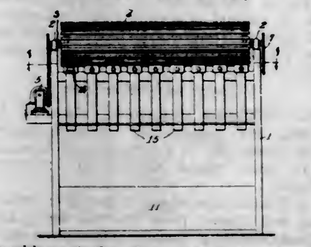
1. A water power engine, comprising, in combination, two basins containing water, the levels of these two bodies of water being different; a water-shaft communicating with said basin; a hollow float open at its top and arranged in said hollow shaft; control members so arranged as to permit the outer upper water to enter into the float and to rise to the level thereof, whereby the said float is caused to sink; said control members being also adapted to cause the upper water to flow continually into the float while this latter is sinking, and to permit the water present in the float to flow out until its level has reached that of the outer lower water whereby the float is caused to rise, the said control members permitting also the water present in the float to flow out continuously into the lower water while the float is rising, substantially as described.

1,570,422. INDOOR GOLF GAME. ARTHUR H. ADAMS, Lakeville, Conn. Filed Jan. 6, 1922. Serial No. 527,375. 26 Claims. (Cl. 273—87.)



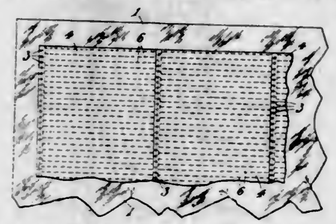
1. In a miniature golf game, a ball of little mass and of relatively high air resistance, a club, a manually rotatable handle operating said club to strike said ball, and having a diameter tending to limit the kinetic energy imparted to said ball.

1,570,423. WASHING MACHINE. JOHN H. ANDERSEN, Glen Rock, N. J. Filed Sept. 15, 1925. Serial No. 56,430. 5 Claims. (Cl. 8—19.)



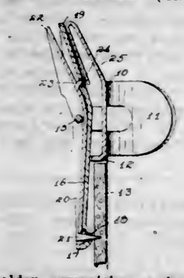
2. A machine of the class described, comprising, in combination, a frame, a plurality of vertically disposed tubes at each side of said frame, means carried by said tubes for guiding a fabric in tubular form therethrough and out of contact with the tubes, means below the tubes for receiving the fabric after it has emerged from the lower end of a tube at one side of the frame and directing it toward a tube disposed in staggered relation to said first tube at the opposite side of the frame, rotatable means carried by said frame for carrying said fabric from the upper end of a tube at one side to a tube at the opposite side, and means for supplying a treating liquid to said fabric as it passes through said tubes.

1,570,424. MEANS FOR USE IN THE PHOTOGRAPHIC PRODUCTION OF TYPOGRAPHICAL PRINTING SURFACES. JOHN NELSON BANKS, London, England, assignor to Linotype and Machinery Limited, London, England, a British Company. Filed Jan. 8, 1924. Serial No. 684,113. 5 Claims. (Cl. 95—5.)



1. In a method of photographically producing typographical printing surfaces from film strips bearing representations of the type matter to be photographed, the steps which consist in attaching the film strips to a glass plate in parallel columns, by the engagement of perforations in their edges with pins or studs fast to the plate and photographing on to a sensitized printing plate the matter showing through the glass plate.

1,570,425. PEN AND PENCIL HOLDER. STEPHEN A. BAKALYAR, Des Moines, Iowa. Filed Apr. 14, 1924. Serial No. 706,554. 4 Claims. (Cl. 24—11.)

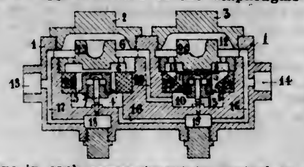


1. A pencil holder comprising a body portion having clamping members for securing the body portion to a pencil, a pivoted stripper lever having a stripper on its lower end, a pivoted locking lever having a locking pin on its lower end designed to work through said stripper member, and means for yieldably moving the said stripper member and said locking pin toward the pencil, for the purposes stated.

1,470,426. RAILWAY AIR-BRAKE-CONTROL VALVE. LOUIS ANTOINE MARIE BARASCUD, Paris, France. Filed Dec. 15, 1924. Serial No. 756,091. 4 Claims. (Cl. 303—85.)

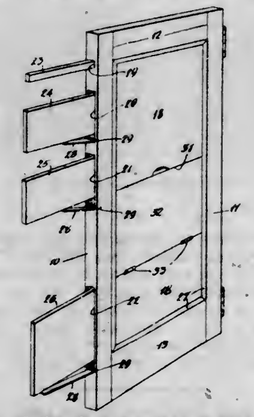
1. An air brake control valve, comprising a casing provided at each end with an aperture and having its interior divided into two main compartments; a flexible diaphragm in each compartment; a system of internal ducts in said casing extending from one aperture to

the other and including ducts which open into the compartments at opposite sides of the diaphragms therein;



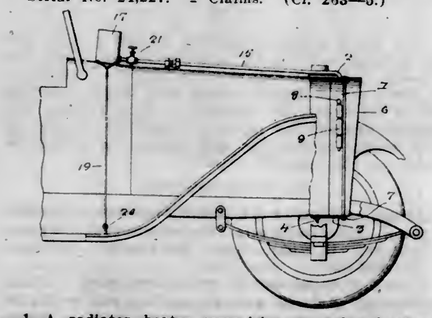
and a valve in each compartment to control an associated duct of the system and itself operatively connected with the adjacent diaphragm.

1,570,427. DOOR CONSTRUCTION. CHRISTIAN BIE, Brooklyn, N. Y. Filed Feb. 7, 1925. Serial No. 7,659. 3 Claims. (Cl. 20—35.)



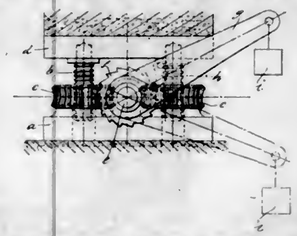
1. A door of the class described fashioned from two vertical rails joined by top and bottom horizontal rails said rails being of substantially the same thickness throughout, frame members mounted in connection with and extending from one vertical rail to the other in spaced relation, said frame members being of less thickness than said rails to form recesses on the opposite side faces of the door, and panels mounted in said recesses and secured to said rails and frame members to form a door having spaced compartments therein, said compartments being formed between the rails, frame members and panels.

1,570,428. RADIATOR PROTECTOR. VICTOR E. BLACKBURN, Bellview, N. Mex. Filed Apr. 18, 1925. Serial No. 24,227. 2 Claims. (Cl. 263—5.)



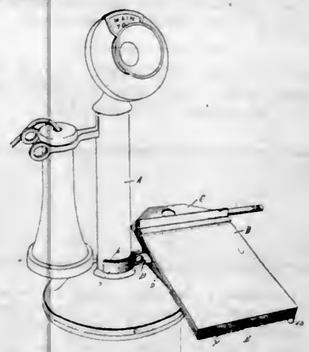
1. A radiator heater comprising a casing having a hinged front part, means for fastening the casing to a radiator, wicks of asbestos supported by the casing, nozzles in the casing above the wicks, a fuel supply connected with the nozzles and means for preventing the fuel dropping from the wicks from passing from the casing.

1,570,429. AUTOMATICALLY-OPERATED JACK FOR SUPPORTING WALLS OF BUILDINGS. JEAN BONNET, St. Etienne, France. Filed June 18, 1923. Serial No. 646,238. 3 Claims. (Cl. 254—103.)



1. For supporting the wall of a building, a jack having a socket, a vertically arranged screw supported in said socket, a gear wheel engaging with said screw, a lever and a counterpoise weight on said lever and means actuated by said lever to rotate said gear wheel and automatically raise said screw in case of subsidence of the ground on which the jack rests.

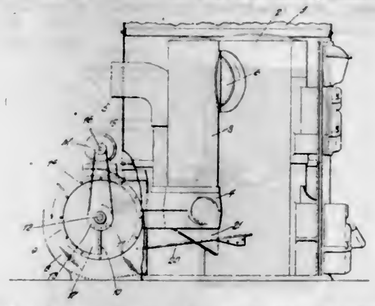
1,570,430. MEMORANDUM-PAD EQUIPMENT FOR TELEPHONES. CLYDE L. BOWERS, Washington, D. C. Filed Mar. 7, 1922. Serial No. 541,785. 10 Claims. (Cl. 45—82.)



1. In a device of the class described, the combination with a supporting arm attachable to a telephone standard, of a supporting plate attachable to and detachable from the supporting arm without effecting the attachment of the supporting arm relatively to the standard, a pad, and a clip carried by the pad and detachably clamping it against the said plate, whereby the clip and pad may be removed relatively to the arm either alone as a unit, or in combination with the supporting plate.

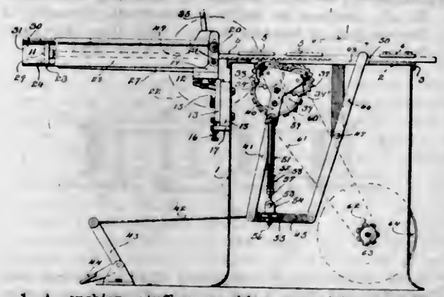
1,570,431. HOT-AIR FURNACE. CHARLES G. BUDER, St. Louis, Mo., assignor to Haynes-Langenberg Mfg. Co., St. Louis, Mo., a Corporation of Missouri. Filed Apr. 11, 1924. Serial No. 705,791. 7 Claims. (Cl. 126—110.)

1. In a furnace comprising a fire drum and a casing enclosing and spaced from the fire drum and having an air inlet opening through one side and near the lower end thereof, a pair of baffle plates extending inwardly and upwardly from said opening and having their inner edges spaced from the fire drum and their outer edges contacting with said casing, and a pair of approximately vertical baffle plates having their inner



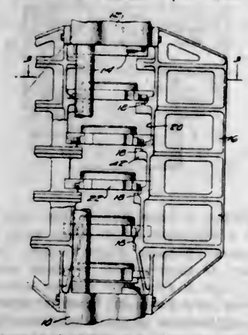
edges adjacent to the fire drum above the planes of said first baffle plates, said second pair of baffle plates diverging outwardly in planes intersecting said casing laterally from said opening.

1,570,432. CUSHION-STUFFING MACHINE. REGINALD W. BUSSE, Sheboygan, Wis. Filed June 16, 1924. Serial No. 720,348. 2 Claims. (Cl. 226—46.)



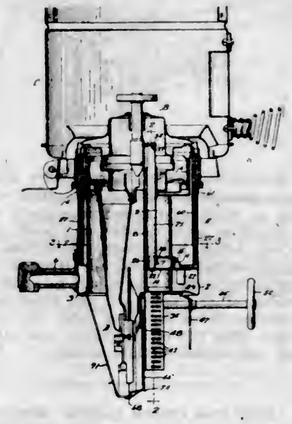
1. A cushion stuffing machine comprising a filling receiving box, a plunger mounted therein, a rack bar attached to said plunger, a pair of reversely rotating pinions adapted to selectively engage said rack bar, manual means for causing one of said pinions to engage said rack bar to advance said plunger, and automatic means for causing the other of said pinions to engage said rack bar for retracting said plunger.

1,570,433. PLATEN FOR POT PRESSES. FRED S. CARVER, East Orange, N. J. Filed Mar. 23, 1925. Serial No. 17,602. 8 Claims. (Cl. 100—50.)



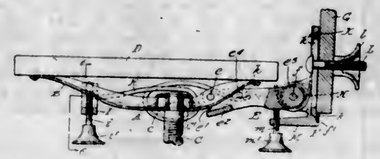
1. In a pot press having stops for stopping the platens at their individual stations, a series of platens provided with separable stop lugs of length to adapt the platens to be stopped by their respective steps.

1,570,434. OIL-BURNER CONSTRUCTION. LEE S. CHADWICK, Shaker Heights Village, and MARC REBEK, Cleveland Heights, Ohio, assignors to The Cleveland Metal Products Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 26, 1922. Serial No. 596,970. 28 Claims. (Cl. 67—60.)



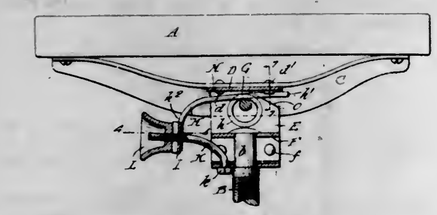
1. In a burner of the character set forth, the combination of a structure enclosing a wick space and having a lateral offset portion extending upwardly along one side of the structure and opening throughout substantially its height into the wick space, a wick within the wick space, a member guided for vertical movement by and within the lateral offset portion of the structure, connections between said member and the wick, a member slidable upon the exterior of and thus guided by the lateral offset portion and having its upper end attached to the corresponding end of the aforesaid member, and means exterior of the burner structure for adjusting the wick through the intervention of said members.

1,570,435. FITTING FOR CHAIRS OR THE LIKE. ROBERT K. DAWSON, Akron, N. Y. Filed Apr. 7, 1924. Serial No. 704,624. 12 Claims. (Cl. 155—157.)



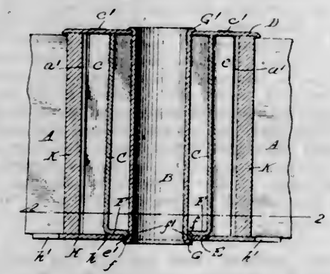
1. A spider for chair seats including a pair of crossed members each of which has a substantially horizontal flange and a substantially vertically extending reinforcing flange, one of said members being arranged with its reinforcing flange extending upwardly and the other member being arranged with its reinforcing flange extending downwardly, said downwardly extending flange being slotted to receive said upwardly extending flange, whereby the slot in said downwardly extending flange is closed by said upwardly extending flange and leaves the strength of said downwardly extending flange unimpaired when subjected to compression.

1,570,436. CHAIR BASE. ROBERT K. DAWSON, Akron, N. Y. Filed Apr. 7, 1924. Serial No. 704,625. 11 Claims. (Cl. 155—77.)



1. The combination with a chair spider and a chair spindle, of a member mounted on the upper end of said spindle and on which said spider is pivotally supported, a spring engaging said member and said spider and having a coil which is subjected to torsion, one end of said spring extending rearwardly from said coil and bearing upwardly against said spider to resist the rearward swinging of the same and the other end of the spring extending forwardly from said coil, and means engaging said other end of said spring and said member for varying the tension of said spring.

1,570,437. HUB FOR CHAIR BASES. ROBERT K. DAWSON, Akron, N. Y. Filed Apr. 12, 1924. Serial No. 706,207. 8 Claims. (Cl. 155—138.)

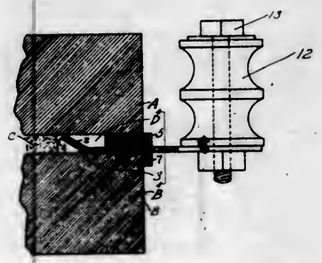


1. A hub for a chair base including a plurality of leg gripping bars of angle shaped cross section spaced apart to form between them recesses to receive the chair legs, a plate to which one end of each of said bars is rigidly secured, another plate having recesses adapted to receive portions extending from the other ends of said bars, and a central member secured to said plates and holding said other plate in a position in which said portions of said bars are retained in said recesses.

1,570,438. METHOD OF PRODUCING LEAD OXIDE. SAMUEL MARSHALL EVANS, Essex Fells, N. J. Filed Mar. 5, 1923. Serial No. 623,022. 3 Claims. (Cl. 23—146.)

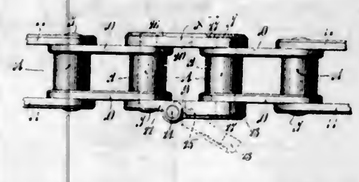
2. The method of treating storage battery plates for the economic recovery of their component parts which consists in separating the lead grids and a large proportion of the sponge lead from the lead sulphate and lead peroxide components of the plates, treating the separated lead sulphate, lead peroxide and sponge lead, all in a state of fine division, with a hot solution of an alkali-metal base until an exchange of bases is effected, washing the treated material to remove soluble salts and heating the residue in an oxidizing furnace to convert its components into lead oxide.

1,570,439. SEAM ANCHOR. PHILIP HOGAN, St. Louis, Mo. Filed May 23, 1924. Serial No. 715,290. 8 Claims. (Cl. 72—101.)



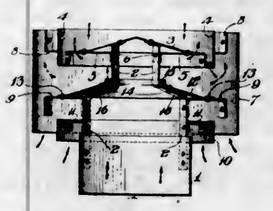
1. A seam anchor comprising a bar having a portion extending at an angle to the body of the bar, and a block approximating in thickness the width of the seam less the thickness of the bar.

1,570,440. CHAIN. MORRIS P. HOLMES, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed June 13, 1921. Serial No. 477,044. 16 Claims. (Cl. 74—32.)



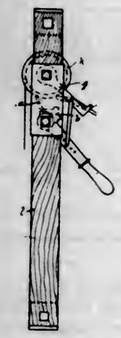
1. In a drive chain comprising links and hinge pins connecting said links, a link having permanent connection with one of said hinge pins and laterally movable with respect to said pin into and out of engagement with the next adjacent pin.

1,570,441. VENTILATOR. WILLIAM H. JARDINE, Philadelphia, Pa. Filed Nov. 10, 1923. Serial No. 673,877. 1 Claim. (Cl. 98—4.)



In a ventilator, a base flue, a top cap, an intermediate cap of a diameter larger than said top cap and having a central passage therethrough, standards inwardly inclined at their middle portions connecting said base flue and caps, a relatively narrow annular band arranged between said base flue and intermediate cap, a second relatively narrow annular band arranged adjacent said upper cap, a relatively wide band surrounding said first mentioned bands and spaced therefrom, and braces extended from said standards and connected with all of said bands for supporting the latter.

1,570,442. DEVICE FOR HOISTING AND LOWERING LOADS. HERMANN KEIL, Ettingshausen, Germany, assignor to William Keil, New York, N. Y. Filed Aug. 29, 1921. Serial No. 496,622. 4 Claims. (Cl. 254—146.)

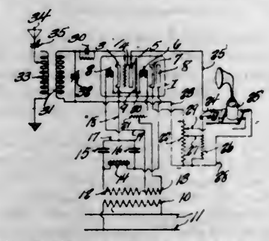


1. A device for hoisting and lowering loads embodying a drum mounted for rotation, a ratchet associated with the drum, a carrier pivoted coaxially of the drum and ratchet, a pawl mounted on the carrier and adapted to cooperate with the ratchet, an operating lever pivoted on an axis, other than the axis of the drum, a link pivoted to the carrier and adapted to be pivotally secured to the operating lever at different distances from the fulcrum of said lever, whereby power exerted through the link upon the carrier by the lever can be varied, a second pawl pivoted on the axis of the fulcrum of the operating lever and weighted to normally engage with the ratchet of the drum for the purpose of precluding inadvertent rotation of the drum, a retainer for supporting the weight of the pawl while the operating lever is being oscillated in one direction to lower a load, and means associated with the weight for automatically disengaging it from its retainer for the purpose of permitting the pawl to re-engage the ratchet of the drum when the operating lever has reached the end of its weight lowering stroke.

1,570,443. FOOD PRODUCT. EMMA ROSE MCSORLEY, Woodhaven, N. Y. Filed Mar. 6, 1925. Serial No. 13,457. 2 Claims. (Cl. 99—10.)

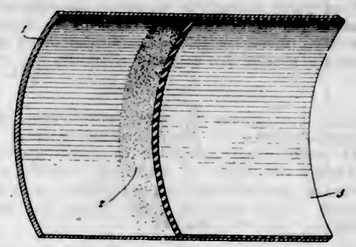
1. A food composition for macaroni and noodles comprising soy bean flour, wheat flour, eggs, sulphur, and an alkali.

1,570,444. WIRELESS APPARATUS. ARISTOTE MAVROGENIS, Milwaukee, Wis. Filed Dec. 26, 1923. Serial No. 682,666. 6 Claims. (Cl. 250—27.)



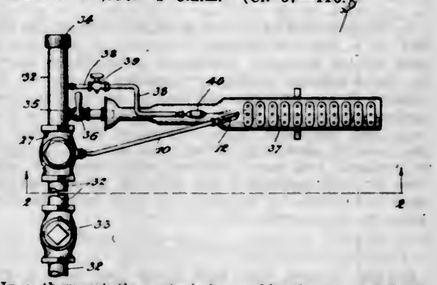
1. A unitary electron discharge device including an equipotential cathode, a plate cooperating with said cathode, a grid interposed between said cathode and said plate, a thermionic rectifier for supplying said plate, and a thermionic current limiting device controlling the current supplied said plate.

1,570,445. METHOD OF ATTACHING RUBBER TO METAL AND ARTICLE PRODUCED THEREBY. ALLAN B. MERRILL, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed July 14, 1924. Serial No. 725,875. 6 Claims. (Cl. 18—59.)



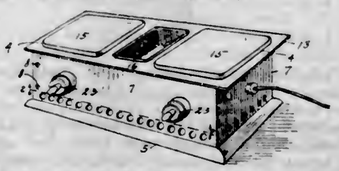
1. The method of uniting metal and soft rubber which comprises applying to the metal a thin bonding film of a relatively rapid-curing hard-rubber composition, superposing thereon a layer of relatively slow-curing soft-rubber composition and vulcanizing the hard-rubber and the soft-rubber together on the metal.

1,570,446. THERMOSTATIC CONTROL. LUIGI MOMBARUZZO, New York, N. Y. Filed Aug. 4, 1924. Serial No. 729,936. 1 Claim. (Cl. 67—116.)



In a thermostatic control, in combination, a container, a plurality of movable thermostatic plates within the container so positioned that they will expand in arc formation against each other when heated, a tube connecting valve with the container, a ball valve, a rod longitudinally movable within the tube, means carried by the rod abutable upon a thermostatic plate, a conical member carried by the rod and insertable beneath a ball closure of the valve, means whereby the expansion of the thermostatic plates will cause the conical member to move beneath the ball raising it from its seat, and means whereby the return of the plates to normal temperature will cause the removal of the conical member from beneath the ball allowing the ball to be positioned upon its seat.

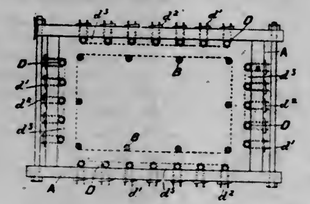
1,570,447. ELECTRIC TOASTER. MORTON MURPHY, Rushville, Ind. Filed June 16, 1925. Serial No. 37,453. 4 Claims. (Cl. 219—37.)



1. In a toaster, a base having a shoulder near its edge, a sheet metal body secured to the base against the shoulder, a top removably secured to the body and

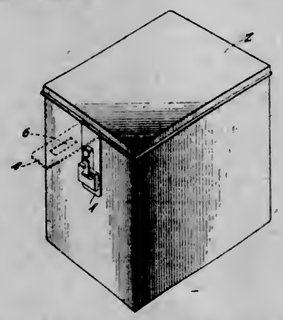
having an opening, a hot-plate with a depending marginal flange said flange making a close fit in the opening of the top, means for removably fastening the flange to the body with the plate above the upper surface of the top, a sheet of electrical insulation assembled in the flange enclosure of the plate at a suitable distance below the plate, means for removably securing the insulation to the flange in bowed condition to hold it in fixed relation therewith and means supported by the insulation for heating the plate by electricity.

1,570,448. APPARATUS FOR CONSTRUCTING REENFORCED-CONCRETE STRUCTURES WHICH CONTAIN IMBEDDED MEANS FOR CIRCULATING A HEATING OR COOLING MEDIUM. JOSEPH LESLIE MUSGRAVE and RICHARD GODFREY CRITTALL, London, England. Filed Sept. 20, 1923. Serial No. 663,862. 2 Claims. (Cl. 25—154.)



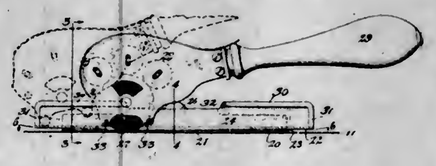
1. The combination with a mold for defining the surface of a concrete building structure, of pipes to be used for the flow of a heating or cooling fluid therein in the completed building, for heating or cooling the interior of the building, and bearing against the inner surface of the mold so as to be embedded in the concrete and leave said pipes exposed at the surface of the concrete when the concrete has set and the mold is removed, and means securing said pipes and mold together and supporting the pipes in place from the mold and capable of releasing the mold from the pipes when the concrete has set.

1,570,449. LOCK FOR BOX LIDS AND THE LIKE. AUGUST PITTELKOW, Chicago, Ill., assignor to Erie Can Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 17, 1923. Serial No. 669,043. 4 Claims. (Cl. 292—285.)



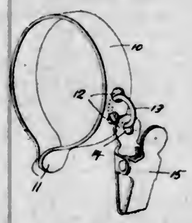
1. A hasp lock having a hasp with a slot arranged longitudinally and having uninterrupted parallel sides and two locking elements, one of which constitutes an arch projectable through the slot in the hasp and the other constitutes a locking block having an aperture through which the arch passes, one of said locking elements having a plurality of oppositely disposed indentations of sufficient depth to enable the locking block to be rotated about an axis perpendicular to the plane of the hasp to a position substantially in line with the arch to enable the locking block to occupy either of two positions, viz crosswise of the slot for locking the hasp or lengthwise of the slot for releasing the hasp.

1,570,450. PRINTING APPARATUS. GEORGE FRANCIS POND, East Aurora, N. Y., assignor to Guy J. Evans, Buffalo, N. Y. Filed Dec. 15, 1921. Serial No. 522,593. 7 Claims. (Cl. 101—126.)



1. A printing apparatus comprising a stencil holder having a frame, means for attaching a stencil to said frame, and means for engaging the top of the stencil and producing an impression of said stencil from the underside thereof on a surface comprising an inking member adapted to engage the stencil and a carrier upon which said inking member is mounted and which is coupled with said frame so as to permit said carrier to move lengthwise of said frame but compel the same to move vertically with said carrier.

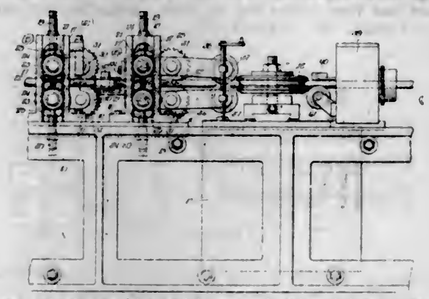
1,570,451. HAT HOLDER. SIMON SIMONEAU, Chicopee Falls, Mass. Filed Oct. 5, 1925. Serial No. 60,607. 1 Claim. (Cl. 24—81.)



A hat holder of the character described comprising a spring clip arranged in the formation of a circle and terminating in like abutting end portions and providing a pair of aligned openings in one side thereof, a ring extending to the openings in the strap, and a spring clip having an opening provided in one of the companion handle members therefor and receiving the ring therein in the supporting of the latter thereon.

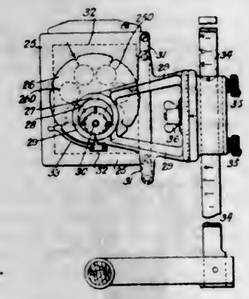
1,570,452. ADJUSTING MEANS FOR ROLLERS. NELS P. SJOBRING and MARTIN SWANSON, Milwaukee, Wis., assignors to Globe Steel Tubes Company, Milwaukee, Wis., a Corporation of Delaware. Filed Feb. 18, 1924. Serial No. 693,448. 5 Claims. (Cl. 219—6.)

1. In wielding mechanism, in combination, an elongated frame, transversely extending supporting means mounted in said frame, longitudinally extending supporting members carried by said transverse supporting means and adjustable transversely of said frame, a vertical supporting member mounted upon each of said longitudinally extending supporting members, a pair of bearing blocks carried by each of said vertical supporting members and a shaft rotatably supported by one block of said vertical supporting members and one block of the other of said vertical supporting members and a second shaft rotatably carried by the other blocks of said vertical supporting members, a pinion mounted upon each of said shafts for communicating motion thereto, a pair of gear wheels meshing with one another, each of said



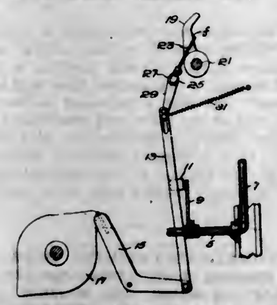
gear wheels meshing with one of said pinions, means for communicating motion to said gear wheels and means for adjusting the vertical positions of said shafts.

1,570,453. CAMERA. CHARLES FREDERICK SMITH, London, England, assignor to Adam Hilger, Limited, London, England. Original application filed June 4, 1924, Serial No. 717,706. Divided and this application filed Feb. 16, 1925. Serial No. 9,494. 7 Claims. (Cl. 95—38.)



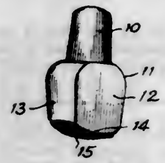
1. A camera comprising a plate holder, a pivot on the plate holder, a disk rotatably mounted on the pivot, an eccentric boss on the disk, a lens in the boss and means for causing the pivot of the disk to move in a circle.

1,570,454. AUTOMATIC STOP FOR LOOMS. GEORGE B. AMBLER, Leominster, Mass., assignor to F. A. Whitney Carriage Company, Leominster, Mass., a Corporation of Massachusetts. Filed Feb. 10, 1922. Serial No. 535,474. 5 Claims. (Cl. 139—372.)



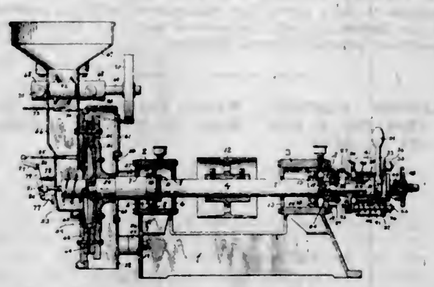
1. In a loom in combination with a lever controlling the application of power to the loom, a rod having a shoulder to engage the lever, means for reciprocating the rod and means to swing the rod thereby to move the shoulder away from the lever comprising an element in the path of the beaten up filling.

1,570,455. METHOD OF MANUFACTURING HORSESHOE CALKS. THOMAS F. BOYLAN, Sr., New Brunswick, N. J., assignor to Eversharp Manufacturing Co., New Brunswick, N. J., a Corporation of New Jersey. Filed Jan. 21, 1925. Serial No. 3,877. 3 Claims. (Cl. 59—68.)



1. The herein described method of manufacturing blunt drive pattern horseshoe calks by the cold process consisting in entering one end of an elongated cylindrical high carbon wire section into a tapered die, subjecting the same to an initial impact for forming a tapered shank at one end of the section and simultaneously upsetting the remaining head defining portion projecting from the die to produce a bulge at the juncture of the head and shank, subjecting said head portion to further impact whereby to further upset the head to effect shaping of the same into a substantially frusto conical form with a rounded shoulder at its juncture at the inner end of the shank and simultaneously producing at the outer end a reduced outwardly projecting circular boss and then entering the shank into a die exerting a pressure on the head to simultaneously flatten the opposite sides of the head for producing opposite outwardly converging faces, rounded opposite end walls, an arcuate end face while similarly shaping the boss and at the same time finishing the shank to its proper size and taper.

1,570,456. GRINDING MILL. JAMES G. BRYANT, Port Huron, Mich. Filed July 21, 1922. Serial No. 576,415. 15 Claims. (Cl. 83—8.)

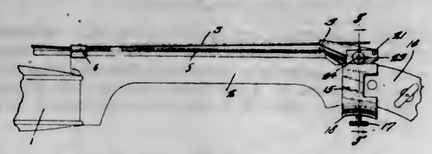


1. In combination, a main shaft and a stub shaft in alinement therewith, a thrust bearing mounted on and supported by one end of the main shaft and adapted to receive one end of the stub shaft, an additional bearing in which the main shaft is rotatable and slidable, and an additional bearing in which the stub shaft is mounted.

1,570,457. VIOLIN-POSITION GUIDE. FRANK A. BUA, Lodi, N. J. Filed Mar. 19, 1924. Serial No. 700,340. 5 Claims. (Cl. 84—281.)

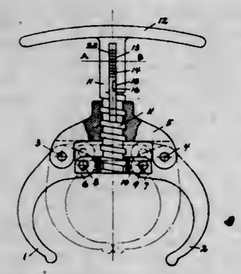
1. The combination with the neck, head and strings of a violin, of a graduated bar arranged at the opposite side of the strings with reference to the face of the

neck and extending longitudinally with respect to said neck, a guide adjustable longitudinally with respect to the neck and securely receiving one end of the graduated



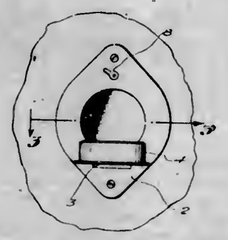
bar, an apertured keeper for slidably receiving the opposite end of the graduated bar and a clamping means for adjustably associating the keeper and retain the same on the head.

1,570,458. MANACLES, HANDCUFFS, AND THE LIKE. BÖRGE CEDERLÖF, Stavanger, Norway. Filed Feb. 24, 1925. Serial No. 11,247. 3 Claims. (Cl. 70—24.)



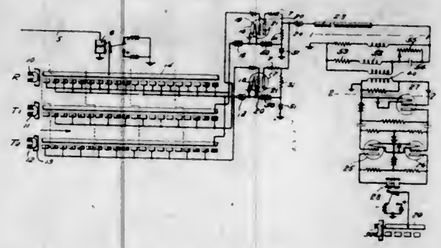
1. The improved manacles comprising a holder, pivoted jaws adapted to be adjusted and locked in different positions in said holder and having short arms or extensions pivotally connected with a nut, a screw spindle with threads of opposite pitch engaging the nut and holder, said holder having notches, a spring-pressed pawl guided in a slot in the screw spindle and arranged to co-operate with notches in the holder to lock the screw and jaws against movement in one direction and an auxiliary locking catch guided in the pawl and capable of being moved into engagement with the notches in the holder to lock the jaws of any of a plurality of positions, substantially as described.

1,570,459. COMPASS. WARREN CHAMPION, Pekin, Ill. Filed Feb. 4, 1924. Serial No. 690,574. 1 Claim. (Cl. 33—222.)



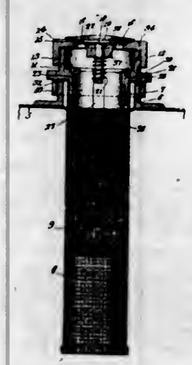
In combination, a casing having a flange projecting therefrom and a slot arranged at the juncture of the flange with the casing, a compass structure, a flange projecting from the compass structure and hinged to the casing flange, a lip formed on the end of the flange of the compass structure and movable through said slot whereby to engage one side of the casing to limit the movement of the compass structure to a horizontal position.

1,570,460. TELEGRAPH SYSTEM. ALLISON A. CLOKEY, Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 15, 1920. Serial No. 417,198. 7 Claims. (Cl. 178—63.)



1. In a repeater system, the combination with a plurality of line sections, repeating means connected intermediate said line sections comprising an electric discharge device having an anode, a cathode and a control electrode, a condenser arranged to be charged in accordance with the signal current impulse transmitted over one of said line sections, and means for subsequently connecting said condenser in circuit with the control electrode of said device for permitting said condenser to discharge and cause a corresponding signal to be repeated to the other line section.

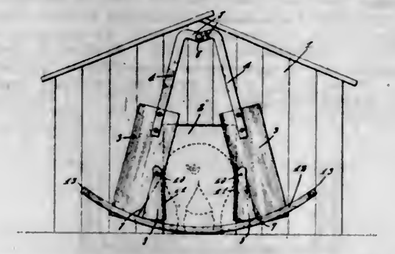
1,570,461. SAFETY ATTACHMENT FOR TANKS. JACOB COHN, New York, N. Y., assignor to Non-Explosive Corporation of America, New York, N. Y., a Corporation of Delaware. Filed July 26, 1924. Serial No. 728,336. 3 Claims. (Cl. 220—88.)



1. A safety attachment for tanks having a filling neck comprising a bushing secured to said filling neck, a foraminous cylinder carried by said bushing, a cap secured upon said bushing, a cap secured upon said bushing and having a valve seat with a depressed portion below the inner lower edge of the valve seat providing a chamber, said chamber having communication through said depressed portion by a passage of relatively limited area, a valve having an edge adapted to close against said seat, and means for yieldingly holding said valve against its seat.

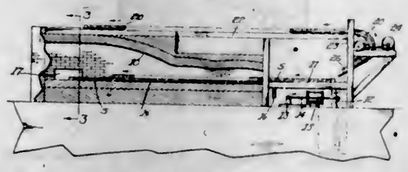
1,570,462. AUTOMATICALLY-CLOSING DOOR. MAURICE COPE, Kingsley, Iowa. Filed Apr. 20, 1925. Serial No. 24,587. 6 Claims. (Cl. 20—16.)

1. In a device of the character set forth, a closure comprising a pair of panels, means for pivotally supporting said panels in a manner to cause them to gravitate towards each other to close an entrance, and means whereby an animal may cause said panels to swing apart for passage through said entrance, said last mentioned



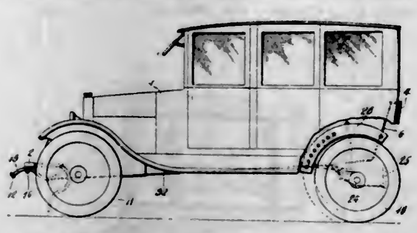
means further constituting a means whereby a small animal may pass through said entrance without moving said panels.

1,570,463. UNLOADING DEVICE FOR FURNACES. MARK H. DAMERELL, Worcester, Mass., assignor to Wyman-Gordon Company, Worcester, Mass., a Corporation of Massachusetts. Filed June 16, 1924. Serial No. 720,154. 6 Claims. (Cl. 214—18.)



1. A furnace unloading device comprising a sectional stock engaging member, and means to advance said member lengthwise of the furnace and within the same to clear the furnace of stock, said means comprising a reciprocating element effective to separately engage successive sections of said stock-engaging member and to give each section thus engaged a predetermined advance movement into said furnace.

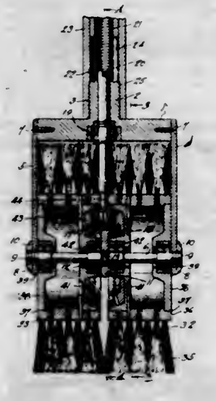
1,570,464. SAFETY DEVICE FOR AUTOMOBILES. ANTONIO DAMORE, Brooklyn, N. Y. Filed Feb. 13, 1923. Serial No. 618,875. 11 Claims. (Cl. 180—83.)



1. A safety device for automobiles, comprising a fender, means for holding said fender in raised position, means carried on the rear axle of the automobile for jacking up the rear wheels thereof, and spring tension means for lowering said fender and operating said jacking means on forcible contact of the fender with an obstacle.

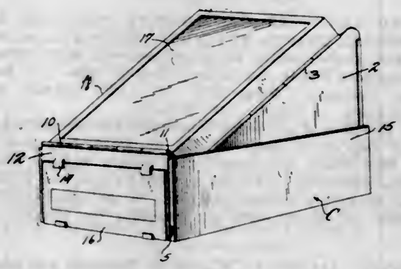
1,570,465. SHOE-POLISHING MACHINE. SALVATORE D'APREA, Brooklyn, N. Y. Filed May 7, 1923. Serial No. 637,212. 2 Claims. (Cl. 15—23.)

1. In a shoe polishing device a frame, a tubular handle for holding said frame in the hand of an operator, polishing brushes carried in said frame, a driving shaft for driving said polishing brushes, a clutch sleeve connected to a power drive rotatatively extending within said handle and adapted to engage said shaft, said



handle adjacent its free end being formed with an annular groove, and a spring member formed with an enlargement to fit in said grove secured to said clutch sleeve for locking the same in said tubular handle.

1,570,466. DISPLAY DEVICE. EDWIN C. ESSINGER, Chicago, Ill. Filed July 23, 1925. Serial No. 45,640. 5 Claims. (Cl. 211—28.)

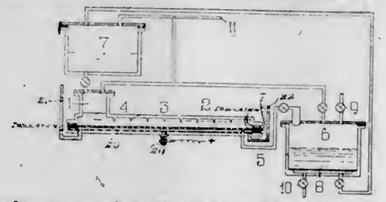


1. In combination with a container, a display device comprising side plates insertable within the container, the upper margins of said plates being inclined, the low point of each of the plates terminating within the container and the high point exteriorly thereof, a body plate, means for operatively connecting the inclined marginal portions of the side plates to the body plate, a plate pivotally connected with the low end of the body plate and upwardly disposed when the device is applied, and a flat plate pivotally connected with the opposite marginal portion of said last named plate.

1,570,467. MANUFACTURE OF ALKALI-METAL AMIDES. THOMAS EWAN, Glasgow, Scotland. Filed Mar. 31, 1924. Serial No. 703,104. 16 Claims. (Cl. 204—9.)

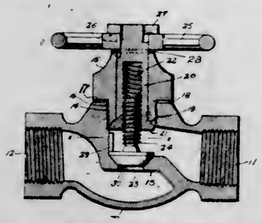
1. The process of manufacturing alkali metal amide which comprises passing an electric current between

an anode of alkali metal amalgam and a cathode immersed in a solution of inert alkali metal salt in liquid



anhydrous ammonia and catalyzing the reaction between the ammonia and the metal thus removed to yield the amide.

1,570,468. VALVE. HARVEY E. FREEBURY, Belfry, Mont. Filed June 28, 1921. Serial No. 480,972. 1 Claim. (Cl. 251—47.)

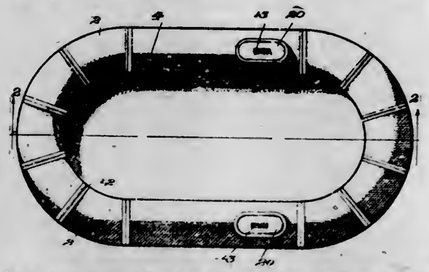


A valve comprising a casing having an internal valve seat and a guide rib extending from the seat, a member supported in said casing and having an internally threaded socket, means for rotating said member and a valve head having a threaded stem engaging said threaded socket and provided with a marginal notch slidably engaging said guide rib.

1,570,469. RESIN SUBSTITUTE PRODUCED BY FRIEDEL CRAFTS REACTION. ERICH FREUND and HANS JORDAN, Berlin, Germany, assignors to the Firm: Chemische Fabrik auf Actien (vorm. E. Schering), Berlin, Germany. Filed Aug. 25, 1923. Serial No. 659,359½. 6 Claims. (Cl. 260—2.)

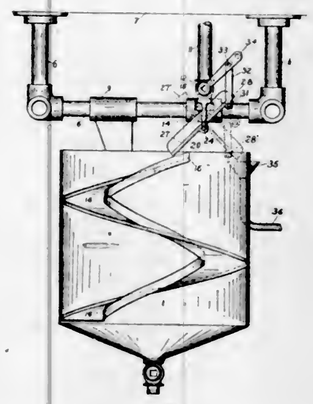
5. The method of making substitutes for natural resins which consists in subjecting an aromatic compound of the kind which can react with certain halogen compounds according to Friedel and Crafts reaction, to the action of such a halogen compound in the presence of a quantity of fuller's earth not exceeding ten percent.

1,570,470. AIR BOAT. WALTER P. FRITSCHE and JOHN DIEHL CLARKE, New Haven, Conn. Filed Jan. 14, 1925, Serial No. 2,324. Renewed Nov. 12, 1925. 11 Claims. (Cl. 9—11.)



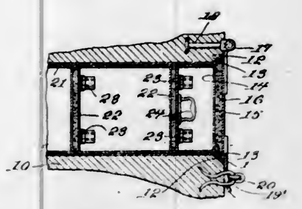
6. A boat comprising an air container, a floor for the boat dividing the container into a plurality of separate air chambers, independent valves permitting filling the respective chambers from adjacent sides of the floor, and duplicate sets of oarlocks on opposite sides of the boat providing for use of the boat when launched either side up.

1,570,471. WEIGHING LIQUIDS. EUGENE J. GABE, Saginaw, Mich., assignor to Baker-Perkins Company, Inc., White Plains, N. Y. Filed May 15, 1923. Serial No. 639,066. 7 Claims. (Cl. 249—1.)



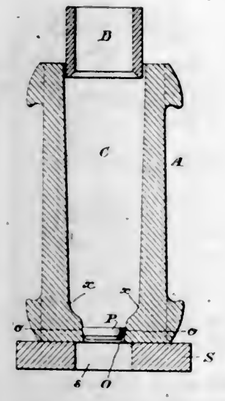
1. A weighing mechanism having in combination a weighing receptacle arranged to be moved by the weight of the contained material, means for feeding the material in a stream into said receptacle, a cut-off device for said stream, said receptacle having an inclined surface receiving the stream of material and extending from closely adjacent said cut-off downward toward the bottom of the receptacle, whereby when said cut-off operates substantially the entire stream of material flowing into the receptacle is then weighed with the mass of material at rest in the receptacle.

1,570,472. FIREPROOF VAULT. HENRY S. GASKILL, Hastings, Mich. Filed May 16, 1925. Serial No. 30,811. 2 Claims. (Cl. 109—2.)



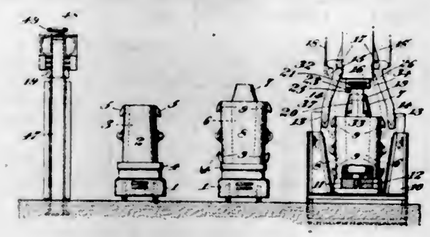
1. A vault of the character described having a layer of non-inflammable material arranged upon the inner sides thereof, a hollow door being filled with non-inflammable material and having its inner sides inwardly beveled and snugly fitting the inner ends of the vault and corresponding wall and lying in the same plane therewith, a pair of hinged members having their outer ends rigidly secured to the door and their opposite ends anchored or moulded within the vault wall, locking means included upon the door and wall, a plurality of correspondingly constructed auxiliary doors arranged in spaced relation within and extending longitudinally of the vault for creating a heat resisting space therebetween, and holding means included upon the upper sides of the auxiliary doors for holding the same in their relative positions substantially as set forth.

1,570,473. INGOT MOLD. EMIL GATHMANN, Baltimore, Md. Filed Oct. 16, 1925. Serial No. 62,755. 6 Claims. (Cl. 22—148.)



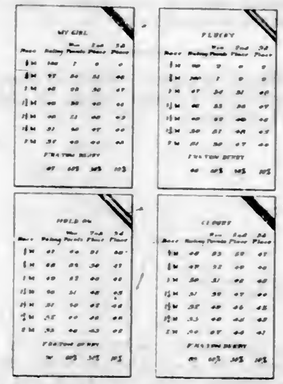
1. A sealing plug for ingot molds formed with a peripheral contact surface, the diameter of which is materially larger than the length of the plug, and which is reinforced by a lower portion of reduced diameter having no contact surface.

1,570,474. INGOT STRIPPING. HARRY R. GEER, Johnstown, Pa. Filed Apr. 24, 1922. Serial No. 556,229. 10 Claims. (Cl. 22—95.)



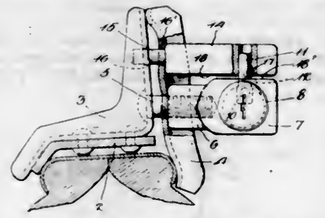
5. An automatic tongs comprising a casing, triggers mounted in the lower end of said casing with portions normally projecting therebelow, a yoke slidably mounted in said casing, supported by said triggers when in its upper position, said triggers being adapted to be partially rotated by the contact of their projecting portions with any object therebelow; whereby the ends of the yoke register with notches or cut-away portions of said triggers, thus allowing the yoke to drop by gravity, tongs comprising a pair of bell-crank levers pivotally mounted in said yoke, with the ends of their upper arms adapted to contact with and be supported by the casing aforesaid.

1,570,475. PLAYING CARDS. FRANK GERACI, Jr., and THOMAS GERACI, Washington, D. C. Filed Oct. 5, 1925. Serial No. 60,530. 10 Claims. (Cl. 273—152.)



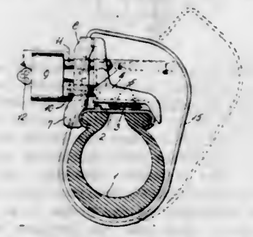
1. A pack of playing cards, each of which represents a race horse, each of said cards having an indication of the rating of the horse and an indication of the number of points which the said card may win.

1,570,476. LOCKED-NUT APPARATUS. CLARENCE A. GODSHALK, Philadelphia, Pa. Filed July 22, 1924. Serial No. 727,481. 3 Claims. (Cl. 70—90.)



2. A nut adapted to engage with a screw-threaded pin, a lock casing at the end of the nut closing the screw-threaded opening therein, a lock mechanism supported in the casing, and a locking bolt adapted to be operated by the lock mechanism and located so as to be projected out laterally through one of the sides of the lock casing and beyond the face thereof.

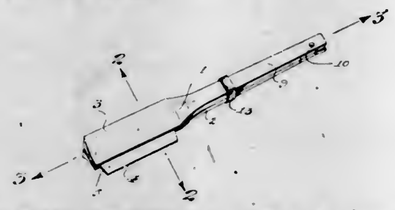
1,570,477. LOCKING MECHANISM FOR THE SPARE TIRES OF AUTOMOBILES. CLARENCE A. GODSHALK, Philadelphia, Pa. Filed Sept. 8, 1924. Serial No. 736,554. 6 Claims. (Cl. 70—90.)



1. In locking means for the spare tire of an automobile, the combination with a carrier on which a tire and its rim may be placed, a bracket secured to said

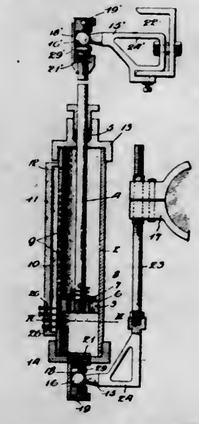
carrier, and a clamp piece for engaging with the tire rim and holding it upon the carrier, of a free metal band for encircling the tire, and a key-operated lock arranged to unite the clamping piece and also both ends of the encircling band to the bracket and to retain these in operative positions.

1,570,478. BLADE HOLDER. ABRAHAM GOETZ, Chicago, Ill. Filed Aug. 11, 1922. Serial No. 581,188. 1 Claim. (Cl. 30—25.)



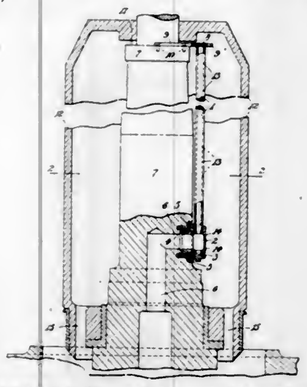
In a razor blade holder, two members each including a handle provided at one end with a head, the handles increasing in thickness toward the heads and the heads being provided with means for securing a razor blade inserted between them, a keeper freely slidable on the handles, and a rivet loosely inserted through the handles adjacent the other end thereof, one of the handles having the portion thereof beyond the rivet disposed at an angle outwardly away from the other handle whereby the heads may be forced apart when the keeper is in inoperative position by pressing the outer ends of the handles toward each other.

1,570,479. SHOCK ABSORBER. MILTON E. GOLDENSKY and SIMON SYLVAN HARRIS, Philadelphia, Pa. Filed Aug. 30, 1923. Serial No. 660,160. 7 Claims. (Cl. 188—88.)



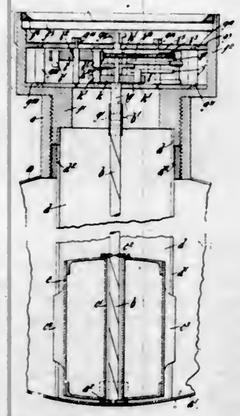
1. In a shock absorber, the combination with a cylinder containing a liquid, a piston movable therein, and a valve controlled passage arranged to permit free movement of the liquid in the cylinder from one side of the piston to the other when the latter moves in one direction and to prevent such movement when the piston moves in the opposite direction, of a by-pass through which the liquid circulates from one side of the piston to the other as the piston is moving in the second mentioned direction, the by-pass having relatively free communication with the interior of the cylinder near that end of the cylinder toward which the piston moves when the flow of liquid through the said valve-controlled passage is prevented, and having communication with the other end of the cylinder through a series of small perforations arranged to be successively opened by the piston when moving in the other mentioned direction.

1,570,480. APPARATUS FOR CASTING CURVED STEREOTYPE PRINTING PLATES. BENJAMIN JOSEPH JOHN GOULDING, Altrincham, England, assignor to Linotype and Machinery Limited, London, England, a British Limited Liability Company. Filed May 10, 1924. Serial No. 712,240. 5 Claims. (Cl. 22—4.)



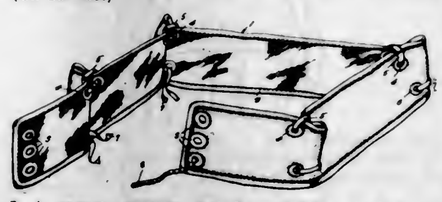
1. In apparatus for casting curved stereotype plates, the combination with a hollow vertical core and a central pillar about which the core is rotatable in two stages, each a semi-rotation, for the casting of plates successively on diametrically opposite sides of the core, of a series of vertical pipes ranged in a semi-circle within the annular space between the core and pillar, the perforations being directed outwardly to deliver jets of cooling liquid supplied to the pipes on to approximately one half only of the interior surface of the hollow core during the interval between the stages of its rotation.

1,570,481. LIQUID-REGISTERING DEVICE. FREDERICK HAROLD GRAIN and LESLIE FREDERICK MAXWELL, London, England. Filed Aug. 28, 1924. Serial No. 734,779. 2 Claims. (Cl. 235—91.)



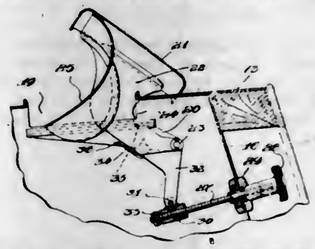
1. In a liquid registering device, having a tank, a shaft, and means in the tank for rotating the shaft by the change of liquid level in said tank; a member on the shaft; a spindle; a ratchet wheel on the spindle; a pivoted lever adapted to be operatively engaged by the said member; a pawl on said lever adapted to engage the ratchet wheel; and a device adapted to limit the movement of the ratchet wheel by the pawl when the shaft turns in one direction, and to prevent engagement of the pawl with the ratchet wheel when the shaft turns in the opposite direction.

1,570,482. FURNITURE GUARD FOR CARPET SWEEPERS. KITTY L. HALE, San Francisco, Calif. Filed Oct. 28, 1924. Serial No. 746,444. 3 Claims. (Cl. 15—45.)



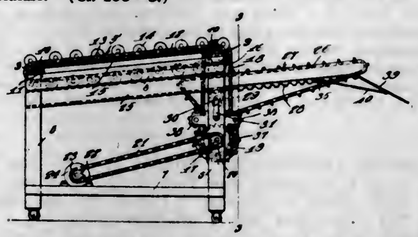
1. A carpet sweeper guard comprising a strip of suitable material having pairs of eyelets at its upper and lower edges located to correspond with the corners of a carpet sweeper to which the device is to be applied, cords passed through the eyelets of each pair and adapted to shape the strip to fit the perimeter of a carpet sweeper, the ends of the strip being equipped with spaced eyelets arranged transversely of the strip to receive a lacing cord.

1,570,483. MOTOR VEHICLE. JACOB HAMMERL, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 27, 1922. Serial No. 556,896. 7 Claims. (Cl. 98—22.)



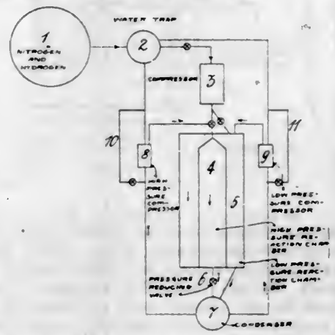
1. In a motor vehicle, the combination with the cowl having an opening therein, of a deflector plate formed to deflect air inwardly through the opening in the cowl and having a raised portion to divide and deflect the air laterally inside the cowl.

1,570,484. CONVEYER. HANS M. HANSON, Mason City, Iowa. Filed July 12, 1923. Serial No. 651,125. 2 Claims. (Cl. 198—8.)



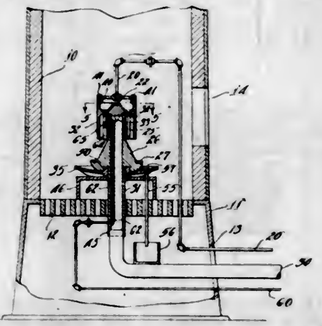
1. In combination with a fixed conveyer, an extension conveyer comprising a frame slidably mounted adjoining said fixed conveyer, a fixedly supported drive means for both said conveyers, and endless conveying element mounted on said slidable frame and having one run thereof looped away from said frame and about said fixed driving means, and means situated in the space provided by the looping of said conveying element and cooperating with said frame to slide the same back and forth.

1,570,485. SYNTHESIS OF AMMONIA BY MEANS OF CATALYSTS. HANS HARTER, Wurzburg, Germany, assignor to Albert T. Otto & Sons, New York, N. Y., a Corporation of New York. Filed Feb. 11, 1925. Serial No. 8,331. 6 Claims. (Cl. 23—198.)



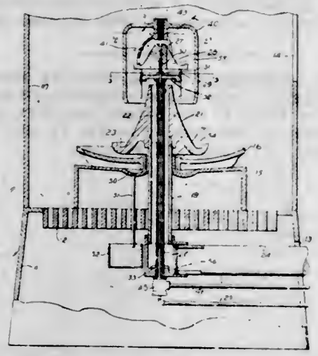
3. Process of synthetically producing ammonia by means of catalysts, consisting in treating one part of a mixture of hydrogen and nitrogen with the catalyst at a pressure exceeding 400 atmospheres and another part of the said mixture at a pressure not exceeding 400 atmospheres, expanding the treated gas of higher pressure to lower pressure uniting the gases thus treated with the reduction of the higher to the lower pressure, and condensing the ammonia formed.

1,570,486. OIL BURNER. JULIUS H. HILDEBRANDT, Cleveland, Ohio. Filed Sept. 15, 1923. Serial No. 662,804. 9 Claims. (Cl. 158—91.)



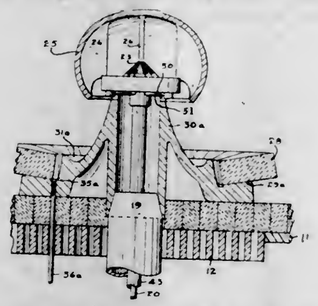
1. In a liquid fuel burner the combination with an upwardly extending air conduit, of a laterally deflecting baffle outside said conduit, a conical baffle disposed above the first mentioned baffle, a hood disposed above the conduit and extending downwardly over the sides thereof to deflect downwardly air which is ejected from the conduit, a liquid fuel distributor associated with the hood, a centrally located pocket within the distributor, spaced passage-ways leading outwardly an downwardly from the pocket, said passage-ways terminating beyond the edges of air conduit, whereby fuel is caused to intermingle with air in the region intermediate the hood and the outer walls of the conical baffle, and a fuel supply conduit arranged to conduct liquid fuel into said pocket.

1,570,487. OIL BURNER. JULIUS H. HILDEBRANDT, Cleveland, Ohio. Filed May 12, 1924. Serial No. 712,510. 6 Claims. (Cl. 158—91.)



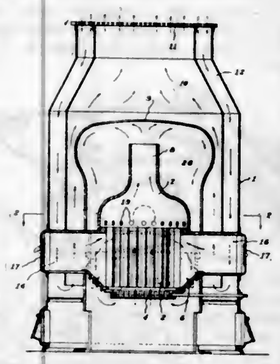
6. In an oil burner, the combination with a base, of a baffle disposed thereabove, an air supply conduit extending through the base and baffle, a gas conduit extending through the air pipe, a liquid fuel supply conduit extending through the gas conduit, a distributor communicating with the gas conduit above the baffle and out of contact therewith, a second distributor connected with the fuel conduit and carried by the first mentioned distributor, a hood surrounding both distributors and serving to deflect the combustible mixtures downwardly over said baffle, and means for so connecting the air pipe and one of the conduits that the weight of the distributor and deflecting means is carried by the air pipe independently of said baffle.

1,570,488. OIL BURNER. JULIUS H. HILDEBRANDT, Cleveland, Ohio. Filed Nov. 19, 1924. Serial No. 750,904. 6 Claims. (Cl. 158—91.)



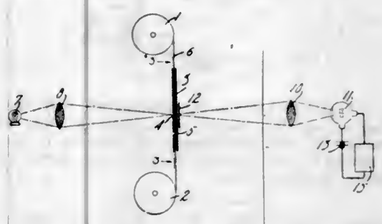
1. In combination, an air conduit, an oil distributor resting on said conduit, a fuel supply pipe extending through the air conduit and connected to the distributor, a hood positioned on the distributor, said distributor having openings therein for enabling air to flow from the conduit through the distributor, and said distributor having a plurality of spaced passageways for conducting air from the supply pipe to spaced points adjacent the marginal edges of the distributor, said hood being so spaced that a mixture of air and fuel is deflected downwardly over the distributor and around the outer side of the air conduit, a baffle associated with the air conduit for deflecting the combined mixture outwardly, said air conduit having an opening adjacent the bottom thereof, the fuel pipe extending through said opening, and a member threaded to the fuel pipe outside the air conduit, said member functioning to clamp the distributor, the air conduit, and the fuel supply pipe together, and said member providing a continuation of the fuel supply pipe.

1,570,489. HEATER. FRANK M. HILL, Riverside, N. J. Filed Mar. 8, 1924. Serial No. 697,889. 7 Claims. (Cl. 126—99.)



1. In a heater, the combination of a fire-box, a dome forming a confining space for the products of combustion, means for guiding the products of combustion from the space within said dome to a point below said fire-box for passage upwardly through the fire-box, and a dome-like guiding flue within said first named dome, and enclosing the outlet from the fire-box for directing the products of combustion against the uppermost portion of said dome.

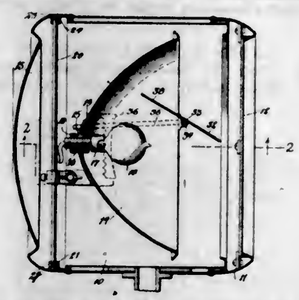
1,570,490. SOUND-REPRODUCING METHOD AND APPARATUS. JOSEPH W. HORTON, Bloomfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 31, 1923. Serial No. 654,916. 7 Claims. (Cl. 179—100.1.)



1. The method of reproducing sound from a record in the form of a transparent oscillographic trace of substantially constant width on an opaque background, which comprises varying the intensity of a beam of light as a time function of the lateral position of the trace on the background, and varying the value of an electric current as a function of the intensity of the beam of light.

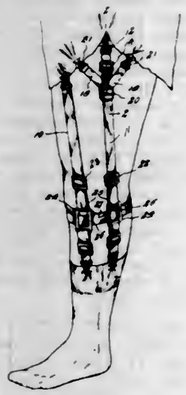
1,570,491. HEADLIGHT. WILLIAM A. IRWIN and EDWARD S. SCHWARTZ, New York, N. Y. Filed Dec. 15, 1924. Serial No. 756,026. 1 Claim. (Cl. 240—48.4.)

The combination with a headlight casing and a reflector of the beam projecting type mounted therein, of approximately diametrically opposed bearing brackets mounted on the forward edge of said reflector, a horizontal rod journalled in said brackets, a glare shield carried by the rod, a rearwardly and inwardly bent crank arm carried by one end of the rod, and a vertically disposed plate mounted on the outside of the reflector having



a series of notches in its edge to accommodate the free end of the crank arm, whereby the glare shield may be selectively tilted and locked in various positions of adjustment.

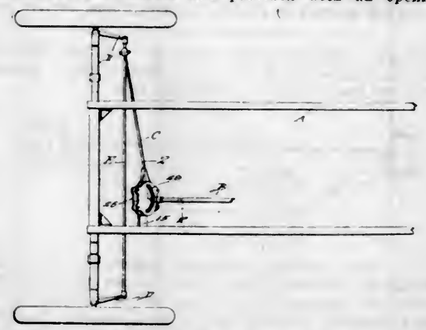
1,570,492. GARMENT SUPPORTER. MARVIN J. JACKSON, Youngstown, Ohio. Filed Jan. 30, 1922. Serial No. 532,885. 1 Claim. (Cl. 241—1.)



In a stocking supporter, a limb encircling band, an element slidable on the band, a stocking engaging member carried by the element, a strap connected with the element and adapted to extend upwardly along the wearer's leg, a buckle carried by the upper end of the strap, a V-shaped strap slidably engaged with the buckle and provided with fastening elements at its ends adapted to be engaged at the bifurcated part of a shirt, and a short strap connected with the buckle and having fastening means adapted to be connected with the shirt at the apex of the bifurcation.

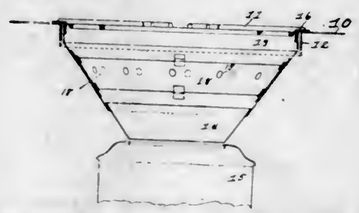
1,570,493. STEERING GEAR. OVID M. JACKSON, Jackson, Mich. Filed May 14, 1923. Serial No. 638,986. 1 Claim. (Cl. 280—96.)

The combination with a vehicle frame and a transversely shiftable steering gear bar, of a bracket secured to the frame and provided with an opening, a bushing threaded in the opening, a shaft rotatably supported in the bushing, a disc mounted on the shaft to rotate therewith the shaft having its upper end projecting above the disc, an annulus encircling the disc and adapted to be shifted by the latter, an operative connection between the annulus and transversely shiftable steering gear bar, a crank shaft carried by the upper end of the shaft and including an upstanding arm, a steering gear post, laterally extending arms carried by the lower end thereof and provided with an opening



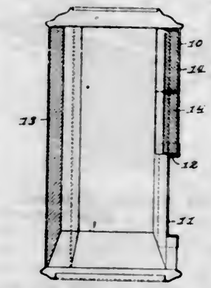
which receives the upper end of the upstanding arm, and a nut threaded upon the lower end of the first mentioned shaft.

1,570,494. DEPENDING SHIELD ATTACHMENT FOR OIL STOVES. ALBERT H. JEWELL, Lawrence, Kans., assignor to The Perfected Chimney Company, Lawrence, Kans., a Corporation of Kansas. Filed Mar. 29, 1923. Serial No. 628,475. 3 Claims. (Cl. 126—214.)



1. An attachment for an oil stove comprising a depending shield composed of two mating cone-shaped members, one movable within the other, with means for suspending the shield beneath the spider of the stove, its lower extremity being positioned above the opening of the stove chimney.

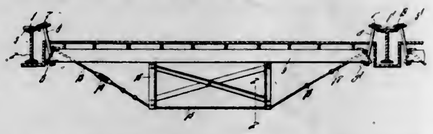
1,570,495. INSULATING ATTACHMENT FOR OIL-STOVE CHIMNEYS. ALBERT H. JEWELL, Lawrence, Kans., assignor to The Perfected Chimney Company, Lawrence, Kans., a Corporation of Kansas. Filed Mar. 29, 1923. Serial No. 628,476. 2 Claims. (Cl. 126—47.)



1. An inner wall lining for oil stove chimneys of cylindrical formation with doors formed in the wall thereof comprising a plurality of mating longitudinal blocks extending from the base to the top of the chimney, said blocks covering the inner wall of the chimney

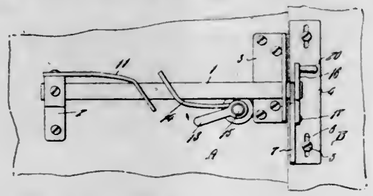
except for the space above the door, key atone blocks filling the space above the door and locking all blocks in relative position to form a complete lining.

1,570,496. TRUSS-FORM SYSTEM. CLAUDE CIRTUS JONES, Charleston, W. Va. Filed Mar. 3, 1924. Serial No. 696,664. 2 Claims. (Cl. 304—15.)



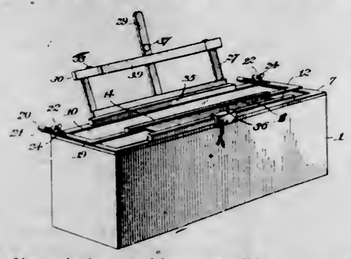
1. A truss system comprising hangers for engaging I beams of a building, some of the hangers having hooks thereon for engaging the I beams and each hanger having a plurality of holes therein, bolts passing through certain of the holes in the hangers, nuts for holding the bolts in the hangers, a beam and plates at the ends of the same having holes therein through which the bolts pass and truss means for the beam.

1,570,497. LATCH. WILLIAM E. JONES, White, Ark., assignor of one-half to Frank Saturly Cannon, Crossett, Ark. Filed June 3, 1925. Serial No. 34,662. 2 Claims. (Cl. 292—226.)



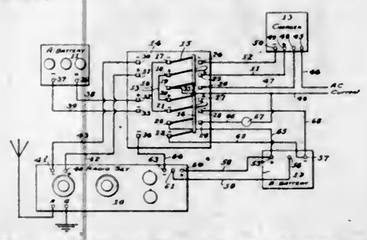
1. A latch of the class described comprising a latch bar, a keeper member having a notch therein for receiving the end of the bar, a slotted guide for the bar, a spring for holding the bar in latching position, a knob stem, an arm thereon having a slot therein for receiving the bar, and a thumb latch on the keeper member for locking the bar in latching position.

1,570,498. FILM-PRINTING MACHINE. JACOB KALMANOVITCH, Brooklyn, N. Y. Filed Nov. 13, 1924. Serial No. 749,740. 2 Claims. (Cl. 95—73.)



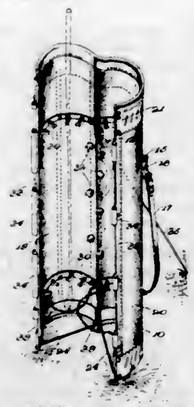
1. A film printing machine, comprising a casing, having an open top, a sheet of glass supported in the casing adjacent the top thereof, a hinged closure for the top having a glass plate therein, and a bar secured on the closure and having a groove in one face thereof, a frame mounted to move laterally of the closure and adapted to be secured at any desired adjustment, a bar on said frame parallel with the first mentioned bar and having a groove in its face opposed to the grooved face of the bar, said grooved bars adapted to support a film and a mask having a plurality of exposure openings therein, a pressure device adapted to engage the film and mask, and electric lamps in the casing included in circuit with a source of electricity and with means operated by the pressure device for closing the same.

1,570,499. RADIO-BATTERY-CHARGING SWITCH MEANS. JOHN F. KEANE, Bridgeport, Conn. Filed Feb. 28, 1924. Serial No. 695,692. 3 Claims. (Cl. 250—27.)



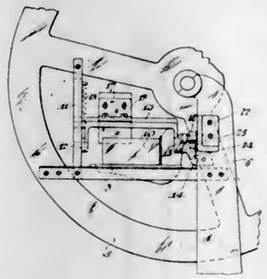
1. The combination with a radio set, storage "A" and "B" batteries, and a charger, of switch means, leads connecting said set, said batteries and said charger to said switch means, a switch member carried by said switch means adapted in one operative position to contact with the set leads and in another operative position to contact with the charger leads, a charger control switch member carried by said switch means adapted in one operative position to contact with the "A" battery leads and in another operative position to contact with the "B" battery leads whereby only one of said batteries may be charged at a time, and electrical connections between said switch members whereby individual connections may be made in various positions of said switch members between said set and "A" battery, said "A" battery and charger, and said "B" battery and charger, an operative connection between said switch members adapted to permit movement of said second switch member to either of its operative positions in the position of said first switch member in contact with said charger leads, to prevent movement of said first switch member from its position in contact with said charger leads in the position of said second switch member in contact with said "B" battery leads.

1,570,500. GOLF BAG. BERT KENNEDY, Gloversville, N. Y. Filed Apr. 24, 1925. Serial No. 25,680. 8 Claims. (Cl. 150—1.5.)



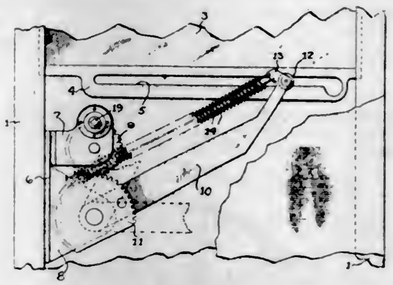
1. A golf bag consisting of semi-cylindrical sections hingedly connected along one side, each section having inner stick clasping means and each section having stick engaging and holding means extendable into the other section when the sections are closed.

1,570,501. BRICK MACHINE AND METHOD OF OPERATING THE SAME. HOWARD K. KING, Philadelphia, Pa., assignor to Chambers Brothers Company, a Corporation of Pennsylvania. Filed Aug. 20, 1925. Serial No. 51,287. 9 Claims. (Cl. 25—109.)



1. The method of preventing distortion in the wire cutting of bars into bricks, which consists in clamping the end of the bar to its moving support during the cutting operation.

1,570,502. WINDOW REGULATOR. EMIL KOEB, Tuckahoe, N. Y., assignor, by mesne assignments, to Perfect Window Regulator Corporation, Long Island City, N. Y., a Corporation of Delaware. Filed Mar. 15, 1923. Serial No. 625,291. 8 Claims. (Cl. 268—4.)



1. In a window regulator, an operating arm engaging the window, a handle, a hub portion connected to said handle, a bearing for said hub portion, a pinion connected to said hub portion and having a radius appreciably smaller than the radius of said hub portion and means engaging said pinion and arm to permit movement of the window upon actuation of the handle.

1,570,503. HEADLIGHT. ANTON F. KRALICEK, Baltimore, Md. Filed Sept. 30, 1925. Serial No. 59,616. 2 Claims. (Cl. 240—41.)

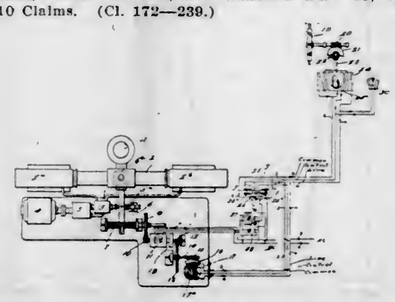
1. A reflector comprising a cup-shaped body provided with upper and lower circumferential ribs, the inner surface of the foremost lower rib having a backward and outward slant, the inner surface of the rearmost lower rib having a forward and outward slant, and the inner surfaces of the intermediate lower ribs varying progressively, from the front of the body toward the back thereof, from a backward and outward slant to a forward and outward slant, all of said surfaces being so located as to reflect upwardly upon the inner surfaces of the upper ribs, the said inner surfaces of the upper ribs being rearwardly and inwardly inclined, to reflect downwardly and forwardly the rays received from the inner surfaces of the lower ribs.

1,570,504. ROOF OR BUILDING TILE. LOUIS LANE, Habana, Cuba. Filed Mar. 4, 1924, Serial No. 696,851. Renewed Dec. 12, 1925. 6 Claims. (Cl. 108—10.)



5. As a new article of manufacture, a roof or building element of the class described having a body of porous tile material and having a covering or surfacing formed of sheet metal of foil-like thickness.

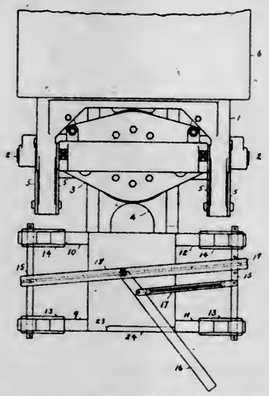
1,570,505. ELECTRIC TELEMOTOR APPARATUS. MYRON PENN LAUGHLIN, Bath, Me. Filed Mar. 2, 1922, Serial No. 540,656. Renewed Mar. 18, 1924. 10 Claims. (Cl. 172—239.)



1. In an electric transmission system, a pair of induction regulators each comprising stationary and movable coil portions, a contactless closed circuit including like coil portions of each of the regulators, means for

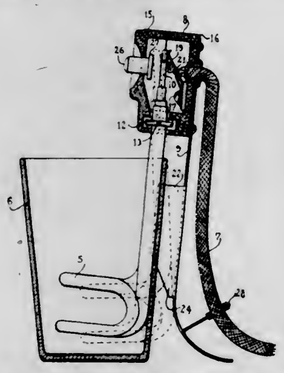
producing a variating current therein, the other coil portions being each electrically connected to one of the lines of said circuit, and having a conductor joining points of balanced potential on said other coil portions when the latter are in balanced position, said conductor including means responsive to current interchange.

1,570,506. ATTACHMENT FOR ROLL-OVER PATTERN-DRAWING MOLDING MACHINES. WILFRED LEWIS, Haverford, Pa. Filed Nov. 12, 1923, Serial No. 674,184. Renewed Oct. 22, 1925. 4 Claims. (Cl. 22—90.)



1. An attachment for roll-over pattern-drawing molding machines comprising in combination a leveling mechanism adapted to engage the flask and contents and to operate in opposition to the weight thereof and stops for limiting the opposition of the leveling mechanism to the weight of the flask and contents, whereby and upon uncoupling, the roll-over mechanism is relieved of the weight of the flask and contents and of the effect of such release.

1,570,507. ELECTRIC APPLIANCE. EDWIN N. LIGHTFOOT, New York, N. Y., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Sept. 21, 1921. Serial No. 502,293. 13 Claims. (Cl. 219—41.)



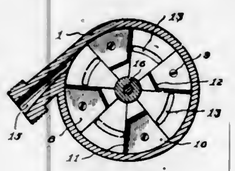
4. In combination, a switch casing, a switch operating element rigidly secured thereto, a heater pivotally carried by said casing and having a terminal movable relatively to said casing, a resilient contact fixed to said casing and tending to engage with said terminal, and means biasing said terminal out of engagement with said contact.

1,570,508. CLOTHES-DRYING APPARATUS. PAUL LUNGSTRAS, St. Louis, Mo., assignor to Lungstras Dyeing and Cleaning Company, St. Louis, Mo., a Corporation of Missouri. Filed Aug. 20, 1924. Serial No. 733,240. 4 Claims. (Cl. 223—19.)



1. A clothes drying apparatus comprising an inflatable garment-fitting body having one end open, a valve thru which the said body is inflated, and means for sealing the said open end of the body during the period of inflation, said means being removable to open the said end to effect the quick removal of the inflating medium from the inside of the said body.

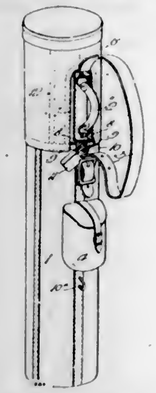
1,570,509. WINDOW WASHER. ROBERT A. LYCHOU, Chester, Pa. Filed Apr. 29, 1924. Serial No. 709,862. 1 Claim. (Cl. 15—29.)



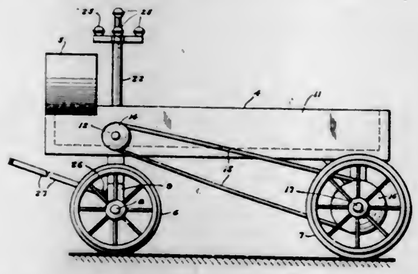
In a device as set forth, a body casing, a brush rotatably carried thereby and including a bristle carrying brush-head having a plurality of spaced elongated openings therein, a rotor attached to the inner surface of said brush-head and positioned within said body casing, said body casing having a fluid inlet adapted to permit fluid entering the casing to engage against said rotor for rotating the rotor and brush, said rotor including buckets having flat portions secured to the inner surface of the brush head, portions extending perpendicularly with reference to the flat portions and arranged radially to the axis of rotation, and said perpendicular portions having their inner ends directed rearwardly to the direction of rotation and positioned inwardly of the elongated openings, whereby water engaging said rotor will be deflected through said openings.

1,570,510. GOLF BAG. PHIL S. MCQUIRK, Audubon, Iowa. Filed June 29, 1925. Serial No. 40,345. 2 Claims. (Cl. 150—1.5.)

1. A golf bag having a carrying handle near its upper end, a staple below the handle, a closure for the upper end of said bag having a downwardly projecting sleeve to surround the upper portion of said bag, said sleeve having a longitudinal slot which opens through its lower end to receive said handle, and a pair of links engaged over the staple for connecting the edges of said slot with each other under said handle.



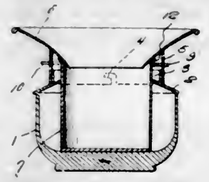
1,570,511. TOY. PAUL MARCHESE, Norristown, Pa. Filed Apr. 7, 1922. Serial No. 550,333. 1 Claim. (Cl. 46—47.)



A toy comprising a substantially rectangular body and rotatable carrying axles therefor, transverse spindles supported in the side walls of the body, vertical stub shafts supported within the body and having operative connections with the spindles, said stub shafts having their upper ends grooved, partially tubular members mounted over said vertical shafts, transverse pins carried by said tubular members and engaging the grooved ends of the stub shafts, reduced vertical extensions on said tubular members forming an annular shoulder, radial arms mounted on the reduced extension and resting upon the shoulder, sounding devices carried by the arms and extension and means forming operative connection between the spindles and one of the carrying axles whereby to impart movement to the sounding devices upon movement of the axles.

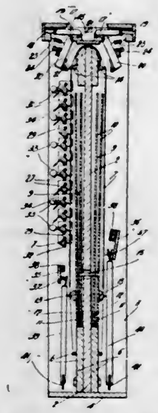
1,570,512. SANITARY CUSPIDOR. SKILES F. MASSY, Pittsburgh, Pa. Filed Sept. 22, 1925. Serial No. 57,884. 3 Claims. (Cl. 4—285.)

1. A sanitary cuspidor comprising a bowl having its upper end directed inwardly and terminating in a restricted opening, a vertical flange extending from said upper end and surrounding said opening and being spaced from the peripheral edge thereof, a receptacle removably fitted into said bowl and extending through and beyond the restricted opening, the upper portion of the receptacle extending above said flange and the edge of said opening being in contact the wall of the receptacle, a funnel shaped mouth having its lower end telescoping into the upper end of the receptacle and flaring outwardly beyond said upper end, and the body



portion of the bowl, a collar depending from the intermediate portion of said mouth and telescopically engaged with said flange, and coacting means between the flange and collar for detachably connecting the collar with the flange.

1,570,513. PIANOFORTE. EDGAR MAXTED-MASSEY, South Ashford, England. Filed Nov. 8, 1924. Serial No. 748,656. 12 Claims. (Cl. 84—175.)



8. A musical instrument of the pianoforte type comprising a central frame with strings arranged upon both sides thereof, sound boards mounted upon the frame and carrying bridges over which the strings pass and suitable hammers adapted to strike the strings when actuated by the player, the frame and the strings and the sound boards being mounted in a casing provided with a series of keys at its upper end and adapted to actuate hammers to strike the strings upon both sides of the frame, strikers being mounted in front of the casing and each being provided with a series of projections or hammers adapted to strike two or more notes at one operation so that each striker will sound a suitable chord.

1,570,514. PROCESS OF MANUFACTURING ACETIC ANHYDRIDE. RUDOLF MEINGAST and MARTIN MUGDAN, Munich, Germany, assignors to Consortium für Elektrochemische Industrie G. m. b. H., Munich, Germany. Filed Mar. 6, 1923. Serial No. 623,161. 16 Claims. (Cl. 260—123.)

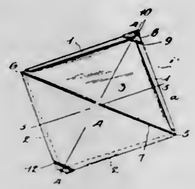
1. The process of manufacturing acetic anhydride which consists in heating the vapors of acetic acid to from 400° C. to 800° C. in the absence of base metals and of metal oxides.

1,570,515. HAND BAG. ELLIE MELTZER, New York, N. Y. Filed Apr. 28, 1925. Serial No. 26,457. 7 Claims. (Cl. 150—28.)



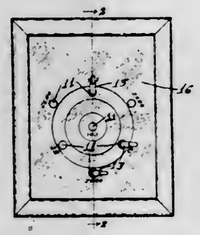
1. A lady's hand bag, comprising a pocketbook structure and covering side members therefor, each side member being formed with a flap, and means for fastening both flaps on the same side of the pocketbook.

1,570,516. SHINGLE. THOMAS D. MILLER, Clarksville, Md. Filed May 24, 1924. Serial No. 715,644. 7 Claims. (Cl. 108—17.)



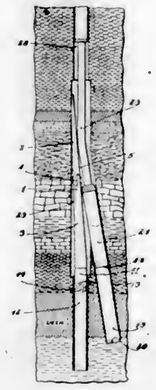
7. A shingle comprising a substantially square plate having upper and lower triangular halves offset from one another along a diagonal line and the lower corner portion of the lower half being downwardly offset along a line parallel with said diagonal line.

1,570,517. GAME. HOWARD B. MINNICK, Chicago, Ill. Filed May 3, 1922. Serial No. 558,149. 1 Claim. (Cl. 273—115.)



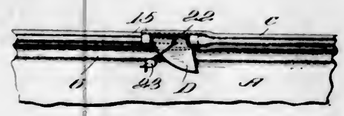
A game comprising a receptacle and a transparent cover therefor; a plate positioned in the base of the receptacle and provided with a plurality of recesses to receive and temporarily retain movable objects, said recesses bearing certain numbers or zero characters; being arranged circumferentially around a center, said plate being painted with stripes similar to the bull's eye on a target hazards on the plate positioned in close proximity to their respective recesses; movable objects to be seated in the recesses, substantially as and for the purposes set forth.

1,570,518. METHOD AND APPARATUS FOR DRILLING HOLES. JOSEPH STUART MITCHELL, Chicago, Ill., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Mar. 26, 1919. Serial No. 285,379. 13 Claims. (Cl. 255—1.)



7. In a core drilling apparatus, a flexible cutting mechanism having a plurality of cutting tools mounted in longitudinal spaced relation thereon, and a deflecting mechanism cooperating therewith to change the direction of the hole.

1,570,519. FASTENING AND CLAMPING RING. GEORGE EUGENE MITTINGER, Cleveland Heights, Ohio. Filed Mar. 25, 1925. Serial No. 18,171. 8 Claims. (Cl. 220—61.)

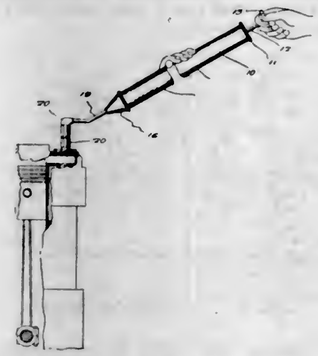


1. A device for clamping and fastening the cover of a container in place, comprising a ring provided with openings, a locking and clamping lug carried by the cover and having a curved outer edge, and said lug adapted to enter and engage said ring openings, whereby the application of the ring over the lug clamps and fastens the ring in place.

1,570,520. TESTING APPLIANCE. ARTHUR O. OEHRLI, Williamsport, Pa. Filed May 25, 1923. Serial No. 641,526. 1 Claim. (Cl. 137—75.)

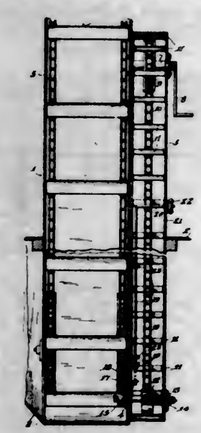
In a device of the character described, a pair of tubular elements each of which is provided with exterior screw threads at one end and one of which has interior screw threads to receive the adjacent threaded end of the other section, and the other exterior screw threaded end being adapted to be received in the spark plug opening of an internal combustion engine cylinder, wrench engaging surfaces formed upon each of the tubular sections,

a lateral nipple formed upon the upper end of one of the sections, and a conduit having a portion of its length in alignment with the nipple and engaged therewith, and



the remainder of its length extending upwardly at an oblique angle with respect to the vertical and adapted to communicate with a pump barrel.

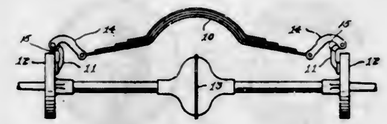
1,570,521. GRAIN-ELEVATOR ATTACHMENT. HECTOR H. PARLIAMENT, Henry, S. Dak. Filed Sept. 11, 1925. Serial No. 55,743. 3 Claims. (Cl. 198—207.)



1. An attachment for the lifting leg of a grain elevator comprising a casing adapted to be secured to one side of said leg and having a discharge spout at its upper end, means for establishing communication between the lower end of the casing and the lower end of said leg, grain elevating means arranged within said casing, and means operated from said elevating means and extending into the lifting leg for conveying grain from the latter into the path of said elevating means.

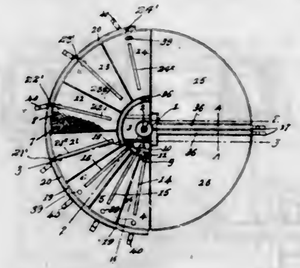
1,570,522. ROAD EQUALIZER. CHESTER J. PATTERSON, Lancaster, Pa. Filed June 13, 1924. Serial No. 719,850. 2 Claims. (Cl. 267—54.)

1. The combination with a motor vehicle including axles and body supporting springs of equalizers for equalizing the action of uneven road surfaces, comprising perches, rigidly carried by the axle structure, suspension members pivotally carried by the perches and normally extending inwardly and downwardly from their points of connection with the perches, the inner lower ends of said suspension members being pivotally connected to the vehicle springs, certain of said suspension members



having laterally curved snubber extensions on their free ends extending beneath the adjacent portions of the springs.

1,570,523. FILTRATION OF WATER OR LIQUID. REGINALD HUMPHREY LEE PENNELL, Cairo, Egypt. Filed Apr. 24, 1922. Serial No. 556,222. 6 Claims. (Cl. 210—125.)

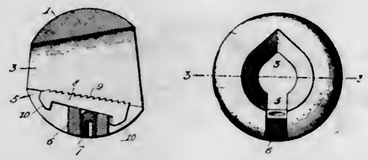


1. Water or liquid filtering apparatus, comprising in combination a well having an inlet at its upper part for the admission of crude liquid and an outlet for liquid at its lower part, a catch-pit chamber communicating at its lower end with said outlet and having near its upper end a discharging orifice, a series of pre-filtering devices, said devices increasing in area successively and each comprising an upper and lower chamber, a foraminous false bottom separating the chambers, and a filtering medium carried by the false bottom, said medium being of a finer grade in successive devices, means for conducting liquid from said discharging orifice to the lower chamber of the first pre-filtering device in the series, means for conducting liquid in turn from the upper chamber of a pre-filtering device and discharging it into the lower chamber of the pre-filtering device next in series, a tank provided with a foraminous false floor, a sand filtering medium carried by the last said floor, means for withdrawing liquid from the upper chamber of the pre-filtering device last in the series and discharging same above the said sand filtering medium, means for collecting the liquid which percolates through the sand medium, and a filtered water reservoir in communication with said collecting means, substantially as described.

1,570,524. WEIGHT FOR THE HORNS OF CATTLE. FRANK H. PETERSEN, Denver, Colo., assignor of one-half to Carl N. Rose, Denver, Colo. Filed Mar. 7, 1924. Serial No. 697,639. 1 Claim. (Cl. 128—76.)

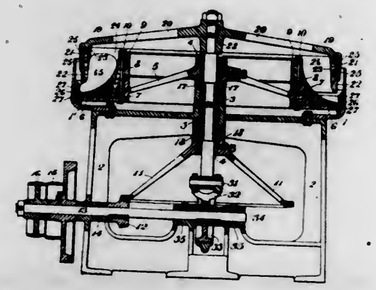
A horn weight of the character described, comprising a weight having a tapered horn-receiving hole, the outer half of which is V-shaped in cross section; a keyway extending through said weight at right angles to the horn-receiving hole, and intersecting said hole; a central bridge block connecting the sides of said keyway and having an inclined top; a tapered key adapted to rest upon said inclined top; an edged rib on the top of said key and diagonally disposed to the longitudinal axis of

said key, which is adapted to impinge against the horn when the key is drawn forward and thereby wedge the weight upon the horn, said key having depending stops



at its ends, and a screw which passes through said bridge block, and impinges against said key to prevent slipping of the same.

1,570,525. DOUGH-MOLDING AND LIKE MACHINE. WILLIAM HEYCOCK RIPPIN, Desford, near Leicester, England. Filed Oct. 11, 1922. Serial No. 593,835. 4 Claims. (Cl. 107—9.)



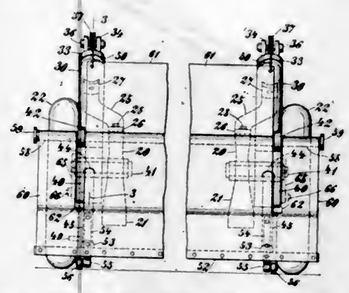
4. A dough molding or like machine, having an annular rotor, an annular stator within which the rotor is disposed to provide an intermediate annular molding trough, an annular press ram forming the striker part of the stator and also disposed within the stator body and adapted for vertically reciprocating positive and unyielding movement over and within the molding trough, said annular press ram or striker embodying a depending annular flange slidable loosely within the body part of the stator and arranged to cooperate with shaped renewable sectors fitted within the exterior angle of the rotor frame and within the interior angle of the stator body, said depending annular flange being also fitted with shaped renewable sectors.

1,570,526. SPRING BUMPER FOR AUTOMOBILES. FREDERICK D. ROBINSON, Baldwinsville, N. Y., assignor to Penn Spring Works Incorporated, Baldwinsville, N. Y., a Corporation of New York. Filed Oct. 3, 1924. Serial No. 741,371. 8 Claims. (Cl. 293—55.)



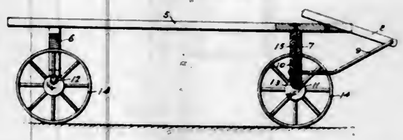
1. An automobile bumper comprising a resilient impact member having bolt-eyes at both ends, and supporting means for the impact member including reversely arranged spring loops having outer convex portions facing the adjacent bolt-eyes a sufficient distance inwardly therefrom to allow the bolt-eye ends of the impact member to flex in the direction of convexity of said convex portions relatively thereto.

1,570,527. COMBINED BUMPER AND FENDER. LOUIS RONCA and STANISLAO SANTORO, Jersey City, N. J., assignors, by direct and mesne assignments, to Bumper and Fender Co. Inc., Jersey City, N. J., a Corporation of New Jersey. Filed July 5, 1924. Serial No. 724,317. 5 Claims. (Cl. 293—25.)



1. In a bumper and fender the combination of a cylinder supported on a vehicle, a plunger adapted to reciprocate in and extending through one end of the cylinder, means to move the plunger through said end of the cylinder, a bumper connected to the lower end of the plunger, a spring actuated shade roller journaled adjacent to the cylinder, a pair of curtains with one end of each connected to the shade roller, the other end of one curtain connected to the bumper and the other end of the other curtain in connection with the other end of the plunger and means to detachably lock the plunger in its raised position.

1,570,528. COASTER WAGON. LEON R. SCHAFFNER, Fort Dodge, Iowa. Filed Aug. 21, 1922. Serial No. 583,165. 1 Claim. (Cl. 280—87.5.)



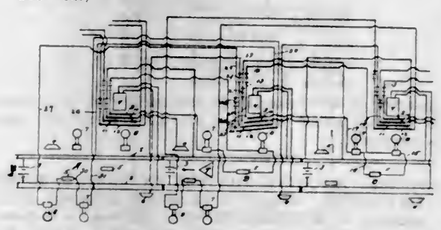
The combination with the platform of a coaster of a front bolster therefor, said bolster being rigidly secured to the underside of said platform and having its free edge provided with a curved rocker edge, an axle beam arranged in juxtaposition to the said front bolster, the same being provided with a curved rocker edge adapted to abut the curved edge of the bolster, a king pin rigidly carried by the front bolster and loosely extending thru a downwardly diverging slot formed in the axle beam whereby pivotal and rocking motion is permitted between the said front bolster and axle beam, an axle carried by said axle beam and wheels eccentrically mounted on the said axle.

1,570,529. MANUFACTURE OF MARGARINE AND EDIBLE FATS. EINAR VIGGO SCHOU, Palsgaard, near Juelsminde, Denmark. Filed Oct. 14, 1921. Serial No. 507,689. 10 Claims. (Cl. 99—13.)

1. A process for the manufacture of edible compositions of the kind referred to which comprises dissolving an oil soluble water dispersing medium derived from fatty oils in an oily constituent, and distributing the watery constituent in the oily or fatty constituent until a state of permanent dispersion is reached.

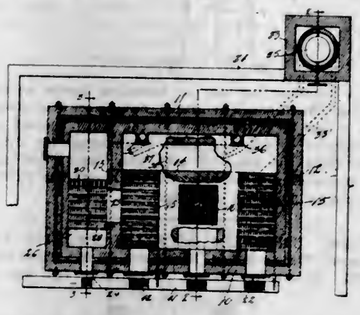
4. Edible compositions of the kind referred to in which the oily constituent containing an oil soluble water dispersing medium derived from fatty oils forms the outer phase and the watery constituent the inner phase of a stable emulsion.

1,570,530. TRAIN-CONTROL SYSTEM. JUDSON SHOECRAFT, Eskridge, Kans. Continuation of application Serial No. 711,712, filed May 7, 1924. This application filed Nov. 1, 1924. Serial No. 747,265. 7 Claims. (Cl. 246—63.)



4. In a train control system, the combination of a cautionary inductive control and an emergency contact control, and electrical circuits serving when energized to render both controls ineffective.

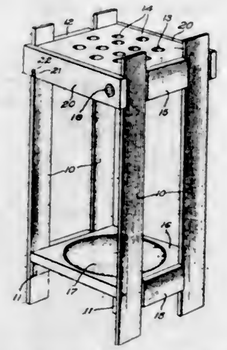
1,570,531. INCINERATOR. JOHN W. STOKES, Dallas, Tex. Filed May 7, 1925. Serial No. 28,533. 3 Claims. (Cl. 110—8.)



1. In an incinerator, the combination of a main combustion chamber having a plurality of spaced transversely alined grates, an auxiliary combustion chamber separate from said main combustion chamber and disposed at one side thereof and parallel therewith, a grate in the auxiliary combustion chamber disposed in alinement with the grates in the main combustion chamber, a wall between said chambers having a restricted flue passage connecting the said chambers for the flow of the flames and products of combustion across the main combustion chamber and laterally into the auxiliary combustion chamber, a transversely extending horizontal flue beneath the floor of the main combustion chamber in rear of the line of the grates, a downdraft flue leading to one end of said passage from the auxiliary combustion chamber in rear of the grate therein, a stack in communication with the opposite end of said flue, and vertical return flues communicating with the horizontal flue between the downdraft flue and outlet to the stack and leading from said horizontal flue to the top of the main combustion chamber.

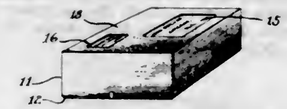
1,570,532. ARTICLE OF FURNITURE. ABRAHAM LINCOLN STROUSE and SAMUEL WEINSCHENK, New York, N. Y.; said Strouse assignor of his entire right to Nathan Shaw, New York, N. Y. Filed Nov. 28, 1924. Serial No. 752,698. 2 Claims. (Cl. 45—33.)

1. A knockdown umbrella stand, comprising upper and lower end members, side members, and means for separably holding all of said members in set-up condition in which the end members are spaced from each other and in which the said side members are spaced from each other, said means comprising portions on the end members which fit between portions on the side members and



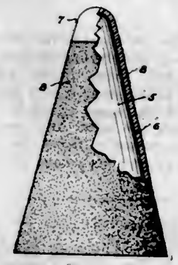
locking members pivotally connected to one of said side members and releasably engageable with the other side member.

1,570,533. MAILING BOX. HARRY H. STYLL, Southbridge, Mass. Filed Apr. 7, 1924. Serial No. 704,679. 5 Claims. (Cl. 229—6.)



5. A mailing box of the character described comprising a box member and a cover therefor, a removable address sheet and a member carried by the cover movable into and out of an operative position to hold or release the address sheet.

1,570,534. BOBBIN. EDWARD SWEENEY, Norristown, and GEORGE A. HUNSBERGER, Pottstown, Pa. Filed Dec. 3, 1923, Serial No. 678,257. Renewed Dec. 9, 1925. 5 Claims. (Cl. 242—120.)

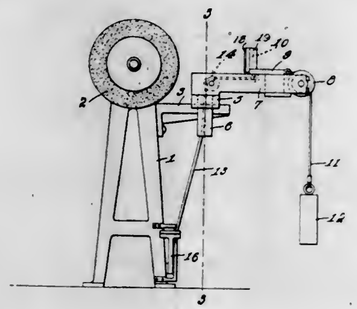


2. As a new article of manufacture, a cover for yarn bobbins formed of sponge rubber and having a rough outer surface, the outer surface of the apex portion of said covering being smooth.

1,570,535. GRINDING MACHINE. WALTER SWIDERSKI, Monroe, Mich., assignor of one-half to James J. Kelly, Monroe, Mich. Filed July 7, 1923, Serial No. 650,066. Renewed Sept. 9, 1925. 3 Claims. (Cl. 51—240.)

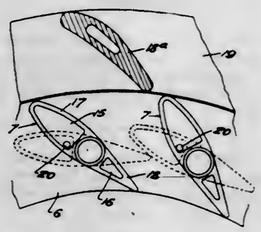
1. In combination with a frame having a revoluble grinding wheel thereon, of means for advancing work to

the wheel, comprising a plate pivotally associated with the frame and susceptible to rotary and longitudinal adjustment thereon, a work holder pivotally associated



with the plate, a feed block carrying a jaw slidable on the work holder, weighted means holding the block in one position, and pedal operated means for moving the block in the direction of the grinding wheel.

1,570,536. GATE STOP FOR TURBINE CONSTRUCTION. HARALD SIVERTSEN, York, Pa., assignor to S. Morgan Smith Company, York, Pa., a Corporation of Pennsylvania. Filed Feb. 20, 1925. Serial No. 10,619. 5 Claims. (Cl. 253—122.)



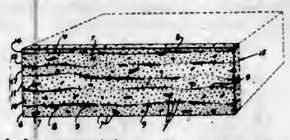
1. The combination with a turbine and runner, of gate means mounted to have pivotal swinging operation and provided with an open space therein with opposite wall portions, and stop means secured to a part of the turbine and projecting into the open space of the gate means and concealed within the latter and operative with relation to said wall portions to limit the movement of the gate means in the event of breakage of the operating devices therefor.

1,570,537. ABSORBENT MATERIAL AND PROCESS OF MAKING SAME. CLARK S. TEITSWORTH, Lompoc, Calif., assignor to The Celite Company, Los Angeles, Calif., a Corporation of Delaware. Filed Mar. 27, 1924. Serial No. 702,474. 21 Claims. (Cl. 23—182.)

1. The process of preparing a silica gel which consists in allowing silicic acid to set to a gel in contact with an added porous substance.

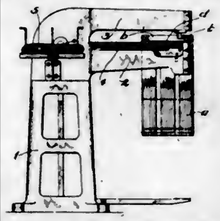
1,570,538. METHOD OF MAKING ARTIFICIAL STONE. JAMES THOMAS, Montrose, Calif. Filed Mar. 24, 1925. Serial No. 17,922. 3 Claims. (Cl. 25—155.)

1. The herein described method of forming artificial stone, which consists in forming a cementitious mixture of semi-fluid consistency and pouring the same into a mold form in a plurality of layers, and depositing a small



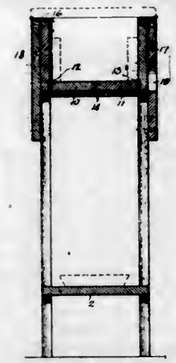
quantity of dry material on the surface of each layer to form stratified veins, in the mass when the same is hardened.

1,570,539. MACHINE FOR USE IN MAKING BOXES OR CRATES. OSCEOLA C. THOMPSON, Rockaway, N. J., assignor to Wirebounds Patents Company, a Corporation of Maine. Filed Mar. 24, 1921. Serial No. 455,301. 15 Claims. (Cl. 1—11.)



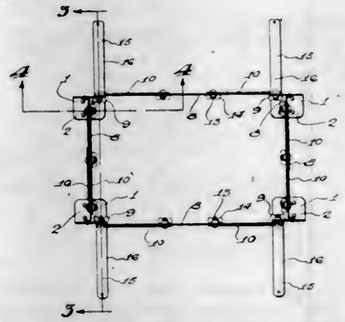
8. A machine for use in fastening heads or ends to cleat-reinforced boxes or crates, having an arm adapted to enter a box or crate, close to the sides thereof and in the corners, which comprises mechanism for driving a staple from the nose of said arm; and cleat-engaging work-controlling means movable in a circular path about the driving point as a center.

1,570,540. UMBRELLA RACK AND SMOKING STAND. SAMUEL WEINSCHENK, New York, N. Y. Filed Mar. 12, 1925. Serial No. 15,000. 6 Claims. (Cl. 45—33.)



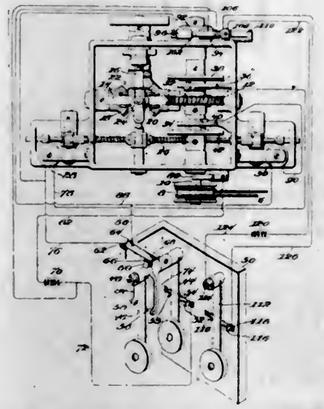
6. A combined umbrella rack and smoking stand, comprising a plurality of supporting legs, means forming a chamber for the top of said legs, said chamber being open at the top and one side, the bottom of said chamber being formed by a pair of hinged members capable of being moved from a horizontal to a vertical position, a hinged door for closing the open side of said chamber, and a pair of hinged covering members for closing the top of said chamber, one of said covering members having a plurality of apertures whereby umbrellas may be passed therethrough, the hinged bottom members being moved to a vertical position when the apertured top member is used in order to permit the umbrellas to extend downwardly beyond this chamber.

1,570,541. SCAFFOLD OR STAGING. CHARLES M. WEST, Chicago, Ill. Filed Apr. 4, 1923, Serial No. 629,860. Renewed Sept. 10, 1925. 1 Claim. (Cl. 304—2.)



Staging and scaffolding comprising a plurality of corner posts, horizontal platform supporting rails, bolts detachably and adjustably connecting said rails to said posts, drop cloth supporting arms, said drop cloth supporting arms having down turned attaching portions engaging between certain of said rails and said posts, said drop cloth supporting arms being attached to the posts by means of the rail attaching bolts, diagonal braces adjustably and detachably connected to said posts and detachably connected to said rails, and casters carried by said posts.

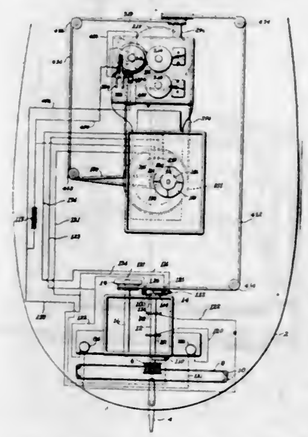
1,570,542. EQUILIBRATING APPARATUS. ERASTUS E. WINKLEY, Lynn, Mass. Filed Sept. 28, 1920. Serial No. 413,447. 6 Claims. (Cl. 244—29.)



1. A controlling apparatus for an object having, in combination, a guiding device, and means for moving the guiding device in a direction to restore the object to normal position upon its displacement therefrom until the object starts to return to normal, for moving the guiding device in the opposite direction following a return movement of the object and to stop said movement upon the return of the object to normal position.

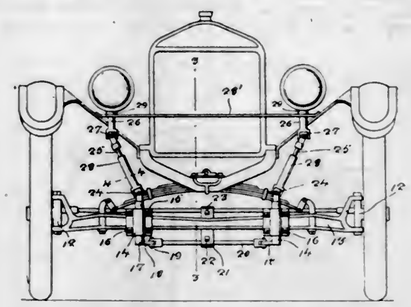
1,570,543. STEERING APPARATUS. ERASTUS E. WINKLEY, Lynn, Mass. Filed Sept. 28, 1920. Serial No. 413,448. 21 Claims. (Cl. 114—23.)

1. A controlling apparatus for a moving object having, in combination, a guiding device movable relatively to the object in opposite directions from normal position to change the direction of travel of the object, mechanism acting when thrown into operation to move the guiding device relatively to the object, to maintain the guiding device in the position moved until the direction of travel of the object has been changed a predetermined



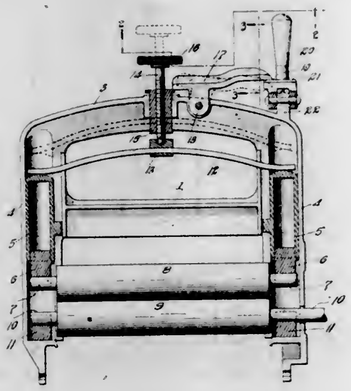
amount and to then return the guiding device to its normal position, and means acting automatically to throw said mechanism into operation and to throw said mechanism out of operating when the guiding device has been returned to normal position.

1,570,544. MOVABLE HEADLIGHT. FRANK EDWARD ZINN, Hartford, Conn. Filed Dec. 13, 1924. Serial No. 755,731. 2 Claims. (Cl. 240—62.)



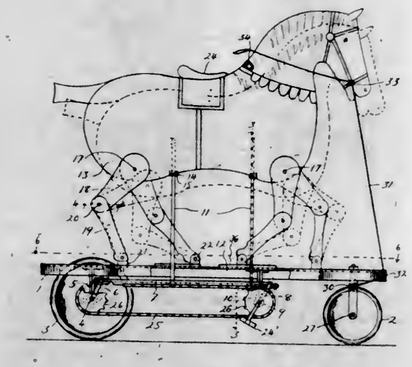
1. A movable headlight attachment for use upon vehicles comprising a pair of spaced castings secured to the front axle of the vehicle, a pair of substantially L-shaped members having their long arms journaled within the bearing castings, a cross rod pivotally secured to the end of the short arms of their L-shaped members, a double hook like member connected intermediately of the radius rod and the cross rod, a pair of telescopic sections keyed together and having their lower ends universally joined to the ends of the long arm of the L-shaped member, said telescopic sections being universally joined to the lower ends of the lamp posts, and a brace rod extending transversely of and associated with the lamp brackets whereby the latter may be easily swung in the same path of movement with the motor vehicle wheels.

1,570,545. WRINGER. ALPHEUS W. ALTORFER, Peoria, Ill., assignor to Altorfer Bros. Company, East Peoria, Ill., a Corporation of Illinois. Filed Apr. 10, 1924. Serial No. 705,558. 4 Claims. (Cl. 68—32.)



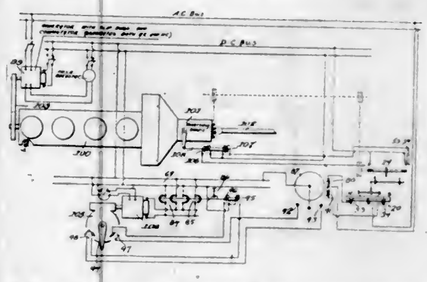
1. In a wringer, in combination, a wringer frame, wringer rolls journaled in said frame, a single means to apply pressure at a central point mediate the ends of said rolls resulting in impinging frictional contact between said rolls, means to hold said pressure applying means, and a control member at one end of said frame to co-act with said holding means and pivoted to the frame to be swung cross-wise thereof in either direction.

1,570,546. VEHICULAR TOY. WILLIAM H. APPLEBY, Windsor, Ontario, Canada, assignor of one-fourth to Roy Rodd, Windsor, Ontario, Canada. Filed Jan. 10, 1925. Serial No. 1,645. 11 Claims. (Cl. 208—42.)



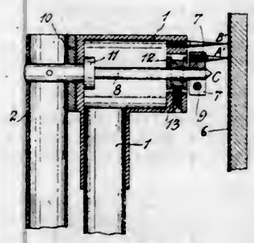
1. In a device of the character described, the combination with an animal figure providing a seat for an operator, and front and rear wheels upon which said figure is adapted to travel, the front wheel being swiveled for steering purposes, of a pair of reins controlling swivel movement of said front wheel, and guide members for said reins carried upon opposite sides of the head of the animal figure and simulating bridle rings.

1,570,547. TRACTOR. ARCH U. AVERA, Florence, Ala. Filed June 18, 1921. Serial No. 478,610. 6 Claims. (Cl. 172—8.)



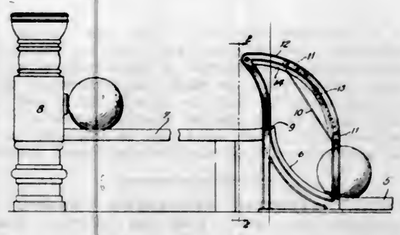
6. In a self propelled vehicle, the combination of a prime mover, and driving means and automatic steering and reversing means deriving energy from said prime mover.

1,570,548. PROFILOGRAPH. DAVID BERGE, Trondhjem, Norway. Filed Apr. 18, 1924. Serial No. 707,504. 3 Claims. (Cl. 33—18.)



1. A profilating apparatus including a two-legged compass, the lower ends of said legs forming points adapted to be placed in contact with the ground, two marking points on the compass arranged on a line parallel to a line drawn through the points of the legs, and a recording board adapted to carry a record sheet and provided with leveling means to permit the operator to maintain the board in a predetermined position while pressing the board against said marking points.

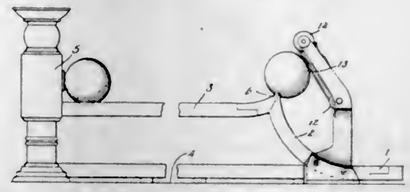
1,570,549. BOWLING-ALLEY BALL RETURN. JOSEPH W. BISHOP, Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del., a Corporation of Delaware. Filed Jan. 9, 1924, Serial No. 685,112. Renewed Sept. 14, 1925. 5 Claims. (Cl. 273—47.)



1. A bowling alley ball return comprising a return track, an elevated receiving track in alignment with the return track, a curved track intermediate of the return

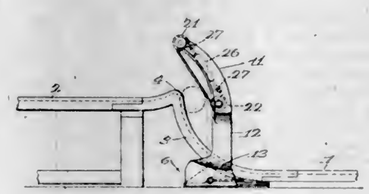
track and the receiving track and connecting the adjacent ends thereof, and curved guide tracks disposed opposite to the juncture of the curved track with the receiving track.

1,570,550. BOWLING-ALLEY BALL RETURN. JOSEPH W. BISHOP, Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del., a Corporation of Delaware. Filed Sept. 29, 1924. Serial No. 740,539. 11 Claims. (Cl. 273—47.)



1. A bowling alley ball return comprising a return track, an elevated receiving track in alignment with the return track, an upwardly curved track intermediate of the return track and the receiving track and connecting the adjacent ends thereof, and means adjacent said curved track for changing the direction of travel of the ball when it reaches the top of the curved track.

1,570,551. BOWLING-ALLEY BALL RETURN. JOSEPH W. BISHOP, Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del., a Corporation of Delaware. Filed Sept. 4, 1925. Serial No. 54,428. 10 Claims. (Cl. 273—47.)

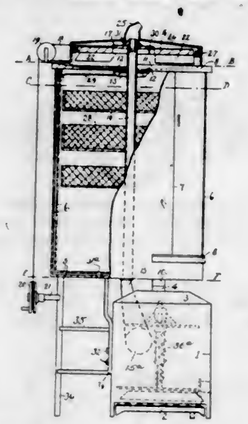


1. A bowling alley ball return comprising a return track, an elevated receiving track in alignment therewith, an upwardly curved track connecting the adjacent ends of said return and receiving tracks, a buffer forming a combined deflector and retarder adjacent the juncture of said receiving track and said connecting track, and means for adjusting said buffer longitudinally of said tracks.

7. A bowling alley ball return comprising a support formed of spaced standards, a pair of rolls, a strap trained over said rolls and terminating at each end in a loop, a transverse pin disposed in each loop, the material of said strap being cut away to form a slot at each pin, and a turnbuckle having hooks inserted in said slots to engage said pins and fasten said strap in place on said rolls.

1,570,552. COMBINED BOILING, WASHING, CONDENSING, AND DRYING MACHINE. JOHN WAINWRIGHT BOWERBANK, Kidderminster, England. Filed Apr. 5, 1924. Serial No. 704,540. 5 Claims. (Cl. 34—22.)

1. A boiling, washing, condensing and drying machine, comprising in combination, a boiler, means for heating said boiler, water circulating means within said boiler, a drying chamber, means for heating said chamber by the

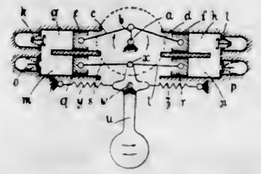


steam and waste heat from the boiler, means for returning condensation water to the boiler, and means for ventilating said drying chamber and articles therein.

1,570,553. PROCESS FOR THE MANUFACTURE OF CELLULOSE SOLUTIONS. ALEXANDER CLASSEN, Aachen, Germany, assignor to The Commercial Alcohol Company, Limited, London, England, a British Company. Filed Aug. 18, 1924. Serial No. 732,886. 17 Claims. (Cl. 127—37.)

1. A process for the manufacture of cellulose solutions in concentrated hydrochloric acid, consisting in causing hydrochloric acid to act at a moderate temperature upon material containing cellulose in the presence of metallic contact substances which are not readily attacked by hydrochloric acid.

1,570,554. PUMP. GEORGE CONSTANTINESCO, Weybridge, England. Filed July 25, 1923. Serial No. 653,775. 2 Claims. (Cl. 103—206.)

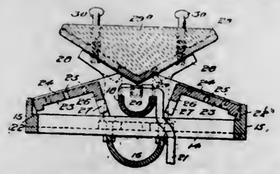


1. In combination a piston pump for liquids, and oscillating solid mass, and means for oscillating the said mass by fluid pressure generated in the pump with the same frequency as that of the pump delivery but with an amplitude which increases with increase of the delivery head of the pump, and decreases with decrease of the said head.

1,570,555. LIQUID-FUEL BURNER. JAMES M. DIAL, Bogart, Ga. Filed Mar. 31, 1925. Serial No. 19,662. 9 Claims. (Cl. 158—91.)

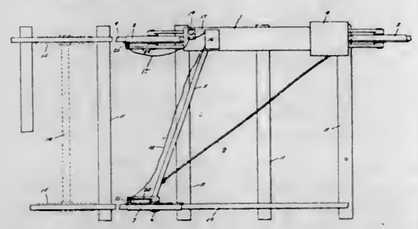
9. A liquid fuel burner including in combination a burner body, a burner trough supported within said body, means for supplying liquid fuel to the burner trough, a baffle plate upon each side of said burner trough arranged and adapted to direct an air supply into the path of the products of combustion, oppositely

disposed ports through the inner downturned edges of said baffle plates for delivering the air supply in a multiplicity of independent streams, a centrally posi-



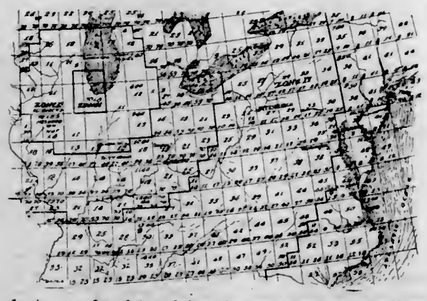
tioned drip pan beneath the burner trough, an overflow pipe from the latter, and means under control of said overflow for closing a cut-off valve in the supply pipe line.

1,570,556. SAFETY APPLIANCE FOR RAILWAY HAND CARS. VITANDREA DI TOMMASO, Moody, Oreg. Filed Apr. 2, 1924. Serial No. 703,701. 2 Claims. (Cl. 246—64.)



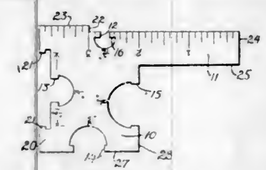
2. A safety appliance for hand cars comprising the combination of a hand car consisting of a frame for supporting a pair of wheels in tandem relation, an arm of non-conducting material attached to the frame adjacent one of its ends, the free end of said arm supporting an axle and a wheel arranged in parallel relation with one of the first mentioned wheels, a brace rod between said frame and said arm, an electrically operable signal mechanism, a normally broken electric circuit for operating the signal mechanism whenever the circuit is completed, a source of electrical energy on the car frame, a bracket support carried by the axle of each of the parallel wheels, and a brush contact member carried by each of said brackets in engagement with its respective wheel for making electric connection between said broken circuit and said wheels whereby upon the approach of another vehicle in the track, the signal mechanism will be actuated.

1,570,557. MAP. BENJAMIN A. DICKSON, Indianapolis, Ind. Filed Nov. 17, 1924. Serial No. 750,298. 5 Claims. (Cl. 283—34.)



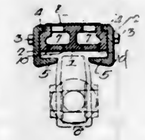
1. A map for determining the more economical of two shipping agencies to be employed in shipping parcels to or from a certain base point, said map being divided into a plurality of blocks and having designations in each block indicating the limiting weight below which parcels may be shipped at less cost by one agency than by the other.

1,570,558. GAUGE. HENRY E. DURTSCHE, Galion, Ohio. Filed Apr. 27, 1925. Serial No. 26,009. 4 Claims. (Cl. 33—168.)



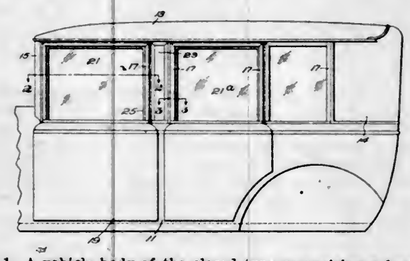
1. A gauge having a body portion and having a lateral extension integral therewith and projecting from one edge of the body portion, said extension being provided with a scale, and the body portion having a recess in one of its other edges to define an outside measurement.

1,570,559. CROSSHEAD GUIDE. EDWARD O. ELLIOTT, Philadelphia, Pa., assignor to The Baldwin Locomotive Works, Philadelphia, Pa., a Corporation of Pennsylvania. Filed June 2, 1924. Serial No. 717,387. 2 Claims. (Cl. 308—3.)



1. The combination in a guide for a cross head, of a body portion having a longitudinal cavity open at the top and having a series of holes in the bottom communicating with the cavity; means for covering the opening; and a side guide bar secured to each side of the body portion, said side guide bars having upper and lower flanges, the upper flange of each side bar extending over the body portion, and the lower flange of each side bar extending under the body portion, and forming, with the body portion, a guide for a cross head.

1,570,560. BODY CONSTRUCTION FOR VEHICLES. WILLIAM H. EMOND, Syracuse, N. Y. Original application filed Sept. 13, 1923, Serial No. 662,472. Divided and this application filed Dec. 14, 1925. Serial No. 75,280. 10 Claims. (Cl. 296—44.)



1. A vehicle body of the closed type comprising a lower body section from which rise permanent top-supporting posts, said body section having an opening cooperating with certain of the posts to define a door opening, a door for said body opening, a metallic window frame fixedly carried by said door and having continuous side members within which the window slides between an

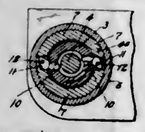
extreme raised position and an extreme lowered position beneath the belt line and which permanently project above the belt line of the door and which close between said posts.

1,570,561. NECKTIE PRESS. WILLIAM H. GEIS, Jr., New York, N. Y. Filed May 16, 1925. Serial No. 30,810. 2 Claims. (Cl. 223—19.)



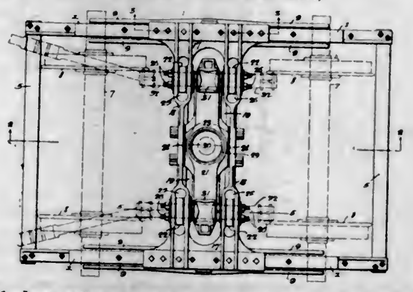
1. A necktie presser comprising a member formed of a single strip of springy material having its ends curved in the same direction, said member adapted to be flexed midway between its ends to bring said curved ends into co-acting position to form a continuous band adapted to receive a necktie in a wound condition, the ends of said member tending to expand to exert a longitudinal pull on the necktie.

1,570,562. WRINGER. BENJAMIN E. GETZ, Morton, Ill., assignor to Getz Power Washer Co., Morton, Ill., a Corporation of Illinois. Filed Apr. 26, 1924. Serial No. 709,111. 3 Claims. (Cl. 68—32.)



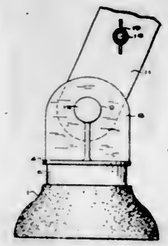
1. In a swinging wringer, a tubular support provided with an annular flanged seat opening out of its upper end, a wringer frame swingable on said support and provided with a tubular sleeve journaled in said support, a sectional gripping ring arranged within said seat, cam-like members between said rings arranged to be operated by said frame, when the frame is swung in one direction to cause said ring members to frictionally impinge with the flange of said seat, and manually operable means to release said cam-like members, whereby said frame may be swung in either direction.

1,570,563. RAILWAY TRUCK. HARRY GLAENZER and JOHN S. KEEN, Philadelphia, Pa., assignors to The Baldwin Locomotive Works, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 11, 1925. Serial No. 29,429. 6 Claims. (Cl. 105—190.)



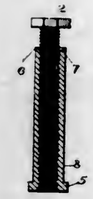
1. In a railway truck, the combination with the truck wheels, the axles, the journal boxes and the main frame, of means for supporting the main frame on the said boxes, a transverse bolster support extending across the main frame and comprising two transverse members with a transverse recess between them, a bolster located in the said recess and adapted to support a car body, two pairs of links respectively located at opposite sides of the center of the truck and connected with the respective transverse members and serving to support the bolster on the bolster support while permitting it to move laterally in the said recess, and two pivot pins at one end of each link and engaging it only at their outer sides so that pivotal movement can take place about either of them.

1,570,564. LADDER FOOT. JOSEPH LEWIS HAMEL, Buffalo, N. Y. Filed May 14, 1925. Serial No. 30,296 1 Claim. (Cl. 228—62.)



A ladder foot, comprising a socket member, a suction cup secured to the socket member, a pair of lugs having orifices therein and extending upwardly from the socket member, and a pair of plates having bosses thereon adapted to be detachably secured to a ladder rail, the bosses being adapted to be inserted into the orifices in the lugs.

1,570,565. COMBINED BOLT AND NUT. WALTER B. HANNER, Glenwood, N. C. Filed Feb. 14, 1925. Serial No. 9,292. 2 Claims. (Cl. 151—2.)

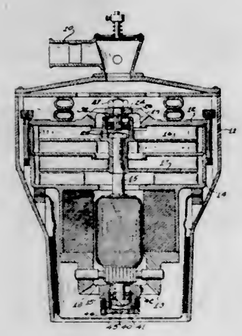


1. A bolt adapted to penetrate a plurality of pieces of material for the purpose of securing said pieces together, a nut adapted to threadably engage said bolt, said nut having its face portion which is nearest the head of the bolt hollowed at its central portion, and having a knife-like edge of circular formation at the peripheral portion of said face adapted to imbed itself in the head of the bolt when in tightened position.

1,570,566. BEARING CONSTRUCTION. CLINTON H. HANSON, Chicago, Ill., assignor to Motor Player Corporation, a Corporation of Illinois. Filed Mar. 31, 1921. Serial No. 457,339. 1 Claim. (Cl. 308—227.)

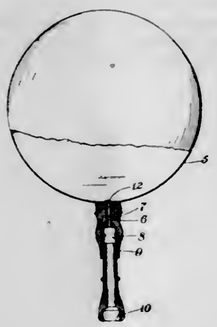
In combination, a vertical motor shaft, a frame comprising a support therefor, a fan blade mounted at one end of the shaft and having a hollow hub projecting

beyond the end thereof, a stem extending downwardly from the frame and cooperating with the hub to form an upper bearing for said shaft, said frame having a



recess in the bottom thereof, the walls of said recess cooperating with the shaft to form a bottom bearing therefor, and a closure member for each of said recesses.

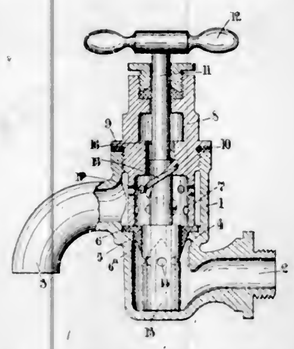
1,570,567. TOY BALLOON. LEVVA R. HOLYCROSS, Columbus, Ohio. Filed June 10, 1922. Serial No. 567,486. 4 Claims. (Cl. 46—46.)



1. A toy balloon comprising, in combination, an inflatable member provided with a stem having a sound producing vibrant member and a socket, and a horn having a tapered end adapted to be movably applied to and longitudinally shifted in said socket for varying the sound emitted.

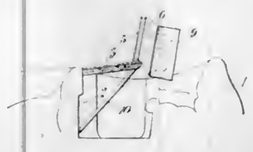
1,570,568. VALVE AND COCK. RICHARD HOWELL, London, England. Filed Mar. 9, 1925. Serial No. 14,286. 4 Claims. (Cl. 251—80.)

4. In a bibcock, a hollow body, an inflow passage, an outflow passage, an internal annular shoulder to said body, a flanged tapering cone or hat joint, a hollow plug, a perforated skirt to said plug, means for mounting said plug within said body so that said skirt holds the flange of the hat joint on said shoulder, a hollow perforated piston valve reciprocable in said joint, the outside diameter of said valve being substantially less than the inside



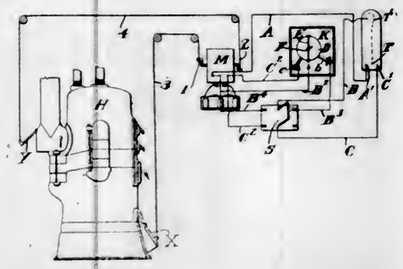
diameter of said skirt so as to be spaced therefrom when in the position giving communication between said passages.

1,570,569. REAR-SEAT WINDSHIELD. JEAN CLÉMENT KELSCH, Levallois-Perret, France. Filed Sept. 16, 1924. Serial No. 738,094. 5 Claims. (Cl. 296—85.)



1. A windshield for the rear seat of motor vehicles, comprising panels overlying the space in advance of the rear seat and movably connected in the longitudinal center of the vehicle to permit swinging movement of said panels, and a wind screen carried by and projecting upwardly from each panel.

1,570,570. CONTROLLING DEVICE FOR HEATERS AND THE LIKE. FRANKLIN LAWRENCE, Portland, Me. Filed Jan. 17, 1924. Serial No. 686,735. 4 Claims. (Cl. 236—16.)



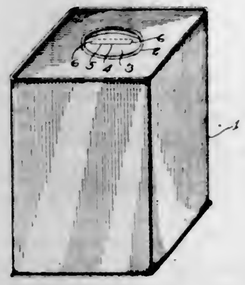
1. In combination with the draft control of a combustion apparatus, means for operating said draft control, a thermostatic circuit for operating the control to open the draft, and periodically effective means for intermittently closing the drafts for predetermined periods.

1,570,571. TRUSS PAD. THOMAS J. LE CRAS, Toronto, Ontario, Canada. Filed Jan. 12, 1922. Serial No. 528,757. 1 Claim. (Cl. 128—117.)



A truss pad comprising a back plate having an outwardly turned edge, and a cushion pad of resilient material having a flat back and a flange of rubber material encircling the back and curled inwardly to envelope the outturned flange of the back plate, said flange being capable of being rolled outwardly to disengage the flange of the back plate to enable its removal.

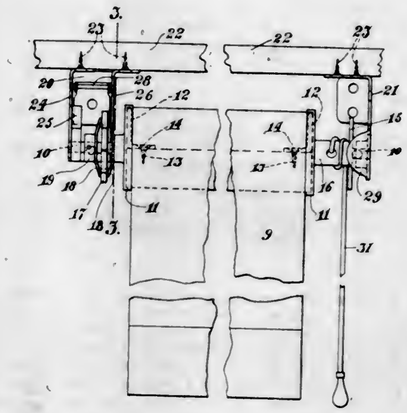
1,570,572. CONTAINER. FRANK E. LOWENSTEIN, Atlanta, Ga. Filed June 30, 1925. Serial No. 40,693. 1 Claim. (Cl. 232—4.)



The combination with a container formed with a delivery opening and a friction cap to seal said opening and capable of removal and replacement for delivery of the contents of the container as desired, of means whereby the cap may be utilized without removal from the container to permit the introduction into the container of coins or the like, said means consisting in dividing the bottom of the cap on three angularly related lines to form a section divided from the cap on three edges with the fourth edge forming a hinge for such section, and a flexible sealing strip to be secured to the bottom of the cap to overlie and seal the lines of division while the section is in the plane of the bottom, said sealing strip being broken on depression of such section to provide an opening in the bottom of the cap.

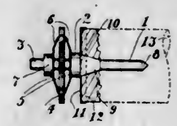
1,570,573. WINDOW-BLIND FITTING. CHARLES NEVATT, Glasgow, Scotland. Filed Jan. 12, 1924. Serial No. 685,894. 4 Claims. (Cl. 156—28.)

1. A blind roller, journals having discs to bear against the end of the roller having flanges to embrace the peripheral surface thereof adjacent the ends, L-shaped brackets having their outstanding portions secured to the discs within the plane of the flange and their lateral portions seated in recesses formed in the roller and of a depth materially exceeding the thickness of such lateral portions, a securing means passed through the lateral portions of the brackets and engaging the roller, a ratchet wheel loosely arranged upon one of the journals, springs carried by the journal engaging the ratchet wheel on opposite sides thereof, the other journal being enlarged to provide a cord drum.



2. In combination with a drum carrying journal of a blind roller, a bearing bracket having integral front and rear flanges with curved free edges to overlie the drum and form inclined guides to cause the cord to wind upon the drum.

1,570,574. ROLLER WINDOW-BLIND FITTING. CHARLES NEVATT, Glasgow, Scotland. Filed June 11, 1924. Serial No. 719,410. 2 Claims. (Cl. 156—34.)

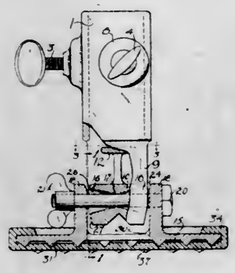


1. End fittings for a solid window blind roller, each comprising a disc having a peripheral flange to fit the normal end of the roller, and a spike member passed through the said disc into the roller and adapted to prevent rotation of the disc, said member comprising at its outer end an enlarged boss, at its inner end a driving portion, and formed between the boss and driving portion to present a trunk of rectangular section which from the part next the driving portion is gradually expanded to the part next the boss.

1,570,575. PROCESS FOR DYEING WOOD. HERBERT RENNER, Philadelphia, Pa., assignor, by direct and mesne assignments, to Forest Research Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed Oct. 26, 1923. Serial No. 670,890. 2 Claims. (Cl. 99—12.)

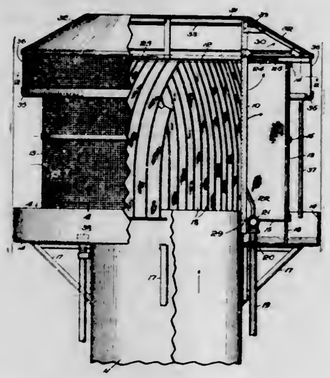
1. The process of dyeing wood which consists in combining with the sap through the cellular tissue of the wood a mixture of a coloring metal compound and a volatile or unstable chemical in solution or suspension forming salts for a time, and in the drying out of the wood then decomposing the complex salts and dyeing the wood by depositing permanent dyes fixed in the cells of the wood.

1,570,576. LADDER SHOE. CHARLES S. RIVITZ, Cleveland, Ohio. Filed June 15, 1925. Serial No. 37,024. 9 Claims. (Cl. 228—61.)



1. A ladder shoe comprising in combination a member adapted to be secured to the end of a ladder leg, a base member, one of said members having a projection with an opening extending therethrough restricted in a region intermediate its ends, and the other of said members having a pair of ears and a member carried thereby and extending through the opening in close engagement with the restricted portion, whereby a universal connection is had between said first named member and the base.

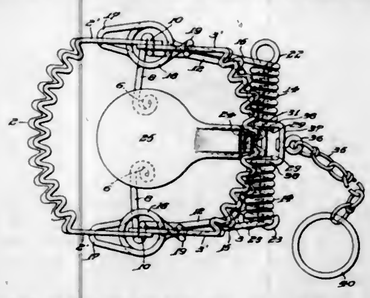
1,570,577. AIR WASHING AND CONDITIONING APPARATUS. ANTONIO S. ROMERO, Santurce, and LUIS R. GONZALEZ, San Juan, P. R. Filed Sept. 29, 1922. Serial No. 591,333. 8 Claims. (Cl. 261—126.)



1. In a device of the class described, in combination, a flue, means for opposing the escape of air and gases in the line of the flue, spirally formed perforate vanes arranged to provide a series of lateral outlet passages, and means for washing and cooling the air and gases discharged through said passages.

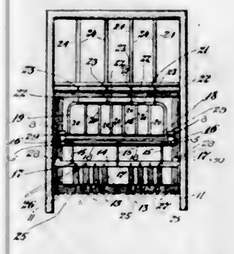
1,570,578. TRAP. LEOPOLD C. SCHNEIDER, Hatboro, Pa. Filed Dec. 23, 1921. Serial No. 524,345. 14 Claims. (Cl. 43—88.)

4. An animal trap comprising a pair of cooperative jaws and a pair of independent spring elements, each of said elements being formed of spring wire bent to provide a spring coil and extended from one end of the coil to cooperably encircle the adjacent sides of the jaws and extended from the other end of the coil to form a base for the trap and a pivot for the jaws, a supporting pin extending through both of said coils, and a pedal movably



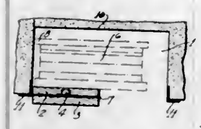
supported on said pin between the coils and having a dog cooperative with one of said jaws to releasably hold the same in set position against the tension of said coils.

1,570,579. BED. ALBERT W. SMITH and WILLIAM J. DUVALL, St. Louis, Mo. Filed Oct. 18, 1922. Serial No. 595,260. 1 Claim. (Cl. 5—53.)



A bed comprising a stationary head presenting a plurality of hollow rods spaced laterally across its upper portion, a bed bottom pivoted to the said head for movement into a vertical position, a frame composed of a plurality of curved rods arranged between the said stationary head and the pivoted end of the said bed bottom with its lower part pivoted to the said bed bottom, said frame being adapted to move vertically of the said stationary head as the said bed bottom is raised and lowered and being of such curvature as to close over the lower end of the bed bottom in the upended position of the latter, and a plurality of rods slidably engaged within the said hollow rods of the stationary head and connected to the said frame for movement exteriorly of the hollow rods as the said frame is moved downwardly, said rods being adapted when extended from the hollow rods to form continuations of the said hollow rods.

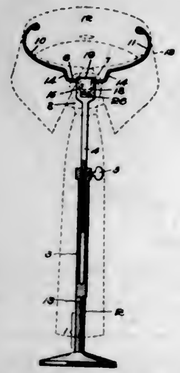
1,570,580. BED. ALBERT W. SMITH, St. Louis, Mo. Filed Jan. 10, 1923. Serial No. 611,696. 1 Claim. (Cl. 20—1.11.)



In a wall bed, in combination, a bed alcove, a door turnable in the opening of the said alcove on vertical pivots lying within the plane of the door and substantially concealed between the top and the bottom edges

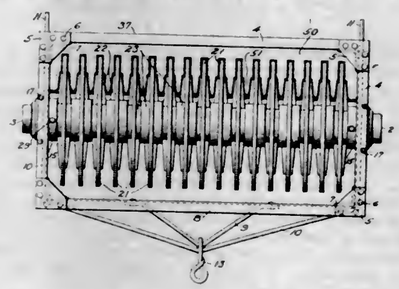
of the door and the adjacent portions of the alcove, said pivots being centered relative to the vertical edges of the door but excentrically located with respect to the sides thereof so as to be positioned nearer to one side of the door than to the other, and an article supported on the side of the door which is remote from the pivots.

1,570,581. DISPLAY DEVICE. CLYDE WILLIAM STUART, Melrose Highlands, Mass. Filed Nov. 24, 1923. Serial No. 676,706. 5 Claims. (Cl. 211—24.)



1. In a display device, in combination, a base portion, a stem adjustably mounted in said base portion having a portion of its length flattened and laterally deflected, a cross piece having a depending tongue embraced by the upper extremity of said stem and forming a necktie support, the extremities of said cross piece being curved laterally and upwardly inclined to embrace and support the neck band of a collar in normal relation to said tie.

1,570,582. ROAD-PACKING MACHINE. ROBERT ARTHUR THOMPSON, New Orleans, La. Filed July 17, 1925. Serial No. 44,336. 5 Claims. (Cl. 94—50.)



1. In a road packing machine, the combination of a hollow axle; a plurality of road packing disks rotatably mounted with relation to said axle and provided with laterally extending overlapping hubs to form a broken, dust excluding joint; and means for automatically lubricating said disks while the device is in operation.

1,570,583. PLASTER OF PARIS AND METHOD OF MAKING THE SAME. ELLERY LEWIS WILSON, Providence, R. I., assignor to Rumford Chemical Works, Providence, R. I., a Corporation of Rhode Island. Filed Aug. 22, 1924. Serial No. 733,550. 5 Claims. (Cl. 222—6.)

4. The process of producing plaster of Paris from precipitated gypsum, which consists in effecting crystalline accretion by subjecting the material to pressure to cause the crystals to coalesce, in converting the coalesced crystals into a non-compacted, interstitially extended mass, and in uniformly calcining the extended mass.

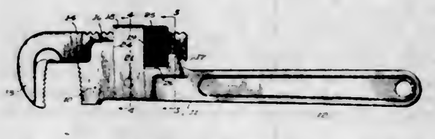
1,570,584. CUMARON RESIN COMPOSITION AND PROCESS OF MAKING SAME. CARLETON ELLIS, Montclair, N. J., assignor to Ellis-Foster Co., a Corporation of New Jersey. Filed Nov. 12, 1917. Serial No. 201,473. 5 Claims. (Cl. 260—7.)

1. A process which comprises the step of treating cumaron resin containing acid bodies, with a basic neutralizing agent in the absence of sufficient water to dissolve such basic material, in combination with the step of heating such resin to above its melting point.

1,570,585. PLASTIC COMPOSITION. CHARLES J. HOOVER, New York, N. Y. Filed Mar. 18, 1925. Serial No. 16,563. 2 Claims. (Cl. 44—34.)

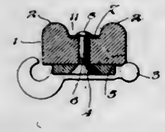
1. A fire-kindler comprising 8% charcoal, 60% granulated saw-dust, 2% lycopodium and 30% crude turpentine.

1,570,586. WRENCH. JOSEPH E. KENERSON, Cliftondale, Mass., assignor to Trimont Manufacturing Company, Roxbury, Mass., a Corporation of Massachusetts. Filed July 10, 1924. Serial No. 725,301. 5 Claims. (Cl. 81—101.)



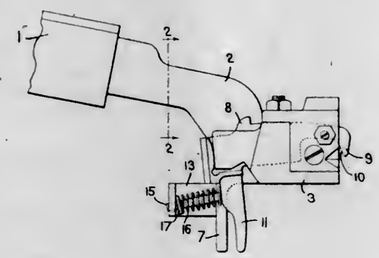
1. In a wrench of the type described, a main body portion having a fixed jaw and a shank connecting the fixed jaw to a handle, a relatively movable jaw having a threaded stem, a pair of lugs formed integral with the main body portion near the fixed jaw and extending outwardly a substantial distance from the shank to form guides for said stem, a U-shaped housing for the stem having spaced legs, slots formed in the opposite faces of the shank and having spaced shoulders one of which is in alignment with the rear edge of each lug, means for securing the legs in said slots with their opposite edges abutting against said shoulders and with the front face of the housing resting firmly against said lugs at points beyond said shank and at each side of said stem, a second pair of lugs formed integral with the main body portion at a substantial distance from the first pair of lugs for holding the stem form lateral displacement, and a nut for the stem confined between the rear face of the housing and the second pair of lugs.

1,570,587. SLATTED CONVEYER OR APRON AND THE LIKE. MATHEW F. KEVLIN, Springfield, Vt., assignor to The James Hunter Machine Company, North Adams, Mass., a Corporation of Massachusetts. Filed Dec. 4, 1923. Serial No. 678,473. 2 Claims. (Cl. 198—229.)



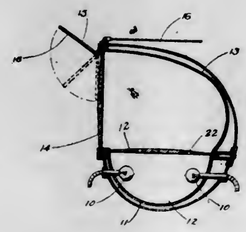
1. The combination with a roll, of a flexible conveyer or apron cooperating therewith and comprising transversely extending slats each having a plurality of raised wiping ribs adapted to wipe adherent matter from the periphery of the roll.

1,570,588. THREAD-CUTTING TEMPLE FOR LOOMS. ALPHONSE LECOMTE, Fall River, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Oct. 9, 1925. Serial No. 61,405. 2 Claims. (Cl. 139—303.)



1. A thread cutting temple for looms comprising a head having a depending heel, a movable cutter member having a depending heel and mounted to rock vertically and slide longitudinally in the head, a bracket extending laterally from the temple heel in front of the movable cutter member heel and having a vertical slot opposite the latter heel, a stud rigid with and projecting forwardly from the movable cutter member heel and passing through the slot in the bracket, and a helical compression spring surrounding the stud and extending between the bracket and the movable cutter member heel.

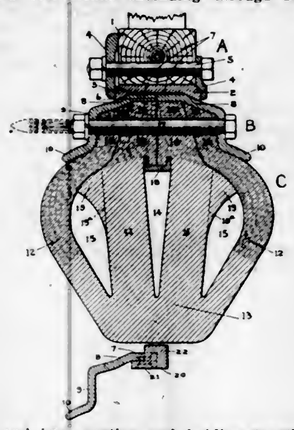
1,570,589. HEADLIGHT. ROBERT P. MCCURDY, Pittsburgh, Pa., and FREDERICK W. HOCHSTETTER, Dayton, Ohio, assignors to Joseph C. Trees, Pittsburgh, Pa. Filed May 23, 1924. Serial No. 715,408. 1 Claim. (Cl. 240—41.)



A headlight embodying a lower reflector facing upwardly, light sources near the peripheral edge of the reflector, and an upper secondary reflector positioned above the light sources to receive the light rays from the lower reflector and project them forwardly, a lens disposed between the two reflectors, said lens having a translucent area immediately above the rear light source.

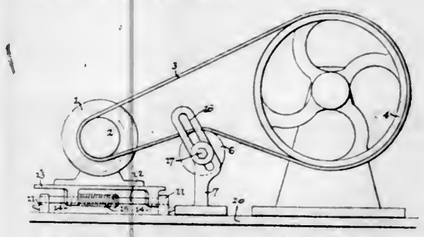
1,570,590. TIRE AND DEMOUNTABLE RIM. CHARLES M. MANLY, Richmond Hill, N. Y., assignor to O. & W. Company, a Corporation of New York. Filed Aug. 18, 1922. Serial No. 582,673. 10 Claims. (Cl. 301—11.)

1. In combination, a flanged tire-rim circumferentially divided into two parts; a tire having an internal clamping ring, the base portion of said tire when on the rim being compressed and clamped between said ring and the rim; and bolt means extending through holes in said



flanges and base portion and holding together the two parts of the flanged rim with the base of the tire compressed and clamped between said ring and the rim.

1,570,591. AUTOMATIC ELECTRIC MACHINERY. WILLIAM D. MERCER, Detroit, Mich., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich., a Corporation of Michigan. Filed Nov. 1, 1924. Serial No. 747,201. 2 Claims. (Cl. 308—11.)

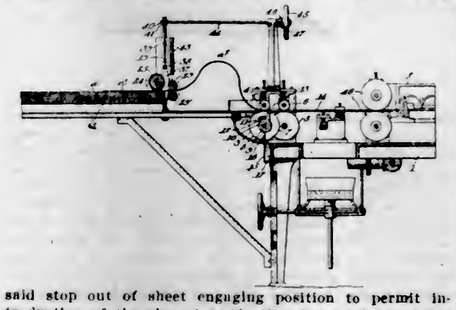


1. In a device of the character described, in combination, a substantially horizontal base, a motor mounted thereon, a pulley carried by said motor having its axis perpendicular to the direction of such movement, a driven mechanism comprising a pulley located in the plane of said first pulley, a belt surrounding said pulleys, an idler pulley fixedly mounted relative to said base at a point between said pulleys and serving to increase the area of contact between said belt and the first mentioned pulley, and yielding means acting continuously upon said motor to move it relative to said base in a direction to tighten said belt.

1,570,592. SHEET-FEEDING MECHANISM FOR FORMING MACHINES. LUCIAN E. PARKER, Wadsworth, Ohio, assignor to The Ohio Match Company, Wadsworth, Ohio, a Corporation of Ohio. Filed Mar. 10, 1925. Serial No. 14,522. 3 Claims. (Cl. 271—10.)

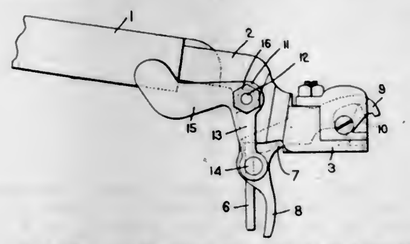
1. The combination with a forming machine, including as essential elements in its construction a forming mechanism, feed rollers and a stop member actuated in timed relation to the operation of the forming mechanism, of a sheet feeding mechanism for feeding sheets separately to said feed rollers, including means to retain a pile of sheets, a feed roller arranged for cooperation with said pile of sheets and in contact with one of same, means for imparting rotation to the feed roller of the sheet

feeding mechanism to feed the sheet in contact therewith off of the pile of sheets and against the stop of the forming machine and to continue the feed thereof after contact with said stop, and means embodied as a part of the forming machine for intermittently withdrawing



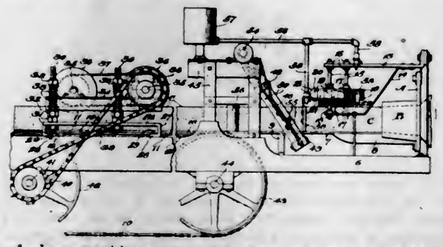
said stop out of sheet engaging position to permit introduction of the sheet into the forming machine by the feed rollers thereof, the feeding of the sheet into the forming machine by the feed rollers thereof timing the feed by the feed roller of the sheet feeding mechanism of the sheet next adjacent to that just fed.

1,570,593. THREAD-CUTTING TEMPLE FOR LOOMS. JAMES A. SORRELLS, Gainesville, Ga., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Oct. 8, 1925. Serial No. 61,194. 3 Claims. (Cl. 139—303.)



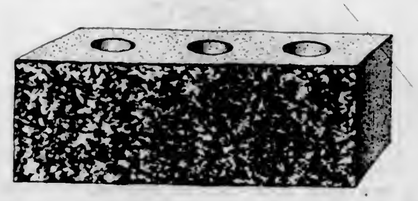
1. A thread cutting temple for looms having a movable cutter member mounted for vertically rocking and longitudinally sliding movement in the temple, and a lever fulcrumed on the temple, pivoted at one end to the movable cutter member, weighted at the other end and acting to move the movable cutter member to, and hold it yieldingly in, rearward projected open position.

1,570,594. APPARATUS FOR AND METHOD OF ORNAMENTING SURFACES OF CERAMIC PRODUCTS. DOUGLAS F. STEVENS, Danville, Ill., assignor to Ida K. Stevens, Danville, Ill. Filed May 7, 1925. Serial No. 28,721. 21 Claims. (Cl. 25—1.)



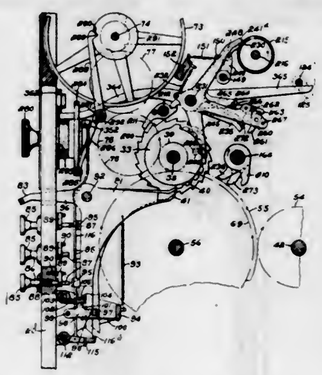
1. In a machine arranged to have a column of plastic material move therein, mechanism comprising a plurality of plowing members, and means whereby said members are given reciprocatory movement across and in surface material of the column obliquely with respect to the direction of motion thereof.

1,570,595. STRUCTURAL UNIT. DOUGLAS F. STEVENS, Danville, Ill., assignor to Ida K. Stevens, Danville, Ill. Filed May 7, 1925. Serial No. 28,722. 2 Claims. (Cl. 72—36.)



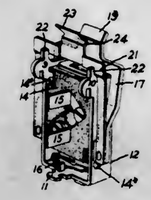
1. A structural unit having a face of mottled-like texture characterized by flat-surfaced nubbles of different shapes disposed in unalined distribution throughout the face area among depressions of different shapes.

1,570,596. TRANSMITTER. NATHAN H. SUREN, Needham, Mass., assignor, by mesne assignments, to The Gamewell Company, Newton, Mass., a Corporation of Massachusetts. Filed Nov. 15, 1919. Serial No. 338,287. 57 Claims. (Cl. 177—380.)



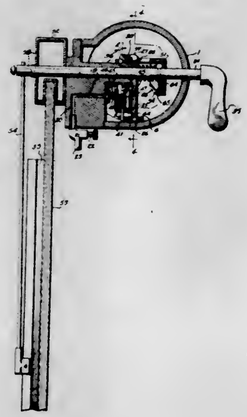
1. In an apparatus for formulating signals represented by digits or groups of integers and transmitting such signals with one or more repetitions, the combination with independently movable digit-setting means, one to correspond to each group, of individually movable and manually operable setting devices, one for each integer of each group, the actuation of any setting device conditioning its associated setting means for the formulation of the integer represented by the setting device so actuated, signal transmitting means, controlling means therefor governed by the conditioning of the setting means to control the transmitting means for the transmission of the signal represented by the actuated setting device, devices to adjust the apparatus to automatically repeat the signal a predetermined number of times, and starting mechanism to set the transmitting means into operation, said controlling means including devices to introduce a pause between the transmission of successive digits and a longer pause between successive repetitions.

1,570,597. LIGHTING FIXTURE. FRANK C. DE REAMER, Bridgeport, Conn., assignor to General Electric Company, a Corporation of New York. Filed Nov. 11, 1922. Serial No. 600,206. 3 Claims. (Cl. 173—330.)



1. In a device of the character described, the combination of a metallic member having supporting means, a holder for a removable canopy comprising a U-shaped resilient piece, the legs of which straddle the member and are secured to the sides thereof, and a second U-shaped piece, the legs of which also straddle the member and are secured thereto and which is provided with means for pressing a canopy support outwardly from a wall thereby flexing the holder until approximately the seating positions of the canopy and its support are reached.

1,570,598. WINDSHIELD CLEANER. FREDERICK G. FOLBERTH and WILLIAM M. FOLBERTH, Cleveland, Ohio, assignor to Trico Products Corporation, Buffalo, N. Y., a Corporation of New York. Filed Feb. 4, 1924. Serial No. 690,552. 6 Claims. (Cl. 15—253.)



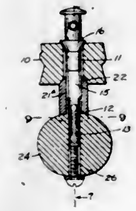
1. In a suction operated windshield cleaner, a motor casing, an actuating member mounted in said casing, a shaft extending through said casing and projecting therefrom, one end of said shaft being adapted to receive a cleaner element normally maintained in contact with the windshield to be cleaned under tension, a disk surrounding said shaft and operatively connected to said actuating member, said disk being provided with a notch, and being provided with inclined portions on each side of said notch, a pin carried by said shaft and adapted to be received in said notch to connect said shaft to said disk, and a spring surrounding said shaft and normally retaining said pin in said notch.

1,570,599. SAFETY RAZOR. THOMAS S. GOFF, Martin, Tenn. Filed July 19, 1923. Serial No. 652,576. 2 Claims. (Cl. 30—12.)



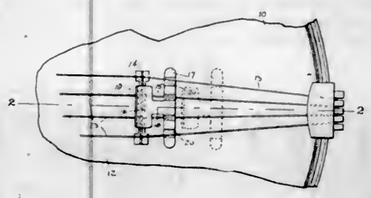
1. A safety razor comprising a base having a solid handle of uniform diameter projecting from one end thereof with one side of said handle disposed in the same longitudinal plane with the bottom of the base for the entire length of said handle and forming a continuation of the base, the other side of the handle at its junction with the base being expanded laterally and inclined in the direction of said base, a cutting blade carried by the base, a guard fitting over the blade, and means for clamping the guard and blade in position on the base, the clamping means lying wholly inwardly of a longitudinal plane touching the last-mentioned side of the handle.

1,570,600. TUNING PEG FOR STRINGED MUSICAL INSTRUMENTS. ALBERT D. GROVER and LOUIS H. BERTRAM, Long Island City, N. Y. Filed Jan. 18, 1924. Serial No. 686,964. 2 Claims. (Cl. 84—305.)



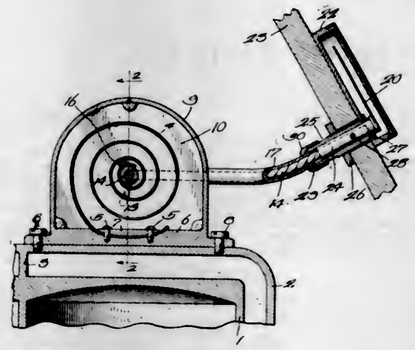
1. A tuning peg for stringed musical instruments, comprising a shank, a sleeve embracing a portion of the shank, one end of said sleeve projecting into a peg hole and the opposite end of the sleeve having diametrically opposite recesses therein, a button having intact parts of its periphery projecting into said recesses, and means for securing the button to the shank.

1,570,601. MUTE FOR MUSICAL STRINGED INSTRUMENTS. ALBERT D. GROVER, Long Island City, N. Y. Filed Oct. 25, 1924. Serial No. 745,857. 1 Claim. (Cl. 84—311.)



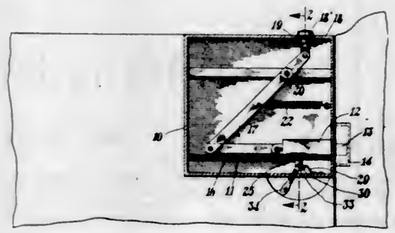
A mute for stringed musical instruments, consisting of an integral structure comprising a string engaging arm having transverse alternating string receiving grooves in its upper and lower faces, a bridge engaging arm having an elongated bridge receiving groove in its lower face, and an intermediate member at right angles to and interconnecting said arms.

1,570,602. APPARATUS FOR MEASURING THE TEMPERATURE OF INTERNAL-COMBUSTION ENGINES. JOHN W. HOBBS, Moline, Ill., assignor, by mesne assignments, to Pyrene Manufacturing Company, Newark, N. J., a Corporation of Delaware. Filed Dec. 22, 1921. Serial No. 524,132. 1 Claim. (Cl. 73—118.)



In a temperature measuring apparatus for internal combustion engines, the combination with an internal combustion engine; of a spirally formed thermostatic element having its outer end assembled with the engine cylinder; a flexible shaft connected at one end with the inner end of the thermostatic element to be turned thereby as the thermostatic element responds to temperature changes; and a temperature indicator coupled with the other end of said shaft.

1,570,603. LOCK. JOHN M. HOLDA, Chicago, Ill. Filed July 28, 1924. Serial No. 728,533. 2 Claims. (Cl. 292—164.)



1. A lock comprising a casing, a bolt slidable therein, means for retracting said bolt, said bolt being formed on one face with a longitudinal groove having a vertical offset at one end, a bar slidable in the casing transversely to the said bolt and having at its lower end a projection normally engaging in said offset from said groove to hold the bolt against retraction, and a dog pivoted to said bar and projecting at one end through the casing and forming the medium through which the said bar may be moved to bring the said projection thereon into registry with the longitudinal portion of said groove, said dog being arranged to grip the said bolt by swinging movement of the dog when in depressed position.

Patents Nos. 1,570,604 to 1,571,176.

THE OFFICIAL GAZETTE OF THE United States Patent Office.

Vol. 342—No. 4. TUESDAY, JANUARY 26, 1926. Price—$5 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $5.00 per annum; single numbers, 10 cents each.

PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C.

CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

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T. M. Renewals	15		
Labels	21—No.	29,836 to No.	29,856, inclusive.
Prints	10—No.	8,524 to No.	8,533, inclusive.
Reissues	1—No.	16,256.	
Designs	34—No.	69,307 to No.	69,340, inclusive.
Patents	573—No.	1,570,604 to No.	1,571,176, inclusive.
Total	804		

Reference to Related Applications.

RULE 43. When an applicant files two or more applications relating to the same subject matter of invention, all showing but only one claiming the same thing, the applications not claiming it must contain references to the application claiming it.

Interference Notices.

U. S. PATENT OFFICE, *Washington, Jan. 15, 1926.*

Robert Carr, his assigns or legal representatives, take notice:

An interference has been declared by this Office between applications for patents filed by Thomas Lonet, of 273 Ninth Street, Oakland, Calif., and Robert Carr, of General Delivery, Anaconda, Mont. Counsel for Carr states that the present whereabouts of Carr is unknown to him. Notice is hereby given that unless said Carr, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. PATENT OFFICE, *Washington, Dec. 30, 1925.*

George F. Johnstone, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Lynn L. Bunnell, Main and Maple Avenues, Norwood, Cincinnati, Ohio, for registration of a trade-mark and trade-mark registered April 13, 1915, No. 103,815, to George F. Johnstone, 3527 Fourteenth Street NW., Washington, D. C., and a notice of such declaration sent by registered mail to said Johnstone, at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Johnstone, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,395,624, H. A. Young, Vacuum and boiler-feed apparatus, decided December 19, 1925, claim 1.

Pat. 1,438,008, H. A. Young, Vacuum-producing and boiler-feeding apparatus, decided December 19, 1925, claims 1 and 2.

Pat. 1,483,178, J. H. Hunt, Suction burner, decided December 16, 1925, claim 1.

Pat. 1,501,858, C. L. McCuen, Expansion valve for refrigerating machines and the like, decided January 8, 1926, claims 10, 11, 12, 13, 14, 15, and 16.

Pat. 1,510,594, H. Hellberg, Wax-seal presses, decided December 5, 1925, claims 1, 2, and 3.

Pat. 1,517,331, S. B. Williams, jr., Telephone-exchange systems, decided December 16, 1925, claims 28, 31, 32, 33, and 34.

TRADE-MARKS CANCELED.

102,936. Plastic compounds for repairing brickwork and laying up brickwork. Chicago Fire Brick Co., Chicago, Ill. Registered March 2, 1915. Canceled December 28, 1925.

187,334. Waste pipe, drain pipe, and sink opener and cleaner. B. Heller & Company, Chicago, Ill. Registered July 29, 1924. Canceled January 8, 1926.

192,201. Rubber tires and inner tubes for pneumatic tires. The Gates Rubber Company, Denver, Colo. Registered November 25, 1924. Canceled January 8, 1926.

196,577. Salve for pulmonary and bronchial afflictions. Keates Chemical Products Corporation, New York, N. Y. Registered March 17, 1925. Canceled January 8, 1926.

Condition of Applications Under Examination at Close of Business January 15, 1926.

Room No.	(Total number of applications awaiting action, exluding Trade-Mark Division, 41,453; Trade-Mark Division, 2,225. Oldest new case, July 17, 1925; oldest amended, July 8, 1925. The dates given are 1925 except where † indicates 1926.) *Divisions, Examiners, and Subjects of Inventions.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Harrows and Diggers; Plant Husbandry; Plows; Planting; Scattering Unloaders.	Oct. 19	Oct. 26	602
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Sept. 14	Aug. 24	587
331	3. RICH, WM. J., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 3	Nov. 3	633
234	4. MERRITT, A. D., Conveyers, Chutes, Skids, Guides, and Ways; Conveyers, Fluid Current; Conveyers, Power Driven; Excavating; Handling—Hand and Hoist-Line Implements; Material or Article Handling; Pushing and Pulling Implements; Traversing Hoists.	Oct. 17	Oct. 20	553
108*	5 MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording and Reproducing; Tying Cords or Strands.	Aug. 15	Aug. 22	836
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Hides, Skins and Leather; Sugar and Starch; Concentrating Evaporators.	Oct. 15	Oct. 29	1,028
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Oct. 19	Oct. 20	700
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Oct. 23	Oct. 22	1,198
221	9. TRYON, F. M., Air and Gas Pumps; Hydraulic Motors; Injectors and Ejectors; Motors, Fluid; Motors, Fluid Current; Pumps.	Sept. 21	Oct. 1	626
118	10. HUNTER, O. F. (Acting), Motor Vehicles; Land Vehicles—Animal Draft Appliances, Bodies and Tops, Dumping.	Sept. 16	Oct. 1	1,049
148*	11. ARMSTRONG, H. C., Boot and Shoe Making; Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whips and Whip Apparatus; Cutting and Punching Sheets and Bars; Driven, Headed, and Screw-Threaded Fastenings.	Oct. 22	Oct. 19	799
380	12. PIERCE, P. P., Machine Elements	Oct. 5	Sept. 29	671
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning.	Oct. 6	Oct. 1	710
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Sept. 16	Oct. 6	891
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Oct. 16	Oct. 7	658
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Aug. 22	Sept. 5	994
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Oct. 8	Oct. 24	374
229	18. PORTER, M. F., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Aug. 29	Aug 17	806
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Sept. 26	Oct. 20	497
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking	Oct. 20	Oct. 30	729
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Sept. 29	Nov. 6	462
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms; Ordnance; Ammunition and Explosive Devices; Ammunition and Explosive-Charge Making; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Oct. 28	Oct. 29	466
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Aug. 25	Aug. 14	337
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Nov. 2	Nov. 12	497
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Oct. 20	Oct. 21	719
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Aug. 5	July 25	739
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Nov. 16	Nov. 16	512
225	28. BENSON, A. R., Internal-Combustion Engines	Nov. 16	Nov. 15	693
160*	29. MORRIS, B. N., Abrading; Boring and Drilling; Button Making; Chucks or Sockets; Coopering; Tool-Handle Fastenings; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	July 17	July 8	1,063
248	30. SULLIVAN, M. R., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Oct. 15	Oct. 20	876
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Nov. 18	Nov. 17	673
249	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Aug. 12	Aug. 15	644
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Nov. 16	Nov. 12	634
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways; Railway Rolling Stock; Railway Switches and Signals; Railways, Surface Track; Railway Wheels and Axles; Store Service; Track Sanders; Vehicle Fenders.	Aug. 15	Aug. 17	680
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Oct. 19	Oct. 19	521
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Sept. 18	Oct. 12	1,122
224*	37. TAYLOR, E. C., Electricity, Circuit Makers and Breakers	Oct. 7	Sept. 26	851
145	38. IDE, G. R., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Aug. 8	Aug. 3	907
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Oct. 12	Oct. 26	478
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Cloth, Leather, and Rubber Receptacles; Deposit and Collection Receptacles; Metallic Receptacles; Package and Article Carriers; Paper Receptacles; Special Receptacles and Packages; Wooden Receptacles.	Oct. 1	Oct. 2	1,190
125	41. BROWN, J. I., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Oct. 14	Oct. 16	401
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Aug. 17	Aug. 17	1,233
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Oct. 15	Oct. 20	767
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	July 18	July 15	874
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Oct. 5	Oct. 9	616
233	46. WOLCOTT, C. L., Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Oct. 6	Oct. 13	630
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Sept. 21	Sept. 19	1,162
213*	48. ROEPKE, O. B., Electricity, Conductors; Electricity, General Applications	Aug. 10	Aug. 10	1,595
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Pneumatics; Velocipedes; Driers; Liquid Separation or Purification.	Sept. 24	Oct. 10	678
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Sept. 12	Sept. 15	1,173
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission; Electric Lamps	Aug. 18	Aug. 10	1,682
144	52. MORGAN, E. T., Supports; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings.	Nov. 9	Nov. 9	560
241*	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Oct. 19	Oct. 22	677
102	Designs: C. O. MARKHAM (Acting)	Dec. 24	Dec. 31	328
163	Trade-Marks, Labels, and Prints: T. L. MEAD, Jr. {Trade-Marks	Dec. 14	Dec. 30	2,071
	{Labels and Prints	Dec. 17	†Jan. 2	154

*Refers to room numbers in the annex

DECISIONS IN PATENT AND TRADE-MARK CASES.

Supreme Court of the United States.

AMERICAN STEEL FOUNDRIES *v.* ROBERTSON, COMMISSIONER OF PATENTS, AND SIMPLEX ELECTRIC HEATING COMPANY.

No. 156. Decided January 4, 1926.

1. TRADE-MARKS—UNFAIR COMPETITION—PURPOSE OF LAW.

The law of trade-marks is but a part of the broader law of unfair competition, the general purpose of which is to prevent one person from passing off his goods or his business as the goods or business of another.

2. SAME—TRADE NAMES—COMPARISON OF.

To some extent the terms "trade-mark" and "trade name" overlap; but there is a difference more or less definitely recognized, which is, that, generally speaking, the former is applicable to the vendible commodity to which it is affixed, the latter to a business and its goodwill.

3. TRADE NAMES—CORPORATE NAMES.

A corporate name seems to fall more appropriately into the class of trade names.

4. CORPORATE NAME—EFFECT OF ASSUMING.

The effect of assuming a corporate name by a corporation under the law of its creation is to exclusively appropriate that name.

5. SAME—WRONGFUL APPROPRIATION OF—EFFECT.

In some degree at least the natural and necessary consequence of the wrongful appropriation of a corporate name is to injure the business and rights of the corporation by destroying or confusing its identity.

6. TRADE-MARKS—TRADE NAMES—APPROPRIATION AND USE OF IDENTICAL MARK OR NAME—SIMILAR MARK OR NAME.

The general doctrine is that equity not only will enjoin the appropriation and use of a trade-mark or trade name, where it is completely identical with the name of the corporation, but will enjoin such appropriation and use where the resemblance is so close as to be likely to produce confusion as to such identity, to the injury of the corporation to which the name belongs.

7. SAME—LAW OF 1905—INTENTION OF CONGRESS.

It reasonably may be assumed that, to the extent the contrary does not appear from the statute, the intention of Congress, when it came to enact the registration statute, was to allow the registration of such marks as the substantive law of trade-marks, and the general law of unfair competition of which it is a part, recognized as legitimate.

8. CORPORATE NAME—COMPLETE APPROPRIATION OF, BY APPLICANT FOR REGISTRATION.

Where the appropriation of the corporate name is complete, the rule of the statute by its own terms is absolute and the proposed mark must be denied registration.

9. SAME—PARTIAL APPROPRIATION OF BY APPLICANT FOR REGISTRATION—DECEPTIVE SIMILARITY.

Where less than the whole name has been appropriated, the right of registration will turn upon whether it appears that such partial appropriation is of such character and extent that, under the facts of the particular case, it is calculated to deceive or confuse the public to the injury of the corporation to which the name belongs.

10. SAME—SAME—ARTICLES OF DIFFERENT DESCRIPTIVE PROPERTIES.

The fact that the articles upon which the mark is used are not of the same description as those put out by the corporation is entitled to weight, since the probability of such confusion and injury in that situation obviously is more remote than where the articles are of like kind.

11. SAME—SAME—APPROPRIATED WORD A SALIENT FEATURE OF CORPORATE NAME.

The fact that the word in question is the salient feature in the name of the corporation does not settle the question whether its appropriation is calculated to confuse or deceive the public.

12. SAME—"SIMPLEX"—CORPORATE NAME—"SIMPLEX ELECTRIC HEATING CO."

Where it was not shown that the word "Simplex," standing alone, had the effect of designating to the mind of the public the corporation, Simplex Electric Heating Company, *Held* that the use of the word as a trade-mark upon car-brake apparatus would probably not confuse or deceive the public to the injury of that or any other corporation.

ON a certificate from the United States Circuit Court of Appeals for the Seventh Circuit.

Mr. George L. Wilkinson for American Steel Foundries.

Mr. Nathan Heard for Simplex Electric Heating Co.

Mr. Justice SUTHERLAND delivered the opinion of the Court.

Plaintiff and its predecessor, the Simplex Railway Appliance Company, have used the trade-mark "Simplex" on railway-car bolsters since 1897 and on car couplers since 1907, the former being registered in the Patent Office in 1911, the latter, in 1909. In 1917 plaintiff adopted and thereafter used the same trade-mark on brake rigging, brake heads, brake beams, brake shoes, brake hangers, and clasp brakes. Application was made in 1917 to register the trade-mark for the last-named uses, but the Commissioner of Patents refused the registration on the ground that the trade-mark consisted merely in the name of a corporation, viz, the Simplex Electric Heating Company, defendant herein. The Commissioner's ruling was affirmed by the Court of Appeals of the District of Columbia. *In re American Steel Foundries*, 264 O. G. 354; 49 App. D. C. 16; 258 Fed. 160. The case came to this Court on certiorari, but was dismissed for want of jurisdiction. Sub nom., *American Steel Foundries* v. *Whitehead, Commissioner of Patents*, 286 O. G. 866; 256 U. S. 40.

Thereupon, this suit in equity was brought in the Federal District Court for the Northern District of Illinois under section 4915 Revised Statutes (*American Foundries* v. *Robertson*, 324 O. G. 963; 262 U. S. 209), to which the Commissioner of

Patents voluntarily appeared. That court dismissed the bill and an appeal to the court of appeals followed.

The defendant company was organized as a corporation in 1902. Its predecessors in business had adopted in 1886, and thereafter had used, the trade-mark "Simplex" on insulating or protected conducting wire, the same being registered in 1890. In 1906, the company registered trade-marks comprising the word "Simplex" as applied to a large variety of other goods.

The word "Simplex" has comprised the whole or a part of trade-marks registered in the Patent Office in approximately sixty registrations by nearly as many different parties and as applied to many classes of merchandise. There are other corporations in the country which now have or have had names which embody the word "Simplex." Neither the defendant company nor its predecessors ever have been engaged in the manufacture or sale of any of the devices upon which plaintiff has used the trade-mark as hereinbefore specified.

Upon these facts the court below has certified the following questions upon which it desires instruction:

1. Does the clause of section 5 of the Trade Mark Act of February 20, 1905, "Provided, that no mark which consists merely in the name of an individual, firm, corporation, or association not written, printed, impressed, or woven in some particular or distinctive manner, or in association with a portrait of an individual" • • • shall be registered under the terms of this act, prohibit registration as a trade-mark under said act of the word "Simplex" by the plaintiff under the recited facts?

2. Does the said clause quoted of section 5 prohibit registration under the act of February 20, 1905, of a trade-mark consisting solely of a single word otherwise registrable under the said act if that word is the salient feature of the name of a corporation not the applicant for registration?

3. Does the above quoted clause of section 5 of the Trade Mark Act of February 20, 1905, prohibit the registration under said act, of a common-law trade-mark which is the name, or part of the name of another than the applicant, whose business relates exclusively to goods in a different and non-competing class from the goods on which the trade-mark is used by the applicant?

For the purposes of discussion, these three questions may be resolved shortly into one: Upon the facts, is the word "Simplex" merely the name of the Simplex Electric Heating Company within the meaning of the quoted proviso? The answer to this question will be simplified if we approach it by first considering certain principles of the substantive law of trade-marks and unfair competition, in the light of which the legislation under review must be examined.

[1] The mere fact that one person has adopted and used a trade mark on his goods does not prevent the adoption and use of the same trade-mark by others on articles of a different description. There is no property in a trade-mark apart from the business or trade in connection with which it is employed. *United Drug Co.* v. *Rectanus Co.*, 257 O. G., 1082; 248 U. S. 90, 97; *Hanover Milling Co.* v. *Metcalf*, 224 O. G., 1407; 240 U. S. 403, 413–414. "The law of trade-marks is but a part of the broader law of unfair competition" (idem), the general purpose of which is to prevent one person from passing off his goods or his business as the goods or business of another.

[2, 3, 4, 5] Whether the name of a corporation is to be regarded as a trade-mark, a trade name, or both, is not entirely clear under the decisions. To some extent the two terms overlap, but there is a difference more or less definitely recognized, which is, that, generally speaking, the former is applicable to the vendible commodity to which it is affixed, the latter to a business and its goodwill. See *Ball* v. *Broadway Bazaar*, 194 N. Y. 429, 434-435. A corporate name seems to fall more appropriately into the latter class. But the precise difference is not often material, since the law affords protection against its appropriation in either view upon the same fundamental principles. The effect of assuming a corporate name by a corporation under the law of its creation is to exclusively appropriate that name. It is an element of the corporation's existence. *Newby* v. *Oregon Cent. Ry. Co., et al.*, Deady 609 616; s. c. 18 Fed. Cases 38, case No. 10,144. And, as Judge Deady said in that case:

> Any act which produces confusion or uncertainty concerning this name is well calculated to injuriously affect the identity and business of a corporation. And as a matter of fact, in some degree at least, the natural and necessary consequence of the wrongful appropriation of a corporate name, is to injure the business and rights of the corporation by destroying or confusing its identity.

[6] The general doctrine is that equity not only will enjoin the appropriation and use of a trade-mark or trade name where it is completely identical with the name of the corporation, but will enjoin such appropriation and use where the resemblance is so close as to be likely to produce confusion as to such identity, to the injury of the corporation to which the name belongs. *Cape May Yacht Club* v. *Cape May Yacht & Country Club*, 81 N. J. Eq. 454, 458; *Armington & Sims* v. *Palmer*, 21 R. I. 109, 115. Judicial interference will depend upon the facts proved and found in each case. *Hendriks* v. *Montagu*, L. R. 17 Ch. Div. 638, 648; *Higgins Co.* v. *Higgins Soap Co.*, 144 N. Y. 462, 469–471.

[7] These principles, it must be assumed, were in mind when Congress came to enact the registration statute. And, since that body has been given no power to legislate upon the substantive law of trade-marks, it reasonably may be assumed, also, that, to the extent the contrary does not appear from the statute, the intenion was to allow the registration of such marks as that law, and the general law of unfair competition of which it is a part, recognized as legitimate. The House Committee on Patents, in reporting the bill which upon enactment became the registration statute in question, said:

> Section 5 of the proposed bill we believe will permit the registration of all marks which could, under the common law as expounded by the courts, be the subject of a trade-mark and become the exclusive property of the party using the same as his trade-mark. Report No. 3147, Dec. 19, 1904, H. of R., 58th Cong., 3d Sess.

[8, 9] The provision, therefore, that no mark consisting merely in the name of a corporation shall be registered, is to be construed in harmony with those established principles in respect of the appropriation of corporate names to which we have referred. Where the appropriation of the corporate name is complete, the rule of the statute, by its own terms, is absolute and the proposed mark must be denied registration without more. But where less than the whole name has been appropriated, the right of registration will turn upon whether it appears that such partial appropriation is of such character and extent that, under the facts of the particular case, it is calculated to deceive or confuse the public to the injury of the corporation to which the name belongs.

[10] The fact, for example, that the articles upon which the mark is used are not of the same description as those put out by the corporation, is entitled to weight, since the probability of such confusion and injury in that situation obviously is more remote than where the articles are of like kind. The cases, naturally, present varying degrees of difficulty for the application of the rule. Primarily, the power and the duty rests with the Commissioner of Patents to determine the question in each case in the exercise of an instructed judgment upon a consideration of all the pertinent facts.

[11] In the present case, these facts are: The word "Simplex" is only a portion of the corporate name; its use by plaintiff is upon articles the like of which has never been manufactured or sold by the defendant corporation; it comprises the whole or a part of about sixty registrations by nearly as many different parties upon many kinds of merchandise; and it forms part of the names of other corporations in the country.[1] It is argued that the word in question is the salient feature in the name of the defendant corporation. But that, if conceded, does not settle the question. There may be, of course, instances where a single word in the corporate name has become so identified with the particular corporation that whenever used it designates to the mind of the public that particular corporation. But here it is not shown that, standing alone, the word "Simplex" has that effect; that it is any more calculated to denote to the public the defendant corporation than any of the other corporations in the names of which it is likewise embodied; or, indeed, that it signifies the appropriation of some corporate name though incapable of exact identification. In *Simplex Electric Heating Co.* v. *The Ramey Co.*, Decisions, Commr. Pat., 1916, pp. 74, 77, 79, 82–83, the Commissioner of Patents, admitting the same word to registry under like facts, said:

> It is a fact that the word "Simplex" has been in such wide and varied use in this country not only as a trade-mark but as part of a firm or corporation name that everybody has heretofore considered something more than the word "Simplex" necessary to identify a corporation. • • •
>
> • • • The word "Simplex" does not identify any corporation in particular, for the simple reason that it is equally the name of various corporations. In short, if one referred to "the company Simplex" without anything else, it would not be known to what he was referring. • • •
>
> The word involved in this case is one of a large class of words which have for a great many years been much used because of their peculiarly suggestive meaning. For other examples there are the words "Acme," "Anchor," "Champion," "Eureka," "Excelsior," "Ideal," "Jewel," "Liberty," "National," "Pride," "Premier," "Queen," "Royal," "Star," "Sunlight," "Triumph," "Victor." It would be a serious matter if the law actually permitted any one who chose to do so to organize a series of corporations with names containing these words, respectively, and thereupon virtually withdraw these words from public use as trade-marks and monopolize them by preventing their registry as such.

On appeal to the district court of appeals, the decision of the Commissioner was reversed upon the ground, in part, that the word "Simplex" was a distinctive part of the name of the corporation, *Simplex Electric Heating Co.* v. *Ramey Co.*, 243 O. G. 793; 46 App. D. C. 400, 406; and this was followed by the same court in the present case. It already is apparent that we agree with the Commissioner and not with the court.

[12] Under the facts, we are of opinion that it does not appear that the use of the word as a trade-mark upon the goods of the plaintiff will probably confuse or deceive the public to the injury of the defendant or of any other corporation. It follows that the refusal to allow the registration was erroneous.

Question No. 1, therefore, should be answered in the negative, and, since this will dispose of the case, categorical answers to the other questions are deemed not necessary.

It is so ordered.

[1] The Commissioner of Patents, in a footnote to *Simplex Electric Heating Co.* v. *The Ramey Co.*, Decisions, Commr. Pat., 1916, 74, 78, gives the following list of corporations, in the names of which the word "Simplex" occurs: Simplex Arms Mfg. Co., Denver; Simplex Window Co., San Francisco; Simplex Lubricating Co., Boston; Simplex Wire & Cable Co., Boston; Simplex Auto Specialty Co., Detroit; Simplex Concrete Piling Co., Cincinnati; Simplex Machine Co., Atlanta; Simplex Exercising Co., Philadelphia; Simplex Valve & Meter Co., Philadelphia; Simplex Floor Surfacing Co., Baltimore; Simplex Railway Appliance Co., St. Louis; Simplex Air Brake & Mfg. Co., Pittsburgh; Simplex Button Works, New York; Simplex Fire Extinguisher Co., New York; Simplex Golf Practice Machine Corporation, New York; Simplex Ink Co., New York; Simplex Letter Opener Co., New York; Simplex Typewriter Co., New York; Simplex Refrigerating Machine Co., Chicago; Simplex Sand Blast Manufacturing Co., Chicago.

Court of Appeals of the District of Columbia.

E. A. ZATARAIN & SONS, INC., *v.* THE OHIO SALT COMPANY.

No. 1,769. Decided December 7, 1925.

TRADE-MARKS—SAME DESCRIPTIVE PROPERTIES.

Salt belongs to that class known generally as condiments and is "merely one of a group including pepper, mustard, and spices, which are used for seasoning food."

APPEAL from Patent Office. Reversed.

Mr. E. T. Brandenburg and *Mr. J. F. Brandenburg* for E. A. Zatarain & Sons, Inc.

Mr. George W. Saywell for The Ohio Salt Co.

Before MARTIN, Chief Justice, ROBB, Justice, and SMITH, Judge U. S. Court of Customs Appeals.

ROBB, *J.*:

Appeal from a decision of an Assistant Commissioner of Patents in a trade-mark opposition proceeding in which the decision of the Examiner of Interferences was reversed and the opposition dismissed.

The opposer, appellant here, and its predecessor, long prior to the adoption in 1921 by the applicant, appellee here, of the trade-mark "Pappoose" for use on salt, had built up a very extensive business under the same mark in connection with the sale

of various condiments, including pepper sauce, table sauce, mustard, tomato catchup, cayenne pepper, whole and ground pepper, and the like.

The Examiner of Interferences found that salt belongs to that class known generally as condiments; that—

It is merely one of a group including pepper, mustard, and spices, which are used for seasoning food.

With that postulate, his decision of course was against the right of registration by the newcomer. The decisions of this court upon which he relied fully sustain his ruling. See *Walter Baker & Co.* v. *Harrison*, 138 O. G. 770; 32 App. D. C. 272; *Simplex Elec. H. Co.* v. *Gold Car H. & L. Co.*, 213 O. G. 1117; 43 App. D. C. 28; *Anglo-American I. L. Co.* v. *Gen. Elec. Co.*, 215 O. G. 325; 43 App. D. C. 385; *Fishbeck Soap Co.* v. *Kleeno Mfg. Co.*, 216 O. G. 663; 44 App. D. C. 6; *Canton Culvert & Silo Co.* v. *Consol. Car-Heat Co.*, 226 O. G. 1799; 44 App. D. C. 491; *Gutta-Percha & Rubber Mfg. Co.* v. *Ajax Mfg. Co.*, 259 O. G. 184; 48 App. D. C. 230; *Macy & Co.* v. *N. Y. Grocery Co.*, 276 O. G. 596; 50 App. D. C. 105; *Cal. Pkg. Corp.* v. *Price-Booker Mfg. Co.*, 308 O. G. 451; 52 App. D. C. 259, and *Cal. Pkg. Corp* v. *Halferty*, 320 O. G. 700; 54 App. D. C. 88; 295 Fed. 229.

The wide reputation established by the opposer furnishes the only apparent excuse for the adoption of this mark by the applicant. Decision reversed.

Reversed.

PATENT SUITS.

(Notices under sec. 4921, R. S., as amended Feb. 18, 1922.)

879,532, L. de Forest, Space telegraphy, final decree Nov. 17, 1925, dismissing bill, D. C. Del., Doc. E 553, *De Forest Radio Telephone & Telegraph Co.* v. *Radio Corp. of America.*

904,163, H. Vissering, Indicator for radiator, suit filed Oct. 17, 1925, D. C., E. D. N. Y., Doc. 2261, *H. Vissering* v. *H H. Boyce et al.*

908,668, G. E. Heyl-Dia, Exhibiting machine; 1,131,917, W. L. Deming, Autographic register; 1,299,024, B. A. Proctor, Stock-quotation projector, suit filed Nov. 19, 1925, D. C., S. D. N. Y., Doc. E 34/295, *News Projection Corp.* v. *Trans-Lux Daylight Picture Screen Corp.*

932,965, C. W. Conner, Bifocal lens and method of making same, consent decree perpetually enjoining defendant, etc., Oct. 6, 1925, D. C., S. D. Calif. (S. Div.), Doc. I 113 J, *One Piece Bifocal Lens Co.* v. *T. Llewellyn* (*Los Angeles Optical Co.*).

1,050,441, R. A. Fessenden, Electric signaling apparatus; 1,050,728, same, Method of signaling; 1,113,149, E. H. Armstrong, Wireless receiving system; 1,342,885, same, Receiving high-frequency oscillations, suit filed Oct. 9, 1925, D. C., E. D. N. Y., Doc. 2248, *Westinghouse Electric & Mfg. Co. et al.* v. *20th Century Radio Corp.*

1,050,728. (See 1,050,441.)

1,065,668, G. W. Dunham, Automobile; 1,202,441, C. W. Small, Protective mat for use with automobiles; T. M. 171,601, Durkee-Atwood Co., Pedal cover, consent decree for plaintiff Nov. 21, 1925, perpetual injunction, D. C., N. D. Ohio (W. Div.), Doc. E 592, *Durkee-Atwood Co.* v. *Fremont Mfg. Co. et al.*

1,113,149. (See 1,050,441.)

1,131,917. (See 908,668.)

1,191,306, 1,221,800, T. A. Hoover, Automobile bumper, consent decree for plaintiff Oct. 27, 1925, D. C., E. D. Wis., Doc. 1494 C D, *American Chain Co., Inc.*, v. *Steel Products Corp. et al.*

1,192,336, S. Mueller, Machine for folding noodles; 1,217,891, same, Method of folding noodles; Des. 42,608, same, Noodle or macaroni, suit filed Oct. 27, 1925, D. C., E. D. N. Y., Doc. 2264, *C. F. Mueller Co.* v. *Clermont Machine Co., Inc.*

1,202,441. (See 1,065,668.)

1,217,891. (See 1,192,336.)

1,221,800. (See 1,191,306.)

1,238,883, G. O. Burlew, Dental tool for cleaning teeth, suit filed Oct. 13, 1925, D. C., E. D. N. Y., Doc. 2249, *G. O. Burlew et al.* v. *Industrial Rubber Corp.*

1,245,449, E. Edelman, Syringe-hydrometer housing; 1,262,478, F. L. Freas, Hydrometer syringe, suit filed Nov. 19, 1925, D. C., S. D. N. Y., Doc. E 34/299, *E. Edelman & Co., Inc.*, v. *Biltrite Motor Equipment Co., Inc., et al.*

1,262,478. (See 1,245,449.)

1,299,024. (See 908,668.)

1,305,360, 1,305,361, C. J. Holslag, Alternating-current welding transformer; 1,305,363, same, Alternating-current metallic arc cutting and welding apparatus, suit filed Oct. 26, 1925, D. C., E. D. N. Y., Doc. 2263, *Electric Arc Cutting & Welding Co.* v. *E. C. Maxwell Co., Inc.*

1,305,361. (See 1,305,360.)

1,305,363. (See 1,305,360.)

1,316,660, S. B. Winn, Trailer attachment for vehicles; 1,346,927, same, Trailer, 1,378,749, same, Trailer braking means for truck and tractor; 1,548,965, 1,548,967, 1,548,968, same, Tractor trailer combination; 1,494,520, same, Tractor trailer; 1,548,966, same, Tractor trailer construction, suit filed Nov. 24, 1925, D. C., E. D. Mich. (S. Div.), Doc. 1258, *Lapeer Trailer Corp.* v. *The Trailmobile Co. et al.*

1,342,885. (See 1,050,441.)

1,346,927. (See 1,316,660.)

1,360,256, E. Anderson, Can opener, suit filed Oct. 17, 1924, consent decree enjoining defendants Aug. 26, 1925, D. C., S. D. Calif. (S. Div.), Doc. I 32 J, *Star Can Opener Co.* v. *The Taylor Corp. et al.*

1,369,516, J. P. Bethke, Magnetic separator, decree for plaintiff Nov. 12, 1925, D. C., E. D. Wis., Doc. 1508 C D, *Dings Magnetic Separator Co.* v. *Magnetic Mfg. Co. et al.*

1,378,749. (See 1,316,660.)

1,385,102, Winters & Crampton, Latch, suit filed Nov. 23, 1925, D. C., E. D. Wis., Doc. 1688 C D, *A. F. Winters et al.* v. *Sanitary Refrigerator Co.*

1,399,482, H. C. Hirschy, Wringer, suit filed Nov. 24, 1925, D. C. Minn. (4th Div.), Doc. E 494, *The Hirschy Co.* v. *Wisconsin-Minnesota Gas & Electric Household Appliance Co.*

1,402,653, H. C. Rassmann, Watering device for cattle, decision for defendant Oct. 23, 1925, D. C., E. D. Wis., Doc. 1551 C D, *F. Rassmann Mfg. Co.* v. *Middlewest Mfg. Co.*

1,431,260, H. Rosen, Button-making machine; 1,536,530, same, Button, suits filed Nov. 20, 1925, D. C., S. D. N. Y., Doc. E 34/302, *H. Rosen et al.* v. *L. Polowsky* (*Victoria Button Works*); and Doc. E 34/303, *H. Rosen et al.* v. *R. Kaplan* (*Panama Button Co.*).

1,494,520. (See 1,316,660.)

1,495,665, Bigelow & Thompson, Tire covers, suit filed Nov. 20, 1925, D. C., E. D. Mich. (S. Div.), Doc. 1255, *Bigelow & Thompson* (*E-Z On Tire Cover Co.*) v. *R. P. Skerritt* (*Detroit Tire Cover Co.*).

1,502,559, P. J. Giblin, Footwear, decree for defendant Oct. 28, 1925, D. C., E. D. Wis., Doc. 1544 C D, *P. J. Giblin et al.* v. *Berlin Tanning & Mfg. Co.*

1,511,812, P. H. Horwitt, Dispenser for napkins and like articles, suits filed Nov. 23, 1925, D. C., S. D. N. Y., Doc. E 34/305, *Independent Paper Mills, Inc.*, v. *Schwartz & Jacobs* (*The Atlantic Paper & Restaurant Supply Co.*); and Doc E 34/306, *Independent Paper Mills, Inc.*, v. *S. Reich.* Same, suit filed Nov. 24, 1925, D. C., S. D. N. Y., Doc. E 34/318, *Independent Paper Mills, Inc.*, v. *B. Silverfine* (*Ideal Restaurant Supply Co.*).

1,536,530. (See 1,431,260.)

1,539,084, E. F. Higgins, Imitation of mother-of-pearl, suit filed Nov. 14, 1925, D. C. Del., Doc. E 586, *J. H. Meyer Bros., Inc.*, v. *Du Pont Viscaloid Corp.*

1,548,496, Weeks & Bloch, Pencil-printing machine, final consent decree sustaining patent and granting injunction Nov. 23, 1925, D. C., S. D. N. Y., Doc. E 34/73, *C. M. Weeks Co., Inc.*, v. *C. M. Weeks.*

1,548,965. (See 1,316,660.)

1,548,966. (See 1,316,660.)

1,548,967. (See 1,316,660.)

1,548,968. (See 1,316,660.)

1,552,921, R. S. Gower, Guides for flushing-tank floats, suit filed Nov. 19, 1925, D. C., S. D. N. Y., Doc. E 34/300, *J. A. Sexauer Mfg. Co., Inc., et al.* v. *Good Mfg. Co., Inc.*

T. M. 171,601. (See 1,065,668.)

Des. 42,608. (See 1,192,336.)

Disclaimers.

1,449,058.—*Thomas Robinson*, Babylon, N. Y. ROOFING ELEMENT. Patent dated March 20, 1923. Disclaimer filed January 6, 1926, by the assignee, *Anaconda Sales Company.*

Hereby disclaims from claims 1, 2, and 3 of the said Letters Patent roofing elements of the type described in the said claims in which the base is not made of materials selected to provide irregularities over its surface and in which elements the metallic coating applied to the surface of the base does not have a substantially uniform thickness, whereby the metal, in conforming to the irregularities on the surface of the base, similarly has an irregular outer surface, whose crests and depressions correspond to similar crests and depressions in the surface of the base beneath.

1,480,202.—*Charles L. Goodrum*, New York, N. Y. TELEPHONE SYSTEM. Patent dated January 8, 1924. Disclaimer filed January 5, 1926, by the patentee, the assignee, *Western Electric Company, Incorporated*, consenting.

Hereby enters this disclaimer to the said claim of said Letters Patent which is in the following words, to wit:

"15. In a telephone system, incoming lines, transfer circuits, outgoing lines, separately movable switching mechanisms for connecting said incoming lines to said transfer circuits, separately movable switching mechanisms individual to each of said transfer circuits for connecting them to said outgoing lines, magnets for said switching mechanisms, and means including bars for cooperating with said magnets to actuate a plurality of said switching mechanisms whereby said incoming lines may be extended through said transfer circuits to said outgoing lines, said bars also acting to maintain said mechanisms throughout the connection."

1,481,586.—*William A. Benson*, Chicago, Ill. WIRE CHIEF'S TEST CIRCUITS FOR TELEPHONE SYSTEMS. Patent dated January 22, 1924. Disclaimer filed January 7, 1926, by the patentee.

Hereby enters this disclaimer to claims 2 and 3 in said specification, which are in the following words, to wit:

"2. In a wire chief's testing system, two test circuits each terminating in a manual cord and plug and each being provided with keys and associated testing apparatus, and a cord reverse key in each test circuit whereby the two test circuits may be interchanged with respect to said plugs.

"3. In a wire chief's testing system, a primary test circuit terminating in a manual cord and plug, keys and a voltmeter associated with said test circuit for making voltmeter tests of subscribers' lines, a secondary test circuit also terminating in a manual cord and plug, keys and other devices associated with said secondary test circuit for making line tests not requiring a voltmeter, and a cord reverse key in each test circuit whereby the two test circuits may be interchanged with respect to said plugs."

1,484,771.—*Charles L. Goodrum*, New York, N. Y. TELEPHONE SYSTEM. Patent dated February 26, 1924. Disclaimer filed January 5, 1926, by the patentee, the assignee, *Western Electric Company, Incorporated*, consenting.

Hereby enters this disclaimer to the said claims of said Letters Patent which are in the following words, to wit:

"11. In a telephone system, incoming lines, transfer circuits, an outgoing line, switching mechanisms to connect said outgoing line to said incoming lines through said transfer circuits, an actuating bar for rendering said switching mechanisms operative, and a magnet individual to each of said switching mechanisms to actuate said switching mechanisms when made operative by said actuating bar.

"14. In a telephone system, incoming lines, transfer circuits, outgoing lines, separately movable switching mechanisms for connecting said incoming lines to said transfer circuits, separately movable switching mechanisms for connecting said transfer circuits to said outgoing lines, magnets for said switching mechanisms, and bars for cooperating with said magnets to actuate a plurality of said switching mechanisms whereby said incoming lines may be extended through said transfer circuits to said outgoing lines.

"15. In a telephone system, incoming lines, transfer circuits, outgoing lines, separately movable switching mechanisms for connecting said incoming lines to said transfer circuits, separately movable switching mechanisms for connecting said transfer circuits to said outgoing lines, magnets for said switching mechanisms, and bars cooperating with said magnets to simultaneously actuate a plurality of said switching mechanisms whereby said incoming lines may be extended through said transfer circuits to said outgoing lines.

"16. In a telephone system, incoming lines, transfer circuits, outgoing lines, separately movable switching mechanisms for connecting said incoming lines to said transfer circuits, separately movable switching mechanisms for connecting said transfer circuits to said outgoing lines, magnets for said switching mechanisms, and bars cooperating with said magnets to selectively actuate a plurality of said switching mechanisms whereby said incoming lines may be extended through said transfer circuits to said outgoing lines.

"17. In a telephone system, incoming lines, transfer circuits, outgoing lines, separately operable switching mechanisms for connecting said incoming lines to said transfer circuits, separately operable switching mechanisms for connecting said transfer circuits to said outgoing lines, incoming line magnets each having control over

a plurality of said first mentioned switching mechanisms, outgoing line magnets each having control over a plurality of said latter switching mechanisms, bars cooperating with said magnets whereby a single one of said mechanisms controlled by each of said magnets may be actuated in conjunction with such of said magnets as are actuated, and means for simultaneously operating an incoming line magnet and an outgoing line magnet to connect an incoming line through a transfer circuit to an outgoing line.

"18. In a telephone system, incoming lines, transfer circuits, outgoing lines, separately operable switching mechanisms for connecting said incoming lines through said transfer circuits to said outgoing lines, incoming line magnets, outgoing line magnets, actuating bars operated by said magnets, magnets for rendering said bars effective to actuate switching mechanisms, and means for simultaneously operating an incoming line magnet and an outgoing line magnet to actuate said switching mechanisms to connect the incoming line through a transfer circuit to an outgoing line.

"20. In a telephone system, incoming lines, transfer circuits, outgoing lines, separately movable switching mechanisms for connecting said incoming lines to said transfer circuits, separately movable switching mechanisms individual to each of said transfer circuits for connecting them to said outgoing lines, magnets for said switching mechanisms, and bars for cooperating with said magnets to actuate a plurality of said switching mechanisms whereby coexisting connections may be extended from said incoming lines through said transfer circuits to said outgoing lines.

"21. In a telephone system, incoming lines, transfer circuits, outgoing lines, separately movable switching mechanisms for connecting said incoming lines to said transfer circuits, separately movable switching mechanisms individual to each of said transfer circuits for connecting them to said outgoing lines, magnets for said switching mechanisms, and bars cooperating with said magnets to simultaneously actuate a plurality of said switching mechanisms whereby coexisting connections may be extended from said incoming lines through said transfer circuits to said outgoing lines.

"22. In a telephone system, incoming lines, transfer circuits, outgoing lines, separately movable switching mechanisms for connecting said incoming lines to said transfer circuits, separately movable switching mechanisms individual to each of said transfer circuits for connecting them to said outgoing lines, magnets for said switching mechanisms, and bars cooperating with said magnets to selectively actuate a plurality of said switching mechanisms whereby coexisting connections may be extended from said incoming lines through said transfer circuits to said outgoing lines.

"23. In a telephone system, incoming lines, transfer circuits, an outgoing line having multiple contacts corresponding to said transfer circuits, separately movable switching mechanisms, incoming line magnets, an outgoing line magnet, a single operating magnet for each of said transfer circuits, and means to operate an incoming line magnet, a transfer circuit magnet and an outgoing line magnet to actuate a plurality of said switching mechanisms to extend an incoming line through a transfer circuit to said outgoing line.

"25. In a telephone system, incoming lines, transfer circuits, outgoing lines, separately movable switching mechanisms for connecting said incoming lines to said transfer circuits, separately movable switching mechanisms individual to said transfer circuits for connecting them to said outgoing lines, magnets for said switching mechanisms and bars for cooperating with said magnets to actuate a plurality of said switching mechanisms whereby said incoming lines may be extended through said transfer circuits to said outgoing lines.

"26. In a telephone system, incoming lines, transfer circuits, outgoing lines, separately movable switching mechanisms for connecting said incoming lines to said transfer circuits, separately movable switching mechanisms individual to said transfer circuits for connecting them to said outgoing lines, and a plurality of bars for controlling and operating said switching mechanisms, certain of said bars maintaining said switching mechanisms in operation independently of mechanical connection to said other bars which assisted in the operation of said mechanisms.

"27. In a telephone system, incoming lines, transfer circuits, outgoing lines, separately movable switching mechanisms for connecting said incoming lines to said transfer circuits, separately movable switching mechanisms individual to said transfer circuits for connecting them to said outgoing lines, bars for preparing said switching mechanisms for operation, other bars cooperating mechanically with said first bars for causing and maintaining the operation of said prepared switching mechanisms, and means for returning said first bars to a normal position independent of any mechanical connection with said operated switching mechanisms.

"28. In a telephone system, incoming lines, transfer circuits, outgoing lines having multiple contacts corresponding to said transfer circuits, separately movable switching mechanisms, incoming line bars, outgoing line bars, and bars cooperating with said line bars to actuate and maintain actuated said switching mechanisms to extend said incoming lines through said transfer circuits to said outgoing lines, said switching mechanisms being maintained in operated condition independently of said line bars.

"29. In a telephone system, incoming lines, transfer circuits, outgoing lines having multiple contacts corresponding to said transfer circuits, separately movable switching mechanisms, incoming line bars, outgoing line bars, and bars cooperating with said line bars to actuate and maintain in actuated condition said switching mechanisms to extend said incoming lines through said transfer circuits to said outgoing lines, said switching mechanisms being maintained in operated condition independently of any mechanical connection with said line bars."

1,504,295.—*Samuel B. Williams, jr.*, Brooklyn, N. Y. TELEPHONE-EXCHANGE SYSTEM. Patent dated August 12, 1924. Disclaimer filed January 5, 1926, by the patentee, the assignee, *Western Electric Company, Incorporated*, consenting.

Hereby enters this disclaimer to the said claim of said Letters Patent which is in the following words, to wit:

"22. The combination in a switching system of incoming lines, link circuits and outgoing lines, with means for establishing line-link-line connections comprising fixed conducting elements constituting said link circuits, a set of incoming line contacts, a set of outgoing line contacts and means for simultaneously moving said sets of contacts to engage said fixed conducting elements."

1,506,899.—*Charles L. Goodrum*, New York, N. Y. TELEPHONE SYSTEM. Patent dated September 2, 1924. Disclaimer filed January 5, 1926, by the patentee, the assignee, *Western Electric Company, Incorporated*, consenting.

Hereby enters this disclaimer to the said claims of said Letters Patent which are in the following words, to wit:

"1. In a telephone system, telephone lines, a line relay, a line bar, and a combined line bar magnet and cut-off relay associated with each line, trunk lines for extending said lines, a trunk bar, a trunk bar magnet and an auxiliary relay associated with each trunk, an allotter circuit for said trunks independent of said line relays and said combined line bar magnets and cut-off relays for placing idle trunks in condition for seizure by said lines through the agency of said line and trunk bars, and means for directly controlling said allotter circuit over said line and trunk bars.

"2. In a telephone system, a cross bar switch comprising a plurality of line bar magnets, a plurality of trunk bar magnets, a relay associated with each of said trunk bar magnets, means controlled by said relays for holding one of said trunk bar magnets energized, means for energizing one of said line bar magnets, means controlled by said energized line bar magnet and said energized trunk bar magnet for energizing the relay associated with said trunk bar magnet.

"3. In a telephone system, a cross bar switch comprising a plurality of line bar magnets, a plurality of trunk bar magnets, a relay associated with each of said trunk bar magnets, means controlled by said relays for holding a single one of said trunk bar magnets energized, and means controlled by said line bar magnets for energizing said relay associated with said energized trunk bar magnet."

1,548,548.—*Charles H. Patten*, Providence, R. I. WRITING INSTRUMENT. Patent dated August 4, 1925. Disclaimer filed December 8, 1925, by the patentee, Charles H. Patten, assignee, *Rex Manufacturing Company*, consenting.

Hereby enters this disclaimer to the claims in said specification which are in the following words, to wit:

"1. A writing instrument having a barrel portion, a threaded bearing guide plug screwed into one end of said barrel, said plug having a shoulder and a collar portion extending above said shoulder, a spring clip having a resilient arm lying along said barrel portion and having a laterally extending end with an opening therein embracing said collar, and means being provided for securing said clip end to said shoulder.

"4. A writing instrument having a barrel portion, a threaded bearing guide plug screwed into one end of said barrel, a spring clip having a resilient arm lying along said barrel portion and having a laterally extending end immovably secured to the plug to prevent a relative rotation of said clip and plug.

"5. A writing instrument having a barrel portion, a threaded bearing guide plug screwed into one end of said barrel, a spring clip having a resilient arm lying along said barrel portion and having a laterally extending end with an opening therein receiving a portion of said plug, and means for securing said clip end to said plug."

TRADE-MARKS

OFFICIAL GAZETTE, JANUARY 26, 1926.

[VOL. 342. No. 4.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 152,937. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE STONE STRAW COMPANY, Washington, D. C. Filed Sept. 14, 1921.

Stone's PAPER JULEP Straws

No claim is made to the words "Stone's Paper Straws" apart from the mark shown in the drawing; but applicant does not by this disclaimer surrender its common-law rights to this phrase.

Particular description of goods.—Paper Straws.

Claims use since Jan. 1, 1910.

Ser. No. 181,587. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) COMPLETE MUSIC STORES, Niles, Mich., and Chicago, Ill. Filed June 6, 1923.



The pennant bearing the word "Complete" is lined to indicate blue. The staff note is lined to indicate orange.

Particular description of goods.—Musical Instruments and Supplies, Particularly, Pianos, Organs, Talking Machines, Player Pianos, Guitars, Banjos, Ukuleles, Mandolins, Harps, Music Boxes, Cornets, Drums, Fifes, Flutes, Flageolets, Bassoons, Horns, Piccolos, Zithers, Violins, Xyliphones, Violoncellos, Lutes, Autoharps, Concertinos, Accordions, Phonograph Records, Perforated Music Rolls for Automatic Player Pianos and the Like; Tuning Tools, and Stringed-Instrument Strings, Bridges, and Keys.

Claims use since about Nov. 15, 1921.

Ser. No. 186,737. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE AUTROLA COMPANY, Tucson, Ariz., and Los Angeles, Calif. Filed Oct. 9, 1923.

Autrola

Particular description of goods.—Talking Machines, Automatic Multiple-Record Phonographs.

Claims use since July 10, 1918.

Ser. No. 189,108. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) MAX GRUMBACHER, New York, N. Y. Filed Dec. 1, 1923.

Banner Fitch

No claim is made to the registration of the word "Fitch" apart from its association as shown in drawing.

Particular description of goods.—Artists' Brushes.

Claims use since Oct. 1, 1923.

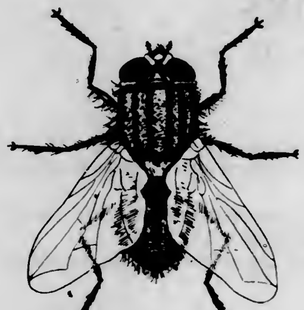
Ser. No. 192,965. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE DIRIGOLD CORPORATION, Minneapolis, Minn. Filed Feb. 28, 1924.

Dirigold

Particular description of goods.—Spoons, Knives, Forks, Nutcrackers, Sugar Tongs, and Corkscrews Made of Non-precious Metal.

Claims use since Jan. 10, 1924.

Ser. No. 201,067. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROY L. WORTHAM, Hammond, Ill. Filed Aug. 6, 1924.



Wonderful!

Particular description of goods.—Insecticide.
Claims use since Mar. 1, 1924.

Ser. No. 202,075. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BOND PICKLE COMPANY, Oconto, Wis. Filed Sept. 24, 1924.

BOND BRAND

No claim is made to the word "Brand" apart from the mark shown in the drawing.
Particular description of goods.—Sweet Pickles, Sour Pickles, Mixed Pickles, Dill Pickles, and Pickle Relish.
Claims use since October, 1916.

Ser. No. 204,578. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WOOLSON SPICE CO., Toledo, Ohio. Filed Oct. 29, 1924.

OLD HOMESTEAD

Particular description of goods.—Coffee.
Claims use since before 1907.

Ser. No. 205,099. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) SHURWYN TIRE & RUBBER CO., St. Louis, Mo. Filed Nov. 10, 1924.

SHURWYN

Particular description of goods.—Rubber Automobile Tires, Rubber Inner Tubes, and Rubber Patch Material.
Claims use since about Apr. 1, 1924.

Ser. No. 205,566. (CLASS 39. CLOTHING.) THE STEIN-BLOCH CO., Rochester, N. Y. Filed Nov. 19, 1924.

Capri Blues

No claim is made to exclusive use of the word "Blues" apart from the mark shown.
Particular description of goods.—Men's Overcoats and Sack Coats.
Claims use since Oct. 1, 1924.

Ser. No. 205,792. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SQUIRE DINGEE COMPANY, Chicago, Ill. Filed Nov. 24, 1924.

BANQUET

Particular description of goods.—Jellies, Jams, Fruit Butters, Fruit and Berry Preserves, and Pickles.
Claims use since 1887 on jellies, jams, fruit butters, and preserves; since 1915 on pickles.

Ser. No. 206,177. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MANITOWOC PRODUCTS COMPANY, Manitowoc, Wis. Filed Dec. 3, 1924.

BANQUET

Particular description of goods.—Cheese and Koch Kase (Cooked Cheese).
Claims use since Nov. 1, 1918.

Ser. No. 206,246. (CLASS 12. CONSTRUCTION MATERIALS.) S. E. LYONS LUMBER COMPANY, Shreveport, La. Filed Dec. 4, 1924.

SELCO

Particular description of goods.—Lumber.
Claims use since about Apr. 1, 1923.

Ser. No. 207,262. (CLASS 32. FURNITURE AND UPHOLSTERY.) ROLL-A-WAY BED CORPORATION, Chicago, Ill. Filed Dec. 26, 1924.

Roll-A-Way

Particular description of goods.—Household Couches, Beds, Mattresses, and Bed Springs.
Claims use since May 4, 1923.

Ser. No. 209,149. (CLASS 32. FURNITURE AND UPHOLSTERY.) UNIVERSAL WILLOW AND REED WARE COMPANY INCORPORATED, Long Island City, N. Y. Filed Feb. 5, 1925.

UNIVERSAL WILLOW & REED WARE CO. LONG ISLAND CITY N. Y.

No claim is made to the exclusive use of the words "Willow and Reed Ware" and "Long Island City, N. Y." apart from the mark as shown in the drawing.
Particular description of goods.—Willow, Reed, Rattan, Raffia, and Spool Fiber, Settees, Couches, Benches, Chaise Longues, Chairs, Rockers, Tables, Ferneries, Bird Cages, Desks, Tea Wagons, Flower Stands, Radiator Covers, Hatracks, Screens, Bookcases, Telephone Stands, Telephone Stools, Smoking Stands, and Day Beds.
Claims use since Nov. 17, 1919.

Ser. No. 210,329. (CLASS 37. PAPER AND STATIONERY.) UNITED STATES ENVELOPE COMPANY, doing business as P. P. Kellogg & Co., Springfield, Mass. Filed Feb. 28, 1925.

KELKO

Particular description of goods.—Writing and Printing Papers, Cards, and Envelopes.
Claims use since Jan. 1, 1924.

Ser. No. 210,330. (CLASS 37. PAPER AND STATIONERY.) UNITED STATES ENVELOPE COMPANY, doing business as P. P. Kellogg & Co., Springfield, Mass. Filed Feb. 28, 1925.

MARQUESS

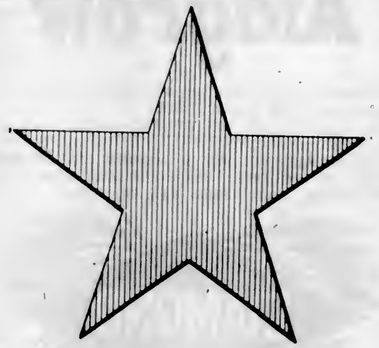
Particular description of goods.—Writing and Printing Papers, Cards, and Envelopes.
Claims use since Sept. 1, 1923.

Ser. No. 210,331. (CLASS 37. PAPER AND STATIONERY.) UNITED STATES ENVELOPE COMPANY, doing business as P. P. Kellogg & Co., Springfield, Mass. Filed Feb. 28, 1925.

PAPILLON

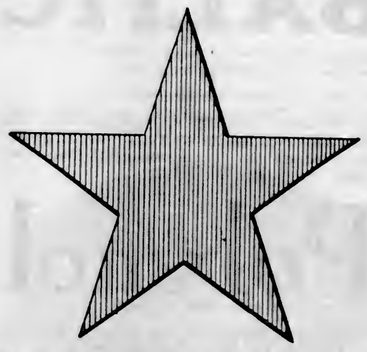
Particular description of goods.—Writing and Printing Papers, Cards, and Envelopes.
Claims use since Apr. 1, 1924.

Ser. No. 210,491. (CLASS 45. BEVERAGES, NONALCOHOLIC.) R. H. MACY & CO., INC., New York, N. Y. Filed Mar. 3, 1925.



The trade mark is lined for red.
Particular description of goods.—Lemon Soda, Soda Water, Sarsaparilla, Ginger Ale, Root Beer, and Birch Beer.
Claims use since June, 1924, on birch beer, on root beer since 1908; and since about 1897 on lemon soda, soda water, sarsaparilla, and ginger ale.

Ser. No. 210,493. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) R. H. MACY & CO., INC., New York, N. Y. Filed Mar. 3, 1925.



The drawing is lined for red color.
Particular description of goods.—Perfume Extracts, Toilet Water, Triple Waters, Cologne, Bay Rum, Perfumed Salts, Sachet Powders, Ammonia, Denatured and Medicated Alcohols, Sea Salt and Similar Articles Prepared for Bathing Purposes, Complexion and Tooth Powders, and Face Lotions.
Claims use since May, 1892.

Ser. No. 210,848. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE LAKESIDE BISCUIT CO., Toledo, Ohio. Filed Mar. 11, 1925.

GOLD SEAL

Particular description of goods.—Crackers, Cakes, Biscuits, and Sugar Wafers.
Claims use since Sept. 1, 1924.

Ser. No. 212,280. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MOSELEY MANUFACTURING COMPANY, Louisville, Ky. Filed Apr. 6, 1925.

Aidgrow

Particular description of goods.—Mineral Feeds.
Claims use since Mar. 1, 1925.

Ser. No. 212,642. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RUSSELL-MILLER MILLING CO., Minneapolis, Minn. Filed Apr. 13, 1925.



Particular description of goods.—Wheat Flour.
Claims use since about Jan. 1, 1909.

Ser. No. 212,643. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RUSSELL-MILLER MILLING CO., Minneapolis, Minn. Filed Apr. 13, 1925.

BALTIC

Particular description of goods.—Wheat Flour.
Claims use since about Sept. 15, 1891.

Ser. No. 214,621. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORG SCHICHT A. G., Aussig-on-the-Elbe, Czechoslovakia. Filed May 20, 1925.

Polynol

Particular description of goods.—Toilet Preparations—Namely, Pomades for the Beard, Moustache, and Hair; Borax, Brilliantine, Disinfectants, Glycerin, Scalp Washes, Hair Washes, Dentifrices, Cold Creams, Lotions and Salves for the Skin, Perfumes, Toilet Powders, Tooth Paste, and Tooth Powder; Chemical and Chemical-Technical Products—Namely, Bleaching and Finishing Fluids for Textiles, Soda, and Benzine, and Dyestuffs and Tints for Textiles.
Claims use since 1923.

Ser. No. 214,623. (CLASS 15. OILS AND GREASES.) GEORG SCHICHT A. G., Aussig-on-the-Elbe, Czechoslovakia. Filed May 20, 1925.

Polynol

Particular description of goods.—Lubricating and Rust-Protecting Oils and Greases, Illuminating Oils, Gasoline, and Paraffin.
Claims use since 1923.

Ser. No. 214,983. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VAN ANTWERP'S DRUG CORPORATION, INC., Mobile, Ala. Filed May 27, 1925.

HEPA-PEANUT BAR

No claim is made to "Peanut Bar" apart from the mark shown in the drawing.
Particular description of goods.—Candy.
Claims use since Apr. 26, 1924.

Ser. No. 215,566. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AUGUST GORETZ & CO., INC., Newark, N. J. Filed June 10, 1925.

FYNUR

Particular description of goods.—Vernier Controls for Radio Instruments, Telephone Jacks, Jack Switches, and Cord Tip Jacks.
Claims use since about May 20, 1925.

Ser. No. 216,120. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) Mrs. POTTS SANDERS, doing business as N. L. Payne and Lady Betty Mayonnaise Products, Texarkana, Tex. Filed June 20, 1925.

Lady Betty

No claim is made to the word "Betty" apart from the mark shown in the drawing.
Particular description of goods.—Mayonnaise and Thousand Island Dressing.
Claims use since Apr. 10, 1925.

Ser. No. 216,285. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PASCO GRAIN & MILLING CO., Pasco, Wash. Filed June 23, 1925.



No claim is made to the word "White" apart from the mark shown in the drawing.
Particular description of goods.—Cake Flour.
Claims use since May, 1924.

Ser. No. 216,297. (CLASS 11. INKS AND INKING MATERIALS.) H. M. STORMS COMPANY, New York and Brooklyn, N. Y. Filed June 22, 1925.

"Whitedge Efficiency"

The word "Efficiency" is disclaimed apart from the mark shown on the drawing.
Particular description of goods.—Carbon Paper.
Claims use since May 17, 1918.

Ser. No. 216,314. (CLASS 32. FURNITURE AND UPHOLSTERY.) JOSEPHINE A. BATES, Springfield, Mass. Filed June 24, 1925.

HOB NOB

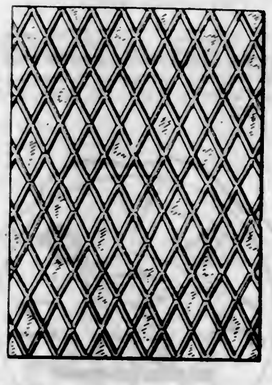
Particular description of goods.—Furnishings—Namely, Ornamental Novelties for Household Use Particularly Useful as Curtain Tie-Backs and Picture or Mirror Hangers, Made of Wool, Base Metal, Glass, or Other Materials.
Claims use since June 12, 1925.

Ser. No. 216,319. (CLASS 39. CLOTHING.) BURNHAM-MUNGER-ROOT DRY GOODS COMPANY, Kansas City, Mo. Filed June 24, 1925.

GOOD MORNING
IT'S GOING TO BE A
COMFORTABLE DAY
TRU-FIT

Particular description of goods.—Athletic Underwear, Undershirts; Dress, Work, and Negligee Shirts; Union Suits, Shirts, and Drawers Made of All Fabrics for Men, Women, and Children.
Claims use since May 1, 1924.

Ser. No. 216,341. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HOOD RUBBER COMPANY, Watertown, Mass. Filed June 24, 1925.



Particular description of goods.—Battery Boxes of Plastic Material and Hard Rubber.
Claims use since Mar. 10, 1925.

Ser. No. 216,687. (CLASS 38. PRINTS AND PUBLICATIONS.) THE MUTUAL SYSTEM COMPANY, Bridgeport, Conn. Filed June 30, 1925.

THE MUTUAL SYSTEM

The words "The" and "System" appearing in the drawing are disclaimed apart from the mark shown.
Particular description of goods.—Saving Certificates.
Claims use since Apr. 1, 1925.

Ser. No. 216,794. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PACIFIC COAST BISCUIT COMPANY, Seattle, Wash. Filed July 2, 1925.

CHEESE PUFFS

Particular description of goods.—Crackers.
Claims use since Nov. 15, 1924.

Ser. No. 217,075. (CLASS 7. CORDAGE.) E. H. EDWARDS COMPANY, San Francisco, Calif. Filed July 9, 1925.

SILVER STRAND

Particular description of goods.—Wire Rope.
Claims use since Apr. 11, 1923.

Ser. No. 217,985. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NICHOLAS P. DAMIANAKES, doing business as California Peanut Co., Oakland, Calif. Filed July 28, 1925.



Particular description of goods.—Sugared and Salted Almonds.
Claims use since Jan. 1, 1925.

Ser. No. 218,040. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) MATTHEW R. BIRK, New York, N. Y. Filed July 29, 1925.

"ARISTO"

Particular description of goods.—Artificial Candles and Lighting Fixtures Other Than Electrical.
Claims use since June, 1925.

Ser. No. 218,125. (CLASS 39. CLOTHING.) HYMAN & GOLDSTON, INC., New York, N. Y. Filed July 30, 1925.

Phyllis Jane

Particular description of goods.—Ladies' and Misses' Outer Garments—Namely, Dresses and Coats.
Claims use since July 1, 1925.

Ser. No. 218,128. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LAMONT, CORLISS & COMPANY, New York, N. Y. Filed July 30, 1925.

DELECTA

Particular description of goods.—Chocolate Coatings.
Claims use since some time in November, 1922.

Ser. No. 218,553. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HAWAIIAN PINEAPPLE PRODUCTS CO., LTD., San Francisco, Calif., and Iwilei, Hawaii. Filed Aug. 8, 1925.

SILVER SWORD

Particular description of goods.—Canned Pineapple, Jam, Marmalade, and Jelly.
Claims use since June 9, 1925.

Ser. No. 218,579. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SMITH, KLINE & FRENCH COMPANY, Philadelphia, Pa. Filed Aug. 8, 1925. Under ten-year proviso.

A-CORN SALVE

Particular description of goods.—Remedy for the Treatment and Removal of Corns and Bunions.
Claims use since on or about Nov. 1, 1884.

Ser. No. 218,848. (CLASS 39. CLOTHING.) FRANKLIN SWEATER MILLS, Philadelphia, Pa. Filed Aug. 14, 1925.

WOOLASTIK

Particular description of goods.—Bathing Suits, Trunks, and Shirts and Sweater Coats and Vests.
Claims use since Aug. 1, 1925.

Ser. No. 219,052. (CLASS 39. CLOTHING.) GEORGE J. WINTER, doing business as Super-Foot-Form Cushion Shoe Company, Buffalo, N. Y. Filed Aug. 18, 1925.



No claim is made to the words "Super Foot Form, Cushion Shoe" apart from the trade-mark as shown in the drawing.
Particular description of goods.—Cushion Shoes Constructed of Leather, Rubber, or Fabric or of Combinations of Those Materials.
Claims use since Aug. 13, 1924.

Ser. No. 219,225. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BÜRKI & CIE., Berne, Switzerland. Filed Aug. 22, 1925.



No claim is made to the exclusive use of the words, numerals, and abbreviations "Bürki, Gruyère Extra Fin, Net Weight 8 oz., Made in Switzerland, Queso De Suiza, 6 Portions, Brand, Swiss Cheese, Bürki & Cie., Berne-Suisse" apart from the mark as shown in the drawing.
Particular description of goods.—Cheese.
Claims use since March, 1924.

Ser. No. 219,388. (CLASS 39. CLOTHING.) FRANKLIN SWEATER MILLS, Philadelphia, Pa. Filed Aug. 26, 1925.

WOOLASTIK

Particular description of goods.—Bathing Suits, Trunks, and Shirts and Sweater Coats and Vests.
Claims use since Aug. 19, 1925.

Ser. No. 219,431. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WALTER J. HIRSCH CO., doing business as Onliway Corporation, Chicago, Ill. Filed Aug. 27, 1925.

VIRGINIA BELLE

No claim is made to the word "Virginia" apart from the mark shown in the drawing.
Particular description of goods.—Peanut Butter.
Claims use since Mar. 15, 1925.

Ser. No. 219,483. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) JOSEPHINE POMEROY HERRICK, Cleveland, Ohio. Filed Aug. 28, 1925.

POM.

Trade-mark consists of the word "Pom."
Particular description of goods.—Cooking Tongs.
Claims use since Aug. 5, 1925.

Ser. No. 219,805. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES). CHEMICAL TREATMENT COMPANY, INC., New York, N. Y. Filed Sept. 4, 1925.

CRODON

Particular description of goods.—Electric Wire, Electric Contact Pieces, Core and Armature Parts, Spheres for High-Tension Electrical Apparatus, Loop Tubes for Radio Apparatus, Electric Automobile Lamps, Storage-Battery Terminal Parts, Contacts for Radiomachines, Miscellaneous Parts of Various Electrical Apparatus, Electric Immersion Heaters, All Coated with Metal.
Claims use since Apr. 29, 1925.

Ser. No. 219,963. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GREAT LAKES VARNISH WORKS, INC., Chicago, Ill. Filed Sept. 8, 1925.

Snowdrift

Particular description of goods.—Paint Enamel.
Claims use since Apr. 7, 1925.

Ser. No. 220,021. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) NATHAN GOLDMAN, doing business as Tectron Radio Co., New York, N. Y. Filed Sept. 9, 1925.



No claim is made to the word "Tubes" apart from the mark shown in the drawing.
Particular description of goods.—Vacuum Tubes for Radio Receiving Apparatus.
Claims use since February, 1923.

Ser. No. 220,156. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) TENNESSEE COAL, IRON & RAILROAD COMPANY, Birmingham, Ala. Filed Sept. 11, 1925.

TENNESSEE

No claim is made to the registration of the word "Tennessee" apart from the mark shown in the drawing.
Particular description of goods.—Steel and Iron Sheets.
Claims use since June 10, 1912.

Ser. No. 220,167. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AMERICAN BOSCH MAGNETO CORPORATION, Springfield, Mass. Filed Sept. 12, 1925.



Particular description of goods.—Ignition and Starting Apparatus for Internal-Combustion Engines and Electric-Lighting Systems for Moving Vehicles and Radio Apparatus, Consisting of Magneto-Electric Generators, Spark Plugs, Mechanical Interrupters and Distributors for Ignition Systems, Timer Distributors for Battery Ignition Systems, Electric Condensers, Ignition Coils, Electric Motors, Electric Generators, Electric Switches, Headlights, Incandescent Lamps, Cable Conduits, Insulated Cables, Cable Terminals, Radio Receiving Sets, Loud Speakers, Alternating-Current Rectifiers, Electrical Filters, Radiotransformers, Radiocoils, Radiocondensers, Audio-Frequency Amplifiers, and Parts Thereof.
Claims use since July 1, 1925.

Ser. No. 220,274. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) LEE D. CROUCH, Oneonta, N. Y. Filed Sept. 16, 1925.

CLAR-A-DYNE

Particular description of goods.—Radio Receiving Sets.
Claims use since October, 1922.

Ser. No. 220,281. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JANE ALLEN, Grasmere, Staten Island, N. Y., assignor to Ferrier T. Martin, John G. Davis, and Mary Dean Davis, all of New York, N. Y. Filed Sept. 15, 1925.

Jane Allen Products

The word "Products" appearing on the trade-mark is disclaimed. The trade-mark consists of the fanciful name "Jane Allen Products" in the handwriting of Thomas Percy Ratcliff, a member of the firm.
Particular description of goods.—Marmalades and Jam Containing Nuts.
Claims use since October, 1924.

Ser. No. 220,330. (CLASS 38. PRINTS AND PUBLICATIONS.) THE VIKING PRESS, INC., New York, N. Y. Filed Sept. 16, 1925.



VIKING PRESS

Applicant disclaims exclusive right to the use of the word "Press" except as same is used in connection with the other features of the mark shown on the drawing.
Particular description of goods.—Completely-Printed Books.
Claims use since Aug. 15, 1925.

Ser. No. 220,337. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE ENGINEERING PRODUCTS CORPORATION, INC., New York, N. Y. Filed Sept. 17, 1925.

Epco

Particular description of goods.—Insulating Materials, Composite Materials, and Compounds of Fluid Elements Resembling Paint for Electrical Insulation.
Claims use since on or about Jan. 1, 1925.

Ser. No. 220,532. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES HEWITT & SONS CO., Des Moines, Iowa. Filed Sept. 21, 1925.

WAN-ETA



Particular description of goods.—Canned Vegetables—Namely, Lima Beans, String and Wax Beans, Pork and Beans, Peas, Kidney Beans, Sauerkraut, Spinach, Tomatoes, Condensed Tomatoes, Asparagus, Beets, Carrots, Corn, Hominy, Pumpkins, Sweet Potatoes, Onions, Pimientos, Succotash; Canned Fruits—Namely, Apricots, Blackberries, Cherries, Grapes, Loganberries, Pears, Peaches, Plums, Pineapple, Black Raspberries, Red Raspberries, Strawberries,; Fruit Jams—Namely, Apricot, Blueberry, Blackberry, Cherry, Gooseberry, Loganberry, Pear, Plum, Pineapple, Raspberry, Strawberry, Quince, Pineapple Apricot, Raspberry Strawberry; Fruit Jellies—Namely, Currant, Grape, Quince ,Raspberry, Strawberry, Apple, Plum, Crab Apple; Tomato Soup; Canned Sea Food—Namely, Lobsters, Salmon, Shrimp, Tunny; Sorghum Sirup, Salad Dressing, Chili Sauce, Catchup, Peanut Butter, Nut Meats in Their Natural State, Vinegar, Plum Pudding, Apple Butter, Olives, Pickles, Chile Con Carne, Canned Fruits for Salad, Mustard.
Claims use since Oct. 15, 1915.

Ser. No. 220,701. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) CHARTERS MANUFACTURING CO., Santa Cruz, Calif. Filed Sept. 24, 1925.

Charters
the incubator that remembers even if you forget

Particular description of goods.—Incubators and Brooders.
Claims use since Dec. 13, 1918.

Ser. No. 220,730. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) KREUTER-FAASEN CO., Grand Rapids, Mich. Filed Sept. 24, 1925.

KRAFTSMAN

SHUMAN PROCESS

Applicant disclaims exclusive use of the words "Schuman Process" apart from the mark as shown.
Particular description of goods.—Varnish and Paint Enamel Products.
Claims use since July 20, 1925.

Ser. No. 220,746. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) OLIN R. TAYLOR, doing business as Taylor Products Co., Phoenix, Ariz. Filed Sept. 24, 1925.

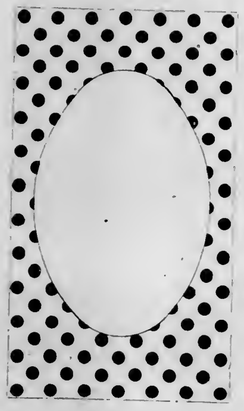
TAYLOR'S MAYONNAISE

No claim is made to the word "Mayonnaise" or "Taylor's" apart from the mark shown in the drawing. The background of the drawing is blue.

Particular description of goods.—Mayonnaise.

Claims use since Jan. 1, 1925.

Ser. No. 220,830. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) AMERICAN STORES COMPANY, Philadelphia, Pa. Filed Sept. 26, 1925.



Particular description of goods.—Ginger Ale, Sarsaparilla, Root Beer, and Grape Juice.

Claims use since Mar. 20, 1919.

Ser. No. 220,934. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AMERICAN TRANSFORMER COMPANY, Newark, N. J. Filed Sept. 29, 1925.

AMERCHOKE

The word "Choke" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Choke Coil or Impedance in Filter Circuits of Electrical Apparatus.

Claims use since on or about Aug. 1, 1925.

Ser. No. 221,102. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE FISHBACK COMPANY, Indianapolis, Ind. Filed Oct. 2, 1925.

3/F

Particular description of goods.—Coffee, Tea, Mayonnaise, Olives, Canned Cherries, Vinegar, Mustard; Ground Spices, including Black Pepper, White Pepper, Red Pepper, Cayenne, Paprika, Mustard, Ginger, Ground Sage, Cinnamon, Cloves, Allspice, Mace, Nutmeg, Chili Powder, Curry Powder, Tumeric; and Whole Spices, including Cloves, Allspice, Cinnamon Fagots, Mixed Spice (Pickling Spice), Celery Seed, Yellow-Mustard Seed, Brown-Mustard Seed, White-Mustard Seed, Rubbed Sage, Whole Nutmeg, Caraway Seed, and Black Pepper.

Claims use since 1913 on coffee; on tea since 1919; on spices of all kinds since 1920; on mayonnaise since 1923; on olives, cherries, vinegar, and mustard since spring of 1925.

Ser. No. 221,175. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE FREMONT KRAUT COMPANY, Fremont, Ohio. Filed Oct. 3, 1925.



The ruling in the drawing indicates the color red. No claim is made to the words "Emblem of good Kraut" nor to the representation of the head of cabbage apart from the mark shown in the drawing.

Particular description of goods.—Sauerkraut.

Claims use since Aug. 29, 1925.

Ser. No. 221,194. (CLASS 39. CLOTHING.) M. NATHAN AND BROTHER, INCORPORATED, Johnstown, Pa. Filed Oct. 3, 1925.

MONA

Particular description of goods.—Hosiery and Underwear of Knitted and Textile Fabrics.

Claims use since Jan. 1, 1922.

Ser. No. 221,251. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRESNO POULTRYMENS COOPERATIVE ASSOCIATION, Fresno, Calif. Filed Oct. 5, 1925.

FRESCO

EGGS

The word "Eggs" and the representation of an egg are disclaimed apart from the mark as shown.

Particular description of goods.—Eggs.

Claims use since Sept. 1, 1925.

Ser. No. 221,257. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES HEWITT & SONS COMPANY, Des Moines, Iowa. Filed Oct. 5, 1925.

OPAL



Particular description of goods.—Canned Vegetables—Namely, Lima Beans, Wax Beans, Pork and Beans, Peas, Red Kidney Beans, Sauerkraut, Spinach, Tomatoes, Asparagus Tips, Beets, Sliced Carrots, Corn, Hominy, Pumpkins, Sweet Potatoes, Mixed Vegetables for Soup, Succotash, Rhubarb; Canned Fruits—Namely, Apples, Apricots, Blueberries, Blackberries; Red, White, and Black Cherries; Grapes, Gooseberries, Loganberries, Pears, Peaches, Plums, Pineapple, Red and Black Raspberries, Strawberries; Fruit Jams—Namely, Apricot, Blueberry, Blackberry, Cherry, Gooseberry, Loganberry, Pear, Plum, Pineapple, Raspberry, Strawberry, Quince, Pineapple Apricot, Raspberry Strawberry; Fruit Jellies—Namely, Apple Pectin and Plum, Apple Pectin and Crab Apple, Apple Pectin and Currant, Apple Pectin and Strawberry, Apple Pectin and Grape, Apple Pectin and Raspberry, Apple Pectin and Quince; Dried Fruits—Namely, Raisins, Currants, Figs, Evaporated Raspberries; Canned Prunes; Canned Sea Food—Namely, Oysters, Salmon, Sardines, Tunny; Cereals—Namely, Rolled Oats and Rice, Tapioca, Barley, Breakfast Wheat; Alimentary Products—Namely, Macaroni, Spaghetti, Vermicelli, Egg Noodles; Pancake Flour; Spices—Namely, Pepper, Mustard, Celery Salt; Food-Flavoring Extracts—Namely, Vanilla; Food Sirup, Mayonnaise Dressing, Tomato Catchup, Tea, Coffee, Peanut Butter, Honey, Salted Peanuts, Pop Corn in its Natural State, Vinegar, Gelatin; Cocoa, Shredded Coconut, Powdered Sugar, Ice-Cream Powder, Evaporated Milk, Jelly Powder, Evaporated Apples, Olive Oil, Olives, Pickles, Pickle Relish, Fruits for Salad, Apple Butter, Dried Beef, Canned Figs.

Claims use since July, 1905.

Ser. No. 221,384. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WM. B. SCAIFE & SONS COMPANY, Pittsburgh, Pa. Filed Oct. 7, 1925.

WE-FU-GO

Particular description of goods.—Machinery for Purifying and Softening Water.

Claims use since Apr. 1, 1898.

Ser. No. 221,470. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE ALEXANDER MILLING COMPANY, Winfield, Kans. Filed Oct. 9, 1925.

OB

Particular description of goods.—Wheat Flour.

Claims use since Feb. 1, 1888.

Ser. No. 221,548. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FORMST ELECTRIC CO., INC., Newark, N. J. Filed Oct. 10, 1925.

UNITRON

Particular description of goods.—Battery Chargers, Rectifiers, and Filtering Devices for Supplying Direct Current to Electron Tubes, Thereby Eliminating B Batteries and Rectifying Bulbs.

Claims use since June 11, 1920, or battery chargers, rectifiers, and filtering devices, and since June 1, 1925, on rectifying bulbs.

Ser. No. 221,559. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) JOHN F. MCLEOD, doing business as Old Walnut Tube Patch Co., Hendersonville, N. C. Filed Oct. 10, 1925.

OLD WALNUT TUBE PATCH



No claim is made to the words "Tube Patch" apart from other features of the mark as shown on drawing.

Particular description of goods.—Inner-Tube Patching.

Claims use since January, 1925.

Ser. No. 221,857. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SQUIRE DINGEE COMPANY, Chicago, Ill. Filed Oct. 16, 1925.

Ma Brown's

No claim is made to the mere word "Brown's" apart from the mark shown on the drawing.

Particular description of goods.—Pickles, Jellies, Jams, Fruit and Berry Preserves, Catchup, and Prepared Mustard.

Claims use since May 6, 1925.

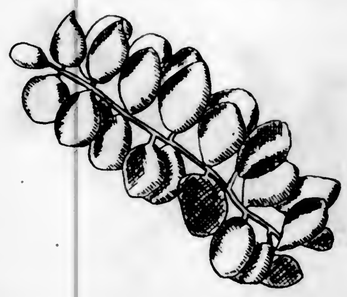
Ser. No. 221,971. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CECILE A. LAMOTHE, doing business as Parfumerie "Tina", Chicago, Ill. Filed Oct. 19, 1925.

TINA

Particular description of goods.—Perfumes, Brilliantine, Face Massage Creams, Face Fards, Face Rouge, Face Lotion, Face Cream, Talcum Powder, and Toilet Waters.

Claims use since July 20, 1925.

Ser. No. 222,063. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGE H. CENTER, Du Quoin, Ill. Filed Oct. 21, 1925.



Particular description of goods.—Preparation for Internal Treatment of Coughs, Colds, and Bronchitis.

Claims use since Sept. 5, 1925.

Ser. No. 222,153. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 23, 1925.

BAKELITE

Particular description of goods.—Frames and Ornaments for Pocketbooks and Hand Bags and Harness Buckles and Trimmings.

Claims use since Dec. 1, 1914.

Ser. No. 222,192. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) G. ROSSANO & BRO., New York, N. Y. Filed Oct. 23, 1925.

AIDA



Particular description of goods.—Macaroni and Canned Tomatoes.

Claims use since Feb. 26, 1917.

Ser. No. 222,220. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CENTRAL PROVISION COMPANY, Wilkes-Barre, Pa. Filed Oct. 24, 1925.

BRIARBROOK

Particular description of goods.—Butter, Eggs, and Cheese.

Claims use since Oct. 1, 1924.

Ser. No. 222,223. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES V. DAVIS, doing business as Santa Ana Soda & Bottling Co., Santa Ana, Calif. Filed Oct. 24, 1925.

CHOC-MALT

The descriptive word "Malt" is disclaimed apart from the other features of the mark as shown in the drawing.

Particular description of goods.—Food Beverage—Namely, Chocolate Malted Milk Drink.

Claims use since December, 1922.

Ser. No. 222,238. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) HERMETITE CORPORATION, New York, N. Y. Filed Oct. 24, 1925.

HERMETITE

Trade-mark consists of the word "Hermetite".

Particular description of goods.—Cotton Textile Fabrics and Silk Textile Fabrics Rendered Moisture and Air Proof and Intended Variously for Use in Raincoats, Waterproof Hats, Millinery Trimming, Draperies and Upholstery, Sanitary Wear (Such as Baby Pants, Crib Sheets, Diapers, Women's Aprons, Hospital Sheeting, or the Like), Window Shades, Tents, and Awnings, Tympan Sheets for Printing Presses, Wrappings for Insulated Electric Wires, and Similar Purposes.

Claims use since Apr. 1, 1923.

Ser. No. 222,241. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) HERMETITE CORPORATION, New York, N. Y. Filed Oct. 24, 1925.

HERMETITE

Trade-mark consists of the word "Hermetite".

Particular description of goods.—Films Consisting of a Moisture and Air Proof Composition and Intended for Transfer, Under Application of Heat and Pressure to the Surface of Cotton Textile Fabrics, Silk Textile Fabrics, Paper Sheets, and Similar Purposes.

Claims use since Aug. 24, 1925.

Ser. No. 222,266. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) M & A PRODUCE CO., Los Angeles, Calif. Filed Oct. 24, 1925.

"MA"

Particular description of goods.—Fresh Vegetables—Namely, Potatoes.

Claims use since Sept. 8, 1925.

Ser. No. 222,353. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE TOLEDO TIMER CO., Toledo, Ohio. Filed Oct. 26, 1925.

BLACK-CAP

Particular description of goods.—Spark Timers for Internal-Combustion Engines.

Claims use since March, 1925.

Ser. No. 222,399. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) RAO-AD COMPANY, Alhambra, Calif. Filed Oct. 27, 1925.

Rao-ad

Particular description of goods.—Electrically-Operated Advertising Devices in Which Advertising Matter is Displayed on Rotary Members or Disks.

Claims use since July 1, 1925.

Ser. No. 222,433. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 28, 1925.

BAKELITE

Particular description of goods.—Clothes Brush, Hairbrush, Nailbrush, Hand Brush, and Toothbrush Backs and Handles and Shaving Brush and Paintbrush Handles.

Claims use since Jan. 15, 1925.

Ser. No. 222,445. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ARTHUR LUDOVIC DUPLANTIS, Chicago, Ill. Filed Oct. 28, 1925.



Arthur L. Duplantis M. D.

The trade-mark consists of applicant's portrait and signature.

Particular description of goods.—High-Blood-Pressure Tablets, Indigestion Tablets, and a Saline Laxative Compound.

Claims use since Jan. 1, 1924.

Ser. No. 222,448. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) FAMOUS PLAYERS-LASKY CORPORATION, New York, N. Y. Filed Oct. 28, 1925.



Applicant disclaims the word "Films" apart from the mark as shown.

Particular description of goods.—Moving Pictures.

Claims use since Sept. 17, 1925.

Ser. No. 222,594. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) MAX E. BERNHARDT, New York, N. Y. Filed Oct. 31, 1925.

JMCO

Particular description of goods.—Cigar Lighters.

Claims use since Sept. 16, 1925.

Ser. No. 222,624. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EMILIO MARTINI, Chicago, Ill. Filed Oct. 31, 1925.

MARCA FRANTOIO

The word "Marca" does not form a part of the mark sought to be registered apart from the mark as shown in the drawing.

Particular description of goods.—Olive Oil.

Claims use since 1919.

Ser. No. 222,631. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAXTON & GALLAGHER CO., Omaha, Nebr. Filed Oct. 31, 1925.

YELLOWSTONE



Particular description of goods.—Canned Peas, Canned Peaches, Spices, Stuffed Olives, Cider Vinegar, Tomato Catchup, Peanut Butter, Food Sirup, Canned Salmon, Rice, Food-Flavoring Extracts, Macaroni, Tea, Raisins, and Pickles.

Claims use since 1908.

Ser. No. 222,640. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SUCESION J. SERRALLES, Ponce, Porto Rico. Filed Oct. 31, 1925.

Snow White
Cane Sugar



Applicant disclaims exclusive right to the use of the words "Snow White," "Cane Sugar," "Refined Standard Granulated Pure Cane Sugar," and "Made in America" except as the same are used in connection with the other features of the mark shown on the drawing.

Particular description of goods.—Granulated Sugar.

Claims use since Sept. 17, 1925.

Ser. No. 222,644. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) VALLEY ELECTRIC COMPANY, Wilmington, Del., and St. Louis, Mo. Filed Oct. 31, 1925.

Valley

Particular description of goods.—Electric Motors, Electric Relays for Controlling Electric-Light Circuits.

Claims use since Jan. 19, 1920.

Ser. No. 222,650. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ABRAHAM WITT, Hoboken, N. J. Filed Oct. 31, 1925.

Mother's
MALTED MILK

The expression "Malted Milk" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Malted Milk.

Claims use since Aug. 1, 1925.

Ser. No. 222,665. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CONSOLIDATED BATTERY COMPANY, Buffalo, N. Y., and Philadelphia, Pa. Filed Nov. 2, 1925.

CONSOL

Particular description of goods.—Electric Batteries.

Claims use since on or about June 30, 1924.

Ser. No. 222,719. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) VAN NETTE LAWN MOWER COMPANY, Tiffin, Ohio. Filed Nov. 2, 1925.

JACKKNIFE

Particular description of goods.—Lawn Mowers.

Claims use since Apr. 1, 1921.

Ser. No. 222,749. (CLASS 12. CONSTRUCTION MATERIALS.) KRAUS KASTONE PRODUCTS CORPORATION, New York, N. Y. Filed Nov. 3, 1925.

KASTURN

Particular description of goods.—Ornamental Architectural Figures and Ornaments Made of Stone or Stone Composition or of Plaster or Plaster Composition.

Claims use since March, 1925.

Ser. No. 222,753. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) EDWARD TALCOTT MOORE, Syracuse, N. Y. Filed Nov. 3, 1925.

EDMOORE

Particular description of goods.—Electric Control of the Power Demand and Peak Loads in Electric Power Circuits.

Claims use since June 15, 1925.

Ser. No. 222,762. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) PERRYMAN ELECTRIC COMPANY, INC., New York, N. Y. Filed Nov. 3, 1925.

G. H. Perryman

The mark consists of the signature of G. H. Perryman of the applicant corporation.

Particular description of goods.—Vacuum Tubes.

Claims use since Oct. 1, 1925.

Ser. No. 222,860. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE C. MILLER & CO., INC., Boston, Mass. Filed Nov. 5, 1925.

LIK-WID

Particular description of goods.—Candy.

Claims use since January, 1925.

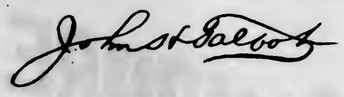
Ser. No. 222,880. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE REA-PATTERSON MILLING COMPANY, Coffeyville, Kans. Filed Nov. 5, 1925.

S AND P

Particular description of goods.—S and P Wheat Bran and Wheat Screenings, S and P Wheat Mixed Feed and Wheat Screenings, S and P Wheat Gray Shorts and Wheat Screenings, S and P Corn Chop.

Claims use since July 1, 1894.

Ser. No. 222,888. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) TALBOT MANUFACTURING CO., Los Angeles, Calif. Filed Nov. 5, 1925.



The trade-mark represents the facsimile signature of John H. Talbot.

Particular description of goods.—Insecticides.

Claims use since 1913.

Ser. No. 222,890. (CLASS 45. BEVERAGES, NONALCOHOLIC.) GEORGE TOLCHIN, doing business as Los Angeles Beverage Soda and Seltzer Works, Los Angeles, Calif. Filed Nov. 5, 1925.

Thrill

Particular description of goods.—Nonalcoholic, Maltless Beverage Used as Soft Drink, together with Sirups and Extracts for Making Same.

Claims use since June 15, 1922.

Ser. No. 222,974. (CLASS 39. CLOTHING.) WOODWARD & LOTHROP, Washington, D. C. Filed Nov. 6, 1925.

Jane Wandl

Particular description of goods.—Women's, Girls', and Misses' Undergarments and Clothing—Namely, Dresses, Tailored Suits, Riding Suits, Knicker Suits, Skirts, Coats, Corsets, Brassières, Shirt Waists, Middies, Hats, Caps, Bath Robes, Negligees, Lounging Robes, Petticoats, Costume Slips, Bloomers, Chemises, Nightgowns, Combinations, Sweaters, Hosiery, and Scarfs, Made Out of Knitted Material, and Women's and Girls' Shoes, Boots, Slippers, Leggings, Putties Made out of Leather, Rubber, Canvas, Buckskin, or Linen or Composition of Similar Materials, and Women's and Girls' Gloves Made out of Leather and Kid.

Claims use since Mar. 21, 1925.

Ser. No. 222,981. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GENERAL TRADING CORPORATION, San Francisco, Calif. Filed Nov. 7, 1925.

CALBESTINE

Particular description of goods.—Talc, a Dry Paint. This is a peculiar quality of Talc particularly suitable for the paint trade as an Extender or Inert Material.

Claims use since Sept. 12, 1922.

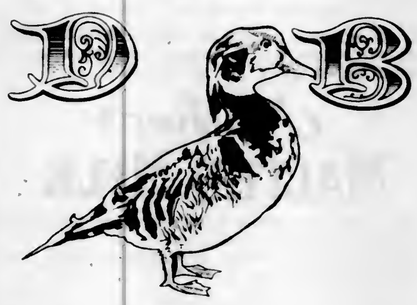
Ser. No. 223,026. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) FALLS CITY DENTAL SPECIALTY CO., INC., Louisville, Ky. Filed Nov. 9, 1925.

WHIP-MIX

Particular description of goods.—Dental Investment, Dental Stone, and Dental Plaster.

Claims use since June 10, 1925.

Ser. No. 223,164. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DUCKWALL BROS., Hood River, Oreg. Filed Nov. 12, 1925.



The lining on the drawing is intended for shading purposes only.

Particular description of goods.—Fresh Apples and Fresh Pears.

Claims use since 1916.

Ser. No. 223,176. (CLASS 45. BEVERAGES, NONALCOHOLIC.) HERBERT R. LAND, doing business as Crystal Water Co., Los Angeles, Calif. Filed Nov. 12, 1925.

TUX

Particular description of goods.—Ginger Ale and Nonalcoholic, Maltless Beverages Sold as Soft Drinks.

Claims use since Apr. 1, 1925, and by predecessor since May, 1922.

Ser. No. 223,196 (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SCHAEIBER PRODUCTS CORPORATION, Buffalo, N. Y. Filed Nov. 12, 1925.

MALT-O-LADE

No claim is made for the word "Malt" apart from the mark shown in the drawing.

Particular description of goods.—Dried Malt Extract for Food Purposes.

Claims use since Nov. 2, 1925.

Ser. No. 223,227. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE B. F. GOODRICH COMPANY, New York, N. Y. Filed Nov. 13, 1925.

SUPERFLEX

Particular description of goods.—Dredging Sleeves.

Claims use since about Aug. 10, 1923.

Ser. No. 223,267. (CLASS 41. CANES, PARASOLS, AND UMBRELLAS.) WOODWARD & LOTHROP, Washington, D. C. Filed Nov. 13, 1925.

Jane Wandl

Particular description of goods.—Women's Umbrellas.

Claims use since Mar. 21, 1925.

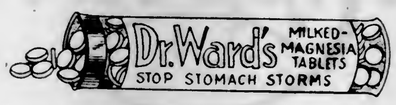
Ser. No. 223,269. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WOODWARD & LOTHROP, Washington, D. C. Filed Nov. 13, 1925.

Jane Wandl

Particular description of goods.—Massage Cream, Cold Cream, Perfumery Extracts, Sachet Powder, Face Powder, Toilet Water, Nail Powder, Nail Enamel, Toilet Rouge, Eyebrow Pencil, Hand Lotions, Cleansing Cream, Bath Crystals, Brilliantine, Talcum Powder, Compacts, Depilatory, Deodorant, and Lip Stick.

Claims use since Nov. 9, 1925.

Ser. No. 223,273. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ATLANTIC REMEDIES COMPANY, INC., New York, N. Y. Filed Nov. 14, 1925.



No claim is made to the wording nor to the representation of the container and goods apart from the combination and arrangement shown.

Particular description of goods.—Magnesia Tablets.

Claims use since June, 1925.

Ser. No. 223,291. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) FLETCHER WORKS INCORPORATED, Philadelphia, Pa. Filed Nov. 14, 1925.



Applicant disclaims the representation of the goods apart from the mark as shown. The trade-mark consists in coloring the handles of the ice picks red, and the lining in the drawing indicates the color red.

Particular description of goods.—Ice Picks.

Claims use since about May 8, 1925.

Ser. No. 223,296. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HEPPENSTALL FORGE AND KNIFE COMPANY, Pittsburgh, Pa. Filed Nov. 14, 1925.

HOTKUT

Particular description of goods.—Shear Knives.

Claims use since Oct. 1, 1924.

Ser. No. 223,322. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PENN PROCESS COMPANY, INC., Elkins Park, Pa. Filed Nov. 14, 1925.



No claim is made to the word "Quality" apart from the mark as shown. The portrait shown is that of William Penn, deceased.

Particular description of goods.—Chemicals for Photographic Purposes.

Claims use since Oct. 15, 1925.

Ser. No. 223,353. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF.) A. S. ALOE CO., St. Louis, Mo. Filed Nov. 16, 1925.

MAGIC

Particular description of goods.—Cement Mixers.
Claims use since January, 1921.

Ser. No. 223,354. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) A. S. ALOE CO., St. Louis, Mo. Filed Nov. 16, 1925.

JIFFY

Particular description of goods.—Saws.
Claims use since May, 1925.

Ser. No. 223,384. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GOLDEN NUGGET SWEETS, San Francisco, Calif. Filed Nov. 16, 1925.

Walnut Nuggets

The word "Walnut" is disclaimed apart from the other features of the mark.
Particular description of goods.—Candy.
Claims use since March, 1919.

Ser. No. 223,387. (CLASS 45. BEVERAGES, NONALCOHOLIC.) JACKSON BREWING COMPANY, New Orleans, La. Filed Nov. 16, 1925.

Jolly Boy



Particular description of goods.—Nonalcoholic, Maltless Beverage Sold as a Soft Drink and Sirups for Making the Same.
Claims use since Feb. 18, 1925.

Ser. No. 223,399. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) MAWHINNEY LAST COMPANY, doing business as Paul S. Jones Co., Brockton, Mass. Filed Nov. 16, 1925.

Foxy Fido

Particular description of goods.—Toy Mechanical Dogs.
Claims use since May 6, 1925.

Ser. No. 223,403. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) PEERLESS PRODUCTS CO., Los Angeles, Calif. Filed Nov. 16, 1925.

Gleemo

Particular description of goods.—Wax and Liquid Polish for Floors, Furniture, and Woodwork and Automobiles.
Claims use since June 15, 1925.

Ser. No. 223,444. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) NEW ENGLAND TRUNK CO., Everett, Mass. Filed Nov. 17, 1925.

MAIDRITE
Hippoite

Particular description of goods.—Traveling Equipment—Namely, Suitcases.
Claims use since on or about Aug. 15, 1925.

Ser. No. 223,459. (CLASS 5. ADHESIVES.) PHILIPP J. BREIVOGEL, New York, N. Y. Filed Nov. 18, 1925.

STASTUK

Particular description of goods.—Transparent Adhesive—viz, Transparent Liquid Cement.
Claims use since about Oct. 27, 1925.

Ser. No. 223,470. (CLASS 45. BEVERAGES, NONALCOHOLIC.) H. FOX & CO., Brooklyn, N. Y. Filed Nov. 18, 1925.



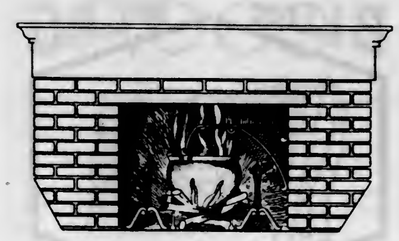
Particular description of goods.—Nonalcoholic, Maltless Beverages and Sirups.
Claims use since Oct. 1, 1924.

Ser. No. 223,471. (CLASS 45. BEVERAGES, NONALCOHOLIC.) H. FOX & CO., Brooklyn, N. Y. Filed Nov. 18, 1925.



Particular description of goods.—Nonalcoholic, Maltless Beverages and Sirups Therefor.
Claims use since Oct. 1, 1924.

Ser. No. 223,506. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JESSE A. DIETZEN, Frankton, Ind. Filed Nov. 19, 1925.



Particular description of goods.—Bread.
Claims use since Oct. 1, 1923.

Ser. No. 223,538. (CLASS 39. CLOTHING.) MUSKIN SHOE COMPANY, Baltimore, Md. Filed Nov. 19, 1925.

STURDIWELTS

Particular description of goods.—Boots and Shoes of Leather, Rubber, and Faoric and of Combinations of Leather, Rubber, and Fabric.
Claims use since Sept. 17, 1925.

Ser. No. 223,615. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) THE ALMETAL MANUFACTURING COMPANY, Maplewood, Mo. Filed Nov. 21, 1925.

Pollyanna

Particular description of goods.—Ironing Machines.
Claims use since Oct. 7, 1924.

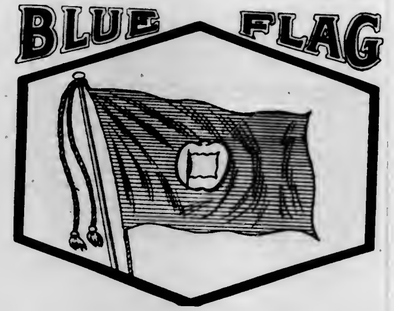
Ser. No. 223,617. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AVERI DRUG & CHEMICAL COMPANY, Jersey City, N. J. Filed Nov. 21, 1925.

RAISINETS

Particular description of goods.—Medicinal Compound for Use in the Treatment of Constipation.
Claims use since Apr. 1, 1924.

Ser. No. 223,624. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EARL FRUIT COMPANY, Spokane, Wash. Filed Nov. 21, 1925.

BLUE FLAG



The drawing is lined for blue.
Particular description of goods.—Fresh Apples.
Claims use since September, 1925.

Ser. No. 223,629. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EXTINGUISHERS, LTD., Whitehall, London, England. Filed Nov. 21, 1925.

SAFOAM

Particular description of goods.—Fire-Extinguishing Compounds.
Claims use since June 29, 1925.

Ser. No. 223,656. (CLUASS 29. BROOMS, BRUSHES, AND DUSTERS.) PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass. Filed Nov. 21, 1925. Under ten-year proviso.

Pro-phy-lac-tic

Particular description of goods.—Toothbrushes, Nailbrushes, Hairbrushes, Flesh Brushes, Lather Brushes, and Clothes Brushes.
Claims use since 1885.

Ser. No. 223,668. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) R. TOBOUL, doing business as Maison Cyber, Paris, France. Filed Nov. 21, 1925.

MOI-MÊME DE CYBER

Particular description of goods.—Perfumes, Toilet Water, Face Powder, Talcum Powder, Sachet Powder, Face Cream, and Rouges.
Claims use since Sept. 29, 1925.

Ser. No. 223,669. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) R. TOBOUL, doing business as Maison Cyber, Paris France. Filed Nov. 21, 1925.

CYBERA DE CYBER

Particular description of goods.—Perfumes, Toilet Water, Face Powder, Talcum Powder, Sachet Powder, Face Cream, and Rouges.
Claims use since Sept. 29, 1925.

Ser. No. 223,672. (CLASS 39. CLOTHING.) WILKES-BARRE DRY GOODS COMPANY, also doing business as Lazarus Brothers, Wilkes-Barre, Pa. Filed Nov. 21, 1925.

ROSALYN

Particular description of goods.—Women's Dresses, Coats, Suits, Sweaters, Blouses, and Hats.
Claims use since Sept. 15, 1924.

Ser. No. 223,707. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GREAT LAKES VARNISH WORKS, INC., Chicago, Ill. Filed Nov. 23, 1925.

HOMEGLOSS

Particular description of goods.—Paint Enamels.
Claims use since July 25, 1925.

Ser. No. 223,710. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) EDWARD E. GREEN, doing business as Star Aluminum and Brass Foundry, San Francisco, Calif. Filed Nov. 23, 1925.

ATTA-BOY
Boy-Land RACER & SPEEDSTER
The Toy that Outwears the Boy

The words "Boy-Land Racer & Speedster" and "The Toy That Outwears the Boy" are disclaimed apart from the other features of the mark.
Particular description of goods.—Toy Automobiles.
Claims use since Nov. 1, 1925.

Ser. No. 223,716. (CLASS 39. CLOTHING.) HECO ENVELOPE COMPANY, Chicago, Ill. Filed Nov. 23, 1925.

HECO "O" SPATS

Applicant disclaims any exclusive right to the word "Spats" apart from the mark shown in the drawing.
Particular description of goods.—Stocking Protectors.
Claims use since Oct. 15, 1925.

Ser. No. 223,718. (CLASS 27. HOROLOGICAL INSTRUMENTS.) ILLINOIS WATCH CASE COMPANY, Elgin, Ill. Filed Nov. 23, 1925.

WELDWOOD

Particular description of goods.—Watch Movements and Watchcases.
Claims use since Mar. 12, 1925.

Ser. No. 223,719. (CLASS 27. HOROLOGICAL INSTRUMENTS.) ILLINOIS WATCH CASE COMPANY, Elgin, Ill. Filed Nov. 23, 1925.

RISO

Particular description of goods.—Watch Movements and Watchcases.
Claims use since June 25, 1923.

Ser. No. 223,720. (CLASS 27. HOROLOGICAL INSTRUMENTS.) ILLINOIS WATCH CASE COMPANY, Elgin, Ill. Filed Nov. 23, 1925.

RALO

Particular description of goods.—Watch Movements and Watchcases.
Claims use since Oct. 4, 1922.

Ser. No. 223,721. (CLASS 27. HOROLOGICAL INSTRUMENTS.) ILLINOIS WATCH CASE COMPANY, Elgin, Ill. Filed Nov. 23, 1925.

VERA

Particular description of goods.—Watch Movements and Watchcases.
Claims use since Apr. 24, 1922.

Ser. No. 223,723. (CLASS 27. HOROLOGICAL INSTRUMENTS.) ILLINOIS WATCH CASE COMPANY, Elgin, Ill. Filed Nov. 23, 1925.

VACO

Particular description of goods.—Watch Movements and Watchcases.
Claims use since June 25, 1923.

Ser. No. 223,725. (CLASS 27. HOROLOGICAL INSTRUMENTS.) ILLINOIS WATCH CASE COMPANY, Elgin, Ill. Filed Nov. 23, 1925.

ROCO

Particular description of goods.—Watch Movements and Watchcases.
Claims use since Oct. 11, 1922.

Ser. No. 223,726. (CLASS 27. HOROLOGICAL INSTRUMENTS.) ILLINOIS WATCH CASE COMPANY, Elgin, Ill. Filed Nov. 23, 1925.

NORCO

Particular description of goods.—Watch Movements and Watchcases.
Claims use since Apr. 14, 1925.

Ser. No. 223,728. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) INDEPENDENT FRUIT SHIPPERS, Wenatchee, Wash. Filed Nov. 23, 1925.

SNOFED

Particular description of goods.—Fresh Apples.
Claims use since 1917.

Ser. No. 223,729. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JAMES V. LAGO, doing business as Vilar Bros., New York, N. Y. Filed Nov. 23, 1925.

ALMAVIVA

The lining on the drawing indicates purple for the inner and green for the outer margin surrounding the word "Almaviva."
Particular description of goods.—Skin Tonic.
Claims use since May, 1925.

Ser. No. 223,732. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MEIER & FRANK COMPANY, Portland, Oreg. Filed Nov. 23, 1925.

Cascadian

Particular description of goods.—Cheese.
Claims use since Sept. 14, 1925.

Ser. No. 223,756. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VI-BENZ LABORATORY, Washington, D. C. Filed Nov. 23, 1925.



Particular description of goods.—Preparation for the Relief of Painful Menstruation.
Claims use since Nov. 16, 1925.

Ser. No. 223,760. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGE G. ANDERSON, New York, N. Y. Filed Nov. 24, 1925.

DISTO-TONIC

No claim is made to the word "Tonic" apart from the mark as shown.
Particular description of goods.—Tonic for Distemper and Building up of Anæmic Dogs.
Claims use since Dec. 13, 1922.

Ser. No. 223,776. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ISAAC EDWARD EMERSON, Baltimore, Md. Filed Nov. 24, 1925.



The drawing is lined to represent the color blue. No exclusive claim is made to the words "Emerson's" or "Granular Effervescent" except as associated with the other features of the mark.
Particular description of goods.—Laxative and Cathartic for the Treatment of the Liver, Intestinal and Stomach Disorders, for Seasickness, Acidosis, and for Helping to Maintain the Normal Alkalinity of the Blood, for Gout, Rheumatism, and Constipation, High Blood Pressure, and Obesity.
Claims use since Aug. 15, 1925.

Ser. No. 223,788. (CLASS 38. PRINTS AND PUBLICATIONS.) INTERNATIONAL TELEPHONE & TELEGRAPH CORPORATION, New York, N. Y. Filed Nov. 24, 1925.

REVISTA TELEFONICA INTERNACIONAL

Particular description of goods.—Periodical Published Quarterly.
Claims use since Mar. 1, 1925.

Ser. No. 223,793. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ADOLF J. MAINZER, INC., Long Island City, N. Y. Filed Nov. 24, 1925.

Dipin

Particular description of goods.—Cracker Meal.
Claims use since about November, 1920.

Ser. No. 223,795. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MILNE-O'BERRY PACKING CO., St. Petersburg, Fla. Filed Nov. 24, 1925.

GOLDEN SUNSET BRAND

The descriptive word "Brand" is disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Fresh Oranges and Grapefruit.
Claims use since 1921.

Ser. No. 223,805. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES G. ROMANO, doing business as Charles G. Romano & Co., New York, N. Y. Filed Nov. 24, 1925.

PIEMONT-GRAPO



The pictorial representation of the bunch of grapes is disclaimed apart from the mark shown.
Particular description of goods.—Fruit Jams.
Claims use since Nov. 2, 1925.

Ser. No. 223,813. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HARRY TEMKIN, doing business as Straight Root Co., New York, N. Y. Filed Nov. 24, 1925.

Straight-Root

Particular description of goods.—Hairdressings.
Claims use since 1918.

Ser. No. 223,841. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROSA M. FINGERHUT, doing business as The H. A. Ink Eradicator Co., New York, N. Y. Filed Nov. 25, 1925.



No claim is made to the exclusive use of the words "Ink Eradicator" except as shown in the drawing.
Particular description of goods.—Ink Eradicator.
Claims use since February, 1906.

Ser. No. 223,866. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PUREXO PRODUCTS CO., San Francisco, Calif. Filed Nov. 25, 1925.

VINZYMO

Particular description of goods.—Medicinal Tonic.
Claims use since Oct. 15, 1925.

Ser. No. 223,885. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS. NOT INCLUDING ELECTRICAL APPARATUS.) BABSON BROTHERS, Chicago, Ill. Filed Nov. 27, 1925.

BULLDOG

Particular description of goods.—Pipeless Furnaces.
Claims use since November, 1920.

Ser. No. 223,894. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) BOSTON WOVEN HOSE & RUBBER COMPANY, Cambridge, Mass. Filed Nov. 27, 1925.

BULL DOG

The mark consists of the words "Bull Dog."
Particular description of goods.—Rubber Mats and Rubber Matting.
Claims use since Sept. 1, 1906.

Ser. No. 223,898. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE CABLE COMPANY, Chicago, Ill. Filed Nov. 27, 1925.

CABLE
MIDGET

No claim is made to the word "Midget" apart from the mark shown in the drawing.
Particular description of goods.—Pianos.
Claims use since Nov. 17, 1925.

Ser. No. 223,918. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) E. I. HORSMAN CO. INC., New York, N. Y. Filed Nov. 27, 1925.

HEbee-SHEbees

Particular description of goods.—Dolls.
Claims use since Nov. 20, 1925.

Ser. No. 223,929. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MONROE DRUG COMPANY, Quincy, Ill. Filed Nov. 27, 1925.

COLORANTES FIJOS DE PUTNAM



The words "Colorantes," "de Putnam," and "Putnam Fadeless Dyes" are disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Dyes.
Claims use since Nov. 19, 1925.

Ser. No. 223,930. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MONROE DRUG COMPANY, Quincy, Ill. Filed Nov. 27, 1925.

"NO-KOLOR" DE PUTNAM POLVOS DE BLANQUEAR



The words "No-Kolor de Putnam" and "Polvos de Blanquear" are disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Dyes.
Claims use since Jan. 7, 1925.

Ser. No. 223,951. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALBERT FRANKLIN WOODWARD, doing business as Ez-Ol Chemical Co., Highland Park, Detroit, Mich. Filed Nov. 27, 1925.

EZ-OL

Particular description of goods.—Salve for the Treatment of Cuts, Wounds, Burns, and Burning and Itching Diseases.
Claims use since Aug. 1, 1925.

Ser. No. 223,953. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ABONITA COMPANY, INC., Chicago, Ill. Filed Nov. 28, 1925.

TAP-IT-PAC

Particular description of goods.—Toilet Powders.
Claims use since Nov. 6, 1925.

Ser. No. 223,956. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) H. V. BRITTON, New York, N. Y. Filed Nov. 28, 1925.

Petrolpalm

Particular description of goods.—Hair Shampoo.
Claims use since Aug. 2, 1925.

Ser. No. 223,958. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed Nov. 28, 1925.

Harp

Particular description of goods.—Pork-Rind Spinners.
Claims use since Nov. 18, 1925.

Ser. No. 223,973. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN OPITZ, INC., New York, N. Y. Filed Nov. 28, 1925.

Mystic Lure

Particular description of goods.—Preparation for Use in Killing Roaches, Rats, and Mice, Water Bugs, and Other Insects.
Claims use since Feb. 2, 1925.

Ser. No. 223,975. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Filed Nov. 28, 1925.

Nujol

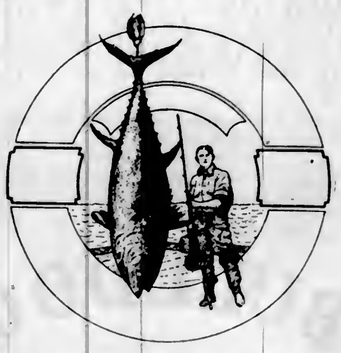
Particular description of goods.—Battery-Sealing Compounds.
Claims use since Nov. 1, 1923.

Ser. No. 223,985. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE ANTROL LABORATORIES, INC., Los Angeles, Calif. Filed Nov. 30, 1925.

Snārol

Particular description of goods.—Insecticides—Namely, Snail-Control Meal.
Claims use since February, 1925.

Ser. No. 223,990. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) ASHAWAY LINE & TWINE MANUFACTURING COMPANY, Ashaway, R. I. Filed Nov. 30, 1925.



Particular description of goods.—Fishing Line.
Claims use since Oct. 27, 1925.

Ser. No. 223,995. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GRANT BEST, Detroit, Mich. Filed Nov. 30, 1925.

GRANT'S Wink

Particular description of goods.—Laxative Chewing Gum.
Claims use since Sept. 11, 1923.

Ser. No. 224,014. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE GLORAY COMPANY, New York, N. Y. Filed Nov. 30, 1925.

Glo-ray

Trade-mark consists in the word "Glo-ray."
Particular description of goods.—Nail Polish.
Claims use since May, 1922.

Ser. No. 224,015. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HARRY GOLD, Baltimore, Md. Filed Nov. 30, 1925.

HARRY GOLD

916 E. Fayette St.



הערי גאָלד

916 א. מאַדיסאָן

The portrait is that of applicant. No claim is made to the exclusive use of the words "Harry Gold, 916 E. Fayette St." and/or the Hebrew characters (which are a translation of the English words quoted) apart from the mark shown.
Particular description of goods.—Bread, Biscuits, and Cakes.
Claims use since Oct. 1, 1923.

Ser. No. 224,017. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE B. F. GOODRICH COMPANY, New York, N. Y. Filed Nov. 30, 1925.

ARMORITE

Particular description of goods.—Sheet-Rubber Coverings for Surfaces of Receptacles, Conduits, Machinery Parts, and Other Articles.
Claims use since Nov. 4, 1925.

Ser. No. 224,021. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HANLY PRODUCTS CO. INC., Chicago, Ill. Filed Nov. 30, 1925.

PASCOREL

Particular description of goods.—Tablets for Aid in Reducing.
Claims use since Sept. 19, 1925.

Ser. No. 224,027. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE KOLYNOS CO., New Haven, Conn. Filed Nov. 30, 1925.

Nalqiri

Particular description of goods.—Bath Salts, Face Powder, Talcum Powder, Shampoo Solution, Perfume, Toilet Water, Cold Cream, Vanishing Cream, Compact Powder, Rouge Compact, and Lip Sticks.
Claims use since Nov. 24, 1925.

Ser. No. 224,035. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MUTUAL CREAMERY COMPANY, Los Angeles, Calif. Filed Nov. 30, 1925.

Mountain

Particular description of goods.—Eggs.
Claims use since 1908.

Ser No. 224,046. (CLASS 38. PRINTS AND PUBLICATIONS.) PORTER-LANGTRY COMPANY, Chicago, Ill. Filed Nov. 30, 1925.

The Skyscraper Times

Particular description of goods.—Title for a Magazine News Section.
Claims use since Apr. 1, 1914.

Ser. No. 224,095. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) LARS JACKSON, doing business as The Lars Jackson Co., Brooklyn, N. Y. Filed Dec. 2, 1925.

SAF-ZONE

Particular description of goods.—Ready-Mixed Paint.
Claims use since Sept. 20, 1924.

Ser. No. 224,096. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) JOHNSON & JOHNSON, New Brunswick, N. J. Filed Dec. 2, 1925.

STERIPAK

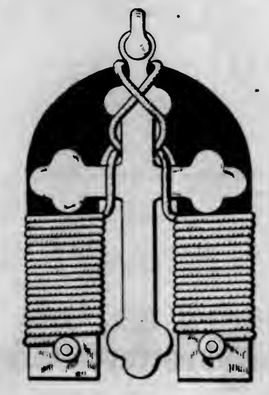
Particular description of goods.—Surgical Dressings.
Claims use since early in 1924.

Ser. No. 224,125. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CAROLINE LOUISE WILLIAMS, Wildwood, N. J. Filed Dec. 2, 1925.

Caroline Louise

Particular description of goods.—Fruit Cake.
Claims use since June, 1923.

Ser. No. 224,139. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) BRUNO ICKELSHEIMER, New York, N. Y. Filed Dec. 1, 1925.



Particular description of goods.—Electromedical Appliances.
Claims use since June, 1925.

Ser. No. 224,144. (CLASS 31. FILTERS AND REFRIGERATORS.) LOUISVILLE REFRIGERATOR CORPORATION, Louisville, Ky. Filed Dec. 1, 1925.



Particular description of goods.—Refrigerators.
Claims use since Oct. 1, 1925.

Ser. No. 224,196. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE MARIETTA PAINT & COLOR COMPANY, Marietta, Ohio. Filed Dec. 3, 1925.



Particular description of goods.—Enamels in the Nature of Paints.
Claims use since 1909.

Ser. No. 224,265. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROWOLA PARFUMERIE, INC., Chicago, Ill. Filed Dec. 4, 1925.



Particular description of goods.—Toilet Water, Perfume, Sachet, Face Creams, and Toilet Powder.
Claims use since January, 1923.

Ser. No. 224,309. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WALLACE & TIERNAN CO., INC., Newark, N. J. Filed Dec. 5, 1925.

AGENITE

Particular description of goods.—Ammonium Salt for Use in the Ageing of Flour.
Claims use since October, 1920.

Ser. No. 224,347. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) PACIFIC FOUNDRY COMPANY, San Francisco, Calif. Filed Dec. 7, 1925.

FERROTITE

Particular description of goods.—Metal Castings Made of an Iron Mixture or Alloy.
Claims use since about June 10, 1925.

Ser. No. 224,372. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE AMERICAN STEEL AND WIRE COMPANY OF NEW JERSEY, Cleveland, Ohio; Chicago, Ill.; Pittsburgh, Pa.; New York, N. Y.; and Worcester, Mass. Filed Dec. 8, 1925.

MONITOR

Particular description of goods.—Wire Fencing, and Particularly Woven-Wire Fencing.
Claims use since Nov. 24, 1925.

Ser. No. 224,373. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) BAUSCH AND LOMB OPTICAL COMPANY, Rochester, N. Y. Filed Dec. 8, 1925.

SPARTAN

Particular description of goods.—Ophthalmic Mountings and Parts Thereof.
Claims use since between June and October, 1925.

Ser. No. 224,682. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) UNITED STATES PRODUCTS CORPORATION, San Jose, Calif. Filed Dec. 14, 1925.

PASHA

Particular description of goods.—Canned Fruits and Canned Vegetables.
Claims use since Nov. 24, 1925.

Ser. No. 224,683. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) UNITED STATES PRODUCTS CORPORATION, San Jose, Calif. Filed Dec. 14, 1925.

ONE-MORE

Particular description of goods.—Canned Fruits and Canned Vegetables.
Claims use since Nov. 24, 1925.

Ser. No. 224,687. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE YOUNGSTOWN SHEET AND TUBE COMPANY, Youngstown, Ohio. Filed Dec. 14, 1925.



Particular description of goods.—Steel Sheets.
Claims use since June, 1925.

Ser. No. 224,688. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE YOUNGSTOWN SHEET AND TUBE COMPANY, Youngstown, Ohio. Filed Dec. 14, 1925.



Particular description of goods.—Steel Sheets.
Claims use since June, 1925.

Ser. No. 224,709. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LEON ISRAEL & BROS. INC., New York, N. Y. Filed Dec. 15, 1925.

COLLEEN

Particular description of goods.—Green Coffee.
Claims use since about Dec. 1, 1925.

Ser. No. 224,795. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) ANSCO PHOTOPRODUCTS, INC., Binghamton, N. Y. Filed Dec. 17, 1925.

KIDDIEGRAPH

Particular description of goods.—Combination Camera and Film Kits.
Claims use since October, 1925.

Ser. No. 224,939. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HERMON L. VAN BLARCOM, Portland, Me. Filed Dec. 11, 1925.

VAN-SE-ROE

Particular description of goods.—Salad Dressings, Such as Mayonnaise, Russian Dressing, Sandwich Spreads, Etc.
Claims use since March, 1923.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

JANUARY 26, 1926.

208,248. WHEAT FLOUR. EMPIRE MILLING COMPANY, Minneapolis, Minn.
Filed August 17, 1925. Serial No. 218,958. PUBLISHED NOVEMBER 3, 1925.

208,249. LADIES' HATS TRIMMED AND UNTRIMMED. GITTER'S MILLINERY STORES, INC., Brooklyn and New York, N. Y.
Filed August 20, 1925. Serial No. 219,118. PUBLISHED NOVEMBER 3, 1925.

208,250. BUTTER, EGGS, AND DRESSED POULTRY. ARCHIBALD CLEAVER CLAUSER, Reading, Pa.
Filed August 22, 1925. Serial No. 219,229. PUBLISHED NOVEMBER 3, 1925.

208,251. CHILDREN'S SHOES OF LEATHER AND OF KID. W. T. GRANT COMPANY, Lynn, Mass., and New York, N. Y.
Filed August 27, 1925. Serial No. 219,423. PUBLISHED NOVEMBER 3, 1925.

208,252. FLUID MILK, SWEET CREAM, SOUR CREAM, AND BUTTERMILK. MARYLAND-VIRGINIA MILK PRODUCTS COMPANY, INC., Charlottesville, Va., and Washington, D. C.
Filed August 28, 1925. Serial No. 219,489. PUBLISHED NOVEMBER 3, 1925.

208,253. PIPE WRENCHES, MONKEY WRENCHES, CHAIN WRENCHES, PIPE CUTTERS, AND PIPE VISES. TRIMONT MANUFACTURING COMPANY INCORPORATED, Boston, Mass.
Filed August 28, 1925. Serial No. 219,504. PUBLISHED NOVEMBER 10, 1925.

208,254. WHEAT FLOUR. FISHER FLOURING MILLS COMPANY, Harbor Island, Seattle, Wash.
Filed August 31, 1925. Serial No. 219,580. PUBLISHED NOVEMBER 3, 1925.

208,255. DENATURED ALCOHOL. MASON BY-PRODUCTS CO., San Francisco, Calif.
Filed September 3, 1925. Serial No. 219,752. PUBLISHED NOVEMBER 3, 1925.

208,256. MOUTH WASH. RUSH SUGG, doing business as Anodine Pharmacal Company, Clinton, Iowa.
Filed September 3, 1925. Serial No. 219,789. PUBLISHED NOVEMBER 3, 1925.

208,257. SHAMPOO AND SCALP TREATMENT. RICHARD T. CLEARY, Charleston, W. Va.
Filed September 4, 1925. Serial No. 219,814. PUBLISHED NOVEMBER 3, 1925.

208,258. GARTERS. KIRKPATRICK AND BROWN, Newark, N. J.
Filed September 4, 1925. Serial No. 219,825. PUBLISHED NOVEMBER 3, 1925.

208,259. WHEAT FLOUR. THE ALEXANDER MILLING COMPANY, Winfield, Kans.
Filed September 5, 1925. Serial No. 219,866. PUBLISHED NOVEMBER 3, 1925.

208,260. CAKES. CONSUMERS BISCUIT CO., New Orleans, La.
Filed September 5, 1925. Serial No. 219,879. PUBLISHED NOVEMBER 3, 1925.

208,261. CHEESE. DAVIS BROS. CHEESE CO., Plymouth, Wis.
Filed September 5, 1925. Serial No. 219,880. PUBLISHED NOVEMBER 3, 1925.

208,262. OLIVE OIL. GAVALLA & ZANNOS, New York, N. Y.
Filed September 5, 1925. Serial No. 219,889. PUBLISHED NOVEMBER 3, 1925.

208,263. CAKES. DAVID A. GRISSINGER, Lemoyne, Pa.
Filed September 5, 1925. Serial No. 219,893. PUBLISHED NOVEMBER 3, 1925.

208,264. LAXATIVE. PARKE, DAVIS & COMPANY, Detroit, Mich.
Filed September 5, 1925. Serial No. 219,907. PUBLISHED NOVEMBER 3, 1925.

208,265. CERTAIN NAMED PINS. L. W. TIFFANY, Winsted, Conn.
Filed September 5, 1925. Serial No. 219,920. PUBLISHED OCTOBER 27, 1925.

208,266. INSECTICIDE. DELAVAN V. BURRELL, doing business as Aphicide Spray Mfg. Co., Rocky Ford, Colo.
Filed September 8, 1925. Serial No. 219,935. PUBLISHED NOVEMBER 3, 1925.

208,267. BLUING AND AMMONIA. DOWNING TAYLOR COMPANY, Springfield, Mass.
Filed September 8, 1925. Serial No. 219,949. PUBLISHED NOVEMBER 3, 1925.

208,268. CANDY. WALTER T. HALL & CO., Ottumwa, Iowa.
Filed August 12, 1925. Serial No. 218,755. PUBLISHED NOVEMBER 10, 1925.

208,269. REMEDY FOR ARTERIOSCLEROSIS. PAUL DELOUCHE, Paris, France.
Filed August 12, 1925. Serial No. 218,741. PUBLISHED NOVEMBER 3, 1925.

208,270. WHEAT FLOUR. THE SOUTHWESTERN MILLING COMPANY, INC., New York, N. Y.
Filed July 17, 1925. Serial No. 217,532. PUBLISHED NOVEMBER 3, 1925.

208,271. SEMOLINAS, WHEAT FLOURS, AND WHEAT OFFALS. MINNEAPOLIS MILLING COMPANY, Minneapolis, Minn.
Filed July 20, 1925. Serial No. 217,630. PUBLISHED NOVEMBER 3, 1925.

208,272. MACHINES FOR TESTING THE HARDNESS OF MATERIALS. AKTIEBOLAGET ALPHA, Sundbyberg, near Stockholm, Sweden.
Filed July 21, 1925. Serial No. 217,654. PUBLISHED NOVEMBER 3, 1925.

208,273. SHOES AND SLIPPERS MADE OF LEATHER, RUBBER, FABRIC, OR ANY COMBINATION OF THE SAME. REAL STYLE SHOE CO., Cincinnati, Ohio.
Filed August 7, 1925. Serial No. 218,524. PUBLISHED NOVEMBER 3, 1925.

208,274. WHEAT FLOUR. THE WILLIAM KELLY MILLING COMPANY, Hutchinson, Kans.
Filed July 10, 1925. Serial No. 217,157. PUBLISHED NOVEMBER 3, 1925.

208,275. FRESH PINEAPPLE. WEST INDIES FRUIT IMPORTING COMPANY, Chicago, Ill.
Filed June 22, 1925. Serial No. 216,242. PUBLISHED NOVEMBER 10, 1925.

208,276. FIRE-EXTINGUISHING MACHINES. EXTINGUISHERS, LIMITED, London, England.
Filed July 1, 1925. Serial No. 216,716. PUBLISHED NOVEMBER 3, 1925.

208,277. FUR TRIMMINGS AND FUR FINDINGS—NAMELY, COLLARS, CUFFS, AND BORDERS. FIRSTENBERG, NABOSHEK & KHEEL, New York, N. Y.
Filed June 27, 1925. Serial No. 216,530. PUBLISHED NOVEMBER 3, 1925.

208,278. VENDING MACHINES. JEFFRIES AUTOMATIC SERVICE COMPANY, Los Angeles, Calif.
Filed June 25, 1925. Serial No. 216,397. PUBLISHED NOVEMBER 3, 1925.

208,279. POULTRY FOOD. THE AMERICAN AGRICULTURAL CHEMICAL COMPANY, New York, N. Y.
Filed June 6, 1925. Serial No. 215,394. PUBLISHED NOVEMBER 3, 1925.

208,280. CANNED FRUITS, CANNED VEGETABLES, CANNED FISH, OLIVE OIL, MACARONI, AND TOMATO PASTE. CAFIERO & MENCACCI, Brooklyn, N. Y.
Filed June 3, 1925. Serial No. 215,232. PUBLISHED OCTOBER 27, 1925.

208,281. METAL-WORKING SMALL TOOLS—NAMELY, BORING DRILLS AND BITS OF ALL KINDS, REAMERS, SOCKETS, DRILL HOLDERS, DRILL CHUCKS, ARBORS, MANDRELS, TAPS, MILLS, MILLING CUTTERS, COUNTERSINKS, AND COUNTERBORES. THE CLEVELAND TWIST DRILL COMPANY, Cleveland, Ohio.
Filed April 25, 1925. Serial No. 213,278. PUBLISHED NOVEMBER 3, 1925.

208,282. PORTABLE FIXTURES FOR SELF-SERVICE STORES—NAMELY, COUNTERS AND SHOW-CASES. NIFTY JIFFY CORPORATION, Atlanta, Ga.
Filed May 22, 1925. Serial No. 214,738. PUBLISHED NOVEMBER 3, 1925.

208,283. CANDY BARS. PENDERGAST CANDY COMPANY, Minneapolis, Minn.
Filed May 2, 1925. Serial No. 213,733. PUBLISHED NOVEMBER 10, 1925.

208,284. LAXATIVE. FIG-A-LAX CORPORATION, now by change of name, Floria Chemical Company, Inc., New York, N. Y.
Filed April 25, 1925. Serial No. 213,292. PUBLISHED NOVEMBER 3, 1925.

208,285. VENDING MACHINES. THE COLUMBUS VENDING COMPANY, Columbus, Ohio.
Filed April 24, 1925. Serial No. 213,226. PUBLISHED NOVEMBER 3, 1925.

208,286. VIOLINS, CELLOS, LARGE CELLOS, VIOLAS, BASE VIOLAS, MANDOLINS, GUITARS, ZITHERS, HARPS, PIANOS. TIM GES. M. B. H. Vienna, Austria, assignor to A. Burdwise, Baltimore, Md.
Filed April 23, 1925. Serial No. 213,207. PUBLISHED SEPTEMBER 15, 1925.

208,287. VEHICLE TIRES MADE WHOLLY OR PARTLY OF RUBBER. THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis.
Filed March 12, 1925. Serial No. 210,896. PUBLISHED NOVEMBER 3, 1925.

208,288. WHEAT FLOUR. FUHRER-FORD MILLING CO., Mount Vernon, Ind.
Filed March 11, 1925. Serial No. 210,839. PUBLISHED NOVEMBER 3, 1925.

208,289. PENCILS. JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J.
Filed November 4, 1924. Serial No. 204,820. PUBLISHED JANUARY 20, 1925.

208,290. TONGS, RAZORS, COMMON PLANE IRON, ROUND-NOSE PLANE IRON, PLANE IRON, HOLLOW-NOSE PLANE IRON, SKEW PLANE IRON, TOOTHED PLANE IRON, SQUARE RABBET PLANE IRON, GROOVING IRON, PLOW BIT, SASH-FRAME PLANE IRON, MOLDING PLANE IRON, FILLET PLANE IRON, FIRMER CHISELS, STRONG FIRMER CHISEL, SOCKET FIRMER CHISEL, TURNING CHISEL, FIRMER GOUGE, MORTISE CHISEL, WOOD-CARVING KNIFE, SHOEMAKER'S KNIFE, WEFT KNIFE, AND LEATHER KNIFE. E. A. BERGS FABRIKS AKTIEBOLAG, Eskilstuna, Sweden.
Filed October 16, 1924. Serial No. 203,932. PUBLISHED NOVEMBER 3, 1925.

208,291. CANNED VEGETABLES, CANNED FRUITS, CANNED FISH, PICKLES, CATCHUP, CHILI CON CARNE, PRESERVED FRUITS, AND FLAVORING EXTRACTS FOR FOODS. WEST SIDE WHOLESALE GROCERY CO., Chicago, Ill.
Filed October 11, 1924. Serial No. 203,770. PUBLISHED NOVEMBER 3, 1925.

208,292. FRESH GRAPES, PEARS, PLUMS, PEACHES, CHERRIES, APRICOTS, AND PERSIMMONS. MARTIN GILBERT, Reedley, Calif.
Filed October 1, 1924. Serial No. 203,265. PUBLISHED OCTOBER 27, 1925.

208,293. TEXTILE FABRICS IN THE PIECE MADE OF COTTON, COTTON AND LINEN, AND LINEN. RINDEMAN-SALINGER CO., New York, N. Y.
Filed August 16, 1924. Serial No. 201,512. PUBLISHED OCTOBER 27, 1925.

208,294. BOOTS AND SHOES OF RUBBER AND FABRIC. FIRESTONE-APSLEY RUBBER COMPANY, Hudson, Mass.
Filed August 1, 1924. Serial No. 200,811. PUBLISHED NOVEMBER 3, 1925.

208,295. FRUIT PRESERVES. D. B. SCULLY SYRUP CO., Chicago, Ill.
Filed July 16, 1924. Serial No. 200,123. PUBLISHED NOVEMBER 10, 1925.

208,296. FOOD PRODUCTS—NAMELY, TUNNY FISH, AND PEELED TOMATOES IN A CANNED STATE, TOMATO SAUCE, OLIVE OIL, AND BLACK PEPPER. BENJAMIN DORMAN, New York, N. Y.
Filed July 10, 1924. Serial No. 199,880. PUBLISHED NOVEMBER 3, 1925.

208,297. UNFINISHED FURS AND SKINS. JULIUS KLUGMAN'S SONS INC., New York, N. Y.
Filed May 23, 1924. Serial No. 197,489. PUBLISHED MARCH 31, 1925.

208,298. OLIVE OIL. MARIANO DEMINICO, Boston, Mass.
Filed May 8, 1924. Serial No. 196,730. PUBLISHED OCTOBER 27, 1925.

208,299. COLD CREAM, FACE POWDER, ROUGES, AND PERFUMES. RHÉ DOUGLAS LORRAINE, New York, N. Y.
Filed April 17, 1924. Serial No. 195,703. PUBLISHED NOVEMBER 3, 1925.

208,300. BUTTER, COFFEE, FOOD-FLAVORING EXTRACTS, VINEGAR, PEANUT BUTTER, MUSTARD, SALAD DRESSING, AND ROLLED OATS. COX STORES CO., Little Rock, Ark.
Filed August 6, 1923. Serial No. 184,123. PUBLISHED NOVEMBER 3, 1925.

208,301. MINERAL POULTRY FEED AND SCRATCH. SOUTHERN GYPSUM COMPANY, INCORPORATED, North Holston, Va.
Filed September 14, 1925. Serial No. 220,257. PUBLISHED NOVEMBER 3, 1925.

208,302. WHEAT FLOUR. WARNER MOORE & CO., doing business as The Dunlop Mills, Richmond, Va.
Filed September 14, 1925. Serial No. 220,266. PUBLISHED NOVEMBER 3, 1925.

208,303. MEN'S DRESS SHOES MADE OF LEATHER, RUBBER, AND FABRIC, AND COMBINATIONS OF THE SAME. CHICAGO MAIL ORDER COMPANY, Chicago, Ill.
Filed September 18, 1925. Serial No. 220,397. PUBLISHED NOVEMBER 3, 1925.

208,304. LAXATIVE. J. L. EARL, Chicago, Ill.
Filed September 21, 1925. Serial No. 220,511. PUBLISHED NOVEMBER 3, 1925.

208,305. WHEAT FLOUR, PANCAKE FLOUR, BUCKWHEAT AND WHEAT FLOUR, PURE BUCKWHEAT FLOUR, GRAHAM FLOUR, CORN MEAL, PANCAKE SIRUP, AND EVAPORATED MILK. JOHN KNOBEL & SON, Freeport, Ill.
Filed September 21, 1925. Serial No. 220,543. PUBLISHED NOVEMBER 10, 1925.

208,306. PILE REMEDY. FREDERICK AUGUSTUS BOLLES PETERS, Sydney, Australia.
Filed September 21, 1925. Serial No. 220,569. PUBLISHED NOVEMBER 3, 1925.

208,307. CANNED FRUIT, CANNED VEGETABLES, CANNED FISH, CANNED OLIVES, BULK OLIVES, AND BOTTLED OLIVES. SIDNEY M. SIMON, doing business as Beach-Simon Co., Los Angeles, Calif.
Filed September 21, 1925. Serial No. 220,579. PUBLISHED NOVEMBER 10, 1925.

208,308. GAS-PURIFYING MATERIAL. STAUFFER CHEMICAL CO., San Francisco, Calif.
Filed September 21, 1925. Serial No. 220,580. PUBLISHED NOVEMBER 3, 1925.

208,309. POWDER FOR DUSTING ON LEAVES IN VINE CULTURES AND ORCHARDS FOR COMBATING INJURIOUS INSECTS, SUCH AS CATERPILLARS, ETC. FARBENFABRIKEN VORM. FRIEDR. BAYER & CO., Leverkusen, near Cologne-on-the-Rhine, Germany.
Filed September 22, 1925. Serial No. 220,603. PUBLISHED NOVEMBER 3, 1925.

208,310. FACE POWDERS, TALCUM POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, PERFUMES, HAIR TONICS, HAIR OIL, DENTIFRICES, TOOTH POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, BATH SALTS, SMELLING SALTS, AND SACHETS. VIVI, INC., New York, N. Y.
Filed September 23, 1925. Serial No. 220,690. PUBLISHED NOVEMBER 3, 1925.

208,311. PERFUME, TOILET WATER, TOILET POWDER, HAIR TONIC, SHAMPOO, HAIR OIL, FACE CREAM, BRILLIANTINE, AND BATH SALTS. KARLSRUHER PARFUMERIE-UND TOILETTESEIFEN-FABRIK F. WOLFF & SOHN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Karlsruhe, Germany.
Filed September 24, 1925. Serial No. 220,724. PUBLISHED NOVEMBER 3, 1925

208,312. PERFUME, TOILET WATER, TOILET POWDER, HAIR TONIC, SHAMPOO, HAIR OIL, FACE CREAM, BRILLIANTINE, AND BATH SALTS. KARLSRUHER PARFUMERIE-UND TOILETTESEIFEN-FABRIK F. WOLFF & SOHN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Karlsruhe, Germany.
Filed September 24, 1925 Serial No. 220,727. PUBLISHED NOVEMBER 3, 1925.

208,313. PERFUME, TOILET WATER, TOILET POWDER, HAIR TONIC, SHAMPOO, HAIR OIL, FACE CREAM, BRILLIANTINE, AND BATH SALTS. KARLSRUHER PARFUMERIE-UND TOILETTESEIFEN-FABRIK F. WOLFF & SOHN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Karlsruhe, Germany.
Filed September 24, 1925. Serial No. 220,729. PUBLISHED NOVEMBER 3, 1925.

208,314. STANDARDIZED AQUEOUS PREPARATION OF DIGITALIS FOR HYPODERMIC USE. H. K. MULFORD COMPANY, Philadelphia, Pa.
Filed September 25, 1925. Serial No. 220,788. PUBLISHED NOVEMBER 3, 1925.

208,315. STANDARDIZED FAT-FREE TINCTURE OF DIGITALIS. H. K. MULFORD COMPANY, Philadelphia, Pa.
Filed September 25, 1925. Serial No. 220,789. PUBLISHED NOVEMBER 3, 1925.

208,316. MOUTH WASH. DRS. OSTROM & MEYER, Peoria, Ill.
Filed September 25, 1925. Serial No. 220,795. PUBLISHED NOVEMBER 3, 1925.

208,317. ANTISEPTIC HEALING OINTMENT FOR USE IN CONNECTION WITH BURNS, SCALDS, AND SUNBURN. PAUL WOLDAN, doing business as Ciolen Laboratories, Elmhurst, N. Y.
Filed September 25, 1925. Serial No. 220,816. PUBLISHED NOVEMBER 3, 1925.

208,318. LAXATIVE NERVETONE COMPOUND. EQUITABLE INVESTMENT COMPANY, INCORPORATED, Washington, D. C.
Filed September 26, 1925. Serial No. 220,844. PUBLISHED NOVEMBER 3, 1925.

208,319. COMPOSITION OF MATTER USED FOR FACILITATING THE EXTRACTION OF HAIRS FROM THE FACES AND HANDS OF HUMAN BEINGS. JOSEPH BRUECK, doing business as Glossine Chemical Co., New York, N. Y.
Filed September 28, 1925. Serial No. 220,885. PUBLISHED NOVEMBER 3, 1925.

208,320. REMEDIES FOR SLEEPING SICKNESS. FARBENFABRIKEN VORM. FRIEDR. BAYER & CO., Leverkusen, near Cologne-on-the-Rhine, Germany.
Filed September 28, 1925. Serial No. 220,890. PUBLISHED NOVEMBER 3, 1925.

208,321. VETERINARY REMEDIES FOR SLEEPING SICKNESS. FARBENFABRIKEN VORM. FRIEDR. BAYER & CO., Leverkusen, near Cologne-on-the-Rhine, Germany.
Filed September 28, 1925. Serial No. 220,891. PUBLISHED NOVEMBER 3, 1925.

208,322. INHIBITING COMPOUNDS FOR TREATING METALS. WILLIAM W. HEARNE, INC., Philadelphia, Pa.
Filed September 28, 1925. Serial No. 220,897. PUBLISHED NOVEMBER 3, 1925.

208,323. BLOOD COAGULANT. THE WM. S. MERRELL COMPANY, Cincinnati, Ohio.
Filed September 28, 1925. Serial No. 220,907. PUBLISHED NOVEMBER 3, 1925.

208,324. PERFUMES. DANIEL JAQUET, Neuilly-sur-Seine, France.
Filed September 29, 1925. Serial No. 220,957. PUBLISHED NOVEMBER 10, 1925.

208,325. OLIVE OIL. PIETRO CURRERI, New York, N. Y.
Filed September 14, 1925. Serial No. 220,218. PUBLISHED NOVEMBER 10, 1925.

208,326. CRACKERS AND CAKES. PACIFIC COAST BISCUIT COMPANY, Seattle, Wash.
Filed August 12, 1925. Serial No. 218,773. PUBLISHED NOVEMBER 3, 1925.

208,327. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. JACKSON COUNTY CREAMERY, Medford, Oreg.
Filed August 12, 1925. Serial No. 218,759. PUBLISHED NOVEMBER 10, 1925.

208,328. PERFUMES, TOILET WATER, FACE POWDER, TALCUM POWDER, BATH SALTS, ROUGE, BRILLIANTINE, EAU DE COLOGNE, AND DENTIFRICES. M. BABANI, Paris, France.
Filed September 9, 1925. Serial No. 220,015. PUBLISHED NOVEMBER 3, 1925.

208,329. WHEAT FLOUR. GEORGE W. ZIEBOLD, doing business as Waterloo Milling Company, Waterloo, Ill.
Filed September 8, 1925. Serial No. 220,005. PUBLISHED NOVEMBER 3, 1925.

208,330. COOKING OIL USED FOR COOKING FOODS AND AS AN INGREDIENT OF COOKED FOODS. THE TATER-FLAKES COMPANY, Chicago, Ill.
Filed September 8, 1925. Serial No. 219,999. PUBLISHED NOVEMBER 3, 1925.

208,331. INSECTICIDES. GOULARD & OLENA, INC., New York, N. Y.
Filed September 8, 1925. Serial No. 219,958. PUBLISHED NOVEMBER 3, 1925.

208,332. CALCIUM CARBONATE. THE OHIO MARBLE COMPANY, INC., Piqua, Ohio.
Filed September 10, 1925. Serial No. 220,070. PUBLISHED NOVEMBER 3, 1925.

208,333. SANDWICHES. PRICE-WILHOITE SPECIALTY CO., INC., Washington, D. C.
Filed September 10, 1925. Serial No. 220,085. PUBLISHED NOVEMBER 3, 1925.

208,334. SANDWICHES. PRICE-WILHOITE SPECIALTY CO., INC., Washington, D. C.
Filed September 10, 1925. Serial No. 220,086. PUBLISHED NOVEMBER 3, 1925.

208,335. FARINA. GEORGE URBAN MILLING COMPANY, Buffalo, N. Y.
Filed September 11, 1925. Serial No. 220,158. PUBLISHED NOVEMBER 3, 1925.

208,336. OLIVE OIL. PAUL TODARO, doing business as Paolo Todaro & Co., New York, N. Y.
Filed September 11, 1925. Serial No. 220,154. PUBLISHED NOVEMBER 3, 1925.

208,337. MEDICINAL PREPARATION USED IN CONNECTION WITH STOMACH DISORDERS. GERLINGER DRUG PRODUCTS INCORPORATED, New York, N. Y.
Filed September 10, 1925. Serial No. 220,068. PUBLISHED NOVEMBER 3, 1925.

208,338. LIQUID LAXATIVE. EAGLE REMEDY COMPANY, San Antonio, Tex.
Filed September 10, 1925. Serial No. 220,064. PUBLISHED NOVEMBER 3, 1925.

208,339. LOTION PASTES AND POWDERS FOR BEAUTIFYING AND PRESERVING THE SKIN, TEETH, AND HAIR; AND PERFUMERIES, CAMPHORATED OIL, MENTHOL OINTMENT, ZINC-OXIDE OINTMENT, AND EXTERNAL APPLICATIONS FOR RHEUMATISM, NEURALGIA, HEADACHE, SORE THROAT, SPRAINS, AND GENERAL INFLAMMATION. MOLLY SUGAR, doing business as Supero Laboratory Products Company, Ogden, Utah.
Filed September 9, 1925. Serial No. 220,046. PUBLISHED NOVEMBER 3, 1925.

208,340. TIRE BOOTS FOR AUTOMOBILE TIRES. BURROW MANUFACTURING COMPANY, Spokane, Wash.
Filed August 17, 1925. Serial No. 218,950. PUBLISHED NOVEMBER 10, 1925.

208,341. CLARIFIER OF PECTIN AND FRUIT JUICES. TAKAMINE LABORATORY, INC., Clifton, N. J.
Filed August 14, 1925. Serial No. 218,882. PUBLISHED OCTOBER 27, 1925.

208,342. CANDY AND BISCUITS. RALPH ARTHUR SANBURG, doing business as The R. A. Sanburg Organization, Burlington, Iowa.
Filed August 14, 1925. Serial No. 218,873. PUBLISHED NOVEMBER 3, 1925.

208,343. CORSETS. LILY OF FRANCE CORSET CO., New York, N. Y.
Filed August 13, 1925. Serial No. 218,819. PUBLISHED NOVEMBER 3, 1925.

208,344. WATER-CIRCULATING PUMPS FOR AUTOMOBILES. RALPH M. HALLAM, doing business as The Chicago Piston Ring Company, Chicago, Ill.
Filed August 13, 1925. Serial No. 218,811. PUBLISHED NOVEMBER 3, 1925.

208,345. SNAP FASTENERS. UNITED STATES FASTENER COMPANY, Boston, Mass.
Filed September 12, 1925. Serial No. 220,207. PUBLISHED NOVEMBER 10, 1925.

208,346. SANDWICHES. PRICE-WILHOITE SPECIALTY CO., INC., Washington, D. C.
Filed September 10, 1925. Serial No. 220,084. PUBLISHED NOVEMBER 3, 1925.

208,347. SANDWICHES. PRICE-WILHOITE SPECIALTY CO., INC., Washington, D. C.
Filed September 10, 1925. Serial No. 220,083. PUBLISHED NOVEMBER 3, 1925.

208,348. LAWN MOWERS. PENNSYLVANIA LAWN MOWER WORKS, Philadelphia, Pa.
Filed September 10, 1925. Serial No. 220,080. PUBLISHED NOVEMBER 3, 1925.

208,349. LOTIONS, PASTES, AND POWDERS FOR BEAUTIFYING AND PRESERVING THE SKIN, TEETH, AND HAIR; AND PERFUMERIES, CAMPHORATED OIL, MENTHOL OINTMENT, ZINC-OXIDE OINTMENT, AND EXTERNAL APPLICATIONS FOR RHEUMATISM, NEURALGIA, HEADACHE, SORE THROAT, SPRAINS, AND GENERAL INFLAMMATION. MOLLY SUGAR, doing business as Supero Laboratory Products Company, Ogden, Utah.
Filed September 9, 1925. Serial No. 220,044. PUBLISHED NOVEMBER 3, 1925.

208,350. PREPARATION FOR KIDNEY AND BLADDER TROUBLES. WILLIAM E. KAMPFMULLER, doing business as The Kampf Herbal Laboratories, Cincinnati, Ohio.
Filed September 9, 1925. Serial No. 220,028. PUBLISHED NOVEMBER 3, 1925.

208,351. MEDICINAL PREPARATION FOR USE IN AUTOINTOXICATION AND RELATED DISORDERS. EHRO SULFUR LABORATORIES INC., New York, N. Y.
Filed September 9, 1925. Serial No. 220,018. PUBLISHED NOVEMBER 3, 1925.

208,352. NONALCOHOLIC, MALTLESS BEVERAGES AND SIRUPS, EXTRACTS, AND EMULSIONS FOR MAKING THE SAME. WILLIAM IRELAND, INCORPORATED, Boston, Mass., assignor, by mesne assignments, to Canadian Club Corporation, a Corporation of Massachusetts.
Filed July 16, 1921. Serial No. 150,451. PUBLISHED MARCH 3, 1925.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].
THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

208,353. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LEHN & FINK, INC., New York, N. Y. Filed Mar. 3, 1925. Serial No. 210,468.

SEVILLA
ALMOND MEAL

Particular description of goods.—Almond Meal.
Claims use since 1906.

208,354. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) DULUTH SHOW CASE COMPANY, Duluth, Minn. Filed Mar. 7, 1925. Serial No. 210,648.

VIKING

Particular description of goods.—Skis.
Claims use since May 14, 1921.

208,355. (CLASS 39. CLOTHING.) O. C. HANSEN MANUFACTURING CO., Milwaukee, Wis. Filed Mar. 23, 1925. Serial No. 211,468.

HANSEN
Black Beauty

Particular description of goods.—Driving and Motoring Gloves and Gauntlets of Leather, Fabric, Rubber, and Combinations of the Same.
Claims use since Dec. 1, 1924.

208,356. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NEW ORLEANS COFFEE COMPANY, New Orleans, La. Filed May 5, 1925. Serial No. 213,853.

SHO' IS FINE

Particular description of goods.—Sirups for Food Purposes.
Claims use since Dec. 8, 1924.

208,357. (CLASS 39. CLOTHING.) KURZ & LAPIDUS, INC., Brooklyn, N. Y. Filed June 13, 1925. Serial No. 215,746.

NARRO-REST-HEEL

Particular description of goods.—Shoes of Leather and Rubber and a Combination of Same.
Claims use since Oct. 18, 1924.

208,358. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WALTER I. FRANCE, doing business as Healfast Co., Eads, Colo. Filed Dec. 11, 1924. Serial No. 206,570.

HEALFAST

Particular description of goods.—Salve for Use in the Treatment of Blood Poisoning, Sores, Cuts, Burns, and Eruptions of the Skin.
Claims use since Dec. 1, 1924.

208,359. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE PIONEER PRODUCTS COMPANY, Dayton, Ohio. Filed Nov. 17, 1924. Serial No. 205,440.

WHITE COCO

Particular description of goods.—Soap and Soap Chips.
Claims use since May 20, 1924.

208,360. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Nov. 17, 1924. Serial No. 205,489.

Pillsbury's
BEST
GRANULAR

Particular description of goods.—Flour Made from Wheat.
Claims use since on or about Aug. 9, 1924.

208,361. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE HOLBROOK GROCERY COMPANY, Keene, N. H. Filed Nov. 10, 1924. Serial No. 205,067.

WHITE MOUNTAIN

Particular description of goods—Butter, Cheese, and Eggs.
Claims use since Oct. 1, 1924.

208,362. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CALMES FRÈRES, Roquefort, France, and New York, N. Y. Filed July 26, 1924. Serial No. 200,546.



Particular description of goods.—Cheeses.
Claims use since October, 1921, and in the United States since December, 1923.

208,363. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) MAX GRUMBACHER, New York, N. Y. Filed Dec. 1, 1923. Serial No. 189,112.

Dresden Liner

Particular description of goods.—Artists' Brushes.
Claims use since Oct. 1, 1919.

208,364. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK B. HALLER, doing business as Haller's Bird Store, St. Louis, Mo. Filed Aug. 13, 1923. Serial No. 184,401.

CANARY BIRD
PIE

Particular description of goods.—A Tonic Food for Canaries and Other Domesticated Birds.
Claims use since on or about Feb. 1, 1923.

208,365. (CLASS 32. FURNITURE AND UPHOLSTERY.) THE MESSERSCHMIDT FURNITURE CO., Columbus, Ohio. Filed June 26, 1925. Serial No. 216,468.

MASTER BUILT

Particular description of goods.—Living-Room Furniture—Namely, Upholstered Chairs, Davenports, and Sofas.
Claims use since May, 1923.

208,366. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NORTHERN MILLING COMPANY, Wausau, Wis. Filed Sept. 8, 1925. Serial No. 219,985.

WISCONSIN



Particular description of goods.—Dairy, Cattle, Stock, Pigeon, and Horse Feeds; Calf Meal, Poultry Feeds and Mashes, Mineral Feeds for Farm Animals.
Claims use since May, 1916.

208,367. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE J. M. SMUCKER CO., Orrville, Ohio. Filed Sept. 11, 1925. Serial No. 220,149.

SMUCKER'S
HOME MADE STYLE

Particular description of goods.—Fruit Preserves.
Claims use since 1900.

208,368. (CLASS 7. CORDAGE.) NEW YORK TWINE MILLS, INC., New York, N. Y. Filed Sept. 19, 1925. Serial No. 220,461.

"BEST YET"

Particular description of goods.—Cords and Twine Used Principally in Connection With Binding Flowers, Leaves, Etc., to Set Pieces, Binding Corsages.
Claims use since January, 1924.

208,369. (CLASS 31. FILTERS AND REFRIGERATORS.) HARRY L. HUSSMANN REFRIGERATOR COMPANY, St. Louis, Mo. Filed Oct. 12, 1925. Serial No. 221,613.

Better Foods
Cleaner Foods
Quicker Service

Particular description of goods.—Show-Case Refrigerators.
Claims use since Jan. 1, 1924.

208,370. (CLASS 23, CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE FEDERAL SUPPLY COMPANY, Fort Worth, Tex. Filed Dec. 1, 1924. Serial No. 206,065.

Trapsocket

Particular description of goods.—Fishing Tools for Oil and Other Wells.
Claims use since Nov. 1, 1924.

208,371. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE FAULTLESS RUBBER COMPANY, Ashland, Ohio. Filed Dec. 26, 1924. Serial No. 207,236.

GOLD MEDAL

Particular description of goods.—Golf Balls.
Claims use since Dec. 6, 1924.

208,372. (CLASS 39. CLOTHING.) SAMUEL LEFTSCHATZ, doing business as Real-Value Hosiery Co., Pittsburgh, Pa. Filed Nov. 22, 1924. Serial No. 205,700.

Real-value

Particular description of goods.—Hosiery.
Claims use since Nov. 19, 1924.

208,373. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE LEES-BRADNER COMPANY, Cleveland, Ohio. Filed Oct. 21, 1925. Serial No. 222,077.

THE LEES-BRADNER CO.

Particular description of goods.—Machine Tools, Particularly Gear Grinders, Millers, and Parts Thereof.
Claims use since 1908.

208,374. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF.) W. T. GRANT COMPANY, Lynn, Mass., and New York, N. Y. Filed Oct. 31, 1925. Serial No. 222,607.

GROVE TOOLWORKS

Particular description of goods.—Hatchets.
Claims use since February, 1921.

208,375. (CLASS 39. CLOTHING.) HOLLAND SHOE COMPANY, Holland, Mich. Filed Nov. 2, 1925. Serial No. 222,678.

SCUFF PROOF

Particular description of goods.—Leather Shoes.
Claims use since Apr. 1, 1924.

208,376. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) WOLVERINE BRASS WORKS, Grand Rapids, Mich. Filed Nov. 11, 1925. Serial No. 223,150.

Visible

Particular description of goods.—Ground-Joint Trap Connection.
Claims use since Feb. 1, 1917.

208,377. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) OSCAR A. LARSON, doing business as Seattle Crisp and Hardtack Co., Seattle, Wash. Filed Nov. 13, 1925. Serial No. 223,244.

PETERSON HEALTH

CRISP

Particular description of goods.—Swedish Rye Health Bread.
Claims use since Jan. 1, 1921.

208,378. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) STRASSEL-GANS PAINT CO., Louisville, Ky. Filed Nov. 27, 1925. Serial No. 223,945.

VERIBEST

Particular description of goods.—House Paint, Auto Paint, Wagon Paint, Floor Paint, Porch Paint, Deck Paint, Varnish Stain, Oil Stain, Paint Enamel, Flat Colors.
Claims use since Jan. 1, 1905.

208,379. (CLASS 37. PAPER AND STATIONERY.) THE PECK ENGRAVING COMPANY, Cleveland, Ohio. Filed Dec. 10, 1925. Serial No. 224,528.

WHEDON CLEVELAND

Particular description of goods.—Writing Paper.
Claims use since Sept. 1, 1916.

208,380. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE VAN LANDINGHAM CO., Los Angeles, Calif. Filed Nov. 28, 1925. Serial No. 223,977.

PANAMA

Particular description of goods.—Canned Fish.
Claims use since 1918.

208,381. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed July 7, 1925. Serial No. 216,996.

Chas. A. Schieren Company 1864

Particular description of goods.—Belting for Power-Transmission Purposes.
Claims use since latter part of year 1908.

208,382. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) THE MORGAN BELLBEK CHINA COMPANY, Canton, Ohio. Filed Dec. 15, 1924. Serial No. 206,742.

Morgan Bellbek

Particular description of goods.—Chinaware.
Claims use since Dec. 6, 1924.

208,383. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) MARCIAN E. SAUNIER, Bay City, Mich. Filed Dec. 22, 1924. Serial No. 207,102.

"TITE-TWISTER"

Particular description of goods.—Wire Twisters.
Claims use since Nov. 10, 1924.

208,384. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) BUFFALO SPECIALTY COMPANY, Buffalo, N. Y. Filed Oct. 12, 1925. Serial No. 221,596.

LIQUID VENEER
MOP POLISH

Particular description of goods.—A Cleaner and Polisher of Woodwork and Enameled Surfaces.
Claims use since January, 1920.

208,385. (CLASS 38. PRINTS AND PUBLICATIONS.) BINTLIFF MANUFACTURING CO., Minneapolis, Minn. Filed July 25, 1925. Serial No. 217,857.

THE PICTURE HOUSE
HOUSE OF A THOUSAND PICTURES

Particular description of goods.—Pictures and Framed Pictures.
Claims use since June 1, 1924.

208,386. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) I. MILLER & SONS, INC., Long Island City, N. Y. Filed July 8, 1925. Serial No. 217,039.

I·MILLER

Particular description of goods.—Ornamental Buckles.
Claims use since 1915.

208,387. (CLASS 12. CONSTRUCTION MATERIALS.) ACME BRICK COMPANY, Fort Worth, Tex. Filed Apr. 27, 1925. Serial No. 213,344.

OZARK

Particular description of goods.—Brick.
Claims use since Apr. 1, 1923.

208,388. (CLASS 12. CONSTRUCTION MATERIALS.) ACME BRICK COMPANY, Fort Worth, Tex. Filed Apr. 27, 1925. Serial No. 213,343.

SCHOELLKOPF

Particular description of goods.—Brick.
Claims use since Jan. 1, 1923.

208,389. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARVIN G. WILLIAMS, doing business as Vienna Chemical Co., San Francisco, Calif. Filed Jan. 21, 1925. Serial No. 208,443.

VIENNA CONES

Particular description of goods.—Suppositories.
Claims use since Nov. 1, 1924.

208,390. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) WALD MANUFACTURING COMPANY, Maysville, Ky. Filed Aug. 1, 1924. Serial No. 200,836.

WALD

Particular description of goods.—Bicycle, Automobile, and Motorcycle Accessories—Namely, Bicycle Mud Guards, Bicycle Mud-Guard Braces, Bicycle Front-Fork Braces, Bicycle Stay-Brace Clamps, Bicycle Rear-Guard Clamps, Bicycle Mud-Guard Splashers, Bicycle Luggage Carriers and Baskets, Bicycle Stands, Bicycle Ruby Reflectors, Bicycle Flash-Light Brackets, Bicycle Grips, Back Springs, Truss Plates, Axles, and Pedal Rubbers; Motor-cycle Tandem Seats and Cushions, Foot Rests, Lamp Brackets, Stand Springs, Axles, Saddle Springs; Automobile Luggage Carriers, Automobile Replace Glass Windows in Frames, Automobile Fender Braces, Automobile Rear-View Mirrors.
Claims use since May 2, 1924.

208,391. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) DORR H. HADSELL, Brockton, Mass. Filed June 12, 1924. Serial No. 198,457.

HADSELL NOVELTY DOLL

Particular description of goods.—Novelty Pressed-Soap Dolls.
Claims use since Mar. 1, 1923.

208,392. (CLASS 39. CLOTHING.) PLYRUBBER HEEL COMPANY, Boston, Mass. Filed Apr. 4, 1924. Serial No. 195,015.

PLYRUBBER

Particular description of goods.—Tread Members of Rubber and Rubber Composition Having an Embedded Wooden Core for Boots and Shoes.
Claims use since Feb. 15, 1924.

208,393. (CLASS 15. OILS AND GREASES.) WARNER-PATTERSON COMPANY, Chicago, Ill. Filed Dec. 24, 1923. Serial No. 190,073.

CHATTER CURE

Particular description of goods.—Lubricants.
Claims use since April, 1923.

208,394. (CLASS 39. CLOTHING.) LEHIGH SHOE AND RUBBER COMPANY, Allentown, Pa. Filed Dec. 4, 1925. Serial No. 224,251.

LEHIGH SAFETY

Particular description of goods.—Leather and Rubber Boots and Shoes.
Claims use since Oct. 13, 1924.

208,395. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) PENNSYLVANIA SOAP COMPANY, Lancaster, Pa. Filed Nov. 16, 1925. Serial No. 223,404.

PENN-OLIVE

Particular description of goods.—Soaps.
Claims use since Mar. 2, 1920.

208,396. (CLASS 15. OILS AND GREASES.) W. H. BARBER COMPANY, Minneapolis, Minn. Filed Nov. 4, 1925. Serial No. 222,776.



Particular description of goods.—Petroleum Products—Namely, Gasoline, Kerosene, Fuel Oil, Petroleum Distillate, Lubricating Oils and Greases.
Claims use since Aug. 1, 1921.

208,397. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GREAT LAKES VARNISH WORKS, INC., Chicago, Ill. Filed Oct. 31, 1925. Serial No. 222,608.

FLEECE WHITE

Particular description of goods.—Paste Paint and Paint Enamel.
Claims use since Nov. 9, 1923.

TRADE-MARK REGISTRATIONS RENEWED

26,853. LAGER BEER. Registered July 23, 1895. FIRM OF G. PSCHORR, Munich, Germany, and New York, N. Y. Renewed July 23, 1925, to Pschorrbrau-Aktiengesellschaft München, Munich, Germany, a Corporation of Bavaria, Germany, assignee.

26,895. DUSTERS AND POLISHING CLOTHS. Registered August 6, 1895. JONES BROTHERS & Co. Renewed August 6, 1925, to Jones Brothers Limited, Manchester, England, a Corporation of Great Britain, assignee.

27,083. BIBLES. Registered September 24, 1895. NATIONAL PUBLISHING COMPANY. Renewed September 24, 1925, to National Publishing Company, Philadelphia, Pa., a Corporation of Pennsylvania, successor.

27,110. CLOCKS. Registered October 1, 1895. SCHLENKER & KIENZLE, Schwenningen, Germany. Renewed October 1, 1925, to The Kienzle Clock Company, Inc., New York, N. Y., a Corporation of New York, assignee.

27,164. LEATHER DRESSING. Registered October 29, 1895. C. L. HAUTHAWAY & SONS. Renewed October 29, 1925, to C. L. Hauthawsy & Sons, Incorporated, Boston, Mass., a Corporation of Massachusetts, assignee.

27,198. SPOOL COTTON. Registered November 12, 1895. THE WILLIMANTIC LINEN COMPANY, Willimantic and Hartford, Conn. Renewed November 12, 1925, to The American Thread Company, New York, N. Y., a Corporation of New Jersey, assignee.

27,302. CORN DRILLS. Registered November 19, 1895. JAMES CAMPBELL. Renewed November 19, 1925, to The Campbell-Hausfeld Company, Harrison, Ohio, a Corporation of Ohio, successor.

27,371. AXES. Registered November 26, 1895. KELLY AXE MANUFACTURING COMPANY, Alexandria, Ind.; Louisville, Ky.; and New York, N. Y. Renewed November 26, 1925, to Kelly Axe and Tool Company, Charleston, W. Va., a Corporation of West Virginia, assignee.

27,399. WINES. Registered December 3, 1895. FREDERICK WILLIAM FLETCHER, Enfield, England. Renewed December 3, 1925, to Fletcher, Fletcher & Co. Ltd., London, England, a Corporation of Great Britain, assignee.

27,560. WHISKY. Registered December 31, 1895. RUTHERFORD & KAY, Edinburgh, Scotland, and New York, N. Y. Renewed December 31, 1925, to Rutherford & Kay, Edinburgh, Scotland, London and Birmingham, England.

27,640. PAINTS AND COLORS. Registered January 14, 1896. THE PATTERSON-SARGENT CO., Cleveland, Ohio, a Corporation of Ohio. Renewed January 14, 1926.

27,663. NON-HEAT-CONDUCTING COVERINGS FOR STEAM PIPES, BOILERS, ETC. Registered January 21, 1896. H. W. JOHNS MANUFACTURING CO., Jersey City, N. J., and New York, N. Y. Renewed January 21, 1926, to Johns-Manville, Incorporated, New York, N. Y., a Corporation of New York, assignee.

47,128. LAGER BEER. Registered October 24, 1905. THE CHRISTIAN MOERLEIN BREWING CO., Cincinnati, Ohio, a Corporation of Ohio. Renewed October 24, 1925.

50,081. RECORDS FOR TALKING MACHINES. Registered March 6, 1906. VICTOR TALKING MACHINE COMPANY, Camden, N. J., a Corporation of New Jersey. Renewed March 6, 1926.

50,082. TALKING MACHINES AND PARTS THEREOF. Registered March 6, 1906. VICTOR TALKING MACHINE COMPANY, Camden, N. J., a Corporation of New Jersey. Renewed March 6, 1926.

LABELS

REGISTERED JANUARY 26, 1926.

29,836.—*Title:* THE JUNIOR POLYCHROME OUTFIT. For Complete Outfits for Doing Polychrome Work. C. A. BEATY, St. Louis, Mo. Published June 3, 1925.

29,837.—*Title:* SKIPPER. For Tobacco. WM. BENSEY, Denver, Colo. Published November 27, 1925.

29,838.—*Title:* S O S. For Radio Accessories. FRANK A. BOYLE, Poughkeepsie, N. Y. Published December 19, 1925.

29,839.—*Title:* MALOFRUITS. For Malofruits, a Confection. BUSY BEE CANDY CO., St. Louis, Mo. Published October 15, 1925.

29,840.—*Title:* CARR'S DIABETIC TREATMENT. For Carr's Diabetic Medicine. MARTIN CARR, Spokane, Wash. Published December 5, 1925.

29,841.—*Title:* CLARK'S VELVETAN. For Ladies' Knitted Sport Coats and Suits. CLARK KNITTING CO., INC., Utica, N. Y. Published August 1, 1924.

29,842.—*Title:* BLUE FLAG. For Fresh Apples. EARL FRUIT COMPANY, Spokane, Wash. Published November 4, 1925.

29,843.—*Title:* RED FLAG. For Fresh Apples. EARL FRUIT COMPANY, Spokane, Wash. Published November 4, 1925.

29,844.—*Title:* FRISCH PROCESS. For Bread. EMILE FRISCH, Chicago, Ill. Published November 21, 1925.

29,845.—*Title:* KOSHER SALT. For Salt. INTERNATIONAL SALT COMPANY, INC., New York, N. Y. and Scranton, Pa. Published April 1, 1925.

29,846.—*Title:* AFFINITY. For Cigars. LILLIAN C. KNUDSON, doing business at H. Knudson & Son, Chicago, Ill. Published September 3, 1925.

29,847.—*Title:* FLORAOLA. For Box Containing Perfume. W. E. MCCALVEY COMPANY, Springfield, Ohio. Published December 23, 1925.

29,848.—*Title:* DAY OLD QUALITY. For Eggs. OSCAR W. MAPES, doing business as Maple Dale Farm, Middletown, N. Y. Published November 23, 1925.

29,849.—*Title:* MILLER'S HIGH GRADE BUTTER. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to H. Miller Dairy Company, Cincinnati, Ohio. Published November 25, 1924.

29,850.—*Title:* SNUGGLE. For Candy. A. B. MEWHINNEY CO. INC., Terre Haute, Ind. Published December 21, 1925.

29,851.—*Title:* PEACH BLOOM ROUGE. For a Face and Lip Rouge. GLADYS L. PETERSON, doing business as G. L. Thurston Cosmetic Laboratories, Los Angeles, Calif. Published August 1, 1925.

29,852.—*Title:* PLACERVILLE MAID. For Fresh Pears. PLACERVILLE FRUIT GROWERS ASSOCIATION, Placerville, Calif. Published June 26, 1925.

29,853.—*Title:* TRIBOND QUALITY HOSE. For Hosiery. TRIBOND SALES CORPORATION, New York, N. Y. Published August 25, 1925.

29,854.—*Title:* MELLOW TONE. For Candy. CHAS. WEINHAGEN & CO., St. Paul, Minn. Published January 1, 1925.

29,855.—*Title:* HAMMERMILL LINEN. For Stationery. WHITE & WYCKOFF MFG. CO., Holyoke, Mass. Published October 30, 1925.

29,856.—*Title:* PALM SPRINGS MARMALADE. For Orange Marmalade. FLORA WILDHACK, La Crescenta, Calif. Published December 21, 1925.

PRINTS

REGISTERED JANUARY 26, 1926.

8,524.—*Title:* UNERRING KNOWLEDGE OF WHAT IS CORRECT. For Eaton's Social Stationery. EATON, CRANE & PIKE CO., Pittsfield, Mass. Published November 1, 1925.

8,525.—*Title:* OF COURSE . . . . YOU'LL LIKE ICE CREAM NOW! For Frozen Confections. ESKIMO PIE CORPORATION, Louisville, Ky. Published November 7, 1925.

8,526.—*Title:* WE WANT ESKIMO PIE. For Frozen Confections. ESKIMO PIE CORPORATION, Louisville, Ky. Published December 5, 1925.

8,527.—*Title:* ERASE ALL YOUR OLD IDEAS OF EATING ICE CREAM! For Frozen Confections. ESKIMO PIE CORPORATION, Louisville, Ky. Published November 21, 1925.

8,528.—*Title:* CAMEL. For Cigarettes. JAMES B. LITTLE, New York, N. Y. Published October 23, 1925.

8,529.—*Title:* A TEMPTING TREAT. For Frankfurters. ROCHESTER PACKING CO., INC., Rochester, N. Y. Published December 9, 1924.

8,530.—*Title:* WHEN UNEXPECTED GUESTS ARRIVE. For Pressed Ham. ROCHESTER PACKING CO., INC., Rochester, N. Y. Published December 9, 1924.

8,531.—*Title:* BLUE RIBBON. For Ham. ROCHESTER PACKING CO., INC., Rochester, N. Y. Published March 4, 1925.

8,532.—*Title:* BLUE RIBBON. For Bacon. ROCHESTER PACKING CO., INC., Rochester, N. Y. Published March 4, 1925.

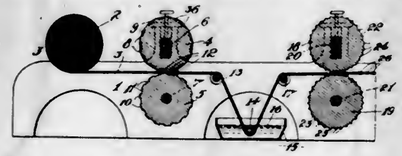
8,533.—*Title:* BLUE RIBBON. For Daisies. ROCHESTER PACKING CO., INC., Rochester, N. Y. Published March 4, 1925.

REISSUES

JANUARY 26, 1926.

16,256. PAPER-MATCH MACHINE. JOHN MOSCINI, Brooklyn, N. Y., assignor to Oval Match Company, Inc., New York, N. Y., a Corporation of New York. Filed Dec. 10, 1921. Serial No. 521,556. Original application filed Dec. 19, 1918, Serial No. 267,476. Renewed Oct. 7, 1919, Serial No. 329,083. Original No. 1,327,627, dated Jan. 13, 1920. 16 Claims. (Cl. 144—51.)

1. In a machine of the character described, the combination with means for cutting a strip of material into transversely arranged intermeshing fingers alternate ones of which are joined to opposite uncut margins of the strip, of means for bending down the free end of said fingers for receiving coatings of striking substance while the uncut margins of the strip travel in a horizontal plane, and means for finally cutting said fingers from the margins of the strip to produce finished individual matches.



DESIGNS

JANUARY 26, 1926.

69,307. SUPPORTING ARM FOR LAMP STANDS. WILLIAM BLOCK, Chicago, Ill. Filed Dec. 7, 1925. Serial No. 15,673. Term of patent 3½ years.



The ornamental design for a supporting arm for lamp stands, as shown.

69,308. ARM-SUPPORTING BRACKET FOR LAMP STANDS. WILLIAM BLOCK, Chicago, Ill. Filed Dec. 7, 1925. Serial No. 15,674. Term of patent 3½ years.



The ornamental design for an arm supporting bracket for lamp stands, as shown.

69,309. FINIAL FOR LAMPS. WILLIAM BLOCK, Chicago, Ill. Filed Dec. 7, 1925. Serial No. 15,675. Term of patent 3½ years.



The ornamental design for a finial for lamps, as shown.

69,310. TOILET-ARTICLE CABINET. GLADYS POTTER CUMMING, Windsor, Ontario, Canada. Filed Sept. 19, 1923. Serial No. 7,271. Term of patent 14 years.



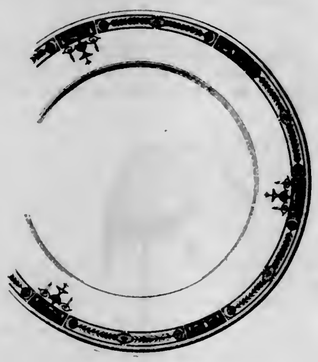
The ornamental design for a toilet article cabinet, as shown.

69,311. JUG. GEORGE E. CURTISS, New Britain, Conn., assignor to Landers, Frary & Clark, New Britain, Conn., a Corporation of Connecticut. Filed July 16, 1924. Serial No. 10,165. Term of patent 14 years.



The ornamental design for a jug, as shown.

69,312. PLATE OR SIMILAR ARTICLE. GEORGE ELLIS, Trenton, N. J., assignor to Scammell China Company, Trenton, N. J. Filed Dec. 5, 1924. Serial No. 11,595. Term of patent 14 years.



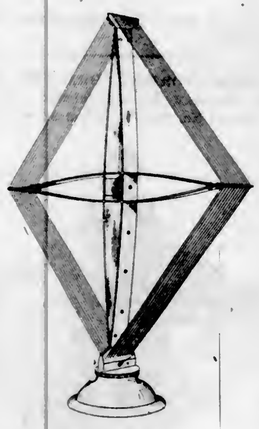
The ornamental design for a plate or similar article as shown.

69,313. LOOP ANTENNA. CARL R. ENGLUND, West Long Branch, and ARTHUR HADDOCK, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 26, 1923. Serial No. 6,289. Term of patent 14 years.



The ornamental design for a loop antenna, as shown.

69,314. LOOP ANTENNA. CARL R. ENGLUND, West Long Branch, and ARTHUR HADDOCK, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 26, 1923. Serial No. 6,288. Term of patent 14 years.



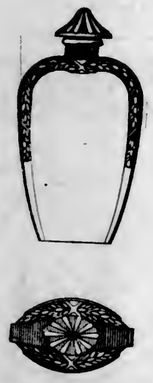
The ornamental design for a loop antenna as shown.

69,315. PERFUME BOTTLE. GUY T. GIBSON, New Rochelle, N. Y. Filed Dec. 7, 1925. Serial No. 15,664. Term of patent 14 years.



The ornamental design for a perfume bottle as shown.

69,316. PERFUME BOTTLE. GUY T. GIBSON, New Rochelle, N. Y. Filed Dec. 15, 1925. Serial No. 15,756. Term of patent 14 years.



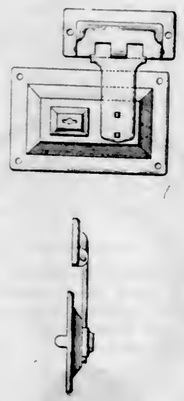
The ornamental design for a perfume bottle as shown and described.

69,317. PERFUME BOTTLE. GUY T. GIBSON, New Rochelle, N. Y. Filed Dec. 15, 1925. Serial No. 15,757. Term of patent 14 years.



The ornamental design for a perfume bottle as shown and described.

69,318. LOCK FOR A SUITCASE OR SIMILAR ARTICLE. AUGUST GOERTZ, Newark, N. J., assignor to August Goertz & Co., a Corporation of New Jersey. Filed Feb. 15, 1922. Serial No. 708. Term of patent 7 years.



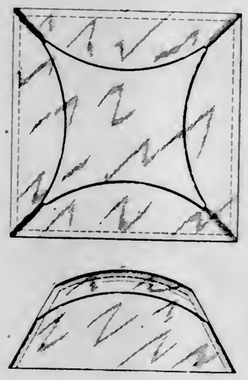
The ornamental design for a lock for a suitcase or similar article, as shown.

69,319. LOCK FOR A SUITCASE OR SIMILAR ARTICLE. AUGUST GOERTZ, Newark, N. J., assignor to August Goertz & Co., a Corporation of New Jersey. Filed Feb. 15, 1922. Serial No. 710. Term of patent 14 years.



The ornamental design for a lock for a suitcase or similar article, as shown.

69,320. ELECTRIC-LIGHT GLOBE. JAMES WILLARD HALL, Brighton, Mass., assignor to The Moore Pen Company, Boston, Mass., a Corporation of Massachusetts. Filed Aug. 21, 1925. Serial No. 14,551. Term of patents 3½ years.



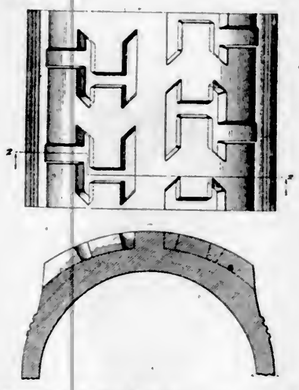
The ornamental design for an electric-light globe, as shown.

69,321. ATTACHMENT-PLUG BASE. WILLIAM HENRY HARRINGTON, Hartford, Conn., assignor to The Arrow Electric Company, Hartford, Conn., a Corporation of Connecticut. Filed June 26, 1923. Serial No. 6,588. Term of patent 14 years.



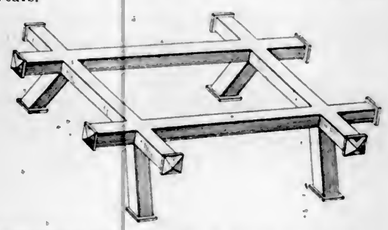
The ornamental design for an attachment plug base, as shown.

69,322. TIRE TREAD. JULES HAUVETTE-MICHELIN, New Brunswick, N. J., assignor to Michelin Tire Company, Milltown, N. J., a Corporation of New Jersey. Filed Oct. 30, 1925. Serial No. 15,293. Term of patent 14 years.



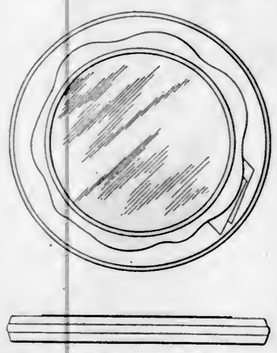
The ornamental design for a tire tread, as shown.

69,323. STAND FOR SILVERWARE OR SIMILAR ARTICLE. ALEXANDER KARSH, New York, N. Y. Filed July 5, 1923. Serial No. 6,676. Term of patent 3½ years.



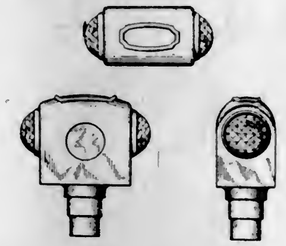
The ornamental design for a stand for silverware or similar article, as shown.

69,324. LAMP FRONT FRAME. PHILIP JAMES KENT, Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a Corporation of Delaware. Filed July 16, 1925. Serial No. 14,117. Term of patent 14 years.



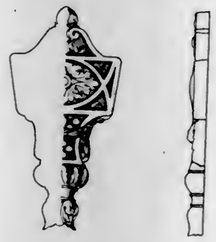
The ornamental design for a lamp front frame, as shown.

69,325. AUTOMOBILE PARKING LAMP. PHILIP J. KENT, Detroit, Mich., assignor to Chrysler Corporation, Detroit, Mich., a Corporation of Delaware. Filed Oct. 9, 1925. Serial No. 15,073. Term of patent 14 years.



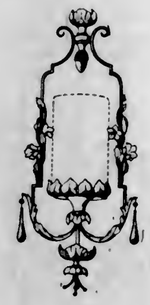
The ornamental design for an automobile parking lamp as shown.

69,326. BACK PLATE FOR LIGHTING FIXTURES. ARTHUR R. KRAUSE, Woodhaven, N. Y., assignor to The Lion Electric Manufacturing Co., Inc., a Corporation of New York. Filed Dec. 9, 1925. Serial No. 15,694. Term of patent 7 years.



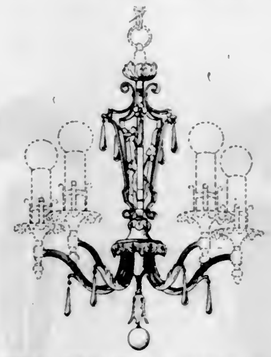
The ornamental design for a backplate for lighting fixtures, substantially as shown and described.

69,327. LIGHTING FIXTURE. ARTHUR R. KRAUSE, Woodhaven, N. Y., assignor to The Lion Electric Manufacturing Co., Inc., a Corporation of New York. Filed Dec. 9, 1925. Serial No. 15,695. Term of patent 7 years.



The ornamental design for a lighting fixture, substantially as shown.

69,328. CHANDELIER. ARTHUR R. KRAUSE, Woodhaven, N. Y., assignor to The Lion Electric Manufacturing Co., Inc., a Corporation of New York. Filed Dec. 9, 1925. Serial No. 15,696. Term of patent 7 years.



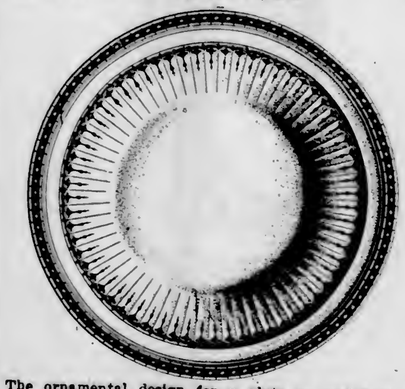
The ornamental design for a chandelier, substantially as shown.

69,329. CEILING LIGHTING FIXTURE. ARTHUR R. KRAUSE, Woodhaven, N. Y., assignor to The Lion Electric Manufacturing Co., Inc., a Corporation of New York. Filed Dec. 9, 1925. Serial No. 15,697. Term of patent 7 years.



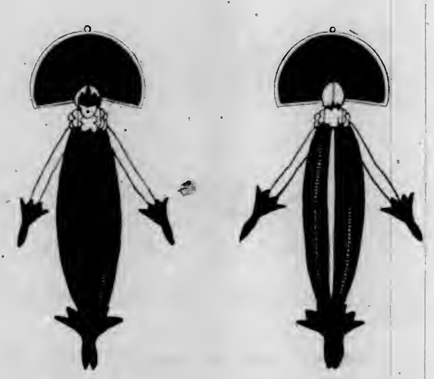
The ornamental design for a ceiling lighting fixture, substantially as shown.

69,330. PLATE OR ANALOGOUS ARTICLE. HAROLD E. NOCK, Newburyport, Mass., assignor to Towle Manufacturing Company, Newburyport, Mass., a Corporation of Massachusetts. Filed Dec. 9, 1925. Serial No. 15,698. Term of patent 7 years.



The ornamental design for a plate or analogous article, substantially as shown and described.

69,331. BAG OR SIMILAR ARTICLE. CATHERINE FRASER PITMAN, Stockton, Calif. Filed Oct. 7, 1925. Serial No. 15,051. Term of patent 3½ years.



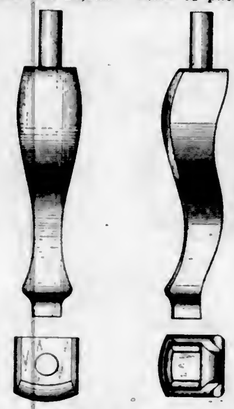
The ornamental design for a bag or similar article, substantially as shown.

69,332. LIGHTING-FIXTURE ARM OR ARTICLE OF SIMILAR NATURE. ISIDOR ROSENBLATT, New York, N. Y. Filed Nov. 11, 1925. Serial No. 15,400. Term of patent 3½ years.



The ornamental design for a lighting fixture arm, or article of similar nature as shown.

69,333. PIANO LEG OR SIMILAR ARTICLE. HERMAN ROTHKIRCH, New York, N. Y. Filed July 31, 1924. Serial No. 10,330. Term of patent 3½ years.



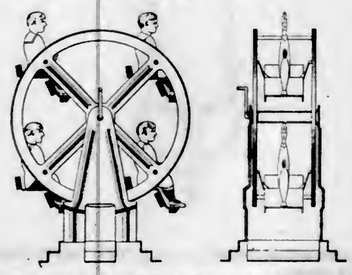
The ornamental design for a piano leg or similar article, as shown.

69,334. LIGHTING-FIXTURE LOOP. HERMAN A. SAPION, New York, N. Y. Filed Dec. 5, 1925. Serial No. 15,649. Term of patent 3½ years.



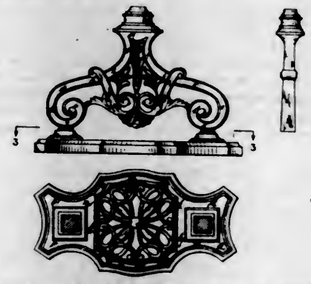
The ornamental design for a lighting fixture loop, as shown.

69,335. FERRIS-WHEEL TOY. EDGAR HOWARD TUNLEY, Brooklyn, N. Y. Filed Aug. 28, 1925. Serial No. 14,619. Term of patent 7 years.



The ornamental design for a Ferris wheel toy, as shown.

69,336. BASE FOR PORTABLE ELECTRIC LAMPS. GUSTAVE E. VILLARET, Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y., a Copartnership. Filed May 21, 1925. Serial No. 13,518. Term of patent 7 years.



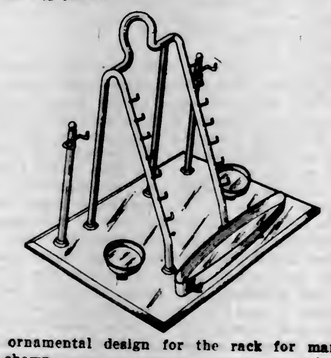
The ornamental design for a base for portable electric lamps, as shown.

69,337. LOOP FOR LIGHTING FIXTURES OR THE LIKE. GUSTAVE E. VILLARET, Leonia, N. J., assignor to Harry Hilfman, New York, N. Y. Filed Oct. 3, 1925. Serial No. 15,000. Term of patent 3½ years.



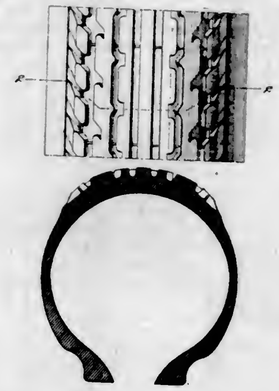
The ornamental design for a loop for lighting fixtures or the like as shown.

69,338. RACK FOR MANICURING SET. FRED E. WRIGHT, Leominster, Mass., assignor to J. C. Dowd & Co., New York, N. Y., a Corporation of New York. Filed Sept. 26, 1925. Serial No. 14,910. Term of patent 3½ years.



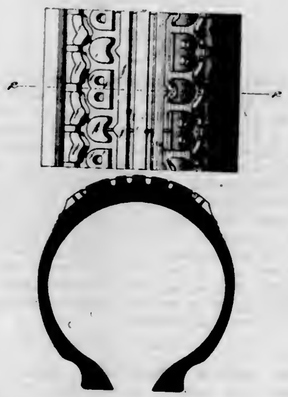
The ornamental design for the rack for manicuring set as shown.

69,339. TIRE. LYSANDER E. WRIGHT, East Orange, and HENRY B. CONSTANTIN, Clifton, N. J. Filed Nov. 19, 1925. Serial No. 15,474. Term of patent 7 years.



The ornamental design for a tire, as shown.

69,340. TIRE. LYSANDER E. WRIGHT, East Orange, and HENRY B. CONSTANTIN, Clifton, N. J. Filed Nov. 19, 1925. Serial No. 15,475. Term of patent 7 years.

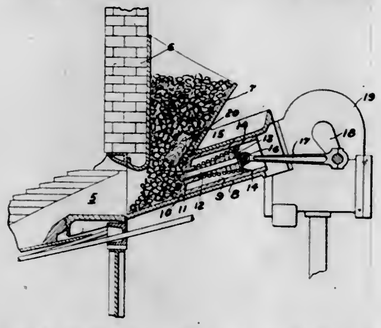


The ornamental design for a tire, as shown.

PATENTS

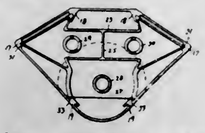
GRANTED JANUARY 26, 1926.

1,570,604. STOKER RAM. Otto Aram, Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed June 4, 1923. Serial No. 643,365. 6 Claims. (Cl. 110—109.)



1. In a mechanical stoker, the combination with a fuel hopper, of a fuel ram disposed to eject fuel therefrom, said ram being provided with an opening in its face, a rod axially disposed within said ram and terminating in said opening, spring means for normally restraining said rod within said ram, and drive means for said ram attached to the other end of said rod.

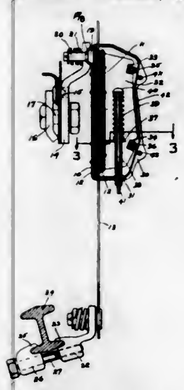
1,570,605. SIGNAL LAMP. Neil T. Albright, Kokomo, Ind., assignor to Kokomo Automotive Mfg. Co., Kokomo, Ind., a Corporation. Filed Mar. 28, 1924. Serial No. 702,531. 3 Claims. (Cl. 177—329.)



1. A signal lamp comprising a casing cast integral with a back portion and an open face, said back portion having an aperture formed therein, an insert casting forming a plurality of compartments outlined in the shape of oppositely directed arrows extending in alignment with each other having their blunt ends abutting the walls of said casing and insert casting being provided with interengaging means whereby the latter is supported within the former, and snugly seated within said casing a transparent closure removably secured over the open face of said casing, and individual means in each of said arrows for illuminating the same, whereby said illumination will be apparent through said closure in the outline of the respective combined arrows, substantially as shown and described.

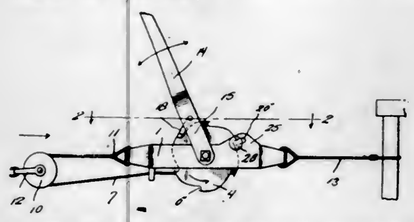
1,570,606. SHOCK ABSORBER. Neil T. Albright, Kokomo, Ind., assignor to Kokomo Automotive Manufacturing Company, Kokomo, Ind., a Corporation. Filed July 14, 1924. Serial No. 725,918. 8 Claims. (Cl. 188—129.)

1. In a shock absorber of the character described, a stationary friction member, a movable friction member, a wedging roller associated with said movable friction member, a member associated with said stationary friction member provided with an inclined surface and so positioned as to be engaged by said roller and wedging said friction members together when said movable member is moved in one direction, and releasing the same when moved in the other direction, a bolt adjustably



mounted with respect to said stationary member, an ear projecting from said movable member through which said bolt slidably extends, and a spring secured between said ear and the free end of said bolt for normally maintaining said movable member and wedging roller in operative position under spring tension.

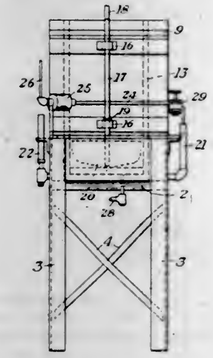
1,570,607. PULLING DEVICE. George S. Bashline, Wynona, Okla. Filed Feb. 3, 1925. Serial No. 6,563. 1 Claim. (Cl. 254—164.)



A pulling device of the class described comprising a frame, upstanding ears formed on the upper edges of the sides of the forward portion of the frame, said ears having angularly disposed aligning slots formed therein, a shaft extending transversely through the sides of the frame at the intermediate portion thereof, a drum loosely mounted on said shaft, a pair of discs at the respective ends of the drum, said discs being provided with a series of aligning notches in the peripheral edges thereof, means for securing the forward end of the frame to a stationary object, a pulling cable secured at one end to said drum and adapted to be wound therearound, an operating lever, a yoke portion formed on the lower end thereof and straddling said frame, the lower free ends of the arms of said yoke portion being supported on the respective ends of said shaft, a plate, means for pivotally supporting the same between the upper ends of the arms of the yoke portion, said means comprising pins projecting from the respective ends of the plate and

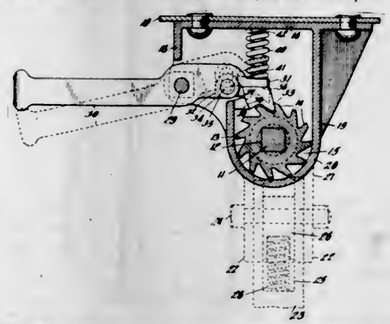
adapted to be disposed in sockets provided therefor in the upper portions of the arms of the yoke portion, the lower edge of the plate being adapted for engagement with the aligning notches formed in the peripheral edges of the discs for rotating the drum in one direction, means for preventing the rotation of the drum in the opposite direction during the movement of said plate from one pair of aligning notches to another, said last mentioned means comprising a transverse locking pin having its ends disposed within the aligned angularly disposed slots formed in said upstanding ears and adapted for engagement with one pair of aligning notches by gravity.

1,570,608. SHOE-BOTTOM-FILLING APPARATUS. Louis L. Bentley, Beaver Falls, and John W. Sloan, New Brighton, Pa., assignors to Armstrong Cork Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Mar. 12, 1925. Serial No. 14,948. 6 Claims. (Cl. 18—1.)



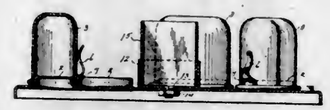
1. Shoe filling apparatus comprising a dip-pot, a heating chamber above the rear portion of the filler-receiving cavity of said pot, means for heating said pot and chamber, and a revolving paddle in said cavity forming in normal position a partition for maintaining the bulk of the melted filler material in the rear portion of said cavity beneath the heating chamber and adapted to be revolved to draw said material into the front portion of said cavity, substantially as described.

1,570,609. HAND BRAKE. Arild M. Brenne, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Oct. 8, 1923. Serial No. 667,120. 4 Claims. (Cl. 74—118.)



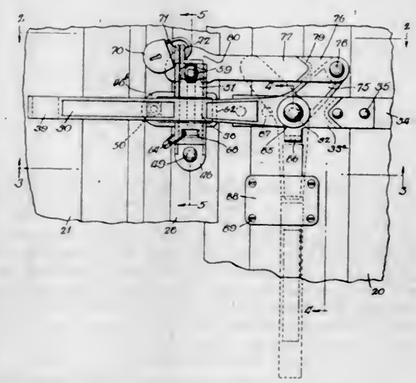
1. In a hand brake, including a brake winding shaft having a ratchet wheel thereon and means for rotating the shaft, the combination with a locking dog; of an operating lever therefor; and a fixed stop opposing movement of said dog by the ratchet wheel when the dog is in locking position, said stop being arranged to permit releasing movement of said dog in the direction of releasing movement of said ratchet wheel.

1,570,610. SMOKER'S NOVELTY ASH TRAY. Clarence N. Cahusac, Newark, N. J. Filed Mar. 26, 1925. Serial No. 18,534. 5 Claims. (Cl. 131—51.)



1. In an ash tray, the combination of a circular sheet metal base, having a plurality of upwardly stamped bosses concentrically arranged thereon, with a plurality of individual ash receivers each detachably secured to one of said bosses, and each of said receivers having a clip thereon whereby it may be attached to the apparel of the user.

1,570,611. SEALING LOCK AND DOOR STARTER. Lawrence V. Calhoun, Lima, Ohio, assignor to The Dayton Malleable Iron Company, Dayton, Ohio, a Corporation of Ohio. Filed Sept. 2, 1922, Serial No. 586,017. Renewed July 27, 1925. 11 Claims. (Cl. 292—208.)

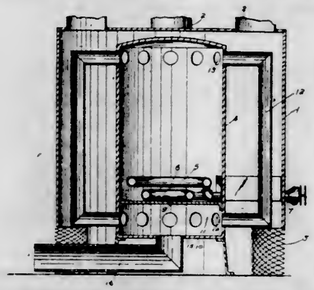


6. In combination, a bracket, a lever loosely pivoted on said bracket, and means carried by said bracket for engaging said lever and limiting its swinging movement in planes parallel to its pivotal axis.

1,570,612. GAS FURNACE. Legendre Cinq-Mars, San Francisco, Calif. Filed Mar. 3, 1924. Serial No. 696,524. 1 Claim. (Cl. 126—116.)

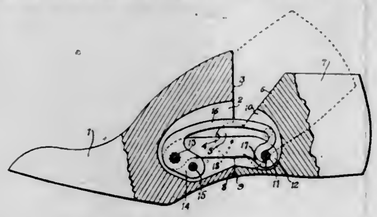
A heater comprising a burner casing closed at its upper and lower ends, a false bottom mounted within the casing at a point spaced above the lower end of the casing and defining between it and the lower end a collection chamber, said casing having a plurality of equi-distantly spaced openings disposed between the lower end and false bottom, a plurality of similarly arranged openings adjacent the upper end of the casing, a burner mounted within the casing above the false bottom, said casing having a centrally disposed outlet opening at its lower end, an outlet flue in communication with

the opening, a plurality of upright flues arranged in a circular series around and spaced from the casing, lateral extensions at the ends of said flues communicating with the openings at the upper and lower ends of the casing,



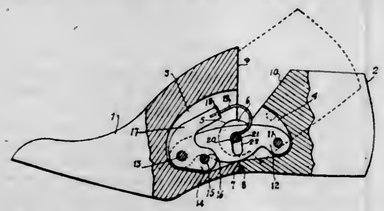
another casing surrounding the first named casing and last named flues and being provided with hot air discharge openings at its upper end and atmospheric air intake openings at its lower end.

1,570,613. LAST. GEORGE CLAUSING, Portsmouth, Ohio, assignor to The Vulcan Last Company, Portsmouth, Ohio, a Corporation of Ohio. Filed May 18, 1925. Serial No. 31,097. 9 Claims. (Cl. 12—136.)



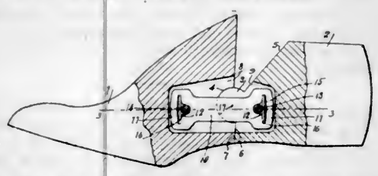
1. In a last, a toe part and a heel part adapted to rock one on the other, a link joining said parts, an anchor pin in one last part supporting the link at one end, a lever pivotally supporting the link at its other end, an anchor pin in the other last part for supporting said lever, and means attached to said lever projecting from said lever in one last part to a point within the other last part for supporting a spring, and a spring engaging said first mentioned last part.

1,570,614. LAST. GEORGE CLAUSING, Portsmouth, Ohio, assignor to The Vulcan Last Company, Portsmouth, Ohio, a Corporation of Ohio. Filed May 18, 1925. Serial No. 31,098. 15 Claims. (Cl. 12—136.)



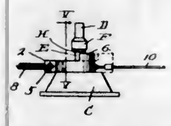
1. In a last, a toe part, a heel part, said parts being adapted to rock upon one another, an abutment carried by one of said parts, means to join said parts one to the other, said means being pivoted upon one of said parts and upon a lever pivoted in another of said parts, a lever so pivoted, and positioned between said means, and a resilient U-shaped member carried in the free end of said lever engaging with said abutment.

1,570,615. LAST. GEORGE CLAUSING, Portsmouth, Ohio, assignor to The Vulcan Last Company, Portsmouth, Ohio, a Corporation of Ohio. Filed May 28, 1925. Serial No. 33,353. 8 Claims. (Cl. 12—136.)



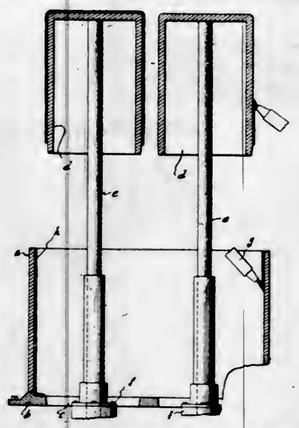
1. In a last, a toe part and a heel part, a link connecting said parts, and yielding means comprising vertically arranged spring plates separably mounted in the ends of said link to resist the movement of the last parts from expanded or collapsed positions.

1,570,616. STARTING-SWITCH INTERLOCKING DEVICE. HERSHEL R. COFFMAN, Independence, Kans. Filed Mar. 3, 1925. Serial No. 12,889. 4 Claims. (Cl. 74—83.)



1. A device of the character described consisting of a member adapted to hold the starting switch of a motor vehicle in open position, spring means for holding said member in active position when the spark controlling mechanism of the motor vehicle is advanced, and means connecting said member to the spark controlling mechanism, so that the latter when moved to retarded position may move the former to inactive position.

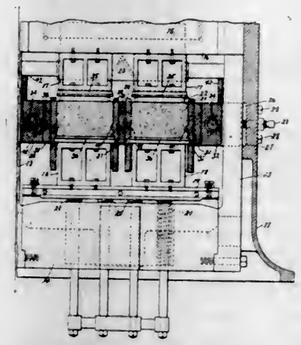
1,570,617. METHOD OF REFRIGERATOR MANUFACTURE. LLOYD G. COPEMAN, Flint, Mich. Filed Apr. 6, 1925. Serial No. 21,002. 6 Claims. (Cl. 25—155.)



1. A method of making a refrigerator or other article of manufacture, which comprises the coating of the moulding surfaces of the outer and inner mould sections

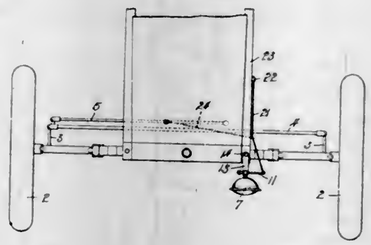
with a relatively thin layer of finishing material, and the pouring of a plastic filler in said mould to form a composite shell structure.

1,570,618. PRESSING MECHANISM. WALTER H. COTTON, Chicago, Ill. Filed Mar. 8, 1924. Serial No. 697,924. 10 Claims. (Cl. 25—97.)



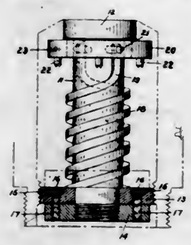
1. In a machine for pressing material into forms, a mold, two pressing heads adapted to press material in the mold, means interlocking the pressed material with one of the pressing heads while the other pressing head is moved out of engagement with the pressed material, and means for ejecting the pressed material from the mold without previously releasing the interlocking means.

1,570,619. VEHICLE-LAMP CONTROL. EDWIN C. CROMPTON, Toledo, Ohio, assignor to The Rollaway Motor Company, Toledo, Ohio, a Corporation of Ohio. Filed Dec. 29, 1923. Serial No. 683,284. 2 Claims. (Cl. 240—62.)



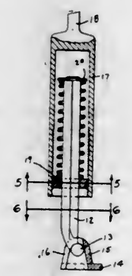
1. In combination with a vehicle having steering arms rigidly inter-connected, a dirigible lamp mounted on the frame of the vehicle and having an arm projecting laterally therefrom, a flexible cable connected at one end to said arm and at the opposite end to the vehicle frame, spring means tending to hold said arm in position to maintain said cable taut, a draft cable connected at one end to said first cable intermediate the ends thereof and at the opposite end to the steering rod of the vehicle thereby automatically to control the position of the lamp by the steering mechanism.

1,570,620. MECHANICAL DELAY ELEMENT FOR FUSES. FRANK T. CROWELL, Dover, N. J. Filed Nov. 18, 1924. Serial No. 750,656. 5 Claims. (Cl. 102—39.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



5. A mechanical delay element for fuses embodying a column formed with a flanged head, a plunger embracing the column and adapted to be supported on set back by the flanged head, and shear wires for normally holding the plunger in unarmed position.

1,570,621. HOOD LATCH. EMANUEL L. CRUM, Indianapolis, Ind. Filed July 18, 1925. Serial No. 44,488. 2 Claims. (Cl. 292—66.)



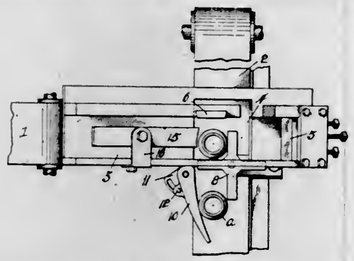
1. A hood latch comprising a hollow barrel provided with internal screw threads, a stem adapted to extend therein, a cap on one end of said stem, an adjusting disc provided with external screw threads adapted to screw in said barrel whereby its position longitudinally thereof may be adjusted by its rotation, said disc being provided with an opening through which said stem slidably but non-rotatably extends, and a compression spring mounted intermediate said disc and cap.

1,570,622. ARTICLE-SETTING-UP MEANS. FRED W. DANBERG, Toledo, Ohio. Filed Oct. 11, 1922. Serial No. 593,668. 3 Claims. (Cl. 214—1.)

1. The combination with a chute down which articles move by gravity in reclining position and having an opening over which an article partially passes, and a bumper in advance of the opening with which the forward end of the article engages to stop its forward movement and cause it to fall backward and downward through the opening in setting up position, of a guide members disposed over a portion of the trough for coacting with an article to prevent the forward end of the article tipping down into the opening as it passes over the same.

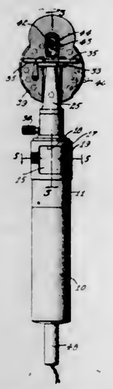
3. The combination with a continuously moving conveyor, and means for guiding successive articles to a position over the conveyor and then permitting a dropping of the same in upright position on the conveyor, of a rotatable member having pockets for successively

receiving articles as they drop on the conveyor, guide means cooperating with said rotatable member for preventing articles toppling as they drop onto the conveyor said guide means including an adjustable arm extending



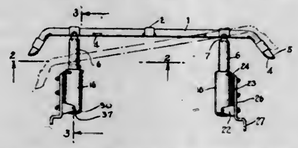
approximately parallel with said conveyor and adapted to cooperate with an article as it passes from engagement with said rotatable member to place said member in predetermined article receiving position.

1,570,623. DIAGNOSTIC INSTRUMENT. HENRY L. DE ZENG, Geneva, N. Y., assignor to De Zeng Standard Company, Camden, N. J., a Corporation of New Jersey. Filed Aug. 29, 1924. Serial No. 734,876. 17 Claims. (Cl. 88—20.)



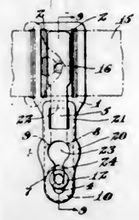
1. In a device of the character described, an adjustably mounted illuminating means, a light passageway extending therefrom, a lens disposed in the passageway, and means for longitudinally moving the lens to compensate for adjustment of the illuminating means.

1,570,624. BUMPER FOR VEHICLES. MANUEL D. DOMINGUEZ, New Orleans, La. Filed Oct. 21, 1924. Serial No. 744,938. 17 Claims. (Cl. 293—55.)



1. A vehicle bumper structure comprising an impact bar of clincher cross-section and a cushion of resilient material extending along the outer face of the bar and having a base formation co-operating with the clincher form of the bar to hold the cushion in position, the ends of the cushion being lapped around the ends of the bar and firmly secured thereto.

1,570,625. GARMENT CLASP AND METHOD OF MAKING SAME. SEXTUS A. EDDINS, Brockton, Mass. Filed Jan. 2, 1925. Serial No. 110. 4 Claims. (Cl. 24—247.)



1. A clasp of the kind described comprising a body portion having a resilient button attached at its lower end and extending through and outwardly therefrom, said button being set eccentric relatively with its base, a resilient retaining strip secured to said body portion a clasping member slidably mounted between said body portion and said resilient retaining strip, said clasping member being provided with a perforation and adapted to fit over the button, whereupon it will be held under constant tension by the pressure of the resilient strip.

1,570,626. METHOD OF DEHYDRATING LIQUIDS. ARTHUR S. ELSENBAST, New York, N. Y., assignor, by mesne assignments, to The Celite Company, a Corporation of Delaware. Filed Mar. 14, 1922. Serial No. 543,781. 3 Claims. (Cl. 87—12.)

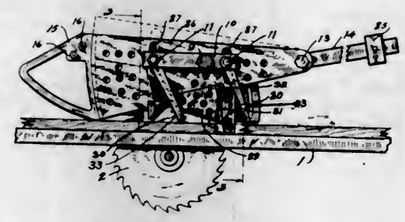
2. The method of separating water from nonaqueous liquids, which consists in mixing substantially dehydrated diatomaceous earth with a non-aqueous liquid containing a small percentage of water and subjecting the mixture to filtration.

1,570,627. PIPE WRENCH. EDWIN J. EVANS and WILLIAM H. BARBER, Salt Lake City, Utah. Filed Mar. 25, 1924. Serial No. 701,844. 1 Claim. (Cl. 81—106.)



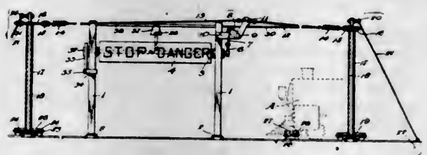
In a wrench, a frame and handle comprising a bar of metal bent to U-shaped form providing spaced legs, a fixed jaw secured to the ends of the legs, a carrier provided with spaced openings which slidably receive said legs, an extension integral with said carrier, said extension having an opening, an adjustable outer jaw confronting said fixed jaw, a shank formed integral with said outer jaw and pivotally secured to said extension, said fixed jaw having an elongated opening through which said shank is slidably and swingably fitted, an operating screw rotatably mounted on the frame and on the fixed jaw, said operating screw coacting with the carrier, and a traveling nut slidably mounted on the legs of the frame and co-acting with the operating screw.

1,570,628. SAW GUARD. ANDREW FLOHR, Colorado Springs, Colo. Filed Oct. 23, 1924. Serial No. 744,919. 1 Claim. (Cl. 143—159.)



A saw guard comprising a support, a frame pivotally attached to said support and projecting to one side of the support, a counterweight attached to said frame, said counterweight being located on the opposite side of the support, a guard plate pivotally attached to said frame, said plate being sector shaped, an auxiliary guard plate, also of substantially sector shape pivoted near its vertex to the first mentioned plate at a point near the arcuate portion of the latter and means for guiding and limiting the movement of the auxiliary plate with respect to the main guard plate.

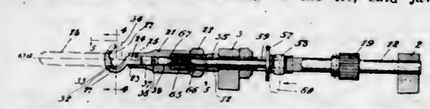
1,570,629. AUTOMATIC SIGNAL FOR RAILROAD CROSSINGS. LELAND L. FOSS and DAVID L. FOSS, Pulaski, and CHARLES H. PARRISH, Statesboro, Ga. Filed Aug. 12, 1925. Serial No. 49,774. 2 Claims. (Cl. 246—293.)



1. In an automatic signal for railroad crossings, the combination of spaced posts, a cross rod extending between the posts, a bell carried by the cross rod, a visible signal board, a rod to which the said signal board is affixed, said rod being rotatably mounted on the posts, a bell clapper affixed to the signal board and positioned to strike the bell when the board is swung to vertical position, a resiliently controlled device for releasably holding the visible signal in either a vertical or horizontal position, an arm affixed to one end of the rod on which the visible signal is affixed, a bellcrank to which said arm is linked, a train-operated signal actuating device, and wires and springs operatively connecting the last mentioned device with the bellcrank.

1,570,630. WIRE-TYING TOOL. HENRY B. FOULDER, Glenbrook, Conn., assignor to J. P. Curry Mfg. Co., Inc., Stamford, Conn., a Corporation of New York. Filed Aug. 21, 1924. Serial No. 733,257. 6 Claims. (Cl. 140—119.)

5. A tie twisting head of the character described, including a pair of jaws forming together a single slot for both ends of a wire tie, with a pair of spaced recesses at the rear of the slot, one recess for each enlarged extremity of the tie when extended through the slot, whereby the extremities of the tie are held in spaced apart relation irrespective of the twisting of the tie, said jaws



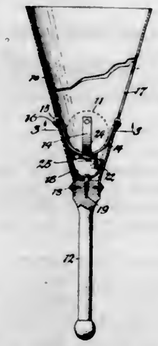
being movable toward and from each other to vary the width of the slot to prevent and to permit the tie extremities to pass forwardly therethrough.

1,570,631. BAGGAGE RACK FOR RAILROAD PASSENGER CARS. CHARLES P. HOWARD, Hartford, Conn., assignor to James L. Howard and Company, Hartford, Conn., a Corporation of Connecticut. Filed Jan. 26, 1923. Serial No. 615,121. 1 Claim. (Cl. 224—29.5.)



In a sectional baggage rack for railway cars having uninterrupted space for baggage extending over a plurality of sections, the combination of a wall plate having means for attachment to a wall, a single projecting beam support of substantially uniform modulus of rupture throughout its length projecting from the wall plate a web portion formed integrally with said beam support and with said wall plate and extending upwardly from the beam support at the plate end thereof, said web portion tapering from the beam support toward the wall plate and merging with the latter at its end, a lug formed on the web portion at a point above the beam support and below the upper end of the wall plate, bottom sections on each side of said beam support having rear longitudinal bars supports in said lug and having front longitudinal bars supported in the free end of the beam support, transverse tie members carried by the front and rear longitudinal bars and having upper and lower edges gradually convex lengthwise, and intermediate bars supported in the transverse tie members intermediate the upper and lower edges thereof.

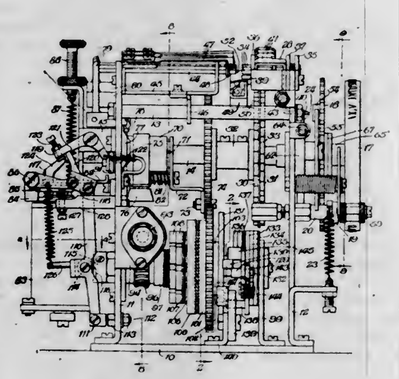
1,570,632. DEVICE FOR CATCHING AND THROWING BALLS. ROBERT J. KIDENEY, Buffalo, N. Y. Filed Jan. 16, 1922. Serial No. 529,435. 3 Claims. (Cl. 273—96.)



1. A device for catching and throwing a ball comprising a hollow cone shaped receptacle having its large front end open to form an inlet through which the ball

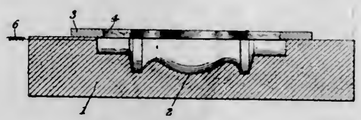
enters and leaves the receptacle while the rear small end is closed and of a diameter which is larger than the ball so that the latter will not become lodged frictionally in the receptacle, and means for giving an audible indication when a ball enters the receptacle and reaches the bottom of the same.

1,570,633. PRINTING-TELEGRAPH RECEIVER. HOWARD L. KRUM, Chicago, Ill., assignor, by mesne assignments, to Morkrum-Kleinschmidt Corporation, Chicago, Ill., a Corporation of Delaware. Filed June 13, 1921. Serial No. 477,012. 14 Claims. (Cl. 178—23.)



1. In a start-stop printing telegraph receiver, a rotary selector member, printing means controlled thereby, a power shaft, a common clutch for operating said selector member and said printing means and comprising toothed driving and driven members, a slip friction clutch yieldingly connecting said driven member to said power shaft, and electro-magnetic means responsive to line impulses for controlling said clutch and the operation of said selector member.

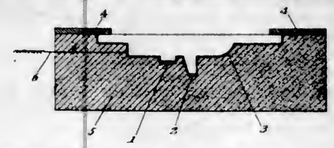
1,570,634. DEPOSITED-METAL PATTERN AND METHOD OF MAKING IT. ARTHUR K. LAUKEL, Detroit, Mich. Filed May 24, 1922. Serial No. 563,188. 10 Claims. (Cl. 22—195.)



1. A method of making metal patterns comprising forming an impression in a mold from a pattern, coating the surface with a conducting substance, and depositing metal thereon electrolytically to form a shell of considerable thickness.

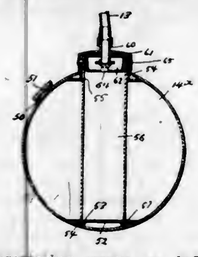
1,570,635. METHOD FOR THE PRODUCTION OF DEPOSITED-METAL PATTERNS AND METAL PATTERN PRODUCED BY SUCH METHOD. ARTHUR K. LAUKEL, Detroit, Mich. Filed Aug. 2, 1924. Serial No. 729,674. 6 Claims. (Cl. 22—195.)

4. The method for the production of deposited metal patterns consisting in making a mold of the desired form, preparing it for electro-deposition, placing therein metal parts made of hard metals in such a position as to lie in the portions of the pattern which are eventually



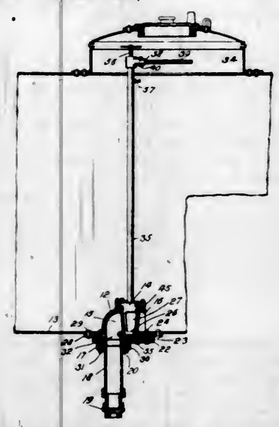
to be exposed to heavy wear, and then depositing metal in the molds to form the pattern with said metal parts embedded in the same.

1,570,636. LIFE-PRESERVING SUIT. ANDREW MEILLAND, Buffalo, N. Y. Filed Oct. 13, 1924. Serial No. 743,408. 2 Claims. (Cl. 9—20.)



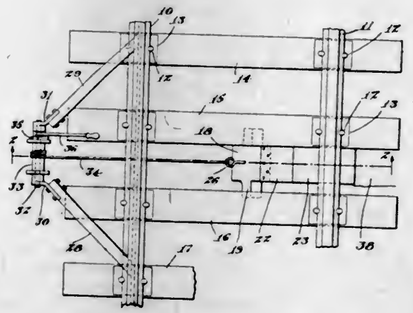
1. In life preserving means, an inflatable container, a tank, a tube detachably secured in the tank with its interior normally isolated from the interior of the tank, and movable relative to the tank to establish communication between the interiors of tank and tube, a closure at the outer end of the tube including a rectilinearly-movable nipple and a valve carried by the nipple and adapted to control the escape of gas from the tube, and a tube connecting said nipple and the interior of the inflatable container.

1,570,637. VALVE FOR TANK CARS AND THE LIKE. SVEN JOHAN NORDSTROM, San Francisco, Calif, assignor, by direct and mesne assignments, to Merco Nordstrom Valve Company, San Francisco, Calif., a Corporation of Delaware. Filed Aug. 28, 1922. Serial No. 584,618. 6 Claims. (Cl. 137—21.)



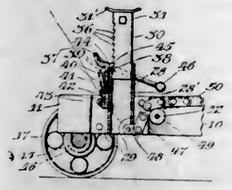
3. A valve for tank cars and the like comprising a casing located in the bottom of the tank, a plug seated in the casing, a hollow valve stem connected with the plug and extending upwardly into the dome at the top of the tank, a handle for manipulating the plug, a pipe located within the valve stem, lubricating channels in the bearing surface of the plug connected with the pipe and means for forcing the lubricant in the pipe into the lubricating channels.

1,570,638. CRIBBER AND BALLAST REMOVER. JOSEPH A. PARANT, Melrose Highlands, Mass. Filed Oct. 21, 1925. Serial No. 64,010. 3 Claims. (Cl. 104—2.)



2. An improved plow for performing the operations of cribbing and ballast removing on railroad right of ways comprising a wedge-shaped nose, laterally extending projections formed thereon and at each side thereof, and extensions formed on said nose and extending rearwardly thereof.

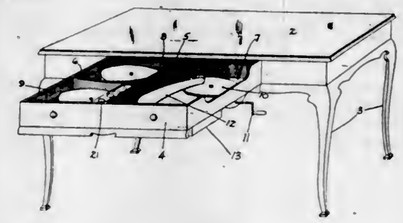
1,570,639. LIFTING JACK FOR AUTOMOBILES. ANDREW J. PERKINS and LESTER I'BAKINS, Chicago, Ill., assignors to Yellow Jack-It Manufacturing Co., Chicago, Ill., a Corporation of Illinois. Filed Aug. 5, 1921. Serial No. 489,991. 2 Claims. (Cl. 254—4.)



1. In a lifting jack a longitudinal frame, a lifting member mounted in said frame, an extensible member mounted in said lifting member, means including a pawl having a vertically extending shank, said pawl being pivoted on the lower edge of said shank on said lifting member for locking said extensible member in adjusted positions, and means extending through said shank and secured to said lifting member for guiding said pawl in its movement.

1,570,640. COMBINED TABLE AND PHONOGRAPH CABINET. JOHN PETERSON, Faribault, Minn. Filed Feb. 20, 1922, Serial No. 537,868. Renewed Dec. 7, 1925. 5 Claims. (274—2.)

1. A drawer support and a drawer adapted for movement to an open or closed position, a phonograph turntable and tone arm therefor mounted within said drawer, a sound amplifier with its mouth opening inside of said



drawer that is opened to the outside when the drawer is opened and closed to the outside when the drawer is closed to modify the volume of the sound emitted.

1,570,641. DOOR-CONTROL MECHANISM. ROSS L. PERKINS, Orosi, Calif. Filed Feb. 18, 1924. Serial No. 693,555. 3 Claims. (Cl. 268—9.)



1. A control mechanism for a pair of oppositely hinged doors comprising means extending between and connected to the doors to cause them to open and close simultaneously, and means whereby while both doors will be moved to the same extent when fully opened, the relative speed of opening movement of the doors at the start from a closed position may be varied at will.

1,570,642. TOY-BALLOON VALVE. JOHN D. REED, Toledo, Ohio. Filed Dec. 9, 1922. Serial No. 605,781. 5 Claims. (Cl. 46—37.)

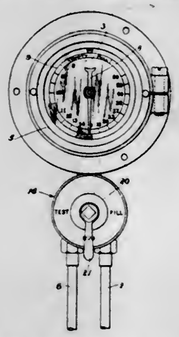


1. In a toy rubber balloon valve, the balloon having a stem, a ring through which the stem is inserted, and spread over the entire outside surface of the ring, the end portion of the stem located in position so that the soft rubber of the stem of the balloon will make contact with the soft rubber of the inflated body portion of the balloon to retain the ring and stem in position relative to the body portion of the balloon when the body portion of the stem is twisted to seal balloon.

1,570,643. FUEL CONSUMPTION METER FOR USE WITH LIQUID-FUEL ENGINES. FRANK SIDEBOTHAM RIPPINGILLE, Birmingham, England. Filed June 9, 1923. Serial No. 644,425. 3 Claims. (Cl. 73—151.)

1. A fuel consumption meter for liquidfuel engines comprising a fuel chamber, a three-way cock adapted to connect the fuel chamber either to the engine or to a supply tank or to connect the supply tank direct to

the engine, a float within the fuel chamber, a dial provided with graduations showing rates of fuel consumption, a pointer adapted to move over said scale, and mechani-



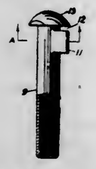
cal gearing between the float and the pointer whereby the said pointer is turned when the float falls due to the emptying of the chamber.

1,570,644. OIL BURNER. ELIAS RIZK, Sioux City, Iowa. Filed Oct. 27, 1924. Serial No. 746,122. 6 Claims. (Cl. 158—91.)



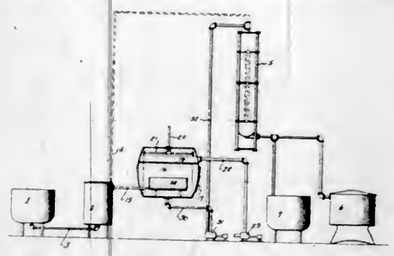
6. In an oil burner, an air chamber base comprising two semi-cylindrical halves each having side walls and inwardly projecting annular shoulders, means for closely joining the halves together to form a ring shaped continuous flange of said shoulders, a bowl received in the opening defined by said flange and having an annular rim resting thereon, said bowl having opposed air orifices, triangular in shape, and with diametrically opposed apexes, shoulders formed in the bowl around said orifices, upstanding flanges bordering said shoulders on the sides of the orifices adjacent the apexes thereof, said rim having a channel in its under surface of greater width than the rim between said orifices, and resting flat against the ring shaped flange within the limits of said orifices, packing material engaged between said channel and the ring shaped flange of the base, and an air flue having triangular shaped ends adapted to rest on the last mentioned shoulders, the flanges serving to position the air flue but to allow expansion thereof outwardly.

1,570,645. BOLT. EDWARD G. ROCHE, San Leandro, Calif. Filed Feb. 12, 1923. Serial No. 618,501. 2 Claims. (Cl. 85—1.)



2. A bolt, comprising a head and body, the body thereof provided with a lateral lug spaced from the head a predetermined distance, a support therefor having an opening of the size and shape of the cross-section through the body and lug, the lug adapted to be turned out of registry with the said opening in said support after insertion, the said lug preventing the bolt from being backed out of engagement with said support, and said lug further adapted to engage the base of the support to prevent rotation of the bolt.

1,570,646. METHOD OF PASTEURIZING AND DEODORIZING CREAM. CHARLES E. ROGERS, Detroit, Mich. Filed Mar. 22, 1923. Serial No. 626,813. 6 Claims. (Cl. 99—15.)



6. The herein described method of treating lacteal fluid for removal of volatile matter, gases, odors, etc., consisting in heating the fluid to a temperature below that productive of detrimental change in the butterfat and at which the casein and curd content becomes hardened, then passing the fluid while at such temperature into an unheated vacuum chamber of such degree of exhaust as to cause an immediate drop in the temperature of the fluid to the temperature of the boiling point of the vacuum thereby liberating the volatile matter, gases, etc., with the heat causing the casein and curd content to break and releasing the butterfat globules to influence of vacuum, the said volatile matter, gases, etc., passing through the condenser out of the vacuum chamber, withdrawing the treated fluid previous to possible detrimental chemical or physical change in the chamber, and finally cooling the fluid.

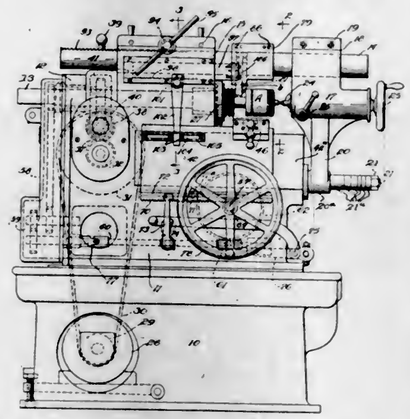
1,570,647. EARTH-BORING SAMPLER. JACOB STEIGH and EARL F. CHOATE, Taft, Calif. Filed Aug. 11, 1923. Serial No. 656,911. 2 Claims. (Cl. 255—72.)



1. A device of the character specified consisting of a casing, an operating means for the casing, a sampling tube located within the casing, means within the casing supporting said sampling tube, said casing having

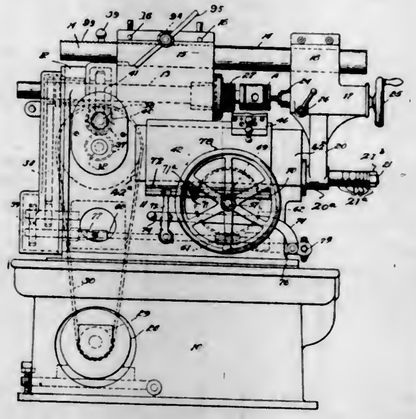
cutting means at its lower end, and means of fluid supply through said operating means having a pipe extending exteriorly of the casing and having communication with the interior of the casing below said supporting means.

1,570,648. LATHE. GUSTAF DAVID SUNDSTRAND, Rockford, Ill., assignor to Rockford Tool Company, Rockford, Ill., a Corporation of Illinois. Filed July 7, 1923. Serial No. 650,171. 9 Claims. (Cl. 82—2.)



1. A lathe having an overarm, a tool carrier supported by the overarm, a reciprocatory member, means providing an enclosed slideway for said member, means for actuating said member including a shaft having a gearing connection with the member, and means connecting the member with the tool carrier.

1,570,649. AUTOMATIC LATHE. GUSTAF DAVID SUNDSTRAND, Rockford, Ill., assignor to Rockford Tool Company, Rockford, Ill., a Corporation of Illinois. Filed July 7, 1923. Serial No. 650,172. 13 Claims. (Cl. 82—2.)



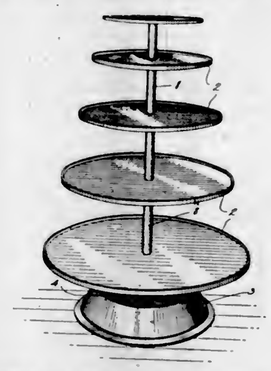
4. A lathe having, in combination, means to support and rotate the work, a carriage movable longitudinally of the work, a turning tool on said carriage, a tool holder mounted for movement transversely of the work, a tool on said tool holder, a common drive for said carriage and tool holder, a trip mechanism actuated in the movement of the carriage for throwing out said drive, and a connection between said tool holder and said drive adapted to reciprocate said tool holder, said reciprocating means being so arranged that upon failure of the trip mechanism to operate at the proper time the direction of movement of the tool holder will be reversed.

1,570,650. COLD CHISEL. WILLIAM STRATTON THOMSON, Plantsville, Conn., assignor to The Tobrin Tool Company, Plantsville, Conn., a Corporation. Filed Oct. 18, 1923. Serial No. 669,413. 3 Claims. (Cl. 145—24.)



1. A cold chisel having a handle and a blade merged one with the other, said handle being in the rough, said blade being finished on all sides and faces, and the portion of said blade at the junction with the handle being larger, on all sides than the handle in the diametrical dimensions, whereby the finishing of the blade is facilitated without encroachment upon the handle.

1,570,651. DISPLAY STAND. WILBUR TOPPING and ANDREW W. NELSON, Terre Haute, Ind., assignors to Columbian Enameling & Stamping Co., Terre Haute, Ind., a Corporation of Indiana. Filed Sept. 17, 1925. Serial No. 56,787. 2 Claims. (Cl. 211—20.)

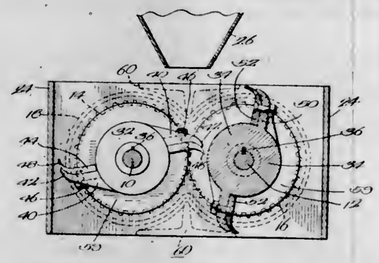


1. A display stand having a base with a central perforation, a socket bearing member fitting into said perforation, a plurality of inner pipe sections detachably and interfittingly connected to each other and resting in said socket, a plurality of disconnected external pipe sections fitting over said inner pipe sections, brackets connected to said outer sections, and trays mounted upon the said brackets, each of the said external pipe sections extending two adjacent trays.

1,570,652. SAND-RAMMING MACHINE. JOHN S. TOWNSEND, Harvey, Ill., assignor to Whiting Corporation, Harvey, Ill., a Corporation of Illinois. Filed Apr. 7, 1920. Serial No. 371,799. 6 Claims. (Cl. 22—36.)

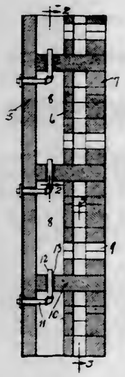
1. In mechanism of the class described, in combination with a suitable passage, open at its top and bottom, and a chute for delivering sand at a given speed, through said passage, a pair of rotatable drums in said passage on opposite sides of the path of travel of the sand through the passage intermeshing fingers on the drums each having a sand engaging face extending substantially

radially from its adjacent drum adapted when the drums are rotated to collect quantities of sand from the stream of sand going thru the passage and means for rotating said drums at a sufficiently high speed so that said fingers



travel faster than the sand moving thru said passage and successively collect portions of said sand into wads and deliver it from the bottom of said passage at a speed greater than the entering speed of the sand.

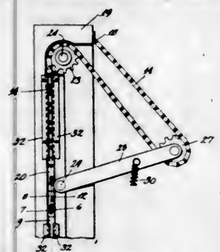
1,570,653. FURNACE WALL. FRANK H. WAITE and GEORGE W. DAVEY, Long Island City, N. Y. Filed Sept. 26, 1924. Serial No. 740,106. 6 Claims. (Cl. 110—56.)



1. A construction of the class described comprising an outer wall, an inner spaced wall having passages extending therethrough, a spacing tile between the said outer and inner walls forming independent air chambers and means connecting the spacing tile with the outer wall to permit the admission of air to the respective chambers, said spacing tile being free to move with the inner wall under contraction and expansion.

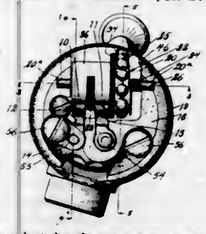
1,570,654. LOCK MECHANISM FOR SLIDABLE WINDOWS. WILLIAM CARLILE WALLACE, New York, N. Y., assignor of one-half to Joseph E. Garrabrant, New York, N. Y. Filed Dec. 1, 1923. Serial No. 677,927. 2 Claims. (Cl. 292—342.)

2. Locking means adapted for use in connection with a slidable window having a guide channel and control means, comprising a two-part wedge device within said channel, one part of said wedge device having means of connection with the window, and also having means of engagement capable of limited slack movement with the control means, the other part of the wedge device being free within the channel, and spring means to normally



extend the parts of the wedge device to frictionally bind it within the guide channel thereby locking the window in a set position.

1,570,655. ELECTRICAL SWITCH. CHESTER E. WARNER, Berwyn, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 24, 1919, Serial No. 340,337. Renewed May 9, 1925. 5 Claims. (Cl. 173—354.)



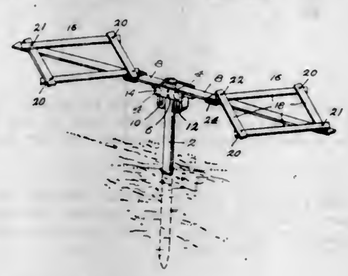
1. A switch socket having a receptacle contact, a wiring terminal and means for establishing electrical connection between said receptacle contact and said wiring terminal, said means comprising a rotatably mounted insulating carrier having cams terminating in abrupt drops, contact plate carried by said carrier and covering one of the cams thereof, said plate having a pair of contact extensions, the carrier having a radially projecting barrier extending therefrom between said extensions, a spring contact finger electrically connected to said receptacle contact, a second spring contact finger electrically connected to said wiring terminal, both of said spring contact fingers being arranged to ride on said curved contact plate and to snap off its said extensions, said barrier being disposed to pass in between said contact fingers before said fingers leave said contacts and to separate said fingers when the latter snap off said extensions.

1,570,656. DISPLAY DEVICE FOR ADVERTISEMENTS. FREDERICK L. WERTZ, Montclair, N. J. Filed Sept. 18, 1924. Serial No. 738,495. 2 Claims. (Cl. 40—146.)



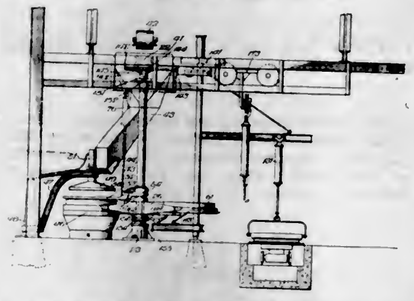
1. In a mounting structure for displaying advertisements, an advertising sign, reinforcement therefor, a stationary and a movable finger on said structure, said movable finger being adapted for displacement with respect to said stationary finger, and two openings in said reinforcement one near the upper and the other near the lower end of the sign, said openings registering with said fingers to hold the sign against lateral and vertical displacement.

1,570,657. CAMP GRATE. LE ROY J. WHITE and OTTO C. TEUFEL, Eldon, Iowa. Filed July 21, 1925. Serial No. 45,037. 2 Claims. (Cl. 126—30.)



1. A device of the character described consisting of a stake, a pair of transverse members fixed to the upper portion of said stake, pivots carried by said transverse members, a pair of brackets provided at their adjacent ends with loops extending at an angle thereto, a sleeve slidable upon each bracket, and a pair of foldable shelves each of which consists of bars pivotally connected at their ends, one pivot being secured to the associate sleeve and another pivot being secured to the associate bracket.

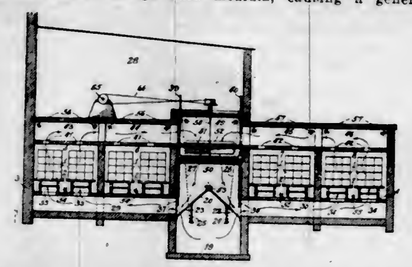
1,570,658. MOLDING MACHINE. ALGOT A. WICKLAND, Chicago, and FREDERICK K. VIAL, La Grange, Ill., assignors to Griffin Wheel Company, Chicago, Ill., a Corporation of Massachusetts. Filed Oct. 10, 1919. Serial No. 329,682. 36 Claims. (Cl. 22—25.)



1. In a molding machine, the combination of a rotatable conveyer movable past a plurality of operating stations and having a plurality of mold supports, and means for alternately locking said conveyer to said rotating means and against movement therewith being substantially overlapping in its locking actions.

1,570,659. METHOD OF AND APPARATUS FOR DRYING REFRACTORY MATERIALS. WILLIAM E. WILSON, Mason City, Iowa, and HENRY G. LYKKEN, Minneapolis, Minn. Filed Dec. 11, 1923. Serial No. 679,954. 26 Claims. (Cl. 34—46.)

1. A method of drying refractory ware, comprising moving the ware through a heating and humidifying medium, the ware being subjected to increasing temperatures and decreasing humidities during said movement of the ware through said medium, causing a general



travel of said medium in a direction opposite to the travel of the ware, and forcing said medium at successive points vertically through said ware.

1,570,660. METHOD OF DIE ROLLING. WILLIAM P. WITHEROW, Pittsburgh, Pa., assignor to Witherow Steel Company, Neville Island, Pa., a Corporation of Pennsylvania. Filed Aug. 1, 1923. Serial No. 655,060. 8 Claims. (Cl. 80—60.)

8. In the method of die rolling, the steps consisting in passing a heated metal leader through a die roll pass with the rolls thereof driven at a given speed and with the leader at a given temperature, whereby a sample article of a certain length is produced, and thereafter passing successive leaders through the same die roll pass, the leaders being at a different temperature than the sample leader and the rolls being driven at a speed different than that used in the rolling of the sample whereby articles differing in length from the sample are produced, both of said variations being in accordance with the percentage of reduction to be effected by the die rolls.

1,570,661. NEEDLE THROAT FOR BUTTONHOLE-SEWING MACHINES. ALFRED R. WOOD, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Dec. 28, 1923. Serial No. 683,092. 8 Claims. (Cl. 112—71.)

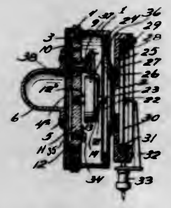


1. A needle-throat member for cut-first buttonhole sewing machines, said member having a needle-clearance aperture, and means for deflecting the body-material towards the buttonhole-slit.

1,570,662. SOUND-WAVE-INTENSIFYING DEVICE FOR REPRODUCERS. ALFRED WYATT, Kansas City, Mo., assignor of one-third to Samuel J. Cochran and one-third to Frank A. Cochran, both of Kansas City, Mo. Filed Apr. 10, 1922. Serial No. 550,991. 2 Claims. (Cl. 179—100.1.)

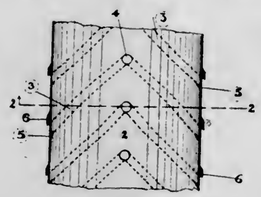
1. In a device of the character described, the combination with a casing provided with an opening at one of its ends, of a microphone carried within said casing, a diaphragm in said casing having its center substantially alined with respect to the axis of said casing-opening and being mechanically connected to said microphone so that vibration of the diaphragm shall be transmitted to the microphone diaphragm, means interposed between the opening-provided end of said casing and the edges of the

diaphragm for cushioning same against metallic noises, a second casing secured to said first-named casing and provided with an opening registering with the opening in said first-named casing, means interposed between said



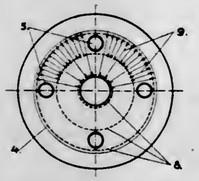
casings for preventing the transmission of metallic noises, a second diaphragm within said second casing and having its center substantially alined with the axis of the casing-opening, and means for effecting vibration of said second diaphragm.

1,570,663. PNEUMATIC VEHICLE TIRE CASING. AMOS A. WYCKOFF, Oakland, Calif. Filed Oct. 4, 1924. Serial No. 741,568. 2 Claims. (Cl. 152—13.)



2. A pneumatic tire having thereon a tread provided therein with a series of V-shaped holes which extend from the sides of the tread to points located at central points within the tread, and a series of radial openings extending from points on the outer surface of the tread to the said points where the holes meet.

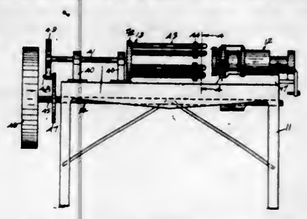
1,570,664. ARTIFICIAL-STONE ABRASIVE WHEEL. HERMANN AMOS, Doltzschen, near Dresden, Germany. Filed Aug. 31, 1925. Serial No. 53,622. 15 Claims. (Cl. 82—75.)



1. An abrasive wheel for the production of wood powder, made of artificial stone and adapted to be mounted on a shaft between clamping plates, said wheel comprising struts embedded in the artificial stone parallel to the axis of the wheel at a distance from said axis not exceeding the radius of the clamping plates.

1,570,665. CUTTING MACHINE. JAMES W. DIXON, Chicago, Ill., assignor, by mesne assignments, to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed June 27, 1921. Serial No. 480,859. 2 Claims. (Cl. 164—61.)

1. A tube cutting machine comprising a hollow guide through which the tube is fed, a plurality of fingers successively positioned in alignment with the guide and receiving the tube as it passes therefrom, means to clamp the tube in the guide, means to sever the tube



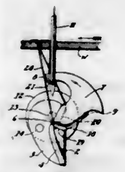
and means to move the fingers after the severing operation to carry the severed tube away from the cutter and position a second finger in alignment with the guide.

1,570,666. WICK. JOSEPH GEPPERT, Chicago, Ill., assignor to The Mantle Lamp Company of America, Chicago, Ill. Filed June 3, 1922. Serial No. 565,728. 10 Claims. (Cl. 67—69.)



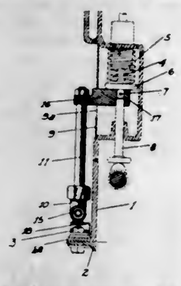
1. A wick containing a chemically and physically-stable solid stiffening substance heat-treated in situ.

1,570,667. SEWING-MACHINE LOOP TAKER. ALFRED GAIBB, Elizabeth, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Jan. 14, 1922. Serial No. 529,112. 8 Claims. (Cl. 112—201.)



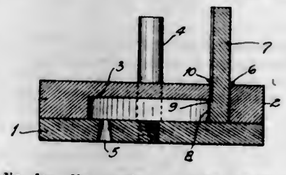
1. A rotary chain-stitch looper comprising a body fashioned from a sheet-metal blank and shaped and bent to form a loop-seizing beak, a loop-spreading wing, and an ear adjoining said wing and disposed substantially parallel to and spaced from the plane of action of the loop-seizing beak, a shank element formed separately from the looper-body and adapted to be detachably secured to the looper-shaft of a sewing machine, and means for securing said ear to said shank element.

1,570,668. OIL-PUMP ATTACHMENT FOR GAS ENGINES. VERNIA E. GRIFFITH, Lodi, Calif. Filed Aug. 13, 1924. Serial No. 731,773. 2 Claims. (Cl. 184—6.)



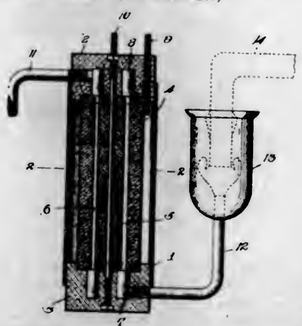
2. An oil pump attachment for gas engines comprising a pump member, a plunger therefor, a rigid block fixed at one end onto the plunger and having an orifice at the other end of a size at its upper end to snugly receive and be secured to the lower end of a valve stem; and at its lower end to receive the push rod of the engine with a running fit, whereby the strain imposed on the block by the plunger is distributed between the valve stem and push rod without interfering with the movement of the latter independent of the stem.

1,570,669. DIE FOR DIE CASTING. CHESTER ARTHUR HEINZELMAN, Belleville, Ill. Filed Aug. 13, 1925. Serial No. 49,930. 5 Claims. (Cl. 22—183.)



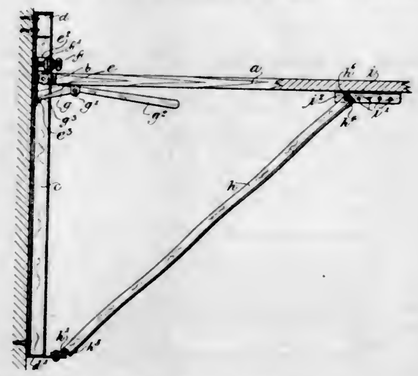
1. A die for die casting provided with an opening therethrough and a plunger shaped to fit said opening, said plunger having a cut away portion.

1,570,670. ELECTRIC WATER HEATER. MILTON J. HORSWILL, Oakland, Calif., assignor to Anna B. Donahoo, Alameda, Calif. Filed Mar. 5, 1923. Serial No. 622,810. 3 Claims. (Cl. 219—40.)



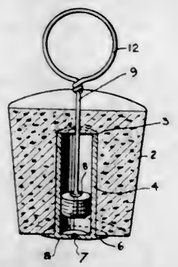
1. An electric heater comprising a conducting core, a second conducting core, said second core being spaced from said first core to form an annular water passage through which the water is adapted to flow, a cap at both ends of said cores, said caps having annular chambers therein communicating with said water passage, an inlet pipe extending into one of said annular chambers, and an outlet pipe extending into the other annular chamber, an electric terminal connected to one core and a second electric terminal connected to the other core, said second terminal being a post extending through one of the cores and both caps.

1,570,671. IRONING BOARD. HENRY E. JANES, Pelham Manor, N. Y., assignor to Janes & Kirtland, Inc., New York, N. Y., a Corporation of New York. Filed June 24, 1925. Serial No. 39,190. 1 Claim. (Cl. 68—10.)



The combination of an ironing board, vertical guides for the inner end thereof, a support for the inner end thereof, means to secure the support in vertically adjusted position, a latch carrier by the board and adapted to engage the support, a brace for the outer end of the board, and means to adjust the brace to support the board in a horizontal position.

1,570,672. BOTTLE STOPPER. WARDLOW M. JESSUP, Clinton, Iowa. Filed Oct. 30, 1922. Serial No. 598,000. 6 Claims. (Cl. 215—58.)

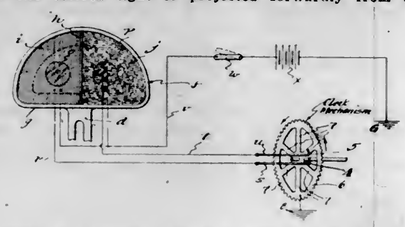


1. A bottle stopper comprising a flexible cork, a cylinder positioned within said cork having its lower end exposed and having an opening therein, a piston within said cylinder, a piston rod attached to said piston and extending outwardly thru said cork and a finger engaging member secured to the outer end of said piston rod.

1,570,673. PARKING LIGHT. SAM JOHNS, Detroit, Mich. Filed Feb. 12, 1923. Serial No. 618,512. 2 Claims. (Cl. 177—329.)

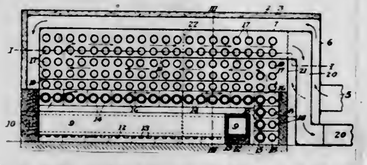
1. In a parking light for vehicles, the combination of illuminating means, a housing for said illuminating means provided with light openings at the front and rear

thereof, and means for controlling the beams of light projected from said illuminating means, whereby a ray of one colored light is projected forwardly from the



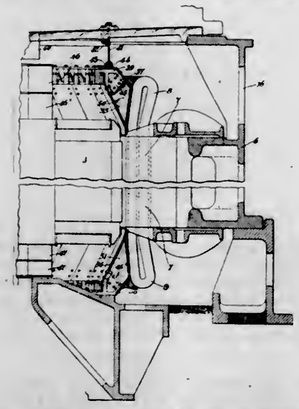
housing and alternate lights of different colors are continuously and intermittently projected rearwardly from said housing.

1,570,674. HEAT EXCHANGER. BOYD M. JOHNSON, Metuchen, N. J., assignor to The Carborundum Company, Niagara Falls, N. Y., a Corporation of Pennsylvania. Filed Feb. 9, 1924. Serial No. 691,576. 14 Claims. (Cl. 263—20.)



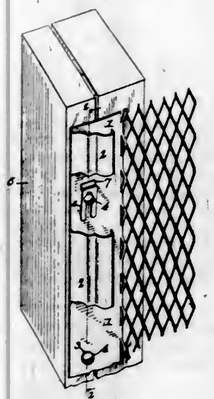
14. A heat exchanger, comprising a radiating combustion chamber having a silicon carbide radiating wall, a plurality of banks of conducting tubes arranged side by side above said wall and each composed of metal tubes and independent silicon carbide tubes arranged between said wall and the metal tubes, means for directing the gases of combustion in contact with said tubes in such manner as to subject the silicon carbide tubes of each bank to the higher temperatures, and a mixing chamber between the discharge ends of the tubes of each bank and the intake ends of the tubes of the next bank.

1,570,675. DYNAMO-ELECTRIC MACHINE. JOSEPH ALLEN JOHNSON, Niagara Falls, N. Y. Filed Mar. 9, 1923. Serial No. 623,833. 17 Claims. (Cl. 171—252.)



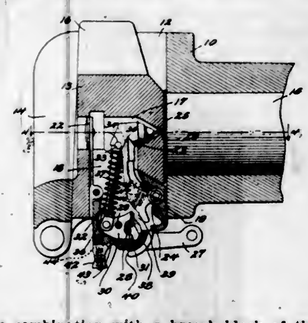
1. In a dynamo electric machine having suitable stator and rotor windings with wound portions of the stator windings exposed from and extending beyond the magnetic structure in which they are wound and in which stator parts are cooled by circulation of air produced by the rotor, the improvement which consists in means between the rotor and exposed portions of the stator windings substantially preventing the rotor from causing motion of air along or around the exposed portions of the stator windings circumferentially of the machine.

1,570,676. FASTENING FOR PLASTER TERMINALS. EDMUND H. JONES, Milwaukee, Wis., assignor to Milwaukee Corrugating Company, Greenfield, Wis., a Corporation of Wisconsin. Filed June 24, 1922. Serial No. 570,537. 3 Claims. (Cl. 72—118.)



1. A fastening for a sheet-metal plaster terminal comprising a headed stud secured in the foundation to which the terminal is applied and adapted to project through an opening in the terminal, and a forked wedge adapted to straddle the stud and when forced under the head of the stud against the base of the terminal to clamp and hold it tightly to the foundation.

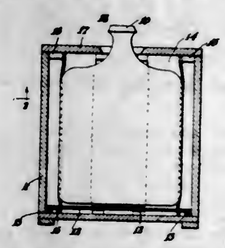
1,570,677. SELF-COCKING FIRING MECHANISM. CLAS J. JULSTEDT, Bethlehem, Pa., assignor to Bethlehem Steel Company, Bethlehem, Pa., a Corporation of Pennsylvania. Filed July 26, 1922. Serial No. 577,677. 21 Claims. (Cl. 89—27.)



1. The combination with a breech block of the sliding type having a recess extending thereinto from one face, and a second recess extending thereinto from another face and opening into the first recess, of a frame, having a firing mechanism mounted thereon, insertable into and removable from one of said recesses, said frame having also means to cooperate with the breech block to lock the frame in operative position within the block, said locking means being accessible through the other of said recesses.

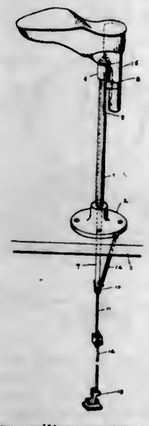
7. In a firing mechanism for guns in combination, a hammer, a spring for operating the hammer, a pivoted operating element for cocking the hammer and stressing the spring, the operating element being adapted while stressing the spring to shift the line of action of the spring toward the pivot.

1,570,678. CARBOY. HARRY A. KAST, Elmhurst, N. Y., assignor to The Kalbfleisch Corporation, New York, N. Y., a Corporation of New York. Filed July 11, 1924. Serial No. 725,501. 2 Claims. (Cl. 217—54.)



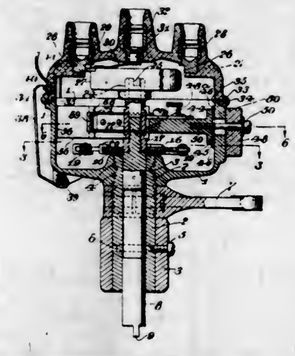
1. A carboy comprising a bottle and an enclosing box or casing therefor, abutments on the casing bottom opposite the plane sides thereof, transverse cushions supported on the abutments and extending beneath the bottle leaving a clear space beneath near the middle portions, vertical acid resisting cushions each comprising a flat strip of material, said cushions being unconnected with each other leaving a clear space between them, the lower ends of said cushions being secured at points within the plane of the bottle sides and at a lower point than the support for the bottom cushions, and acid resisting corner blocks in the upper corners of the casing of a size to bring the upper ends of the vertical cushions within the plane of the bottle sides.

1,570,679. SHOEHORN-PULLING MACHINE. MICHAEL W. KELLY, Rochester, N. Y. Filed May 2, 1924. Serial No. 710,675. 2 Claims. (Cl. 12—15.)



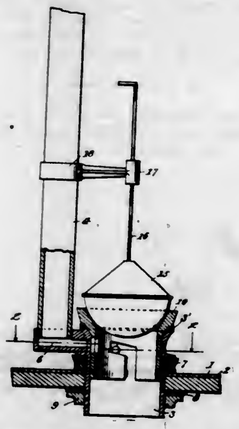
1. In a shoe horn pulling machine the combination of a hollow standard, a socket mounted on top of said standard, an arbor supported within said socket and projecting upwardly therefrom, a rod mounted to reciprocate within said standard, a pulling latch carried in the upper end of said rod, said pulling latch projecting to one side of said rod and thru a slot in said standard, a treadle, adjustable means conning said treadle with the lower end of said rod to reciprocate said rod within said standard and move said pulling latch up or down on the outside of said standard.

1,570,680. IGNITION APPARATUS. ARTHUR ATWATER KENT, Ardmore, Pa. Filed July 2, 1921. Serial No. 482,074. 41 Claims. (Cl. 200—22.)



24. Ignition controlling apparatus comprising a cam-actuated arm, an interrupter contact by said arm and movable in an arc, a co-acting stationary contact, at least one of said contacts having a substantially plane face, a member carrying said stationary contact, and a pivot for said member about which it is adjustable in an arc, said pivot disposed approximately in alignment with said face of said one of said contacts, and the radii of said arcs having different lengths.

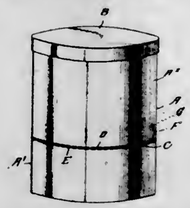
1,570,681. SEAT FOR FLUSH VALVES. WALTER J. KIRKHAM, Helena, Ark. Filed Apr. 4, 1922. Serial No. 549,451. 1 Claim. (Cl. 4—57.)



In a flush tank, the combination with an outlet pipe provided with an opening in its wall adjacent the upper end thereof, the upper end of said pipe being flared outwardly, a laterally extending throat formed on the upper portion of said pipe and in communication with said opening, and a vent pipe connected with said throat; of a valve seat provided with an outer peripheral offset portion for reception on the upper flared end of said

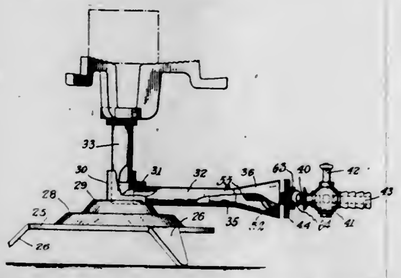
outlet pipe, an integral tubular body extension formed on said seat in continuation of said annular offset portion thereon, said body extension being provided in its wall with an opening adapted for registration with the opening in the wall of the outlet pipe, said body extension being also provided at diametrically opposite points thereon with bayonet slots extending upwardly from the lower edge of said extension, and inwardly extending ears carried at diametrically opposite points on the wall of said pipe for reception in said bayonet slots to removably secure said valve seat in position on the upper end of said pipe, the opening in the body extension being intermediate of said bayonet slots, whereby said opening may only register with the opening in said outlet pipe when the bayonet slots and the valve seat are disposed to locked position as and for the purposes described.

1,570,682. CARDBOARD BOX FOR MEN'S HATS. FERDINAND R. KLING, New York, N. Y. Filed June 10, 1925. Serial No. 36,220. 1 Claim. (Cl. 229—6.)



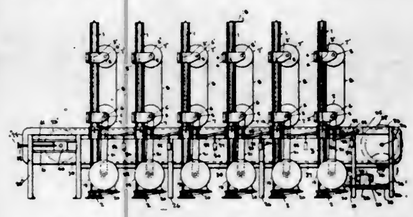
A large circular cardboard box provided with perforations in and around the wall of the box at a distance from the bottom of the box equal to one-third the height of the box dividing the wall into detachable sections, a wire secured immediately over the said perforations on the outside of the box, and a thin sheet of paper pasted on the outside of the said box over the perforations and wire, the end of said wire drawn through one of the perforations and left free and loose in the said box and provided with a knob at the end of said wire, whereby when the knob at the end of said wire is pulled the portion of the box above the perforations is severed from the portion below the same, the box is reduced to a size equal to one third the height of the large box as and for the purpose specified.

1,570,683. GAS BURNER. MILTON M. KOHN, New York, N. Y. Filed June 20, 1923. Serial No. 646,680½. 8 Claims. (Cl. 158—118.)



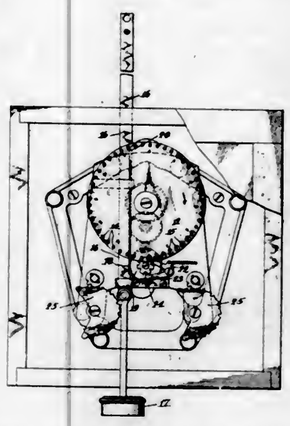
1. In a gas burner having an inlet tube, a hollow cone removably secured in said tube, a hollow screw supplying gas to said tube, means in said screw for controlling the passage therethrough, means for entering air therein, and a plurality of helical vanes integral in said cone for causing the entering air to assume a whirling motion prior to commingling with the gas.

1,570,684. GRINDING AND POLISHING MACHINE. FRANK KUHN and LAURENCE H. THOMAS, Detroit, Mich., assignors to American Electrical Heater Company, Detroit, Mich., a Corporation of Michigan. Filed July 24, 1922. Serial No. 577,188. 2 Claims. (Cl. 51—138.)



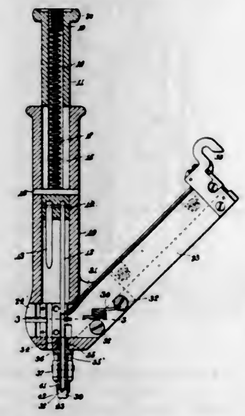
1. A grinding and polishing machine comprising a horizontal frame, a pair of sprockets journalled in opposite ends thereof, an endless link chain engaging said sprockets, plates secured to the links of said chain, longitudinal guide ways on said frame for receiving the edges of said plates, flanges extending inwardly from said guide ways forming stops for said plates to limit the upward movement thereof, levers pivoted to said frame, weights depending from the ends of said levers, a vertically movable rod attached to each of said levers at the end opposite said weights, and a head on said rod adapted to bear against the under side of said plate, said head being arranged beneath one of said flanges.

1,570,685. TIME-CONTROLLED DEVICE FOR DAMPERS, VALVES, AND THE LIKE. CLINTON E. LARRABEE, Binghamton, N. Y., assignor to International Time Recording Company of New York, Endicott, N. Y., a Corporation of New York. Filed Aug. 7, 1924. Serial No. 730,595. Renewed Dec. 8, 1925. 10 Claims. (Cl. 161—8.)



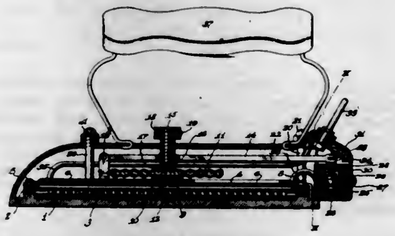
1. A time controlled apparatus for dampers, valves and the like, comprising a controlling member, a prepositioned program wheel, and means for controlling the former member from said wheel to permit a differential displacement of said member, said means including a Geneva device controlled by the program wheel, geared connection therefrom to said controlling member, and an escapement device controlled by said program wheel for preventing movement of said controlling member at times when the Geneva device is out of cooperation with the program wheel.

1,570,686. TACK-DRIVING DEVICE. OSCAR L. LAWSON, Lynn, Mass. Filed Apr. 15, 1925. Serial No. 23,256. 15 Claims. (Cl. 1—46.)



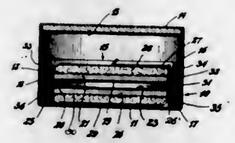
5. In a device of the class described, a casing; a reciprocating member therein; a spring for forcing said member outwardly; a driving member secured to said reciprocating member; a block secured to said casing and having a cylindrical opening therein through which said driving member is adapted to move; a pair of jaws pivoted to said block and having opposed curved faces adapted to curve the point of a tack passing between them, said curved faces having inclined pockets in the upper ends thereof; springs normally retaining the lower ends of said jaws in contact; means for feeding a tack into the path of said driving member; and means permitting said jaws to separate when the driving member is actuated.

1,570,687. THERMAL SWITCH FOR ELECTRIC IRONS. JAMES N. LEWIS, Detroit, Mich., assignor to Lewis Electric Mfg. Co., Inc., a Corporation of New York. Filed Apr. 29, 1922. Serial No. 557,343. 1 Claim. (Cl. 200—140.)



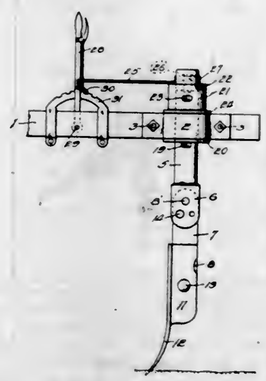
In an electrically heated iron having a cover under which is located an electric switch and a thermostatic control device adapted to control said switch and the heating of said iron:—means for supporting said thermostatic control device and mechanism by which said switch may be actuated by said device, said means comprising a four-arm spider under said cover on which is mounted said thermostatic control device, a bearing on one of the arms of said spider at one side of said thermostatic device, a lever pivotally supported by said bearing between said spider and said cover and extending in the direction of another arm of said spider and articulated with said switch, said thermostatic control device being at the juncture of said spider arms and having a portion thereof attached to said spider, and means carried by said lever opposite the attached portion of said control device and extending through said cover adapted for adjustment to regulate the operation of said lever by said thermostatic control device.

1,570,688. TOILET ARTICLE. HORTENSE LICHTENTAG, New York, N. Y.; Ruth Paskin, administratrix of said Lichtentag, deceased, assignor to herself and Louis Paskin, a Copartnership doing business as Paris Laboratories, New York, N. Y. Filed Mar. 31, 1923. Serial No. 628,959. 5 Claims. (Cl. 132—83.)



1. In a toilet article of the two powder compact type, powder compact carrying means comprising a plurality of powder compact supporting members interfitting at their peripheral edges, a powder compact carried by each of said supporting members on the exposed faces thereof, means associated with said supporting members for detachably fastening the same together, a container for the powder compact supporting members, and means to pivotally mount the said supporting members within the container, whereby either compact may be operatively exposed.

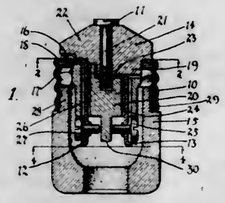
1,570,689. CULTIVATOR. JACOB W. LYONS, Morrisonville, Ill. Filed Mar. 31, 1922. Serial No. 548,515. 1 Claim. (Cl. 97—187.)



In a cultivator construction, a beam, a vertically disposed concaved recess in the outer side face of the beam, a bearing fixed to the beam having a vertically disposed opening having an open inner side to register with the recess in the beam to provide a circular bearing opening, a shovel shank having a plurality of transverse openings disposed at right angles to each other oscillatingly receivable in said bearing opening, a washer mounted upon the shaft and engaging the lower face of the bearing, a cotter-pin receivable in one of the transverse shaft openings below the washer and engaging the lower face thereof for holding the washer from downward displacement, a washer loosely mounted upon the shaft and engaging the upper face of said

bearing, an arm having a head provided with an opening at one end for receiving the upper end of said shaft, the lower face of said arm engaging the washer that engages the upper face of the bearing, a cotter-pin passing through the head of said arm and passing through one of the transverse shaft openings for holding the arm against upward and rotary displacement and means for actuating said arm for oscillating the shovel shank.

1,570,690. ATTACHMENT PLUG. STANLEY MCCLATCHIE, Cambridge, Mass., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed July 3, 1920. Serial No. 393,973. 3 Claims. (Cl. 173—358.)



3. A swivel attachment plug comprising a threaded shell contact, having an inwardly-extending annular flange, an insulating base having a longitudinally extending hole therethrough, and an integral sheet metal member comprising a binding plate portion, a conducting portion extending through said hole, and a pair of contact members straddling said flange and having a sliding engagement therewith.

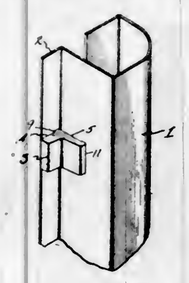
1,570,691. INDICATING INSTRUMENT. LEWIS A. MAPEL, St. Louis, Mo., assignor to The Automatic Appliance Company, St. Louis, Mo., a Corporation of Missouri. Filed Mar. 1, 1920. Serial No. 362,573. 5 Claims. (Cl. 73—110.)



1. A pressure gage comprising, a casing, an imperforate diaphragm mounted within said casing and dividing the same into two liquid-receiving compartments, an indicator connected for operation by said diaphragm, a pipe connection to each compartment adapted to supply thereto and maintain therein the pressure-transmitting liquid, and means for connecting said compartments, adapted to permit the liquid from one of said connections to flow into its compartment and therefrom into the other compartment, in order to fill both compartments, said connections being arranged to permit displacement of the air in said compartments while they are being filled.

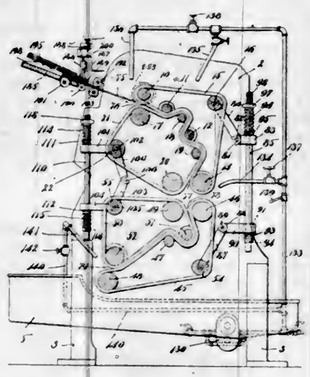
1,570,692. DOOR BUFFER. WILLIAM MARSHALL, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Nov. 17, 1924. Serial No. 750,426. 5 Claims. (Cl. 16—86.)

1. The combination with a metal door jamb having a lateral flange, of a door buffer having a portion seating against the outer face of the jamb, and having a portion seating against the outer face of the flange,



and projections extending from the portion aforesaid of said buffer extending through said jamb and flange respectively.

1,570,693. LEATHER-TEMPERING MACHINE. WALLACE C. WRIGHT, Brookfield, N. H., and FRANK W. MERRICK, Boston, Mass., assignors to American Shoe Machinery Company, Boston, Mass., a Corporation of Massachusetts. Filed Jan. 7, 1921. Serial No. 435,733. 7 Claims. (Cl. 91—17.)

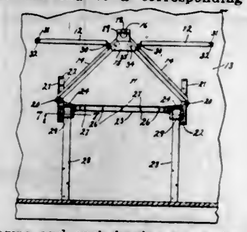


4. A leather tempering machine of the kind described, having in combination a plurality of endless belts arranged in groups, means cooperating with said belts for deflecting a predetermined portion of them in opposite directions, means supplying tempering solution both to said belts and to the material operated upon and means applying a substantially uniform tension upon predetermined belts of said groups.

1,570,694. VEHICLE SHIPPING BRACKET. CHARLES L. MICHOD, Chicago, Ill., assignor, by mesne assignments, of one-half to The Studebaker Corporation, South Bend, Ind., a Corporation of New Jersey, and one-half to The Copony Auto Loading Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 17, 1923. Serial No. 681,212. 8 Claims. (Cl. 105—368.)

1. A bracket of the class described, comprising a member adapted to fixedly fasten the hub portion of an axle thereto, a pair of upwardly converging arms pivotally connected to said member and having means on their lower ends adapted to fasten said converging arms to

a car wall, and a second pair of arms each pivotally connected at one end to a corresponding one of said



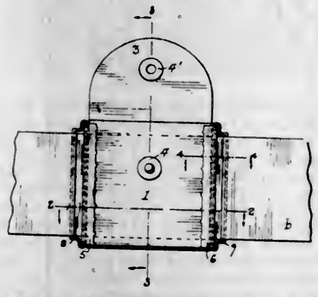
converging arms and each having a member on its other end adapted to fixedly fasten said second mentioned arms to the wall.

1,570,695. GLASS-DRAWING APPARATUS. WILLIAM L. MONRO, Pittsburgh, Pa., assignor to Window Glass Machine Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Nov. 6, 1922. Serial No. 599,236. 4 Claims. (Cl. 49—121.)



1. In apparatus for drawing glass cylinders, a bait, a chamber adjacent the bait, and a nozzle of smaller cross sectional area than the chamber adapted for the discharge of air in jet form through the chamber and into the bait, the chamber having a substantially continuous wall at one side of the path of said air jet and having an opening opposite such wall, substantially as described.

1,570,696. POCKET FOR BATHING BELTS. ROSWELL A. MOORE, Waterbury, Conn., and SOLOMON BYER, New York, N. Y. Filed Jan. 6, 1925. Serial No. 875. 1 Claim. (Cl. 224—26.)



A bathing belt pocket comprising a strip of material folded upon itself to form a front, a back and a cover flap, co-operating means on the front and cover flap for securing the flap in closed position, a metal clip provided with toothed edges secured to each side edge of the front and back to close the sides and a loop carried by each of said clips and adapted to engage a belt.

1,570,697. WELL POINT. THOMAS F. MOORE, Morris Plains, N. J. Filed Dec. 8, 1924. Serial No. 754,617. 3 Claims. (Cl. 166—7.)



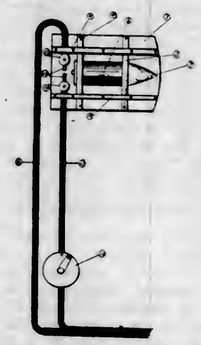
1. In a well point of the character described, a suction pipe, a plate secured flatwise to one side only of the receiving end of the pipe and extended laterally some distance beyond opposite sides of said pipe and a screen wrapped around said plate and pipe and forming therewith collecting chambers external to the pipe for receiving water passing thru the screen.

1,570,698. TOY. ELBERT E. MOORHEAD, San Francisco, Calif. Filed Jan. 12, 1922. Serial No. 528,721. 5 Claims. (Cl. 273—127.)



1. A toy including a pair of spaced supports, a back brace connecting the supports, and tensioned elastic barrier means connected to said supports and arranged in front of the back brace.

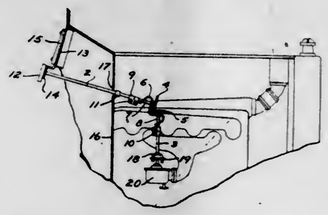
1,570,699. SHOOTING DEVICE. FRANCIS E. MOORMAN, Guthrie, Okla. Filed Nov. 7, 1925. Serial No. 67,623. 2 Claims. (Cl. 89—1.)



1. A device having a support, a pair of shell supports carried thereby, a shell carried in the supports, a fusible cap for the shell, a pair of binding posts, naked

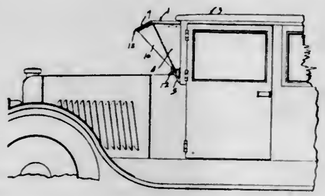
wires passing through the binding posts and in proximity to each to form a gap, electric lines leading from the binding posts, and a switch in one of the lines, the shell discharging at the instance of flashing of the spark at the said gap.

1,570,700. VALVE ADJUSTER. RIN N. MURAKAMI, Milwaukee, Wis., assignor to Harry W. Bolens, Port Washington, Wis. Filed Feb. 15, 1924. Serial No. 693,051. 20 Claims. (Cl. 137—139.)



1. A needle valve adjuster comprising, a pair of movable rod-like elements, a motion transmitting connection between said elements, and a sheet metal bracket coacting with said elements adjacent to said connection, said bracket being supported entirely by said elements.

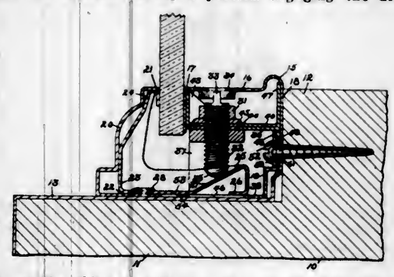
1,570,701. SUN AND RAIN SHIELD FOR AUTOMOBILES. SHOICHI NAKAGAWA, San Jose, Calif. Filed May 11, 1925. Serial No. 29,301. 3 Claims. (Cl. 296—95.)



1. A sun and rain shield for automobiles comprising a metallic plate adapted to be secured to the upper portion of a windshield of an automobile, and project outwardly therefrom, glass side shields fastened to the ends of said plate and extending downwardly therefrom, metallic visor plates hinged to the forward edge of the first named plate and adapted to be moved into position inclining downwardly and forwardly from said plate into position folded against the under side of the plate and vice versa, and glass extension plates for the side shields hinged at their upper ends to the metallic extension plate and movable from a position extending outwardly from the stationary glass plates into position folded upon the under side of the metallic extension plate and vice versa.

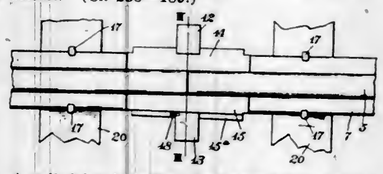
1,570,702. METAL WINDOW SASH. CHARLES G. NELSON, Chicago Heights, Ill., assignor to Zouri Drawn Metals Company, Chicago Heights, Ill., a Corporation of Illinois. Filed Dec. 18, 1924. Serial No. 756,653. 8 Claims. (Cl. 20—56.4.)

1. In a structure of the class described, a glass-clamping member for one side of a sheet of glass, a draw-bar extending from said member to the other side of the sheet of glass and having a cam surface thereon adjacent its end, a bracket, and a screw passing through a portion of the bracket and engaging said cam surface, the bracket having a portion engaging the draw-



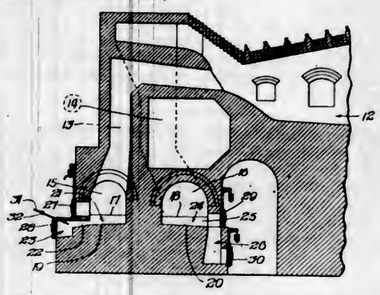
bar on the side opposite the cam surface and preventing thrust of the screw against the cam surface from exerting a twisting force on either the bracket or draw-bar.

1,570,703. RAIL JOINT. DANIEL O. NEWPORT, Columbus, Ohio. Filed Mar. 23, 1925. Serial No. 17,479. 5 Claims. (Cl. 238—189.)



1. A rail joint including, in combination, a truss for the meeting ends of the rails consisting of a plate provided with a second plate bent at its end portions and providing a seat therebetween, a yoke seated in said seat and fish blocks held in said yoke.

1,570,704. SLAG POCKET AND METHOD OF DRAINING THE SAME. FRANK ORTH, Indiana Harbor, Ind. Filed Mar. 14, 1923. Serial No. 625,095. 17 Claims. (Cl. 263—45.)



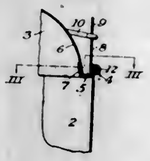
1. The combination with the down-comer of an open-hearth furnace or the like, of a slag pocket in the lower portion of said down-comer, there being an opening in said outer wall giving access to the slag pocket, a suitable closure for said opening, an auxiliary slag pocket at a lower level than the first mentioned slag pocket, a connection from the lower portion of the first mentioned slag pocket to the auxiliary slag pocket, there being an opening giving access to the auxiliary slag pocket, a suitable closure for said opening, means for introducing fuel or the like into the first mentioned slag pocket for the purpose specified, and means for at times isolating the auxiliary slag pocket from the first mentioned slag pocket.

1,570,705. ALARM DEVICE. HERBERT E. ROSE, Warwick, and ALBERT J. LOEPSINGER, Providence, R. I., assignors, by mesne assignments, to General Fire Extinguisher Company, Providence, R. I., a Corporation of Delaware. Filed Oct. 18, 1923. Serial No. 669,409. 6 Claims. (Cl. 253—136.)



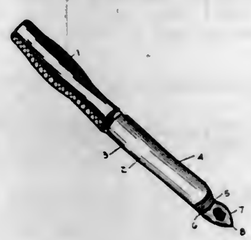
1. The combination with a motor having a wheel impelled by liquid striking its blades, of a casing guiding a portion of the liquid around the periphery of the wheel and into the path of the blades on the remote side of the wheel from where liquid first strikes them.

1,570,706. CONTAINER ATTACHMENT AND METHOD OF MAKING THE SAME. HUGH M. ROSS, Woodhaven, N. Y., assignor to Eagle Manufacturing Company, Wellsburg, W. Va., a Corporation of West Virginia. Filed Oct. 25, 1923. Serial No. 670,689. 13 Claims. (Cl. 220—91.)



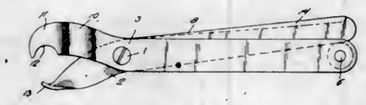
1. An attachment for containers having a top formed with a shoulder, and a seam between the top and the walls thereof, which includes a tongue bent around the seam, and means bearing on the top and engaging said shoulder for preventing rotation of the attached member.

1,570,707. VEGETABLE KNIFE. JOHN KING ROSS, Fort Erie, Ontario, Canada. Filed July 25, 1924. Serial No. 728,114. 1 Claim. (Cl. 146—204.)



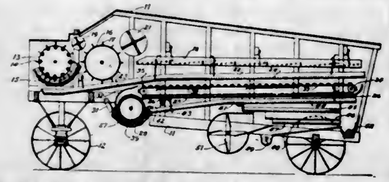
A vegetable knife comprising a handle and a knife blade having a cutting edge and a dull edge and having a substantially spoon-shaped portion at one end thereof, one edge of said spoon-shaped portion having a groove situated substantially at a point where said spoon-shaped portion joins said knife blade.

1,570,708. BENDING TOOL. FRANK I. ROUSH, Northumberland, Pa. Filed Apr. 17, 1925. Serial No. 23,883. 1 Claim. (Cl. 81—15.)



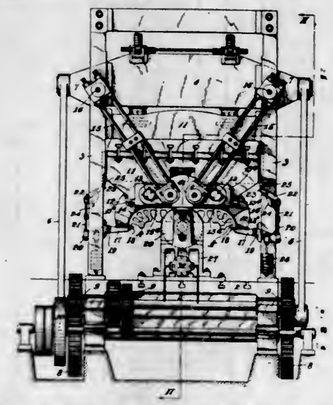
In a tool of the class described, a pivot bolt, a lever pivoted on the bolt, a pair of levers pivoted on the bolt, one on each side of the first lever, the terminals of the pair of levers being notched, the adjacent end of the first mentioned lever being twisted, at right angles and having a curved terminal, the notched ends of the pair of levers being bent outwardly from each other.

1,570,709. COMBINED THRASHER AND HULLER. WILLIAM N. RUMELY, Chicago, Ill. Filed Jan. 27, 1923. Serial No. 615,208. 9 Claims. (Cl. 130—2.)



1. In a combined thrasher and huller, the combination of a thrashing cylinder, a straw rack, a chaffer beneath said rack, hulling mechanism, and a return floor interposed between said chaffer and hulling mechanism, said floor extending from one end of said chaffer to said hulling mechanism and being completely removable to prevent delivery of material to the hulling mechanism when it is desired to use the apparatus merely as a thrasher.

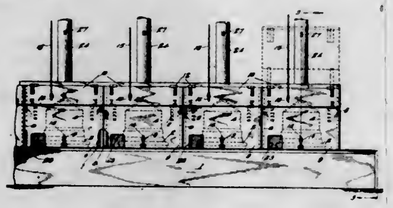
1,570,710. APPARATUS FOR FORMING WHEEL SHAPES. CHARLES SCHENCK, LEWIS FINE, and EMIL IBACH, Bethlehem, Pa., assignors to Bethlehem Steel Company, Bethlehem, Pa., a Corporation of Pennsylvania. Filed Apr. 27, 1923. Serial No. 634,953. 12 Claims. (Cl. 153—33.)



1. In apparatus for making metal wheels from flanged beams or sheets having web and spoke portions, a split die block having annular projections arranged to support the flanged portion of the wheel blank and to receive between them the web and spoke portions of the blank, and a forming die having arc-shaped faces thereon, the

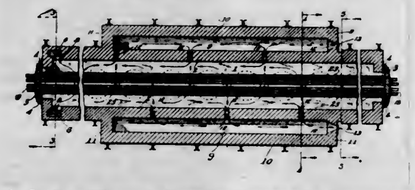
said forming die being movable relatively to the die block and said arc-shaped faces being adapted to engage and bend the blank about the projections of the die block into wheel form.

1,570,711. COLLECTING BOX FOR WIRE-DRAWING BLOCKS. WILLIAM H. SOMMER, Peoria, Ill. Filed May 11, 1923. Serial No. 638,265. 5 Claims. (Cl. 205—16.)



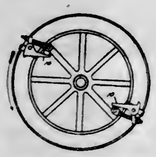
1. In combination with a wire-drawing-block, of a collecting and safety box for enclosing said block having an opening therein to receive a drawing-die and adapted to collect smoke, dust and gases created by the drawing operation, and a draft-flue in communication with the interior of said box for carrying the smoke, dust and gases therefrom.

1,570,712. FURNACE. WILLIAM H. SOMMER, Peoria, Ill. Filed Nov. 21, 1923. Serial No. 676,187. 3 Claims. (Cl. 263—28.)



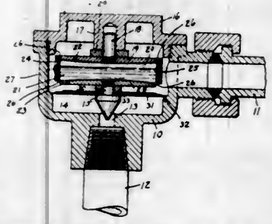
1. In a continuous annealing furnace, in combination, an annealing chamber extending longitudinally thru the furnace, combustion chambers on either side of said annealing chamber, fuel inlet ports in staggered arrangement in the opposite walls of said annealing chamber and in communication with the combustion chambers, said inlet ports being located at relatively considerable distances from the ends of the annealing chamber and exhaust stacks at the material inlet end of said furnace and on opposite sides thereof, the arrangement of fuel inlet ports and stacks creating a swirling action of the flame emitted from said fuel inlet ports about the material being annealed.

1,570,713. EMERGENCY GRIP FOR VEHICLE WHEELS. JAMES OLIVER STEWART, Gorrie, Ontario, Canada. Filed Mar. 30, 1925. Serial No. 19,207. 10 Claims. (Cl. 152—14.)



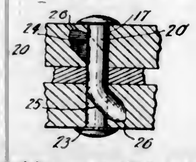
1. In emergency grips for vehicle wheels, a band forming a shoe mounting and adapted to be secured around the rim and tire of the vehicle wheel, a shaft extending from said band, a shoe having a gripping surface and rotatably mounted on said shaft and a resilient clamping mechanism limiting the rotation of said shoe on said shaft.

1,570,714. THERMOSTATIC-VALVE MECHANISM. COLE STICKLE, Indianapolis, Ind., assignor to Stickle Steam Specialty Company, Indianapolis, Ind., a Corporation. Filed May 27, 1924. Serial No. 716,167. 3 Claims. (Cl. 236—58.)



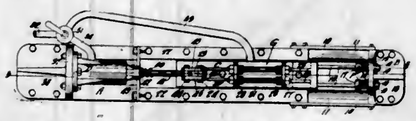
1. A thermostatic valve construction including a fluid containing diaphragm formed of two similar cup-shaped members reversed and telescoped one within the other, a rigid band surrounding the rims of said diaphragm members, solder for securing said band and diaphragm members together and closing the joints between them, and a valve adapted to be actuated by the diaphragm.

1,570,715. RIVET CONSTRUCTION. EDWIN B. STIMPSON, Brooklyn, N. Y., assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Filed Sept. 28, 1921. Serial No. 503,863. 8 Claims. (Cl. 85—39.)



1. A rivet comprising cooperating headed studs having shanks cut away to provide prongs having flat contacting faces and each having an inclined bending shoulder at the base of a prong, the face of the shoulder being perpendicular to the flat contacting face of the shank, and arranged with the inclined length thereof extending the full thickness of the shank across from one side to the opposite side thereof.

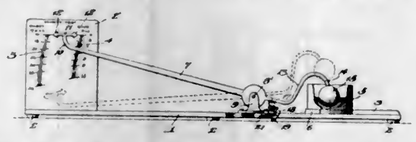
1,570,716. CLEANING APPARATUS. JOHN T. STONEY, Lakewood, Ohio. Filed Apr. 11, 1923, Serial No. 631,301. Renewed May 11, 1925. 14 Claims. (Cl. 22—1.)



1. A cleaning apparatus comprising, rigid means for supporting an object to be cleaned, resilient means for abutting one side of said object, and means for producing vibrations in said object.

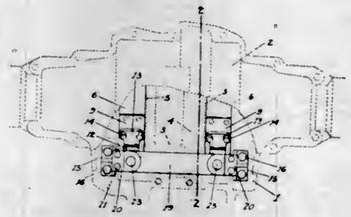
1,570,717. ACIDITY-TEST MACHINE. DONALD W. SUTHERLAND, Jr., Sioux Falls, S. Dak. Filed May 1, 1924. Serial No. 710,306. 3 Claims. (Cl. 73—51.)

3. In an acidity testing machine, a base, a vertical scale plate on the base, a lever pivoted between its ends to the base and having a pointer on one end cooperating with the scale plate, a cup on the base, a float on the other end of the lever receivable in the cup, a latching arm pivoted to the base plate and engageable at one



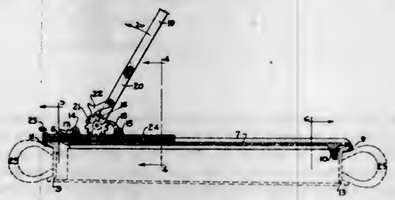
end beneath the lever to hold the float upwardly above the cup to allow the latter to be moved out of register with the float, and a catch engageable with the opposite end of the arm to hold the latter in operative position.

1,570,718. STEERING MECHANISM FOR TRACTORS. EVAN W. SWAIN and OWEN E. SMITH, Stockton, Calif. Filed July 7, 1924. Serial No. 724,582. 8 Claims. (Cl. 188—77.)



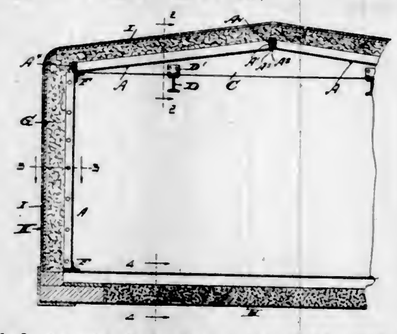
5. In combination with a brake drum mounted in a housing, and a split-end band about the drum, a readily detachable lug on one end of the band, a bracket structure mounted in the housing and overhanging the lug, and having a detachable member formed therewith, means whereby the band can be removed only by detaching the lug, and means whereby said lug can only be detached by removing the detachable bracket member.

1,570,719. AUTOMOBILE RIM COMPRESSOR. HERBERT J. ADAIR, Ardmore, and EDWARD J. FLANNERY, Philadelphia, Pa. Filed Jan. 14, 1919, Serial No. 271,111. Renewed Dec. 6, 1924. 4 Claims. (Cl. 157—1.)



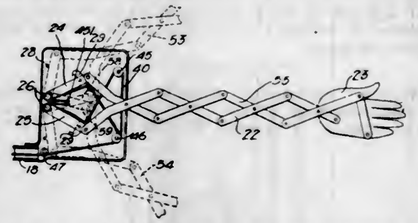
1. A tire tool comprising a main member provided at one end with a hook for engaging an edge of a tire rim and an abutment arranged to bear against the inner face of said rim, an auxiliary member slidably connected with the main member and having a head providing an abutment adapted to bear against the inner face of the rim and having at one end a hook like portion for engaging the edge of the rim and supporting the device, the opposite end of said head forming a hook adapted to be engaged with the edge of the rim, means for effecting relative longitudinal movement between members, and means for retaining the parts in adjusted relation.

1,570,720. INDUSTRIAL OVEN. WENTWORTH V. BAKER, Detroit, Mich. Filed Dec. 11, 1924. Serial No. 755,241. 7 Claims. (Cl. 72—16.)



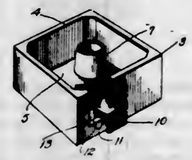
1. In an oven, a plurality of side panels formed of sheet metal having marginal interlocking edges, a plurality of ceiling panels having their side edges interlocked, the ceiling plates having their ends bent to provide an interlocking connection with the upper ends of the side panels, and an insulating non-heat conducting blanket covering the side and ceiling panels.

1,570,721. AUTO SIGNALING DEVICE. FREDERICK M. BALDWIN, Los Angeles, Calif. Filed Oct. 16, 1922, Serial No. 594,804. Renewed June 27, 1925. 13 Claims. (Cl. 116—40.)



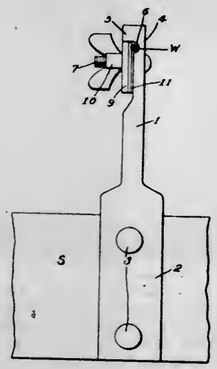
1. In an automobile signal of the class described, the combination of: a support; an extensible display member, including lazy tongs mounted upon said support; and means for exerting a forward pull upon said lazy tongs in the direction of their extension to cause their extension.

1,570,722. BATTERY TERMINAL. JAMES C. BALDWIN, Junction City, Kans., assignor of one-fourth to W. C. Donnell and one-fourth to Ray C. Sheets, both of Navarre, Kans., and one-fourth to Elmer B. Saufley, Kansas City, Mo. Filed Dec. 26, 1924. Serial No. 757,982. 5 Claims. (Cl. 173—259.)



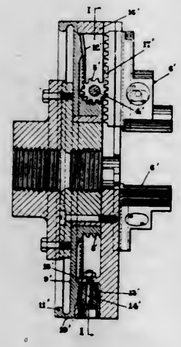
1. A secondary battery connection comprising a housing having an upstanding tubular member carried by its bottom to engage the battery post terminal by fitting over the terminal, the member having an outer face to receive a cable clamp and a removable cover for the housing.

1,570,723. INSULATOR. CLARENCE E. BANKS, Monticello, Mo., assignor of one-half to Jesse L. Brightwell, Monticello, Mo. Filed July 12, 1921. Serial No. 484,156. 1 Claim. (Cl. 173—314.)



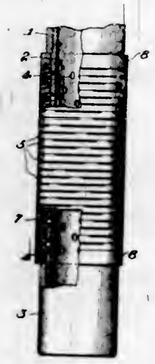
The combination with a head having a groove in one side, and a flange extending from one end of the head at an angle to said grooved side, of a clamping disk insertable under the flange, insulating washers between the disk and the head for receiving a wire therebetween, a bolt extending laterally from the head and loosely through the disk and washers, and means engaging the bolt and disk for forcing a wire and one of the insulating washers to the groove and for keeping the clamping disk below the flange.

1,570,724. AUTOMATIC CHUCK. FRÉDÉRICK BECK, Neuilly-sur-Seine, France. Filed Nov. 9, 1921. Serial No. 514,025. 4 Claims. (Cl. 279—117.)



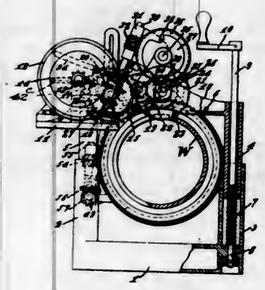
3. An automatic chuck, comprising, a plate, clamping dogs slidably positioned in the plate, pinions for operating the dogs, an endless screw for operating the pinions, said endless screw having a multiple thread equal in number to the number of pinions in the chuck, the divided pitch of which is equal to the pitch of the pinions, and the true pitch of which is equal to the divided pitch times the number of pinions in the chuck, so that the relative position of the pinions remain unchanged during operation of the chuck, whereby to make the dogs mutually interchangeable.

1,570,725. SCREEN FOR OIL WELLS. CHARLES H. BENCKENSTEIN, Vinton, La. Filed Nov. 3, 1924. Serial No. 747,651. 2 Claims. (Cl. 166—5.)



1. A screen for wells including a perforated pipe, a series of hard metal rings mounted on said pipe, each ring being of unbroken formation and means for spacing said rings, the rings being shrunk on the perforated pipe.

1,570,726. PIPE-CUTTING MACHINE. FRANK W. BRODERICK, Memphis, Tenn., assignor of one-half to Emmet H. Slater, Memphis, Tenn. Filed Apr. 1, 1924. Serial No. 703,558. 4 Claims. (Cl. 29—69.)

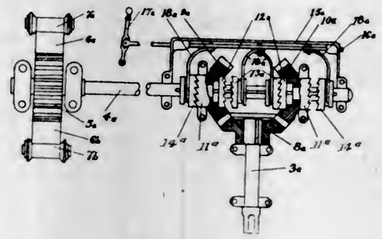


1. In a machine of the class described the combination with a rotatable work holder, of an adjustably supported table, a motor, a saw frame pivotally mounted on the table, a rotatable saw, a cam rotatably mounted, means operated by the motor for simultaneously rotating the work holder and the cam at a slow speed and for rotating the saw at a high speed, said cam cooperating with the frame to shift the frame at the beginning of the movement of the cam to force the saw into the work and thereafter to maintain the saw in engagement with the work.

1,570,727. MECHANICAL MOVEMENT. MANUEL CARRASCO-SÁNCHEZ, Washington, D. C. Filed Sept. 4, 1925. Serial No. 54,572. 4 Claims. (Cl. 74—54.)

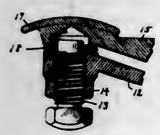
1. In motion transformation mechanism, the combination with angularly disposed driving and driven shafts, of a gear on one of said shafts, a pair of opposite gears

journaled on the other shaft and in operative association with the first-mentioned gear, a set of reverse clutch mechanisms for each of said opposite gears, and means



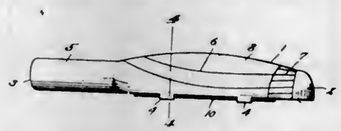
for moving one or the other of the sets of the two gears into and out of coaction to cause the gears and shaft to rotate together in either of opposite directions.

1,570,728. VALVE FOLLOWER. HENRY CHANDLER, Marysville, Mich. Filed Nov. 13, 1922. Serial No. 600,551. 5 Claims. (Cl. 123—90.)



5. A force transmitting member embodying a pair of arms connected together at one end, the other ends being normally spaced apart, one of the arms being resilient, one of the arms being formed to receive pressure from a cam mechanism, the other being formed to transmit pressure to a valve mechanism and means to limit the relative movement between said arms in one direction.

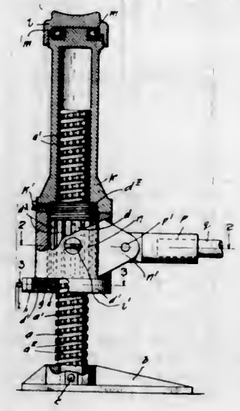
1,570,729. ADVERTISING NOVELTY. LOUIS F. CLEMENTS, Kansas City, Mo. Filed July 31, 1925. Serial No. 47,334. 1 Claim. (Cl. 40—10.)



A device of the class described struck out from a sheet of metal and bent to form an elongated body open at its lower face and having inturned card securing clamping fingers along its side edges and with a rolled tail at one end and a head at the other.

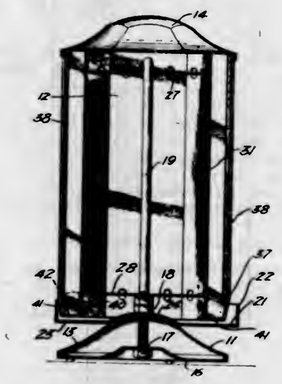
1,570,730. RATCHET MECHANISM. ROY A. DE LANO, Eugene, Oreg. Filed Sept. 15, 1925. Serial No. 56,505. 12 Claims. (Cl. 254—98.)

1. In a power device of the character described, a base, a threaded screw provided with a plurality of longitudinally arranged notches in the threaded portion thereof, said screw being carried by said base, a nut threaded upon said screw, said nut being provided with a pawl normally arranged to engage one of the notches on said screw to prevent the relative rotation of said parts in one direction, a head journaled upon said nut, a handle pivotally carried by said head and adapted to rotate the latter, and cooperating means carried by said head and nut, respectively, adapted to cause the



engagement of said parts when they are relatively rotated in one direction and to cause their disengagement when rotated relatively in the opposite direction.

1,570,731. ROTARY DISPLAY CASE. LEE F. DUFF and GEORGE LANGHANS, Los Angeles, Calif. Filed Sept. 18, 1923. Serial No. 663,392. 3 Claims. (Cl. 211—8.)



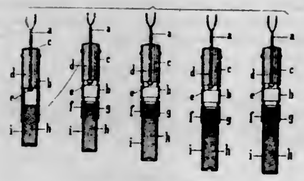
1. In a display case, the combination of: a base; and a rotary display member mounted on said base and consisting of mounting plates and vertical channels disposed around said mounting plates with their legs outwardly extending, the outer edges of each pair of said legs forming part of one of said channels being bent to provide edge channels opening toward each other, said edge channels extending to a position near the lower edge of said legs; outwardly extending projection portions of the lower ends of said legs extending in the same plane therewith and terminating in a horizontal plane, being used to obstruct the lower ends of said channels; binding strips extending over the outer edges of the adjacently disposed legs of said channels; and transparent plates extending across said channels, the edges thereof being received in said edge channels.

1,570,732. VACUUM INDICATOR FOR SEALED CANS AND THE LIKE. KENNETH W. EMERSON, Honolulu, Territory of Hawaii, assignor to Hawaiian Pineapple Company, Limited, Honolulu, Territory of Hawaii. Filed Feb. 4, 1924. Serial No. 690,463. 4 Claims. (Cl. 220—1.)



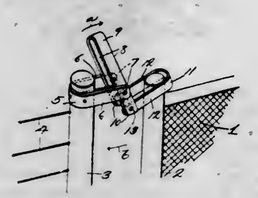
1. A vacuum indicator for sealed cans compriaing a relatively small section of the can deformed to a normal outward convexity adapted to assume an inwardly convexed relation to the surface of the can when the pressure within the can is less by a given amount than the external pressure, and to resume the normal outward convexity when the pressure inside the can approximates the atmospheric pressure.

1,570,733. ELECTRIC TIME FUSE FOR BLASTING CARTRIDGES. WILHELM ESCHBACH, Troisdorf, near Cologne-on-the-Rhine, Germany. Filed July 12, 1922. Serial No. 574,594. 1 Claim. (Cl. 102—7.)



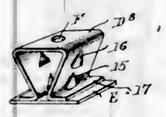
In combination, in separate casings, a blasting cartridge and a fuse cartridge, a retarding element interposed between the fuse cartridge and the blasting cartridge, a priming head positioned at the inner end of the fuse cartridge, a free air space, substantially equal to the fuse cartridge, being left between the priming head and the blasting cartridge, and a vent in the fuse cartridge near one edge thereof connecting the said free air space with the atmosphere whereby to carry the gases away from the shot in order to prevent pre-ignition.

1,570,734. GATE FASTENER. LEWIS W. EVERSMAN, Julesburg, Colo. Filed Dec. 14, 1923. Serial No. 680,676. 1 Claim. (Cl. 292—247.)



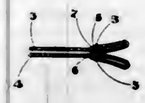
The combination with the free end of a gate having an upwardly extending projection, a gate post adjacent said free end of the gate, of a gate fastener, said fastener comprising a horizontally disposed U-shaped member arching one side of and secured to the gate post and extending towards the free end of the gate, a second U-shaped member having its arms pivoted to the inner sides of the arms of the first mentioned U-shaped member at points spaced from the ends of the arms of the second U-shaped member and a third U-shaped member having its arms pivoted to the inner sides of the ends of the arms of the second U-shaped member and adapted to receive the upwardly extending extension carried by the free end of the gate and to be moved into close and binding engagement therewith when the second U-shaped member is moved over the projection and over the third U-shaped member.

1,570,735. NAILHEAD-SPACING DEVICE. CORNELL FLAGSTAD, Minneapolis, Minn., assignor of one-fourth to Ivar Sivertsen, one-fourth to John P. Jacobsen, and one-fourth to Oscar Flagstad. Filed Aug. 25, 1923. Serial No. 659,362. 6 Claims. (Cl. 85—50.)



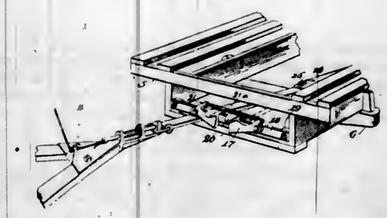
1. A perforated spacing device having integral converging side portions spaced at their near edges to receive a nail inserted in the perforation so that said edges will be forced toward the nail when the latter is driven with its head down against the spacer.

1,570,736. CUFF. ALBERT ADOLPHE FOURNIER, Ottawa, Ontario, Canada. Filed May 4, 1925. Serial No. 27,776. 2 Claims. (Cl. 2—123.)



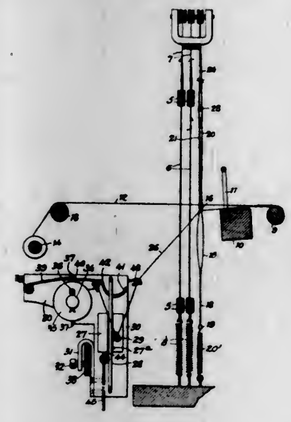
1. In a cuff composed of two thicknesses of material, the respective ends of which are turned in, stitching to retain said turned in ends to said material at a distance from the free ends of said cuff and stitching inwardly of said first mentioned ends to cause a normal spacing apart of said free ends.

1,570,737. HAY-LOADER COUPLER. JOHN FURLER, Williamsburg, Iowa. Filed Dec. 17, 1924. Serial No. 756,528. 2 Claims. (Cl. 280—33.12.)



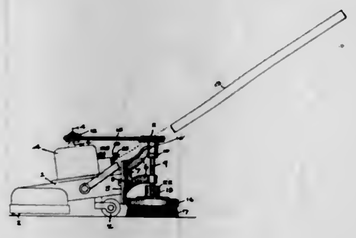
1. A hay-loader coupling, comprising, in combination with a wagon and its rack, a draw-bar pivotally connecting with the wagon and extending to the rear of the rack, brackets attached to the rack at the rear, a connecting cross-bar, and a pair of dogs pivoted to the cross-bar, and adapted to hold the draw-bar between them in a central position.

1,570,738. DOUP. THEODORE J. GARISIO, Allentown, Pa. Filed Apr. 11, 1925. Serial No. 22,351. 10 Claims. (Cl. 139—51.)



1. In a doup, the combination with a thread carrier having an eye; of a metal lifter having a loop at its lower end, the lower end of said loop being bent from the plane of the loop outwardly.

1,570,739. POLISHING ATTACHMENT FOR PORTABLE VACUUM CLEANERS. JOHN RALPH GILLILAND and WILLIAM J. GILLILAND, San Francisco, Calif. Filed Sept. 12, 1922. Serial No. 587,645. 1 Claim. (Cl. 15—49.)

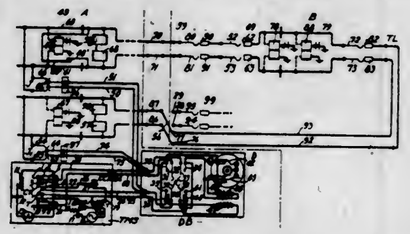


In combination with a vacuum cleaner casing having a motor thereon, of a bracket detachably secured to said casing; a vertical shaft revolubly mounted in said bracket; driving means connecting said shaft and motor; and a brush connected to the lower end of said shaft by means of a universal joint.

1,570,740. COMPOSITION OF MATTER FOR USE IN THE TREATMENT OF FABRICS. ED HAMBLIN, Jr., Woodward, Okla. Filed July 23, 1925. Serial No. 45,720. 2 Claims. (Cl. 134—13.)

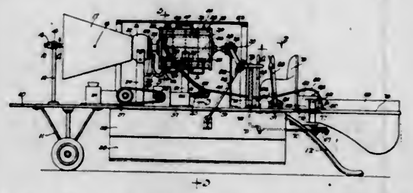
1. A composition of matter for use in the treatment of the rail fabric of pool tables and the like, including a mixture of varnish resin and aluminum resinate with a volatile thinner and another mixture of glue, shellac and banana oil, approximately 86⅔ percent of the first mixture being combined with 13⅓ percent of the second mixture.

1,570,741. TESTING SYSTEM FOR MACHINE-SWITCHING CIRCUITS. WILLIAM H. HARDEN, Brooklyn, and MICHAEL A. GRAEFENECKER, New York, N. Y., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed Aug. 25, 1923. Serial No. 659,307. 24 Claims. (Cl. 179—175.)



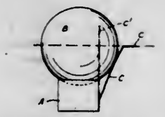
1. Method of establishing a transmission testing circuit which consists in connecting a transmission testing set to separated points in any circuit to be tested and completing a testing loop by controlling automatic selector switches to interconnect the parts of the circuit to which the set is connected and in holding the circuit thus established while the tests are made.

1,570,742. FLYING MACHINE. WINCENTY HOFMAN, South Chicago, Ill. Filed Feb. 6, 1925. Serial No. 7,328. 6 Claims. (Cl. 244—20.)



1. In a flying machine having a platform, a main shaft disposed thereabove, an air turbine rotating said shaft, a drum upon said platform for compressing the air on forward horizontal flight of the machine, hose connection between said drum and said turbine, a crank shaft in operative engagement with said main shaft, wings pivotally mounted upon said platform, and connecting arms between said crank shaft and said wings.

1,570,743. GOLF TEE. FREDERICK BOWYER HOLLIS, London, England. Filed June 6, 1925. Serial No. 35,485. 3 Claims. (Cl. 273—33.)

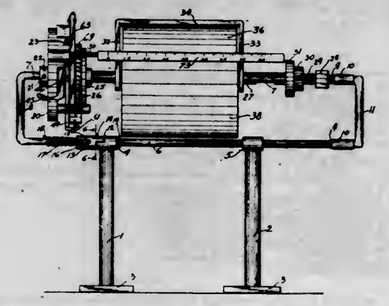


1. A golf tee comprising a collapsible body portion and an eye-spot associated therewith and arranged to be deflected by the placing of the ball on the body portion of the tee into an appropriate position clearly visible to the player.

1,570,744. COPYHOLDER. WALTER A. HOMAN, Denver, Colo. Filed Nov. 25, 1924. Serial No. 752,111. 13 Claims. (Cl. 120—32.)

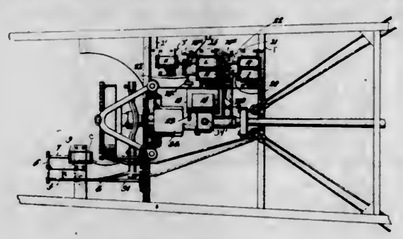
1. A copyholder comprising, in combination, a pair of spaced vertical standards adapted to rest on the top

of a desk, each of said standards having a horizontal bearing near their upper ends, a substantially rectangular frame having one side pivotally mounted in said bear-



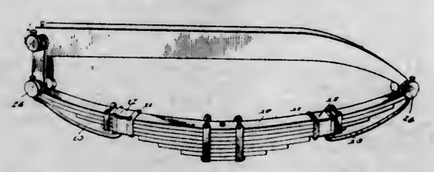
ings, means limiting the amount of rotation of the frame in said bearings to a predetermined amount, and means for rendering said limiting means inoperative.

1,570,745. GEAR-SHIFTING MECHANISM. RAYMOND W. IVINS, Battle Creek, Mich. Filed July 21, 1922. Serial No. 576,542. 2 Claims. (Cl. 74—97.)



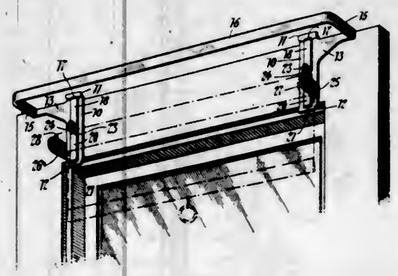
1. In combination, a vehicle, driving means associated with the vehicle including a transmission having a plurality of speeds, solenoids for operation of each speed of transmission, circuits including the solenoid and circuit breakers, at lever for each circuit breaker, a spring associated with each lever normally holding the circuit breaker in an open position, a raceway disposed adjacent the levers, a member movable in the raceway contacting with the levers so as to close the circuit breakers, a governor controlled by the speed of the driving means, and means actuated by the governor for moving the member in the raceway.

1,570,746. SHACKLE-BOLT AND SPRING LUBRICATING MEANS. JAMES MADISON JACKSON, Parkersburg, W. Va. Filed Feb. 7, 1925. Serial No. 7,606. 1 Claim. (Cl. 184—1.)



A spring lubricating device including a spring encircling layer of absorbent material, a confining band surrounding and holding said material in place, a flexible lubricant supply tube connected at one end to the lower portion of said confining band, and a lubricant holder having a threaded nipple at one side adapting the same for connection to a shackle bolt of the spring, and also having a depending nipple to which the other end of said tube is connected.

1,570,747. COMBINATION SHADE AND CURTAIN HOLDER. RALPH JEWETT, Elmora, Pa. Filed Sept. 4, 1924. Serial No. 735,731. 3 Claims. (Cl. 156—24.)



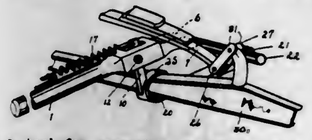
1. A combination drapery and curtain bracket comprising a plate having upper and lower perforated extension, enlargements on said plate carrying outturned arms adapted to be engaged by the hollow ends of a drapery holder, substantially Z-shaped brackets for attaching said plate to varying widths of window frames, means for clamping the brackets in their adjusted positions, and means for carrying a curtain roller.

1,570,748. CANDY-MAKING MACHINERY. JAMES N. KALKANIS, Detroit, Mich. Filed Aug. 7, 1925. Serial No. 48,722. 12 Claims. (Cl. 107—8.)



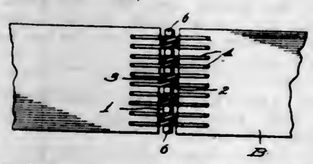
1. In a machine of the class described, a receptacle for molten candy provided with a discharge opening, a rotatably supported mold carrier provided with a series of molds which upon rotation of the carrier are brought into position to receive the discharge of such receptacle and upon further rotation discharge the contents of the molds and a scraper mounted within the receptacle for oscillatory travel therethrough from one side of the discharge opening to the other without traversing the opening.

1,570,749. TOOL FOR REMOVING SHACKLE BOLTS. HUGO F. KELLER, Oneida, N. Y. Filed Sept. 1, 1923. Serial No. 660,530. 5 Claims. (Cl. 29—87.1.)



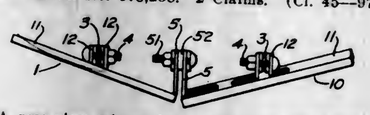
1. In a tool for removing shackle bolts, a lever for elevating a spring, whereby to relieve the strain on the shackle bolt, and yielding means having a member with a shoulder and hook attached to said lever for holding it in position with reference to said spring.

1,570,750. BELT FASTENER. WALTER S. LAKE, Kansas City, Mo. Filed Dec. 1, 1924. Serial No. 753,182. 6 Claims. (Cl. 24—33.)



1. A belt fastener comprising a pivot pin, and a plurality of metallic laces arranged in pairs and pivotally secured to and extending in opposite directions from said pin, the opposed laces of each pair being arranged to apply their pulling strain at diametrically opposite sides of said pin.

1,570,751. REAR-VIEW MIRROR. EARLE A. LANGLEY, Detroit, Mich., assignor to Sees-All Mfg. Co., Seattle, Wash., a Corporation of Washington. Filed Dec. 3, 1923. Serial No. 678,238. 2 Claims. (Cl. 45—97.)



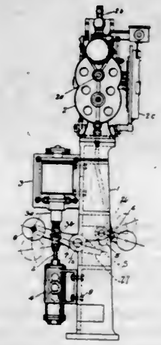
1. A rear-view mirror for automobiles comprising two mirrors, separate supporting frames for each mirror, each frame having at one end a connecting ear and supporting pivot ears located approximately at the middle of the length of the frame, the two connecting ears and each of the supporting ears having its individual clamping pivot member, all of said pivot members being located upon a common axis, whereby separate elevational angular adjustment may be given to the individual mirrors without disturbing their longitudinal angular relation with each other.

1,570,752. COMPOUND FOR ACCELERATING THE VULCANIZATION OF CAOUTCHOUC. VICTOR LEFEBURE and ANTHONY JAMES HAILWOOD, Manchester, England, assignors to British Dyestuffs Corporation Limited, Manchester, Lancashire, England. Filed Oct. 1, 1923. Serial No. 666,031. 4 Claims. (Cl. 260—128.)

4. As a new product a stable molecular compound of one molecular proportion of paranitrosoalkyl-arylamine and two molecular proportions of β-naphthol.

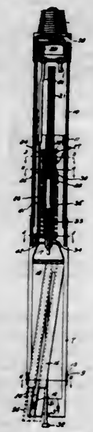
1,570,753. HOIST-CONTROL UNIT. HENRY H. LOGAN, Chicago, Ill. Filed Feb. 9, 1924. Serial No. 691,756. 4 Claims. (Cl. 192—139.)

1. A control unit for a hoisting apparatus including a hydraulically operated brake engine comprising a stand, a controller mounted upon said stand, said controller having a member arranged for synchronism with the hoist drum of the hoisting apparatus, and an electrical switch arranged for operation by said member when moved, a solenoid coil mounted upon said stand and in the electrical circuit controlled by said switch whereby actuation of said switch will occasion the actuation of said solenoid, a plunger for said solenoid, and gravity operated means for normally holding said plunger substantially out of said solenoid, means associated with said controller and



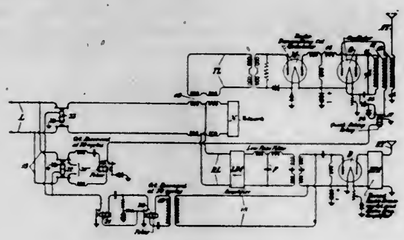
with said gravity operated means for limiting the movement of said plunger out of said solenoid depending upon the instrumentality of said member on said controller, and a valve having a stem connected with said plunger, said valve being arranged for connection with the hydraulically operated brake engine in such a manner as to cause said brake engine to operate when said plunger moves out of said solenoid as when the electrical circuit including said solenoid is broken by said switch.

1,570,754. WELL TOOL. GEORGE B. LOUDERBACK, Compton, Calif. Filed June 24, 1924. Serial No. 722,174. 7 Claims. (Cl. 255—61.)



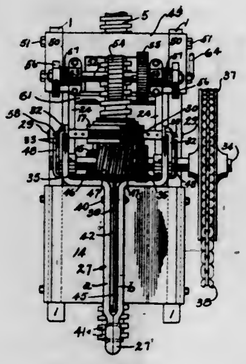
1. A well tool comprising; a tool body; cutting blades adapted for being advanced from said body; longitudinally slidable plunger rods normally projecting from the end of the body, adapted for retraction by the weight of the tool; and mechanism operatively connecting said rod and blades through an interposed cylindrical cam and a ratchet, whereby the blades may be advanced by the reciprocation of the rods.

1,570,755. RADIO RINGING SYSTEM. OWEN H. LOYNES, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Aug. 22, 1923. Serial No. 658,776. 5 Claims. (Cl. 250—9.)



1. In a radio system, a vacuum tube oscillator for supplying radio oscillations, means to apply voice currents to said oscillator to cause said oscillator to modulate the generated radio oscillations in accordance with said voice currents, means responsive to ringing current for intermittently changing the grid to potential of the oscillator to intermittently interrupt the generated radio frequency, and means at a receiving station responsive to the interrupted radio frequency for producing a ringing signal.

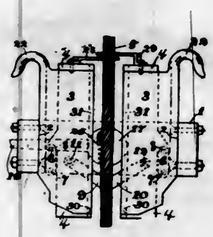
1,570,756. TOOL-FEEDING MEANS FOR DRILLING RIGS. MORTON HOMER MAGIE, Los Angeles, Calif. Filed Feb. 18, 1922. Serial No. 537,412. 26 Claims. (Cl. 255—15.)



1. The combination with a walking beam and a shaft thereon; of reins spaced apart to form a vertical guide and journaled on said shaft; a case fixed to and supported by said reins; a guide block slidably mounted in said reins and provided with lugs adapted to fit the space between said reins; a temper screw fixed to said guide block; and alternative slow and rapid means for raising and lowering said temper screw relative to the case.

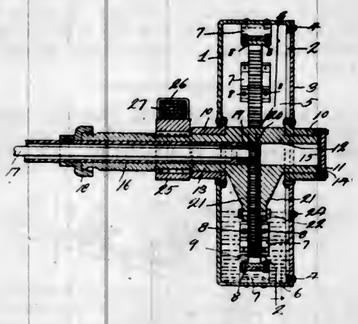
1,570,757. DRILLING-LINE SUPPORT. MORTON HOMER MAGIE, Los Angeles, Calif. Filed Nov. 14, 1921. Serial No. 514,942. 11 Claims. (Cl. 24—136.)

1. A line clamp comprising a frame provided with vertical guides, slips movable in said guides and pivotally connected thereto by rigid links, a toggle joint connected to the slips to draw them together and allow them to descend relative to the guides so that when the slips



engage a line between them while the guides are supported and the line is loaded, downward movement of the slips will cause the same to grip the line more firmly.

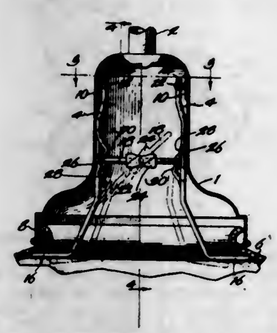
1,570,758. TRACTION WHEEL. JOHN MALZAHN, Westpoint, Nebr. Filed Apr. 26, 1923. Serial No. 634,755. 1 Claim. (Cl. 74—7.)



A tractor wheel comprising a casing having a chamber therein, a member disposed within the casing, the opposite sides of said casing being rotatably mounted on extensions carried by said member, a drive axle extending through one of said extensions, a drive pinion carried by the end of the axle, spaced arms carried by the member within the chamber of the casing, an intermediate gear pivotally mounted between the spaced arms and meshing with the drive pinion, U-shaped members carried by the inner periphery of the casing, an internal gear engaging the inner ends of the U-shaped members, said U-shaped members being wider than the internal gear; oppositely extending lugs carried by the opposite sides of the internal gear and secured to the inner ends of the U-shaped member, said intermediate gear meshing with the internal gear.

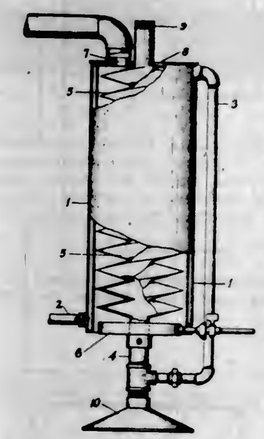
1,570,759. LIGHTING FIXTURE. MYER M. MARKS, Chicago, Ill. Filed Feb. 25, 1925. Serial No. 11,480. 4 Claims. (Cl. 240—133.)

1. A shade holder in the form of a canopy, arms pivotally supported at their upper end near the upper portion of the shade holder, said arms projecting outward at the bottom for underlying the upper rim of the shade when the arms are swung outward, and for releasing the shade when swung inward, and a rotary member mounted on the shade holder for backing up the arms and



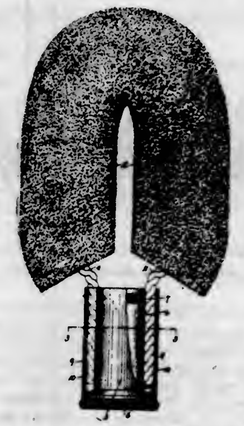
holding them in acting position, said rotary member being located within the shade holder and being rotatable about a horizontal axis.

1,570,760. BOILER. FRANK ALBERT MAEDKE and CARL MICHEL RAITHEL, Portland, Oreg. Filed Mar. 18, 1922. Serial No. 544,741. 1 Claim. (Cl. 122—165.)



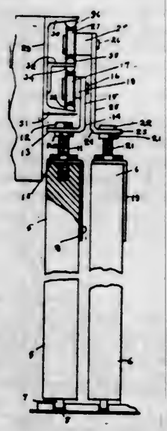
In a gas fired boiler for domestic purposes, a vertical, hollow screw with double V-shaped thread, cast integrally throughout the entire length, an axially disposed supporting pipe at the bottom of said screw and cast integrally with said screw, an axially disposed riser at the top of said screw and cast integrally with said screw, a water jacket enclosing said screw throughout the entire length, a receiving water pipe near the bottom of the water jacket, said receiving water pipe communicating with the interior of the water jacket, a discharging water pipe near the top of the water jacket and on a side opposite to the receiving water pipe, said discharging water pipe communicating with the interior of the water jacket, and a connecting pipe leading from the discharging water pipe downwardly below the bottom of the water jacket to establish communication with the screw and riser through the supporting pipe.

1,570,761. IRRIGATED BRUSH. ANTHONY J. MCCORMACK, New Haven, Conn. Filed Feb. 21, 1925. Serial No. 10,755. 4 Claims. (Cl. 15—128.)



1. The combination with a soft rubber sleeve, of a brush having a loop-shaped frame, having parallel, complementary ends embedded in the outer end of said sleeve at opposite points therein.

1,570,762. DOOR HANGER. FRANCIS H. MCTIGUE, Holyoke, Mass. Filed Nov. 10, 1921, Serial No. 514,367. Renewed Dec. 2, 1925. 6 Claims. (Cl. 16—97.)

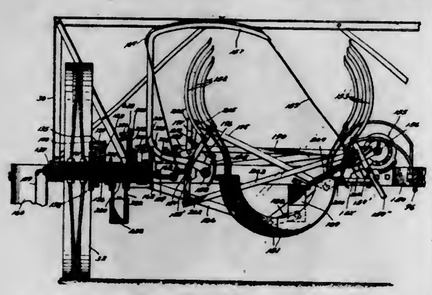


1. A door hanger consisting of a beam providing horizontal tracks one above the other, each track providing a rail confronting the rail of the other track, a grooved wheel arranged to engage one of the rails and confront the other rail, a hanger, a shaft secured to said hanger on which the wheel is journaled and means for securing said hanger to a door.

1,570,763. METALLIC COMPOSITION AND METHOD OF MAKING THE SAME. ADOLPH MILLER, Kirkwood, Mo. Filed July 19, 1924. Serial No. 726,940. 7 Claims. (Cl. 75—1.)

1. A metallic composition composed of about 90 per cent lead and about 10 per cent mercury.

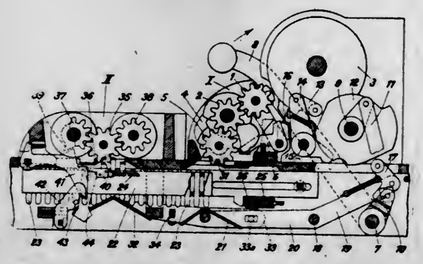
1,570,764. AUTOMATIC SHOCKING MACHINE. HENRY J. MILLER, Kansas City, Mo. Filed June 25, 1923. Serial No. 647,627. 21 Claims. (Cl. 56—409.)



1. An automatic shocking machine provided with supporting wheels and comprising, in combination, shock-forming mechanism mounted for rotative movement about the axis of said wheels, means for feeding bundles to said mechanism, means actuated by the movement of the machine for driving said mechanism and oscillating the same to discharge the shock, and means engaged and actuated by the bundles as fed to said mechanism for setting said driving means in operation for every predetermined number of bundles delivered by said feeding means.

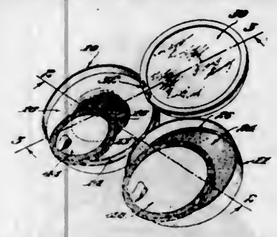
15. An automatic shocking machine provided with supporting wheels and comprising a frame movable about the axis of said supporting wheels, shock-forming and shock tying mechanism carried by said frame, a drive shaft connected axially for intermittent operation from one of said supporting wheels, a shaft carried by said frame and geared to said drive shaft for operating said shock-forming and shock-tying mechanism, and means for intermittently locking said shafts against relative movement for causing said drive shaft to lift said frame into shock-discharging position.

1,570,765. CALCULATING MACHINE PROVIDED WITH TWO COUNTERS. MAX MÜLLER, Rastatt, Germany, assignor to Thaleswerk m. b. H., Rastatt, Baden, Germany, a German Company. Filed May 22, 1923. Serial No. 32,157. 4 Claims. (Cl. 235—73.)



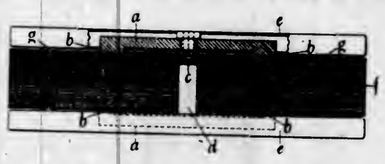
2. Counting machine for addition and multiplication permitting adjustment of the numbers to be transferred in gears with displaceable teeth, and having two laterally adjustable counter mechanisms, a driving crank, a transverse bar, transfer gears and locking anchors, said driving crank (8) being so connected with the transverse bar (16) that upon movement of the driving crank the transverse bar is locked, whereby said transverse bar depresses the locking anchors (4) of the transfer gears for the counter mechanism in holding position, said gears again being released upon return of the driving crank.

1,570,766. TOILET APPARATUS. JOHN H. MURPHY, Lowell, Mass. Filed Sept. 5, 1922. Serial No. 586,065. 4 Claims. (Cl. 132—83.)



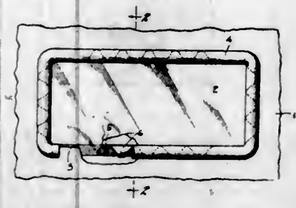
1. A toilet receptacle comprising two members hinged together and each adapted to contain powder or similar toilet ingredients, and a mirror hinged to one of the members at a point offset from the hinged connection between the members to swing at an angle to the swing of the other of said members and to be thrown back substantially in the plane of the members when the receptacle is open and to be closed over the toilet ingredient in the member to which it is hinged.

1,570,767. LOOSE-LEAF BOOK OR BINDER. JOHN WILLIAM MYATT, Tipton, England, assignor to Ledgers Limited, Tipton, England. Filed May 29, 1925. Serial No. 33,787. 3 Claims. (Cl. 129—13.)



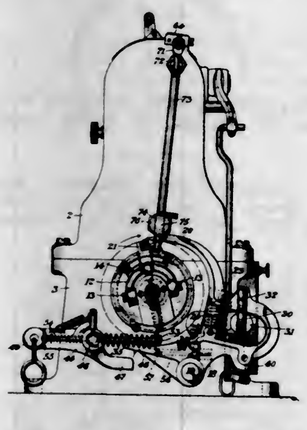
2. In loose leaf books or binders the combination comprising a pair of clamping bars each provided with leaf gripping projections located on opposite sides of the centres of the bars, and a centrally arranged single binding screw connecting the bars, substantially as described.

1,570,768. CURTAIN WINDOW. EDWIN B. NATHAN, Mount Vernon, and FRANK NATHAN, New York, N. Y. Filed Oct. 12, 1923. Serial No. 668,088. 1 Claim. (Cl. 296—145.)



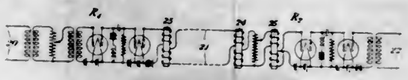
In combination, a window and front and rear securing frames adapted to retain the window in a closure opening, prongs integral with the inner edges of the front frame and disposed to lie thereagainst, said front frame and prongs being bent convexly outward, the extremities of said prongs being offset at substantially right angles with respect to the frame at the outer edges and adapted to serve as a puncturing means to be forced through the material forming the closure, said end prongs engaging over the outer edge of the rear frame for retaining the window against the outer and inner rim edges of the convexly shaped front frame.

1,570,769. STOP MECHANISM FOR SEWING MACHINES. GEORGE W. NELSON, Cleveland, Ohio, assignor to The Standard Sewing Machine Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 17, 1919. Serial No. 297,857. 5 Claims. (Cl. 192—144.)



1. In a stop motion, the combination with a driven shaft, of a driving clutch member loose thereon having a recess in one end, a split clutch ring within said recess, a connector pivotally connected with the shaft for rotation therewith and having a wedge member projecting between the adjacent ends of the clutch ring, means yieldingly holding said connector in position with its wedge member expanding the clutch ring into engagement with the driving clutch member, and a controller cam automatically movable to a position in the path of rotation of the connector for shifting the latter to release the clutch at a predetermined time in the operation of the machine.

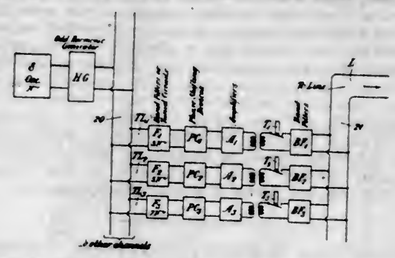
1,570,770. MEANS FOR AND METHOD OF REDUCING INTERFERENCE. HARRY NYQUIST, Elmhurst, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Mar. 20, 1922. Serial No. 545,295. 12 Claims. (Cl. 178—44.)



1. In a multiplex system in which a plurality of carrier frequencies are simultaneously transmitted through successive repeaters in a transmission line, the method of eliminating second harmonics and sum and difference frequencies produced by the distortion of the repeaters, which consists in impressing the several carrier frequencies on successive repeaters in opposite phase relation.

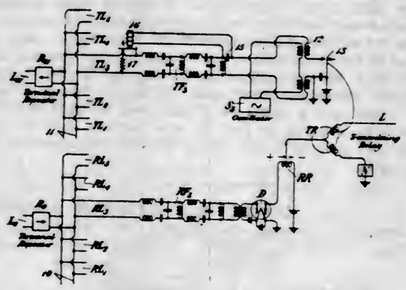
1,570,771. MEANS FOR AND METHOD OF REDUCING INTERFERENCE. HARRY NYQUIST, Elmhurst, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Mar. 20, 1922. Serial No. 545,296. 22 Claims. (Cl. 178—51.)

1. In a multiplex signaling system employing different carrier frequencies for a plurality of channels, the method of reducing interference between the channels due to interaction between frequencies of different channels, which consists in generating carrier frequencies for the various channels so related to each other that the



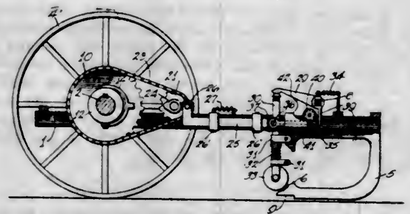
second harmonics of the carrier frequencies will fall substantially midway between two adjacent carrier frequencies.

1,570,772. REDUCTION OF DISTORTION IN MULTIPLEX REPEATERS. HARRY NYQUIST, Elmhurst, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Mar. 20, 1922. Serial No. 545,298. 10 Claims. (Cl. 178—44.)



1. In a multiplex signaling system in which a plurality of frequencies from a plurality of channels may be transmitted over a circuit including a common repeater, the method of overcoming the effects of crowding of the channels in the repeater when more than one frequency is transmitted at the same time, which consists in increasing the transmission of the circuit for the frequencies of the other channels when a given channel is transmitting.

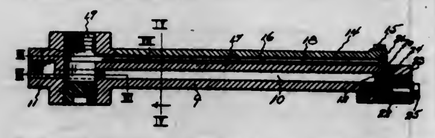
1,570,773. SPOT MARKER FOR CORN PLANTERS. JOSEPH PAUL OESCHGER, Chicago, and EDWIN STANTON JONES, Princeville, Ill. Filed Mar. 8, 1924. Serial No. 697,881. 2 Claims. (Cl. 111—80.)



1. A corn planter of the type described comprising a chassis having wheels, a slidable member mounted on said chassis, means associated with the wheels of said chassis for reciprocating said slidable member longitudinally as the wheels turn, a checker bar mounted for

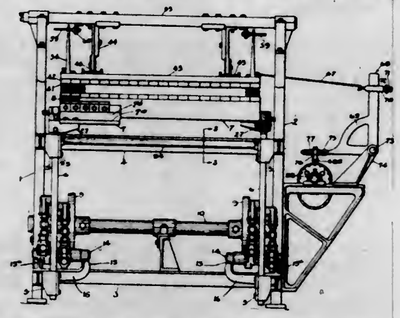
oscillation on said chassis, an arm carried by said checker bar, a vertically movable normally elevated supporting member disposed with its upper end in engagement with said arm, a scarring member disposed at the lower end of said supporting member, a radially extending member carried by said checker bar, a pivotally mounted spring retained push rod carried by said slidable member and arranged to engage with said radially extending member, a cam carried by said push rod, and a roller for engaging with said cam when said push rod is moved toward said radially extending member, whereby the push rod is moved out of engagement with the radially extending member when the slidable member bearing the push rod has moved a predetermined distance.

1,570,774. OIL BURNER. LOUIS OLSON, Enumclaw, Wash. Filed Mar. 11, 1925. Serial No. 14,632. 3 Claims. (Cl. 158—78.)



3. An oil burner comprising a block having a pressure fluid supply inlet and an oil supply inlet, separate passages formed within said block continuing from each of said inlets to outlets formed by said block, said oil passage overlying said pressure fluid supply passage and having a plurality of concave grooves in the bottom thereof extending from said oil supply inlet to said oil outlet and a baffle plate supported by said block in operative relation to both of said outlets, said oil passage and grooves being angled downwardly adjacent the oil outlet.

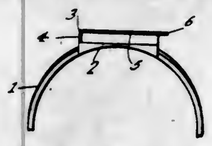
1,570,775. DOUBLE-RIB-KNITTING MACHINE. JOSEPH S. PECKER, Philadelphia, Pa. Filed Mar. 30, 1922. Serial No. 548,037. 12 Claims. (Cl. 66—33.)



1. A knitting machine including a frame having vertical guideways, vertically reciprocating staffs operating in the vertical guideways of the frame and located at the opposite ends of the latter and extending upwardly from the bottom of said frame, a needle bar carried by the said staffs, rocking levers located at the ends of the frame at the bottom thereof and extending beneath and connecting with the lower ends of the staffs, and means for actuating the levers.

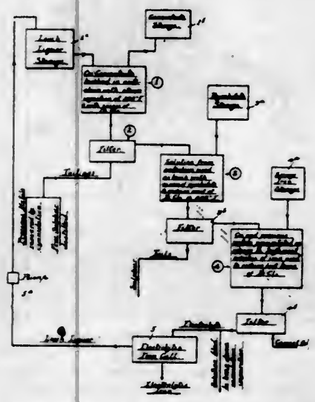
1,570,776. FINGER RING. HENRY W. PETERS, Boston, Mass. Filed Aug. 28, 1924. Serial No. 734,707. 2 Claims. (Cl. 63—29.)

2. An article of jewelry including a base, a holding device integral therewith having an open face and a second face, a separate member, said second face having means for the insertion of said member for exposure through the first named face, said first named face having means for preventing removal of said member there-



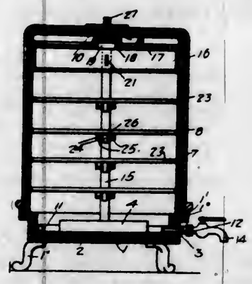
through, and means movable to position across said second face for retaining the member against withdrawal.

1,570,777. PROCESS FOR TREATING SULPHIDE ORES. ROBERT D. PIKE, San Francisco, Calif. Filed June 13, 1923. Serial No. 645,167. 14 Claims. (Cl. 75—18.)



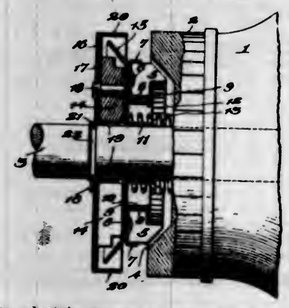
1. The method of treating ores containing sulphides of metals for decomposition of the contained sulphides which resides in subjecting the ores or concentrates to the action of a solution containing ferric chloride or ferric sulphate at a temperature equal to or above the melting point of sulphur.

1,570,778. PORTABLE ELECTRIC STOVE. THOMAS MERRITT PUTNAM, Toronto, Ontario, Canada. Filed Dec. 6, 1924. Serial No. 754,329. 9 Claims. (Cl. 219—35.)



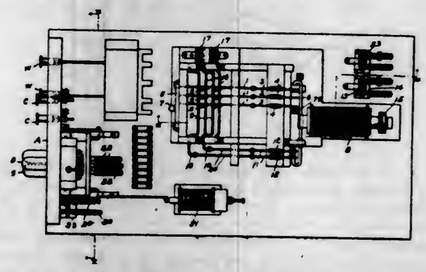
3. In a portable electric stove, the combination with a dished base member, and an electric element carried centrally in the dished base member and a dome supported by the base member to form a cooking chamber, of a water heating chamber located in the upper portion of the cooking chamber, a supporting stand comprising a tubular standard member communicating with the interior of the water heating chamber at its upper end, a circular base member with which the lower end of the standard communicates, provided with a tubular branch extending ontward through the base, and a tap for such branch.

1,570,779. SHORT-CIRCUITING DEVICE FOR ALTERNATING-CURRENT MOTORS. HERMAN G. REIBEL and VIRGIL P. SPARKS, Warren, Ohio, assignors to The Peerless Electric Company, Warren, Ohio, a Corporation of Ohio. Filed Apr. 14, 1924. Serial No. 706,468. 8 Claims. (Cl. 172—279.)



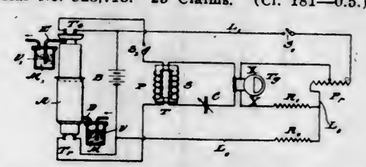
1. In an electric motor, a commutator, a shaft therefor, a short circuiting ring, a disk-like support for the ring slidable on the shaft and having tongues struck out against the ring to support the same, and a governor for sliding the support, said governor consisting of a plurality of radially movable members and the support having a beveled peripheral flange against which said members engage.

1,570,780. PIPE-ORGAN STRUCTURE. LEVI M. RINKER, Pittsburgh, Pa. Filed Dec. 21, 1922. Serial No. 608,365. 8 Claims. (Cl. 64—337.)



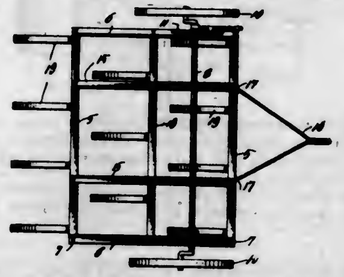
7. In mechanism for controlling the operation of the stops of a pipe organ, the combination of a plurality of stop members, a plurality of combination buttons, a plurality of longitudinally shiftable and laterally swinging push rods corresponding to the aggregate number of stop members and combination buttons, a rod for each, a rod extending transversely of and movable in the direction of the length of said push-rods and adapted to engage and shift longitudinally said push rods, an electro-magnet for each push rod, the arrangement of push rods being such that the push rods associated with the stop members are drawn by their electro-magnets when energized out of the pathway of the swinging transverse rod and the push rods associated with the combination buttons are drawn by their electro-magnets when energized into said pathway, an electro-magnet for said transverse rod, means for selectively energising the electro-magnets controlling the swing of push rods associated with the stop members, means for effecting the automatically sequent energizing first of electromagnets controlling swing of the push rods associated with the combination buttons, and then of the electromagnet controlling transverse rod swing, and means for moving the stop-members according to the antecedent selective swinging of the push rods associated therewith.

1,570,781. TESTING APPARATUS AND METHOD. SAMUEL RUBEN, New York, N. Y. Filed Dec. 20, 1921. Serial No. 523,713. 25 Claims. (Cl. 181—0.5.)



8. Apparatus for testing gaseous fluid comprising in combination, a microphone device such as a telephone receiver serving as a source of sound waves, an adjustable resonator chamber adapted and arranged to receive and transmit sound waves emitted thereby, said chamber having provision for passing a gaseous fluid therethrough, a second microphone device such as a telephone transmitter adapted and arranged to be actuated by such transmitted waves, a circuit including said second microphone device and also a source of current supply, an oscillatory circuit energized by the first mentioned circuit, and indicating means controlled by flow of current in said oscillatory circuit.

1,570,782. ROW WEEDER. EDWARD A. SCHEVING, Hensel, N. Dak. Filed Mar. 27, 1923. Serial No. 628,161. 2 Claims. (Cl. 97—165.)

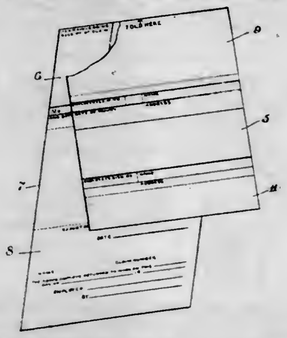


1. In a weeder, a frame composed of rigidly connected front and rear and side members, earth working teeth secured to the front and rear members, and a pair of longitudinal spaced angle irons rigidly secured on the front and rear frame members and having vertical flanges extending forwardly and inwardly from the front frame member, said extended flanges terminating in contiguous outer ends adapted for connection with draft means.

1,570,783. MANIFOLD RECORDING AND MAILING DEVICE. CHARLES D. SCHIFFLER, Columbus, Ohio. Filed June 2, 1923. Serial No. 643,000. 2 Claims. (Cl. 282—12.)

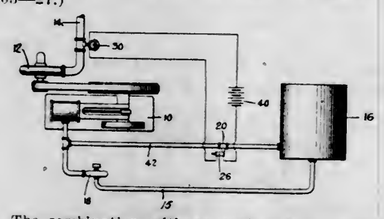
1. A manifold recording and mailing device consisting of a strip divided by transverse lines to form a record card and a plurality of mailing cards of substantially equal depth and a registering card of less depth than said record and mailing cards, said registering card occurring between the record card ond the plurality of mailing cards and adapted to project the record card

to lie over some of the mailing cards when the strip is folded at the junction of the registering card with the mailing cards whereby data may, with the aid of a duplicating paper interposed between the record and said mailing cards, be imprinted upon said record card



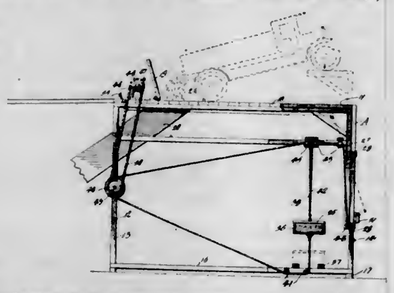
and one side of said mailing cards in one passage of the strip through a type writing machine, the terminal mailing card of said strip being reversely foldable to imprint, with the aid of a duplicating sheet, data upon it and the opposite side of one of said mailing cards.

1,570,784. AUTOMATIC ENGINE CUT-OFF. GEORGE C. SCHMIDT, Houston, Tex., assignor to The Texas Company, New York, N. Y., a Corporation of Texas. Filed Nov. 23, 1923. Serial No. 676,548. 5 Claims. (Cl. 103—27.)



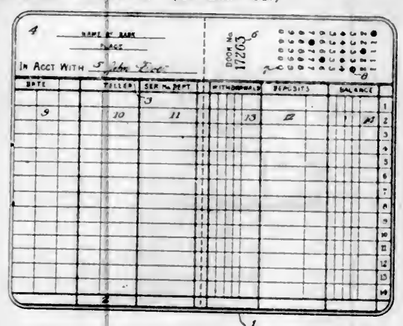
1. The combination with an engine, a pump operated thereby and adapted to pump liquids through a pipe-line, a fuel supply tank and a fuel pump, of automatically operated means for diverting the flow of fuel from the engine to stop it from running when the pressure present in the pipe-line exceeds a predetermined high or low point.

1,570,785. AUTOMATIC TRUCK DUMP. FRED E. SCHNEIDER, Hitchcock, Okla. Filed May 10, 1924. Serial No. 712,378. 3 Claims. (Cl. 214—46.5.)



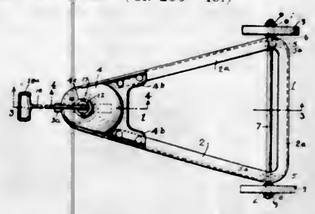
3. In a vehicle dumping device, a main platform upon which the vehicle to be dumped is adapted to be driven, a lift including a platform adapted to be arranged at one end of the main platform for receiving the front wheels of the vehicle to be dumped, and a movable counter-balancing weight, a pull cable having its terminals connected respectively to the upper and lower ends of the counter-balance, a second pull cable connecting the counter-balance to the lift for normally tending to raise the lift, a winding drum, the first-mentioned cable being trained about the winding drum, and means for operating the winding drum from the main platform.

1,570,786. BANK PASS BOOK. SAMUEL T. SCHOFIELD, Washington, D. C. Filed Mar. 29, 1924. Serial No. 702,904. 5 Claims. (Cl. 283—58.)



1. A bank pass book having at least one of its cover sections provided with means adapted to co-act with suitable type elements whereby type may be selected for printing indicia for identifying the particular book.

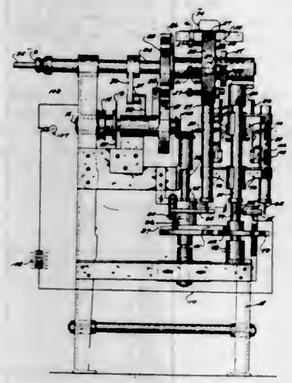
1,570,787. TRUCK. ANTHONY SCHROEDER, Cleveland, Ohio, assignor of one-half to James Merle Finney, Cleveland, Ohio. Filed May 5, 1922. Serial No. 558,628. 2 Claims. (Cl. 280—49.)



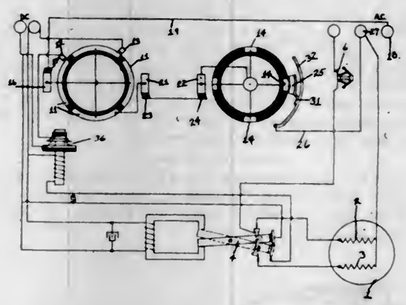
1. In a vehicle, the combination of a frame mounted on wheels, one of said wheels having a stem rotatably fitting an opening formed in the frame, whereby the wheel may be steered, said stem being formed with a slot extending inwardly from its free end and provided with spaced stop devices at the bottom of said slot and adjacent its opposite sides, a rod extending across said slot near its upper end, and a tong having at its inner end an elongated loop slidably fitting within the walls of the slot and pivotally and slidably mounted on said rod, said rod being disposed transversely of the vertical plane including said stop devices, whereby the positioning of the tong vertically and its movement downwardly into engagement with said stop devices will permit said devices and permit said devices and rod to lock the tong against pivotal movement.

1,570,788. SEALING MACHINE. JULIUS A. SCHWANTES, Milwaukee, Wis., assignor, by mesne assignments, to The Palmolive Company, a Corporation of Delaware. Filed July 25, 1923. Serial No. 653,692. 4 Claims. (Cl. 216—55.)

1. A sealing machine, comprising a revoluble member including a plurality of tubular seal containers, a rotary member for transferring the seals individually from said containers to packages, and means for causing the seals to adhere to packages, said rotary member being provided with a plurality of movable members operated by pinion and rack means for removing the seals from the containers and discharging the seals upon said packages.

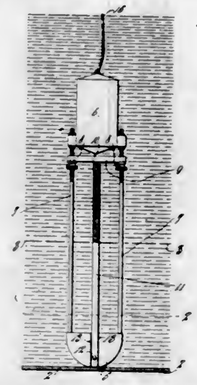


1,570,789. ALTERNATING-CURRENT RECTIFIER. HERMAN A. SEIFKE, San Francisco, Calif., assignor of twenty-two and one-half one-hundredths to Morris Edelman, twenty-five one-hundredths to Steve A. Beagle, and twenty-two and one-half one-hundredths to Max Lewis, all of San Francisco, Calif. Filed Jan. 3, 1923. Serial No. 610,500. 2 Claims. (Cl. 175—364.)



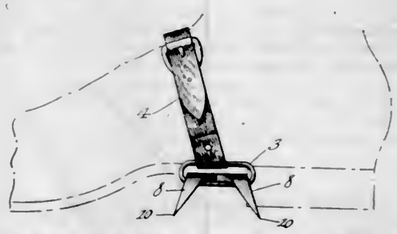
1. In a rotary rectifier, the combination with a synchronous motor and a direct current commutator associated therewith for rotation in synchronism with an alternating current supply and having a direct connection to one side of an alternating current line connected to said supply, of an independent alternating current commutator mounted for rotation therewith, said commutator having a plurality of relatively narrow segments corresponding the the poles of the motor, and electrically connected with alternate segments upon the first mentioned commutator; and a relatively long brush mounted in association with said alternating current commutator to make connection thereto from the other side of the alternating current supply line during portions of each rotation to direct current during a portion of each alternating cycle to the direct current commutator, said brush being adjustable to interrupt the alternating current supply independently of the direct current supply independentlyy of the direct current commutator and its connections.

1,570,790. GAUGE FOR OIL TANKS. HENRY RODIN SMITH, Prince Rupert, British Columbia, Canada. Filed Sept. 20, 1923. Serial No. 663,868. 6 Claims. (Cl. 73—120.)



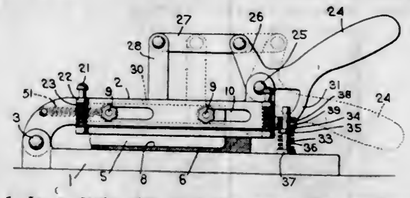
1. A device for the purpose specified comprising in combination a sinker, buoyant means, means spacedly connecting the sinker and buoyant means, a gauge strip extending between the sinker and buoyant means but clear of contact with the connecting means, which strip is coated with a material on which the water and oil have distinctively different actions, and means for lowering the sinker to the bottom of a tank.

1,570,791. ICE CREEPER. GEORGE SOLARZ, Gallitzin, Pa. Filed July 23, 1925. Serial No. 45,672. 2 Claims. (Cl. 36—63.)



1. A device of the class described comprising a body provided at its ends with depending anti-slipping members, riders adjustable longitudinally of the body, and shoe-engaging means connecting the riders, the riders being adjustable downwardly on the anti-slipping members, the lateral edges of said members diverging downwardly to enhance the hold of said members on the ground and to prevent the riders from becoming detached.

1,570,792. MEAT TENDERER. JOSEPH P. SPANG, Quincy, Mass. Filed Apr. 25, 1925. Serial No. 25,898. 6 Claims. (Cl. 17—25.)



1. In a device for tendering meat, the combination with a bed, of a knife-carrier movable toward and from the bed, cuting knives carried by said knife-carrier, and means to give the knives a movement independently of that of the knife carrier.

1,570,793. COMBINATION WINDOW AND VENTILATOR. HALVER R. STRAIGHT, Adel, Iowa. Filed Nov. 3, 1921. Serial No. 512,674. 4 Claims. (Cl. 98—31.)



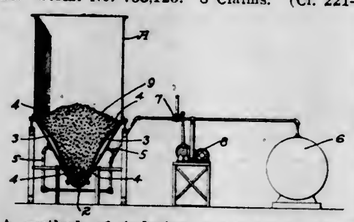
1. A ventilating device comprising a frame having a window opening, an air conductor in communication with the window opening and also in communication with the interior of the building, a window sash adapted to be placed either in the window opening or moved to an inclined position within the said conductor, said sash being adapted to be moved longitudinally while in the inclined plane to increase or decrease the opening between the conductor and the interior of the room, and means for locking said sash in any of its adjusted positions.

1,570,794. PROCESS OF BONDING NEW CONCRETE FORMATIONS TO OLD CONCRETE FORMATIONS. ROBERT C. STUBBS, Dallas, Tex. Filed Feb. 20, 1922. Serial No. 538,089. 2 Claims. (Cl. 94—24.)



1. The herein described process of eliminating shrinkage from a layer of new concrete when applied to the surface of old concrete which consists in applying pressure and vibrations to the surface of the new layer for driving material from the new layer down into the pores of the old concrete to form a bond of the new and old concrete.

1,570,795. STORAGE BIN OR HOPPER. URLYN C. TAINTON, Johannesburg, South Africa. Filed Aug. 20, 1924. Serial No. 733,123. 8 Claims. (Cl. 221—120.)



1. A method of inducing movement in a mass of granular or pulverulent material which consists in depositing the material on a resilient support disposed on an incline, and imparting a relatively small movement to the resilient support in a direction away from the material.

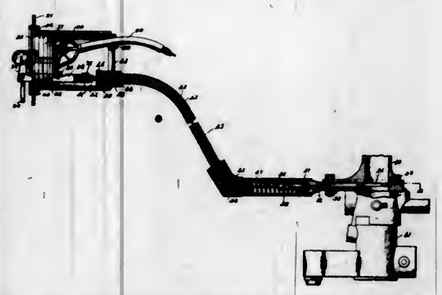
4. In a hopper of the character described, an inclined bottom section, a resilient member carried by the bottom section and forming a support for material deposited in the hopper, and means for imparting a pulsating movement to said resilient member.

1,570,796. PICKER STICK. JAMES B. TATEM, Putnam, Conn., assignor of one-half to The American Tube & Stamping Company, Bridgeport, Conn., a Corporation of Connecticut. Filed June 19, 1924. Serial No. 720,957. 9 Claims. (Cl. 139—157.)



6. A picker stick having a metal section and a wooden section with its lower end fitting within the upper end of the metal section, a wedge between the sections provided with teeth engaging the wooden section and arranged to permit the wedge to creep into closer wedging position and to hold it against creeping out of wedging position, means for clamping the sections together, and a lug strap connected to the wedge and adapted to urge the same into closer wedging position.

1,570,797. AUTOMOBILE LOCKING DEVICE. J. CLARENCE THOMAS and CHARLES C. STAITI, Houston, Tex. Filed Apr. 17, 1923. Serial No. 632,729. 7 Claims. (Cl. 70—127.)



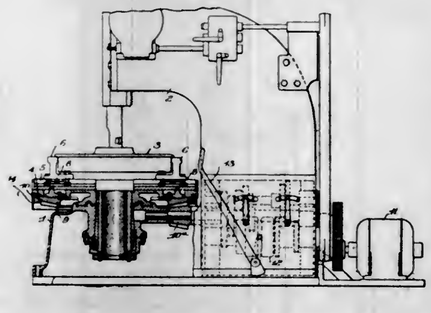
2. In a locking device for automobiles, a lock casing, a cover for said casing, operating means within said casing for controlling the fuel supply and electrical circuits, locking means for normally locking said operating means, locking means for locking said cover to said casing, and control means for operating either of said locking means independently of the other.

1,570,798. IDENTIFICATION-CARD AND REGISTRATION-TAG HOLDER FOR MOTOR VEHICLES. LAWRENCE T. THORN, Harrisburg, Ark. Filed Feb. 19, 1924. Serial No. 693,812. 3 Claims. (Cl. 40—125.)



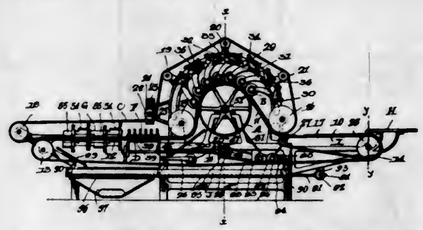
1. In an identification card and registration tag holder for vehicles, a pair of interlocked cooperating plate members between which the identification card is to be disposed, the foremost plate having openings formed therein for displaying the wording on the card, said last mentioned plate member being formed in the upper central portion with an outwardly projecting projected portion forming a pocket in front of the identification card, and a registration tag mounted in said projecting portion and retained in the pocket by the registration card, said plate member having the projection formed with a display opening to exhibit said registration tag.

1,570,799. WORK-CLAMPING MECHANISM FOR VERTICAL BORING AND TURNING MILLS. ALFRED TROSCH, Rochester, N. Y., and GEORGE W. MORETON, Wilmington, Del., assignors to Consolidated Machine Tool Corporation of America, Rochester, N. Y., a Corporation of Delaware. Filed Mar. 29, 1924. Serial No. 702,936. 2 Claims. (Cl. 77—4.)



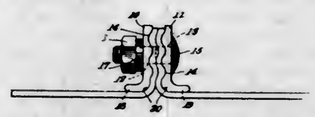
1. In a vertical boring and turning mill, the combination with a table and a series of work gripping jaws radially movable thereon, of a rotary driving member operatively connected with the jaws to effect such radial movement and movable independently of the table, a reversing clutch for reversing the driving member, and a friction band cooperating with the table and operable to hold the latter against movement during reverse movement of the driving member to effect releasing of the jaws.

1,570,800. APPARATUS FOR DESEEDING FLAX. FREDERIC LANGTRY VAN ALLEN, Goderich, Ontario, Canada. Filed Aug. 2, 1921. Serial No. 489,886. 18 Claims. (Cl. 130—13.)



1. Apparatus of the character described comprising flax deseeding, hammering and heating means arranged to act on the flax in the order named and conveyor means serving to support the flax in horizontal position while presenting same to the successive action of the aforesaid means.

1,570,801. BELT CLAMP. EDWIN VOLLRATH, Easton, Pa., assignor to Victor Balata & Textile Belting Co., New York, N. Y., a Corporation of Pennsylvania. Filed Nov. 6, 1924. Serial No. 748,122. 1 Claim. (Cl. 24—37.)

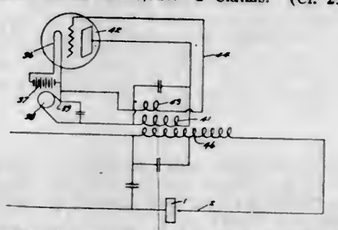


In a belt clamp the combination of the following elements; rigid clamping members provided with corrugated inner faces and outwardly extending rectangular flanges having curved inner faces; and means adapted to lock belt ends and the clamping members together comprising bolts adapted to be passed through apertures in the said belt ends and in the said clamping members, lock washers on the said bolts, and nuts adapted to hold the said lock washers in close engagement with the said clamping members.

1,570,802. MEANS FOR PREVENTING ADHERENCE OF CAST METAL TO THE MOLD. FOORD VON BICHOWSKY, Glendale, Calif. Filed Apr. 22, 1924. Serial No. 708,312. 4 Claims. (Cl. 22—189.)

1. A coating compound for molds of the character described comprising a substance containing an appreciable quantity of combined nitrogen in the form of a nitride of a member of the carbon group of elements.

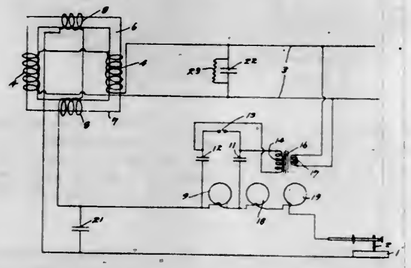
1,570,803. METHOD FOR STARTING AN ARC IN A WELDING APPARATUS AND THE LIKE. FLETCHER L. WALKER, Jr., Westwood, Calif. Filed Feb. 9, 1925. Serial No. 8,013. 2 Claims. (Cl. 219—8.)



1. An electric circuit made for heavy current flow and having a low voltage source of energy and spaced electrodes therein and means for superimposing a high

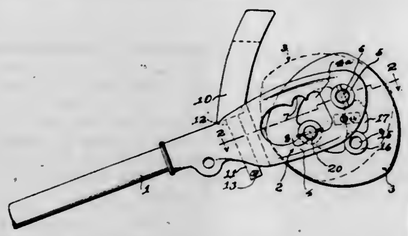
voltage of high frequency on the circuit made for causing a small current to bridge the space between the electrodes for starting heavy current from the low voltage coil.

1,570,804. ARC-WELDING SYSTEM. FLETCHER L. WALKER, Jr., Westwood, Calif. Filed Feb. 9, 1925. Serial No. 8,014. 3 Claims. (Cl. 219—8.)



2. An electric circuit made for heavy current flow and having a low voltage source of energy and spaced electrodes therein and means for superimposing a high voltage of high frequency on the circuit made for causing a small current to bridge the space between the electrodes for starting heavy current from the low voltage source, the said means comprising a coil in the circuit, a spark gap in shunt with the coil, condensers interposed between the spark gap and the coil and means for alternately charging the condensers and allowing the same to discharge across the spark gap the coil having turns of wire in series therewith for stepping up the voltage in the first mentioned circuit.

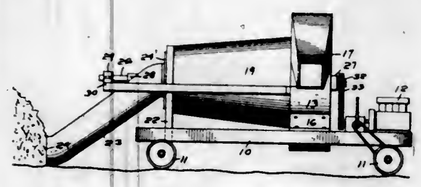
1,570,805. TROLLEY WHEEL. GEORGE WALLET, Milwaukee, Wis. Filed July 9, 1925. Serial No. 42,483. 4 Claims. (Cl. 191—59.1.)



1. In a device of the class described in combination, a trolley fork, a trolley wheel pivoted off center in said trolley fork, stops in said fork for limiting the arc of swing of said wheel, perforations in said wheel, a web having a hole therein between two of the said perforations and a tension spring passing through the said hole having the ends fastened to the said fork for returning the said wheel to its first position.

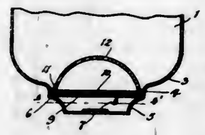
1,570,806. MACHINE FOR HANDLING SNOW OR THE LIKE. CLAUDE LESTER WALLING, Sherburne, N. Y. Filed Sept. 3, 1925. Serial No. 54,295. 5 Claims. (Cl. 37—41.)

1. A machine for handling snow or the like, comprising a fan casing, a tapered drum having its large end leading into one end of the fan casing, substantially horizontal conveying blades disposed in a circular group within the tapered drum to act upon the snow therein and throw the same outwardly by centrifugal force,



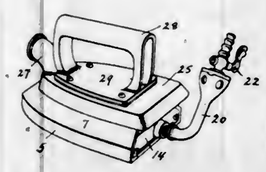
a rotary fan within the fan casing, means to rotate the conveyor blades and fan, and an outlet for the fan casing.

1,570,807. LEACHER. JAMES A. WATSON, Winnipeg, Manitoba, Canada, assignor to James A. Watson and George A. Powell, both of Winnipeg, Canada. Filed Apr. 28, 1925. Serial No. 26,471. 5 Claims. (Cl. 53—3.)



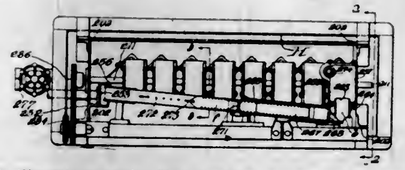
1. A leacher comprising a liquid receiving receptacle provided with a removable cover and having the bottom thereof contracted to provide an internal seat and a well beneath the seat, the well being provided with a restricted outlet opening, a strainer resting on the seat, a filtering member covering the strainer and a releasable ring frictionally holding the filtering member and strainer in position against the sent.

1,570,808. GAS IRON. HARRY WEINTRAUB, New York, N. Y. Filed May 19, 1925. Serial No. 31,404. 3 Claims. (Cl. 158—23.1.)



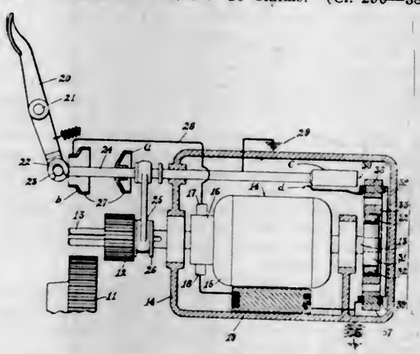
3. A gas iron of the class described comprising a hollow body open at one end, a ribbed heating surface on the bottom and interior of said body, a flat plate having an integral end wall formed therewith extending within said body in proximity to the ribbed surface and closing said open end, a pipe connection including means for regulating a mixture of air and gaseous fuel discharging within said body and beneath the plate, a cover plate having an exhaust nozzle at its front end in communication with the interior of said body whereby the incomplete products of combustion are discharged, an insulating pad between the top of said body and cover plate, a hollow handle attached to the cover plate and an insulating pad between the said handle and cover plate.

1,570,809. TREATMENT OF CINEMATOGRAPHIC FILMS. WILLIAM BURTON WESCOTT, Wellesley, Mass., assignor, by mesne assignments to Technicolor Motion Picture Corporation, Boston, Mass., a Corporation of Maine. Original application filed Dec. 7, 1917, Serial No. 205,999. Divided and this application filed Apr. 25, 1922. Serial No. 556,535. 25 Claims. (Cl. 95—7.)



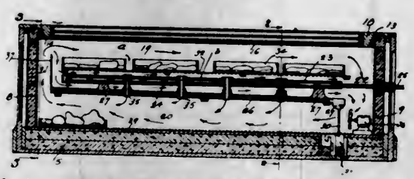
1. Cinematographic film treating apparatus comprising an elongate tubular container having a transverse dimension slightly greater than the width of the film and constructed to contain liquid, and means for continuously feeding a cinematographic film in the container at one point, thence through the container, and thence out of the container at a widely separated point along its length.

1,570,810. ELECTRIC SELF-STARTER FOR INTERNAL-COMBUSTION ENGINES. RALPH H. WHISLER, Halfway, Mich., assignor to Essex Motors, Detroit, Mich., a Corporation of Michigan. Filed June 13, 1921. Serial No. 477,084. 10 Claims. (Cl. 290—38.)



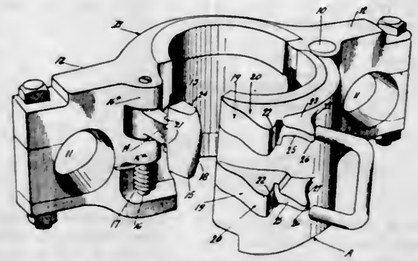
1. In combination with an electric self-starter motor, a gear, a pinion, pedal-operated means for causing the pinion to engage the gear and to close the circuit through the electric motor and electric means operated by said pedal-operated means for turning the pinion relatively to the gear.

1,570,811. COMBINED REFRIGERATOR AND DISPLAY COUNTER. ELIZA A. WILKINSON, San Francisco, Calif. Filed Aug. 3, 1925. Serial No. 47,915. 3 Claims. (Cl. 62—102.)



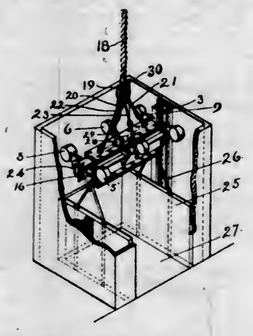
1. A combined refrigerator and display counter comprising a cabinet interiorly provided with an upper compartment for receiving the material to be displayed, a lower compartment for receiving the material to be stored and vertically extending passages at the opposite ends of the compartments for placing the compartments in communication with one another, a division wall between said compartments extending longitudinally and transversely of the central portion of the cabinet from one of said passages to the other and including a refrigerating unit, and means for circulating air from one of said compartments into the other and through the said passages.

1,570,812. LATCH GUARD FOR CASING-HANDLING TOOLS. ELIHU C. WILSON, Los Angeles, Calif. Filed Nov. 1, 1923. Serial No. 672,103. 5 Claims. (Cl. 294—90.)



1. In casing handling tools, the combination of a plurality of clamping and holding members hinged together and adapted to embrace between them a pipe or casing, an oscillatory latch device pivotally connected with one of said members, said latch device including a shank, a head on the free end of the shank and with its outer longitudinal face forming the nose of the latch, the member with which said latch is engaged being provided with spaced locking lugs with which said head is adapted to engage and between which the shank thereof is received, spaced guard lugs on the latch engaged clamp member, shoulders on said guard lugs and adapted to be engaged by the inner side face of the latch when in locking position, said shoulders extending longitudinally beyond the ends of the head, and the ends of the guard lugs extending partially around the nose of the latch.

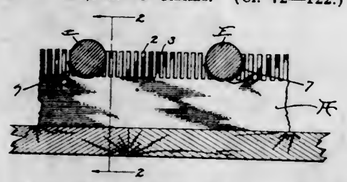
1,570,813. SAFETY DEVICE FOR ELEVATORS. PETER WILSON, Springfield, Ill. Filed Aug. 20, 1923. Serial No. 658,330. 3 Claims. (Cl. 187—83.)



3. In an elevator safety device of the character described, the combination with vertical guide members in the elevator shaft, having integral vertically aligned stop-lugs on opposite side faces thereof, of a cage having opposite sets of counter-balanced emergency catch dogs mounted on bracket supported horizontally parallel opposite counter shafts, adapted to provide simultaneous rotatable support of said catch dogs; said rotatably sup-

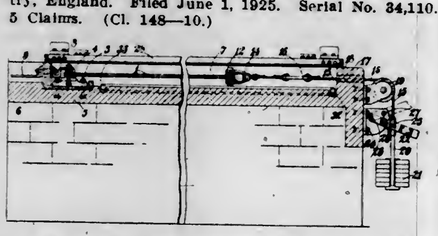
ported emergency catch dogs adapted to be normally suspended in a predetermined position of disengagement with the integral vertically aligned stop-lugs during the cable support of said elevator; but adapted to quickly and automatically rotate simultaneously into engagement with said stop-lugs through the agency of gravitation on said rotatable counter weighted grabbing dogs in the event of accidental breaking of the elevator supporting cable; and an auxiliary centrally disposed pair of counter weights securely mounted on said counter shafts and adapted to aid in expediting the emergency rotation of said emergency catch dogs as described and for the purpose set forth.

1,570,814. REENFORCING-BAR SUPPORT. HORACE M. WOOLLEY, Jr., Alameda, Calif. Filed Sept. 10, 1924. Serial No. 736,873. 3 Claims. (Cl. 72—122.)



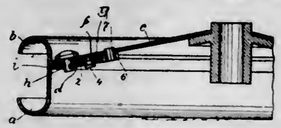
1. A reenforcing bar support of the character described comprising an elongated strip of metal adapted to stand on edge, and a plurality of closely spaced, easily bendable teeth formed in one edge thereof.

1,570,815. PROCESS AND APPARATUS FOR INSURING THE STRAIGHTNESS OF METAL TUBES AND STRIPS OF ANGLE OR OTHER FORM DURING HEAT TREATMENT. HAMILTON NEIL WYLIE, Coventry, England. Filed June 1, 1925. Serial No. 34,110. 5 Claims. (Cl. 148—10.)



1. A process for heat treating and for insuring the straightness of metal tubes and strips of angle or other form during heat treatment, consisting in first subjecting the tube, strip or the like to a predetermined tensile load, and, while so loaded, heating it by the passage through it of an electric current which is cut off when the required temperature of the material is attained and the desired straightening has been effected, after which, when the strip has cooled sufficiently, the load is removed, substantially as and for the purpose described.

1,570,816. DIVIDED RIM FOR AUTOMOBILE WHEELS. WALTER ZIPPER, Vienna, Austria. Filed Dec. 12, 1924. Serial No. 755,525. 1 Claim. (Cl. 152—21.)



A wheel rim with a detachable flange, comprising connecting hooks arranged in a circle on said flange, the non-detachable rim part being formed with apertures through which said connecting hooks project, a single ring rotatable secured to the non-detachable rim part to act as a locking organ for all the hooks, the said ring being formed with marginal recesses corresponding to the connecting hooks and with gear teeth, and a toothed pinion meshing with said gear teeth, said pinion being adapted to be rotated by means of a wrench.

1,570,817. ARTIFICIAL STONE AND METHOD OF MAKING SAME. SALVATORE S. ZOTTOLI, Quincy, Mass. Filed Feb. 26, 1924. Serial No. 695,348. 3 Claims. (Cl. 18—48.8.)



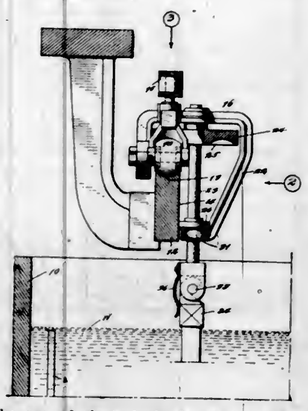
1. The method of making imitation travertin consisting of placing in a mold a bed of cement mixed to a thick plastic consistency and pressing on the top surface while the cement is still in a plastic condition in such manner that portions of the under surface of the cement are pressed against the underlying surface of the mold with greater degree of pressure than other portions, whereby there are formed irregular cavities in the under surface of the molded cement and then allowing it to dry.

1,570,818. TEAPOT, COFFEEPOT, AND THE LIKE. EDMUND WILLIAM ABRAM, London, England. Filed Feb. 24, 1925. Serial No. 11,129. 2 Claims. (Cl. 53—3.)



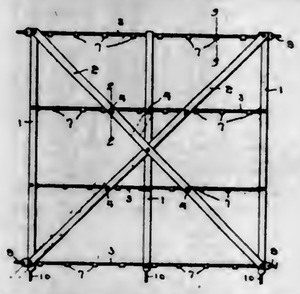
1. A tea pot, coffee pot and the like having a filling opening in its top and a spout at its upper front portion, and a removable cover having a strainer portion in the form of a shutter which closes the lower end of the spout, such shutter having slots therein through which the infusion flows in passing to the spout, said slots being curved thereby decreasing the danger of the shutter being broken.

1,570,819. METHOD OF ELECTROPLATING AND APPARATUS THEREFOR. BLASIUS BART, East Orange, N. J. Filed Oct. 11, 1923. Serial No. 667,797. 34 Claims. (Cl. 204—11.)



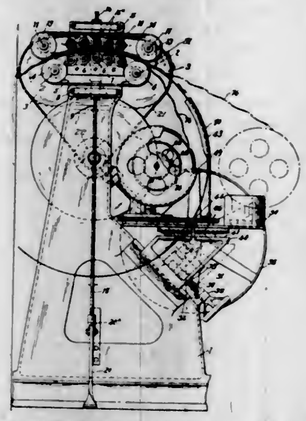
1. In the art of electrolytic deposition where a series of anodes are used and where the depositing operation is of different activity in different parts of the bath, the method which consists in causing the article to be coated to traverse continuously a path through the several parts of the bath where the depositing activity is variable, subjecting the article to the electrolytic depositing action of the bath for a prescribed period of time and causing the article during its passage to present all sides thereof repeatedly to the different anodes.

1,570,820. GROUND-CLEANING RAKE. VICENTE BETÉS, Venado Tuerto, Argentina. Filed Nov. 19, 1924. Serial No. 750,935. 1 Claim. (Cl. 55—3.)



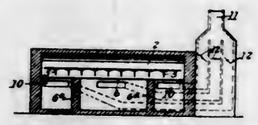
In a rake for cleaning the ground including in combination a frame having vertically disposed cross-bars, of a plurality of headed teeth, means for adjustably clamping the teeth in various positions of vertical adjustment on the cross-bars, including a staple-shaped member embodying spaced apertured arms arranged in straddled engagement with the cross-bar and receiving one of the teeth through the apertured ends, and a screw passing through the medial portion of the staple member and bearing against the cross-bar for clamping the parts in position.

1,570,821. MACHINE FOR THE MANUFACTURE OF BEAD CABLES OR GROMMETS. FRANK H. BEYEA, Akron, Ohio, assignor to John R. Gammeter, Akron, Ohio. Filed Sept. 23, 1921. Serial No. 502,819. 29 Claims. (Cl. 117—5.)



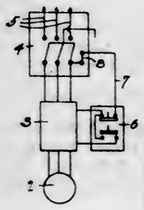
1. In a machine for the purpose set forth, the combination of means for supporting a grommet and a holder for preformed spiral wire, means for casting the holder about the grommet, means for rotating the holder and the grommet circumferentially relative to one another and means for maintaining the axis of the holder at a constant angle with respect to the plane of the grommet.

1,570,822. METHOD AND APPARATUS FOR ANNEALING AND COOLING SHEET GLASS. FREDERIC L. BISHOP, Pittsburgh, Pa., assignor to Window Glass Machine Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Sept. 4, 1924. Serial No. 735,790. 4 Claims. (Cl. 49—47.)



1. In the method of annealing and cooling sheet glass, the steps consisting in passing glass through a leer, passing streams of heated gaseous fluid through the leer above and below the glass and in contact therewith, and varying the cooling effect of at least one of said streams from side to side of the leer.

1,570,823. ELECTRIC SYSTEM. GEORGE T. BAUUN, Pittsburgh, Pa. Original application filed Jan. 17, 1922, Serial No. 529,916. Divided and this application filed Feb. 9, 1923. Serial No. 618,012. 2 Claims. (Cl. 175—294.)



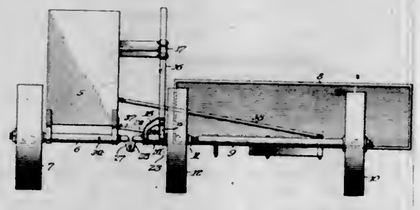
1. An electric system comprising a main circuit and a translating device, a manually- and an electrically-operable switch between the circuit and the device, a holding coil requiring energization to hold the electrically-operable switch closed, and an auxiliary switch associated with the manually-operable switch for closing the holding coil circuit after the manually-operable switch is closed and for opening the holding coil circuit before the manually-operable switch is opened.

1,570,824. SURFACE WASHER. LESTER GEORGE CLARK, Montreal, Quebec, Canada, assignor, by mesne assignments, to The E. Z. Anto Washer Company, New Haven, Conn., a Corporation of Connecticut. Filed Nov. 13, 1922. Serial No. 600,507. 1 Claim. (Cl. 15—130.)



A surface washer comprising a sheet of rubber forming in the central portion a longitudinal and comparatively flat pocket of reinforced construction and opening out at one end of the sheet into the upper half of a circular rubber hose extension and a rubber sponge secured to the aforesaid sheet and communicating with said pocket through the inner wall thereof and extending partly across the circular hose extension to narrow the mouth of the pocket.

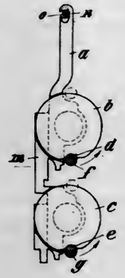
1,570,825. COMBINATION HARVESTER THRASHER. ERNEST COBURN, Racine, Wis., assignor to J. I. Case Threshing Machine Company, Racine, Wis., a Corporation. Filed Feb. 18, 1924. Serial No. 693,441. 9 Claims. (Cl. 56—209.)



1. In a machine comprising a harvester and a thrasher, an axle on said thrasher, a connecting member mounted in said axle, a leveling wheel for said harvester having an axle, a connecting member in said harvester axle, and means for securing said members together.

9. In a machine comprising a harvester and thrasher, a swiveling connecting member supported by said harvester, an arm on said member positioned at right angles thereto, means for preventing endwise movement of said member, a swiveling connecting member supported by said thrasher, an arm on said member positioned at right angles thereto, means for preventing endwise movement of said member, and means connecting said arms to permit their simultaneous uniform movement or independent variable movement in relation to each other.

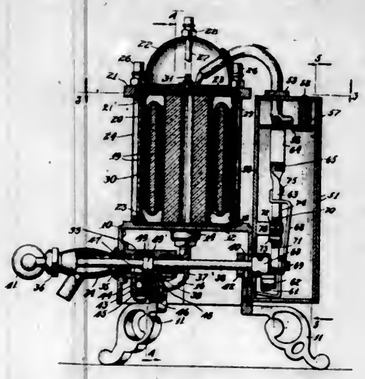
1,570,826 MATRIX-SETTING AND TYPE-BAR-CASTING MACHINE. JULIUS DORNETH, Konradshohe, near Tegel, Germany. Filed Apr. 8, 1924. Serial No. 705,112. 3 Claims. (Cl. 199—51.)



1. A justifying device for matrix setting and type-bar casting machines with a spacing device, comprising in combination a plurality of circular spacing wedges and means in engagement with said circular spacing wedges at the peripheries thereof for turning the spacing wedges.

1,570,827. ELECTRIC WATER HEATER. JOSEPH C. FELDMAN, New York, N. Y., assignor to Tillie K. Feldman, New York, N. Y. Filed Dec. 6, 1923. Serial No. 678,800. 4 Claims. (Cl. 200—169.)

1. The herein described switch mechanism for automatic water heaters comprising a pair of spaced contact studs, a bridge, a switch arm carrying at its free end said bridge, a manually operated rock shaft on which the end of the arm remote from the bridge is journaled freely, a spring acting upon the arm tending to throw it in one direction to open the switch, an actuating knuckle fixed to the rock shaft and having lost motion engagement with the arm for positive movement thereof



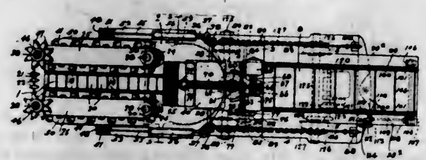
in the opposite direction against the force of said spring, and locking means for the switch arm releasable by said knuckle to permit the switch to open under actuation of the spring.

1,570,828. APPARATUS FOR DRILLING OIL WELLS. JAMES P. FISHER, Bartlesville, Okla., assignor to Doherty Research Company, New York, N. Y., a Corporation of Delaware. Filed June 30, 1922. Serial No. 572,056. 5 Claims. (Cl. 255—64.)



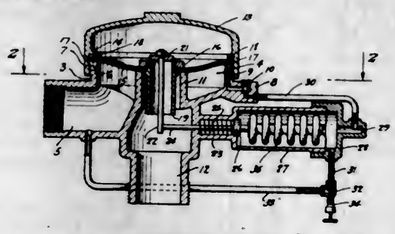
1. A drilling apparatus comprising a bit having a cutting edge extending substantially transverse to the axis of the bit, said bit having longitudinal channels in the plane at right angles to the longitudinal plane including the cutting edge of said bit, and means for providing a downward draft of water at the corners of said cutting edge.

1,570,829. LOADING MACHINE. JOHN A. FORSYTH, Nemacolin, Pa., assignor of one-fourth to Clyde J. Smith, Uniontown, Pa. Filed Jan. 13, 1922. Serial No. 528,976. 13 Claims. (Cl. 262—5.)



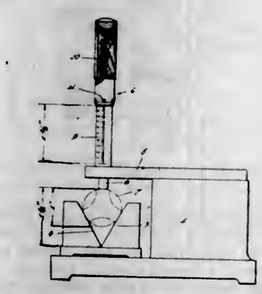
1. A loading machine comprising an inclined movable endless conveyer, endless chains extending along the sides of said conveyer, and scraper lugs with bits carried by the said chains for pushing material upon said conveyer.

1,570,830. AUTOMATIC WATER CONTROL. MARVIN A. HAGEY and LOREN T. MCKEE, Los Angeles, Calif. Filed Sept. 21, 1925. Serial No. 57,724. 3 Claims. (Cl. 139—93.)



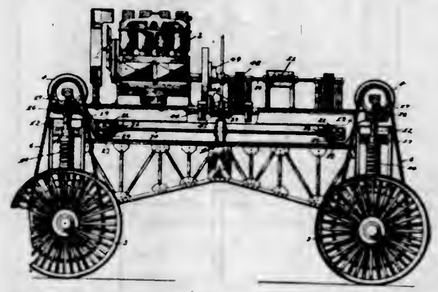
1. A device of the character described adapted to be connected to a hydraulically actuated flush valve having a relief chamber and mechanically operated means to release fluid therefrom so as to operate said valve including a slidable actuating stem, said device comprising an expansible chamber motor, a fluid inlet for said motor connected to the inlet of said valve and arranged to permit the passage of fluid slowly to said motor, said motor having a fluid outlet connected to said relief chamber, said stem being disposed to be engaged and operated at an end of the travel of the motor.

1,570,831. MEASURING DEVICE. BENGT M. W. HANSON, Hartford, Conn.; Einar A. Hanson and Clarence E. Whitney executors of said Bengt M. W. Hanson, deceased. Filed May 21, 1923. Serial No. 640,352. 2 Claims. (Cl. 33—166.)



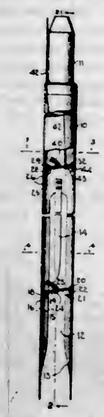
1. A measuring device of the character described comprising a pair of angularly disposed jaws, and a micrometer having a jaw or spindle provided with threads by which it may be moved toward and from the point of intersection of the first jaws, said micrometer being provided with a scale having divisions indicating standard units of measurement, but spaced apart in proportion to such standard units to designate by direct reading in that standard distances proportionally less than those to which the threads move the spindle upon rotation thereof.

1,570,832. POWER STEERING MECHANISM FOR LOGGING TRUCKS. JENS HASSELBERG, Klamath Falls, Oreg. Filed Oct. 20, 1924. Serial No. 744,680. 6 Claims. (Cl. 180—80.)



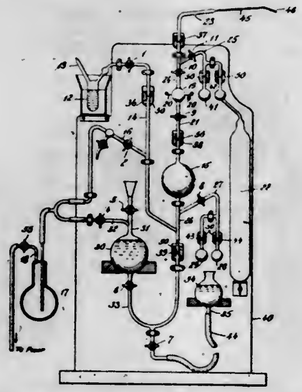
1. In a logging truck provided with an engine operatively mounted upon the truck for delivering power to the wheels, steering mechanism comprising steering knuckles connected to each wheel for imparting pivotal movement thereto relative to the body of the truck; reach rods connected between the knuckles of the front pair and of the rear pair of wheels respectively, said rods having oppositely pitched threaded portions along the middle portions thereof; gears engaging said threaded portions of the rods; means for holding the gears against longitudinal movement along the rods whereby rotation of the rods will cause the rods to be moved to actuate the steering knuckles; and means actuated by power from the engine for rotating the gears to steer the truck.

1,570,833. FISHING TOOL FOR WELLS. JOHN T. HELBERT, Broadway, Va. Filed Aug. 17, 1923. Serial No. 657,892. 2 Claims. (Cl. 294—104.)



1. In a device of the character described, an elongated hollow body, a stationary curved plate therein, a wingable clutch member on the inside of the body and adapted to clamp a cable between the edge of said member and said plate, said member having its free edge curved and provided with prongs which converge and extend downwardly to obviate untwisting or unraveling while it is being pulled out.

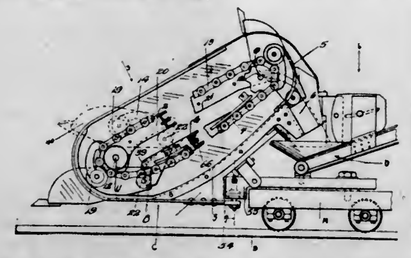
1,570,834. METHOD OF AND APPARATUS FOR PURIFICATION OF RADIUM EMANATION. VICTOR F. HESS, Orange, and EDWIN D. LEMAN, East Orange, N. J., assignors to United States Radium Corporation, a Corporation of New York. Filed June 14, 1923. Serial No. 645,258. 12 Claims. (Cl. 167—7.)



2. The method of separating gaseous impurities from radium emanation which comprises, removing a portion of the gases from the emanation, passing the partially purified emanation to a tube containing an absorbent to obtain the emanation in a state of substantial purity, and sealing off the portion of the tube containing the absorbent, whereby the remaining portion of the tube contains only substantially pure emanation.

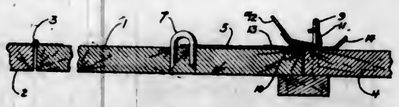
12. In a gas collecting apparatus of the character described, the combination of an expansion chamber, an auxiliary trap chamber and means for connecting and disconnecting the expansion chamber with the trap chamber, a vacuum pump and means for connecting and disconnecting said pump with the explosion chamber and with the auxiliary trap chamber, means for forcing mercury into the expansion chamber against a very low gaseous pressure to displace rarefied gas therefrom and force it into the auxiliary trap chamber, and an explosion chamber provided with electrodes adapted to produce an electric discharge therein and means for connecting and disconnecting the explosion chamber with the expansion chamber, a capillary tube and means for connecting and disconnecting the capillary tube with the explosion chamber, and an absorption bulb and means for connecting and disconnecting said absorption bulb with the expansion chamber.

1,570,835. SHOVELING MACHINE. FRANK M. HEWITT, Oakland, Calif. Filed Feb. 9, 1925. Serial No. 7,836. 20 Claims. (Cl. 198—12.)



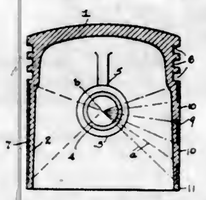
1. A shoveling machine comprising in combination an excavator frame, chains operatively mounted in the frame, excavating buckets and a link connecting the chain and buckets in the plane of the chain.

1,570,836. HASP. CHARLES BRUCE HOLMAN, Eureka, Calif., assignor to Ora F. Simpson, Eureka, Calif. Filed Jan. 12, 1925. Serial No. 1,865. 4 Claims. (Cl. 292—285.)



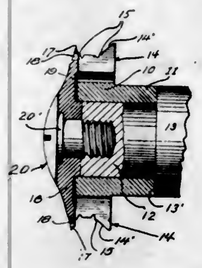
1. A hasp comprising a plate having means at one end thereof for securing the same to a door, and an aperture through the plate adjacent the other end, and an element mounted on a pivot extending transversely across the plate adjacent the aperture and having an arm at the aperture side of the pivot adapted to engage in a closed staple extending through the aperture, and a relatively angular arm at the other side of the aperture adapted by pressure thereon to move the first arm out of the staple.

1,570,837. PISTON. JOHN E. HOY and NORMAN A. BEST, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a Corporation of Michigan. Filed Mar. 18, 1924. Serial No. 699,978. Renewed Jan. 22, 1925. 8 Claims. (Cl. 74—108.)



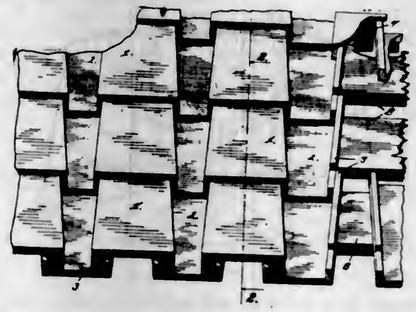
1. In a piston, or like article, the combination of a body and a part surrounding the same, said body and part being composed of metals having different co-efficients of expansion and laterally contacting edges of said body and part inclining with respect to the cylindrical face of said body, substantially as described.

1,570,838. SHOE-SOLE TRIMMER. CHARLES JACKMAN, Portsmouth, Ohio, assignor of one-half to Pearl E. Selby, Portsmouth, Ohio. Filed May 4, 1923. Serial No. 636,635. 5 Claims. (Cl. 12—91.)



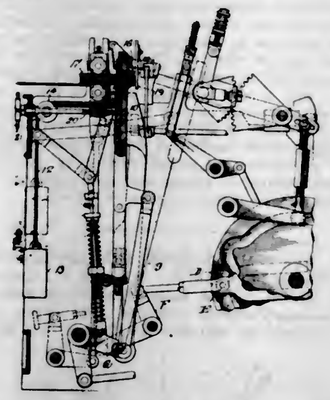
5. In a shoe sole trimming mechanism, a rotary trimming member having a peripheral series of cutting teeth thereon, cutting lips formed on said member at the outer side edge thereof, a circular guard disposed in abutting relation at the outer side of said trimming member with its peripheral edge extending beyond the teeth of said member, said guard having an annular series of circular bores therethrough in alignment with the cutting lips of said trimming member for trimming the edge face of a shoe sole being worked.

1,570,839. ROOF TILE. JOSE JOAQUIN, San Jose, Calif. Filed Aug. 18, 1924. Serial No. 732,743. 2 Claims. (Cl. 108—10.)



1. In a tile roof, upper and lower tiles having oppositely disposed flanges edges, the flanged edges of said upper and lower tiles converging in opposite directions and having notches formed in the flanges at the narrow end of each tile whereby portions of the flanges at the narrow end of each tile may be received between overlap portions of the flanges at the wide end of an adjacent overlapping tile and the overlapping flange portions interlap with the overlapping flange portions of opposite tiles; and lugs formed upon the under sides of the upper tiles to engage and retain said tiles upon a supporting surface, said lug forming a spacing element adapted to space the ends of the underlying tile.

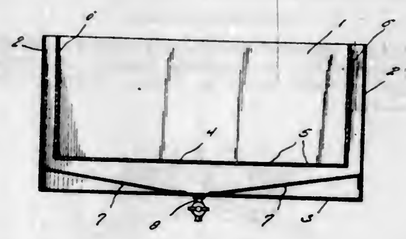
1,570,840. MEANS FOR PREVENTING BACKLASH IN ROUNDING AND BACKING MACHINES. AXEL VIKTOR JOHNSON, Brooklyn, N. Y., assignor to Fred Gont Company, Brooklyn, N. Y., a Corporation of New York. Filed Dec. 10, 1920. Serial No. 429,665. 5 Claims. (Cl. 11—5.)



1. In a machine for rounding and backing books, the combination of means for holding the books to be rounded and backed, and a weight flexibly connected to said holding means for preventing back lash of said holding means.

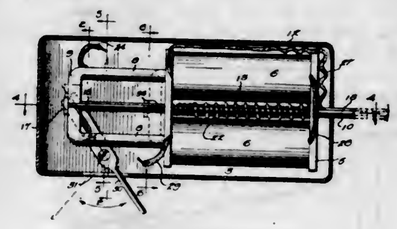
1,570,841. FLOWER BOX. WILLIAM KARNATZ, Bismarck, N. Dak. Filed Mar. 23, 1925. Serial No. 17,762. 1 Claim. (Cl. 47—34.)

A flower box comprising opposed side and end walls and bottom walls, said bottom wall being provided with a centrally located valve, a false bottom connected to the side walls and spaced from the end walls and equipped with a multiplicity of apertures, partitions connected with said false bottom and side walls of the box and spaced from the end walls, said false bottom



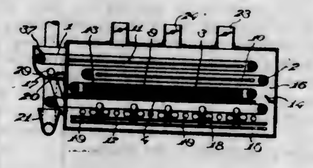
being spaced above the bottom of the main box, and inclined chutes connected to the end walls of the box and inclining toward the bottom of the main box so as to guide drain water toward said valve.

1,570,842. WINDSHIELD CLEANER. MATTI I. KEVARI, Bessemer, Mich. Filed Feb. 26, 1923. Serial No. 621,296. 2 Claims. (Cl. 172—126.)



1. An electro-magnetic motor comprising a pair of coils, a substantially U-shaped armature adapted to be moved inwardly when the coils are energized, an auxiliary armature adapted to complete a circuit through said coils, when the U-shaped armature is in its outer position, means for breaking the circuit when the armature is in its inner position, and a spring to return said armature to its outer position when the circuit is broken.

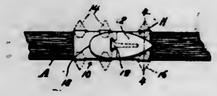
1,570,843. APPARATUS FOR DRYING LIVE COCOONS AND THE LIKE. KIHACHIRO KOBORI, Kobe, Japan, assignor to Kanegafuchi Boseki Kabushiki Kwaisha, Tokyo, Japan. Filed Apr. 18, 1923. Serial No. 632,999. 4 Claims. (Cl. 34—12.)



1. In an apparatus for drying live cocoons and the like, a drying chamber divided internally into upper and lower compartments, conveyors arranged in the upper compartment, heating means for said conveyors, a conveyor arranged in the lower compartment, air heating means arranged exteriorly of the drying chamber,

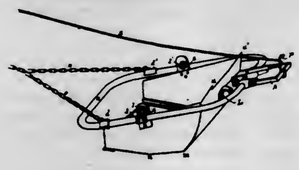
means for introducing the heated air into the lower compartment, means for heating cocoons preliminarily to their introduction in the heating chamber, and means for conducting the air exhausted from the lower compartment to the preliminarily heating means.

1,570,844. ELASTIC THREADING AND FASTENING DEVICE. FAY L. KUELLMER, Denver, Colo. Filed Jan. 13, 1925. Serial No. 2,220. 1 Claim. (Cl. 24—222.)



In a device of the character described, a pair of flat elongated body members each adapted for engagement upon the ends of a strip of flexible material and each having a plurality of prongs at its side edges adapted to be bent over and crimped upon the flexible material, one member having a substantially arrow shaped head connected with the body by a constricted neck portion and the other member having an elongated slot at its central portion opening out into a transverse slot, the corners at the junctures of the slots being rounded, said arrow shaped head being adapted for insertion within the first named slot whereby the constricted neck may be turned and brought into the second named slot.

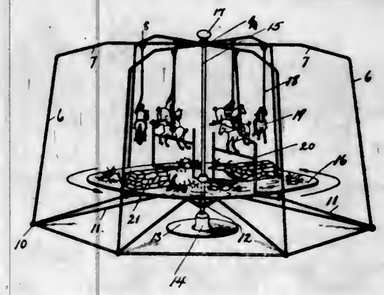
1,570,845. ROAD SCRAPER. ROBERTO KURTZ, Buenos Aires, Argentina. Filed Sept. 2, 1921. Serial No. 497,884. 4 Claims. (Cl. 37—138.)



1. An automatic road scraper of the character described including a substantially rectangular frame, a draft device connected with the forward portion of the frame, a single cavity scraper body rotatably suspended from the frame and automatically rotatable under the combined action of gravity and the draft exerted on the frame, a cooperating latching and locking device mounted in the rear of the frame and on the rear of the scraper body and normally holding the scraper in operative position, and a flexible element permanently connected with the locking and latching element on the frame and temporarily engaged at times with the frame so as to maintain the latching and locking device in engaged position and facilitate the lifting of the frame to cause the scraper body to excavate, the flexible element being disengageable from the frame to release the scraper body so as to permit a complete rotation of the scraper body in the frame and insure an automatic dumping and subsequent latching of the scraper body in an operative position in the frame.

1,570,846. STEEPLECHASE GAME. ISRAEL KUSSNER, New York, N. Y. Filed June 2, 1925. Serial No. 34,375. 3 Claims. (Cl. 273—138.)

1. A toy or game of the class described comprising an open frame, a plurality of detachable units suspended from the top of the frame, a rotatable shaft and support therefor mounted centrally of the frame, a turntable



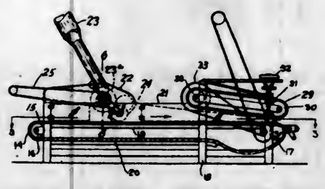
rotatable with the shaft and obstructions on the turntable for engaging said detachable units.

1,570,847. ADJUSTABLE CLEVIS. SAMUEL C. LAVENDER, Pickens, Okla., assignor of one-fourth to Robert W. Case, Wright City, Okla. Filed Nov. 15, 1922. Serial No. 601,185. 1 Claim. (Cl. 278—96.2.)



A draft appliance for plows comprising a pair of forwardly extending plates adapted to be secured to the opposite sides of a plow beam at its forward end, a clevis pivotally mounted between said plates adjacent their free ends having a reduced portion provided with a segmental rack, a rack wheel having extensions conforming in shape to the beam and adapted to embrace the beam at the rear end thereof, means for securing said extensions to said beam, said rack wheel being provided with a hub, a shaft having a crank mounted in said hub, a bearing on said beam in which the forward end of said shaft is mounted, a pinion carried by said shaft engaging the segmental rack of said clevis and a pivoted spring-actuated detent carried by the crank of said shaft adapted to engage said rack wheel for locking said clevis in adjusted position.

1,570,848. METHOD OF AND APPARATUS FOR MAKING MATTRESSES. WILLIAM C. LLOYD, Montreal, Quebec, Canada, assignor, by mesne assignments, to Simmons Company, Kenosha, Wis. Filed Apr. 23, 1921. Serial No. 463,900. 18 Claims. (Cl. 226—45.)

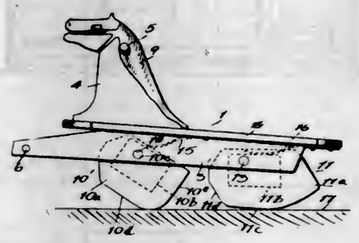


1. In a mattress making machine, a framework, an endless conveyor therein, side boards forming with the upper surface of the conveyor a trough, and a floating roll disposed transversely of said trough above the conveyor and adjacent the inlet end of the trough.

8. In a mattress making machine, a framework, an endless conveyor therein, a perforated roll above the conveyor, and means driving said roll in a direction contrary to the conveyor.

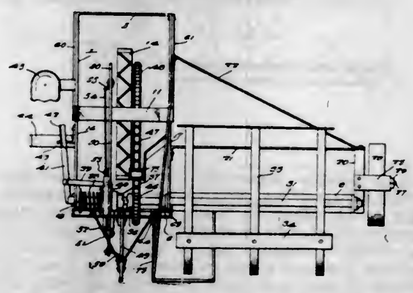
13. A continuous process of making mattresses which comprises, opening, cleaning and teasing fibrous material, depositing the cleaned and opened fibre in a continuous manner on a moving conveyor, forming the fibre in a single layer of thickness sufficient for a complete mattress filling by retarding movement of fibre on the conveyor.

1,570,849. TOY VEHICLE. RAYMOND H. MANLEY, Cottonwood, Ariz. Filed July 5, 1923. Serial No. 649,606. 3 Claims. (Cl. 272—53.)



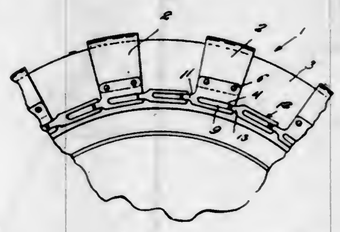
3. A toy vehicle comprising a pair of rocker units, an elongated body swingingly supported upon the rocker units, one of said rocker units being disposed beneath one end portion of said body and the other rocker unit being disposed beneath the opposite end portion of said body, each of said rocker units comprising an eccentric adapted to rock about an axis intersecting the respective eccentric in advance of and above the level of its transverse central line and extending at right angles to the direction of length of said body, said rocker units being adapted to be actuated successively by the shifting of weight on the body of the vehicle from one end portion of the body to the opposite end portion thereof while both of said rocker units rest upon a substantially flat surface and when so actuated repeatedly to propel the body forward.

1,570,850. STALK CUTTER. JEROME B. MARTIN, Granite, Okla. Filed June 5, 1925. Serial No. 35,173. 3 Claims. (Cl. 55—118.)



1. A machine of the class described including a longitudinally extending U-shaped frame having its ends disposed forwardly, a beam extending across the ends and beyond one side of the frame, a cutter bar on the beam, a frame at the end of the beam, wheels journaled in the frames, a shaft journaled between the frames, means operatively connecting the shaft with one of the wheels, a clutch mechanism associated with said means, a plurality of bars disposed in spaced circumferential relationship about the axis of the shaft, means operatively connecting the bars with the shaft, means for tilting the frames so as to vary the distance of the beam from the ground.

1,570,851. TIRE ARMOR. THOMAS CARMAN METCALFE, Bowsman River, Manitoba, Canada. Filed Apr. 1, 1925. Serial No. 20,006. 1 Claim. (Cl. 152—14.)



A tie armor comprising a series of segmental sections cut from an old tire casing, said sections adapted to straddle a tire and arranged in annular spaced relation, a pair of complementary plate sections secured at their upper portions on the inner and outer sides respectively at each end of each section, the lower portion of said plate sections extending below the lower edges of the ends of each section, the lower portions of the plates being provided with registering longitudinally extending slots, a looped portion connecting the lower portions of the plate at one side of each section, and links connecting the looped portions of the plate with the slotted adjacent portions of the plate carried by the adjacent segmental sections, said links being of substantially U-shaped formation, the arms thereof being slotted and adapted to engage the looped portions of the plate, the crown portion of each of the substantially U-shaped links engaging the slotted lower portions of the plates.

1,570,852. BAFFLE SECTION FOR HOT-WATER HEATERS. WALTER H. MILLER, Richmond, Va. Filed Apr. 22, 1924. Serial No. 708,308. 1 Claim. (Cl. 110—98.)



In a structure of the class described, a baffle section for a hot water heater of the class described, said section comprising a relatively wide plate provided on its under side with a longitudinally extending rib of a predetermined width with respect to the width of the plate, said rib terminating in spaced relation from one end of the plate, a relatively narrow extension contiguous with said plate and rib, said extension being of a thickness equal to the combined thickness of said plate and rib, the free end of said extension being bevelled and notched upon its under side.

1,570,853. MANUFACTURE OF GLASS CYLINDERS. WILLIAM L. MONRO, Pittsburgh, HENRY F. CLARK, Oakmont, and LONNIE J. PIERCE, Pittsburgh, Pa., assignors to Window Glass Machine Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Apr. 29, 1918. Serial No. 231,332. 12 Claims. (Cl. 49—17.)

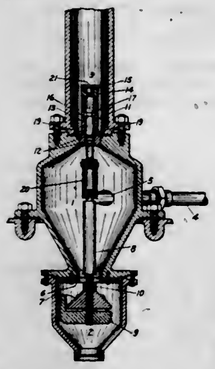
4. In apparatus for drawing glass cylinders, a bait, a chamber above the bait through which air is supplied to

the cylinder being drawn, having an air inlet opening which is of smaller cross-sectional area than and is adapted to discharge air in jet form into the chamber,



said chamber being at least partially enclosed laterally of the air stream and having a venting opening, substantially as described.

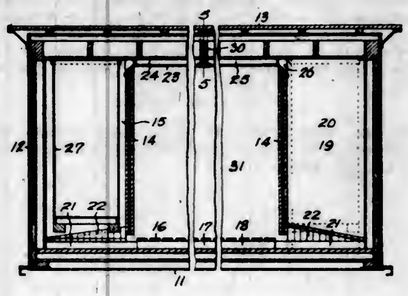
1,570,854. MEANS FOR SEPARATING, WASHING, AND DISCHARGING COMMINUTED SOLID MATERIAL IMMERSED IN LIQUIDS. CARL H. NORDELL, Fort Wayne, Ind. Filed Sept. 12, 1922. Serial No. 587,836. 3 Claims. (Cl. 23—267.)



3. In combination with a device for separating, washing and discharging comminuted solid material immersed in liquid, a check valve, a piston and a connection between said check valve and piston, causing said piston and valve to move in unison.

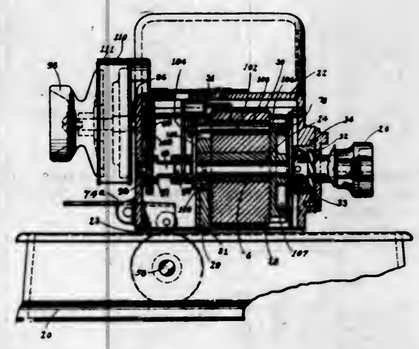
1,570,855. REFRIGERATOR CAR. KARL F. NYSTROM, Montreal, Quebec, Canada. Filed June 11, 1921. Serial No. 476,776. 7 Claims. (Cl. 257—7.)

4. In a refrigerntor car, a temperature changing compartment at each end thereof disposed at opposite sides of the car, a vertical flue at each end of the car disposed on opposite sides of the car, and longitudinal air passages at floor and ceiling on each side of the longi-



tudinal centre of the car connecting the temperature changing compartments severally with the flues at the opposite ends of the car.

1,570,856. PRINTING APPARATUS. WALTER B. PAYNE, CHARLES G. TIEFEL, and RAYMOND E. BOHRER, Rochester, N. Y., assignors to The Todd Company, Inc., Rochester, N. Y., a Corporation of New York. Filed Aug. 29, 1923. Serial No. 660,032. 15 Claims. (Cl. 197—6.4.)

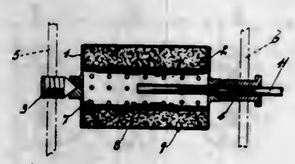


1. A printing apparatus comprising a plurality of rotary type carriers each provided with a plurality of type forms, adjustable means for moving said carriers transversely of the axis of rotation thereof to bring them selectively to printing position, manipulative means for rotating a selected carrier to bring the type forms thereof selectively to the printing point, and operating means for effecting an impression of the selected type form.

1,570,857. INKING ROLLER. JAMES F. PERKINS, Hayward, Calif. Filed Aug. 6, 1924. Serial No. 730,419. 2 Claims. (Cl. 91—67.8.)

1. An inking roller comprising in combination a pair of heads each having a coned bearing surface, a perforated cylinder between said heads, a fibrous pad surrounding

the cylinder, stationary screw threaded bearing pins having conical ends engaging the coned bearing heads, a

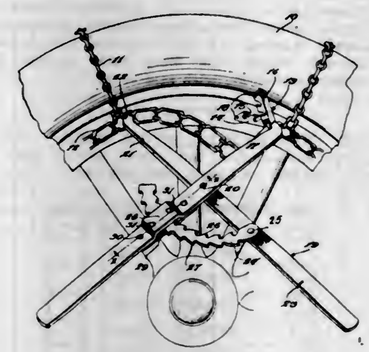


tube passing through one of the bearing pins and through one of the heads, and means to feed ink through the said tube.

1,570,858. LEACHING PROCESS FOR THE EXTRACTION OF METALS. WALTER GEORGE PERKINS, London, England, assignor to Metals Production Company of North America, Incorporated, New York, N. Y., a Corporation. Filed July 25, 1925. Serial No. 46,167. 14 Claims. (Cl. 75—18.)

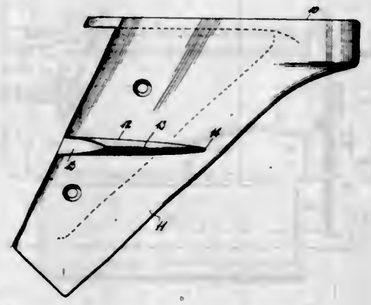
1. In a process for the leaching of ores and like materials by ammoniacal solutions, the application to the ore, following upon the solutions, of a previously effected admixture of vapours comprising steam and ammonia.

1,570,859. TIRE-CHAIN TOOL. WILLIAM N. PORTER, Leigh, Nebr. Filed July 21, 1924. Serial No. 727,253. 1 Claim. (Cl. 254—78.)



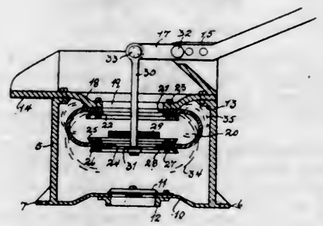
In a tire chain tool, the combination of a pair of crossed flat pivotally connected levers provided at their forward ends with fingers to engage a tire chain, the rear end portion of one of said levers being bent to form a yoke, a plate secured to said lever to extend across said yoke bracing the yoke and reinforcing the lever, spaced pins extending transversely through said yoke and plate and rigidly supported at their ends thereby, and an arcuate rack bar pivoted upon the rear end portion of the other of said levers at the same side of said second mentioned lever with said first mentioned lever to lie in a plane with said first mentioned lever and extending through said yoke beneath said plate freely between said pins, each edge of the bar being provided with teeth to engage said pins respective for adjustably locking the rear ends of the levers against spreading movement and the teeth at each edge of the bar being staggered with respect to the teeth at the other edge of the bar to provide close spacing between the adjusted postions at which the levers may be locked.

1,570,860. PLOWPOINT. ALDIN H. POWELL, Harmony, Pa. Filed Aug. 17, 1921. Serial No. 493,047. 1 Claim. (Cl. 97—117.)



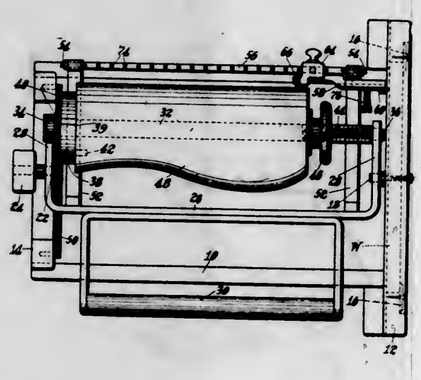
As an article of manufacture, a plow share including a laterally projecting wing and an auxiliary cutter formed integral with an intermediate portion of the said wing so as to be centered between the opposite side edges of the latter and extending vertically above the upper face of the wing, said cutter presenting a sloping front edge extending upwardly and inwardly in a straight line from a point on the upper face of the wing and spaced inwardly from the leading edge of the latter to provide a straight cutting edge, said cutter also presenting a thickened rear edge sloping upwardly and inwardly in a straight line from a point on the upper surface of the said wing and flush with the trailing edge of the latter, the said sloping front and rear edges of the said cutter meeting and terminating at a point appreciably spaced above the said upper face of the said wing and located inwardly of the leading and trailing edges of the wing.

1,570,861. PUMP. FRANCISCO A. QUIROZ, New York, N. Y. Filed Apr. 15, 1924. Serial No. 706,632. 2 Claims. (Cl. 103—148.)



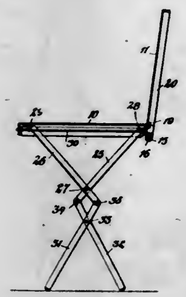
1. A pump having a flexible retractable and extendable member, a plurality of saucer shaped rings engaging the edges thereof, a hub formed in the innermost ring, an operating rod secured to said hub and passing through said flexible member and a valve surrounding said operating rod, all combined for joint operation as herein set forth.

1,570,862. METHOD AND MEANS FOR DETERMINING THE SHAPE OF MOLDS. THOMAS H. SEELY, Malden, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed July 8, 1918. Serial No. 243,986. 29 Claims. (Cl. 33—27.)



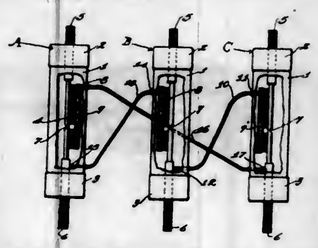
15. In an apparatus for determining the shape of molds, a form support movable to cause elements of a mold to be generated by a form carried on the support, and means variable in position with respect to the form for separately recording said elements.

1,570,863. FOLDING FURNITURE. FINN SIMMONS, Brooklyn, N. Y., assignor of one-half to George Rieger, Brooklyn, N. Y. Filed Mar. 11, 1924. Serial No. 698,542. 4 Claims. (Cl. 155—139.)



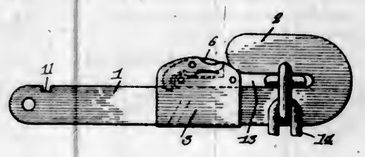
1. A folding chair including a longitudinally foldable seat and a folding supporting means therefor comprising inner and outer pairs of side legs each consisting of a pair of upper and lower pivotally connected sections, the upper and lower sections of each pair of legs having pivotal connection with each other and a connection between the front and rear ends of the seat and the upper ends of the leg sections for limiting the separation of the same when the chair is opened.

1,570,864. ELECTRIC FUSE. GEORGE H. SINN, Spencer, Iowa. Filed Mar. 7, 1923. Serial No. 623,483. 4 Claims. (Cl. 200—113.)



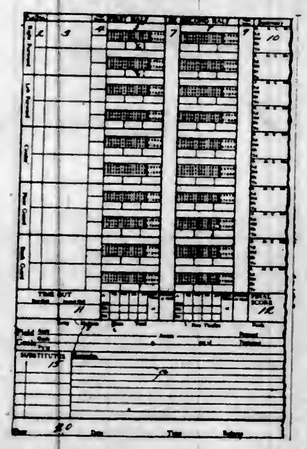
1. An electric fuse comprising a series of casings, a fuse mounted in each casing, means for connecting said fuses to close a circuit to overload the other fuses and cause a blow-out of all fuses in the series in case one of said fues blows out.

1,570,865. SAFETY GRAB-HOOK LOCK. VICTOR SOUCY, Caron Brook, New Brunswick, Canada. Filed June 24, 1925. Serial No. 39,394. 5 Claims. (Cl. 24—241.)



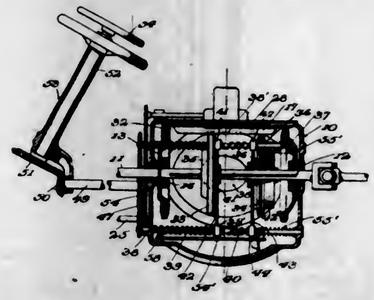
1. A safety grab hook lock comprising in combination with a grab hook consisting of a shank and a short arm spaced therefrom, a block slidably mounted on said shank and adapted to engage the short arm, and a locking member disposed within said block, said member being adapted for co-operation with said shank.

1,570,866. BASKET-BALL SCORE CARD. JOHN E. STEMPEL, Bloomington, Ind. Filed Sept. 1, 1922. Serial No. 585,580. 1 Claim. (Cl. 283—49.)



A basket ball score card comprising right and left hand sections similarly marked, each of said sections being provided with indicia correspondingly positioned for the different positions of players and in horizontal alinement, and indicia of the corresponding players score adjacent the name indicia, whereby scores of the first and second half of a game may be indicated.

1,570,867. SPEED-CHANGING TRANSMISSION. FREDERICK HUSSEY TANNER, Bristol, England. Filed Apr. 17, 1923. Serial No. 632,696. 8 Claims. (Cl. 74—26.)



1. In a transmission apparatus, a driven shaft, friction disks arranged about the driven shaft, means whereby said friction disks may be driven, a plurality of friction wheels separably movable longitudinally of the driven shaft, and means whereby said friction disks in conjunction with the friction wheels may be utilized for imparting different ratios of rotative movement to said driven shaft with individual movement thereon.

1,570,868. EXTRUDING MAGNESIUM. RICHARD L. TEMPLIN, Parnassus, Pa., assignor to American Magnesium Corporation, Niagara Falls, N. Y., a Corporation of New York. Filed Aug. 4, 1920. Serial No. 401,214. 2 Claims. (Cl. 207—10.)

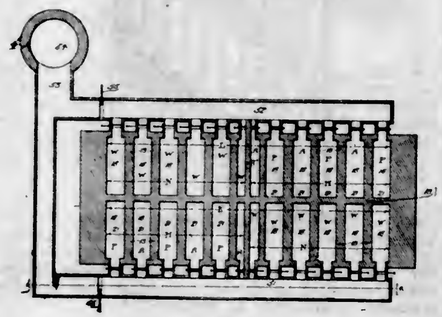
2. The method of plastically working magnesium comprising die-expressing the metal within a temperature range from 650° to 800° F.

1,570,869. APPARATUS FOR FILTERING DUST-LADEN GASES. THOMAS THOMSON and NICHOLAS NISBET, Scunthorpe, England. Filed Sept. 12, 1925. Serial No. 55,994. 4 Claims. (Cl. 183—46.)



1. In apparatus for filtering gases comprising a diaphragm moving across a filtering chamber, the method of filtering gases in stages of increasing fineness by passing them through successive portions of the same diaphragm in the same direction, each passage of the gases through the diaphragm being through a portion nearer to its point of entry to the filtering chamber than the succeeding one and each stage being kept separate, substantially as specified.

1,570,870. COKING RETORT OVEN. JOSEPH VAN ACKEREN, Pittsburgh, Pa., assignor to The Koppers Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Aug. 5, 1921. Serial No. 490,087. 9 Claims. (Cl. 202—9.)

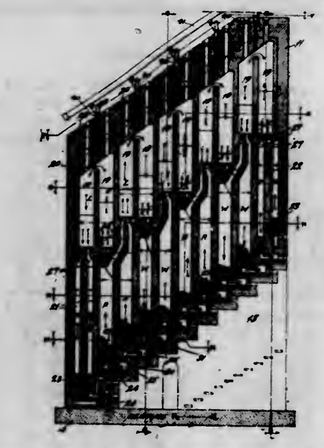


1. In a coke oven battery, in combination: a plurality of coking chambers; heating walls contiguous to such coking chambers and respectively constituted of vertical combustion flues operatively disposed into two groups; reversible regenerators on both sides of the battery located below the coking chambers and the heating walls and parallel therewith, said regenerators being communicably connected with the flues and operatively disposed into inflow and outflow groups, there being inflow and outflow groups of regenerators on each side of the battery disposed at the opposite ends thereof; a producer gas supply; reversing valve connections between said producer gas supply and some of the regenerators of each group on both sides of the battery; reversing air valve connections for the other regenerators of each group on both sides of the battery; waste gas tunnels located respectively on opposite sides of the battery; and valve connections for establishing communication concurrently between the outflow regenerators on both sides of the bottery reseeptively with the waste gas tunnels on the same sides of the battery as the outflow regenerators: substantially as specified.

1,570,871. INCLINED COKING RETORT OVEN. JOSEPH VAN ACKEREN, Pittsburgh, Pa., assignor to The Koppers Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Sept. 29, 1921. Serial No. 504,142. 16 Claims. (Cl. 202—9.)

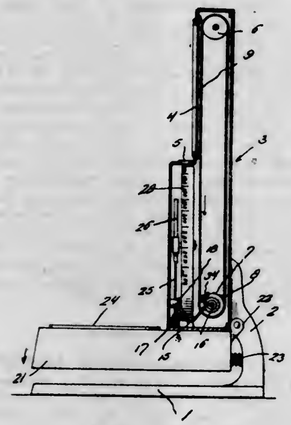
1. In an inclined retort battery, in combination: a plurality of inclined retort chambers; heating walls contiguous to said retort chambers and respectively constituted of vertical combustion flues, the flues of each heating wall being grouped into pairs with one member of each pair communicably connected with the other member of the same pair; regenerators disposed in tiers at a lower level than said combustion flues and grouped into crosswise series corresponding to the respective heating walls, each combustion flue being communicably connected with a pair of such regenerators, and each pair of the thus connected regenerators, when operating for inflow, being constituted of an air regenerator and a regenerator for feeding fuel gas; flow channels extending longitudinally of the battery and individually correspond-

ing with the respective tiers of regenerators, each flow channel being communicably connected by separate duct means with the individual regenerators of its respective



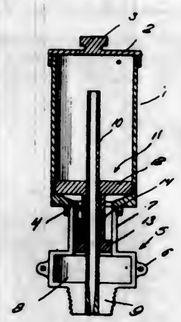
tier; and regulable damper means individual to the duct means connecting individual regenerators with such flow channels; substantially as specified.

1,570,872. ADVERTISING SCALE. PHILIP VIVIANO, St. Louis, Mo. Filed May 9, 1925. Serial No. 29,115. 1 Claim. (Cl. 40—28.)



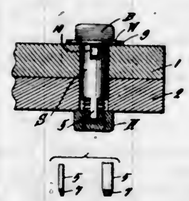
In a structure of the class described, a vertically elongated housing provided in its front with a window, drums mounted for rotation in said housing, an endless advertising band trained over said drums, a pawl carried by one of said drums, a ratchet mounted for idling, the teeth of said ratchet being engageable with said pawl for imparting rotation to said one drum, a flexible element anchored at one end upon said ratchet for imparting rotation thereto, the opposite end of said element being anchored upon a relatively stationary part, a lever pivotally mounted between its ends upon said housing, a pulley carried by the free end of the lever and cooperable with said flexible element, a tiltable platform, and a connection between the platform and the opposite end of said lever.

1,570,873. EMERGENCY GREASE CUP. PERRY O. BROWN, St. Vincent, Minn., assignor of one-half to Gustaf V. Backstrom, St. Vincent, Minn. Filed May 14, 1925. Serial No. 30,318. 4 Claims. (Cl. 184—68.)



1. In a lubricating device of the class described, a cup, a lubricant conducting tube extending into the cup and adapted to conduct the lubricant therefrom to the part to be lubricated, a plunger slidable in said cup for forcing the lubricant into said tube, and a mercury receptacle carried by the bottom of the cup slidably receiving a portion of said plunger, whereby to permit the expansion of the mercury to act upon said portion and to cause the plunger to eject the lubricant.

1,570,874. COMBINED NUT AND BOLT LOCK. THOMAS R. BRUMFIELD, Danville, Va., assignor of one-half to Posie L. Hines, Danville, Va. Filed Oct. 16, 1924. Serial No. 744,085. 5 Claims. (Cl. 151—2.)



1. A combination with a bolt and nut, a bushing received on the bolt, means between one end of the bushing and nut for holding the latter against rotation, a bendable washer associated with the bolt adjacent the head thereof and adapted to be bent against the latter to hold the bolt against rotation, and elements carried by the washer having interlocking engagement with the bushing to lock the latter and the washer together.

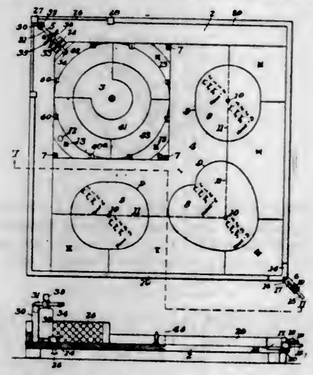
1,570,875. GAME APPARATUS. WILLIAM R. CARTEE, Lakewood, Ohio. Filed Aug. 26, 1924. Serial No. 734,233. 14 Claims. (Cl. 273—89.)

9. A game apparatus, comprising a playing field, a ball, a ball throwing device adapted to be operated by one player, a batting means adapted to be operated by another player and directable at his will, and safety stations on the playing field for the batter requiring a desired number of moves to go from one safety station to another, the field being divided into areas into which the ball may be batted and requiring varying numbers of moves to advance the ball from such area to the safety station, substantially as described.

11. A baseball game, comprising a playing field having a home plate, a batting device adjacent thereto and

movable in various paths at the will of a player, and means for indicating a strike when the batting device is moved over the home plate, substantially as described.

13. A baseball game, comprising a playing field having



a home plate, an eccentrically loaded ball, a ball throwing device adapted to be operated by one player, and means for indicating a strike when the ball is pitched over the home plate, substantially as described.

1,570,876. GLASS AND ARTICLE MADE THEREFROM. ARTHUR H. COMPTON, St. Louis, Mo., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Oct. 16, 1920. Serial No. 417,378. 7 Claims. (Cl. 106—36.1.)

1. A glass resistant to the chemical action of vapors of metals of the sodium group, comprising boron oxide, and basic oxides including at least one alkali metal oxide, at least one of the following oxides, namely, calcium, barium, strontium or magnesium oxide, and aluminum oxide.

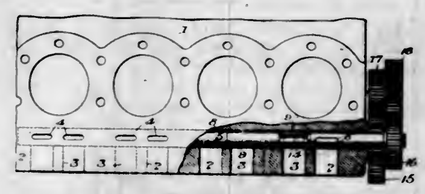
1,570,877. TELEGRAPHY. LAWRENCE CONNELL, JR., Portland, Oreg. Filed Dec. 2, 1921. Serial No. 519,433. 19 Claims. (Cl. 178—33.)



1. A telegraph alphabet consisting of signals, each signal consisting of a plurality of elements, each element being used but once in a signal each of said elements being varied in length relatively to each other and the relative lengths of the elements composing the signals being the point of distinction between signals composed of the same elements in the same sequence.

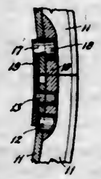
1,570,878. VALVE STRUCTURE. BURT W. DANFORD, Lansing, and ERROL E. EMSHWILLER, East Lansing, Mich. Filed Nov. 28, 1923. Serial No. 677,476. 8 Claims. (Cl. 123—190.)

1. A valve-structure comprising an inner-member including sections connected together and provided with intake and exhaust openings arranged adjacent and longitudinally of the valve and adapted to be brought into register with intake and exhaust openings of an engine cylinder; an outer valve-member including sections connected together and also provided with intake and exhaust openings arranged adjacent and longi-



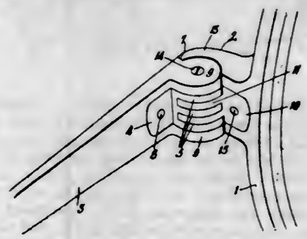
tudinally of the valve and adapted to be brought into register with corresponding openings in the inner-member; and means, including a train of gears connected with a driven part of the engine, for positively rotating the members in the same direction to bring the openings therein into register.

1,570,879. SECTIONAL PNEUMATIC-TIRE RIM. FREDERICK J. DOUR, Brooklyn, N. Y., assignor to Prindor Sectional Rim Co., New York, N. Y. Filed July 19, 1924. Serial No. 726,933. 1 Claim. (Cl. 301—31.)



A sectional pneumatic tire rim comprising an aligning plate rigidly connected with one of said sections which overhangs an end thereof; a stud rigidly mounted in said aligning plate for extension through a recess in the adjacent section; and a swinging lock pivotally mounted on the first mentioned section to swing into engagement in the path of said stud and across the junction between the sections to prevent the contraction of the rim formed by said sections.

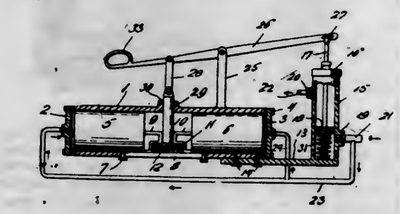
1,570,880. OPHTHALMIC MOUNTING. LOUIS DUNKELSBERG, New York, N. Y. Filed Feb. 20, 1925. Serial No. 10,457. 6 Claims. (Cl. 88—53.)



1. An ophthalmic mounting including a non-metallic front for the mounting having an integral end-piece portion and a hinge member comprising a flat plate and barrel, said end-piece portion having said plate inlaid

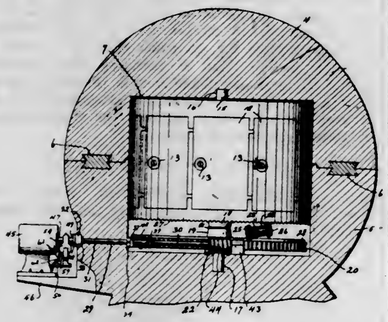
therein and a recess receiving at least a part of said barrel whereby the end of said portion extends circumferentially about said barrel to conceal at least a part of the barrel from view laterally and exteriorly of the mounting and a single rivet securing said member to said portion.

1,570,881. GAS REGULATOR. HUBERT A. ELKINS, Midkiff, W. Va. Filed Mar. 14, 1925. Serial No. 15,547. 1 Claim. (Cl. 67—115.)



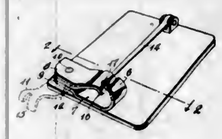
In a gas regulator, a valve structure in the gas line, a cylinder, a pair of pistons in the cylinder, frames on the inner ends of the pistons, a slide bar extending through the cylinder between the pistons, spring means between the frames tending to normally hold the pistons on the ends of the cylinders, pipes connecting the gas line with the ends of the cylinder so that the pressure will tend to maintain the pistons toward each other with the frames in abutment so that the slide bar may rest thereon, a lever for operating the valve, and a link connecting the slide bar to the lever so that the valve will be opened when the slide bar rests on the frames and so that the valve will be closed when the slide bar is disposed between the frame.

1,570,882. BURGLARPROOF SAFE. LUTHER ADDISON ELLISON, Topeka, Kans. Filed June 17, 1924. Serial No. 720,587. 12 Claims. (Cl. 109—1.)



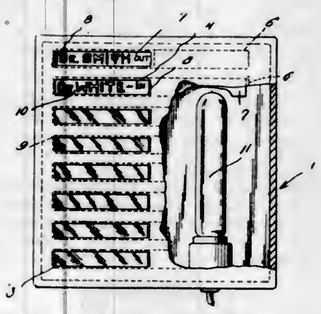
1. A safe comprising a body having a chamber provided therein, a drum rotatably mounted in said chamber having compartments successively moving into registry with the entrance to the chamber as the drum is rotated in the chamber, means for imparting rotary movement to said drum including a main drive shaft, an electrically operated motor for imparting rotary movement to said shaft, and a control switch for said motor, and means for moving said switch to an off position after said shaft has been rotated a predetermined number of times and the drum rotated a sufficient amount to move a compartment thereof out of registry with the entrance to the chamber and another compartment into registry with the entrance.

1,570,883. SAFETY CATCH FOR BADGES. MORRIS FOLKMAN, Cleveland, Ohio, assignor to The Morris Folkman-Shiffer Company, Cleveland, Ohio. Filed June 18, 1925. Serial No. 38,017. 7 Claims. (Cl. 24—157.)



1. A safety catch for a badge having a pivoted attaching pin including, a base plate, a pair of inwardly curved resilient jaws carried by the plate, and a pivoted keeper movable to a position beneath and between said jaws.

1,570,884. ILLUMINATED REGISTER. EMERY J. FORD, Everett, Wash. Filed Jan. 19, 1925. Serial No. 3,465. 2 Claims. (Cl. 40—62.)

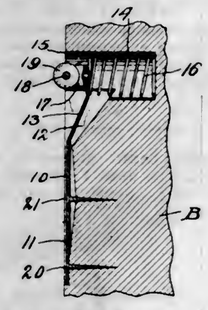


2. A register of the class described comprising a casing, said casing being open at its front, a closure for said open front, said closure embodying an outer plate provided with sight openings, an inner transparent plate, and an intermediate grooved plate, the portions of said transparent plate opposite said sight openings being provided with names adapted to be displayed through said sight openings, translucent slides mounted in the grooves in the intermediate plate and cooperable with said sight openings, a mirror arranged in said casing in back of said sight openings, said mirror being adapted to reflect light rays through all of said openings and being disposed at an angle with respect to said openings, and a single source of illumination in said casing adapted to project light rays onto said reflector.

1,570,885. SASH HOLDER. WILLIAM D. FOSS, Bell, Calif. Filed Oct. 9, 1924. Serial No. 742,693. 3 Claims. (Cl. 292—77.)

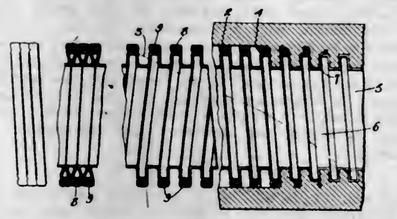
1. The combination with a window casing and a sash mounted therein, the side face of the sash being longitudinally recessed and the sash at one end of said recess being formed with a socket, of a resilient strip disposed in the recess and extending longitudinally therealong, one end of the strip being inwardly off-set with respect to the sash and carrying a roller adapted to engage the window casing, a spring disposed in said socket and engaging the inwardly off-set end of the strip and urging this end of the strip and the roller outward, the end of the strip opposite said off-set portion resting flat against the bottom of said recess and being attached to the sash frame, the recess between said point of attachment

of the strip and the off-set portion thereof having its bottom re-entrantly inclined, and a screw passing through the strip opposite the deepest portion of this last named



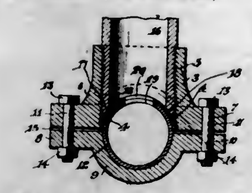
part of the recess and engaging the window sash whereby the strip may be shifted inward against the action of said spring or may be permitted to shift outward under the action of the spring.

1,570,886. FLEXIBLE TUBE. WILLIAM H. FULTON, Irvington, and HERMAN SHELLMER, Newark, N. J., assignors, by mesne assignments, to Titeflex Metal Hose Co., a Corporation of New Jersey. Filed Sept. 5, 1919. Serial No. 321,747. 3 Claims. (Cl. 137—75.)



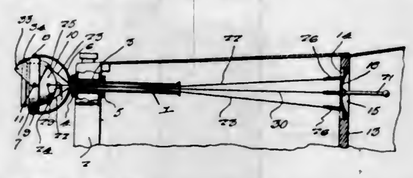
1. A flexible tube comprising a helical strip having edges of adjacent convolutions interfolded, said strip having a longitudinal fold or groove, and the parts interfolded together having positive engagement with each other holding them permanently from relative movement longitudinally of the tube and a packing interposed between portions of said interfolded parts which portions are displaced from each other radially of the tube.

1,570,887. PIPE CONNECTION. WILLIAM B. GRAVES, Kingman, Ariz. Filed Dec. 29, 1924. Serial No. 758,718. 3 Claims. (Cl. 285—195.)



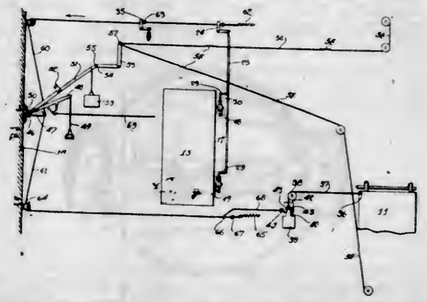
1. A take-off pipe connection comprising a pair of oppositely disposed saddles each having the medial part thereof shaped to surround a pipe line, means for detachably connecting the saddles to the pipe line, one of said saddles having its medial part provided with an opening of the same diameter throughout and through which extends a part of the pipe line, the said saddle further formed with an outwardly projecting sleeve registering with and having its inner diameter the same as the diameter of said opening, a take-off pipe extending into and connected to said sleeve and having its inner end edge bevelled inwardly in a curvelinear manner whereby the said edge at said end will be of greater width than the thickness of its body, and a flexible packing disk arranged within said opening and sleeve, permanently spaced from the walls thereof, mounted on the periphery of the pipe line and positioned against the bevelled inner end edge of said take-off pipe, said disk formed with an opening for establishing communication between the pipe line and take-off pipe and further having its outer edge spaced from the inner end of said opening in said saddle.

1,570,888. DIRIGIBLE HEADLIGHT. ARTHUR W. GRAY, Pueblo, Colo. Filed Feb. 4, 1925. Serial No. 6,745. 1 Claim. (Cl. 240—61.)



A dirigible headlight comprising in combination with the radiator and dash board of a motor vehicle, a tube extending transversely through the radiator, a yoke on the outer end of said tube, a ring pivotally supported in said yoke and adapted to rotate on a vertical axis, a headlight pivotally supported in said ring at right angles to the aforementioned pivot adapted to rotate on a horizontal axis, cables secured at predetermined points to the headlights and extending through said tube, means on said dash board connected to the opposite ends of said cables for moving said headlights on said vertical and horizontal pivots independently, said means comprising a disc, and a ring, said disc and said ring being disposed within an opening provided therefor in said dash board, said ring being adapted to rotate on a vertical axis in said openings, the disc being adapted to rotate on a horizontal axis in said ring, a handle associated with said disc, and resilient means associated with the rear ends of the cables and said disc for returning the headlight to its normal position.

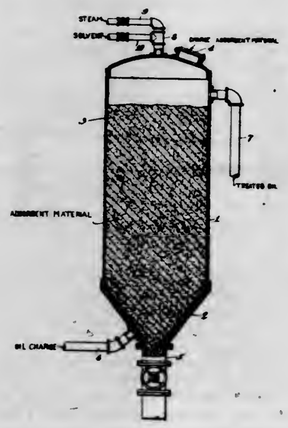
1,570,889. RELEASING DEVICE FOR LIVESTOCK. HERMAN T. GREATHOUSE, Lexington, Ky. Filed Apr. 30, 1925. Serial No. 27,009. 9 Claims. (Cl. 119—115.)



1. In a releasing device for live stock, an inclosure including a plurality of restraining devices for preventing exit of the animals, separate means for retaining each restraining device in its restraining position, a connection between all of said means for simultaneously re-

leasing the same, a weight operated lever associated with said connecting means for operatively moving the same, fusible link restraining means for the weight operated lever and a hand operated lever for operating said connecting means independently of movement of the weight operated lever.

1,570,890. TREATING HYDROCARBON OILS. FRANK W. HALL, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y., a Corporation of Texas. Filed Sept. 20, 1921. Serial No. 501,986. 5 Claims. (Cl. 196—147.)

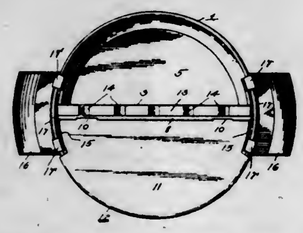


1. The process of treating hydrocarbon lubricating oils that comprises passing the oil, substantially free from water, upwardly through a mass of adsorbent clay.

1,570,891. UTILIZING CORNCOBS. HERMAN HEUSER, Chicago, Ill. Filed Mar. 22, 1923. Serial No. 626,903. 12 Claims. (Cl. 99—11.)

8. A food stuff consisting of a mixture of corncobs and germinated cereal containing products of proteolytic and amyolytic enzyme conversion of the former.

1,570,892. WASHTUB ATTACHMENT. WALTER A. HILL, Columbus, Ohio, assignor to Robert R. Watson, Columbus, Ohio. Filed May 14, 1924. Serial No. 713,356. 3 Claims. (Cl. 15—264.)



1. In combination with a tub, a perforated partition member, a flange on said member, a partial closure hinged to said flange, arcuate plates secured to said member, and buckets secured to said plates as and for the purpose described.

1,570,893. METHOD OF MAKING ALUMINUM-SILICON-ALLOY CASTINGS. DOUGLAS B. HOBBS, Cleveland, Ohio, assignor to Aluminum Company of America, a Corporation of Pennsylvania. Filed Apr. 29, 1925. Serial No. 26,809. 6 Claims. (Cl. 148—11.)

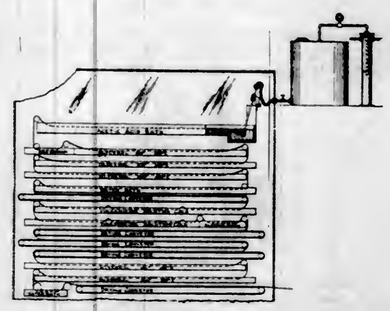
1. The method of making aluminum-silicon alloy castings, comprising filling a non-chilling mold with molten aluminum-silicon alloy, promptly removing the casting from the mold after initial solidification, and rapidly chilling the casting.

1,570,894. FUSIBLE LINK. MORTON K. HOPKINS, Chicago, Ill., assignor to John L. Kennedy, Chicago, Ill. Filed July 21, 1919. Serial No. 312,225. 2 Claims. (Cl. 169—42.)



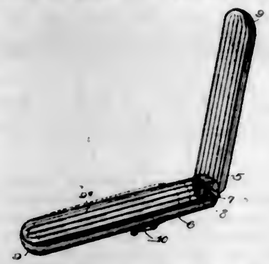
1. A fusible link comprising opposed members, the said members each having a recessed part, which when brought into registration provides a keyway, one of said depressions being of larger area than the other, the smaller depression being provided on an end wall with an inclined part connecting with the face of the plate, in combination with a cooperating key on one side formed to loosely seat in the smaller depression and having an inclined edge part, the space between said inclined part of the key and wall of the recess being unobstructed whereby in separating movement the said inclined parts contact, said key having a part thereof lying on the inner surface of the member having the smaller depression.

1,570,895. PROCESS FOR MAKING ARTICLES OF VARIOUS SHAPES DIRECTLY FROM SOLUTIONS OR SUSPENSIONS OF RUBBER, AND TO THE ARTICLES SO OBTAINED. ERNEST HOPKINSON, New York, and WILLIS A. GIBBONS, Little Neck, N. Y., assignors to Revere Rubber Company, Chelsea, Mass., a Corporation of Rhode Island. Original application filed Apr. 17, 1923, Serial No. 632,609. Divided and this application filed June 10, 1925. Serial No. 36,082. 8 Claims. (Cl. 18—54.)



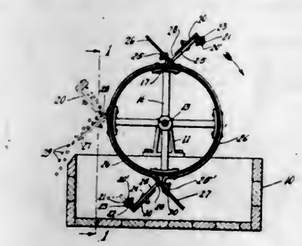
1. A process for making tubing which comprises passing a stream of rubber latex through an opening adapted to form a tube, forming a tube from the rubber latex, and supporting the walls of the tube by a liquid core.

1,570,896. CIGAR BOX. WALTER JAEGER and HERMAN POTSTOCK, Chicago, Ill.; said Jaeger assignor to Christ Bullinger, Chicago, Ill. Filed Dec. 24, 1920. Serial No. 432,948. 1 Claim. (Cl. 206—41.)



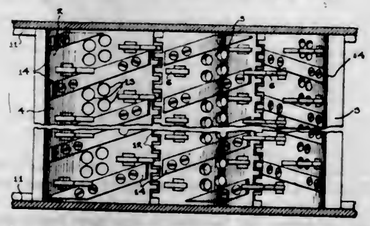
A cigar box shaped to substantially conform to a single cigar and comprising a pair of sections pivoted together at one end, each section being provided with a corrugated sheet metal liner secured therein and extending over substantially its entire inner area, said sections having their contiguous side edges and other end overlapped so as to form a substantial tight joint therebetween when a lighted cigar is held in the box between the two corrugated liners.

1,570,897. SCREENING DEVICE. CURT G. KNOBLAUCH, Park Ridge, Ill., assignor to Leslie P. Green, Chicago, Ill. Filed Nov. 26, 1923. Serial No. 677,132. 8 Claims. (Cl. 209—270.)



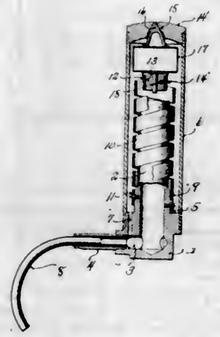
1. A screening device comprising a rotary cylindrical screen having means mounted longitudinally on the outside of said screen to elevate material, means adjustably mounted on the outer edge of said elevating means to vary the capacity thereof, and deflecting means mounted rearward of said elevating means to discharge the elevated material.

1,570,898. CONCAVE FOR THRASHING MACHINES. ULRICH F. LANDIS, Kiowa, Kans. Filed Oct. 21, 1924. Serial No. 744,913. 1 Claim. (Cl. 130—27.)



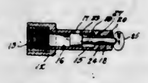
In a concave for thrashing machines, the combination with a cylinder, of a concave for operating with the cylinder and being composed of upper rear, lower forward and intermediate sections provided with rows of teeth, and a plurality of plates interposed between the teeth, the plates of the upper rear section being flat and disposed on angles to the faces of the teeth and the direction of travel of the grain, thereby imparting an angular twist to the grain, and the plates on the lower forward and intermediate sections also being flat and disposed on angles to the faces of the teeth and the direction of grain travel, but opposite to the first angle, thereby imparting an angular twist to the grain in the opposite direction to more thoroughly thrash the grain in its passage between the concave and the cylinder.

1,570,899. THERMOSTATIC VALVE. ANTON LIJESKI, Milwaukee, Wis., assignor of one-half to Frank B. Kantorski, Milwaukee, Wis. Filed June 15, 1925. Serial No. 37,359. 1 Claim. (Cl. 236—62.)



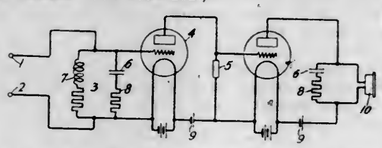
A thermostatic valve comprising a base portion having an upwardly extending apertured central pipe, said base portion having an aperture extending thereinto and adapted to communicate with a radiator, said base portion having a duct extending upwardly and communicating with said aperture, a casing extending upwardly from said base portion, a top carried by said casing and provided with a valve seat, a helical member composed of two dissimilar metals secured to said base portion, and surrounding said upwardly extending pipe, a hub carried by the upper end of said helical member, a float loosely connected with said hub, and a valve carried by said float and adapted to cooperate with said valve seat.

1,570,900. COLLAPSIBLE TUBE. ROBERT H. LIEBERTHAL, Bridgeport, Conn., assignor to The All-In-One Manufacturing Company, Incorporated, Bridgeport, Conn., a Corporation of Connecticut. Filed Oct. 10, 1922. Serial No. 593,612. 7 Claims. (Cl. 221—60.)



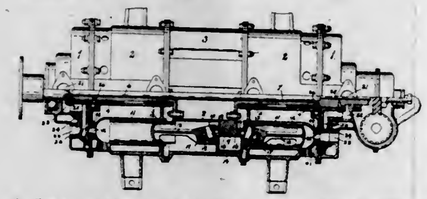
1. A discharge nozzle for a collapsible tube provided with a discharge opening, a closure for said opening, and means for securing the closure over said opening said means being movable to nonsecuring position by a rotary movement of said closure, and said closure being so arranged that it is movable from closing position by pressure from the contents of the tube when said securing means is released.

1,570,901. AMPLIFYING SYSTEM. SIEGMUND LOEWE, Berlin, Germany, assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Mar. 19, 1921. Serial No. 453,844. 14 Claims. (Cl. 179—171.)



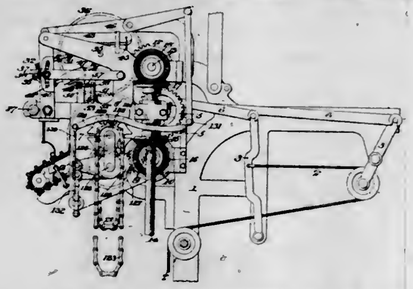
1. A repeater of the space current type, having an electrostatic control element and an input circuit, and a network including shunt elements only and containing reactance and resistance in series, connected to said input circuit and having a substantially constant impedance for oscillations of all frequencies impressed upon said input circuit.

1,570,902. ENGINE. WILLIAM E. LOONEY, Detroit, Mich. Filed Feb. 15, 1922. Serial No. 536,631. 3 Claims. (Cl. 123—190.)



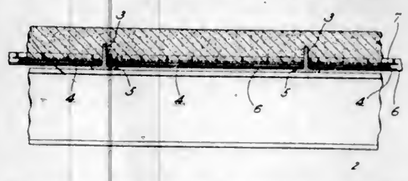
1. In an engine comprising a cylinder and a head for one end thereof, a combined intake and exhaust valve mounted to slide between the end of the cylinder and the cylinder head, a packing-member comprising a plate adapted to bear against the valve, and a thimble extending into the adjacent end of the cylinder, said packing member having holes through said plate adjacent the outer surface of the thimble to permit the passage of gases.

1,570,903. PATTERN MECHANISM FOR LOOMS. WILLIAM J. LUTTON, Paterson, N. J., assignor of one-half to Maurice Franck, Paterson, N. J. Filed Apr. 14, 1924. Serial No. 706,457. 16 Claims. (Cl. 139—326.)



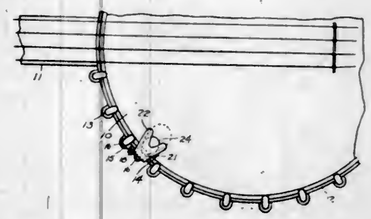
1. In a pattern mechanism for looms, the combination with a shuttle box pattern chain, a multiplier pattern chain, mechanism coacting with said chains to control the movement of the chains, and vibrating levers, of a supplemental shuttle box pattern chain, means connected to the vibrating levers and actuated by the supplemental shuttle box pattern chain for controlling the movement of the vibrating levers, and mechanism for moving said last named chain laterally to present different surfaces of the chain to said means for actuating the vibrating levers.

1,570,904. ROOF OR FLOOR CONSTRUCTION. HERBERT E. MARKS, Sewickley, Pa. Filed Apr. 16, 1923. Serial No. 632,243. 2 Claims. (Cl. 108—6.5.)



1. A roof of the character described, comprising purlins, metal angle members supported on the purlins and presenting oppositely projecting flanges, small angle members having substantially straight longitudinal axes extending between the first named angle members and resting on the flanges of the latter and also presenting oppositely projecting flanges and an upstanding flange provided with spaced notches, the bottoms of which lie in a plane closely adjacent to that of the base portions of the said small angle members, thin composition boards bridging the space between said angle members, metallic mesh having its longitudinal members entering the notches in the second named angle members and supported by the latter in closely spaced relation to the composition boards, and cementitious material embedded in all of said metallic members and bonded to said composition boards.

1,570,905. PICK HOLDER FOR FRETTED MUSICAL INSTRUMENTS. JOHN MARTELL, New York, N. Y. Filed Jan. 18, 1924. Serial No. 686,947. 5 Claims. (Cl. 84—329.)



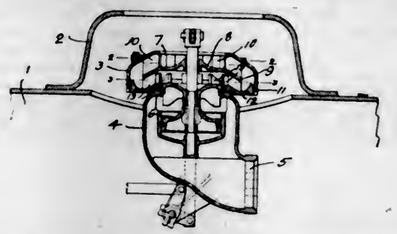
1. A pick holder attachment for fretted musical instruments, comprising a rigid supporting bracket, and separate yieldable means carried by the bracket and normally contacting therewith for yieldably holding a pick against the bracket and over the head of the instrument.

1,570,906. DEVICE FOR ADVERTISING AND PROMOTING THE SALE OF AN ARTICLE OR MATERIAL. RHEY MCCORD, St. Louis, Mo. Filed Mar. 2, 1925. Serial No. 12,669. 1 Claim. (Cl. 35—12.)



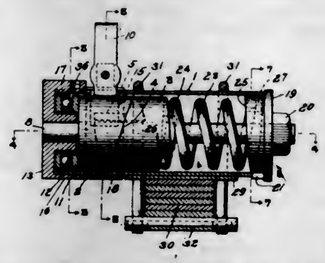
An advertising device, consisting of a book, each two opposed pages of which bear a picture of an object, suggesting the advertised article, and printed matter relating to the same, the picture on one page being complete and that on the other being in outline, in combination with a plurality of picture sections, adapted to complete said outline picture to reproduce said complete picture, as and for the purpose set forth.

1,570,907. STEAM SEPARATOR. NEAL TRIMBLE MCKEE, Mount Vernon, N. Y., assignor to The Superheater Company, New York, N. Y. Filed June 20, 1923. Serial No. 646,531. 5 Claims. (Cl. 183—80.)



1. In a device of the class described the combination of a casing having an opening at one end for the admission of steam in a direction parallel to the axis of the casing; means to deflect the steam outward from the axis and at the same time give it a rotary motion; a chamber wherein the steam moves in a rotary path and where any water is thereby separated out; means to permit the water so separated to leave the casing; a delivery conduit extending from the opposite end of the casing; and means between said chamber and said delivery conduit to remove the rotary component from the motion of the steam while passing toward the delivery conduit.

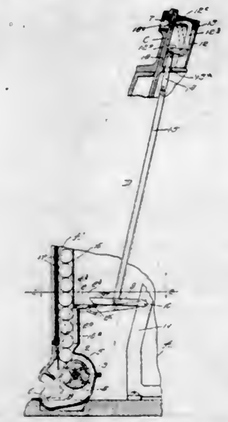
1,570,908. SHOCK ABSORBER. GOTTLIEB MERZ, McKeesport, Pa. Filed July 7, 1925. Serial No. 42,002. 5 Claims. (Cl. 267—9.)



1. A shock absorber comprising a casing, a cam member rotatably but axially immovably mounted in said casing, a second cam member mounted for axial movement in the casing, said cam members being provided with complementary contacting cam faces, whereby rotation of the first members moves the second axially, a fixed abutment in the outer end of the casing, a compression spring between said abutment and the axially movable cam member and arranged to prevent rotation of the latter, and means to rotate the first-named cam member to thereby axially move the second and compress said spring.

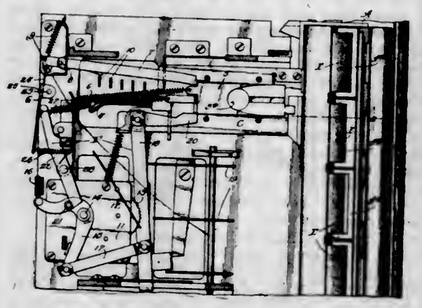
1,570,909. SLOT-GUARD DEVICE. FRED L. MILLS, Oak Park, Ill., assignor to Mills Novelty Company, Chicago, Ill., a Corporation of Illinois. Filed May 3, 1924. Serial No. 710,782. 1 Claim. (Cl. 194—1.)

In a machine of the character set forth, the combination of a vertically disposed elongated article chamber for holding a column of articles, the rear wall of said chamber being equipped near its lower end with a housing, a bell-crank lever pivotally mounted in the upper portion of said housing and having a depending arm normally sheathed within said housing which is adapted to be projected into said chamber, said bell-crank lever having at its upper portion a rearwardly projecting arm, a lever having its free end supported on said rearwardly projecting arm, a coin-slot, a slot-obstructing bell-crank lever pivotally supported back of said coin-slot and having



an arm adapted to be projected into the coin-slot and having a forwardly extending actuating arm, and links connecting said second-mentioned lever with said actuating arm and normally supporting said slot obstructing bell-crank lever in the non-obstructing position.

1,570,910. LATCH-CONTROLLING DEVICE FOR COIN-CONTROLLED MACHINES. FRED L. MILLS, Oak Park, Ill., assignor to Mills Novelty Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 29, 1925. Serial No. 5,509. 4 Claims. (Cl. 211—8.)

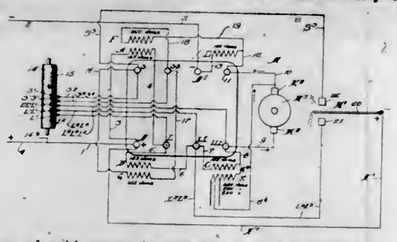


1. In a coin-controlled machine of the character set forth, the combination with a coupon magazine, a stack of pay-out slides associated therewith, springs tending to move said slides to the discharging position, and latch levers engaging said slides, of a locking-device normally preventing accidental releasing movement of said latch levers, and means actuated by the coin-controlled mechanism of the machine serving to retract said locking-device.

1,570,911. MOTOR-CONTROLLING MEANS. BERTIE E. MILLS, Oak Park, Ill., assignor to Mills Novelty Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 9, 1925. Serial No. 7,908. 5 Claims. (Cl. 171—230.)

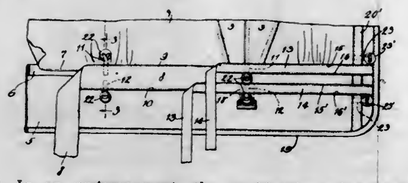
1. In motor mechanism for violin players and the like, the combination of a motor provided with field coils normally in the main circuit of the motor, expres-

sion-circuits adapted to be closed to cut out one or more of said coils, a governor-controlled circuit adapted to cut out one or more of said coils and thus modify the



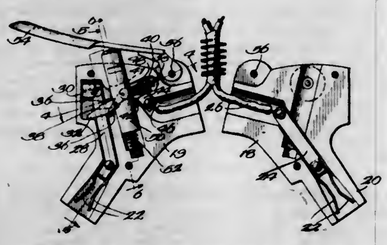
action of said expression-circuits, and a centrifugal governor actuated by the motor and controlling said last-named circuit.

1,570,912. UNDERWAIST. BENJAMIN MOSKOWITZ, New York, N. Y. Filed July 17, 1923. Serial No. 652,034. 2 Claims. (Cl. 2—112.)



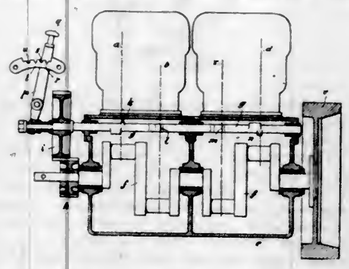
1. In an undergarment, the combination of a single ply of material forming a body portion and a belt portion of double ply extending from said body portion and joined thereto, a waist band superimposed on said body portion at the junction between said body portion and said belt portion, a series of spaced tabs located between said body portion and said waist band adjacent the upper edge of the latter, a line of stitching passing through said waist band and through said tabs, another series of spaced tabs held between the body portion and said waist band, said tabs and the body portion adjacent the lower edge thereof, reinforcing strip superimposed on said waist band adjacent the upper edge thereof and secured thereto by stitchea passing through said strip, waist band, upper tabs and the body, another reinforcing strip superimposed on said waist band adjacent the lower edge thereof and secured by a line of stitches passing through said waist band and said lower tabs and the body, said first series of tabs being folded back under the first mentioned reinforcing strip and fastened down therewith.

1,570,913. SNAP SWITCH. CHARLES L. MOYER, Chicago, Ill. Filed Oct. 23, 1924. Serial No. 745,377. 4 Claims. (Cl. 200—157.)



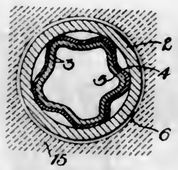
3. In a snap switch a switch blade, a lever for operating it, a rod connected to the lever at a point remote from the lever pivot, said rod being movably supported at a point remote from its point of connection to the lever whereby the lever and rod form two elements of a toggle-like couple, a spring associated with said couple for urging the same past center in either direction as soon as center position is passed, and a plunger slidable transversely to said couple and adapted to engage said couple at the connected portion thereof for moving it past center.

1,570,914. STARTING MECHANISM FOR INTERNAL-COMBUSTION ENGINES. FRIEDRICH MÜLLER, Vienna, Austria. Filed Mar. 25, 1921. Serial No. 455,575. 5 Claims. (Cl. 123—182.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



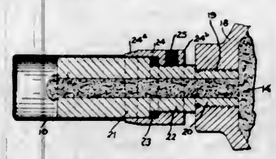
1. In an internal combustion engine having relief valves and a camshaft therefor, a plurality of cams on said shaft for each valve and means adapted to shift said camshaft step by step to produce successive engagement between said cams and said valves.

1,570,915. DEVICE FOR CONSTRUCTING CULVERTS OF CONCRETE. TOICHI NOSE, Kamakura Gun, Kanagawa Ken, Japan. Filed Mar. 2, 1925. Serial No. 12,629. 2 Claims. (Cl. 25—128.)



1. A core for molding culverts of concrete consisting in the outer tube made of elastic substance smaller in diameter than the diameter of the bore to be formed, and thrusted therein an inner tube of flexible but substantially unextensible material larger in diameter than that of the outer tube.

1,570,916. APPARATUS FOR INTRODUCING PASTE INTO DRY-CELL CUPS. HAROLD DE OLANETA, New Haven, Conn., assignor to Winchester Repeating Arms Company, New Haven, Conn., a Corporation of Connecticut. Filed June 9, 1920. Serial No. 387,674. 2 Claims. (Cl. 226—125.)



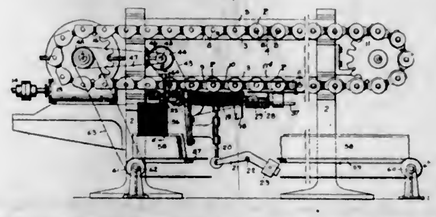
1. An apparatus for dispensing paste into dry cell cups comprising a container having a nozzle through which the paste is discharged, said nozzle being of sufficient length to extend to the bottom portion of the cup and having a relatively small bore and an end surface of substantial area, the exterior diameter of which surface is substantially that of the interior diameter of the cup, whereby the paste discharged into the cup will be confined between the end face of the nozzle and the cup bottom, and means for limiting the insertion of the nozzle within the cup whereby a predetermined quantity of paste may be introduced therein.

1,570,917. GARMENT. JACOB L. ORENT, New York, N. Y. Filed Jan. 7, 1925. Serial No. 989. 3 Claims. (Cl. 2—70.)



1. A convertible garment of the character described comprising a jacket having a lining, a skirt, reinforcing means incorporated within the garment structure, a placket formed by the edge portions of the exterior material of the jacket, and the lining for receiving the upper edge of the skirt, said means extending into said placket, and fasteners on the portions of said means in said placket for detachably securing the skirt to the jacket, said fasteners constructed to interlock for holding the placket closed when the skirt is detached from the jacket.

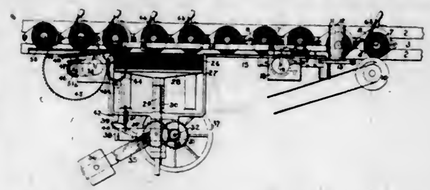
1,570,918. CONVEYER AND PACKAGE-LABELING MACHINE. PHILIP D. PARSONS, Philadelphia, Pa., assignor to Scott Paper Company, a Corporation of Pennsylvania. Filed Sept. 18, 1924. Serial No. 738,364. 17 Claims. (Cl. 216—57.)



1. A machine of the character stated, comprising an endless conveyer having lateral pins at intervals along its length adapted for carrying in suspension rolls of paper to be labeled with encircling bands, combined with means for applying said bands consisting of devices for causing the paper rolls to rotate upon the pins of the conveyer, magazine means for feeding the bands or labels into position for the rolls to roll over them, and means for supplying adhesive material whereby the rolls when rolling over the bands or labels are caused to pick up and wrap the same about themselves in succession.

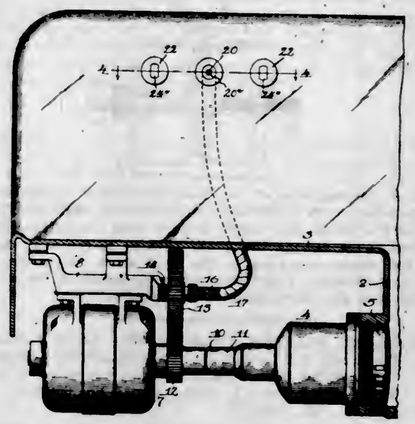
1,570,919. LABEL-APPLYING MACHINE. PHILIP D. PARSONS, Swarthmore, Pa., assignor to Scott Paper Company, a Corporation of Pennsylvania. Filed Sept. 24, 1925. Serial No. 58,279. 8 Claims. (Cl. 216—57.)

1. A machine of the character stated, comprising a traveling conveyor having lateral pins at intervals along its length adapted for carrying in suspension rolls of paper to be wrapped with encircling bands, combined with means for applying said bands consisting of devices for causing the rolls to rotate about the pins while being conveyed by the conveyor, a container or magazine for the bands, a hold-down bar, means for normally moving the bands upward against the hold-down bar, means for applying paste to the edges of the uppermost label adjacent to the hold-down bar, and



means for automatically removing the pressure from the bands, said means operative intermittently and synchronously with the passage of each pin for the rolls whereby the bands are released from the container and hold-down bar after having been applied to the rolls.

1,570,920. POWER ATTACHMENT FOR KITCHEN UTENSILS AND THE LIKE. ERICH J. PATELSKI, Chicago, Ill. Filed Dec. 17, 1923. Serial No. 681,182. 7 Claims. (Cl. 74—7.)

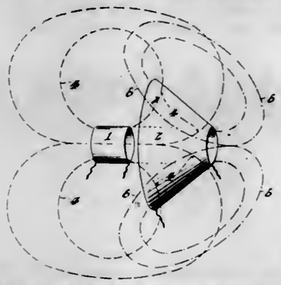


1. The combination with a utensil of a supporting panel therefor, a motor driven element journaled in said supporting panel, a socket adjacent said motor driven element, said utensil being provided with a member adapted to engage said motor driven element, and a locking member adapted to be inserted in said socket, and a spring pressed plunger normally closing the opening to said socket.

1,570,921. ELECTRICAL TRANSFORMER. EDWARD B. PATTERSON, Merchantville, N. J. Filed Apr. 14, 1925. Serial No. 22,934. 4 Claims. (Cl. 170—359.)

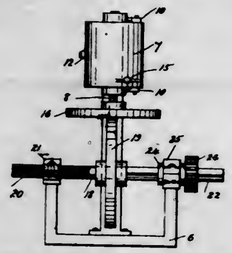
1. In an electrical transformer; the combination with a cylindrical helically coiled primary electrical conductor; of a conically helically coiled secondary electrical conductor, in coaxial telescopic relation therewith; said primary coil being adjacent the larger end of the secondary coil and the relative position of said coils being such that the major portion of the lines of force in the magnetic field produced by electrically energizing said primary coil interlink with the convolutions of said secondary coil, but only a negligible minor portion of the

lines of force in the magnetic field thus induced in said secondary coil interlink with said primary coil; whereby the maximum inductive effect of said primary coil upon



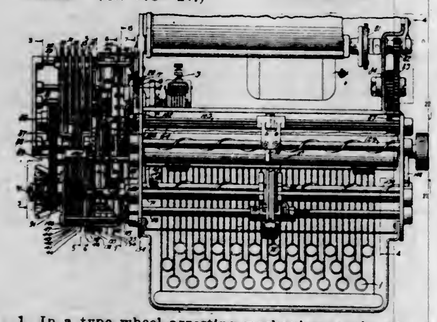
said secondary coil is attained but the counter-inductive effect of said secondary coil upon said primary coil is minimized.

1,570,922. SERVOMOTOR. OTTO PHILIPP, Washington, D. C. Filed July 6, 1925. Serial No. 41,698. 4 Claims. (Cl. 74—26.)



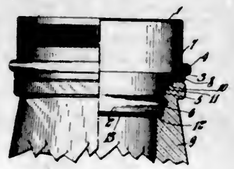
1. In apparatus of the class described, a rotary motor provided with a friction driving disk, a shaft provided with a driven disk which engages with the driving disk, means for moving the motor parallel to the said shaft, and means operated by the said shaft for moving it longitudinally in the same general direction as the motor to stop the driven shaft automatically.

1,570,923. PRINTING TELEGRAPHY. LOUIS M. POTTS, Highwood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 29, 1922. Serial No. 609,579. 28 Claims. (Cl. 178—27.)



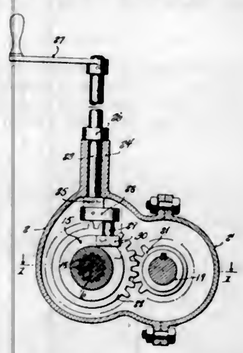
1. In a type wheel arresting mechanism, a plurality of movable members, means for setting said members in predetermined combinations, and means loosely supported by said members and effective upon the movement thereof to form a rigid stop at various positions for said type wheel.

1,570,924. RECEPTACLE CLOSURE. ROBERT A. RUSSELL, Ridgewood, N. J., assignor to Paragon Can & Cap Company, Inc., Patterson, N. J., a Corporation of New York. Filed Mar. 26, 1923. Serial No. 627,710. 6 Claims. (Cl. 215—49.)



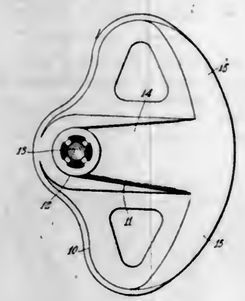
1. In combination, a receptacle having interior closure engaging means, a shoulder located below said means, a shoulder located above said means, and a surface surrounding and above said last named shoulder, together with a sheet metal closure comprising an upper member, a lower member provided with a laterally extending flange, a seam at the perimeter of said flange uniting said members, said lower member being adapted to cooperate with the shoulder located below the closure engaging means, and said flange being adapted to cooperate with the shoulder located above the closure engaging means and with the surface surrounding said last named shoulder.

1,570,925. TWO-SPEED POWER UNIT. WILLIAM H. SCHMIDT, Milwaukee, Wis. Filed Oct. 4, 1924. Serial No. 741,615. 2 Claims. Cl. 74—39.)



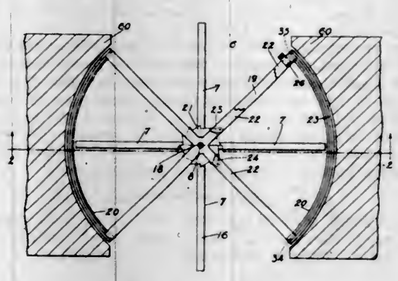
1. A two speed power unit for tractors comprising a two part casing, a driving shaft carried by one portion of said casing and supported adjacent the inner and outer ends of said portion, a driven shaft carried by the other portion of said casing and projecting through the outer wall of such portion and aligning with said driving shaft, said shafts having mutually cooperating means for mutually supporting the adjacent ends thereof, said shafts having a plurality of keys formed thereon at their juxtaposed portions, a sleeve splined to the keyed portions of said shafts and slidably mounted thereon, said sleeve adapted to be carried wholly by said driven shaft when in neutral position and adapted to directly connect said shafts when moved into a position overlapping both shafts, a jack shaft mounted parallel to said shafts, reduction gearing connecting said jack shafts and said driving shaft, a driving pinion rigidly carried by said jack shaft, a driven gear rigidly carried by said sleeve and adapted to mesh with said driving pinion when said sleeve is moved to its outermost position upon said driven shaft, a rock shaft projecting through said casing and having a crank portion operatively connected with said sleeve and adapted to shift said sleeve to any one of several positions, and means for holding said rock shaft in any one of its adjusted positions.

1,570,926. GOLF TEE. JOHN W. SIBBALD, New York, N. Y. Filed Oct. 10, 1925. Serial No. 61,629. 4 Claims. (Cl. 273—33.)



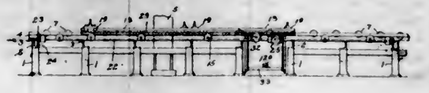
1. A golf ball tee, comprising a supporting base having a protruding boss or hub, an arm with inclined approach and guide surface extending from said base substantially to the top of the said hub, and a recessed member adjustably mounted in said boss adapted to receive a golf ball.

1,570,927. SAFETY DOOR STRUCTURE. EDWIN EGMONT SPOTTSWOOD, Cincinnati, Ohio. Filed May 27, 1925. Serial No. 33,308. 7 Claims. (Cl. 20—1.1.)



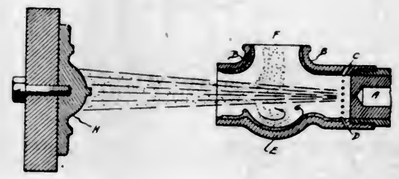
1. In a safety door structure the combination with revolving doors mounted for one-way rotation in an entry way, of oppositely spaced arcuate doors mounted for movement in a circle about the revolving doors, and means for locking the revolving doors and arcuate doors whereby said doors may be moved in one direction only with the arcuate doors forming closures for the spaces between the revolving doors.

1,570,928. METAL-PERFORATING MACHINE. GEORGE P. THOMAS, Glenshaw, Pa. Filed June 26, 1924. Serial No. 722,447. 33 Claims. (Cl. 164—117.)



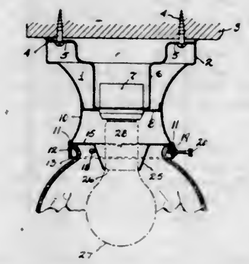
1. The combination with a metal perforating machine, of a universally movable templet and work support comprising a table, a frame mounted on said table for movements to and from said machine and provided with a plurality of blank-supporting rollers, and a carriage mounted upon one side of said frame for movements at right angles to those of the frame, said carriage being provided at a side thereof with clamps for engaging one side of a blank otherwise resting freely upon said frame rollers.

1,570,929. METHOD OF PROTECTING THE SURFACE OF METAL MOLDS. STANLEY M. UDALE and DANIEL H. MELOCHE, Detroit, Mich. Original application filed May 6, 1922, Serial No. 559,076. Divided and this application filed May 23, 1925. Serial No. 32,279. 1 Claim. (Cl. 22—189.)



The method of protecting the metal surface of permanent iron molds, which consists in heating the surface of the iron molds by means of the flame of a blow torch directed against the surface of the said molds and injecting into the flame powered magnesium oxide, whereby the particles of magnesium oxide are carried against the surface of the iron molds which are thereby coated with the magnesium oxide.

1,570,930. LIGHTING-FIXTURE CONSTRUCTION. ALBERT F. WAKEFIELD, Vermilion, Ohio, assignor to The F. W. Wakefield Brass Company, Vermilion, Ohio, a Corporation of Ohio. Filed Mar. 18, 1925. Serial No. 16,359. 10 Claims. (Cl. 240—78.)

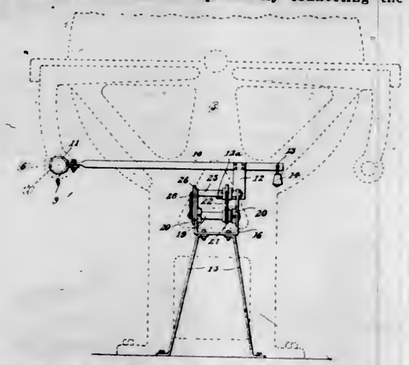


1. In a lighting fixture, the combination of an outer shell having an internally extending shoulder and terminating in a globe holding flange below said shoulder, an apertured baffle plate removably mounted in said flange and against said shoulder, and a locking ring adapted to be removably mounted on the inside of said flange and against the edge of said plate to conceal the latter.

1,570,931. TENSION-CONTROL INDICATOR. CHARLES W. YOUNG, Killingly, Conn. Filed Feb. 13, 1925. Serial No. 9,027. 4 Claims. (Cl. 265—1.)

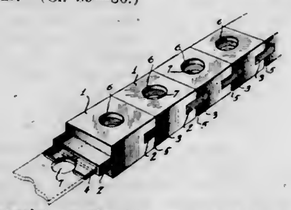
1. In a twister or the like, the combination with a tension bar, of a tension lever clamped thereupon, said

tension lever having a depending extension, an indicator element, and means for operatively connecting the ele-



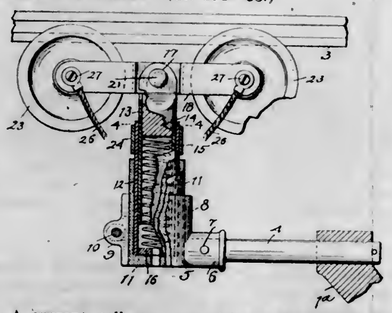
ment with said depending extension for causing movement of the extension to produce movement of the indicator element.

1,570,932. FLEXIBLE BRACELET OR THE LIKE. EMIL I. ANDERSON, New York, and NILS E. ANDERSON, Bronx, N. Y. Filed May 22, 1924. Serial No. 715,240. 4 Claims. (Cl. 59—80.)



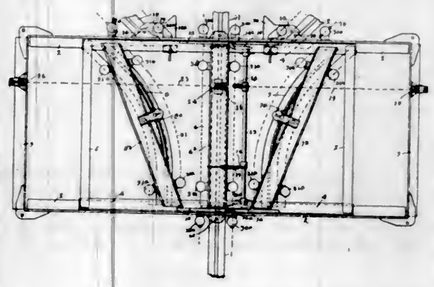
1. A bracelet or the like embodying a plurality of hollow boxes positioned end to end and each of which is provided across both of its ends with transverse slots extending entirely across the box, a tubular bushing positioned within the adjoining slots of each two adjacent boxes with the opposite exposed edges of the bushings substantially flush with the corresponding edges of the boxes, and a metallic band extending through the boxes and bushings and of a width substantially equal to the interior widths of the boxes and bushings.

1,570,933. CURRENT COLLECTOR. EARL T. BENNINGTON, Willoughby, Ohio, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio, a Corporation of Ohio. Filed Sept. 5, 1924. Serial No. 736,040. 9 Claims. (Cl. 191—58.)



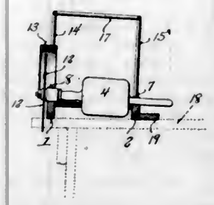
1. A current collector comprising a supporting member mounted to swing laterally and having a socket substantially at right angles to the pivotal axis thereof, a post slidably fitted in said socket, a spring acting upon said post to yieldingly press the same outwardly with respect to the socket, a rigid member pivoted intermediate its ends to said post and trolley wheels carried by said member on opposite sides of the post.

1,570,934. TRAMRAIL SWITCH. EARL T. BENNINGTON, Cleveland Heights, Ohio, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio, a Corporation of Ohio. Filed Nov. 28, 1924. Serial No. 752,686. 8 Claims. (Cl. 104—102.)



2. A tramrail switch comprising fixed frame, a main track terminating at one side of the frame, a plurality of tracks terminating at spaced points on the opposite side of the frame, a frame movably mounted on the fixed frame, a plurality of track sections carried by the movable frame, each adapted to connect the main track and one of said tracks at the opposite side of the fixed frame, a latch carried by the movable frame, means on the fixed frame with which the latch is adapted to engage to lock the movable frame in positions in which anyone of the rail sections is aligned with the main track, and pull cables extending in opposite directions and each connected to the latch to move the same to releasing position when a pull is exerted thereon.

1,570,935. POWER-DRIVEN SAW. PRENTICE BOOTH, North Fond du Lac, Wis. Filed May 17, 1924. Serial No. 714,029. 2 Claims. (Cl. 143—43.)

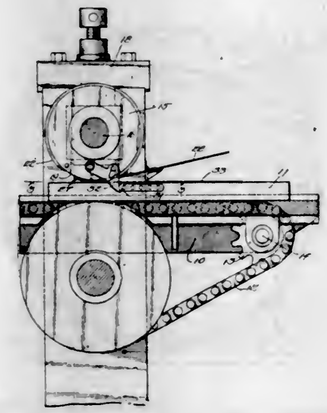


1. A device for trimming the edges of slanting roofs comprising a frame having an outer runner and an inner runner, said runners being of different heights whereby their upper edges are maintained in a horizontal plane, a motor secured to the upper edges of said runners, and a circular saw directly connected to said motor and positioned outside of said outer runner.

1,570,936. PAPER-GRIPPING DEVICE FOR PLATE PRINTERS. ALBERT P. BOWERS, Chicago, Ill., assignor to Columbian Bank Note Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 20, 1925. Serial No. 51,341. 6 Claims. (Cl. 101—158.)

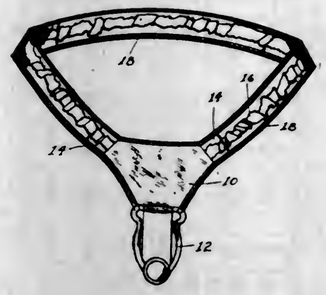
1. In a plate printing machine, an oscillating roll, a reciprocating table adapted to pass under said roll, a

plate carried thereby, means on said roll operable by said table for gripping a sheet of paper fed thereto, said



means releasing said sheet of paper after the latter is gripped between said roll and plate.

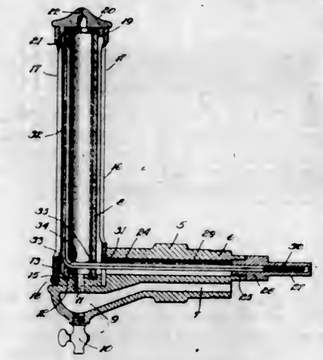
1,570,937. GARTER AND ARM BAND. ANNA PICHOWETZ BRAND, Chicago, Ill., assignor to Benjamin A. Brand, Chicago, Ill. Filed Apr. 7, 1924. Serial No. 704,871. 2 Claims. (Cl. 241—6.)



1. In a supporter, a limb encircling tube formed of opposed separate sections of flat and longitudinally elastic material, a non-elastic flat tape extending longitudinally within said tube and of a greater length than the normal length of the tube, and means joining the opposed tube sections along the longitudinal edges thereof and serving to retain said sections in flat opposed relation throughout.

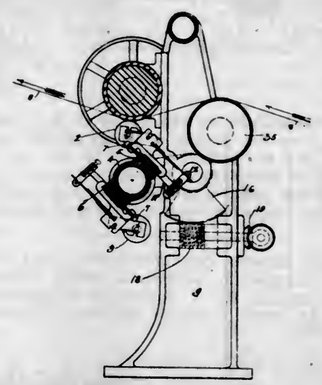
1,570,938. COMBINED SIGHT GAUGE AND THERMOMETER. MATTHEW J. BUTLER and ELMER A. JOHNSON, Joliet, Ill. Filed Aug. 1, 1923. Serial No. 654,984. 8 Claims. (Cl. 73—52.)

3. In a liquid level gauge for a vessel, a supporting member with a passageway therein for the liquid and having also a second passageway alongside the first to extend into the interior of the vessel, a tubular cap adapted to be positioned inside the vessel to close the



second passageway from communication to the interior of the vessel, said second passageway being adapted to house a temperature-sensitive device.

1,570,939. SLITTING MACHINE. JAMES A. CAMERON, Brooklyn, N. Y., and ROBERT McC. JOHNSTONE, Roselle Park, N. J., assignors to Cameron Machine Company, Brooklyn, N. Y., a Corporation of New York. Filed Dec. 3, 1923. Serial No. 678,333. 22 Claims. (Cl. 164—65.)

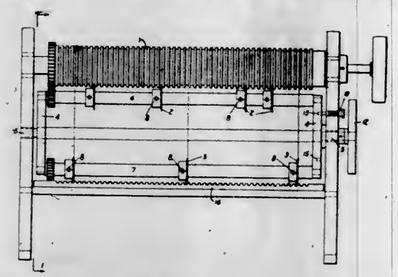


1. A slitting machine comprising: a carrying member mounted to turn, two groups of slitting elements on said carrying member, said groups being spaced circumferentially on said carrying member, slitting means to co-act with said slitting elements to slit a web, and means for turning said carrying member to bring either of said groups into proper position with relation to the slitting means.

1,570,940. SLITTING MACHINE. JAMES A. CAMERON, Brooklyn, N. Y., and ROBERT McC. JOHNSTONE, Roselle Park, N. J., assignors to Cameron Machine Company, Brooklyn, N. Y., a Corporation of New York. Filed Dec. 3, 1923. Serial No. 678,384. 6 Claims. (Cl. 164—65.)

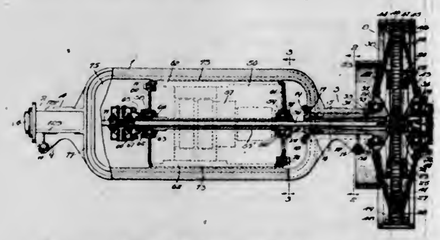
1. A slitting machine comprising: two groups of adjustable shear-cut slitting elements, grooved slitting means, means for bringing either of said groups of slit-

ting elements into proper position with respect to the grooved slitting means, a spacer bar grooved to correspond to the grooved slitting means, and means for ad-



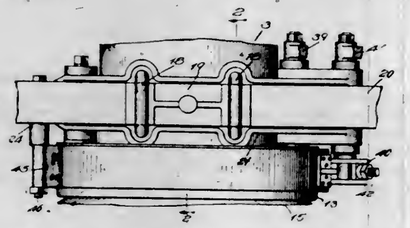
justing one group of slitting elements with respect to the grooves of the spacer bar while the other group is coacting with said grooved slitting means to slit the web.

1,570,941. AXLE FOR VEHICLES. JOHN G. CARROLL, Chicago, Ill., assignor to Walker Vehicle Company, Chicago, Ill., a Corporation of Illinois. Filed June 12, 1923. Serial No. 644,904. 12 Claims. (Cl. 180—62.)



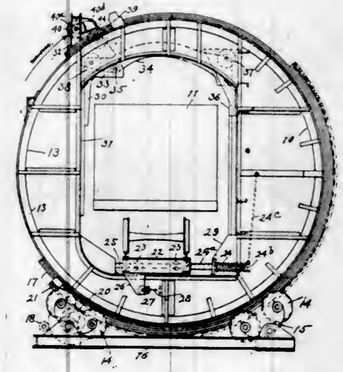
1. In combination, an axle having an open frame portion, and an end portion, a driving spindle extending through said end portion, a wheel on said end portion actuated by said driving spindle, and a motor having a field frame mounted in said frame and serving as a mechanical connection between the sides of the frame.

1,570,942. BRAKE CONSTRUCTION. JOHN G. CARROLL, Chicago, Ill., assignor to Walker Vehicle Company, Chicago, Ill., a Corporation of Illinois. Filed June 12, 1923. Serial No. 644,905. 6 Claims. (Cl. 188—75.)



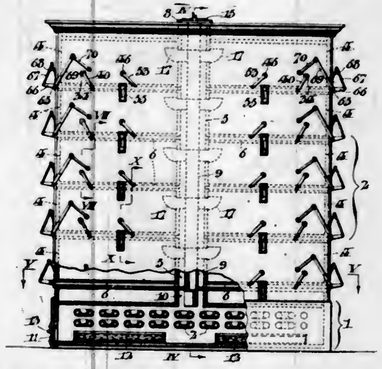
1. A spring pedestal comprising a central substantially horizontal web having vertical longitudinal flanges at its margins forming side supports or guides for a spring, depending portions at each end of said pedestal for straddling a support and preventing fore and aft movement of the pedestal relative the support, comprising a central transverse web joined to said flanges, and depending flanges having aligned apertures therethrough for supporting brake operating shafts.

1,570,943. CAR DUMPER. ARTHUR F. CASE, Cleveland, Ohio, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 22, 1923. Serial No. 682,144. 18 Claims. (Cl. 214—55.)



1. In a car dumper, a cradle adapted to receive a car and to be turned to dump the same, a car clamp carried by the cradle having a part adapted to extend across the top of the car and movable toward and from the top of the car, and means for slidably supporting the clamp at the side of the car receiving portion of the cradle opposite that toward which the cradle is turned to dump the car.

1,570,944. INCUBATOR. GEORGE W. CISCO, Hawthorne, N. J. Filed June 8, 1920. Serial No. 387,382. 17 Claims. (Cl. 119—35.)

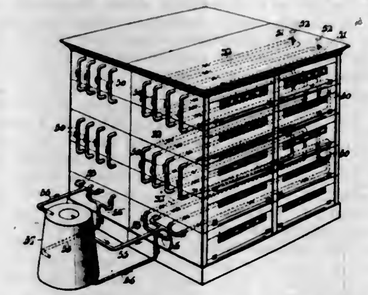


1. An incubator comprising a casing having therein a vertical series of compartments including a heating compartment and a plurality of incubation chambers, means in said heating compartment for heating the air therein, and means for delivering the heated air to the incubation chambers and automatically equalizing the distribution of heat thereby to the chambers at different heights.

1,570,945. INCUBATOR. GEORGE W. CISCO, Hawthorne, N. J., and JOHN F. MACKAY, Lancaster, Pa. Filed Aug. 18, 1920, Serial No. 404,289. Renewed June 25, 1925. 11 Claims. (Cl. 119—42.)

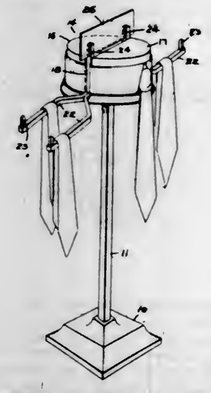
1. A sectional incubator comprising a multiplicity of superposed, interchangeable, chambered unit sections each having at both top and bottom spacing and engagement

means correlatively adapted to interlock with those at bottom or top of an adjacent section and to space the sections apart so that their top and bottom walls shall form a double wall partition with narrow air spaces



therein, and each also having therein a horizontal bank of radiating pipes with inlet and outlet connections to the exterior of the section for circulation of a heating medium through said pipes.

1,570,946. NECKTIE-DISPLAY STAND. SAMUEL COHN, New York, N. Y. Filed Feb. 29, 1924. Serial No. 695,883. 6 Claims. (Cl. 211—24.)



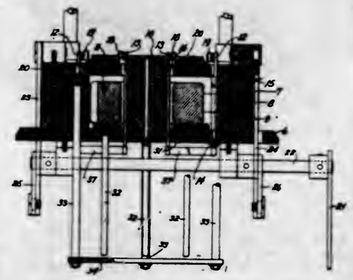
1. A display stand, comprising a cylindrical head portion split vertically into a plurality of segments and arms projecting from between the segments.

1,570,947. AUTOMATIC STRINGED INSTRUMENTS OF THE VIOL CLASS. NATHANIEL BANKS CREGIER, Chicago, Ill., assignor to Mills Novelty Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 24, 1923. Serial No. 664,587. 15 Claims. (Cl. 84—11.)



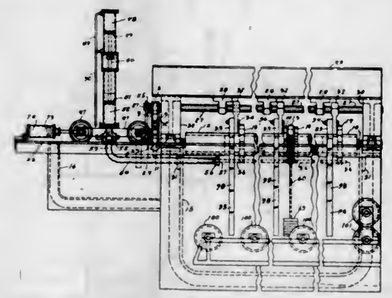
1. In apparatus for the operation of stringed instruments, means for sounding the individual notes playable upon each of the strings of said instruments, manually operable keys corresponding to each of said notes, and electric circuits controlled by the operation of said keys for operating the corresponding sounding means, the circuits controlled by certain adjacent keys corresponding to notes playable upon a single string of an instrument operating note sounding means of different instruments, whereby different notes from such selected string may be simultaneously sounded by simultaneous operation of the keys corresponding thereto.

1,570,948. TEST FIXTURE. JAMES L. CROUCH, Summit, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 27, 1923. Serial No. 659,549. 6 Claims. (Cl. 175—183.)



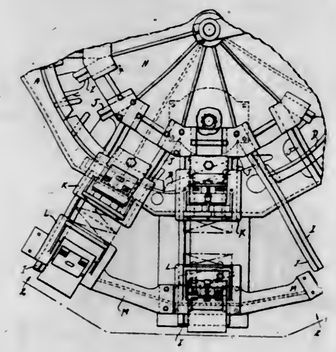
1. A test fixture comprising a platform and means for producing a continuous winding of a plurality of turns around an object placed on said platform, said means comprising a plurality of rows of metallic posts, a plurality of rows of contact members, permanent connections between each contact member of one row and a contact member of a second row, a permanent electrical connection between one end of each post of one row and a post in a second row, and means for bringing said posts and said contact members into contact to form a continuous winding of a plurality of turns around the object resting on said platform.

1,570,949. METAL-COATING MACHINE. FRANK H. CUNNINGHAM, Youngstown, and HARRY W. MOSELEY, Struthers, Ohio. Filed Feb. 20, 1924. Serial No. 694,178. 1 Claim. (91—12.1.)



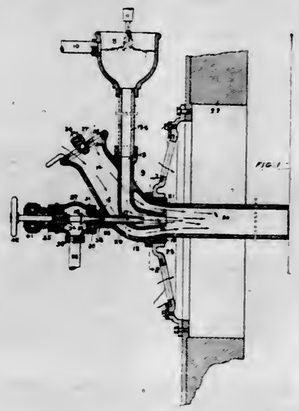
In a device of the class described, means for automatically carrying an article to be metal coated through a flux, automatic means for causing a head of flux to be forced through said article, means for continuing said article through a bath of zinc, means for causing a head of zinc to be forced through said article, means for allowing said article to roll by gravity in an inclined plane to a conveyor, substantially as described for the purpose set forth.

1,570,950. EXTENSION BAR. JOSEPH L. DOSTAL and ALEXANDER ANDERSON, Detroit, Mich., assignors to Earl Holley, Detroit, Mich. Filed Apr. 25, 1925. Serial No. 25,743. 5 Claims. (Cl. 22—26.)



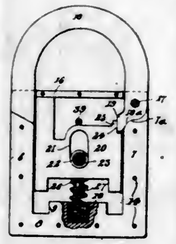
1. In a rotating molding machine having a plurality of pairs of parallel guides of unequal length radially mounted thereon and having with each parallel pair of guides a pair of mold supports, an inner mold support supported by said pair of rails, an outer mold support supported by only the longer of said rail supports, a circumferential ring supporting each outer mold support and its neighbor, means for closing and separating said mold supports, whereby when the mold supports are in the open position the castings produced therein which exceed in dimension the distance between the parallel mold guide supports can drop freely past the guide suports.

1,570,951. TAR BURNER. WILLIAM J. DOWNING, Salisbury, Md. Filed July 17, 1923. Serial No. 652,190. 5 Claims. (Cl. 158—74.)



5. In a burner apparatus, a combined nozzle device comprising a hydrocarbon passage having a nozzle end, a steam passage entering the hydrocarbon passage and provided with a nozzle end directed toward but arranged at a distance from the nozzle end of the hydrocarbon passage so that the steam impinges directly upon the hydrocarbon material to subdivide it and form a thorough mixture before leaving said hydrocarbon nozzle, an air passage surrounding the hydrocarbon passage and terminating in an annular nozzle immediately about the hydrocarbon nozzle, means for supplying and controlling steam to the steam passage whereby the extent of its discharge within the hydrocarbon nozzle may be regulated, a cup for receiving hydrocarbon material arranged at a considerable elevation above the hydrocarbon nozzle and in communication with it by a vertical pipe to provide a definite static head for feeding the hydrocarbon material downwardly against the pressure in the nozzle, and means for delivering the fluid hydrocarbon material to the cup, and wherein further, there is combined with the burner a receiving tank for the hydrocarbon material, a nozzle for delivering hydrocarbon fluid to the cup, a pump for forcing the material from the receiving tank to the nozzle which discharges into the cup of the burner, and overflow pipe from the cup extending to the receiving tank for delivering the overflow thereto.

1,570,952. PADLOCK. ANDRAS DRENOVICS, Tamasi, Hungary, assignor of one-fourth to J. Fabian and one-fourth to C. Szombathy, both of New York, N. Y. Filed May 14, 1925. Serial No. 30,345. 3 Claims. (Cl. 70—106.)



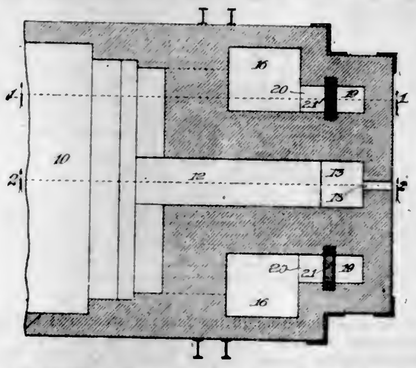
1. In a padlock of the type described, a casing, a hasp pivoted to the casing and having a heel projecting inwardly thereof from its pivot end, a spring pressed slidable keeper engageably associated with the heel of the hasp for holding the hasp in its closed position, a rotatable member for sliding said keeper into its hasp heel releasing position, said rotatable member having a pair of spaced key receiving openings, said casing having a relatively large key-hole registering with both key openings, and a key for actuating said rotatable member.

1,570,953. PACKING MATERIAL. MADS POULSEN EBBESEN, Frederiksberg, near Copenhagen, Denmark. Filed Mar. 10, 1925. Serial No. 14,564. 2 Claims. (Cl. 106—8.)

2. A process of making a plastic, non-resilient packing material, comprising the steps of saponifying a fatty substance with an alkali; adding to the soap thereby formed a mixture of water-glass, starch, an alkali carbonate and sugar; and mixing graphite and chalk with the resultant product.

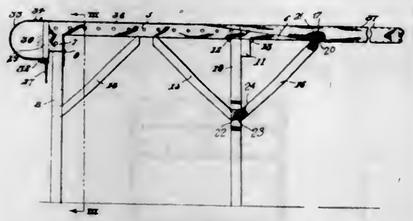
1,570,954. REGENERATIVE FURNACE. NICHOLAS F. EGLER, Chicago, Ill. Filed June 30, 1923. Serial No. 648,808. 4 Claims. (Cl. 263—15.)

3. In a reversing regenerative open hearth furnace, a central mixing port, an air port on each side of the mixing port, a regenerative chamber communicating with said mixing port, a regenerative chamber communicating with said air ports, a passage leading from each port to its regenerative chamber, a separate passage adjacent



each passage leading to the air port, a cross passage connecting the last named passages, and a valve in each cross passage.

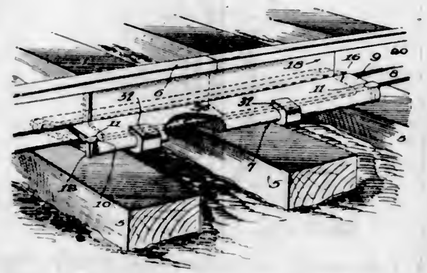
1,570,955. IRONING BOARD. THOMAS F. EVANS, Williams, Calif. Filed July 16, 1925. Serial No. 43,969. 2 Claims. (Cl. 68—10.)



1. In a device of the type described, a two-part board, legs hingedly connected to said board parts, removable and interchangeable brace members for preventing said legs from swinging on their hinge connections, said brace members each having a hook projecting form one end and a pin projecting from the other end, said board parts having recesses formed therein to receive the hooks on said brace members and pins arranged transversely of said recesses to be engaged by said hooks, said legs having recesses suitable for receiving the pins projecting from the brace members.

1,570,956. RAIL JOINT. SAM FALCONE, Cleveland, Ohio. Filed Mar. 20, 1925. Serial No. 17,134. 1 Claim. (Cl. 238—205.)

A rail joint comprising a major seat having a base and inwardly extending flanges overhanging the base flanges of a rail, the end portions of the seat being provided with notches, fastening devices arranged beyond the ends of the major seat and having heads received in said notches to hold the seat against endwise movement, said fastening devices constituting the sole means to hold the seat and the adjacent portions of the rails in place, and a one-piece metal supplemental seat having a base lying flat in contact with said first named base and having flanges positioned between the base flanges of the rail and the inwardly extending flanges of said major seat, the inwardly extending flanges of said supplemental seat being provided with upwardly extending side walls lying flat in contact with the web of the rail and engaging the head of the rail adjacent the joint thereof to brace the same, the inner edges of the flanges of said major seat being flatly engaged with the lower portions of said side walls of the supplemental seat for the full length thereof whereby to firmly hold said side

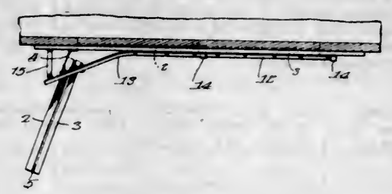


walls in place, said major seat consisting of two separate sections arranged in spaced relation, and a clamp extending beneath said separate sections and having upwardly and inwardly directed lugs engaging the outer edges of said sections whereby to firmly clamp said separate sections in binding engagement with the adjacent portions of the supplemental seat.

1,570,957. COMPOSITION OF MATTER FOR A PAINT REMOVER. OTTO L. FLUEGEL, Birmingham, Mich. Filed Jan. 24, 1925. Serial No. 4,446. 2 Claims. (Cl. 87—5.)

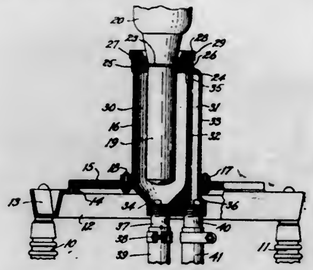
1. A paint removing compound adapted for dissolving and removing coats of dried paint from wood or iron painted surfaces, comprising the following ingredients mixed in the proportions as follows; caustic potash one pound; tri-sodium of phosphate one half pound; oxalic acid one half pound; hydrate of lime one pound; starch three ounces; and about one gallon of water.

1,570,958. DOOR HANGER AND TRACK CONSTRUCTION. PETER FRANTZ, Sterling, Ill., assignor to Frantz Manufacturing Co., Sterling, Ill., a Corporation of Illinois. Filed Sept. 10, 1924. Serial No. 736,936. 10 Claims. (Cl. 20—20.)



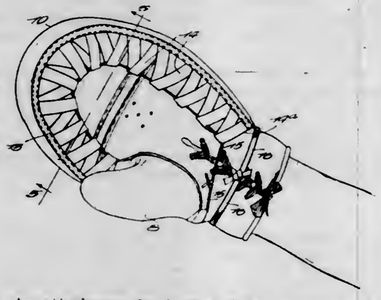
1. In swinging and folding door construction, the combination of a plurality of door sections hinged together, means for hinging one section at the side of the doorway, a hanger for another section, a track for said hanger adapted for use with either a right or left door, said track having a section thereof formed out of alinement with the main portion of the track, permitting lateral movement of said hanger relatively to the plane of the doorway, when the hanger travels from said main portion of the track onto said other section thereof, whereby to permit said door sections to swing open and fold back, more or less, parallel with the plane of the doorway.

1,570,959. TUBE MOUNTING. JOHN O. GARGAN, Brooklyn, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Jan. 16, 1924. Serial No. 686,509. 3 Claims. (Cl. 250—27.)



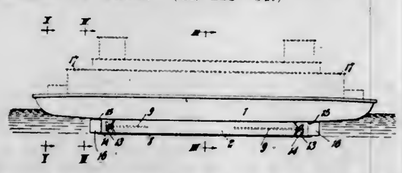
1. A mounting for high power electric discharge tubes comprising a supporting member, a water jacket mounted on and extending entirely above said member, inlet and outlet ports in the bottom of said jacket, and a water circulating system disposed below said supporting member for conducting water to and from said ports.

1,570,960. BOXING-GLOVE ATTACHMENT. MICHAEL F. GATELY and FLOYD N. WELLS, Westpoint, Nebr. Filed Nov. 20, 1924. Serial No. 751,162. 6 Claims. (Cl. 2—18.)



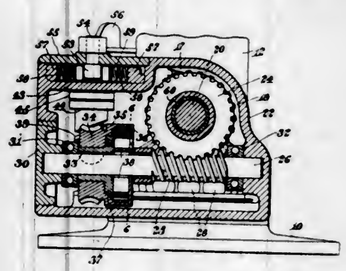
1. An attachment for boxing gloves, comprising a casing, a pneumatic cushion detachably housed in the casing, and means carried by the casing for detachably binding the same upon the glove in a position over the striking surface thereof and leaving the inner side of the glove free and unobstructed.

1,570,961. HULL FOR VESSELS. SAMUEL GOLDEN, New York, N. Y. Filed May 3, 1923. Serial No. 636,424. 1 Claim. (Cl. 115—34.)



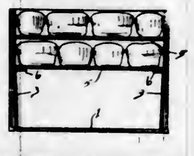
A double-ended vessel comprising, a main hull, a fin on the hull adapted to contain propelling mechanism, said hull having its ends well rounded in cross section and its bottom substantially flat, a propeller at each end of the fin, and a rudder adjacent each propeller, both the propellers and rudders being located under the substantially flat bottom of the hull.

1,570,962. HIGH-SPEED LIFTING JACK. FRANK L. GORMLEY, Brookline, Mass., assignor to The Buda Company, Harvey, Ill., a Corporation of Illinois. Filed May 15, 1925. Serial No. 30,420. 26 Claims. (Cl. 254—103.)



1. In a self-lowering lifting jack; a standard; a ram reciprocable in said standard; a nut in said ram; a rotatable screw in said nut; a gear on the lower end of said screw; a driving gear meshing therewith; a worm gear secured to the driving gear shaft; a worm driven thereby; means for rotating said driving gear and worm gear; an annular member secured to said worm shaft; pawls carried thereby; a worm pinion surrounding said annular member and carrying a ratchet coacting with said pawls; a vertical shaft having a worm thread meshing with said pinion; and means at the upper end of said vertical shaft for controlling its rotation.

1,570,963. CANDY OR MERCHANDISE DISPLAY BOX. YOUNG C. HAMILTON, Fort Worth, Tex. Filed Aug. 14, 1925. Serial No. 50,325. 3 Claims. (Cl. 206—44.)



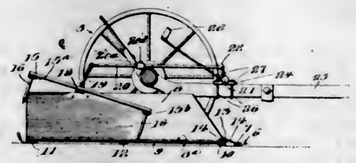
1. A display box having a bottom and a plurality of pairs of tongues or supports struck therefrom, and a plurality of trays for goods to be supported on said bottom and on said supports.

1,570,964. AIR-FEED CONTROL FOR STOPERS. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed May 28, 1925. Serial No. 33,406. 2 Claims. (Cl. 121—9.)



2. In a feed controlling device for rock drills, the combination of a percussive cylinder and a feeding cylinder, a back head for the percussive cylinder, a valve chest having a chamber and a series of spaced supply ports, a hollow fluid actuated reciprocatory valve in said chest for controlling the feeding cylinder and having an exhaust port, a throttle valve for controlling admission of pressure fluid to the cylinders and to the chamber, a supply passage leading from the throttle valve to the chamber for supplying pressure fluid to the feeding cylinder through the spaced supply ports, a second supply passage leading from the throttle valve to the end of the chamber for admitting pressure fluid to move the control valve in one direction, an exhaust port in the chest adapted to register with the port in the control valve for opening the feeding cylinder to atmosphere, a spring in the control valve for bringing said ports into registration and for closing the spaced supply ports, a hollow rotation handle communicating with the end of the chamber, and a sleeve slidable on said handle for releasing pressure fluid from said chamber.

1,570,965. BUNCHING ATTACHMENT FOR MOWING MACHINES. CRIST HERMINGHUYSEN, Van Wert, Ohio. Filed Dec. 5, 1923. Serial No. 678,739. 4 Claims. (Cl. 56—203.)



1. A hay bunching attachment for mowing machines comprising an open-ended hay receptacle having side walls and a bottom, a frame mounted for longitudinal swinging movement within said receptacle above the bottom thereof, a hay engaging abutment carried by said frame adjacent each end thereof and extending in the direction of the bottom of said receptacle, and means for actuating said frame for selectively bringing said abutments to contact with the bottom of said receptacle for stopping the passage of hay therethrough.

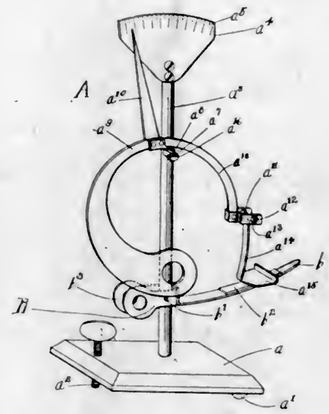
1,570,966. OIL BURNER. WILLIAM KENT KISE, Kansas City, Mo., assignor to The Everbrite Stove Company, Kansas City, Mo., a Corporation of Missouri. Filed Mar. 16, 1925. Serial No. 15,778. 2 Claims. (Cl. 158—61).



2. In an oil burner, a casting comprising a chambered body having top burner openings and a shelf having an inclined rear wall provided with recesses having communication with the body chamber, the shelf comprising a trough and having air slots between the trough and said recesses, a generator tube above the shelf and in line of discharge from said recesses, a mixing chamber in communication with the generator tube and with the body chamber, and means for controlling flow to the mixing chamber.

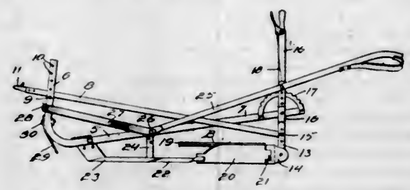
1,570,967. SCALE. FRED G. KRUEGER, Norwood, Ohio, assignor to The Cincinnati Stamping Company, Cincinnati, Ohio, a Corporation of Ohio. Filed May 19, 1921. Serial No. 470,983. 5 Claims. (Cl. 265—61.)

1. The combination of a base, two fixed contacts upon the base, a vertically adjustable contact spaced equidistant from the fixed contacts, a standard mounted vertically upon the base, a lug mounted on the standard, there being a seat formed on the lug extending in parallelism with a line extending between corresponding



points of the fixed contacts, a dial on the standard, a pendulum, a knife edge on the pendulum adapted to bear on the seat on the lug, and an indicator on the pendulum adapted to register with the dial.

1,570,968. CULTIVATOR. OLLIE M. MARTIN, Bloomington, Ind. Filed Feb. 25, 1925. Serial No. 11,460. 3 Claims. (Cl. 97—162.)



1. A cultivator of the class described including a frame, a pair of blades pivoted to the frame, a pulverizer box including a pair of hingedly associated sections, the free ends of the sections being pivotally engaged with the free ends of the blades, and means for swinging the pulverizer box longitudinally of the frame so as to swing the sections thereof relatively to the blades for changing the width of the cultivator.

1,570,969. METHOD OF MANUFACTURING COATING FOR PERMANENT METAL MOLDS. FREDRICH MAYER, Solingen, Germany. Filed Oct. 20, 1924. Serial No. 744,832. 1 Claim. (Cl. 22—189.)

The method of manufacturing coatings for permanent molds for the production of aluminum castings which consists in dissolving the mineral matter such as graphite employed by the aid of a colloidizing process, diluting the same and rendering it capable of being readily poured into the mold.

1,570,970. EXPANSION JOINT. JAMES J. MILAR, Chicago, Ill., assignor to The Philip Carey Manufacturing Company, a Corporation of Ohio. Filed June 1, 1922. Serial No. 565,104. 9 Claims. (Cl. 94—18.)

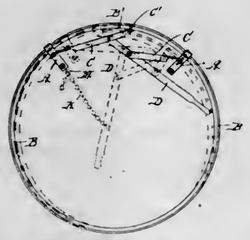
8. In a concrete roadway, a channel shaped strip adapted to be embedded therein for the purpose of form-

ing a contraction joint, said strip being formed with vertically aligned holes in the walls of said channel for



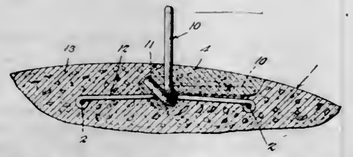
receiving supporting stakes to hold said strip in position until embedded.

1,570,971. RIM CONTRACTING AND EXPANDING TOOL. THEODORE OSCAR MOREL, Tutaki, New Zealand. Filed Jan. 26, 1924. Serial No. 688,737. 1 Claim. (Cl. 157—1.)



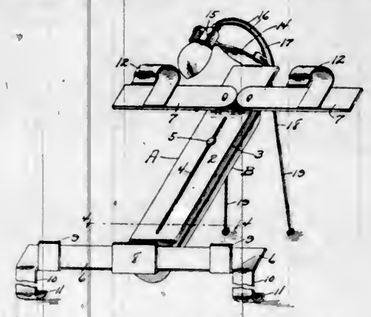
A rim contracting and expanding tool, comprising, in combination, an operating lever, a pair of links pivoted to said lever to extend in opposite directions therefrom, and a grip pivoted to each link; each grip embodying a pair of substantially parallel jaws, a double-ended bolt passing through said jaws near the inner end thereof and provided at each end with a pair of nuts engaging the opposite faces of the corresponding jaw to enable the distance between the jaws to be adjusted, a second bolt passing loosely through both jaws near the outer end thereof and to which the outer end of the adjacent link is pivoted, said second bolt having a head at one end to engage the adjacent jaw, a pair of expansible springs encircling the second bolt and interposed between the said link end and the jaws to force said jaws apart, and a thumb nut threaded on the other end of said second bolt to move the corresponding jaw inward against the action of the adjacent spring.

1,570,972. CEMENT-VAULT HANDLE. THOMAS H. SEIFERT, Springtown, Pa. Filed June 27, 1924. Serial No. 722,790. 1 Claim. (Cl. 72—7.)



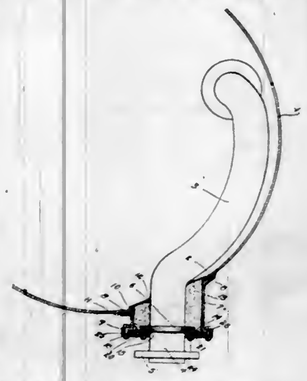
A portable cement structure having a metal reinforce embedded therein, substantially V-shaped hangers connected with said reinforce and provided in their apices with loops, handles having hooks at their ends engaged with said loops, the bills of said hooks being deflected at an angle to the body of the handle for engagement with the loops when the handles are arranged at right angles thereto to hold the handles in upright position, said handles and reinforce being embedded in the cement forming the article.

1,570,973. BOOK HOLDER. MICHAEL SIMONELLI, Everett, Mass. Filed June 11, 1924. Serial No. 719,432. 2 Claims. (Cl. 45—80.)



1. A device of the class described including a body formed of two telescopically associated sections, a pair of arms pivoted to each section, one of said pair of arms provided with depending legs terminating in feet, the other pair of arms provided with clips, and a propping device associated with one section and cooperating with said legs so that the body is supported on a horizontal surface in an inclined position, said propping device and said arms being foldable in relation to the body.

1,570,974. STEAM-PIPE-CONNECTION PACKING. HENRY V. STEVENS, Topeka, Kans. Filed Oct. 23, 1924. Serial No. 745,358. 7 Claims. (Cl. 285—30.)

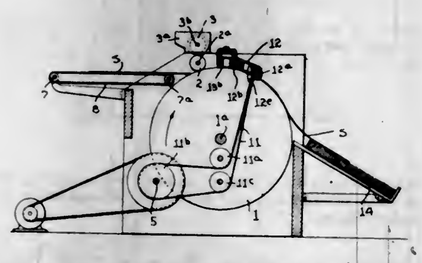


7. A packing collar for locomotive smoke boxes comprising a collar having flanges at its respective ends, a ring, a diaphragm, means for clamping the diaphragm between the ring and one of the flanges, a split collar to fit around the steam pipe of the locomotive passing through the smoke box and fastening devices for clamping the diaphragm between the split collar and a portion of the steam pipe.

1,570,975. PROCESS OF CARBONATING MILK OR CREAM. DAVID SWEENEY, Winnipeg, Manitoba, Canada, assignor of one-eighth to Margaret McLeod, one-fourth to Alexander C. MacKenzie, and one-fourth to Robert Prosser Adams, all of Winnipeg, Canada. Filed Nov. 11, 1922. Serial No. 600,464. 5 Claims. (Cl. 99—8.)

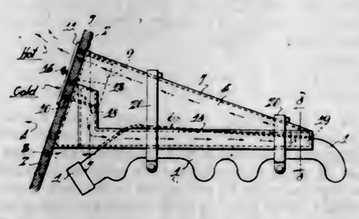
5. A process of carbonating milk which consists in introducing the milk into an air tight container, placing the interior of the container in communication with the atmosphere and introducing a charge of carbonic acid gas to purge the container and milk of atmospheric air, disrupting communication between the container and the atmosphere subsequent to elimination of the air while permitting the carbonic acid charging operation to continue until a predetermined pressure is developed in the container, shutting off the flow of carbonic acid gas upon the development of said predetermined pressure and subjecting the milk to slow and gentle agitation to absorb the gas and repeating the charging and agitating operations in the same sequence without any substantial release of absorbed carbonic acid between the charging and agitating stages until a predetermined pressure is developed in the container.

1,570,976. BRONZING MACHINE. BURT FROST UPHAM, Brookline, Mass., assignor to United Printing Machinery Company, Boston, Mass., a Corporation of Massachusetts. Filed Apr. 11, 1924. Serial No. 705,879. 15 Claims. (Cl. 91—59.)



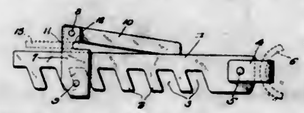
1. In a machine of the character specified, a cylinder and belts arranged at obtuse angles to the line of movement of the sheets with their inner runs conforming to the curvature of the portions of the cylinder with which they cooperate, said belts being adapted to operate upon the sheets carried forward on the cylinder.

1,570,977. AUTOMOBILE HEATER. CLARENCE W. WALIZER, Salina, Kans. Filed Feb. 17, 1925. Serial No. 9,889. 4 Claims. (Cl. 237—123.)



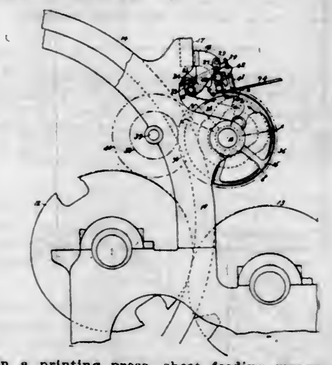
1. An automobile heater of the class described comprising a hollow heater body shaped along its bottom to surround a portion of the exhaust manifold of the engine of the automobile upon which it is used and having its rear end adapted to lie adjacent the dash of the automobile and having a throatway adapted to register with a like sized opening in the dash, means for dividing said heater body to provide a low positioned cold air duct, and an upwardly extending warm air duct, a connector pipe insertable through the dash opening into the rear end throatway, said connector pipe being divided horizontally to provide upper and lower portions and adapted to have its lower portion form an air inlet communicating with the cold air duct and its upper portion form an air outlet communicating with the warm air duct.

1,570,978. TIRE-CHAIN FASTENER. DAVID ALLEN WARD, Primrose, Nebr., assignor of one-half to E. B. Broughton, Primrose, Nebr. Filed Oct. 26, 1925. Serial No. 64,883. 5 Claims. (Cl. 24—68.)



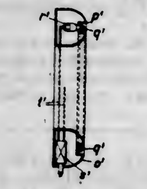
1. A fastener for anti-skid chains comprising a notched bar, a member slidable thereon, a pin carried by said member adapted to seat in one of said notches, a chain engaging notch formed in the opposite end of said slidable member, and means for locking the free end of an auto-skid chain therein.

1,570,979. SHEET-CONTROL DEVICE FOR PRINTING PRESSES. BRUCE C. WHITE, New York, N. Y.; Maria Louisa White executrix of said Bruce C. White, deceased. Filed Apr. 18, 1922. Serial No. 554,885. 50 Claims. (Cl. 271—53.)



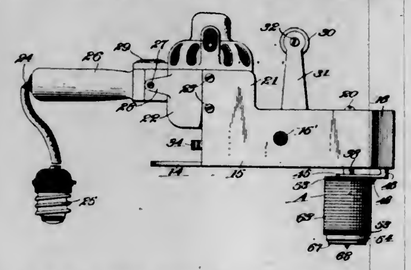
1. In a printing press, sheet feeding means, a front gage provided with a stop guide member disposed while at rest to position the leading edge of a sheet, a sheet engaging element carried by said member, finger movable with respect thereto and adapted to yieldingly cooperate therewith to advance the sheet against said stop guide, means for adjusting said front gage during the running movement of the press to variably position the leading edge of the sheet, and a feed drum adapted while at rest to engage the sheet from said stop guide.

1,570,980. ILLUMINATED SIGN. KURT WIEGAND, Berlin, Germany. Filed June 2, 1925. Serial No. 34,354. 2 Claims. (Cl. 40—130.)



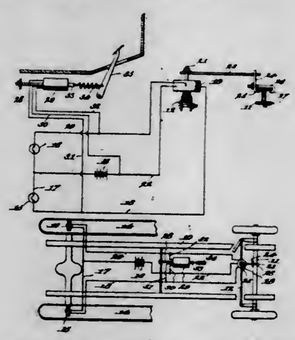
1. An illuminated sign element, comprising a box-like member having the shape of a sign character, a gas discharge tube conforming to said shape and disposed on the front of said member, said discharge tube having portions containing electrodes, said portions passing through the member into the interior thereof and a transformer contained within the member.

1,570,981. VALVE GRINDER. RUDOLF WILDEN, New York, N. Y., and FRANK J. WINARSKI, Jr., and AUGUST J. WINARSKI, West Hoboken, N. J. Filed May 17, 1921. Serial No. 470,447. 3 Claims. (Cl. 51—29.)



1. A valve grinder having a casing, a valve actuating means provided with a guide member, said casing having an elongated slot, said member being movable in the slot, said actuating means including an electromagnet, means to oscillate the magnet, and conductor means for the magnet passing through said guide means.

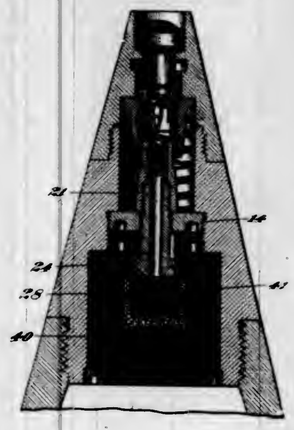
1,570,982. TRAFFIC SAFETY SIGNAL SWITCH. ROBERT M. WILLIAMS, New York, N. Y., assignor to Traffic Signal Corporation, New York, N. Y., a Corporation of Delaware. Filed Apr. 7, 1922. Serial No. 550,325. 1 Claim. (Cl. 200—59.)



In a switch mechanism for automobiles comprising a casing fixed to the steering rod thereof, a center post rising from the casing and adapted to actuate the movable contacts of the switch, a horizontally disposed rod secured to the upper end of the center post, an upright member provided with an eye in one end to receive the rod and being bent angularly at its opposite end to engage the front axle of the automobile, a rod having a toe formed on one end thereof to engage the axle upon its side opposite the angled end of the upright member in a manner for cooperative association therewith and said rod having its opposite end threaded and secured in an aperture formed in the upright for the purpose specified.

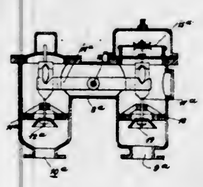
1,570,983. SAFETY DEVICE FOR HIGH-EXPLOSIVE FUSES AND PROJECTILES. PIETER DANIEL VAN ESSEN, Haag, Netherlands, assignor to Bethlehem Steel Company, a Corporation of Pennsylvania. Filed May 15, 1924. Serial No. 713,512. Renewed Mar. 6, 1925. 9 Claims. (Cl. 102—39.)

9. In a projectile fuse, the combination of a detonating charge movable to armed and unarmed positions, a booster charge provided with a cavity within which the detonating charge is movable, and a cup consisting of inert material, disposed within the cavity of the booster charge, and surrounding the detonating charge when the



latter occupies its unarmed position for preventing the effective transmission of waves of detonation to the booster charge.

1,570,984. GAS MIXER. FRIEDRICH WOLFF, Berlin, Germany, assignor to Selas Aktiengesellschaft, Berlin, Germany. Filed Dec. 21, 1923. Serial No. 682,078. 2 Claims. (Cl. 48—184.)

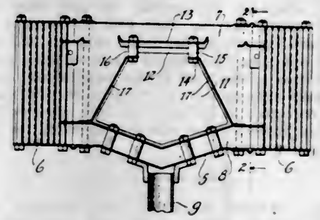


1. In a gas mixing arrangement, a gas conduit and an air conduit introducing gas and air under pressure, a mixing device to which said conduits lead, a stop valve in each of the said conduits, each stop valve including a casing forming part of one of the said conduits and also including a diaphragm in said casing and acted upon by the pressure in the conduit on one side, and by atmospheric pressure on the other side, a regulating valve, a two-arm lever between the regulating valve and the associated diaphragm, and links to connect one end of the said two-arm lever to the regulating valve and the other to the diaphragm so as to close the regulating valve on the pressure in one of the conduits falling below a certain amount.

1,570,985. STEAM PURIFIER. ROGER W. ANDREWS, Pittsburgh, Pa., assignor to Andrews-Bradshaw Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Oct. 30, 1922. Serial No. 597,708. 13 Claims. (Cl. 183—75.)

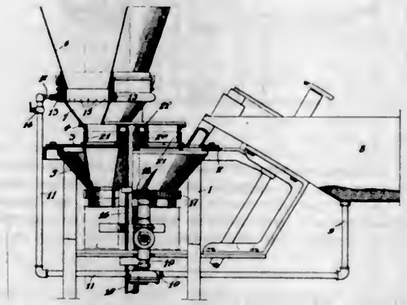
1. A steam separator comprising a hollow casing having openings in its walls, steam separating baffles mounted

in said openings, a steam outlet connected to one end of said casing, an inner conduit in said casing, with its wall spaced from the walls of said casing, said conduit



opening into said outlet, and said conduit having a narrow longitudinal opening through its wall extending substantially the entire length of the wall.

1,570,986. CANNING MACHINE. CHARLES H. AYARS, Salem, N. J., assignor to Ayars Machine Company, Salem, N. J. Filed Jan. 23, 1924. Serial No. 687,924. 1 Claim. (Cl. 226—96.)



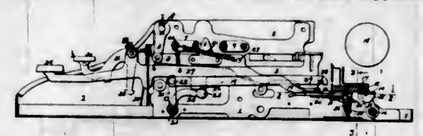
In a canning machine, a feed hopper provided with a perforated liquid channel encircling it at the top; a liquid-tank; a pump; a pipe leading from the liquid-tank to the pump; a pipe leading from the pump to the channel; a shaft adapted to actuate the pump; a rotatable distributing wheel arranged to receive material from the hopper and deliver it to the cans; a gear fixed to the distributing wheel, and a gear on the pump-actuating shaft meshing with the gear on the distributing wheel.

1,570,987. PROCESS FOR RESOLVING EMULSIONS. EUGENE E. AYRES, Jr., Chester, Pa., assignor to The Sharples Specialty Company, Philadelphia, Pa., a Corporation of Delaware. Filed Apr. 2, 1921. Serial No. 458,124. 7 Claims. (Cl. 87—9.)

1. The process of resolving emulsions which consists in the addition thereto of a reagent capable of forming, by reaction in the continuous phase, a substance in a state of colloidal dispersion therein and that will act as an emulsifying colloid tending to reverse the form of the emulsion.

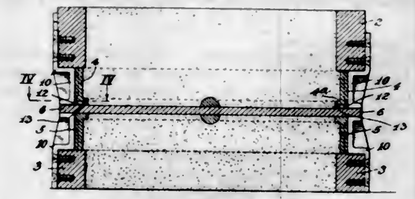
1,570,988. TYPEWRITING MACHINE. EDWIN E. BARNEY, New Rochelle, N. Y., assignor to Remington Typewriter Company, Ilion, N. Y., a Corporation of New York. Filed July 29, 1924. Serial No. 728,809. 3 Claims. (Cl. 197—71.)

1. In a typewriting or like machine, the combination of a case shift frame mounted for substantially horizontal case shift movements fore-and-aft of the machine, a carriage carried by said case shift frame near one end thereof, and contractile suspension springs on opposite sides of said shift frame near the carriage supporting



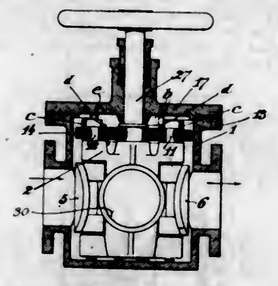
end thereof, each spring being connected at its upper end to a fixed portion of the machine and extending downwardly and inwardly therefrom to its point of connection with the case shift frame.

1,570,989. MOLD FLASK. EDWARD BOSSERT, Toledo, Ohio, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 1, 1925. Serial No. 27,291. 6 Claims. (Cl. 22—157.)



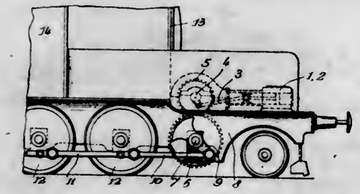
1. A molding flask comprising a cope; a drag; a cope band and a drag band having a slot and projection engagement; a pattern plate; and means for maintaining the pattern plate in centered relation to the cope and drag bands.

1,570,990. STEAM-CUT-OFF VALVE. ARNO BÖTTNER, Sudenburg, near Magdeburg, Germany, assignor to the Firm: Polte, Madgeburg, Germany. Filed July 10, 1925. Serial No. 42,785. 3 Claims. (Cl. 251—102.)



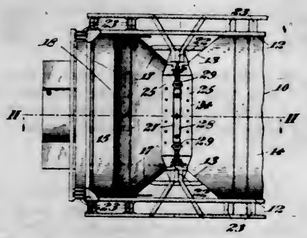
1. A stop valve of the character set forth, comprising a casing, a cover on the said casing, a rotary valve body fitted in said casing and having a transverse bore, two cut-off plates attached to the said valve body diametrically opposite each other and parallel to the bore thereof, a spindle adapted to be turned but not moved lengthwise, for moving the said valve body and controlling the said cut-off plates, two shafts mounted in the said valve body, cam-like formations on the said shafts, a toothed gearing for transmitting motion from the spindle to the said shafts and including a driving wheel on the spindle and a driven wheel on each of the two shafts, two curved ribs on the inside of the said cover, and recesses cut in the two driven wheels of the toothed gearing and adapted to cooperate with the said curved ribs, substantially as and for the purpose set forth.

1,570,991. STEAM LOCOMOTIVE. JACOB BUCHLI, Winterthur, Switzerland. Filed June 29, 1925. Serial No. 40,298. 4 Claims. (Cl. 105—37.)



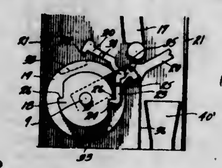
1. In a steam driven locomotive in combination, a wheeled frame provided with driving axles, a boiler having a smoke box and mounted on said frame, a steam engine having at least four cylinders arranged in front of said smoke box, a crank shaft in said steam engine, a lay-shaft, a toothed gearing interposed between said crank shaft and said lay-shaft, and a parallel crank gear operatively connecting said lay-shaft to the driving axles.

1,570,992. REGENERATIVE FURNACE. TIMOTHY BURNS, Buffalo, N. Y., assignor to Bethlehem Steel Company, Bethlehem, Pa., a Corporation of Pennsylvania. Filed Dec. 21, 1923. Serial No. 681,929. 6 Claims. (Cl. 263—10.)



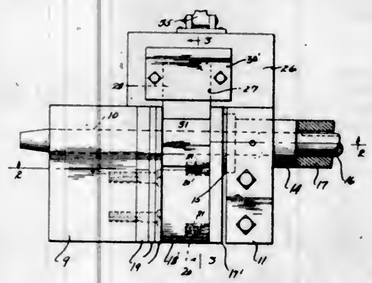
1. In a regenerative furnace, in combination, end portions having reentrant side walls, a roof, buckstays for supporting the reentrant side walls, and a beam structure connected to opposite buckstays and constituting a portion of the roof.

1,570,993. VENDING MACHINE. PEARL M. COOK, Seattle, Wash., assignor of one-half to Gus E. Rasmussen, Seattle, Wash. Filed Oct. 31, 1921. Serial No. 511,752. 1 Claim. (Cl. 194—48.)



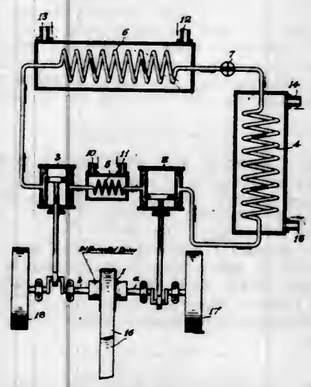
In a vending machine of the class described, the combination with a supply containing housing and a vending drum therefor, of an actuating shaft for rotating the drum an advancing cam and a locking cam fixed to the shaft and provided respectively with peripheral notches and circumferentially directed slots, an actuating lever pivotally mounted on the shaft, a spring pressed latch on the lever having a hook engageable with the notches of the advancing cam whereby the drum may be rotated forwardly, a coin chute, a pivotally supported latch lever having a hook at one end normally engageable within a slot of the locking cam to prevent rotation of the drum, and having a cup at its opposite end disposed to receive coins therein from the chute to thereby raise the hooked end to released position; said latch being so disposed relative to the locking cam that when a coin is received within the cup, that end of the latch will be rocked into engagement with the cam but will still retain the coin, and the slots of said cam being so located that rotation of the cam by the handle will advance a slot thereof into position to receive the coin supporting end of the latch to permit a further movement of the latter and thereby effect the discharge of the coin, for the purpose set forth.

1,570,994. SPRING-FORMING DIE. WILLIAM A. COOK, Mount Clemens, Mich. Filed Nov. 20, 1923. Serial No. 675,866. 6 Claims. (Cl. 153—49.)



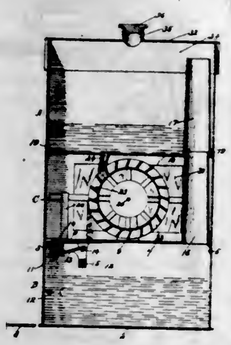
1. A spring forming die comprising a movable die; a stationary die; an aligning member adapted for aligning the work-piece; a core forming member; and means mounted on said core forming member for moving said aligning member into engagement with the work piece.

1,570,995. REFRIGERATION. KNUD DE LONY, New Haven, Conn., assignor to Johannes Schiott, Greens Farms, Conn. Filed Mar. 24, 1925. Serial No. 17,876. 4 Claims. (Cl. 62—115.)



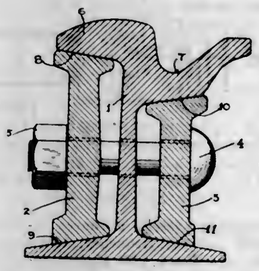
1. In a compound refrigerator having a condenser, an evaporator and two compressors with shafts driven from a common source of power, the combination of the compressor shafts with a differential drive, distributing said power whereby the ratio between the two torques imparted to each compressor is maintained constant.

1,570,996. MECHANICAL TOY. ROY K. DENNISON, East Machias, Me. Filed Feb. 2, 1925. Serial No. 6,260. 6 Claims. (Cl. 46—37.)



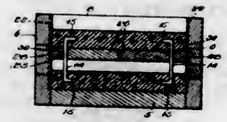
1. In a fluid actuated mechanical toy an enclosing case comprising an independently constructed upper section (A) having a top, bottom, sides and ends, said sides and ends at their junction with the bottom crimped to closely engage an intermediate section, an independently constructed lower section (B) having a bottom, top, sides and ends, said sides and ends at their junction with said top crimped to engage said intermediate section, an independently constructed intermediate section (C) having sides and ends only to engage with and be rigidly secured by a water tight connection at its top and bottom edges respectively to the crimped portions of the upper and lower sections (A and B) to form a single water-tight case or casing to receive and support movable devices of various types, said movable devices, and means to actuate said devices, substantially as described.

1,570,997. JOINT PLATE FOR RAILWAY RAILS. GILBERT E. DOAN, Cleveland, Ohio. Filed June 15, 1922. Serial No. 568,516. 2 Claims. (Cl. 238—243.)



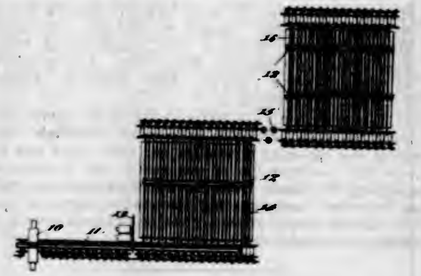
1. A joint plate for railway rails having fishing contact surfaces of different areas, an aperture through the said plate outside of the longitudinal medial line of the plate, the width of the surfaces being only slightly wider than the thickness of the plate and the areas of the fishing contact surfaces varying inversely with the distance thereof from the said aperture.

1,570,998. MOLD FOR BUILDING BLOCKS AND THE LIKE. EVERETT V. EGGER, Elgin, Ill. Filed Oct. 12, 1925. Serial No. 61,881. 8 Claims. (Cl. 25—121.)



1. In combination, a mold, a sectional core dividing said mold, said core comprising an endwise removable part having a continuous edge, and an edgewise removable part extending along the side of said first part and having a notched rod receiving edge adjacent the continuous edge of said first part.

1,570,999. METHOD OF MAKING RAILS. EDWARD F. ENTWISLE, Steelton, Pa., assignor to Bethlehem Steel Company. Filed June 27, 1924. Serial No. 722,846. 5 Claims. (Cl. 80—60.)



1. In a process of making rolled shapes which tend to curve upon cooling due to irregular transverse distribution of metal, the steps of cooling the shapes to a predetermined temperature and in immediately cambering the sections as they attain the pretedermined temperature to such an extent and in such a direction that, in cooling, they will become straight.

1,571,000. ARTICLE HOLDER. JOHN P. EUSTIS, Newton, Mass.; JAMES W. EUSTIS, Cambridge, Mass.; WARNER EUSTIS, Newton, Mass.; GRANT B. EUSTIS, Watertown, Mass.; and FRANK OWEN WHITE, Brookline, Mass., executors of said John P. Eustis, deceased. Filed Mar. 7, 1923. Serial No. 623,520. 2 Claims. (Cl. 211—17.)



1. An article holder, comprising a strip of material which is slitted longitudinally by successive pairs of slits equidistantly spaced apart at intervals less than the length of each pair, the slitted portions hence being joined by relatively short webs, and the strip having undulations which extend continuously longitudinally thereof and are bowed away from said webs, in one direction, at opposite sides of the pairs of slits, and also having undulations which are formed from the material intermediate of the slits of the successive pairs of slits and are bowed away from said short webs in opposite direction to aforesaid undulations, the strip presenting edgewise a series of relatively large, regularly spaced and closely successive loops, and attaching means at each end of the strip.

1,571,001. SEPARABLE FASTENER. PAUL E. FENTON, Thomaston, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Oct. 29, 1924. Serial No. 746,656. 8 Claims. (Cl. 24—218.)

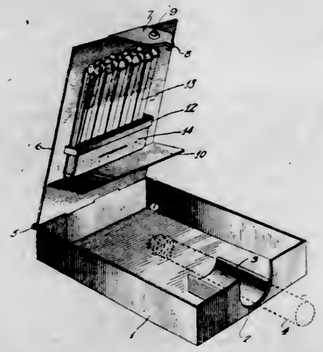


1. A separable fastener socket member, having a spring chamber and a circumferential rim therefor, and a spring provided with a loop, said spring arranged in said chamber and having a limited lengthwise bodily movement therein and provided with limbs which have a limited surface contact near their terminals with said rim, said spring also having stud-engaging jaws located between said loop and a subjacent portion of the limbs.

1,571,002. PROCESS OF RECOVERING BORAX FROM SALINE LIQUORS. ALFRED W. GAUGER and HENRY HERMAN STORCH, Westend, Calif., assignors to Burnham Chemical Company, Reno, Nev., a Corporation of Nevada. Filed Feb. 21, 1925. Serial No. 10,957. 5 Claims. (Cl. 23—41.)

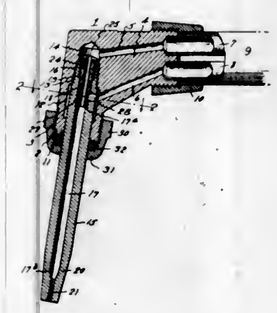
1. The process of recovering borax from liquors containing the same and other salts which comprises evaporating the liquor to crystallize out other salts and increase the concentration of metaborate and tetraborate, separating the liquor from the deposited crystals, chilling the liquor and agitating the chilled liquor in contact with a finely divided material whereby borax is rapidly crystallized out.

1,571,003. SMOKER'S ACCESSORY. ALEXANDRE GENAILLE, Ridgefield Park, N. J. Filed June 9, 1925. Serial No. 35,852. 6 Claims. (Cl. 206—41.)



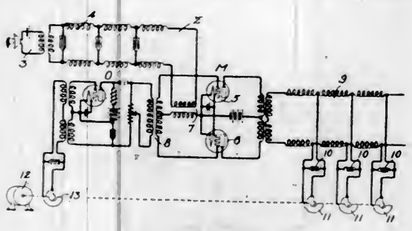
1. A smoker's accessory adapted to be normally carried on the person and embodying a receptacle having an open top, a hinged cover for closing said top, a partition carried by and extending transversely of the cover adjacent to but spaced from the hinged end thereof, and match retaining means also carried by the cover and positioned between the partition and the free end of the cover, said partition being proportioned to partition off a portion of the interior of the receptacle when the cover is closed for the purpose of segregating ashes in a position to preclude them from soiling the matches.

1,571,004. BLOWPIPE. JOHN HARRIS, Lakewood, Ohio. Filed Jan. 19, 1921. Serial No. 438,287. 5 Claims. (Cl. 158—27.4.)



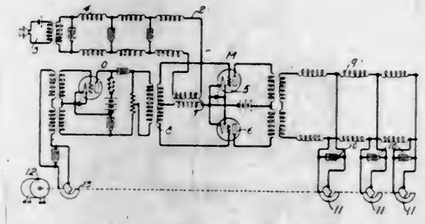
1. In a blowpipe, the combination of a head, a tip member secured to said head and provided with an expansion chamber having one or more burner outlets below and communicating therewith, a mixing device additional to said tip member and arranged to discharge its contents into said chamber, means for supplying oxygen to the bore of said mixing device, there being restricted ports extending through the wall of the mixing device from said bore, and means for supplying a combustible gas through said head and through said ports into the bore of said mixing device, the cross-sectional area of the outlet or outlets being at least as great as the cross-sectional area of the mixing device bore and at least as great as the aggregate cross-sectional areas of the ports for combustible gas communicating with said bore.

1,571,005. SECRET SIGNALING. RALPH V. L. HARTLEY, South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 8, 1920, Serial No. 408,890. Renewed Nov. 14, 1925. 11 Claims. (Cl. 178—44.)



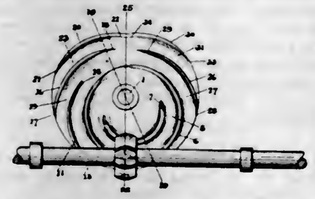
1. In a signaling system, a source of carrier waves of continuously varying frequency, means to modulate said waves in accordance with signals to produce upper and lower side bands of frequency components, selective circuits for selectively transmitting a portion of said frequency components to the practical exclusion of all of the components in one of said side bands, and means coordinated with the said source of carrier waves for varying the selective range of transmission of said selective circuits in step with the variations in the carrier frequency to cause said selective circuits to suppress substantially the whole of the same side band at all frequencies of the carrier wave.

1,571,006. SIGNALING SYSTEM. RALPH V. L. HARTLEY, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Original application filed Sept. 8, 1920, Serial No. 408,890. Divided and this application filed July 6, 1921. Serial No. 482,710. 14 Claims. (Cl. 178—44.)



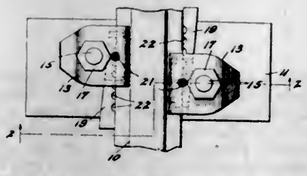
1. In combination, an electric wave filter of a plurality of sections, each of said sections comprising a shunt impedance element and a series impedance element, said impedance elements having such values as to freely transmit frequencies of a certain range while completely suppressing other frequencies, and unitary means for simultaneously and continuously varying the value of an impedance in each of said sections to continuously vary a limit of the effective transmission band of said filter.

1,571,007. MECHANICAL MOVEMENT. ALBERT HAYES, New York, N. Y., assignor to George F. McKay, Newark, N. J.; James J. Doyle administrator of George F. McKay, deceased. Filed Apr. 18, 1923, Serial No. 632,901. Renewed Dec. 19, 1925. 4 Claims. (Cl. 74—14.)



1. In a mechanical movement for converting continuous rotary motion into oscillating motion, a driving shaft, a driven shaft at right angles to the driving shaft and provided with a pinion, and a cam disc carried by the driving shaft having cam ridges on its face adapted to engage the teeth of the pinion, the cam ridges being formed on arcs concentric one with the other but eccentric to the axis of rotation of the disc.

1,571,008. RAIL-FASTENING MEANS. MEIER G. HILPERT, Bethlehem, Pa., assignor, by mesne assignments, to Bethlehem Steel Company, a Corporation of Delaware. Filed May 3, 1922. Serial No. 558,087. 12 Claims. (Cl. 238—282.)



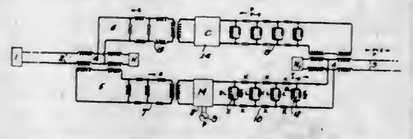
12. A rail fastening device including in combination, an anchoring means, adapted to be embedded in concrete, rail engaging blocks, means removably held by said anchoring means to clamp said blocks against the rail and means cooperating with said blocks securing the rail in a definite position of lateral adjustment.

1,571,009. LONG-WALL CONVEYER. HIRAM A. HOLZER, Kansas City, Mo., assignor to United Iron Works, Inc., Kansas City, Mo., a Corporation of Missouri. Filed Aug. 4, 1924. Serial No. 729,959. 2 Claims. (Cl. 198—129.)



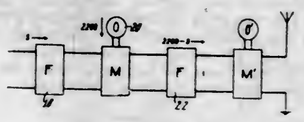
1. A long wall conveyer for mines, comprising a chain housing made up of a number of sections detachably connected together and each comprising two superimposed, shallow troughs provided with solid bottoms, a plurality of endless conveyer chains of relatively small pitch arranged to support and convey the material through the top trough of the housing and to return through the bottom trough of the housing, driving sprockets and idler sprockets at the ends of said housing around which said chains travel, the diameter of said sprockets being greater than the depth of said chain housing, and guide sprockets arranged adjacent said driving sprockets and idler sprockets and disposed so as to hold the top and bottom portions of the chains in substantially parallel relationship at the opposite ends of the chain housing.

1,571,010. SECRET SIGNALING. BURTON W. KENDALL, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 23, 1920. Serial No. 432,680. 26 Claims. (Cl. 179—1.)



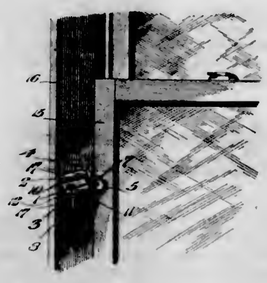
1. The method of transmitting a band of audio frequency waves of given frequency range which comprises inverting the frequencies of the components thereof to produce resultant audio frequency waves restricted to a frequency range substantially equal to that of the band of waves to be transmitted.

1,571,011. SECRET SIGNALING. BURTON W. KENDALL, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Original application filed Dec. 23, 1920, Serial No. 432,680. Divided and this application filed June 19, 1925. Serial No. 38,129. 11 Claims. (Cl. 250—6.)



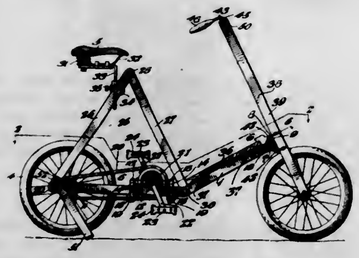
1. The method of secret radio telephony which comprises producing an inverted speech frequency band occupying approximately the same absolute frequency range as normal speech, modulating a radio wave in accordance with said inverted frequency band, and radiating said modulated waves.

1,571,012. ANTIRATTLER FOR WINDOWS. EMANUEL KEUSER, Sr., Palmyra, N. J. Filed Mar. 11, 1925. Serial No. 14,609. 4 Claims. (Cl. 292—140.)



1. As a new article of manufacture, an antirattler comprising a supporting plate, an endwise shiftable member having a lateral projection at each end thereof, a bolt having a handle arranged between said projections for partial rotation with respect to said members and a keeper for said member and said bolt fixed to said plate, said keeper being slotted to form a cam-face, through which slot said handle projects.

1,571,013. COMBINED BICYCLE AND SCOOTER. RICHARD G. LEDIG, Philadelphia, Pa., assignor to A. Mecky Company, Philadelphia, Pa., a Corporation of Pennsylvania. Original application filed Sept. 30, 1924, Serial No. 740,719. Divided and this application filed Apr. 9, 1925. Serial No. 21,761. 6 Claims. (Cl. 208—93.)

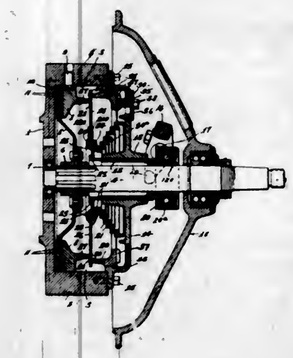


1. In a device of the character described, an upper angular frame carrying a seat, a lower frame, composed of spaced apart, rear parallel substantially horizontal members and upwardly inclined converging front members, rear wheel driving mechanism, carried on said rear members, and a centrally located scooter platform mounted on said front converging members and in advance of said rear wheel driving mechanism.

1,571,014. MOLD COMPOUND. CHARLES E. LEHR, Bethlehem, Pa., assignor to Bethlehem Steel Company. Filed May 27, 1925. Serial No. 33,287. 6 Claims. (Cl. 22—188.)

1. A compound suitable for forming foundry molds comprising a comminuted slag, foundry sand and fire clay.

1,571,015. FICTION CLUTCH FOR MOTOR VEHICLES. HERBERT J. LEIGHTON, Syracuse, N. Y., assignor to Brown-Lipe Gear Company, Syracuse, N. Y., a Corporation of New York. Filed May 7, 1921. Serial No. 467,553. 7 Claims. (Cl. 192—68.)



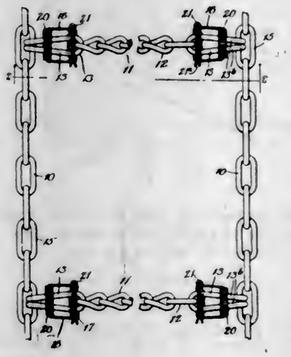
1. In a clutch, the combination with driving and driven elements, a pressure ring rotatable with and shiftable axially of one of said elements, the other of said elements including a shaft, and a friction plate rotatable with the shaft and extending between the pressure ring and the opposite surface of the element with which the ring is associated, and an operating member shiftable axially of the shaft; of an annular fulcrum carried by and rotatable with the element with which the pressure ring is associated, the annular fulcrum being adjustable axially of said element, and motion transmitting means between said operating member and the ring, said means comprising levers for moving the pressure ring, the levers engaging said annular fulcrum substantially throughout the entire circle thereof, substantially as and for the purpose described.

1,571,016. SPORTS TROUSERS. ALFRED D. LESSER, New York, N. Y. Filed Oct. 28, 1925. Serial No. 65,276. 1 Claim. (Cl. 2—228.)



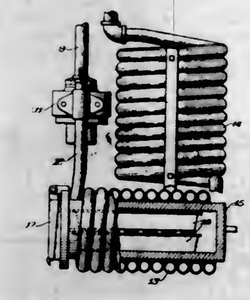
As an article of manufacture, a pair of trousers having side pockets and the usual outside and inside seams in each leg, a loosely fabricated tape insert in each of said seams, said tape being more pervious than the material of which trousers are made and also presenting spaced openings through which the trousers may be ventilated, said inserts in the outside seams extending from the lower points of the pockets substantially to the bottoms of the legs.

1,571,017. SNAP FASTENER. THOMAS H. LESTER, Highland Park, Ill. Filed Dec. 8, 1921. Serial No. 520,796. 4 Claims. (Cl. 24—232.)



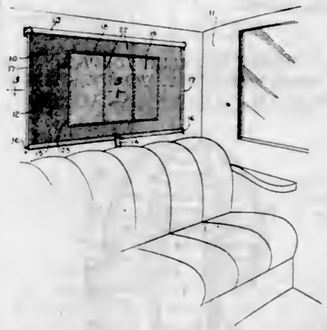
1. A snap fastener comprising an elongated chain link adapted for use as the end link of a chain, said elongated link having a hooked extremity, and a holding device having parts surrounding said elongated link and being adapted to be passed into position on said elongated link over the hooked end thereof and to engage the end link of a chain to which said elongated link is connected, said holding device being retained in place by the next adjacent link of the chain and having a part adapted to be engaged by said hooked extremity.

1,571,018. SHARP FREEZER. CARL E. L. LIPMAN, Beloit, Wis., assignor to Lipman Refrigerator Car & Manufacturing Company, Beloit, Wis., a Corporation of Delaware. Filed Aug. 20, 1923. Serial No. 658,216. 4 Claims. (Cl. 62—95.)



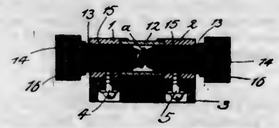
4. A refrigerating apparatus, including a cooling compartment and a sharp freezer therein, said sharp freezer comprising a refrigerating coil and a chamber surrounded by the convolutions of said coil, the walls of said chamber being formed of thick cast metal possessing the characteristics of low heat conductivity and high thermal capacity, and a movable door for said chamber, said chamber walls being adapted to prevent rapid fluctuations of temperature within said chamber when there is a rise in temperature in the cooling compartment.

1,571,019. NONGLARE TRANSPARENT SHADE FOR AUTOMOBILES AND OTHER VEHICLES. ROSE J. H. LUCAS, East Orange, N. J. Filed July 26, 1924. Serial No. 728,486. 5 Claims. (Cl. 296—97.)



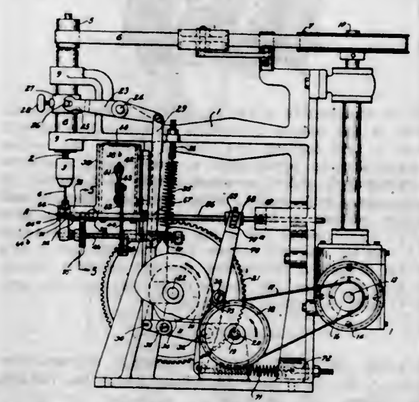
1. A rollable non-glare device for the window or opening of an automobile or the like comprising a sheet of flexible light filtering medium of rollable material and superimposed mesh material and means for securing said mesh material to said sheet of light filtering material.

1,571,020. CRYSTAL DETECTOR FOR WIRELESS TELEPHONY AND TELEGRAPHY. WILLIAM D. McGOWAN, Jersey City, N. J. Filed Sept. 16, 1922. Serial No. 588,609. 4 Claims. (Cl. 250—31.)



1. In a device of the character described, two spaced cylindrical electro-conductive bearings, a cylindrical insulating member connecting the bearings, an electro-conductive brush support slidable within each bearing and a plurality of resilient electro-conductive brush bristles carried by each brush support inwardly of the device abuttable upon a freely movable crystal detector.

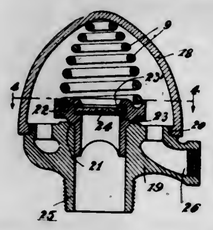
1,571,021. DRILLING MACHINE. PETER MEYER, Newark, N. J. Filed July 10, 1924. Serial No. 725,137. 7 Claims. (Cl. 77—5.1.)



2. A drilling machine of the character specified comprising means to rotate and reciprocate a drill, supply means for pins having flat surfaces, means to feed the

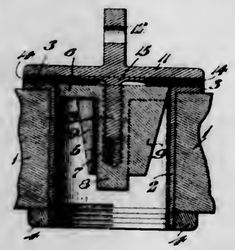
pins to drilling position, and means to cause the pins to present their flat surfaces in drilling position comprising one or more movable blocks having an inclined surface to encounter the flat surfaces of the pins to rotate them into drilling position.

1,571,022. PRESSURE-RELIEF DEVICE. CASIN W. OBERT, Mount Vernon, N. Y. Filed Mar. 21, 1923. Serial No. 626,715. 3 Claims. (Cl. 137—53.)



1. A pressure relief valve comprising a casing having an inlet aperture, a discharge aperture and a valve seat between said apertures, a valve member cooperating with said seat for closing the communication between said apertures, means for maintaining said valve on its seat under normal fluid pressures exerted through the inlet aperture and yieldable to permit said valve to open when a predetermined pressure is reached, cushioned means normally movable with said valve member but adapted to duplture by the pressures when it exceeds the normal increases of pressure in the event that the valve fails to open and move from its seat and is prevented from operating normally.

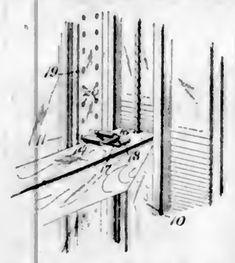
1,571,023. OUTLET PLUG FOR DYE VATS. MICHAEL PEKORA, Philadelphia, Pa. Filed Feb. 27, 1923. Serial No. 621,543. 2 Claims. (Cl. 217—110.)



1. In combination a dye vat having a flat bottom an outlet in the bottom thereof, a flanged hollow thimble fitted to said opening and secured therein the bottom of said thimble being open, a plug having a central screw-threaded socket arranged within said thimble to close same, said socket being operable through said thimble bottom, a cap having a screw-threaded stem engaging said socket and a flat gasket arranged between said plug top and cap bottom and upon the top of said trimble flange for preventing the vat contents attacking said cap screw, the weight of the vat contents serving to hold said plug in position.

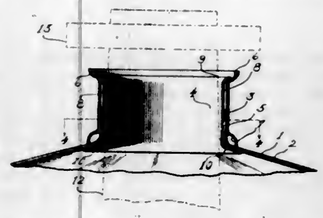
1,571,024. WINDOW LOCK. WALTER J. SCHEID, Newark, N. J. Filed July 16, 1924. Serial No. 726,255. 2 Claims. (Cl. 292—156.)

1. A window lock comprising a plate having parallel sleeves formed on its side edges and with its back edge provided with a stop, and a U-shaped bolt in the sleeves and adapted to be withdrawn therein when the rear end



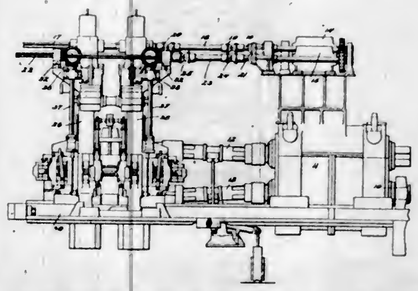
of the bolt engages the stop and to be projected therefrom when in locking position, and a plate having recesses to receive the ends of the bolt.

1,571,025. LAMP-SHADE VENT RING. ADOLPH SCHERER, Philadelphia, Pa. Filed Feb. 1, 1923. Serial No. 616,428. 3 Claims. (Cl. 240—108.)



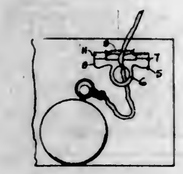
1. In combination with a lamp shade having a vent opening in its top, an outer ring mounted around the opening on the outer side of the shade, and an inner ring mounted within the opening and having curved flared ends adapted to be forced against the upper end of the outer ring and the inner side of the shade to clamp the shade between the rings.

1,571,026. ROLL-CHANGING RACK. PAUL AUGUST SCHULZ, Bethlehem, Pa., assignor to Bethlehem Steel Company, Bethlehem, Pa., a Corporation of Pennsylvania. Filed Nov. 17, 1921. Serial No. 515,863. 12 Claims. (Cl. 80—1.)



12. In apparatus for changing rolls in rolling mills having roll adjusting means and roll-supporting housings separable lengthwise of the horizontal rolls, the combination of sole plates for supporting mill housings, a cross-head movable lengthwise with respect to a housing, a plurality of screws arranged parallel to the sole plates and engaging the cross-head, a drive shaft, gearing between the drive shaft and each of said screws, supporting structure arranged above one end of the sole plates, a pair of drive shafts carried by the supporting structure and adapted for connection to the adjusting means for the horizontal and vertical rolls of the mill, a train of gearing, clutches between elements of said train and each of the said shafts of said pair of shafts, a source of power, power transmitting means between the source of power and said gear train, and clutch means between the power transmitting means and the drive shaft for said screws.

1,571,027. WATCH GUARD. WILLIAM P. TALBOT, Millbrook, N. Y. Filed July 23, 1925. Serial No. 45,483. 1 Claim. (Cl. 2—249.)



A watch guard made up of a single piece of flat stock, comprising a body portion, having an opening therein through which a watch chain is adapted to pass, a spring coil fastening element at one end of said body portion, a bent over portion on said body portion to cover the spring coil fastening element, a pointed portion on the other end of said fastening element, a bent over portion on said body portion to cover the point on said fastening element, and an offset portion intermediate of said fastening element.

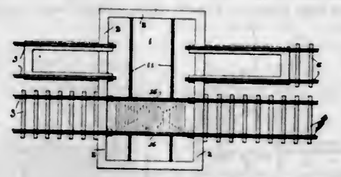
1,571,028. GREASE GUN. JOSEPH W. THOMAS, New York, N. Y. Filed May 21, 1925. Serial No. 31,783. 5 Claims. (Cl. 221—47.3.)



2. A grease gun including a cylinder, a pair of end walls each having a flange encircling said cylinder with the edge portion spaced therefrom, one of said end walls being removable whereby a jacket may be slipped onto said cylinder, and held between and beneath said flanges, a piston having a rod projecting through one of said end walls, the other of said end walls having a dispensing outlet.

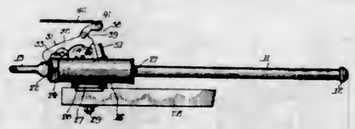
1,571,029. HYDRAULIC JACK. WILLIAM J. WATERS, Elizabeth, N. J., assignor to The Watson-Stillman Co., New York, N. Y., a Corporation of New York. Filed Sept. 18, 1924. Serial No. 738,350. 42 Claims. (Cl. 104—32.)

1. In a drop pit jack, in combination a wheeled carriage, a motor supported by the wheeled carriage, means for driving the wheeled carriage by the motor, an hydraulic jack supported by the carriage, a transfer table



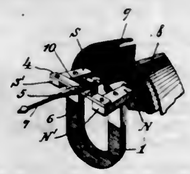
above the jack carrying load-receiving rails and adapted to be engaged and lifted by the jack or disengaged at will and means for operating the jack by the motor.

1,571,030. TRACTOR HITCH. IRA A. WEAVER, Springfield, Ill., assignor to Weaver Manufacturing Company, Springfield, Ill., a Corporation of Illinois. Filed Apr. 10, 1924. Serial No. 705,441. 9 Claims. (Cl. 280—33.16.)



1. In a hitch of the character described, the combination of a relatively-movable first and second means, one adapted to be secured to a tractor and the other designed to be fastened to an agricultural implement, means to lock said first and second means together whereby the pull of the tractor is exerted on the agricultural implement, means to automatically release said locking means upon the occurrence of abnormal conditions, and means to automatically again render said locking means operative upon movement of said first and second means toward one another.

1,571,031. SPRING-MOTOR INDICATOR. MAXIMILIAN WEIL, New York, N. Y. Filed Jan. 6, 1921, Serial No. 435,541. Renewed Apr. 8, 1925. 30 Claims. (Cl. 185—44.)

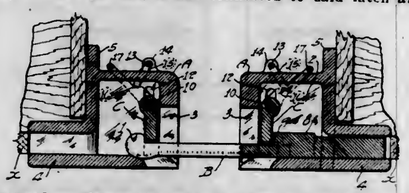


8. The combination of a coiled motor spring and a device provided with a magnetic field extending within a portion of said spring and responsive to the variations in reluctance effected by the extent of coiling and uncoiling of said motor spring.

1,571,032. CAR COUPLER. JOSEPH WESOLIK, Belleville, Ill., assignor of one-half to Henry H. Gerling, Belleville, Ill. Filed Mar. 23, 1925. Serial No. 17,708. 4 Claims. (Cl. 213—176.)

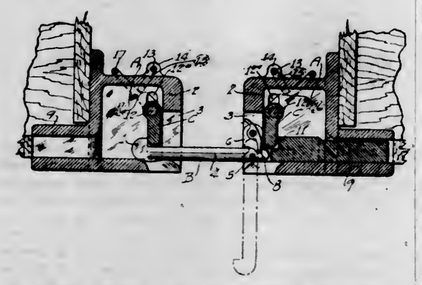
1. In a car coupling, a coupler member adapted to be mounted on a car and provided with a box-like portion, a draw bar removably mounted in said member and provided with a shoulder, a latch inside of the box-like portion of said member arranged to co-operate with said

shoulder to prevent the draw bar from pulling out of said member, laterally-projecting trunnions on said latch arranged in elongated slots in the side walls of said box-like portion, a bail connected to said latch and



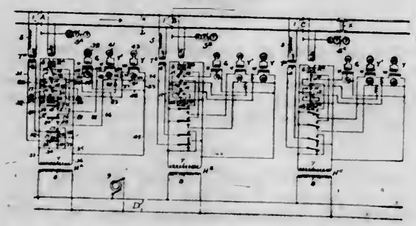
arranged on the outside of said member for bodily shifting said latch, and a rock shaft on said member provided with arms that cooperate with said bail to retain said latch in operative position.

1,571,033. CAR COUPLER. JOSEPH WESOLIK, Belleville, Ill., assignor of one-half to Henry H. Gerling, Belleville, Ill. Filed Mar. 23, 1925. Serial No. 17,709. 4 Claims. (Cl. 213—176.)



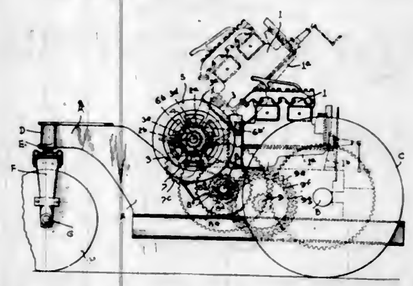
1. A car coupling, consisting of two coupler members adapted to be arranged in opposed relation, a draw bar removably mounted in one of said members and provided with an adjustable front portion that can be arranged in an inoperative position, means for holding said front in its operative position, a latch in one of said coupler members that retains the draw bar in same, and a similar latch in the other coupler member arranged so that the front end of the draw bar will automatically interlock with same during the operation of coupling two cars together.

1,571,034. RAILWAY SIGNALING. HENRY S. YOUNG, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed May 5, 1923. Serial No. 636,827. 8 Claims. (Cl. 246—34.)



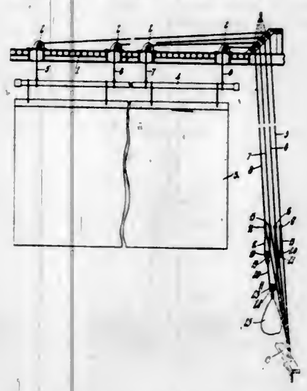
1. A railway signaling system comprising a step-down lighting transformer, a signal lamp connected to the secondary of said transformer, a circuit for the primary of said transformer including a source of energy, train governed means for interrupting said circuit and a resistance whereby the voltage of the source is reduced to a safe value for said primary, a second signal lamp having a circuit including the said source, and a second train controlled means for interrupting the last-mentioned circuit.

1,571,035. MOTOR VEHICLE. ANDREW W. AITKEN, Springfield, Ohio, assignor to The Buffalo-Springfield Roller Co., Springfield, Ohio, a Corporation of Ohio. Filed Dec. 12, 1924. Serial No. 755,522. 27 Claims. (Cl. 180—27.)



1. In a motor vehicle of the character specified, a frame, a shaft mounted on the frame, a motor mounted on the frame, the motor being swingable concentric to said shaft; means for driving the shaft by the motor, and change speed gearing between the shaft and the driving axle of the vehicle.

1,571,036. HOISTING AND EQUALIZING APPARATUS. ALLEN A. ANGUISH, Everett, Mass. Filed Mar. 24, 1925. Serial No. 17,886. 4 Claims. (Cl. 254—14.)

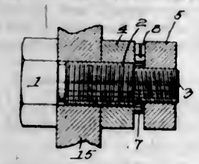


1. A hoisting and equalizing apparatus comprising, in combination, a movable member, a plurality of hoisting ropes attached to said movable member, pulleys over which said ropes extend, flexible members forming loops and attached at opposite ends thereof to separate ones of said hoisting ropes, a pulley mounted upon each of said loops, a flexible member also forming a loop and attached at opposite ends thereof to said last-named pulleys, and a weight suspended upon said flexible member.

1,571,037. NUT LOCK. ARTHUR F. BARTLETT and WILLIAM F. STRAUB, Fitchburg, Mass. Filed Sept. 30, 1925. Serial No. 59,606. 3 Claims. (Cl. 151—17.)

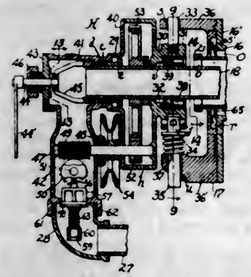
1. In a nut lock mechanism, the combination with a bolt or shaft having contiguous oppositely threaded portions, an inner nut and an outer nut, of a reduced por-

tion on one nut having peripheral ratchet teeth, a spring pressed pawl on the face of the other nut to co-



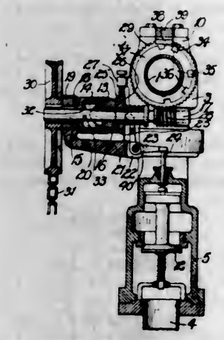
operate with said ratchet teeth, and a pivot for said pawl adapted to receive the pressure between said nuts, leaving said pawl free to be turned.

1,571,038. SOOT BLOWER. LEO JOHN BAYER, St. Louis, Mo. Filed May 8, 1922. Serial No. 559,290. 2 Claims. (Cl. 122—392.)



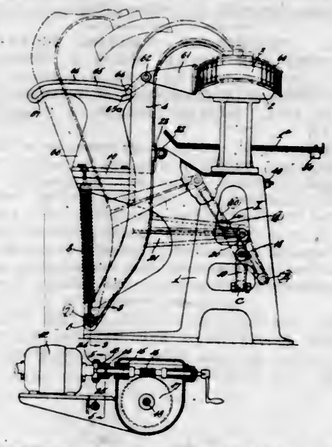
2. In combination with a boiler and setting therefor, a soot blower unit comprising a blower pipe, a steam supply pipe therefor, an operating head communicating with the blower pipe and supply pipe, and means for securing the soot blower unit to the boiler wall comprising a wall plate having an opening for receiving the blower pipe, a pair of spaced, vertically alined lugs projecting from said wall plate, and means for flexibly connecting the operating head to the wall plate comprising a universal joint arranged between the head and the bottom lug and a pin and slot connection between the head and the upper lug.

1,571,039. SOOT BLOWER. LEO JOHN BAYER, St. Louis, Mo. Filed Jan. 4, 1924. Serial No. 684,361. 4 Claims. (Cl. 122—392.)



1. In a soot blower for boilers, a rotatable blower unit, a steam supply pipe therefor, a valve for controlling the supply of steam to the blower unit, means for rotating the blower unit, means associated therewith for opening said valve, and means for automatically acting on said valve opening means, when said blower rotating means are released, to permit said valve to close.

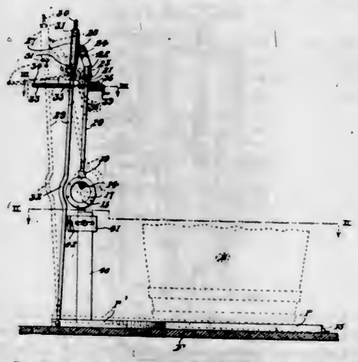
1,571,040. POWER PRESSING MACHINE. DANA H. BENJAMIN and HOWARD W. BENJAMIN, Cleveland Heights, Ohio, assignors to The American Laundry Machinery Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Jan. 16, 1925. Serial No. 2,859. 12 Claims. (Cl. 68—9.)



8. A garment press, comprising a frame, a stationary work supporting bed, a pressing head mounted in said frame for swinging motion about a horizontal axis into and out of registration with said bed and vertical pressing motion relative thereto, movable guarding means for the space between said members and means actuated by relative head and bed motion for operating said guarding means.

12. A garment press, comprising a frame, a stationary work supporting bed, a pressing head, a support therefor extending downwardly past the bed and at its lower end provided with a horizontal shaft having limited vertical movement in the frame yielding supporting means for said support, and means for swinging said support about the axis of said shaft to move the head into and out of registration with the bed and for moving said shaft vertically to produce vertical pressing motion of the head toward the bed.

1,571,041. ART OF PACKAGING FRUIT AND THE LIKE. HUGH R. BLACK, Hall, N. Y. Filed Dec. 27, 1923. Serial No. 683,015. 32 Claims. (Cl. 259—75.)



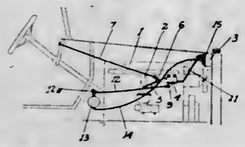
10. In the packaging of fruit and the like, wherein the contents of the container are caused to settle into transportable condition by a succession of jolts applied to the container during filling of the latter, and wherein

the jolting action is provided by moving the container support upwardly out of a normal position and permitting it to drop to its normal position, the method of producing a graduated settling action of the contents, said method consisting in increasing the intensity of the applied jolt as the filling proceeds by progressively increasing the distance through which the support drops.

1,571,042. PROCESS OF TREATING FILTRATION RESIDUES FOR REUSE. PERCY A. BOECK, Los Angeles, Calif., assignor, by mesne assignments, to The Celite Company, a Corporation of Delaware. Filed Jan. 19, 1921. Serial No. 438,520. 8 Claims. (Cl. 252—2.)

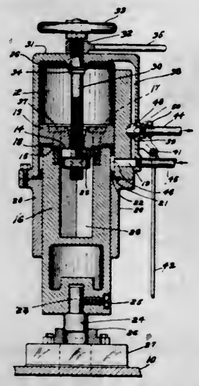
1. The process of recovering diatomaceous earth filter aids after use in filtration of liquids containing impurities, which comprises drying such diatomaceous earth filter aids together with impurities removed from the liquid, and then heating the dried residue for a sufficient time to increase the filtration efficiency without removing any substantial amount of chemically combined water from the diatomaceous earth, said residue being reduced to fragmentary condition before the heating operation.

1,571,043. WATER-CONSERVING SYSTEM FOR GAS-ENGINE RADIATORS. FRED CLASING, Sacramento, Calif. Filed Apr. 28, 1924. Serial No. 709,709. 7 Claims. (Cl. 123—174.)



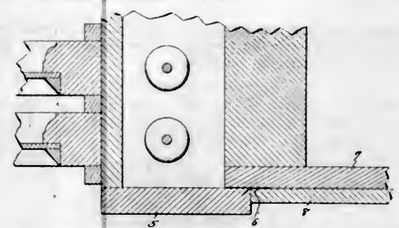
1. A system for conserving the water in the radiators of gas-engines comprising a tank, passage means leading from the radiator above the normal water level therein to said tank, a return pipe from the tank to the radiator at a point in the latter below the normal water level therein, means for inducing a suction in said passage means away from the radiator whereby a negative pressure will be maintained in the latter, and valve means for said return pipe normally closed and arranged to open only when the water in the radiator drops below a certain level.

1,571,044. POWER PRESS. ARTHUR V. DA COSTA, Providence, R. I., assignor, by mesne assignments, to Providence Press Machinery Co., Inc., a Corporation of Rhode Island. Filed Aug. 31, 1922. Serial No. 585,409. 3 Claims. (Cl. 121—12.)



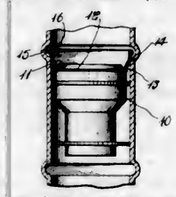
1. In a power press, a cylinder, a piston in said cylinder carrying a plunger member provided with an elongated chamber, a stop nut slidably but non-rotatably mounted in said chamber, a threaded spindle extending through said cylinder head and said piston into said nut, means whereby said spindle may be rotated to adjust said nut thereon to limit the outward stroke of the piston, and a valve for controlling the reciprocating action of said piston.

1,571,045. WINDOW FRAME. SAMUEL L. DENNIS, Norfolk, Va. Filed Apr. 9, 1925. Serial No. 21,941. 1 Claim. (Cl. 20—11.)



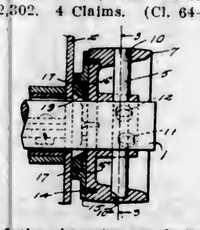
A window-casing weather-strip consisting of a bendable strip of sheet metal having one of its longitudinal edges anchored in a kerf formed in the outside casing-strip of the window-frame, said kerf being located at the inner corner of the outer edge of the casing-strip so that the free portion of the strip will project obliquely beyond the edge of the casing-strip so as to flatten out against the storm-sheathing when the frame is positioned in the building and be covered by the finishing lumber.

1,571,046. CUP-PACKING GASKET FOR OIL-WELL-CEMENTING PLUGS. ZEB ALLEN DYER and HORACE H. DUBENDORF, Long Beach, Calif., assignors to Frederick W. Huber, Riverside, Calif. Filed May 17, 1924. Serial No. 714,128. 1 Claim. (Cl. 166—13.)



A cup packing consisting of a flat circular body portion having an upstanding peripheral flange, the lower portion of said flange being arranged approximately perpendicularly to the body, the portion of the flange above the body portion flaring outwardly in a reverse curve and gradually decreasing in thickness from the lower portion upwardly, said flange terminating in a beading at its upper edge, the beading being of greater thickness than the material just below the beading.

1,571,047. ADJUSTABLE FAN-BELT PULLEY. HAMMAN L. FRENCH, Piedmont, Tenn. Filed May 10, 1924. Serial No. 712,302. 4 Claims. (Cl. 64—17.)

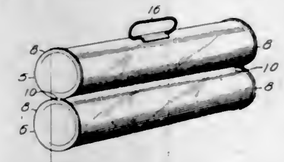


1. A pulley of the character set forth provided with axially spaced series of radially alined openings and with a boss provided with a conical recess, and a washer provided with a conical front side entering said recess.

1,571,048. TREATMENT OF FIBROUS MATERIALS. JAMES RANKIN GARROW, London, England, assignor, by mesne assignments, to Novocrete & Cement Products Company Limited, London, England, a Corporation of Great Britain. Filed Aug. 28, 1924. Serial No. 734,816. 7 Claims. (Cl. 91—68.)

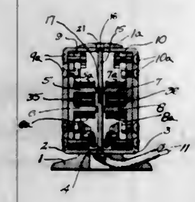
6. Process of treating fibrous materials which consists in rendering a solution of a normal metallic salt sensitive in regard to its tendency to precipitate a mineral compound therefrom by the addition of an alkaline substance to an extent such that a slight excess will provide a permanent precipitate, impregnating the fibrous material with the sensitive solution, and then bringing into contact the impregnated material with an alkaline substance, whereby a solid compound is precipitated in and on the material.

1,571,049. MULTI-UNIT PACKAGE. FREDERICK D. GATCHELL, New York, N. Y. Filed June 12, 1924. Serial No. 719,529. 1 Claim. (Cl. 220—1.)



A multi-unit package comprising independently sealed containers having end margins and arranged with such end margins in point contact, and a rupturable bonding means uniting such end margins at their points of contact, the remaining lengths of the containers being free of each other.

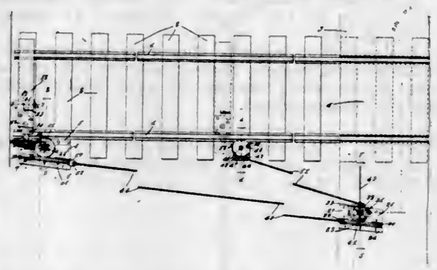
1,571,050. ELECTROMAGNETIC DRIVING APPARATUS. WILLIAM H. GERNS, East Orange, N. J., assignor, by mesne assignments, to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Filed Apr. 29, 1925. Serial No. 26,707. 3 Claims. (Cl. 179—100.1.)



3. An armature member for electromagnetic apparatus comprising in combination a substantially ring shaped portion, a tongue extending inwardly from said ring shaped portion and an enlarged central portion formed on said tongue, said tongue being arranged to fulcrum about the junction of said tongue and said ring shaped portion whereby mechanical movement of said armature may be secured for developing sound vibrations therefrom.

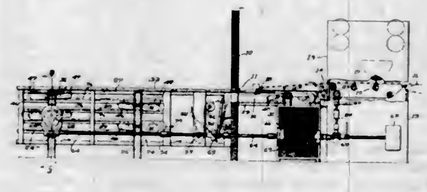
1,571,051. CROSSING SIGNAL. CHARLES GRAGERT, Ada, Minn. Filed Sept. 5, 1925. Serial No. 54,762. 4 Claims. (Cl. 246—293.)

1. A railroad crossing signal of the character described, comprising a connected rack and gear mechanism, a contact stud carried by said gear, a trip element designed to be carried by a train to strike said stud, a signal element, a rack and gear mechanism controlling said signal element, connecting means between the said



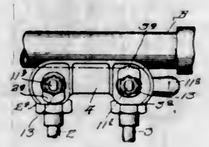
mechanisms, and means operable by said trip element and connected with said last mentioned mechanism to restore the said signal element to non-signaling position after the setting of the same.

1,571,052. COATING AND DRYING MACHINE. JESSE W. GREER, Cambridge, Mass. Filed Sept. 11, 1922. Serial No. 587,324. 4 Claims. (Cl. 198—30.)



1. A confectionery drying apparatus, comprising in combination an endless conveyor consisting of trays connected to travel as a unit lengthwise of the apparatus along different runs, means for maintaining the trays in a horizontal position while traveling lengthwise of the runs and from one run to the other, and an endless carrier extending over an end portion of the upper run of the conveyor and having an upper run that terminates in close proximity to the surface of the upper run of the conveyor to deposit articles gently upon each tray as it reaches the upper run.

1,571,053. GAS RANGE. AUGUSTUS F. HARTER, Oak Park, Ill., assignor to Cribben & Sexton Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 6, 1924. Serial No. 730,899. 4 Claims. (Cl. 126—42.)

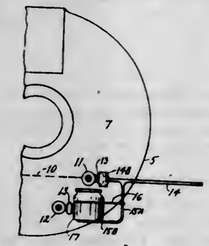


1. The combination of a pair of gas-cock casings, taper gas-cocks working therein having handles at one end and having at the other end extensions equipped with cams rigid therewith, springs interposed between said casings and cams, and a cam-shifted lock-plate connected with said extensions and serving, when either gas-cock is open, to lock the other gas-cock.

1,571,054. METHOD FOR REMOVING SILICA FROM ORE LEACHES. MARTIN HOSENFELD, Berlin-Siemensstadt, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Filed Jan. 26, 1925. Serial No. 4,944. 16 Claims. (Cl. 23—182.)

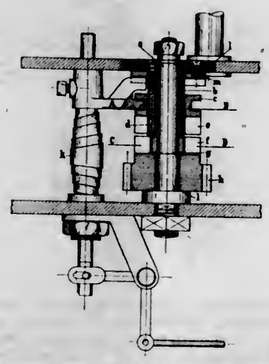
5. A method of producing silica which comprises mixing a powdered insoluble substance with the jelly setting from an ore leach, removing the water, and pulverizing the resulting product.

1,571,055. OIL-GAUGE-TESTING DEVICE. MELVIN M. HUTCHINS, St. Paul, Minn. Filed Apr. 2, 1925. Serial No. 20,204. 1 Claim. (Cl. 137—139.)



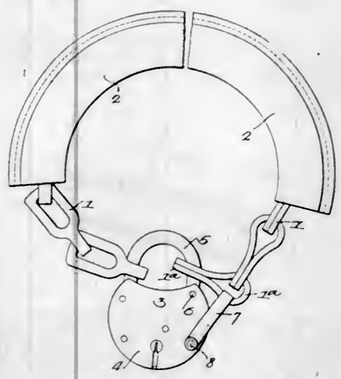
In an oil valve device for opening and closing pet-cocks in oil reservoirs of the class described, an elongated main bar with a handle at one end, valve stem engaging and manipulating means at the other end, means secured to said main bar and adjacent its valve engaging end for supporting and holding a receptacle with its opening adjacent said valve engaging means, said main bar adapted to be turned by means of the handle to open the pet-cock and, simultaneously to position the vessel to catch oil escaping from the pet-cock, said vessel comprising a jar of transparent material, said vessel supporting means comprising an L-shaped member secured to the main bar and extending at an angle from the main bar thence lateral to the main bar to support the bottom of the vessel, and said vessel holding means comprising a pair of oppositely disposed spring arms secured to the angular arm of the supporting member and adapted to simultaneously engage opposite sides of the vessel.

1,571,056. COUPLING FOR SINGLE-THREAD LACE-BRAIDING MACHINES. GUSTAV KRENZLER, Barmen, Germany. Filed Mar. 8, 1922. Serial No. 542,116. 4 Claims. (Cl. 96—11.)



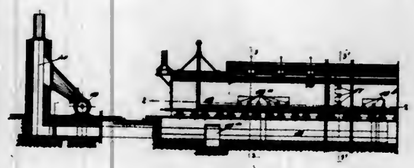
1. In a lace braiding machine, a pillar having a part of normal diameter and a part of reduced diameter, a carrier driver with a bushing on it surrounding the reduced part of the said pillar, a clutch member slidable but not rotatable on the said bushing, a driver wheel adapted to be coupled with the said clutch member and surrounding the said pillar on its part showing the normal diameter, and a ring of a greater diameter than the normal diameter of the said pillar supporting the said bushing and supported by the said normal part of the said pillar.

1,571,057. CHAIN AND LOCK THEREFOR. WALDEMAR KROLL, Philadelphia, Pa., assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn., a Corporation of Connecticut. Filed Dec. 6, 1923. Serial No. 678,959. 4 Claims. (Cl. 70—17.)



1. The combination of a chain; a lock having a body portion and a shackle, the shackle being arranged to connect links at the two ends of the chain; and means for retaining the shackle in one of said links when the lock is open.

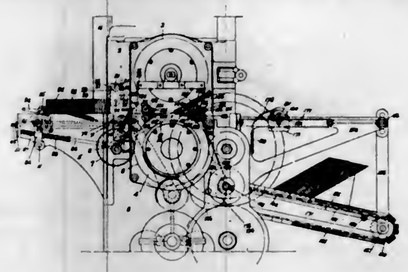
1,571,058. KILN AND LIKE STRUCTURE, AND HEAT TREATMENT. NICOLA LENGERSDORFF, Dresden, Germany. Filed Feb. 9, 1924. Serial No. 691,688. 11 Claims. (Cl. 25—142.)



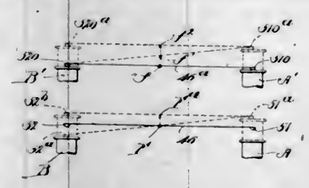
1. The process of treating goods or material, which consists in heating them by flames, then carrying them away from such flames, into contact with air to be heated by such hot material, and then carrying such heated air, in amounts, to the several flames, to support combustion, the amount of heated air delivered to each flame being independently regulated with respect to the flame which it serves.

1,571,059. ROTARY STAMPING PRESS FOR BOOKBINDERS' USE. JOHN MURRAY, London, England. Filed Jan. 4, 1923. Serial No. 610,671. 12 Claims. (Cl. 101—23.)

1. In a rotary stamping press for bookbinders' use; in combination, means for receiving book covers of different sizes and thicknesses and for permitting their discharge singly, means for moving the covers towards the stamping cylinders, means for aligning the moving covers, means for feeding the covers into the stamping cylinders, means for registering the covers on the impression cylinder, and means for finally moving the covers from the stamping cylinders and for delivering them in a finished condition.

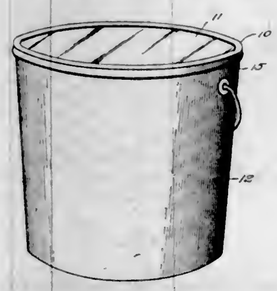


1,571,060. FULL-CAN-CHANGER STOP MECHANISM. ROBERT E. NAUMBURG, Winchester, Mass. Filed July 1, 1925. Serial No. 40,966. 18 Claims. (Cl. 19—164.)



2. Apparatus of the class described comprising means for delivering textile fibre, a series of receptacles, means for moving each receptacle as filled away from the delivery means and for substituting an empty receptacle for the filled one, and means responsive to filling of the last receptacle only of said series for stopping the delivery means.

1,571,061. FOOD COVER. LEIGH G. NELSON, Chicago, Ill. Filed Apr. 23, 1923. Serial No. 633,958. 1 Claim. (Cl. 220—82).



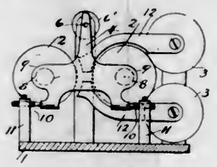
A device of the character described, comprising a ring having a substantially flat portion with a downwardly turned flange at its outer edge, and a downwardly projecting crimped flange at the inner edge supporting a circular disk of transparent material, the bend in said crimped flange being relatively large and springy and its extreme inner edge being bent downward away from said transparent material, whereby said transparent material is clamped in said crimped flange.

1,571,062. SPURRED PICKEROON. DAVID H. PEAVEY, Brewer, Me. Filed Mar. 27, 1925. Serial No. 18,851. 5 Claims. (Cl. 294—19.)



1. An implement for the purpose set forth comprising a hollow wedge-shaped head adapted to be mounted on one end of a handle member, a one-piece laterally extending tapered pick point having its inner end integral with the forward end of and flush with the outer and inner sides of said head, said point inclining slightly towards the inner side of the head, a laterally extending spur base integral with the rear end of said head at the outer portion thereof, and a tapered spur integral with the forward side of said base and offset with respect to and projecting beyond the outer side of the head, said spur disposed at a slight outward inclination with respect to the vertical axis of the head.

1,571,063. TELEGRAPH RELAY. GEORGE L. RAWDON, Lakewood, Ohio. Filed Nov. 10, 1923. Serial No. 673,912. 2 Claims. (Cl. 200—98.)

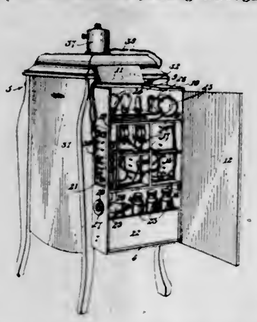


2. In a relay, the combination with a main electro-magnet and pole pieces and a holding electro-magnet of a support therefor, a vibratable armature lever common to both magnets and pivotal suport therefor at one end therefor, and front and rear contact points therefor, and laterally extending pole pieces for said holding magnet, the free extremities of said pole pieces being opposed to said common armature lever, said main electro-magnet being positioned horizontally on said base and said holding electro-magnet being supported upon one longitudinal edge adjacent to with one side of said main elecero-magnet, the pole pieces of said holding electro-magnet encircling said adjacent side of said main electro-magnet, said armature being provided with lateral extensions opposed to the poles of said main electro-magnet, the central portion thereof being opposed to the poles of said holding electro-magnet.

1,571,064. WIRELESS-RECEIVING-APPARATUS CABINET. FREDERICK W. RENWICK, Camden, N. J., assignor of one-half to John S. Latta, Philadelphia, Pa. Filed July 24, 1924. Serial No. 727,932. 1 Claim. (Cl. 45—52.)

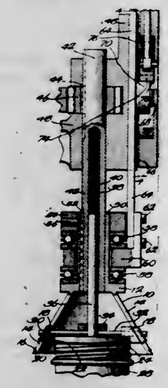
In a device of the type described, a cabinet adapted for housing music producing mechanism, a cabinet adapt-

ed to house a wireless receiving set, a portion of one wall of said latter cabinet being constructed for the reception of jacks and other electrical connector elements, and tubular members passing through portions of



both of said cabinets for connecting the receiving set cabinet to the music mechanism housing cabinet and for permitting wires attached to the electric connector elements to pass therethrough into the last mentioned cabinet.

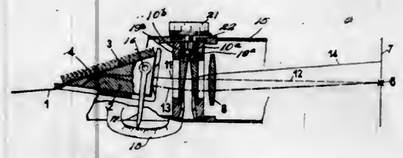
1,571,065. CLUTCH FOR BOTTLE-SCREW-CAPPING MACHINES. ARTHUR I. RISSER, Chicago, Ill., assignor to U. S. Bottlers Machinery Co., Chicago, Ill., a Corporation of Illinois. Filed Feb. 10, 1923. Serial No. 618,277. 5 Claims. (Cl. 226—88.)



1. In mechanism of the class described, a reciprocable shaft, a plurality of arms radiating therefrom, a gripping jaw slidable on each arm, means having wedging engagement with said jaws operating upon movement of said shaft in one direction to move said jaws radially on said arms towards one another and upon movement of said shaft in an opposite direction to move said jaws away from one another, and means normally urging said shaft in a direction with respect to said means to move said jaws away from one another.

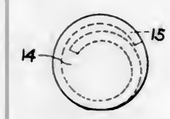
1,571,066. REFRACTOMETER. HANS SCHULZ, Grosslichterfelde-Ost, near Berlin, Germany, assignor to Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Filed Mar. 21, 1924. Serial No. 700,784. 2 Claims. (Cl. 88—14.)

1. A fluid-testing refractometer with a temperature compensating device, comprising an adjustable prism having a reflecting surface adapted to be brought into contact with the fluid to be tested, a lens disposed in the path of the rays coming from said reflective surface of the measuring prism, a wedge-shaped adjustable optical device disposed in the path of the rays between the measuring



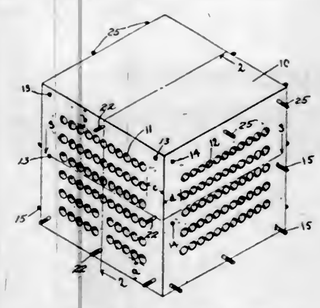
prism and said lens, the said adjustable optical device having coordinated thereto a setting scale and a mark carrying member arranged in the image plane of the instrument.

1,571,067. DEMIAMBER RIM AND PROCESS FOR PRODUCTION OF SAME. ELMER L. SCHUMACHER, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Jan. 24, 1925. Serial No. 4,526. 7 Claims. (Cl. 18—48.)



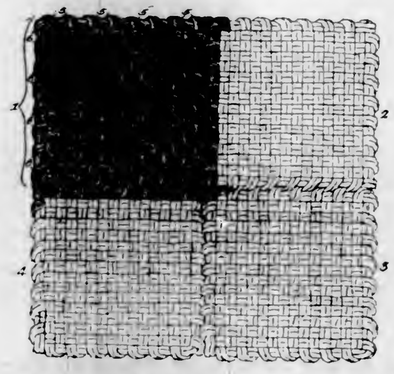
2. The process of producing a composition rim for ophthalmic lenses, which consists in forming a flat spiral strip from the center cut from the front of a composition frame, expanding this strip to encircle a lens, and subsequently bevelling and grooving the same.

1,571,068. HEAT INTERCHANGER. CECIL W. STANCLIFFE, New York, N. Y., assignor to Stancliffe Engineering Corporation, New York, N. Y., a Corporation of New York. Filed Aug. 7, 1922. Serial No. 580,073. 10 Claims. (Cl. 257—242.)



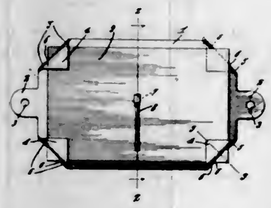
3. A heat interchanger unit comprising tubes arranged in alternate courses in each of which the tubes are substantially parallel to one another, and in certain of which the tubes are transverse to those in other courses, such tubes extending at both ends beyond the outermost transversely arranged tubes in the other course, and a mass of solid material embedding said tubes and extending to the outer ends thereof forming solid masses at the edges of the unit, the unit having in its external solid portions fastening means which project from the faces in which said tubes open.

1,571,069. FLOOR COVERING AND LIKE MATERIAL. WILLIAM M. STEVENSON, Springfield, Mass., assignor to Unit Rug Company, Oshkosh, Wis., a Corporation of Wisconsin. Filed Feb. 12, 1924. Serial No, 692,305. 9 Claims. (Cl. 28—1.)



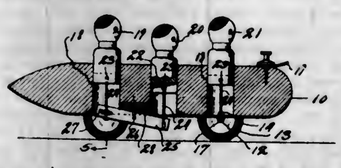
1. A floor covering made of a plurality of woven sections having intermeshing sevage edges; and members running through the intermeshing portions of adjacent sections for pivotally connecting the same.

1,571,070. TAG. JOHN STRAUB, Ashley, N. Dak. Filed Aug. 26, 1925. Serial No. 52,610. 2 Claims. (Cl. 40—10.)



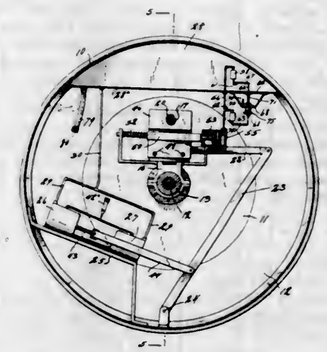
1. A tag holder of the character set forth, comprising a plate body having each corner thereof turned inwardly over the face of the plate and further having a slot cut from the portion connecting the inturned corner with the body for the extension of the corners of a tag therethrough, means for attaching the body to an article, and an engaging tongue carried by the body and adapted to pierce the tag and secure the same to the body.

1,571,071. ANIMATED TOY. CLIFFORD I. SWEET, Highland Park, Ill. Filed Aug. 8, 1925. Serial No. 49,089. 4 Claims. (Cl. 46—45.)



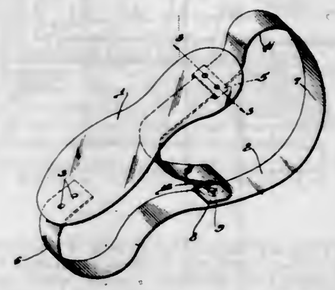
1. A toy of the character described including a solid-body having cranked axles and wheels supporting the axles, the body being formed with vertical bores extending from the top of the body downward to the bottom of the body, a plurality of figures having cylindrical lower portions simulating the bodies of the figures and fitting said bores and reciprocatable therein, and means operatively connecting said cranked axles to said figures and reciprocating the same in said bores as the figure is drawn over the ground.

1,571,072. AUTOMATIC TIRE-INFLATING MECHANISM. JOHN T. TALBERT, Bradley, S. C. Filed May 21, 1925. Serial No. 31,893. 10 Claims. (Cl. 152—11.)



1. The combination with a vehicle wheel having a pneumatic tire, of means for keeping the pneumatic tire inflated comprising an air chamber disposed within the wheel, a gear wheel co-axial with the vehicle wheel and held from rotation, an air pump mounted within the wheel, means for driving the pump including a gear wheel meshing with the first gear wheel and rotating therearound, a clutch device shiftable to operatively connect the pump with the second gear wheel or disconnect it therefrom, a motor operatively connected to the clutch to shift the same when the motor is operated, a pressure responsive member operated by the pressure of air in the air chamber and acting when the pressure is greater than a predetermined amount to cause the operation of the motor and shift the clutch device to its inoperative position and when the pressure is less than the predetermined amount to shift the clutch device to its operative position.

1,571,073. EXERCISING DEVICE. ROBERT D. TAPLING, Chicago, Ill. Filed Feb. 25, 1922. Serial No. 539,194. 4 Claims. (Cl. 208—167.)



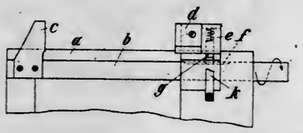
1. A spring shoe exercising device comprising a sole plate, a spring runner having one end connected to the toe end of the sole plate, and means slidably connecting said runner to the sole plate at the heel thereof.

1,571,074. RECOVERED INORGANIC FILTER AID AND PROCESS OF PRODUCING THE SAME. HARRY S. THATCHER, Los Angeles, Calif., assignor, by mesne assignments, to The Celite Company, a Corporation of Delaware. Filed Jan. 24, 1923. Serial No. 614,707. 7 Claims. (Cl. 252—2.)

1. The process of recovering an inorganic filter-aid after use in filtration which consists in drying the filter-cake containing such filter-aid, then finely dividing it, and then calcining the disintegrated material at a temperature sufficiently high to remove part of the inorganic impurities.

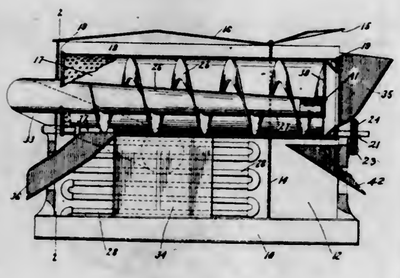
4. A material adapted for use in filtration consisting of an inorganic filter-aid produced by first drying, then finely dividing, and then finally calcining filter cake resulting from filtering operations and containing such filter aid to remove part of the inorganic impurities therefrom.

1,571,075. TYPE-LINE SETTING AND CASTING MACHINE. EDUARD UHTHOFF, Berlin-Charlottenburg, Germany. Filed Feb. 7, 1925. Serial No. 7,686. 3 Claims. (Cl. 199—50.)



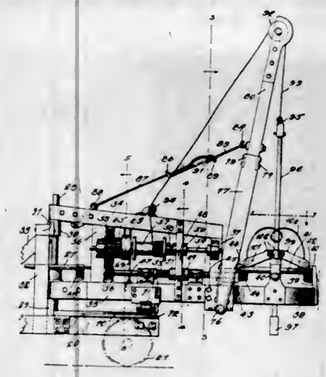
1. In a type line setting and casting machine of the type including matrices guided on wires, an assembler, a front line-closing cheek a rear line-closing cheek, a spindle carrying the latter, means for coupling and disconnecting the front line-closing cheek with the spindle and from the latter and means for automatically returning the front line-closing cheek to th eworking position.

1,571,076. DRYING MACHINE. ALBERT W. WARREN, Providence, R. I., assignor to No-Dust Drying Machine Co., Providence, R. I., a Corporation of Rhode Island. Filed Mar. 4, 1924. Serial No. 696,869. 7 Claims. (Cl. 34—5.)



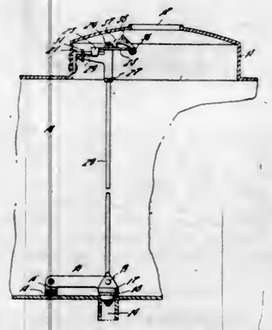
7. A drying machine comprising a rotatable work carrying drum, means in the drum for feeding the work longitudinally therethrough, annular bands having V-shaped bearing surfaces encircling the opposite ends of the drum, a set of driving rollers having correspondingly-shaped bearing surfaces to engage said bands for operatively supporting said drum, and means for rotating said rollers to frictionally drive said drum.

1,571,077. EARTH-BORING MACHINE. FRANK WASHA, Muscoda, Wis. Filed May 23, 1922. Serial No. 563,012. 5 Claims. (Cl. 255—19.)



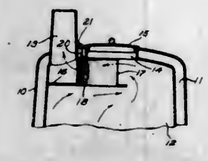
1. An earth boring machine comprising a frame, a shaft journaled vertically upon the frame, a prime mover mounted upon the frame and connected to drive the shaft, an auxiliary frame mounted to oscillate upon said first mentioned frame with the said shaft as a center, earth-boring apparatus carried by the auxiliary frame, mechanism transmitting power from said shaft to said earth-boring mechanism, a hoisting drum, a cable from the drum to the earth-boring apparatus, and means to control the action of the drum from the transmitting mechanism.

1,571,078. TANK-CAR VALVE. FRANK WHITNEY and PETE S. COLL, Glenrock, Wyo. Filed Apr. 11, 1925. Serial No. 22,383. 3 Claims. (Cl. 137—21.)



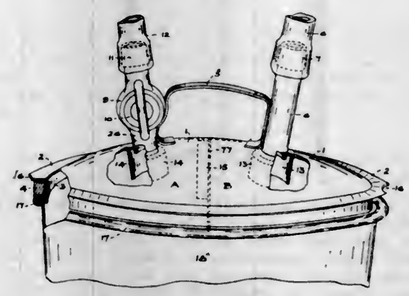
1. A tank car valve of the character described comprising bracket means included upon the bottom of a tank for holding a valve within its seat, a rod for said valve, bracket means included within the tank and receiving the upper end of the valve rod therethrough, a compression spring interposed between the lower side of the bracket supporting means and the valve rod for seating the valve, positive locking means connected to the valve rod and upon the opposite ends of the compression spring and including a lug member upon the upper side thereof and which is adapted to engage the under side of the bracket supporting arm, and slidable adjusting means included upon the bracket supporting means and engaging the upper portion of the valve rod in order that the valve may be readily and easily opened in the manner set forth.

1,571,079. HEATER. EPHRAIM WITMAN, Sinking Spring, Pa. Filed Jan. 28, 1925. Serial No. 5,302. 1 Claim. (Cl. 126—58.)



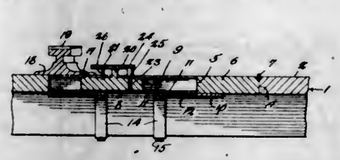
In a heater having a firepot, an opening in the top of the heater for the entrance of fuel, and a flue leading from the heater at the top of the firepot; a baffle device including an arcuate plate below the inlet to said flue, a semi-cylindrical flange rising from said plate and in register with said fuel opening for the passage of fuel through said opening and through said semi-cylindrical flange to the firepot, a horizontal flange on said semi-cylindrical flange at the top of the same, and a bolt securing said horizontal flange to the heater at the top.

1,571,080. TESTING APPARATUS FOR USE IN COW MILKERS. ERNEST HENRY WRIGHT, Morrinsville, Auckland, New Zealand. Filed Nov. 15, 1922. Serial No. 601,201. 2 Claims. (Cl. 31—58.)



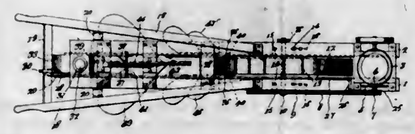
1. Apparatus for testing milk comprising a milk bucket lid having two entrances, a milk pipe, a vacuum pipe, means for independently connecting the ends of said pipe together apart from said lid and also for connecting said ends to said entrances, and a baffle surrounding the inner end of each entrance.

1,571,081. BRACE FOR DRILL-ROD WRENCHES. JOHN V. YOUNT, Shidler, Okla. Filed Mar. 9, 1925. Serial No. 14,185. 5 Claims. (Cl. 255—35.)



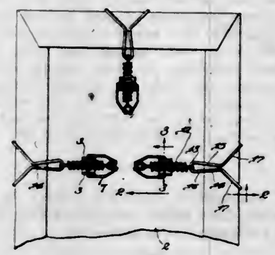
1. A device for bracing the circle of a wrench mechanism of the class described, comprising a fixed guide and a carriage mounted for reciprocation on the guide, the guide and the carriage being provided with interengaging parts which coact to hold the carriage in adjusted positions longitudinally of the guide, the carriage being supplied with circle-engaging means.

1,571,082. AGRICULTURAL MACHINE. JULIUS M. ZIMLICH, Mobile, Ala. Filed June 6, 1923. Serial No. 643,722. 1 Claim. (Cl. 180—19.)



A walking plow comprising a bull wheel, an axle fixed to the bull wheel, a pair of side beams arranged closely against the opposite sides of the bull wheel and supported on the opposite ends of said axle, a motor mounted on the forward end of said beams in front of the bull wheel, a driving connection between the motor and one end of the axle and arranged at the outer side of the adjacent side beam, a pair of handles secured to the side beams closely adjacent to the ends of said axle and diverging rearwardly and upwardly therefrom, a pair of braces secured to the rear ends of said side beams and diverging upwardly therefrom and secured to said handle near the rear ends thereof, a cross brace extending between the rear ends of said handles, and means carried upon the rear ends of said side beams for supporting an agricultural implement.

1,571,083. IRONING-BOARD-COVER FASTENER. ARNE O. ALSAGER, Willow Creek Township, Lee County, Ill. Filed Feb. 24, 1923. Serial No. 621,002. 2 Claims. (Cl. 68—10.)

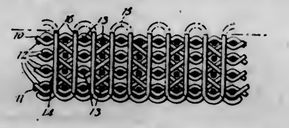


1. A cover fastener for ironing boards including an operating member, having its ends bent transversely, an extension projecting from one of said ends, the bight portion of said member being bent inwardly to form a loop, a coil spring connected to said loop, a gripping member connected to said spring and means for pivotally connecting the operating member to an ironing board.

1,571,084. COMPOSITION FOR CASEHARDENING. WILLIAM CLYDE BASSETT, Long Beach, Calif. Filed May 14, 1925. Serial No. 30,364. 5 Claims. (Cl. 148—30.)

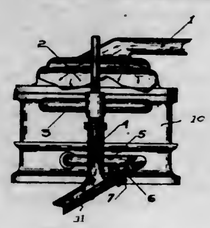
5. A composition for use in case hardening, comprising fine sawdust about 12 parts, charcoal about 8 parts, sodium bicarbonate 1 part, such composition being substantially free from sulfur both free and combined.

1,571,085. LINING FOR TRANSMISSION AND BRAKE BANDS. CHARLES BRAHS, Paterson, N. J. Filed May 11, 1925. Serial No. 29,515. 9 Claims. (Cl. 139—403.)



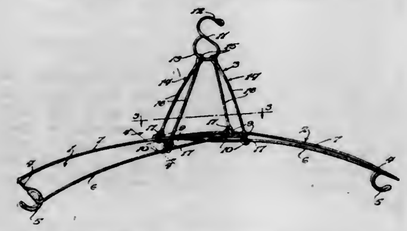
1. As a new article of manufacture, a lining for transmission bands, brake bands and the like comprising a woven fabric body and pile warp threads extending therethrough at an angle to the weave of the fabric.

1,571,086. AIR-COOLED ENGINE. GUSTAVUS O. BRITTAIN, Canton, Ohio. Filed Apr. 1, 1924. Serial No. 703,438. 1 Claim. (Cl. 123—171.)



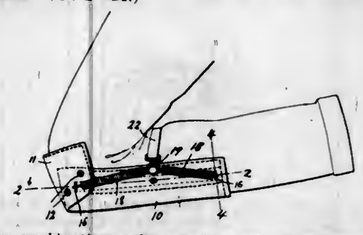
An internal combustion engine having one or more cylinders, an exhaust conduit leading from the explosion chamber of said cylinders, said conduit terminating in a lateral extension communicating therewith, each cylinder being formed of a pair of spaced walls providing a passage for a cooling medium on all sides and the top of each cylinder, a pipe having one end communicating with the atmosphere, the other end of said pipe being enlarged and communicating with the passages in the tops of said cylinders, a pipe having one end in communication with the passages in the sides of said cylinders, the other end of said pipe being positioned in the lateral extension of said exhaust conduit and extending beyond the point of communication between the exhaust conduit and its lateral extension, whereby a suction is created in the passages surrounding said cylinders so as to cause a circulation of air.

1,571,087. GARMENT HANGER. JOHN W. BODKER, Ponchatoula, La. Filed June 24, 1925. Serial No. 39,334. 6 Claims. (Cl. 211—13.)



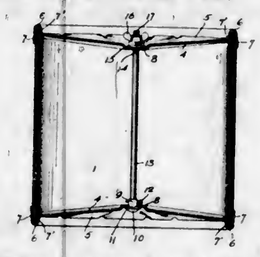
1. A garment hanger comprising a body portion formed of separate sections each having longitudinally extending arms crossed adjacent their inner ends and terminating in eyes slidably securing the arms to the other section to movably connect the sections in overlapping relation and permit longitudinal adjustment thereof, and suspending means disposed between and connected with the inner ends of said sections.

1,571,088. KNEE PAD. DAVID E. BUCHANAN, Dublin, Tex. Filed Apr. 14, 1925. Serial No. 23,037. 2 Claims. (Cl. 2—24.)



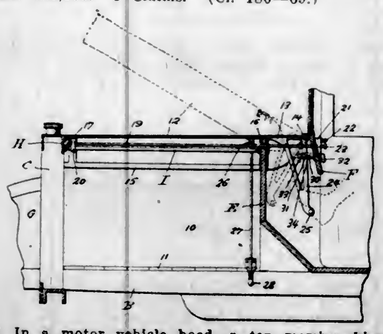
1. In combination, a knee pad, a pair of resilient elements having their corresponding outer ends secured to one side of the pad, and arranged in end to end relation, a ring connecting the corresponding inner ends of said elements, a strip including branches adjustably connected with the other side of the pad, and means carried by the free end of the strip for engagement with said ring as and for the purpose specified.

1,571,089. CONTAINER. HERBERT L. CARPENTER, Brooklyn, N. Y. Filed Apr. 8, 1921. Serial No. 459,615. 2 Claims. (Cl. 229—5.5.)



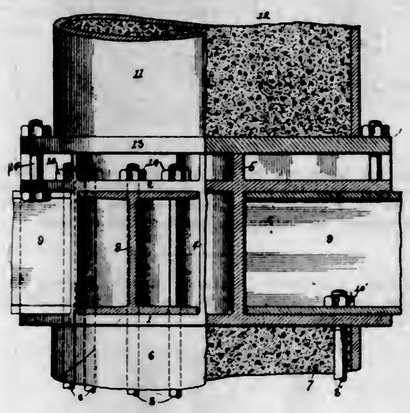
1. A container, comprising a hollow body formed of a plurality of layers, removable heads on the ends of the body, said heads having at their margins tapered and spaced flanges forming inverted V-shaped grooves, said grooves being of a size less than the thickness of the body, and means for drawing the heads together whereby the ends of the body will be forced into the grooves of the heads with a wedging action and a tight joint thereby obtained.

1,571,090. MOTOR-VEHICLE HOOD. CLAUDE I. DAWSON, Anderson, S. C. Filed Nov. 12, 1924. Serial No. 749,503. 8 Claims. (Cl. 180—69.)



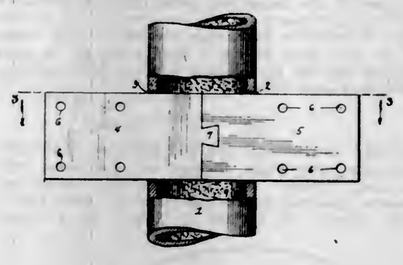
7. In a motor vehicle hood, a top member hingedly mounted at its rear end, a pedal member depending from the top member and positioned to receive pressure from the opertaor's foot for effecting upward tilting movement.

1,571,091. FIREPROOF BUILDING CONSTRUCTION. JOHN LALLY, Boston, Mass. Filed Oct. 30, 1923. Serial No. 671,732. 9 Claims. (Cl. 72—75.)



1. Fireproof building construction comprising upper and lower plates, radially extending I-beams secured between said plates, a column, tie rods on said column and extending beyond the end thereof, said tie rods passing through the plates and beam flanges for tying the parts together.

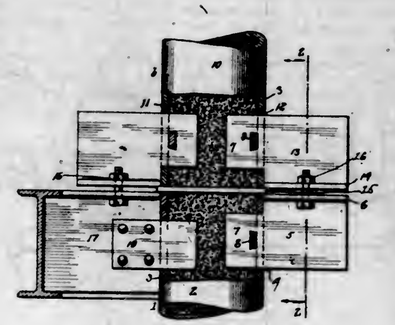
1,571,092. CONNECTION FOR BUILDING COLUMNS. JOHN LALLY, Great Neck, N. Y. Filed July 20, 1925. Serial No. 44,892. 7 Claims. (Cl. 72—75.)



1. A two-way connection for building columns comprising two plates each adapted to enter an opposed slot in a column casing, one of which is provided with a mortise and the other of which is provided with a tenon, the mortise and tenon being adapted to interlock within a column casing whereby the two plates are locked together.

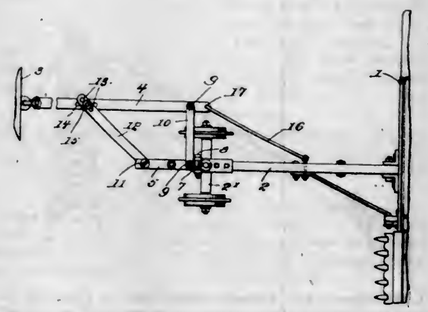
1,571,093. CONNECTION FOR BUILDING COLUMNS. JOHN LALLY, Great Neck, N. Y. Filed Sept. 1, 1925. Serial No. 53,874. 5 Claims. (Cl. 72—75.)

1. In a building column, a tubular metal shell slotted near one end and a connection comprising a web and a flange, the web of which extends through the shell slot into the interior thereof with the flange substantially



alined with the end of the column and means for securing the connection to the shell.

1,571,094. HITCH. JAMES M. PERKINS, West Bend, Iowa. Filed Mar. 12, 1923, Serial No. 624,546. Renewed July 17, 1925. 3 Claims. (Cl. 280—33.5.)

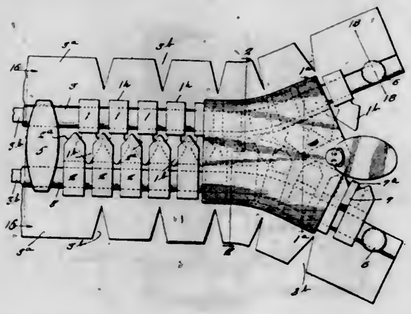


1. The combination with a binder having a truck supporting the tongue thereof and a tractor for propelling the binder, of a hitch comprising a bar loosely connected to the pole and tractor, a block disposed to one side of the bar, a plate secured thereon having an eye end, flexible means passing through the eye for connecting the block to the axle of the truck, transverse plates pivotally connecting the inner tnds of the bar and block, a plate pivotally secured to the outer end of the block and disposed angularly over the bar, said plate having spaced apertures and said bar having a single aperture with which one of the first mentioned apertures is designed to align, and securing means passing through the aligning apertures.

1,571,095. MULTIPLE FASTENER. JOSEPH E. PERRAULT, Watertown, Mass., assignor to Hood Rubber Company, Watertown, Mass., a Corporation of Massachusetts. Filed July 2, 1925. Serial No. 41,188. 10 Claims. (Cl. 24—105.)

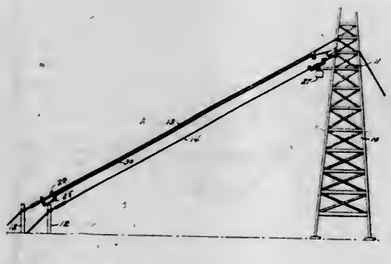
1. A fastener comprising clasp members arranged in cooperating series, the members of one series being pro-

vided with recesses and inclined guides leading thereto, and the members of the other series having converging



sides for slidingly engaging said guides and having angularly disposed shoulders engageable in the recesses of adjacent members of the first named series.

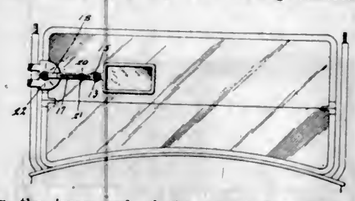
1,571,096. ESCAPE FOR DERRICKS. LOUIS GARLAND RAMBIN and WILLIAM ALFRED RAMBIN, Smackover, Ark.; said William A. Rambin, assignor of one-half of his right to said Louis Garland Rambin. Filed Sept. 30, 1925. Serial No. 59,739. 3 Claims. (Cl. 227—12.)



1. An escape for derricks comprising a plurality of cables arranged in superimposed relation and at spaced intervals along the height of the derrick, a bucket carriage comprising an elongated plate having spaced parallel apertured companion plates arranged upon the opposite ends thereof, grooved pulleys arranged between the apertured ends of the companion plates and mounted for movement upon one of the cables, a brake mounted upon the bucket carriage, a bucket suspended from the bucket carriage, a weight carriage correspondingly mounted upon another of the cables, and an auxiliary cable communicating the bucket carriage with the weight carriage in normally positioning the bucket carriage.

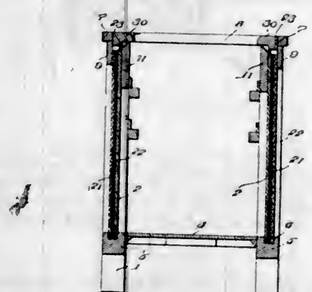
1,571,097. WINDSHIELD ATTACHMENT. HENRY C. REDMAN, Moore, Mont. Filed Dec. 31, 1923. Serial No. 683,762. 1 Claim. (Cl. 296—97.)

An anti-glare device comprising a relatively large segmental plate adapted to be positioned at one of the vertical edges of the windshield, a pair of laterally extending parallel U-shaped brackets extending from the inner edge of the plate and adapted to embrace one of the vertical frame members of an automobile, fastening elements associated with the bracket for holding the same to the windshield, the segmental plate being provided with a plurality of radially disposed grooves, two of which being located in vertical alinement, an arm pivoted to the segmental plate, a longitudinal rib formed on the inner face of the arm and engageable in any one of the grooves, a pivotal and binding connection be-



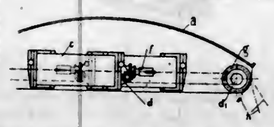
tween the inner end of the arm and segmental plate whereby to hold the arm in a position with the tongue and the rib engaged in one of the grooves, and an anti-glare element carried by the inner end of the arm.

1,571,098. CABINET. WILLIAM RIMKE, Berwyn, Ill. Filed Dec. 27, 1922. Serial No. 609,264. 4 Claims. (Cl. 40—64.)



1. A cabinet having means to receive and frame and display a panel, in combination with a panel disposed in said means and readily removable therefrom; the said means having an opening in its top for the insertion and removal of a panel, and being equipped with a removable cap arranged in said top opening and also arranged horizontally flush with the top of said means, and the said panel having a hand grasp at its upper end, and the said top opening and cap being provided with lateral offset portions.

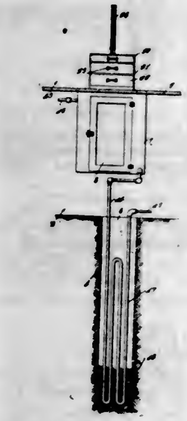
1,571,099. RAILROAD-TRACK-WEEDING MACHINE. AUGUSTE SCHEUCHZER, Renens, near Lausanne, Switzerland, assignor to Ferrodesherbeuse Scheuchzer Societe Anonyme, Renens, Switzerland. Filed May 5, 1924. Serial No. 711,299. 1 Claim. (Cl. 37—105.)



In a railroad track weeding machine having a winch worked by a pneumatic cylinder the combination of a pneumatic friction disk brake comprising a partitioned stationary cylinder having two compartments and arranged coaxially to the axle of said winch, a journal-bearing of said axle provided at the end of the first of said compartments, a series of friction disks arranged in the compartment and slidably but not rotary on the extended end of said axle, said disks being alternately either engaged with their periphery to ridges on the cylinder walls or engaged with their hubs to ridges on

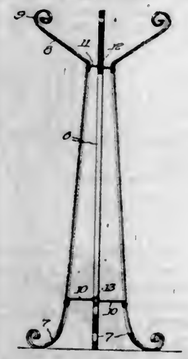
said axle, a compression plate facing said disks, a piston arranged in the second compartment, a shank rigidly connecting said plate and piston, an inlet for compressed air provided in the second compartment, a compression spring interposed between said plate and the partition wall and means for regulating the admission and exhaust of compressed air into said cylinders all substantially as shown and described.

1,571,100. COOLER. EMERSON ENOCH SKINNER, Elgin, Nebr. Filed May 7, 1924. Serial No. 711,707. 3 Claims. (Cl. 187—3.)



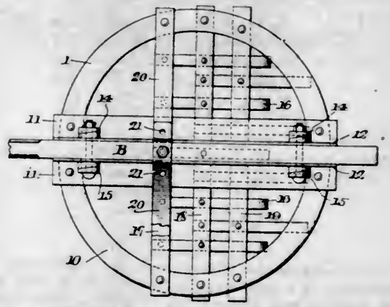
3. The combination with the floor of a building, of a cabinet located therebelow, means for cooling the cabinet, guides in the cabinet, hollow weight boxes having guide ways receiving the guides, reinforcing blocks located between the guide ways and the walls of the boxes, a carrier slidable on the aforesaid guides, through the floor, into and out of the cabinet, flexible elements connected to the blocks and to the carrier, and means for guiding the intermediate portions of the flexible elements.

1,571,101. BOWL STAND. EMIL R. STERNBERG, Chicago, Ill. Filed Dec. 4, 1922. Serial No. 604,666. 1 Claim. (Cl. 248—41.)



A stand for bowls or the like comprising a plurality of similar metal frame sections each formed of a single resilient flat metal strap, said sections being each provided with a plurality of spaced brace members, the corresponding brace members of the several frame sections meeting in a common axis, rivets joining the brace members at such meeting points, the rivets serving to maintain the sections frictionally clamped in adjusted relation, the clamping action being adapted to yield upon the application of moderate force permitting relative rotation of the sections, the upper portion of the sections above the uppermost brace members being bent outwardly to form a bowl seat and having inwardly and reversely curved resilient ends adapted to engage a bowl with a convex gripping engagement.

1,571,102. SPRING-TOOTH CULTIVATOR. GEORGE ARTHUR STILL, Cullman, Ala. Filed July 8, 1925. Serial No. 42,242. 3 Claims. (Cl. 97—173.)

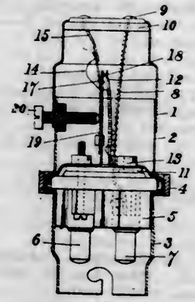


1. The combination with a cultivator beam, of angle members bolted to opposite faces of said beam, semi-circular tooth carrying frames secured at their ends to the laterally extending parts of the angle members, and means for adjusting the position of the angle members relatively to the beam for varying the angular adjustment of the teeth carried by the frame.

1,571,103. PHOTOGRAPHIC PIGMENTARY PRINTING PAPER. JOSEPH SURY, Wyneghem, near Antwerp, Belgium. Filed May 26, 1924. Serial No. 716,049. 2 Claims. (Cl. 95—7.)

1. A pigmentary photographic printing paper characterized by a colloidal coating, containing a temporary colouring matter permeable to light and capable of being dissolved by a diluted acid with gaseous discharge whereby the colloidal coating is rendered spongy.

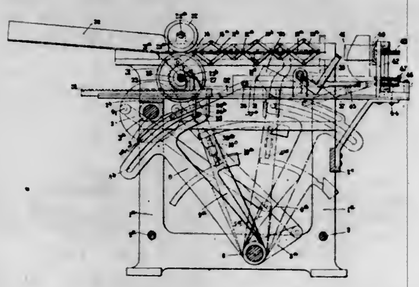
1,571,104. THERMALLY-ACTUATED DEVICE FOR CONTROLLING ELECTRIC CIRCUITS. PERCY WILLIAM BAKER, Kingston-on-Thames, England. Filed Sept. 25, 1923. Serial No. 664,764. 2 Claims. (Cl. 200—115.5.)



1. A thermally-actuated electric switch adapted to fit an electric lamp holder and of the kind in which a bimetallic bar is warmed and cooled for the purpose of

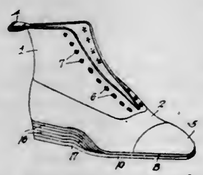
making and breaking the electric circuit in combination with an insulated screw device adapted to be actuated from outside the lamp holder and by which the periods of make and break can be varied, said screw device being wholly beyond the circuit controlled by the switch.

1,571,105. PAPER-FOLDING MACHINE. CHARLES LAURENCE BURDICK, London, England. Filed Jan. 12, 1922. Serial No. 528,752. 8 Claims. (Cl. 270—61.)



1. In a machine for folding paper and like sheets, the combination of a pair of plates, each plate of said pair being foldable, said plates lying in different planes with a space between them, means to feed the sheet into the space between the plates, and means to fold the plates with the sheet between them.

1,571,106. SHOE. LUIS BURGER, New York, N. Y. Filed June 20, 1924. Serial No. 721,323. 1 Claim. (Cl. 36—76.)



In a shoe of the character described, the combination of the customary elements required in the construction of a shoe for the human foot and an exterior arch supporter, said exterior arch supporter consisting of leather wedges arranged between the outer-sole and the welt beneath the arch on the inner side of the shoe, whereby the innerside of the sole of the shoe from the toe to the end of the heel is in a plane, and the corresponding outerside of the sole has a partial arch, said partial arch being formed by means of a slit adjacent the heel portion and midway across the sole, the portion of the sole being bent upwardly and secured to the welt of the shoe and forming the partial arch, and the heel portion being bent downwardly to become the bottom lift of the heel, and wedges secured between said bottom lift of the heel and the heel seat of the shoe.

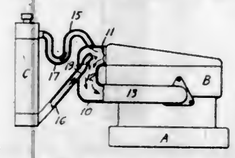
1,571,107. HAT. AGNES CAPELLE and HERBERT HARRIS, New York, N. Y. Filed June 5, 1925. Serial No. 35,128. 1 Claim. (Cl. 2—197.)

A lady's hat including a crown formed of a plurality of approximately triangular or semi-lunar cloth sections, having their side edges connected together and having their apices disposed at the central top portion of the crown, a relatively stiff non-collapsing band connected to the lower edges of all of said sections save one, whereby the latter section may be collapsed by advancing the ends



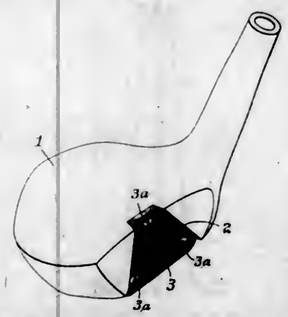
of the bands toward each other, flexible strips connected to the ends of the band, said strips interengaging and adapted for folding around the exterior of the band to conceal the space between the band ends.

1,571,108. METHOD AND SYSTEM FOR COOLING INTERNAL-COMBUSTION ENGINES. NICHOLAS S. DIAMANT, Jamestown, N. Y. Filed Sept. 17, 1924. Serial No. 738,299. 13 Claims. (Cl. 123—170.)



1. The hereindescribed process of cooling an internal combustion engine having jackets for a cooling liquid, which consists of passing a current of cooling liquid rapidly past said jackets said current flowing in a circuit of low heat radiating capacity, simultaneously conducting portions of said liquid from said circuit through a cooling circuit and returning comparatively small quantities of the cooled liquid from said cooling circuit to said first mentioned circuit.

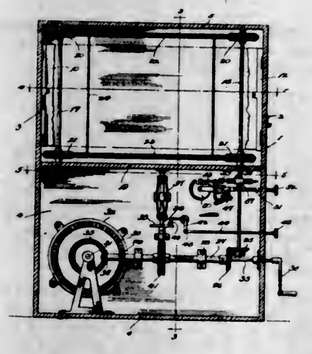
1,571,109. GOLF CLUB. JAMES VICTOR THOMAS EAST, Longmeadow, Mass., assignor to A. G. Spalding & Bros., New York, N. Y., a Corporation of New Jersey. Filed June 22, 1925. Serial No. 38,834. 2 Claims. (Cl. 273—77.)



1. A golf club having in its head a recess with upwardly converging walls, and an impact receiving member consisting of a foundation portion, fastening means extending therethrough into said head, and a facing portion

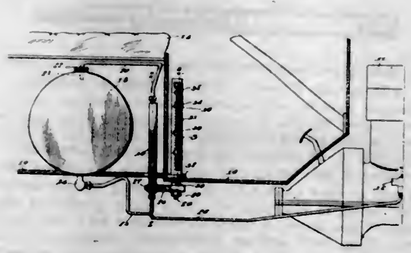
having a homogeneous union with the foundation portion, and covering the same and its fastening means, the edges of both the foundation portion and the covering portion finding bearings along the said converging walls, substantially as described.

1,571,110. MUSIC INDICATOR. WILLIAM H. EBERT and ALBERT G. EBERT, Buffalo, N. Y. Filed Feb. 17, 1923. Serial No. 619,708. 2 Claims. (Cl. 84—484.)



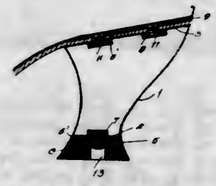
1. In indicating mechanism, in combination, a music sheet having a staff thereon divided by lines defining measures and other lines defining divisions of the measures, the notes of the music being arranged within the measures and with relation to the division lines in accordance with the respective values of the notes, an indicator element, means for moving the said element across the sheet at a constant predetermined rate of speed, and audible means for indicating the beats of a measure.

1,571,111. ATTACHMENT FOR SUPPLY TANKS OF AUTOMOBILES. JAMES WILLIAM FARRIOR, Warsaw, N. C. Filed July 24, 1925. Serial No. 45,892. 4 Claims. (Cl. 158—46.5.)



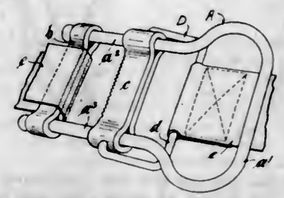
1. In an automobile, the combination of a fuel supply tank, a carburetor, a fuel line connecting the supply tank with the carburetor, and comprising a unitary conduit device for cutting off the fuel supply, said device constituting a portion of the feed line and being movable bodily with flexible connections included in the fuel line whereby the movable conduit device may be elevated or lowered relative to the bottom of the fuel tank and a separate tube communicating with the conduit device and movable therewith causing in cooperation with said movable device cessation of the flow of liquid from the tank at a predetermined level of the liquid in said tank.

1,571,112. HEEL FOR BOOTS AND SHOES. CLARENCE CURTIS FOSTER, Covington, Ky. Filed May 20, 1922. Serial No. 562,353. 1 Claim. (Cl. 36—40.)



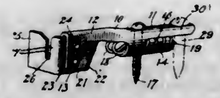
A heel comprising a shell of relatively soft material, and a cover plate for said shell, said cover plate being provided with relatively hard wear nuts disposed on the inner face thereof, said wear nuts being adapted to be engaged by a threaded member passing through said cover plate, for the purpose described.

1,571,113. BELT OR LIKE TENSIONING AND FASTENING APPLIANCE. GEORGE FREDERICK FRENCH, Manchester, England. Filed July 21, 1924. Serial No. 727,300. 3 Claims. (Cl. 24—68.)



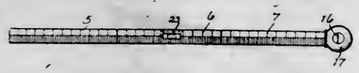
1. A belt tensioning appliance comprising a rectangular elongated metal frame, one end of which forms one half of a clamp, a metal cross-member slidable along the two longer sides of the frame, and forming the other half of the clamp, a further cross-member, substantially U-shaped, pivotally and eccentrically mounted at its ends on the extremities of the sliding cross-member, the belt to be tensioned being secured at one end to the U-shaped cross-member, and at its other end passing between the two half parts of the clamp, the position of the parts prior to tightening the belt being with the frame part of the clamp lying away from and on that side of the sliding cross-member furthest from the U-shaped cross-member, and after tightening the belt, the position of the parts being with said frame part of the clamp lying against and on the side of the sliding cross-member nearest to the U-shaped member, as set forth.

1,571,114. SHUTTLE ATTACHMENT. THEODORE J. GARISIO, Allentown, Pa. Filed Mar. 17, 1925. Serial No. 16,249. 2 Claims. (Cl. 139—203.)



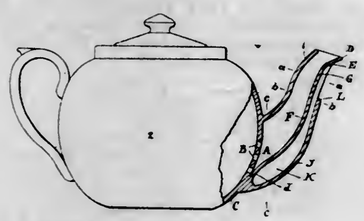
1. For use in conjunction with a thread-laden bobbin carried by a shuttle to cut the thread because of a fault or deformation of the thread, a device comprising a casing adapted to be attached to the shuttle, thread tensioning means including spring-actuated guides, a knife juxtaposed with respect to said guides and carried by said casing, and a bifurcated member for controlling the movement of the thread in advance of its passage through said guides and capable of holding the thread against movement to cause the severance of the thread by said knife when a deformity of the thread engages the furcations of said bifurcated member.

1,571,115. MAHLSTICK. LOUIS GOOTHEARTS, San Francisco, Calif. Filed Oct. 10, 1924. Serial No. 742,897. 2 Claims. (Cl. 7—1.)



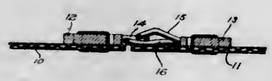
1. In a mahlstick, a plurality of sections removably secured one to the other, a level positioned in one of said sections, a head secured to another of said sections, said head having a level secured therein, the level in said head and the level in said first section being at right angles to each other.

1,571,116. TEA, COFFEE, AND LIKE POT. CHARLES EDWARD GREEN, London, and KATHLEEN SINCLAIR STEVENSON, Kensington, London, England. Filed Aug. 3, 1925. Serial No. 47,838. 1 Claim. (Cl. 53—3.)



In tea, coffee and like pots, the combination with a body, of a pouring spout projecting from said body and provided at its under side with an angular lip, a bellied wall extending along a part of the length of the underside of the spout and having its upper end terminating below the said lip, the bellied wall forming a chamber having its upper end terminating at a distance below said lip to form an opening, and groove means extending along the exterior surface of the spout from the lip to the upper end of the bellied wall and converging from said lip towards the said opening to positively direct the drip from the lip into said chamber.

1,571,117. SNAP FASTENER. HERMAN H. GUTTMAN and SIGMUND GUTTMAN, Brooklyn, N. Y. Filed May 20, 1925. Serial No. 31,544. 2 Claims. (Cl. 24—230.)



1. A snap fastener device, comprising a plate, a loop extending therefrom, a second plate, two loops extending therefrom having their ends lying adjacent each other and between which the end of the other loop is forced, one of said last two-mentioned loops having its end lying close to but within the end of the other loop.

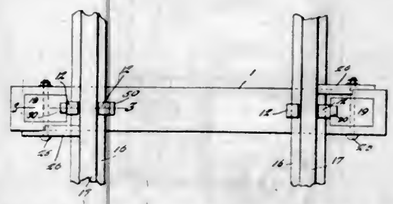
1,571,118. NUT FOR GUITARS. JAMES A. HATTIE, Ewa, Territory of Hawaii. Filed Feb. 3, 1923. Serial No. 616,789. 2 Claims. (Cl. 84—314.)

2. A nut for stringed instruments including a hollow base and a channeled string rest designed to be received in the base to contact with the side and end walls thereof, the sides of said channeled member having their sides stepped and the lower walls provided by the steps arranged at the same angle, a headed screw finding bearings in the ends of the base and received centrally between the side walls of the rest member, follower blocks in the base having upper inclined surfaces to engage with



the inclined stepped portions of the rest and having threaded openings engaged by the screw for the purpose set forth.

1,571,119. TIE. ARTHUR S. HOFFMEIER, Jeannette, Pa. Filed July 8, 1925. Serial No. 42,277. 5 Claims. (Cl. 238—275.)



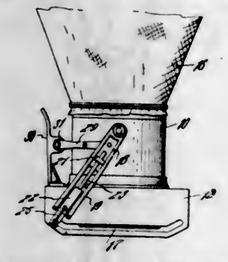
1. A hollow metal tie having clamping means for holding railway rails thereon, including a member having drain openings at the lower ends thereof and having its top provided with T-shaped slots, similarly shaped rail clamps disposed in pairs and having their sides grooved to contact with the upper and lower faces of the top of the tie when arranged in the restricted passages of the T-shaped slots, means adjustably securing the cooperating clamp sections, a headed key member in contact with the inner clamps and designed to be forced thereby against the inner walls of the said restricted passages of the slots and also designed to be held by the adjustable connecting means between the clamps, a cover plate for the widened passages of the T-shaped slots, and removable means holding the cover plate positioned.

1,571,120. PENCIL. WILLIAM K. HOLMES, Brooklyn, N. Y. Filed Jan. 11, 1924. Serial No. 685,637. 1 Claim. (Cl. 120—18.)



A lead pencil comprising a barrel having a tapered end with a hole through which the lead is projected, a guide-tube fixed in said tapered end and extending axially with respect to the hole and longitudinal axis of the barrel, a lead-holder-tube adapted for movement in said guide-tube, a lead-pusher having a portion adapted for movement in said lead-holder-tube, a wire having one end attached to said guide-tube and extending longitudinally of the barrel in the form of a helix for a portion of the length of the barrel, a sleeve surrounding said wire, said sleeve being held against longitudinal movement with respect to the barrel and being rotatable with respect thereto, said sleeve having a longitudinally disposed slot and being cut-away to provide an extension, a radial portion at one end of the lead-holder-tube, a radial portion at one end of the lead-pusher, said radial portions extending through the slot in said sleeve and in contact with said wire to cause the movement of the lead-holder-tube and lead-pusher simultaneously in response to the rotation of the sleeve, the lead-holder-tube remaining stationary when its radial portion is moved into said cut-away, said sleeve being held against rotation in one direction when the radial portion of the lead-holder-tube moves into engagement with said extension, the lead-pusher being movable by virtue of its radial portion extending through the slot of the sleeve and in engagement with the wire after the radial portion of the lead-holder-tube is in the cut-away to push the remnant of lead out of the lead-holder-tube and guide-tube.

1,571,121. CAKE-DROPPING MACHINE. ROBERT HUMPHREYS, San Francisco, Calif. Filed Feb. 14, 1925. Serial No. 9,201. 6 Claims. (Cl. 107—29.



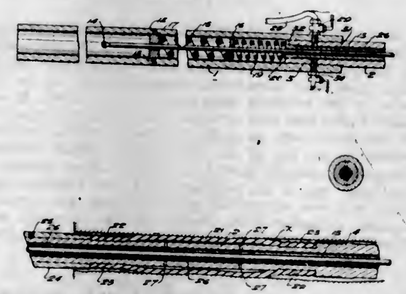
1. A machine of the character described comprising a base including opposed depending flanges, and a hollow body portion open at both ends, a hopper like bag attached to one end thereof, said flanges having aligned slots, arms pivoted on the opposite sides of said body portion, a cutting element associated with said arms and movable through said slots across the lower end of said body portion, and a yoke connected with said arms and including a thumb actuated plate normally held spaced from the body portion, and adapted to be actuated to move said arms and connecting element in one direction.

1,571,122. BLASTING CARTRIDGE. ERNEST HUTTON, Fairmont, W. Va. Filed July 24, 1924. Serial No. 727,973. 8 Claims. (Cl. 102—6.)



6. A blasting cartridge comprising a body to contain an explosive charge, and a base connected thereto and formed with an attaching socket for removable attachment to a blasting gun and a primer-receiving seat at the inner end of the socket.

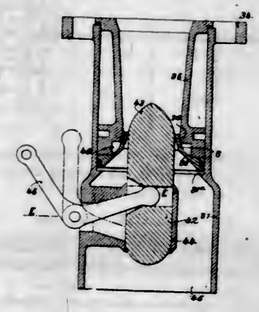
1,571,123. BLASTING GUN. ERNEST HUTTON, Fairmont, W. Va. Filed July 24, 1924. Serial No. 727,974. 11 Claims. (Cl. 102—5.)



1. A blasting gun comprising a barrel adapted for insertion into a blast hole, and a fluid-inflatable packing on the exterior of the barrel and adapted to be inflated and thus expanded against the wall of the blast hole.

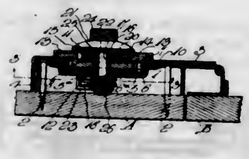
9. A blasting gun comprising a barrel having dust-collecting ribs projecting from its circumference.

1,571,124. MIXING VALVE FOR AIR AND COMBUSTION GASES. ARON KOLKO, Colombes, France. Filed Mar. 31, 1921. Serial No. 457,475. 1 Claim. (Cl. 48—180.)



A mixing valve for air and a combustible gas comprising a cylindrical casing adapted to be connected to the intake of an internal combustion engine, a Venturi tube mounted in this casing, a conical tube having its smaller end inserted within the throat of said venturi and movable under the suction of the engine, spring means tending to separate the conical tube from the Venturi tube, means for supplying a combustible gas to the annular space between said Venturi tube and said conical tube, a plug movable along the axis of said casing and having an end of converging form adapted to close the opening of the conical tube, and means for adjusting the position of said plug.

1,571,125. PERMUTATION LOCK. NIKITAS LAPPAS, Peabody, Mass. Filed Aug. 27, 1925. Serial No. 52,917. 5 Claims. (Cl. 70—53.)

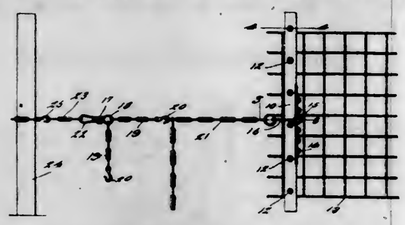


1. A permutation lock comprising a shaft, a locking member on and operable by said shaft, a sleeve rotatably mounted on the shaft and having a series of circumferentially spaced recesses, a second locking member, means on said second locking member for engaging the recesses in said sleeve whereby the second locking member may be adjusted on the sleeve for changing the combination of the lock, and a lost-motion driving connection between said shaft and sleeve.

1,571,126. STRETCHER. MARTIN E. LIVINGSTON, Livingston, Tenn. Filed Mar. 10, 1924. Serial No. 698,249. 1 Claim. (Cl. 254—83.)

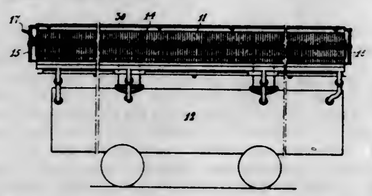
A wire stretcher comprising a clamp including spaced clamping bars, means whereby the bars may be clamped together, longitudinally spaced eyes extending along one

edge of each bar, a clevis adapted to receive the bars, a clevis pin adapted to extend through the eyes for



adjustably securing the clevis to the clamping bars, a chain secured to the clevis, and means associated with the chain to provide stretching means.

1,571,127. BLOWER FOR CLEANING AIR-COOLED CONDENSERS OR THE LIKE. FREDRIK LJUNGSTRÖM, Brevik, Lidingon, Sweden, assignor to Aktiebolaget Ljungström Angturbin, Stockholm, Sweden, a Corporation. Filed Mar. 7, 1922. Serial No. 541,885. 2 Claims. (Cl. 257—1.)



1. In an air-cooled condenser consisting of cooling elements arranged side by side and separated by air passages, said elements forming together a box-like structure, a blower for cleaning said passages consisting of a pipe extending in the one direction of said condenser structure close to the same and provided with holes directed against the same, means to connect said pipe to a source for a cleaning fluid and means to move said pipe in the other direction of said condenser structure to permit said fluid to act on the cooling elements during the movement of said pipe.

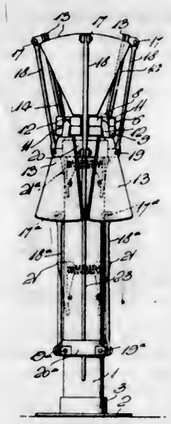
1,571,128. THRASHING MACHINE. EDMUND BERNARD LUCAS, Madioen, Java. Filed Nov. 30, 1925. Serial No. 72,358. 3 Claims. (Cl. 130—27.)



1. A thrashing machine, comprising, a rotatable drum, helically arranged series of teeth on the outer circumference of the rotatable drum for part of the drum length and helically arranged upstanding plates on the outer circumference of the drum for the remaining part of the drum length, a stationary drum rotatably receiving the rotatable drum, an inlet and an outlet in the stationary drum, and a longitudinal row of teeth on the inner side of the stationary drum arranged to permit the teeth of the rotatable drum to pass between them.

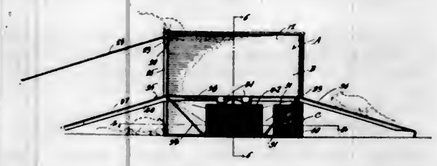
1,571,129. FOLDING SEAT. LOUIS LUCKHOFF, Fenton, Ohio. Filed Mar. 5, 1925. Serial No. 13,197. 4 Claims. (Cl. 155—135.)

1. A folding seat comprising a standard, a plurality of segmental plates pivotally connected with the upper end of said standard and adapted to jointly form a seat, certain of said plates being pivoted for swinging upward and the intervening plates being pivoted for swinging downwardly and releasable means for holding said plates



in horizontal position for use and for permitting swinging thereof in the above-named directions when use of the seat is not required.

1,571,130. RODENT TRAP. JOHN M. LYNN, Elkhart, Tex. Filed Mar. 31, 1925. Serial No. 19,680. 4 Claims. (Cl. 43—69.)

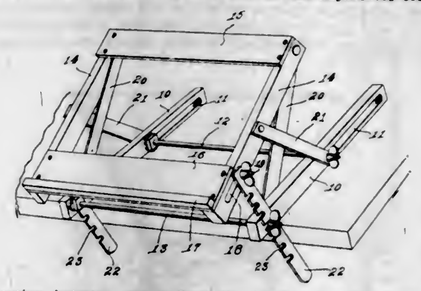


2. A rodent trap comprising a main body, a laterally extending auxiliary body associated with the main body, an inwardly opening normally closed door carried by the main body for permitting communication to be had between the auxiliary body and the main body, a normally closed trap door pivotally carried by the upper end of the main body, an inclined runway leading from the ground to the top of the main body, rockably mounted trap doors normally held in a closed position carried by the upper end of the auxiliary body, the auxiliary body being of a less height than the main body, and inwardly opening swinging doors carried by the auxiliary body disposed below the first mentioned doors carried thereby.

1,571,131. FOLDING DRAWING TABLE. CLAYTON A. MCINTOSH, Greybull, Wyo. Filed Mar. 20, 1925. Serial No. 17,065. 5 Claims. (Cl. 45—57.)

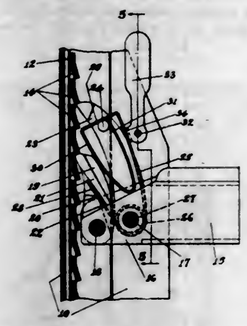
1. In combination, a base, a drawing board support, diagonally disposed braces pivotally connected with the base and said support, links pivotally connected with the

support and said base at points between their ends, and slidably adjustable with respect to the base, whereby said support can be raised or lowered, and an adjustable con-



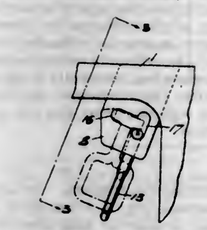
nection between one end of the base and said support whereby the latter can be adjusted angularly with relation to the base.

1,571,132. LIFTING JACK. JOSEPH R. MARCHESSEAULT, Bridgeport, Conn., assignor to The American Tube and Stamping Company, Bridgeport, Conn., a Corporation of Connecticut. Filed Feb. 16, 1923. Serial No. 619,355. 19 Claims. (Cl. 254—111.)



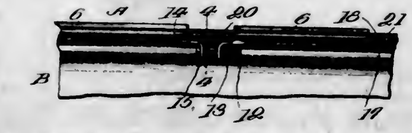
2. A lifting jack comprising a casing, a rack slidably mounted therein, an actuating lever pivoted on said casing, a lifting pawl carried by said lever and engaging said rack, a holding pawl pivoted on the actuating lever pivot and engaging said rack, and a single spring mounted on said pivot only and engaging both of said pawls.

1,571,133. BRAKE-BEAM HANGER. HUGO MENDEL, Baton Rouge, La. Filed Mar. 3, 1925. Serial No. 12,946. 1 Claim. (Cl. 188—209.)



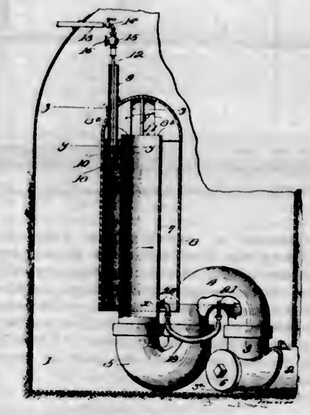
In a device of the class described, a truck, a brake beam, a brake beam hanger for suspending said brake beam and a bracket for supporting said hanger, said bracket being fixed relative to said truck, being provided with an opening extending therethrough laterally with respect to said truck and with a slot formed between the sides thereof and extending to said opening, longitudinally with respect to said truck, said brake beam hanger being formed with a cross bar longer than the width of said slot and insertable thereinto, said cross bar being turnable within said opening, the lower wall of the latter being formed with lateral depressions on each side of said slot affording a seat for said cross bar when the latter is turned to a position angularly with respect to its initial position of insertion, said hanger being normally prevented from returning to its normal position of insertion by parts of the structure associated with said truck.

1,571,134. PAINT PAIL AND CLAMPING RING THEREFOR. GEORGE EUGENE MITTINGER, Cleveland, Ohio. Filed June 12, 1924. Serial No. 719,540. 4 Claims. (Cl. 220—61.)



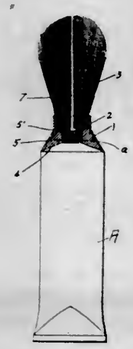
1. A metallic pail having its top curved inwardly and then outwardly forming a flange, a cover having its periphery forming a horizontal flange, a gasket between said flanges, a V-shaped compressible ring embracing said flanges, the upper and lower walls of the ring adjacent the ring end crimped together and bent downwardly, said downwardly bent portions of the ring provided with means for reducing the size of the ring to compress the pail and cover flanges together upon the gasket, and said flanges and ring positioned in a vertical plane wholly within the diameter of the pail.

1,571,135. AUTOMATIC FLUSHING APPARATUS. HARMON DE LEON MOISE, Sumter, S. C., assignor, by direct and mesne assignments, to Sumter Super-Siphon Company, Sumter, S. C. Filed Oct. 24, 1921. Serial No. 510,023. 3 Claims. (Cl.137—106



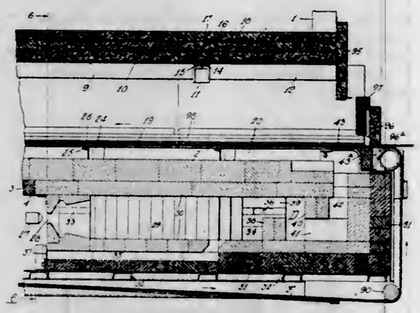
1. The combination of a flush tank, a liquid conductor thereinto, a sewer pipe extending into said tank, and an automatic siphoning apparatus located wholly within said tank and connected to said sewer pipe for periodically discharging the flushing water in said tank into said sewer, said siphoning apparatus including pipes located laterally at an angle to the longitudinal center of the sewer pipe and arranged so as to permit free access to said sewer pipe.

1,571,136. SHAVING BRUSH. SAMUEL MOORE, Jr., Wilmington, Del. Filed July 8, 1924, Serial No. 724,825. Renewed Dec. 15, 1925. 1 Claim. (Cl. 15—135.)



A device of the class described comprising a brush head having a hole passing through the same and a slot in one side which communicates with the hole, said slot extending into the bristle part, the under portion of the hole being threaded to receive the threaded nipple of a cream tube.

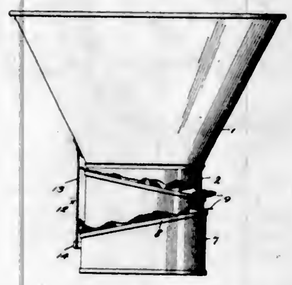
1,571,137. METHOD AND APPARATUS FOR ANNEALING GLASSWARE. VERGIL MULHOLLAND, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Mar. 31, 1925. Serial No. 19,615. 51 Claims. (Cl. 49—46.)



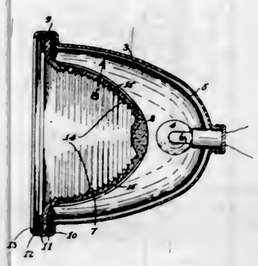
4. The method of annealing glass ware, which comprises passing the ware through a tunnel, heating the lower portion of the tunnel to cause upwardly moving convection currents, cooling the upper portion of the tunnel to cause downwardly moving convection currents, and independently regulating both the heating and the cooling of said portions of the tunnel at intervals longitudinally thereof to control the rate of movement of said convection currents.

1,571,138. STRAINER. FREDERICK H. MYERS, Barberton, Ohio. Filed June 27, 1924. Serial No. 722,802. 1 Claim. (Cl. 210—159.)

A strainer including a funnel-shaped member having a straight neck providing an outlet therefor, the outer edge of the neck being cut at an inclination and being reinforced inwardly, a sleeve telescopically received over the neck and designed to compress a filtering cloth between the said sleeve and neck to hold the body of the filtering cloth in a straight condition against the mouth of the neck, said sleeve having its outer edge cut at an opposite inclination to that of the funnel member and the said edge being reinforced inwardly, a second sleeve, designed to telescopically receive therein the first mentioned sleeve and to compress therebetween and to arrange on the outlet mouth of the first mentioned sleeve a filtering cloth, means for holding the sleeves associated with the funnel, said means comprising a bail hingedly connected to the funnel and a headed lug on the last mentioned sleeve over which the bail is swung.



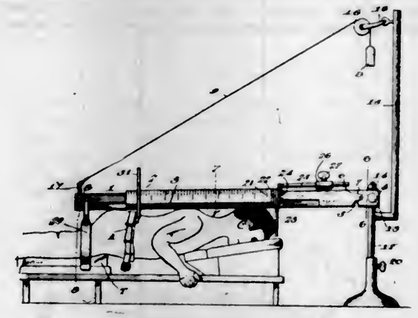
1,571,139. REFRACTOR. JAMES G. NOLEN, New York, N. Y. Filed Dec. 1, 1923. Serial No. 677,971. 3 Claims. (Cl. 240—48.4.)



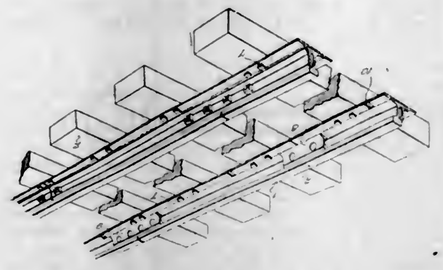
1. The combination with a substantially parabolic reflector having a source of light on the line of its axis at the rear of the reflector, of a substantially parabolic concavo-convex refractor supported in the reflector and having its line of axis coincident with the line of axis of the reflector and its apex near the source of light, a lens at the apex of the refractor for cooperating with the source of light, means for diffusing light arranged on the interior of the refractor circumferentially around the interior and extending forwardly from the lens, and means for diffusing light arranged on the exterior of the refractor and radiating from the lens and extending forwardly therefrom.

1,571,140. NEUROVERTAMETER. MICHAEL FLORANCE O'CONNOR, Sheridan, Wyo. Filed June 1, 1925. Serial No. 34,253. 7 Claims. (Cl. 33—174.)

1. A device for assisting the recording and the relocation of subluxations in chiropractic and comprising a graduated measuring element, means by which said element is held suspended in the direction of the spine of a human body to be treated, means associated with said element to touch a portion of said body thereby to establish a gauge for the positioning of said element, and a movable template to straddle said element and contact the body, said template having graduations coacting with said element and with the surface of the body to fix the desired locations.



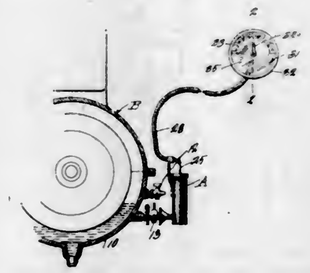
1,571,141. RAIL CHAIR AND CLAMP. ANDREW J. PARK, Pueblo, Colo. Filed May 2, 1924. Serial No. 710,654. 1 Claim. (Cl. 238—26.)



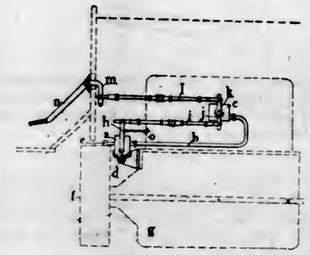
In combination with the rails of a railway track, of a means for bracing and providing a substantially continuous rail, comprising members of a length approximately equalling the length of the rails, each of said members having a channeled base to receive the base of the rails therein, an outer angle flange to contact with the flange of the rail, a plate projecting from the flange and terminating in a head to underlie the head of the rail, said members designed to have their ends disposed opposite the confronting ends of the rails, fish plates in the inner fishing spaces of the rails bolted to the members at the confronting ends thereof and likewise bolted to the members at the confronting ends of the rails, spikes securing the members on the ties, and said members having their base portions on their inner sides notched, for the purpose set forth.

1,571,142. OIL INDICATOR. CHARLES G. PERKINS, Kinrose, Mich. Filed Nov. 14, 1923. Serial No. 674,763. 1 Claim. (Cl. 116—118.)

A lubricant indicator for association with one of the crank case lubricant drain cocks comprising a cylinder, a flared tubular element leading laterally from the cylinder adapted to be received on the pet cock, means for securing the flared tubular element to the petcock, an arm extending vertically from the cylinder, a flexible tube having one end supported by the arm, a flexible shaft in the tube, a crank arm extending from one end of the shaft and disposed above the cylinder, a float in the cylinder, a rigid connection between the float and the crank arm, and a registering mechanism including a movable hand operatively connected with the flexible shaft.



1,571,143. AUTOMATIC CONTROLLING DEVICE FOR COMPRESSORS SUPPLYING EXPLOSION ENGINES. EUGÈNE ROYER, Paris, France, assignor to Societe pour l'Exploitation du Suralimentateur Royer, Paris, France. Filed Oct. 23, 1925. Serial No. 64,447. 7 Claims. (Cl. 123—119.)

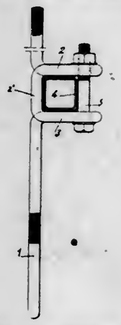


1. In combination, an internal combustion engine having a driven element, a carbureter for furnishing air and fuel to the engine and provided with a throttle valve actuating member, manumotive means operatively connected to said member to permit the throttle to be controlled by the operator, a normally inoperative air compressor having a driven element, a conduit connecting the compressor to the carbureter to permit the compressor to furnish compressed air to the carbureter, and means operatively connecting said member to the compressor for causing the driven elements to engage one another only after the manumotive means has moved said member sufficiently to substantially fully open the carbureter throttle, whereby the driven element of the engine actuates the driven element of the compressor only after the throttle of the carbureter has been opened substantially completely.

1,571,144. IRON FITTING OR BRACKET FOR INSULATORS. ERNEST SAIGNOL, Grangeneuve St. Etienne, France. Filed Oct. 28, 1924. Serial No. 746,448. 2 Claims. (Cl. 173—321.)

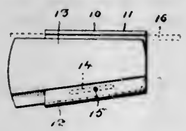
1. A bracket cooperating with a support formed to provide upper and lower parallel strands and a connect-

ing side length to embrace the support, and means for tightening the upper and lower parallel strands relative to each other and to the support.



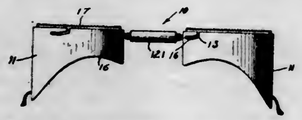
2. A support fitting for insulators comprising a bent over length of material forming two parallel hooks, a support of any suitable shape surrounded by the hooks, a bolt placed between the two hooks for tightening the fitting upon the support.

1,571,145. HOLDER. ADOLPH F. SCHLÄPPI, Curwensville, Pa. Filed Apr. 23, 1924. Serial No. 708,527. 4 Claims. (Cl. 250—34.)



1. A dental X-ray film holder comprising a wedge shaped frame including a flange, and a wedge slidably associated with said frame and adapted to clamp said film therebetween and said flange.

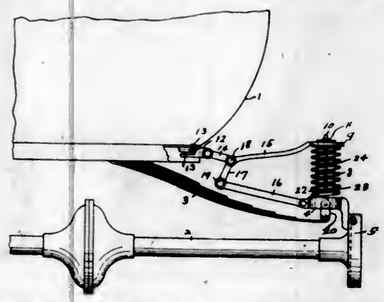
1,571,146. GOGGLES. ELMER L. SCHUMACHER, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Feb. 9, 1924. Serial No. 691,615. 3 Claims. (Cl. 2—14.)



1. A device of the character described comprising a pair of eye cups, each having a portion to fit the face and a lens rest, a flexible bridge member connecting the eye cups which may be bent so that one eye cup may be placed on the other, and a pair of lens retaining members, one for each eye cup having interengaging means with each other and adapted to clamp the lenses on the lens rests through rotation of the retaining members, said interengaging means being for use to tighten or loosen the retaining members when the cups are placed one on the other through the flexing of the bridge member.

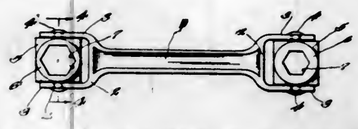
1,571,147. SHOCK ABSORBER. ALBERT E. SCOTT, Houston, Tex. Filed Nov. 5, 1923. Serial No. 672,749. 2 Claims. (Cl. 267—29.)

1. The combination with a vehicle body and a leaf spring supporting said body; of a fixed perch having a central opening; a yieldable means mounted on said perch; said yieldable means including a coil spring supported by said perch; an anchor on said coil spring; a cushion member depending from said anchor within said coil spring; a bearing plate, hanger rods whose upper ends are fixed to said anchor, the lower ends of said rods being slidable through said bearing plate and aligned with said opening, means supporting said plate on said



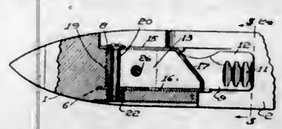
rods, in contact with the lower end of said cushion member, said plate being held normally out of contact with, but adapted to rest upon, said perch; connecting means connected to said anchor, and supported by said yieldable means and also connected to and supporting the outer end of said leaf spring, and means for anchoring said yieldable means on said perch.

1,571,148. WRENCH. JOHN SISOLAK, Chicago, Ill. Filed Nov. 17, 1924. Serial No. 750,310. 1 Claim. (Cl. 81—121.)



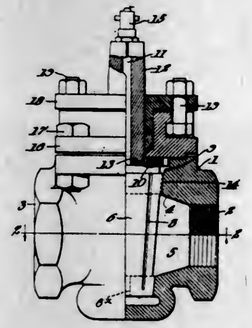
A wrench, including a handle, having its ends extending laterally into enlargements, spaced ears projecting from said enlargements and having aligned openings therethrough, substantially rectangular socket heads between said ears, bearing pins extended through the openings in the ears and projecting transversely through the side walls of said socket heads and having their inner ends upset and embedded in the walls of the socket heads, said pins being mounted for rotation in the openings in the ears, and said socket heads having each face thereof at right angles to the ears provided with an opening, the openings in the faces of said socket heads being of different sizes and all disposed in the same position relative to the faces.

1,571,149. SHUTTLE. WALLACE I. STIMPSON and HARRY A. DAVIS, Hopedale, Mass., assignors to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Aug. 24, 1925. Serial No. 51,952. 8 Claims. (Cl. 139—207.)



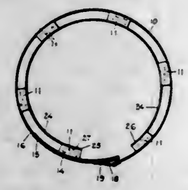
1. A shuttle having, in combination, a body portion, a bobbin holder comprising a shank portion and spring jaws, a bobbin guide having a top plate and a bottom plate resting against the top and bottom of the said shank portion, a through bolt which passes through the top and bottom plates of the bobbin guide and through the shank portion of the bobbin holding jaws, the head of said bolt bearing upon one of said plates and securing means on the opposite end of the bolt bearing directly upon the other of said means for directly clamping said metal parts together as a unit without dependence upon the wood of the shuttle.

1,571,150. LUBRICATION SYSTEM FOR VALVES. WILLIBALD TRINKS, Pittsburgh, Pa., assignor to Homestead Valve Manufacturing Company, Incorporated, Homestead, Pa., a Corporation of Pennsylvania. Filed Sept. 22, 1923. Serial No. 664,305. 5 Claims. (Cl. 251—93.)



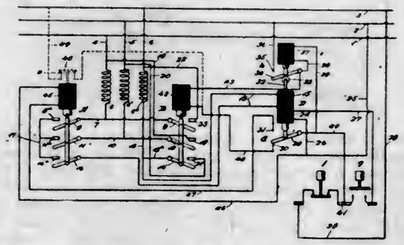
1. In a lubrication system for valves, a valve body having a tapered seat, a rotary plug mounted in said seat, the top of the plug and adjacent parts of the body forming a chamber, and a lubricant inlet to said chamber provided with a check valve, the said chamber opening into channels extending therefrom to a point short of the smaller end of the plug and in contact with said seat, and a pressure relief-port conected with said chamber and opening within the valve body.

1,571,151. GARTER. ARTHUR J. WEHR, Oceanport, N. J., assignor of one-half to Milton J. Goldstein, Long Branch, N. J. Filed Dec. 11, 1924. Serial No. 755,132. 6 Claims. (Cl. 241—6.)



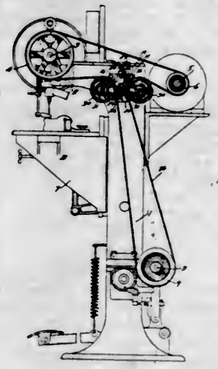
1. A garter or the like comprising a strip of outwardly disposed elastic fabric, means for connecting the ends of said outwardly disposed strip to one another, a strip of inwardly disposed fabric arranged to be positioned adjacent the body of the wearer and a plurality of cushioning members spaced from one another and secured respectively to and between said outwardly disposed strip of elastic fabric and said inwardly disposed strip, said inwardly disposed strip serving to distribute the pressure of said cushioning members against the flesh of the body of the wearer and said cushioning members jointly serving to wholly dispose said strip of elastic fabric in spaced relation from the body of the wearer.

1,571,152. MOTOR-STARTING SWITCH. GEORGE H. WHITTINGHAM, Baltimore, Md., assignor to Monitor Controller Company, Baltimore, Md., a Corporation of Maryland. Filed Dec. 22, 1923. Serial No. 682,205. 2 Claims. (Cl. 172—289.)



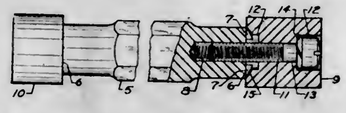
1. The combination with the windings of an induction motor, normally open starting and running switches for the motor and magnets for closing said switches, of a relay having a primary energizing coil and a retarding coil, the latter in a circuit including the motor windings and the starting switch, a normally open manually controlled switch for connecting said primary coil to the supply circuit, a switch movable by the relay and adapted, when said primary coil is energized, to close the circuit of the magnet of the starting switch, an electromagnetic holding switch adapted to connect one terminal of the magnet of the running switch to the supply circuit when said primary coil is energized and until the motor is stopped, and means for connecting the other terminal of the last mentioned magnet to the supply circuit when the current in the retarding coil reaches a predetermined value.

1,571,153. PULLEY DRIVE AND BELT TIGHTENER. JOSEPH T. WRIGHT, Cincinnati, Ohio, assignor to The J. T. Wright Company, Cincinnati, Ohio, a Corporation of Ohio. Filed July 21, 1922. Serial No. 576,591. 2 Claims. (Cl. 64—5.)



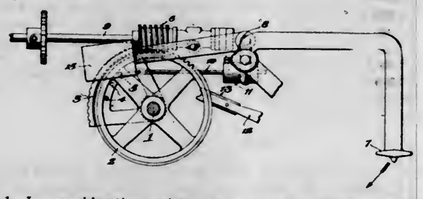
1. In a machine of the character disclosed, a machine frame, a driven pulley journaled upon said frame at a low elevation for transmitting motion to a movable element slidable upon said frame, a second driven pulley journaled upon said frame at a high elevation for transmitting motion to a rotatable element as journalled upon said frame, a driving pulley, a single belt engaged about said driving and driven pulleys for uni-directional rotation of all pulleys, and a pair of idler pulleys unitarily supported intermediate of said driving and driven pulleys for engaging said belt at positions obtaining a maximum arc of belt contact with said driving and driven pulleys and adjustable for belt tightening control.

1,571,154. PLUG GAUGE. WILLIAM H. BAGLEY, Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind., and Detroit, Mich., a Corporation of New Jersey. Filed Nov. 30, 1923. Serial No. 677,817. 6 Claims. (Cl. 33—178.)



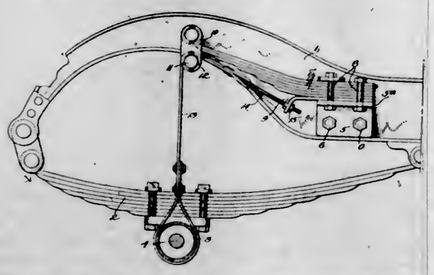
1. A device of the character described, comprising a handle provided with an end face and an axial threaded opening; a key having a curved outer face integral with said handle projecting out from said face and forming the outer extremity of said handle; a gauge head provided with an axial opening and a key-way in each end face adapted to receive said key; and means extending through said axial opening in said gauge head and into said threaded opening in said handle for holding said head against said face.

1,571,155. BUNCH BUILDER FOR SPINNING MACHINES. JAMES V. BROWN, Erlanger, N. C., assignor to H. & B. American Machine Company, Pawtucket, R. I. Filed May 16, 1925. Serial No. 30,720. 11 Claims. (Cl. 247—43.)



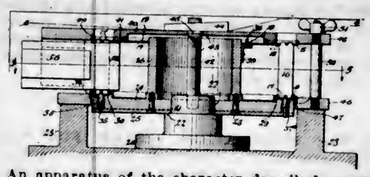
1. In combination with the vertically movable worm and the gear of the bunch builder of a spinning machine, a toothed segment mounted on the gear shaft and having its teeth overlying the gear teeth and formed to mesh with the worm, a weight connected to the segment, a stop connected to the frame of the machine, and a stud adjustably carried by the segment and engageable with the stop.

1,571,156. SNUBBER FOR VEHICLES. ANGUS H. GIBSON, Salt Lake City, Utah, assignor to Gibson Products Co., Salt Lake City, Utah, a Corporation of Utah. Filed July 13, 1923. Serial No. 651,266. 4 Claims. (Cl. 267—10.)



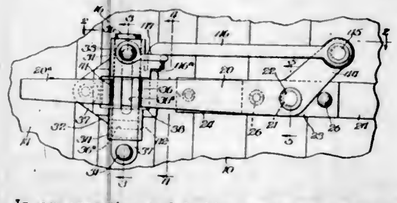
1. A snubber device for motor cars embracing in its construction a leaf spring secured to the car frame, a shackle pivotally supported by the free end of said spring, a flexible snubber element positively anchored at its opposite ends to the axle housing and to the body frame respectively and intermediately supported by said shackle to travel relative thereto, substantially as described.

1,571,157. ASSEMBLING APPARATUS. EUGENE G. MCCALL, Buffalo, N. Y. Filed Mar. 6, 1924. Serial No. 697,300. 17 Claims. (Cl. 29—89.)



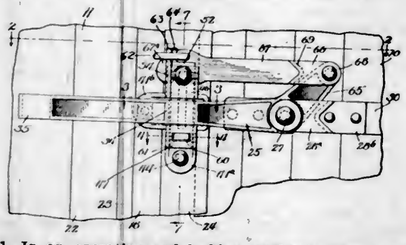
1. An apparatus of the character described comprising a lower support upon which one side member of a fan impeller is adapted to be mounted, spring pressed pins adapted to engage with the lower ends of the tenons on the blades which interlock with said side member, and a pressure plate adapted to engage with the other side member of the fan impeller and press the same into interlocking engagement with the tenons on the other ends of said blades.

1,571,158. SEALING LOCK AND DOOR STARTER. EDWARD POSSON, Chicago, Ill. Filed Feb. 17, 1921, Serial No. 445,502. Renewed Aug. 11, 1924. 18 Claims. (Cl. 292—202.)



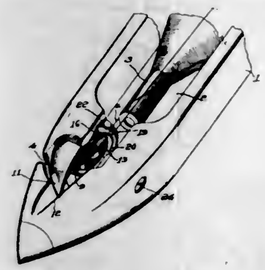
1. In an operating and locking mechanism for a sliding door member having a frame member associated therewith, the combination with an operating lever pivotally mounted on one of said members; of means swingable in a plane substantially parallel to the plane of the door, and directly actuated by said lever, for detachably connecting the lever to the other member; and means for locking said lever in fixed position to lock the sliding door member.

1,571,159. SEALING LOCK AND DOOR STARTER. EDWARD POSSON, Chicago, Ill. Filed Jan. 28, 1922. Serial No. 532,514. 10 Claims. (Cl. 292—202.)



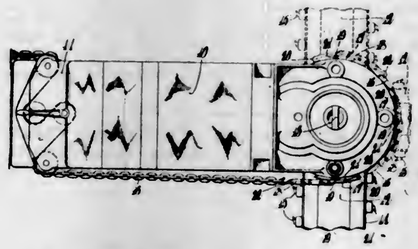
1. In an operating and locking mechanism for a door member having a frame member associated therewith, the combination with an operating element movably mounted on one of said members; of means swingable in a plane substantially parallel to the plane of the door for detachably connecting said operating element to the other member; and independent means for locking said operating element to said last named member in a plurality of positions to hold the door either in partly open or tightly closed position.

1,571,160. AUTOMATICALLY-THREADING SHUTTLE. ALONZO E. RHOADES, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Aug. 21, 1925. Serial No. 51,618. 10 Claims. (Cl. 139—228.)



1. An automatically threading loom shuttle having a longitudinally extending thread passage, a thread casting and guiding device in the thread passage constructed and arranged to cast the thread upwardly through the open top of the passage on the occurrence of a loop or overthrow as the shuttle is arrested in the shuttle box and an additional thread controller nearer the bobbin chamber than said thread casting and guiding device and extended laterally beyond the thread casting and guiding device to take control of and lead the thread in case it fails to be engaged by the thread casting and guiding device on a pick of the shuttle following an overflow and consequent partial or complete unthreading.

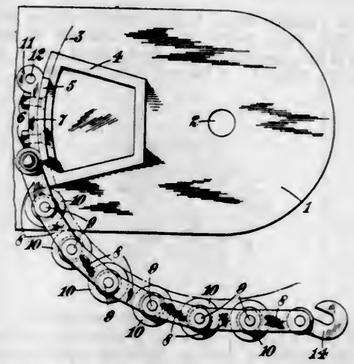
1,571,161. COAL-CUTTING MACHINE. GILBERT RIMMER, London, England, assignor to Sullivan Machinery Company, Chicago, Ill. Filed June 21, 1922. Serial No. 569,860. 20 Claims. (Cl. 262—30.)



1. A mining machine including in combination, a pivoted cutter bar having cutters thereon, flexible means connectible to swing said bar, and flexible means connectible thereto and to the bar and extending over the latter for inhibiting conflict of said means with said cutters.

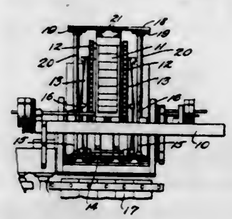
1,571,162. COAL-CUTTING MACHINE. GILBERT RIMMER, Radford, England, assignor to Sullivan Machinery Company, Chicago, Ill. Filed Jan. 10, 1925. Serial No. 1,687. 3 Claims. (Cl. 262—30.)

1. For use in conjunction with a mining machine having a frame having an arcuate guiding surface and a cutter bar pivoted on an axis in substantially the same line with the axis of said arcuate surface, a flexible tension element having means for connecting it in fixed relation to the bar to apply a swinging force to the latter, said element being adapted to flex only in planes parallel



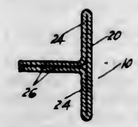
to the plane of bar swing and having rolling means associated therewith and adapted to engage said guiding surface as said element is flexed around the latter.

1,571,163. COTTON-PACKER ATTACHMENT. CLAUS H. ROHLF, San Antonio, Tex., assignor of one-half to Anna Rohlf, San Antonio, Tex. Filed July 11, 1922. Serial No. 574,164. 1 Claim. (Cl. 100—25.)



The combination with a cotton packer including a horizontal stationary support, a horizontal stationary beam arranged a substantial distance above and spaced from said support, a packing block, and a pair of vertically extending rods secured at their lower ends to said packing block, of a pair of tubular guides secured at their upper ends to said beam and depending therefrom, said guides extending downwardly at least to said support and being secured thereto and slidably receiving said rods.

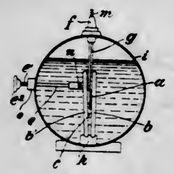
1,571,164. MANUFACTURE OF BRAKE SHOES. FRANK H. SMITH and THOMAS A. SINDELAR, Cleveland, Ohio, assignors, by mesne assignments, to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed July 1, 1925. Serial No. 40,952. 17 Claims. (Cl. 188—250.)



9. A T-section pressed metal brake shoe having a generally cylindrical lining-supporting part and a radial web formed of two radial flanges in engagement with each other and integral with portions of the cylindrical part,

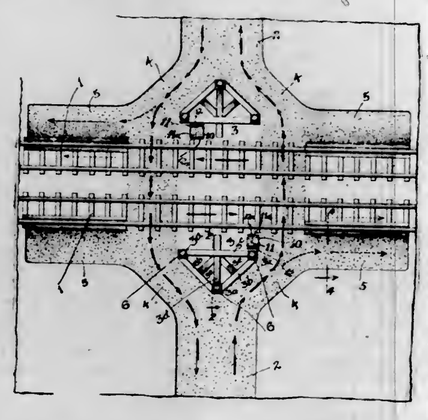
in combination with a separate wear member at the end of the shoe arranged to transmit thrust to both of the radial flanges.

1,571,165. REGULABLE ELECTRICAL STEAM BOILER. MAX FUSS, Berlin, Germany, assignor to Meyer-Keller & Cie., Lucerne, Switzerland. Filed Apr. 1, 1922. Serial No. 548,878. 2 Claims. (Cl. 219—40.)



1. A device for the electric heating of liquids in combination with a boiler, a plurality of stationary electrodes suspended therein, a pair of vertically positioned insulating plates arranged about each electrode and forming a passage way therebetween, and means for rotating said plate whereby the cross sectional area of said passage way may be varied at different points.

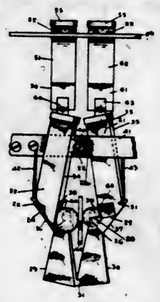
1,571,166. SAFETY APPROACH TO RAILROAD CROSSINGS. JOHN MELLOR, Bay Head, N. J. Filed June 12, 1924. Serial No. 719,489. 5 Claims. (Cl. 238—3.)



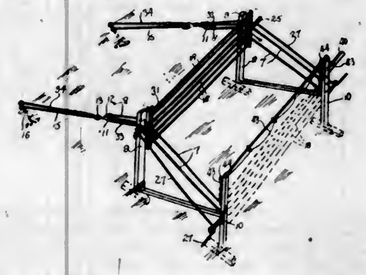
1. A safety approach to a railroad crossing embodying a highway-road divided into two relatively short divergent branch roads, one of which branch roads merges with a dead end spur road extending substantially parallel to the railroad track and in the same general direction of turning as the branch road with which it merges.

1,571,167. VENDING MACHINE. FRANCIS FERDINAND MOLLOY, Montreal, Quebec, Canada. Filed Aug. 25, 1924. Serial No. 733,988. 7 Claims. (Cl. 194—63.)

1. A coin controlled machine comprising a pair of pivoted crossed arms forming a lever stop at the crotch and having vertical tube guides with opposingly coin outlets and rolling surfaces, a casing enclosing said mechanism and suitable ejector mechanism and having a pair of coin slots, chutes extending downwardly from said slots and registering with said tube guides, and a pivoted lever adapted to operate the ejector mechanism and engaging coins on either side and rolling said coins on said surfaces to swing said crossed arms on their pivots and open them at the crotch to avoid said stop.

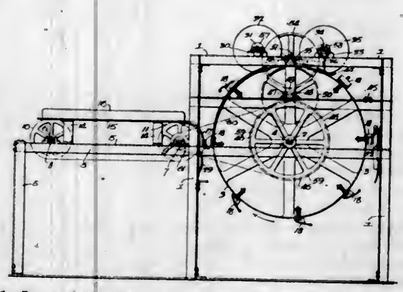


1,571,168. RACE-STARTING MACHINE. REUBEN GABRIEL GRAY, Canterbury, near Sydney, New South Wales, Australia. Filed Aug. 28, 1925. Serial No. 53,133. 2 Claims. (Cl. 39—17.)



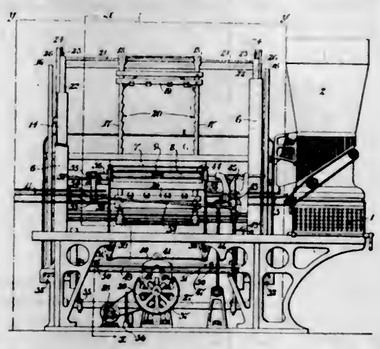
1. In race starting machines, a pair of spaced posts, a barrier support consisting of a pair of parallel forwardly inclined flexible side guides constituted of one length doubled with the loop beyond one post and the falls spaced and slidable through said post and their ends secured to the other post, a sheave within the loop and means for drawing said sheave towards an anchorage to uniformly tauten said guides.

1,571,169. DECAPITATING, CUTTING, AND CLEANING MACHINE. JOHN F. KELLER, Philadelphia, Pa. Filed Mar. 22, 1921. Serial No. 454,395. 11 Claims. (Cl. 17—4.)



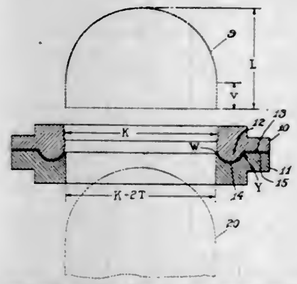
1. In a fish cleaning machine, the combination of a continuously rotating drum, fish clamping means carried by said drum, means for severing the head of the fish and a portion of the belly as it is carried around by the drum, means for cleaning the entrails from the fish, and means for releasing the fish from the said clamping means after it has been acted upon by the said severing and cleaning devices.

1,571,170. PHOTOGRAPHIC TYPE-SETTING MACHINE. JOHN ROBERTSON, St. Annes-on-the-Sea, England. Filed Jan. 21, 1922. Serial No. 530,851. 9 Claims. (Cl. 95—4.5.)



1. A photographic type setting machine including means for supporting a sensitized plate means for assembling a character line consisting of a plurality of individual character members, a camera device, and means for shifting said line of character members into position to be projected by said camera device on to said sensitized plate.

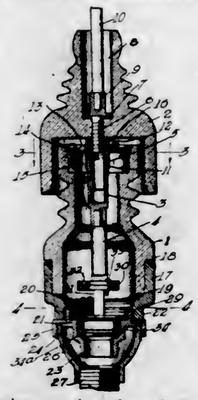
1,571,171. PROCESS OF FORMING KETTLES AND DIE THEREFOR. CECIL H. STRUPE, Indianapolis, Ind., assignor to Leedy Manufacturing Company, Indianapolis, Ind., a Corporation of Indiana. Filed Nov. 10, 1924. Serial No. 749,100. 7 Claims. (Cl. 119—5.)



1. The method of forming thin sheet metal kettles which comprises forming an annular corrugation in a blank, annularly supporting the blank in the corrugation immediately adjacent the desired kettle diameter, exerting a frictional resistance upon the metal of the blank in and beyond the corrugation, and exerting a drawing pressure upon the blank within the annular support substantially at right angles to the plane of the axis of the corrugation.

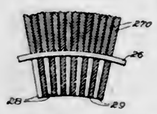
1,571,172. POTHEAD FOR ELECTRICAL CIRCUIT CONNECTERS. PAUL F. WILLIAMS, Chicago, Ill., assignor to G & W Electric Specialty Co., Chicago, Ill., a Corporation of Illinois. Filed Aug. 5, 1918. Serial No. 248,305. 7 Claims. (Cl. 173—363.)

1. In a pothead, a body member having a longitudinal bore and a ring member 15 permanently fitted in the bore of said body member, a plate member 13 fitted on top of and covering the ring member 15, a screw 14 passing downward through the plate member 13 and into the ring member 15 to hold said plate member in position, and



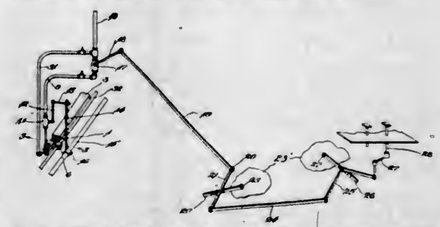
a terminal member passing through the plate 13, said terminal member comprising an externally threaded socket provided with a smooth bore and having a threaded connection with the plate member 13, and adapted to slidably receive a second terminal member in the smooth bore.

1,571,173. LOOSE-LEAF BINDER. GEORGE AYER PARSONS, New York, N. Y., assignor to Charles E. Bedaux Company, Inc., New York, N. Y., a Corporation of New York. Filed Jan. 19, 1925. Serial No. 3,327. 3 Claims. (Cl. 129—41.)



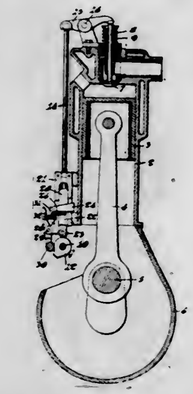
1. In a loose leaf binder, in combination, a plurality of separate leaves, a binding post or strip passing through said leaves adjacent their inner ends, and means associated with said post or strip for clamping said leaves tightly together in parallel relation, the inner ends of different leaves being cut away at different points beyond said post or strip to receive the remaining portions of other leaves when the binder is opened.

1,571,174. HEATER FOR PRINTING PRESSES. ELMER J. WALLACE, Freeport, Ill. Filed July 23, 1923. Serial No. 653,330. 4 Claims. (Cl. 34—18.)



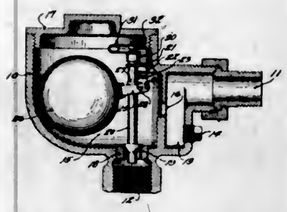
1. A drying heater attachment for printing presses comprising a burner, a substantially U-shaped guard over said burner, a control valve for controlling the flow of heat fuel to said burner, means connecting the control valve with the starting and stopping mechanism of a press for actuating said valve, and press control means for regulating the flow of fuel to the burner independently of said control valve.

1,571,175. INTERNAL-COMBUSTION ENGINE. Lewis J. Bazzoni, Swampscott, Mass. Filed July 7, 1921. Serial No. 483,096. 11 Claims. (Cl. 123—90.)



1. In an internal combustion engine, the combination with a valve, of operating mechanism for said valve including a spring for seating said valve, a cam mechanism for transmitting motion from said cam to said valve to open the valve, and means including power driven parts for automatically effecting a positive adjustment of the connections between said cam and valve to take up lost motion in said connections without interfering with the seating of the valve.

1,571,176. VALVE. Frank Le Clair Hutchinson, Wauwatosa, Wis., assignor, by mesne assignments, to Milwaukee Valve Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed July 25, 1923. Serial No. 653,694. 6 Claims. (Cl. 236—53.)



1. In a valve of the class described a casing forming a chamber provided with inlet and outlet openings, a float, a valve provided with a stem for controlling said outlet opening, means connecting said float to said stem the stem of said valve having passage providing communication between said chamber and outlet opening and thermostatic means for closing said passage.

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

A. B. C. Stores, Incorporated, The, Houston, Galveston and Beaumont, Tex. Eggs and coffee. 207,542; Jan. 5; Serial No. 203,773; published Oct. 20, 1925.

Abraham & Straus, Inc., New York, N. Y. Pictures for artistic and decorative purposes. 207,535; Jan. 5; Serial No. 200,299; published Oct. 6, 1925.

Abraham & Straus, Inc., New York, N. Y. Household furniture. 207,536; Jan. 5; Serial No. 200,303; published Oct. 13, 1925.

Ace Art Company. (See Riley, Anna E.)

Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Disinfectants, insecticides, parasiticides, and fungicides. 207,677; Jan. 5; Serial No. 213,877; published Oct. 6, 1925.

Alberti, Ditta Guiseppe, Benevento, Italy. Maltless beverage. 207,476; Jan. 5; Serial No. 213,956; published Oct. 20, 1925.

Allright Manufacturing Company, The, Rural Hall, N. C. Toilet seats. 207,594; Jan. 5; Serial No. 217,596; published Oct. 20, 1925.

American Agricultural Chemical Co., The; The American Agricultural Chemical Company, New York, N. Y. Fertilizers. 52,391; renewed May 8, 1926.

American Blower Company, Detroit, Mich. Centrifugal fans, propeller fans, tobacco-curing machinery, etc. 207,687; Jan. 5; Serial No. 212,773; published Oct. 20, 1925.

American Cellulose & Chemical Manufacturing Company, Ltd., The, New York, N. Y. Men's half hose. 207,622; Jan. 5; Serial No. 217,242; published Oct. 20, 1925.

American Federation of Arts, Inc., The. Title of monthly magazine. 207,467; Jan. 5; Serial No. 214,939; published Oct. 6, 1925.

American Flyer Mfg. Co., Chicago, Ill. Miniature railroads. 207,439; Jan. 5; Serial No. 220,100; published Oct. 27, 1925.

American Glue Company, Boston, Mass. Abrasive papers and cloth. 207,657; Jan. 5; Serial No. 219,651; published Oct. 20, 1925.

American Multiple Fabric Co., Providence, R. I. Fabric hose. 47,134; renewed Oct. 31, 1925.

American Multiple Fabric Co., Providence, R. I. Blankets. 47,478; renewed Nov. 7, 1925.

American Products Company, The, Cincinnati, Ohio. Talcum powder and cold cream. 207,566; Jan. 5; Serial No. 216,961; published Oct. 6, 1925.

American Sales Book Company Limited, Toronto, Ontario, Canada, and Niagara Falls and Elmira, N. Y. Paper sheets, strips, rolls, pads, printed forms, etc. 207,629; Jan. 5; Serial No. 210,214; published Oct. 20, 1925.

American Stocking Company, assignor to M. S. Ely, New York, N. Y. Hosiery. 46,821; renewed Oct. 10, 1925.

American Stocking Company, assignor to M. S. Ely, New York, N. Y. Hosiery. 49,268; renewed Jan. 30, 1926.

American Terra Cotta and Ceramic Company, The; American Terra Cotta & Ceramic Company, Chicago, Ill. Ornamental pottery ware. 50,994; renewed Apr. 3, 1926.

American Trona Corporation, New York, N. Y. Mixture of borax and a double salt of trisodium phosphate and sodium metaborate used for cleaning, etc. 207,611; Jan. 5; Serial No. 218,681; published Oct. 20, 1925.

Ansco Photoproducts, Inc., Binghamton, N. Y. Photographic prints. 207,699; Jan. 5; Serial No. 218,682; published Oct. 27, 1925.

Armstrong-Blum Manufacturing Company, Chicago, Ill. Hack sawing machines, metal-punching machines, metal-bending machines, etc. 207,685; Jan. 5; Serial No. 212,990; published Oct. 20, 1925.

Associated Merchandising Corporation, New York, N. Y. Boxed writing paper, correspondence cards, and mailing envelopes. 207,693; Jan. 5; Serial No. 210,520; published Oct. 6, 1925.

Aubeuf, F. J., Co. Inc., Oneida, N. Y. Hand carts. 207,680; Jan. 5; Serial No. 213,545; published Aug. 4, 1925.

Babbitt, B. T. (See Mendleson's, A. Sons, assignor.)

Babcock, H. H., Company, Watertown, N. Y. Carriages. 50,811; renewed Apr. 3, 1926.

Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany. Chemical products to be added to motor fuels to prevent the motor from knocking. 207,462; Jan. 5; Serial No. 215,960; published Oct. 27, 1925.

Baker, Charles F., & Co.; Charles F. Baker & Co., Inc., Boston, Mass., successor. Wire nails. 49,090; renewed Jan. 23, 1926.

Ballard, James F.; James F. Ballard, Inc., St. Louis, Mo., successor. Antiseptics or germicides. 53,196–7; renewed May 29, 1926.

Ballard, James F.; James F. Ballard, Inc., St. Louis, Mo., successor. Germicide and antiseptic compound. 53,239; renewed May 29, 1926.

Barr, Albert D., doing business as Davis Laboratory, Los Angeles, Calif. Antiseptic and germicidal preparations. 207,463; Jan. 5; Serial No. 215,677; published Oct. 6, 1925.

Bausch & Lomb Optical Company. (See Stevens and Company, assignor.)

Beldam Packing Rubber Company Limited, London, England. Packings of all kinds, hose, india rubber, gutta-percha, etc. 207,543; Jan. 5; Serial No. 206,102; published Oct. 20, 1925.

Bender, Lillian M., San Francisco, Calif. Clothes racks. 207,690; Jan. 5; Serial No. 211,825; published Oct. 20, 1925.

Benevolent & Protective Order of Elks of the United States of America, New York, N. Y. Monthly magazine. 207,649; Jan. 5; Serial No. 209,621; published Oct. 20, 1925.

Bird-Archer Company, The, New York, N. Y. Chemical compounds. 50,995; renewed Apr. 3, 1926.

Birmingham Pen Co., The. (See Hall Brothers, assignor.)

Blake, Moffitt & Towne, San Francisco, Calif. Typewriter paper, manuscript covers, etc. 207,684; Jan. 5; Serial No. 212,993; published Oct. 6, 1925.

Blodgett & Orswell Co. (See Clark, John J., & Co., assignor.)

Blodgett & Orswell Co., Pawtucket, R. I. Spool cotton. 52,033; renewed May 1, 1926.

Blodgett & Orswell Co., Pawtucket, R. I. Spool cotton. 52,088; renewed May 1, 1926.

Blum, Charles, doing business as The Dando-Rub Laboratories, Brooklyn, N. Y. Dandruff ointment. 207,576; Jan. 5; Serial No. 214,777; published Aug. 11, 1925.

Blum Store, The, Philadelphia, Pa. Women's and misses' suits, coats, dresses, wraps, capes, etc. 207,588; Jan. 5; Serial No. 218,041; published Oct. 20, 1925.

Bobb, G. W., Company, The, Columbus, Ohio. Canned fruits and vegetables, dried fruits, and catchup. 207,633; Jan. 5; Serial No. 218,449; published Oct. 20, 1925.

Booser, Allen, Dover, N. J. Liquid polish for automobiles. 207,727; Jan. 5.

Bouquet-Brownson Co., Inc., St. Paul, Minn. Mops. 207,442; Jan. 5; Serial No. 219,711; published Oct. 20, 1925.

Boyd Manufacturing Company, Inc., The, doing business as La-Lo Laboratories, Birmingham, Ala. Hairdressings. 207,598; Jan. 5; Serial No. 219,222; published Oct. 13, 1925.

Bray Shoe Company, Philadelphia, Pa. Shoes. 207,717; Jan. 5.

Breuner, John, Company, The, San Francisco, assignor to John Breuner Co., Sacramento, Calif. Mattresses. 51,110; renewed Apr. 3, 1926.

Brock, Franz W., Burke, Idaho. Antiseptic preparation for the treatment of sores, abrasions, etc. 207,504; Jan. 5; Serial No. 216,583; published Oct. 6, 1925.

Brown, McCleane, Pittsburgh, Pa. Rolled iron and steel. 207,692; Jan. 5; Serial No. 211,403; published June 23, 1925.

Brown & Sharpe Manufacturing Company; Brown & Sharpe Mfg. Co., Providence, R. I. Hair clippers. 48,448; renewed Jan. 2, 1926.

Bulletin Record Publishing Co. Inc., Chicago, Ill. Daily publication. 207,620; Jan. 5; Serial No. 217,756; published Oct. 20, 1925.

Burke Golf Company, The, Newark, Ohio. Shafts for golf clubs. 207,488; Jan. 5; Serial No. 218,161; published Oct. 20, 1925.

California Packing Corporation. (See Griffin & Skelley Co., assignor.)

Carter, Joseph E., doing business as Carter's Laboratories, Fargo, N. Dak. Hair-color restorer. 207,456; Jan. 5; Serial No. 215,847; published Oct. 6, 1925.

Central Laboratories Co., Wheeling, W. Va. Radio-sealing cement and antifreeze compound for radiators. 207,501; Jan. 5; Serial No. 218,607; published Oct. 6, 1925.

Certified Laboratory Products Inc., Glendale, Calif. Chemical gases. 207,524; Jan. 5; Serial No. 205,742; published Oct. 27, 1925.

Champagne, Alphonse B. D., doing business as Massachusetts Sales Service, Lowell, Mass. Metal and glass polish. 207,553; Jan. 5; Serial No. 192,066; published May 19, 1925.

Chemische Fabrik Pott & Co., Dresden, Germany. Soaps and powders for treating textiles and leather. 207,631; Jan. 5; Serial No. 196,432; published Oct. 20, 1925.

Chester, F. E., Mfg. Co., The, Bellefont and Providence, R. I. Fishing tackle. 207,441; Jan. 5; Serial No. 219,877; published Oct. 20, 1925.

Chirometer Sales Company. (See Hayman, George R.)

Chirpoo Chemical Company. (See Cummings, Thomas L.)

Clark, John J., & Co., assignor to Blodgett & Orswell Co., Pawtucket, R. I. Spool cotton. 52,099–102; renewed May 1, 1926.
Clark, Joseph H., San Francisco, Calif. Hosiery. 207,632; Jan. 5; Serial No. 208,569; published Oct. 20, 1925.
Cleaner Products Company, Freedom, Pa. Preparation used as a cleaner for painted or varnished surfaces. 207,511; Jan. 5; Serial No. 216,711; published Oct. 6, 1925.
Cluett, Peabody & Co. Inc., Troy, N. Y. Negligee and dress shirts. 207,739; Jan. 5.
Cohen, Jacob, doing business as Crescent Rubber Company, New York, N. Y. Rubber raincoats, aprons, etc. 207,722; Jan. 5.
Colonial Salt Company; The Colonial Salt Company, Akron, Ohio, successor. Table and dairy salt. 47,770–1; renewed Nov. 21, 1925.
Colonial Salt Company; The Colonial Salt Company, Akron, Ohio, successor. Table and dairy salt. 47,773; renewed Nov. 21, 1925.
Columbia Pictures Corporation, New York, N. Y. Moving pictures. 207,681; Jan. 5; Serial No. 213,487; published Oct. 20, 1925.
Columbia Rope Company, Auburn, N. Y. Rope. 50,586; renewed Mar. 27, 1926.
Co-Mo Manufacturing Company, Mebane, N. C. Floor-sweeping compound. 207,506; Jan. 5; Serial No. 217,007; published Oct. 6, 1925.
Conklin Pen Manufacturing Co., The, Toledo, Ohio. Fountain pens. 207,694; Jan. 5; Serial No. 210,290; published Oct. 6, 1925.
Cook Laboratories, Inc., Chicago, Ill. Hypodermic syringes and needles. 207,728; Jan. 5.
Cook's, Adam, Sons, assignors to Adam Cook's Sons, Inc., New York, N. Y. Lubricating grease. 52,007; renewed May 1, 1926.
Corrado Bros., New York, N. Y. Olive oil. 207,638; Jan. 5; Serial No. 217,818; published Oct. 20, 1925.
Courrier d'Air Products Co. (See Fries & Fries Co., The.)
Crawford, McGregor and Canby Company, The, Dayton, Ohio. Golf clubs. 207,438; Jan. 5; Serial No. 220,112; published Oct. 27, 1925.
Crescent Rubber Company. (See Cohen, Jacob.)
Crown Rubber Manufacturing Co. (See Rindskopf, Herbert A.)
Cummings, Thomas L., doing business as Chirpoo Chemical Company, Honston, Tex. Soaps. 207,628; Jan. 5; Serial No. 213,009; published Oct. 20, 1925.
Cycling Press, The, Inc., New York, N. Y. Monthly magazine. 207,454; Jan. 5; Serial No. 216,262; published Oct. 13, 1925.
Dando-Rub Laboratories, The. (See Blum, Charles.)
Davis, B. T.; Benajah T. Davis, Huntington, W. Va. Liquid preparation for the cure of rheumatism. 51,635; renewed Apr. 17, 1926.
Deisel-Wemmer Co., The, Lima, Ohio. Cigars. 51,417; renewed Apr. 17, 1926.
De Luxe Cake Decorator Company, Minneapolis, Minn. Cake decorators. 207,591; Jan. 5; Serial No. 217,864; published Oct. 20, 1925.
Dennison & Sons, Inc., Long Island City, N. Y. Bank notes, checks, drafts, writing paper, etc. 207,688; Jan. 5; Serial No. 212,271; published Oct. 6, 1925.
Deutsche Gesellschaft für Schädlingsbekämpfung m. b. H., Frankfort-on-the-Main, Germany. Chemicals for destroying vermin and exterminating pests, disinfectants, and vermin exterminants. 207,452–3; Jan. 5; Serial Nos. 216,509–10; published Oct. 6, 1925.
Diamant Tool & Mfg. Co. Inc., Newark, N. J. Game board. 207,508; Jan. 5; Serial No. 216,888; published Oct. 20, 1925.
Dietz, R. E., Company, New York, N. Y. Lantern burners. 52,817; renewed May 15, 1926.
Dixon, Joseph, Crucible Company, Jersey City, N. J. Quarterly publication. 207,507; Jan. 5; Serial No. 217,138; published Oct. 6, 1925.
Dorman, Carrie V., Washington, D. C. Hairdressing. 52,806; renewed May 15, 1926.
Dr. Hess & Clark; Dr. Hess and Clark, Inc., Ashland, Ohio, successor. Gall cure. 51,559; renewed Apr. 17, 1926.
Dr. Hess & Clark; Dr. Hess and Clark, Inc., Ashland, Ohio, successor. Powder for killing vermin and disinfecting. 51,560; renewed Apr. 17, 1926.
Dr. Hess & Clark; Dr. Hess and Clark, Inc., Ashland, Ohio, successor. Insect killer or exterminator. 52,175; renewed May 1, 1926.
Dykema, Tunis J., doing business as Pennsylvania Glass Products Company, Pittsburgh, Pa. Medicine droppers, clinical thermometers, and dropper-stopper bottles. 207,747; Jan. 5.
Eagle Pencil Company, New York, N. Y. Lead pencils. 207,590; Jan. 5; Serial No. 217,866; published Oct. 6, 1925.
Eagle Woodenware Manufacturing Company, The, Hamilton, Ohio. Mop wringers. 207,548; Jan. 5; Serial No. 208,285; published Oct. 20, 1925.
Eastern Cotton Oil Company, Norfolk, Va. Monthly publication. 207,621; Jan. 5; Serial No. 217,700; published Oct. 20, 1925.
Ely, Marshall S. (See American Stocking Company, assignor.)
Eskimo Pie Corporation, Louisville, Pa. Frozen confections. 207,593; Jan. 5; Serial No. 217,704; published Oct. 20, 1925.
Faber, Eberhard, assignor to Eberhard Faber Pencil Company, Brooklyn, N. Y. Rubber erasers. 52,417; renewed May 8, 1926.
Famous Story Publishing Company, The. (See "I Confess" Publications, assignor.)
Farrell, George H., Chicago, Ill. Frozen cream, sugar, and fruit used in preparing sandwiches. 207,619; Jan. 5; Serial No. 218,803; published Oct. 20, 1925.
Fawcett Publications, Inc., Robbinsdale, Minn. Monthly publication. 207,445; Jan. 5; Serial No. 218,358; published Oct. 13, 1925.
Federal Carbide Co., Anniston, Ala. Calcium carbide. 207,616; Jan. 5; Serial No. 218,545; published Oct. 27, 1925.
Fey Mfg. Co., Manchester, N. H. Women's coats. 207,559; Jan. 5; Serial No. 217,340; published Oct. 20, 1925.
Fifth Avenue Styles, Inc., New York, N. Y. Dresses. 207,584; Jan. 5; Serial No. 218,252; published Oct. 20, 1925.
Finn, John, Metal Works, San Francisco, Calif. Babbitt metal and antifriction and bearing metals. 50,817–18; renewed Apr. 3, 1926.
Finn, John, Metal Works, San Francisco, Calif. Antifriction and bearing metals. 50,819; renewed Apr. 3, 1926.
Forsythe Shoe Corporation, Inc., New York, N. Y. Boots, shoes, and oxfords. 207,721; Jan. 5.
Foster-Milburn Co., Buffalo, N. Y. Ointments. 50,929; renewed Apr. 3, 1926.
Fox Paper Company, The, Lockland, Ohio. Bleached sulphite wrapping paper. 207,550; Jan. 5; Serial No. 209,031; published Oct. 6, 1925.
Frankenfeld, Leo, Hoboken, N. J. Exercising apparatus. 207,468; Jan. 5; Serial No. 214,721; published Oct. 20, 1925.
Franklin, Simon, & Co., Inc., New York, N. Y. Talcum and face powders, bath salts, cold creams, etc. 207,477; Jan. 5; Serial No. 213,494; published Oct. 27, 1925.
Franklin, Simon, & Co., Inc., New York, N. Y. Cologne, extracts, toilet waters, eyedrops, etc. 207,519; Jan. 5; Serial No. 212,802; published Oct. 27, 1925.
Franz, John W., doing business as Franz Invention Company, St. Louis, Mo. Outdoor or indoor game played with stakes and rings. 207,475; Jan. 5; Serial No. 214,070; published Oct. 20, 1925.
Fries & Fries Co., The, doing business as Courrier d'Air Products Co., Cincinnati, Ohio, and New York, N. Y. Cosmetics and toilet preparations. 207,565; Jan. 5; Serial No. 216,971; published Oct. 27, 1925.
Frog in Your Throat Co., New York, N. Y.; Frog in Your Throat Company, Philadelphia, Pa. Bronchial lozenges and throat tablets. 49,271; renewed Jan. 30, 1926.
Frycz, Maryanna, Detroit, Mich. Foot-perspiration powder. 207,666; Jan. 5; Serial No. 219,389; published Oct. 13, 1925.
Furlager, Louis L., doing business as Sifta Puff Co., New York, N. Y. Refillable powder puffs. 207,498; Jan. 5; Serial No. 219,175; published Oct. 20, 1925.
Galeton Dairy Products Co. (See Sterling, D. L., & Sons, Inc.)
Gathmann Engineering Company, The, Baltimore, Md. Shrink-head casings for ingot molds. 207,605; Jan. 5; Serial No. 219,068; published Oct. 20, 1925.
Gato, E. H., Cigar Company, Key West, Fla. Cigars. 51,225; renewed Apr. 10, 1926.
Gaylord Brothers, Syracuse, N. Y. Magazine binders. 207,544; Jan. 5; Serial No. 206,482; published Oct. 6, 1925.
Geer Drug Company, The, Charleston, S. C. Certain named medicine. 47,344; renewed Oct. 31, 1925.
Germundson, Albert, Elbow Lake, Minn. Horse collars. 207,489; Jan. 5; Serial No. 218,120; published Oct. 20, 1925.
Gilbert, Edgar, doing business as Gilbert Laboratories, White Plains, N. Y. Chemical compound of guaiacol. 207,615; Jan. 5; Serial No. 218,548; published Oct. 27, 1925.
Gillespie, Chas. H., & Sons, assignor to Gillespie Varnish Company, Jersey City, N. J. Varnishes, finishes, japans, and fillers. 51,263; renewed Apr. 10, 1926.
Goetz, M. K., Brewing Co., St. Joseph, Mo. Malt extracts. 52,758; renewed May 15, 1926.
Gold Dust Corporation, Jersey City, N. J. Soap flakes. 207,654–5; Jan. 5; Serial Nos. 219,738–9; published Oct. 20, 1925.
Golden West Knitting Mills, Los Angeles, Calif. Sweaters. 207,636; Jan. 5; Serial No. 218,172; published Oct. 27, 1925.
Goldman Costume Company, Inc., New York, N. Y. Monthly publication. 207,538; Jan. 5; Serial No. 200,487; published Oct. 6, 1925.
Goldsmith, P., Sons Company, The, Cincinnati, Ohio. Golf balls, base, tennis, foot, and basket balls, baseball bats, etc. 207,481–2; Jan. 5; Serial Nos. 218,406–7; published Oct. 20, 1925.
Goodman Burnetown, Houston, Tex. Pencils. 207,577; Jan. 5; Serial No. 218,537; published Oct. 20, 1925.

Goodrich, B. F., Company, The, New York, N. Y. Hose composed of rubber and fibrous material. 207,610; Jan. 5; Serial No. 218,753; published Oct. 20, 1925.
Gorodess, Edward, doing business as The Gray Chemical Company, New York, N. Y. Headache powders, eye lotions, face creams, liniments, etc. 207,461; Jan. 5; Serial No. 216,533; published Oct. 27, 1925.
Graham Paper Company, St. Louis, Mo. Book paper. 207,686; Jan. 5; Serial No. 212,922; published Oct. 20, 1925.
Grand Union Tea Company, Brooklyn, N. Y. Laundry and toilet soap. 52,300; renewed May 8, 1926.
Grand Union Tea Co., Brooklyn, N. Y. Baking powder. 52,325; renewed May 8, 1926.
Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Soap. 207,599; Jan. 5; Serial No. 219,179; published Oct. 20, 1925.
Gray Chemical Company, The. (See Gorodess, Edward.)
Grey Studios. (See Valenstein, Lawrence.)
Griffin Manufacturing Co. Inc., New York, N. Y. Dye for leather. 207,523; Jan. 5; Serial No. 205,117; published Oct. 27, 1925.
Griffin & Skelley Co., assignor to California Packing Corporation, San Francisco, Calif. Dried and evaporated fruits. 48,987–9; renewed Jan. 16, 1926.
Gruen, D., & Sons, assignor to The Gruen Watch Company, Cincinnati, Ohio. Watches, watchcases, and watch movements. 50,545; renewed Mar. 20, 1926.
H. & W. Company, The, Newark, N. J. Children's underwaists. 50,349; renewed Mar. 13, 1926.
Haines, Albert, & Son, Masonville, N. J. Apple juice. 207,742; Jan. 5.
Hall Brothers, Barre, Vt., assignor to The Birmingham Pen Co. Inc., Boston, Mass. Steel Pens. 48,105; renewed Dec. 12, 1925.
Halstead Specialties Co., Oakland, Calif. Perfume and incense. 207,561; Jan. 5; Serial No. 217,273; published Oct. 6, 1925.
Hanford, G. C., Manufacturing Co., Syracuse, N. Y. Remedy for certain named diseases. 51,073; renewed Apr. 3, 1926.
Hans Renold Limited, Didsbury, near Manchester, England. Driving chains. 207,689; Jan. 5; Serial No. 212,043; published Oct. 20, 1925.
Harris, Samuel, & Co., Chicago, Ill. Augers and bits, bearings, etc. 207,732; Jan. 5.
Harris, Samuel A., New York, N. Y. Fountain pens. 207,575; Jan. 5; Serial No. 215,150; published Oct. 20, 1925.
Hart, Schaffner & Marx, Chicago, Ill. Men's suits and coats and women's coats. 207,704; Jan. 5; Serial No. 219,536; published Oct. 27, 1925.
Hartwig, Otto J., Chicago, Ill. Remedies for skin and scalp diseases. 51,348; renewed Apr. 10, 1926.
Haskins Bros. & Co., Sioux City, Iowa, and Omaha, Nebr. Toilet and laundry soap. 50,903; renewed Apr. 3, 1926.
Hawkridge Bros., assignor to Hawkridge Brothers Company, Boston, Mass. Tool steel and steel bars, rods, and sheets. 50,932; renewed Apr. 3, 1926.
Hayden, Sarah H. E., Bedford Springs; Arthur H. Hayden, trustee under the will of William B. Hayden, Bedford, Mass. Medical compound. 48,441; renewed Dec. 26, 1925.
Hayden, Sarah H. E., Bedford Springs, assignor to Arthur H. Hayden, trustee under the will of William B. Hayden, Bedford, Mass. Medical compound. 49,564; renewed Feb. 13, 1926.
Hayes Mfg. Co., Paterson, N. J. Range boilers. 52,662; renewed May 15, 1926.
Hayman, George R., doing business as Chirometer Sales Company, Bay Shore, N. Y. Electrical apparatus for locating pathological conditions. 207,613; Jan. 5; Serial No. 218,639; published Oct. 20, 1925.
Hayward, Jane B., Babylon, N. Y. Perfumes. 207,553; Jan. 5; Serial No. 200,557; published Oct. 27, 1925.
Heller, B., & Company, Chicago, Ill. Cleaning and polishing compound. 207,541; Jan. 5; Serial No. 202,450; published Oct. 13, 1925.
Henry, Carl, Incorporated, New York, N. Y. Cigars, cigarettes, and smoking tobacco. 207,492; Jan. 5; Serial No. 216,534; published Oct. 20, 1925.
Hess, Dr., & Clark; Dr. Hess & Clark, Inc., Ashland, Ohio, successor. Worm powder. 50,235; renewed Mar. 6, 1926.
Higginbotham-Bailey-Logan Company, Dallas, Tex. Underwear, outer-wear, and ready-to-wear garments. 207,635; Jan. 5; Serial No. 218,174; published Oct. 20, 1925.
High School Teacher Company, The, Blanchester, Ohio. Periodical publication. 207,583; Jan. 5; Serial No. 218,305; published Oct. 13, 1925.
Hillerich & Bradsby Co., Louisville, Ky. Baseball bats. 207,480; Jan. 5; Serial No. 218,486; published Oct. 20, 1925.
Hilmer, Fred L., Company, San Francisco, Calif. Butter. 207,735; Jan. 5.
Hitch, Frederick C., New York, N. Y. Cigarettes. 207,496; Jan. 5; Serial No. 219,626; published Oct. 27, 1925.
Hoff Metal Products Company, New York, N. Y. Tire chains. 207,743; Jan. 5.
Hofmayer Dry Goods Co., Albany, Ga. Hosiery. 207,703; Jan. 5; Serial No. 219,484; published Oct. 27, 1925.
Hohenstein, Henry, New York, N. Y. Photographs, photographic reproductions, calendars, etc. 207,514; Jan. 5; Serial No. 217,515; published Oct. 6, 1925.
Holland, Josbua, Chicago, Ill. Digestive remedy. 207,470; Jan. 5; Serial No. 214,480; published Oct. 6, 1925.
Homer, Harry H., doing business as Homer Accurapid Works, Monterey, Calif. Liquid-measuring meters and gauges. 207,582; Jan. 5; Serial No. 218,306; published Oct. 20, 1925.
Honeycup Ice Cream Co., Middlesboro, Ky. Ice cream. 207,700; Jan. 5; Serial No. 218,814; published Oct. 20, 1925.
Hoover Company, The, North Canton, Ohio. Publication issued semimonthly. 207,678; Jan. 5; Serial No. 213,647; published Oct. 6, 1925.
Hoover Company, The, North Canton, Ohio. Publication issued monthly. 207,679; Jan. 5; Serial No. 213,645; published Oct. 6, 1925.
Horrocks-Ibbotson Co., Utica, N. Y. Fishing rods. 207,497; Jan. 5; Serial No. 219,586; published Oct. 27, 1925.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 207,708–10; Jan. 5; Serial Nos. 219,627–9; published Oct. 27, 1925.
Houbigant, Inc., New York, N. Y. Perfume, toilet water, sachet, etc. 207,713; Jan. 5; Serial No. 219,630; published Oct. 27, 1925.
Hunt, Helm, Ferris & Co., Harvard, Ill. Coaster wagons, wheeled vehicles, pull motors, etc. 207,459; Jan. 5; Serial No. 215,981; published Oct. 20, 1925.
Hunt, Helm, Ferris & Co., Harvard, Ill. Toy wagons. 207,516; Jan. 5; Serial No. 217,618; published Oct. 20, 1925.
Hupfel, J. Chr. G., Brewing Co., The; J. Chr. G. Hupfel Co. Inc., New York, N. Y., successor. Lager beer. 50,022; renewed Feb. 27, 1926.
Hussmann, Harry L., Refrigerator Company, St. Louis, Mo. Show-case refrigerators. 207,784; Jan. 5.
Hussmann, Harry L., Refrigerator Company, St. Louis, Mo. Show-case refrigerators. 207,736; Jan. 5.
Hutcheson, Mrs. J. E., & Miss Miller Hutcheson, Beaumont, Tex. Salve. 207,495; Jan. 5; Serial No. 216,393; published Oct. 6, 1925.
"I Confess" Publications, assignor to The Famous Story Publishing Company, Inc., New York, N. Y. Magazine. 207,623; Jan. 5; Serial No. 217,154; published Oct. 20, 1925.
Illinois Duster Company, Chicago, Ill. Wool dusters. 207,515; Jan. 5; Serial No. 217,517; published Oct. 20, 1925.
International Paper Company, New York, N. Y. Writing and printing paper. 207,614; Jan. 5; Serial No. 218,559; published Oct. 6, 1925.
Italian American Paste Co. Inc., San Francisco, Calif. Alimentary pastes. 207,528; Jan. 5; Serial No. 211,440; published Oct. 13, 1925.
Jacobi, Edwin B., doing business as Lan-o-Zin Co., Fayette, Mo. Medicinal preparation used in the treatment of the feet. 207,571; Jan. 5; Serial No. 215,747; published Oct. 27, 1925.
Jaeger Chemical Company, Inc., New York, N. Y. Semi-fluid composition for use as a dressing for articles of rubber, leather, etc. 207,637; Jan. 5; Serial No. 218,126; published Oct. 21, 1925.
Jiffy Manufacturing Company, Huron, S. Dak. Preparation for stopping leaks in radiators. 207,712; Jan. 5; Serial No. 219,631; published Oct. 27, 1925.
Joannes Corporation, Los Angeles, Calif. Coffee, tea, spices, and food-flavoring extracts. 207,643; Jan. 5; Serial No. 216,183; published Oct. 20, 1925.
Johnson, Alfonzo G., doing business as Standard Homes Company, Washington, D. C. Books of plans and plans. 207,642; Jan. 5; Serial No. 216,185; published Oct. 27, 1925.
Johnson Belting Company, Inc., New York, N. Y. Leather belting. 207,731; Jan. 5.
Johnson, Orton A., doing business as The Orton A. Johnson Co., Washington, D. C. Mouth wash, a pharmaceutical preparation. 207,711; Jan. 5; Serial No. 219,632; published Oct. 27, 1925.
Jones, Marc E., Los Angeles, Calif. Publication. 207,443; Jan. 5; Serial No. 219,394; published Oct. 13, 1925.
Jones & Woodland; Jones & Woodland, Newark, N. J., successor. Rings. 48,132; renewed Dec. 12, 1925.
Jung, Louis E., New Orleans, La. Bitter cordial. 47,486; renewed Nov. 7, 1925.
Kandi Underwear Company, New York, N. Y. Underwear for men and boys. 207,567; Jan. 5; Serial No. 216,732; published Oct. 20, 1925.
Keidel, Henry; Henry Keidel & Co. Inc., Baltimore, Md., successor. Hoes. 51,797; renewed Apr. 24, 1926.
Keidel, Henry, assignor to Henry Keidel & Co. Inc., Baltimore, Md. Bicycles. 51,353; renewed Apr. 10, 1926.
Keidel, Henry, assignor to Henry Keidel & Co. Inc., Baltimore, Md. Razors. 51,992; renewed May 1, 1926.
Keiffer Brothers, assignor to Keiffer Bros. Co., New Orleans, La. Leather boots and shoes. 47,185; renewed Oct. 31, 1925.
Kendall Mfg. Co., Providence, R. I. Soap. 50,879; renewed Apr. 3, 1926.
Kent, Chester, & Co., assignor to Chester Kent & Co., Inc., Detroit, Mich. Remedies for internal use. 52,715; renewed May 15, 1926.

Klug Features Syndicate, Inc., New York, N. Y. Newspaper section. 207,640; Jan. 5; Serial No. 217,626; published Oct. 20, 1925.
Kip-So Products Co., New York, N. Y. Face powders, creams, and packs, toilet waters, rouges, etc. 207,597; Jan. 5; Serial No. 219,287; published Oct. 13, 1925.
Kirk, James S., & Company, Chicago, Ill. Soap chips. 207,545; Jan. 5; Serial No. 207,818; published Oct. 13, 1925.
Klotz, H. & G., Paris, France. Perfumed and toilet soaps, shaving-soap sticks, and paste and powder. 207,569; Jan. 5; Serial No. 216,413; published Oct. 6, 1925.
Knoblock, James B., Columbus, Miss. Stock remedy for the elimination of worms, remedy for diarrhea, colic, and indigestion in general. 207,676; Jan. 5; Serial No. 213,977; published Oct. 27, 1925.
Kol-O-Heat Mfg. Co. (See Mudge, Robert W.)
Kress, S. H., & Co., New York, N. Y. Face powders, creams, and packs, toilet waters, rouges, etc. 207,674; Jan. 5; Serial No. 219,289; published Oct. 13, 1925.
Kuhn, Harry D., doing business as H. Dale Kuhn, H. Dale Kuhn Manufacturing Pharmacist, Kuhn Drug Company, and H. Dale Kuhn Laboratory, Shelby, Ohio. Laxative in pill form. 207,457; Jan. 5; Serial No. 214,668; published Oct. 6, 1925.
Lacey, R. S. & H. B.; Lacey & Lacey, Washington, D. C., successor. Books. 47,718; renewed Nov. 14, 1925.
La-Lo Laboratories. (See Boyd Manufacturing Company, Inc., The.)
Lanman & Kemp, assignor to Lanman & Kemp, Inc., New York, N. Y. Sarsaparilla. 52,456; renewed May 8, 1926.
Lan-o-zin Co. (See Jacobi, Edwin B.)
La Roe, Clarence R., Cleveland, Ohio. Photographic materials. 207,473; Jan. 5; Serial No. 214,168; published Oct. 13, 1925.
Lauer, Frederick W., doing business as Fred Lauer, Chicago, Ill. Miniature cedar chests and candy boxes. 207,486; Jan. 5; Serial No. 218,314; published Oct. 20, 1925.
Levy, S. J., & Sons, New York, N. Y. Hosiery. 207,669; Jan. 5; Serial No. 219,341; published Oct. 20, 1925.
Lifton Mfg. Co., New York, N. Y. Brief cases, medical-instrument and card cases, and wallets. 207,487; Jan. 5; Serial No. 218,263; published Oct. 27, 1925.
Livingston Co., The, New Haven, Conn. Metal and nickel polishes, hand soap, mohair dressing, etc. 207,647; Jan. 5; Serial No. 214,024; published Oct. 27, 1925.
Lloyd Brothers, assignor to Lloyd Brothers, Pharmacists, Inc., Cincinnati, Ohio. Escharotics. 50,516; renewed Mar. 20, 1926.
Lloyd Brothers, assignor to Lloyd Brothers, Pharmacists, Inc., Cincinnati, Ohio. Pharmaceutical preparations. 50,518; renewed Mar. 20, 1926.
Lloyd Brothers, assignor to Lloyd Brothers, Pharmacists, Inc., Cincinnati, Ohio. Antiseptics or germicides. 50,519; renewed Mar. 20, 1926.
Long's Hat Stores, New York, N. Y. Hats for men, young men, and youths. 207,718; Jan. 5.
Long's Hat Stores, New York, N. Y. Men's hats. 207,719–20; Jan. 5.
Loring Coes & Company, Inc., Worcester, Mass. Machine knives. 48,208; renewed Dec. 19, 1925.
Loring Coes & Company, Inc., Worcester, Mass. Machine blades or knives. 48,442; renewed Dec. 26, 1925.
Los Angeles Soap Company, Los Angeles, Calif. Soap. 207,464; Jan. 5; Serial No. 215,075; published Oct. 6, 1925.
Los Angeles Soap Company, Los Angeles, Calif. Soap. 207,630; Jan. 5; Serial No. 198,654; published Oct. 20, 1925.
Maas, Arthur R., doing business as A. R. Maas Chemical Co., Los Angeles, Calif. Sodium hyposulphate, sodium carbonate, etc. 207,552; Jan. 5; Serial No. 204,462; published Oct. 20, 1925.
Macbeth-Evans Glass Company, Pittsburgh, Pa. Lamp glasses and globes. 47,694; renewed Nov. 14, 1925.
Macbeth-Evans Glass Company, Pittsburgh, Pa. Lamp glasses and globes. 47,696–7; renewed Nov. 14, 1925.
Macbeth-Evans Glass Company, Pittsburgh, Pa. Lamp glasses and globes. 47,718; renewed Nov. 14, 1925.
Macfadden Publications Incorporated, New York, N. Y. Monthly magazine. 207,578; Jan. 5; Serial No. 218,518; published Oct. 13, 1925.
Marlow, Alfred S., Lincoln Park, N. J. Diaphragm pumps. 207,549; Jan. 5; Serial No. 208,918. Published Sept. 1, 1925.
Marshall Field & Company, Chicago, Ill. Men's suits. 207,568; Jan. 5; Serial No. 216,521; published Oct. 20, 1925.
Marshall Field & Company, Chicago, Ill. Underwear. 207,724; Jan. 5.
Marshall Field & Company, Chicago, Ill. Gingham. 207,745; Jan. 5.
Marshall, J. E., doing business as Marshall Company, St. Joseph, Mo. Tube patches. 207,658; Jan. 5; Serial No. 219,637; published Oct. 20, 1925.
Martí y Gutiérrez, Alcala de Guadaira, Seville, Spain. Olive oil. 207,521; Jan. 5; Serial No. 181,202; published Oct. 27, 1925.
Massachusetts Sales Service. (See Champagne, Alphonse B. D.)
Mauser-Werke Aktiengesellschaft, Oberndorf-on-the-Neckar, Germany. Compasses, patterns, rules, etc. 207,574; Jan. 5; Serial No. 215,161; published Oct. 20, 1925.
Maxim Co., The, New York, N. Y. Women's outer wear. 207,644; Jan. 5; Serial No. 217,474; published Oct. 20, 1925.
Maxim Silencer Company, The, Hartford, Conn. Mufflers for quieting explosive and other noises. 207,740; Jan. 5.
McDonald, J. G., Candy Co.; J. G. McDonald Chocolate Company, Salt Lake City, Utah, successor. Candies of all kinds. 48,927; renewed Jan. 16, 1926.
Mendleson's, A., Sons, assignors to B. T. Babbitt, Albany, N. Y. Potash, lye, and caustic soda. 50,792; renewed Mar. 27, 1926.
Meyer, Chas. E., & Co., Freeport, Ill. Cider vinegar. 51,120; renewed Apr. 3, 1926.
Middishade Company, The, Philadelphia, Pa. Men's suits. 207,665; Jan. 5; Serial No. 219,403; published Oct. 20, 1925.
Miller Parrott Baking Co., Terre Haute and Evansville, Ind. Crackers, sugar wafers, biscuits, etc. 207,716; Jan. 5.
Milliner Dairy Company, Norfolk, Va. Food product containing chocolate, sugar, and milk and a food product containing cocoa, sugar, and milk. 207,534; Jan. 5; Serial No. 194,728; published Oct. 20, 1925.
Minard's Liniment Manufacturing Company, assignor to Minard Company, Framingham, Mass. Liniment. 52,210; renewed May 1, 1926.
Mme. Ise'Bell's Toilet Mfg. Co. (See Plough Chemical Co.)
Mosquera, Leoncio, Philadelphia, Pa. Cigarettes. 207,466; Jan. 5; Serial No. 215,264; published Oct. 20, 1925.
Mothersill Remedy Company, Limited, Montreal, Canada, and New York, N. Y. Remedy for seasickness. 207,510; Jan. 5; Serial No. 216,740; published Oct. 6, 1925.
Motor Equipment Manufacturers, Inc., New York, N. Y. Locking radiator caps. 207,540; Jan. 5; Serial No. 201,933; published Oct. 20, 1925.
Mudge, Robert W., doing business as Kol-O-Heat Mfg. Co., Detroit, Mich. Thermally-insulated receptacle. 207,478; Jan. 5; Serial No. 213,314; published Oct. 20, 1925.
Mulford, H. K., Company, Philadelphia, Pa. Antiseptic for local and internal use. 51,646; renewed Apr. 17, 1926.
Mulford, H. K., Company, Philadelphia, Pa. Cod-liver-extract compound as a tonic and stimulant. 207,663; Jan. 5; Serial No. 219,443; published Oct. 13, 1925.
Mulford, H. K., Company, Philadelphia, Pa. Digestant, aperient, and adjuvant. 207,664; Jan. 5; Serial No. 219,442; published Oct. 13, 1925.
Murphy, R. M. and J. J., Statesboro, Ga. Liniment for the treatment of rheumatism. 207,450; Jan. 5; Serial No. 216,793; published Oct. 27, 1925.
NEA Service, Inc., Cleveland, Ohio. Comic strip. 207,529; Jan. 5; Serial No. 211,858; published Oct. 6, 1925.
N-V Products Co., The. (See Remington, Henry F.)
National Lock Washer Company, The, Newark, N. J. Lock washers and nut locks. 52,366; renewed May 8, 1926.
National Petticoat Manufacturing Co. (See Stern, Isidor.)
National Women's Press, The. (See Rankin, Enid S.)
New Century Literary Bureau, Inc. (See Rankin, Enid S., assignor.)
New Jersey Coated Paper Co., Montclair, N. J. Surface-coated printing, writing, wrapping, book, and cover paper. 207,682; Jan. 5; Serial No. 213,396; published Oct. 13, 1925.
New Jersey Coated Paper Co., Montclair, N. J. Surface-coated printing, writing, wrapping, book, and cover paper. 207,683; Jan. 5; Serial No. 213,394; published Oct. 13, 1925.
New Mix Products, Inc., New York, N. Y. Soaps. 207,652; Jan. 5; Serial No. 219,981; published Oct. 20, 1925.
News Publishing Company, The, Inc, Newburyport, Mass. Daily newspaper. 207,608; Jan. 5; Serial No. 218,994; published Oct. 13, 1925.
Newton, Chambers and Co. Limited, Thorncliffe, near Sheffield, England. Starch and blue for laundry purposes, perfumery, etc. 207,572; Jan. 5; Serial No. 215,528; published Oct. 27, 1925.
Newton, Chambers & Company, Limited, Sheffield, England. Soaps. 207,490; Jan. 5; Serial No. 218,016; published Oct. 6, 1925.
Ng Gee Herb Co., San Francisco, Calif. Liquid compound for the treatment of rheumatism and syphilis. 207,558; Jan. 5; Serial No. 217,477; published Oct. 27, 1925.
North Metal & Chemical Co. Inc., York, Pa. Cleaning preparation. 207,607; Jan. 5; Serial No. 219,041; published Oct. 20, 1925.
Oceano Products Company, Newark, N. J. Laxative. 207,479; Jan. 5; Serial No. 218,570; published Oct. 6, 1925.
"Ofome" Company, Limited, The, London, England. Soap. 207,581; Jan. 5; Serial No. 218,320; published Oct. 20, 1925.

Ohmer Fare Register Company, Dayton, Ohio. Taximeters. 207,749; Jan. 5.
Old Colony Envelope Company, Westfield, Mass. Correspondence cards and mailing envelopes therefor. 207,557; Jan. 5; Serial No. 217,478; published Oct. 6, 1925.
Oliver Machinery Co., Grand Rapids, Mich. Wood-planing machines. 207,656; Jan. 5; Serial No. 219,682; published Oct. 20, 1925.
Omo Manufacturing Company, The, Middletown, Conn. Brassières, children's bibs, rubber kitchen aprons, bathing caps, and rubber garters. 207,702; Jan. 5; Serial No. 219,446; published Oct. 27, 1925.
Orange-Well, Inc., St. Louis, Mo. Beverage. 207,494; Jan. 5; Serial No. 216,420; published Oct. 20, 1925.
Out West Manufacturing Co., Denver, Colo. Tire-casing boots and sectional repairs for pneumatic-tire casings. 207,715; Jan. 5.
Outlet Company, The. (See Samuels, J., & Bro., assignor.)
Palmer, Eddy, assignor to Solon Palmer, New York, N. Y. Perfumed powders. 51,907; renewed Apr. 24, 1926.
Palmer, Eddy, assignor to Solon Palmer, New York, N. Y. Perfumes, extracts, essences, colognes, and toilet waters. 51,943; renewed Apr. 24, 1926.
Palmer, Eddy, assignor to Solon Palmer, New York, N. Y. Lotions for affections of the skin. 51,944; renewed Apr. 24, 1926.
Paper Products Manufacturing Company, Swarthmore, Pa. Paper napkins. 207,587; Jan. 5; Serial No. 218,137; published Oct. 6, 1925.
Parfumerie Internationale Corday, Paris, France. Perfumes, toilet waters, face lotions, powders, etc. 207,555; Jan. 5; Serial No. 194,470; published Oct. 6, 1925.
Parfumerie Internationale Corday, Paris, France. Perfumes, toilet waters, face lotions, powders, etc. 207,556; Jan. 5; Serial No. 194,467; published Oct. 6, 1925.
Parfumerie Internationale Corday, Paris, France. Perfumes, toilet waters, face lotions, etc. 207,696; Jan. 5; published Oct. 6, 1925.
Parfumerie Rigaud, Inc., New York, N. Y. Perfumes, toilet waters, face creams, etc. 207,447; Jan. 5; Serial No. 219,259; published Oct. 13, 1925.
Patch, E. L., Company, The, Stoneham, Mass. Flavored cod-liver oil. 207,668; Jan. 5; Serial No. 219,347; published Oct. 13, 1925.
Paula Valley Grain & Seed Co., Paula Valley, Okla. Wheat flour. 207,746; Jan. 5.
Pennsylvania Glass Products Company. (See Dykema, Tunis J.)
Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Disinfectant, cleansing, and bleaching agent. 207,661; Jan. 5; Serial No. 219,554; published Oct. 13, 1925.
Periodical Digest Corporation, The, New York, N. Y. Column or section published monthly. 207,564; Jan. 5; Serial No. 216,988; published Oct. 13, 1925.
Perry's Candy Co. Inc., Long Island City, N. Y. Chocolates and candies. 207,737; Jan. 5.
Peterson, Charles, Duluth, Minn. Dry-cleaning composition. 207,472; Jan. 5; Serial No. 214,177; published Oct. 6, 1925.
Pfeiffer Insecticide Company, Louisville, Ky. Insecticides. 207,530; Jan. 5; Serial No. 211,867; published Aug. 11, 1925.
Pfeiffer, S., Mfg. Co., St. Louis, Mo. Medicinal preparation for the removal of corns, etc. 207,706; Jan. 5; Serial No. 219,600; published Oct. 27, 1925.
Phoenix Horse Shoe Company, Chicago, Ill., and New York, N. Y. Horseshoes. 207,527; Jan. 5; Serial No. 210,923; published Oct. 20, 1925.
Phoenix Hosiery Company, Milwaukee, Wis. Ladies' underwear. 207,705; Jan. 5; Serial No. 219,555; published Oct. 27, 1925.
Pierce, S. S., Co., Boston, Mass. Soaps. 207,503; Jan. 5; Serial No. 216,636; published Oct. 6, 1925.
Piper and Salerno Co., Inc., New York, N. Y. Sport fabric and topcoats for ladies. 207,601–2; Jan. 5; Serial Nos. 219,137–8; published Oct. 20, 1925.
Piper and Salerno Co., Inc., New York, N. Y. Ladies' topcoats. 207,603; Jan. 5; Serial No. 219,136; published Oct. 20, 1925.
Piver, L. T., Inc., Wilmington, Del., and New York, N. Y. Toilet soaps. 207,659; Jan. 5; Serial No. 219,603; published Oct. 20, 1925.
Piver, L. T., Inc., Wilmington, Del., and New York, N. Y. Perfumes, eau de toilette, face powder, etc. 207,707; Jan. 5; Serial No. 219,602; published Oct. 27, 1925.
Planten, John R., assignor to H. Planten & Son, Inc., Brooklyn, N. Y. Filled gelatin capsules. 51,355–6; renewed Apr. 10, 1926.
Plough Chemical Company, doing business as Mme. Ise'Bell's Toilet Mfg. Co., Memphis, Tenn. Toilet soaps. 207,532; Jan. 5; Serial No. 187,589; published Aug. 18, 1925.
Pomeroy Company, New York, N. Y. Elastic stockings. 52,279; renewed May 8, 1926.
Postum Cereal Co., Limited, assignor to Postum Cereal Company, Incorporated, Battle Creek, Mich., and New York, N. Y. Nonalcoholic food drinks which are produced from a cereal. 52,560; renewed May 15, 1926.

Pratt & Lambert; Pratt & Lambert, Inc., Buffalo, N. Y. Stains or finishes. 46,525; renewed Sept. 26, 1925.
Press-Union Publishing Company, Atlantic City, N. J. Newspaper. 207,563; Jan. 5; Serial No. 216,989; published Oct. 13, 1925.
Prince, Meyer, New York, N. Y. Women's, misses', and children's clothing. 207,641; Jan. 5; Serial No. 217,529; published Oct. 20, 1925.
"Proka" Parfümerie- und Seifenfabriks A. G., Vienna, Austria. Perfumery. 207,471; Jan. 5; Serial No. 214,178; published Oct. 27, 1925.
Public Press Corporation, New York, N. Y. Newspaper column. 207,624; Jan. 5; Serial No. 216,933; published Oct. 20, 1925.
Pyle, Josephus A., St. Joseph, Mo. Tree paint for use as an insecticide. 207,595; Jan. 5; Serial No. 217,530; published Oct. 27, 1925.
Ramer Reviews, Inc., New York, N. Y. Printed periodical published monthly and at other intervals. 207,448; Jan. 5; Serial No. 218,272; published Oct. 13, 1925.
Rankin, Enid S., doing business as The National Women's Press, New York, N. Y., assignor to New Century Literary Bureau, Inc. Periodical publication. 207,513; Jan. 5; Serial No. 216,639; published Oct. 6, 1925.
Red Jacket Manufacturing Company, Davenport, Iowa. Piston well pumps. 52,372; renewed May 8, 1926.
Red Sun Products Co., Chicago, Ill. Malt sirup for food purposes. 207,618; Jan. 5; Serial No. 218,828; published Oct. 20, 1925.
Redd Chemical & Nitrate Co., Birmingham, Ala. Fertilizer. 207,526; Jan. 5; Serial No. 210,405; published Sept. 15, 1925.
Reeder, Samuel B., Washington, D. C. Board game. 207,440; Jan. 5; Serial No. 219,911; published Oct. 27, 1925.
Reinschild Chemical Co., The, New York, N. Y. Sterile serum salt. 207,531; Jan. 5; Serial No. 212,036; published Oct. 27, 1925.
Remington, Henry F., doing business as The N-V Products Co., Nashville, Mich. Face cream, hair tonic, shampoo, etc. 207,493; Jan. 5; Serial No. 216,476; published Oct. 27, 1925.
Reneau, M. C., doing business as Reneau Laboratory, Houston, Tex. Shampoo. 207,673; Jan. 5; Serial No. 219,305; published Oct. 13, 1925.
Rhenania Verein Chemischer Fabriken Aktien-Gesellschaft, Colonia, Germany. Antiseptic. 207,455; Jan. 5; Serial No. 215,876; published Oct. 6, 1925.
Rice-Stix Dry Goods Company, St. Louis, Mo. Dresses and aprons. 207,625; Jan. 5; Serial No. 216,477; published Oct. 20, 1925.
Richmond & Backus Co., The, Detroit, Mich. Ledgers. 52,305; renewed May 8, 1926.
Riley, Anna E., doing business as Ace Art Company, Reading, Mass. Corner mounts for photographs. 207,579; Jan. 5; Serial No. 218,373; published Oct. 6, 1925.
Rindskopf, Herbert A., doing business as Crown Rubber Manufacturing Co., Brooklyn, N. Y. Rubber goods and goods made of rubber composition. 207,612; Jan. 5; Serial No. 218,663; published Oct. 20, 1925.
Rockwell-Barnes Company, Chicago, Ill. Typewriter paper. 207,537; Jan. 5; Serial No. 200,342; published Oct. 20, 1925.
Rogers & Hubbard Co., The, assignor to The Rogers Manufacturing Company, Rockfall, Conn. Bone rings. 51,274; renewed Apr. 10, 1926.
Rogers & Pyatt, Inc.; Rogers-Pyatt Shellac Company, New York, N. Y., successor. Shellac varnish and gum shellac. 45,614; renewed Aug. 22, 1925.
Röhm & Haas Aktiengesellschaft, Darmstadt, Germany. Soaps, washing and soap powders, and soaps for use in the textile and tanning industries. 207,520; Jan. 5; Serial No. 212,751; published Oct. 6, 1925.
Rotary Hosiery Shops, Inc., Brooklyn, N. Y. Hosiery. 207,634; Jan. 5; Serial No. 218,374; published Oct. 20, 1925.
Ruehl, William, Milwaukee, Mich. Dill pickles, tomato catchup, coffee, cinnamon, cloves, pepper, etc. 207,650; Jan. 5; Serial No. 203,330; published Oct. 20, 1925.
Safety Pipe, Inc., New York, N. Y. Pipes. 207,723; Jan. 5.
St. Claire' (Inc.), Boston, Mass. Confectionery. 207,651; Jan. 5; Serial No. 200,344; published Oct. 20, 1925.
Samuels, J., & Bro., assignor, by mesne assignments, to The Outlet Company, Providence, R. I. Coats and trousers. 50,794; renewed Mar. 27, 1926.
San Francisco Association for the Blind, San Francisco, Calif. Brooms and brushes and dusters. 207,522; Jan. 5; Serial No. 204,724; published Oct. 27, 1925.
Sapieha, Stanislaw, Racine, Wis. Medicine for debility, rheumatism, etc. 207,662; Jan. 5; Serial No. 219,453; published Oct. 13, 1925.
Schenck, Joseph H.; Joseph H. Schenck, jr., Philadelphia, Pa., successor. Medicinal, restorative, and regulative compounds. 51,622; renewed Apr. 17, 1926.
Schield, Wm., Mfg. Co., St. Louis, Mo. Cleanser or cleaning, scouring, or washing powder. 207,580; Jan. 5; Serial No. 218,336; published Oct. 20, 1925.

Schlitz, Joseph, Brewing Company, assignor to Jos. Schlitz Beverage Company, Milwaukee, Wis. Lager beer. 52,011; renewed May 1, 1926.
Schloss & Kahn Grocery Co., Montgomery, Ala. Salt. 207,502; Jan. 5; Serial No. 218,668; published Oct. 6, 1925.
Schneider, Maurice J., doing business as M. J. Schneider & Co., Los Angeles, Calif. Ladies' coats, dresses, suits, shirt waists, bloomers, etc. 207,645; Jan. 5; Serial No. 216,644; published Oct. 27, 1925.
Schroth, J. & F., Pack. Co., The; The J. & F. Schroth Packing Company, Cincinnati, Ohio. Hams, shoulders, and bacon. 51,326; renewed Apr. 10, 1926.
Scott, Allen C., doing business as Scott Mfg. Company, Omaha, Nebr. Shipping containers. 207,469; Jan. 5; Serial No. 214,505; published Oct. 20, 1925.
Service Garment Company, Gainesville, Tex. Overalls, jumpers, shirts, etc. 207,730; Jan. 5.
Shaffer Stores Company, Altoona, Pa. Canned vegetables, flour, butter, etc. 207,585; Jan. 5; Serial No. 218,211; published Oct. 20, 1925.
Shannon, John H., Washington, D. C. Nom de plume for a newspaper section. 207,698; Jan. 5; Serial No. 218,433; published Oct. 27, 1925.
Shippers' Guide Company, Inc., The, Chicago, Ill. Monthly publication. 207,449; Jan. 5; Serial No. 216,944; published Oct. 13, 1925.
Sifta Puff Co. (See Furlager, Louis I.)
Silver Suds Manufacturing Company, Philadelphia, Pa. Cleaning and polishing compounds. 207,518; Jan. 5; Serial No. 217,184; published Oct. 6, 1925.
Singer Manufacturing Company, The, New York, N. Y.; The Singer Manufacturing Company, Elizabeth, N. J. Sewing machines. 49,599–600; renewed Feb. 13, 1926.
Singer Manufacturing Company, The, New York, N. Y.; The Singer Manufacturing Company, Elizabeth, N. J. Sewing-machine stands and their parts and attachments. 49,601; renewed Feb. 13, 1926.
Singer Manufacturing Company, The, New York, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machines. 49,602–5; renewed Feb. 13, 1926.
Singer Manufacturing Company, The, New York, N. Y.; The Singer Manufacturing Company, Elizabeth, N. J. Cotton, silk, hemp, and other fiber threads. 50,195; renewed Mar. 6, 1926.
Smalley, Kivlan & Onthank, Boston, Mass. Rubber jar rings. 207,653; Jan. 5; Serial No. 219,783; published Oct. 20, 1925.
Smith, J. W. & Sons, New York, N. Y. Woolen piece goods. 207,748; Jan. 5.
Smith, Kline & French Company, Philadelphia, Pa. Medicinal mineral oil. 207,660; Jan. 5; Serial No. 219,558; published Oct. 13, 1925.
Société Anonyme Laboratoire de Physiologie du Puits d'Angle, Le Puits d'Angle, par le Chesnay, France. Pharmaceutical product. 207,695; Jan. 5; Serial No. 190,710; published Oct. 27, 1925.
Spencer, Clinton A., assignor to C. A. Spencer & Son Company, Boston, Mass. Chestnut-oak extract. 52,255; renewed May 1, 1926.
Spicer, Charles R., doing business as The Pelvo Medicine Co., Memphis, Tenn. Medicine in the form of a general tonic and laxative. 207,451; Jan. 5; Serial No. 216,799; published Oct. 13, 1925.
Sportlife Publishing Corporation, New York, N. Y. Monthly magazine. 207,573; Jan. 5; Serial No. 215,317; published Oct. 6, 1925.
Standard Homes Company. (See Johnson, Alfonzo G.)
Standard Mattress & Furniture Manufacturing Co., San Diego, Calif. Mattresses. 207,600; Jan. 5; Serial No. 219,151; published Oct. 20, 1925.
Standard Oil Company (New Jersey), Bayonne, N. J. Paraffin wax and harness oil. 207,675; Jan. 5; Serial No. 214,511; published Oct. 13, 1925.
Standard Textile Products Company, The, New York, N. Y. Table oilcloth, shelf coverings, and decorative oilcloth. 207,725; Jan. 5.
Star Metal Mfg. Co., Philadelphia, Pa. Coffee urns steam tables, griddles, etc. 207,609; Jan. 5; Serial No. 218,932; published Oct. 20, 1925.
Stark, Ludwig, Chicago, Ill. Wrenches. 207,729; Jan. 5
Stemar Displays Co., Chicago, Ill. Cardboard cartons 207,460; Jan. 5; Serial No. 212,838; published Oct. 20 1925.
Sterling, D. L., Sons, Inc., also, doing business as Galeton Dairy Products Co., New York, N. Y., and Galeton, Pa. Condensed milk. 207,592; Jan. 5; Serial No 217,803; published Oct. 20, 1925.
Stern, Isidor, doing business as National Petticoat Manufacturing Co., New York, N. Y. Underwear. 207,648; Jan. 5; Serial No. 213,863; published Oct. 20, 1925.
Stevens and Company, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Spectacles and eyeglasses and their mountings and parts. 52,381; renewed May 8, 1926.
Storey, H. E., doing business as Storey Laboratories, Houston, Tex. Medicine for internal use. 207,546; Jan. 5; Serial No. 207,899; published Mar. 17, 1925.
Storey Laboratories. (See Storey, H. E.)
Strahl & Pitsch, New York, N. Y. Beeswax, paraffin wax, shellac wax, etc. 207,437; Jan. 5; Serial No. 216,749; published Oct. 6, 1925.
Stull, David L., dong business as Highland Ice-Cream Co., Birmingham, Ala. Ice cream. 207,617; Jan. 5; Serial No. 219,047; published Oct. 20, 1925.
Sullivan Machinery Company, Boston, Mass., and Chicago, Ill. Percussive concrete or pavement brakers. 207,733; Jan. 5.
Sultan Drug Co., St. Louis, Mo. Remedies for diseases of the stomach and bowels. 47,817; renewed Nov. 21, 1925.
Sussberg, Victor L., doing business as V. L. Sussberg Co., New York, N. Y. Undergarments. 207,701; Jan. 5; Serial No. 218,933; published Oct. 20, 1925.
Swartwood-Nelson Paper Co., Minneapolis, Minn. Writing paper. 207,458; Jan. 5; Serial No. 205,666; published Oct. 13, 1925.
Swift Specific Company, The, Atlanta, Ga. Laxative cathartic tablets. 207,596; Jan. 5; Serial No. 217,485; published Sept. 22, 1925.
Tait, George, & Sons, assignor to Geo. Tait & Sons, Inc., Norfolk, Va. Garden, trucking, and flower seeds and bulbs. 51,052; renewed Apr. 3, 1926.
Taskey, Harry L., New York, N. Y. Cartoon strip. 207,639; Jan. 5; Serial No. 217,646; published Oct. 27, 1925.
Taylor Bramley Company, The, Chicopee, Mass. Infants' and children's clothing. 207,539; Jan. 5; Serial No. 201,782; published Oct. 20, 1925.
Texas Company, The, Houston, Tex., and New York, N. Y. Monthly publications. 207,446; Jan. 5; Serial No. 218,436; published Oct. 13, 1925.
Theonett & Co., Chicago, Ill. Beverages sold as soft drinks and flavored sirups and extracts for making the same. 207,517; Jan. 5; Serial No. 217,373; published Oct. 20, 1925.
Thompson Medical Company, Titusville, Pa. Medicine for the cure of liver and kidney diseases. 50,801; renewed Mar. 27, 1926.
Tomson, P. C., & Co., Inc., Philadelphia, Pa. Lye and chlorinated lime. 207,505; Jan. 5; Serial No. 216,571; published Oct. 6, 1925.
Toutmain, Inc., New York, N. Y. Ladies' dresses. 207,697; Jan. 5; Serial No. 218,509; published Oct. 20, 1925.
Tribond Sales Corporation, New York, N. Y. Hosiery. 207,670–2; Jan. 5; Serial Nos. 219,314–6; published Oct. 20, 1925.
Troponwerke Dinklage & Co., Kohn-Mulheim, Germany. Milk protein preparation acting as a general stimulant in cases such as arterial sclerosis, etc. 207,474; Jan. 5; Serial No. 214,107; published Oct. 27, 1925.
True Story Films Inc., New York, N. Y. Motion-picture films. 207,589; Jan. 5; Serial No. 217,906; published Oct. 20,1925.
Uehling Instrument Company, Paterson, N. J. Indicating and recording instruments of all kinds, automatic gas analyzers, etc. 207,744; Jan. 5.
United States Rubber Company, New York, N. Y. Floats or rafts for bathers and accessories thereof. 207,509; Jan. 5; Serial No. 216,806; published Oct. 20, 1925.
United States Rubber Company, New York, N. Y. Waterproof coats composed of fabric and rubber. 207,627; Jan. 5; Serial No. 215,034; published Oct. 20, 1925.
United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Rubber tires. 207,570; Jan. 5; Serial No. 216,370; published Oct. 20, 1925.
Valenstein, Lawrence, doing business as Grey Studios, New York, N. Y. Monthly publication. 207,560; Jan. 5; Serial No. 217,308; published Oct. 13, 1925.
Van Antwerp, G., & Son; Van Antwerp's Drug Corporation, Inc., Mobile, Ala., successor. Internal remedies for headaches. 51,673; renewed Apr. 17, 1926.
Vandyck Churchill Company, New York, N. Y. Lathes. 52,387; renewed May 8, 1926.
Venus Brassiere Co., Chicago, Ill. Corsets. 207,714; Jan. 5.
Vivi, Inc., New York, N. Y. Face powders, creams, and packs, toilet waters, rouges, etc. 207,444; Jan. 5; Serial No. 219,262; published Oct. 13, 1925.
Vulcan Iron Works, San Francisco, Calif. Ammonia compressors. 49,895; renewed Feb. 20, 1926.
W-H Keyless Lock Company, Limited, Honolulu, Hawaii, and Hartford, Conn. Locks. 207,604; Jan. 5; Serial No. 219,095; published Oct. 20, 1925.
Wagner Manufacturing Company, The, Sidney, Ohio. Pots, kettles, teakettles, pans, skillets, etc. 207,738; Jan. 5.
Waitt & Bond, Inc., Newark, N. J. Cigars. 207,483–5; Jan. 5; Serial Nos. 218,382–4; published Oct. 20, 1925.
Wakewell Products Company, Incorporated, New York, N. Y. Laxative. 207,726; Jan. 5.
Walnott Knitting Company, Utica, N. Y. Knitted coats. 207,606; Jan. 5; Serial No. 219,050; published Oct. 20, 1925.
Ward-Love Pump Corporation, Rockford, Ill. Base-exchange water-softening materials. 207,500; Jan. 5; Serial No. 218,675; published Oct. 6, 1925.
Waterbury Chemical Company, Des Moines, Iowa. Cod-liver oil. 49,086; renewed Jan. 23, 1926.
Watkins, J. R., Company, The, Winona, Minn. Shaving creams and skin soap. 207,525; Jan. 5; Serial No. 207,903; published Oct. 6, 1925.

Watkins, J. R., Company, The, Winona, Minn. Soap. 207,667; Jan. 5; Serial No. 219,360; published Oct. 20, 1925.
Webster, William A., Company, The, Memphis, Tenn. Shaving cream. 207,554; Jan. 5; Serial No. 199,511; published Oct. 6, 1925.
Weinreich, David J., doing business as Joseph Weinreich, Dayton, Ohio. Cigars. 207,491; Jan. 5; Serial No. 217,842; published Oct. 20, 1925.
Weinroth, Max, Philadelphia, Pa. One and two piece underwear, bathing suits, and hosiery. 207,626; Jan. 5; Serial No. 215,285; published Oct. 20, 1925.
Weller, Franklin P., Washington, D. C. Preparation of tripoli used as metal polishers, cleaners, and burnishers. 207,646; Jan. 5; Serial No. 214,937; published Oct. 20, 1925.
Wetmore, S. H., Company, The, New York, N. Y. Atomizers, bulb and fountain syringes. 45,870; renewed Aug. 29, 1925.
Wheeler Condenser & Engineering Co., New York, N. Y.; Wheeler Condenser & Engineering Co., Carteret, N. J. Steam pumping engines and steam pumps. 50,403; renewed Mar. 13, 1926.
Whitaker Paper Company, The, Cincinnati, Ohio. Writing, ledger, and bond paper. 207,551; Jan. 5; Serial No. 209,327; published Oct. 20, 1925.
Whitman, Clarence, & Co., assignor to Clarence Whitman & Sons, Inc., New York, N. Y. Cotton piece goods. 49,065; renewed Jan. 23, 1926.
Whitman, Clarence, & Co., assignor to Clarence Whitman & Sons, Inc., New York, N. Y. Silk piece goods. 51,165; renewed Apr. 3, 1926.
Wilkinson, Gaddis & Co., Newark, N. J. Jams and jellies. 50,065; renewed Feb. 27, 1926.
Willard Storage Battery Company, Cleveland, Ohio. Publication. 207,465; Jan. 5; Serial No. 216,246; published Oct. 6, 1925.
Williams-Ansehl Company, Pittsburgh, Pa. Sash cord, clotheslines, and rope. 207,547; Jan. 5; Serial No. 208,087; published Mar. 10, 1925.
Williams, J. A., & Company, Pittsburgh, Pa. Enameled cooking utensils. 207,562; Jan. 5; Serial No. 217,238; published Oct. 20, 1925.
Wilson-Maeulen Co. Inc., New York, N. Y. Hardness-tester penetrator. 207,586; Jan. 5; Serial No. 218,148; published Oct. 20, 1925.
Wilson's Everlasting Flesh Reducing Method, Chicago, Ill. Flesh-reducing solution. 207,741; Jan. 5.
Wimpfheimer, A., and Brother, assignor to A. Wimpfheimer & Bro. Inc., New York, N. Y. Velveteens. 50,772; renewed Mar. 27, 1926.
Wood Shovel and Tool Company, The, Piqua, Ohio. Shovels. 207,512; Jan. 5; Serial No. 216,660; published Oct. 13, 1925.
World Bestos Corporation, New York, N. Y. Transmission, brake, and friction linings. 207,691; Jan. 5; Serial No. 211,649; published Oct. 20, 1925.
Zeller, Warren S., doing business as The Pastex Company, Philadelphia, Pa. Liquid cement. 207,499; Jan. 5; Serial No. 218,835; published Oct. 27, 1925.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Central Braiding Company. (See Weinstein, Leon.)
Columbia Knitting Mills Inc., Portland, Oreg. The Original Crotchless Suit. For Swimming Suits. 29,738; Jan. 5.
Emmerich, Chas., & Co., Chicago, Ill. The Emmerich Perfect Pillow in a Package. For Pillows and Containers Therefor. 29,739; Jan. 5.
Haas-Baruch & Co., Los Angeles, Calif. Bagdad. For Coffee. 29,740; Jan. 5.
Harnit & Hewitt Co., The, Toledo, Ohio. Coffee. For Coffee. 29,741; Jan. 5.
Harnit & Hewitt Co., The, Toledo, Ohio. Spices. For Spices. 29,742; Jan. 5.
Janitor's Supply House, Inc., Baltimore, Md. Deathline Disinfectant. For a Disinfectant Preparation. 29,743; Jan. 5.
National Grocery Company, Jersey City, N. J. N. G. Co. For Tea. 29,744; Jan. 5.
Novelty Knitting Mills, Philadelphia, Pa. Ajax Sport Coat. For Sweaters. 29,745; Jan. 5.
Quaffo Health Products Company, Los Angeles, Calif. Quaffee. For a Cereal Beverage. 29,746; Jan. 5.
Seidner & Hitzigrath, Inc., New York, N. Y. Guarantee. For Hair Nets. 29,747; Jan. 5.
Seidner & Hitzigrath, Inc., New York, N. Y. Liberty Bell Hair Net. For Hair Nets. 29,748; Jan. 5.
Seidner & Hitzigrath, Inc., New York, N. Y. A Guaranteed Net of Paramount Quality. For Hair Nets. 29,749; Jan. 5.
Thompson, Edward B., Spokane, Wash. Thompson's Fig Lax. Compound Health Tablets. For Laxative Tablets. 29,750; Jan. 5.
Weinstein, Leon, doing business as Central Braiding Company, St. Louis, Mo. Radio Shoe Laces. For Shoe Laces. 29,751; Jan. 5.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Association of Manf. of Rag Papers, Housatonic, Mass. The Best Papers are Made From Rags. For Papers Made from Rags. 8,485; Jan. 5.
Economy Engineering Company, Chicago, Ill. Portable Lifters Storage Racks. For Portable Elevators and Storage Racks. 8,486; Jan. 5.
H. & M. Neckwear Company, New York, N. Y. Arrow Bow Adjustable to any Size Collar. Appears Hand Tied C. For Men's Bow Ties. 8,487; Jan. 5.
P and P Novelty Co. (See Plattner, Mrs. H. V.)
Pet and Pett Co.—H. G. Seyfarth & Son. (See Seyfarth, Henry G.)
Plattner, Mrs. H. V., doing business as P and P Novelty Co., Kansas City, Mo. Lilac Breach. For Candied Breath Perfume. 8,488; Jan. 5.
Seyfarth, Henry G., doing business as Pet and Pett Co.-H. G. Seyfarth & Son, Chicago, Ill. Pet-Salve Seyfarth's Ointment 68618 Should be in every home. For an Antiseptic Ointment. 8,489; Jan. 5.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

A. K. Manufacturing Co. (See Sherman, Isidor.)
Abramowitz, Louis, doing business as Betty Louise Dress Co., New York, N. Y. Dresses and frocks. 218,940; Jan. 5.
Actien-Gesellschaft für Anilin-Fabrikation, Berlin, Germany. Fluxes for soldering metals. 223,676; Jan. 5.
Alexander, A. M., doing business as La Prene, Chicago, Ill. Shampoo. 223,156; Jan. 5.
Albestos Corporation, Philadelphia, Pa. Brake linings. 217,655; Jan. 5.
Allen, Gussie J., Oakland, Calif. Abdominal bands, aprons, baby buntings, bands, bibs, etc. 204,848; Jan. 5.
Amendola, Thomas M., doing business as T. M. Amendola & Co., Brawley, Calif. Fresh cantaloupes, lettuce, and peas. 220,753; Jan. 5.
American Crayon Company, The, Sandusky, Ohio. Water colors. 223,209; Jan. 5.
American Radio Mfg. Company, Kansas City, Mo. Radio receiving sets. 222,654; Jan. 5.
Andrews, John A., Chicago, Ill. Parlor board game. 223,454; Jan. 5.
Angel, Paul, Champaign, Ill. Maltless sirup. 222,208; Jan. 5.
Apex Stamping Company, Riverdale, Ill. Antennæ for radio apparatus. 222,656; Jan. 5.
Arden, Elizabeth. (See Lewis, Florence L.)
Arneato Paint Co. Inc., New York, N. Y. Paint in paste form. 222,108; Jan. 5.
Aronsohn, S. J., Inc., New York, N. Y. Tie silks. 224,067; Jan. 5.
Audubon Wire Cloth Company, Audubon, N. J. Wire cloth of steel, brass, copper, bronze, etc. 200,602; Jan. 5.
Ault-Williamson Shoe Company, Auburn, Me. Women's boots, shoes, and slippers. 220,935; Jan. 5.
Bakelite Corporation, New York, N. Y. Picture frames, chair arms, drawer pulls and knobs. 221,586; Jan. 5.
Barber, W. H., Company, Minneapolis, Minn. Petroleum products. 223,362; Jan. 5.

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Beatrice Creamery Company, Chicago, Ill. Butter and cheese. 223,113; Jan. 5.
Bedell Company, The, New York, N. Y. Caps, undergarments, robes, petticoats, and knitted garments, etc. 205,628; Jan. 5.
Bendelari, Mary E., Paris, France. Men's and women's shoes and slippers. 218,592; Jan. 5.
Berg, Charles F., Portland, Oreg. Hosiery. 223,458; Jan. 5.
Berkley Knitting Company, Philadelphia, Pa. Golf hose. 218,727; Jan. 5.
Berliner Kugellager-Fabrik, G. m. b. H., A. Riebe, Berlin-Wittenau, Germany. Ball and roller bearings, casings for said bearings, etc. 219,217; Jan. 5.
Berry Growers Packing Co., The, Gresham, Oreg. Canned berries. 199,669; Jan. 5.
Betty Louise Dress Co. (See Abramowitz, Louis.)
Bliss Syrup Refining Co., Kansas City, Mo. Jams, jellies, table sirups and honey, and fruit preserves. 219,322; Jan. 5.
Boehm, Henry M., doing business as Boehm Decorating Co., Minneapolis, Minn. Imitation snow. 217,604; Jan. 5.
Borgfeldt, Geo., & Co., New York, N. Y. Dolls. 223,211; Jan. 5.
Boyle, Elmer E., Wichita, Kans. Mechanical hobbyhorse. 223,363; Jan. 5.
Brant & Nielsen, Milwaukee, Wis. Puttylike calking cement. 221,232; Jan. 5.
Britz, Maurice, Chicago, Ill. Pocket vanity case and hand brushes. 215,132; Jan. 5.
Bruns, A., Sons & Co., Inc., Brooklyn, N. Y. Overalls and work pants. 223,683; Jan. 5.
Canadian Club Corporation, Boston, Mass. Beverages and sirups, extracts, and emulsions for making the same. 220,938; Jan. 5.
Carlton Mills, Inc., New York, N. Y. Collars, pyjamas, nightrobes, underwear, and shirts. 221,407; Jan. 5.
Catar-Go Chem. Co. (See Schlereth, William.)
Chicago Mail Order Company, Chicago, Ill. Dresses, skirts, waists, aprons, hats, etc. 221,878; Jan. 5.
Chinatyle Corp., New York, N. Y. Soap dishes, sponge holders, towel bars, glass shelves, etc. 216,505; Jan. 5.
Christner, Meno, Iowa Falls, Iowa. Salve. 213,770; Jan. 5.
Chawson, Clement C., Flagtown, N. J. Ice-shaving machines. 222,164; Jan. 5.
Collins Company, The, Collinsville, Conn. Axes, hatchets, adzes, kitchen knives, etc. 222,441; Jan. 5.
Coos Bay Chemical Co., Marshfield, Oreg. Automobile and furniture polishes. 217,759; Jan. 5.
Corte Publishing Company, assignor to Dell Publishing Company, New York, N. Y. Magazine published monthly. 216,089; Jan. 5.
Crawford, McGregor and Canby Company, The, Dayton, Ohio. Golf clubs. 223,769; Jan. 5.
Crompton & Knowles Loom Works, Worcester, Mass. Looms and loom accessories. 221,805; Jan. 5.
Deckard, L. E., doing business as L. E. Deckard Co., Covington, Ky. Canned soup. 210,226; Jan. 5.
Dell Publishing Company. (See Corte Publishing Company, assignor.)
De Luxe Lamp Mfg. Co. (See Rekar, Jay J., assignor.)
Denver Powerine Company, The, Denver, Colo. Motor fuel. 223,086; Jan. 5.
Detroit Graphite Company, Detroit, Mich. Washable wall finish. 222,225; Jan. 5.
Donohue, A. J., Corporation, The, Milford, Conn. Garters. 222,501; Jan. 5.
Dr. Kade's Medizinisch-Pharmazeutisches Fabrikations- & Exportgeschäft Dr. Frank Lutze, Berlin, Germany. Preparation for the treatment of piles. 218,560; Jan. 5.
Dunhill, Alfred, of London, Inc., New York, N. Y. Spirits for cigar lighters. 223,774; Jan. 5.
Duplex Condenser & Radio Corporation, Brooklyn, N. Y. Condensers. 218,689–90; Jan. 5.
Duprez, Rosario, New York, N. Y. Face powders, beauty creams, rouge, ointments, etc. 205,113; Jan. 5.
Eastman Kodak Company, Rochester, N. Y. Light-sensitive photographic paper. 223,507; Jan. 5.
Egon Braun Aktiengesellschaft, Hamburg, Germany. Maltless beverages, sirups and extracts for making the same, and mineral waters. 222,017; Jan. 5.
Egyptian Lacquer Manufacturing Company, The, New York, N. Y. Lacquers, lacquer enamels, and lacquer thinners. 223,905; Jan. 5.
Egyptian Lacquer Manufacturing Company, The. Lacquers, lacquer enamels, and lacquer thinners. 223,907; Jan. 5.
Elks, R. E., jr., Goldsboro, N. C. Pile salve. 218,108; Jan. 5.
Ellis, Charles W., Haberfield, Sydney, New South Wales, Australia. Metal plates for supporting the heels of footwear. 218,691; Jan. 5.
Emeott, Harry D., doing business as New Life Arch Pad Co., St. Paul, Minn. Arch pads. 223,775; Jan. 5.
Enterprise Manufacturing Company, The, Akron, Ohio. Fishing reels. 223,626; Jan. 5.
Faessler, J., Mfg. Co., The, Moberly, Mo. Flue expanders for steam boilers. 214,145; Jan. 5.
Faessler, J., Mfg. Co., The, Moberly, Mo. Boiler-tube flanges, expanders, cutters, etc. 214,147; Jan. 5.
Fahrney, Dr. Peter, & Sons Co., Chicago, Ill. Preparation for acute, relaxed, and disturbed conditions of the stomach and bowels. 218,902–9; Jan. 5.
Farmers Union Exchange, Des Moines, Iowa. Wheat flour. 203,878; Jan. 5.
Feldman, Manuel, Company, Inc., New York, N. Y. Textile and grass rugs and mats. 220,710; Jan. 5.
Ferrara Pan Confection Co., Chicago, Ill. Candy. 223,699; Jan. 5.
First National Laboratories, Inc., Lehighton, Pa. Medicinal preparation. 220,118; Jan. 5.
Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Vehicle tires. 210,897; Jan. 5.
Fitzer Company, The, Duluth, Minn. Ginger ale. 222,317; Jan. 5.
Freshie Co., Inc., The, New York, N. Y. Cold-cream-impregnated tissue. 222,606; Jan. 5.
Friedr. Herder Abr. Sohn, Solingen, Germany. Table knives and carvers, fruit, butter, and fish knives, etc. 204,448; Jan. 5.
Gammel, Karl, Cleveland, Ohio. Fruit preserves. 185,517; Jan. 5.
Garcia Mira, Pedro and Antonia, Espinardo, Murcia, Spain. Red pepper. 184,512; Jan. 5.
Gardco Paint Products Company, Chicago, Ill. Metal paint. 218,850; Jan. 5.
General Electric Company, Schenectady, N. Y. Nonmetallic gear wheels and gear-wheel blanks. 191,766; Jan. 5.
Gilbert, A. C., Company, The, New Haven, Conn. Miniature automobiles, etc. 223,635; Jan. 5.
Giolitti, A., Wahtoke, Calif. Fresh grapes. 223,636–7; Jan. 5.
Goldknopf, Abraham, New York, N. Y. Electuary candy. 222,452; Jan. 5.
Goldstein, Ben, Rochester, N. Y. Automobile and furniture polish. 222,236; Jan. 5.
Goldstein, George, doing business as Standard Food Products Co. and also as Sterling Supply Company, Brooklyn, N. Y. Malt sirup. 221,416; Jan. 5.
Goodrich, B. F., Company, The, New York, N. Y. Rubber-covered hose. 220,289; Jan. 5.
Goodrich, B. F., Company, The, New York, N. Y. Rubber-covered hose. 220,403; Jan. 5.
Gossard, H. W., Co., The, Chicago, Ill. Corsets and brassières. 217,024; Jan. 5.
Great Lakes Varnish Works, Inc., Chicago, Ill. Ready-mixed paint. 223,708–9; Jan. 5.
Hall, Hartwell & Co. Inc., Troy, N. Y. Collars and shirts. 209,917; Jan. 5.
Hance Brothers & White, Inc., Philadelphia, Pa. Antiseptic solution for the treatment of affections of the nose and throat and for defective hearing. 212,806; Jan. 5.
Hance Brothers & White, Inc., Philadelphia, Pa. Bronchial pastils. 212,807; Jan. 5.
Healthfinder Chemical Co. (See Kotrich, Joseph F.)
Hecht & Berman, New York, N. Y. Coats, suits, dresses, capes, and wraps for misses and juniors. 209,406; Jan. 5.
Hecht Company. (See Hub, The.)
Heller, L., & Son, Inc., New York, N. Y. Strings of pearls and reproductions of pearls or imitations thereof. 200,495; Jan. 5.
Herchelroth, Albon F., doing business as Sol-V-Ta Laboratory, Detroit, Mich. Salve. 222,614; Jan. 5.
Herriline Rosette Mfg. Co., Marianna, Fla. Compound for the treatment of diseases of female organs. 221,063; Jan. 5.
Hewitt, Charles, & Sons Company, Des Moines, Iowa. Canned vegetables and fruits, jams, coffee, etc. 221,256; Jan. 5.
Hickey-Freeman Co., Rochester, N. Y. Men's suits. 223,580; Jan. 5.
Hill, H. G., Stores, Inc., New Orleans, La. Butter. 218,060; Jan. 5.
Hillebrandt, Johan E., West Brighton, N. Y. Violins, mandolins, guitars, etc. 216,677; Jan. 5.
Hoos, Carl A., Liberty, N. Y. Puzzle. 222,458; Jan. 5.
Hub, The, doing business as Hecht Company, Baltimore, Md.; Washington, D. C.; and New York, N. Y. Men's coats, vests, trousers, and overcoats. 223,299; Jan. 5.
Hyde Manufacturing Company, Southbridge, Mass. Table knives, forks, and spoons, knife blades, cutting knives, etc. 218,490; Jan. 5.
Ideal Curler Co. (See McClaire, Katherine.)
Isbell-Kent-Oakes Dry Goods Company, The, Denver, Colo. Narrow elastic and ribbon. 216,046; Jan. 5.
Jaite Company, The, Jaite, Ohio. Bags for cement and other material. 222,984; Jan. 5.
Jones, Frank G., doing business as The Ohio Valley Oil Co., East Liverpool, Ohio. Gasoline and motor oils. 216,105; Jan. 5.
Kaar, Sylvan, Philadelphia, Pa. Hosiery. 223,515; Jan. 5.
Kalamazoo Pant Company. (See Rosenbaum, Sam, & Sons Company.)

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Kallile, Charles J., doing business as C. J. Kallile Perfume Co. and Victory Barber Supply Co., Toledo, Ohio. Perfumes, toilet waters, lip rouges, shampoos, etc. 222,464; Jan. 5.
Kampfenkel, Fritz, Berlin, Germany. Liniment for horses. 220,237; Jan. 5.
Karkie, Charles, Trenton, N. J. Medicinal preparation for the treatment of coughs, colds, catarrh, asthma, etc. 224,141; Jan. 5.
Kemp-Booth Company Limited, Seattle, Wash. Woolen piece goods. 221,368; Jan. 5.
Kemp-Booth Company Limited, Seattle, Wash. Woolen piece goods. 221,370; Jan. 5.
Kennison, Willis E., doing business as W. E. Kennison Co., Providence, R. I. Bracelets, necklace snaps, earrings, etc. 223,305; Jan. 5.
Keuffel & Esser Company, Hoboken, N. J. Drawing instruments. 223,523; Jan. 5.
Kibbe Brothers Company, Springfield, Mass. Gumdrops. 221,620; Jan. 5.
Kibbe Brothers Company, Springfield, Mass. Jelly candies. 221,622; Jan. 5.
King Midas Mill Company, Hastings and Minneapolis, Minn. Rye flour and wheat flour. 218,653–4; Jan. 5.
Kingdom of Italy, Rome, Italy. Snuff. 221,837; Jan. 5
Kingdom of Italy, Rome, Italy. Snuff. 221,839; Jan. 5.
Knowles, Taylor and Knowles Company, The, East Liverpool, Ohio. Dinner ware. 222,848; Jan. 5.
Kotrich, Joseph F., doing business as Healthfinder Chemical Co., Chicago, Ill. Liquid ointment for inflammations, congestion of the respiratory organs, etc. 222,510; Jan. 5.
Landreth, D., Seed Company, doing business as Penn's Manor Canning Company, Bristol, Pa. Canned vegetables. 222,040; Jan. 5.
La Prene. (See Alexander, A. M.)
La Salle Company, The, St. Paul, Minn. Face powder. 222,618; Jan. 5.
La Vallière Co., The, New Orleans, La. Face powders and creams, perfumes, hair oils, etc. 217,469; Jan. 5.
Leghorn Preserving Co., Inc., Brooklyn, N. Y. Glacé fruit, fancy grapefruit peel, pineapple cores, and cherry pieces. 222,684; Jan. 5.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Face creams, hair pomades, rouge, etc. 222,328; Jan. 5.
Lewis, Hubbard and Company, Charleston, W. Va. Canned fruits and vegetables, spices, dried beans, rice, etc. 216,615; Jan. 5.
Lindner Co'y., The, Cleveland, Ohio. Dresses. 223,480; Jan. 5.
Link-Belt Company, Chicago, Ill. Chains. 213,790; Jan. 5.
Link-Belt Company, Chicago, Ill. Chains. 213,792; Jan. 5.
Little Corporal Co., The, Chicago, Ill. Abdominal belts. 223,394; Jan. 5.
Lloyd, John R., doing business as J. R. Lloyd Company, Pittsburgh, Pa. Cake mix. 223,045; Jan. 5.
Macy, R. H., & Co., Inc., New York, N. Y. Paper patterns. 223,648; Jan. 5.
Madsen, Alfred W., Joliet, Ill. Butter. 222,622; Jan. 5.
Magnolia Petroleum Company, Dallas, Tex. Naphtha. 223,649; Jan. 5.
Magnus Imports, Ltd., New York, N. Y. Men's, women's, and boys' sweaters. 223,397; Jan. 5.
Marcotoon, Nicholas N., New York, N. Y. Preparation for removing the roughness of a collar and preserving the skin from irritation. 222,858; Jan. 5.
Marshall Field & Company, Chicago, Ill. Women's and misses' hats. 223,700; Jan. 5.
Masury-Young Company, Charlestown, Mass. Spray and floor oils, cedar spray, and wax spray. 221,756; Jan. 5.
Maydale Company. (See Saurer, Harold D.)
McClaire, Katherine, doing business as Ideal Curler Co., Not Inc., Chicago, Ill. Hair curlers. 203,478; Jan. 5.
Monteros & Co., Inc., New Orleans, La. Flint paper. 223,796; Jan. 5.
Morse, J. Watson, doing business as Morseal Roof Paint Company, Washington, D. C. Roof paint. 218,822; Jan. 5.
Morseal Roof Paint Company. (See Morse, J. Watson.)
Morton, Erni M., doing business as Morton Drug Co., Centertown, Ky. Formula containing pepsin and other medicines. 219,979; Jan. 5.
Myers, E. H., Walnut Grove, Calif. Fresh pears and plums. 223,443; Jan. 5.
National Remedy Company, Inc., New York, N. Y. Preparations for the diseases of the throat and lungs, etc. 222,475; Jan. 5.
Newcraft Sales Company, Inc., The, Boston, Mass. Machines for making and coating confections. 222,571; Jan. 5.
Newhall, H. M., & Co., San Francisco, Calif. Canned fruits, vegetables, and fish, dried vegetables, salt fish, tomato paste, and canned evaporated milk. 207,311; Jan. 5.
New Life Arch Pad Co. (See Emeott, Harry D.)
Nissle, Lon C., New York, N. Y. Evaporated mixture of cocoa, milk, and sugar. 221,024; Jan. 5.
Nitrate Agencies Company, New York, N. Y. Fertilizer. 222,476; Jan. 5.
Ohio Match Company, The, Wadsworth, Ohio. Matches. 223,590–1; Jan. 5.
Ohio Match Company, The, Wadsworth, Ohio. Matches. 223,593–5; Jan. 5.
Ohio Match Company, The, Wadsworth, Ohio. Matches. 223,597; Jan. 5.
Ohio Valley Oil Co., The. (See Jones, Frank G.)
Oppenheimer & Gross, Philadelphia, Pa. Suits and overcoats, including golf suits, etc., coats, vests, trousers. 222,939; Jan. 5.
Otis Oil Company, Inc., New York, N. Y. Lubricating oil and grease. 223,136; Jan. 5.
Panelon Underwear Company, Inc., Hamilton, Ohio. Underwear. 223,739; Jan. 5.
Pedox Produx Inc., New York, N. Y. Men's and women's boots, shoes, and slippers, shoe heels, and hosiery, top lifts, etc. 217,291; Jan. 5.
Penn's Manor Canning Company. (See Landreth, D., Seed Company.)
Phoenix Flour Mill, Evansville, Ind. Wheat flour and self-rising flour 204,832; Jan. 5.
Pick, Sydney M., New York, N. Y. Hosiery. 217,363; Jan. 5.
Polan Katz & Company, Baltimore, Md. Umbrellas with cases therefor. 221,875; Jan. 5.
"Proka" Parfumerie- und Seifenfabriks A. G., Vienna, Austria. Cosmetics. 220,037; Jan. 5.
Pure Oil Company, Columbus, Ohio. Gasoline. 223,332; Jan. 5.
Purox Company, Denver, Colo. Liquefied-gas containers. 223,546; Jan. 5.
Queen Ribbon & Carbon Co., New York, N. Y. Typewriter ribbons and carbon papers. 220,464; Jan. 5.
Ra-Dx Co., Jersey City, N. J. Soldering solution. 206,084; Jan. 5.
Rapid Addressing Machine Company, New York, N. Y. Addressing machines. 222,402; Jan. 5.
Reisch Food Products Company, Springfield, Ill. Hopped malt extract, malt extract, and malt sirup. 221,380–1; Jan. 5.
Rekar, Jay J., doing business as De Luxe Lamp Mfg. Co., assignor to De Luxe Lamp Mfg. Co., Los Angeles, Calif. Medical and surgical lamps. 203,749; Jan. 5.
Rhodes, Carl E., Maurertown, Va. Fresh apples. 215,707; Jan. 5.
Rimmel, Eugene, Limited, London, England. Perfumed soap. 223,140; Jan. 5.
Robitshek-Robbins Co., Minneapolis, Minn. Fur coats for men. 222,944; Jan. 5.
Rockwood Hosiery Company. (See Sacks, Harry M.)
Rosenbaum, Sam, & Sons Company, doing business as Kalamazoo Pant Company, Kalamazoo, Mich. Boys' trousers. 221,568; Jan. 5.
Sacks, Harry M., doing business as Rockwood Hosiery Company, Philadelphia, Pa. Hosiery. 223,142; Jan. 5.
Samson, Meyer, doing business as The Samson Laboratories, Philadelphia, Pa. Receptacles for transportation of laboratory specimens or samples. 222,582; Jan. 5.
Saurer, Harold D., doing business as Maydale Company, Normal, Ill. Face powders and creams, skin lotions, hair oils, etc. 221,776; Jan. 5.
Savas, Alex., Milwaukee, Wis. Eye lotion and salve. 221,207; Jan. 5.
Schnefer, Lenora L., Chicago, Ill. Massage cream, face powder, hair tonic, etc. 216,483; Jan. 5.
Scheidt, Adam, Brewing Co., Norristown, Pa. Beverages made from malt. 204,725; Jan. 5.
Schlereth, William, Baltimore, Md., also doing business as Catar-Go Chem. Co., Brooklyn, N. Y. Preparation for the treatment of catarrh and ailments of the respiratory and other organs. 223,974; Jan. 5.
Schoenhut, A., Company, The, Philadelphia, Pa. Quoits. 223,337; Jan. 5.
Scholl Manufacturing Company, Inc., Chicago, Ill. Arch supports. 223,551; Jan. 5.
Scholl Manufacturing Company, Inc., Chicago, Ill. Metatarsal pads and ankle supports. 223,552; Jan. 5.
Schulder, A., & Sons, New York, N. Y. Sewing-machine needles. 221,853; Jan. 5.
Schulze, Paul, Biscuit Co., Chicago, Ill. Cookies, cakes, and wafers. 222,949–50; Jan. 5.
Schulze, Paul, Biscuit Co., Chicago, Ill. Crackers. 222,951; Jan. 5.
Sherman, Isidor, doing business as A. K. Manufacturing Co., New York, N. Y. Leather dye. 222,195; Jan. 5.
Shoaf-Sink Hosiery Mill Company, Lexington, N. C. Hosiery. 223,417; Jan. 5.
Simpson, W. Earl, St. Clairsville, Ohio. Dog medicines. 222,346; Jan. 5.
Smith-Alsop Paint and Varnish Company, Terre Haute, Ind. Brushing lacquer. 223,201; Jan. 5.
Smith, Kirkpatrick & Co., Inc., New York, N. Y. Hosiery. 223,746; Jan. 5.
Smith-McCord-Townsend Dry Goods Company, Kansas City, Mo. Sheeting, sheets, pillowcases, and pillow tubing. 221,139; Jan. 5.
Sol-V-Ta Laborstory. (See Herchelroth, Albon F.)

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Sorbo Rubber-Sponge Products Ltd., Woking, England. Flesh gloves, massage pads, crutch pads, and truss pads. 137,552; Jan. 5.

Squibb, E. R., & Sons, New York, N. Y. Aqueous suspension of magnesium hydroxide. 205,962; Jan. 5.

Standard Food Products Co. (See Goldstein, George.)

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Petroleum wax. 223,749; Jan. 5.

Standard Thread Company, New York, N. Y. Thread. 221,922; Jan. 5.

Standard Thread Company, New York, N. Y. Thread. 221,926; Jan. 5.

Standard Thread Company, New York, N. Y. Thread. 221,929; Jan. 5.

Standard Thread Company, New York, N. Y. Thread. 221932; Jan. 5.

Sterling Supply Company. (See Goldstein, George.)

Stern, David, Brooklyn, N. Y. Bread. 222,885; Jan. 5.

Stern, Morton F., New York, N. Y. Cotton fabrics in the piece. 212,652; Jan. 5.

Stewart-Warner Radio Company, Bronx, N. Y. Complete radio receiving sets, etc. 207,413; Jan. 5.

Sullivan Machinery Company, Boston, Mass., and Chicago, Ill. Substitute for diamond in industrial use. 223,555; Jan. 5.

Super Maid Cook-Ware Corporation, Chicago, Ill. Cooking utensils. 213,410; Jan. 5.

Sutter Co-Operative Growers, San Francisco, Calif. Canned peaches. 219,017; Jan. 5.

Sweet, Arthur E., New York, N. Y. Electric cookers and bakers. 222,804; Jan. 5.

Sweets Company of America, Incorporated, The, New York, N. Y. Candy. 218,583; Jan. 5.

Tide Water Oil Company, Bayonne, N. J., and New York, N. Y. Lubricating grease. 224,061; Jan. 5.

Tidioute Refining Company, Tidioute, Pa. Gasoline, naphtha, benzine, axle greases, etc. 222,289; Jan. 5.

Toy Goods Vehicle Corporation, New York, N. Y. Toy carts. 221,935; Jan. 5.

Trimont Manufacturing Company Incorporated, Boston, Mass. Monkey wrenches, chain wrenches, pipe cutters, etc. 221,936; Jan. 5.

Twinplex Sales Company, St. Louis, Mo. Shaving cream or soap. 223,947; Jan. 5.

Upjohn Company, The, Kalamazoo, Mich. Medicine for malaria. 222,419; Jan. 5.

Valley Electric Company, Wilmington, Del., and St. Louis, Mo. Radio receiving sets. 222,891; Jan. 5.

Venus Brassiere Co., Chicago, Ill. Corsets, brassières, girdles, and bandeaux. 223,754–5; Jan. 5.

Venus Brassiere Co., Chicago, Ill. Corsets, brassières, girdles, and bandeaux. 223,878; Jan. 5.

Victory Barber Supply Co. (See Kallile, Charles J.)

Weingarten Bros., New York, N. Y. Underwear, brassières, and combination brassière and corset, etc. 222,770; Jan. 5.

Welch, Holme & Clark Company, Newark, N. J., and New York, N. Y. Cottonseed oil used as a cooking oil. 221,040; Jan. 5.

Western Cartridge Company, East Alton, Ill. Target traps and targets. 222,899; Jan. 5.

Westphal, Paul, New York, N. Y. Liquid for treating the hair, toilet waters, hair dyes, etc. 223,349; Jan. 5.

White, George S., Los Angeles, Calif. Automatic circuit make and break devices. 222,902; Jan. 5.

White Rose Manufacturing Co., Los Angeles, Calif. Liquid clothes cleaner. 224,063; Jan. 5.

Whitman, Stephen F., & Son, Inc., Philadelphia, Pa. Candy. 207,427; Jan. 5.

Whyman, R. O., and Company, Chicago, Ill. Fruit cakes. 223,613; Jan. 5.

Wieder Bros., Inc., New York, N. Y. Ladies' hats. 223,829; Jan. 5.

Williams, R. C., & Co., Inc., New York, N. Y. Cigars. 223,265; Jan. 5.

Wilson, Andrew, Incorporated, Springfield, N. J. Insecticides. 207,279; Jan. 5.

Wilson-Western Sporting Goods Company, Chicago, Ill. Basket-ball goals. 223,351; Jan. 5.

Winthrop Chemical Company, Inc., New York, N. Y. Cough sedative and expectorant. 223,266; Jan. 5.

Wizard Lightfoot Appliance Company, St. Louis, Mo. Corn pads, rubber heel liners and bunion shields. 217,124; Jan. 5.

Wood, Josephine A., Los Angeles, Calif. Liquid tonic in the treatment of diseases from malaria, poultry remedy, etc. 201,273; Jan. 5.

Woodward-Wanger Company, Philadelphia, Pa. Bib and faucet washers. 217,909; Jan. 5.

Woolson Spice Company, Toledo, Ohio. Coffee, tea, and spices. 221,794; Jan. 5.

Wyant Way Inc., New York, N. Y. Knitted and textile underwear, lingerie, dresses, and suits for women. 221,865; Jan. 5.

Wyner, I. A., & Co., Inc., New York, N. Y. Silk and wool knitted fabric in the piece. 221,526; Jan. 5.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Seeds and bulbs, Garden, trucking, and flower. George Tait & Sons. 51,052; renewed Apr. 3, 1926.

Shellac varnish and gum shellac. Rogers & Pyatt, Inc. 45,614; renewed Aug. 22, 1925.

CLASS 2.

Cartons, Cardboard. Stemar Displays Co. 207,460; Jan. 5; Serial No. 212,838; published Oct. 20, 1925.

Chests and candy boxes, Miniature cedar. F. W. Lauer. 207,486; Jan. 5; Serial No. 218,314; published Oct. 20, 1925.

Containers, Shipping. A. C. Scott. 207,469; Jan. 5; Serial No. 214,505; published Oct. 20, 1925.

Thermally-insulated receptacle. R. W. Mudge. 207,478; Jan. 5; Serial No. 213,314; published Oct. 20, 1925.

CLASS 3.

Horse collars. A. Germundson. 207,489; Jan. 5; Serial No. 218,120; published Oct. 20, 1925.

Horseshoes. Phoenix Horse Shoe Company. 207,527; Jan. 5; Serial No. 210,923; published Oct. 20, 1925.

Luggage. Lifton Mfg. Co. 207,487; Jan. 5; Serial No. 218,263; published Oct. 27, 1925.

CLASS 4.

Abrasive papers and abrasive cloth. American Glue Company. 207,657; Jan. 5; Serial No. 219,651; published Oct. 20, 1925.

Borax and a double salt of trisodium phosphate and sodium metaborate used for cleaning, etc., Mixture of. American Trona Corporation. 207,611; Jan. 5; Serial No. 218,681; published Oct. 20, 1925.

Cleaning and polishing compound. B. Heller & Company. 207,541; Jan. 5; Serial No. 202,450; published Oct. 13, 1925.

Cleaning and polishing compounds for gold, silver, etc. Silver Suds Manufacturing Company. 207,518; Jan. 5; Serial No. 217,184; published Oct. 6, 1925.

Cleaning composition, Dry-. C. Peterson. 207,472; Jan. 5; Serial No. 214,177; published Oct. 6, 1925.

Cleaning preparation. North Metal & Chemical Co. 207,607; Jan. 5; Serial No. 219,041; published Oct. 20, 1925.

Cleanser or cleaning, scouring, or washing powder. Wm. Schield Mfg. Co. 207,580; Jan. 5; Serial No. 218,336; published Oct. 20, 1925.

Composition for use as a dressing for articles of rubber, leather, etc. Jaeger Chemical Company. 207,637; Jan. 5; Serial No. 218,126; published Oct. 27, 1925.

Metal and nickel polish, hand soap, etc. Livingston Co. 207,647; Jan. 5; Serial No. 214,024; published Oct. 27, 1925.

Paraffin wax and harness oil. Standard Oil Company (New Jersey) 207,675; Jan. 5; Serial No. 214,511; published Oct. 13, 1925.

Polish, Metal and glass. A. B. D. Champagne. 207,533; Jan. 5; Serial No. 192,066; published May 19, 1925.

Preparation of tripoli used as metal polishers, etc. F. P. Weller. 207,646; Jan. 5; Serial No. 214,937; published Oct. 20, 1925.

Preparation used as a cleaner. Cleanser Products Company. 207,511; Jan. 5; Serial No. 216,711; published Oct. 6, 1925.

Shaving cream. William A. Webster Company. 207,554; Jan. 5; Serial No. 199,511; published Oct. 6, 1925.

Shaving creams and skin soap. J. R. Watkins Company. 207,525; Jan. 5; Serial No. 207,903; published Oct. 6, 1925.

Soap. Kendall Mfg. Co. 50,879; renewed Apr. 3, 1926.

Soap. Los Angeles Soap Company. 207,464; Jan. 5; Serial No. 215,075; published Oct. 6, 1925.

Soap. Los Angeles Soap Company. 207,630; Jan. 5; Serial No. 198,654; published Oct. 20, 1925.

Soap. "Ofome" Company. 207,581; Jan. 5; Serial No. 218,320; published Oct. 20, 1925.

Soap. W. T. Grant Company. 207,599; Jan. 5; Serial No. 219,179; published Oct. 20, 1925.

Soap flakes. Gold Dust Corporation. 207,654–5; Jan. 5; Serial Nos. 219,738–9; published Oct. 20, 1925.

Soap, Laundry and toilet. Grand Union Tea Company. 52,300; renewed May 8, 1926.

Soap, Toilet and laundry. Haskins Bros. & Co. 50,903; renewed Apr. 3, 1926.

Soaps. T. L. Cummings. 207,628; Jan. 5; Serial No. 213,009; published Oct. 20, 1925.

Soaps. New Mix Products, Inc. 207,652; Jan. 5; Serial No. 219,981; published Oct. 20, 1925.

Soaps. Newton, Chambers & Company. 207,490; Jan. 5; Serial No. 218,016; published Oct. 6, 1925.

Soaps. S. S. Pierce Co. 207,503; Jan. 5; Serial No. 216,636; published Oct. 6, 1925.

Soaps and powders for treating textiles and leather. Chemische Fabrik Pott & Co. 207,631; Jan. 5; Serial No. 196,432; published Oct. 20, 1925.

Soaps and shaving-soap sticks, paste, and powder. H. & G. Klotz. 207,569; Jan. 5; Serial No. 216,413; published Oct. 6, 1925.

Soaps, Toilet. L. T. Piver, Inc. 207,650; Jan. 5; Serial No. 219,603; published Oct. 20, 1925.

Soaps, Toilet. Plough Chemical Company. 207,532; Jan. 5; Serial No. 187,589; published Aug. 18, 1925.

Soaps, Toilet, medicinal, and shaving. J. R. Watkins Company. 207,667; Jan. 5; Serial No. 219,360; published Oct. 20, 1925.

Soaps, washing powders, and soap powders. Röhm & Haas Aktiengesellschaft. 207,520; Jan. 5; Serial No. 212,751; published Oct. 6, 1925.

Sweeping compound. Floor-. Co-Mo Manufacturing Company. 207,506; Jan. 5; Serial No. 217,007; published Oct. 6, 1925.

CLASS 5.

Cement, Liquid. W. S. Zeller. 207,499; Jan. 5; Serial No. 218,835; published Oct. 27, 1925.

CLASS 6.

Antiseptic. Rheinania Verein Chemischer Fabriken Aktien-Gesellschaft. 207,455; Jan. 5; Serial No. 215,876; published Oct. 6, 1925.

Antiseptic and germicidal preparations. A. D. Barr. 207,463; Jan. 5; Serial No. 215,677; published Oct. 6, 1925.

Antiseptic for local and internal use. H. K. Mulford Company. 51,646; renewed Apr. 17, 1926.

Antiseptic preparation for the treatment of sores, burns, etc. F. W. Brock. 207,504; Jan. 5; Serial No. 216,583; published Oct. 6, 1925.

Antiseptics or germicides. J. F. Ballard. 53,196–7; renewed May 29, 1926.

Antiseptics or germidices. Lloyd Brothers. 50,519; renewed Mar. 20, 1926.

Baking powder. Grand Union Tea Co. 52,325; renewed May 8, 1926.

Beeswax, paraffin wax, spermaceti, etc. Strahl & Pitsch. 207,487; Jan. 5; Serial No. 216,749; published Oct. 6, 1925.

Calcium carbide. Federal Carbide Co. 207,616; Jan. 5; Serial No. 218,545; published Oct. 27, 1925.

Capsules, Filled gelatin. J. R. Planten. 51,355–6; renewed Apr. 10, 1926.

Cement and antifreeze compounds for radiators. Radiator-sealing. Central Laboratories Co. 207,501; Jan. 5; Serial No. 218,607; published Oct. 6, 1925.

Chemical compound of guaiacol. E. Gilbert. 207,615; Jan. 5; Serial No. 218,548; published Oct. 27, 1925.

Chemical compounds. Bird-Archer Company. 50,995; renewed Apr. 3, 1926.

Chemical products to be added to motor fuels to prevent the motor from knocking. Badische Anilin- & Soda-Fabrik. 207,462; Jan. 5; Serial No. 215,960; published Oct. 27, 1925.

Chemicals for destroying vermin and for exterminating pests, disinfectants, and vermin exterminants. Deutsche Gesellschaft für Schädlingsbekämpfung m. b. H. 207,452–3; Jan. 5; Serial Nos. 216,508–10; published Oct. 6, 1925.

Chlorine gas. Vessel containing a charge of. Richard & Price. 207,545; Jan. 5; Serial No. 207,829; published May 5, 1925.

Cod-liver-extract compound. H. K. Mulford Company. 207,663; Jan. 5; Serial No. 219,443; published Oct. 13, 1925.

Cod-liver oil. Waterbury Chemical Company. 49,086; renewed Jan. 23, 1926.

Compound for the treatment of rheumatism and syphilis. Ng Gee Herb Co. 207,558; Jan. 5; Serial No. 217,477; published Oct. 27, 1925.

Cordial, Bitter. L. E. Jung. 47,486; renewed Nov. 7, 1925.

Cosmetics and toilet preparations. Fries & Fries Co. 207,505; Jan. 5; Serial No. 216,971; published Oct. 27, 1925.

Cream, hair tonic, shampoo, etc., Face. H. F. Remington. 207,493; Jan. 5; Serial No. 216,476; published Oct. 27, 1925.

Digestant, aperient, and adjuvant. H. K. Mulford Company. 207,664; Jan. 5; Serial No. 219,442; published Oct. 13, 1926.

Disinfectant, cleansing, and bleaching agent. Pennsylvania Salt Manufacturing Company. 207,661; Jan. 5; Serial No. 219,554; published Oct. 13, 1925.

Disinfectants, insecticides, etc. Actien-Gesellschaft für Anilin-Fabrikation. 207,677; Jan. 5; Serial No. 213,877; published Oct. 6, 1925.

Dye for leather. Grimm Manufacturing Co. 207,523; Jan. 5; Serial No. 205,117; published Oct. 27, 1925.

Escharotics. Lloyd Brothers. 50,516; renewed Mar. 20, 1926.

Extract, Chestnut-oak. C. A. Spencer. 52,255; renewed May 1, 1926.

Gall cure. Dr. Hess & Clark. 51,559; renewed Apr. 17, 1926.

Germicide and antiseptic compound. J. F. Ballard. 53,239; renewed May 29, 1926.

Hair-color restorer. J. E. Carter. 207,456; Jan. 5; Serial No. 215,847; published Oct. 6, 1925.

Hairdressing. C. V. Dorman. 52,806; renewed May 15, 1926.

Hairdressings. Boyd Manufacturing Company. 207,598; Jan. 5; Serial No. 219,222; published Oct. 13, 1925.

Insect killer or exterminator. Dr. Hess & Clark. 52,175; renewed May 1, 1926.

Insecticide, Tree paint for use as an. J. A. Pyle. 207,595; Jan. 5; Serial No. 217,530; published Oct. 27, 1925.

Insecticides. Pfeiffer Insecticide Company. 207,530; Jan. 5; Serial No. 211,867; published Aug. 11, 1925.

Laxative. H. D. Kuhn. 207,457; Jan. 5; Serial No. 214,668; published Oct. 6, 1925.

Laxative. Oceans Products Company. 207,479; Jan. 5; Serial No. 218,570; published Oct. 6, 1925.

Laxative. Wakewell Products Company. 207,726; Jan. 5.

Liniment. Minard's Liniment Manufacturing Company. 52,210; renewed May 1, 1926.

Liniment for rheumatism. R. M. & J. J. Murphy. 207,450; Jan. 5; Serial No. 216,793; published Oct. 27, 1925.

Lotions for affections of the skin. E. Palmer. 51,944; renewed Apr. 24, 1926.

Lozenges and throat tablets, Bronchial. Frog in Your Throat Co. 50,271; renewed Jan. 30, 1926.

Lye and chlorinated lime. P. C. Tomson & Co. 207,505; Jan. 5; Serial No. 216,571; published Oct. 6, 1925.

Medical compound. S. H. E. Hayden. 48,441; renewed Dec. 26, 1925.

Medical compound. S. H. E. Hayden. 49,564; renewed Feb. 13, 1926.

Medicinal preparation for the removal of corns, calli, warts, etc. S. Pfeiffer Mfg. Co. 207,706; Jan. 5; Serial No. 219,600; published Oct. 27, 1925.

Medicinal preparation used in the treatment of the feet. E. B. Jacobi. 207,571; Jan. 5; Serial No. 215,747; published Oct. 27, 1925.

Medicinal, restorative, and regulative compounds. J. H. Schenck. 51,622; renewed Apr. 17, 1926.

Medicine. Geer Drug Company. 47,344; renewed Oct. 31, 1925.

Medicine for blood and skin diseases. H. E. Storey. 207,546; Jan. 5; Serial No. 207,898; published Mar. 17, 1925.

Medicine for debility, rheumatism, etc. S. Sapleha. 207,662; Jan. 5; Serial No. 219,453; published Oct. 13, 1925.

Medicine for the cure of liver and kidney diseases. Thompson Medical Company. 50,801; renewed Mar. 27, 1926.

Milk protein preparation. Troponwerke Dinklage & Co. 207,474; Jan. 5; Serial No. 214,107; published Oct. 27, 1925.

Mouth wash. O. A. Johnson. 207,711; Jan. 5; Serial No. 219,632; published Oct. 27, 1925.

Nitrous oxide gas and alcohol. Certified Laboratory Products Inc. 207,524; Jan. 5; Serial No. 205,742; published Oct. 27, 1925.

Oil, Flavored cod-liver. E. L. Patch Company. 207,668; Jan. 5; Serial No. 219,347; published Oct. 13, 1925.

Oil, Medicinal mineral. Smith, Kline & French Company. 207,660; Jan. 5; Serial No. 219,558; published Oct. 13, 1925.

Ointment. Dandruff. C. Blum. 207,576; Jan. 5; Serial No. 214,777; published Aug. 11, 1925.

Ointments. Foster-Milburn Co. 50,929; renewed Apr. 3, 1926.

Perfume and incense. Halstead Specialties Co. 207,561; Jan. 5; Serial No. 217,273; published Oct. 6, 1925.

Perfume, toilet water, face powder, etc. Houbigant, Inc. 207,708–10; Jan. 5; Serial Nos. 219,627–9; published Oct. 27, 1925.

Perfume, toilet water, sachet, etc. Houbigant, Inc. 207,713; Jan. 5; Serial No. 219,630; published Oct. 27, 1925.

Perfumery, "Proka" Parfümerie- und Seifenfabriks A. G. 207,471; Jan. 5; Serial No. 214,178; published Oct. 27, 1925.

Perfumes. J. B. Hayward. 207,553; Jan. 5; Serial No. 200,557; published Oct. 27, 1925.

Perfumes and hygienic products. Franklin Simon & Co. 207,519; Jan. 5; Serial No. 212,802; published Oct. 27, 1925.

Perfumes, extracts, essences, etc. E. Palmer. 51,943; renewed Apr. 24, 1926.

Perfumes, powders, etc. L. T. Piver, Inc. 207,707; Jan. 5; Serial No. 219,602; published Oct. 27, 1925.

Perfumes, toilet waters, face lotions, etc. Parfumerie Internationale Corday. 207,555; Jan. 5; Serial No. 194,470; published Oct. 6, 1925.

Perfumes, toilet waters, face lotions, etc. Parfumerie Internationale Corday. 207,556; Jan. 5; Serial No. 194,467; published Oct. 6, 1925.

Perfumes, toilet waters, face lotions, etc. Parfumerie Internationale Corday. 207,696; Jan. 5; Serial No. 194,465; published Oct. 6, 1925.

Perfumes, toilet waters, face creams, etc. Parfumerie Rigaud, Inc. 207,447; Jan. 5; Serial No. 219,259; published Oct. 13, 1925.

Pharmaceutical preparations. Lloyd Brothers. 50,518; renewed Mar. 20, 1926.
Pharmaceutical product. Société Anonyme Laboratoire de Physiologie du Puits d'Angle. 207,695; Jan. 5; Serial No. 190,710; published Oct. 27, 1929.
Photographic materials. C. R. La Roe. 207,473; Jan. 5; published Oct. 13, 1925.
Potash, lye, and caustic soda. A. Mendleson's Sons. 50,792; renewed Mar. 27, 1926.
Powder and cold cream, Talcum. American Products Company. 207,566; Jan. 5; Serial No. 216,961; published Oct. 6, 1925.
Powder, Foot-perspiration. M. Frycz. 207,666; Jan. 5; Serial No. 219,389; published Oct. 13, 1925.
Powder for killing vermin and disinfecting. Dr. Hess & Clark. 51,560; renewed Apr. 17, 1926.
Powders, creams, and packs, toilet waters, rouges, etc., Face. Kip-So Products Co. 207,597; Jan. 5; Serial No. 219,287; published Oct. 13, 1925.
Powders, creams, and packs, toilet waters, rouges, etc., Face. S. H. Kress & Co. 207,674; Jan. 5; Serial No. 219,289; published Oct. 13, 1925.
Powders, creams, and packs, toilet waters, rouges, etc., Face. Vivi, Inc. 207,444; Jan. 5; Serial No. 219,262; published Oct. 13, 1925.
Powders, eye and skin lotions, etc., Headache. E. Gorodess. 207,461; Jan. 5; Serial No. 216,333; published Oct. 27, 1925.
Powders, Perfumed. E. Palmer. 51,907; renewed Apr. 24, 1926.
Preparation for stopping leaks in radiators. Jiffy Manufacturing Company. 207,712; Jan. 5; Serial No. 219,631; published Oct. 27, 1925.
Preparation for the cure of rheumatism, Liquid. B. T. Davis. 51,635; renewed Apr. 17, 1926.
Remedies for diseases of the stomach and bowels. Sultan Drug Co. 47,817; renewed Nov. 21, 1925.
Remedies for headaches, Internal. G. Van Antwerp & Son. 51,673; renewed Apr. 17, 1926.
Remedies for internal use. Chester Kent & Co. 52,715; renewed May 15, 1926.
Remedies for skin and scalp diseases. O. J. Hartwig. 51,348; renewed Apr. 10, 1926.
Remedy, Digestive. J. Holland. 207,470; Jan. 5; Serial No. 214,480; published Oct. 6, 1925.
Remedy for certain named diseases. G. C. Hanford Manufacturing Co. 51,073; renewed Apr. 3, 1926.
Remedy for seasickness. Mothersill Remedy Company. 207,510; Jan. 5; Serial No. 216,740; published Oct. 6, 1925.
Remedy, Stock. J. B. Knoblock. 207,676; Jan. 5; Serial No. 213,977; published Oct. 27, 1925.
Salt. Schloss & Kahn Grocery Co. 207,502; Jan. 5; 218,668; published Oct. 6, 1925.
Salt, Table and dairy. Colonial Salt Company. 47,770–1; renewed Nov. 21, 1925.
Salt, Table and dairy. Colonial Salt Company. 47,773; renewed Nov. 21, 1925.
Salve. Mrs. J. E. Hutcheson and Miss Miller Hutcheson. 207,495; Jan. 5; Serial No. 216,303; published Oct. 6, 1925.
Sarsaparilla. Lanman & Kemp. 52,456; renewed May 8, 1926.
Shampoo. M. C. Renean. 207,673; Jan. 5; Serial No. 219,305; published Oct. 13, 1925.
Sodium hyposulphate, sodium carbonate, etc. A. R Maas. 207,552; Jan. 5; Serial No. 204,462; published Oct. 20, 1925.
Solution, Flesh-reducing. Wilson's Everlasting Flesh Reducing Method. 207,741; Jan. 5.
Starch and blue for laundry purposes, perfumery, dentifrices, etc. Newton, Chambers and Co. 207,572; Jan. 5; Serial No. 215,528; published Oct. 27, 1925.
Sterile serum salt. Reinschild Chemical Co. 207,531; Jan. 5; Serial No. 212,036; published Oct. 27, 1925.
Tablets, Laxative cathartic. Swift Specific Company 207,596; Jan. 5; Serial No. 217,485; published Sept. 22, 1925.
Talcum and face powders, bath salts, cold creams, etc. Franklin Simon & Co. 207,477; Jan. 5; Serial No. 213,494; published Oct. 27, 1925.
Tonic and laxative, General. C. R. Spicer. 207,451; Jan. 5; Serial No. 216,799; published Oct. 13, 1925.
Water-softening materials. Ward-Love Pump Corporation. 207,500; Jan. 5; Serial No. 218,675; published Oct. 6, 1925.
Worm powder. Dr. Hess & Clark. 50,235; renewed Mar. 6, 1926.

CLASS 7.

Cord, clotheslines, and rope, Sash. Williams-Ansehl Company. 207,547; Jan. 5; Serial No. 208,087; published Mar. 10, 1925.
Rope. Columbian Rope Company. 50,586; renewed Mar. 27, 1926.

CLASS 8.

Pipes. Safety Pipe, Inc. 207,723; Jan. 5.

CLASS 10.

Fertilizer. Redd Chemical & Nitrate Co. 207,526; Jan. 5; Serial No. 210,405; published Sept. 15, 1925.
Fertilizers. American Agricultural Chemical Co. 52,391; renewed May 8, 1926.

CLASS 13.

Casings, Shrink-head. Gathmann Engineering Company. 207,605; Jan. 5; Serial No. 219,068; published Oct. 20, 1925.
Coffee urns, steam tables, food warmers, etc. Star Metal Mfg. Co. 207,609; Jan. 5; Serial No. 218,932; published Oct. 20, 1925.
Cooking utensils, Enameled. J. A. Williams & Company. 207,562; Jan. 5; Serial No. 217,238; published Oct. 20, 1925.
Driving chains. Hans Renold Limited. 207,680; Jan. 5; Serial No. 212,043; published Oct. 20, 1925.
Nails, Wire. Charles F. Baker & Co. 49,090; renewed Jan. 23, 1926.
Pots, kettles, teakettles, pans, skillets, etc. Wagner Manufacturing Company. 207,738; Jan. 5.
Tire chains. Hoff Metal Products Company. 207,743; Jan. 5.
Toilet seats. Albright Manufacturing Company. 207,594; Jan. 5; Serial No. 217,596; published Oct. 20, 1925.
Washers and nut locks, Lock. National Lock Washer Company. 52,366; renewed May 8, 1926.

CLASS 14.

Babbitt metal and antifriction and bearing metals. John Finn Metal Works. 50,817–18; renewed Apr. 3, 1926.
Iron and steel, Rolled. M. Brown. 207,692; Jan. 5; Serial No. 211,403; published June 23, 1925.
Metals, Antifriction and bearing. John Finn Metal Works. 50,819; renewed Apr. 3, 1926.
Steel and steel bars, rods, and sheets, Tool. Hawkridge Bros. 50,932; renewed Apr. 3, 1926.

CLASS 15.

Grease, Lubricating. Adam Cook's Sons. 52,007; renewed May 1, 1926.

CLASS 16.

Polish for automobiles. A. Booser. 207,727; Jan. 5.
Stains or finishes. Pratt & Lambert. 46,525; renewed Sept. 26, 1925.
Varnishes, finishes, japans, and fillers. Chas. H. Gillespie & Sons. 51,263; renewed Apr. 10, 1926.

CLASS 17.

Cigarettes. F. C. Hitch. 207,496; Jan. 5; Serial No. 219,626; published Oct. 27, 1925.
Cigarettes. L. Mosquera. 207,466; Jan. 5; Serial No. 215,264; published Oct. 20, 1925.
Cigars. Deisel-Wemmer Co. 51,417; renewed Apr. 17, 1926.
Cigars. E. H. Gato Cigar Company. 51,225; renewed Apr. 10, 1926.
Cigars. Waitt & Bond, Inc. 207,483–5; Jan. 5; Serial Nos. 218,382–4; published Oct. 20, 1925.
Cigars. D. J. Weinreich. 207,491; Jan. 5; Serial No. 217,842; published Oct. 20, 1925.
Cigars, cigarettes, and smoking tobacco. Carl Henry Incorporated. 207,492; Jan. 5; Serial No. 216,534; published Oct. 20, 1925.

CLASS 19.

Bicycles. H. Keidel. 51,353; renewed Apr. 10, 1926.
Carriages. H. H. Babcock Company. 50,811; renewed Apr. 3, 1926.
Carts, Hand. F. J. Aubuef Co., Inc. 207,680; Jan. 5; Serial No. 213,545; published Aug. 4, 1925.

CLASS 20.

Oilcloth, shelf coverings, and decorative oilcloth, Table. Standard Textile Products Company. 207,725; Jan. 5.

CLASS 22.

Balls, bats, tennis rackets, and golf clubs. P. Goldsmith Sons Company. 207,481–2; Jan. 5; Serial Nos. 218,406–7; published Oct. 20, 1925.
Bats, Baseball. Hillerich & Bradsby Co. 207,480; Jan. 5; Serial No. 218,486; published Oct. 20, 1925.
Coaster wagons, scooters, play cars, etc. Hunt, Helm, Ferris & Co. 207,459; Jan. 5; Serial No. 215,981; published Oct. 20, 1925.
Exercising apparatus. L. Frankenfeld. 207,468; Jan. 5; Serial No. 214,721; published Oct. 20, 1925.
Fishing rods. Horrocks-Ibbotson Co. 207,497; Jan. 5; Serial No. 219,586; published Oct. 27, 1925.
Fishing tackle. F. E. Chester Mfg. Co. 207,441; Jan. 5; Serial No. 219,877; published Oct. 27, 1925.
Floats or rafts and accessories thereof. United States Rubber Company. 207,509; Jan. 5; Serial No. 216,806; published Oct. 20, 1925.
Game. J. W. Franz. 207,475; Jan. 5; Serial No. 214,070; published Oct. 20, 1925.
Game board. Diamant Tool & Mfg. Co. 207,508; Jan. 5; Serial No. 216,888; published Oct. 20, 1925.
Game, Board. S. B. Reeder. 207,440; Jan. 5; Serial No. 219,911; published Oct. 27, 1925.
Golf clubs. Crawford, McGregor and Canby Company. 207,438; Jan. 5; Serial No. 220,112; published Oct. 27, 1925.
Golf clubs, Shafts for. Burke Golf Company. 207,488; Jan. 5; Serial No. 218,161; published Oct. 20, 1925.

Railroads, Miniature. American Flyer Mfg. Co. 207,439; Jan. 5; Serial No. 220,100; published Oct. 27, 1925.
Toy wagons. Hunt, Helm, Ferris & Co. 207,516; Jan. 5; Serial No. 217,618; published Oct. 20, 1925.

CLASS 23.

Augers and bits, bearings, chisels, etc. Samuel Harris & Co. 207,732; Jan. 5.
Blades or knives, Machine. Loring Coes & Company. 48,442; renewed Dec. 26, 1925.
Brakers, Percussive concrete or pavement. Sullivan Machinery Company. 207,733; Jan. 5.
Cake decorators. De Luxe Cake Decorator Company. 207,591; Jan. 5; Serial No. 217,864; published Oct. 20, 1925.
Clippers, Hair. Brown & Sharpe Manufacturing Company. 48,448; renewed Jan. 2, 1926.
Engines and steam pumps. Steam pumping. Wheeler Condenser & Engineering Co. 50,403; renewed Mar. 13, 1926.
Fans, pumps, blowers, etc., Centrifugal. American Blower Company. 207,687; Jan. 5; Serial No. 212,773; published Oct. 20, 1925.
Hoes. H. Keidel. 51,797; renewed Apr. 24, 1926.
Knives, Machine. Loring Coes & Company. 48,208; renewed Dec. 19, 1925.
Lathes. Vandyck Churchill Company. 52,387; renewed May 8, 1926.
Mop wringers. Eagle Woodenware Manufacturing Company. 207,548; Jan. 5; Serial No. 208,285; published Oct. 20, 1925.
Mufflers. Maxim Silencer Company. 207,740; Jan. 5.
Pumps, Diaphragm. A. S. Marlow. 207,549; Jan. 5; Serial No. 208,918; published Sept. 1, 1925.
Pumps, Piston well. Red Jacket Manufacturing Company. 52,372; renewed May 8, 1926.
Razors. H. Keidel. 51,992; renewed May 1, 1926.
Sawing machines, metal-punching machines, metal-shearing machines, etc. Armstrong-Blum Manufacturing Company. 207,685; Jan. 5; Serial No. 212,990; published Oct. 20, 1925.
Sewing-machine stands and their parts and attachments. Singer Manufacturing Company. 49,601; renewed Feb. 13, 1926.
Sewing machines. Singer Manufacturing Company. 49,599–600; renewed Feb. 13, 1926.
Sewing machines. Singer Manufacturing Company. 49,602–5; renewed Feb. 13, 1926.
Shovels. Wood Shovel and Tool Company. 207,512; Jan. 5; Serial No. 216,660; published Oct. 13, 1925.
Wood-planing machines. Oliver Machinery Co. 207,656; Jan. 5; Serial No. 219,682; published Oct. 20, 1925.
Wrenches. L. Stark. 207,729; Jan. 5.

CLASS 25.

Locks, W-H Keyless Lock Company. 207,604; Jan. 5; Serial No. 219,095; published Oct. 20, 1925.
Radiator caps, Locking. Motor Equipment Manufacturers, Inc. 207,540; Jan. 5; Serial No. 201,933; published Oct. 20, 1925.

CLASS 26.

Compasses, patterns, rules, levels, etc. Mauser-Werke Aktiengesellschaft. 207,574; Jan. 5; Serial No. 215,161; published Oct. 20, 1925.
Hardness-tester penetrators. Wilson-Maenlen Co. 207,586; Jan. 5; Serial No. 218,148; published Oct. 20, 1925.
Indicating and recording instruments of all kinds, automatic gas analyzers, etc. Uehling Instrument Company. 207,744; Jan. 5.
Meters and gauges. H. H. Homer. 207,582; Jan. 5; Serial No. 218,306; published Oct. 20, 1925.
Picture films, Motion. True Story Films Inc. 207,589; Jan. 5; Serial No. 217,906; published Oct. 20, 1925.
Pictures, Moving. Columbia Pictures Corporation. 207,681; Jan. 5; Serial No. 213,487; published Oct. 20, 1925.
Spectacles and eyeglasses and their mountings and parts. Stevens and Company. 52,381; renewed May 8, 1926.
Taximeters. Ohmer Fare Register Company. 207,749; Jan. 5.

CLASS 27.

Watches, watchcases, and watch movements. D. Gruen & Sons. 50,545; renewed Mar. 20, 1926.

CLASS 28.

Rings. Jones & Woodland. 48,132; renewed Dec. 12, 1925.

CLASS 29.

Brooms and brushes and dusters. San Francisco Association for the Blind. 207,522; Jan. 5; Serial No. 204,724; published Oct. 27, 1925.
Dusters, Wool. Illinois Duster Company. 207,515; Jan. 5; Serial No. 217,517; published Oct. 20, 1925.
Mops, Bouquet-Brownson Co. 207,442; Jan. 5; Serial No. 219,711; published Oct. 20, 1925.
Powder puffs, Refillable. L. I. Furlager. 207,498; Jan. 5; Serial No. 219,175; published Oct. 20, 1925.

CLASS 30.

Pottery ware, Ornamental. American Terra Cotta and Ceramic Company. 50,994; renewed Apr. 3, 1926.

CLASS 31.

Compressors, Ammonia. Vulcan Iron Works. 49,895; renewed Feb. 20, 1926.
Refrigerators, Show-case. Harry L. Hussmann Refrigerator Company. 207,734; Jan. 5.
Refrigerators, Show-case. Harry L. Hussmann Refrigerator Company. 207,736; Jan. 5.

CLASS 32.

Clothes racks. L. M. Bender. 207,690; Jan. 5; Serial No. 211,825; published Oct. 20, 1925.
Furniture, Household. Abraham & Straus, Inc. 207,536; Jan. 5; Serial No. 200,303; published Oct. 13, 1925.
Mattresses. John Breuner Company. 51,110; renewed Apr. 3, 1926.
Mattresses. Standard Mattress & Furniture Manufacturing Co. 207,600; Jan. 5; Serial No. 219,151; published Oct. 20, 1925.

CLASS 33.

Lamp glasses and globes. Macbeth-Evans Glass Company. 47,694; renewed Nov. 14, 1925.
Lamp glasses and globes. Macbeth-Evans Glass Company. 47,696–7; renewed Nov. 14, 1925.
Lamp glasses and globes. Macbeth-Evans Glass Company. 47,718; renewed Nov. 14, 1925.

CLASS 34.

Boilers, Range. Hayes Mfg. Co. 52,662; renewed May 15, 1926.
Lantern burners. R. E. Dietz Company. 52,817; renewed May 15, 1926.

CLASS 35.

Belting, Leather. Johnson Belting Company. 207,731; Jan. 5.
Hose composed of rubber and fibrous material. B. F. Goodrich Company. 207,610; Jan. 5; Serial No. 218,753; published Oct. 20, 1925.
Hose, Fabric. American Multiple Fabric Co. 47,134; renewed Oct. 31, 1925.
Jar rings, Rubber. Smalley, Kivlan & Onthank. 207,653; Jan. 5; Serial No. 219,783; published Oct. 20, 1925.
Packings. Beldam Packing & Rubber Company. 207,543; Jan. 5; Serial No. 206,102; published Oct. 20, 1925.
Tire-casing boots and sectional repairs for pneumatic-tire casings. Out West Manufacturing Co. 207,715; Jan. 5.
Tires, Rubber. United States Rubber Company. 207,570; Jan. 5; Serial No. 216,370; published Oct. 20, 1925.
Transmission, brake, and friction linings. World Bestos Corporation. 207,691; Jan. 5; Serial No. 211,649; published Oct. 20, 1925.
Tube patches. J. E. Marshall. 207,658; Jan. 5; Serial No. 219,637; published Oct. 20, 1925.

CLASS 37.

Bank notes, checks, drafts, etc. Dennison & Sons, Inc. 207,688; Jan. 5; Serial No. 212,371; published Oct. 6, 1925.
Cards and mailing envelopes therefor, Correspondence. Old Colony Envelope Company. 207,557; Jan. 5; Serial No. 217,478; published Oct. 6, 1925.
Erasers, Rubber. Eberhard Faber. 52,417; renewed May 8, 1926.
Ledgers. Richmond & Backus Co. 52,305; renewed May 8, 1926.
Magazine binders. Gaylord Brothers. 207,544; Jan. 5; Serial No. 206,482; published Oct. 6, 1925.
Paper. International Paper Co. 207,614; Jan. 5; Serial No. 218,559; published Oct. 6, 1925.
Paper, Book. Graham Paper Company. 207,686; Jan. 5; Serial No. 212,922; published Oct. 6, 1925.
Paper, correspondence cards, and mailing envelopes, Boxed writing. Associated Merchandising Corporation. 207,693; Jan. 5; Serial No. 210,520; published Oct. 6, 1925.
Paper, manuscript covers, and second sheets. Blake, Moffit & Towne. 207,654; Jan. 5; Serial No. 212,993; published Oct. 6, 1925.
Paper napkins. Paper Products Manufacturing Company. 207,587; Jan. 5; Serial No. 218,137; published Oct. 6, 1925.
Paper, Printing, writing, etc. New Jersey Coated Paper Co. 207,682; Jan. 5; Serial No. 213,396; published Oct 13, 1925.
Paper, Printing, writing, etc. New Jersey Coated Paper Co. 207,683; Jan. 5; Serial No. 213,394; published Oct. 13, 1925.
Paper, Typewriter. Rockwell-Barnes Company. 207,537; Jan. 5; Serial No. 200,342; published Oct. 20, 1925.
Paper, Wrapping. Fox Paper Company. 207,550; Jan. 5; Serial No. 209,031; published Oct. 6, 1925.
Paper, Writing. Swartwood-Nelson Paper Co. 207,458; Jan. 5; Serial No. 205,066; published Oct. 13, 1925.
Paper, Writing, ledger, and bond. Whitaker Paper Company. 207,551; Jan. 5; Serial No. 209,327; published Oct. 20, 1925.
Pencils. Goodman Bursetown. 207,577; Jan. 5; Serial No. 218,537; published Oct. 20, 1925.
Pencils, Lead. Eagle Pencil Company. 207,590; Jan. 5; Serial No. 217,866; published Oct. 6, 1925.

Pens, Fountain. Conklin Pen Manufacturing Co. 207,694; Jan. 5; Serial No. 210,290; published Oct. 6, 1925.
Pens, Fountain. S. A. Harris. 207,575; Jan. 5; Serial No. 215,150; published Oct. 20, 1925.
Pens, Steel. Hall Brothers. 48,105; renewed Dec. 12, 1925.
Photographs, Corner mounts for. A. E. Riley. 207,579; Jan. 5; Serial No. 218,373; published Oct. 6, 1925.
Sheets, strips, rolls, etc., Paper. American Sales Book Company. 207,629; Jan. 5; Serial No. 210,214; published Oct. 20, 1925.

CLASS 38.

Books. R. S. & H. B. Lacey. 47,718; renewed Nov. 14, 1925.
Books of plans and plans. A. G. Johnson. 207,642; Jan. 5; Serial No. 216,185; published Oct. 27, 1925.
Cartoon strip. H. L. Taskey. 207,639; Jan. 5; Serial No. 217,646; published Oct. 27, 1925.
Column or section. Periodical Digest Corporation. 207,564; Jan. 5; Serial No. 216,988; published Oct. 13, 1925.
Comic strip. NEA Service, Inc. 207,529; Jan. 5; Serial No. 211,858; published Oct. 6, 1925.
Magazine. "I Confess" Publications. 207,623; Jan. 5; Serial No. 217,154; published Oct. 20, 1925.
Magazine. Monthly. Benevolent and Protective Order of Elks of the United States of America. 207,649; Jan. 5; Serial No. 209,621; published Oct. 20, 1925.
Magazine. Monthly. Cycling Press, Inc. 207,454; Jan. 5; Serial No. 216,262; published Oct. 13, 1925.
Magazine, Monthly. Macfadden Publications Incorporated. 207,578; Jan. 5; Serial No. 218,518; published Oct. 13, 1925.
Magazine. Monthly. Sportlife Publishing Corporation. 207,573; Jan. 5; Serial No. 215,317; published Oct. 6, 1925.
Magazine. Title of monthly. American Federation of Arts, Inc. 207,467; Jan. 5; Serial No. 214,939; published Oct. 6, 1925.
Newspaper. Press-Union Publishing Company. 207,563; Jan. 5; Serial No. 216,989; published Oct. 13, 1925.
Newspaper column. Public Press Corporation. 207,624; Jan. 5; Serial No. 216,933; published Oct. 20, 1925.
Newspaper, Daily. News Publishing Company. 207,608; Jan. 5; Serial No. 218,994; published Oct. 13, 1925.
Newspaper section. King Features Syndicate, Inc. 207,640; Jan. 5; Serial No. 217,626; published Oct. 20, 1925.
Nom de plume for a newspaper section. J. H. Shannon. 207,698; Jan. 5; Serial No. 218,433; published Oct. 27, 1925.
Periodical, Printed. Ramer Reviews, Inc. 207,448; Jan. 5; Serial No. 218,272; published Oct. 13, 1925.
Photographic prints. Ansco Photoproducts, Inc. 207,699; Jan. 5; Serial No. 218,682; published Oct. 27, 1925.
Photographs, photolithographs, etc. H. Hohenstein. 207,514; Jan. 5; Serial No. 217,515; published Oct. 6, 1925.
Pictures. Abraham & Straus, Inc. 207,535; Jan. 5; Serial No. 200,299; published Oct. 6, 1925.
Publication. M. E. Jones. 207,443; Jan. 5; Serial No. 219,394; published Oct. 13, 1925.
Publication. Daily. Bulletin Record Publishing Co. 207,620; Jan. 5; Serial No. 217,756; published Oct. 20, 1925.
Publication, Monthly. Eastern Cotton Oil Company. 207,621; Jan. 5; Serial No. 217,700; published Oct. 20, 1925.
Publication, Monthly. Fawcett Publications, Inc. 207,445; Jan. 5; Serial No. 218,358; published Oct. 13, 1925.
Publication, Monthly. Goldman Costume Company. 207,538; Jan. 5; Serial No. 200,487; published Oct. 6, 1925.
Publication, Monthly. Hoover Company. 207,679; Jan. 5; Serial No. 213,645; published Oct. 6, 1925.
Publication, Monthly. Shippers' Guide Company. 207,449; Jan. 5; Serial No. 216,944; published Oct. 13, 1925.
Publication, Monthly. L. Valenstein. 207,560; Jan. 5; Serial No. 217,308; published Oct. 13, 1925.
Publication, Monthly. Willard Storage Battery Company. 207,465; Jan. 5; Serial No. 216,246; published Oct. 6, 1925.
Publication, Periodical. High School Teacher Company. 207,583; Jan. 5; Serial No. 218,305; published Oct. 13, 1925.
Publication, Periodical. E. S. Rankin. 207,513; Jan. 5; Serial No. 216,639; published Oct. 6, 1925.
Publication, Quarterly. Joseph Dixon Crucible Company. 207,507; Jan. 5; Serial No. 217,138; published Oct. 6, 1925.
Publication, Semimonthly. Hoover Company. 207,678; Jan. 5; Serial No. 213,647; published Oct. 6, 1925.
Publications, Monthly. Texas Company. 207,446; Jan. 5; Serial No. 218,436; published Oct. 13, 1925.

CLASS 39.

Boots and shoes, Leather. Keiffer Brothers. 47,185; renewed Oct. 31, 1925.
Boots, shoes, and oxfords. Forsythe Shoe Corporation. 207,721; Jan. 5.
Brassières, children's bibs, rubber kitchen aprons, bathing caps, and rubber garters. Omo Manufacturing Company. 207,702; Jan. 5; Serial No. 219,440; published Oct. 27, 1925.
Clothing. Higginbotham-Bailey-Logan Company. 207,635; Jan. 5; Serial No. 218,174; published Oct. 20, 1925.
Coats and trousers. J. Samuels & Bro. 50,794; renewed Mar. 27, 1926.
Coats, dresses, suits, etc., Ladies'. M. J. Schneider. 207,645; Jan. 5; Serial No. 216,644; published Oct. 27, 1925.
Coats, Knitted. Walnott Knitting Company. 207,606; Jan. 5; Serial No. 219,050; published Oct. 20, 1925.
Coats, Waterproof. United States Rubber Company. 207,627; Jan. 5; Serial No. 215,034; published Oct. 20, 1925.
Coats, Women's. Fey Mfg. Co. 207,559; Jan. 5; Serial No. 217,340; published Oct. 20, 1925.
Corsets. Venus Brassiere Co. 207,714; Jan. 5.
Dresses. Fifth Avenue Styles, Inc. 207,584; Jan. 5; Serial No. 218,252; published Oct. 20, 1925.
Dresses. Toutmain, Inc. 207,697; Jan. 5; Serial No. 218,509; published Oct. 20, 1925.
Dresses and aprons. Rice-Stix Dry Goods Company. 207,625; Jan. 5; Serial No. 216,477; published Oct. 20, 1925.
Dresses, coats, capes, skirts, etc. M. Prince. 207,641; Jan. 5; Serial No. 217,529; published Oct. 20, 1925.
Dresses, coats, cloaks, suits, and skirts. Maxim Co. 207,644; Jan. 5; Serial No. 217,474; published Oct. 20, 1925.
Hats for men, young men, and youths. Long's Hat Stores. 207,718; Jan. 5.
Hats, Men's. Long's Hat Stores. 207,719-20; Jan. 5.
Hose, Men's half. American Cellulose & Chemical Manufacturing Company. 207,622; Jan. 5; Serial No. 217,242; published Oct. 20, 1925.
Hosiery. American Stocking Company. 46,821; renewed Oct. 10, 1925.
Hosiery. American Stocking Company. 49,268; renewed Jan. 30, 1926.
Hosiery. J. H. Clark. 207,632; Jan. 5; Serial No. 208,569; published Oct. 20, 1925.
Hosiery. Hofmayer Dry Goods Co. 207,703; Jan. 5; Serial No. 219,484; published Oct. 27, 1925.
Hosiery. S. J. Levy & Sons. 207,669; Jan. 5; Serial No. 219,341; published Oct. 20, 1925.
Hosiery. Rotary Hosiery Shops, Inc. 207,634; Jan. 5; Serial No. 218,374; published Oct. 20, 1925.
Hosiery. Tribond Sales Corporation. 207,670-2; Jan. 5; Serial Nos. 219,314-16; published Oct. 20, 1925.
Overalls, Jumpers, shirts, etc. Service Garment Company. 207,730; Jan. 5.
Pyjamas and undershirts for men and boys. Kandi Underwear Company. 207,567; Jan. 5; Serial No. 216,732; published Oct. 20, 1925.
Shirts, knickers, and bellybands, Infants' and children's. Taylor Bramley Company. 207,539; Jan. 5; Serial No. 201,782; published Oct. 20, 1925.
Shirts, Negligee and dress. Cluett, Peabody & Co. 207,739; Jan. 5.
Shoes. Bray Shoe Company, 207,717; Jan. 5.
Suits and coats and women's coats, Men's. Hart, Schaffner & Marx. 207,704; Jan. 5; Serial No. 219,536; Oct. 27, 1925.
Suits, coats, dresses, wraps, and capes, etc. Blum Store. 207,588; Jan. 5; Serial No. 218,041; published Oct. 20, 1925.
Suits, Men's. Marshall Field & Company. 207,568; Jan. 5; Serial No. 216,521; published Oct. 20, 1925.
Suits, Mens and young men's. Middishade. 207,665; Jan. 5; Serial No. 219,403; published Oct. 20, 1925.
Sweaters. Golden West Knitting Mills. 207,636; Jan. 5; Serial No. 218,172; published Oct. 27, 1925.
Topcoats for ladies, Sport fabric and. Piper and Salerno Co. 207,601-2; Jan. 5; Serial Nos. 219,137-8; published Oct. 20, 1925.
Topcoats, Ladies. Piper and Salerno Co. 207,603; Jan. 5; Serial No. 219,136; published Oct. 20, 1925.
Undergarments. V. L. Sussberg. 207,701; Jan. 5; Serial No. 218,933; published Oct. 20, 1925.
Underwaists, Children's. H. & W. Company. 50,349; renewed Mar. 13, 1926.
Underwear. Marshall Field & Company. 207,724; Jan. 5.
Underwear. I. Stern. 207,648; Jan. 5; Serial No. 213,863; published Oct. 20, 1925.
Underwear, bathing suits, and hosiery. M. Weinroth. 207,626; Jan. 5; Serial No. 215,285; published Oct. 20, 1925.
Underwear, Ladies'. Phoenix Hosiery Company. 207,705; Jan. 5; Serial No. 219,555; published Oct. 27, 1925.

CLASS 40.

Bone rings. Rogers & Hubbard Co. 51,274; renewed Apr. 10, 1926.

CLASS 42.

Blankets. American Multiple Fabric Co. 47,478; renewed Nov. 7, 1925.
Cotton piece goods. Clarence Whitman & Co. 49,065; renewed Jan. 23, 1926.
Ginghams. Marshall Field & Company. 207,745; Jan. 5.
Silk piece goods. Clarence Whitman & Co. 51,165; renewed Apr. 3, 1926.

Velveteens. A. Wimpfheimer and Brother. 50,772; renewed Mar. 27, 1926.
Woolen piece goods. J. W. Smith & Sons. 207,748; Jan. 5.

CLASS 43.

Cotton, silk, hemp, and other fiber threads. Singer Manufacturing Company. 50,195; renewed Mar. 6, 1926.
Cotton, Spool. Blodgett & Orswell Co. 52,033; renewed May 1, 1926.
Cotton, Spool. Blodgett & Orswell Co. 52,088; renewed May 1, 1926.
Cotton, Spool. John J. Clark & Co. 52,099–102; renewed May 1, 1926.

CLASS 44.

Atomizers, bulb and fountain syringes. S. H. Wetmore Company. 45,870; renewed Aug. 29, 1925.
Elastic stockings. Pomeroy Company. 52,279; renewed May 8, 1926.
Electrical apparatus for locating pathological conditions along the spine. G. R. Hayman. 207,613; Jan. 5; Serial No. 218,639; published Oct. 20, 1925.
Hypodermic syringes and needles. Cook Laboratories, Inc. 207,728; Jan. 5.
Medicine droppers, clinical thermometers, and dropper-stopper bottles. T. J. Dykema. 207,747; Jan. 5.
Rubber goods. H. A. Rindskopf. 207,612; Jan. 5; Serial No. 218,663; published Oct. 20, 1925.

CLASS 45.

Beverage prepared from orange juice and sold as soft drink. Orange-Well, Inc. 207,494; Jan. 5; Serial No. 216,426; published Oct. 20, 1925.
Beverage sold as a soft drink. Ditta Giuseppe Alberti. 207,476; Jan. 5; Serial No. 213,956; published Oct. 20, 1925.
Beverages sold as soft drinks and flavored sirups and extracts for making same. Theonett & Co. 207,517; Jan. 5; Serial No. 217,373; published Oct. 20, 1925.
Juice, Apple. Albert Haines & Son. 207,742; Jan. 5.

CLASS 46.

Alimentary pastes. Italien American Paste Co. 207,528; Jan. 5; Serial No. 211,440; published Oct. 13, 1925.
Butter. Fred L. Hilmer Company. 207,735; Jan. 5.
Candies. J. G. McDonald Candy Co. 48,927; renewed Jan. 16, 1926.
Canned fruits and vegetables, dried fruits, and catchup. G. W. Bobb Company. 207,633; Jan. 5; Serial No. 218,449; published Oct. 20, 1925.
Canned vegetables, flour, spices, etc. Shaffer Stores Company. 207,585; Jan. 5; Serial No. 218,211; published Oct. 20, 1925.
Chocolates and candies. Perry's Candy Co. 207,737; Jan. 5.
Coffee, tea, spices, and food-flavoring extracts. Joannes Corporation. 207,643; Jan. 5; Serial No. 216,183; published Oct. 20, 1925.
Confectionery, ices, ice cream, and beverages. St. Clairs' (Inc.). 207,651; Jan. 5; Serial No. 200,344; published Oct. 20, 1925.
Confections, Frozen. Eskimo Pie Corporation. 207,593; Jan. 5; Serial No. 217,704; published Oct. 20, 1925.
Crackers, sugar wafers, biscuits, etc. Miller Parrott Baking Co. 207,716; Jan. 5.
Cream, sugar, and fruit used in preparing sandwiches, Frozen. G. H. Farrell. 207,619; Jan. 5; Serial No. 218,803; published Oct. 20, 1925.
Eggs and coffee. A. B. C. Stores, Incorporated. 207,542; Jan. 5; Serial No. 203,773; published Oct. 20, 1925.
Flour, Wheat. Pauls Valley Grain & Seed Co. 207,746; Jan. 5.
Food drinks. Postum Cereal Co. 52,560; renewed May 15, 1926.
Food products. Milliner Dairy Company. 207,534; Jan. 5; Serial No. 194,728; published Oct. 20, 1925.
Fruits, Dried and evaporated. Griffin & Skelley Co. 48,987–9; renewed Jan. 16, 1926.
Hams, shoulders, and bacon. J. & F. Schroth Pack. Co. 51,325; renewed Apr. 10, 1926.
Ice cream. Honeycup Ice Cream Co. 207,700; Jan. 5; Serial No. 218,814; published Oct. 20, 1925.
Ice cream. D. L. Stull. 207,617; Jan. 5; Serial No. 219,047; published Oct. 20, 1925.
Jams and jellies. Wilkinson, Gaddis & Co. 50,065; renewed Feb. 27, 1926.
Malt sirup. Red Sun Products Co. 207,618; Jan. 5; Serial No. 218,828; published Oct. 20, 1925.
Milk, Condensed. D. L. Sterling & Sons, Inc. 207,592; Jan. 5; Serial No. 217,803; published Oct. 20, 1925.
Oil, Olive. Corrado Bros. 207,638; Jan. 5; Serial No. 217,818; published Oct. 20, 1925.
Oil, Olive. Martí y Gutiérrez. 207,521; Jan. 5; Serial No. 181,202; published Oct. 27, 1925.
Pickles, coffee, cinnamon, pepper, etc., Dill. W. Ruehl. 207,650; Jan. 5; Serial No. 203,330; published Oct. 20, 1925.
Vinegar, Cider. Chas. E. Meyer & Co. 51,120; renewed Apr. 3, 1926.

CLASS 48.

Beer, Lager. J. Chr. G. Hupfel Brewing Co. 50,022; renewed Feb. 27, 1926.
Beer, Lager. Joseph Schlitz Brewing Company. 52,011; renewed May 1, 1926.
Malt extracts. M. K. Goetz Brewing Co. 52,758; renewed May 15, 1926.

CLASS 50.

Rubber raincoats, aprons, etc. J. Cohen. 207,722; Jan. 5.

ALPHABETICAL LIST OF LABELS.

A Guaranteed Net of Paramount Quality. For Hair Nets. Seidner & Hitzigrath, Inc. 29,749; Jan. 5.
Ajax Sport Coat. For Sweaters. Novelty Knitting Mills. 29,745; Jan. 5.
Bagdad. For Coffee. Haas-Baruch & Co. 29,740; Jan. 5.
Coffee. For Coffee. Harnit & Hewitt Co. 29,741; Jan. 5.
Deathline Disinfectant. For a Disinfectant Preparation. Janitor's Supply House, Inc. 29,743; Jan. 5.
Guarantee. For Hair Nets. Seidner & Hitzigrath, Inc. 29,747; Jan. 5.
Liberty Bell Hair Net. For Hair Nets. Seidner & Hitzigrath, Inc. 29,748; Jan. 5.
N. G. Co. For Tea. National Grocery Company. 29,744; Jan. 5.
Quaffee. For a Cereal Beverage. Quaffo Health Products Company. 29,746; Jan. 5.
Radio Shoe Laces. For Shoe Laces. L. Weinstein. 29,751; Jan. 5.
Spices. For Spices. Harnit & Hewitt Co. 29,742; Jan. 5.
The Emmerich Perfect Pillow in a Package. For Pillows and Containers Therefor. Chas. Emmerhich & Co. 29,739; Jan. 5.
The Original Crotchless Suit. For Swimming Suits. Columbia Knitting Mills Inc. 29,738; Jan. 5.
Thompson's Fig Lax. Compound Health Tablets. For Laxative Tablets. E. B. Thompson. 29,750; Jan. 5.

ALPHABETICAL LIST OF PRINTS.

Arrow Bow Adjustable to Any Size Collar. Appears Hand Tied C. For Men's Bow Ties. H. & M. Neckwear Company. 8,487; Jan. 5.
Lilac Breath. For Candied Breath Perfume. Mrs. H. V. Plattner. 8,488; Jan. 5.
Pet-Salve Seyfarth's Ointment 68,618 Should be in every home. For an Antiseptic Ointment. H. G. Seyfarth. 8,489; Jan. 5.
Portable Lifters Storage Racks. For Portable Elevators and Storage Racks. Economy Engineering Company. 8,486; Jan. 5.
The Best Papers Are Made From Rags. For Papers Made from Rags. Association of Manf. of Rag Papers. 8,485; Jan. 5.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 2.

Bags for cement, etc. Jaite Company. 222,984; Jan. 5.
Liquefied-gas containers. Purox Company. 223,546; Jan. 5.
Receptacles for transportation of laboratory specimens or samples. M. Samson. 222,582; Jan. 5.

CLASS 4.

Cleaner, Liquid clothes. White Rose Manufacturing Co. 224,063; Jan. 5.
Diamond in industrial use, Substitute for. Sullivan Machinery Company. 223,555; Jan. 5.
Flint paper. Monteros & Co. 223,796; Jan. 5.
Shaving cream or soap. Twinplex Sales Company. 223,947; Jan. 5.
Soap, Perfumed. Eugene Rimmel, Limited. 223,140; Jan. 5.

CLASS 6.

Antiseptic solution for the treatment of the nose and throat for defective hearing. Hance Brothers & White, Inc. 212,806; Jan. 5.
Candy, Electuary. A. Goldknopf. 222,452; Jan. 5.
Cold-cream-impregnated tissue. Freshie Co. 222,606; Jan. 5.
Compound for the treatment of diseases of female organs. Herriline Rosette Mfg. Co. 221,063; Jan. 5.
Cosmetics. "Proka" Parfumerie und Seifenfabriks A. G. 220,037; Jan. 5.
Cough sedative and expectorant. Winthrop Chemical Company. 223,266; Jan. 5.
Cream, face powder, hair tonic, etc., Massage. L. L. Schaefer. 216,483; Jan. 5.
Creams, hair pomades, rouge, etc., Face. F. N. Lewis. 222,328; Jan. 5.
Dye, Leather. I. Sherman. 222,195; Jan. 5.
Eye lotion and salve. A. Savas. 221,207; Jan. 5.
Fluxes for soldering metals. Actien-Gesellschaft für Anilin-Fabrikation. 223,676; Jan. 5.
Insecticides. Andrew Wilson, Incorporated. 207,279; Jan. 5.
Liniment for horses. F. Kampfenkel. 220,237; Jan. 5.
Liquid for treating the hair, toilet waters, hair dyes, etc. P. Westphal. 223,349; Jan. 5.
Magnesium hydroxide, Aqueous suspension of. E. R. Squibb & Sons. 205,962; Jan. 5.
Medicinal preparation. First National Laboratories, Inc. 220,118; Jan. 5.
Medicinal preparation for the treatment of coughs, colds, catarrh, etc. C. Karkle. 224,141; Jan. 5.
Medicine for malaria. Upjohn Company. 222,419; Jan. 5.
Medicines, Dog. W. E. Simpson. 222,346; Jan. 5.
Ointment for inflammations, congestion of the respiratory organs, etc., Liquid. J. F. Kotrich. 222,510; Jan. 5.
Pastils, Bronchial. Hance Brothers & White, Inc. 212,807; Jan. 5.
Pepsin and other medicines, Formula containing. E. M. Morton. 219,979; Jan. 5.
Perfumes, toilet waters, lip rouges, shampoos, etc. C. J. Kallile. 222,464; Jan. 5.
Powder, Face. La Salle Company. 222,618; Jan. 5.
Powders and creams, perfumes, hair oils, etc., Face. La Valliere Co. 217,469; Jan. 5.
Powders, beauty creams, rouge, ointments, etc., Face. R. Duprez. 205,113; Jan. 5.
Powders, face creams, skin lotions, rouges, perfumes, etc., Face. H. D. Saurer. 221,776; Jan. 5.
Preparation for acute, relaxed, and disturbed conditions of the stomach and bowels. Dr. Peter Fahrney & Sons Co. 218,902–9; Jan. 5.
Preparation for removing the roughness of a collar and preserving the skin from irritation. N. N. Marcotoon. 222,858; Jan. 5.
Preparation for the treatment of catarrh and ailments of the respiratory and other organs. W. Schlereth. 223,974; Jan. 5.
Preparation for the treatment of piles. Dr. Kade's Medizinisch-Pharmazeutisches Fabrikations- & Exportgeschäft Dr. Franz Lutze. 218,560; Jan. 5.
Preparations for the diseases of the throat and lungs, hair preservative, etc. National Remedy Company. 222,475; Jan. 5.
Salve. M. Christner. 213,770; Jan. 5.
Salve. A. F. Herchelroth. 222,614; Jan. 5.
Salve, Pile. R. E. Elks, jr. 218,108; Jan. 5.
Shampoo. A. M. Alexander. 223,156–7; Jan. 5.
Soldering solution. Ra-Dx Co. 206,084; Jan. 5.
Tonic in the treatment of diseases from malaria, nasal spraying solution, etc. J. A. Wood. 201,273; Jan. 5.

CLASS 9.

Matches. Ohio Match Company. 223,590–1; Jan. 5
Matches. Ohio Match Company. 223,593–5; Jan. 5.
Matches. Ohio Match Company. 223,597; Jan. 5.

CLASS 10.

Fertilizer. Nitrate Agencies Company. 222,476; Jan. 5.

CLASS 11.

Typewriter ribbons and carbon papers. Queen Ribbon & Carbon Co. 220,464; Jan. 5.

CLASS 13.

Chains. Link-Belt Company. 213,790; Jan. 5.
Chains. Link-Belt Company. 213,792; Jan. 5.
Cooking utensils. Super Maid Cook-Ware Corporation. 213,410; Jan. 5.
Heels of footwear, Metal plates for supporting the. C. W. Ellis. 218,691; Jan. 5.
Soap dishes, sponge holders, towel bars, glass shelves, etc. Chinatyle Corp. 216,505; Jan. 5.
Wire cloth of steel, brass, copper, bronze, brass milk-strainer, and nickel cloth, etc. Audubon Wire Cloth Company. 200,602; Jan. 5.

CLASS 15.

Gasoline. Pure Oil Company. 223,332; Jan. 5.
Gasoline and motor oils. F. G. Jones. 216,105; Jan. 5.
Gasoline, naphtha, benzine, axle greases, etc. Tidioute Refining Company. 222,289; Jan. 5.
Lubricating grease. Tide Water Oil Company. 224,061; Jan. 5.
Motor fuel. Denver Powerine Company. 223,086; Jan. 5.
Naphtha. Magnolia Petroleum Company. 223,649; Jan. 5.
Oil and grease, Lubricating. Otis Oil Company. 223,136; Jan. 5.
Petroleum products. W. H. Barber Company. 223,362; Jan. 5.
Petroleum wax. Standard Oil Company. 223,749; Jan. 5.
Spirits for cigar lighters. Alfred Dunhill of London, Inc. 223,774; Jan. 5.

CLASS 16.

Calking cement, Puttylike. Brant & Nielsen. 221,232; Jan. 5.
Colors, Water. American Crayon Company. 223,209; Jan. 5.
Lacquer, Brushing. Smith-Alsop Paint and Varnish Company. 223,201; Jan. 5.
Lacquers, lacquer enamels, and lacquer thinners. Egyptian Lacquer Manufacturing Company. 223,905; Jan. 5.
Lacquers, lacquer enamels, and lacquer thinners. Egyptian Lacquer Manufacturing Company. 223,907; Jan. 5.
Oils, cedar spray, and wax spray, Spray and floor. Masury-Young Company. 221,756; Jan. 5.
Paint in paste form. Arnesto Paint Co. 222,103; Jan. 5.
Paint, Metal. Gardco Paint Products Company. 218,850; Jan. 5.
Paint, Ready-mixed. Great Lakes Varnish Works, Inc. 223,708–9; Jan. 5.
Paint, Roof. J. W. Morse. 218,822; Jan. 5.
Polish, Automobile and furniture. B. Goldstein. 222,236; Jan. 5.
Polishes, Automobile and furniture. Coos Bay Chemical Co. 217,759; Jan. 5.
Wall finish, Washable. Detroit Graphite Company. 222,225; Jan. 5.

CLASS 17.

Cigars. R. C. Williams & Co. 223,265; Jan. 5.
Snuff. Kingdom of Italy. 221,837; Jan. 5.
Snuff. Kingdom of Italy. 221,839; Jan. 5.

CLASS 21.

Circuit make and break devices, Automatic. G. S. White. 222,902; Jan. 5.
Condensers. Duplex Condenser & Radio Corporation. 218,689–90; Jan. 5.
Cookers and bakers, Electric. A. E. Sweet. 222,804; Jan. 5.
Radio apparatus, Antennæ for. Apex Stamping Company. 222,656; Jan. 5.
Radio receiving sets. American Radio Mfg. Company. 222,654; Jan. 5.
Radio receiving sets. Valley Electric Company. 222,891; Jan. 5.
Radio receiving sets, detector units, etc. Stewart-Warner Radio Company. 207,413; Jan. 5.

CLASS 22.

Automobiles, etc., Miniature. A. C. Gilbert Company. 223,635; Jan. 5.
Basket-ball goals. Wilson-Western Sporting Goods Company. 223,351; Jan. 5.
Dolls. Geo. Borgfeldt & Co. 223,211; Jan. 5.

Fishing reels. Enterprise Manufacturing Company. 223,626; Jan. 5.
Game, Parlor board. J. A. Andrews. 223,454; Jan. 5.
Golf clubs. Crawford, McGregor and Canby Company. 223,769; Jan. 5.
Hobbyhorse, Mechanical. E. E. Boyle. 223,363; Jan. 5.
Puzzle. C. A. Hoos. 222,458; Jan. 5.
Quoits, A Schoenhut Company. 223,337; Jan. 5.
Snow, Imitation. H. E. Boehm. 217,604; Jan. 5.
Target traps and targets. Western Cartridge Company. 222,899; Jan. 5.
Toy carts. Toy Vehicle Corporation. 221,935; Jan. 5.

CLASS 23.

Addressing machines. Rapid Addressing Machine Company. 222,402; Jan. 5.
Axes, hatchets, adzes, kitchen knives, etc. Collins Company. 222,441; Jan. 5.
Bearings, casings for said bearings, etc., Ball and roller. Berliner Kugellager-Fabrik, G. m. b. H., A. Riebe. 219,217; Jan. 5.
Boiler-tube flangers, expanders, cutters, etc. J. Faessler Mfg. Co. 214,147; Jan. 5.
Boilers, Flue expanders for steam. J. Faessler Mfg. Co. 214,145; Jan. 5.
Gear wheels and gear-wheel blanks, Nonmetallic. General Electric Company. 191,766; Jan. 5.
Ice-shaving machine. C. C. Clawson. 222,164; Jan. 5.
Knives and carvers, fruit, butter, and fish knives, etc., Table. Friedr. Herder Abr. Sohn. 204,448; Jan. 5.
Knives, forks, and spoons, etc., Table. Hyde Manufacturing Company. 218,490; Jan. 5.
Looms and loom accessories. Crompton & Knowles Loom Works. 221,305; Jan. 5.
Machines for making and coating confections. Newcraft Sales Company. 222,571; Jan. 5.
Monkey wrenches, pipe cutters and vises, etc. Trimont Manufacturing Company. 221,936; Jan. 5.
Sewing-machine needles. A. Schulder & Sons. 221,853; Jan. 5.

CLASS 26.

Drawing instruments. Keuffel & Esser Company. 223,523; Jan. 5.
Patterns, Paper. R. H. Macy & Co. 223,648; Jan. 5.
Photographic paper, Light-sensitive. Eastman Kodak Company. 223,507; Jan 5.

CLASS 28.

Bracelets, necklace snaps, earrings, etc. W. E. Kennison. 223,305; Jan. 5.
Pearls and reproductions of pearls, Strings of. L. Heller & Son, Inc. 200,495; Jan. 5.

CLASS 29.

Vanity case and hand brushes, Pocket. M. Britz. 215,132; Jan. 5.

CLASS 30.

Dinner ware. Knowles, Taylor and Knowles Company. 222,848; Jan. 5.

CLASS 32.

Picture frames, chair arms, drawer pulls and knobs. Bakelite Corporation. 221,586; Jan. 5.

CLASS 35.

Brake linings. Allbestos Corporation. 217,655; Jan. 5.
Hose, Rubber-covered. B. F. Goodrich Company. 220,289; Jan. 5.
Hose, Rubber-covered. B. F. Goodrich Company. 220,403; Jan. 5.
Tires, Vehicle. Fisk Rubber Company. 210,897; Jan. 5.
Washers, Bib and faucet. Woodward-Wanger Company. 217,909; Jan. 5.

CLASS 36.

Violins, mandolins, guitars, etc. J. E. Hillebrandt. 216,677; Jan. 5.

CLASS 38.

Magazine published monthly. Corte Publishing Company. 216,089; Jan. 5.

CLASS 39.

Abdominal bands, aprons, baby buntings, bands, bibs, etc. G. J. Allen. 204,848; Jan. 5.
Boots, shoes, and slippers, shoe heels, and hosiery, top lifts, etc., Men's and women's. Pedox Produx Inc. 217,291; Jan. 5.
Boots, shoes, and slippers, Women's. Ault-Williamson Shoe Company. 220,935; Jan. 5.
Caps, undergarments, robes, sweaters, etc. Bedell Company. 205,828; Jan. 5.
Coats, suits, dresses, capes, and wraps for misses and juniors. Heeht & Berman. 209,406; Jan. 5.
Coats, vests, trousers, and overcoats, Men's. The Hub. 223,299; Jan. 5.
Collars and shirts. Hall, Hartwell & Co. 209,917; Jan. 5.
Collars, pyjamas, nightrobes, underwear, and shirts. Carlton Mills, Inc. 221,407; Jan. 5.
Corsets and brassières. H. W. Gossard Co. 217,024; Jan. 5.
Corsets, brassières, girdles, and bandeaux. Venus Brassiere Co. 223,754–5; Jan. 5.
Corsets, brassières, girdles, and bandeaux. Venus Brassiere Co. 223,878; Jan. 5.
Dresses. Lindner Co'y. 223,480; Jan. 5.
Dresses and frocks. L. Abramowitz. 218,940; Jan. 5.
Dresses, skirts, waists, aprons, hats, etc. Chicago Mail Order Company. 221,878; Jan. 5.
Fur coats for men. Robitshek-Robbins Co. 222,944; Jan. 5.
Garters. A. J. Donohue Corporation. 222,501; Jan. 5.
Hats, Ladies'. Wieder Bros. Inc. 223,829; Jan. 5.
Hats, Women's and misses'. Marshall Field & Company. 223,700; Jan. 5.
Hose, Golf. Berkley Knitting Company. 218,727; Jan. 5.
Hosiery. C. F. Berg. 223,458; Jan. 5.
Hosiery. S. Kaar. 223,515; Jan. 5.
Hosiery. S. M. Pick. 217,363; Jan. 5.
Hosiery. H. M. Sacks. 223,142; Jan. 5.
Hosiery. Shoaf-Sink Hosiery Mill Company. 223,417; Jan. 5.
Hosiery. Smith, Kirkpatrick & Co. 223,746; Jan. 5.
Overalls and work pants. A. Bruns Sons & Co. 223,683; Jan. 5.
Shoes and slippers, Men's and women's. M. E. Bendelari. 218,592; Jan. 5.
Suits and overcoats, including golf suits, etc., coats, vests, trousers. Oppenheimer & Gross. 222,939; Jan. 5.
Suits, Men's. Hickey-Freeman Co. 223,580; Jan. 5.
Sweaters. Magnus Imports, Ltd. 223,397; Jan. 5.
Trousers, Boys'. Sam Rosenbaum & Sons Company. 221,568; Jan. 5.
Underwear. Panelon Underwear Company. 223,739; Jan. 5.
Underwear, brassières, and combination brassière and corset, etc. Weingarten Bros. 222,770; Jan. 5.
Underwear, lingerie, dresses, and suits for women. Wyant Way Inc. 221,865; Jan. 5.

CLASS 40.

Elastic and ribbon, Narrow. Isbell-Kent-Oakes Dry Goods Company. 216,046; Jan. 5.
Hair curlers. K. McClaire. 203,478; Jan. 5.

CLASS 41.

Umbrellas with cases therefor. Polan Katz & Company. 221,375; Jan. 5.

CLASS 42.

Cotton fabrics in the piece. M. F. Stern. 212,652; Jan. 5.
Rugs and mats, Textile and grass. Manuel Feldman Company. 220,710; Jan. 5.
Sheeting, sheets, pillowcases, and pillow tubing. Smith-McCord-Townsend Dry Goods Company. 221,139; Jan. 5.
Silk and wool knitted fabric in the piece. I. A. Wyner & Co. 221,526; Jan. 5.
Silks, Tie. S. J. Aronsohn, Inc. 224,067; Jan. 5.
Woolen piece goods. Kemp-Booth Company. 221,368; Jan. 5.
Woolen piece goods. Kemp-Booth Company. 221,370; Jan. 5.

CLASS 43.

Thread. Standard Thread Company. 221,922; Jan. 5.
Thread. Standard Thread Company. 221,926; Jan. 5.
Thread. Standard Thread Company. 221,929; Jan. 5.
Thread. Standard Thread Company. 221,932; Jan. 5.

CLASS 44.

Arch pads. H. D. Emeott. 223,775; Jan. 5.
Arch supports. Scholl Manufacturing Company. 223,551; Jan. 5.
Belts, Abdominal. Little Corporal Co. 223,394; Jan. 5.
Corn pads, rubber heel liners and bunion shields. Wizard Lightfoot Appliance Company. 217,124; Jan. 5.
Flesh gloves, massage pads, crutch pads, etc. Sorbo Rubber-Sponge Products Ltd. 137,552; Jan. 5.
Lamps, Medical and surgical. J. J. Rekar. 203,749; Jan. 5.
Metatarsal pads and ankle supports. Scholl Manufacturing Company. 223,552; Jan. 5.

CLASS 45.

Beverages and sirups, extracts, and emulsions for making the same. Canadian Club Corporation. 220,938; Jan. 5.
Beverages, sirups and extracts for making the same, and mineral waters. Egon Braun Aktiengesellschaft. 222,017; Jan. 5.
Ginger ale. Fitger Company. 222,317; Jan. 5.
Sirup, Maltless. P. Angel. 222,208; Jan. 5.

CLASS 46.

Apples, Fresh. C. E. Rhodes. 215,707; Jan. 5.
Bread. D. Stern. 222,885; Jan. 5.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Butter. H. G. Hill Stores, Inc. 218,060; Jan. 5.
Butter. A. W. Madsen. 222,622; Jan. 5.
Butter and cheese. Beatrice Creamery Company. 223,113; Jan. 5.
Cake mix. J. R. Lloyd. 223,045; Jan. 5.
Cakes, Fruit. R. O. Whyman and Company. 223,613; Jan. 5.
Candy. Ferrara Pan Confection Co. 223,699; Jan. 5.
Candy. Sweets Company of America, Incorporated. 218,583; Jan. 5.
Candy. Stephen F. Whitman & Son, Inc. 207,427; Jan. 5.
Canned berries. Berry Growers Packing Co. 199,669; Jan. 5.
Canned fruits and vegetables, spices, dried beans, rice, etc. Lewis, Hubbard and Company. 216,615; Jan. 5.
Canned fruits, vegetables, and fish, dried vegetables, salt fish, tomato paste, and canned evaporated milk. H. M. Newhall & Co. 207,311; Jan. 5.
Canned peaches. Sutter Co-Operative Growers. 219,017; Jan.
Canned soup. L. E. Deckard. 210,226; Jan. 5.
Canned vegetables. D. Landreth Seed Company. 222,040; Jan. 5.
Canned vegetables and fruits, jams, coffee, etc. Charles Hewitt & Sons Company. 221,256; Jan. 5.
Cantaloupes, lettuce, and peas, Fresh. T. M. Amendola. 220,753; Jan. 5.
Cocoa, milk, and sugar, Evaporated mixture of. L. C. Nissle. 221,024; Jan. 5.
Coffee, tea, and spices. Woolson Spice Company. 221,794; Jan. 5.
Cookies, cakes, and wafers. Paul Schulze Biscuit Co. 222,949–50; Jan. 5.
Crackers. Paul Schulze Biscuit Co. 222,951; Jan. 5.
Flour, Rye and wheat. King Midas Mill Company. 213,653–4; Jan. 5.
Flour, Wheat. Farmers Union Exchange. 203,878; Jan. 5.
Flours, Wheat and self-raising. Phoenix Flour Mill. 204,832; Jan. 5.
Fruit, fancy grapefruit peel, pineapple cores, and cherry pieces. Glacé. Legborn Preserving Co. 222,684; Jan. 5.
Fruit preserves. K. Gammel. 185,517; Jan. 5.
Grapes, Fresh. A. Giolitti. 223,636–7; Jan. 5.
Gumdrops. Kibbe Brothers Company. 221,620; Jan. 5.
Jams, jellies, table sirups and honey, and fruit preserves. Bliss Syrup Refining Co. 219,322; Jan. 5.
Jelly candies. Kibbe Brothers Company. 221,622; Jan. 5.
Oil, Cottonseed. Welch, Holme & Clark Company. 221,040; Jan. 5.
Pears and plums, Fresh. E. H. Myers. 223,443; Jan. 5.
Pepper, Red. Pedro and Antonio Garcia Mira. 184,512; Jan. 5.
Sirup, Malt. G. Goldstein. 221,416; Jan. 5.

CLASS 48.

Beverages made from malt. Adam Scheidt Brewing Co. 204,725; Jan. 5.
Hopped malt extract, malt extract, and malt sirup. Reisch Food Products Company. 221,380–1; Jan. 5.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 5TH DAY OF JANUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

A C Spark Plug Company. (See Berge, Joseph, assignor.)
A C Spark Plug Company. (See Champion, Albert, assignor.)
A C Spark Plug Company. (See Rabezzana, Hector, assignor.)
Abendroth Brothers. (See Seeley, Frank E., assignor.)
Abernathy, Samuel F., Roanoke, Ala. Pipe cleaner. 1,568,392; Jan. 5.
Abernathy, Samuel F., Roanoke, Ala. Pipe cleaner. 1,568,393; Jan. 5.
Abrasive Company. (See Brockbank, Clarence J., assignor.)
Accocella, Philip F., Brooklyn, N. Y. Automobile barge. 1,568,307; Jan. 5.
Aegerter, Erwin O. and G. W., St. Louis, Mo. Vision shield. 1,568,200; Jan. 5.
Aegerter, Gustave W. (See Aegerter, Erwin O. and G. W.)
Aeromarine Plane & Motor Company. (See Chilton, R., and Hayes, assignors.)
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Repeater circuit. 1,568,861; Jan. 5.
Agnew, Harry C. (See Besbeers, Clarence J., assignor.)
Aiken, Charles W., Brooklyn, N. Y. Soap drier. 1,568,791; Jan. 5.
Akins, Randall P., J. W. Bucher and F. D. Gross, Denver, Colo. Screen. 1,568,792; Jan. 5.
Aktiebolaget Vaporackumulator. (See Ruths, J., Ingero and Echrenk, assignors.)
Aktiengesellschaft Brown, Boveri & Cie. (See Schmidlin, Fritz, assignor.)
Albee, William H., assignor to Koehler Manufacturing Company, Marlboro, Mass. Football-cleat-applying tool. 1,568,308; Jan. 5.
Albert, Joseph A., Springfield, Mass. Tire armor. 1,568,581; Jan. 5.
Albright, Dell L., Hollywood, Calif. Traffic signal for motor vehicles. 1,568,862; Jan. 5.
Alexander, Daniel. (See Gardner, Florinda, assignor.)
Allen, Charles V., Buffalo, N. Y. Attachment for ladder legs. 1,568,201; Jan. 5.
Allen, George, Hillman, Minn. Combined toboggan and sled. 1,568,493; Jan. 5.
Allen, Harold K., Springfield, Mass. Portable oil heater. 1,568,582; Jan. 5.
Allen, John M., Toronto, Ontario, Canada. Knitting full-fashioned hosiery on a circular-knitting machine. 1,568,123; Jan. 5.
American Auto Lamp Co. (See Putterman, Benjamin, assignor.)
American Bottle Company, The. (See Curran, Jerome P., assignor.)
American Flatlite Company, The. (See Kuen, Eugene A., assignor.)
American Moistening Company. (See Braemer, William G. R., assignor.)
American Optical Company. (See Hill, Harry W., assignor.)
American Optical Company. (See Schumacher, E. L., and Boutelle, assignors.)
American Oven & Machine Company. (See Notz, F., and Royan, assignors.)
American Stove Company. (See Roy, Joseph, assignor.)
American Telephone and Telegraph Company. (See Affel, Herman A., assignor.)
American Telephone and Telegraph Company. (See Elsasser, Henry W., assignor.)
American Telephone and Telegraph Company. (See Espenschied, Lloyd, assignor.)
Amsden, Eugene C., Allston, Boston, assignor to The Stafford Company, Boston, Mass. Dobby for looms. 1,568,943; Jan. 5.
Anakin Lock & Alarm Co. (See Kinnear, Eugene C., assignor.)
Anastas, George, Pocatello, Idaho. Window screen. 1,568,494; Jan. 5.
Anderson, Carl, assignor of one-half to T. C. Doolittle, Roza, Wash. Brake band. 1,568,043; Jan. 5.
Anderson, David A., Faribault, Minn. Tester for connecting-rod assemblies. 1,568,583; Jan. 5.
Anderson, Elmer E., La Grande, Oreg. Drier. 1,568,436; Jan. 5.
Anderson, Emil F., Chicago, Ill., assignor to International Harvester Company. Tractor hitch for headers. 1,568,124; Jan. 5.
Anderson, Oliver H. (See Morris, Ephraim W., assignor.)
Anderson, Roy H., assignor of one-half to H. G. Hastings, Allentown, and A. H. Elliott, Philadelphia, Pa. Toe protector. 1,568,706; Jan. 5.
Antiscale Corporation. (See Bonine, Charles E., assignor.)
Antiscale Corporation. (See Freeman, George C., assignor.)
Appo-Krisp Limited. (See Humphrey, George F., assignor.)
Argo, Mattie L., Minneapolis, Minn. Garment-hanger support. 1,568,538; Jan. 5.
Arkin, Victor, Chicago, Ill. Hydraulic power transmission. 1,568,394; Jan. 5.
Assmann, Frederick M., East Orange, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Sheet-metal container. 1,568,359; Jan. 5.
Atkins, Clarence E., East Providence, R. I., assignor, by mesne assignments, to The Waterbury Farrel Foundry and Machine Co., Waterbury, Conn. Wire-drawing machine. 1,568,793; Jan. 5.
Atlas Powder Company. (See McFarland, David M., assignor.)
Atwell, Ernest T., Independence, Mo. Signal. 1,568,863; Jan. 5.
Atwood, Eugene, assignor to Atwood Machine Company, Stonington, Conn. Spindle-driving mechanism. 1,568,539; Jan. 5.
Atwood Machine Company. (See Atwood, Eugene, assignor.)
Atwood, William J. (See Schatz, William A., assignor.)
Auld, D. L., Company, The. (See Auld, Frederick H., assignor.)
Auld, Frederick H., assignor to The D. L. Auld Company, Columbus, Ohio. Spare-fishing-line holder and reel therefor. 1,568,309; Jan. 5.
Auld, Frederick H., assignor to The D. L. Auld Company, Columbus, Ohio. Hub-cap-attaching means. 1,568,707; Jan. 5.
Auto Pneumatic Action Company. (See Danquard, Thomas, assignor.)
Automatic Electric Company. (See Lomax, Clarence E., assignor.)
Automatic Electric Company. (See Martin, Talbot G., assignor.)
Automatic Electric Company. (See Powell, Winfred T., assignor.)
Automatic Refrigerating Company, The. (See Lundgaard, Ivar, assignor.)
Ayling, George W., Springfield, Ill. Kite. 1,568,360; Jan. 5.
Babcock & Wilcox Company, The. (See Harter, Isaac, jr., assignor.)
Bach, Niels P., Millburn, N. J., assignor to Thermokept Corporation. Sealed vacuum container. 1,568,437; Jan. 5.
Bach, Niels P., Milburn, N. J., assignor to Thermokept Corporation, New York, N. Y. Can. 1,568,438; Jan. 5.
Baer, Samuel S., Baltimore, Md. Convertible safety razor, hair trimmer, and comb. 1,568,794; Jan. 5.
Bagge, Peter E., Moline, Ill. Holding device for ropes, cables, and the like. 1,568,310; Jan. 5.
Bahr, Herman, Little Falls, N. Y. Method of pictorial reproduction. 1,568,864; Jan. 5.
Bailey, Wonslow E. (See Stone, L. V., and Bailey.)
Baker, Chester A., Omaha, Nebr. Elastic-fluid compressor. 1,568,708; Jan. 5.
Baker, John S., Los Angeles, Calif. Interlocking mechanism for voting machines. 1,568,709; Jan. 5.
Ball, Alfred J., assignor to The General Fireproofing Company, Youngstown, Ohio. Rod-fastening device for card drawers. 1,568,202; Jan. 5.
Ballou, David M., assignor to Rex Mfg. Co., Providence, R. I. Clip for pencils. 1,568,950; Jan. 5.
Ballou, David M., Mansfield, Mass., assignor to Rex Manufacturing Co., Providence, R. I. Mechanically-operated lead pencil. 1,568,951; Jan. 5.
Baltimore Salesbook Company, The. (See Clement, George C., assignor.)
Barault, Georges, Brussels, Belgium. Heating stove. 1,568,866; Jan. 5.
Barber, Howard M., assignor to C. B. Cottrell & Sons Company, Stonington, Conn. Sheet-feed guide mechanism. 1,568,540; Jan. 5.
Bargar, Frederick C., assignor to Nu-Ex-Fire Appliance Company, Columbus, Ohio. Fire-extinguishing apparatus. 1,568,795; Jan. 5.

Barker, Robert W., Providence, R. I., assignor to E. A. Taft, trustee, Brookline, Mass. Knot-tying implement. 1,568,311; Jan. 5.

Barlow, Orrin G., Davenport, Iowa. Ignition-switch lever. 1,568,125; Jan. 5.

Barr, Sidney U., Brooklyn, N. Y. Casement window. 1,568,865; Jan. 5.

Barrett Company, The. (See Howell, Kenneth B., assignor.)

Barron, Bernard M. (See Clement, H., and Barron.)

Barry, Carlos A., Sutherland, Iowa. Tractor hitch. 1,568,867; Jan. 5.

Barton, Theophilus F., Schenectady, N. Y., assignor to General Electric Company. Voltage-regulating system. 1,568,710; Jan. 5.

Bassett, Frederic B., Washington, D. C. Combined telephone seat and desk. Des. 69,170; Jan. 5.

Bassett, Harry P., Cynthiana, Ky., and M. R. Isaacs, Philadelphia, Pa., assignors to United Products Corporation of America. Composition of matter. 1,568,044; Jan. 5.

Bassett, Robert S., Buffalo, N. Y. Liquid strainer. 1,568,126; Jan. 5.

Bates, George E., Syracuse, N. Y. Direction indicator for motor vehicles. 1,568,495; Jan. 5.

Bates, Jesse G., Chicago, Ill. Stapling machine. 1,568,260; Jan. 5.

Baxter, Hector M., Battle Creek, Iowa. Grass-cutting attachment for graders. 1,568,439; Jan. 5.

Beach, H. D., Company. (See Gibson, Francis W., assignor.)

Bean, George L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for operating on rubber articles. 1,568,541; Jan. 5.

Bebel, Abraham. (See Generich, Arnold, assignor.)

Becker, August M., New York, N. Y. Can opener. 1,568,312; Jan. 5.

Beebe, Daniel S., Chicago, Ill., assignor to The Vitrolite Company, Parkersburg, W. Va. Anchor between vitreous slabs arranged at an angle to each other. 1,568,944; Jan. 5.

Behr, Allen H., Brooklyn, N. Y. Tennis racket. 1,568,127; Jan. 5.

Behringer, Emil, Brooklyn, N. Y. Combination water heater. 1,568,440; Jan. 5

Bell & Howell Company. (See Howell, Albert S., assignor.)

Bendix Brake Company. (See Thomas, George J., assignor.)

Benjamin, Bert R. (See Johnston, E. A., Benjamin, and Pearson.)

Bennett, Harry T., G. B. Murphy, and L. G. Story, Tulsa, Okla. Product derived from acid sludge and making the same. 1,568,261; Jan. 5.

Berens, Bernice B. B. (See Horn, M. G., and Berens.)

Berg, William, et al. (See Djuberg, Adolph F., assignor.)

Berge, Joseph, assignor to A C Spark Plug Company, Flint, Mich. Magnet mechanism for magnetic speedometers. 1,568,040; Jan. 5.

Berger, Christian, New York, N. Y., assignor to F. L. Sawyer, Evanstown, Ill. Mechanism for depositing coins or other objects. 1,568,711; Jan. 5.

Bergman, Lars H., assignor to Raymond Bros. Engineering Co., Chicago, Ill. Apparatus for pulverizing and feeding fuel to furnaces. 1,568,945; Jan. 5.

Bergstrom, Carl O., assignor to B. F. Sturtevant Company, Boston, Mass. Dynamo-electric machine. 1,568,262; Jan. 5.

Berkey, Dwight L. (See Griffin, M. C., and Berkey.)

Bernard, Lon A., Houston, Tex. Shade-roller-operating mechanism. 1,568,203; Jan. 5.

Bernet, John J., Cleveland, Ohio. Locomotive terminal and method of salvaging fire. 1,568,542; Jan. 5.

Bertrand, Frederic E., Lynn, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in making shoes. 1,568,045; Jan. 5.

Bertron, Ernest, Brussels, Belgium. Telephonic and radiotelephonic message or audition by means of fluid resistances. 1,568,046; Jan. 5.

Beshears, Clarence J., Memphis, Tenn., assignor of one-half to H. C. Agnew, Washington, D. C. Automatic means for indicating the condition of air-brake mechanism on trains. 1,568,041; Jan. 5.

Best, Frank E., Inc. (See Best, Frank E., assignor.)

Best, Frank E., Inc. (See Moritz, H. K., and Harp, assignors.)

Best, Frank E., assignor to Frank E. Best, Inc., Seattle, Wash. Mortise lock. 1,568,441; Jan. 5.

Bibb, William C., Louisa, Va. Check book. 1,568,128; Jan. 5.

Biedinger, Vera, et al. (See Tull, W. C., and Bristol, assignors.)

Biles, Alfred F., Portland, Oreg. Manufacture of wooden panel doors. 1,568,395; Jan. 5.

Billows, Arthur J., London, England. Machine for filling and sealing bottles. 1,568,129; Jan. 5.

Bisey, Sunker A., New York, N. Y. Typographical casting machine. 1,568,047; Jan. 5.

Bishop, George E., Cleveland, Ohio. Pocket in automobile tops. 1,568,712; Jan. 5.

Bixby, Walter, assignor to Shawmut Engineering Company, Boston, Mass. Supporting means for tube-frame spools. 1,568,396; Jan. 5.

Black, Henry M. (See Smythe, Richard M., assignor.)

Blackmon, Ben C., Dallas, Tex. Support for collapsible container tubes. 1,568,868; Jan. 5.

Blackwell, Howard, Youngstown, Ohio. Multidisk phonograph. 1,568,130; Jan. 5.

Blade, Frank L., Sycamore, Ill. Tractor hitch. 1,568,204; Jan. 5.

Blair, Rolandis A., Fort Wayne, Ind., assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,568,713; Jan. 5.

Blanchfield, Elizabeth L., San Pedro, Calif. Stop and direction indicator. 1,568,361; Jan. 5.

Blankenship, John C., Austin, Tex. Attachment plugs. 1,568,584; Jan. 5.

Bliss, Frank S., Portland, Oreg. Flying machine. 1,568,205; Jan. 5.

Bluhm, Harold J., Muskegon Heights, Mich., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del. Bowling pin. 1,568,313; Jan. 5.

Boberg, Teofron. (See Söderlund O., Boberg and Testrup.)

Bocchino, Ernest, Passaic, assignor to Up To Date Manufacturing Co., Inc., Jersey City, N. J. Sound-producing device. 1,568,543; Jan. 5.

Boes, Heinrich, Bonn, Germany. Clamping chuck. 1,568,869; Jan. 5.

Bohne, Walter T., et al. (See Miller, Fred A., assignor.)

Bonine, Charles E., Melrose Park, assignor to Antiscale Corporation, Philadelphia, Pa. Prevention of scaling and encrustation. 1,568,714; Jan. 5.

Bonnell, William A., Brooklyn, N. Y. Cable-box anchorage. 1,568,131; Jan. 5.

Borden Company, The. (See Mitton, William E., assignor.)

Borgerd, William F. (See Burger, L. F., and Borgerd.)

Borisof, Morris, Chicago, Ill. Folding chair. 1,568,715; Jan. 5.

Büsebeck, Emil, Barmen, Germany, assignor to M. Henkels, New York, N. Y. Manufacture of lace with body bearing leaflike figures. 1,568,048; Jan. 5.

Boulton, George E., Detroit, Mich. Grapple. 1,568,716; Jan. 5.

Bousfield, Alfred, assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Weighing scale. Des. 69,171; Jan. 5.

Boutelle, William H. (See Schumacher, E. L., and Boutelle.)

Bowman, Newton K., Bowdil, Ohio. Mining-machine chain link and tooth. 1,568,870; Jan. 5.

Bradley, George W., assignor of one-half to B. P. Medford, Avery, Tex. Wrench. 1,568,132; Jan. 5.

Bradley, Josiah, Brooklyn, N. Y. Retort slicing device. 1,568,263; Jan. 5.

Braemer, William G. R., Cranston, R. I., assignor to American Moistening Company. Air-conditioning apparatus. 1,568,717; Jan. 5.

Brandes Laboratories, Inc. (See Gerns, William H., assignor.)

Brandt, Matthew A., Minneapolis, Minn. Playing cards. 1,568,206; Jan. 5.

Brattland, Clara G., Ada, Minn. Air motor. 1,568,718; Jan. 5.

Braucht, Benjamin E., Crosby, N. Dak. Demountable rim for vehicles. 1,568,207; Jan. 5.

Brecht, Leonard J. (See Krueger, L. C., and Brecht.)

Breer, Carl, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Oil filter. 1,568,796; Jan. 5.

Brennan-Taylor Corporation. (See Taylor, Huston, assignor.)

Brennan, Thomas H., Chicago, Ill. Construction for inductances. 1,568,871; Jan. 5.

Bried, Julien A., Oakland, Calif. Shoe-positioning device for skates. 1,568,264; Jan. 5.

Briggs, Milton O., Muscatine, Iowa. Window curtain and shade supporting bracket. 1,568,872; Jan. 5.

Brigham, Albert H., Whitman, Mass. Feeding mechanism for nail, tack, and similar machines. 1,568,719; Jan. 5.

Brigham-Hopkins Company. (See Robson, William H., assignor.)

Briscoe, John W., Ingram, Pa. Chuck. 1,568,049; Jan. 5.

Bristol, Roy J. (See Tull, W. C., and Bristol.)

Broadwell, Harry M., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Inclosed switch. 1,568,042; Jan. 5.

Brockbank, Clarence J., assignor to Abrasive Company, Philadelphia, Pa. Manufacturing artificial abrasives. 1,568,873; Jan. 5.

Brooks, Milton, Esperance, N. Y. Gradometer. 1,568,133; Jan. 5.

Brooks, Warren W., and R. E. Rough, Burbank, Calif. Folding ironing board. 1,568,797; Jan. 5.

Brown, Glenne W., Hobart, Ind. Ball bearing for shear tables. 1,568,362; Jan. 5.

Brown, Henry B., assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer mounting. 1,568,315; Jan. 5.

Brown, Orin B. (See Little, Frederick B., assignor.)

Browns, Thomas H. (See Williams, Elmer R., assignor.)

Brune, Herbert M., et al., trustees. (See Charles C. L., and Drenning, assignors.)

Brune, Louis J., sr., Algiers, La. Electric-wire connecter. 1,568,585; Jan. 5.

Brunswick-Balke-Collender Company. (See Bluhm, Harold J., assignor.)

Bryngelson, Verner. (See Lidbeck, K., and Bryngelson.)

Bryson, Robert, Vancouver, British Columbia, Canada. Color-printing device. 1,568,651; Jan. 5.

Bucher, John W. (See Akins, R. P., Bucher, and Gross.)

Budd, Edward G., assignor to Budd Wheel Company, Philadelphia, Pa. Mill and method for rolling tapered disks. 1,568,050; Jan. 5.

Budd, Edward G., Manufacturing Company. (See Mendowcroft, Joseph W., assignor.)

Budd Wheel Company. (See Budd, Edward G., assignor.)

Budd Wheel Company. (See Butz, William, assignor.)

Buelna, Guadalupe, Santa Barbara, Calif. Automatic fluid control. 1,568,720; Jan. 5.

Buensod, Alfred C., assignor to The Tobacco Treating Co., Inc., New York, N. Y. Artificially curing green tobacco. 1,568,316; Jan. 5.

Buffalo Brake Beam Company. (See Crone, Seth A., assignor.)

Bullington, Frank A., assignor to Bullington Motors, Kansas City, Mo. Divided-charge rotary engine. 1,568,051; Jan. 5.

Bullington, Frank A., assignor to Bullington Motors, Kansas City, Mo. Internal-combustion engine. 1,568,052; Jan. 5.

Bullington, Frank A., assignor to Bullington Motors, Kansas City, Mo. Multicylinder rotary engine. 1,568,053; Jan. 5.

Bullington Motors. (See Bullington, Frank A., assignor.)

Burdette, Otis H., Atlanta, Ga. Penholder. 1,568,496; Jan. 5.

Burger, Leopold F., and W. F. Borgerd, Riverside, assignor to International Harvester Company, Chicago, Ill. Fuel nozzle. 1,568,134; Jan. 5.

Burke, Frank L., assignor of one-half to Indiana Lamp Corporation, Connersville, Ind., and one-half to General Motors Corporation, Detroit, Mich. Headlamp reflector. 1,568,652; Jan. 5.

Burlew, Gilderoy O., Newark, N. J. Tooth wedge. 1,568,054; Jan. 5.

Burns, Edward C., assignor to J. E. Burns, Winona, Minn. Brake system. 1,568,497; Jan. 5.

Burns, John E. (See Burns, Edward C., assignor.)

Burton, Nelson S., Ardmore, Okla. Rotary well drill. 1,568,055; Jan. 5.

Burwood Corporation, The. (See Gruber, Morris M., assignor.)

Butcher, John H., Rugby, and A. P. Young, Kenilworth, England, assignors to General Electric Company. Telephone hand set. 1,568,721; Jan. 5.

Butler, Harry G., and A. F. Teichman, Cincinnati, Ohio, and E. Carr, Ludlow, Ky. Concrete mixer. 1,568,653; Jan. 5.

Butterfield, Gordon B., et al. (See Tull, W. C., and Bristol, assignors.)

Buttress, George A., and C. F. Craig, assignors to R. Goodcell, Los Angeles, Calif. Composition board. 1,568,314; Jan. 5.

Butz, William, assignor to Budd Wheel Company, Philadelphia, Pa. Metal-cutting tool. 1,568,056; Jan. 5.

C. G. Spring & Bumper Company. (See Jandus, Herbert S., assignor.)

Cabaniss, Royston, Atlanta, Ga. Window construction. 1,568,874; Jan. 5.

Caliver, Ambrose, Nashville, Tenn. Work cabinet. 1,568,498; Jan. 5.

Callahan, Harold. (See Tschappat, Sheridan P., assignor.)

Camblin, Robert G., assignor of one-half to A. R. Edmondson, Bartlesville, Okla. Headlight for automobiles. 1,568,875; Jan. 5.

Camel Company. (See Nystrom, Karl F., assignor.)

Campbell, Nelson L., and A. M. Herbsman, Los Angeles, Calif. Cylindrical protractor. 1,568,876; Jan. 5.

Campbell, Robert P., Attica, Kans. Clean-air lead for tractor fuel systems. 1,568,722; Jan. 5.

Campbell, Stephen B., et al. (See Williams, Elmer R., assignor.)

Cannon, Hiram B., Metuchen, N. J. Furnace or oven. 1,568,317; Jan. 5.

Carlson, Frank W., Oilfields, Calif. Heavy-duty bearing. 1,568,318; Jan. 5.

Carr, Edward. (See Butler, H. G., Teichman, and Carr.)

Carr, Richard H., assignor to The Pure Oil Company, Columbus, Ohio. Outlet structure for oil containers. 1,568,057; Jan. 5.

Carrillon, Charles, assignor of one-half to J. M. Klamon, St. Louis, Mo. Making reenforced-concrete walls. 1,568,265; Jan. 5.

Carrillon, Charles, assignor of one-third to J. M. Klamon, St. Louis, Mo. Reenforced-concrete wall section. 1,568,266; Jan. 5.

Carroll, William J., West Haven, assignor to Sargent & Company, New Haven, Conn. Panic-bolt lock. 1,568,135; Jan. 5.

Carter, James E., et al. (See Dargue, Walter, assignor.)

Carter, Clarence W., assignor to Carter-Mayhew Manufacturing Company, Minneapolis, Minn. Scalper. 1,568,267; Jan. 5.

Carter-Mayhew Manufacturing Company. (See Carter, Clarence W., assignor.)

Carter, William, Company, The. (See Redmond, Harriet L., assignor.)

Carver, Ray C., Grand Junction, Colo. Adjustable angle wrench. 1,568,442; Jan. 5.

Case, J. I., Threshing Machine Company. (See MacGregor, Wallace F., assignor.)

Caterpillar Tractor Co. (See Udall, Phillip A., assignor.)

Cathcart, Joseph M., Merriton, Ontario, assignor of one-half to E. S. Crabtree, Montreal, Quebec, Canada. Paper-making machine. 1,568,363; Jan. 5.

Caver, William H., Boonville, Miss. Skillet. 1,568,798; Jan. 5.

Caywood, Lemuel J., Monterey Park, Calif. Bag rack. 1,568,877; Jan. 5.

Cement Gun Construction Co. (See Dewey, Clarence L., assignor.)

Chalmers, Samuel, North Andover, and F. J. Foley, assignors of one-third to H. C. Straker, Methuen, Mass. Shuttle check. 1,568,654; Jan. 5.

Chambers, James G., Montreal, Quebec, Canada. Cover. 1,568,878; Jan. 5.

Champion, Albert, assignor to A C Spark Plug Company, Flint, Mich. Terminal connecter for spark plugs. 1,568,655; Jan. 5.

Charles, Carl L., and P. R. Drenning, assignors, by mesne assignments, to H. M. Brune, C. E. Scarlett, and J. Fisher, trustees, Baltimore, Md. Railway-car truck. 1,568,058; Jan. 5.

Chelotti, Italo. (See Farmer, Thomas E., assignor.)

Chemical Foundation, Incorporated, The. (See Joyce, Asa W., assignor.)

Chicago Crucible Company. (See Crosser, David H., assignor.)

Chilton, Roland, and F. A. Hayes, Keyport, N. J., assignors to Aeromarine Plane & Motor Company. Torsion meter. 1,568,544; Jan. 5.

Christian, Edwin B., Wallace, Idaho. Stovepipe thimble. 1,568,879; Jan. 5.

Christie, John, assignor to Eastman Kodak Company, Rochester, N. Y. Camera bellows construction. 1,568,656; Jan. 5.

Chrysler Corporation. (See Breer, Carl, assignor.)

Church, Edgar D., Saginaw, Mich. Dumping device. 1,568,208; Jan. 5.

Citizens Savings and Trust Company, The, operating trustee. (See Melanowski, Leo, assignor.)

Claessens, Frederick C. (See Leonard, Frank P., assignor.)

Clark, James, and J. E. Walborn, assignors to S. R. Dresser Manufacturing Company, Bradford, Pa. Wrought-metal repair device for pipe lines. 1,568,268; Jan. 5.

Clark, Perry B., Columbus, Ohio. Loom lock. 1,568,799; Jan. 5.

Clark, Perry B. (See Thompson, Ralph D., assignor.)

Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Looper-actuating mechanism for sewing machines. 1,568,397; Jan. 5.

Clement, Edward E., Washington, D. C. System of radio broadcast distribution. 1,568,938; Jan. 5.

Clement, Edward E., assignor to E. F. Colladay, Washington, D. C. System for radio broadcast distribution. 1,568,939; Jan. 5.

Clement, George C., assignor to The Baltimore Salesbook Company, Baltimore, Md. Combined pad or leaf holding and locking device for manifolding sales books. 1,568,059; Jan. 5.

Clement, Hans, New York, and B. M. Barron, Mount Vernon, N. Y., assignors to General Optical Company, Inc. Optical instrument. 1,568,586; Jan. 5.

Clements, George P., et al. (See Jaeger, Henry G., assignor.)

Clinginsmith, John F., New Castle, Pa. Evaporator. 1,568,364; Jan. 5.

Cluett, Peabody & Company, Inc. (See Hess, John W., assignor.)

Cockburn, William J., Superb, Saskatchewan, Canada. Shocking machine. 1,568,365; Jan. 5.

Coe, Willis A., Trenton, Nebr. Oil can. 1,568,657; Jan. 5.

Cogswell, Wilton W., Colorado Springs, Colo. Toy aeroplane. 1,568,319; Jan. 5.

Coldwell, Harry T., Arlington, N. J., assignor of one-third to W. H. Mable and one-third to H. E. Lex, Newburgh, N. Y. Golf-hole-cup flag holder, base, and flag. 1,568,320; Jan. 5.

Coldwell, Harry T., Arlington, N. J., assignor of one-third to W. H. Mable and one-third to H. E. Lex, Newburgh, N. Y. Golf-hole cup and tool for inserting and extracting said cup. 1,568,321; Jan. 5.

Coleman, Ada, and I. A. Coleman, Baltimore, Md. Adjustable book cover. 1,568,723; Jan. 5.

Coleman, Isadore A. (See Coleman, Ada and I. A.)

Colgan, Leonard J., New York, assignor to Tuttle & Bailey Manufacturing Company, Brooklyn, N. Y. Register constant-lock-operating attachment. 1,568,545; Jan. 5.

Colladay, Edward F. (See Clement, Edward E., assignor.)

Collier, Guy B., Kinderhook, N. Y. Wrist pin for reciprocating engines. 1,568,209; Jan. 5.

Colstad, Charles N., Norfolk Downs, Mass. Windshield wiper. 1,568,210; Jan. 5.

Comey, R. H., Brooklyn Company. (See Geisler, Edgar W., assignor.)
Commercial Solvents Corporation. (See Littmann, Edwin R., assignor.)
Compagnie des Forges & Acieries de la Marine & d'Homecourt. (See Rimailho, Emile, assignor.)
Conant, Arthur P., Fort Thomas, assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase bow. Des. 69,172; Jan. 5.
Conklin, Vernon A., Belmar, N. J., assignor of one-half to H. A. Wilson, New York, N. Y. Envelope. 1,568,880; Jan. 5.
Conrad, Frederick A. (See Martens, Albert L., assignor.)
Conrad, Henry S., trustee. (See Lundquist, F. A., and Kropp, assignors.)
Conrader, Rudolph, Erie, Pa. Pump-controlling mechanism. 1,568,499; Jan. 5.
Conrader, Rudolph, Erie, Pa. Pump-controlling mechanism. 1,568,500; Jan. 5.
Constantinesco, George, Weybridge, England. Carburetor. 1,568,881; Jan. 5.
Continental Can Company. (See Assmann, Frederick M., assignor.)
Continental Can Company. (See Robinson, Daniel P., assignor.)
Conwell, Simon W., assignor of one-tenth to J. Porter, Mineral Wells, Tex., and one-tenth to D. C. Kuder, Hopeville, Iowa. Combined seat and desk. 1,568,211; Jan. 5.
Cook, Howard A., Southfield, Mass. Flexible hide shafting. 1,568,546; Jan. 5.
Cooke, Alfred C., South Manchester, Conn. Truss. 1,568,501; Jan. 5.
Cormier, Alfred J., Long Beach, Calif. Expansible packing mechanism for pistons. 1,568,269; Jan. 5.
Coss, Clare C., Grand Rapids, assignor of one-half to H. R. James, Lake City, Mich. Computing or multiplying machine. 1,568,800; Jan. 5.
Cossey, John C. G. (See Mitchell, J., and Cossey.)
Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
Cowdrey, Charles F., Fitchburg, Mass. Brake-testing device for automobiles. 1,568,801; Jan. 5.
Cowdrey, Charles F., Fitchburg, Mass. Brake-testing device for automobiles. 1,568,802; Jan. 5.
Cowdrey, Charles F., Fitchburg, Mass. Brake-testing device for automobiles. 1,568,803; Jan. 5.
Cowdrey, Charles F., Fitchburg, Mass. Brake-testing device for automobiles. 1,568,804; Jan. 5.
Cowley, James T., Syracuse, N. Y. Power-control device. 1,568,805; Jan. 5.
Cowley, James T., assignor to The Lamson Company, Syracuse, N. Y. Power controller for pneumatic-dispatch systems. 1,568,398; Jan. 5.
Cowley, James T., assignor to The Lamson Company, Syracuse, N. Y. Power-control apparatus. 1,568,806; Jan. 5.
Cox, Frank P., Lynn, Mass., assignor to General Electric Company. Pressure-responsive instrument for flow meters and the like. 1,568,724; Jan. 5.
Coyne, Anthony E., New York, N. Y. Burglar alarm. 1,568,882; Jan. 5.
Crabtree, Edwin S. (See Cathcart, Joseph M., assignor.)
Crabtree, John I., assignor to Eastman Kodak Company, Rochester, N. Y. Preservative for motion-picture films. 1,568,658; Jan. 5.
Craig, Charles F. (See Buttress, G. A., and Craig.)
Craig, Orvel J., Minneapolis, Minn. Advertising device. 1,568,060; Jan. 5.
Crews, Clarence M., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,568,725; Jan. 5.
Crone, Seth A., East Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Making brake-beam fulcrums. 1,568,322; Jan. 5.
Cross, Stoughton P., Hartsdale, assignor to The McCabe Hanger Mfg. Co., New York, N. Y. Door hanger. 1,568,270; Jan. 5.
Crosser, David H., assignor to Chicago Crucible Company, Chicago, Ill. Treating metals and composition therefor. 1,568,271; Jan. 5.
Crowell, Frank S., assignor to The Edward N. Riddle Company, Toledo, Ohio. Lighting-fixture bracket. Des. Des. 69,173; Jan. 5.
Crowell, Frank S., assignor to The Edward N. Riddle Co., Toledo, Ohio. Bracket back for lighting fixture. Des. 69,174; Jan. 5.
Crump, Wiley A., Humble, Tex. Garden implement. 1,568,136; Jan. 5.
Curran, Jerome P., assignor to The American Bottle Company, Toledo, Ohio. Bottle. Des. 69,176; Jan. 5.
Curtis & Curtis Co., The. (See Schmelz, Charles F., assignor.)
Curtis, Myron S. (See Tibbetts, R. W., and Curtis.)
Cusack, Thomas, Company. (See Griesinger, Herman A., assignor.)
Cushman, Charles C., Auburn, Me. Oil burner. 1,568,587; Jan. 5.
Cushman, Charles C., Auburn, Me. Fuel-burner control. 1,568,588; Jan. 5.
Cygan, Joseph J., Thompsonville, Conn. Silver chest. 1,568,212; Jan. 5.
Dahm, Paul J., Fort Wayne, Ind. Roof and laying the same. 1,568,807; Jan. 5.
Dahme, Norman F., and A. L. Thanos, La Porte, Ind. Dispensing device. 1,568,137; Jan. 5.
Damato, Frank. (See Nitz, George, assignor.)
Danielson, Ernest G., San Francisco, Calif. Knob. 1,568,883; Jan. 5.
Danquard, Thomas, Newark, N. J., assignor to Auto Pneumatic Action Company, New York, N. Y. Tracking mechanism for music sheets. 1,568,659; Jan. 5.
Dargue, Walter, assignor of one-half to J. E. Carter and S. A. Wright, Halifax, England. Belt fastener. 1,568,443; Jan. 5.
Durimont, Leopold, Brussels, Belgium. Microphone. 1,568,884; Jan. 5.
Davidson, John M. (See Smith, D. A., and Davidson.)
Davis, Tenney L., Somerville, Mass. Explosive. 1,568,502; Jan. 5.
Davison, William E., and W. B. Marshall, Fellows, Calif. Fishing tool. 1,56,8,808; Jan. 5.
Day, William H., East Haven, assignor to Index Visible, Inc., New Haven, Conn. Device for transferring records. 1,568,809; Jan. 5.
Day, William R., Cleveland, Ohio. Piston. 1,568,547; Jan. 5.
Decker Manufacturing Co. (See Decker, William J., assignor.)
Decker, William J., Detroit, Mich., assignor to Decker Manufacturing Company. Curtain window. 1,568,138; Jan. 5.
Dees, Charles W., Ellensburg, Wash. Enamel-cleaning compound. 1,568,323; Jan. 5.
Dehn, William M., Seattle, Wash. Manufacturing adhesive blends of sodium nitrate and ammonium nitrate for explosive purposes. 1,568,324; Jan. 5.
Delaney, William, Denver, Colo. Rail anchor. 1,568,213; Jan. 5.
De Michell, Mario, Genoa, Italy. Testing tool for insulation. 1,568,366; Jan. 5.
Derby, Edgar C., Moberly, Mo. Board-forcing tool. 1,568,885; Jan 5.
Derr, Guy R., Santa Margarita, Calif. Steering post for automobiles. 1,568,367; Jan. 5.
Derwent, Watson E., assignor to Geo. D. Roper Corporation, Rockford, Ill. Cooking chart. 1,568,952; Jan. 5.
D'Espujols, Robert L., La Varenne, St. Hilaire, France. Boiler-supply system. 1,568,503; Jan. 5.
De Voe, Albert H., Westfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 1,568,399; Jan. 5.
De Vries, Reinier P., Melrose, Mass. Machine for filling containers. 1,568,444; Jan. 5.
Dewey, Clarence L., Michigan City, Ind. Fish lure. 1,568,325; Jan. 5.
Dewey, Clarence L., Wilmette, assignor to Cement Gun Construction Co., Chicago, Ill. Device for feeding comminuted material to a conduit. 1,568,139; Jan. 5.
Diago, Federico G., Habana, Cuba. Gravity register. 1,568,272; Jan. 5.
Diamond Match Company, The. (See Gottschalk, Karl P., assignor.)
Diller, Charles F., Lancaster, Pa. Plant spray. 1,568,445; Jan. 5.
Djuberg, Adolph F., Minneapolis, Minn. Beet topper. 1,568,811; Jan. 5.
Djuberg, Adolph F., assignor of one-eighth to W. Berg and one-eighth to C. Linquist, Minneapolis, Minn. Beet harvester. 1,568,810; Jan. 5.
Dooley, Benjamin F., Port Arthur, Tex. Valve. 1,568,940; Jan. 5.
Doolittle, Thomas C. (See Anderson, Carl, assignor.)
Douglas, George B., Seattle, Wash. Clothesrack. 1,568,446; Jan. 5.
Downs, Mary G., administratrix. (See Downs, William F.)
Downs, William F., deceased, Chatham, N. J.; M. G. Downs, administratrix. Treatment of low-boiling hydrocarbons. 1,568,812; Jan. 5.
Downs, William F., deceased, Chatham, N. J.; M. G. Downs, administratrix. Purifying hydrocarbon liquids. 1,568,813; Jan. 5.
Draper Corporation. (See Stafford, Alfred E., assignor.)
Draper Corporation. (See Stone, Melvin L., assignor.)
Draver, Emil R., Richmond, Ind. Exhaust cut-out. 1,568,061; Jan. 5.
Drenning, Percy R. (See Charles, C. L., and Drenning.)
Dresser, S. R., Manufacturing Company. (See Clark, J., and Walborn.)
Drolshammer, Ivar, Drammen, Norway. Valve mechanism for compressed air-brakes. 1,568,368; Jan. 5.
Dubbs, Carbon P., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Apparatus for cracking hydrocarbon oils. 1,568,400; Jan. 5.
Duckham, Arthur M., and J. S. Morgan, assignors to Thermal Industrial and Chemical (T. I. C.) Research Company, Limited, London, England. Heating material at successively different temperatures. 1,568,886; Jan. 5.
Duerk, Franklin L. (See Smalenberger, Edward A., assignor.)
Duff, Albert L., and J. W. Matheson, Brooklyn, N. Y.; said Duff assignor to said Matheson. Wardrobe trunk. 1,568,814; Jan. 5.

Dufwa, Frederick W., Mexico, Mexico. Maintaining the equilibrium of flying machines. 1,568,887; Jan. 5.
Duggan, Glen R., Binger, Okla. Funnel. 1,568,504; Jan. 5.
Dumas, George A., assignor of one-half to H. L. Handy, sr., Springfield, Mass. Device for delivering a measured quantity of ice cream. 1,568,660; Jan. 5.
Dunn, William, Palo Alto, Calif. Golf club. 1,568,888; Jan. 5.
Durant Engineering Corporation. (See Meyers, John M., assignor.)
Eastman Kodak Company. (See Christie, John, assignor.)
Eastman Kodak Company. (See Crabtree, John I., assignor.)
Eastman Kodak Company. (See Gutekunst, Guerney O., assignor.)
Eastman Kodak Company. (See Hutchings, Charles E., assignor.)
Eastman Kodak Company. (See Riggs, Garshom A., assignor.)
Eastman Kodak Company. (See Speidel, Charles F., assignor.)
Easy-On Cap Company, The. (See Reid, James S., assignor.)
Eckstein, Reuben, New York, N. Y. Electric-lamp socket. 1,568,815; Jan. 5.
Eclipse Textile Devices, Inc. (See Hasbrouck, Louis B., assignor.)
Eddington, George D., assignor to Eddington Loud Speaker Inc., Salt Lake City, Utah. Loud speaker. 1,568,589; Jan. 5.
Eddington Loud Speaker Inc. (See Eddington, George D., assignor.)
Edelson, Leon, Baltimore, Md. Game card. 1,568,548; Jan. 5.
Edge, Dexter, Pittsburgh, and J. A. Hunter, Ben Avon, Pa. Pressure gauge. 1,568,140; Jan. 5.
Edmond, Oscar G., assignor of one-half to White Pine Sash Company, Spokane, Wash. Woodworking machine. 1,568,062; Jan. 5.
Edmondson, Anthony R. (See Camblin, Robert G., assignor.)
Edmunds & Jones Corporation. (See Godley, Charles E., assignor.)
Ehnborn, Charles B., assignor to Thomas Cusack Company, Chicago, Ill. Sign-letter plate. 1,568,326; Jan. 5.
Elder, Donald, Onehunga, Auckland, New Zealand. Apparatus for watering areas of land. 1,568,214; Jan. 5.
Electro Metallurgical Company. (See MacQuigg, Charles E., assignor.)
Eliasson, Axel S., New York, N. Y. Retainer clip. 1,568,889; Jan. 5.
Elliott, A. Harlan, et al. (See Anderson, Roy H., assignor.)
Elliott Company. (See Musselman, Joseph F., assignor.)
Elliott, George, and H. M. Walker, Kansas City, Mo., assignors, by mesne assignments, to International Patents Development Company. Ear-feeding apparatus. 1,568,661; Jan. 5.
Ellsworth, Lloyd E. (See Valley, Coburn F., assignor.)
Elsasser, Henry W., New York, N. Y., assignor to American Telephone and Telegraph Company. Frequency selective circuits. 1,568,141; Jan. 5.
Elsasser, Henry W., New York, N. Y., assignor to American Telephone and Telegraph Company. Frequency selective circuits. 1,568,142; Jan. 5.
Elsasser, Henry W., New York, N. Y., assignor to American Telephone and Telegraph Company. Frequency selective circuits. 1,568,143; Jan. 5.
Elsasser, Henry W., New York, N. Y., assignor to American Telephone and Telegraph Company. Frequency selective circuits. 1,568,144; Jan. 5.
Elsasser, Henry W., New York, N. Y., assignor to American Telephone and Telegraph Company. Frequency filter for electric currents. 1,568,145; Jan. 5.
Elson, Harry A., assignor, by mesne assignments, to F. W. Slingerland, Los Angeles, Calif. Fireplace. 1,568,816; Jan. 5.
Emerich, Leonard, assignor to Illinois Watch Case Company, Elgin, Ill. Case holder. 1,568,890; Jan. 5.
Engbersen, Bertha M., administratrix. (See Niemes, J., and Engbersen.)
Engbersen, Harry B. (See Niemes, J., and Engbersen.)
England, William A. (See Hauge, O., and England.)
Ernst, Christian F., Manchester, Mich. Saw attachment for vehicles. 1,568,146; Jan. 5.
Esch, Paul H., Manitowoc, Wis. Motor shield. 1,568,590; Jan. 5.
Espenschied, Lloyd, Queens, N. Y., assignor to American Telephone and Telegraph Company. Repeater circuits. 1,568,891; Jan. 5.
Eutin, William, Chicago, Ill. Window construction. 1,568,327; Jan. 5.
Everett, Samuel J., Thornton Heath, England. Production of metal tubing and of tubular metal articles or instruments. 1,568,369; Jan. 5.
Evleth, Earl M., assignor to St. Paul Welding & Manufacturing Company, St. Paul, Minn. Torch. 1,568,726; Jan. 5.
F. Ad. Richter & Cie. A. G. Baukastenfabrik. (See Strub, Otto H., assignor.)
Fagen, Abraham A., Minneapolis, Minn. Baby holder. 1,568,063; Jan. 5.
Fahrney, Marjorie A. (See Fahrney, Milton H., assignor.)
Fahrney, Milton H., assignor to M. A. Fahrney, Culver City, Calif. Extension table. 1,568,370; Jan. 5.
Fairbank, Kellogg, et al., executors. (See Harvey, George L.)
Fairbanks, E. and T., and Company. (See Bousfield, Alfred, assignor.)
Fairbanks, E. and T., and Company. (See Valle, P. A., and Roy, assignors.)
Falkenwalde, Oscar, assignor to R. H. Lyon, Baltimore, Md. Automatic valve cut-off. 1,568,817; Jan. 5.
Farmer, Thomas E., Stockett, assignor of one-half to I. Chelotti, Black Eagle, Mont. Curtain-pole, drapery-rod, and shade-roller support. 1,568,818; Jan. 5.
Favata, Joseph, jr., Buffalo, N. Y. Fastener for barbers' hair cloths and the like. 1,568,819; Jan. 5.
Fechner, Martin. (See Fechner, Reinhold M., assignor.)
Fechner, Reinhold M., assignor of one-fourth to M. Fechner, Milwaukee, Wis. Dolly-stretcher frame. 1,568,591; Jan. 5.
Fedco Number Plate Corporation. (See Wheeler, W. H., and Logan, assignors.)
Fellman, Harry J., Hastings, Nebr. Linen-cutting machine. 1,568,592; Jan. 5.
Felten and Guilleaume Carlswerk Actien-Gesellschaft. (See Schürer, Eugen, assignor.)
Fenlason, Charles F., jr., assignor of one-fourth to H. C. Wilder and one-fourth to L. F. Lehr, Malone, N. Y. Apparatus for forming annular blanks for the manufacture of rubber tubes. 1,568,820; Jan. 5.
Ferrodesherbeuse Scheuchzer Societe Anonyme. (See Scheuchzer, Auguste, assignor.)
Festary, Jose D., Santiago De Cuba, Cuba. Endless traction tread. 1,568,371; Jan. 5.
Fey, Louis, Long Beach, Calif. Bermuda-grass cutter. 1,568,549; Jan. 5.
Firestone Tire and Rubber Company, The. (See Hargraves, Albert, assignor.)
Fischbacher, Philip, Quincy, Ill. Refrigerating apparatus. 1,568,147; Jan. 5.
Fisher, David, assignor to Paden City Glass Manufacturing Company, Paden City, W. Va. Tumbler. Des. 69,175; Jan. 5.
Fisher, Janon, et al., trustees. (See Charles, C. L., and Drenning, assignors.)
Fishleigh, Walter T., Detroit, Mich. Nonglare lens and lamp therefor. 1,568,505; Jan. 5.
Fiske, Bradley A., New York, N. Y. Reading machine. 1,568,148; Jan. 5.
Fitzgerald, Maurice F., assignor to The Fitzgerald Manufacturing Company, Winsted, Conn. Electric grill. 1,568,593; Jan. 5.
Fitzgerald Manufacturing Company, The. (See Fitzgerald, Maurice F., assignor.)
Flanagan, Malcolm T., Spokane, Wash. Hand tool for forming bit wings. 1,568,372; Jan. 5.
Fleming, Cornelius S., Berkeley, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Paint. 1,568,215; Jan. 5.
Flint, George B., Kaysville, Utah. Conveying mechanism. 1,568,594; Jan. 5.
Florence, Eugene A., San Simeon, Calif. Self-locking nut. 1,568,821; Jan. 5.
Foley, Frederick J. (See Chalmers, S., and Foley.)
Force, Howard J., Scranton, Pa. Rail steel. 1,568,822; Jan. 5.
Ford, Ernest L., Darlington, England. Ventilator of the ejector type. 1,568,373; Jan. 5.
Forsyth, Valoris L., Fort Worth, Tex. Deep-well pump. 1,568,447; Jan. 5.
Foss, William A., Cleveland, Ohio. Fishing reel. 1,568,149; Jan. 5.
Foster, Theodore C., assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Container. 1,568,150; Jan. 5.
Foster, Theodore W., assignor to Theodore W. Foster & Bro. Company, Providence, R. I. Vanity case. 1,568,151; Jan. 5.
Foster, Theodore W., & Bro. Co. (See Foster, Theodore C., assignor.)
Foster, Theodore W., & Bro. Co. (See Noble, Arthur H., assignor.)
Fostoria Glass Company. (See Magee, William H., assignor.)
Fowler, Fred D., assignor to Hood Rubber Company, Watertown, Mass. Straight-side bead flapping machine. 1,568,823; Jan. 5.
Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Method and apparatus for heating rolls. 1,568,892; Jan. 5.
Frank, John J., Pittsfield, Mass., assignor to General Electric Company. Corrugated-sheet-metal casing. 1,568,727; Jan. 5.
Freeman, George C., assignor to Antiscale Corporation, Philadelphia, Pa. Protection of metallic surfaces. 1,568,728; Jan. 5.
Freeman, Norman, Cambridge, Mass. Identification and sales tag. 1,568,595; Jan. 5.
Freeman, William A., Sycamore, Ga. Insecticide-applying machine. 1,568,448; Jan. 5.
French, Elsamur S., Denver, Colo. Electric handsaw and grooving machine. 1,568,328; Jan. 5.
Freund, Guillermo, Lima, Peru. Action for player pianos. 1,568,824; Jan. 5.

Freyn Engineering Company. (See Fox, Gordon, assignor.)
Frieman, Jacob G., St. Paul, Minn., and W. A. Rankin, Oak Park, Ill.; said Rankin assignor to said Frieman. Combination signal device for vehicles. 1,568,662; Jan. 5.
Friend, Hardy A., Marshalltown, Iowa. Automobile steering gear. 1,568,825; Jan. 5.
Fritz, Philip, Grand Rapids, Mich. Ice-cream cabinet. 1,568,216; Jan. 5.
Fröhlich, Jaroslav. (See Riber, E., and Fröhlich, assignors.)
Frost, William, Fulton, Mich. Fencepost. 1,568,596; Jan. 5.
Füber, Maximilian, Lubeck, Germany. Lock with several tumblers. 1,568,663; Jan. 5.
Fuller Fuel Company. (See Jones, Michael D., assignor.)
Fulton, George E. (See Larner, Daniel, assignor.)
Furgason, Raymon B. (See Neiswender C. W., and Furgason.)
Gallagher, Martin F., San Francisco, Calif. Shoe. 1,568,893; Jan. 5.
Gallemore, Sadie E., Casper, Wyo. Garment. 1,568,826; Jan. 5.
Garden City Feeder Company. (See Van Howveling, Arthur C., assignor.)
Gardner, Florinda, assignor of one-half to D. Alexander, Salt Lake City, Utah. Child's garment. 1,568,449; Jan. 5.
Garod Corporation. (See Rodman, Isaac P., assignor.)
Gault, Clyde, et al. (See Williams, Elmer R., assignor.)
Gautier, Trevor R., assignor to Nashua Gummed & Coated Paper Company, Nashua, N. H. Strip-serving machine. 1,568,506; Jan. 5.
Gearon, Kathryne. Camden, N. J. Post-card cabinet. 1,568,729; Jan. 5.
Gebrüder Hardy Maschinenfabrik und Giesserei A.-G. (See Rihosek, J., and Leuchter, assignors.)
Gehrking, George H., Elk Mound, Wis. Harvester. 1,568,450; Jan. 5.
Geisler, Edgar W., assignor to R. H. Comey Brooklyn Company, Brooklyn, N. Y. Preparing straw braid for bleaching. 1,568,664; Jan. 5.
Gelly, Evans, Quebec, Quebec, Canada. Propulsion device. 1,568,665; Jan. 5.
General Electric Company. (See Barton, Theophilus F., assignor.)
General Electric Company. (See Butcher J. H., and Young, assignors.)
General Electric Company. (See Cox, Frank P., assignor.)
General Electric Company. (See Frank, John J., assignor.)
General Electric Company. (See Griffin, M. C., and Berkey, assignors.)
General Electric Company. (See Hepperlen, John A., assignor.)
General Electric Company. (See Leddick, George S., assignor.)
General Electric Company. (See Marcellus, Fredrick S., assignor.)
General Electric Company. (See Moore, Roy W., assignor.)
General Electric Company. (See Pollock, Alan A., assignor.)
General Electric Company. (See Ruggles, William A., assignor.)
General Electric Company. (See Seiz, Walter, assignor.)
General Electric Company. (See Warner, John C., assignor.)
General Electric Company. (See Warren, Henry E., assignor.)
General Fireproofing Company, The. (See Ball, Alfred J., assignor.)
General Fireproofing Company, The. (See Schmitz, Fred A., assignor.)
General Motors Corporation, et al. (See Burke, Frank L., assignor.)
General Motors Corporation. (See Parker, Victor C., assignor.)
General Motors Corporation. (See Waller, Einar, assignor.)
General Motors Corporation. (See White, John W., assignor.)
General Motors Research Corporation. (See Summers, Caleb E., assignor.)
General Optical Company. (See Clement, H., and Barron, assignors.)
General Tire and Rubber Company, The. (See Iredell, Robert, assignor.)
Generich, Arnold, assignor to A. Bebel, New York, N. Y. Electric-fan blade. 1,568,946; Jan. 5.
Gerns, William H., East Orange, assignor, by mesne assignments, to Brandes Laboratories, Inc., Newark, N. J. Apparatus for testing telephone receivers. 1,568,827; Jan. 5.
Gibson, Alexander T., Oakland, Calif. Clamp for window locks. 1,568,374; Jan. 5.
Gibson, Earl S. (See Williams, S. B., and Gibson.)
Gibson, Francis W., West Roxbury, Mass., assignor to H. D. Beach Company, Coshocton, Ohio. Display stand. 1,568,941; Jan. 5.
Gibson, Guy T., New Rochelle, N. Y. Perfume bottle. Des. 69,177; Jan. 5.
Gibson, John A., Washington, D. C. Can opener and stopper. 1,568,828; Jan. 5.
Gillespie, Charles, New Braunfels, Tex. Railway signal. 1,568,152; Jan. 5.
Gillett, Eugene, Long Beach, Calif. Lath rack or holder. 1,568,375; Jan. 5.
Gleason, C. Roy, Chicago, Ill. Minnow bucket. 1,568,730; Jan. 5.
Godley, Charles E., assignor to Edmunds & Jones Corporation, Detroit, Mich. Connecter sleeve. 1,568,666; Jan. 5.
Goff, Wetzel, Weston, W. Va. Battery indicator. 1,568,829; Jan. 5.
Goldman, David H., Cleveland, Ohio. Antislipping device for shoe soles and heels. 1,568,064; Jan. 5.
Goodcell, Rex. (See Buttress, G. A., and Craig, assignors.)
Goodrich, B. F., Company, The. (See MacDonald, Frank J., assignor.)
Goodwin, George D., McRae, Mont. Leg rest for chairs. 1,568,217; Jan. 5.
Goodyear Tire & Rubber Company, The. (See Morse, Herman E., assignor.)
Goodyear Tire & Rubber Company, The. (See Snyder, Robert W., assignor.)
Goodyear Tire & Rubber Company. (See Sohl, Ralph W., assignor.)
Gormley, Charles W., Mount Morris, N. Y. Washing machine. 1,568,597; Jan. 5.
Gottesman, Osias M., and I. Rosenfeld, New York, N. Y., assignors to Harvey Instrument Co., Inc. Holder. 1,568,550; Jan. 5.
Gottschalk, Karl P., Dresden, Germany, assignor, by mesne assignments, to The Diamond Match Company, Chicago, Ill. Match-making machine. 1,568,153; Jan. 5.
Gould Coupler Company, The. (See Sauvage, William H., assignor.)
Gould, Harry G., assignor to Gould Manufacturing Company, Oshkosh, Wis. Running gear for coaster wagons. 1,568,218; Jan. 5.
Gould Manufacturing Company. (See Gould, Harry G., assignor.)
Goyne, William E., Brooklyn, N. Y. Spring system for vehicles. 1,568,551; Jan. 5.
Grabler, Peter, Rocky River, Ohio. Copyholder apparatus. 1,568,552; Jan. 5.
Grabler, Peter, Rocky River, Ohio. Copyholder apparatus. 1,568,553; Jan. 5.
Graham, James E., et al. (See Thomson, Elihu, assignor.)
Grant, Benjamin F., Los Angeles, Calif. Ironing board. 1,568,376; Jan. 5.
Graves, Carl R., Clarion, Iowa. Highway-crossing signal system. 1,568, 219; Jan. 5.
Graves, Carl R., Clarion, Iowa. Highway-crossing signal system. 1,568,219; Jan. 5.
Gray, Harry, Houston, Tex. Cock. 1,568,451; Jan. 5.
Green, George F., Texico, N. Mex. Weeder. 1,568,377; Jan. 5.
Greenberg, Jacob, Rochester, N. Y. Altering waistline of trousers. 1,568,329; Jan. 5.
Greenidge, Samuel M., Washington, D. C. Automatic mechanism for raising liquids. 1,568,221; Jan. 5.
Gribojedoff, Nicolai, Rastatt, Germany. Internal-combustion engine. 1,568,378; Jan. 5.
Griesedieck, Harry L. (See Moody, C. S., and Oepts, assignors.)
Griesinger, Herman A., assignor to Thomas Cusack Company, Chicago, Ill. Electrically-illuminated sign. 1,568,273; Jan. 5.
Griffin, Marvin C., Lynn, Mass., and D. L. Berkey, Philadelphia, Pa., assignors to General Electric Company. Shaft bearing. 1,568,731; Jan. 5.
Griffith, Charles R., Portland, Oreg. Roll for carrying fabric conveyer belts of paper-making machines. 1,568,401; Jan. 5.
Grimes, David, Grasmere, N. Y., assignor to Grimes Radio Engineering Co. Inc. Condenser. 1,568,274; Jan. 5.
Grimes Radio Engineering Co. (See Grimes, David, assignor.)
Gross, Frederick D. (See Akins, R. P., Bucher, and Gross.)
Grossman, Jacob, Maspeth, N. Y. Vehicle jack. 1,568,452; Jan. 5.
Gruber, Morris M., Brooklyn, N. Y., assignor to The Burwood Corporation, Scranton, Pa. Framing device for motion-picture machines. 1,568,598; Jan. 5.
Grubman, Leo J., New York, N. Y., assignor to Voices, Incorporated, Newark, N. J. Sound-producing reed. 1,568,275; Jan. 5.
Gulf Refining Company. (See McAfee, Almer M., assignor.)
Gulf Refining Company. (See Prichard, G. L., and Henderson, assignors.)
Gunderson, Herbert, Stanley, Wis. Waste-oil pan. 1,568,830; Jan. 5.
Gunn, Ross, Dayton, Ohio. Constant-frequency source. 1,568,065; Jan. 5.
Gutekunst, Gurney O., assignor to Eastman Kodak Company, Rochester, N. Y. Carbocyanine dyes and making same. 1,568,667; Jan. 5.
Hanse, Rudolph S., Houston, Tex. End fastener for music-roll sheets. 1,568,453; Jan. 5.

Hackenberg, Otto, Paterson, N. J. Bow shuttle. 1,568,599; Jan. 5.
Hackmann, Frederick, Chicago, Ill. Rail-elevating jack. 1,568,600; Jan. 5.
Hahn, William O. (See Ruiz, Ignacio, assignor.)
Haley, Reuben, Beaver, Pa. Headlight reflector. 1,568,942; Jan. 5.
Hall, Wilfred. (See Turner, Marshall A., assignor.)
Hamill, Charles C., Randsburg, Calif. Amalgamating means. 1,568,276; Jan. 5.
Hamme, Richard F., jr., Wilmington, N. C. Hydrocycle. 1,568,831; Jan. 5.
Hanschen, Walter. (See Symmes, W., and Hanschen.)
Handy, Herbert L., sr. (See Dumas, George A., assignor.)
Hannon, Anna M., Wabek, and W. Lennon, Overly, N. Dak. Table. 1,568,154; Jan. 5.
Hanovia Chemical and Mfg. Co. (See Robinson, F. W., and Knapp, assignors.)
Hanson, Mandus, Muskegon, Mich. Mold. 1,568,601; Jan. 5.
Harding, Jesse S., Stoughton, Mass. Shoe hanger. 1,568,330; Jan. 5.
Hargraves, Albert, assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Resilient tire. Des. 69,178; Jan. 5.
Harp, Franklin H. (See Moritz, H. K., and Harp.)
Harris, Elmer E., Memphis, Tenn., Floor waxing and polishing brush. 1,568,602; Jan. 5.
Harris, John, Cleveland, Ohio. Blowpipe. 1,568,331; Jan. 5.
Harris, John, Cleveland, Ohio. Blowpipe. 1,568,332; Jan. 5.
Harris, Vernon J., Cleveland, Ohio. Piston pin. 1,568,833; Jan. 5.
Harrison, Adria L., Oakland, Calif. Thumb-sucking preventer. 1,568,668; Jan. 5.
Harrison, Frank B., Toledo, Ohio. Dust guard. 1,568,554; Jan. 5.
Harrison, John A., and O. A. Waschatz, West Richmond, Victoria, Australia. Apparatus for the manufacture of composition building sheets or slabs. 1,568,832; Jan. 5.
Hart, Thomas A., Danbury, Conn. Slipping device for neckties. 1,568,454; Jan. 5.
Harter, Isaac, jr., Dongan Hills, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Water-tube boiler. 1,568,555; Jan. 5.
Hartley, Frank P., Bangor, Me. Shade-roller winding and holding device. 1,568,379; Jan. 5.
Hartshorn, Harry J., Herne Bay, England. Display stand for tobacco pipes and smokers' accessories. Des. 69,179; Jan. 5.
Hartvig, Christian E., El Reno, Okla. Attaching device for electric cables. 1,568,603; Jan. 5.
Harvey, George L., deceased; by H. A. Harvey and K. Fairbank, executors, Chicago, Ill. Bolster cushion. 1,568,333; Jan. 5.
Harvey, Helen A., et al., executors. (See Harvey, George L.)
Harvey Instrument Co. (See Gottesman, O. M., and Rosenfeld, assignors.)
Hasbrouck, Louis B., Elmira, assignor to Eclipse Textile Devices, Inc., Elmira Heights, N. Y. Yarn cleaner. 1,568,277; Jan. 5.
Hasbrouck, Louis B., Elmira, assignor to Eclipse Textile Devices, Inc., Elmira Heights, N. Y. Yarn cleaner. 1,568,278; Jan. 5.
Haslinger, Franz, Vienna, Austria. Automatically-supported device for the direct examination of the larynx. 1,568,732; Jan. 5.
Hastings, H. Gibson, et al. (See Anderson, Roy H., assignor.)
Hathaway, Edgar F., Wellesley, assignor to Shawmut Engineering Company, Boston, Mass. Spool-retarding means for tuft frames. 1,568,402; Jan. 5.
Hauge, Oscar, and W. A. England, assignors to Parent Cone Company, San Francisco, Calif. Ice-cream-cone package. 1,568,834; Jan. 5.
Hauser & Weil. (See Hauser, Leopold, assignor.)
Hauser, Leopold, assignor to Hauser & Weil, New York, N. Y. Hatbox. 1,568,733; Jan. 5.
Hawley, John B., jr., Fort Worth, Tex. Internal-combustion engine. 1,568,835; Jan. 5.
Hawley, John B., jr., Fort Worth, Tex. Well pumping machine. 1,568,836; Jan. 5.
Hawmack Manufacturing Company, The. (See McNair, Charles, assignor.)
Hayes, Frank A. (See Chilton, R., and Hayes.)
Haywood, Jack S., Petersburg, Ill. Auxiliary attachment for internal-combustion engines. 1,568,837; Jan. 5.
Heath, Frederick, assignor to Heath Unit Tile Company, Tacoma, Wash. Fireproof hollow wall construction. 1,568,155; Jan. 5.
Heath Unit Tile Company. (See Heath, Frederick, assignor.)
Hedenburg, Oscar F., Pittsburgh, Pa., assignor to F. O. Moburg, Toledo, Ohio. Fungicide and insecticide composition. 1,568,455; Jan. 5.
Heim Grinder Company, The. (See Reeves, Milton O., assignor.)
Hellerman, Adolph C., assignor to Wolf, Sayer & Heller, Chicago, Ill. Making sausage casings. 1,568,734; Jan. 5.
Hemmer, Albert, Lincoln, assignor of one-half to Harold A. Schneider, Newmarket, N. J. Combined tail-light and license-tag illuminator. 1,568,222; Jan. 5.
Henderson, Herbert. (See Prichard, G. L., and Henderson.)
Henkels, Max. (See Bösebeck, Emil, assignor.)
Henricks, William, Pharr, Tex. Stalk cutter. 1,568,604; Jan. 5.
Hepperlen, John A., East Orange, N. J., assignor to General Electric Company. Motor controller. 1,568,735; Jan. 5.
Herbsman, Abraham M. (See Campbell, N. I., and Herbsman.)
Herskovitz, Abraham, New York, N. Y., assignor to Peerless Light Company, Chicago, Ill. Multiple-plug receptacle. 1,568,156; Jan. 5.
Herskovitz, Max, deceased, Chicago, Ill.; W. Herskovitz and C. Weinfeld, executors. Adjustable strap for electric-lighting fixtures. 1,568,279; Jan. 5.
Herskovitz, William, et al., executors. (See Herskovitz, Max.)
Hess, Francis M., Whiting, Ind. Method of and apparatus for effecting continuous distillation. 1,568,157; Jan. 5.
Hess, John W., Kitchener, Ontario, Canada, assignor to Cluett, Peabody & Company, Inc., Troy, N. Y. Fold-over collar. 1,568,158; Jan. 5.
Heyman, Henry B., New York, N. Y. Garter package. 1,568,838; Jan. 5.
Heywood, Charles F., Detroit, Mich. High-pressure valve. 1,568,159; Jan. 5.
Heywood-Wakefield Company. (See Lloyd, Marshall B., assignor.)
Hibbert, William, Victoria, British Columbia, Canada. Combined salt and pepper shaker. 1,568,160; Jan. 5.
Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Lens polisher. 1,568,066; Jan. 5.
Hirsch, Louis, Weehawken, and H. Zahn, Union, N. J. Straight-frame knitting machine. 1,568,953; Jan. 5.
Hoar Shovel Company. (See von Mehren, Erick, assignor.)
Hocker, Carl D., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Coating composition. Re16,240; Jan. 5.
Hodgman, Emma A., executrix. (See Hodgman, Willis K. and W. K., jr.)
Hodgman, Willis K., decensed, and W. K. Hodgman, jr., Taunton, Mass.; Emma A. Hodgman, executrix. Drypipe valve. 1,568,839; Jan. 5.
Hodgman, Willis K., jr. (See Hodgman, Willis K. and W. K., jr.)
Hoerner, Milton, Hummelstown, Pa. Recorder. 1,568,280; Jan. 5.
Hohfelder, Alfred L. (See Kacirek, Frank, assignor.)
Hokanson, Otto A., assignor to Woodstock Typewriter Company, Woodstock, Ill. Typewriter. 1,568,736; Jan. 5.
Holley, Earl. (See Meloche, Daniel H., assignor.)
Holmes, Thomas J., Boston, Mass. Nebulizer. 1,568,840; Jan. 5.
Holst, Hans J., Hildreth, Nebr. Loose-leaf binder. 1,568,403; Jan. 5.
Hood Rubber Company. (See Fowler, Fred D., assignor.)
Horn, Mabel G., and B. B. Berens, Philadelphia, Pa. Character-reading device. 1,568,841; Jan. 5.
Hotchkiss, William R., St. Paul, Minn. Safety paper. Des. 69,180; Jan. 5.
Hough, Azel C., assignor to Hough Shade Corporation, Janesville, Wis. Color striping wood strips. 1,568,605; Jan. 5.
Hough Shade Corporation. (See Hough, Azel C., assignor.)
Howard, Arthur S., Golton South, via Luveck, Victoria, Australia. Scraper. 1,568,842; Jan. 5.
Howard, Clarence B., Oakland, Calif. Vehicle wheel. 1,568,456; Jan. 5.
Howell, Albert S., assignor to Bell & Howell Company, Chicago, Ill. Photographic-film magazine. 1,568,067; Jan. 5.
Howell, Frank B., Buffalo, N. Y. Boiler jacket. 1,568,556; Jan. 5.
Howell, Kenneth B., Maplewood, N. J., assignor to The Barrett Company. Continuous pulp beater. 1,568,068; Jan. 5.
Howson, Charles T., Silver Creek, N. Y. Roller mill. 1,568,223; Jan. 5.
Hubbard, Frank C., Dennis, Tex. Saw attachment for vehicles. 1,568,843; Jan. 5.
Hubbard, William J., Yarmouth, Nova Scotia, Canada. Mechanical cushion roll for spinning frames. 1,568,334; Jan. 5.
Huempfner, Ferdinand W., assignor of one-third to Mid-States Gummed Paper Company and one-third to G. F. Schilling, Chicago, Ill. Printing press. 1,568,161; Jan. 5.
Huff, Wellman K., Guy, N. Mex. Pinto-bean-harvesting machine. 1,568,844; Jan. 5.
Hull, Cloice B., Cleveland, Ohio. Soldering solution. 1,568,669; Jan. 5.
Humphrey, George F., Bridgetown, assignor to Appo-Krisp Limited, Kentville, Nova Scotia, Canada. Fruit and cereal product and method of producing same. 1,568,162; Jan. 5.

Hunt, Rowland, London, England. Box or carton for electric lamps. 1,568,845; Jan. 5.
Hunter, John A. (See Edge, D., and Hunter.)
Hunter, Thomas M. (See Snodgrass, H. E., and Hunter.)
Husband, Ottie L., Thurman, Iowa. Mold for the manufacture of cement blocks. 1,568,335; Jan. 5.
Hutchings, Charles E., assignor to Eastman Kodak Company, Rochester, N. Y. Bellows support for cameras. 1,568,670; Jan. 5.
Hutchings, Charles E., assignor to Eastman Kodak Company, Rochester, N. Y. Rising front for cameras. 1,568,671; Jan. 5.
Hutton, Asbury B., Indian Head, Pa. Compound for grease. 1,568,606; Jan. 5.
Huyck, F. C., & Sons. (See Wilson, Ezekiel J., assignor.)
Illinois Watch Case Company. (See Emerich, Leonard, assignor.)
Index Visible, Inc. (See Day, William H., assignor.)
Indiana Lamp Corporation et al. (See Burke, Frank L., assignor.)
Ingerö, Karl. (See Ruths, J., Ingerö, and Schrenk.)
International Harvester Company. (See Anderson, Emil F., assigonr.)
International Harvester Company. (See Burger, L. F., and Borgerd, assignors.)
International Harvester Company. (See Johnston, E. A., Benjamin, and Pearson, assignors.)
International Patents Development Company. (See Elliott G., and Walker, assignors.)
International Signal Co., The. (See Webb, Jean F., jr., assignor.)
Iredell, Robert, assignor to The General Tire and Rubber Company, Akron, Ohio. Resilient tire. Des. 69,181; Jan. 5.
Irish, David J. (See Strachan, C., and Irish.)
Isaacs, Mone R. (See Bassett, H. P., and Isaacs.)
Isensee, Otto K., El Monte, Calif. Attachment for steering wheels and the like. 1,568,737; Jan. 5.
Jaeger, Henry G., Rose Hill, assignor of one-fourth to E. R. Lambertson, one-fourth to G. P. Clements, Eagle Rock City, and one-fourth to J. Schneider, Los Angeles, Calif. Railway-tie composition and process. 1,568,507; Jan. 5.
James, Howard R. (See Coss, Clare C., assignor.)
James, Thomas, jr., Philadelphia, Pa. Air-brake system. 1,568,336; Jan. 5.
Jandus, Herbert S., assignor to The C. G. Spring & Bumper Company, Detroit, Mich. Bumper. 1,568,557; Jan. 5.
Jandus, Herbert S., assignor to The C. G. Spring & Bumper Company, Detroit, Mich. Bumper. 1,568,558; Jan. 5.
Jenkins, Isaac T., Tunkhannock, Pa. Squib. 1,568,069; Jan. 5.
Jennens, William N., Kansas City, Mo. Making artificial stone. 1,568,070; Jan. 5.
Johns-Manville Incorporated. (See Pilliod, Frederic L., assignor.)
Johnson, Augusta S., Brooklyn, assignor to Model Brassiere Co., Inc., New York, N. Y. Brassière. 1,568,457; Jan. 5.
Johnston, Edward A., Chicago, B. R. Benjamin, Oak Park, and C. Pearson, Chicago, Ill., assignors to International Harvester Company. Power-driven implement. 1,568,163; Jan. 5.
Johnson, Elmer, Warren, Ariz. Switch attachment. 1,568,508; Jan. 5.
Jones, Hilton I., and F. M. Pinkerton, Wilmette, Ill. Sleeping-car ladder. 1,568,846; Jan. 5.
Jones, John E., West Frankfort, Ill., dedicated, by mesne assignments, to the People of the United States of America. System of arresting mine explosions. 1,568,281; Jan. 5.
Jones, Michael D., Allentown, Pa., assignor to Fuller Fuel Company. Drying materials. 1,568,738; Jan. 5.
Joslin, William E., Sarcoxie, Mo. Post or stake puller. 1,568,741; Jan. 5.
Joyce, Asa W., Newark, N. J., assignor to The Chemical Foundation, Incorporated, New York, N. Y. Vat dyes of the thioindigo series. 1,568,458; Jan. 5.
Judelson, Julius, New York, N. Y. Drier. Re16,244; Jan. 5.
Jung, Henry, Ladysmith, Wis. Rye-bread-baking utensil. 1,568,742; Jan. 5.
Junghans, Oskar, Schramberg, Germany. Clockwork-testing machine. 1,568,404; Jan. 5.
Junkunc, John, Chicago, Ill. Limb-securing device for Christmas trees. 1,568,607; Jan. 5.
Kacirek, Frank, assignor to A. L. Hohlfelder, Cleveland, Ohio. Toy vehicle. 1,568,459; Jan. 5.
Kahn, Bernard J., Denver, Colo. Bricklayers' jointer. 1,568,337; Jan. 5.
Kaisling, William, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Service meter. 1,568,164; Jan. 5.
Karafiat, Josef, Schwechat, near Vienna, Austria. Bearing metal. 1,568,224; Jan. 5.
Karron, David, Brooklyn, N. Y. Machine for producing frame parts. 1,568,739; Jan. 5.
Karp, George, Long Island City, N. Y. Disappearing telephone table. 1,568,165; Jan. 5.
Kaser, Walter, Baltic, Ohio. Automatic train-control system. 1,568,847; Jan. 5.
Keene, William A., Kansas City, Kans. Internal-combustion engine. 1,568,071; Jan. 5.
Kellendorfer, Richard, Munich, Germany. Starting switch. 1,568,848; Jan. 5.
Keller, John C., assignor of one-half to F. B. Smith, Chicago, Ill. Pneumatic footwear construction. 1,568,405; Jan. 5.
Kellogg, Edward E., Norwalk, assignor of one-half to A. T. Smith, Los Angeles, Calif. Vehicle wheel. 1,568,672; Jan. 5.
Kellogg Switchboard and Supply Company. (See Kaisling, William, assignor.)
Kelly, William E., Cleveland, Ohio. Tire. 1,568,559; Jan. 5.
Kelvinator Corporation. (See Spreen, Charles C., assignor.)
Kilby Frog & Switch Company. (See Yolton, Robert E., assignor.)
Kinnear, Eugene C., Evanston, assignor to Anakin Lock & Alarm Co., Chicago, Ill. Burglarproof auxiliary lock. 1,568,740; Jan. 5.
Kirby, James B., West Richfield, Ohio. Ironing machine. 1,568,166; Jan. 5.
Kitto, Thomas J., Wichita Falls, Tex. Automatic hose-winding reel. 1,568,743; Jan. 5.
Klamon, Joseph M. (See Carrillon, Charles, assignor.)
Klein, Adolph, New York, N. Y. Box construction. 1,568,608; Jan. 5.
Kleinsmith, George, Pine Knot, Calif. Portable camp stove. 1,568,849; Jan. 5.
Knapp, Kenneth V. (See Robinson, F. W., and Knapp.)
Knezevich, Milan, Akron, Ohio. Battery. 1,568,851; Jan. 5.
Knowles, Carroll, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Spring back rest for automatic grinders. 1,568,673; Jan. 5.
Knowles, Thomas B., Oakland, Calif. Stereopticon slide. 1,568,674; Jan. 5.
Koch, Hans, Dietikon, near Zurich, Switzerland. Drawing and writing desk. 1,568,850; Jan. 5.
Koehler Manufacturing Company. (See Albee, William H., assignor.)
Kohl, Alexander. (See Legler, E., jr., and Kohl.)
Kohler, Emil N. (See Kohler, Paul H. and E. N.)
Kohler, Paul H. and E. N., St. Marys, Ohio. Game apparatus. 1,568,852; Jan. 5.
Kohlhepp, John W., Chicago, Ill. Carcass-scalding machine. 1,568,282; Jan. 5.
Kolling, Charles H., and R. Prietz, Jersey City, N. J., assignors of three-eighths to O. O. Lauckner, Hoboken, and three-eighths to O. A. Weissenborn, Jersey City, N. J. Theft-alarm switch for automobiles. 1,568,509; Jan. 5.
Kortes, John H., Telluride, Colo. Adjustable clamp. 1,568,225; Jan. 5.
Krailing, Jacob H., East Haven, Conn. Box covering. Des. 69,182; Jan. 5.
Kronewitter, Carl H., Mishawaka, Ind. Automobile signal switch. 1,568,744; Jan. 5.
Kropp, John A. (See Lundquist, F. A., and Kropp.)
Krueger, Louis C., and L. J. Brecht, Iowa City, Iowa. Foot-measuring device. 1,568,072; Jan. 5.
Kuder, David C., et al. (See Conwell, Simon W., assignor.)
Kuen, Eugene A., assignor, by mesne assignments, to The American Flatlite Company, Cincinnati, Ohio. Making reflectors. 1,568,283; Jan. 5.
Kulage, Domnick, and R. O. Oakley, assignors to Peerless Weatherstrip and Caulking Company, St. Louis, Mo. Weather strip. 1,568,284; Jan. 5.
Kunkle, Joseph, Indianapolis, Ind. Ironing board. 1,568,167; Jan. 5.
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,568,338; Jan. 5.
Kwasigroch, Roman S., Cudahy, Wis. Longéron and station brace for aeroplane fuselages. 1,568,510; Jan. 5.
Kyle, John, Philadelphia, Pa. Printer's clamp. 1,568,745; Jan. 5.
Lackner Products Corporation. (See Lackner, Rolph J., assignor.)
Lackner, Rolph J., New York, assignor to Lackner Products Corporation, Brooklyn, N. Y. Safety device for swinging scaffolds. 1,568,285; Jan. 5.
Lacy Manufacturing Company. (See Pearne, Frank Y., assignor.)
Lake, Clarke R., Kansas City, Mo. Locker. 1,568,073; Jan. 5.
Lambertson, Everett R., et al. (See Jaeger, Henry G., assignor.)
Lampe, Joseph, et al. (See Tull, W. C., and Bristol, assignors.)
Lamson Company, The. (See Cowley, James T., assignor.)
Lamson Company, The. (See Maclaren, James G., assignor.)
Land, Charles H., jr., Detroit, Mich. Semitrailer. 1,568,560; Jan. 5.
Land, Charles H., jr., assignor of one-half to W. H. Wilson, Detroit, Mich. Trailer. 1,568,168; Jan. 5.
Lane, Joseph P., New York, N. Y. Stove burner and water heater. 1,568,853; Jan. 5.
Larner, Daniel, assignor of one-third to G. E. Fulton, Warren, Ohio. Steel-casting apparatus. 1,568,854; Jan. 5.

Larsh, Everett P., Dayton, Ohio. Short circuiters for electric motors. 1,568,675; Jan. 5.
Larson, Erick, Paullina, Iowa. Automatic currier. 1,568,226; Jan. 5.
Lauckner, Oscar O., et al. (See Kolling, C. H., and Prietz, assignors.)
Lawaczeck, Franz, Enzianhof, Pocking, Germany. Producing blade faces for water turbines, pumps, and other centrifugal machines. 1,568,746; Jan. 5.
Lawrance, Henry, Birtle, Manitoba, Canada. Cow-tail holder. 1,568,747; Jan. 5.
Lawson, Alfred W., New York, N. Y. Passenger compartment. 1,568,855; Jan. 5.
Lebby, States L., Corning, N. Y. Focusing means for light projectors. 1,568,169; Jan. 5.
Le Bret, Ludwig, Charlottenburg, Germany. Pump. 1,568,170; Jan. 5.
Le Bus, John E., Electra, assignor of one-half to Shaw and Rathke, Wichita Falls, Tex. Automatic sheave. 1,568,406; Jan. 5.
Leddick, George S., Schenectady, N. Y., assignor to General Electric Company. Switch assembly. 1,568,748; Jan. 5.
Lee, William A., Wichita, Kans. Traffic signal. 1,568,407; Jan. 5.
Leftwich, Jesse H., Chicago, Ill. Alimentary product and making same. 1,568,339; Jan. 5.
Legler, Edward, jr., and A. Kohl, Fresno, Calif.; said Kohl assignor to said Legler. Reed wind musical instrument. 1,568,460; Jan. 5.
Lehmann, Erich, Berlin-Charlottenburg, Germany. Compensating the copying intensity of cinematographic picture films. 1,568,511; Jan. 5.
Lehr, Lewis F., et al. (See Fenlason, Charles F., jr., assignor.)
Lenzel, William L., assignor to The Nolde & Horst Co., Reading, Pa. Drop-stitch mechanism for knitting machines. 1,568,749; Jan. 5.
Lennon, William. (See Hannon, A. M., and Lennon.)
Leonard, Albert P., New York, N. Y. Method and apparatus for the manufacture of sugar. 1,568,512; Jan. 5.
Leonard, Frank P., assignor of one-half to F. C. Claessens, Troy, N. Y. Roofing. 1,568,227; Jan. 5.
Leppert, Henry E., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Knife-blade switch. 1,568,676; Jan. 5.
Leuchter, Richard L. (See Rihosek, J., and Leuchter.)
Lewis, Thomas A., New York, N. Y. Ball. 1,568,513; Jan. 5.
Lewis, Thomas A., New York, N. Y. Playing ball. 1,568,514; Jan. 5.
Lewis, Thomas J., New York, N. Y. Vanity case. Des. 69,183; Jan. 5.
Lex, Henry E., et al. (See Coldwell, Harry T., assignor.)
Lidbeck, Karl, and V. Bryngelson, Niagara, Wis. Swinging-door check. 1,568,856; Jan. 5.
Lietz, Felix E., Buffalo, N. Y. Roofing construcion. 1,568,750; Jan. 5.
Ligon, William M., Lynchburg, Va. Paper-bag rack. 1,568,515; Jan. 5.
Lindhard, Povl T., Brooklyn, assignor to F. L. Smidth & Co., New York, N. Y. Pump. 1,568,751; Jan. 5.
Lindhard, Povl T., Brooklyn, assignor to F. L. Smidth & Co., New York, N. Y. Ball-grinding mill. 1,568,752; Jan. 5.
Lindmueller, Edward, Cleveland, Ohio. Washing machine. 1,568,074; Jan. 5.
Lindquist, Carl, et al. (See Djuberg, Adolph F., assignor.)
Lippert, George A., Dubuque, Iowa. Concealed ironing board. 1,568,228; Jan. 5.
Lipshitz, Julius E. (See Littlejohn, C. F., and Lipshitz.)
Little, Frederick B., Chicago, Ill., assignor, by mesne assignments, to O. B. Brown, St. Louis, Mo. Portable electric lamp. 1,568,947; Jan. 5.
Littlejohn, Charles F., and J. E. Lipshitz, New Haven, Conn. Corset, girdle, and the like. 1,568,894; Jan. 5.
Littlewood, Herman, Nacozari, Mexico, assignor to Smith Engineering Works, Milwaukee, Wis. Rotary grizzly. 1,568,561; Jan. 5.
Littmann, Edwin R., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Paint and varnish remover and making the same. 1,568,753; Jan. 5.
Lloyd, Marshall B., Menominee, Mich., assignor to Heywood-Wakefield Company, Boston, Mass. Producing woven-reed articles. 1,568,075; Jan. 5.
Longue, Benedict J., St. Paul, Minn. Windshield cleaner and heater. 1,568,229; Jan. 5.
Logan, Judson C. (See Wheeler, W. H., and Logan.)
Lomax, Clarence E., assignor to Automatic Electric Company, Chicago, Ill. Automatic telephone system. 1,568,754; Jan. 5.
Low, Alvin H., Los Angeles, Calif. Machine for pumping fluids from wells. 1,568,516; Jan. 5.
Lowe, Harry F. (See Thompson, Henry R., assignor.)
Lufkin Rule Co. (See Schleicher, John A., assignor.)
Lund, George H., assignor to Rothschild Colortype Company, Chicago, Ill. Printing sample color cards and the like. 1,568,076; Jan. 5.
Lundgaard, Ivar, assignor to The Automatic Refrigerating Company, Hartford, Conn. Refrigerating machine. 1,568,230; Jan. 5.
Lundquist, Frank A., and J. A. Kropp, Chicago, Ill., assignors to H. S. Conrad, trustee, Kansas City, Mo. Automatic telephone system. 1,568,755; Jan. 5.
Lyon, George A. (See Starck, William A., assignor.)
Lyon, Robert H. (See Falkenwalde, Oscar, assignor.)
Lyons, Francis P., Manchester, N. H., assignor to G. W. Pearson, trustee, Lowell, Mass. Bungalow trailer. 1,568,895; Jan. 5.
Mabey, Charles W., Indianapolis, Ind. Glove former. 1,568,078; Jan. 5.
Mable, William, et al. (See Coldwell, Harry T., assignor.)
MacDonald, Frank J., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for shaping plastic material. 1,568,562; Jan. 5.
MacGregor, Wallace F., assignor to J. I. Case Threshing Machine Company, Racine, Wis. Combination harvester thrasher. 1,568,679; Jan. 5.
MacFarlane, Arthur D., Seattle, Wash. Internal-combustion engine. 1,568,342; Jan. 5.
MacKenzie, George W., Beaver, Pa. Liquid-measuring apparatus. 1,568,517; Jan. 5.
MacKenzie, George W., Springfield, Ill. Liquid-dispensing apparatus. 1,568,518; Jan. 5.
MacKenzie, George W., Beaver, Pa. Liquid-measuring apparatus. 1,568,519; Jan. 5.
Macklanburg, Louis A., Oklahoma City, Okla. Sash plug. 1,568,173; Jan. 5.
Maclaren, James G., Mamaroneck, N. Y., assignor, by mesne assignments, to The Lamson Company. Pneumatic-dispatch apparatus. 1,568,680; Jan. 5.
Macnicol, Arnold N., Melbourne, Victoria, Australia. Reenforcement for concrete pipes. 1,568,233; Jan. 5.
MacQuigg, Charles E., Flushing, assignor to Electro Metallurgical Company, Niagara Falls, N. Y. Carbonizing box or the like. 1,568,174; Jan. 5.
Mader, Alys, Pittsburgh, Pa. Vise. 1,568,563; Jan. 5.
Magee, Chauncey L. C., Chicago, Ill. Winding-drum mechanism. 1,568,175; Jan. 5.
Magee, William H., assignor to Fostoria Glass Company, Moundsville, W. Va. Glass goblet or similar article. Des. 69,184; Jan. 5.
Magin, Jacob G., and A. Wollensak, assignors to Wollensak Optical Company, Rochester, N. Y. Distance finder. 1,568,759; Jan. 5.
Malcolm, James D., Spokane, Wash. Tree holder. 1,568,758; Jan. 5.
Malouf, Charles and N., Chicago, Ill. Coin-controlled clock. 1,568,564; Jan. 5.
Malouf, Charles. (See Pease, Raymond H., assignor.)
Malouf, Nicholas. (See Malouf, Charles and N.)
Marcalus, Nicholas, Plainfield, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Adjusting and clamping gib. 1,568,681; Jan. 5.
Marcellus, Fredrick S., Amsterdam, N. Y., assignor to General Electric Company. Commutation. 1,568,682; Jan. 5.
Marshall, William B. (See Davison, W. E., and Marshall.)
Marks, Herbert E., Glen Osborne, Pa. Roof structure. Re16,243; Jan. 5.
Martens, Albert L., Bellmore, assignor of one-half to F. A. Conrad, Brooklyn, N. Y. Rotary cutting machine. 1,568,520; Jan. 5.
Martin, Talbot G., assignor to Automatic Electric Company, Chicago, Ill. Electromagnetic relay. 1,568,760; Jan. 5.
Matheson, James W. (See Duff, A. L., and Matheson.)
Matsukata, Goro. (See Neill, James W., assignor.)
May, Jean L., Salt Lake City, Utah. Vehicle light. 1,568,079; Jan. 5.
McAbee, Philip W., Muncie, Ind. Bottle. Des. 69,185; Jan. 5.
McAfee, Almer M., Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa. Recovery of aluminum chloride. 1,568,171; Jan. 5.
McAlear, James, and E. W. Riesbeck, assignors to The McAlear Mfg. Co., Chicago, Ill. Controlling device for heaters. 1,568,756; Jan. 5.
McAlear Mfg. Co., The. (See McAlear, J., and Riesbeck, assignors.)
McCabe Hanger Mfg. Co., The. (See Cross, Stoughton P., assignor.)
McCanless, William F., Charlotte, N. C. Street-railway construction. 1,568,677; Jan. 5.
McClellan, Lewis K., Belfry, Mont. Antiskid chain for vehicle tires. 1,568,231; Jan. 5.
McCord Radiator & Mfg. Co. (See Owston, Charles W., assignor.)
McCullough, Frederick S., Wilkinsburg, Pa. Thermionic tube. 1,568,172; Jan. 5.
McDonald, Patrick, Westville, Ill. Car coupling. 1,568,678; Jan. 5.
McFadden, Glenn E., Lakewood, Ohio, assignor to Alfred Vester Sons Inc., Providence, R. I. Lighting fixture. 1,568,232; Jan. 5.
McFarland, David M., West Chester, Pa., assignor to Atlas Powder Company, Wilmington, Del. Testing blasting machines. 1,568,609; Jan. 5.
McGee, Oscar P., assignor of one-half to W. A. Sedwick, Dallas, Tex. Safety automatic elevator-door equipment. 1,568,461; Jan. 5.

McGee, William M., Santa Monica, Calif. Circulating plunger pump. 1,568,857; Jan. 5.
McGrath, Patrick J., Brooklyn, N. Y. Game apparatus. 1,568,340; Jan. 5.
McGuire, Thomas W. L., Kansas City, Mo. Carburetor. 1,568,341; Jan. 5.
McIntyre, Edith A., New York, N. Y. Therapeutic leg and foot wrap. 1,568,757; Jan. 5.
McKay, Augusta P., assignor to Towers & Sullivan Manufacturing Co., Rome, Ga. Disk harrow. 1,568,896; Jan. 5.
McKay, Augusta P., assignor to Towers & Sullivan Manufacturing Co., Rome, Ga. Combination weight and depth gauge. 1,568,897; Jan. 5.
McManus, John A., et al. (See Thomson, Elihu, assignor.)
McNair, Charles, assignor, by direct and mesne assignments, to The Hawmack Manufacturing Company, Jackson, Miss. Refrigerating apparatus. 1,568,898; Jan. 5.
McNaught, Norris F., Chicago, Ill. Rebound check. 1,568,858; Jan. 5.
McVoy, Vincen P., assignor to Phoenix Machine Works, Mobile, Ala. Automatic pump and boiler feeder. 1,568,077; Jan. 5.
McWane, Arthur T., Birmingham, Ala. Canopy for loading cars. 1,568,280; Jan. 5.
McWhorter, William H. (See Treiber, Theodore R., assignor.)
Meadowcroft, Joseph W., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Electric welding. 1,568,080; Jan. 5.
Medford, Brose P. (See Bradley, George W., assignor.)
Melanowski, Leo, assignor to The Citizens Savings and Trust Company, operating trustee, Cleveland, Ohio. Power-transmitting mechanism. 1,568,287; Jan. 5.
Melanowski, Leo, assignor to The Citizens Savings and Trust Company, operating trustee, Cleveland, Ohio. Power-transmitting mechanism. 1,568,288; Jan. 5.
Melanowski, Leo, assignor to The Citizens Savings and Trust Company, operating trustee, Cleveland, Ohio. Power-transmitting mechanism. 1,568,289; Jan. 5.
Meloche, Daniel H., assignor to E. Holley, Detroit, Mich. Coating for molds. 1,568,234; Jan. 5.
Mendenhall, Walter E., assignor to The Union Metals Extraction Company, Lake City, Colo. Ore concentrator. 1,568,761; Jan. 5.
Mercer, Ed. (See Mercer, Jesse and E.)
Mercer, Jesse, Benton, and E. Mercer, West Frankfort, Ill. Sign. 1,568,899; Jan. 5.
Messick, George A., et al. (See Williams, Elmer R., assignor.)
Metcalf, Herbert A., New York, N. Y. Eyeshade. 1,568,900; Jan. 5.
Meyers, John M., Janesville, Wis., assignor to Durant Engineering Corporation, New York, N. Y. Corn harvester. 1,568,683; Jan. 5.
Michel, Hermann, Voorde, Germany. Engine, and particularly internal-combustion engine. 1,568,684; Jan. 5.
Mickey, Edwin M., Gormania, W. Va. Receiver. 1,568,901; Jan. 5.
Mid-States Gummed Paper Company, et al. (See Huempfner, Ferdinand W., assignor.)
Midence, Adolph, Paris, France. Sound amplifying and reproducing device for talking machines and other sound-reproducing instruments. 1,568,521; Jan. 5.
Miehle Printing Press & Manufacturing Company. (See Stevens, Burt D., assignor.).
Miles, Hiram E. and M. E., San Francisco, Calif. Insulator brush. 1,568,408; Jan. 5.
Miles, Mason E. (See Miles, Hiram E. and M. E.)
Miller Auto Bed and Manufacturing Company. (See Miller Sigfrid A., assignor.)
Miller, Dorr, Toledo, Ohio. Window-regulating device. 1,568,343; Jan. 5.
Miller, Fred A., assignor of one-half to D. E. Parks, and one-half to W. T. Bohne, St. Louis, Mo. Transmission band. 1,568,565; Jan. 5.
Miller, Fred A., assignor of one-half to D. E. Parks, and one-half to W. T. Bohne, St. Louis, Mo. Transmission band. 1,568,566; Jan. 5.
Miller, Sigfrid A., assignor to Miller Auto Bed and Manufacturing Company, Oakland, Calif. Camper's folding bed. 1,568,409; Jan. 5.
Miner, Frederick M., Madison, Wis. Gas heater. 1,568,610; Jan. 5.
Miner, W. H., Inc. (See O'Connor, John F., assignor.)
Minter, Clarke C., Bloomfield, N. J. Charge-supply means for internal-combustion engines and means for maintaining uniform mixture conditions of the charge. 1,568,410; Jan. 5.
Michell Bearings Limited. (See Newbigin, Henry T., assignor.)
Mitchell, John, and J. C. G. Cossey, London, England. Brake slack adjuster for railway and like vehicles 1,568,902; Jan. 5.
Mitchell, William L., Grosse Pointe Farms, Mich. Auxiliary gasoline-supply device. 1,568,380; Jan. 5.
Mitterreiter, William, Memphis, Tenn. Gauge cock. 1,568,522; Jan. 5.
Mitton, William E., New London, Wis., assignor to The Borden Company, New York, N. Y. Apparatus for recovering the contents of cans. 1,568,081; Jan. 5.
Mitton, William E., New London, Wis., assignor to The Borden Company, New York, N. Y. Apparatus for loading trays with cans. 1,568,082; Jan. 5.
Moburg, Frank O. (See Hedenburg, Oscar F., assignor.)
Model Brassiere Co. (See Johnson, Augusta S., assignor.)
Mohan, Michael J., Covington, Ky. Milk can. 1,568,176; Jan. 5.
Moody, Clarence S., and W. Oepts, assignors to H. L. Griesedieck, St. Louis, Mo. Apparatus for making photographic films. 1,568,344; Jan. 5.
Moore Dry Kiln Company. (See Williams, Patrick M., assignor.)
Moore, Roy W., Schenectady, N. Y., assignor to General Electric Company. Purification of highly-oxidizable metals. 1,568,685; Jan. 5.
Morden, Charles W., West Linn, Oreg. Slice for paper-making machine. 1,568,903; Jan. 5.
Moreau, Joseph, Montreal, Quebec, Canada. Potato digger. 1,568,235; Jan. 5.
Morelock, Albert E., et al. (See Williams, Elmer R., assignor.)
Morison, George S., Pittsburgh, Pa. Roller eccentrics. 1,568,290; Jan. 5.
Moritz, Harold K., and F. H. Harp, assignors to Frank E. Best, Inc., Seattle, Wash. Faceplate-attaching means for locks. 1,568,462; Jan. 5.
Morgan, John S. (See Duckham, A. M., and Morgan.)
Morgan, Ralph S., assignor to Northern Indiana Brass Company, Elkhart, Ind. Push levers for operating closet-tank valve. 1,568,611; Jan. 5.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Refining hydrocarbon oils. 1,568,904; Jan. 5.
Morris, Ephriam W., Rockwood, Tenn., assignor of one-third to O. H. Anderson, Oneida, Tenn. Wheel-locking dog. 1,568,523; Jan. 5.
Morrison, Ralph W., Omaha, Nebr. Stylus-operating means. 1,568,612; Jan. 5.
Morse Drydock & Repair Co. (See Strachan, C., and Irish, assignors.)
Morse, Herman E., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Heel for boots and shoes. Des. 69,186; Jan. 5.
Morse, Waldo G., Yonkers, N. Y. Article of manufacture and making the same. 1,568,463; Jan. 5.
Munro, Murdo J., Hamilton, Ontario, assignor of one-half to G. R. Petrie, Burlington, Canada. Apparatus for rolling sheet-metal pipe. 1,568,905; Jan. 5.
Munro, Murdo J., Hamilton, Ontario, assignor of one-half to G. R. Petrie, Burlington, Canada. Pipe-making apparatus. 1,568,906; Jan. 5.
Munson, Luther S., Washington, D. C. Building block. 1,568,613; Jan. 5.
Munzinger, Friedrich, Berlin, Germany. Boiler water-level control. 1,568,762; Jan. 5.
Murphy, George B. (See Bennett, H. T., Murphy, and Story.)
Musselman, Joseph F., Bronxville, N. Y., assignor, by mesne assignments, to Elliott Company, Pittsburgh, Pa. System for rendering liquids noncorrosive. 1,568,763; Jan. 5.
Myers, Hubert A., Toledo, Ohio. Clutch device. 1,568,567; Jan. 5.
Mytko, Jacob, Depew, N. Y. Lighted plate. 1,568,907; Jan. 5.
Nagin, Harry, Brooklyn, N. Y. Stair construction. 1,568,568; Jan. 5.
Nashua Gummed & Coated Paper Company. (See Gautier, Trevor R., assignor.)
Neidich, Samuel A., Edgewater Park, N. J. Filament-drying apparatus. 1,568,686; Jan. 5.
Neidich, Samuel A., Edgewater Park, N. J. Apparatus for treating filaments formed from viscose. 1,568,687; Jan. 5.
Neill, James W., Pasadena, Calif., assignor to G. Matsukata, Tokyo, Japan. Recovering copper. 1,568,464; Jan. 5.
Nelswender, Charles W., and R. B. Furgason, Bucyrus, Kans. Mail-pouch catcher. 1,568,177; Jan. 5.
Nelson, Edward, Belleville, N. J., assignor to O. & W. Company. Making articles of vulcanizable rubber. 1,568,411; Jan. 5.
New Haven Clock Co., The. (See Whitehead, Richard H., assignor.)
Newark Tube Company. (See Snodgrass, H. E., and Hunter, assignors.)
Newbigin, Henry T., Newcastle-on-Tyne, England, assignor to Michell Bearings Limited, London, England. Thrust bearing or the like. 1,568,908; Jan. 5.
Newman, I., & Sons, Inc. (See Newman, Samuel J., assignor.)
Newman, Samuel J., assignor, by mesne assignments, to I. Newman & Sons, Inc., New Haven, Conn. Corset. 1,568,909; Jan. 5.
Niemes, Jacob, and H. B. Engbersen, deceased, Chicago, Ill.; B. M. Engbersen, administratrix. Tandem arrangement for printing machines and the like. 1,568,381; Jan. 5.
Niles-Bement-Pond Company. (See Marcalus, Nicholas, assignor.)
Nitz, George, assignor to F. Damato, Omaha, Nebr. Adjustable brush handle. 1,568,524; Jan. 5.

Nizamis, Efthimios P., Kalamazoo, Mich. Coin-controlled vending machine. 1,568,764; Jan. 5.
Noble, Arthur H., Pawtucket, assignor to Theodore W. Foster & Bro. Co., Providence, R. I. Lip-stick holder. 1,568,178; Jan. 5.
Noe, William R., & Sons. (See Villaret, Gustave E., assignor.)
Noguchi, Thomas S., New York, N. Y. Cleaning compound. 1,568,910; Jan. 5.
Nolde & Horst Co., The. (See Lengel, William L., assignor.)
Nord, Olof A., Vavenby, British Columbia, Canada. Trap. 1,568,688; Jan. 5.
Northern Indiana Brass Company. (See Morgan, Ralph S., assignor.)
Notz, Felix, and G. Royan, assignors to American Oven & Machine Company, Chicago, Ill. Dough-mixing machine. 1,568,291; Jan. 5.
Nu-Ex-Fire Appliance Company. (See Bargar, Frederick C., assignor.)
Nystrom, Karl F., assignor to Camel Company, Chicago, Ill. Bolt mounting and shoe for car-door posts. 1,568,689; Jan. 5.
O. & W. Company. (See Nelson, Edward, assignor.)
Oakley, Richard O. (See Kulage, D., and Oakley.)
O'Brien, Douglas F., Melbourne, Victoria, Australia. Shock-absorbing device for handle bars of motor cycles and the like. 1,568,911; Jan. 5.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,568,292; Jan. 5.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorber mechanism. 1,568,614; Jan. 5.
Oepts, William. (See Moody, C. S., and Oepts.)
Olsen, Hans P., Esther, Alberta, Canada. Shocker. 1,568,179; Jan. 5.
Olin, Gustaf A., Worcester, Mass. Surfacing tool. 1,568,912; Jan. 5.
Olsson, Zacharias, Westport, Conn., assignor to J. K. Wheten, New York, N. Y. Lamp construction. 1,568,463; Jan. 5.
Order of Job's Daughters. (See Vermillion, Helen M., assignor.)
Ormiston, Perley L., Portland, Oreg. Compression gauge. 1,568,913; Jan. 5.
Ortego, Leo, Alexandria, La. Helicopter. 1,568,765; Jan. 5.
Osmera, Frank, Wauneta, Nebr. Feeding attachment for thrashing machines. 1,568,525; Jan. 5.
Osswald, Herman, Niverville, N. Y. Stop mechanism for die presses. 1,568,083; Jan. 5.
Ostermann, Rudolf M., Evanston, Ill., assignor to The Superheater Company, New York, N. Y. Injector. 1,568,466; Jan. 5.
Oswego Falls Corporation. (See Wright, Wilbur L., assignor.)
Otten, Edward, Brooklyn, N. Y. Conditioning inking rolls. 1,568,382; Jan. 5.
Owens, Dabney P., Lake Worth, Fla. Universal joint. 1,568,914; Jan. 5.
Owston, Charles Wm., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Radiator. 1,568,526; Jan. 5.
P & M Company, The. (See Blair, Rolandis A., assignor.)
Packer, Ezra J., assignor to The Pooley Company, Philadelphia, Pa. Radioamplifier and support. 1,568,467; Jan. 5.
Pader City Glass Manufacturing Company. (See Fisher, David, assignor.)
Paraffine Companies, The. (See Fleming, Cornelius S., assignor.)
Parent Cone Company. (See Hauge, O., and England, assignors.)
Parker, Victor C., Waterloo, Ia., assignor to General Motors Corporation, Detroit, Mich. Overhead cam shaft and valve gear. 1,568,615; Jan. 5.
Parkes, Richard W., San Francisco, Calif. Scooter. 1,568,412; Jan. 5.
Parkes, Willard M., Onaway, Mich. Illuminated license plate. 1,568,915; Jan. 5.
Parks, David E., et al. (See Miller, Fred A., assignor.)
Parr, Lawrence, Seattle, Wash. Spike sandal. 1,568,616; Jan. 5.
Parsons, Philip D., Philadelphia, Pa., assignor to Scott Paper Company. Combination mirror and towel rack. 1,568,690; Jan. 5.
Pasnik, Alexander M., Norwich, Conn. Nailbrush. 1,568,569; Jan. 5.
Patten, Charles H., assignor to Rex Manufacturing Co., Providence, R. I. Extension attachment for flexible bracelets. 1,568,617; Jan. 5.
Paulus, Charles L. (See Russell, H. O., and Paulus.)
Peacock, Samuel. (See Scott, I. M., and Peacock.)
Pearne, Frank Y., assignor to Lacy Manufacturing Company, Los Angeles, Calif. Valve. 1,568,236; Jan. 5.
Pearson, Charles. (See Johnston, E. A., Benjamin, and Pearson.)
Pearson, Charles H., Brookline, Mass. Safety clutch mechanism. 1,568,527; Jan. 5.
Pearson, Gardner W., trustee. (See Lyons, Francis P., assignor.)
Pearsons, George T., assignor to Pyrene Manufacturing Company, New York, N. Y. Fire extinguisher. 1,568,084; Jan. 5.
Pease, Raymond H., assignor to C. Malouf, Chicago, Ill. Coin-controlled mechanism. 1,568,570; Jan. 5.
Peebles, David D., Eureka, Calif. Separator. 1,568,413; Jan. 5.
Peerless Light Company. (See Herskovitz, Abraham, assignor.)
Peerless Weather strip and Caulking Company. (See Kulage D., and Oakley, assignors.)
Pelzer, Adolph, Tacoma, Wash. Lock. 1,568,916; People of the United States of America. (See Jones, John E.)
Pepin, Augustus J., Grand Forks, N. Dak. Combination auto table and trunk. 1,568,766; Jan. 5.
Perkins, Laurence M., Syracuse, N. Y. Generator. 1,568,237; Jan. 5.
Perry, James F., Cove City, N. C. Plow. 1,568,383; Jan. 5.
Perry, Lewis, New York, N. Y. Candy box. Des. 69,187; Jan. 5.
Peterson, Adeline C., New York, N. Y. Undergarment. 1,568,917; Jan. 5.
Petrie, Edward R., New York, N. Y. Whistle. 1,568,528; Jan. 5.
Petrie, George R. (See Munro, Murdo J., assignor.)
Pfadt, John G., Erie, Pa. Snow-melting machine. 1,568,414; Jan. 5.
Pfiffner, Emil, Frybourg, Switzerland. Electric condenser. 1,568,918; Jan. 5.
Pforr, Henry E., Hamberg, N. Dak. Grain cleaner. 1,568,618; Jan. 5.
Phelps, Earle B., Ridgewood, N. J. Proportional-flow device. 1,568,619; Jan. 5.
Phoenix Machine Works. (See McVoy, Vincen P., assignor.)
Pieper, Alphonse F. (See Pieper, Oscar H., and A. F.)
Pieper, Oscar H. and A. F., Rochester, N. Y. Unitary sight-projecting apparatus. 1,568,085; Jan. 5.
Pieper, Oscar H. and A. F., Rochester, N. Y. Unitary apparatus for projecting light rays. 1,568,086; Jan. 5.
Pierce, George L., Brooklyn, assignor to A. G. Spalding & Bros., New York, N. Y. Shoulder pad. 1,568,238; Jan. 5.
Pierson, James R., New York, N. Y. Combined squeezer and beverage shaker. 1,568,691; Jan. 5.
Pilliod, Frederic L., Plainfield, N. J., assignor to Johns-Manville Incorporated. Non-heat-conducting covering. 1,568,415; Jan. 5.
Pinkerton, Flora M. (See Jones, H. I., and Pinkerton.)
Pollock, Alan A., Leamington Spa, England, assignor to General Electric Company. Dynamo-electric machine. 1,568,692; Jan. 5.
Poloskie, Bernard L., Lancaster, Pa. Automobile curtain. 1,568,529; Jan. 5.
Pooley Company, The. (See Packer, Ezra J., assignor.)
Porter, Josephine, et al. (See Conwell, Simon W., assignor.)
Potteiger, William E., Harrisburg, Pa. Automatic ignition device for gas burners. 1,568,620; Jan. 5.
Powell, Sara R., San Francisco, Calif. Electric-light fixture. Des. 69,188; Jan. 5.
Powell, Winfred T., assignor to Automatic Electric Company, Chicago, Ill. Automatic telephone system. 1,568,180; Jan. 5.
Power Specialty Company. (See Primrose, John, assignor.)
Pratt & Whitney Company. (See Knowles, Carroll, assignor.)
Pratt & Whitney Company. (See Thacher, John J., assignor.)
Pratt, Edwin H., Corvallis, Oreg. Unit tray. 1,568,468; Jan. 5.
Price, William E., White Plains, N. Y. Light-reflector fixture. Des. 69,189; Jan. 5.
Prichard, George L., and H. Henderson, Port Arthur, Tex., assignors to Gulf Refining Company, Pittsburgh, Pa. Making chlorides. 1,568,181; Jan. 5.
Prichard, Jordan L., Canyon, Tex. Harvester for cotton bolls. 1,568,530; Jan. 5.
Priebe, Herman C., Chicago, Ill. Car truck. Re16,242; Jan. 5.
Prietz, Reinhold. (See Kolling, C. H., and Prietz.)
Primrose, John, assignor to Power Specialty Company, New York, N. Y. Oil still. 1,568,182; Jan. 5.
Proulx, Walter, Norridgewock, Me. Electrical appliance. 1,568,767; Jan. 5.
Pungs, William A., Detroit, Mich. Garage. 1,568,384; Jan. 5.
Pure Oil Company, The. (See Carr, Richard H., assignor.)
Putterman, Benjamin, Brooklyn, N. Y., assignor to American Auto Lamp Co., Inc. Vehicle signal lamp. Des. 69,190; Jan. 5.
Pyrene Manufacturing Company. (See Pearsons, George T., assignor.)
Quickwork Company, The. (See Smith, Henry C., assignor.)
Rabezzana, Hector, assignor to A C Spark Plug Company, Flint, Mich. Nonmetallic electrode for spark plugs. 1,568,621; Jan. 5.
Ramsey, Archibald D., Tuolumne, Calif. Trouble detector for generators. 1,568,385; Jan. 5.
Rankin, William A. (See Frieman, J. G., and Rankin.)
Rapson, Hobart D., Philadelphia, Pa. Figure toy. 1,568,469; Jan. 5.

Ratcliff, William, and H. Wallace, London, assignors to The Victory-Kidder Printing Machine Company Limited, Birkenhead, England. Printing machine. 1,568,919; Jan. 5.

Ratcliffe, Ernest S. (See Swart, William B., assignor.)

Raymond Bros. Engineering Co. (See Bergman, Lars H., assignor.)

Raymond Brothers Impact Pulverizer Company, The. (See Raymond, Fred L., assignor.)

Raymond, Fred L., River Forest, assignor to The Raymond Brothers Impact Pulverizer Company, Chicago, Ill. Feed regulator. 1,568,571; Jan. 5.

Reber, Emil, and J. Fröhlich, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Green sulphurized dyestuffs and making same. 1,568,622; Jan. 5.

Redmond, Harriet L., Needham, assignor to The William Carter Company, Needham Heights, Mass. Undergarment. 1,568,416; Jan. 5.

Reeves, Milton O., Columbus, Ind., assignor, by mesne assignments, to The Heim Grinder Company, Danbury, Conn. Balance grinding wheel. 1,568,920; Jan. 5.

Reid, James S., assignor to The Easy-On Cap Company, Cleveland, Ohio. Hub and closure structure. 1,568,768; Jan. 5.

Reilly, Harvey J., Los Angeles, Calif. Tent structure. 1,568,239; Jan. 5.

Renault, Louis. (See Salves, Leon, assignor.)

Rex Manufacturing Co. (See Ballou, David M., assignor.)

Rex Manufacturing Co. (See Patten, Charles H., assignor.)

Reymond, Martin H., Binghamton, N. Y. Quality gauge for leather. 1,568,183; Jan. 5.

Reynolds, Anita S., Greenwich, Conn. Cut-off. 1,568,531; Jan. 5.

Rhenbottom, Charles H., Coldwater, Mich. Steering device. 1,568,417; Jan. 5.

Rice, James R., Elkhart, Kans. Washing machine. 1,568,240; Jan. 5.

Richards, Charles A., Chicago, Ill. Gathering machine. 1,568,293; Jan. 5.

Riddle, Edward N., Company, The. (See Crowell, Frank S., assignor.)

Riesbeck, Ernest W. (See McAlear, J., and Riesbeck.)

Riesner, Benjamin, New York, N. Y. Hood for cooking ranges. 1,568,532; Jan. 5.

Riggs, Garshom A., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera. 1,568,623; Jan. 5.

Rihosek, Johann, Vienna, and R. L. Leuchter, Weidlingau-Hadersdorf, assignors to the Firm Gebrüder Hardy Maschinenfabrik und Giesserei A. G., Vienna, Austria. Air-pressure railway brake. 1,568,533; Jan. 5.

Riley, Clifford G., Manchester, England. Pallet. 1,568,294; Jan. 5.

Rimailho, Emile, assignor to Compagnie des Forges & Acieries de la Marine & d'Homecourt, Paris, France. Traveling track device with pneumatic suspension. 1,568,241; Jan. 5.

Robe, Eugene A., Leavittsburg, Ohio. Shipping or storage receptacle of the vacuum type. 1,568,948; Jan. 5.

Roberti, Dario, Springfield, Mass. Combination lock. 1,568,624; Jan. 5.

Roberts, Hugh. (See Roberts, Thomas H. and H.)

Roberts, Thomas H., Cranford, and H. Roberts, Garwood, N. J. Tooth-paste ejector. 1,568,921; Jan. 5.

Robinson, Daniel P., Baltimore, Md., assignor to Continental Can Company, Syracuse, N. Y. Friction-top cans. 1,568,625; Jan. 5.

Robinson, Francis W. J., Germiston, Transvaal, South Africa. Device for obviating the glare of the headlights of motor cars and other vehicles. 1,568,922; Jan. 5.

Robinson, Frederic W., and K. V. Knapp, assignors to Hanovia Chemical and Mfg. Co., Newark, N. J. Therapeutical lamp. 1,568,345; Jan. 5.

Robitoy, Louis P., Fargo, N. Dak., and C. L. Velander, Minneapolis, Minn., assignors to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,568,386; Jan. 5.

Robson, William H., assignor to Brigham-Hopkins Company, Baltimore, Md. Hat brim and method of making. 1,568,626; Jan. 5.

Roché, Jean A., Dayton, Ohio. Airplane-fuselage construction. 1,568,087; Jan. 5.

Rochefort, François, Paris, France. Rotary motor. 1,568,242; Jan. 5.

Rockford Milling Machine Company. (See Sundstrand, Oscar J., assignor.)

Rockwell, Hugh M., Bristol, Conn., assignor, by mesne assignments, to Standard Steel and Bearings Incorporated, Wilmington, Del. Wheel-dressing device. 1,568,243; Jan. 5.

Rodman, Isaac P., Newark, assignor, by mesne assignments, to Garod Corporation, Belleville, N. J. Wireless receiving tuner. 1,568,470; Jan. 5.

Roemar, Max, Lost Hills, Calif. Ventilated seat. 1,568,471; Jan. 5.

Rogers, Nellie S. (See Rogers, Winfield S., assignor.)

Rogers, Winfield S., assignor to N. S. Rogers, Bantam, Conn. Grinding machine. 1,568,184; Jan. 5.

Rogers, Winfield S., assignor to N. S. Rogers, Bantam, Conn. Grinding machine. 1,568,185; Jan. 5.

Roper, Geo. D., Corporation. (See Derwent, Watson E., assignor.)

Rosas, Guadalupe, Los Angeles, Calif. Artificial flowers. 1,568,859; Jan. 5.

Rose, William D., Portland, Oreg. Brush head. 1,568,418; Jan. 5.

Rosenfeld, Irvin. (See Gottesman, O. M., and Rosenfeld.)

Rosenkranz, Wilhelm, Holzminden-on-the-Weser, Germany. Folding chair. 1,568,244; Jan. 5.

Rosenstein, George H., New York, N. Y. Thread-counting apparatus. 1,568,088; Jan. 5.

Rossbrough, Gordon A., Chadwell Heath, England. Convertible chair. 1,568,419; Jan. 5.

Rothman, Robert, Brooklyn, N. Y. Knit fabric. 1,568,693; Jan. 5.

Rothschild Colortype Company. (See Lund, George H., assignor.)

Rough, Robert E. (See Brooks, W. W. and Rough.)

Rowse, Frank J., Pawtucket, R. I. Coin-controlled locking mechanism. 1,568,760; Jan. 5.

Rowse, Frank J., Pawtucket, R. I. Coin-control service apparatus. 1,568,770; Jan. 5.

Roy, Francis V. (See Vaile, P. A., and Roy.)

Roy, Joseph, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Grid for gas burners. 1,568,771; Jan. 5.

Royan, George. (See Notz, F., and Royan.)

Rubin, Hyman, New York, N. Y. Adjustable hot and cold water mixer, with filter and delivery nozle, for sinks, etc. 1,568,772; Jan. 5.

Ruggles, William A., Schenectady, N. Y., assignor to General Electric Company. Photo-electric device. 1,568,694; Jan. 5.

Ruiz, Ignacio, assignor of one-fourth to W. O. Hahn, New York, N. Y. Spout for sugar bowls. 1,568,923; Jan. 5.

Russell, Herbert O., Detroit, Mich., and C. L. Paulus, Dayton, Ohio. Mount for flexible synchronized guns. 1,568,089; Jan. 5.

Ruths, Johannes, Djursholm, Sweden, K. Ingerö, Christiania, Norway, and H. Schrenk, Charlottenburg, Germany, assignors to Aktiebolaget Vaporackumulator, Stockholm, Sweden. Plant where heat-consuming apparatus cooperates with a number of feed conduits. 1,568,420; Jan. 5.

Ruttle, William H., Seattle, Wash. Ice-cream cutter. 1,568,534; Jan. 5.

Ruze, John, New York, N. Y. Stamp or label moistener. 1,568,245; Jan. 5.

Ryan, Thomas W., Concord Junction, Mass. Slow-closing valve mechanism for fluid-containing tanks. 1,568,346; Jan. 5.

St. Paul Welding & Manufacturing Company. (See Eyleth, Earl M., assignor.)

Salves, Leon, assignor to L. Renault, Billancourt, France. Endless-track vehicle. 1,568,090; Jan. 5.

Sargent & Company. (See Carroll, William J., assignor.)

Sargent & Company. (See Whiting, Victor H., assignor.)

Saunders, Malcolm, Canton, Ohio. Method of and apparatus for setting pouring nozzles in ladles. 1,568,246; Jan. 5.

Sauvage, William H., New York, N. Y., assignor, by mesne assignments, to The Gould Coupler Company. Slack adjuster. 1,568,421; Jan. 5.

Sawyer, Frederick L. (See Berger, Christian, assignor.)

Scarlett, Charles E., et al., trustees. (See Charles, C. L., and Drenning, assignors.)

Schatz, William A., Astoria, assignor of 70 per cent to W. J. Atwood, New York, N. Y. Dispensing device. 1,568,091; Jan. 5.

Schech, Frederick J., Minneapolis, Minn. Floor waxer and polisher. 1,568,773; Jan. 5.

Schetelig, Paul, assignor to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Condensation product of the Anthraquinone series and making same. 1,568,627; Jan. 5.

Scheuchzer, Auguste, Renens, near Lausanne, assignor to Ferrodesherbeuse Scheuchzer Societe Anonyme, Renens, Switzerland. Railway-track-weeding machine. 1,568,472; Jan. 5.

Schey, Max, Brooklyn, N. Y. Adjustable spit. 1,568,535; Jan. 5.

Schilling, George F., et al. (See Huempfner, Ferdinand W., assignor.)

Schleicher, John A., assignor to Lufkin Rule Co., Saginaw, Mich. Locking device for depth-gauge micrometers. 1,568,295; Jan. 5.

Schleicher, John A., assignor to Lufkin Rule Co., Saginaw, Mich. Spindle-clamping device. 1,568,296; Jan. 5.

Schmelz, Charles F., assignor to The Curtis & Curtis Co., Bridgeport, Conn. Machine for cutting off pipe. 1,568,473; Jan. 5.

Schmidlin, Fritz, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Apparatus for effecting the automatic connecting and disconnecting of electrical machine units. 1,568,474; Jan. 5.

Schmitz, Fred A., assignor to The General Fireproofing Company, Youngstown, Ohio. Edge construction for furniture tops. 1,568,247; Jan. 5.

Schneider, Harold A. (See Hemmer, Albert, assignor.)

Schneider, Julius, et al. (See Jaeger, Henry G., assignor.)

Schrenk, Hans. (See Ruths, J., Ingero, and Schrenk.)

Schroeder, John H., Charleston, S. C. Signal. 1,568,628; Jan. 5.

Schumacher, Elmer L., Southbridge, and W. H. Boutelle, Sturbridge, assignors to American Optical Company, Southbridge, Mass. Making parts for ophthalmic mountings. 1,568,629; Jan. 5.

Schürer, Eugen, assignor to Felten and Guilleaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Self-induction coil. 1,568,422; Jan. 5.

Schwab, Samuel S., Toledo, Ohio. Fire extinguisher. 1,568,536; Jan. 5.

Schwanda, Richard, Hotting-Innsbruck, Austria. Slide rule. 1,568,475; Jan. 5.

Scofield, Theodore J., assignor to The Sparks-Withington Company, Jackson, Mich. Brush. 1,568,774; Jan. 5.

Scott, Isaac M., and S. Peacock, Wheeling, W. Va. Dephosphorizing iron and steel. 1,568,186; Jan. 5.

Scott Paper Company. (See Parsons, Philip D., assignor.)

Searing, John F., New Rochelle, N. Y. Protective means for hydrocarbon motors. 1,568,187; Jan. 5.

Sedwick, W. A. (See McGee, Oscar P., assignor.)

Seeley, Frank E. assignor to Abendroth Brothers, Port Chester, N. Y. Gas range. 1,568,188; Jan. 5.

Seiz, Walter, Baden, Switzerland, assignor to General Electric Company. Cascade induction-motor regulation. 1,568,695; Jan. 5.

Seng, Wendelin P., Chicago, Ill. Telltale switch. 1,568,092; Jan. 5.

Senssenbrenner, Carl, Dusseldorf-Oberkassel, Germany. Ammonia-absorption refrigerator. 1,568,476; Jan. 5.

Shannon, James L., Springfield, Mass. Flash light. 1,568,093; Jan. 5.

Shatkin, Aaron, Brooklyn, N. Y. Gem setting. 1,568,924; Jan. 5.

Shaw and Rathke. (See Le Bus, John E., assignor.)

Shaw, David J., New York, N. Y. Apparatus for screening sewage and other mixtures of liquids and solids. 1,568,572; Jan. 5.

Shaw, Ernest, Rosette, Utah. Holder for graphic instruments. 1,568,347; Jan. 5.

Shaw, Ernest C., Chicago, Ill. Air brake. 1,568,189; Jan. 5.

Shaw, Samuel H., New York, assignor to Universal Shock Eliminator, Inc., Long Island City, N. Y. Automobile bumper. 1,568,925; Jan. 5.

Shawmut Engineering Company. (See Bixby, Walter, assignor.)

Shawmut Engineering Company. (See Hathaway, Edgar F., assignor.)

Shearer, George T., Atlanta, Ga. House number. 1,568,630; Jan. 5.

Shelburne, John W., Hannibal, Mo. Pipe-cleaning tool. 1,568,094; Jan. 5.

Shoe, William W., Philadelphia, Pa. Pavement-breaking device. 1,568,190; Jan. 5.

Shoemaker, Louis H., New York, N. Y. Cantilever bridge. 1,568,631; Jan. 5.

Shutt, Albert, Topeka, Kans. Banjo resonator. 1,568,248; Jan. 5.

Sifferlen, Charles, Joliet, Ill. Adjustable tip for canes and the like. 1,568,423; Jan. 5.

Silver, Pius A. C., New Smyrna, Fla. Cycle plane. 1,568,095; Jan. 5.

Simmen, Paul J., Buffalo, N. Y. Automatic moving-vehicle control. 1,568,775; Jan. 5.

Sims, Frederick L. H., Toronto, Ontario, Canada. Folding bed. 1,568,348; Jan. 5.

Singer, Benjamin F., Lancaster, Pa. Turbine engine. 1,568,191; Jan. 5.

Singer Manufacturing Company, The. (See Clayton, Andrew B., assignor.)

Singer Manufacturing Company, The. (See De Voe, Albert H., assignor.)

Slingerland, Frederick W. (See Elson, Harry A., assignor.)

Slocumb, Lloyd Q., Ferguson, Mo. Radio receiving apparatus. 1,568,632; Jan. 5.

Smalenberger, Edward A., assignor to F. L. Duerk, Brooklyn, N. Y. Telephone switch for radio sets. 1,568,297; Jan. 5.

Small, Frank, Winnipeg, Manitoba, Canada. Support for seating accommodation. 1,568,477; Jan. 5.

Smidth, F. L., & Co. (See Lindhard, Povl T., assignor.)

Smith, A. T. (See Kellogg, Edward E., assignor.)

Smith, Daniel A., and J. M. Davidson, Xenia, Ohio. Automobile license tag. 1,568,192; Jan. 5.

Smith, David F., Washington, D. C. Compressor. 1,568,776; Jan. 5.

Smith Engineering Works. (See Littlewood, Herman, assignor.)

Smith, Erasmus D., Rochester, N. Y. Generator. 1,568,478; Jan. 5.

Smith, Frank B. (See Keller, John C., assignor.)

Smith, Harry A., Mondovi, Wash. Operating attachment for washtubs. 1,568,633; Jan. 5.

Smith, Henry C., assignor to The Quickwork Company, St. Marys, Ohio. Ribbing and perforating machine. 1,568,537; Jan. 5.

Smith, Isabella K., administratrix. (See Smith, James, assignor.)

Smith, James, deceased, by I. K. Smith, Dormont Borough, administratrix, assignor to I. K. Smith, Dormont, Pa. Process and apparatus for casting furnace bosh plates. 1,568,096; Jan. 5.

Smith, Jefferson G., McDonough, Ga. Device for setting and replacing poles. 1,568,777; Jan. 5.

Smith, Jehiel P., Winnipeg, Manitoba, Canada. Ferris wheel. 1,568,424; Jan. 5.

Smith, Lena, Chicago, Ill. Hat pad. 1,568,097; Jan. 5.

Smith, Stanley G., assignor to L. A. Young Industries, Inc., Detroit, Mich. Wire-spring-making machine. 1,568,573; Jan. 5.

Smith, Verner C., Salina, Kans. Copyholder. 1,568,425; Jan. 5.

Smith, William O. (See Williams, Edward T., assignor.)

Smythe, Edwin H., Evanston, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Carrier-wave transmission and communicating system. 1,568,194; Jan. 5.

Smythe, Richard M., Brooklyn, assignor to H. M. Black, New York, N. Y. Pie plate. 1,568,696; Jan. 5.

Snodgrass, Harlan E., Summit, and T. M. Hunter, assignor, by mesne assignments, to Newark Tube Company, Newark, N. J. Method of and apparatus for welding. 1,568,193; Jan. 5.

Snook, Earl E., Billings, Mont. Modeling clay. 1,568,098; Jan. 5.

Snyder, Robert W., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Bead-buffing machine. 1,568,634; Jan. 5.

Society of Chemical Industry in Basle. (See Reber, E., and Fröhlich, assignors.)

Society of Chemical Industry in Basle. (See Schetelig, Paul, assignor.)

Society of Chemical Industry in Basle. (See Stiner O., Hausworth, and Gams.)

Söderlund, Olof, T. Boberg, and N. Testrup, assignors to Techno-Chemical Laboratories, Limited, London, England. Separating solids from liquids. 1,568,249; Jan. 5.

Sohl, Ralph W., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Vulcanizing apparatus. 1,568,778; Jan. 5.

Somerville, Joseph A., St. Louis, Mo. Wiper. 1,568,298; Jan. 5.

Sosnitza, Vladimir B., New York, N. Y. Oil furnace. 1,568,479; Jan. 5.

Spalding, A. G., & Bros. (See Pierce, George L., assignor.)

Sparks, William, Jackson, Mich., assignor to The Sparks-Withington Company, Cleveland, Ohio. Fan. 1,568,779; Jan. 5.

Sparks, William, Jackson, Mich., assignor to The Sparks-Withington Company, Cleveland, Ohio. Fan. 1,568,780; Jan. 5.

Sparks-Withington Company. (See Scofield, Theodore J., assignor.)

Sparks-Withington Company, The. (See Sparks, William, assignor.)

Speer-Rosefelt Calendar Bank, Incorporated. (See Speer, Zeno M., assignor.)

Speer, William C., Quinault, Wash. Straight-pull bolt-action rifle. 1,568,635; Jan. 5.

Speer, Zeno M., Wauwatosa, assignor to Speer-Rosefelt Calendar Bank, Incorporated, Milwaukee, Wis. Bank. 1,568,574; Jan. 5.

Speer, Zeno M., Wauwatosa, assignor to Speer-Rosefelt Calendar Bank, Incorporated, Milwaukee, Wis. Bank. 1,568,575; Jan. 5.

Speidel, Charles F., assignor to Eastman Kodak Company, Rochester, N. Y. Self-erecting-front camera. 1,568,636; Jan. 5.

Spencer, Walter J., Dallas, Tex. Automatic air-hose coupling. 1,568,860; Jan. 5.

Spiers, William, Leicester, England. Jack or slider for use in circular-knitting machines. 1,568,480; Jan. 5.

Spotz, Chester A., Greenwich, Conn. Closure for paste tubes and the like. 1,568,781; Jan. 5.

Spreen, Charles C., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Compressor. 1,568,195; Jan. 5.

Springer, Roy D., Portland, Oreg. Ironing table. Re16,245; Jan. 5.

Stafford, Alfred E., assignor to Draper Corporation, Hopedale, Mass. Filling-end controller. 1,568,481; Jan. 5.

Stafford Company, The. (See Amsden, Eugene C., assignor.)

Standard Steel and Bearings Incorporated. (See Rockwell, Hugh M., assignor.)

Stanton, Lenthel, Spokane, Wash. Sprinkler. 1,568,250; Jan. 5.

Starck, William A., Milwaukee, Wis., assignor, by mesne assignments, to G. A. Lyon, Philadelphia, Pa. Bumper attacher. 1,568,949; Jan. 5.

Steffens, John A., Baltimore, Md., assignor to U. S. Industrial Alcohol Co. Obtaining absolute propyl alcohol. 1,568,349; Jan. 5.

Stevens, Burt D., Evanston, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Inking fountain. 1,568,299; Jan. 5.

Stewart-Warner Speedometer Corporation. (See Whittington, Frederick G., assignor.)

Stickney, Burnham C., Rutherford, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,568,426; Jan. 5.

Stiner, Otto, and A. Hauswirth, Bern, and A. Gams, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Vitamine preparation and processes of making same. 1,568,196; Jan. 5.

Stoff, George, Canton, Ohio. Valve lifter. 1,568,251; Jan. 5.

Stoll, Berry V., Louisville, Ky. Release vale. 1,568,926; Jan. 5.

Stone, Loren V., and W. E. Bailey, Theresa, N. Y. Radio-plate battery box. 1,568,927; Jan. 5.

Stone, Melvin L., Lawrence, Mass., assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,568,637; Jan. 5.

Story, Le Roy G. (See Bennett, H. T., Murphy, and Story.)

Stout, Earle B., Gary, Ind. Game apparatus. 1,568,576; Jan. 5.

Strachan, Christopher, South Orange, N. J., and D. J. Irish, assignors to Morse Drydock & Repair Co., New York, N. Y. Atomizer. 1,568,427; Jan. 5.

Straker, Hiram C. (See Chalmers, S., and Foley, assignor.)

Strauss, Joseph. B., Chicago, Ill Building construction. 1,568,099; Jan. 5.

Strub, Otto H., assignor to the Firm F. Ad. Richter & Cie. A. G., Baukastenfabrik, Rudolstadt, Thuringia, Germany. Building blocks for toy structures. 1,568,252; Jan. 5.

Struthers, William G., Oakland, Calif. Shock absorber. 1,568,697; Jan. 5.

Stuhr, Frank, Rhodes, Mich. Bean separator. 1,568,253; Jan. 5.

Stumpf, Johann, Berlin, Germany. Locomotive with combined drive. 1,568,197; Jan. 5.

Sturgis, Herbert M., Kansas City, Mo. Mop head. 1,568,100; Jan. 5.

Sturtevant, B. F., Company. (See Bergstrom, Carl O., assignor.)

Summers, Caleb E., assignor to General Motors Research Corporation, Dayton, Ohio. Internal-combustion engine. 1,568,638; Jan. 5.

Sundstrand, Oscar J., assignor to Rockford Milling Machine Company, Rockford, Ill. Cash register. 1,568,300; Jan. 5.

Superheater Company, The. (See Ostermann, Rudolf M., assignor.)

Swanson, Arthur A., Jamestown, N. Y. Signal. 1,568,928; Jan. 5.

Swart, William B., Johannesburg, Transvaal, assignor of one-half to E. S. Ratcliffe, Capetown, South Africa. Variable-velocity-ratio gearing. 1,568,639; Jan. 5.

Swayne, Patrick F., Jacksonville, Oreg. Knuckle bearing. 1,568,782; Jan. 5.

Sweeney, Francis B., Rochester, N. Y. Stroke counter. 1,568,640; Jan. 5.

Sykes, Charles J., Chicago, Ill. Savings bank. 1,568,577; Jan. 5.

Symmes, Whitman, assignor to Thomas Day Company, San Francisco, Calif. Electric-lighting fixture. 1,568,929; Jan. 5.

Symmes, Whitman, and W. Hanschen, assignors to Thomas Day Company, San Francisco, Calif. Bed lamp. 1,568,930; Jan. 5.

Taft, Edward A., trustee. (See Barker, Robert W., assignor.)

Tatge, George H., et al. (See Tull, W. C., and Bristol, assignor.)

Taylor, Daniel, Lawrence, Mass. Machine for straightening drop wires. 1,568,254; Jan. 5.

Taylor, David, Denver, Colo. Paint. 1,568,350; Jan. 5.

Taylor, Edward C., New York, N. Y. Clamp. 1,568,101; Jan. 5.

Taylor, Huston, assignor to Brennan-Taylor Corporation, Detroit, Mich. Tire carrier. 1,568,351; Jan. 5.

Taylor Instrument Companies. (See Brown, Henry B., assignor.)

Techno-Chemical Laboratories, Limited. (See Söderlund, O., Boberg, and Testrup, assignors.)

Teichman, Albert F. (See Butler, H. G., Teichman, and Carr.)

Testrup, Nils. (See Söderlund, O., Boberg, and Testrup.)

Thacher, John J., Wethersfield, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Attachment for automatic lathes. 1,568,641; Jan. 5.

Thanos, Andrew L. (See Dahne, N. F., and Thanos.)

Thermal Industrial and Chemical (T. I. C.) Research Company. (See Duckham, A. M., and Morgan, assignors.)

Thermokept Corporation. (See Bach, Niels P., assignor.)

Thomas Cusack Company. (See Ehnborn, Charles B., assignor.)

Thomas, Davis E., Tampa, Fla. Siphon-tube holder. 1,568,931; Jan. 5.

Thomas Day Company. (See Symmes, W., and Hanschen, assignors.)

Thomas Day Company. (See Symmes, Whitman, assignor.)

Thomas, George J., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Brake-applying mechanism. 1,568,391; Jan. 5.

Thompson, Henry R., Falls Church, Va., assignor of one-half to H. F. Lowe, Washington, D. C. Automobile intake heater. 1,568,642; Jan. 5.

Thompson, James, Greeley, Colo. Potato harvester. 1,568,482; Jan. 5.

Thompson, Ralph D., Toledo, assignor of one-half to P. B. Clark, Columbus, Ohio. Loom lock. 1,568,783; Jan. 5.

Thomson, Elihu, Swampscott, assignor of one-third to J. A. McManus, Lynn, and one-third to J. E. Graham, Newtonville, Mass. Refrigerating apparatus. 1,568,102; Jan. 5.

Thornycroft, John I., Bembridge, Isle of Wight, England. Juice-extracting apparatus. 1,568,255; Jan. 5.

Tibbetts, Raymond W., Boston, Mass., and M. S. Curtis, Pawtucket, R. I. Refrigerating apparatus. 1,568,103; Jan. 5.

Tibbetts, Raymond W., West Roxbury, Mass., and M. S. Curtis, Pawtucket, R. I. Gas pump for refrigerating apparatus, etc. 1,568,104; Jan. 5.

Tiffany, Humphrey C., Detroit, Mich. Printing posters. 1,568,105; Jan. 5.

Tobacco Treating Co., The. (See Buensod, Alfred C., assignor.)

Toennes, Richard, Boonville, Mo. Concrete post 1,568,352; Jan. 5.

Toftteen, Olof A., Chicago, Ill. Fuel-saving device. 1,568,302; Jan. 5.

Tolbert, James J., Los Angeles, Calif. Permutation switch lock. 1,568,483; Jan. 5.

Tolman, George, Sheldon, Iowa. Cultivator shovel. 1,568,484; Jan. 5.

Torrent, John, Muskegon, Mich. Electric lamp. 1,568,256; Jan. 5.

Towers & Sullivan Manufacturing Co. (See McKay, Augusta P., assignor.)

Treiber, Theodore R., assignor to W. H. McWhorter, Chicago, Ill. Game table. 1,568,106; Jan. 5.

Trescott, Stephen O., Battle Mountain, Nev. Rupture pad. 1,568,932; Jan. 5.

Trimming, George A. R., Lucknow, British India. Transition coupling device. 1,568,933; Jan. 5.

Trumbull Electric Manufacturing Company, The. (See Broadwell, Harry M., assignor.)

Trumbull Electric Manufacturing Company, The. (See Leppert, Henry E., assignor.)

Tschappat, Sheridan P., Tulsa, Okla., assignor of one-half to H. Callahan, Independence, Kans. Combination tubing spider and support. 1,568,198; Jan. 5.

Tucker, Zoe S., South Bend, Ind. Burial garment. 1,568,107; Jan. 5.

Tull, William C., and R. J. Bristol, Stanton, assignors to V. Biedinger, J. Lampe, G. B. Butterfield, and G. H. Tatge, Norfolk, Nebr. Wrench. 1,568,934; Jan. 5.

Tullis, Roland L., Monrovia, Calif. Automobile door latch. 1,568,353; Jan. 5.

Turner, Marshall A., assignor to W. Hall, Peterborough, Ontario, Canada. Producing impressionalistic ornamental surfaces. 1,568,108; Jan. 5.

Turney, Lee L., Milwaukee, Wis. Golf club. 1,568,485; Jan. 5.

Tuttle & Bailey Manufacturing Company. (See Colgan, Leonard J., assignor.)

Tuttle, Joseph B. and M. H., Cleburne, Tex. Display and clothes line. 1,568,428; Jan. 5.

Tuttle, Michael H. (See Tuttle, Joseph B. and M. H.)

Tyler, Bert E., South Gate Gardens, Calif. Rotary piston apparatus. 1,568,429; Jan. 5.

Udall, Phillip A., Stockton, Calif., assignor, by mesne assignments, to Caterpillar Tractor Co. Multiple-spindle screw machine. 1,568,935; Jan. 5.

Uhl, Clyde, Bartlesville, Okla. Apparatus for spudding, drilling, and cleaning out water and oil wells. 1,568,430; Jan. 5.

Underwood Typewriter Company. (See Crews, Clarence M., assignor.)

Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)

Underwood Typewriter Company. (See Robitoy, L. P., and Velander, assignors.)

Underwood Typewriter Company. (See Stickney, Burnham C., assignor.)

Union Metals Extraction Company. (See Mendenhall, Walter E., assignor.)

United Products Corporation of America. (See Bassett, H. P., and Isaacs, assignors.)

United Shoe Machinery Corporation. (See Bean, George L., assignor.)

United Shoe Machinery Corporation. (See Bertrand, Frederic E., assignor.)

United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)

U. S. Industrial Alcohol Co. (See Steffens, John A., assignor.)

Universal Oil Products Company. (See Dubbs, Carbon P., assignors.)

Universal Oil Products Company. (See Morrell, Jacque C., assignor.)

Universal Shock Eliminator, Inc. (See Shaw, Samuel H., assignor.)

Up To Date Manufacturing Co. (See Bocchino, Ernest, assignor.)

Urschel, William E., Valparaiso, Ind. Apparatus and process for stemming fruit. 1,568,700; Jan. 5.

Valle, Pembroke A., and F. V. Roy, Chicago, Ill., assignors to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Apparatus for obtaining the leverage weight of athletic implements. 1,568,698; Jan. 5.

Valley, Coburn F., assignor to L. E. Ellsworth, Cuyahoga Falls, Ohio. Carrier for braiding machines. 1,568,354; Jan. 5.

Van Houweling, Arthur C., assignor to Garden City Feeder Company, Pella, Iowa. Belt-adjusting apparatus for grain elevators. 1,568,355; Jan. 5.

Varder, Holger, New York, N. Y. Tire-chain tool. 1,568,643; Jan. 5.

Velander, Charles L. (See Robitoy, L. P., and Velander.)

Venzie, Frederick M., Philadelphia, Pa. Partition and like building construction. 1,568,110; Jan. 5.

Venzlaff, Richard, assignor of two-thirds to A. and W. Von Mumm, Berlin, Germany. Stepper. 1,568,109; Jan. 5.

Vermillion, Helen M., assignor to Order of Job's Daughters, Omaha, Nebr. Lodge pin. Des. 69,191; Jan. 5.

Vester, Alfred, Sons, Inc. (See McFadden, Glenn E., assignor.)

Victory-Kidder Printing Machine Company Limited, The. (See Ratcliff, W., and Wallace, assignor.)

Vidos, Mike, Renton, Wash. Scythe. 1,568,111; Jan. 5.

Villaret, Gustave E., Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y. Base for portable electric lamps. Des. 69,192; Jan. 5.

Vitrolite Company, The. (See Beebe, Daniel S., assignor.)

Voge, Charles J., Chicago, Ill. Ignition device. 1,568,112; Jan. 5.

Voices Incorporated. (See Grubman, Leo J., assignor.)

Von Mehren, Erick, assignor to Hoar Shovel Company, Duluth, Minn. Mechanical shovel. 1,568,699; Jan. 5.

Von Mumm, Arthur, et al. (See Venzlaff, Richard, assignor.)

Von Mumm, Walter, et al. (See Venzlaff, Richard, assignor.)

Von Waldy, Julius, New York, N. Y. Boat. 1,568,486; Jan. 5.

Vumbaca, Anthony, South Bend, Ind. Protective device for desks. 1,568,356; Jan. 5.

Vurpillat, Albert F., Fargo, N. Dak. Retaining device for rim lugs. 1,568,487; Jan. 5.

Wadsworth Watch Case Company, The. (See Conant, Arthur P., assignor.)

Walborn, Joseph E. (See Clark, J., and Walborn.)

Walker, Arthur W., Malden, Mass. Counterpoise for stove doors. 1,568,357; Jan. 5.

Walker, Harold M. (See Elliott G., and Walker.)

Walker, Willis F., Siesholtzville, Pa. Rail joint. 1,568,257; Jan. 5.

Wallace, Hugh. (See Ratcliff, W., and Wallace.)

Waller, Elnar, assignor to General Motors Corporation, Detroit, Mich. Terminal connecter. 1,568,644; Jan. 5.

Walsh, James M., Milwaukee, Wis. Breeching lead-up attachment. 1,568,113; Jan. 5.

Walsh, James M., Milwaukee, Wis. Bridle. 1,568,114; Jan. 5.

Warner, John C., Schenectady, N. Y., assignor to General Electric Company. Electron-discharge apparatus. 1,568,701; Jan. 5.

Warnock, Robert, West Chester, Pa. Cream separator. 1,568,645; Jan. 5.

Warren, Henry E., Ashland, Mass., assignor to General Electric Company. Graphic integrating recorder. 1,568,702; Jan. 5.

Warren, Henry E., Ashland, Mass., assignor to General Electric Company. Demand recorder. 1,568,703; Jan. 5.

Warren, Henry E., Ashland, Mass., assignor to General Electric Company. Demand recorder. 1,568,704; Jan. 5.

Waschatz, Otto A. (See Harrison, J. A., and Waschatz.)

Waterbury Farrel Foundry and Machine Co., The. (See Atkins, Clarence E., assignor.)

Waterstone, Henry, Montgomery, W. Va. Fuel-feed system. 1,568,936; Jan. 5.

Watson, Guy, Canastota, N. Y. Cutter mounting. 1,568,199; Jan. 5.

Weaver, Gallard E., assignor to Weaver Manufacturing Company, Springfield, Ill. Automobile elevating runway. 1,568,387; Jan. 5.

Weaver, John D., Woodriver, Ill. Implement for marking roof-rafter cuts and braces. 1,568,115; Jan. 5.

Weaver Manufacturing Company. (See Weaver, Gallard E., assignor.)

Webb, Jean F., jr., New York, N. Y., assignor to The International Signal Co. Forestalling apparatus. 1,568,646; Jan. 5.

Webb, Jervis B., Royal Oak, Mich. Sprocket chain. 1,568,116; Jan. 5.

Webster, William E., Birmingham, Ala. Freight skid. 1,568,303; Jan. 5.

Weeks, Francis H., New York, N. Y. Hoisting bucket. 1,568,488; Jan. 5.

Weeks, Walter L., Paterson, N. J., assignor to Wright Aeronautical Corporation. Reverse gear and clutch-operating mechanism. 1,568,578; Jan. 5.

Weger, Charles J., Cleveland, Ohio. Internal-combustion engine. 1,568,431; Jan. 5.

Weinfield, Charles, et al., executors. (See Herskovitz, Max.)

Weise, Willy, Berlin-Malchow, Germany. Stretcher for boots and shoes. 1,568,432; Jan. 5.

Weissenborn, Oscar A., et al. (See Kolling, C. H., and Prietz, assignors.)

Welsh, George L., Dixon, Ill. Differential drive mechanism. 1,568,358; Jan. 5.

Wertheimer, Leo, Buffalo, N. Y. Faucet. 1,568,647; Jan. 5.

Weslake, Henry, assignor of one-half to H. J. Weslake, Exeter, England. Carburetor for internal-combustion engines. 1,568,784; Jan. 5.

Weslake, Henry J. (See Weslake, Henry, assignor.)

Westbury, William, Canastota, N. Y. Pot and kiln construction. 1,568,785; Jan. 5.

Western Electric Company. (See Hocker, Carl D., assignor.)

Western Electric Company. (See Smythe, Edwin H., assignor.)

Western Electric Company. (See Williams, S. B., and Gibson, assignors.)

Wheeler, Louis B., Memphis, Tenn. Burning-in stand. 1,568,489; Jan. 5.

Wheeler, William H., Glen Ridge, and J. C. Logan, Jersey City, N. J., assignors to Fecco Number Plate Corporation, New York, N. Y. Anchorage. 1,568,433; Jan. 5.

Wheten, James K. (See Olsson, Zacharias, assignor.)

White, John W., assignor to General Motors Corporation, Detroit, Mich. Manufacture of gears. 1,568,648; Jan. 5.

White Pine Sash Company. (See Edmond, Oscar G., assignor.)

Whitehead, Richard H., assignor to The New Haven Clock Co., New Haven, Conn. Dial glass for clocks. Des. 69,193; Jan. 5.

Whitehead, Richard H., assignor to The New Haven Clock Co., New Haven, Conn. Clock case. Des. 69,194; Jan. 5.

Whitehead, Richard H., assignor to The New Haven Clock Co., New Haven, Conn. Clock case. Des. 69,195; Jan. 5.

Whiting, Victor H., assignor to Sargent & Company, New Haven, Conn. Lock. 1,568,579; Jan. 5.

Whitman, John F., Brooklyn, N. Y. Apparatus for the standardization of solutions. 1,568,117; Jan. 5.

Whittington, Frederik G., Evanston, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Thermostatic switch for temperature indicators. 1,568,388; Jan. 5.

Wickop, Robert, Leuthen, Germany. Machine for cutting fruit into cubes. 1,568,786; Jan. 5.

Wilder, Harry C., et al. (See Fenlason, Charles F., jr., assignor.)

Wilderman, Meyer, London, England. Apparatus for production of hypochlorites and chlorates. 1,568,787; Jan. 5.

Williams, Elmer R., assignor of one-eighth to G. A. Messick, one-eighth to C. Gault, and one-eighth to T. H. Browns, Springfield, Mo. Water-heating system. 1,568,788; Jan. 5.

Williams, Elmer R., Springfield, assignor of three-sixteenths to A. E. Morelock, three-sixteenths to S. B. Campbell, St. Louis, and two-sixteenths to G. A. Messick, Springfield, Mo. Washing apparatus. 1,568,789; Jan. 5.

Williams, Edward T., assignor of one-half to W. O. Smith, Brooklyn, N. Y. Magnetic coupling. 1,568,304; Jan. 5.

Williams, Edward T., New York, N. Y. Magnetic clutch. 1,568,305; Jan. 5.

Williams, Patrick M., North Wilkesboro, N. C., assignor to Moore Dry Kiln Company, Jacksonville, Fla. Veneer kiln. 1,568,258; Jan. 5.

Williams, Samuel B., Brooklyn, N. Y., and E. S. Gibson, Ridgewood, N. J., assignors, by mesne assignments, to Western Electric Company, Incorporated. Telephone-exchange system. 1,568,306; Jan. 5.

Wilson, Ezekiel J., East Greenbush, assignor to F. C. Huyck & Sons, Rensselaer, N. Y. Method and apparatus for cleaning felts. 1,568,259; Jan. 5.

Wilson, Ross M., Cleveland, Ohio. Display device. 1,568,388; Jan. 5.

Wilson, Samuel S., Meyerton, Transvaal, South Africa. Apparatus for manufacturing sheets and other articles from plastic materials. Re16,241; Jan. 5.

Wilson, Henry A. (See Conklin, Vernon A., assignor.)

Wilson, William H. (See Land, Charles H., jr., assignor.)

Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-building machine. 1,568,118; Jan. 5.

Winsor, Roy J., Bucyrus, Ohio. Road-working machine. 1,568,490; Jan. 5.

Winterson, Patrick H., San Francisco, Calif. Window lock. 1,568,434; Jan. 5.

Winzer, Charles B., London, England. Receptacle for eggs and other fragile articles. 1,568,435; Jan. 5.

Wolf, Davis L., Archer County, Tex. Combined buffer and snubber. 1,568,119; Jan. 5.

Wolf, Sayer & Heller. (See Hellerman, Adolph C., assignor.)

Wollensak, Andrew. (See Magin, J. G., and Wollensak.)

Wollensak Optical Company. (See Magin, J. G., and Wollensak, assignors.)

Woodrow, Oliver B., Newton, Iowa. Washing-machine clutch mechanism. 1,568,390; Jan. 5.

Woodruff, Leonidas D., St. Louis, Mo. Ball joint. 1,568,649; Jan. 5.

Woodstock Typewriter Company. (See Hokanson, Otto A., assignor.)
Workman, Harold, Glasgow, Scotland. Projection lamp. 1,568,491; Jan. 5.
Wright Aeronautical Corporation. (See Weeks, Walter L., assignor.)
Wright, Sam A., et al. (See Dargue, Walter, assignor.)
Wright, Samuel P., Franklin, Ky. Plant setter. 1,568,580; Jan. 5.
Wright, Wilbur L., assignor to Oswego Falls Corporation, Fulton, N. Y. Paper and like material container. 1,568,790; Jan. 5.
Wunthal, Morris, New York, N. Y. Pocketbook. 1,568,120; Jan. 5.
Yanez, Jose B., Davenport, Iowa. Cravat frame. 1,568,121; Jan. 5.
Yolton, Robert E., Birmingham, Ala., assignor to Kilby Frog & Switch Sompany. Switch-throw mechanism. 1,568,650; Jan. 5.
Young, Arthur P. (See Butcher, J. H., and Young.)
Young, L. A., Industries, Inc. (See Smith, Stanley G., assignor.)
Young, Walter T., Weiser, Idaho. Rotary internal-combustion engine. 1,568,391; Jan. 5.
Zabel, Bruno, Feura Bush, N. Y. Loop-the-loop toy. 1,568,492; Jan. 5.
Zahn, Hans. (See Hirsch, L., and Zahn.)
Zawistowski, Martin, Brooklyn, N. Y. Cloth-cutting machine. 1,568,705; Jan. 5.
Zifferer, Lothar R., Columbia, Pa. Clamp. 1,568,122; Jan. 5.
Zwalsh, John J., Cleveland, Ohio. Auxiliary vehicle wheel. 1,568,937; Jan. 5.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 5TH DAY OF JANUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abrasives, Manufacturing artificial. C. J. Brockbank. 1,568,873; Jan. 5.
Acid sludge and making the same, Product derived from. H. T. Bennett, G. B. Murphy, and L. G. Story. 1,568,261; Jan. 5.
Adjustable clamp. J. H. Kortes. 1,568,225; Jan. 5.
Advertising device. O. J. Craig. 1,568,060; Jan. 5.
Aeroplane fuselages, Longéron and station brace for. H. S. Kwasigroch. 1,568,510; Jan. 5.
Air brake. E. C. Shaw. 1,568,189; Jan. 5.
Air-brake system. T. James, jr. 1,568,336; Jan. 5.
Air-conditioning apparatus. W. G. R. Braemer. 1,568,717; Jan. 5.
Air motor. C. G. Brattland, 1,568,718; Jan. 5.
Airplane-fuselage construction. J. A. Roche. 1,568,087; Jan. 5.
Alarm: *See*—
Burglar alarm.
Alcohol, Obtaining absolute propyl. J. A. Steffens. 1,568,349; Jan. 5.
Alimentary product and making same. J. H. Leftwich. 1,568,339; Jan. 5.
Aluminum chloride, Recovery of. A. M. McAfee. 1,568,171; Jan. 5.
Amalgamating means. C. C. Hamill. 1,568,276; Jan. 5.
Anchorage. W. H. Wheeler and J. C. Logan. 1,568,433; Jan. 5.
Angle wrench, Adjustable. R. C. Carver. 1,568,442; Jan. 5.
Anthraquinone series and making same, Condensation product of the. P. Schetelig. 1,568,627; Jan. 5.
Antiskid chain for vehicle tires. L. K. McClellan. 1,568,231; Jan. 5.
Article of manufacture and making the same. W. G. Morse. 1,568,463; Jan. 5.
Atomizer. C. Strachan and D. J. Irish. 1,568,427; Jan. 5.
Auto table and trunk, Combination. A. J. Pepin. 1,568,766; Jan. 5.
Automobile barge. P. F. Acocella. 1,568,307; Jan. 5.
Automobile bumper. S. H. Shaw. 1,568,925; Jan. 5.
Automobile curtain. B. L. Poloskie. 1,568,529; Jan. 5.
Automobile elevating runway. G. E. Weaver. 1,568,387; Jan. 5.
Automobile intake heater. H. R. Thompson. 1,568,642; Jan. 5.
Automobile signal switch. C. H. Kronewitter. 1,568,744; Jan. 5.
Automobile tops, Pocket in. G. E. Bishop. 1,568,712; Jan. 5.
Automobiles, Brake-testing device for. C. F. Cowdrey. 1,568,801–4; Jan. 5.
Automobiles, Steering post for. G. R. Derr. 1,568,367; Jan. 5.
Automobiles, Theft-alarm switch for. C. H. Kolling and R. Prietz. 1,568,509; Jan. 5.
Baby holder. A. A. Fagen. 1,568,063; Jan. 5.
Bag rack. L. J. Caywood. 1,568,877; Jan. 5.
Baking utensil, Rye-bread. H. Jung. 1,568,742; Jan. 5.
Ball: *See*—
Playing ball.
Ball. T. A. Lewis. 1,568,513; Jan. 5.
Ball-grinding mill. P. T. Lindhard. 1,568,752; Jan. 5.
Ball joint. L. D. Woodruff. 1,568,649; Jan. 5.
Banjo resonator. A. Shutt. 1,568,248; Jan. 5.
Bank. Z. M. Speer. 1,568,574–5. Jan. 5.
Barbers' hair cloths and the like, Fastener for. J. Favata, jr. 1,568,819; Jan. 5.
Battery. M. Knezevich. 1,568,851; Jan. 5.
Battery indicator. W. Goff. 1,568,829; Jan. 5.
Bead-buffing machine. R. W. Snyder. 1,568,634; Jan. 5.
Bead flapping machine, Straight-side. F. D. Fowler. 1,568,823; Jan. 5.
Bean separator. F. Stuhr. 1,568,253; Jan. 5.
Bearing, Heavy-duty. F. W. Carlson. 1,568,318; Jan. 5.
Bearing, Knuckle. P. F. Swayne. 1,568,782; Jan. 5.
Bearing or the like, Thrust. H. T. Newbigin. 1,568,908; Jan. 5.
Bearing, Shaft. M. C. Griffin and D. L. Berkey. 1,568,731; Jan. 5.
Bed, Camper's folding. S. A. Miller. 1,568,409; Jan. 5.
Bed, Folding. F. L. H. Sims. 1,568,348; Jan. 5.
Beet topper. A. F. Djuberg. 1,568,811; Jan. 5.
Belt fastener. W. Dargue. 1,568,443; Jan. 5.
Binder, Loose-leaf. H. J. Holst. 1,568,403; Jan. 5.
Bit wings, Hand tool for forming. M. T. Flanagan. 1,568,372; Jan. 5.
Blasting machines, Testing. D. M. McFarland. 1,568,609; Jan. 5.
Block: *See*—
Building block.
Blowpipe. J. Harris. 1,568,331–2; Jan. 5.
Board: *See*—
Composition board. Ironing board.
Board-forcing tool. E. C. Derby. 1,568,885; Jan. 5.
Boat. J. Von Waldy. 1,568,486; Jan. 5.
Boiler: *See*—
Water-tube boiler.
Boiler jacket. F. B. Howell. 1,568,556; Jan. 5.
Boiler-supply system. R. L. d'Espujols. 1,568,503; Jan. 5.
Bolster cushion. G. L. Harvey. 1,568,333; Jan. 5.
Bolt lock, Panic. W. J. Carroll. 1,568,135; Jan. 5.
Book cover, Adjustable. A. and I. A. Coleman. 1,568,723; Jan. 5.
Bottle. J. P. Curran. Des. 69,176; Jan. 5.
Bottle. P. W. McAbee. Des. 69,185; Jan. 5.
Bottle, Perfume. G. T. Gibson. Des. 69,177; Jan. 5.
Bottles, Machine for filling and sealing. A. J. Billows. 1,568,129; Jan. 5.
Bow shuttle. O. Hackenberg. 1,568,599; Jan. 5.
Bowling pin. H. J. Bluhm. 1,568,313; Jan. 5.
Box: *See*—
Hatbox. Radioplate battery box.
Box construction. A. Klein. 1,568,608; Jan. 5.
Box covering. J. H. Krailing. Des. 69,182; Jan. 5.
Bracelets, Extension attachment for flexible. C. H. Patten. 1,568,617; Jan. 5.
Braiding machines, Carrier for. C. F. Valley. 1,568,354; Jan. 5.
Brake: *See*—
Air brake. Railway brake.
Brake-applying mechanism. G. J. Thomas. 1,568,301; Jan. 5.
Brake band. C. Anderson. 1,568,043; Jan. 5.
Brake-beam fulcrums, Making. S. A. Crone. 1,568,322; Jan. 5.
Brake system. E. C. Burns. 1,568,497; Jan. 5.
Brassière. A. S. Johnson. 1,568,457; Jan. 5.
Breaching lead-up attachment. J. M. Walsh. 1,568,113; Jan. 5.
Bricklayer's jointer. B. J. Kahn. 1,568,337; Jan. 5.
Bridge cantilever. L. H. Shoemaker. 1,568,631; Jan. 5.
Bridle. J. M. Walsh. 1,568,114; Jan. 5.
Brush. T. J. Scofield. 1,568,774; Jan. 5.
Brush handle, Adjustable. G. Nitz. 1,568,524; Jan. 5.
Brush head. W. D. Rose. 1,568,418; Jan. 5.
Brush, Insulator. H. E. and M. E. Miles. 1,568,408; Jan. 5.
Bucket, Minnow. C. R. Gleason. 1,568,730; Jan. 5.
Buffer and snubber, Combined. D. L. Wolf. 1,568,119; Jan. 5.
Building block. L. S. Munson. 1,568,613; Jan. 5.
Building blocks for toy structures. O. H. Strub. 1,568,252; Jan. 5.
Building construction. J. B. Strauss. 1,568,099; Jan. 5.
Building sheets or slabs, Apparatus for the manufacture of composition. J. A. Harrison and O. A. Waschatz. 1,568,832; Jan. 5.
Bumper. H. S. Jandus. 1,568,557–8; Jan. 5.
Bumper attacher. W. A. Starck. 1,568,949; Jan. 5.
Burglar alarm. A. E. Coyne. 1,568,882; Jan. 5.
Burglarproof auxiliary lock. E. C. Kinnear. 1,568,740; Jan. 5.
Burial garment. Z. S. Tucker. 1,568,107; Jan. 5.
Burner: *See*—
Oil burner.
Burning-in stand. L. B. Wheeler. 1,568,489; Jan. 5.
Cabinet, Post-card. K. Gearon. 1,568,729; Jan. 5.
Cabinet, Work. A. Callver. 1,568,498; Jan. 5.
Cable-box anchorage. W. A. Bonnell. 1,568,131; Jan. 5.
Camera bellows construction. J. Christie. 1,568,656; Jan. 5.
Camera, Photographic. G. A. Riggs. 1,568,623; Jan. 5.
Camera, Self-erecting-front. C. F. Speidel. 1,568,636; Jan. 5.
Cameras, Bellows support for. C. E. Hutchings. 1,568,670; Jan. 5.
Cameras, Rising front for. C. E. Hutchings. 1,568,671; Jan. 5.
Can: *See*—
Friction-top can. Oil can.
Milk can.
Can. N. P. Bach. 1,568,438; Jan. 5.
Can opener. A. M. Becker. 1,568,312; Jan. 5.
Can opener and stopper. J. A. Gibson. 1,568,828; Jan. 5.

Cans, Apparatus for recovering the contents of. W. E. Mitton. 1,568,081; Jan. 5.
Candy box. L. Perry. Des. 69,187; Jan. 5.
Canes and the like, Adjustable tip for. C. Sifferlen. 1,568,423; Jan. 5.
Car coupling. P. McDonald. 1,568,678; Jan. 5.
Car-door posts, Bolt mounting and shoe for. K. F. Nystrom. 1,568,689; Jan. 5.
Car truck. H. C. Priebe. Re16,242; Jan. 5.
Carrier: *See*—
Tire carrier.
Cars, Canopy for loading. A. T. McWane. 1,568,286; Jan. 5.
Carbonizing box or the like. C. E. MacQuigg. 1,568,174; Jan. 5.
Carburetor. G. Constantinesco. 1,568,881; Jan. 5.
Carburetor. T. W. L. McGuire. 1,568,341; Jan. 5.
Card drawers, Rod-fastening device for. A. J. Ball. 1,568,202; Jan. 5.
Cards, Playing. M. A. Brandt. 1,568,206; Jan. 5.
Carrier-wave transmission and communicating system. E. H. Smythe. 1,568,194; Jan. 5.
Case: *See*—
Vanity case.
Case holder. L. Emerich. 1,568,890; Jan. 5.
Cash register. O. J. Sundstrand. 1,568,300; Jan. 5.
Casting furnace bosh plates, Process and apparatus for, J. Smith. 1,568,096; Jan. 5.
Cement blocks, Mold for the manufacture of. O. L. Husband. 1,568,335; Jan. 5.
Chair: *See*—
Convertible chair. Folding chair.
Chairs, Leg rest for. G. D. Goodwin. 1,568,217; Jan. 5.
Character-reading device. M. G. Horn and B. B. B. Berens. 1,568,841; Jan. 5.
Check book. W. C. Bibb. 1,568,128; Jan. 5.
Check, Rebound. N. F. McNaught. 1,568,858; Jan. 5.
Chest: *See*—
Silver chest.
Chlorides, Making. G. S. Prichard and H. Henderson. 1,568,181; Jan. 5.
Christmas trees, Limb-securing device for. J. Junkunc. 1,568,607; Jan. 5.
Chuck. J. W. Briscoe. 1,568,049; Jan. 5.
Circuits, Frequency selective. H. W. Elsasser. 1,568,141–4; Jan. 5.
Clamp: *See*—
Adjustable clamp. Printer's clamp.
Clamp. E. C. Taylor. 1,568,101; Jan. 5.
Clamp. L. R. Zifferer. 1,568,122; Jan. 5.
Clamping chuck. H. Boes. 1,568,869; Jan. 5.
Clay, Modeling. E. E. Snook. 1,568,098; Jan. 5.
Cleaner: *See*—
Grain cleaner. Yarn cleaner.
Pipe cleaner.
Cleaning compound. T. S. Noguchi. 1,568,910; Jan. 5.
Clip: *See*—
Pencil clip. Retainer clip.
Clock case. R. H. Whitehead. Des. 69,194–5; Jan. 5.
Clock, Coin-controlled. C. and N. Malouf. 1,568,564; Jan. 5.
Clocks, Dial glass for. R. H. Whitehead. Des. 69,193; Jan. 5.
Clockwork-testing machine. O. Junghans. 1,568,404; Jan. 5.
Cloth-cutting machine. M. Zawistowski. 1,568,705; Jan. 5.
Clothesrack. G. B. Douglas. 1,568,446; Jan. 5.
Clutch device. H. A. Myers. 1,568,567; Jan. 5.
Coaster wagons, Running gear for. H. G. Gould. 1,568,218; Jan. 5.
Coating composition. C. D. Hocker. Re16,240; Jan. 5.
Coating for molds. D. H. Meloche. 1,568,234; Jan. 5.
Cock. H. Gray. 1,568,451; Jan. 5.
Coin-controlled mechanism. R. H. Pease. 1,568,570; Jan. 5.
Coins or other objects, Mechanism for depositing. C. Berger. 1,568,711; Jan. 5.
Collar, Fold-over. J. W. Hess. 1,568,158; Jan. 5.
Color cards and the like, Printing sample. G. H. Lund. 1,568,076; Jan. 5.
Color-printing device. R. Bryson. 1,568,651; Jan. 5.
Combination lock. D. Roberti. 1,568,624; Jan. 5.
Comminuted material to a conduit, Device for feeding. C. L. Dewey. 1,568,139; Jan. 5.
Commutation. F. S. Marcellus. 1,568,682; Jan. 5.
Composition board. G. A. Buttress and C. F. Craig. 1,568,314; Jan. 5.
Composition of matter. H. P. Bassett and M. R. Isaacs. 1,568,044; Jan. 5.
Compression gauge. P. L. Ormiston. 1,568,913; Jan. 5.
Compressor. D. F. Smith. 1,568,776; Jan. 5.
Compressor. C. C. Spreen. 1,568,195; Jan. 5.
Compressor, Elastic-fluid. C. A. Baker. 1,568,708; Jan. 5.
Computing or multiplying machine. C. C. Coss. 1,568,800; Jan. 5.
Concrete mixer. H. G. Butler, A. F. Teichman, and E. Carr. 1,568,653; Jan. 5.
Concrete pipes, Reenforcement for. A. N. Macneol. 1,568,233; Jan. 5.
Concrete post. R. Toennes. 1,568,352; Jan. 5.
Concrete wall section, Reenforced-. C. Carrillon. 1,568,266; Jan. 5.
Concrete walls, Making reenforced-. C. Carrillon. 1,568,265; Jan. 5.
Condenser. D. Grimes. 1,568,274; Jan. 5.
Connecter sleeve. C. E. Godley. 1,568,666; Jan. 5.
Constant-frequency source. R. Gunn. 1,568,065; Jan. 5.
Container. T. C. Foster. 1,568,150; Jan. 5.
Containers, Machine for filling. R. P. De Vries. 1,568,444; Jan. 5.
Convertible chair. G. A. Rossborough. 1,568,419; Jan. 5.
Conveying mechanism. G. B. Flint. 1,568,594; Jan. 5.
Cooking chart. W. E. Derwent. 1,568,952; Jan. 5.
Copper, Recovering. J. W. Neill. 1,568,464; Jan. 5.
Copyholder. V. C. Smith. 1,568,425; Jan. 5.
Copyholder apparatus. P. Grabler. 1,568,552–3; Jan. 5.
Corset. S. J. Newman. 1,568,909; Jan. 5.
Corset, girdle, and the like. C. F. Littlejohn and J. E. Lipshitz. 1,568,894; Jan. 5.
Cotton bolls, Harvester for. J. L. Prichard. 1,568,530; Jan. 5.
Coupling: *See*—
Car coupling. Magnetic coupling.
Hose coupling.
Cover. J. G. Chambers. 1,568,878; Jan. 5.
Cow-tail holder. H. Lawrance. 1,568,747; Jan. 5.
Cravat frame. J. B. Yanez. 1,568,121; Jan. 5.
Cream separator. R. Warnock. 1,568,645; Jan. 5.
Crossing signal, Highway-. C. R. Graves. 1,568,220; Jan. 5.
Cultivator shovel. G. Tolman. 1,568,484; Jan. 5.
Currier, Automatic. E. Larson. 1,568,226; Jan. 5.
Curtain and shade supporting bracket, Window. M. O. Briggs. 1,568,872; Jan. 5.
Curtain-pole, drapery-rod, and shade-roller support. T. E. Farmer. 1,568,818; Jan. 5.
Cushion: *See*—
Bolster cushion.
Cut-off. A. S. Reynolds. 1,568,531; Jan. 5.
Cutter: *See*—
Grass cutter. Stalk cutter.
Ice-cream cutter.
Cutter mounting. G. Watson. 1,568,199; Jan. 5.
Cutting apparatus, Rotary. A. L. Martens. 1,568,520; Jan. 5.
Cycle plane. P. A. C. Sliver. 1,568,095; Jan. 5.
Desk, Drawing and writing. H. Koch. 1,568,850; Jan. 5.
Desks, Protective device for. A. Vumbaca. 1,568,356; Jan. 5.
Differential drive mechanism. G. I. Welsh. 1,568,358; Jan. 5.
Digger: *See*—
Potato digger.
Disks, Mill and method for rolling tapered. E. G. Budd. 1,568,050; Jan. 5.
Dispatch systems, Power controller for pneumatic-. J. T. Cowley. 1,568,398; Jan. 5.
Dispensing device. N. F. Dahne and A. L. Thanos. 1,568,137; Jan. 5.
Dispensing device. W. A. Schatz. 1,568,091; Jan. 5.
Display and clothes line. J. B. and M. H. Tuttle. 1,568,428; Jan. 5.
Display device. R. M. Wilson. 1,568,389; Jan. 5.
Display stand. F. W. Gibson. 1,568,941; Jan. 5.
Display stand for tobacco pipes and smokers' accessories. H. J. Hartshorn. Des. 69,179; Jan. 5.
Distance finder. J. G. Magin and A. Wollensak. 1,568,759; Jan. 5.
Distillation, Method of and apparatus for effecting continuous. F. M. Hess. 1,568,157; Jan. 5.
Dolly-stretcher frame. R. M. Fechner. 1,568,591; Jan. 5.
Door check, Swinging-. K. Libbeck and V. Bryngelson. 1,568,856; Jan. 5.
Door hanger. S. P. Cross. 1,568,270; Jan. 5.
Doors, Manufacture of wooden panel. A. F. Biles. 1,568,395; Jan. 5.
Dough-mixing machine. F. Notz and G. Royan. 1,568,291; Jan. 5.
Drier: *See*—
Soap drier.
Drier. E. E. Anderson. 1,568,436; Jan. 5.
Drier. J. Judelson. Re16,244.
Drill: *See*—
Well drill.
Dumping device. E. D. Church. 1,568,208; Jan. 5.
Dust guard. F. B. Harrison. 1,568,554; Jan. 5.
Dyes and making same, Carbocyanine. G. O. Gutekunst. 1,568,667; Jan. 5.
Dyes of the thioindigo series, Vat. A. W. Joyce. 1,568,458; Jan. 5.
Dyestuff and making same, Green sulphurized. E. Reber and J. Fröhlich. 1,568,622; Jan. 5.
Dynamo-electric machine. A. A. Pollock. 1,568,692; Jan. 5.
Ear-feeding apparatus. G. Elliott and H. M. Walker. 1,568,661; Jan. 5.
Electric cables, Attaching device for. C. E. Hartvig. 1,568,603; Jan. 5.
Electric condenser. E. Pfiffner. 1,568,918; Jan. 5.
Electric currents, Frequency filter for. H. W. Elasser. 1,568,143; Jan. 5.
Electric-light fixture. S. R. Powell. Des. 69,188; Jan. 5.
Electric-lighting fixture. W. Symmes. 1,568,929; Jan. 5.

Electric lighting fixtures, Adjustable strap for. M. Herskovitz. 1,568,279; Jan. 5.
Electric machine, Dynamo-. C. O. Bergstrom. 1,568,262; Jan. 5.
Electric-wire connecter. L. J. Brune, sr. 1,568,585; Jan. 5.
Electrical appliance. W. Proulx. 1,568,767; Jan. 5.
Electrical machine units, Apparatus for effecting the automatic connecting and disconnecting of. F. Schmidlin. 1,568,474; Jan. 5.
Electromagnetic relay. T. G. Martin. 1,568,760; Jan. 5.
Electron-discharge apparatus. J. C. Warner. 1,568,701; Jan. 5.
Elevator-door equipment, Safety automatic. O. P. McGee. 1,568,461; Jan. 5.
Enamel-cleaning compound. C. W. Dees. 1,568,323; Jan. 5.
Engine: *See*—
Internal-combustion engine. Turbine engine.
Rotary engine.
Engine and particularly internal-combustion engine. H. Michel. 1,568,684; Jan. 5.
Engines and means for maintaining uniform mixture conditions of the charge, Charge-supply means for internal-combustion. C. C. Minter. 1,568,410; Jan. 5.
Engines, Auxiliary attachment for internal-combustion. J. S. Haywood. 1,568,837; Jan. 5.
Engines, Carburetor for internal-combustion. H. Weslake. 1,568,784; Jan. 5.
Engines, Wrist pin for reciprocating. G. B. Collier. 1,568,209; Jan. 5.
Envelope. V. A. Conklin. 1,568,880; Jan. 5.
Evaporator. J. F. Clingenpeel. 1,568,364; Jan. 5.
Exhaust cut-out. E. R. Drayer. 1,568,061; Jan. 5.
Explosive. T. L. Davis. 1,568,502; Jan. 5.
Extension table. M. H. Fahrney. 1,568,370; Jan. 5.
Eyeshade. H. A. Metcalf. 1,568,900; Jan. 5.
Fabric: *See*—
Knit fabric.
Fan. W. Sparks. 1,568,779; Jan. 5.
Fan. W. Sparks. 1,568,780; Jan. 5.
Fan blade, Electric-. A. Generich. 1,568,946; Jan. 5.
Faucet. L. Wertheimer. 1,568,647; Jan. 5.
Feed regulator. F. I. Raymond. 1,568,571; Jan. 5.
Felts, Method and apparatus for cleaning. E. J. Wilson. 1,568,259; Jan. 5.
Fence post. W. Frost. 1,568,596; Jan. 5.
Ferris wheel. J. P. Smith. 1,568,424; Jan. 5.
Filament-drying apparatus. S. A. Neidich. 1,568,686; Jan. 5.
Filaments formed from viscose, Apparatus for treating. S. A. Neidich. 1,568,687; Jan. 5.
Filling and controller. A. E. Stafford. 1,568,481; Jan. 5.
Fire extinguisher. G. T. Pearsons. 1,568,084; Jan. 5.
Fire extinguisher. S. S. Schwab. 1,568,536; Jan. 5.
Fire-extinguishing apparatus. F. C. Bargar. 1,568,795; Jan. 5.
Fireplace. H. A. Elson. 1,568,816; Jan. 5.
Fish lure. C. L. Dewey. 1,568,325; Jan. 5.
Fishing-line holder and reel therefor, Spare-. F. H. Auld. 1,568,309; Jan. 5.
Fishing reel. W. A. Foss. 1,568,149; Jan. 5.
Fishing tool. W. E. Davison and W. B. Marshall. 1,568,808; Jan. 5.
Flash light. J. L. Shannon. 1,568,093; Jan. 5.
Flow device, Proportional-. E. B. Phelps. 1,568,619; Jan. 5.
Flower, Artificial. G. Rosas. 1,568,859; Jan. 5.
Fluid control, Automatic. G. Buelna. 1,568,720; Jan. 5.
Fluids from wells, Machine for pumping. A. H. Low. 1,568,516; Jan. 5.
Flying machine. F. S. Bliss. 1,568,205; Jan. 5.
Flying machines, Maintaining the equilibrium of. F. W. Dufwa. 1,568,887; Jan. 5.
Folding chair. M. Borisof. 1,568,715; Jan. 5.
Folding chair. W. Rosenkranz. 1,568,244; Jan. 5.
Foot-measuring device. L. C. Krueger and L. J. Brecht 1,568,072; Jan. 5.
Football-cleat-applying tool. W. H. Albee. 1,568,308; Jan. 5.
Footwear construction, Pneumatic. J. C. Keller. 1,568,405; Jan. 5.
Forestalling apparatus. J. F. Webb, jr. 1,568,646; Jan. 5.
Fountain: *See*—
Inking fountain.
Frame: *See*—
Cravat frame. Dolly-stretcher frame.
Frame parts, Machine for producing. D. Karron. 1,568,739; Jan. 5.
Freight skid. W. E. Webster. 1,568,303; Jan. 5.
Friction-top can. D. P. Robinson. 1,568,625; Jan. 5.
Fruit and cereal product and producing same. G. F. Humphrey. 1,568,162; Jan. 5.
Fruit into cubes, Machine for cutting. R. Wickop. 1,568,786; Jan. 5.
Fuel-burner control. C. C. Cushman. 1,568,588; Jan. 5.
Fuel-feed system. H. Waterstone. 1,568,936; Jan. 5.
Fuel-saving device. O. A. Tofteen. 1,568,302; Jan. 5.
Fungicide and insecticide composition. O. F. Hedenburg. 1,568,455; Jan. 5.
Funnel. G. R. Duggan. 1,568,504; Jan. 5.
Furnace: *See*—
Oil furnace.
Furnace or oven. H. B. Cannon. 1,568,817; Jan. 5.
Furnaces, Apparatus for pulverizing and feeding fuel to. L. H. Bergmann. 1,568,945; Jan. 5.
Furniture tops, Edge construction for. F. A. Schmits. 1,568,247; Jan. 5.
Game apparatus. P. H. and E. N. Kohler. 1,568,852; Jan. 5.
Game apparatus. P. J. McGrath. 1,568,340; Jan. 5.
Game apparatus. E. B. Stout. 1,568,576; Jan. 5.
Game card. L. Edelson. 1,568,548; Jan. 5.
Game table. T. R. Treiber. 1,568,106; Jan. 5.
Garage. W. A. Pungs. 1,568,384; Jan. 5.
Garden implement. W. A. Crump. 1,568,136; Jan. 5.
Garment. S. E. Gallemore. 1,568,826; Jan. 5.
Garment, Child's. F. Gardner. 1,568,449; Jan. 5.
Garment-hanger support. M. L. Argo. 1,568,538; Jan. 5.
Garter package. H. B. Heyman. 1,568,838; Jan. 5.
Gas burners, Automatic ignition device for. W. E. Potteiger. 1,568,620; Jan. 5.
Gas burners, Grid for. J. Roy. 1,568,771; Jan. 5.
Gas heater. F. M. Miner. 1,568,610; Jan. 5.
Gas range. F. E. Seeley. 1,568,188; Jan. 5.
Gasoline-supply device, Auxiliary. W. L. Mitchell. 1,568,380; Jan. 5.
Gathering machine. C. A. Richards. 1,568,293; Jan. 5.
Gauge: *See*—
Compression gauge. Weight and depth gauge.
Pressure gauge.
Gauge cock. W. Mitterreiter. 1,568,522; Jan. 5.
Gear and clutch operating mechanism, Reverse-. W. L. Weeks. 1,568,578; Jan. 5.
Gears, Manufacture of. J. W. White. 1,568,648; Jan. 5.
Gearing, Variable-velocity ratio. W. B. Swart. 1,568,639; Jan. 5.
Gem setting. A. Shatkin. 1,568,924; Jan. 5.
Generator. L. M. Perkins. 1,568,237; Jan. 5.
Generator. E. D. Smith. 1,568,478; Jan. 5.
Generators, Trouble detector for. A. D. Ramsey. 1,568,285; Jan. 5.
Glb, Adjusting and clamping. N. Marcalus. 1,568,681; Jan. 5.
Glass goblet or similar article. W. H. Magee. Des. 69,184; Jan. 5.
Glove former. C. W. Mabey. 1,568,078; Jan. 5.
Golf club. W. Dunn. 1,568,888; Jan. 5.
Golf club. L. L. Turney. 1,568,485; Jan. 5.
Golf-hole cup and tool for inserting and extracting said cup. H. T. Coldwell. 1,568,321; Jan. 5.
Golf-hole-cup flag holder, base, and flag. H. T. Coldwell. 1,568,320; Jan. 5.
Graders, Grass-cutting attachment for. H. M. Baxter. 1,568,439; Jan. 5.
Gradometer. M. Brooks. 1,568,133; Jan. 5.
Grain cleaner. H. E. Pforr. 1,568,618; Jan. 5.
Grain elevators, Belt-adjusting apparatus for. A. C. Van Blowenling. 1,568,355; Jan. 5.
Graphic-instrument holder. E. Shaw. 1,568,347; Jan. 5.
Grapple. G. E. Boulton. 1,568,716; Jan. 5.
Grass cutter, Bermuda-. L. Fey. 1,568,549; Jan. 5.
Gravity register. F. G. Diago. 1,568,272; Jan. 2.
Grease, Compound for. A. B. Hutton. 1,568,606; Jan. 5.
Grill, Electric. M. F. Fitzgerald. 1,568,593; Jan. 5.
Grinders, Spring back rest for automatic. C. Knowles. 1,568,673; Jan. 5.
Grinding machine. W. S. Rogers. 1,568,184–5; Jan. 5.
Grinding wheel, Balance. M. O. Reeves. 1,568,920; Jan. 5.
Grizzly, Rotary. H. Littlewood. 1,568,561; Jan. 5.
Guns, Mount for flexible synchronized. H. O. Russell and C. L. Paulus. 1,568,089; Jan. 5.
Handle: *See*—
Brush handle.
Handsaw and grooving machine, Electric. E. S. French. 1,568,328; Jan. 5.
Hanger: *See*—
Door hanger. Shoe hanger.
Harrow, Disk. A. P. McKay. 1,568,806; Jan. 5.
Harvester. G. H. Ghrking. 1,568,450; Jan. 5.
Harvester, Beet. A. F. Djuberg. 1,568,810; Jan. 5.
Harvester, Corn. J. M. Meyers. 1,568,663; Jan. 5.
Harvester, Potato. J. Thompson. 1,568,482; Jan. 5.
Harvester thresher, Combination. W. F. MacGregor. 1,568,679; Jan. 5.
Harvesting machine, Pinto-bean-. W. K. Huff. 1,568,844; Jan. 5.
Hatbox. L. Hauser. 1,568,733; Jan. 5.
Hat brim and method of making. W. H. Robson. 1,568,626; Jan. 5.
Hat pad. L. Smith. 1,568,097; Jan. 5.
Headlamp reflector. F. L. Burke. 1,568,652; Jan. 5.
Headlight for automobiles. R. G. Camblin. 1,568,875; Jan. 5.
Headlight reflector. R. Haley. 1,568,942; Jan. 5.
Headlights of motor cars and other vehicles, Device for obviating the glare of the. F. W. J. Robinson. 1,568,922; Jan. 5.

Heater: *See*—
Automobile intake heater. Oil heater.
Gas heater. Water heater.
Heaters, Controlling device for. J. McAlear and E. W. Riesbeck. 1,568,756; Jan. 5.
Heating material at excessively different temperatures. A. M. Duckham and J. S. Morgan. 1,568,886; Jan. 5.
Heel-building machine. E. E. Winkley. 1,568,118; Jan. 5.
Heel for boots and shoes. H. E. Morse. Des. 69,186; Jan. 5.
Helicopter. L. Ortego. 1,568,765; Jan. 5.
Hoisting bucket. F. H. Weeks. 1,568,488; Jan. 5.
Holder. O. M. Gottesman and I. Rosenfeld. 1,568,550; Jan. 5.
Hose coupling, Automatic air-. W. J. Spencer. 1,568,860; Jan. 5.
Hose-winding reel, Automatic. T. J. Kitto. 1,568,743; Jan. 5.
Hosiery on a circular knitting machine, Knitting full-fashioned. J. M. Allen. 1,568,123; Jan. 5.
House number. G. T. Shearer. 1,568,630; Jan. 5.
Hub and closure structure. J. S. Reid. 1,568,768; Jan. 5
Hub-cap-attaching means. F. H. Auld. 1,568,707; Jan. 5.
Hydrocarbon liquids, Purifying. W. F. Downs. 1,568,813; Jan. 5.
Hydrocarbon oils, Apparatus for cracking. C. P. Dubbs. 1,568,400; Jan. 5.
Hydrocarbons, Treatment of low-boiling. W. F. Downs. 1,568,812; Jan. 5.
Hydrocycle. R. F. Hamme, jr. 1,568,831; Jan. 5.
Hypochlorites and chlorates, Apparatus for production of. M. Wilderman. 1,568,787; Jan. 5.
Ice-cream cabinet. P. Fritz. 1,568,216; Jan. 5.
Ice-cream-cone package. O. Hauge and W. A. England. 1,568,834; Jan. 5.
Ice-cream cutter. W. H. Ruttle. 1,568,534; Jan. 5.
Ice cream, Device for delivering a measured quantity of. G. A. Dumas. 1,568,660; Jan. 5.
Ignition device. C. J. Voge. 1,568,112; Jan. 5.
Ignition-switch lever. O. G. Barlow. 1,568,125; Jan. 5.
Inclosed switch. H. M. Broadwell. 1,568,042; Jan. 5.
Indicator: *See*—
Battery indicator.
Stop and direction indicator.
Inductances, Construction for. T. H. Brennan. 1,568,871; Jan. 5.
Injector. R. M. Ostermann. 1,568,466; Jan. 5.
Inking fountain. B. D. Stevens. 1,568,299; Jan. 5.
Inking rolls, Conditioning. E. Otten. 1,568,382; Jan. 5.
Insecticide-applying machine. W. A. Freeman. 1,568,448; Jan. 5.
Insulation-testing tool. M. De Micheli. 1,568,366; Jan. 5.
Internal-combustion engine. F. A. Bullington. 1,568,052; Jan. 5.
Internal-combustion engine. N. Gribojedoff. 1,568,378; Jan. 5.
Internal-combustion engine. J. B. Hawley, jr. 1,568,835; Jan. 5.
Internal-combustion engine. W. A. Keene. 1,568,071; Jan. 5.
Internal-combustion engine. A. D. MacFarlane. 1,568,342; Jan. 5.
Internal-combustion engine. C. E. Summers. 1,568,638; Jan. 5.
Internal-combustion engine. C. J. Weger. 1,568,431; Jan. 5.
Internal-combustion engine, Rotary. W. T. Young. 1,568,391; Jan. 5.
Iron and steel, Dephosphorizing. I. M. Scott and S. Peacock. 1,568,186; Jan. 5.
Ironing board. B. F. Grant. 1,568,376; Jan. 5.
Ironing board. J. Kunkle. 1,568,167; Jan. 5.
Ironing board, Concealed. G. A. Lippert. 1,568,228; Jan. 5.
Ironing board, Folding. W. W. Brooks and R. E. Rough. 1,568,797; Jan. 5.
Ironing machine. J. B. Kirby. 1,568,166; Jan. 5.
Ironing table. R. D. Springer. Re16,245; Jan. 5.
Jack: *See*—
Rail-elevating jack. Vehicle jack.
Joint: *See*—
Ball joint. Universal joint.
Rail joint.
Juice-extracting apparatus. J. I. Thornycroft. 1,568,255; Jan. 5.
Kiln, Veneer. P. M. Williams. 1,568,258; Jan. 5.
Kite. G. W. Ayling. 1,568,360; Jan. 5.
Knife-blade switch. H. E. Leppert. 1,568,676; Jan. 5.
Knit fabric. R. Rothman. 1,568,693; Jan. 5.
Knitting machine, Straight-frame. L. Hirsch and H. Zahn. 1,568,953; Jan. 5.
Knitting machines, Drop-stitch mechanism for. W. L. Lengel. 1,568,749; Jan. 5.
Knitting machines, Jack or slider for use in circular-. W. Spiers. 1,568,480; Jan. 5.
Knob. E. G. Danielson. 1,568,883; Jan. 5.
Knot-tying implement. R. W. Barker. 1,568,311; Jan. 5.
Lace with body bearing leaflike figures, Manufacture of. E. Mösebeck. 1,568,048; Jan. 5.
Ladder legs, Attachment for. C. V. Allen. 1,568,201; Jan. 5.
Ladder, Sleeping-car. H. I. Jones and F. M. Pinkerton. 1,568,846; Jan. 5.
Lamp, Bed. W. Symmes and W. Hanschen. 1,568,930; Jan. 5.
Lamp construction. Z. Olsson. 1,568,465; Jan. 5.
Lamp, Electric. J. Torrent. 1,568,256; Jan. 5.
Lamp, Portable electric. F. B. Little. 1,568,947; Jan. 5.
Lamp, Projection. H. Workman. 1,568,491; Jan. 5.
Lamp socket, Electric-. R. Eckstein. 1,568,815; Jan. 5.
Lamp, Therapeutical. F. W. Robinson and K. V. Knapp. 1,568,345; Jan. 5.
Lamp, Vehicle signal. B. Putterman. Des. 69,190; Jan. 5.
Lamps, Base for portable electric. G. E. Villaret. Des. 69,192; Jan. 5.
Lamps, Box or carton for electric. R. Hunt. 1,568,845; Jan. 5.
Larynx, Automatically-supported device for the direct examination of the. F. Haslinger. 1,568,732; Jan. 5.
Latch, Automobile door. R. L. Tullis. 1,568,353; Jan. 5.
Lath rack or holder. E. Gillett. 1,568,375; Jan. 5.
Lathes, Attachment for automatic. J. J. Thacher. 1,568,641; Jan. 5.
Lens and lamp therefor, Nonglare. W. T. Fishleigh. 1,568,505; Jan. 5.
Lens polisher. H. W. Hill. 1,568,066; Jan. 5.
License plate, Illuminated. W. M. Parkes. 1,568,915; Jan. 5.
License tag, Automobile. D. A. Smith and J. M. Davidson. 1,568,192; Jan. 5.
Lifter: *See*—
Valve lifter.
Light: *See*—
Flash light. Vehicle light.
Light and license-tag illuminator, Combined tail. A. Hemmer. 1,568,222; Jan. 5.
Light-projecting apparatus, Unitary. O. H. and A. F. Pieper. 1,568,085; Jan. 5.
Light projectors, Focusing means for. S. L. Libby. 1,568,169; Jan. 5.
Light rays, Unitary apparatus for projecting. O. H. and A. F. Pieper. 1,568,086; Jan. 5.
Light-reflector fixture. W. E. Price. Des. 69,189; Jan. 5.
Lighted plate. J. Mytko. 1,568,907; Jan. 5.
Lighting fixture. G. E. McFadden. 1,568,232; Jan. 5.
Lighting-fixture bracket. F. S. Crowell. Des. 69,173; Jan. 5.
Lighting fixtures, Bracket lock for. F. S. Crowell. Des. 68,174; Jan. 5.
Linen-cutting machine. H. J. Fellman. 1,568,592; Jan. 5.
Lip-stick holder. A. H. Noble. 1,568,178; Jan. 5.
Liquid-dispensing apparatus. G. W. MacKenzie. 1,568,518; Jan. 5.
Liquid-measuring apparatus. G. W. MacKenzie. 1,568,517; Jan. 5.
Liquid-measuring apparatus. G. W. MacKenzie. 1,568,519; Jan. 5.
Liquid strainer. R. S. Bassett. 1,568,126; Jan. 5.
Liquids, Automatic mechanism for raising. S. M. Greenlidge. 1,568,221; Jan. 5.
Liquids noncorrosive, System for rendering. J. F. Musselman. 1,568,763; Jan. 5.
Lock: *See*—
Bolt lock. Mortise lock.
Burglarproof auxiliary lock. Permutation switch lock.
Combination lock. Window lock.
Loom lock.
Lock. A. Pelzer. 1,568,916; Jan. 5.
Lock. V. H. Whiting. 1,568,579; Jan. 5.
Lock with several tumblers. M. Füber. 1,568,663; Jan. 5.
Locks, Faceplate-attaching means for. H. K. Moritz and F. H. Harp. 1,568,462; Jan. 5.
Locker. C. R. Lake. 1,568,073; Jan. 5.
Locking mechanism, Coin-controlled. F. J. Rowse. 1,568,769; Jan. 5.
Locomotive terminal and salvageing fire. J. J. Bernet. 1,568,542; Jan. 5.
Locomotive with combined drive. J. Stumpf. 1,568,197; Jan. 5.
Lodge pin. H. M. Vermillion. Des. 69,191; Jan. 5.
Loom lock. P. B. Clark. 1,568,799; Jan. 5.
Loom lock. R. D. Thompson. 1,568,783; Jan. 5.
Looms, Dobby for. E. C. Amsden. 1,568,943; Jan. 5.
Looms, Feeler mechanism for. M. L. Stone. 1,568,637; Jan. 5.
Loud speaker. G. D. Eddington. 1,568,589; Jan. 5.
Magnetic clutch. E. T. Williams. 1,568,305; Jan. 5.
Magnetic coupling. E. T. Williams. 1,568,304; Jan. 5.
Mail-pouch catcher. C. W. Nelswender and R. B. Furgason. 1,568,177; Jan. 5.
Match-making machine. K. P. Gottschalk. 1,568,153; Jan. 5.
Materials, Drying. M. D. Jones. 1,568,738; Jan. 5.
Mechanical shovel. E. von Mehren. 1,568,699; Jan. 5.
Metal, Bearing. J. Karaflat. 1,568,224; Jan. 5.
Metal-cutting tool. W. Butz. 1,568,056; Jan. 5.
Metal tubing and of tubular metal articles or instruments, Production of. S. J. Everett. 1,568,369; Jan. 5.

Metals and composition therefor, Treating. D. H. Crosser. 1,568,271; Jan. 5.
Metals, Purification of highly-oxidizable. R. W. Moore. 1,568,685; Jan. 5.
Metallic surfaces, Protection of. G. C. Freeman. 1,568,728; Jan. 5.
Meter: *See*—
Service meter. Torsion meter.
Meters and the like, Pressure-responsive instrument for flow. F. P. Cox. 1,568,724; Jan. 5.
Micrometer, Locking device for depth-gauge. J. A. Schleicher. 1,568,295; Jan. 5.
Microphone. L. Darimont. 1,568,884; Jan. 5.
Milk can. M. J. Mohan. 1,568,176; Jan. 5.
Mill: *See*—
Ball-grinding mill. Roller mill.
Mine explosions, System of arresting. J. E. Jones. 1,568,281; Jan. 5.
Mining-machine chain link and tooth. N. K. Bowman. 1,568,870; Jan. 5.
Mirror and towel rack, Combination. P. D. Parsons. 1,568,800; Jan. 5.
Mixer: *See*—
Concrete mixer.
Mold. M. Hanson. 1,568,601; Jan. 5.
Mop head. H. M. Sturgis. 1,568,100; Jan. 5.
Mortise lock. F. E. Best. 1,568,441; Jan. 5.
Motor: *See*—
Air motor. Rotary motor.
Motor controller. J. A. Hepperlen. 1,568,735; Jan. 5.
Motor cycles and the like, Shock-absorbing device for handle bars of. D. F. O'Brien. 1,568,911; Jan. 5.
Motor regulation, Cascade induction. W. Seiz. 1,568,695; Jan. 5.
Motor shield. P. H. Esch. 1,568,590; Jan. 5.
Motors, Protective means for hydrocarbon. J. F. Searing. 1,568,187; Jan. 5.
Motors, Short circuiter for electric. E. P. Larsh. 1,568,675; Jan. 5.
Music-roll sheets, End fastener for. R. S. Haase. 1,568,453; Jan. 5.
Music sheets, Tracking mechanism for. T. Danquard. 1,568,659; Jan. 5.
Musical instrument, Reed wind. E. Legler, jr., and A. Kohl. 1,568,460; Jan. 5.
Nailbrush, A. M. Pasnik. 1,568,569; Jan. 5.
Nail, tack, and similar machines, Feeding mechanism for. A. H. Brigham. 1,568,719; Jan. 5.
Nebulizer. T. J. Holmes. 1,568,840; Jan. 5.
Necktie, Slipping device for. T. A. Hart. 1,568,454; Jan. 5.
Non-heat-conducting covering. F. L. Pilliod. 1,568,415; Jan. 5.
Nozzle, Fuel. L. F. Burger and W. F. Borgerd. 1,568,134; Jan. 5.
Nozzles in ladles, Method of and apparatus for setting pouring. M. Saunders. 1,568,246; Jan. 5.
Nut, Self-locking. E. A. Florence. 1,568,821; Jan. 5.
Oil burner. C. C. Cushman. 1,568,587; Jan. 5.
Oil can. W. A. Coe. 1,568,657; Jan. 5.
Oil containers, Outlet structure for. R. H. Carr. 1,568,057; Jan. 5.
Oil filter. C. Breer. 1,568,796; Jan. 5.
Oil furnace. V. B. Sounitza. 1,568,479; Jan. 5.
Oil heater, Portable. H. K. Allen. 1,568,582; Jan. 5.
Oil pan, Waste-. H. Gunderson. 1,568,830; Jan. 5.
Oil still. J. Primrose. 1,568,182; Jan. 5.
Oils, Refining hydrocarbon. J. C. Morrell. 1,568,904; Jan. 5.
Ophthalmic mountings, Making parts for. E. L. Schumacher and W. H. Boutelle. 1,568,629; Jan. 5.
Optical instrument. H. Clement and B. M. Barron. 1,568,586; Jan. 5.
Ore concentrator. W. E. Mendenhall. 1,568,761; Jan. 5.
Ornamental surfaces, Producing impressionalistic. M. A. Turner. 1,568,108; Jan. 5.
Packing mechanism for pistons, Expansible. A. J. Cormier. 1,568,269; Jan. 5.
Pad: *See*—
Hat pad. Shoulder pad.
Rupture pad.
Paint. C. S. Fleming. 1,568,215; Jan. 5.
Paint. D. Taylor. 1,568,350; Jan. 5.
Paint and varnish remover and making the same. E. R. Littmann. 1,568,753; Jan. 5.
Pallet. C. G. Riley. 1,568,294; Jan. 5.
Pan: *See*—
Oil pan.
Paper and like material container. W. L. Wright. 1,568,790; Jan. 5.
Paper-bag rack. W. M. Ligon. 1,568,515; Jan. 5.
Paper-making machine. J. M. Cathcart. 1,568,363; Jan. 5.
Paper-making machines, Roll for carrying fabric conveyer belts of. C. R. Griffith. 1,568,401; Jan. 5.
Paper-making machines, Slice for. C. W. Morden. 1,568,903; Jan. 5.
Paper, Safety. W. R. Hotchkiss. Des. 69,180; Jan. 5.
Partition and like building construction. F. M. Venzie. 1,568,110; Jan. 5.
Passenger compartment. A. W. Lawson. 1,568,855; Jan. 5.
Pavement-breaking device. W. W. Shoe. 1,568,190; Jan. 5.
Pencil, Mechanically-operated lead. D. M. Ballou. 1,568,951; Jan. 5.
Pencil clip. D. M. Ballou. 1,568,950; Jan. 5.
Penholder. O. H. Burdette. 1,568,496; Jan. 5.
Permutation switch lock. J. J. Tolbert. 1,568,483; Jan. 5.
Phonograph, Multidisk. H. Blackwell. 1,568,130; Jan. 5.
Photo-electric device. W. A. Ruggles. 1,568,694; Jan. 5.
Photographic-film magazine. A. S. Howell. 1,568,067; Jan. 5.
Photographic films, Apparatus for making. C. S. Moody and W. Oepts. 1,568,344; Jan. 5.
Pianos, Action for player. G. Freund. 1,568,824; Jan. 5.
Pictorial reproduction. H. Bahr. 1,568,864; Jan. 5.
Picture films, Compensating the copying intensity of cinematographic. E. Lehmann. 1,568,511; Jan. 5.
Picture films, Preservative for motion-. J. I. Crabtree. 1,568,658; Jan. 5.
Picture machines, Framing device for motion-. M. M. Gruber. 1,568,598; Jan. 5.
Pie plate. R. M. Smythe. 1,568,696; Jan. 5.
Pin: *See*—
Bowling pin. Piston pin.
Pipe, Apparatus for rolling sheet-metal. M. J. Munro. 1,568,905; Jan. 5.
Pipe cleaner. S. F. Abernathy. 1,568,392–3; Jan. 5.
Pipe-cleaning tool. J. W. Shelburne. 1,568,094; Jan. 5.
Pipe lines, Wrought-metal repair device for. J. Clark and J. E. Walborn. 1,568,268; Jan. 5.
Pipe, Machine for cutting off. C. F. Schmelz. 1,568,473; Jan. 5.
Pipe-making apparatus. M. J. Munro. 1,568,906; Jan. 5.
Piston. W. R. Day. 1,568,547; Jan. 5.
Piston apparatus, Rotary. B. E. Tyler. 1,568,429; Jan. 5.
Piston pin. V. J. Harris. 1,568,833; Jan. 5.
Plant setter. S. P. Wright. 1,568,580; Jan. 5.
Plant where heat-consuming apparatus cooperates with a number of feed conduits. J. Ruths, K. Ingerö, and H. Schrenk. 1,568,420; Jan. 5.
Plastic material, Method and apparatus for shaping. F. J. MacDonald. 1,568,562; Jan. 5.
Plastic materials, Apparatus for manufacturing sheets and other articles from. S. S. Wilson. Re16,241; Jan. 5.
Playing ball. T. A. Lewis. 1,568,514; Jan. 5.
Plow. J. F. Perry. 1,568,383; Jan. 5.
Plug, Attachment. J. C. Blankenship. 1,568,584 Jan. 5.
Plug receptacle, Multiple-. A. Herskovitz. 1,568,156; Jan. 5.
Plug, Sash. L. A. Macklanburg. 1,568,173; Jan. 5.
Pneumatic-dispatch apparatus. J. G. Maclaren. 1,568,680; Jan. 5.
Pocketbook. M. Wunthal. 1,568,120; Jan. 5.
Poles, Device for setting and replacing. J. G. Smith. 1,568,777; Jan. 5.
Post: *See*—
Concrete post. Fencepost.
Post or stake puller. W. E. Joslin. 1,568,741; Jan. 5.
Posters, Printing. H. C. Tiffany. 1,568,105; Jan. 5.
Pot and kiln construction. W. Westbury. 1,568,785; Jan. 5.
Potato digger. J. Moreau. 1,568,235; Jan. 5.
Power-control apparatus. J. T. Cowley. 1,568,806; Jan. 5.
Power-control device. J. T. Cowley. 1,568,805; Jan. 5.
Power-driven implement. E. A. Johnston, B. R. Benjamin, and C. Pearson. 1,568,163; Jan. 5.
Power transmission, Hydraulic. V. Arkin. 1,568,394; Jan. 5.
Power-transmitting mechanism. L. Melanowski. 1,568,287–9; Jan. 5.
Press: *See*—
Printing press.
Presses, Stop mechanism for die. H. Osswald. 1,568,088; Jan. 5.
Pressure gauge. D. Edge and J. A. Hunter. 1,568,140; Jan. 5.
Printer's clamp. J. Kyle. 1,568,745; Jan. 5.
Printing machine. W. Ratcliff and H. Wallace. 1,568,919; Jan. 5.
Printing machines and the like, Tandem arrangement for. J. Niemes and H. B. Engbersen. 1,568,881; Jan. 5.
Printing press. F. W. Huempfner. 1,568,161; Jan. 5.
Propulsion device. E. Gelly. 1,568,665; Jan. 5.
Protractor, Cylindrical. N. I. Campbell and A. M. Herbsman. 1,568,876; Jan. 5.
Puller: *See*—
Post or stake puller.
Pulp beater, Continuous. K. B. Howell. 1,568,068; Jan. 5.
Pump. L. le Bret. 1,568,170; Jan. 5.
Pump. P. T. Lindhard. 1,568,751; Jan. 5.
Pump and boiler feeder, Automatic. V. P. McVoy. 1,568,077; Jan. 5.
Pump, Circulating plunger. W. M. McGee. 1,568,857; Jan. 5.
Pump-controlling mechanism. R. Conrader. 1,568,499–500; Jan. 5.
Pump, Deep-well. V. L. Forsyth. 1,568,447; Jan. 5.
Pump for refrigerating apparatus, etc., Gas. R. W. Tibbetts and M. S. Curtis. 1,568,104; Jan. 5.

Pumping machine, Well. J. B. Hawley, jr. 1,568,836; Jan. 5.
Quality gauge for leather. M. H. Raymond. 1,568,183; Jan. 5.
Rack: *See*—
Bag rack. Paper-bag rack.
Radiator. C. W. Owston. 1,568,520; Jan. 5.
Radioamplifier and support. E. J. Packer. 1,568,467; Jan. 5.
Radio broadcast distribution, System of. E. E. Clement. 1,568,938; Jan. 5.
Radio broadcast distribution, System for. E. E. Clement. 1,568,939; Jan. 5.
Radioplate battery box. L. V. Stone and W. E. Bailey. 1,568,927; Jan. 5.
Radio receiving apparatus. L. Q. Slocumb. 1,568,632; Jan. 5.
Radio sets, Telephone switch for. E. A. Smalenberger. 1,568,297; Jan. 5.
Rail anchor. R. A Blair. 1,568,713; Jan. 5.
Rail anchor. W. Delaney. 1,568,213; Jan. 5.
Rail-elevating jack. F. Hackmann. 1,568,600; Jan. 5.
Rail joint. W. F. Walker. 1,568,257; Jan. 5.
Rail steel. H. J. Force. 1,568,822; Jan. 5.
Railway and like vehicles, Brake shaft adjuster for. J. Mitchell and J. C. G. Cossey. 1,568,902; Jan. 5.
Railway brake, Air-pressure. J. Rihosek and R. L. Leuchter. 1,568,533; Jan. 5.
Railway construction, Street-. W. F. McCanless. 1,568,677; Jan. 5.
Railway signal. C. Gillespie. 1,568,152; Jan. 5.
Railway-tie composition and process. H. G. Jaeger 1,568,507; Jan. 5.
Railway-track-weeding machine. A. Scheuchzer. 1,568,472; Jan. 5.
Ranges, Hood for cooking. B. Riesner. 1,568,532; Jan. 5.
Razor, hair trimmer, and comb, Convertible safety. S. S. Baer. 1,568,794; Jan. 5.
Reading machine. B. A. Fiske. 1,568,148; Jan. 5.
Receiver. E. M. Mickey. 1,568,901; Jan. 5.
Receptacle for eggs and other fragile articles. C. B. Winzer. 1,568,435; Jan. 5.
Recorder. M. Hoerner. 1,568,220; Jan. 5.
Recorder, Demand. H. E. Warren. 1,568,703–4; Jan. 5.
Recorder, Graphic integrating. H. E. Warren. 1,568,702; Jan. 5.
Records, Device for transferring. W. H. Day. 1,568,809; Jan. 5.
Reed articles, Producing woven-. M. B. Lloyd. 1,568,075; Jan. 5.
Reel: *See*—
Fishing reel. Hose-winding reel.
Reflectors, Making. E. A. Kuen. 1,568,283; Jan. 5.
Refrigerating apparatus. P. Fischbacher. 1,568,147; Jan. 5.
Refrigerating apparatus. C. McNair. 1,568,898; Jan. 5.
Refrigerating apparatus. E. Thomson. 1,568,102; Jan. 5.
Refrigerating apparatus. R. W. Tibbetts and M. S. Curtis. 1,568,103; Jan. 5.
Refrigerating machine. I. Lundgaard. 1,568,230; Jan. 5.
Refrigerator, Ammonia-absorption. C. Senssenbrenner 1,568,476; Jan. 5.
Register: *See*—
Cash register. Gravity register.
Register constant-lock-operating attachment. L. J. Colgan. 1,568,545; Jan. 5.
Regulator: *See*—
Feed regulator.
Repeater circuit. H. A. Affel. 1,568,861; Jan. 5.
Repeater circuits. L. Espenschied. 1,568,891; Jan. 5.
Retainer clip. A. S. Eliasson. 1,568,889; Jan. 5.
Retort sliding device. J. Bradley. 1,568,263; Jan. 5.
Ribbing and perforating machine. H. C. Smith. 1,568,537; Jan. 5.
Rifle, Straight-pull bolt-action. W. C. Speer. 1,568,635; Jan. 5.
Rim lugs, Retaining device for. A. F. Vurpillat. 1,568,487; Jan. 5.
Road-working machine. R. J. Winsor. 1,568,490; Jan. 5.
Rod assemblies, Tester for connecting. D. A. Anderson 1,568,583; Jan. 5.
Roller eccentric. G. S. Morison. 1,568,290; Jan. 5.
Roller mill. C. T. Howson. 1,568,223; Jan. 5.
Rolls, Method and apparatus for heating. G. Fox. 1,568,892; Jan. 5.
Roof and laying the same. P. J. Dahm. 1,568,807; Jan. 5.
Roof-rafter cuts and braces, Implement for marking. J. D. Weaver. 1,568,115; Jan. 5.
Roof structure. H. E. Marks. Re16,243; Jan. 5.
Roofing. F. P. Leonard. 1,568,227; Jan. 5.
Roofing construction. F. E. Lietz. 1,568,750; Jan. 5.
Ropes, cables, and the like, Holding device for. P. E. Bagge. 1,568,310; Jan. 5.
Rotary engine, Divided-charge. F. A. Bullington. 1,568,051; Jan. 5.
Rotary engine, Multicylinder. F. A. Bullington. 1,568,053; Jan. 5.
Rotary motor. F. Rochefort. 1,568,242; Jan. 5.
Rubber articles, Apparatus for operating on. G. L. Bean. 1,568,541; Jan. 5.
Rubber tubes, Apparatus for forming annular blanks for the manufacture of. C. F. Fenlason, jr. 1,568,620; Jan. 5.
Rule, Slide. R. Schwanda. 1,568,475; Jan. 5.
Rupture pad. S. O. Trescott. 1,568,932; Jan. 5.
Safety clutch mechanism. C. H. Pearson. 1,568,527; Jan. 5.
Sales books, Combined pad or leaf holding and locking device for manifolding. G. C. Clement. 1,568,059; Jan. 5.
Salt and pepper shaker, Combined. W. Hibbert. 1,568,160; Jan. 5.
Sandal, Spike. L. Parr. 1,568,616; Jan. 5.
Sausage casings, Making. A. C. Hellerman. 1,568,734; Jan. 5.
Savings bank. C. J. Sykes. 1,568,577; Jan. 5.
Scaffolds, Safety device for swinging. R. J. Lackner. 1,568,285; Jan. 5.
Scalding machine, Carcass-. J. W. Kohlhepp. 1,568,282; Jan. 5.
Scale, Weighing. A. Bousfield. Des. 69,171; Jan. 5.
Scaling and encrustation, Prevention of. C. E. Bouine. 1,568,714; Jan. 5.
Scalper. C. W. Carter. 1,568,267; Jan. 5.
Scooter. R. W. Parkes. 1,568,412; Jan. 5.
Scraper. A. S. Howard. 1,568,842; Jan. 5.
Screen: *See*—
Window screen.
Screen. R. P. Akins, J. W. Bucher, and F. D. Gross. 1,568,792; Jan. 6.
Scythe. M. Vidos. 1,568,111; Jan. 5.
Seat: *See*—
Ventilated seat.
Seat and desk, Combined. S. W. Conwell. 1,568,211; Jan. 5.
Seating accommodation, Support for. F. Small. 1,568,477; Jan. 5.
Self-induction coil. E. Schürer. 1,568,422; Jan. 5.
Semitrailer. C. H. Land, jr. 1,568,560; Jan. 5.
Separator: *See*—
Bean separator. Cream separator.
Separator. D. D. Peebles. 1,568,413; Jan. 5.
Service apparatus, Coin-control. F. J. Rowse. 1,568,770; Jan. 5.
Service meter. W. Kaisling. 1,568,164; Jan. 5.
Sewage and other mixtures of liquids and solids, Apparatus for screening. D. J. Shaw. 1,568,572; Jan. 5.
Sewing machines, Feeding mechanism for. A. H. De Voe. 1,568,399; Jan. 5.
Sewing machines, Looper-actuating mechanism for. A. B. Clayton 1,568,397; Jan. 5.
Shade-roller-operating mechanism. L. A. Bernard. 1,568,203; Jan. 5.
Shade-roller winding and holding device. F. P. Hartley. 1,568,379; Jan. 5.
Shafting, Flexible hide. H. A. Cook. 1,568,546; Jan. 5.
Sheave, Automatic. J. E. Le Bus. 1,568,406; Jan. 5.
Sheet-feed guide mechanism. H. M. Barber. 1,568,540; Jan. 5.
Sheet-metal casing, Corrugated. J. J. Frank. 1,568,727; Jan. 5.
Sheet-metal container. F. M. Assmann. 1,568,359; Jan. 5.
Shipping or storage receptacle of the vacuum type. E. A. Robe. 1,568,948; Jan. 5.
Shock absorber. W. G. Struthers. 1,568,697; Jan. 5.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,568,292; Jan. 5.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,568,614; Jan. 5.
Shocker. H. P. Olsen. 1,568,179; Jan. 5.
Shocking machine. W. J. Cockburn. 1,568,365; Jan. 5.
Shoe. M. F. Gallagher. 1,568,893; Jan. 5.
Shoe hanger. J. S. Harding. 1,568,330; Jan. 5.
Shoes, Machine for use in making. F. E. Bertrand. 1,568,045; Jan. 5.
Shoulder pad. G. L. Pierce. 1,568,238; Jan. 5.
Shovel: *See*—
Cultivator shovel. Mechanical shovel.
Shuttle check. S. Chalmers and F. J. Foley. 1,568,654; Jan. 5.
Skillet. W. H. Cater. 1,568,798; Jan. 5.
Sign. J. and E. Mercer. 1,568,899; Jan. 5.
Sign, Electrically-illuminated. H. A. Griesinger. 1,568,273; Jan. 5.
Sign-letter plate. C. B. Ehnborn. 1,568,326; Jan. 5.
Signal: *See*—
Crossing signal. Traffic signal.
Railway signal.
Signal. E. T. Atwell. 1,568,863; Jan. 5.
Signal. J. H. Schroeder. 1,568,628; Jan. 5.
Signal. A. A. Swanson. 1,568,928; Jan. 5.
Signal system, Highway-crossing. C. R. Graves. 1,568,219; Jan. 5.
Silver chest. J. J. Cygan. 1,568,212; Jan. 5.
Siphon-tube holder. D. E. Thomas. 1,568,931; Jan. 5.
Skates, Shoe-positioning device for. J. A. Bried. 1,568,264; Jan. 5.
Slack adjuster. W. H. Sauvage. 1,568,421; Jan. 5.
Snow-melting machine. J. G. Pfadt. 1,568,414; Jan. 5.
Soap drier. C. W. Aiken. 1,568,791; Jan. 5.
Sodium nitrate and ammonium nitrate for explosive purposes, Manufacturing adhesive blends of. W. M. Dehn. 1,568,324; Jan. 5.

Soldering solution. C. B. Hull. 1,568,669; Jan. 5.
Soles and heels, Antislipping device for shoe. D. H. Goldman. 1,568,064; Jan. 5.
Solids from liquids, Separating. O. Söderlund, T. Boberg, and N. Testrup. 1,568,249; Jan. 5.
Solutions, Apparatus for the standardization of. J. F. Whitman. 1,568,117; Jan. 5.
Sound-producing device. E. Bocchino. 1,568,543; Jan. 5.
Sound-producing reed. L. J. Grubman. 1,568,275; Jan. 5.
Spark plugs, Nonmetallic electrode for. H. Rabezzana. 1,568,621; Jan. 5.
Spark plugs, Terminal connector for. A. Champion. 1,568,655; Jan. 5.
Speedometers, Magnet mechanism for magnetic. J. Berge. 1,568,040; Jan. 5.
Spindle-clamping device. J. A. Schleicher. 1,568,296; Jan. 5.
Spindle screw machine, Multiple. P. A. Udall. 1,568,935 Jan. 5.
Spindle-driving mechanism. E. Atwood. 1,568,539; Jan. 5.
Spinning frames, Mechanical cushion roll for. W. J. Hubbard. 1,568,384; Jan. 5.
Spit, Adjustable. M. Schey. 1,568,535; Jan. 5.
Spray, Plant. C. F. Driller. 1,568,445; Jan. 5.
Sprinkler, L. Stanton. 1,568,250; Jan. 5.
Sprocket chain. J. B. Webb. 1,568,116; Jan. 5.
Squeezer and beverage shaker, Combined. J. R. Pierson. 1,568,691; Jan. 5.
Squib. I. T. Jenkins. 1,568,069; Jan. 5.
Stair construction. H. Nagin. 1,568,568; Jan. 5.
Stalk cutter. W. Henricks. 1,568,604; Jan. 5.
Stamp or label moistener. J. Ruze. 1,568,245; Jan. 5.
Stand: *See*—
Burning-in stand. Display stand.
Stapling machine. J. G. Bates. 1,568,260; Jan. 5.
Starting switch. R. Kellendorfer. 1,568,848; Jan. 5.
Steel-casting apparatus. D. Larner. 1,568,854; Jan. 5.
Steering device. C. H. Rhenbottom. 1,568,417; Jan. 5.
Steering gear, Automobile. H. A. Friend. 1,568,825; Jan. 5.
Steering wheels and the like, Attachment for. O. K. Iseman. 1,568,737; Jan. 5.
Stemming fruit. Apparatus and process for. W. E. Urschel. 1,568,700; Jan. 5.
Stepper. R. Venziaff. 1,568,109; Jan. 5.
Stereopticon slide. T. B. Knowles. 1,568,674; Jan. 5.
Stone, Making artificial, W. N. Jennens. 1,568,070; Jan. 5.
Stop and direction indicator. E. L. Blanchfield. 1,568,361; Jan. 5.
Stove burner and water heater. J. P. Lane. 1,568,853; Jan. 5.
Stove doors, Counterpoise for. A. W. Walker. 1,568,357; Jan. 5.
Stove, Heating. G. Barault. 1,568,866; Jan. 5.
Stovepipe thimble. E. B. Christian. 1,568,879; Jan. 5.
Stove, Portable camp. G. Kleinsmith. 1,568,849; Jan. 5.
Straw braid for bleaching, Preparing. E. W. Geisler. 1,568,664; Jan. 5.
Stretcher for boots and shoes. W. Weise. 1,568,432; Jan. 5.
Strip-serving machine. T. R. Gautier. 1,568,506; Jan. 5.
Stroke counter. F. B. Sweeney. 1,568,640; Jan. 5.
Stylus-operating means. R. W. Morrison. 1,568,612; Jan. 5.
Sugar bowls, Spout for. I. Ruiz. 1,568,923; Jan. 5.
Sugar, Method and apparatus for the manufacture of. A. P. Leonard. 1,568,512; Jan. 5.
Surfacing tool. G. A. Olin. 1,568,912; Jan. 5.
Switch: *See*—
Automobile signal switch. Starting switch.
Inclosed switch. Telltale switch.
Knife-blade switch.
Switch assembly. G. S. Leddick. 1,568,748; Jan. 5.
Switch attachment. E. Johnson. 1,568,508; Jan. 5.
Switch-throw mechanism. R. E. Yolton. 1,568,650; Jan. 5.
Table: *See*—
Extension table. Ironing table.
Game table. Telephone table.
Table. A. M. Hannon and W. Lennon. 1,568,154; Jan. 5.
Tables, Ball bearing for shear. G. W. Brown. 1,568,362; Jan. 5
Tag, Identification and sales. N. Freeman. 1,568,595; Jan. 5.
Talking machines and other sound-reproducing instruments, Sound amplifying and reproducing device for. A. Midence. 1,568,521; Jan. 5.
Telephone-exchange system. S. B. Williams and E. S. Gibson. 1,568,306; Jan. 5.
Telephone head set. J. H. Butcher and A. P. Young. 1,568,721; Jan. 5.
Telephone receivers, Apparatus for testing. W. H. Gerns. 1,568,827; Jan. 5.
Telephone seat and desk, Combined. F. B. Bassett. Des. 69,170; Jan. 5.
Telephone system, Automatic. C. E. Lomax. 1,568,754; Jan. 5.
Telephone system, Automatic. F. A. Lundquist and J. A. Kropp. 1,568,755; Jan. 5.
Telephone system, Automatic. W. T. Powell. 1,568,180; Jan. 5.
Telephone table, Disappearing. G. Karp. 1,568,165; Jan. 5.
Telephonic and radiotelephonic message or audition by means of fluid resistance. E. Bertron. 1,568,046; Jan. 5.
Telltale switch. W. P. Seng. 1,568,092; Jan. 5.
Temperature indicators, Thermostatic switch for. F. G. Whittington. 1,568,388; Jan. 5.
Tennis racket. A. H. Behr. 1,568,127; Jan. 5.
Tent structure. H. J. Reilly. 1,568,239; Jan. 5.
Terminal connecter. E. Waller. 1,568,644; Jan. 5.
Therapeutic leg and foot wrap. E. A. McIntyre. 1,568,757; Jan. 5.
Thermionic tube. F. S. McCullough. 1,568,172; Jan. 5.
Thermometer mounting. H. B. Brown. 1,568,315; Jan. 5.
Thrashing machines, Feeding attachment for. F. Osmera. 1,568,525; Jan. 5.
Thread-counting apparatus. G. H. Rosenstein. 1,568,088; Jan. 5.
Thumb-sucking preventer. A. L. Harrison. 1,568,668; Jan. 5.
Tire. W. E. Kelly. 1,568,559; Jan. 5.
Tire armor. J. A. Albert. 1,568,581; Jan. 5.
Tire carrier. H. Taylor. 1,568,351; Jan. 5.
Tire-chain tool. H. Varder. 1,568,643; Jan. 5.
Tire, Resilient. A. Hargraves. Des. 69,178; Jan. 5.
Tire, Resilient. R. Iredell. Des. 69,181; Jan. 5.
Tobacco, Artificially curing green. A. C. Buensod. 1,568,316; Jan. 5.
Toboggan and sled, Combined. G. Allen. 1,568,493; Jan. 5.
Protector, Toe. R. H. Anderson. 1,568,706; Jan. 5.
Tooth-paste ejector. T. H. and H. Roberts. 1,568,921; Jan. 5.
Tooth wedge. G. O. Burlew. 1,568,054; Jan. 5.
Torch. E. M. Evieth. 1,568,726; Jan. 5.
Torsion meter. R. Chilton and F. A. Hayes. 1,568,544; Jan. 5.
Toy aeroplane. W. W. Cogswell. 1,568,319; Jan. 5.
Toy, Figure. H. D. Rapson. 1,568,469; Jan. 9.
Toy, Loop-the-loop. B. Zabel. 1,568,492; Jan. 5.
Toy vehicle. F. Kacirek. 1,568,459; Jan. 5.
Track device with pneumatic suspension, Traveling. E. Rimailho. 1,568,241; Jan. 5.
Traction trend, Endless. J. D. Festary. 1,568,371; Jan. 5.
Tractor fuel systems, Clean-air lead for. R. P. Campbell. 1,568,722; Jan. 5.
Tractor hitch. C. A. Barry. 1,568,867; Jan. 5.
Tractor hitch. F. L. Blade. 1,568,204; Jan. 5.
Tractor hitch for headers. E. F. Anderson. 1,568,124; Jan. 5.
Traffic signal. W. A. Lee. 1,568,407; Jan. 5.
Trailer. C. H. Land, jr. 1,568,168; Jan. 5.
Trailer, Bungalow. F. P. Lyons. 1,568,895; Jan. 5.
Train-control system, Automatic. W. Kaser. 1,568,847; Jan. 5.
Trains, Automatic means for indicating the condition of air-brake mechanism on. C. J. Besbears. 1,568,041; Jan. 5.
Transition coupling device. G. A. R. Trimming. 1,568,933; Jan. 5.
Transmission band. F. A. Miller. 1,568,565–6; Jan. 5.
Trap. O. A. Nord. 1,568,688; Jan. 5.
Trays with cans, Apparatus for loading. W. E. Mitton. 1,568,082; Jan. 5.
Tree holder. J. D. Malcolm. 1,568,758; Jan. 5.
Trousers, Altering waistline of. J. Greenberg. 1,568,329; Jan. 5.
Truck, Railway-car. C. L. Charles and P. R. Drenning. 1,568,058; Jan. 5.
Trunk, Wardrobe. A. L. Duff and J. W. Matheson. 1,568,814; Jan. 5.
Truss. A. C. Cooke. 1,568,501; Jan. 5.
Tube: *See*—
Thermionic tube.
Tube-frame spools, Supporting means for. W. Bixby. 1,568,396; Jan. 5.
Tubes and the like, Closure for paste. C. A. Spotz. 1,568,781; Jan. 5.
Tubes, Support for collapsible container. B. C. Blackmon. 1,568,868; Jan. 5.
Tubing spider and support, Combination. S. P. Tschappat. 1,568,198; Jan. 5.
Tuft frames, Spool-retarding means for. E. F. Hathaway. 1,568,402; Jan. 5.
Tumbler. D. Fisher. Des. 69,175; Jan. 5.
Turbine engine. B. F. Singer. 1,568,191; Jan. 5.
Turbines, pumps, and other centrifugal machines, Producing blade faces for water. F. Lawaczeck. 1,568,746; Jan. 5.
Typewriter. O. A. Hokanson. 1,568,736; Jan. 5.
Typewriting machine. C. M. Crews. 1,568,725; Jan. 5.
Typewriting machine. A. G. F. Kurowski. 1,568,388; Jan. 5.
Typewriting machine. L. P. Robitoy and C. L. Velander. 1,568,386; Jan. 5.
Typewriting machine. B. C. Stickney. 1,568,426; Jan. 5.
Typographical casting machine. S. A. Bisey. 1,568,047; Jan. 5.

Undergarment. A. C. Peterson. 1,568,917; Jan. 5.
Undergarment. H. L. Redmond. 1,568,416; Jan. 5.
Unit tray. E. H. Pratt. 1,568,468; Jan. 5.
Universal joint. D. P. Owens. 1,568,914; Jan. 5.
Vacuum container, Sealed. N. P. Bach. 1,568,437; Jan. 5.
Valve. B. F. Dooley. 1,568,940; Jan. 5.
Valve. F. Y. Pearne. 1,568,236; Jan. 5.
Valve cut-off, Automatic. O. Falkenwalde. 1,568,817; Jan. 5.
Valve, Dry-pipe. W. K., and W. K. Hodgman, jr. 1,568,839; Jan. 5.
Valve gear, Overhead cam shaft and. V. C. Parker. 1,568,615; Jan. 5.
Valve, High-pressure. C. F. Heywood. 1,568,159; Jan. 5.
Valve lifter. G. Stoff. 1,568,251; Jan. 5.
Valve mechanism for compressed-air brakes. I. Drolshammer. 1,568,368; Jan. 5.
Valve mechanism for fluid-containing tanks, Slow-closing. T. W. Ryan. 1,568,346; Jan. 5.
Valve, Release. B. V. Stoll. 1,568,926; Jan. 5.
Valves, Push lever for operating closet-tank. R. S. Morgan. 1,568,611; Jan. 5.
Vanity case. T. W. Foster. 1,568,151; Jan. 5.
Vanity case. T. J. Lewis. Des. 69,183; Jan. 5.
Vehicle control, Automatic moving-. P. J. Simmen. 1,568,775; Jan. 5.
Vehicle, Endless-track. L. Salves. 1,568,090; Jan. 5.
Vehicle jack. J. Grossman. 1,568,452; Jan. 5.
Vehicle light. J. L. May. 1,568,079; Jan. 5.
Vehicle wheel. C. B. Howard. 1,568,456; Jan. 5.
Vehicle wheel. E. E. Kellogg. 1,568,672; Jan. 5.
Vehicle wheel, Auxiliary. J. J. Zwalsh. 1,568,937; Jan. 5.
Vehicles, Combination signal device for. J. G. Frieman and W. A. Rankin. 1,568,662; Jan. 5.
Vehicles, Demountable rim for. B. E. Braucht. 1,568,207; Jan. 5.
Vehicles, Direction indicator for motor. G. E. Bates. 1,568,495; Jan. 5.
Vehicles, Saw attachment for. C. F. Ernst. 1,568,146; Jan. 5.
Vehicles, Saw attachment for. F. C. Hubbard. 1,568,843; Jan. 5.
Vehicles, Spring system for. W. E. Goyne. 1,568,551; Jan. 5.
Vehicles, Traffic signal for motor. D. L. Albright. 1,568,862; Jan. 5.
Vending machine, Coin-controlled. E. P. Nizamis. 1,568,764; Jan. 5.
Ventilated seat. M. Roemer. 1,568,471; Jan. 5.
Ventilator of the ejector type. E. L. Ford. 1,568,373; Jan. 5.
Vise. A. Mader. 1,568,563; Jan. 5.
Vision shield. E. O. and G. W. Aegerter. 1,568,200; Jan. 5.
Vitamine preparation and making same. O. Stiner, A. Hauswirth, and A. Gama. 1,568,196; Jan. 5.
Vitreous slabs arranged at an angle to each other, Anchor between. D. S. Beebe. 1,568,944; Jan. 5.
Voltage-regulating system. T. F. Barton. 1,568,710; Jan. 5.
Voting machines, Interlocking mechanism for. J. S. Baker. 1,568,709; Jan. 5.
Vulcanizable material, Making articles of. E. Nelson. 1,568,411; Jan. 5.
Vulcanizing apparatus. R. W. Sohl. 1,568,778; Jan. 5.
Wall construction, Fireproof hollow. F. Heath. 1,568,155; Jan. 5.
Washing apparatus. E. R. Williams. 1,568,789; Jan. 5.
Washing machine. C. W. Gormley. 1,568,597; Jan. 5.
Washing machine. E. Lindmueller. 1,568,074; Jan. 5.
Washing machine. J. R. Rice. 1,568,240; Jan. 5.
Washing-machine clutch mechanism. O. B. Woodrow. 1,568,390; Jan. 5.
Washtubs, Operating attachment for. H. A. Smith. 1,568,633; Jan. 5.
Watchcase bow. A. P. Conant. Des. 69,172; Jan. 5.
Water heater, Combination. E. Behringer. 1,568,440; Jan. 5.
Water-heating system. E. R. Williams. 1,568,788; Jan. 5.
Water-level control, Boiler. F. Munzinger. 1,568,762; Jan. 5.
Water mixer, with filter and delivery nozzle, for sinks, etc., Adjustable hot and cold. H. Rubin. 1,568,772; Jan. 5.
Water-tube boiler, I. Harter, jr. 1,568,555; Jan. 5.
Watering areas of land, Apparatus for. D. Elder. 1,568,214; Jan. 5.
Waxer and polisher, Floor. F. J. Scheeh. 1,568,773; Jan. 5.
Waxing and polishing brush, Floor. E. E. Harris. 1,568,602; Jan. 5.
Weather strip. D. Kulage and R. O. Oakley. 1,568,284; Jan. 5.
Weeder. G. F. Green. 1,568,377; Jan. 5.
Weight and depth gauge, Combination. A. P. McKay. 1,568,897; Jan. 5.
Weight of athletic implements, Apparatus for obtaining the leverage. P. A. Valle and F. V. Roy. 1,568,698; Jan. 5.
Welding, Electric. J. W. Meadowcroft. 1,568,080; Jan. 5.
Welding, Method of and apparatus for. H. E. Snodgrass and T. M. Hunter. 1,568,193; Jan. 5.
Well drill, Rotary. N. S. Burton. 1,568,055; Jan. 5.
Wells, Apparatus for spudding, drilling, and cleaning out water and oil. C. Uhl. 1,568,430; Jan. 5.
Wheel: *See*—
Ferris wheel.
Grinding wheel.
Vehicle wheel.
Wheel-dressing device. H. M. Rockwell. 1,568,243; Jan. 5.
Wheel-locking dog. E. W. Morris. 1,568,523; Jan. 5.
Whistle. E. R. Petrie. 1,568,528; Jan. 5.
Winding-drum mechanism. C. L. C. Magee. 1,568,175; Jan. 5.
Window, Casement. S. U. Barr. 1,568,865; Jan. 5.
Window construction. R. Cabaniss. 1,568,874; Jan. 5.
Window construction. W. Eutin. 1,568,327; Jan. 5.
Window, Curtain. W. J. Decker. 1,568,138; Jan. 5.
Window lock. P. H. Winterson. 1,568,434; Jan. 5.
Window locks, Clamp for. A. T. Gibson. 1,568,374; Jan. 5.
Window-regulating device. D. Miller. 1,568,343; Jan. 5.
Window screen. G. Anastas. 1,568,494; Jan. 5.
Windshield cleaner and heater. B. J. Loague. 1,568,229; Jan. 5.
Windshield wiper. C. N. Colstead. 1,568,210; Jan. 5.
Wiper. J. A. Somerville. 1,568,298; Jan. 5.
Wire-drawing machine. C. E. Atkins. 1,568,793; Jan. 5.
Wire-spring-making machine. S. G. Smith. 1,568,573; Jan. 5.
Wires, Machine for straightening drop. D. Taylor. 1,568,254; Jan. 5.
Wireless receiving tuner. I. P. Rodman. 1,568,470; Jan. 5.
Wood strips, Color striping. A. C. Hough. 1,568,605; Jan. 5.
Woodworking machine. O. G. Edmond. 1,568,062; Jan. 5.
Wrench: *See*—
Angle wrench.
Wrench. G. W. Bradley. 1,568,132; Jan. 5.
Wrench. W. C. Tull and R. J. Bristol. 1,568,934; Jan. 5.
Yarn cleaner. L. B. Hasbrouck. 1,568,277–8; Jan. 5.

CLASSIFICATION OF PATENTS

ISSUED JANUARY 5, 1926.

NOTE.—First number=class, second number=subclass, third number=patent number.

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284: 1,568,304
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173— 263: 1,568,585
269: 1,568,644
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273: 1,568,603
328: 1,568,666
330: 1,568,584
334: 1,568,156
341: 1,568,947
358: 1,568,815
175— 115: 1,568,620
183: 1,568,366
1,568,609
359: 1,568,871
176— 27: 1,568,256
42: 1,568,345
177— 311: 1,568,041
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329: 1,568,361
1,568,862
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1,568,142
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46: 1,568,422
179— 1: 1,568,297
2: 1,568,938
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18: 1,568,180
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81: 1,568,045
116: 1,568,589
122: 1,568,884
156: 1,568,721
170: 1,568,861
171: 1,568,891
175: 1,568,827
188: 1,568,878
180— 8: 1,568,109
64: 1,568,722
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181— 27: 1,568,521
182— 29: 1,568,392
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183— 2.5: 1,568,763
82: 1,568,413
187— 52: 1,568,461
188— 60: 1,568,523

188— 198: 1,568,902
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209: R. 16,242
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1,568,566
189— 35: 1,568,122
43: 1,568,568
69: 1,568,965
190— 12: 1,568,766
13: 1,568,814
192— 8: 1,568,567
60: 1,568,394
67: 1,568,390
129: 1,568,083
194— 61: 1,568,564
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63: 1,568,764
83: 1,568,769
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195— 32: 1,568,196
196— 33: 1,568,904
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78: 1,568,813
92: 1,568,886
96: 1,568,812
99: 1,568,400
110: 1,568,182
197— 114: 1,568,426
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186: 1,568,736
198— 161: 1,569,525
162: 1,568,594
199— 1: 1,568,047
200— 27: 1,568,112
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59: 1,568,744
104: 1,568,760
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152: 1,568,724
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201— 57: 1,568,848
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63: 1,568,873
205— 16: 1,568,793
206— 8: 1,568,733
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208— 126: 1,568,911
165: 1,568,459
177: 1,568,264
209— 44: 1,568,761
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114: 1,568,253
145: 1,568,618
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347: 1,568,792

210— 165: 1,568,126
170: 1,568,796
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211— 2: 1,568,515
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21: 1,568,389
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42: 1,568,625
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54: 1,568,437
1,568,438
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221— 56: 1,568,657
60: 1,568,781
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103: 1,568,600
104: 1,568,137
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224— 29: 1,568,351
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48: 1,568,550
226— 14: 1,568,082
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36: 1,568,504
228— 36: 1,568,846
63: 1,568,201
229— 5.5: 1,568,608
5.6: 1,568,790
37: 1,568,845
70: 1,568,880
230— 1: 1,568,946
6: 1,568,147
24: 1,568,499
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34: 1,568,776
232— 4: 1,568,577
233— 21: 1,568,645
234— 1: 1,568,280
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235— 22: 1,568,300
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236— 37: 1,568,756
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330: 1,568,713
240— 10.5: 1,568,093
27: 1,568,465
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48.4: 1,568,079
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84.5: 1,568,149
86: 1,568,743
243— 9: 1,568,398
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244— 6: 1,568,205
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14: 1,568,095
19: 1,568,765
1,568,887
30: 1,568,087
31: 1,568,510
246— 6.3: 1,568,847
128: 1,568,152
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181: 1,568,646
293: 1,568,219
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411: 1,568,650
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248— 29: 1,568,931
37: 1,568,607
38: 1,568,758
249— 59: 1,568,444
250— 6: 1,568,939
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34: 1,568,065
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95: 1,568,647

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88: 1,568,387
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255— 8: 1,568,430
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259— 105: 1,568,291
260— 19: 1,568,622
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262— 33: 1,568,870
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264— 13: 1,568,040
265— 4: 1,568,544
25: 1,568,801
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267— 10: 1,568,697
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11: 1,568,551
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67: 1,568,119
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270— 59: 1,568,293
271— 53: 1,568,540
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77: 1,568,888
79: 1,568,485
101: 1,568,340
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161: 1,568,841
274— 2: 1,568,467
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26: 1,568,612
279— 64: 1,568,869
280— 12: 1,568,493

280— 33.1: 1,568,166
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33.55: 1,568,417
87.5: 1,568,218
1,568,412
96.1: 1,568,782
138: 1,568,842
281— 25: 1,568,128
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285— 95: 1,568,649
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286— 6: 1,568,554
289— 3: 1,568,311
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256: 1,568,374
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73: 1,568,488
115: 1,568,808
296— 23: 1,568,895
138: 1,568,529
140: 1,568,712
145: 1,568,138
299— 18: 1,568,250
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89: 1,568,840
98: 1,568,084
133: 1,568,134
301— 11: 1,568,207
19: 1,568,487
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63: 1,568,456
64: 1,568,672
105: 1,568,768
108: 1,568,707
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305— 3: 1,568,665
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10: 1,568,090
1,568,371
306— 17: 1,568,524
308— 3: 1,568,681
21: 1,568,318
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1,568,780
160: 1,568,908
240: 1,568,731

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

A. S. Biyantfabriken Viking, Copenhagen, Denmark. Pencils. 207,823; Jan. 12; Serial No. 202,690; published Oct. 27, 1925.

Abraham & Straus, assignor to Abraham & Straus, Inc., Brooklyn, N. Y. Gloves. 52,052; renewed May 15, 1926.

Abraham & Straus, Inc., New York, N. Y. Coats, vests, trousers, hats, and caps, hosiery, bath robes, gloves, etc. 207,837; Jan. 12; Serial No. 210,429; published Oct. 27, 1925.

Aetna Powder Co., The, Chicago, Ill., assignor to Hercules Explosives Corporation, Wilmington, Del. Dynamite, dynamite cartridges, blasting gelatin, and low powder. 51,706; renewed Apr. 24, 1926.

Ajax Motors Company, Racine, Wis. Motor vehicles. 207,796; Jan. 12; Serial No. 215,328; published Oct. 20, 1925.

Aktiebolaget Formator, Stockholm, Sweden. Cigar and cigarette making machines and other machines pertaining to the tobacco industry, planting machines, etc. 207,841; Jan. 12; Serial No. 212,313; published Oct. 27, 1925.

Aktiebolaget Separator, Stockholm, Sweden. Bedpans, covers therefor, disinfecting kettles, irrigators, etc. 207,759; Jan. 12; Serial No. 216,663; published Oct. 27, 1925.

Alaska Salmon Company, San Francisco, Calif. Canned salmon. 207,978; Jan. 12; Serial No. 210,777; published Oct. 27, 1925.

American Automatic Devices Company. (See Ritz-Woller, Oliver C.)

American Bakers Machinery Co. (See Diagraph Company.)

American Cap Manufacturing Co., Inc., Louisville, Ky. Caps. 207,914; Jan. 12; Serial No. 218,037; published Oct. 27, 1925.

American Caramel Co., Lancaster, Philadelphia and York; American Caramel Company, York, Pa. Caramels and candies. 51,915; renewed Apr. 24, 1926.

Anderson, Doolittle & Doolittle, Yakima, Wash. Brake liners. 207,983; Jan. 12; Serial No. 213,824; published Oct. 20, 1925.

Appleton Coated Paper Company, The, Appleton, Wis. Coated one and coated two sides bond paper in white and colors. 207,751; Jan. 12; Serial No. 215,958; published Oct. 27, 1925.

Armstrong Cork Company, Pittsburgh, Pa. Felt-base floor coverings of the oilcloth type, both piece goods and rugs. 208,008; Jan. 12.

Arrow Boiler Compound Company, St. Louis, Mo. Boiler compounds. 48,410; renewed Dec. 26, 1925.

Associated Laboratories, Inc., doing business as Vendomatic Corporation, New York, N. Y. Chocolate-coated fruit cake. 207,923; Jan. 12; Serial No. 217,692; published Oct. 20, 1925.

Atlas Plywood Corporation, Boston, Mass. Ply-wood panels and dimension veneer. 208,004; Jan. 12.

Baker Paint & Varnish Co., also doing business as Communipaw Paint Works and Lafayette Paint Works, Jersey City, N. J. Dry, paste, and ready-mixed paints. 207,856; Jan. 12; Serial No. 213,886; published Oct. 20, 1925.

Banister, James A., Company, Newark, N. J. Men's and boys' leather boots, shoes, and slippers. 52,911; renewed May 22, 1926.

Bar Merchandise Company. (See Rubenstein, Sol H.)

Barber, W. H., Company, Minneapolis, Minn. Gasoline, kerosene, fuel oil, and petroleum distillate. 207,884; Jan. 12; Serial No. 218,786; published Oct. 27, 1925.

Barbour Welting Company, Brockton, Mass. Welting for boots and shoes. 207,961; Jan. 12; Serial No. 198,047; published Aug. 18, 1925.

Barlage, G. H., Co. Inc., St. Louis, Mo. Hosiery. 207,998; Jan. 12.

Bayerdorffer, Max, Huguenot Park, N. Y. Leg bands for fowls. 207,777; Jan. 12; Serial No. 218,097; published Oct. 6, 1925.

Beggs & Cobb, Incorporated, Boston, Mass. Leather insoles and leather shoe linings. 207,981; Jan. 12; Serial No. 212,057; published Oct. 20, 1925.

Berkman & Adler, New York, N. Y. Men's cravats. 207,871; Jan. 12; Serial No. 215,964; published Sept. 1, 1925.

Berninghaus, Eugene, Company, The, Cincinnati, Ohio. Toilet water. 207,813; Jan. 12; Serial No. 219,218; published Oct. 27, 1925.

Binney & Smith Company, New York, N. Y. Carbon black in dry form. 207,879; Jan. 12; Serial No. 217,856; published Oct. 20, 1925.

Booth, A., and Company, Chicago, Ill.; Baltimore, Md.; St. Paul, Duluth, and Minneapolis, Minn.; St. Louis, Mo.; Louisville, Ky.; Omaha, Nebr.; Indianapolis, Ind.; and Port Arthur, Canada; Booth Fisheries Company, Chicago, Ill., successor. Canned oysters, fish, clams, etc. 50,030; renewed Feb. 27, 1926.

Boston Fountain Pen Company, Boston, assignor to Boston Pen Company, West Somerville, Mass. Fountain pens. 46,736; renewed Oct. 3, 1925.

Brand & Company, Limited, London and Leicester, England. Meat extracts and essences, canned and bottled soups and broths, table jellies, etc. 207,954; Jan. 12; Serial No. 211,453; published Oct. 27, 1925.

Brandle & Smith Co., Philadelphia, Pa. Candy. 52,005; renewed May 1, 1926.

Brownell Corporation, The, Sioux Falls, S. Dak. Lubricating oils and greases. 207,921; Jan. 12; Serial No. 197,358; published Mar. 3, 1925.

Brownley, Walter, assignor to Brownley's, Inc., Washington, D. C. Candy. 52,438; renewed May 8, 1926.

Bruce, Frederick J., Inc., New York, N. Y. Interior trim for doors, windows, and moldings. 207,770; Jan. 12; Serial No. 218,466; published Oct. 13, 1925.

Buhl, Lucille, Inc., New York, N. Y. Depilatory. 207,814; Jan. 12; Serial No. 219,223; published Oct. 27, 1925.

Bunnell, J. H., & Company, Inc., New York, N. Y. Telegraph keys or transmitters. 207,987; Jan. 12; Serial No. 200,430; published Oct. 13, 1925.

Bunnell, J. H., & Company, Inc., New York, N. Y. Telegraph keys or transmitters. 207,988; Jan. 12; Serial No. 210,950; published Oct. 13, 1925.

Cambern Brothers, Spokane, Wash. Breads of all kinds and a compound used in making breads. 207,861; Jan. 12; Serial No. 215,504; published Oct. 20, 1925.

Campbell's Ice Cream Factory, Ltd., Shreveport, La. Ice cream. 207,953; Jan. 12; Serial No. 211,974; published Oct. 27, 1925.

Canby, Ach & Canby Co., The, Dayton, Ohio. Coffee. 208,009; Jan. 12.

Carbide & Carbon Chemicals Corporation, New York, N. Y. Gasoline. 207,894; Jan. 12; Serial No. 219,227; published Oct. 20, 1925.

Cardinal Petroleum Company, Muskegon, Mich. Gasoline, kerosene, benzol, lubricating oils and greases. 207,986; Jan. 12; Serial No. 215,892; published Oct. 20, 1925.

Carrier, Lyman, Coquille, Oreg. Grass seed. 207,755; Jan. 12; Serial No. 216,146; published Oct. 20, 1925.

Catsigianis, Otto P., doing business as Blue Hill Candy Co., St. Louis, Mo. Candies. 207,913; Jan. 12; Serial No. 218,049; published Oct. 20, 1925.

Cavanagh-Whiting Co. Inc., New York, N. Y. Printed cotton and wool fabrics in the piece. 207,920; Jan. 12; Serial No. 218,606; published Oct. 27, 1925.

Chip-O-Tato Corporation of America, St. Paul, Minn. Gas and coal cookstoves. 207,767; Jan. 12; Serial No. 217,257; published Oct. 6, 1925.

Citizens' Wholesale Supply Co., The, Columbus, Ohio. Food compound. 207,907; Jan. 12; Serial No. 218,540; published Oct. 27, 1925.

Citizens' Wholesale Supply Co., The, Columbus, Ohio. Mixture of gelatin and sugar for quick desserts and flavored with different flavors. 207,908; Jan. 12; Serial No. 218,539; published Oct. 27, 1925.

Cohn-Hall-Marx Co., New York, N. Y. Cotton, cotton and silk, etc., fabrics in the piece. 207,919; Jan. 12; Serial No. 218,001; published Oct. 27, 1925.

Cold Blast Feather Company, The, Philadelphia, Pa. Sheets, pillowcases, bedspreads, etc. 207,966; Jan. 12; Serial No. 185,815; published Oct. 27, 1925.

Colt-Cromwell Company, New York, N. Y. Putties and riding boots. 207,924; Jan. 12; Serial No. 217,697; published Oct. 6, 1925.

Columbia Oil Company, Inc., Rosslyn, Va. Lubricating oil. 207,890; Jan. 12; Serial No. 219,028; published Oct. 27, 1925.

Communipaw Paint Works. (See Baker, Paint & Varnish Co.)

Compo-Board Co., The, Minneapolis, Minn. Artificial lumber. 207,779; Jan. 12; Serial No. 217,758; published Oct. 20, 1925.

Conklin, Horace E.; Horace E. Conklin, doing business as E. W. Conklin, Binghamton, N. Y. Field seeds and grass seeds, including clover seeds. 52,905; renewed May 22, 1926.

Consolidated Glove & Hosiery Corp., San Francisco, Calif. Hosiery. 207,762; Jan. 12; Serial No. 216,713; published Oct. 27, 1925.

Consumers Products Co., Brooklyn, N. Y. Malt sirup, nonalcoholic. 207,958; Jan. 12; Serial No. 202,846; published Oct. 27, 1925.

Cook-Lewis Foundry Company, The, Greensboro, N. C. Wood-sawing machines. 207,752; Jan. 12; Serial No. 215,969; published Oct. 27, 1925.

Corona Chemical Company, Inc., New York, N. Y. Disinfectant. 207,850; Jan. 12; Serial No. 202,244; published Dec. 16, 1924.

Craddock Terry Company, Lynchburg, Va. Women's shoes. 207,976; Jan. 12; Serial No. 201,609; published Oct. 13, 1925.

Crown Cork and Seal Company of Baltimore City, The, Baltimore, Md. Closures for receptacles. 207,810; Jan. 12; Serial No. 219,063; published Oct. 27, 1925.

Crown Cork and Seal Company of Baltimore City, The, Baltimore, Md. Closures for receptacles. 207,815; Jan. 12; Serial No. 219,233; published Oct. 27, 1925.

Damascus Manufacturing Corporation, Cleveland, Ohio. Oil compound. 207,875; Jan. 12; Serial No. 217,136; published Oct. 20, 1925.

Daniels, C. R., Inc., New York, N. Y. Waterproof canvas tarpaulins. 207,774; Jan. 12; Serial No. 218,248; published Oct. 6, 1925.

Darlo Company, Boston, Mass. Dishwashing appliances. 207,794; Jan. 12; Serial No. 214,463; published Oct. 27, 1925.

Davis, B. T.; Benajah T. Davis, Huntington, W. Va. Pills for liver and bowel complaints. 53,068; renewed May 22, 1926.

Decker, William M., assignor to Hygeia Nursing Bottle Company, Inc., Buffalo, N. Y. Nursing bottles. 48,455; renewed Jan. 2, 1926.

Dent, Reuben H., London, England. Instruments and apparatus for the aid of deaf persons. 207,822; Jan. 12; Serial No. 219,817; published Oct. 27, 1925.

Detmer, Bruner & Mason, Inc., New York, N. Y. Woolen and worsted fabrics in the piece. 207,863; Jan. 12; Serial No. 217,014; published Oct. 27, 1925.

Diagraph Company, The; American Bakers Machinery Co., St. Louis, Mo., successor. Machines for cutting stencils. 50,914; renewed Apr. 3, 1926.

Diamond Expansion Bolt Co., New York, N. Y. Securing expansions and anchors, expansion fasteners, nails, etc. 207,763; Jan. 12; Serial No. 216,889; published Oct. 27, 1925.

Dize, Archie T., doing business as Dize Awning and Tent Company, Winston-Salem, N. C. Awnings, tents, window shades, truck covers, etc. 207,768; Jan. 12; Serial No. 217,263; published Oct. 20, 1925.

Dodd & Struthers, Des Moines, Iowa. Lightning rods. 49,586; renewed Feb. 13, 1926.

Draun, Harry A., doing business as Firestop Extinguisher Co., Baltimore, Md. Fire-extinguishing compound. 208,000; Jan. 12.

Dutton, Joseph, Sault Ste. Marie, Mich. Fire-kindling preparation. 207,787; Jan. 12; Serial No. 213,626; published Oct. 13, 1925.

Easton Car & Construction Company, Easton, Pa. Automatic dumping automobile truck bodies. 207,775; Jan. 12; Serial No. 218,170; published Oct. 6, 1925.

Edouard Dubied & Cie Société Anonyme, Couvet, near Neuchatel, Switzerland. Knitting machines, needles, and parts of knitting machines. 207,769; Jan. 12; Serial No. 217,266; published Oct. 27, 1925.

Ebro-Sulfur Laboratories, Inc., New York, N. Y. Medicinal preparation. 207,760; Jan. 12; Serial No. 216,670; published Oct. 6, 1925.

Eisenlohr, Otto, & Bros., Incorporated, Philadelphia, Pa. Articles and devices for smokers. 207,964; Jan. 12; Serial No. 194,986; published Oct. 27, 1925.

Elbar Laboratories. (See Lyndall, Frank S.)

Electro Dental Manufacturing Co., Philadelphia, Pa. Dental equipment. 207,823–4; Jan. 12; Serial Nos. 220,221–2; published Oct. 27, 1925.

Enterprise Belt Mfg. Co. Inc., New York, N. Y. Belts and garters for personal wear. 207,904; Jan. 12; Serial No. 218,801; published Oct. 27, 1925.

Enterprise Manufacturing Company, The, Akron, Ohio. Spinners for artificial fish bait. 207,996; Jan. 12.

Ernstberger, H., & Co., New York, N. Y. Fabrics made of worsted and wool yarn. 207,948; Jan. 12; Serial No. 216,267; published Oct. 27, 1925.

Essex Rubber Company Inc., Trenton, N. J. Rubber heels. 207,928; Jan. 12; Serial No. 218,543; published Oct. 6, 1925.

Farley & Loetscher Mfg. Co., Dubuque, Iowa. Sliding stairways. 207,766; Jan. 12; Serial No. 217,077; published Oct. 27, 1925.

Faye, Betty, Co., New Haven, Conn. Face powders, creams, and packs, toilet waters, rouges, etc. 207,993; Jan. 12.

Feldman Fine Arts Co., St. Louis, Mo. Art materials. 207,956; Jan. 12; Serial No. 203,804; published Oct. 27, 1925.

Fink, I. Enie, doing business as Peep O'Day Shoe Co., Rochester, N. Y. Shoes for infants, children, and misses. 207,882; Jan. 12; Serial No. 218,456; published Oct. 13, 1925.

Firestone-Apsley Rubber Company, Hudson, Mass. Soles for footwear. 207,974; Jan. 12; Serial No. 200,812; published Oct. 13, 1925.

Firestop Extinguisher Co. (See Draun, Harry A.)

Flinn, Fitz A.; F. A. Flinn Inc., New York, N. Y., successor. Paper and envelopes. 51,072; renewed Apr. 3, 1926.

Flinn, Fitz A., F. A. Flinn, Inc., New York, N. Y., successor. Paper and envelopes. 52,931; renewed May 22, 1926.

Florence Manufacturing Company, assignor to Pry-phylac-tic Brush Company, Northampton, Mass. Toothbrushes. 52,808; renewed May 15, 1926.

Fowler Commission Co., Inc., Shreveport, La. Wheat self-rising flour. 207,859; Jan. 12; Serial No. 214,718; published Oct. 20, 1925.

Frances Jordan, Incorporated, Philadelphia, Pa. Massage devices. 207,750; Jan. 12; Serial No. 217,279; published Oct. 27, 1925.

Frankel Bros., New York, N. Y. Men's coats, vests, trousers, and knickerbockers. 207,795; Jan. 12; Serial No. 214,720; published Oct. 27, 1925.

Freedman, Harry M., Los Angeles, Calif. Tire holders. 207,756; Jan. 12; Serial No. 216,387; published Oct. 6, 1925.

Friedrichs, E. H. & A. C., Co., New York, N. Y. Artists' clay. 207,758; Jan. 12; Serial No. 216,595; published Oct. 20, 1925.

Frisch, Oswald H. C., doing business as Sandelin Drug Co., West Oakland, Calif. Salves. 208,011; Jan. 12.

Frostproof Citrus Growers Assn., Frostproof, Fla. Citrous fruits. 207,969; Jan. 12; Serial No. 187,415; published Oct. 27, 1925.

Gelbtrunk, Isidoro, New York, N. Y. Cotton piece goods. 52,093; renewed May 1, 1926.

General Abrasive Company, Inc., Niagara Falls, N. Y. Silicon-carbide abrasive grains. 207,836; Jan. 12; Serial No. 210,230; published Oct. 6, 1925.

General Import & Export Trading Co. Inc., New York, N. Y. Women's, girls', and misses' clothing. 207,963; Jan. 12; Serial No. 195,278; published Nov. 18, 1924.

General Leather Company, Newark, N. J. Leather. 207,830; Jan. 12; Serial No. 201,807; published Oct. 27, 1925.

General Match Company, The, Reading, Cincinnati, Ohio. Matches. 207,906; Jan. 12; Serial No. 218,698; published Oct. 27, 1925

Giesecke & Son Co., Milwaukee, Wis. Medicine for colds and stomach troubles. 207,999; Jan. 12.

Gillespie Brothers, Newburgh, N. Y. Advertising display signs. 207,846; Jan. 12; Serial No. 192,971; published May 19, 1925.

Ginter Company, The, Boston, Mass. Butter, coffee, tea, salmon steak, baked beans, etc. 207,968; Jan. 12; Serial No. 179,530; published June 3, 1924.

Glastonbury Knitting Company, Addison, Conn. Knitted underwear. 48,042; renewed Dec. 5, 1925.

Glastonbury Knitting Company, Addison, Conn. Knitted underwear. 49,768; renewed Feb. 13, 1926.

Goerz Flour Mills Company, The, Newton, Kans. Wheat flour. 207,925; Jan. 12; Serial No. 217,872; published Oct. 20, 1925.

Goldberg, S., & Co., Inc., West New York, N. J. Slippers. 207,851; Jan. 12; Serial No. 207,562; published Mar. 17, 1925.

Golden, Max, doing business as Navishade Company, Philadelphia, Pa. Outer suits and overcoats. 207,984; Jan. 12; Serial No. 214,334; published Oct. 13, 1925.

Golden West Laboratories, The. (See Zachos, Louis G.)

Goodrich, B. F., Company, The, New York, N. Y. Boots and shoes. 207,989; Jan. 12; Serial No. 217,508; published Oct. 13, 1925.

Goshen Manufacturing Company, The, Goshen, Ind. Ladders. 207,764; Jan. 12; Serial No. 217,023; published Oct. 6, 1925.

Gossard, H. W., Co., The, Chicago, Ill. Corsets. 207,874; Jan. 12; Serial No. 217,025; published Oct. 13, 1925.

Grass-Grossinger Company, Scranton, Pa. Men's and boys' hats and caps. 207,891; Jan. 12; Serial No. 219,031; published Oct. 6, 1925.

Great American Tea Company, The, Brooklyn, N. Y. Tea, coffee, rice, macaroni, chocolate, and cocoa, etc. 207,955; Jan. 12; Serial No. 209,402; published Oct. 27, 1925.

Green Oil Soap Company. (See Monahan Antiseptic Co., assignor.)

Griffin, Samuel R., Winston-Salem, N. C. Liniments. 207,992; Jan. 12.

Haiff, M., & Bro., San Antonio, Tex. Bleached woven cotton cloth. 207,944; Jan. 12; Serial No. 220,232; published Oct. 27, 1925.

Halliwell Electric Co., Inc., New York, N. Y. Massage machines and violet-ray apparatus. 207,835; Jan. 12; Serial No. 208,049; published Oct. 27, 1925.

Hamilton Felting Company, The, Hamilton, Ohio. Cotton felting. 207,791; Jan. 12; Serial No. 213,970; published Oct. 6, 1925.

Hartman Furniture & Carpet Co., Chicago, Ill. Chinaware and china dinner sets. 207,957; Jan. 12; Serial No. 202,869; published Oct. 27, 1925.

Hawkridge Brothers, assignor to Hawkridge Brothers Company, Boston, Mass. Tool steel and steel bars, rods, and sheets. 51,349; renewed Apr. 10, 1926.

Hawley & Hoops, New York, N. Y. Chewing candy. 207,985; Jan. 12; Serial No. 214,660; published Oct. 27, 1925.

Hawley Pulp and Paper Company, Oregon City, Oreg. Oil-treated wraps for fruit adapted to preserve the latter. 207,809; Jan. 12; Serial No. 218,812; published Oct. 27, 1925.

Henry, Beulah L., New York, N. Y. Soap sponges. 207,831; Jan. 12; Serial No. 202,013; published Oct. 27, 1925.

Hercules Explosives Corporation. (See Aetna Powder Co., assignor.)

Herring-Hall-Marvin Safe Company, Hamilton, Ohio, and New York, N. Y.; Herring-Hall-Marvin Safe Company, New York, N. Y. Safes. 52,827; renewed May 22, 1926.

Hevenor, Harvey H., New York, N. Y. Self-contained lather forming and applicating apparatus. 207,812; Jan. 12; Serial No. 219,184; published Oct. 27, 1925.

Highland Milling Company, Highland, Ill. Wheat flour. 207,877; Jan. 12; Serial No. 217,617; published Oct. 13, 1925.

Hinrichs, George F., Inc., New York, N. Y. Butter, eggs, cheese, and dressed poultry. 207,991; Jan. 12.

Hoffman, J. S., Company, Chicago, Ill. Sausage. 207,977; Jan. 12; Serial No. 204,910; published Oct. 27, 1925.

Holland Shoe Co., Holland, Mich. Leather boots and shoes. 207,902; Jan. 12; Serial No. 218,972; published Oct. 27, 1925.

Holzapfel's Compositions Company, Limited, Newcastle-upon-Tyne, assignor to The International Paint & Compositions Co. Ltd., London, England. Detergent preparation. 49,859; renewed Feb. 20, 1926.

Home Remedy Co., The, South Haven, Mich. Remedy for catarrh, hay fever, and cold in the head. 51,350; renewed Apr. 10, 1926.

Hooker Electrochemical Company, New York, N. Y. Chemical composition for cleaning drainpipes, etc. 207,806; Jan. 12; Serial No. 218,641; published Oct. 27, 1925.

Hooker Electrochemical Company, New York, N. Y. Chemical compositions for cleaning drainpipes, sewers, etc., and for thawing frozen pipes. 207,870; Jan. 12; Serial No. 218,640; published Oct. 27, 1925.

Hoover, P. L., & Bros., assignor to Hoover Liniment Company, Incorporated, Carlisle, Ind. Liniment. 50,788; renewed Mar. 27, 1926.

Hornberger, Melvin J., Youngstown, Ohio. Coal. 207,844; Jan. 12; Serial No. 212,686; published Oct. 27, 1925.

Hotaling, A. P., & Co., San Francisco, Calif. Whisky. 51,541; renewed Apr. 17, 1926.

Hunter, Robert, Milbank, S. Dak. Granite monuments, tombstones, and markers. 208,005; Jan. 12.

Huntley Palmers, Ltd., Reading, England. Biscuits and cakes. 51,767; renewed Apr. 24, 1926.

Huron Milling Company, Harbor Beach, Mich. Gums, sizings, and pastes. 207,960; Jan. 12; Serial No. 198,746; published Dec. 9, 1924.

Hurst, T. I., & Sons, Pyriton, Ala. Medicine for venereal diseases. 207,994; Jan. 12.

Hygeia Nursing Bottle Company. (See Decker, William M., assignor.)

Hygienic Sanitation Company, Philadelphia, Pa. Rodent exterminator. 207,990; Jan. 12.

Hyland Bros. Company, Inc., Chicago, Ill., and New York, N. Y. Hats for women and misses. 207,926; Jan. 12; Serial No. 218,124; published Oct. 6, 1925.

Independent Baking Company, Davenport, Iowa. Biscuits. 208,002; Jan. 12.

Insulating Materials Company, Detroit, Mich. Sewing threads. 207,918; Jan. 12; Serial No. 217,620; published Oct. 27, 1925.

International Milling Company, Minneapolis, Minn. Wheat flour. 207,909; Jan. 12; Serial No. 218,462; published Oct. 27, 1925.

International Paint & Compositions Co., The. (See Holzapfel's Compositions Company, assignor.)

Ivory Garter Company, New Orleans, La. Hose supporters. 207,975; Jan. 12; Serial No. 201,034; published Oct. 20, 1925.

J. S. & J. F. String Incorporated, New Haven, Conn. Strainers and valves for fuel-oil lines. 207,869; Jan. 12; Serial No. 218,507; published Oct. 27, 1925.

Jaeger, Oswald, Baking Company, Milwaukee, Wis. Bread. 207,881; Jan. 12; Serial No. 218,184; published Oct. 20, 1925.

Johnson Brothers, (Hanley) Limited, Stoke-on-Trent, England. Table earthenware. 207,950; Jan. 12; Serial No. 215,515; published Oct. 17, 1925.

Johnson High Test Oil Company, Freeport, Ill. Gasoline. 207,910; Jan. 12; Serial No. 218,361; published Oct. 27, 1925.

Jonas, L., & Co., Nashville, Tenn. Ladies' and misses' hats. 207,917; Jan. 12; Serial No. 217,935; published Oct. 27, 1925.

Kaplan, A., doing business as The Liberty Feed Mills, Kaplan, La. Prepared stock food (molasses) not medicated. 207,783; Jan. 12; Serial No. 217,465; published Oct. 27, 1925.

Katharman Chemical Co., St. Louis, Mo. Tonics. 49,525; renewed Feb. 6, 1926.

Keith, Geo. E., Company, Brockton, Mass. Shoe dressing. 53,001; renewed May 22, 1926.

Kelly, John F., Lexington, Ky. Store furniture. 207,753; Jan. 12; Serial No. 216,050; published Oct. 27, 1925.

Kistler Leather Company, South Boston, Mass. Leather, tap, and slip soles. 207,862; Jan. 12; Serial No. 216,411; published Oct. 13, 1925.

Kroh, Myrtle M., doing business as C. Irving Kroh Co., Silver Run, Md. Canned vegetables. 207,895; Jan. 12; Serial No. 219,747; published Oct. 27, 1925.

Krum Bros., New York, N. Y. Vegetbles oil. 207,793; Jan. 12; Serial No. 214,167; published Oct. 20, 1925.

Laadt Corporation, The, Chicago, Ill. Chemicals for cleaning clothing. 207,781; Jan. 12; Serial No. 217,567; published Oct. 27, 1925.

Lafayette Paint Works. (See Baker Paint & Varnish Co.)

Lawrence, A. C., Leather Company, Boston, Mass. Leather. 207,772; Jan. 12; Serial No. 218,363; published Oct. 6, 1925.

Lawrence, A. C., Leather Company, Boston, Mass. Leather. 207,811; Jan. 12; Serial No. 219,126; published Oct. 27, 1925.

Lee, Frank H., Company, The, Danbury, Conn. Hats for men and boys. 207,936; Jan. 12; Serial No. 219,436; published Oct. 20, 1925.

Leschen, A., & Sons Rope Co., St. Louis, Mo. Wire ropes. 49,139; renewed Jan. 23, 1926.

Lewis, Ben, New York, N. Y. Boots, shoes, and slippers, and hosiery. 207,903; Jan. 12; Serial No. 218,923; published Oct. 27, 1925.

Liberty Feed Mills, The. (See Kaplan, A.)

Lignosefilm G. m. b. H. Berlin, Germany. Photographic plates and films. 207,867–8; Jan. 12; Serial Nos. 218,494–5; published Oct. 27, 1925.

Live Stock Exchange Inc. Des Moines Iowa. Printed circulars and publications. 207,829; Jan. 12; Serial No. 201,570; published Oct. 27, 1925.

Louisville Milling Company, Minneapolis, Minn. Wheat flour. 207,886; Jan. 12; Serial No. 218,978; published Oct. 20, 1925.

Lubin, Morris, doing business as Lubinette Knitting Mills, New York, N. Y. Rayon knitted materials in the piece. 207,947; Jan. 12; Serial No. 220,348; published Oct. 27, 1925.

Lyndall, Frank S., doing business as Elbar Laboratories, Chicago, Ill. Lubricating oil. 207,887; Jan. 12; Serial No. 218,979; published Oct. 20, 1925.

Mabley and Carew Co., The, Cincinnati, Ohio. Corsets. 207,939; Jan. 12; Serial No. 219,751; published Oct. 20, 1925.

Mainzer, Adolf J., Inc., Long Island City, N. Y. Coatings for fruit tarts, etc. 207,897; Jan. 12; Serial No. 219,541; published Oct. 27, 1925.

Mars-Stone Manufacturing Company, Haddonfield, N. J. Art clay. 207,842; Jan. 12; Serial No. 212,340; published Oct. 20, 1925.

Marshall Field & Company, Chicago, Ill. Cotton poplin piece goods. 207,930; Jan. 12; Serial No. 218,620; published Oct. 27, 1925.

Martin County Co-Op. Oil Company, Triumph, Minn. Gasoline, kerosene, and lubricating oils. 207,916; Jan. 12; Serial No. 217,939; published Oct. 27, 1925.

Masury, John W., & Son, Brooklyn, N. Y. Mixed paints. 52,699; renewed May 15, 1926.

Mauk, C. A., Lumber Co., The, Toledo Ohio. Wooden shingles. 207,995; Jan. 12.

Mawson, John, Hair Cloth Co. Inc., The, Philadelphia, Pa. Cotton, wool, and silk piece goods and combinations of the same. 207,945; Jan. 12; Serial No. 220,291; published Oct. 27, 1925.

McDougall-Butler Co., Inc., Buffalo, N. Y. Enamel paint. 207,905; Jan. 12; Serial No. 218,711; published Oct. 27, 1925.

Merrick Scale Mfg. Company, Passaic, N. J. Weighing apparatus. 207,896; Jan. 12; Serial No. 218,977; published Nov. 3, 1925.

Metal & Thermit Corporation, New York, N. Y. Enameling compound for ceramic ware. 207,959; Jan. 12; Serial No. 201,503; published Oct. 27, 1925.

Meyenberg Evaporated Milk Co., San Francisco, Calif. Evaporated milk. 207,912; Jan. 12; Serial No. 218,269; published Oct. 27, 1925.

Miller, L., & Sons, Inc., Long Island City, N. Y. Shoes and overshoes. 207,864; Jan. 12; Serial No. 217,035; published Oct. 6, 1925.

Minneapolis Milling Company, Minneapolis, Minn. Wheat flour. 207,865; Jan. 12; Serial No. 217,283; published Oct. 20, 1925.

Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Garters. 207,949; Jan. 12; Serial No. 215,585; published Oct. 13, 1925.

Model Brassiere Co. Inc., New York, N. Y. Combination garment. 207,932; Jan. 12; Serial No. 218,984; published Oct. 6, 1925.

Monahan Antiseptic Co., assignor to Green Oil Soap Company, Chicago, Ill. Soap. 52,933; renewed May 22, 1926.

Moorman Mfg. Co., Quincy, Ill. Prepared stock feed. 207,848; Jan. 12; Serial No. 200,403; published Oct. 20, 1925.

Mott Mfg. Co., Brooklyn, N. Y. Soaps. 207,776; Jan. 12; Serial No. 218,132; published Oct. 27, 1925.

Murray, Edgar A.; Edgar A. Murray, doing business as Edgar A. Murray Company, Detroit, Mich., successor. Compound for exterminating vermin. 52,157; renewed May 1, 1926.

National Commodities Sales Corporation, Philadelphia, Pa. Hair nets. 207,899; Jan. 12; Serial No. 219,490; published Oct. 27, 1925.

National Department Stores Inc., New York, N. Y. Silks and pile fabric in the piece, rugs, and draperies, etc. 207,849; Jan. 12; Serial No. 200,508; published Oct. 27, 1925.

National Mill & Lumber Company, San Francisco, Calif. Cabinet ironing boards. 207,838; Jan. 12; Serial No. 211,117; published Oct. 20, 1925.
National Toilet Company, Paris, Tenn. Vanishing cream, almond lotion, hair shampoo, etc. 207,819; Jan. 12; Serial No. 219,404; published Oct. 27, 1925.
Navishade Company. (See Golden, Max.)
Nep Products Company, Boston, Mass. Ointment for external use on horses and cattle. 207,852; Jan. 12; Serial No. 213,028; published July 21, 1925.
New York Insulating Wire Company, New York, N. Y. Insulated wire and adhesive tapes commonly used for insulating. 52,337; renewed May 8, 1926.
Nobel Industries, Limited, London, England. Metals and metal castings and forgings of ferrotungsten alloy. 207,816; Jan. 12; Serial No. 219,299; published Oct. 27, 1925.
North American Anolin Corporation, Little Falls, N. Y. Leather. 207,804. Jan. 12; Serial No. 215,702; published Oct. 27, 1925.
Notari Bros., Scranton, Pa. Bread. 207,872; Jan. 12; Serial No. 216,113; published Oct. 20, 1925.
O'Donnell Shoe Company, St. Paul, Minn. Shoes of leather or fabric and having soles of leather or rubber. 207,857; Jan. 12; Serial No. 214,379; published Oct. 20, 1925.
Omo Manufacturing Company, The, Middletown, Conn. Infants' rubber pants and sanitary bloomers. 207,820; Jan. 12; Serial No. 219,445; published Oct. 27, 1925.
Osborn, C. D., Co., Chicago, Ill. Mittens and gloves. 207,853–4; Jan. 12; Serial Nos. 213,855–6; published Oct. 20, 1925.
Osborn, C. D., Co., Chicago, Ill. Mittens and gloves. 207,858; Jan. 12; Serial No. 214,677; published Oct. 20, 1925.
Ozark Oil Corporation, Cedar Rapids, Iowa. Gasoline. 207,883; Jan. 12; Serial No. 218,520; published Oct. 27, 1925.
P. P. Felix Rimpler & Cia., Buenos Aires, Argentina. Fresh grapes. 207,970; Jan. 12; Serial No. 189,011; published Mar. 10, 1925.
Padmore, Arthur M., Minneapolis, Minn. Liquid oil stain and filler for wood. 207,847; Jan. 12; Serial No. 190,516; published Oct. 20, 1925.
Parker, Jane, New York, N. Y. Ladies' hats. 207,892; Jan. 12; Serial No. 219,043; published Oct. 20, 1925.
Patterson-Sargent Company, The, Cleveland, Ohio. Paints, paint enamels, wood stains, etc. 207,915; Jan. 12; Serial No. 218,018; published Oct. 27, 1925.
Pauson & Company, San Francisco, Calif. Suits and overcoats for men. 207,765; Jan. 12; Serial No. 217,045; published Oct. 27, 1925.
Peacard, Maurice A., doing business as Peacard Heating and Supply Company, Roxbury, Mass. Ranges, hot-air furnaces, boilers, gas stoves, etc. 207,845; Jan. 12; Serial No. 212,960; published Oct. 13, 1925.
Pedox Produx, Inc., New York, N. Y. Bunion protector, bunion, corn, and callus shields. 207,785; Jan. 12; Serial No. 217,290; published Oct. 27, 1925.
Peep O'Day Shoe Co. (See Fink, I. Enie.)
Perfection Biscuit Company, Fort Wayne, Ind. Cooky cakes. 207,940; Jan. 12; Serial No. 219,760; published Oct. 27, 1925.
Perry & Co., Philadelphia, Pa. Coats, vests, pantaloons, overcoats, and men's and boys' suits. 52,732; renewed May 15, 1926.
Philip Hano & Co., New York, N. Y., assignor, by mesne assignments, to Philip Hano Company, Holyoke, Mass. Manifolding devices. 52,021; renewed May 1, 1926.
Phillips Genuine Sausage Co., Washington, D. C. Hams, bacon, sausage, and lard. 207,972; Jan. 12; Serial No. 198,249; published Sept. 9, 1924.
Philpott, Ernest H., doing business as Windermere Products Mfg. Co., East Cleveland, Ohio. Rubber aprons. 207,757; Jan. 12; Serial No. 216,428; published Oct. 27, 1925.
Pickering, Richard P., Chicago, Ill. Combined bottle opener and nozzle. 207,839; Jan. 12; Serial No. 211,290; published Oct. 27, 1925.
Piedmont Creamery Company, Inc., The Plains, Va. Butter. 207,834; Jan. 12; Serial No. 206,366; published Oct. 20, 1925.
Pierce, F. O., Company, New York, N. Y. Red paint. 51,967; renewed May 1, 1926.
Pimbley Paint & Glass Co., St. Joseph, Mo. House paints. 52,338; renewed May 8, 1926.
Pittsburgh Water Heater Company, Pittsburgh, Pa. Hot-water heaters and storage systems. 207,832; Jan. 12; Serial No. 202,877; published Oct. 6, 1925.
Popper & Klein, New York, N. Y. Hypodermic syringes. 207,825; Jan. 12; Serial No. 220,321; published Oct. 27, 1925.
Powell, Estelle V., doing business as Powell Mfg. Co., New York, N. Y. Grenselike substances used in the treatment of and as nourishment of the scalp and treatment of the hair. 208,007; Jan. 12.
Powell, John, Plymouth, Pa. Miners' squibs. 207,946; Jan. 12; Serial No. 220,295; published Oct. 27, 1925.
Prescott, J. L., Company, New York, N. Y. Paint enamel. 207,855; Jan. 12; Serial No. 213,858; published Oct. 20, 1925.
Pro-phy-lac-tic Brush Company. (See Florence Manufacturing Company, assignors.)
Read, William F., & Sons Co., Philadelphia, Pa. Woven worsted fabrics. 207,935; Jan. 12; Serial No. 219,303; published Oct. 27, 1925.
Remington Salt Company, Ithaca, N. Y. Salt. 207,807; Jan. 12; Serial No. 218,661; published Oct. 27, 1925.
Reynolds, James E., assignor to James E. Reynolds Co., New York, N. Y. Carpet warps. 52,373; renewed May 8, 1926.
Rhodes, Ernest L., Company, Atlanta, Ga. Ladies' hats. 207,761; Jan. 12; Serial No. 216,847; published Oct. 6, 1925.
Richards, A. B., Medicine Company. (See Simmons, A. C., Jr., Medicine Co., assignor.)
Rigo Manufacturing Company, Nashville, Tenn. Aspirin. 208,010; Jan. 12.
Ritz-Woller, Oliver C., doing business as American Automatic Devices Company, Chicago, Ill. Step plates, kick or scuff plates, and body or protection rails for automobiles. 207,827; Jan. 12; Serial No. 195,728; published Oct. 27, 1925.
Roegge, Frederick C., Los Angeles, Calif. Tires. 207,778; Jan. 12; Serial No. 218,088; published Oct. 27, 1925.
Roessel, Louis, & Co. Inc., Hazleton, Pa. and New York, N. Y. Silk goods in the piece. 207,898; Jan. 12; Serial No. 219,540; published Nov. 3, 1925.
Rothman, Benjamin, Inc., New York, N. Y. Shoes. 207,893; Jan. 12; Serial No. 219,142; published Oct. 20, 1925.
Royster, F. S., Guano Co., Norfolk, Va. Bone fertilizer. 52,845; renewed May 22, 1926.
Rubber-On Metal Welding Corporation, New York, N. Y. Automobile running-board treads. 207,789; Jan. 12; Serial No. 213,922; published Oct. 20, 1925.
Rubenstein, Sol H., doing business as Bar Merchandise Company, New York, N. Y. Hair nets. 207,942; Jan. 12; Serial No. 219,845; published Oct. 27, 1925.
Ruberoid Co., The. (See Standard Paint Company, assignor.)
S & E Powdered Sugar Co., The. (See Syme, Arthur M. Q.)
Saks & Company, New York, N. Y. Shoes and slippers. 207,997; Jan. 12.
Salisbury Packing Co., The, Salisbury, Md. Raw oysters. 207,876; Jan. 12; Serial No. 217,585; published Oct. 27, 1925.
Samuels Shoe Company, St. Louis, Mo. Shoes and slippers. 207,866; Jan. 12; Serial No. 217,637; published Oct. 6, 1925.
San Antonio Portland Cement Co., San Antonio, Tex. Portland cement. 207,805; Jan. 12; Serial No. 215,755; published Oct. 20, 1925.
Sandelin Drug Co. (See Frisch, Oswald, H. C.)
Savage Mountain Fire Brick Company, Frostburg, Md. Fire brick. 207,965; Jan. 12; Serial No. 191,587; published Jan. 27, 1925.
Scott, A. W., Company, San Francisco, Calif. Animal foods. 207,962; Jan. 12; Serial No. 195,542; published Sept. 15, 1925.
Scott-Sullivan Paint Co., St. Louis, Mo. Paints, colors in oil, varnish stains, etc. 207,880; Jan. 12; Serial No. 217,901; published Oct. 20, 1925.
Seinsheimer, Henry A., assignor to The H. A. Seinsheimer Company, Cincinnati, Ohio. Boys' suits. 51,538; renewed Apr. 17, 1926.
Sherman Radio Manufacturing Corporation, New York, N. Y. Radio cabinets. 207,782; Jan. 12; Serial No. 217,484; published Oct. 27, 1925.
Sherrill Oil Company, Pensacola, Fla. Gasoline, kerosene, lubricating oils and greases. 207,885; Jan. 12; Serial No. 218,931; published Oct. 27, 1925.
Silver Lake Company, Boston, Silver Lake Company, Newton, Mass. Cords, lines, twines, and ropes. 52,375–6 renewed May 8, 1926.
Simmons, A. C., Jr. Medicine Co., assignor to A. B. Richards Medicine Company, Inc., Sherman, Tex. Liver remedy. 51,490; renewed Apr. 17, 1926.
Simmons Company, New York, N. Y. Mattresses. 207,821; Jan. 12; Serial No. 219,007; published Oct. 27, 1925.
Simpson, Wm., Sons & Co., Philadelphia, Pa. Silk and cotton goods in the piece. 207,943; Jan. 12; Serial No. 219,915; published Oct. 27, 1925.
Sims Milling Company, Frankfort, Ind. Wheat flour. 207,920; Jan. 12; Serial No. 217,903; published Oct. 20, 1925.
Skinner, Rebecca C., New York, N. Y. Women's coats. 207,788; Jan. 12; Serial No. 213,745; published Oct. 27, 1925.
Skinner, William, Manufacturing Co., Holyoke and Boston, Mass.; New York, N. Y.; Chicago, Ill.; and Philadelphia, Pa., assignor to William Skinner & Sons, Holyoke, Mass. Silk and satin piece goods. 46,210; renewed Sept. 12, 1925.
Smith and Wesson, Inc., Springfield, Mass. Revolvers and pistols. 207,951; Jan. 12; Serial No. 214,828; published Oct. 27, 1925.
Societe en Commandite Maurice Fringe & Cie., Paris, France. Cotton thread. 207,967; Jan. 12; Serial No. 177,574; published Oct. 27, 1925.
South Georgia Produce Company, Vidalia, Ga. Wheat flour. 207,941; Jan. 12; Serial No. 219,785; published Oct. 27, 1925.

Speich, Helen S., as executrix of the estate of Frederick H. Speich, deceased, doing business as F. H. Speich & Co., Riverside, Calif. Melons. 207,971; Jan. 12; Serial No. 169,276; published Sept. 30, 1924.
Spencer, S. S., Co., St. Paul and Minneapolis, Minn. Bath and laundry tubs, lavatories, sinks, water-closet tanks, etc. 207,828; Jan. 12; Serial No. 200,531; published Oct. 27, 1925.
Sperry Flour Company, San Francisco, Calif. Cake flour. 207,922; Jan. 12; Serial No. 219,787; published Oct. 27, 1925.
Stamm, Lester, doing business as The Monesta Company, New York, N. Y. Toothbrushes. 207,931; Jan. 12; Serial No. 218,831; published Oct. 13, 1926.
Stanback Medicine Co., Spencer, N. C. Headache remedy. 208,001; Jan. 12.
Standard Paint Company, The, New York, N. Y., assignor to The Ruberoid Co., New York, N. Y., and Boundbrook, N. J. Preservative and insulating varnishes. 51,456; renewed Apr. 17, 1926.
Staples & Pfeiffer, San Francisco, Calif. Valves, burners, oil and air tanks, oil strainers, etc. 207,797; Jan. 12; Serial No. 216,462; published Oct. 27, 1925.
Star and Crescent Milling Company, Minneapolis, Minn. Wheat flour. 207,868; Jan. 12; Serial No. 219,016; published Oct. 20, 1925.
Stark Bro's. Nurseries & Orchards Company, Louisiana, Mo. Grape vines, cuttings, scions, grafts, roots, and stocks. 52,113; renewed May 1, 1926.
Stark Bro's. Nurseries & Orchards Company, Louisiana, Mo. Grape vines, cuttings, scions, grafts, roots, and stocks. 52,124; renewed May 1, 1926.
Stark, Max, New York, N. Y. Paper products. 207,840; Jan. 12; Serial No. 211,569; published Oct. 27, 1925.
Stauffer Biscuit Co., Inc., York, Pa. Pretzels. 207,938; Jan. 12; Serial No. 219,698; published Oct. 27, 1925.
Sunnyklime Food Products Co., Minneapolis, Minn. Fruit cookies. 207,933; Jan. 12; Serial No. 219,152; published Oct. 27, 1925.
Sweet, Laurence A., Manufacturing Company, Los Angeles, Calif. Radiator caps. 207,799–803; Jan. 12; Serial Nos. 215,602–6; published Oct. 20, 1925.
Syme, Arthur M. Q., doing business as The S & E Powdered Sugar Co., Chicago, Ill. Powdered sugar. 207,980; Jan. 12; Serial No. 211,959; published Oct. 13, 1925.
Talbot Mills, Billerica: Talbot Mills, Billerica and North Billerica, Mass. Woolen cloth. 52,742; renewed May 15, 1926.
Taylor Chair Company, The, Bedford, Ohio. Chairs, sofas, settees, davenports, and office couches. 207,754; Jan. 12; Serial No. 216,125; published Oct. 27, 1925.
Tedcastle, A. W., Company, Boston, Mass. Leather shoes. 207,934; Jan. 12; Serial No. 219,212; published Oct. 6, 1925.
Tennessee Stove Works, Chattanooga, Tenn. Cooking stoves and ranges for wood, coal, and gas. 207,784; Jan. 12; Serial No. 217,428; published Oct. 20, 1925.
Three Girls Home Food Products, Brooklyn, N. Y. Mayonnaise dressing. 207,973; Jan. 12; Serial No. 199,587; published Oct. 27, 1925.
Timgad Company, Washington, D. C. Gowns, women's coats, dresses, skirts, and waists. 207,818; Jan. 12; Serial No. 219,357; published Oct. 27, 1925.
Traficante, C., Bros., Brooklyn, N. Y. Olive oil. 208,003; Jan. 12.
Travel Air Manufacturing Co. Inc., The, Wichita, Kans. Airplanes. 207,817; Jan. 12; Serial No. 219,313; published Oct. 27, 1925.
Tribune Company, The, Chicago, Ill. Printing press. 207,771; Jan. 12; Serial No. 218,436; published Oct. 27, 1925.
Tuttle & Bailey Manufacturing Company, New York and Brooklyn, N. Y. Register tops. 207,778; Jan. 12; Serial No. 218,343; published Oct. 6, 1925.
United States Graphite Co., The, Saginaw, Mich. Coating for foundry cores. 207,786; Jan. 12; Serial No. 213,412; published Oct. 27, 1925.
Upland Lemon Growers Association, Upland, Calif. Oranges, lemons, and grapefruit. 207,982; Jan. 12; Serial No. 212,979; published Oct. 27, 1925.
Vanderbilt, R. T., Company, Inc., New York, N. Y. Clay used as raw material. 207,792; Jan. 12; Serial No. 214,038; published Oct. 20, 1925.
Vego-Hair Manufacturing Co., Gainesville, Fla. Vegetable Spanish moss. 207,780; Jan. 12; Serial No. 217,045; published Oct. 6, 1925.
Vendomatic Corporation. (See Associated Laboratories, Inc.)
Warwick Mills, Centerville, R. I., and Boston, Mass. Two-ply yarn cotton voiles. 207,900–1; Jan. 12; Serial Nos. 219,462–3; published Oct. 27, 1925.
Warwick Mills, Centerville, R. I., and Boston, Mass. Single-ply yarn cotton voiles. 207,937; Jan. 12; Serial No. 219,461; published Oct. 27, 1925.
Washburn Crosby Company, Minneapolis, Minn. Wheat flour. 207,927; Jan. 12; Serial No. 218,511; published Oct. 6, 1925.
Washburn Crosby Company, Minneapolis, Minn. Durum-wheat flour. 207,952; Jan. 12; Serial No. 213,869; published Oct. 27, 1925.
Waverly Heating Supply Company, Boston, Mass. Coal and gas stoves, ranges, and furnaces. 207,790; Jan. 12; Serial No. 213,939; published Oct. 27, 1925.
Westbrook Tank Line Co., St. Paul, Minn. Gasoline. 207,873; Jan. 12; Serial No. 217,000; published Oct. 20, 1925.
Wheeler, Osgood Company, The, Tacoma, Wash. Veneered, laminated, or built-up doors. 207,788; Jan. 12; Serial No. 215,493; published Oct. 20, 1925.
White & Bagley Company, The, Worcester, Mass. Motor oils and machine lubricants. 207,876; Jan. 12; Serial No. 217,691; published Oct. 20, 1925.
White, Charles W., Waco, Tex. Mattresses. 52,736; renewed May 15, 1926.
White, Harrison, Inc., New York, N. Y. Plastic composition. 207,843; Jan. 12; Serial No. 212,435; published Oct. 20, 1925.
Willesen Manufacturing Company, Malden, Mass. Polish for painted, varnished, waxed, and similar surfaces. 207,911; Jan. 12; Serial No. 218,347; published Oct. 27, 1925.
Windermere Products Mfg. Co. (See Philpott, Ernest H.)
Wolverine Brass Works, Grand Rapids, Mich. Screw-threaded brass fittings. 207,826; Jan. 12; Serial No. 220,881; published Oct. 27, 1925.
Woodworth Elevator Company, Minneapolis, Minn. Soft coal. 207,908; Jan. 12; Serial No. 218,679; published Oct. 13, 1925.
Worth Textile Co. Inc., New York, N. Y. Dress and underwear fabrics in the piece. 207,860; Jan. 12; Serial No. 215,225; published Oct. 27, 1925.
Young, Richard, Company, New York, N. Y. Sheepskins having a special finish. 52,818; renewed May 15, 1926.
Young & Sullivan, Pontiac, Mich. Auto and furniture polish and refinisher. 207,979; Jan. 12; Serial No. 211,782; published Oct. 20, 1925.
Zachos, Louis G., doing business as The Golden West Laboratories, Los Angeles, Calif. Auto renewer. 207,889; Jan. 12; Serial No. 219,021; published Oct. 20, 1925.
Zucca's Restaurant, Inc., New York, N. Y. Paté de foie gras, canned soups, and noodles. 208,006; Jan. 12

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Chocolate Sponge Co., Inc., The, Brooklyn, N. Y. Chocolate Sponge Bar. For Chocolate Candies. 29,762; Jan. 12.
Halsted-Dierks & Co., San Francisco, Calif. The Sanctis. For Burial Receptacles. 29,753; Jan. 12.
Larmour, James J., East Orange, N. J. Painpatch. For Porous Plasters. 29,754; Jan. 12.
Moore, Joseph H., Providence, R. I. Olivette. For Cold-Cream Face Powder. 29,755; Jan. 12.
Raynand, Alfred, Goshen, N. Y. Fleur de Crème Special Extra-Fin. For Cheese and Cheese Products. 29,756; Jan. 12.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Bass-Hueter Paint Company, San Francisco, Calif. Five Simple Steps—And it's Done. For Paints, Varnishes, and the Bass-Hueter. Grainer. 8,490; Jan. 12.
Cassine Products Co. (See Hoye, Stephen M.)
Cream of Wheat Co., Minneapolis, Minn. Who is Busier than a Baby? He burns up as much energy in growing as his Mother does in work. For Wheat Breakfast Food. 8,491; Jan. 12.
Cream of Wheat Co., Minneapolis, Minn. To the Mother of Every San Francisco School Child. For Wheat Breakfast Food. 8,492; Jan. 12.
Florian Inc., Des Moines, Iowa. You will like Florian Mentholated Bay Rum Shaving Cream Better. For Shaving Cream. 8,493; Jan. 12.
Florian Inc., Des Moines, Iowa. Buy a Tube of Florian Tooth Paste. For Tooth Paste. 8,494; Jan. 12.
Goodyear Tire & Rubber Company, Inc., The, Akron, Ohio. Sold Comfort—That's What You'll Say When You Put Your Old Shoes On After We've Repaired Them—We Use Good—Wingfoot—Year Wingfoot Soles & Heels. For Soles and Heels for Boots and Shoes Composed Wholly or in Part of Rubber. 8,495; Jan. 12.

Granger & Co., Buffalo, N. Y. Foods and Ingredients of Foods. For Foods and Ingredients of Foods. 8,496; Jan. 12.

Hoye, Stephen M., doing business as Cassine Products Co., Brooklyn, N. Y. Cassine Champagne. For Cassine Champagne. 8,497; Jan. 12.

Jupiter Spark Plug Company, Seattle, Wash. Jupiter Spark Plugs. For Spark Plugs. 8,498; Jan. 12.

Quaker State Oil Refining Company, Oil City, Pa. An Extra Quart in Every Gallon. For Motor Oil. 8,499; Jan. 12.

Reid, Murdoch & Co., Chicago, Ill. Monarch. For Groceries. 8,500; Jan. 12.

Slaker Health Food Co., Aurora, Ill. Old Time Bread. For Bread. 8,501; Jan. 12.

Summerour & Son, Vernon, Tex. Summerour's Western Wonder. For Cottonseed. 8,502; Jan. 12.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Acme Shear Company, The, Bridgeport, Conn. Scissors and shears. 221,655; Jan. 12.

Adaynka Laboratories, Newark, N. J. Piano and furniture polish. 221,685; Jan. 12.

Aktiengesellschaft Chocolat Tobler, Bern, Switzerland. Chocolate and cocoa. 217,845–6; Jan. 12.

Alpha-Lux Company, Inc., The, New York, N. Y. Fire-resisting powdered material. 221,996; Jan. 12.

Altman, B., & Co., New York, N. Y. Perfumes. 217,383; Jan. 12.

Aluminum Company of America, Pittsburgh, Pa. Chemical composition for use in the purification of water. 224,316; Jan. 12.

American Blower Company, Detroit, Mich. Combined air heating and circulating device. 215,674; Jan. 12.

American Caramel Company, York, Pa. Candy. 223,014; Jan. 12.

American Chicle Company, Long Island City, N. Y. Antiseptic chewing gum. 223,072; Jan. 12.

American Fashion Company, New York, N. Y. Monthly periodicals. 222,907; Jan. 12.

American Gear Company, Jackson, Mich. Piston pins. 221,867; Jan. 12.

American Stores Company, Philadelphia, Pa. Coffee, paprika, celery salt, grape jelly, etc. 220,821; Jan. 12.

American Turpentine Company, The, doing business as North American Fibre Products Company, Cleveland, Ohio. Liquid chemical compound for scale preventing and removing compound from boilers. 206,146; Jan. 12.

Anderson, Claus, doing business as Anderson & Company, Chicago, Ill. Roasted coffee. 205,897; Jan. 12.

Anderson, George G., New York, N. Y. Worm expeller for dogs. 223,759; Jan. 12.

Ands. Koch A.-G., Trossingen, Germany. Mouth organs, accordions, harmonica flutes, etc. 203,998–9; Jan. 12.

Ands. Koch A.-G., Trossingen, Germany. Mouth organs, accordions, melodeons, etc. 204,000–1; Jan. 12.

Antigo Canning Company, Antigo, Wis. Canned beans, corn, and peas. 220,271; Jan. 12.

Antognoli, Joseph, Chicago, Ill. Olive oil and tomato paste. 216,495; Jan. 12.

Arcadia Citrus Growers Association, Arcadia, Fla. Oranges and tangerines. 219,930; Jan. 12.

Arcadia Citrus Growers Association, Arcadia, Fla. Oranges and tangerines. 220,104; Jan. 12.

Arenn, A., & Co., Los Angeles, Calif. Fresh lettuce and chicory. 211,773; Jan. 12.

Armour and Company, Chicago, Ill. Nut margarine. 221,531; Jan. 12.

Associated Merchandising Corporation, New York, N. Y. Bed sheets and pillowcases. 223,616; Jan. 12.

Associated Merchandising Corporation, New York, N. Y. Men's hosiery. 223,952; Jan. 12.

Bakelite Corporation, New York, N. Y. Strap hangers, propellers, windshields, and gear-shift knobs. 216,820; Jan. 12.

Bakelite Corporation, New York, N. Y. Molding compositions. 222,152; Jan. 12.

Barber, W. H., Company, Minneapolis, Minn. Gasoline, kerosene, fuel oil, petroleum distillate. 222,775; Jan. 12.

Baskin Brothers, New York, N. Y. Finger rings and finger-ring mountings. 221,735; Jan. 12.

Bausch and Lomb Optical Company, Rochester, N. Y. Ophthalmic and similar lens-holding members. 223,076; Jan. 12.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 223,762; Jan. 12.

Bell, C. S., Co., The, Hillsboro, Ohio. Hand mills for grinding grain, coffee, spices, chocolate, etc. 224,073; Jan. 12.

Benjamin, D. E., doing business as Deb Products Co., Chicago, Ill. Automobile and furniture polish. 216,137; Jan. 12.

Bennington Wax Paper Company, Bennington, Vt. Wax paper, wax lunch rolls, etc. 223,763; Jan. 12.

Blaw-Knox Company, Blawnox, Pa. Proportioning plants for concrete aggregates. 214,776; Jan. 12.

Boehringer, Albert, doing business as C. H. Boehringer Sohn, Nieder-Ingelheim-on-the-Rhine, Germany. Medicine for the heart and internal organs. 218,550; Jan. 12.

Bonwit Teller & Co., New York, N. Y. Perfumery. 222,215; Jan. 12.

Bosch, Henry, Company, New York, N. Y. Wall paper. 224,186; Jan. 12.

Boston Confectionery. (See Pappas, Guss.)

Breese Engineering Corporation, Chicago, Ill. Station heaters, furnaces, burners, boilers, etc. 219,166; Jan. 12.

Brewster, F. W., Bakersfield, Calif. Fresh grapes. 222,557; Jan. 12.

Brigstocke, M. K., doing business as The Miracle Co., Catskill, N. Y. Liquid preparation for polishing metals, glass windows, mirrors and the like. 215,131; Jan. 12.

Buckfield Plantation. (See Kress, Claude W.)

Burger Bros. Company, The, Cincinnati, Ohio. Malt extracts. 211,154; Jan. 12.

California Peanut Co. (See Damianakes, Nicholas P.)

Calumet Baking Powder Co., Chicago, Ill. Acid material. 223,212; Jan. 12.

Carithers, Daniel J., doing business as Wichita Bottling Company, Wichita Falls, Tex. Beverages. 223,021; Jan. 12.

Carroll, Ralph W., doing business as Curat Company of America, Bowling Green, Ky. Remedy or specific for the elimination of uric acid, etc. 213,953; Jan. 12.

Carson Pirie Scott & Co., Chicago, Ill. Pearls and pearl necklaces. 201,882; Jan. 12.

Carson Pirie Scott & Co., Chicago, Ill. Men's work shirts. 201,886; Jan. 12.

Chesebrough Manufacturing Co. (Consolidated), New York, N. Y. Petroleum jelly and preparations thereof. 223,081; Jan. 12.

Chicago Pneumatic Tool Company, New York, N. Y. Fluid-pressure machines and tools. 222,108; Jan. 12.

Chicago Solder Company, Chicago, Ill. Solder. 216,772; Jan. 12.

Christian, Pete, Wichita, Kans. Beverage and sirup for compounding the same. 219,878; Jan. 12.

Cinelli, G., Company, Tacoma, Wash. Pepper in vinegar, pickled onions, bottled and bulk pickles, etc. 221,238; Jan. 12.

Columbia Phonograph Company, Inc., Bridgeport, Conn. Phonograph records, phonograph apparatus for recording and reproducing sounds, etc. 221,095; Jan. 12.

Combustion Utilities Corporation, New York, N. Y. Generators, producers, and furnaces for making gas. 205,151–2; Jan. 12.

Commercial Creamery Company, Spokane, Wash. Peanut butter. 221,660; Jan. 12.

Conron Bros. Company, New York, N. Y. Dressed poultry, butter, eggs, sausages, etc. 212,785; Jan. 12.

Continental Oil Company, The, Denver, Colo. Gasoline, kerosene, lubricating oil and greases. 223,083; Jan. 12.

Continental Paper & Bag Mills Corporation, New York, N. Y. Tissue paper for skin-cleaning purposes. 219,231; Jan. 12.

Coro Coffee Company. (See Guyol, Frank J.)

Cream of Wheat Company, Minneapolis, Minn. Wheat breakfast food. 221,739–40; Jan. 12.

Credit Tire Co., The. (See Goldstein, Albert.)

Curat Company of America. (See Carroll, Ralph W.)

Damianakes, Nicholas P., doing business as California Peanut Co., Oakland, Calif. Sugar-coated peanuts. 219,530; Jan. 12.

Davidson, F. D., Company, Los Angeles, Calif. General cleaning preparation for furniture and such like goods. 208,460; Jan. 12.

Deb Products Co. (See Benjamin, D. E.)

Del Castillo, Rafael, jr., New York, N. Y. Dental exerciser. 223,217; Jan. 12.

Dellarowe, Anthony K., doing business as Dellarowe Drug Company, Hollywood, Calif. Tooth paste. 222,920; Jan. 12.

Dennison Manufacturing Company, Framingham, Mass. Printed tags, cards, seals, and cut-outs. 222,921; Jan. 12.

Diamond Chain and Manufacturing Company, Indianapolis, Ind. Chains, chain parts, roller and connecting links. 222,786; Jan. 12.

Doerr Manufacturing Company, Grand Rapids, Mich. Base-metal receptacles. 199,611; Jan. 12.

Dubilier Condenser & Radio Corporation, New York, N. Y. Electrical resistors. 223,287; Jan. 12.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Duke, Eugenia T., doing business as Duke Products Co., Greenville, S. C. Food product. 222,601; Jan. 12.

Eagle, C. K., & Co. Inc., Shamokin, Pa., and New York, N. Y. Silk or silk-mixtures piece goods. 223,220; Jan. 12.

Eckstein, Joseph, Inc., New York, N. Y. Ladies', misses', and children's suits. 221,728; Jan. 12.

Eckstein, Joseph, Inc., New York, N. Y. Ladies', misses', and children's suits. 221,730; Jan. 12.

Egon Braun Aktiengesellschaft, Hamburg, Germany. Brandies, liqueurs, punches, etc. 222,019; Jan. 12.

Elbar Laboratories. (See Lyndall, Frank S.)

Electrovend Company, The. (See Root, William D.)

El Food Corporation, Newark, N. J. Mayonnaise. 221,356; Jan. 12.

Elliott, Greene & Co. Inc., New York, N. Y. Beads, beaded bags, dress trimmings, etc. 221,954; Jan. 12.

Elms & Selion, Inc., New York, N. Y. Cotton piece goods. 223,377; Jan. 12.

Eneglotaria Medicine Co., Inc., New York, N. Y. Medicine for the relief of dyspepsia, etc. 221,888; Jan. 12.

Enterprise Manufacturing Company, The, Akron, Ohio. Spuells for fishhooks. 207,730; Jan. 12.

Erd Motors Corporation, Saginaw, Mich. Internal-combustion engines and their parts. 221,601; Jan. 12.

Ernstberger, H., & Co., New York, N. Y. Artificial-silk, cotton, etc., fabrics. 223,627–8; Jan. 12.

Everss, Henry, Walla Walla, Wash. Dry-cleaning compounds. 217,924; Jan. 12.

Faessler, J., Mfg. Co., The, Moberly, Mo. Flue expanders for steam boilers. 214,146; Jan. 12.

Farrah, John, & Harrogate Toffee, Limited, Harrogate, England. Toffee. 219,066; Jan. 12.

Farrah, John, & Harrogate Toffee, Limited, Harrogate, England. Toffee, ginger nuts, and chocolate. 219,067; Jan. 12.

Fenton, John, Columbus, Ohio. Heels for shoes. 219,954; Jan. 12.

Fillmore Citrus Association, Fillmore, Calif. Oranges, lemons, and grapefruit. 224,006–7; Jan. 12.

Fitger Company, The, Duluth, Minn. Bar and packaged candy. 209,567; Jan. 12.

Fletcher-Wilson Coffee Co., Nashville, Tenn., and Atlanta, Ga. Mustard. 222,835; Jan. 12.

Foon, Ong, doing business as Ong Foon Manufacturing Company, San Francisco, Calif. Preparation for polishing metals, glassware, etc. 221,250; Jan. 12.

Ford, J. B., Company, The, Wyandotte, Mich. Soda ash for laundry, household, factory, and general cleaning purposes. 220,122; Jan. 12.

Ford, J. B., Company, The, Wyandotte, Mich. Alkali for cleaning and cleansing purposes. 220,123; Jan. 12.

Forest Electric Co., Inc., Newark, N. J. Battery-testing devices. 222,374; Jan. 12.

Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 196,882; Jan. 12.

Fortnum & Mason, Ltd., London, England. Golf clubs, golf bags, golf balls, etc. 216,903; Jan. 12.

Fuller Brush Company, The, Hartford, Conn. Manicure and dresser trays, vanity cases. 203,306; Jan. 12.

Fyon & Fyon Limited, Montreal, Quebec, Canada. Javelle water. 221,111; Jan. 12.

Galena-Signal Oil Company of Texas, Houston, Tex. Lubricating oils and greases. 209,570; Jan. 12.

Garcia & Maggini Co., San Francisco, Calif. Green and dried fruits, fresh vegetables, oranges, etc. 199,748; Jan. 12.

Geneva Chemical Corporation, New York, N. Y. Medicated chewing gum. 223,295; Jan. 12.

Gillett Canning Company, Gillett, Wis. Canned peas and beans. 224,013; Jan. 12.

Glaser Bros., San Francisco, Calif. Bar candies. 212,247; Jan. 12.

Goldstein, Albert, doing business as The Credit Tire Co., Oakland, Calif. Pneumatic tires and inner tubes and outer casings thereof. 223,509–10; Jan. 12.

Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Flat silver-plated tableware. 220,948; Jan. 12.

Great Lakes Thread and Yarn Co., Detroit, Mich. Yarns and sewing thread. 223,168; Jan. 12.

Guyol, Frank J., also doing business as Coro Coffee Company, St. Louis, Mo. Coffee. 221,114; Jan. 12.

Hafner, Otto, Wandsbek, near Hamburg, Germany. Machines for making tools, and tools. 221,316; Jan. 12.

Hall Dry Goods Co., Batesville, Ark. Overalls, jumpers, pants, work shirts, and dress shirts. 224,089; Jan. 12.

Harris, P. E., & Co., Seattle, Wash. Canned salmon. 223,336; Jan. 12.

Hawdos Corporation, The, Corning, N. Y. Shock absorbers. 220,950; Jan. 12.

Heather Company, New York, N. Y. Face powders, face creams, perfumes, rouges, etc. 187,421; Jan. 12.

Heger Products Company, St. Paul, Minn. Dog, cat, and fox biscuits. 214,416; Jan. 12.

Herald News Company, The, El Paso, Tex. Newspapers. 221,608; Jan. 12.

Herald News Company, The, El Paso, Tex. Newspapers. 221,663; Jan. 12.

Hick, Hick & Bannatyne, Brentwood, England. Plastic Composition. 221,896; Jan. 12.

Hip-Hip Beverage Co., New York, N. Y. Beverages sold as soft drinks. 223,476; Jan. 12.

Hoffman, M. & H., Manchester, Md. Lotion for the treatment of piles. 221,318; Jan. 12.

Home Malt Company. (See Tusch, Ernest O.)

I. M. Co., Oakland, Calif. Medical and pharmaceutical products. 221,424; Jan. 12.

Imogene's Food Products Comp'y. (See Michael, Teresa O.)

Jacobsen-Hodgkinson Corporation, New York, N. Y. Series of monthly publications. 223,174; Jan. 12.

Johns-Manville, Incorporated, New York, N. Y. Flax packing for glands, stuffing boxes, etc. 221,970; Jan. 12.

Jordan Marsh Company, Boston, Mass. Mattresses. 223,514; Jan. 12.

Kalkus Chemical Company. (See Paulson, Carolus M.)

Kashdex, Inc., San Francisco, Calif. Loose-leaf folder and printed sheets to be inserted therein. 223,303; Jan. 12.

Keenan, C. W., Inc., Brooklyn, N. Y. Roofing cement. 220,610; Jan. 12.

Kelly, Dr. Harold E., Portland, Oreg. Deodorizing and healing talcum powder. 223,095; Jan. 12.

Kessler, S. H., & Sons, Inc., New York, N. Y. Men's coats, vests, trousers, and overcoats. 223,121; Jan. 12.

Kibbe Brothers Company, Springfield, Mass. Candy. 220,541; Jan. 12.

Kimberly-Clark Company, Neenah, Wis. Filter disks made of paper. 222,127; Jan. 12.

Klaiber, Carl, Zurich, Switzerland. Safety knives for skinning animals. 219,671; Jan. 12.

Kleinert, I. B., Rubber Company, New York, N. Y. Baby pants. 223,789; Jan. 12.

Knickerbocker Dresses Inc., New York, N. Y. Dresses. 223,790; Jan. 12.

Kress, Claude W., doing business as Buckfield Plantation, Yemassee, S. C. Asparagus. 222,037; Jan. 12.

La Romaine. (See Philes, Romaine M.)

La Societe Menier, Paris, France. Eating and cooking chocolate. 217,403; Jan. 12.

Laufe, H. Charles, doing business as Stay-Tight Co., New York, N. Y. Combs. 220,308; Jan. 12.

Laundry Sales Co., Atlanta, Ga. Laundry padding. 183,656; Jan. 12.

Lee, John H., Rosedale Station, Kansas City, Kans. Laxative tonic. 223,529; Jan. 12.

Le Paradis Candy Company, Washington, D. C. Candy. 208,601; Jan. 12.

Levi, Jonathan, Co. Inc., Schenectady, N. Y. Canned fruits, vegetables, etc. 223,041; Jan. 12.

Limpert Bros., Inc., New York, N. Y. Chocolate and cocoa compound. 222,853; Jan. 12.

Linrayn Corporation, New York, N. Y. Combination of linen and artificial-silk goods in the piece. 223,809; Jan. 12.

Lorain Coal and Dock Company, The, Columbus, Ohio. Coal. 222,855; Jan. 12.

Lurie, August J., doing business as Lurie Products, Chicago, Ill. Locks. 222,929; Jan. 12.

Lyndall, Frank S., doing business as Elbar Laboratories and also as El Bar Chemical Co., Chicago, Ill. Polishes. 222,263; Jan. 12.

Lyndall, Frank S., doing business as Elbar Laboratories and also as El Bar Chemical Co., Chicago, Ill. Liquid cleaner. 222,265; Jan. 12.

Madame Paul Sabatier, Paris, France. Dressings for external use for affections of the skin, abscesses, rheumatism, etc. 223,662; Jan. 12.

Manhattan Band Instrument Co., Inc., New York, N. Y. Ukuleles and banjo ukuleles. 222,930; Jan. 12.

Manning, Bowman & Co., Meriden, Conn. Bread trays, cake baskets, casserole frames, etc. 206,181; Jan. 12.

Marquette Paper Co., Chicago, Ill. Bond writing paper. 224,032; Jan. 12.

Martin-Page Co., Middlesboro, Ky. Athletic supporters, sanitary belts. 223,312; Jan. 12.

McCormick & Co., Incorporated, Baltimore, Md. Jelly-making material. 223,313; Jan. 12.

McIntyre, Alexander, Jasper, Ala. Coal. 223,046; Jan. 12.

McKenzie Manufacturing Co., La Crosse, Wis. Potato planters, diggers, sorters, cutters, and sprayers. 219,829; Jan. 12.

McNamara Bros., Whiting, Ind. Sauce. 221,628; Jan. 12.

Meyer Mayers, Inc., New York, N. Y. Ladies' bloomers. 224,198; Jan. 12.

Michael, Teresa O., doing business as Imogene's Food Products Comp'y, Canton, Ohio. Sweet-pepper relish. 222,695; Jan. 12.

Migel, J. A., Inc., Bergen, N. J., and New York, N. Y. Silk piece goods. 223,532; Jan. 12.

Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton, linen, silk, and mixtures of same, all in the piece. 223,248; Jan. 12.

Milne-O'Berry Packing Co., St. Petersburg, Fla. Fresh oranges and grapefruit. 223,099; Jan. 12.

Miracle Co., The. (See Brigstocke, M. K.)

Missouri Company, The. (See Roll, Walter G.)

Monarch Manufacturing Company, Council Bluffs, Iowa. Monthly periodical. 219,079; Jan. 12.

PUBLISHED FOR OPPOSITION.

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Monmouth Rug Mills Inc., Englishtown, N. J. Textile rugs. 223,047; Jan. 12.
Moore, Edward J., Sons, Inc., doing business as Rockland Pharmacal Co., Long Island City, N. Y. Preparations for a prophylactic treatment for the prevention of venereal diseases. 223,858; Jan. 12.
Mt. Shasta Mineral Spring Company, doing business as Shasta Water Company, San Francisco, Calif. Beverages sold as soft drinks, and water. 222,473; Jan. 12.
Mt. Shasta Mineral Spring Company, doing business as Shasta Water Company, San Francisco, Calif. Re-carbonated water. 222,474; Jan. 12.
Mullen Brothers, Brockton, Mass. Material for repairing patent leather. 221,630; Jan. 12.
Mumm, A. G., & Co., Buffalo, N. Y. Wart remedy. 223,585; Jan. 12.
Musical Specialties Company, Inc., Elkhart, Ind. Banjo ukulele. 222,936; Jan. 12.
Mussehl, Frederick W., Toledo, Ohio. Automobile heaters. 223,048; Jan. 12.
Naef, M., & Cie., Geneva, Switzerland. Perfumes and essential oils for the production of perfumes. 221,431–46; Jan. 12.
Nemec, Robert, doing business as Progress Malt Extract Co., Chicago, Ill. Malt extract. 219,904; Jan. 12.
Nigri, Antonio, West Hoboken, N. J. Hair-treating preparation. 211,606; Jan. 12.
North American Fibre Products Company. (See American Turpentine Company.)
Northwestern Milling Co., Little Falls, Minn. Wheat flour. 221,503; Jan. 12.
Oberman, D. M., Mfg. Co., New York, N. Y. Men's work shirts, flannel shirts, suits, pants, etc. 222,086; Jan. 12.
Ohio Valley Coffee Co., The, Portsmouth, Ohio. Coffee. 220,971; Jan. 12.
Oklahoma Oil Marketers, Inc., The, Enid, Okla. Lubricating oils and greases. 218,135; Jan. 12.
Orange Crush Company, Chicago, Ill. Beverages and compounds for making the same. 223,482; Jan. 12.
Owl Drug Company, The, San Francisco, Calif. Dyspepsia tablets. 223,738; Jan. 12.
Pappas, Gus, doing business as Boston Confectionery, Perth Amboy, N. J. Ice cream. 218,371; Jan. 21.
Parfumerie Roger et Gallet, Paris, France. Cosmetics, pastes, powders, and toilet preparations. 224,262; Jan. 12.
Parisi Bros., Mount Vernon, N. Y. Canned peas and beans, olive oil, canned corn and tomatoes, etc. 215,943; Jan. 12.
Park & Pollard Company, The, Boston, Mass. Cattle feed. 223,502; Jan. 12.
Patterson Publishing Company, Chicago, Ill. Monthly magazine. 222,994; Jan. 12.
Paulson, Carolus M., doing business as Kalkus Chemical Company, Minneapolis, Minn. Foot powder. 220,797; Jan. 12.
Peavy, James O., Selma, La. Medicine for the treatment of syphilis, blood and skin diseases, etc. 223,102; Jan. 12.
Peck Engraving Company, The, Cleveland, Ohio. Writing paper. 224,420; Jan. 12.
Penn Automatic Service Company, Inc., Pittsburgh, Pa. Sandwiches, pie, and cake. 223,254; Jan. 12.
Pennsylvania Working Home for Blind Men, Philadelphia, Pa. Brooms and whisk brooms. 223,405; Jan. 12.
Perfection Products Co., Rochester, N. Y. Type cleaner. 205,488; Jan. 12.
Permite Piston Co., Cincinnati, Ohio. Pistons. 224,041; Jan. 12.
Perry & Company, Philadelphia, Pa. Coats, vests, pantaloons, etc. 224,042; Jan. 12.
Philes, Romaine M., doing business as La Romaine, Washington, D. C. Facial cream, astringent cream, hair tonic, face bleach, etc. 222,795; Jan. 12.
Piru Citrus Association, Piru, Calif. Oranges, lemons, and grapefruit. 224,044; Jan. 12.
Pollock, Wm., Milling & Elevator Co., Mexico, Mo. Cream meal. 217,897; Jan. 12.
Potomac Photo Supply Co., Washington, D. C. Photographs or pictures. 219,604; Jan. 12.
Precourt, Ray A., Los Angeles, Calif. General cleaning preparation. 219,909; Jan. 12.
Progress Malt Extract Co. (See Nemec, Robert.)
Purity Bakeries Corporation, New York, N. Y.; Minneapolis, St. Paul, and Duluth, Minn.; Detroit, Jackson, Flint, and Battle Creek, Mich.; St. Louis, Kansas City, Springfield, and Sedalia, Mo.; Indianapolis, Ind.; Cincinnati, Columbus, Hamilton, Toledo, and Akron, Ohio; Newark, N. J.; Decatur, Ill.; Burlington, Iowa; Muskogee, Okla.; and Wichita Falls, Tex. Bread, doughnuts, and toast. 214,335; Jan. 12.
Rapid Addressing Machine Company, New York, N. Y. Addressing machines. 222,400; Jan. 12.
Rapid Addressing Machine Company, New York, N. Y. Chemical composition for obliterating characters in paper stencils. 222,406; Jan. 12.
Ready Reference Publishing Co. Inc., The, New York, N. Y. Semiannual publications. 219,844; Jan. 12.
Red Cedar Lumber Manufacturer's Association of the Pacific Coast, Seattle, Wash. Lumber. 222,705; Jan. 12.
Remington Typewriter Company, Ilion and New York, N. Y. Typewriter paper. 222,519; Jan. 12.
Rex Manufacturing Co., Providence, R. I. Pens and pencils. 223,867; Jan. 12.
Rockland Pharmacal Co. (See Moore, Edward J. Sons, Inc.)
Roden Coal Company, Marvel, Ala. Coal. 223,943; Jan. 12.
Roll, Walter G., doing business as The Missouri Company, St. Louis, Mo. Canned cleaning and polishing powder. 221,567; Jan. 12.
Root, William D., doing business as The Electrovend Company, Cleveland, Ohio. Pop-corn and peanut vending machines. 183,856–8; Jan. 12.
Roy, B. S., & Son Co., Worcester, Mass. Grinders for textile cards, calender rolls for paper mills, etc. 220,575; Jan. 12.
Ry-Krisp Company, The, Minneapolis, Minn. Breakfast cereal. 223,335; Jan. 12.
St. Jacobs Oil Company, The, Wilmington, Del. Medicine for the throat and chest. 222,200–1; Jan. 12.
San Francisco Association for the Blind, San Francisco, Calif. Reed and rattan furniture. 215,272; Jan. 12.
San Francisco Association for The Blind, San Francisco, Calif. Baskets. 219,006; Jan. 12.
Santa Fe Builders Supply Company, Santa Fe, N. Mex. Paints, varnishes, stains, and enamels. 220,920–1; Jan. 12.
Saturn Mfg. Co. (See Urbanski, Louis J.)
Sayford, Frank M., Company, Brooklyn, N. Y. Packing and wrapping paper for confectionery and the like. 206,082; Jan. 12.
Schachet, Jacob C., Denver, Colo. Rubber soling materials. 219,994; Jan. 12.
Scheerders Van Kerchove, Leon, St. Nicolas, Belgium. Artificial slates, slabs, plain or waved. 222,053; Jan. 12.
Schenck, Jay E., Denver, Colo. Fortune-telling games. 222,407; Jan. 12.
Schollhorn, Wm., Co., The, New Haven, Conn. Ice picks and ice shavers. 220,880; Jan. 12.
Shasta Water Company. (See Mt. Shasta Mineral Spring Company.)
Sherman Bros., New York, N. Y. Suits, topcoats, and overcoats. 223,808; Jan. 12.
Shipman, Clyde L., Hughesville, Pa. Self-rising flour. 222,641; Jan. 12.
Shotwell Mfg. Co., Chicago, Ill. Candy bars. 220,480; Jan. 12.
Simmons-Boardman Publishing Co., New York, N. Y. Magazine published periodically. 220,621; Jan. 12.
Small Grain Distilling & Drug Co., Louisville, Ky. Whisky. 219,782; Jan. 12.
Smith, Albert D., & Co., New York, N. Y. Umbrella cloth. 218,875; Jan. 12.
Smith, Elmer W., Inc., Seattle, Wash. Canned salmon. 221,212; Jan. 12.
Smith, Jas., and Son (Redditch), Ltd., Redditch, England. Hand sewing needles. 217,186; Jan. 12.
Société Anonyme des Verreries Lorraines, Sarrebourg, France. Glassware. 224,161–3; Jan. 12.
Société des Forces Motrices de la Vallee D'Aspe, Paris, France. Aluminous crystallised abrasive in the raw state. 222,348; Jan. 12.
Southwestern Paint & Asphalt Company, Inc., Ardmore, Okla. Roofing paint and varnish. 221,514; Jan. 12.
Spencer-Duffy Company, Inc., The, Grand Rapids, Mich. Detachable fabric coverings for furniture, cushions, and pillows. 221,285; Jan. 12.
Staples Grocery Company, Inc., The, Richmond, Va. Condiments. 217,533; Jan. 12.
Stark Bro's. Nurseries & Orchards Company, Louisiana, Mo. Apples. 223,343; Jan. 12.
Statham, Noel, New York, N. Y. Tobacco pouches. 221,722; Jan. 12.
Stay-Tight Co. (See Laufe, H. Charles.)
Superior Glue Co., Chicago, Ill. Adhesive glue and cement. 214,188; Jan. 12.
Tailor's Cleaning Fluid Company, Incorporated, New York, N. Y. Dry-cleaning liquid. 222,414; Jan. 12.
Tiger Transmission Company, Seattle, Wash. Transmissions for automobiles and other motor vehicles. 222,529; Jan. 12.
Turner & Seymour Manufacturing Co., The, Torrington, Conn. Egg beaters and can openers. 218,585; Jan. 12.
Tusch, Ernest O., doing business as Home Malt Company, Minneapolis, Minn. Malt extract. 223,062; Jan. 12.
Twinplex Sales Company, St. Louis, Mo. Fountain lather or shaving brushes. 223,946; Jan. 12.
Unfried Barkhorn Co., Newark, N. J. Hosiery. 223,826; Jan. 12.
United Publishers Corporation, New York, N. Y. Section of a periodical trade publication. 222,417; Jan. 12.
Universal Pictures Corporation, New York, N. Y. Motion pictures. 223,263; Jan. 12.
Urbanski, Louis J., doing business as Saturn Mfg. Co., Buffalo, N. Y. Medicine and liniment. 223,827; Jan. 12.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Valentine, Charles F., Glenwood Springs, Colo. Mechanics' hand soap. 221,725; Jan. 12.
Venecin A. G. für Chemische Produkte, Berlin and Weimar, Germany. Mineral waters. 195,726; Jan. 12.
Victor Talking Machine Company, Camden, N. J. Talking machines and parts thereof and records for talking machines. 223,064; Jan. 12.
Vorsimer, Suskind Co., Inc., New York, N. Y. Men's neckties and cravats. 222,420; Jan. 12.
Wahl Company, The, Chicago, Ill. Fountain pens. 222,588; Jan. 12.
Wall Rope Works, Inc., New York, N. Y. Rope and cordage. 223,565; Jan. 12.
Ware Bros. Company, Philadelphia, Pa. Trade journal published annually. 222,532; Jan. 12.
Warner, Charles, Company, Wilmington, Del. Quick-setting plaster. 223,108; Jan. 12.
Wasserstrom, Nathan, doing business as N. Wasserstrom & Sons, Columbus, Ohio. Malt sirup. 222,769; Jan. 12.
Waubun Coal Company, Chicago, Ill. Coal. 222,055; Jan. 12.
Weiss, Bela, doing business as B. Weiss, Laboratories, Detroit, Mich. Auto and furniture polish. 190,221; Jan. 12.
Wertheim, A., Inc., New York, N. Y. Tables, chairs, and cabinets. 215,886; Jan. 12.
Wheatal Company, The, Bangor and Addison, Me. Cereal breakfast food. 222,720; Jan. 12.
Wichita Bottling Company. (See Carithers, Daniel J.)
Winchell Flour Company, The, Saginaw, Mich. Fried-cake flour. 204,988; Jan. 12.
Wyman, Partridge & Co., Minneapolis, Minn. Sateen in piece goods. 205,043; Jan. 12.
Youngstown Sheet and Tube Company, The, Youngstown, Ohio. Steel pipe. 222,534; Jan. 12.
Youngstown Sheet and Tube Company, The, Youngstown, Ohio. Steel pipe and pipe couplings. 222,536; Jan. 12.
Zeigler Canning & Preserving Company, Muscatine, Iowa. Canned vegetables. 221,679; Jan. 12.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Abrasive grains, Silicon-carbide. General Abrasive Company. 207,886; Jan. 12; Serial No. 210,230; published Oct. 6, 1925.
Clay. R. T. Vanderbilt Company. 207,792; Jan. 12; Serial No. 214,038; published Oct. 20, 1925.
Clay, Art. Mars-Stone Manufacturing Company. 207,842; Jan. 12; Serial No. 212,340; published Oct. 20, 1925.
Clay, Artists'. E. H. & A. C. Friedrichs Co. 207,758; Jan. 12; Serial No. 216,595; published Oct. 20, 1925.
Coal. M. J. Hornberger. 207,844; Jan. 12; Serial No. 212,686; published Oct. 27, 1925.
Coal, Soft. Woodworth Elevator Company. 207,808; Jan. 12; Serial No. 218,679; published Oct. 13, 1925.
Fire-kindling preparation. J. Dutton. 207,787; Jan. 12; Serial No. 213,626; published Oct. 13, 1925.
Foundry cores, Coating for. United States Graphite Co. 207,786; Jan. 12; Serial No. 213,412; published Oct. 27, 1925.
Grape vines, cuttings, scions, etc. Stark Bro's. Nurseries & Orchards Company. 52,113; renewed May 1, 1926.
Grape vines, cuttings, scions, grafts, etc. Stark Bro's. Nurseries & Orchards Company. 52,124; renewed May 1, 1926.
Leather. A. C. Lawrence Leather Company. 207,772; Oct. 6; Serial No. 218,363; published Oct. 6, 1925.
Leather. General Leather Company. 207,830; Jan. 12; Serial No. 201,807; published Oct. 27, 1925.
Leather. A. C. Lawrence Leather Company. 207,811; Jan. 12; Serial No. 219,126; published Oct. 27, 1925.
Leather. North American Anolin Corporation. 207,804; Jan. 12; Serial No. 215,702; published Oct. 27, 1925.
Moss, Vegetable Spanish. Vego-Hair Manufacturing Co. 207,780; Jan. 12; Serial No. 217,648; published Oct. 6, 1925.
Seed, Grass. L. Carrier. 207,755; Jan. 12; Serial No. 216,146; published Oct. 20, 1925.
Seeds. H. E. Conklin. 52,905; renewed May 22, 1926.
Sheepskins. Richard Young Company. 52,818; renewed May 15, 1926.
Sponges, Soap. B. L. Henry. 207,831; Jan. 12; Serial No. 202,013; published Oct. 27, 1925.

CLASS 4.

Chemicals for cleaning clothing. Laadt Corporation. 207,781; Jan. 12; Serial No. 217,567; published Oct. 27, 1925.
Detergent preparation. Holzapfel's Compositions Company. 49,859; renewed Feb. 20, 1926.
Dressing, Shoe. Geo. E. Keith Company. 53,001; renewed May 22, 1926.
Soap. Monahan Antiseptic Co. 52,933; renewed May 22, 1926.
Soaps. Mott Mfg. Co. 207,776; Jan. 12; Serial No. 218,132; published Oct. 27, 1925.

CLASS 5.

Gums, sizings, and pastes. Huron Milling Company. 207,960; Jan. 12; Serial No. 198,746; published Dec. 9, 1924.

CLASS 6.

Aspirin. Rigo Manufacturing Company. 208,010; Jan. 12.
Chemical composition for cleaning drainpipes, etc. Hooker Electrochemical Company. 207,806; Jan. 12; Serial No. 218,640; published Oct. 27, 1925.
Chemical compositions for cleaning drainpipes, sewers, etc. Hooker Electrochemical Company. 207,870; Jan. 12; Serial No. 218,640; published Oct. 27, 1925.
Compound for exterminating vermin. E. A. Murray. 52,157; renewed May 1, 1926.
Compounds, Boiler. Arrow Boiler Compound Company. 48,410; renewed Dec. 26, 1925.
Creams, almond lotion, hair shampoo, etc., Vanishing and cleansing. National Toilet Company. 207,819; Jan. 12; Serial No. 219,404; published Oct. 27, 1925.
Depilatory. Lucille Buhl, Inc. 207,814; Jan. 12; Serial No. 219,223; published Oct. 27, 1925.
Disinfectant. Corona Chemical Company. 207,850; Jan. 12; Serial No. 202,244; published Dec. 16, 1924.
Fire-extinguishing compound. H. A. Draun. 208,000; Jan. 12.
Headache remedy. Stanback Medicine Co. 208,001; Jan. 12.
Liniment. P. L. Hoover & Bros. 50,788; renewed Mar. 27, 1926.
Liniments. S. E. Griffin. 207,992; Jan. 12.
Medicinal preparation. Ehro-Sulfur Laboratories Inc. 207,760; Jan. 12; Serial No. 216,670; published Oct. 6, 1925.
Medicine for colds and stomach troubles. Giesecke & Son Co. 207,999; Jan. 12.
Medicine for venereal diseases. T. I. Hurst & Sons. 207,994; Jan. 12.
Ointment. Nep Products Company. 207,852; Jan. 12; Serial No. 213,028; published July 21, 1925.
Pills for liver and bowel complaints. B. T. Davis. 53,068; renewed May 22, 1926.
Powders, creams, and packs, toilet waters, rouzhes, etc., Face. Betty Faye Co. 207,993; Jan. 12.
Remedy for catarrh, hay fever, and cold in the head. Home Remedy Co. 51,350; renewed Apr. 10, 1926.
Remedy, Liver. A. C. Simmons Jr. Medicine Co. 51,490; renewed Apr. 17, 1926.
Rodent exterminator. Hygienic Sanitation Company. 207,990; Jan. 12.
Salt. Remington Salt Company. 207,807; Jan. 12; Serial No. 218,661; published Oct. 27, 1925.
Salves. O. H. C. Frisch. 208,011; Jan. 12.
Scalp and in the treatment of the hair, Greaselike substances used in the treatment of and as nourishment for the. E. V. Powell. 208,007; Jan. 12.
Toilet water. Eugene Berninghaus Company. 207,813; Jan. 12; Serial No. 219,218; published Oct. 27, 1925.
Tonics. Katharman Chemical Co. 49,525; renewed Feb. 6, 1926.

CLASS 7.

Cords, linea, twines, and ropes. Silver Lake Company. 52,375–6; renewed May 8, 1926.
Ropes, Wire. A. Leschen & Sons Rope Co. 49,139; renewed Jan. 28, 1926.
Warps, Carpet. J. E. Reynolds. 52,373; renewed May 8, 1926.

CLASS 8.

Cigar holders, pipes, ash receivers, etc. Otto Eisenlohr & Bros. Incorporated. 207,964; Jan. 12; Serial No. 194,986; published Oct. 27, 1925.

CLASS 9.

Dynamite, dynamite cartridges, blasting gelatin, and low powder. Aetna Powder Co. 51,706; renewed Apr. 24, 1926.
Matches. General Match Company. 207,906; Jan. 12; Serial No. 218,698; published Oct. 27, 1925.
Revolvers and pistols. Smith and Wesson, Inc. 207,951; Jan. 12; Serial No. 214,828; published Oct. 27, 1925.
Squibs, Miners'. J. Powell. 207,946; Jan. 12; Serial No. 220,295; published Oct. 27, 1925.

CLASS 10.

Fertilizer, Bone. F. S. Royster Guano Co. 52,845; renewed May 22, 1926.

CLASS 12.

Brick, Fire. Savage Mountain Fire Brick Company. 207,965; Jan. 12; Serial No. 191,587; published Jan. 27, 1925.
Cement, Portland. San Antonio Portland Cement Co. 207,805; Jan. 12; Serial No. 215,755; published Oct. 20, 1925.
Doors, Veneered, laminated, or built-up. Wheeler, Osgood Company. 207,798; Jan. 12; Serial No. 215,493; published Oct. 20, 1925.
Doors, windows, and moldings, Interior trim for. Frederick J. Bruce, Inc. 207,770; Jan. 12; Serial No. 218,466; published Oct. 13, 1925.
Ironing boards, Cabinet. National Mill & Lumber Company. 207,838; Jan. 12; Serial No. 211,117; published Oct. 20, 1925.
Lumber, Artificial. Compo-Board Co. 207,779; Jan. 12; Serial No. 217,758; published Oct. 20, 1925.
Plastic preparation. Harrison White, Inc. 207,843; Jan. 12; Serial No. 212,435; published Oct. 20, 1925.
Ply-wood panels and dimension veneer. Atlas Plywood Corporation. 208,004; Jan. 12.
Shingles, Wooden. C. A. Mauk Lumber Co. 207,995; Jan. 12.
Stairways, Sliding-. Farley & Loetscher Mfg. Co. 207,766; Jan. 12; Serial No. 217,077; published Oct. 27, 1925.

CLASS 13.

Bottle opener and nozzle, Combined. R. P. Pickering. 207,889; Jan. 12; Serial No. 211,290; published Oct. 27, 1925.
Screw-threaded brass fittings. Wolverine Brass Works. 207,826; Jan. 12; Serial No. 220,381; published Oct. 27, 1925.
Securing expansions and anchors, nails, etc. Diamond Expansion Bolt Co. 207,763; Jan. 12; Serial No. 216,889; published Oct. 27, 1925.
Strainers and valves. J. S. & J. F. String Incorporated. 207,869; Jan. 12; Serial No. 218,507; published Oct. 27, 1925.
Tubs, lavatories, sinks, etc., Bath and laundry. S. S. Spencer Co. 207,828; Jan. 12; Serial No. 200,531; published Oct. 27, 1925.

CLASS 14.

Metals and metal castings and forgings. Nobel Industries, Limited. 207,816; Jan. 12; Serial No. 219,299; published Oct. 27, 1925.
Steel and steel bars, rods, and sheets, Tool. Hawkridge Brothers. 51,349; renewed Apr. 10, 1926.

CLASS 15.

Gasoline. Carbide & Carbon Chemicals Corporation. 207,894; Jan. 12; Serial No. 219,227; published Oct. 20, 1925.
Gasoline. Johnson High Test Oil Company. 207,910; Jan. 12; Serial No. 218,361; published Oct. 27, 1925.
Gasoline. Ozark Oil Corporation. 207,883; Jan. 12; Serial No. 218,520; published Oct. 27, 1925.
Gasoline. Westbrook Tank Line Co. 207,873; Jan. 2; Serial No. 217,000; published Oct. 20, 1925.
Gasoline, kerosene, and lubricating oils. Martin County Co-Op. Oil Company. 207,916; Jan. 12; Serial No. 217,939; published Oct. 27, 1925.
Gasoline, kerosene, benzol, lubricating oils and greases. Cardinal Petroleum Company. 207,986; Jan. 12; Serial No. 215,892; published Oct. 20, 1925.
Gasoline, kerosene, lubricating oils and greases. Sherrill Oil Company. 207,885; Jan. 12; Serial No. 218,931; published Oct. 27, 1925.
Oil compound. Damascus Manufacturing Corporation. 207,875; Jan. 12; Serial No. 217,136; published Oct. 20, 1925.
Oil, Lubricating. Columbia Oil Company. 207,890; Jan. 12; Serial No. 219,028; published Oct. 27, 1925.
Oil, Lubricating. F. S. Lyndall. 207,887; Jan. 12; Serial No. 218,979; published Oct. 20, 1925.
Oils and greases, Lubricating. Brownell Corporation. 207,921; Jan. 12; Serial No. 197,358; published Mar. 3, 1925.
Oils and machine lubricants, Motor. White & Bagley Company. 207,878; Jan. 12; Serial No. 217,691; published Oct. 20, 1925.
Petroleum products. W. H. Barber Company. 207,884; Jan. 12; Serial No. 218,786; published Oct. 27, 1925.

CLASS 16.

Art materials. Feldmann Fine Arts Co. 207,956; Jan. 12; Serial No. 203,804; published Oct. 27, 1925.
Auto renewer. L. G. Zachos. 207,889; Jan. 12; Serial No. 219,021; published Oct. 20, 1925.
Carbon black. Binney & Smith Company. 207,879; Jan. 12; Serial No. 217,856; published Oct. 20, 1925.
Enameling compound. Metal & Thermit Corporation. 207,959; Jan. 12; Serial No. 201,503; published Oct. 27, 1925.
Paint, Enamel. McDougall-Butler Co. 207,905; Jan. 12; Serial No. 218,711; published Oct. 27, 1925.
Paint enamel. J. L. Prescott Company. 207,855; Jan. 12; Serial No. 213,858; published Oct. 20, 1925.
Paint, Red. F. O. Pierce Company. 51,967; renewed May 1, 1920.
Paints. Baker Paint & Varnish Co. 207,856; Jan. 12; Serial No. 213,886; published Oct. 20, 1925.
Paints, House. Pimbley Paint & Glass Co. 52,338; renewed May 8, 1926.
Paints, Mixed. John W. Masury & Son. 52,699; renewed May 15, 1926.
Paints, paint enamels, wood stains, etc. Patterson-Sargent Company, The. 207,915; Jan. 12; Serial No. 218,018; published Oct. 27, 1925.
Paints, varnish stains, prepared shellacs, etc., Ready-mixed house. Scott-Sullivan Paint Co. 207,880; Jan. 12; Serial No. 217,901; published Oct. 20, 1925.
Polish. Willesen Manufacturing Company. 207,911; Jan. 12; Serial No. 218,347; published Oct. 27, 1925.
Polish and refinisher, Auto and furniture. Young & Sullivan. 207,979; Jan. 12; Serial No. 211,732; published Oct. 20, 1925.
Stain and filler for wood, Liquid oil. A. M. Padmore. 207,847; Jan. 12; Serial No. 190,516; published Oct. 20, 1925.
Varnishes, Preservative and insulating. Standard Paint Company. 51,456; renewed Apr. 17, 1926.

CLASS 19.

Airplanes. Travel Air Manufacturing Co. 207,817; Jan. 12; Serial No. 219,313; published Oct. 27, 1925.
Automobile running-board treads. Rubber-On-Metal Welding Corporation. 207,789; Jan. 12; Serial No. 213,922; published Oct. 20, 1925.
Automobiles, Stop plates, kick or scuff plates, and body or protection rails for. O. C. Ritz-Woller. 207,827; Jan. 12; Serial No. 195,728; published Oct. 27, 1925.
Motor vehicles. Ajax Motors Company. 207,796; Jan. 12; Serial No. 215,328; published Oct. 20, 1925.
Radiator caps. Laurence A. Sweet Manufacturing Company. 207,799–803; Jan. 12; Serial Nos. 215,602–6; published Oct. 20, 1925.
Tire holders. H. M. Freedman. 207,756; Jan. 12; Serial No. 216,337; published Oct. 6, 1925.
Truck bodies, Automatic dumping automobile. Easton Car & Construction Company. 207,775; Jan. 12; Serial No. 218,170; published Oct. 6, 1925.

CLASS 20.

Floor coverings of the oilcloth type. Armstrong Cork Company. 208,008; Jan. 12.

CLASS 21.

Insulated wire and adhesive tapes. New York Insulating Wire Company. 52,337; renewed May 8, 1926.
Lightning rods. Dodd & Struthers. 49,586; renewed Feb. 13, 1926.
Telegraph keys or transmitters. J. H. Bunnell & Company. 207,987; Jan. 12; Serial No. 200,480; published Oct. 13, 1925.
Telegraph keys or transmitters. J. H. Bunnell & Company. 207,988; Jan. 12; Serial No. 210,950; published Oct. 13, 1925.

CLASS 22.

Fish bait, Spinners for artificial. Enterprise Manufacturing Company. 207,996; Jan. 12.

CLASS 23.

Cigar and cigarette making machines, packing machines, etc. Aktiebolaget Formator. 207,841; Jan. 12; Serial No. 212,313; published Oct. 27, 1925.
Dishwashing appliances. Darlo Company. 207,794; Jan. 12; Serial No. 214,463; published Oct. 27, 1925.
Knitting machines and needles for and parts of knitting machines. Edouard Dubied & Cie. Société Anonyme. 207,769; Jan. 12; Serial No. 217,266; published Oct. 27, 1925.
Printing press. Tribune Company. 207,771; Jan. 12; Serial No. 218,438; published Oct. 27, 1925.
Sawing machines, Wood-. Cook-Lewis Foundry Company. 207,752; Jan. 12; Serial No. 215,969; published Oct. 27, 1925.

CLASS 25.

Stencils, Machines for cutting. Diagraph Company. 50,914; renewed Apr. 3, 1926.
Safes. Herring-Hall-Marvin Safe Company. 52,827; renewed May 22, 1926.

CLASS 26.

Photographic plates and films. Lignosefilm G. m. b. H. 207,867–8; Jan. 12; Serial Nos. 218,494–5; published Oct. 27, 1925.
Weighing apparatus. Merrick Scale Mfg. Company. 207,896; Jan. 12; Serial No. 219,977; published Nov. 3, 1925.
Toothbrushes. Florence Manufacturing Company. 52,808; renewed May 15, 1926.

CLASS 29.

Toothbrushes. L. Stamm. 207,931; Jan. 12; Serial No. 218,881; published Oct. 13, 1925.

CLASS 30.

Chinaware and china dinner sets. Hartman Furniture & Carpet Co. 207,957; Jan. 12; Serial No. 202,869; published Oct. 27, 1925.

Table earthenware. Johnson Brothers, (Hanley) Limited. 207,950; Jan. 12; Serial No. 215,515; published Oct. 27, 1925.

CLASS 32.

Chairs, sofas, settees, davenports, and office couches. Taylor Chair Company. 207,754; Jan. 12; Serial No. 216,125; published Oct. 27, 1925.
Mattresses. Simmons Company. 207,821; Jan. 12; Serial No. 219,807; published Oct. 27, 1925.
Mattresses. C. W. White. 52,736; renewed May 15, 1926.
Radiocabinets. Sherman Radio Manufacturing Corporation. 207,782; Jan. 12; Serial No. 217,484; published Oct. 27, 1925.
Store furniture. J. F. Kelly. 207,753; Jan. 12; Serial No. 216,050; published Oct. 27, 1925.

CLASS 34.

Cookstoves, Gas and coal. Chip-O-Tato Corporation of America. 207,767; Jan. 12; Serial No. 217,257; published Oct. 6, 1925.
Hot-water heaters and storage systems. Pittsburg Water Heater Company. 207,832; Jan. 12; Serial No. 202,077; published Oct. 6, 1925.
Oil-burning equipment. Staples & Pfeiffer. 207,797; Jan. 12; Serial No. 215,482; published Oct. 27, 1925.
Ranges, furnaces, boilers, stoves, etc. M. A. Peacard. 207,845; Jan. 12; Serial No. 212,960; published Oct. 13, 1925.
Register tops. Tuttle & Bailey Manufacturing Company. 207,773; Jan. 12; Serial No. 218,343; published Oct. 6, 1925.
Stoves and ranges, Cooking. Tennessee Stoves Works. 207,784; Jan. 12; Serial No. 217,428; published Oct. 20, 1925.
Stoves, ranges, and furnaces, Coal and gas. Waverly Heating Supply Company. 207,790; Jan. 12; Serial No. 213,939; published Oct. 27, 1925.

CLASS 35.

Brake liners. Anderson, Doolittle & Doolittle. 207,983; Jan. 12; Serial No. 213,824; published Oct. 20, 1925.
Tires. F. C. Roegge. 207,778; Jan. 12; Serial No. 218,088; published Oct. 27, 1925.

CLASS 37.

Manifolding devices. Philip Hano & Co. 52,021; renewed May 1, 1926.
Paper and envelopes. F. A. Flinn. 51,027; renewed Apr. 3, 1926.
Paper and envelopes. F. A. Flinn. 52,391; renewed May 22, 1926.
Paper, Bond. Appleton Coated Paper Company. 207,751; Jan. 12; Serial No. 215,958; published Oct. 27, 1925.
Paper mailing envelopes, portfolios, and wallets. M. Stark. 207,840; Jan. 12; Serial No. 211,956; published Oct. 27, 1925.
Pencils. A. S. Biyantfabriken Viking. 207,833; Jan. 12; Serial No. 202,690; published Oct. 27, 1925.
Pens, Fountain. Boston Fountain Pen Company. 46,736; renewed Oct. 8, 1925.
Wraps for fruit, Oil-treated. Hawley Pulp and Paper Company. 207,809; Jan. 12; Serial No. 218,812; published Oct. 27, 1925.

CLASS 38.

Circulars and publications, Printed. Live Stock Exchange Inc. 207,829; Jan. 12; Serial No. 201,570; published Oct. 27, 1925.

CLASS 39.

Aprons, Rubber. E. H. Philpott. 207,757; Jan. 12; Serial No. 216,428; published Oct. 27, 1925.
Belts and garters. Enterprise Belt Mfg. Co. 207,904; Jan. 12; Serial No. 218,801; published Oct. 27, 1925.
Boots and shoes. B. F. Goodrich Company. 207,989; Jan. 12; Serial No. 217,508; published Oct. 13, 1925.
Boots and shoes, Leather. Holland Shoe Co. 207,902; Jan. 12; Serial No. 218,972; published Oct. 27, 1925.
Boots and shoes, Welting for. Barbour Welting Company. 207,961; Jan. 12; Serial No. 198,047; published Aug. 18, 1925.
Boots, shoes, and slippers and hosiery. B. Lewis. 207,903; Jan. 12; Serial No. 218,923; published Oct. 27, 1925.
Boots, shoes, and slippers, Men's and boys' leather. James A. Banister Company. 52,911; renewed May 22, 1926.
Caps. American Cap Manufacturing Co. 207,914; Jan. 12; Serial No. 218,037; published Oct. 27, 1925.
Clothing, Women's, girls', and misses'. General Import & Export Trading Co. 207,963; Jan. 12; Serial No. 195,278; published Nov. 18, 1924.
Coats, vests, hats, dresses, shirts, etc. Abraham & Straus, Inc. 207,837; Jan. 12; Serial No. 210,429; published Oct. 27, 1925.
Coats, vests, pantaloons, etc. Perry & Co. 52,782; renewed May 15, 1926.
Coats, vests, trousers, and knickerbockers. Frankel Bros. 207,795; Jan. 12; Serial No. 214,720; published Oct. 27, 1925.
Coats, Women's. R. C. Skinner. 207,788; Jan. 12; Serial No. 213,745; published Oct. 27, 1925.
Corsets. H. W. Gossard Co. 207,874; Jan. 19; Serial No. 217,025; published Oct. 13, 1925.
Corsets. Mabley and Carew Co. 207,939; Jan. 12; Serial No. 219,751; published Oct. 20, 1925.
Cravats, Men's. Berkman & Adler. 207,871; Jan. 12; Serial No. 215,964; published Sept. 1, 1925.
Garment, Combination. Model Brassiere Co. 207,932; Jan. 12; Serial No. 218,984; published Oct. 6, 1925.
Garters. Mishawaka Rubber and Woolen Manufacturing Company. 207,949; Jan. 12; Serial No. 215,585; published Oct. 13, 1925.
Gloves. Abraham & Straus. 52,652; renewed May 15, 1926.
Gowns, women's coats, dresses, skirts, and waists. Timgad Company. 207,818; Jan. 12; Serial No. 219,357; published Oct. 27, 1925.
Hats and caps, Men's and boys'. Grass-Grossinger Company. 207,891; Jan. 12; Serial No. 219,031; published Oct. 6, 1925.
Hats for women and misses. Hyland Bros. Company. 207,926; Jan. 12; Serial No. 218,124; published Oct. 6, 1925.
Hats, Ladies'. J. Parker. 207,892; Jan. 12; Serial No. 219,043; published Oct. 20, 1925.
Hats, Ladies'. Ernest L. Rhodes Company. 207,761; Jan. 12; Serial No. 216,847; published Oct. 6, 1925.
Hats, Ladies' and misses'. L. Jonas & Co. 207,917; Jan. 12; Serial No. 217,935; published Oct. 27, 1925.
Hats, Men's and boys'. Frank H. Lee Company. 207,936; Jan. 12; Serial No. 219,486; published Oct. 20, 1925.
Heels, Rubber. Essex Rubber Company. 207,928; Jan. 12; Serial No. 218,543; published Oct. 6, 1925.
Hose supporters. Ivory Garter Company. 207,975; Jan. 12; Serial No. 201,034; published Oct. 20, 1925.
Hosiery. G. H. Barlage Co. 207,998; Jan. 12.
Hosiery. Consolidated Glove & Hosiery Corp. 207,762; Jan. 12; Serial No. 216,713; published Oct. 27, 1925.
Insoles and leather shoe linings, Leather. Beggs & Cobb, Incorporated. 207,981; Jan. 12; Serial No. 212,057; published Oct. 20, 1925.
Mittens and gloves. C. D. Osborn Co. 207,853–4; Jan. 12; Serial Nos. 213,855–6; published Oct. 20, 1925.
Mittens and gloves. C. D. Osborn Co. 207,858; Jan. 12; Serial No. 214,677; published Oct. 20, 1925.
Putties and riding boots. Colt-Cromwell Company. 207,924; Jan. 12; Serial No. 217,697; published Oct. 6, 1925.
Shoes. I. E. Fink. 207,882; Jan. 12; Serial No. 218,456; published Oct. 13, 1925.
Shoes. O'Donnell Shoe Company. 207,857; Jan. 12; Serial No. 214,379; published Oct. 20, 1925.
Shoes. Benjamin Rothman, Inc. 207,893; Jan. 12; Serial No. 219,142; published Oct. 20, 1925.
Shoes and overshoes. I. Miller & Sons. 207,864; Jan. 12; Serial No. 217,035; published Oct. 6, 1925.
Shoes and slippers. Saks & Company. 207,997; Jan. 12.
Shoes and slippers. Samuels Shoe Company. 207,866; Jan. 12; Serial No. 217,637; published Oct. 6, 1925.
Shoes, Leather. A. W. Tedcastle Company. 207,934; Jan. 12; Serial No. 219,212; published Oct. 6, 1925.
Shoes, Women's. Craddock Terry Company. 207,976; Jan. 12; Serial No. 201,609; published Oct. 13, 1925.
Slippers. S. Goldberg & Co. 207,851; Jan. 12; Serial No. 207,562; published Mar. 17, 1925.
Soles, Kistler Leather Company. 207,862; Jan. 12; Serial No. 216,411; published Oct. 13, 1925.
Soles for footwear. Firestone-Apsley Rubber Company. 207,974; Jan. 12; Serial No. 200,812; published Oct. 13, 1925.
Suits and overcoats for men. Pauson & Company. 207,765; Jan. 12; Serial No. 217,045; published Oct. 27, 1925.
Suits and overcoats, Outer. M. Golden. 207,984; Jan. 12; Serial No. 214,334; published Oct. 13, 1925.
Suits, Boys'. H. A. Seinsheimer. 51,588; renewed Apr. 17, 1926.
Underwear, Knitted. Glastonbury Knitting Company. 48,042; renewed Dec. 5, 1925.
Underwear, Knitted. Glastonbury Knitting Company. 49,768; renewed Feb. 13, 1926.

CLASS 42.

Cotton and wool fabrics in the piece, Printed. Cavanaugh Whiting Co. 207,929; Jan. 12; Serial No. 218,606; published Oct. 27, 1925.
Cotton, cotton and silk, and cotton, silk, and wool, etc., piece goods. Cohn-Hall-Marx Co. 207,919; Jan. 12; Serial No. 218,001; published Oct. 27, 1925.
Cotton piece goods. I. Gelbtrunk. 52,093; renewed May 1, 1926.
Cotton, silk, and imitation silk fabrics in the piece. Worth Textile Co. 207,860; Jan. 12; Serial No. 215,225; published Oct. 27, 1925.
Cotton, wool, and silk piece goods and combinations of the same. John Mawson Hair Cloth Co. 207,945; Jan. 12; Serial No. 220,291; published Oct. 27, 1925.
Domestics, Bleached. M. Haiff & Bro. 207,944; Jan. 12; Serial No. 220,232; published Oct. 27, 1925.
Fabrics made of worsted and wool yarn. H. Ernstberger & Co. 207,948; Jan. 12; Serial No. 216,267; published Oct. 27, 1925.

Hair nets. National Commodities Sales Corporation. 207,899; Jan. 12; Serial No. 219,490; published Oct. 27, 1925.
Hair nets. S. H. Rubenstein. 207,942; Jan. 12; Serial No. 219,848; published Oct. 27, 1925.
Poplin piece goods, Cotton. Marshall Field & Company. 207,930; Jan. 12; Serial No. 218,620; published Oct. 27, 1925.
Rayon, (artificial silk) knitted materials in the piece. M. Lubin. 207,947; Jan. 12; Serial No. 220,348; published Oct. 27, 1925.
Sheets, pillowcases, bedspreads, etc. Cold Blast Feather Company. 207,966; Jan. 12; Serial No. 185,815; published Oct. 27, 1925.
Silk and cotton in the piece. Wm. Simpson, Sons & Co. 207,943; Jan. 12; Serial No. 219,915; published Oct. 27, 1925.
Silk and satin piece goods. William Skinner Manufacturing Co. 46,210; renewed Sept. 12, 1925.
Silk goods in the piece. Louis Roessel & Co. 207,898; Jan. 12; Serial No. 219,540; published Nov. 3, 1925.
Silks and pile fabrics, rugs, and draperies, etc. National Department Stores Inc. 207,849; Jan. 12; Serial No. 200,508; published Oct. 27, 1925.
Voiles, Single-ply yarn cotton. Warwick Mills. 207,937; Jan. 12; Serial No. 219,461; published Oct. 27, 1925.
Voiles, Two-ply yarn cotton. Warwick Mills. 207,900–1; Jan. 12; Serial Nos. 219,462–3; published Oct. 27, 1925.
Woolen and worsted fabrics in the piece. Detmer, Bruner & Mason, Inc. 207,863; Jan. 12; Serial No. 217,014; published Oct. 27, 1925.
Woolen cloth. Talbot Mills. 52,742; renewed May 15, 1926.
Worsted fabrics, Woven. William F. Read & Sons Co. 207,935; Jan. 12; Serial No. 219,302; published Oct. 27, 1925.

CLASS 43.

Thread, Cotton. Societe en Commandite Maurice Frings & Cie. 207,967; Jan. 12; Serial No. 177,574; published Oct. 27, 1925.
Threads, Sewing. Insulating Materials Company. 207,918; Jan. 12; Serial No. 217,620; published Oct. 27, 1925.

CLASS 44.

Bedpans, disinfecting kettles, irrigators, etc. Aktiebolaget Separator. 207,759; Jan. 12; Serial No. 216,663; published Oct. 27, 1925.
Bunion protectors, bunion, corn, and callus shields. Pedox Produx, Inc. 207,785; Jan. 12; Serial No. 217,290; published Oct. 27, 1925.
Deaf persons, Instruments and apparatus for the aid of. R. H. Dent. 207,822; Jan. 12; Serial No. 219,817; published Oct. 27, 1925.
Dental equipment. Electro Dental Manufacturing Co. 207,823–4; Jan. 12; Serial Nos. 220,221–2; published Oct. 27, 1925.
Lather forming and applicating apparatus. H. H. Hevenor. 207,812; Jan. 12; Serial No. 219,184; published Oct. 27, 1925.
Massage devices. Frances Jordan, Incorporated. 207,750; Jan. 12; Serial No. 217,279; published Oct. 27, 1925.
Massage machines and violet-ray apparatus. Halliwell Electric Co. 207,835; Jan. 12; Serial No. 208,049; published Oct. 27, 1925.
Nursing bottles. W. M. Decker. 48,455; renewed Jan. 2, 1926.
Rubber pants and sanitary bloomers, Infants'. Omo Manufacturing Company. 207,820; Jan. 12; Serial No. 219,445; published Oct. 27, 1925.
Syringes, Hypodermic. Popper & Klein. 207,825; Jan. 12; Serial No. 220,321; published Oct. 27, 1925.

CLASS 46.

Biscuits. Independent Baking Company. 208,002; Jan. 12.
Biscuits and cakes. Huntley Palmers, Ltd. 51,767; renewed Apr. 24, 1926.
Bread. Oswald Jaeger Baking Company. 207,881; Jan. 12; Serial No. 218,184; published Oct. 20, 1925.
Bread. Notari Bros. 207,872; Jan. 5; Serial No. 216,113; published Oct. 20, 1925.
Breads, Cambern Brothers. 207,861; Jan. 12; Serial No. 215,504; published Oct. 20, 1925.
Butter. Piedmont Creamery Company. 207,824; Jan. 12; Serial No. 200,366; published Oct. 20, 1925.
Butter, coffee, canned baked beans, etc. Ginter Company. 207,908; Jan. 12; Serial No. 179,530; published June 3, 1924.
Butter, eggs, cheese, and dressed poultry. George F. Hinrichs, Inc. 207,991; Jan. 12.
Cake, Chocolate-coated fruit. Associated Laboratories, Inc. 207,923; Jan. 12; Serial No. 217,692; published Oct. 20, 1925.
Candies. O. P. Catsigianis. 207,913; Jan. 12; Serial No. 218,049; published Oct. 20, 1925.
Candy. Brandle & Smith Co. 52,005; renewed May 1, 1926.
Candy. W. Brownley. 52,438; renewed May 8, 1926.
Candy, Chewing. Hawley & Hoops. 207,985; Jan. 12; Serial No. 214,660; published Oct. 27, 1925.
Canned oysters, fish, clams, crabs, shrimp, and lobsters. A. Booth and Company. 50,030; renewed Feb. 27, 1926.
Canned salmon. Alaska Salmon Company. 207,978; Jan. 12; Serial No. 210,777; published Oct. 27, 1925.
Canned vegetables. M. M. Kroh. 207,895; Jan. 12; Serial No. 219,747; published Oct. 27, 1925.
Caramels and candies. American Caramel Co. 51,915; renewed Apr. 24, 1926.
Coffee. Canby, Ach & Canby Co. 208,009; Jan. 12.
Cookies, Fruit. Sunnyklime Food Products Co. 207,988; Jan. 12; Serial No. 219,152; published Oct. 27, 1925.
Cooky cakes. Perfection Biscuit Company. 207,940; Jan. 12; Serial No. 219,700; published Oct. 27, 1925.
Feed, Stock. Moorman Mfg. Co. 207,848; Jan. 12; Serial No. 200,403; published Oct. 20, 1925.
Flour, Cake. Sperry Flour Company. 207,922; Jan. 12; Serial No. 219,787; published Oct. 27, 1925.
Flour, Durum-wheat. Washburn Crosby Company. 207,952; Jan. 12; Serial No. 213,869; published Oct. 27, 1925.
Flour, Wheat. Goerz Flour Mills Company. 207,925; Jan. 12; Serial No. 217,872; published Oct. 20, 1925.
Flour, Wheat. Highland Milling Company. 207,877; Jan. 12; Serial No. 217,617; published Oct. 13, 1925.
Flour, Wheat. International Milling Company. 207,909; Jan. 12; Serial No. 218,462; published Oct. 27, 1925.
Flour, Wheat. Louisville Milling Company. 207,886; Jan. 12; Serial No. 218,978; published Oct. 20, 1925.
Flour, Wheat. Minneapolis Milling Company. 207,865; Jan. 12; Serial No. 217,283; published Oct. 20, 1925.
Flour, Wheat. Sims Milling Company. 207,920; Jan. 12; Serial No. 217,903; published Oct. 20, 1925.
Flour, Wheat. South Georgia Produce Company. 207,941; Jan. 12; Serial No. 219,785; published Oct. 27, 1925.
Flour, Wheat. Star and Crescent Milling Company. 207,888; Jan. 12; Serial No. 219,016; published Oct. 20, 1925.
Flour, Wheat. Washburn Crosby Company. 207,927; Jan. 12; Serial No. 218,511; published Oct. 6, 1925.
Flour, Wheat self-rising. Fowler Commission Co. 207,859; Jan. 12; Serial No. 214,718; published Oct. 20, 1925.
Food compound. Citizens Wholesale Supply Co. 207,907; Jan. 12; Serial No. 218,540; published Oct. 27, 1925.
Food (molasses) not medicated, Prepared stock. A. Kaplan. 207,783; Jan. 12; Serial No. 217,465; published Oct. 27, 1925.
Foods, Animal. A. W. Scott Company. 207,962; Jan. 12; Serial No. 195,542; published Sept. 15, 1925.
Fruits, Citrous. Frostproof Citrus Growers Assn. 207,969; Jan. 12; Serial No. 187,415; published Oct. 27, 1925.
Gelatin and sugar for quick desserts, Mixture of. Citizens' Wholesale Supply Co. 207,908; Jan. 12; Serial No. 218,539; published Oct. 27, 1925.
Grapes, Fresh. P. P. Felix Rimpler & Cia. 207,970; Jan. 12; Serial No. 189,011; published Mar. 10, 1925.
Hams, bacon, sausage, and lard. Phillips Genuine Sausage Co. 207,972; Jan. 12; Serial No. 198,249; published Sept. 9, 1924.
Ice cream. Campbell's Ice Cream Factory, Ltd. 207,953; Jan. 12; Serial No. 211,974; published Oct. 27, 1925.
Malt sirup, Nonalcoholic. Consumers Products Co. 207,958; Jan. 12; Serial No. 202,846; published Oct. 27, 1925.
Mayonnaise dressing. Three Girls Home Food Products. 207,973; Jan. 12; Serial No. 199,587; published Oct. 27, 1925.
Meat extracts and essences, canned and bottled soups, etc. Brand & Company. 207,954; Jan. 12; Serial No. 211,453; published Oct. 27, 1925.
Melons. H. S. Speich. 207,971; Jan. 12; Serial No. 189,276; published Sept. 30, 1924.
Milk, Evaporated. Meyenberg Evaporated Milk Co. 207,912; Jan. 12; Serial No. 218,269; published Oct. 27, 1925.
Oil, Olive. C. Trafficante Bros. 208,008; Jan. 12.
Oil, Vegetable. Krum Bros. 207,793; Jan. 12; Serial No. 214,167; published Oct. 20, 1925.
Oranges, lemons, and grapefruit. Upland Lemon Growers Association. 207,962; Jan. 12; Serial No. 212,979; published Oct. 27, 1925.
Oysters, Raw. Salisbury Packing Co. 207,876; Jan. 12; Serial No. 217,585; published Oct. 27, 1925.
Paté de foie gras, canned soups, and noodles. Zucca's Restaurant, Inc. 208,006; Jan. 12.
Pretzels. D. F. Stauffer Biscuit Co. 207,933; Jan. 12; Serial No. 219,690; published Oct. 27, 1925.
Sausage. J. S. Hoffman Company. 207,977; Jan. 12; Serial No. 204,910; published Oct. 27, 1925.
Sugar, Powdered. A. M. Q. Syme. 207,980; Jan. 12; Serial No. 213,959; published Oct. 13, 1925.
Tarts, cakes, and meringues, Coatings for fruit. Adolf J. Mainzer, Inc. 207,897; Jan. 12; Serial No. 219,541; published Oct. 27, 1925.
Tea, coffee, rice, spaghetti, etc. Great American Tea Company. 207,955; Jan. 12; Serial No. 209,402; published Oct. 27, 1925.

CLASS 49.

Whisky. A. P. Hotaling & Co. 51,541; renewed Apr. 17, 1926.

CLASS 50.

Awnings, tents, window shades, etc. A. T. Dize. 207,768; Jan. 12; Serial No. 217,263; published Oct. 20, 1925.
Felting, Cotton. Hamilton Felting Company. 207,791; Jan. 12; Serial No. 213,970; published Oct. 6, 1925.
Ladders. Goshen Manufacturing Company. 207,764; Jan. 12; Serial No. 217,023; published Oct. 6, 1925.
Leg bands for fowls. M. Bayerdorffer. 207,777; Jan. 12; Serial No. 218,087; published Oct. 6, 1925.
Monuments, tombstones, and markers, Granite. R. Hunter. 208,005; Jan. 12.
Receptacle closures. Crown Cork and Seal Company of Baltimore City. 207,815; Jan. 12; Serial No. 219,233; published Oct. 27, 1925.
Receptacles, Closures for. Crown Cork and Seal Company of Baltimore City. 207,810; Jan. 12; Serial No. 219,063; published Oct. 27, 1925.
Signs, Advertising display. Gillespie Brothers. 207,846; Jan. 12; Serial No. 192,971; published May 19, 1925.
Tarpaulins, Waterproof canvas. C. R. Daniels, Inc. 207,774; Jan. 12; Serial No. 218,248; published Oct. 6, 1925.

ALPHABETICAL LIST OF LABELS.

Chocolate Sponge Bar. For Chocolate Candies. Chocolate Sponge Co. 29,752; Jan. 12.
Fleur de Crème Special Extra-Fin. For Cheese and Cheese Products. A. Raynaud. 29,756; Jan. 12.
Olivette. For Cold-Cream Face Powder. J. H. Moore. 29,755; Jan. 12.
Plainpatch. For Porous Plasters. J. J. Larmour. 29,754; Jan. 12.
The Sanctis. For Burial Receptacles. Halsted-Dierks & Co. 29,753; Jan. 12.

ALPHABETICAL LIST OF PRINTS.

An Extra Quart in Every Gallon. For Motor Oil. Quaker State Oil Refining Company. 8,499; Jan. 12.
Buy a tube of Florian Tooth Paste. For Tooth Paste. Florian Inc. 8,494; Jan. 12.
Cassine Champagne. For Cassine Champagne. S. M. Hoye. 8,497; Jan. 12.
Five Simple Steps—And it's Done. For Paints, Varnishes, and the Bass-Hueter Grainer. Bass-Hueter Paint Company. 8,490; Jan. 12.
Foods and Ingredients of Foods. For Foods and Ingredients of Foods. Granger & Co. 8,496; Jan. 12.
Jupiter Spark Plugs. For Spark Plugs. Jupiter Spark Plug Company. 8,498; Jan. 12.
Monarch. For Groceries. Reid, Murdoch & Co. 8,500; Jan. 12.
Old Time Bread. For Bread. Slaker Health Food Co. 8,501; Jan. 12.
Solid Comfort—That's What You'll Say When You Put Your Old Shoes On After We've Repaired Them—We Use Good—Wingfoot—Year Wingfoot Soles & Heels For Soles and Heels for Boots and Shoes Composed Wholly or in Part of Rubber. Goodyear Tire & Rubber Company. 8,495; Jan. 12.
Summerour's Western Wonder. For Cottonseed. Summerour & Son. 8,502; Jan. 12.
To the Mother of Every San Francisco School Child. For Wheat Breakfast Food. Cream of Wheat Co. 8,492; Jan. 12.
Who is busier than a Baby? He burns up as much energy in growing as his Mother does in work. For Wheat Breakfast Food. Cream of Wheat Co. 8,491; Jan. 12.
You will like Florian Mentholated Bay Rum Shaving Cream Better. For Shaving Cream. Florian Inc. 8,493; Jan. 12.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Abrasive in the raw state, Aluminous crystallized. Société des Forces Motrices de la Vallee D'Aspe. 222,348; Jan. 12.
Coal. Lorain Coal and Dock Company. 222,855; Jan. 12.
Coal. A. McIntyre. 223,046; Jan. 12.
Coal. Roden Coal Company. 223,943; Jan. 12.
Coal. Waubun Coal Company. 222,055; Jan. 12.
Molding composition. Bakelite Corporation. 222,152; Jan. 12.
Rubber soling materials. J. C. Schachet. 219,994; Jan. 12.

CLASS 2.

Baskets. San Francisco Association for the Blind. 219,006; Jan. 12.
Receptacles, Base-metal. Doerr Manufacturing Company. 199,611; Jan. 12.
Trays, vanity cases, Manicure and dresser. Fuller Brush Company. 203,306; Jan. 12.

CLASS 4.

Cleaner, Liquid. F. S. Lyndall. 222,265; Jan. 12.
Cleaning and polishing powder, Canned. W. G. Roll. 221,567; Jan. 12.
Cleaning preparation. F. D. Davidson Company. 208,460; Jan. 12.
Cleaning preparation. R. A. Precourt. 219,909; Jan. 12.
Dry-cleaning compounds. H. Everaz. 217,924; Jan. 12.
Dry-cleaning liquid. Taflor's Cleaning Fluid Company. 222,414; Jan. 12.
Leather, Material for repairing patent. Mullen Brothers. 221,630; Jan. 12.
Preparation for polishing metals, glassware, etc. O. Foon. 221,250; Jan. 12.
Preparation for polishing metals, glass windows, etc., Liquid. M. K. Brigstocke. 215,131; Jan. 12.
Soap, Mechanics' hand. C. F. Valentine. 221,725; Jan. 12.
Type cleaner. Perfection Products Co. 205,488; Jan. 12.

CLASS 5.

Glue and cement, Adhesive. Superior Glue Co. 214,188; Jan. 12.

CLASS 6.

Acid material to be used in making leavening agents. Calumet Baking Powder Co. 223,212; Jan. 12.
Alkali for cleaning purposes. J. B. Ford Company. 220,128; Jan. 12.
Chemical composition for obliterating characters in paper stencils. Rapid Addressing Machine Company. 222,406; Jan. 12.
Chemical composition for use in the purification of water. Aluminum Company of America. 224,316; Jan. 12.
Chemical compound for scale preventing and removing compound from boilers. American Turpentine Company. 206,146; Jan. 12.
Cosmetics, pastes, powders, and toilet preparations. Parfumerie Roger et Gallet. 224,262; Jan. 12.
Cream, astringent cream, hair tonic, face bleach, etc., Facial. R. M. Philes. 222,795; Jan. 12.
Dressings for external use for affections of the skin, abscesses, etc. Madame P. Sabatier. 223,662; Jan. 12.
Foot powder. C. M. Paulson. 220,797; Jan. 12.
Gum containing iodine, Chewing. American Chicle Company. 223,072; Jan. 12.
Hair-treating preparation. A. Nigri. 211,606; Jan. 12.
Javelle water. Fyon & Fyon Limited. 221,111; Jan. 12.
Lotion for the treatment of piles. M. & H. Hoffman. 221,318; Jan. 12.
Medical and pharmaceutical products. I. M. Co. 221,424; Jan. 12.
Medicated chewing gum. Geneva Chemical Corporation. 223,295; Jan. 12.
Medicine and liniment. L. J. Urbanski. 223,827; Jan. 12.
Medicine for the heart and internal organs. A. Boehringer. 218,550; Jan. 12.
Medicine for the relief of dyspepsia, etc. Pneglotaria Medicine Co. 221,888; Jan. 12.
Medicine for the throat and chest. St. Jacobs Oil Company. 222,200–1; Jan. 12.
Medicine for the treatment of syphilis, etc. J. O. Peavy. 223,102; Jan. 12.
Mineral waters. Venecia A.-G. für Chemische Produkte. 195,726; Jan. 12.
Perfumery. Bonwit Teller & Co. 222,215; Jan. 12.
Perfumes. B. Altman & Co. 217,388; Jan. 12.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Perfumes and essential oils for the production of perfumes. M. Naef & Cie. 221,431–40; Jan. 12.
Petroleum jelly and preparations thereof. Chesebrough Manufacturing Co. (Consolidated). 223,081; Jan. 12.
Powder, Talcum. Dr. H. E. Kelly. 223,095; Jan. 12.
Powders, face creams, perfumes, rouges, etc., Face. Heather Company. 187,421; Jan. 12.
Preparations for prevention of venereal diseases. Edward J. Moore Sons, Inc. 223,858; Jan. 12.
Remedy or specific for the elimination of uric acid, etc. R. W. Carroll. 213,953; Jan. 12.
Soda ash for laundry, household, factory, and general cleaning purposes. J. B. Ford Company. 220,122; Jan. 12.
Tablets, Dyspepsia. Owl Drug Company. 223,738; Jan. 12.
Tonic, Laxative. J. H. Lee. 223,529; Jan. 12.
Tooth paste. A. K. Dellarowe. 222,920; Jan. 12.
Wart remedy. A. G. Mumm & Co. 223,535; Jan. 12.
Worm expeller for dogs. G. G. Anderson. 223,759; Jan. 12.

CLASS 7.

Rope and cordage. Wall Rope Works, Inc. 223,565; Jan. 12.

CLASS 8.

Tobacco pouches. N. Statham. 221,722; Jan. 12.

CLASS 12.

Cement, Roofing. C. W. Keenan, Inc. 220,610; Jan. 12.
Fire-resisting powdered material. Alpha-Lux Company. 221,996; Jan. 12.
Lumber. Red Cedar Lumber Manufacturer's Association of the Pacific Coast. 222,705; Jan. 12.
Plaster, Quick-setting. Charles Warner Company. 223,108; Jan. 12.
Slates, slabs, Artificial. L. Scheerders Van Kerchove. 222,053; Jan. 12.

CLASS 13.

Chains, chain parts, roller and connecting links. Diamond Chain and Manufacturing Company. 222,786; Jan. 12.
Pipe and pipe couplings, Steel. Youngstown Sheet and Tube Company. 222,536; Jan. 12.
Pipe, Steel. Youngstown Sheet and Tube Company. 222,534; Jan. 12.
Trays, cake baskets, casserole frames, etc., Bread. Manning, Bowman & Co. 206,181; Jan. 12.

CLASS 14.

Solder. Chicago Solder Company. 216,772; Jan. 12.

CLASS 15.

Gasoline, kerosene, fuel oil, and petroleum distillate. W. H. Barber Company. 222,775; Jan. 12.
Gasoline, kerosene, lubricating oil and greases. Continental Oil Company. 223,083; Jan. 12.
Oils and greases, Lubricating. Galena-Signal Oil Company of Texas. 209,570; Jan. 12.
Oils and greases, Lubricating. Oklahoma Oil Marketers, Inc. 218,135; Jan. 12.

CLASS 16.

Paint and varnish, Roofing. Southwestern Paint & Asphalt Company. 221,514; Jan. 12.
Paints, varnishes, stains, and enamels. Santa Fe Builders Supply Company. 220,920–1; Jan. 12.
Polish, Auto and furniture. B. Weiss. 190,221; Jan. 12.
Polish, Automobile and furniture. D. E. Benjamin. 216,137; Jan. 12.
Polish, Piano and furniture. Adayaka Laboratories. 221,685; Jan. 12.
Polishes. F. S. Lyndall. 222,263; Jan. 12.

CLASS 19.

Shock absorbers. Hawdos Corporation. 220,950; Jan. 12.
Strap hangers, propellers, windshields, and gear-shift knobs. Bakelite Corporation. 216,820; Jan. 12.

CLASS 21.

Electrical resistors. Dubilier Condenser & Radio Corporation. 223,287; Jan. 12.

CLASS 22.

Fishhooks, Snells for. Enterprise Manufacturing Company. 207,730; Jan. 12.
Games, Fortune-telling. J. E. Schenck. 222,407; Jan. 12.
Golf clubs, bags, balls, etc. Fortnum & Mason, Ltd. 216,903; Jan. 12.

CLASS 23.

Addressing machines. Rapid Addressing Machine Company. 222,400; Jan. 12.
Boilers, Flue expanders for steam. J. Faessler Mfg. Co. 214,146; Jan. 12.
Concrete aggregates, Proportioning plants for. Blaw-Knox Company. 214,776; Jan. 12.
Egg beaters and can openers. Turner & Seymour Manufacturing Co. 218,585; Jan. 12.
Engines and their parts, Internal-combustion. Erd Motors Corporation. 221,601; Jan. 12.
Fluid-pressure machines and tools. Chicago Pneumatic Tool Company. 222,108; Jan. 12.
Grinders for textile cards, calender rolls for paper mills, etc. B. S. Roy & Son Co. 220,575; Jan. 12.
Ice picks and ice shavers. Wm. Scholiborn Co. 220,880; Jan. 12.
Knives, Safety. C. Klaiber. 219,671; Jan. 12.
Machines for making tools, and tools. O. Hafner. 221,316; Jan. 12.
Mills for grinding grain, coffee, spices, chocolate, etc., Hand. C. S. Bell Co. 224,073; Jan. 12.
Piston pins. American Gear Company. 221,867; Jan. 12.
Pistons. Permite Piston Co. 224,041; Jan. 12.
Planters, diggers, sorters, cutters, and sprayers. Potato. McKenzie Manufacturing Co. 219,829; Jan. 12.
Scissors and shears. Acme Shear Company. 221,655; Jan. 12.
Transmissions for automobiles and other motor vehicles. Tiger Transmission Company. 222,529; Jan. 12.
Vending machines, Pop-corn and peanut. W. D. Root. 183,856–8; Jan. 12.

CLASS 25.

Locks. A. J. Lurie. 222,929; Jan. 12.

CLASS 26.

Battery-testing devices. Forest Electric Co. 222,874; Jan. 12.
Lens-holding members, Ophthalmic and similar. Bausch and Lomb Optical Company. 223,076; Jan. 12.
Pictures, Motion. Universal Pictures Corporation. 223,263; Jan. 12.

CLASS 28.

Pearls and pearl necklaces. Carson Pirie Scott & Co. 201,882; Jan. 12.
Rings and finger-ring mountings, Finger. Baskin Brothers. 221,735; Jan. 12.
Silver-plated tableware, Flat. W. T. Grant Company. 220,948; Jan. 12.

CLASS 29.

Brooms and whisk brooms. Pennsylvania Working Home for Blind Men. 223,405; Jan. 12.
Brushes, Fountain lather or shaving. Twinplex Sales Company. 223,946; Jan. 12.

CLASS 31.

Filter disks made of paper. Kimberly-Clark Company. 222,127; Jan. 12.

CLASS 32.

Furniture, cushions, and pillows, Detachable fabric coverings for. Spencer-Duffy Company. 221,285; Jan. 12.
Furniture, Reed and rattan. San Francisco Association for the Blind. 215,272; Jan. 12.
Mattresses. Jordan Marsh Company. 223,514; Jan. 12.
Tables, chairs, and cabinets. A. Wertheim, Inc. 215,886; Jan. 12.

CLASS 33.

Glassware. Société Anonyme des Verreries Lorraines. 224,161–3; Jan. 12.

CLASS 34.

Air heating and circulating device, Combined. American Blower Company. 215,674; Jan. 12.
Generators, producers, and furnaces for making gas. Combustion Utilities Corporation. 205,151–2; Jan. 12.
Heaters, Automobile. F. W. Mussehl. 223,048; Jan. 12.
Heaters, furnaces, burners, boilers, etc., Station. Breese Engineering Corporation. 219,166; Jan. 12.

CLASS 35.

Packing for glands, stuffing boxes, etc., Flax. Johns-Manville, Incorporated. 221,970; Jan. 12.
Tires and inner tubes and outer casings thereof, Pneumatic. A. Goldstein. 223,509–10; Jan. 12.

CLASS 36.

Banjo ukulele. Musical Specialties Company. 222,936; Jan. 12.
Mouth organs, accordions, harmonica flutes, etc. Ands. Koch A.-G. 203,998–9; Jan. 12.
Mouth organs, accordions, violins, etc. Ands. Koch A.-G. 204,000–1; Jan. 12.
Phonograph records, phonograph apparatus for recording and reproducing sounds, etc. Columbia Phonograph Company. 221,095; Jan. 12.
Talking machines, parts thereof, and records for talking machines. Victor Talking Machine Company. 223,064; Jan. 12.
Ukuleles and banjo ukuleles. Manhattan Band Instrument Co. 222,930; Jan. 12.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 37.

Folder and printed sheets to be inserted therein, Loose-leaf. Kashdex, Inc. 223,303; Jan. 12.
Paper, Bond-writing. Marquette Paper Co. 224,032; Jan. 12.
Paper, Packing and wrapping. Frank M. Sayford Company. 206,032; Jan. 12.
Paper, Tissue. Continental Paper & Bag Mills Corporation. 219,231; Jan. 12.
Paper, Typewriter. Remington Typewriter Company. 222,519; Jan. 12.
Paper, Wall. Henry Bosch Company. 224,186; Jan. 12.
Paper, wax lunch rolls, dry and waxed shredded paper, etc., Wax. Bennington Wax Paper Company. 223,763; Jan. 12.
Paper, Writing. Peck Engraving Company. 224,420; Jan. 12.
Pens and pencils. Rex Manufacturing Co. 223,867; Jan. 12.
Pens, Fountain. Wahl Company. 222,588; Jan. 12.

CLASS 38.

Journal published annually, Trade. Ware Bros. Company. 222,532; Jan. 12.
Magazine, Monthly. Patterson Publishing Company. 222,994; Jan. 12.
Magazine published periodically. Simmons-Boardman Publishing Co. 220,621; Jan. 12.
Newspapers. Herald News Company. 221,608; Jan. 12.
Newspapers. Herald News Company. 221,663; Jan. 12.
Periodical, Monthly. Monarch Manufacturing Company. 219,079; Jan. 12.
Periodicals, Monthly. American Fashion Company. 222,907; Jan. 12.
Photographs or pictures. Potomac Photo Supply Co. 219,604; Jan. 12.
Publications, Semiannual. Ready Reference Publishing Co. 219,844; Jan. 12.
Publications, Series of monthly. Jacobsen-Hodgkinson Corporation. 223,174; Jan. 12.
Section of a trade publication. United Publishers Corporation. 222,417; Jan. 12.
Tags, cards, seals, and cut-outs, Printed. Dennison Manufacturing Company. 222,921; Jan. 12.

CLASS 39.

Bloomers, Ladies'. Meyer Mayers, Inc. 224,198; Jan. 12.
Coats, vests, pantaloons, etc. Perry & Company. 224,042; Jan. 12.
Coats, vests, trousers, and overcoats, Men's. S. H. Kessler & Sons, Inc. 223,121; Jan. 12.
Dresses. Knickerbocker Dresses Inc. 223,790; Jan. 12.
Heels for shoes. J. Fenton. 219,954; Jan. 12.
Hosiery. Bear Brand Hosiery Co. 223,762; Jan. 12.
Hosiery. Unfried Barkhorn Co. 223,826; Jan. 12.
Hosiery, Men's. Associated Merchandising Corporation. 223,952; Jan. 12.
Neckties and cravats, Men's. Vorzimer, Suskind Co. 222,420; Jan. 12.
Overalls, jumpers, pants, work and dress skirts. Hall Dry Goods Co. 224,089; Jan. 12.
Pants, Baby. I. B. Kleinert Rubber Company. 223,789; Jan. 12.
Shirts, Men's work. Carson Pirie Scott & Co. 201,886; Jan. 12.
Shirts, suits, pants, etc., Men's. D. M. Oberman Mfg. Co. 222,086; Jan. 12.
Suits, Ladies', misses', and children's. Joseph Eckstein Inc. 221,728; Jan. 12.
Suits, Ladies', Misses', and children's. Joseph Eckstein Inc. 221,730; Jan. 12.
Suits, top coats, and overcoats. Sherman Bros. 223,808; Jan. 12.

CLASS 40.

Beads, beaded bags, dress trimmings, rhinestones, etc. Elliott, Greene & Co. 221,954; Jan. 12.
Combs. H. C. Laufe. 220,308; Jan. 12.
Needles, Hand sewing. Jas. Smith and Son, (Redditch) Ltd. 217,186; Jan. 12.

CLASS 42.

Cotton, linen, silk, and mixtures of the same, all in the piece. Jacob Miller's Sons Co. 223,248; Jan. 12.
Cotton piece goods. Elms & Sellon, Inc. 223,377; Jan. 12.
Linen and artificial-silk goods in the piece, Combination of. Lynrayn Corporation. 223,309; Jan. 12.
Padding, Laundry. Laundry Sales Co. 183,656; Jan. 12.
Rugs, Textile. Monmouth Rug Mills Inc. 223,047; Jan. 12.
Sateen in piece goods. Wyman, Partridge & Co. 205,043; Jan. 12.
Sheets and pillowcases, Bed. Associated Merchandising Corporation. 223,616; Jan. 12.
Silk, cotton, etc., fabrics, Artificial-. H. Ernstberger & Co. 223,627–8; Jan. 12.
Silk or silk-mixtures textiles. C. K. Eagle & Co. 223,220; Jan. 12.
Silk piece goods. J. A. Migel, Inc. 223,532; Jan. 12.
Umbrella cloth. Albert D. Smith & Co. 218,875; Jan. 12.
Woolen piece goods. Forstmann & Huffmann Company. 196,382; Jan. 12.

CLASS 43.

Yarns and thread. Great Lakes Thread and Yarn Co. 223,168; Jan. 12.

CLASS 44.

Dental exerciser. R. Del Castillo, jr. 223,217; Jan. 12.
Plastic composition. Hick, Hick & Bannatyne. 221,896; Jan. 12.
Supporters, sanitary belts, Athletic. Martin-Page Co. 223,312; Jan. 12.

CLASS 45.

Beverage and sirup for compounding the same. P. Christian. 219,878; Jan. 12.
Beverages. D. J. Carithers. 223,021; Jan. 12.
Beverages and compounds for making the same. Orange Crush Company. 223,482; Jan. 12.
Beverages sold as soft drinks. Hip-Hip Beverage Co. 223,476; Jan. 12.
Beverages sold as soft drinks, and water. Mt. Shasta Mineral Spring Company. 222,473; Jan. 12.
Recarbonated water. Mt. Shasta Mineral Spring Company. 222,474; Jan. 12.

CLASS 46.

Apples. Stark Bro's. Nurseries & Orchards Company. 223,343; Jan. 12.
Asparagus. C. W. Kress. 222,037; Jan. 12.
Biscuits, Dog, cat, and fox. Heger Products Company. 214,415; Jan. 12.
Bread, doughnuts, and toast. Purity Bakeries Corporation. 214,338; Jan. 12.
Candies, Bar. Glaser Bros. 212,247; Jan. 12.
Candy. American Caramel Company. 223,014; Jan. 12.
Candy. Kibbe Brothers Company. 220,541; Jan. 12.
Candy. Le Paradis Candy Company. 208,601; Jan. 12.
Candy, Bar and packaged. Fitger Company. 209,567; Jan. 12.
Candy bars. Shotwell Mfg. Co. 220,480; Jan. 12.
Canned beans, corn, and peas. Antigo Canning Company. 220,271; Jan. 12.
Canned fruits, vegetables, etc. Jonathan Levi Co. 223,041; Jan. 12.
Canned peas and beans. Gillett Canning Company. 224,013; Jan. 12.
Canned peas and beans, olive oil, rice, etc. Parisi Bros. 215,943; Jan. 12.
Canned salmon. P. E. Harris & Co. 223,386; Jan. 12.
Canned salmon. Elmer W. Smith Inc. 221,212; Jan. 12.
Canned vegetables. Zeigler Canning & Preserving Company. 221,679; Jan. 12.
Cereal, Breakfast. Ry-Krisp Company. 223,835; Jan. 12.
Cereal breakfast food. Wheatal Company. 222,720; Jan. 12.
Chocolate and cocoa. Aktiengesellschaft Chocolat Tobler. 217,845–6; Jan. 12.
Chocolate and cocoa compound. Limpert Bros. 222,853; Jan. 12.
Chocolate, Eating and cooking. La Societe Menier. 217,403; Jan. 12.
Coffee. F. F. Guyol. 221,114; Jan. 12.
Coffee. Ohio Valley Coffee Co. 220,971; Jan. 12.
Coffee, paprika, celery salt, grape jelly, etc. American Stores Company. 220,821; Jan. 12.
Coffee, Roasted. C. Anderson. 205,897; Jan. 12.
Condiments. Staples Grocery Company. 217,533; Jan. 12.
Feed, Cattle. Park & Pollard Company. 223,402; Jan. 12.
Flour, Fried-cake. Winchell Flour Company. 204,988; Jan. 12.
Flour, Self-rising. C. L. Shipman. 222,641; Jan. 12.
Flour, Wheat. Northwestern Milling Co. 221,503; Jan. 12.
Food product. E. T. Duke. 222,601; Jan. 12.
Food, Wheat breakfast. Cream of Wheat Company. 221,739–40; Jan. 12.
Fruits, fresh vegetables, oranges, etc., Green and dried. Garcia & Maggini Co. 199,748; Jan. 12.
Grapes, Fresh. F. W. Brewster. 222,557; Jan. 12.
Ice cream. G. Pappas. 218,371; Jan. 12.
Jelly-making material. McCormick & Co. 223,318; Jan. 12.
Lettuce and chicory, Fresh. A. Arena & Co. 211,773; Jan. 12.
Malt extract. R. Nemec. 219,904; Jan. 12.
Malt extracts. Burger Bros. Company. 211,154; Jan. 12.
Margarine, Nut. Armour and Company. 221,531; Jan. 12.
Mayonnaise. El Food Corporation. 221,356; Jan. 12.
Meal, Cream. Wm. Pollock Milling & Elevator Co. 217,897; Jan. 12.
Mustard. Fletcher-Wilson Coffee Co. 222,835; Jan. 12.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Oil and tomato paste, Olive. J. Antognoli. 216,495; Jan. 12.
Oranges and grapefruit, Fresh. Milne-O'Berry Packing Co. 223,089; Jan. 12.
Oranges and tangerines. Arcadia Citrus Growers Association. 219,930; Jan. 12.
Oranges and tangerines. Arcadia Citrus Growers Association. 220,104; Jan. 12.
Oranges, lemons, and grapefruit. Fillmore Citrus Association. 224,006–7; Jan. 12.
Oranges, lemons, and grapefruit. Piru Citrus Association. 224,044; Jan. 12.
Peanut butter. Commercial Creamery Company. 221,660; Jan. 12.
Peanuts, Sugar-coated. N. P. Damianakes. 219,530; Jan. 12.
Pepper in vinegar, pickled onions, pickles, etc. G. Cinelli Company. 221,238; Jan. 12.
Poultry, butter, eggs, sausages, etc., Dressed. Conron Bros. Company. 212,785; Jan. 12.
Relish, Sweet-pepper. T. O. Michael. 222,695; Jan. 12.
Sandwiches, pie, and cake. Penn Automatic Service Company. 223,254; Jan. 12.
Sauce. McNamara Bros. 221,628; Jan. 12.
Sirup, Malt. N. Wasserstrom. 222,769; Jan. 12.
Toffee, John Farrah & Harrogate Toffee, Limited. 219,066; Jan. 12.
Toffee, ginger nuts, and chocolate. John Farrah & Harrogate Toffee, Limited. 219,067; Jan. 12.

CLASS 48.

Malt extract. E. O. Tusch. 223,062; Jan. 12.

CLASS 49.

Brandies, liqueurs, punches, etc. Egon Braun Aktiengesellschaft. 222,019; Jan. 12.
Whisky. Small Grain Distilling & Drug Co. 219,782; Jan. 12.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 12TH DAY OF JANUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

A E G Deutsche Werke Aktiengesellschaft. (See Kahle, Walter, assignor.)
Abercrombie, James S., and H. S. Cameron, Houston, Tex. Blow-out preventer. 1,569,247; Jan. 12.
Adams, Samuel A., and J. Leicester, Merry Hill, N. C. Flower stand. 1,569,696; Jan. 12.
Adelman, Arthur, Chesaning, Mich. Supersensitive fuse. 1,569,248; Jan. 12.
Aetna Automatic Oil Burner, Incorporated. (See Schemingger, John, jr., assignor.)
Aitken, James A. G., Holyoke, Mass. Golf-club head. 1,569,212; Jan. 12.
Aktiengesellschaft Brown Boveri & Cie. (See Wirz, Ernst, assignor.)
Allbright, Charles H., assignor of one-half to P. A. Barlow, Santa Margarita, Calif. Combination camp table, luggage carrier, and child's bed. 1,569,600; Jan. 12.
Amato, Frank, Long Island City, N. Y. Automobile bumper. 1,569,166; Jan. 12.
American Hard Rubber Company. (See Boyer, Edwin S., assignor.)
American Hardware Corporation, The. (See Hurd, Norman B., assignor.)
American Telephone and Telegraph Company. (See Best, Fred H., assignor.)
American Telephone and Telegraph Company. (See Clark, A. B., and Crisson, assignors.)
American Telephone and Telegraph Company. (See Morehouse, Lyman F., assignor.)
American Telephone and Telegraph Company. (See Rhodes, William A., assignor.)
American Telephone and Telegraph Company. (See Weaver, Allan, assignor.)
American Wood Turning Co. (See Di Silvestro, Joseph, assignor.)
Anaklin, Arthur E., Long Beach, Calif. Sash balance. 1,569,347; Jan. 12.
Anderson, Alfred L., Seattle, Wash. Cooker for food in containers. 1,569,601; Jan. 12.
Anderson, Amelia E., Cincinnati, Ohio. Window. 1,569,602; Jan. 12.
Anderson, Evald, Alhambra, assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical separation of suspended material from gases. 1,569,529; Jan. 12.
Anderson, Randolph, sr., St. Louis, Mo. Shoe-shining machine. 1,569,167; Jan. 12.
Anderson, Walker G., assignor of one-half to C. D. C. Huestis, Seattle, Wash. Smoker's stand. 1,569,603; Jan. 12.
Andrews, Edward F., Chicago, Ill. Inductance. 1,569,604; Jan. 12.
Andrews, Isaac, Spartanburg, S. C. Harness device. 1,569,248; Jan. 12.
Anthony, Anton A., Memphis, Tenn. Swing chair and bed. 1,569,249; Jan. 12.
Anthracite Separator Company. (See Pardee, Frank, jr., assignor.)
Archbald, Charles E., New Brunswick, N. J. Web-treating machine. 1,569,064; Jan. 12.
Archer, William H., assignor to The Commercial Savings Bank & Trust Co., trustee, Toledo, Ohio. Combination apparatus. 1,569,250; Jan. 12.
Armstrong Cork Company. (See Humphreys, Charles F., assignor.)
Arundel, Thomas E., assignor of thirty-seven and one-half per cent to G. D. Shipherd and twenty-five per cent to W. H. Metcalfe, Omaha, Nebr. Radio reception apparatus. 1,569,446; Jan. 12.
Ash, Horace W., Winchester, Mass. Tank-car heater. 1,569,605; Jan. 12.
Ashcroft, Edgar A., London, England. Apparatus for electrolyzing fused salts of metals and recovering the metals and acid radicles. 1,569,606; Jan. 12.
Aspinwall, Louis M., Pittsburgh, and K. A. Simmon, Edgewood Park, Pa., assignors to Westinghouse Electric & Manufacturing Company. Axle power brake. 1,569,349; Jan. 12.
Austin, Arthur O., Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Preparing clay or body composition for ceramic articles. 1,569,251; Jan. 12.
Auto Rim Company Limited. (See Graham, Robert, assignor.)
Automatic Electric Company. (See Lomax, Clarence E., assignor.)
Automatic Transportation Company, The. (See Carr, William C., assignor.)
Ayres, Andrus D., Kalamazoo, Mich. Automatic means for manipulating and controlling the catches of umbrellas. 1,569,447; Jan. 12.
Badische-Anilin- & Soda-Fabrik. (See Mattasch, A., and Pier, assignors.)
Baer, Samuel S., Baltimore, Md. Razor-blade sharpener. 1,569,213; Jan. 12.
Baldwin, Van V. (See Conrad, David E., assignor.)
Banner, Otto A., assignor to The Falk Corporation, Milwaukee, Wis. Fuel-injection nozzle for oil engines. 1,569,448; Jan. 12.
Barbey, Francis A., et al. (See McManama, John W., assignor.)
Barclay, Gustaf I., assignor to Detroit Steel Products Company, Detroit, Mich. Window latch. 1,569,697; Jan. 12.
Barlow, Paul A. (See Allbright, Charles H., assignor.)
Barnes, John. (See Shanaberger, Charles W., assignor.)
Barnes, John A., Burkburnett, Tex. Stopcock. 1,569,252; Jan. 12.
Barnes, Nathaniel C., Des Moines, Iowa. Automobile crank holder. 1,569,530; Jan. 12.
Barnhart, George E. (See Elton, M. S., and Barnhart.)
Barrow, John T. (See Mullins, Charles E., assignor.)
Barry, John, Marcus, Iowa. Snowplow. 1,569,531; Jan. 12.
Barstow, Lawrence M., Index, Wash. Adjustable stub axle joint. 1,569,311; Jan. 12.
Bashaw, Harley A. (See Shelters, H. H., and Bashaw.)
Bates, Albert H., Elgin, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Switch. 1,569,416; Jan. 12.
Bauer, Walter C., Linden, N. J., assignor to Upperes Cadillac Corporation. Piston. 1,569,253; Jan. 12.
Baxter, Kenneth S., and C. H. Cannon, assignors to Sheet Metal Products Company, Michigan City, Ind. Automobile cab. 1,569,168; Jan. 12.
Bay State Tap & Die Company. (See Williams, Charles B., assignor.)
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Web-printing press. 1,569,065; Jan. 12.
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Tubular-stereotype-plate-casting machine. 1,569,698; Jan. 12.
Beck, Michael, Minneapolis, Minn. Combined explosive motor and propeller. 1,569,607; Jan. 12.
Becker, Ray, assignor to Chas. Ermerich & Co., Chicago, Ill. Box. Des. 69,196; Jan. 12.
Beesley, Harvey A. (See Byrne, W. L., and Beesley.)
Beet Machinery Company. (See Cain, Jesse A., assignor.)
Beidelstein, Frank, Milwaukee, Wis. Merchandising wheel. Des. 69,197; Jan. 12.
Belger, John W., assignor to The Carrom Company, Ludington, Mich. Knockdown toy building. 1,569,066; Jan. 12.
Belcher, J. E. (See Brown, James F., assignor.)
Belknap, Charles, Burlington, Wash. Bricklayer's jointer. 1,569,067; Jan. 12.
Bell, William L., Oakland, Calif. Operating table. 1,569,350; Jan. 12.
Bemis Bro. Bag Company. (See Pierce, Robert E., assignor.)
Bendix Brake Company. (See Dodge, Adiel Y., assignor.)
Benjamin Electric Manufacturing Company. (See Benjamin, Reuben B., assignor.)
Benjamin Electric Manufacturing Company. (See Hopkins, C. L., and Warner, assignors.)
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Attachment plug. 1,568,995; Jan. 12.
Bensa, Felice. (See Zinke, A., and Schoepfer, assignors.)
Berbecker & Rowland Manufacturing Company. (See Horton, Clement E., assignor.)
Bergen, Harry S., assignor to Toledo Scale Company, Toledo, Ohio. Pivot bearing. 1,569,608; Jan. 12.
Bergen, Harry S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,569,609; Jan. 12.
Bergström, John F. O., Ange, and B. J. Brunsell, Arbra, Sweden. Apparatus for retaining parcels or the like on vehicles. 1,569,699; Jan. 12.
Bernabé, Fernando S., Malaski, P. I. Combination cane and gun. 1,569,700; Jan. 12.

Bernstein, William, New York, N. Y. Headgear. 1,569,112; Jan. 12.
Berry, Harold R., Brooklyn, assignor to The Dynamics Corporation of America, New York, N. Y. Heat treatment of hydrocarbons. 1,569,532; Jan. 12.
Best, Fred H., Westfield, N. J., assignor to American Telephone and Telegraph Company. Electrical measuring apparatus. 1,568,996; Jan. 12.
Bethlehem Steel Company. (See Kinney, James A., assignor.)
Bilgery, Constantin and A. Reutlinger, Frankfort-on-the-Main, Germany. Wooden tool handle. 1,569,533; Jan. 12.
Bishop, George E., Cleveland, Ohio. Automobile enclosure. 1,569,254; Jan. 12.
Blackman, James B. (See Carter, Albert, assignor.)
Blackburn, Jasper, Webster Groves, Mo. Earth anchor. 1,569,068; Jan. 12.
Blackman, Mabel, assignor of one-half to E. McKee and one-half to L. K. Hosier, New York, N. Y. Talking-machine needle. 1,569,351; Jan. 12.
Blaisdell, Sidney B., Providence, R. I. Carrier for braiding machines. 1,569,449; Jan. 12.
Blechspielwarenfabrik Johann Distler. (See Keppner, Ernst, assignor.)
Bliss, E. W., Company. (See Kruse, Peter, assignor.)
Block, Abraham, San Francisco, Calif., assignor to The National Cash Register Company, Dayton, Ohio. Indicating device. 1,569,255; Jan. 12.
Blount, Ivey T., Miami, Fla. Concrete structure for housing. 1,568,997; Jan. 12.
Blumlein, Albert, New York, N. Y., assignor to Parker Ventilation Company, Inc. Damper mechanism. 1,569,113; Jan. 12.
Bobst, Henri, Lausanne, Switzerland, assignor to Société Anonymé Marinoni Machines et Materiel pour l'Imprimerie et les Industries Annexes, Paris, France. Receiving device for cutting machines of the rotary type for paper or pasteboard and like machines. 1,569,256; Jan. 12.
Boehmer, William J. (See Rancier, Charles A., assignor.)
Boedtcher, Franz A., Bergenfield, N. J. Illuminated directional signal for elevators. 1,568,954; Jan. 12.
Boes, George F., La Fayette, Ind. Tile-making machine. 1,569,257; Jan. 12.
Bohlman, Ernest A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Automatic switch. 1,569,450; Jan. 12.
Bohnhardt, Charles F. H., assignor to H. D. Harvey, Baltimore, Md. Thermostatic control device. 1,569,312; Jan. 12.
Bollinger, George T., Lockport, La. Valve. 1,569,417; Jan. 12.
Bond, Edgar A., Ramah, N. Mex. Reserve-fuel-supply tank. 1,569,114; Jan. 12.
Bonine, Charles E., Melrose Park, Pa. Concentrator. 1,569,451; Jan. 12.
Border, William N., Kansas City, Mo. Shock absorber. 1,569,169; Jan. 12.
Bostrom, Richard E., San Diego, Calif. Game tile holder. 1,569,701; Jan. 12.
Bosworth Electric Manufacturing Company. (See Desjardins, Gregory, assignor.)
Boulicault, Peter L. (See Thelen, J. B., and Boulicault.)
Boyd, Thompson H. (See Hilke, H. C., and Boyd.)
Boyer, Edwin S., Plainfield, N. J., assignor to American Hard Rubber Company, Hempstead, N. Y. Storage-battery jar. Des. 69,198; Jan. 12.
Brace, Porter H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Wire-testing extensometer. 1,569,352; Jan. 12.
Brackett, Quincy A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Wireless receiving system. 1,569,353; Jan. 12.
Bradley Knitting Co. (See Johnson, Arthur W., assignor.)
Bradley, William T., Linn, Mo. Hair-cutting guide. 1,569,452; Jan. 12.
Brandes Laboratories, Inc. (See Moss, David, assignor.)
Brandt, Kunibert P., Oriska, N. Dak. Railway spike. 1,569,115; Jan. 12.
Braun, Aquila R., assignor, by mesne assignments, to Liberty National Bank, trustee, Syracuse, N. Y. Pressing machine. 1,569,418; Jan. 12.
Braun, Maurice and G. Gelencser, New York, N. Y. Insect trap. 1,569,170; Jan. 12.
Breer, Louis, Los Angeles, Calif. Caddy-bag display rack and stand. 1,569,313; Jan. 12.
Brennan, J. M. (See Stocker, Charles S., assignor.)
Brent, George E., Nashville, Tenn. Casing for a candy machine. Des. 69,199; Jan. 12.
Brewer Titchener Corporation, The. (See Slocum, Leslie G. S., assignor.)
Bricq, Robert. (See Vernes, A., Bricq, Jobin, and Yoon.)
Bried, Julien A. (See Rogers, Samuel L., assignor.)
Brody, William, New York, N. Y. Needle. 1,569,453; Jan. 12.
Broecker, Louis C. (See Rand, J. H., jr., and Broecker.)
Brown & Bigelow. (See Fischer, H. L., and Kristofek, assignors.)
Brown, James F., assignor of one-half to J. E. Belcher, Lockout, Ky. Rail bond. 1,569,069; Jan. 12.
Brown, Mortimer J., Niagara Falls, N. Y., assignor to The Pacific R. & H. Chemical Corporation, El Monte, Calif. Apparatus for producing and recovering reaction gases. 1,569,171; Jan. 12.
Brown, Thomas W., and W. W. Wolary, Centerville, Iowa. Road construction. 1,569,702; Jan. 12.
Bruce, George W., Childress, Tex. Shoe hanger. 1,568,998; Jan. 12.
Brunler, Oscar A., Glasgow, Scotland. Apparatus for steam-generating and solution-heating purposes. 1,569,703; Jan. 12.
Brunzell, Bror J. (See Bergström, J. F. O., and Brunzell.)
Brush, Alanson P., Detroit, Mich. Method and apparatus for equalizing explosive charges in the different cylinders of multicylinder engines. 1,569,610; Jan. 12.
Brush, Frederick F., Los Angeles, Calif., assignor to Elevator Safety Appliance Company. Interlock system for elevator doors. 1,569,454; Jan. 12.
Buchanan, James D., Iola, Kans. Saw-filing attachment for button-sawing machines. 1,569,704; Jan. 12.
Buchholz, Hermann, Berlin, Germany. Molding material. 1,568,955; Jan. 12.
Buescher, Oswald, and R. G. Goebel, Smithville, Tex. Plowing attachment for tractors. 1,569,705; Jan. 12.
Bugbee, Lucian W., jr., Indianapolis, Ind., assignor, by mesne assignments, to Continental Optical Corporation, New York, N. Y. Trifocal lens blank and lens made therefrom. 1,569,258; Jan. 12.
Bulger, Cyril, St. Paul, Minn. Rolling toy. 1,569,172; Jan. 12.
Bullinger, Frederic H., Yonkers, N. Y., assignor to Ward Leonard Electric Company. Electric controller. 1,569,611; Jan. 12.
Bulwinkle, John E., Charleston, S. C. Receptacle. 1,569,706; Jan. 12.
Bunnell, Gussie M., Miami, Fla. Dumping truck. 1,569,707; Jan. 12.
Bunten, Claude L., Rawlins, Wyo. Feed and trigger mechanism for toy pistols. 1,568,999; Jan. 12.
Burlin Co. (See Burlin, Leslie H., assignor.)
Burlin, Leslie H., assignor to Burlin Co., Chicago, Ill. Base for a smoker's stand or similar article. Des. 69,200; Jan. 12.
Burlin, Leslie H., assignor to Burlin Co., Chicago, Ill. Base for a smoker's stand or similar article. Des. 69,201; Jan. 12.
Burlin, Leslie H., assignor to Burlin Co., Chicago, Ill. Tray top for a smoker's stand or similar article. Des. 69,202; Jan. 12.
Burlock, Sophie, Chicago, Ill. Fountain hairbrush. 1,569,259; Jan. 12.
Burns, Oscar, Troy, and P. Gischlar, assignors of one-third to M. E. Newhouse, Hamilton, Ohio. Shade-roller and curtain-pole bracket. 1,569,708; Jan. 12.
Burrage, Enoch H., Winston-Salem, N. C. Washing machine. 1,569,709; Jan. 12.
Burrows, Allen, Los Angeles, Calif. Throttle control for automobiles. 1,569,612; Jan. 12.
Burt, Arthur G., Baltimore, Md. Dog mat. 1,569,710; Jan. 12.
Burwell, James B., Canton, Ohio. Valve. 1,569,455; Jan. 12.
Bushy, Junius E., Jackson, assignor of one-half to B. R. Cooper, Covington, Ky. Rail anchor. 1,569,116; Jan. 12.
Byrne, William L., and H. A. Beesley, Los Angeles, Calif. Knockdown cabinet. 1,569,832; Jan. 12.
Byron Jackson Pump Mfg. Co. (See Keating, John B., assignor.)
Byron, Thomas F., Chicago, Ill. Curtain rod. 1,569,456; Jan. 12.
Cadoret, Louis A., Pawtucket, R. I. All-metal bobbin. 1,569,711; Jan. 12.
Cadoret, Louis A., Pawtucket, R. I. Shuttle threader. 1,569,712; Jan. 12.
Cahill, George F., New York, N. Y. Bowling alley and bowling apparatus. 1,569,260; Jan. 12.
Cain, Jesse A., Bend, Oreg., assignor to Beet Machinery Company, Walla Walla, Wash. Automatic blocking hoe. 1,569,070; Jan. 12.
Calahan, John, Lebanon, Ind. Adjustable drilling bit. 1,569,262; Jan. 12.
Calkins, James M., Peoria, Ill., assignor to Scott Head Lamp Control, Miami, Fla. Dirigible headlight for vehicles. 1,569,261; Jan. 12.
Cameron Can Machinery Company. (See Cameron, William, assignor.)
Cameron, Harry S. (See Abercrombie, J. S., and Cameron.)
Cameron, William, assignor to Cameron Can Machinery Company, Chicago, Ill. Can-testing machine. 1,568,956; Jan. 12.
Camp, Ervin M., Chicago, Ill. Molding form for concrete vessels. 1,568,957; Jan. 12.
Cannon, Charles H. (See Baxter, K. S., and Cannon.)
Caplan, I. J., et al. (See Long, John E., assignor.)
Caplan, Samuel, et al. (See Long, John E., assignor.)
Carey, James S., et al. (See Sease, Chester A., assignor.)
Carl, Albert S. (See Carl, Louie T. and A. S.)
Carl, Louie T. and A. S., Winona, Mass. Radio receiving set. 1,569,354; Jan. 12.

Carlson, Hjalmar G., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Flier. 1,569,534; Jan. 12.
Carpenter, Eugene R., Ansonville, N. C. Wrench. 1,569,117; Jan. 12.
Carr Fastener Company. (See Carr, Fred S., assignor.)
Carr, Fred S., Newton, assignor to Carr Fastener Company, Cambridge, Mass. Lubricating apparatus. 1,569,263; Jan. 12.
Carr, William C., assignor to The Automatic Transportation Company, Buffalo, N. Y. Controller. 1,569,713; Jan. 12.
Carrier Engineering Corporation. (See Carrier, Willis H., assignor.)
Carrier, Willis H., Essex Fells, assignor to Carrier Engineering Corporation, Newark, N. J. Refrigerating system. 1,569,214; Jan. 12.
Carrom Company, The. (See Beiger, John W., assignor.)
Carstens, Henry M., Oak Park, Ill. Syringe. 1,569,457; Jan. 12.
Carter, Albert, Chicago, Ill., assignor of one-half to J. B. Blackman, Harrisburg, Ill. Steel-cleaning machine. 1,568,958; Jan. 12.
Carter, Benjamin B., et al. (See Hutchinson, Louie C., assignor.)
Carter, Chester C., Perryton, Tex. Pump. 1,569,714; Jan. 12.
Caspar, Charles J. (See Young, C. B., and Caspar.)
Castle, Egbert H., assignor to Comstock-Castle Stove Company, Quincy, Ill. Gas-cock-locking device. 1,569,458; Jan. 12.
Cater, William H., Chicago, Ill. Weight for sinking well casings. 1,569,000; Jan. 12.
Catlin, Robert M., Franklin, N. J., assignor to Catlin Shale Products Company, New York, N. Y. Method and apparatus for distillation of carbonaceous material. Re16,252; Jan. 12.
Catlin Shale Products Company. (See Catlin, Robert M., assignor.)
Celite Company, The. (See Irvin, Webb T., assignor.)
Celite Company, The. (See Zoul, Charles V., assignor.)
Chalker, Albert R. (See Lower, N. M., Chalker, and Osborne.)
Chase Companies, The. (See Goetz, Henry F., assignor.)
Chase, Harold M., and G. W. Robertson, assignors to Riverside and Dan River Cotton Mills, Danville, Va. Treating warp in long chain or rope form. 1,568,959; Jan. 12.
Chase, Newton D., assignor of one-third to R. S. Stryker, Hornbrook, Calif. Fishway. 1,569,419; Jan. 12.
Chenowith, William H., and G. C. Schimpf, assignors to H. D. Harvey, Baltimore, Md. Melting furnace. 1,569,314; Jan. 12.
Chisam, Ray C., The Dalles, Oreg. Convertible stock car. 1,569,071; Jan. 12.
Chocolat Tobler Holing Co., Aktiengesellschaft. (See Egli, Arnold A., assignor.)
Chriswell, Frederick W., assignor to Pacific Car and Foundry Company, Seattle, Wash. Filler for log bunks. 1,569,613; Jan. 12.
Clark, Alva B., Brooklyn, N. Y., and G. Crisson, Hackensack, N. J., assignors to American Telephone and Telegraph Company. Electrical measuring apparatus. 1,569,001; Jan. 12.
Clark Equipment Company. (See Mogford, Edmund C., assignor.)
Clark, Ernest W., Hartford, and C. Schramm, West Hartford, assignors to The Smyth Manufacturing Company, Hartford, Conn. Bookbinding machine. 1,569,265; Jan. 12.
Clark, Ernestine S., San Antonio, Tex. Kitchen utensil. 1,569,264; Jan. 12.
Clark, Ezra E., Newtonville, Mass. Retarding device for alarm check valves. 1,568,960; Jan. 12.
Clark, William H., Whittier, Calif. Puller for pump liners and valve seats. 1,569,614; Jan. 12.
Clarke, Harry R., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone apparatus. 1,569,615; Jan. 12.
Clausing, George, assignor to The Vulcan Last Company, Portsmouth, Ohio. Last. 1,568,961; Jan. 12.
Clausing, George, assignor to The Vulcan Last Company, Portsmouth, Ohio. Last. 1,568,962; Jan. 12.
Clay, James R., Blundellsands, and J. S. V. Harrison, Waterloo, England. Construction of ships' davits. 1,569,715; Jan. 12.
Clayton, Charles F., Balkan, Ky. Drawbar for mine cars. 1,569,716; Jan. 12.
Clayton & Lambert Manufacturing Company. (See Groehn, Otto J., assignor.)
Clayton Mark & Company. (See Mark, Harry R., assignor.)
Clement, Frederick C., Philadelphia, Pa. Closure for receptacles. 1,569,072; Jan. 12.
Clements, W. I., et al. (See Maxwell, Erastus M., assignor.)
Cleveland Rock Drill Company, The. (See Nell, Gustave M., assignor.)
Cleveland Trust Company, The, trustee. (See Hazelett, C. W., and Goldrick, assignors.)
Clisson, Albert B., Geddes, assignor, by mesne assignments, to Liberty National Bank, trustee, Syracuse, N. Y. Clutch mechanism. 1,569,420; Jan. 12.
Coelho, Manuel T., Redwood City, Calif. Lawn-dressing implement. 1,569,421; Jan. 12.
Colbert, George F. and W. H., Pittsburgh, Pa. Combined mirror and towel holder. 1,569,459; Jan. 12.
Colbert, William H. (See Colbert, George F. and W. H.)
Coldwell, John S., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Mechanism for feeding material from rolls. 1,569,650; Jan. 12.
Cole, Guerney H., Forest Hills Borough, Pa., assignor to Westinghouse Electric & Manufacturing Company. Annealing sheet steel. 1,569,355; Jan. 12.
Cole, Guerney H., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Annealing furnace. 1,569,356; Jan. 12.
Cole, William P., Coalinga, Calif. Shock absorber. 1,569,535; Jan. 12.
Colgan, John P., Waycross, Ga. Glareshield for motor vehicles. 1,569,717; Jan. 12.
Colgrove, Charles E., Toronto, Ontario, Canada. Applying silicate to corrugated strawpaper. 1,569,073; Jan. 12.
Colley, George F., assignor to J. Q. Roberts, Memphis, Tenn. Bolt lock. 1,569,718; Jan. 12.
Colley, Reginald C., Houston, Tex. Continuous automatic latitude and longitude indicator. 1,569,173; Jan. 12.
Collier, Benjamin P., Albany, Ala. Plow tractor. 1,569,266; Jan. 12.
Collins, Alfred F., Portland, and C. McGinley, Oswego, Oreg. Shuttle. 1,569,074; Jan. 12.
Columbia Phonograph Company. (See Crudginton, R. F., and Kilbride, assignors.)
Commercial Savings Bank & Trust Co., trustee. (See Archer, William H., assignor.)
Comstock-Castle Stove Company. (See Castle, Egbert H., assignor.)
Connecticut Telephone & Electric Company, The. (See Donle, Harold P., assignor.)
Conrad, David E., assignor of one-half to V. V. Baldwin, Eldon, Iowa. Car door. 1,569,799; Jan. 12.
Constantinesco, George, Weybridge, England. Power transmission. 1,569,719; Jan. 12.)
Continental Optical Corporation. (See Bugbee, Lucian W., jr., assignor.)
Conway, Roy D., Basking Ridge, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric signaling system. 1,569,616; Jan. 12.
Cooper, Benton R. (See Busby, Junius E., assignor.)
Coose, Forrest R., Waterville, Me. Safety device for buttonhole-sewing machines. 1,569,833; Jan. 12.
Coram, Roy E., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Translating apparatus. 1,568,963; Jan. 12.
Corthell, Robert N., Auburn, Me. Sewing-machine shuttle. 1,569,617; Jan. 12.
Corthell, Robert N., Auburn, Me. Bobbin-controlling adjunct for sewing-machine bobbin cases. 1,569,618; Jan. 12.
Costello, William H., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Governing device. 1,569,651; Jan. 12.
Courtaulds Limited. (See Van Weyenbergh, Emile, assignor.)
Cowdrey, Henry E., Fitchburg, Mass. Woodworking machine. 1,569,357; Jan. 12.
Cox and Sons Company, The. (See Glaspey, W. E., and Cox, assignors.)
Cox, Frederic W. (See Glaspey, W. E., and Cox.)
Cransler, Jacob, New York, N. Y. Hinge. 1,569,619; Jan. 12.
Creason, James M., Weed, Calif. Dirigible headlight. 1,569,720; Jan. 12.
Cressman, Russell B., Philadelphia, Pa. Electric-lamp indicator. 1,569,460; Jan. 12.
Criner, Harry J., Clarinda, Iowa. Wringer-controlling device. 1,569,267; Jan. 12.
Crispin, Frank J. (See Stoddard, Harry B., assignor.)
Crisson, George. (See Clark, A. B., and Crisson.)
Cronwall, Carl G., Chicago, Ill. Sheet-metal bending and forming machine. 1,569,461; Jan. 12.
Crosby Steam Gage & Valve Company. (See Pigott, Reginald J. S., assignor.)
Cross, Charles C., Brooklyn, assignor to Universal Fixture Corporation, New York, N. Y. Garment rack. 1,569,358; Jan. 12.
Cross, Henry J. S., Toronto, Ontario, Canada. Brush. 1,569,620; Jan. 12.
Crowell, Frank S., assignor to The Edward N. Riddle Company, Toledo, Ohio. Shelf for lighting fixtures. Des. 69,203; Jan. 12.
Crowell, Frank S., assignor to The Edward N. Riddle Company, Toledo, Ohio. Shelf for lighting fixtures. Des. 69,204; Jan. 12.
Crown Electrical Manufacturing Company. (See Snow, Wilmer S., assignor.)
Crowther, Edmond C., Philadelphia, Pa., assignor to de Sanno & Hoskins, Inc. Hypodermic needle. 1,569,174; Jan. 12.
Crudginton, Robert F., and J. T. Kilbride, assignors to Columbia Phonograph Company, Inc., Bridgeport, Conn. Pressing molded articles. 1,569,002; Jan. 12.
Crysler, H. Stanley, Lowell, assignor of fifty one-hundredths to R. J. Wilkie, Newton, Mass. Sectional roll for wringing machines. 1,569,536; Jan. 12.
Culp, John W., Johnstown, Pa. Game device. Re16,246; Jan. 12.

Culver, Fred A., assignor to Culver Stearns Manufacturing Company, Worcester, Mass. Combination signal and tail lamp. Des. 69,205; Jan. 12.
Culver Stearns Manufacturing Company. (See Culver, Fred, A., assignor.)
Curtis, Austen M., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,569,603; Jan. 12.
Curtis, Harry A., assignor of one-half to A. Wensing, Manitowoc, Wis. Automobile window screen. 1,569,118; Jan. 12.
Curtis, Lewis B., Bridgeport, Conn. Machine for cutting screw threads. 1,569,315; Jan. 12.
Curtis, Lewis B., Bridgeport, Conn. Thead-cutting dies. 1,569,316; Jan. 12.
Cutler-Hammer Mfg. Co., The. (See Coldwell, John S., assignor.)
Cutler-Hammer Mfg. Co. (See Costello, William H. assignor.)
Cutler-Hammer Mfg. Co., The. (See Schmidt, E. X., and Hutton, assignors.)
Dadswell, George, Ulverston, England. Signaling device for motor road vehicles. 1,569,537; Jan. 12.
Dake, Charles W., Chicago, Ill. Electric light. 1,569,216; Jan. 12
Dake, Charles W., Chicago, Ill. Lens for headlights. 1,569,217; Jan. 12.
Dake, Charles W., Chicago, Ill. Electric machine. 1,569,218; Jan. 12.
Dake, Charles W., assignor to The Pyle-National Company, Chicago, Ill. Headlight casing. 1,569,215; Jan. 12.
Dalferes, Anthony W., Lafayette, La. Automobile lock. 1,569,721; Jan. 12.
Daniloff, Serge, and C. F. Dupee, assignors to Saco-Lowell Shops, Lowell, Mass. Knock-off motion for twisting machines. 1,569,538; Jan. 12.
Danley, Drayton H., La Fayette, Ind. Acetylene-gas generator. 1,569,722; Jan. 12.
Daub, Philip H., Helena, Ohio. Safety device. 1,569,004; Jan. 12.
Dawson, Elma N. (See Dawson, James C., assignor.)
Dawson, James C., assignor to E. N. Dawson, Webster Groves, Mo. Loose-leaf binder. 1,569,005; Jan. 12.
Dayton Rubber Manufacturing Company, The. (See Mooradian, Harry S., assignor.)
Deakin, Gerald, Antwerp, Belgium, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,569,006; Jan. 12.
Dean, William E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake. 1,569,075; Jan. 12.
De Bataafsche Petroleum Maatschappij. (See Mackenzie, H. J., and Stoenbergh, assignors.)
Delmel, Olive. (See Tormo, Manel G., assignor.)
Dekum, Adolph A. (See Kirkland, Hugh A., assignor.)
De Lacy, Thomas H., Trenton, N. J. Pressing and finishing machine. 1,569,621; Jan. 12.
Delaney, James W. (See Hays, Thomas F., assignor.)
Deltox Rug Company. (See Koeck, Martin, jr., assignor.)
De Sanno & Hoskins, Inc. (See Crowther, Edmond C., assignor.)
Desjardins, Gregory, Cincinnati, assignor to Bosworth Electric Manufacturing Company, Norwood, Ohio. Radio adjustment dial. 1,569,539; Jan. 12.
De Sosa, Warren. (See Hobbs, Grace P., assignor.)
Detroit Lubricator Company. (See Machesney, Andrew G., assignor.)
Detroit Steel Products Company. (See Barclay, Gustaf I., assignor.)
Deutsche Telephonwerke Gesellschaft mit beschrankter Haftung. (See Habann, Wilhelm E. E., assignor.)
Dickinson, Wilbur K., Lynn, Mass., assignor to General Electric Company. Instrument transformer. 1,569,723; Jan. 12.
Dicks, Thomas A., assignor to Standard Steel Propeller Company, Pittsburgh, Pa. Propeller for aeroplanes. 1,569,800; Jan. 12.
Dickson, Earcle, Kittanning, Pa. Chest. 1,569,422; Jan. 12.
Dimond, Harry, Brookline, Mass. Rolling device for cotton samples. 1,569,724; Jan. 12.
Di Silvestro, Joseph, assignor to American Wood Turning Co., Philadelphia, Pa. Spindle for lamps. Des. 69,206; Jan. 12.
Di Silvestro, Joseph, assignor to American Wood Turning Co., Philadelphia, Pa. Spindle for lamps. Des. 69,207; Jan. 12.
Di Silvestro, Joseph, assignor to American Wood Turning Co., Philadelphia, Pa. Spindle for lamps. Des. 69,208; Jan. 12.
Di Silvestro, Joseph, assignor to American Wood Turning Co., Philadelphia, Pa. Lamp base. Des. 69,209; Jan. 12.
Di Silvestro, Joseph, assignor to American Wood Turning Co., Philadelphia, Pa. Lamp base. Des. 69,210; Jan. 12.
Di Silvestro, Joseph, assignor to American Wood Turning Co., Philadelphia, Pa. Spindle for lamps. Des. 69,211; Jan. 12.
Divine, Richard D., Chicago, Ill. Apparatus for and process of reclaiming and converting asphaltum and other materials from waste material. 1,569,462; Jan. 12.
Dixon, Joseph L., New York, N. Y., assignor, by mesne assignments, to Pittsburgh Research Corporation, Pittsburgh, Pa. Electric-fire furnace. 1,569,463; Jan. 12.
Dixon, Joseph L., New York, N. Y., assignor, by mesne assignments, to Pittsburgh Research Corporation, Pittsburgh, Pa. Electrothermic refining of metals. 1,569,464; Jan. 12.
Dobson, William A., Bridgeport, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,569,076; Jan. 12.
Dodds, Ethan I., Central Valley, N. Y., assignor to Flannery Bolt Company, Pittsburgh, Pa. Stay-bolt structures for boilers. 1,569,007; Jan. 12.
Dodge, Adiel Y., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Brake and meter construction. 1,569,219; Jan. 12.
Dodge, Harry B., assignor to Four Wheel Drive Auto Company, Clintonville, Wis. Gearing. 1,569,008; Jan. 12.
Doehler Die-Casting Co. (See Doehler, H. H., and Stern, assignors.)
Doehler, Herman H., New Rochelle, and M. Stern, Brooklyn, N. Y., assignors to Doehler Die-Casting Co. Vehicle door. 1,569,725; Jan. 12.
Doerr, Harry E., assignor to Scullin Steel Co., St. Louis, Mo. Side frame construction for car trucks. 1,569,175; Jan. 12.
Doherty, Helen, and J. Le Blanc, Providence, R. I. Garment-pattern-designing scroll and square. 1,569,726; Dolson, Albert O., Imperial, Calif. Concrete construction. 1,569,622; Jan. 12.
Donato, Pasquale, New York, N. Y. Game device. 1,569,727; Jan. 12.
Donle, Harold P., assignor to The Connecticut Telephone & Electric Company, Incorporated, Meriden, Conn. Inductive coupler. 1,569,801; Jan. 12.
Douglas, Donald Q. (See Douglas, William W., W. R., M., W. H., and D. Q.)
Douglas, Harry A., Bronson, Mich. Internal-combustion engine. 1,568,964; Jan. 12.
Douglas, Marcella. (See Douglas, William W., W. R., M., W. H., and D. Q.)
Douglas, Wallace R. (See Douglas, William W., W. R., M., W. H., and D. Q.)
Douglas, William H. (See Douglas, William W., W. R., M., W. H., and D. Q.)
Douglas, William W., W. R., M., W. H., and D. Q., Crete, Nebr. All-steel camp cot. 1,569,728; Jan. 12.
Douras, John D., Detroit, Mich. License-plate housing. 1,566,965; Jan. 12.
Downe, Edward R., Larchmont, N. Y., assignor to The Fox Furnace Company, Elyria, Ohio. Heating apparatus. 1,569,220; Jan. 12.
Drake, John L., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Sheet-glass apparatus. 1,569,465; Jan. 12.
Drake, John L., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Sheet-glass-rolling apparatus. 1,569,466; Jan. 12.
Draper Corporation. (See Stone, Melvin L., assignor.)
Dredge, William, Manchester, England. Baker's oven. 1,569,009; Jan. 12.
Duda, Oswald, assignor to Reed Roller Bit Company, Houston, Tex. Tool for straightening well casings. 1,569,729; Jan. 12.
Dunham, Bert G., Hawthorne, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Pay-station telephone system. 1,569,623; Jan. 12.
Dunham, Forrest T., Oakville, Wash. Cable hoisting and conveying apparatus. 1,569,176; Jan. 12.
Dunn, Samuel J., Windsor, Victoria, Australia. Box-hoop-strapping mechanism. 1,569,359; Jan. 12.
Dupee, Charles F. (See Daniloff, S., and Dupee.)
Duplex Printing Press Company. (See Bechman, Henry F., assignor.)
Dupré, William H., Vicksburg, Miss. Force filler for grease cups. 1,569,268; Jan. 12.
Durham, Joseph, Sydney, New South Wales, Australia. Sound box of talking machines. 1,569,317; Jan. 12.
Durrant, George, Fairfield, Manchester, England. Guiding fabrics into stentering and other machines. 1,569,077; Jan. 12.
Dynamics Corporation of America, The. (See Berry, Harold R., assignor.)
Eagle Pencil Company. (See Pearson, Eric G., assignor.)
Eagelston, Frank W., Berkeley, Calif. Traveling bridge crane. 1,569,269; Jan. 12.
Eanes, Hugh P., assignor to Paramount Machine Co., Inc., Asheville, N. C. Tying-in machine. 1,569,730; Earhart, Wilbur F. (See Smith, G. D., and Earhart.)
Edwards, Charles R., Houston, Tex. Pump. 1,569,731; Jan. 12.
Edwards, Henry, North Finchley, London, England. Surgical device for use with the feet. 1,569,467; Jan. 12.
Edwards, Zanzie, Clarksville, Tenn. Pipe cleaner. 1,569,360; Jan. 12.
Eggers, Harold E., Omaha, Nebr. Humidifier. 1,569,177; Jan. 12.
Egli, Arnold A., Bern, assignor, by mesne assignments, to Chocolat Tobler Holding Co., Aktiengesellschaft, Schaffhausen, Switzerland. Canceling device. 1,569,540; Jan. 12.

Einfeldt, Ernest E., assignor to G. W. French, J. L. Hecht, and W. H. Stackhouse, Davenport, Iowa. Making metal wheels. 1,568,966; Jan. 12.
Electric Auto-Lite Company, The. (See Sippel, E. H., and Hancox, assignors.)
Electron Relay Company, The. (See Laise, Clemens A., assignor.)
Elevator Safety Appliance Company. (See Brush, Frederick F., assignor.)
Elliott Company. (See West, Perry, assignor.)
Elliott, Edward O., Philadelphia, Pa. Crank-axle counterbalance. 1,569,732; Jan. 12.
Elliott, Frank W. (See Evins, Dossa D., assignor.)
Ellis, Lewis M., Connersville, Ind., assignor to Winslow Safety High Pressure Boiler Company, Chicago, Ill. Heating system. 1,568,967; Jan. 12.
Elton, Murray S. and G. E. Barnhart, Pasadena, Calif. Maintaining a reserve in fuel tanks. 1,569,078; Jan. 12.
Elzey, Edgar P., Parkersburg, W. Va. Motor-car-elevating cradle or skid. 1,569,469; Jan. 12.
Ely, Bernard M., assignor to Lambert Machine Co., Marshall, Mich. Chaff remover. 1,569,468; Jan. 12.
Emerson Electric Mfg. Co., The. (See Janco, Joseph J., assignor.)
Emmerich, Chas., & Co. (See Becker, Ray, assignor.)
Endsley, Gilbert F., Somerset, Pa. Leveler. 1,569,270; Jan. 12.
Enterprise Aluminum Company, The. (See Jamison, Charles R., assignor.)
Erickson, Peter, Ogema, Saskatchewan, Canada. Poisoned-food corral. 1,569,624; Jan. 12.
Eureka Furnace Coal & Oil Economy Company. (See Rowley, John T., assignor.)
Evans, Albert E., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for cracking off and handling continuously-formed sheet glass. 1,569,079; Jan. 12.
Evins, Dossa D., assignor of one-half to F. W. Elliott, Davenport, Iowa. Posture-adjusting table. 1,568,968; Jan. 12.
Ewasen, John, Moscow, Idaho. Plow. 1,569,271; Jan. 12.
Fafnir Bearing Company, The. (See Searles, Raymond R., assignor.)
Fagerlund, Erik A., Stocksund, Sweden. Light sign. 1,569,080; Jan. 12.
Fairchild, Sherman M., Oneonta, N. Y. Camera. 1,568,969; Jan. 12.
Faithfull, Stanley E., Boston, Mass. Manufacture of lactic acid. 1,569,221; Jan. 12.
Falder, Simon N., Los Angeles, Calif. Inking pad. 1,569,470; Jan. 12.
Falk Corporation, The. (See Banner, Otto A., assignor.)
Fansler, Frederick E., Acton, Ind. Steering mechanism for automobiles. 1,569,733; Jan. 12.
Farnsworth, John, Philadelphia, Pa. Galley side lock. 1,569,361; Jan. 12.
Fassett, George R., assignor to W. J. Sanborn, Lakewood, Ohio. Insulated vessel for cooking, holding, and serving food. 1,569,734; Jan. 12.
Fayfield Knoll Company. (See Miller, J. C. and Fayfield, assignors.)
Fayfield, Robert H. (See Miller, J. C., and Fayfield.)
Feagins, James, Frisco, Tex. Cotton thinner. 1,569,802; Jan. 12.
Federal Telephone Manufacturing Corporation. (See Horle, Lawrence C. F., assignor.)
Felder, Mathias A., Madison, Ind. Lining jig. 1,569 119; Jan. 12.
Ferguson, Alexander D., Oldham, England, assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,569,362; Jan. 12.
Ferrell, Dent and A. W. Helmholtz, Harrisburg, Ill. Combination blasting method and means. 1,569,222; Jan. 12.
Ferrell, Dent. (See Helmholtz, A. W., and Ferrell.)
Firestone Tire and Rubber Company, The. (See Hargraves, Albert, assignor.)
Fischer, Franz J., Dresden, Germany. Current-converting means. 1,569,541; Jan. 12.
Fischer, Howard L. and F. J. Kristofek, assignors to Brown & Bigelow, St. Paul, Minn. Pencil. Re16,253; Jan. 12.
Flannery Bolt Company. (See Dodds, Ethan I., assignor.)
Flannery Bolt Company. (See Landgraf, Frederick K., assignor.)
Fletcher, John M., et al. (See Sease, Chester A., assignor.)
Florsheim, Mordecai B., Richmond, Va. Coat. 1,569,735; Jan. 12.
Foppiano, Umbert, Valparaiso, Chile. Paintbrush guard. 1,569,736; Jan. 12.
Ford, Henry, Dearborn, Mich. Pulley for tractors. 1,569,081; Jan. 12.
Fording, William G., Lakewood, Ohio. Tire stand. 1,569,737; Jan. 12.
Forshee, Ernest L., Akron, Mich. Poultry drinking fountain. 1,569,738; Jan. 12.
Förster, Adolf, Kullehund, near Christiania, Norway. Manufacture of artificial wood. 1,569,272; Jan. 12.
Foster, Cassius M., Toledo, Ohio. Fluid-pressure indicator. 1,569,178; Jan. 12.

Four Wheel Drive Auto Company. (See Dodge, Harry B., assignor.)
Fowle, Arthur E., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Sheet-glass-drawing apparatus. 1,569,471; Jan. 12.
Fox Furnace Company, The. (See Downe, Edward R., assignor.)
Fox, John H., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apron for plate-glass machines. 1,569,082; Jan. 12.
Frederick Snare Corporation. (See Lockwood, Willard D., assignor.)
Freeman, Ernest H., Wilmette, Ill. Integrating meter. 1,568,970; Jan. 12.
French, G. Watson, et al. (See Einfeldt, Ernest E., assignor.)
Freund, Conrad, St. Paul, Minn. Toe weight. 1,569,739; Jan. 12.
Frey, Anna E., Philadelphia, Pa. Manicuring implement. 1,569,083; Jan. 12.
Fried, Michael. (See Gaven, W. J., and Fried.)
Froney, Maynard A., Racine, Wis. Machine for preparing food products. 1,569,472; Jan. 12.
Fuller, Bert, Newark, Calif. Car door. 1,569,834; Jan. 12.
Fuller Brush Company, The. (See Lucia, Louis V., assignor.)
Galbraith, John M., Minneapolis, and L. N. Jensen; said Galbraith assignor of one-fourth to Mrs. K. Jensen, St. Paul, Minn. Locked dust cap for tire valves. 1,569,273; Jan. 12.
Galbaed, Max, St. Louis, Mo. Combination coat and overcoat. 1,568,971; Jan. 12.
Gallon Iron Works & Mfg. Co., The. (See Keeler, Raymond W., assignor.)
Garcia, Andrés, Brooklyn, N. Y. Propeller. 1,569,473 Jan. 12.
Garden City Plating and Manufacturing Company. (See Kurtzon, George B., assignor.)
Gardner, Frank, Dallas, Tex. Pump jack. 1,569,318; Jan. 12.
Garrett, Charles A., Philadelphia, Pa. Printing attachment for cap-forming machines. 1,569,363; Jan. 12.
Garrett, Garfield A., Dorrance, Kans. End gate. 1,569,274; Jan. 12.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock-drilling mechanism. 1,569,542; Jan. 12.
Gates, John W., Montreal, Quebec, Canada. Furnace arch. Re16,249; Jan. 12.
Gauger, Frank A., Milwaukee, Wis. Oven regulator. 1,569,474; Jan. 12.
Gauthier, Paul, Courbevoie, France. Automatic lifting windlass. 1,569,626; Jan. 12.
Gaven, Mary E., administratrix. (See Gaven, W. J., and Fried.)
Gaven, William J., deceased, Wilkes-Barre, Pa., and M. Fried, Mount Vernon, N. Y.; M. E. Gaven, administratrix. Molding plastic materials. 1,569,625; Jan. 12.
Gebhard, Carl, Los Angeles, Calif. Furniture support. 1,569,319; Jan. 12.
Geimer, Anthony P., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Cabinet. 1,569,010; Jan. 12.
Gelencser, Geza. (See Braun, M., and Gelencser.)
General Electric Company. (See Dickinson, Wilbur K., assignor.)
General Electric Company. (See Kellogg, Edward W., assignor.)
General Electric Company. (See Murphy, Edwin J., assignor.)
General Electric Company. (See Schwennker, Charles F., assignor.)
General Motors Corporation. (See Hannum, George H., assignor.)
Gesellschaft für Drahtlose Telegraphie m. b. H. (See Leib, August, assignor.)
Getchell, Benjamin E., assignor to Trumbull Electric Manufacturing Company, Plainville, Conn. Electric relay. 1,569,364; Jan. 12.
Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Relay. 1,569,803; Jan. 12.
Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Relay construction. 1,569,804; Jan. 12.
Gilbert, Clarence E., Aberdeen, S. Dak. Implement attachment for tractors. 1,569,011; Jan. 12.
Gildersleeve, Benjamin E., Lynchburg, Va. Automatic mine-car coupler. 1,569,012; Jan. 12.
Gill, Thomas H. (See Myers, William M., assignor.)
Gilson, James H., Chicago, Ill. Bathing cap. 1,569,475; Jan. 12.
Gischlar, Peter. (See Burns, O., and Gischlar.)
Glaspey, Warren E., and F. W. Cox, assignors to The Cox and Sons Company, Bridgeton, N. J. Pipe-threading die. 1,569,740; Jan. 12.
Gleason, Andrew and C. E., Hamilton, Ohio. Auxiliary air supply means for explosive engines. 1,569,476; Jan. 12.
Gleason, Cornelius E. (See Gleason, Andrew and C. E.)
Glidden, Alfred A., assignor to Hood Rubber Company, Watertown, Mass. Paving block. 1,569,741; Jan. 12.
Glover, William S. C., Oxford, England. Device for fastening doors, windows, and the like. 1,569,120; Jan. 12.

Goebel, Rhyne G. (See Buescher, O., and Goebel.)
Goerling, Joseph B., Wausau, Wis. Pencil attachment. 1,569,742; Jan. 12.
Goetschius, Dalton M., Canonsburg, and L. F. Vogt, Washington, assignors to Standard Chemical Company, Pittsburgh, Pa. Filter. 1,569,627; Jan. 12.
Goetschius, Dalton M., Canonsburg, and L. F. Vogt, Washington, assignors to Standard Chemical Company, Pittsburgh, Pa. Filter. 1,569,628; Jan. 12.
Goetz, Henry F., assignor to The Chase Companies Inc., Waterbury, Conn. Spoon or similar article. Des 69,212; Jan. 12.
Goldberg, Samuel, assignor to Universal Fixture Corporation, New York, N. Y. Display fixture. 1,569,365; Jan. 12.
Goldberg, Samuel, assignor to Universal Fixture Corporation, New York, N. Y. Display rack. 1,569,366; Jan. 12.
Goldrick, Albert R. (See Hazelett, C. W., and Goldrick.)
Goldsworthy, William J., San Francisco, Calif. Golf practicing and training device. 1,569,084; Jan. 12.
Gomila, John G., assignor to World Bottling Co., Ltd., New Orleans, La. Bottle. Des. 69,213; Jan. 12.
Good, John D., Hoboken, N. J. Adjustable shade-roller support. 1,569,629; Jan. 12.
Goodrich, B. F., Company, The. (See Merrill, Allan B., assignor.)
Goodwin, Ernest, assignor to The Edwin M., Knowles China Co., East Liverpool, Ohio. Plate or similar article. Des. 69,214; Jan. 12.
Goodwin, Leon E., Portsmouth, N. H. Automobile fender. 1,569,743; Jan. 12.
Goolthrite, James C. (See Urie, James W., assignor.)
Gore, Charles, Los Angeles, Calif. Vehicle speed indicator. 1,569,223; Jan. 12.
Gowran, Harry C., assignor to The Hamilton Manufacturing Company, Two Rivers, Wis. Cabinet. 1,569,013; Jan. 12.
Graham & Norton Company. (See Norton, Clifford, assignor.)
Graham, Robert, assignor to Auto Rim Company Limited, Toronto, Ontario, Canada. Demountable rim. 1,569,477; Jan. 12.
Grant, Wheadon M., Birmingham, Ala., assignor to Illinois Anthracite Corporation, New York, N. Y. Combined spreading and scraping mechanism for distillation apparatus. 1,569,478; Jan. 12.
Green, Jack, Norfolk, Va. Clamp for cylindrical containers. 1,569,275; Jan. 12.
Green, William, Newton, Mass. Refrigerating system and process. 1,569,744; Jan. 12.
Greenland, Lloyd D., Des Moines, Iowa. File holder. 1,569,276; Jan. 12.
Greenland, Reese D. (See McMenamin, M. J., Nixon, and Greenland.)
Griffin, George A., Oakland, Calif. Illuminated sign. 1,569,423; Jan. 12.
Griffin, Maurice F., Los Angeles, Calif. Trunk. 1,569,320; Jan. 12.
Griffith, Thomas R., Dover, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electron-discharge device. 1,569,630; Jan. 12.
Groehn, Otto J., assignor to Clayton & Lambert Manufacturing Company, Detroit, Mich. Burner construction. 1,569,479; Jan. 12.
Grogan, Michael, Savannah, Ga. Lubricator for saw blades. 1,569,631; Jan. 12.
Grubman Engineering & Manufacturing Co. (See Grubman, Leo J., assignor.)
Grubman, Leo J., Belle Harbor, Long Island, assignor to Grubman Engineering & Manufacturing Co. Inc., Long Island City, N. Y. Device for applying eyelashes to doll eyes. 1,569,480; Jan. 12.
Gruendler, Gustav J., Clayton, Mo. Refrigerator. 1,569,179; Jan. 12.
Guarantee Liquid Measure Company. (See MacKenzie, George W., assignor.)
Guilhem, Victor E., Bordeaux, France. Pickle jar. Des. 69,215; Jan. 12.
Guilhem, Victor E., Bordeaux, France. Pickle jar. Des. 69,216; Jan. 12.
Gunderman, Lester S., Pittsburgh, Pa. Mechanical toy. 1,569,225; Jan. 12.
Gunzelman, Charles A. and W. J., Abilene, Kans. Card shuffler. 1,569,277; Jan. 12.
Gunzelman, William J. (See Gunzelman, Charles A. and W. J.)
Gygar, Joseph A., Brisbane, Queensland, Australia. Apparatus for the engagement and disengagement of multiple-disk clutches of motor vehicles. 1,569,321; Jan. 12.
Habann, Wilhelm E. E., assignor to the Firm of Deutsche Telephonwerke Gesellschaft mit beschrankter Haftung, Berlin, Germany. High-frequency generating system. 1,569,481; Jan. 12.
Häberle, Friedrich, Fschieren, near Dresden, assignor to Sachsenwerk, Licht- und Kraft-Aktiengesellschaft, Niedersedlitz, near Dresden, Saxony, Germany. Bobbin for transformer windings and the like. 1,569,482; Jan. 12.
Hagberg, Bernard, Muskegon, Mich. Gas-cock lock. 1,569,180; Jan. 12.
Haglund, Ture R., Stockholm, Sweden. Treatment of oxidic raw materials. 1,569,483; Jan. 12.
Hale, Arthur B., Tampa, Fla., assignor, by mesne assignments, to F. J. Sérigné Machine Company, Nashua, N. H. Fruit-marking machine. 1,569,224; Jan. 12.
Hall, Everett J., Passaic, N. J., assignor to Metals Disintegrating Company, Inc., New York, N. Y. Disintegrating metals in a ball mill or the like. 1,569,484; Jan. 12.
Hall, Newton L., Salt Lake City, Utah. Sausage sandwich and roll therefor. 1,569,121; Jan. 12.
Halversen, Hans N., Vineland, N. J., assignor to Kimble Glass Company, Chicago, Ill. Glass-body-forming machine. 1,569,652; Jan. 12.
Halvorsen, Axel I. S., Albany, Ind. Receptacle for flour and the like. 1,569,122; Jan. 12.
Halvorsen, Halbert B., Michigan City, Ind., assignor to Sullivan Machinery Company. Core drill. 1,569,653; Jan. 12.
Hamblet, Boyd, Florence, Colo. Automobile steering wheel and electric headlight switch. 1,569,123; Jan. 12.
Hamilton Manufacturing Company. (See Geimer, Anthony P., assignor.)
Hamilton Manufacturing Company, The. (See Gowran, Harry C., assignor.)
Hammond, John H., jr., Gloucester, Mass. Dirigible device. 1,568,973; Jan. 12.
Hammond, John H., jr., Gloucester, Mass. Dirigible device. 1,568,974; Jan. 12.
Hammond, John H., jr., Gloucester, Mass. System of aeroplane control. 1,568,972; Jan. 12.
Hancox, Harold A. (See Sippel, E. H., and Hancox.)
Hand, Edline R., Toledo, Ohio. Radiocompass reading device for ships. 1,569,745; Jan. 12.
Hankey, John H., assignor to The W. H. Reisner Mfg. Company, Hagerstown, Md. Soldering apparatus. 1,569,746; Jan. 12.
Hannum, George H., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Steering mechanism for motor vehicles. Re16,247; Jan. 12.
Hanson, Anton F. E., Amsterdam, assignor to N. V. Fabriek van Instrumenten en Electrische Apparaten Inventum, Bilthoven, Netherlands. Cock provided with electric liquid-heating means. 1,569,485; Jan. 12.
Hardin, Glenn S., assignor of one-half to C. E. Johnson, Spokane, Wash. Desk attachment. 1,569,486; Jan. 12.
Hargraves, Albert, assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Resilient tire. Des. 69,217; Jan. 12.
Harris, Thomas, Woonsocket, R. I. Artificial-filament-spinning frame. 1,569,487; Jan. 12.
Harrison, John S. V. (See Clay, J. R., and Harrison.)
Harter, Lloyd E., Richmond, Ind. Furnace carburetor. 1,569,488; Jan. 12.
Hartman, Harry F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Brush-holder contact finger. 1,569,367; Jan. 12.
Hartman, Thomas J., Chicago, Ill. Football helmet. 1,569,181; Jan. 12.
Hartwell, Fred G., assignor to A. C. Johnston, Chicago, Ill. Stop for bridge towers. 1,568,975; Jan. 12.
Harvey, Corbon L. (See Hermann, Otto L., assignor.)
Harvey, Harry D. (See Bohnhardt, Charles F. H., assignor.)
Harvey, Harry D. (See Chenowith, W. H., and Schimpf, assignors.)
Hatt, Joseph A. H., New York, N. Y. Making photomechanical printing plates. 1,569,124; Jan. 12.
Haubroe, Werner C. L., Copenhagen, Denmark. Machine-gun support. 1,569,014; Jan. 12.
Haug, Charles F., Brooklyn, N. Y. Candy confection. 1,569,747; Jan. 12.
Haviland, George, Limoges, France. Covered dish or similar article. Des. 69,218; Jan. 12.
Haviland, George, Limoges, France. Cup or similar article. Des. 69,219; Jan. 12.
Hawkins, Frederick L., assignor to Mishawaka Novelty Company, Mishawaka, Ind. Curtain rod. 1,569,748; Jan. 12.
Hays, Thomas F., North Little Rock, assignor of one-fourth to J. W. Delaney, Little Rock, Ark. Boiler and tank stud fitting. 1,569,015; Jan. 12.
Hazelett, Clarence W., Lakewood, and A. R. Goldrick, assignors, by mesne assignments, to The Cleveland Trust Company, trustee, Cleveland, Ohio. Storage-battery container. 1,569,125; Jan. 12.
Headley, Irving T., Washington, D. C. Combination library table and vanity table. 1,569,489; Jan. 12.
Headson, Frank A., Milwaukee, Wis. Packing. 1,569,182; Jan. 12.
Hearns, I. K., et al. (See Maxwell, Erastus M., assignor.)
Hebert, Joseph A., Freeport, Tex. Oil burner. 1,569,805; Jan. 12.
Hecht, Joseph L., et al. (See Einfeldt, Ernest E., assignor.)
Heilman, Ross V. (See Van Orman, B. L., and Heilman.)
Heise, Otto W., Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Retard device for Bourdon gauges. 1,569,749; Jan. 12.
Heisey, A. H., & Company. (See Heisey, T. Clarence, assignor.)

Heisey, T. Clarence, assignor to A. H. Heisey &, Company, Newark, Ohio. Jug. Des. 69,220; Jan. 12.
Hellmund, Rudolf E., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Rectified-current commutator motor. 1,569,368; Jan. 12.
Helmholtz, Arthur W., and D. Ferrell, Harrisburg, Ill. Mechanical pressure device. 1,569,226; Jan. 12.
Helmholtz, Arthur W. (See Ferrell, D., and Helmholtz.)
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,569,016; Jan. 12.
Helwig, Eugene C., Hackensack, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,569,654; Jan. 12.
Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Dynamometer. 1,569,543; Jan. 12.
Herman, Charles H., and F. G. Schroer, Kansas City, Mo.; said Schroer assignor to said Herman. Well-drilling apparatus. 1,569,183; Jan. 12.
Hermann, Otto L., St. Louis, Mo., assignor to C. L. Harvey, Detroit, Mich. Ledger rack. 1,569,750; Jan. 12.
Herring, John H. (See Lindsey, Ernest E., assignor.)
Herring, Max, Waukegan, Ill. Detachable handle. 1,569,184; Jan. 12.
Hettinger, Henry T., Pittsburgh, Pa. Clothes hanger. 1,569,369; Jan. 12.
Hetzel, A. H., et al. (See Ross, George W., assignor.)
Hetzel, F. L., et al. (See Ross, George W., assignor.)
Heyne, William H., jr., Passaic, N. J. Ticket-printing machine. 1,569,085; Jan. 12.
Hickman, Clifford M., Newark, N. J. Electric-fixture support. 1,569,278; Jan. 12.
Higgins, Howard R., Glenellyn, Ill., assignor, by mesne assignments, to Marlin-Rockwell Corporation, Jamestown, N. Y. Dustproof bearing. 1,569,751; Jan. 12.
Higgins, John J., East Orange, N. J., assignor to Westinghouse Lamp Company. Machine and method for sealing incandescent lamps. 1,569,185; Jan. 12.
Hilfman, Harry. (See Roettges, Frederick, assignor.)
Hilfman, Harry. (See Villaret, Gustave E., assignor.)
Hilke, Henry C., and T. H. Boyd, Seattle, Wash. Automatic check for trimmer saws. 1,569,186; Jan. 12.
Hill Compressor & Pump Company, The. (See Hill, Ebenezer, assignor.)
Hill, Ebenezer, South Norwalk, Conn., assignor to The Hill Compressor & Pump Company, New York, N. Y. Rotary compressor. 1,569,370; Jan. 12.
Hill, Guy B., Oneida, Wis. Lifter for ice-cream cans. 1,569,126; Jan. 12.
Hine, Charles F. (See Rees, C., and Hine.)
Hirakawa, Harue, San Diego, Calif. Prize game apparatus. 1,569,752; Jan. 12.
Hiscock, Joseph H., Minneapolis, Minn. Guiding radial routers. 1,569,490; Jan. 12.
Hitchcock Experiment Company. (See Hitchcock, Halbert K., assignor.)
Hitchcock, Halbert K., Pittsburgh, Pa., assignor of one-half to Hitchcock Experiment Company. Apparatus for making sheet glass. 1,569,086; Jan. 12.
Hnatuk, David. (See Johnson, F., and Hnatuk.)
Hobbs, Orace P., Winder, assignor to Warren De Sosa, Atlanta, Ga. Cotton duster. 1,569,017; Jan. 12.
Hoberecht, Frederick A., Oakland, Calif. Valve-steam-packing washer. 1,569,322; Jan. 12.
Hodgkins, Charles H., Pittsburgh, Pa., assignor to Westinghouse Electric Manufacturing Company. Starting mechanism for automobiles. 1,569,371; Jan. 12.
Hoffer, Le Roy H., assignor to T. E. Murray, Brooklyn, N. Y. Press and similar machine. 1,569,323; Jan. 12.
Hoffmann, William R., Oregon, Mo. Pipe-supporting attachment. 1,569,279; Jan. 12.
Holdaway, William S., Los Angeles, Calif. Disk bit. 1,569,280; Jan. 12.
Holland, William W., Wood River, Ill. Anticreeper. 1,569,806; Jan. 12.
Hollup, C. H., Corporation. (See Pennington, Harry R.)
Holt, John W., Cleveland, Ohio. Electric welding mechanism. 1,569,127; Jan. 12.
Hood Rubber Company. (See Glidden, Alfred A., assignor.)
Hooven & Allison Company, The. (See Regan, Albert L., assignor.)
Hoover Company, The. (See Bates, Albert H., assignor.)
Hoover Company, The. (See Richardson, Max C., assignor.)
Hopkins, Charles E., deceased, Plainfield, N. J.; The Plainfield Trust Company, administrator. Stereotype apparatus. 1,569,491; Jan. 12.
Hopkins, Charles L., River Forest, and C. E. Warner, Berwyn, assignors to Benjamin Electric Manufacturing Company, Chicago, Ill. Attachment plug. 1,569,018; Jan. 12.
Hopwood, John G., et al. (See Sease, Chester A., assignor.)
Horle, Lawrence C. F., Newark, N. J., assignor, by mesne assignments, to Federal Telephone Manufacturing Corporation, Buffalo, N. Y. Current-controlling means. 1,569,372; Jan. 12.
Horne, George H., Glendale, assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical precipitation of suspended material from gases. 1,569,492; Jan. 12.
Horton, Clement E., Waterbury, assignor to Berbecker & Rowland Manufacturing Company, Waterville, Conn. Support for curtains. 1,569,324; Jan. 12.
Hosler, Lillian K., et al. (See Blackman, Mabel, assignor.)
Hotchkin, Paul M., Chicago, Ill. Cove reflector and holder therefor. 1,569,498; Jan. 12.
Hotchkiss, Thomas, Gillespie, Ill. Car coupler. 1,569,281; Jan. 12.
Hueseman, William M., Dillsboro, Ind. Combined slide and button loop for overalls. 1,569,019; Jan. 12.
Huestis, Charles D. C. (See Anderson, Walker G., assignor.)
Hughes, Edward E., Wallace, Idaho. Headlight. 1,569,282; Jan. 12.
Hull, Matthew R., assignor to Rex Manufacturing Company, Connersville, Ind. Hinge support for automobile tops. 1,569,807; Jan. 12.
Hume, John, Houston, Tex., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake device. 1,569,087; Jan. 12.
Humphrey, Ernest N., New Britain, Conn. Buckle. 1,569,088; Jan. 12.
Humphreys, Charles F., Lancaster, Pa., assignor to Armstrong Cork Company. Surface covering and decorating the same. Re16,250; Jan. 12.
Hunt, Andrew M., New York, N. Y., assignor to Standard Stoker Company, Incorporated, Wilmington, Del. Locomotive-stoker manganese-steel universal joint. 1,569,055; Jan. 12.
Hunter, Frank M., et al. (See Sease, Chester A., assignor.)
Hurd, Benjamin W., San Francisco, Calif. Container used for charging fluids or gases with the emanations evolved from radioactive substances. 1,569,494; Jan. 12.
Hurd, Norman B., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 1,569,227; Jan. 12.
Hurd, Norman B., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 1,569,228; Jan. 12.
Hussong Dyeing Machine Company. (See Thompson, James H., assignor.)
Hutchinson, Louie C., Montgomery, Ala., assignor of twenty one-hundredths to B. B. Carter and thirty-five one-hundredths to T. C. Underwood, Gardena, Calif. Electric switch lock. 1,569,753; Jan. 12.
Hutchinson Manufacturing Co. (See Park, Richard G., jr., assignor.)
Hutchison, Alfred W., Chicago, Ill. Control for an oil-burner feed. 1,569,020; Jan. 12.
Hutt, Albert E., Ardmore, Pa. Combination passenger, day, and sleeping coach. 1,569,754; Jan. 12.
Hutton, Ulric O. (See Schmidt, E. N., and Hutton.)
Illinois Anthracite Corporation. (See Grant, Wheadon M., assignor.)
Immel, George F., Willard, Ohio. Reel. 1,569,495; Jan. 12.
Indiana Cash Drawer Company. (See Showers, Joseph R., assignor.)
Ingersoll-Rand Company. (See Parsons, Frederick W., assignor.)
Ingersoll-Rand Company. (See Slater, Fred M., assignor.)
International Precipitation Company. (See Anderson, Evald, assignor.)
International Precipitation Company. (See Horne, George H., assignor.)
International Precipitation Company. (See Viets, Floyd H., assignor.)
International Precipitation Company. (See Weiskopf, Charles H., assignor.)
Irvin, Webb T., Lompoc, assignor to The Celite Company, Los Angeles, Calif. Heat-insulating material and making molded bodies thereof. 1,569,755; Jan. 12.
J. I. Case Threshing Machine Company. (See MacGregor, Wallace F., assignor.)
Jacobus, George R., Hawthorne, N. J. Tee marker. 1,569,424; Jan. 12.
James, Henry D., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control system. 1,569,373; Jan. 12.
James, William F. (See Law, John D., assignor.)
Jamison, Charles R., Canton, assignor to The Enterprise Aluminum Company, Massillon, Ohio. Frying basket. 1,569,544; Jan. 12.
Janca, Joseph J., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Friction hinge. 1,569,089; Jan. 12.
Jenkins, James E., Highland Park, Mich. Motor vehicle. 1,569,808; Jan. 12.
Jensen, Louis N. (See Galbraith, J. M., and Jensen.)
Jensen, Mrs. Karen. (See Galbraith, J. M., and Jensen, assignors.)
Jewell, Jesse R., assignor to National Manufacturing Company, Lincoln, Nebr. Relief means for pressure cookers. 1,569,187; Jan. 12.
Jobin, Marie L. A. (See Vernes A., Bricq, Jobin, and Yvon.)
Johantgen, Oliver D., Oak Park, assignor to Victor Adding Machine Co., Chicago, Ill. Calculating machine. 1,569,188; Jan. 12.

Johnson, Arthur W., Milwaukee, assignor to Bradley Knitting Co., Delevan, Wis. Shaping and drying fabric articles. 1,569,283; Jan. 12.
Johnson, Charles E. (See Hardin, Glenn S., assignor.)
Johnson, Edward C., Ireton, Iowa. Hog holder. 1,569,496; Jan. 12.
Johnson, Fred D., Moline, Ill. Drafting board. 1,569,090; Jan. 12.
Johnson, Fred and D. Huntuk, district of Algoma, Ontario, Canada. Cutter. 1,569,809; Jan. 12.
Johnson, John A., Los Angeles, Calif. Marine propulsion. 1,569,497; Jan. 12.
Johnson, Robert H., Washington, D. C. Gasoline heater. 1,569,810; Jan. 12.
Johnson Service Company. (See Otto, Arthur J. and C. A., assignors.)
Johnston, Arthur C. (See Hartwell, Fred G., assignor.)
Johnston, Howard H., Edgwood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control apparatus. 1,569,374; Jan. 12.
Jones, Evan, Pittaburgh, and W. R. McKrell, Avalon, Pa. Regulating valve. 1,568,976; Jan. 12.
Jones, Francis H., Cicero, Ill. Shock absorber. 1,569,229; Jan. 12.
Jones, Walter C., Evanston, Ill. Steel lumber. Re16,248; Jan. 12.
Jordan, Ernest, New York, N. Y. Air heater for furnaces. 1,569,811; Jan. 12.
Jorgensen, Emil, Stillwater, British Columbia, Canada. Wire-rope connection. 1,569,021; Jan. 12.
Joslin, Edwin E., Portland, Oreg. Automatic liquid control. 1,569,375; Jan. 12.
Jousset, Albert D., and H. D. Malone, Paterson, N. J. Trailer truck. 1,569,498; Jan. 12.
Junghans, Oskar, Schramberg, Germany. Mechanical time fuse. 1,569,545; Jan. 12.
Kadel, Byers W., Baltimore, Md., assignor, by mesne assignments, to The Symington Company. Draft rigging. 1,569,812; Jan. 12.
Kägi, Emil, assignor to Sulzer Frères Société Anonyme, Winterthur, Switzerland. Condenser for use with refrigerators. 1,569,49; Jan. 12.
Kahle, Walter, Erfurt, assignor to A E G Deutsche Werke Aktiengeseellschaft, Berlin, Germany. Typewriter. 1,569,546; Jan. 12.
Kalamazoo Loose Leaf Binder Co. (See Wigginton, George P., assignor.)
Kasarnowski, Leo. (See Osnos, M., and Kasarnowski.)
Kastler, William, St. Louis, Mo. Platen return. 1,569,284; Jan. 12.
Katona, Louis F., Los Angeles, Calif. Shut-off valve. 1,569,285; Jan. 12.
Kauffmann, John W., Chicago, Ill. Hop-package cutter. 1,569,547; Jan. 12.
Kean, William P., Detroit, Mich. Digging machine. 1,569,091; Jan. 12.
Keating, John B., Piedmont, Calif, assignor to Byron Jackson Pump Mfg. Co., Berkeley, Calif. Compression-sleeve seal. 1,569,092; Jan. 12.
Keeler, Raymond W., assignor to The Gallon Iron Works & Mfg. Co., Galion, Ohio. Scarifier for tractors. 1,569,813; Jan. 12.
Keene, Alvin D., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Furnace resistor mounting. 1,569,376; Jan. 12.
Kehse, Walter, Dresden-Kemnitz, Germany. Winding apparatus for the manufacture of insulating tubes consisting of paper and resin. 1,569,656; Jan. 12.
Kelleher, Thomas J., Chicago, Ill. Bending brake. 1,569,022; Jan. 12.
Kellog, George, New York, N. Y. Button. 1,569,548; Jan. 12.
Kellogg, Edward W., Schenectady, N. Y., assignor to General Electric Company. Radio transmission system. 1,569,835; Jan. 12.
Kellogg Switchboard and Supply Company. (See Bohlman, Ernest A., assignor.)
Kennedy, David S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing and distributing machine. 1,568,977; Jan. 12.
Kennedy, William & Sons, Limited, The. (See Keon, James J., assignor.)
Kennon, Charles W., Tampa, Fla. Washboard. 1,569,814; Jan. 12.
Kent, Arthur A., Ardmore, Pa. Ignition coil. 1,569,756; Jan. 12.
Keon, James J., assignor to The William Kennedy & Sons, Limited, Owen Sound, Ontario, Canada. Stoplog winch. 1,569,500; Jan. 12.
Kenppner, Ernst, assignor to the Firm Blechspielwarenfabrik Johann Distler, Nuremberg, Germany. Aerial-navigation toy. 1,569,549; Jan. 12.
Kilbride, John T. (See Crudginton, R. F., and Kilbride.)
Kimble Glass Company. (See Halversen, Hans N., assignor.)
Kimmelstiel, Samuel A., New York, N. Y. Base for display stand. Des. 69,221; Jan. 12.
King, Joseph H., San Diego, Calif. Grindstone. 1,569,757; Jan. 12.
Kinney, James A., Lebanon, assignor to Bethlehem Steel Company, Bethlehem, Pa. Bucket-dumping apparatus. 1,569,501; Jan. 12.
Kirkland, Hugh A., assignor to A. A. Dekum, Portland, Oreg. Automatic cut-off for heating devices. 1,569,815; Jan. 12.
Kline, Harold B., assignor to National Automatic Teller Corporation, Utica, N. Y. Auxiliary banking means. 1,568,978; Jan. 12.
Knauss, Francis J., administrator. (See Slocum, Leslie G. S.)
Knowles, Edwin M., China Co., The. (See Goodwin, Ernest, assignor.)
Knudsen, Knud, Danbury, Conn. Multiple push button. Des. 69,222; Jan. 12.
Knudsen, Vern O., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Oscillation generator. 1,568,979; Jan. 12.
Koch, Fritz and R. Pohlmann, Cronenberg, Germany. Saw-setting machine. 1,569,023; Jan. 12.
Koeck, Martin, jr., Fond du Lac, assignor to Deltox Rug Company, Oshkosh, Wis. Grass-twine machine. 1,569,758; Jan. 12.
Koenig, George, Lawler, Iowa. End gate. 1,569,128; Jan. 12.
Kohn, Sigmund F., New York, N. Y. Ironing board. 1,568,980; Jan. 12.
Kohnle, Frederick, Dayton, Ohio. Type chase. 1,569,189; Jan. 12.
Koppers, Heinrich. (See Onderbeck, Emil, assignor.)
Kosken, Wilho A., New York, N. Y. assignor, by mesne assignments, to B. F. Smith, Concord, Mass. Twister ring. 1,569,377; Jan. 12.
Krahl, Emil C., Fairview Village, Ohio. Furniture structure. 1,569,550; Jan. 12.
Kranz, Isidore, New York, N. Y. Bracket element for an electric-lighting fixture. Des. 69,223; Jan. 12.
Kranz, Isidore, New York, N. Y. Lighting fixture. Des. 69,224; Jan. 12.
Kranz, Isidore, New York, N. Y. Electric-lighting fixture. Des. 69,225; Jan. 12.
Kranz, Isidore, New York, N. Y. Lighting fixture. Des. 69,226; Jan. 12.
Krause, Norman R., Racine, Wis., assignor of one-half to J. A. Walsh, Indianapolis, Ind. Shock absorber. 1,569,425; Jan. 12.
Krauthoff, Charles R., Washington, D. C. Massaging device. 1,569,426; Jan. 12.
Krichbaum, Ora, Delaware, Ohio. Hot-water bottle. Des. 69,227; Jan. 12.
Kristofek, Frank J. (See Fischer, H. L., and Kristofek.)
Kronman, Edward, New York, N. Y. Sterilizing and water-heating device. 1,569,836; Jan. 12.
Krupp, Oscar, Nashville, Tenn. Fire-control apparatus. 1,569,190; Jan. 12.
Kruse, Peter, assignor to E. W. Bliss Company, Brooklyn N. Y. Machine for making can bodies. 1,569,093; Jan. 12.
Kuhlke Machine Company, The. (See Kuhlke, Otto J. assignor.)
Kuhlke, Otto J., assignor to The Kuhlke Machine Company, Akron, Ohio. Vulcanizer. 1,569,551; Jan. 12.
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,569,378; Jan. 12.
Kurtis, Angelos, Brooklyn, N. Y. Automatic braking device for vehicles. 1,569,502; Jan. 12.
Kurtz, Raymond L., Denver, Colo. Device for sectional construction. 1,569,427; Jan. 12.
Kurtz, Samuel E., Sac City, Iowa, Governor. 1,569,503; Jan. 12.
Kurtzon, George B., assignor to Garden City Plating and Manufacturing Company, Chicago, Ill. Drawer pull and window lift. 1,569,094; Jan. 12.
La Force, Burdette D., Ottumwa, Iowa. Mouth gag or retractor. 1,569,504; Jan. 12.
Laherty, Edward, Nenana, Alaska. Artificial hand. 1,569,286; Jan. 12.
Lahr Motor Sales Company. (See Sandin, Arthur L., assignor.)
Laise, Clemens A., Toledo, assignor to The Electron Relay Company, Lucas County, Ohio. Body of high electron and light emission and making the same. 1,569,095; Jan. 12.
Lambert Machine Co. (See Ely, Bernard M., assignor.)
Landers, Frary & Clark. (See Smart, Joseph F., assignor.)
Landers, Frary & Clark. (See Warner, Alonzo A., assignor.)
Landgraf, Frederick K., assignor to Flannery Bolt Company, Pittsburgh, Pa. Stay bolt for boilers. 1,568,981; Jan. 12.
Langer, Harry, Milwaukee, Wis. Door fixture. 1,569,505; Jan. 12.
Larabee, Edward J., Chicago, Ill. Street signal device. 1,569,428; Jan. 12.
Larkin, Ernest M., South Bend, Ind., assignor to Westinghouse Electric & Manufacturing Company. Holding clip for lanterns. 1,569,379; Jan. 12.
Larsen, Andreas R., Minneapolis, Minn. Scarecrow. 1,569,129; Jan. 12.
Larsen, Peter M., South Bend, Ind. Reflector. 1,569,816; Jan. 12.
Lathrop, Harry D., and W. H. Paulson, Chicago, Ill.; said Paulson assignor to said Lathrop. Cooling apparatus. 1,569,191; Jan. 12.
Law, James L., Punxsutawney, Pa. Receptacle for explosives. 1,569,506; Jan. 12.
Law, John D., assignor of one-half to W. F. James, Dunedin, New Zealand. Motion-picture-projecting machine. 1,569,287; Jan. 12.

Leazer, William G., Kerrville, Tex. Riveting apparatus. 1,569,759; Jan. 12.
Leblanc, Charles L. A. M., assignor to Société Anonyme pour l'Exploitation des Procédé Maurice Leblanc-Vickers, Paris, France. Air ejector. 1,569,760; Jan. 12.
Le Blanc, Josephine. (See Doherty, H., and Le Blanc.)
Lederer, Irving R., Providence, R. I. Buckle. 1,569,507; Jan. 12.
Lee, Frank W., Janesville, Wis. Knife case. 1,569,508; Jan. 12.
Lee, George W., Willow Spring, N. C. Plow attachment. 1,569,817; Jan. 12.
Lee, John E., Buffalo, N. Y. Figure-wheeled toy. 1,569,761; Jan. 12.
Leedy, Estelle M., Bronx, N. Y. Radio toy. 1,569,509; Jan. 12.
Leib, August, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio direction finder. 1,569,325; Jan. 12.
Leicester, Jordan. (See Adams, S. A., and Leicester.)
Leins, Oscar J., assignor to Milwaukee Gas Specialty Co., Milwaukee, Wis. Flash igniter. 1,569,288; Jan. 12.
Leman, Frederick D., Raton, N. Mex. Railway tie. 1,569,192; Jan. 12.
Lengsfield, Byron H., New Orleans, La. Candy box. 1,568,982; Jan. 12.
Leonard, Everett P., Chattanooga, Tenn. Take-up mechanism for knitting machines. 1,569,552; Jan. 12.
Leonard, Martha N., Washington, D. C. Lamp shade. Des. 69,228; Jan. 12.
Leonard, Samuel E., jr., East Cleveland, Ohio. Geometrical location finder for navigators. 1,569,380; Jan. 12.
Levine, Abraham, Elizabeth, N. J. Name plate for brief cases and similar articles. 1,569,057; Jan. 12.
Levinson, David, assignor to Wilson-Western Sporting Goods Co., Chicago, Ill. Cap. 1,569,658; Jan. 12.
Lewis, Andrew L., Petersburg, Va. Pump. 1,569,193; Jan. 12.
Lewis, Fred, Lejunior, Ky. Miner's lamp holder. 1,569,762; Jan. 12.
Lewis, Fred E., and T. J. Williams, Utica, N. Y. Safety attachment for firearms. 1,569,553; Jan. 12.
Lewis, Leo R., Somerville, Mass. Binder. 1,569,381; Jan. 12.
Lewis, Leo R., Somerville, Mass. Bookbinding. 1,569,382; Jan. 12.
Lewis, Leroy M., Merion, Pa. Dry-pipe valve. 1,569,326; Jan. 12.
Libbey-Owens Sheet Glass Company, The. (See Drake, John L., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Fowle, Arthur E., assignor.)
Liberty National Bank, trustee. (See Braun, Aquila R., assignor.)
Liberty National Bank, trustee. (See Clisson, Albert B., assignor.)
Lidke, Frederick C., New York, N. Y. Tunneling machine. 1,569,510; Jan. 12.
Ligon, Bert L., assignor to Ligon Tool Company, Electra, Tex. Fishing tool for wells. 1,569,818; Jan. 12.
Ligon Tool Company. (See Ligon, Bert L., assignor.)
Lindsay, Carolyn P., executrix. (See Lindsay, C. E., and Ogbin.)
Lindsay, Charles E., deceased, Albany, and C. V. Ogbin, New York, N. Y.; C. P. Lindsay, executrix. Loading and unloading cars. 1,569,819; Jan. 12.
Lindsey, Ernest E., San Francisco, assignor of one-half to J. H. Herring, Piedmont, Calif. Automatic doughnut cooker. 1,569,383; Jan. 12.
Linn, John A., Sioux City, Iowa. Can opener. 1,569,289; Jan. 12.
Linthwaite, Owen C., Los Angeles, Calif. Polish-rod clamp. 1,569,327; Jan. 12.
Lippert, Samuel, Garfield Heights, assignor to The Outlook Company, Cleveland, Ohio. Rotary engine. 1,569,429; Jan. 12.
Lipscomb, Clayo P. (See Lipscomb, Henry C. and C. P.)
Lipscomb, Gaston J., New York, N. Y. Gassing hood. 1,568,983; Jan. 12.
Lipscomb, Henry C. and C. P., Oaknolia, La. Convertible seat for vehicles. 1,569,820; Jan. 12.
Lissner, Herman, New York, N. Y. Tag for clothing. 1,569,554; Jan. 12.
Litter, Ferdinant J., New York, N. Y., assignor to McKiernan-Terry Drill Company, Dover, N. J. Method of and apparatus for driving piles. 1,569,763; Jan. 12.
Little, A. E., Company. (See Turner, Gerald E., assignor.)
Little, Philip, jr., assignor to Strong-Scott Manufacturing Company, Minneapolis, Minn. Conveyer-belt tripper. 1,569,511; Jan. 12.
Lockwood, Alfred A., London, England. Concentration or separation of minerals. 1,569,512; Jan. 12.
Lockwood, Willard D., Philadelphia, Pa., assignor to Frederick Snare Corporation, New York, N. Y. Apparatus for laying pipe. 1,569,764; Jan. 12.
Locomotive Stoker Company. (See Lower, N. M., Chalker, and Osborne, assignors.)
Lofstrand, Albin P., Chicago, Ill. Automatic grain shocker. 1,569,230; Jan. 12.
Logan, Charles, Rockdale, near Sydney, New South Wales, Australia. Musical signature indicator for tuition purposes. 1,569,328; Jan. 12.
Lomax, Clarence E., assignor to Automatic Electric Company, Chicago, Ill. Automatic telephone system. 1,569,430; Jan. 12.
Long, Eli M., assignor, by mesne assignments, to The Standard Optical Company, Geneva, N. Y. Lens grinding and polishing machine. 1,569,194; Jan. 12.
Long, Henry P., King City, Mo. Ornament for automobile radiators. 1,569,096; Jan. 12.
Long, John E., Marysville, assignor of one-third to I. J. Caplan and one-third to S. Caplan, Fresno, Calif. Automatic retaining valve. 1,569,329; Jan. 12.
Lovell Manufacturing Company. (See Rathers, John J., assignor.)
Lowell, William, Maplewood, N. J. Golf putter. 1,569,765; Jan. 12.
Lower, Nathan M., A. R. Chalker, and L. E. Osborne, Pittsburgh, Pa., assignors to Locomotive Stoker Company. Grate shaker. 1,569,195; Jan. 12.
Lowy, Adolph, New York, N. Y. Tool box. 1,569,659; Jan. 12.
Lucas, Noah E., Norwich, Conn. Under clearer roll. 1,569,555; Jan. 12.
Lucia, Louis V., assignor to The Fuller Brush Company, Hartford, Conn. Comb-cleaning brush. 1,569,431; Jan. 12.
Maccallum, Norman E., Phoenixville, Pa. Furnace wall and lining construction. 1,569,197; Jan. 12.
Maccarone, Fred, Brooklyn, N. Y. Shoe structure. 1,569,823; Jan. 12.
Macdonald, Angus S., Great Neck, N. Y., assignor, by mesne assignments, to Spicer Manufacturing Corporation, South Plainfield, N. J. Flexible joint. 1,569,840; Jan. 12.
Macdonald, Harry P., Montclair, assignor, by mesne assignments, to Spicer Manufacturing Corporation, South Plainfield, N. J. Determining tension on bolts. 1,569,837; Jan. 12.
Macdonald, Harry P., Montclair, assignor, by mesne assignments to Spicer Manufacturing Corporation, South Plainfield, N. J. Propeller-shaft assembly. 1,569,838; Jan. 12.
Macdonald, Harry P., Montclair, assignor, by mesne assignments to Spicer Manufacturing Corporation, South Plainfield, N. J. Flexible joint. 1,569,839; Jan. 12.
MacGregor, Wallace F., assignor to J. I. Case Threshing Machine Company, Racine, Wis. Combination harvester thresher. 1,569,432; Jan. 12.
Machesney, Andrew G., assignor to Detroit Lubricator Company, Detroit, Mich. Locomotive-exhaust-nozzle covering. 1,569,515; Jan. 12.
MacKenzie, George W., Beaver, assignor to Guarantee Liquid Measure Company, Rochester, Pa. Liquid-measuring apparatus. 1,569,290; Jan. 12.
MacKenzie, George W., Beaver, assignor to Guarantee Liquid Measure Company, Rochester, Pa. Liquid storage and supply system. 1,569,769; Jan. 12.
Mackenzie, Herman J., and A. W. Steenbergh, Tjepoe, Java, Dutch East Endies, assignors to De Bataafsche Petroleum Maatschappij, The Hague, Netherlands. Obtaining commercial gasoline from natural-gas gasoline. 1,569,433; Jan. 12.
MacKenzie, Luther B., New York, N. Y. Sphygmomanometer. 1,569,097; Jan. 12.
Magness, Henry, Colton, S. Dak. Attachment for corn pickers. 1,569,824; Jan. 12.
Magoon, George B., Worcester, Mass. Cutter head for molding machines. 1,568,985; Jan. 12.
Major, Alfred, Holland, N. Y. Can holder. 1,569,825; Jan. 12.
Malan, Gordon T., Philadelphia, Pa. Means for computation. 1,569,770; Jan. 12.
Malone, Harry D. (See Jousset, A. D., and Malone.)
Mangham, John F., El Paso, Tex. Transmission mechanism. 1,569,516; Jan. 12.
Mann, Pliny C., Greeley, Colo. Ball-lacing device. 1,569,841; Jan. 12.
Manning, Maxwell & Moore, Incorporated. (See Heise, Otto W., assignor.)
Manson, George J., Hawkesbury, Ontario, Canada. Distributing device for moving fluids and gases. 1,569,558; Jan. 12.
Marbury, Ralph E., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Condenser. 1,569,384; Jan. 12.
Marbury, Ralph E., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Condenser casing. 1,569,385; Jan. 12.
Marcelin, André J., Paris, France. Direction finder. 1,569,291; Jan. 12.
Mark, Harry R., assignor to Clayton Mark & Company, Chicago, Ill. Drive-well point. 1,569,098; Jan. 12.
Marland Refining Company. (See Rice, W. P., Mertz, W. P., and Moore, assignors.)
Marlin-Rockwell Corporation. (See Higgins, Howard R., assignor.)
Marquardt, Reinhold G. (See Stuewe, O. H., and Marquardt.)
Mason, Howard, Amsterdam, N. Y., assignor to Shawmut Engineering Company, Boston, Mass. Axminster tube frame. 1,569,559; Jan. 12.

Mason, Max, New London, Conn., assignor to Submarine Signal Company, Portland, Me. Determination of wave-energy direction. 1,569,292; Jan. 12.
Massey, Thomas G., Montecito, Calif. Pipe plug and removing the same. 1,569,660; Jan. 12.
Mats, George, New York, N. Y. Self-railing wheel. 1,569,517; Jan. 12.
Maxwell, Erastus M., Cardinal, assignor of one-third to I. K. Hearn and one-third to W. I. Clements, Norfolk, Va. Automobile top. 1,569,771; Jan. 12.
Mayne, Richard W., Globe, Ariz. Automobile bed. 1,569,772; Jan. 12.
Mayo, Benjamin F., deceased; E. Mayo, executrix, Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoemaking. 1,569,231; Jan. 12.
Mayo, Benjamin F., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on pieces of sheet material. 1,569,232; Jan. 12.
Mayo, Etta, executrix. (See Mayo, Benjamin F., assignor.)
McArdle, John, Detroit, Mich. Golf practice apparatus and head-movement detector. 1,569,766; Jan. 12.
McClain, Harry A. and W., Canton, Ohio. Mold for concrete burial vaults. 1,569,513; Jan. 12.
McClain, Waite. (See McClain, Harry A., and W.)
McClellan, George, Toronto, Ontario, Canada. Shocking and stooking machine for attachment to binders. 1,569,514; Jan. 12.
McCollum, Albert, Atkins, Ark. Grapple. 1,568,984; Jan. 12.
McDaniel, James A., Shawnee, Okla. Insect exterminator. 1,569,196; Jan. 12.
McDonald, Charles D., Los Angeles, Calif. Combined table, bed, and back rest. 1,569,556; Jan. 12.
McDonnell, Henry J., Mount Waverley, Victoria, Australia. Vehicle side curtain. 1,569,821; Jan. 12.
McGhee, Saint Paul, Laurinburg, N. C. Road map and case. 1,569,822; Jan. 12.
McGinley, Charles. (See Collins, A. F., and McGinley.)
McKee, Estelle, et al. (See Blackman, Mabel, assignor.)
McKiernan-Terry Drill Company. (See Litter, Ferdinand J., assignor.)
McKrell, William R. (See Jones, E., and McKrell.)
McManama, John W., Waltham, assignor of one-third to S. W. Simonds, Brookline, and one-third to F. A. Barbey, Cambridge, Mass. Railroad-track curve. 1,569,557; Jan. 12.
McMenamin, Michael J., C. Nixon, Philadelphia, and R. D. Greenland, Bedford, Pa. Track lifter. 1,569,767; Jan. 12.
McMullen, John E., Council Bluffs, Iowa. Letter belt. 1,569,330; Jan. 12.
McMullen, John E., Council Bluffs, Iowa. Door latch. 1,569,331; Jan. 12.
McNamara, James, jr., Portland, Oreg. Plasterer's mitering plane. 1,569,768; Jan. 12.
Mead, Richard R., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Slug-casting mold. 1,569,386; Jan. 12.
Melling, Herman W., Jackson, Mich. Milling machine. 1,569,518; Jan. 12.
Mercer, Henry H., Claremont, N. H., assignor to Sullivan Machinery Company. Valve mechanism for channeling machines. 1,569,661; Jan. 12.
Mergenthaler Linotype Company. (See Kennedy, David S., assignor.)
Mergenthaler Linotype Company. (See Mead, Richard R., assignor.)
Mergenthaler Linotype Company. (See Paersch, Otto, assignor.)
Merrill, Allan B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber-covered Spinning roller. 1,569,826; Jan. 12.
Merrow, Joseph M., assignor to The Merrow Machine Company, Hartford, Conn. Sewing machine. 1,568,986; Jan. 12.
Merrow Machine Company, The. (See Merrow, Joseph M., assignor.)
Mertz, Howard A. (See Rice, W. P., Mertz, and Moore.)
Mers, Ernest J., Cranston, R. I. Shuttle winder. 1,569,387; Jan. 12.
Metals Disintegrating Company. (See Hall, Everett J., assignor.)
Metcalfe, William H., et al. (See Arundel, Thomas E., assignor.)
Meyers, Frederick W., Chicago, Ill. Chain link. 1,568,987; Jan. 12.
Meylach, Louis. (See Page, L. M., and Meylach.)
Middaugh, Elmer H., Kalamazoo, Mich. Fuel mixer for internal-combustion engines. 1,569,519; Jan. 12.
Mike, Jan, Dawson, N. Mex. Variable power-transmission means for combination air withdrawing and delivery apparatus. 1,569,198; Jan. 12.
Milam, Delbert A., Charleston, W. Va. Acetylene generator. 1,568,988; Jan. 12.
Miller, Anna, Chicago, Ill. Soap holder for pails. 1,569,773; Jan. 12.
Miller, Carlton E., San Francisco, Calif. Device for introducing cement in wells. 1,569,293; Jan. 12.
Miller, Erwin E., Fullerton, Calif. Expansible packing for plungers. 1,569,560; Jan. 12.
Miller, Gustaf E., Stratton, Nebr. Machine for grinding grain. 1,569,564; Jan. 12.
Miller, John C., and R. H. Fayfield, assignors to Fayfield Knoll Company, Buffalo, N. Y. Snow skate. 1,569,520; Jan. 12.
Miller, Royal R., Chicago, Ill., assignor to Miller Traction Tread Company. Converter attachment for drive wheels. 1,569,099; Jan. 12.
Miller Rubber Company, The. (See Robertson, Isaac W., assignor.)
Miller, Thomas W., Ashland, Ohio. Manufacturing rubber articles and vulcanizing the same. 1,569,662; Jan. 12.
Miller Traction Tread Company. (See Miller, Royal R., assignor.)
Miller, William J., Columbus, Ohio. Freight-car seal. 1,569,294; Jan. 12.
Milton, Thomas W., East St. Louis, Ill. Stack poling and guy-painting device. 1,569,521; Jan. 12.
Milwaukee Gas Specialty Co. (See Leins, Oscar J., assignor.)
Minerd, Levi S., Howard, Kans. Haystacker. 1,569,199; Jan. 12.
Mishawaka Novelty Company. (See Hawkins, Frederick L., assignor.)
Misner, Edgar D., Detroit, Mich. Shock absorber. 1,569,663; Jan. 12.
Mitchell, Robert J., Richmond, Mo. Automatic hose holder. 1,569,774; Jan. 12.
Mittasch, Alwin, Ludwigshafen-on-the-Rhine, and M. Pier, Heidelberg, assignors to Badische-Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany. Synthetic manufacture of methanol. 1,569,775; Jan. 12.
Mogford, Edmund C., assignor to Clark Equipment Company, Buchanan, Mich. Differential carrier for motor vehicles. 1,569,664; Jan. 12.
Mohr, Jacob J. (See White, A., and Mohr.)
Molins, Walter E., London, England. Apparatus for feeding and arranging oval cigarettes. 1,568,989; Jan. 12.
Moog, Willy, Arzheim, near Landau, Germany. Apparatus and process for the production of colored designs on leather. 1,569,562; Jan. 12.
Mooradian, Harry S., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Tread for tires. Des. 69,229; Jan. 12.
Moore, Chester E. (See Rice, W. P., Mertz, and Moore.)
Moore, Joseph A., Palmer, assignor of one-half to A. L. Ticer, Boyce, Tex. Child's vehicle. 1,568,990; Jan. 12.
Morahan, Joseph L., Jackson, Miss. Hat blocking, flanging, and finishing apparatus. 1,569,842; Jan. 12.
Morehouse, Lyman F., Montclair, N. J., assignor to American Telephone and Telegraph Company. Ciphering and deciphering device. 1,568,991; Jan. 12.
Morton, Harry E., Hyde Park, Mass. Toy electric railway. 1,569,233; Jan. 12.
Moss, David, assignor, by mesne assignments, to Brandes Laboratories, Inc., Newark, N. J. Terminal for telephone receivers. 1,569,776; Jan. 12.
Moxie Company, The. (See Thompson, Harry A., assignor.)
Mudge, Ralph L., Detroit, Mich. Master link for conveyer chains. 1,568,992; Jan. 12.
Muehleisen, Gottlieb, assignor to National Soil Conservation Company, Alma, Wis. Flume. 1,569,777; Jan. 12.
Müller, Friederich, Elizabeth, N. J., assignor to The Whitney Mfg. Co., Hartford, Conn. Chain and parts therefor. 1,569,234; Jan. 12.
Müller, Heinrich, Nuremberg, Germany. Eye for plush toy figures. 1,569,563; Jan. 12.
Müller, Wilhelm, Flix, assignor to Sociedad Electro-Quimica de Flix, Tarragona, Flix Province, Spain. Apparatus for pulverization and projection of molten metal. 1,569,564; Jan. 12.
Mullin, Donald S., Pittsburgh, Pa. Handling material. 1,569,100; Jan. 12.
Mullins, Charles E., Roanoke, assignor to J. T. Barrow, Chicago, Ill. Scoring device for tile-forming dies. 1,569,665; Jan. 12.
Munson, Edmund L., Mount Kisco, N. Y. Golf-club head. 1,569,295; Jan. 12.
Murphey, James A., Germantown, Pa. Tiltable steering wheel. 1,569,666; Jan. 12.
Murphy, Edward S., Central Miranda, Cuba. Continuous automatic separator. 1,569,778; Jan. 12.
Murphy, Edwin J., Schenectady, N. Y., assignor to General Electric Company. Ventilating apparatus. 1,569,845; Jan. 12.
Murray, John B., Lansing, Mich. File-cleaning machine. 1,569,434; Jan. 12.
Murray, Thomas E. (See Hoffer, Le Roy H., assignor.)
Murray, Thomas E., jr., Broklyn, N. Y. Manufacture of housings and the like. 1,569,332; Jan. 12.
Myers, Alfred B., Portland, Oreg. Valve. 1,569,843; Jan. 12.
Myers, Edgar J., Salt Lake City, Utah. Rug-handling machine. 1,569,522; Jan. 12.
Myers, Hubert A., assignor to Toledo Scale Company, Toledo, Ohio. Coin-controlled mechanism for weighing scales. 1,569,565; Jan. 12.
Myers, William M., St. Joseph, Mo., assignor to T. H. Gill, Milwaukee, Wis. Air compressor. 1,569,435; Jan. 12.
N. V. Fabriek van Instrumenten en electrische Apparaten Inventum. (See Hanson, Anton F. E., assignor.)

Nachemov, Charles, New York, N. Y. Vanity case. 1,569,779; Jan. 12.
Nashua Manufacturing Company. (See Thomas, Norman T., assignor.)
Nasmith, John W., assignor to Nasmith's Patents Limited, Manchester, England. Combing machine. 1,569,566; Jan. 12.
Nasmith's Patents Limited. (See Nasmith, John W., assignor.)
National Automatic Teller Corporation. (See Kline, Harold B., assignor.)
National Cash Register Company, The. (See Block, Abraham, assignor.)
National Manufacturing Company. (See Jewell, Jesse R., assignor.)
National Soil Conservation Company. (See Muehleisen, Gottlieb, assignor.)
National Trust Company Limited. (See Peck, R. L. and Torell, assignors.)
Neilson, Thomas, Glasgow, Scotland, Air-directing device. 1,569,667; Jan. 12.
Nell, Gustave M., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rotative device for rock drills. 1,569,436; Jan. 12.
Nemitof, Louies, Kansas City, Mo. Hardening copper. 1,569,130; Jan. 12.
Newbauer, Valentine, Minneapolis, Minn. Vertically-rising aeroplane. 1,569,668; Jan. 12.
Newhouse, Marshall E. (See Burns O., and Gischlar, assignors.)
Newson, Reeves J., Lynn, Mass. Pipe fitting. 1,568,993; Jan. 12.
Nicholson, Frank H., Lewistown, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,569,388; Jan. 12.
Niclausse, Albert L. (See Niclausse, Elie P. J. and A. L.)
Niclausse, Elie P. J. and A. L., Paris, France. Boiler. 1,569,523; Jan. 12.
Nixon, Charles. (See McMenamin, M. J., Nixon, and Greenland.)
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Coffeepot or analogous article. Des. 69,230; Jan. 12.
Nock, Thomas R., Wachapreague, Va. Amusement apparatus. 1,569,780; Jan. 12.
Noll, Edward A., Lakewood, Ohio. Channel-milling cutter. 1,569,524; Jan. 12.
Norbork, Christen, Copenhagen, Denmark. Flushing tank. 1,568,994; Jan. 12.
Nord, Julius, The Hague, Netherlands. Tourniquet. 1,569,131; Jan. 12.
Norton, Clifford, assignor to Graham & Norton Company, New York, N. Y. Bar-lock switch. 1,569,669; Jan. 12.
O'Brien, John R., Marrickville, near Sydney, New South Wales, Australia. Pneumatic or air-cushion tire. 1,569,844; Jan. 12.
O'Connell, Thomas, sr. (See Swatrz, Henry A., jr., assignor.)
Odell, Horace P., Passaic, N. J. Method of and apparatus for use in printing. 1,569,296; Jan. 12.
Odenkirk, Harry C., Cleveland, Ohio. Switch stand for operating switches and signals. 1,569,333; Jan. 12.
Ogbin, Clinton V. (See Lindsay, C. E., and Ogbin.)
Ohio Brass Company, The. (See Austin, Arthur O., assignor.)
Ohio Steam Shovel Company, The. (See Rauch, John D., assignor.)
Oliphant, Laurence, Trenton, N. J., assignor to Oxweld Acetylene Company. Blowpipe. 1,569,024; Jan. 12.
Opderbeck, Emil, Gelsenkirchen, assignor to Heinrich Koppers, Essen-Ruhr, Germany. Burner for gas furnaces. 1,569,567; Jan. 12.
Optische Anstalt C. P. Goerz Aktiengesellschaft. (See Wöhrle, Silvester, assignor.)
Orr, Robert P., Schenectady, N. Y. Picture and object target. 1,569,781; Jan. 12.
Osborne, Lonnie E. (See Lower, N. M., Chalker, and Osborne.)
Osnos, Mendel, and L. Kasarnowski, Berlin, Germany, assignors to Radio Corporation of America. Method of and arrangement for starting frequency-transforming installations. 1,569,132; Jan. 12.
Ostrander, Allen E., Ridgewood, N. J., assignor to Westinghouse Air Brake Company, New York, N. Y. Air brake. 1,569,133; Jan. 12.
Otto, Arthur J. and C. A., assignors to Johnson Service Company, Milwaukee, Wis. Mount for thermostats. 1,569,782; Jan. 12.
Otto, Carl A. (See Otto, Arthur J. and C. A.)
Outlook Company, The. (See Lippert, Samuel, assignor.)
Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Gate for glass tanks. 1,569,134; Jan. 12.
Owens, Ivan L., Wytheville, Va. Rotary engine. 1,569,525; Jan. 12.
Oxweld Acetylene Company. (See Oliphant, Laurence, assignor.)
Pacific Car and Foundry Company. (See Chriswell, Frederick W., assignor.)
Pacific, R. & H. Chemical Corporation, The. (See Brown, Mortimer J., assignor.)
Paersch, Otto, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Matrix-composing and line-casting machine. 1,569,389; Jan. 12.
Page, Albert E. (See Scott, R. W., and Page.)
Page, Leslie M., Maplewood, N. J., and L. Meylach, Brooklyn, N. Y. Pressing block. 1,569,135; Jan. 12.
Pagoda Tea Company, The. (See Raynor, Louis L., assignor.)
Palmer, Charles H., Milwaukee, Wis. Spring suspension. 1,569,670; Jan. 12.
Paramount Machine Co. (See Eanes, Hugh P., assignor.)
Pardee, Frank, jr., assignor to Anthracite Separator Company, Hazleton, Pa. Tool holder. 1,569,136; Jan. 12.
Park, Richard G., jr., Washington, D. C., assignor to Hutchinson Manufacturing Co., Norristown, Pa. Woodworking machine. 1,569,526; Jan. 12.
Parker, Ralph E., Birmingham, Ala. Book index. 1,569,290; Jan. 12.
Parker Ventilation Company. (See Blumlein, Albert, assignor.)
Parkhurst, Douglas L., Washington, D. C. Time switch. 1,569,200; Jan. 12.
Parsons, Frederick W., Elmira, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor-valve lifter. 1,569,671; Jan. 12.
Patterson, Robert L., Long Beach, Calif. Bulb mounting. 1,569,527; Jan. 12.
Paulson, Walter H. (See Lathrop, H. D., and Paulson.)
Peabody, Elmer C., and W. Rouse, Dillon, Colo. Shock absorber for hand cranks. 1,569,672; Jan. 12.
Pearl, Rubin, and J. Susana, Philadelphia, Pa. Safety device for flying machines. 1,569,391; Jan. 12.
Pearson, Eric G., assignor to Eagle Pencil Company, New York, N. Y. Fountain pen. 1,569,783; Jan. 12.
Pederson, Hayes N., Racine, Wis. Confection cone. 1,569,568; Jan. 12.
Peek, Robert L., Ottawa, Ontario, and T. F. Torell, Aylmer, Quebec, assignors, by mesne assignments, to National Trust Company Limited, Toronto, Canada. Refining of copper-nickel matte. 1,569,137; Jan. 12.
Pels, Henry, Berlin-Charlottenburg, Germany. Metal-cutting machine. 1,569,569; Jan. 12.
Pennington, Harry R., Chicago, Ill., assignor to C. H. Hollup Corporation. Joining metals by fusion welding. 1,569,025; Jan. 12.
Peterson, Charles A., Chicago, Ill. Refrigerating device. 1,569,026; Jan. 12.
Peterson, John, Faribault, Minn. Phonograph cabinet. 1,569,570; Jan. 12.
Pew, Franklin J., St. Catharines, Ontario, Canada. Toilet convenience for automobiles. 1,569,571; Jan. 12.
Pew, Franklin J., St. Catharines, Ontario, Canada. Automobile body. 1,569,572; Jan. 12.
Phillips, Ted H., Gould, Okla. Cattle yoke. 1,569,297; Jan. 12.
Piccaluga, Angelo, Leghorn, Italy. Apparatus for fitting caps to vessels. 1,569,573; Jan. 12.
Piccioni, Igino, Tivoli, Italy. Method and apparatus for the accurate reproduction of paintings, drawings, or prints of all kinds with colored elements of any description. 1,569,027; Jan. 12.
Pickup, George E., assignor to The Wehrle Company, Newark, Ohio. Fireback or similar article. Des. 69,231; Jan. 12.
Pier, Mathias. (See Mittasch, A., and Pier.)
Pierce, Lee D., Fulton, N. Y. Vehicle signal faceplate. Des. 69,232; Jan. 12.
Pierce, Robert E., assignor to Remis Bro. Bag Company, St. Louis, Mo. Tie for closing the mouths of bags. 1,569,138; Jan. 12.
Piersall, Scebron M., Abilene, Kans. Grain conditioner. 1,569,201; Jan. 12.
Pietsch, Oscar C., Hancock, Mich. Wrench. 1,569,673; Jan. 12.
Pigeon, Ernest A., Beverly, Mass. Camera. 1,569,139; Jan. 12.
Pigott, Reginald J. S., Brookline, assignor to Crosby Steam Gage & Valve Company, Boston, Mass. Valve. 1,569,674; Jan. 12.
Pittsburgh Plate Glass Company. (Evans, Albert E., assignor.)
Pittsburgh Plate Glass Company. (See Fox, John H., assignor.)
Pittsburgh Plate Glass Company. (See Owen, William, assignor.)
Pittsburgh Plate Glass Company. (See Swartzlander, Thomas H., assignor.)
Pittsburgh Plate Glass Company. (See Young, C. B., and Caspar, assignors.)
Pittsburgh Research Corporation. (See Dixon, Joseph L., assignor.)
Plack, Henry E., Towson, Md. Toy golf game. 1,569,334; Jan. 12.
Plainfield Trust Company, The, administrator. (See Hopkins, Charles E.)
Plaunché, Léda H., New Orleans, La. Combination undergarment. 1,569,675; Jan. 12.
Plimpton, H. E., Manufacturing Co. (See Plimpton, Howard E., assignor.)
Plimpton, Howard E., assignor to H. E. Plimpton Manufacturing Co. Inc., Norwood, Mass. Laundry case. 1,569,784; Jan. 12.
Plunkett, Willis B., Clayton, N. Mex. Cattle guard. 1,569,235; Jan. 12.
Poetzsch, Max, Ridgewood, N. J. Combined finishing machine for pile fabrics. 1,569,785; Jan. 12.
Pohlmann, Richard. (See Koch, F., and Pohlmann.)

Popoff, Jacob E., Cambridge, Mass. Target. 1,569,786; Jan. 12.
Post, Edward C., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Coupler. 1,569,028; Jan. 12.
Potter & Buffinton Company. (See Weed, Edward L., assignor.)
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 1,569,676; Jan. 12.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone system. 1,569,677; Jan. 12.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 1,569,678; Jan. 12.
Power, Henry L., Brandon, Manitoba, Canada. Grain door for railway cars. 1,569,029; Jan. 12.
Powers, Samuel P., Wooster, Ohio. Well-drilling derrick. 1,569,298; Jan. 12.
Preston, Elias F., Mason City, Iowa. Open-potential-circuit detector. 1,569,299; Jan. 12.
Pridgen, John B. (See Wentz, H. B., and Pridgen.)
Prochnow, Julius R., San Antonio, Tex. Medicinal preparation. 1,569,202; Jan. 12.
Purvis, John, jr., Chicago, Ill. Filling machine. 1,569,300; Jan. 12.
Puterbaugh, Jack, Cincinnati, Ohio. Bench vise. 1,569,236; Jan. 12.
Pyle-National Company, The. (See Dake, Charles W., assignor.)
Querns, Harry G. G., Philadelphia, Pa. Knitted fabric. 1,569,140; Jan. 12.
Radio Corporation of America. (See Osnos, M., and Kasarnowski, assignors.)
Raffaelli, Ferruccio, New York, N. Y. Sea car. 1,569,392; Jan. 12.
Rancier, Charles A., Brooklyn, N. Y., assignor of one-half to W. J. Boehmer. Animal trap. 1,569,827; Jan. 12.
Rand, James H., assignor to Rand Kardex Company, Inc., North Tonawanda, N. Y. Index device. 1,569,574; Jan. 12.
Rand, James H., jr., Tonawanda, and L. C. Broecker, Buffalo, N. Y.; said Broecker, assignor to said Rand, jr. Record tray or container. 1,569,575; Jan. 12.
Rand Kardex Company, Inc. (See Rand, James H., assignor.)
Randall, Myron R., Waupace, Wis. Air gun or rifle plunger. 1,569,030; Jan. 12.
Rathers, John J., assignor to Lovell Manufacturing Company, Erie, Pa. Rubber roll. 1,569,393; Jan. 12.
Rauch, John D., assignor to The Ohio Steam Shovel Company, Lima, Ohio. Power shovel. 1,569,031; Jan. 12.
Ravier, Léopold, Paris, France. Lock nut. 1,569,237; Jan. 12.
Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Buttonhole-sewing machine. 1,569,394; Jan. 12.
Raymond, Ralph L., Auburn, Me. Shoe. 1,569,576; Jan. 12.
Raynor, Louis L., New York N. Y., assignor to The Pagoda Tea Company, Inc. Container for tea. Des. 69,233; Jan. 12.
Reach, William F., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Javelin. 1,569,395; Jan. 12.
Rece, Frank E., Dallas, Tex. Cover for cribs. 1,569,335.
Rectifier Manufacturing Company. (See Wall, William G., assignor.)
Reed, Leonard M., Dexter, Iowa. Power handsaw. 1,569,301; Jan. 12.
Reed Roller Bit Company. (See Duda, Oswald, assignor.)
Rees, Claude, and C. F. Hine, San Francisco, Calif. Drying apparatus. 1,569,302; Jan. 12.
Regan, Albert L., assignor to The Hooven & Allison Company, Xenia, Ohio. Towrope. 1,569,303; Jan. 12.
Reichel, Hugo, Chicago, Ill. Shingle cutter. 1,569,032; Jan. 12.
Reichel, Hugo, Chicago, Ill. Shingle stacker. 1,569,033; Jan. 12.
Reisner, W. H. Mfg. Company, The. (See Hankey, John H., assignor.)
Reutlinger, Alexander. (See Bilgery, C., and Reutlinger.)
Rex Manufacturing Company. (See Hull, Matthew R., assignor.)
Reynolds, Dwight, E., Liverpool, N. Y. Clothesrack. 1,569,238; Jan. 12.
Rhodes, William A., Kansas City, Mo., assignor to American Telephone and Telegraph Company. Machine-switching telephone-exchange system. 1,569,034; Jan. 12.
Rice, John A., Berkeley, Calif. Producing artificial snow. 1,569,396; Jan. 12.
Rice, Wayne P., H. A. Mertz, and C. E. Moore, assignors to Marland Refining Company, Ponca City, Okla. Scraping device. 1,569,203; Jan. 12.
Richardson, Max C., Canton, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Dust-bag support. 1,569,304; Jan. 12.
Ricks, Absalom W., Rexburg, Idaho. Pneumatic shock absorber. 1,569,035; Jan. 12.
Riddle, Edward N., The. (See Crowell, Frank S., assignor.)
Rife, William H., La Junta, Colo. Swinging-rail switch frog. 1,569,141; Jan. 12.
Rippetoe, Homer, Jersey City, N. J., assignor to Saks & Company, New York, N. Y. Combination luggage. 1,569,142; Jan. 12.
Riverside and Dan River Cotton Mills. (See Chase, H. M., and Robertson, assignors.)
Roberts, John Q. (See Colley, George F., assignor.)
Robertson, George A., Youngstown, Ohio. Sand-removing device. 1,569,787; Jan. 12.
Robertson, George W. (See Chase, H. M., and Robertson.)
Robertson, Isaac W., assignor to The Miller Rubber Company, Akron, Ohio. Removing metallic straps from bales. 1,569,397; Jan. 12.
Robinson, Alfred P., Auckland, New Zealand. Holder for wool and like thread materials. 1,569,577; Jan. 12.
Robinson, Anson, Los Angeles, Calif. Orifice fitting. 1,569,305; Jan. 12.
Robinson, Henry J., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automobile brake. 1,569,143; Jan. 12.
Rockwell, Robert L. (See Wilson M. L., and Rockwell.)
Rockwood Sprinkler Company of Massachusetts. (See Carlson, Hjalmar G., assignor.)
Roesch, Alfred, deceased, by E. Roesch, executrix, assignor to Charles J. Taglianbue Mfg. Co., Brooklyn, N. Y. Stuffing box for automatic regulators and the like. 1,569,336; Jan. 12.
Roesch, Emma, executrix. (See Roesch, Alfred.)
Roettges, Frederick, assignor to H. Hilfman, New York, N. Y. Lighting fixture or the like. Des. 69,234; Jan. 12.
Rogers, Everett L., jr., Providence, R. I. Bottle opener. Des. 69,235; Jan. 12.
Rogers, Samuel L., San Francisco, assignor to J. A. Bried, Oakland, Calif. Velocipede. 1,569,204; Jan. 12.
Röhm, Otto, Darmstadt, Germany. Manufacture of tanning substances. 1,569,578; Jan. 12.
Rolle, Edward F., Forest Hills, assignor to Rolle Rubber Company, Inc., New York, N. Y. Ink pad for rubber stamps, etc. 1,569,337; Jan. 12.
Rolle Rubber Company. (See Rolle, Edward F., assignor.)
Rosenthal, Max G., Chicago, Ill. Rotary explosion engine. 1,569,306; Jan. 12.
Ross, George W., Huntington Park, assignor to F. L. Hetzel and A. H. Hetzel, Los Angeles, Calif. Brake mechanism. 1,569,338; Jan. 12.
Rossi, Pietro, Eastbourne, England. Combined ornament and temperature indicator for radiator caps. Des. 69,236; Jan. 12.
Rouse, William. (See Peabody, E. C., and Rouse.)
Rowley, John T., assignor to Eureka Furnace Coal & Oil Economy Company, Inc., New York, N. Y. Furnace. 1,569,829; Jan. 12.
Rundgren, Edward M., assignor to Western Architectural Iron Company, Chicago, Ill. Window structure. 1,569,239; Jan. 12.
Runge, Robert F., Forest Hills, N. Y. Grinding machine. 1,569,036; Jan. 12.
Russell Mfg. Co. (See Russell, Thomas M., assignor.)
Russell, Thomas M., assignor to The Russell Mfg. Co., Middletown, Conn. Friction lining. 1,569,579; Jan. 12.
Sachsenwerk, Licht- und Kraft-Aktiengesellschaft. (See Häberle, Friedrich, assignor.)
Saco-Lowell Shops. (See Danilloff, S., and Dupee, assignors.)
Saks & Company. (See Rippetoe, Homer, assignor.)
Sanborn, John B., Evanston, Ill. Display container for separable devices. 1,569,679; Jan. 12.
Sanborn, William J., Cleveland, Ohio. Culinary utensil. 1,569,788; Jan. 12.
Sanborn, William J. (See Fassett, George R., assignor.)
Sandin, Arthur L., assignor of one-half to Lahr Motor Sales Company, Bismarck, N. Dak. Ignition distributor mounting and pump for oiling the bearings thereof. 1,569,205; Jan. 12.
Sanford, Hugh W., Knoxville, Tenn. Railway car. 1,569,037; Jan. 12.
Sarkisian, Dickran M., Forest Hills, N. Y. Traverse rod for drapery. 1,569,680; Jan. 12.
Scammell, Charles H., assignor to Charles H. Scammell Co., Inc., New York, N. Y. Metallic lathing. 1,569,144; Jan. 12.
Scammell, Charles H., Co. (See Scammell, Charles H., assignor.)
Schellberg Manufacturing Corporation. (See Schellberg, Oscar B., assignor.)
Schellberg, Oscar B., assignor to Schellberg Manufacturing Corporation, New York, N. Y. Medical apparatus for use in proctotherapy. Re16,251; Jan. 12.
Scheminger, John, jr., Providence, R. I., assignor to Aetna Automatic Oil Burner, Incorporated, New York, N. Y. Oil-distributing head for rotary oil burners. 1,569,580; Jan. 12.
Schenk, Henry H., Memphis, Mo. Flytrap. 1,569,681; Jan. 12.
Scher, Louis S., assignor to Telephone Auxiliary Co., Inc., New York, N. Y. Telephonic reception apparatus. 1,569,398; Jan. 12.
Schimpf, George C. (See Chenowith, W. H., and Schimpf.)
Schindler, Joseph, Burney, Calif. Grating or slicing machine. 1,569,399; Jan. 12.

Schmechel, Arno, and G. Schubert, Thiensville, Wis. Potato-harvester attachment. 1,569,038; Jan. 12.
Schmidt, Edwin X., and U. O. Hutton, assignors to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Method of and apparatus for ascertaining the proportion of a constituent in a fluid. 1,569,682; Jan. 12.
Schoepfer, Hermann. (See Zinke, A., and Schoepfer.)
Schramm, Carl. (See Clark, E. W., and Schramm.)
Schroer, Frank G. (See Herman, C. H., and Schroer.)
Schubert, Franz J., Nashville, Tenn. Child's riding toy. 1,569,400; Jan. 12.
Schubert, George. (See Schmechel, A., and Schubert.)
Schüfftan, Eugen, Berlin-Wilmersdorf, Germany. Making moving pictures. 1,569,789; Jan. 12.
Schwennker, Charles F., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 1,569,683; Jan. 12.
Schwerin, Paul, assignor to Western Electric Company, Incorporated, New York, N. Y. Electron-discharge device. 1,569,684; Jan. 12.
Scoggan, Richard R., Jeffersonville, Ind. Trolley contactor. 1,569,039; Jan. 12.
Scott, Charlie W., Lincolnton, Ga. Pliers. 1,569,581; Jan. 12.
Scott, Charlie W., Lincolnton, Ga. Internal-combustion engine. 1,569,582; Jan. 12.
Scott Head Lamp Control. (See Calkins, James M., assignor.)
Scott, Robert W., Babylon, and A. E. Page, Brooklyn, assignors to Scott & Williams, Inc., New York, N. Y. Stitch-regulating means for knitting machines. 1,569,632; Jan. 12.
Scott & Williams, Inc. (See Scott, R. W., and Page, assignors.)
Scrannage, Lawrence E., Philadelphia, Pa. Arch supporter. 1,569,206; Jan. 12.
Scullin Steel Co. (See Doerr, Harry E., assignor.)
Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Vehicle spring bearing. 1,569,240; Jan. 12.
Sears, Samuel V., Falls City, Nebr. Phonograph-record ejector. 1,569,207; Jan. 12.
Sease, Chester A., assignor of one-fifth to J. G. Hopwood, one-fifth to J. M. Fletcher, one-fifth to J. S. Carey, Harrisburg, and one-fifth to F. M. Hunter, Lower Paxton Township, Dauphin County, Pa. Corrosive-preventing liquid composition. 1,569,040; Jan. 12.
Seeger Chain Company. (See Seeger, John W., assignor.)
Seeger, John W., assignor to Seeger Chain Company, Incorporated, Washington, D. C. Antiskid device for autos. 1,569,790; Jan. 12.
Sévigné, F. J., Machine Company. (See Hale, Arthur B., assignor.)
Sévigné, Frederick J., Milford, N. H. Fruit-marking machine. 1,569,208; Jan. 12.
Shanaberger, Charles W., Indiana, assignor of two-thirds to J. Barnes, Philadelphia, Pa. Conveyer. 1,569,209; Jan. 12.
Sharp, Wilbur C., Camarillo, Calif. Apparatus for aiding in the forming and nailing of boxes. 1,569,145; Jan. 12.
Shawmut Engineering Company. (See Mason, Howard, assignor.)
Shay, William C., Jamestown, N. Y. Trouble light. 1,569,041; Jan. 12.
Sheer, Henry M., Quincy, Ill. Oil control for burners. 1,569,633; Jan. 12.
Sheet Metal Products Company. (See Baxter, K. S., and Cannon, assignors.)
Shelters, Hiram H., and H. A. Bashaw, Burlington, Vt.; said Bashaw assignor to said Shelters. Leaf-spring oiler. 1,569,583; Jan. 12.
Shepard, John W., Tucson, Ariz. Rotary engine. 1,569,791; Jan. 12.
Sheriff, David H., jr., Kansas City, Mo. Potentiometer. 1,569,042; Jan. 12.
Shipherd, Guy D., et al. (See Arundel, Thomas E., assignor.)
Shover, Lamar H., Milwaukee, Wis. Display jar stand. 1,569,584; Jan. 12.
Shover, Lamar H., Milwaukee, Wis. Display jar stand. 1,569,585; Jan. 12.
Showers, Joseph R., assignor to Indiana Cash Drawer Company, Shelbyville, Ind. Combination machine stand and drawer. 1,569,043; Jan. 12.
Sibley, Edwin J., Westbury, N. Y. Casement-window friction adjuster. 1,569,634; Jan. 12.
Silverstein, Oscar. (See Van Valkenberg, Eber H., assignor.)
Simmon, Karl A. (See Aspinwall, L. M., and Simmon.)
Simmons Company. (See Stuart, Charles A., assignor.)
Simon, Maurice, St. Louis, Mo. Antirattler device. 1,569,146; Jan. 12.
Simonds, Samuel W., et al. (See McNanama, John W., assignor.)
Sims, Lowell M., Eugene, Oreg. Collapsible stove. 1,569,401; Jan. 12.
Sinclair, William M., Strathfield, near Sydney, New South Wales, Australia. Manufacture of aldehydes, oils, and organic acids from cacti. 1,569,339; Jan. 12.
Sippel, Ernest H., and H. A. Hancox, assignors, by mesne assignments, to The Electric Auto-Lite Company, Toledo, Ohio. Igniter-testing device. 1,569,586; Jan. 12.
Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Double-drum hoist. 1,569,635; Jan. 12.
Slocum, Leslie G. S., deceased, San Francisco, Calif.; F. J. Knauss, administrator, assignor to The Brewer Titchener Corporation. Auto top window frame. 1,569,307; Jan. 12.
Slye, John Q., Washington, D. C., assignor to Standard Appliance and Souvenir Company. Stylus-sharpening device. 1,569,402; Jan. 12.
Slye, John Q., assignor to Standard Appliance and Souvenir Company, Washington, D. C. Fiber-needle sharpener for talking-machine records. 1,569,403; Jan. 12.
Smart, Joseph F., assignor to Landers, Frary & Clark, New Britain, Conn. Electrically-heated device. 1,569,241; Jan. 12.
Smith, Alva T., Winsted, Conn. Preventing overheating of electrically-heated appliances. 1,569,147; Jan. 12.
Smith, Alvin T., Los Angeles, Calif. Trousers creaser. 1,569,792; Jan. 12.
Smith, Benjamin F. (See Kosken, Wilho A., assignor.)
Smith, Clair, Council Bluffs, Iowa. Oil regulator for gas engines. 1,569,404; Jan. 12.
Smith, Glenn D., and W. F. Earhart, Pontiac, Mich. Positive drive. 1,569,044; Jan. 12.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,569,587; Jan. 12.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,569,636; Jan. 12.
Smith, Julius W., Seattle, Wash. Scoring device. 1,569,242; Jan. 12.
Smith, Louis J., Torrance, Calif. Piston for pumps. 1,569,308; Jan. 12.
Smyth Manufacturing Company, The. (See Clark, E. W., and Schramm, assignors.)
Snow, Barton S., Batavia, Ill. assignor to T. W. Snow Construction Company. Hoisting mechanism. 1,569,437; Jan. 12.
Snow, T. W., Construction Company. (See Snow, Barton S., assignor.)
Snow, Wilmer S., Oak Park, assignor to Crown Electrical Manufacturing Company, St. Charles, Ill. Wall bracket. Des. 69,237; Jan. 12.
Snyder, Blaine E., Watkins, N. Y. Dispensing device. 1,569,637; Jan. 12.
Snyder, Otto G., Dayton, Ohio. Reel-controlling means for casting rods. 1,569,210; Jan. 12.
Snyder Welch Process Corporation. (See Welch, William C., assignor.)
Sociedad Electro-Quimica De Flix. (See Müller, Wilhelm, assignor.)
Société Anonyme Marinoni Machines et Materiel pour l'Imprimerie et les Industries Annexes. (See Bobst, Henri, assignor.)
Société Anonyme pour l'Exploitation des Procédés Maurice Leblanc-Vickers. (See Leblanc, Charles L. A. M., assignor.)
Sommer, Ella H., Sioux City, Iowa. Child carrier. 1,569,045; Jan. 12.
Sommer, J. L., Manufacturing Co. (See Sommer, John L., assignor.)
Sommer, John L., Newark, N. J., assignor to J. L. Sommer Manufacturing Co. Lifter for fruit jars and the like. 1,569,405; Jan. 12.
Sonntag, Edwin C., Bartlett, Tex. Portable and collapsible wardrobe. 1,569,406; Jan. 12.
Spalding, A. G., & Bros. (See Reach, William F., assignor.)
Spartivento, William, Buffalo, N. Y. Hack saw. 1,569,407; Jan. 12.
Spartivento, William, Buffalo, N. Y. Hack saw. 1,569,408; Jan. 12.
Spencer, Elmer W., Hemple, Mo. Variable condenser. 1,569,211; Jan. 12.
Spicer Manufacturing Company. (See Macdonald, Angus S., assignor.)
Spicer Manufacturing Corporation. (See Macdonald, Harry P., assignor.)
Sprinkel, James M., Aurora, Ill. Steam boiler. 1,569,588; Jan. 12.
Stack, Maurice J., Cohoes, N. Y. Upholstery piping bat and making the same. 1,569,685; Jan. 12.
Stackhouse, W. H., et al. (See Einfeldt, Ernest E., assignor.)
Staege, Stephen A., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. 1,569,409; Jan. 12.
Stahle, John A., assignor to Stahle Mechanical Tire Co. Ltd., Boston, Mass. Resilient wheel. 1,569,046; Jan. 12.
Stahle Mechanical Tire Co. (See Stahle, John A., assignor.)
Stainbrook, Donald M., Orland, Ohio. Pipe wrench. 1,569,148; Jan. 12.
Standard Appliance and Souvenir Company. (See Slye, John Q., assignor.)
Standard Chemical Company. (See Goetschius, D. M., and Vogt, assignors.)
Standard Oil Company. (See Taylor, Lynn M., assignor.)
Standard Optical Company, The. (See Long, Ell M., assignor.)

Standard Steel Propeller Company. (See Dicks, Thomas A., assignor.)
Standard Stoker Company. (See Hunt, Andrew M., assignor.)
Stanton, Sandford F., Lockland, Ohio. Rail joint. 1,569,047; Jan. 12.
Stearns, Henry M., Richmond, Calif. Cement wall construction. 1,569,309; Jan. 12.
Steele, Thomas F., Minneapolis, Minn. Valve-operating tool. 1,569,638; Jan. 12.
Steenbergh, Alexander W. (See Mackenzie, H. J., and Steenbergh.)
Steiner, George A., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,569,438; Jan. 12.
Steiner Sales Company. (See Steiner, George A., assignor.)
Stember, Bernard, New York, N. Y. Fastener for bags or the like. 1,569,149; Jan. 12.
Stern, Marc. (See Doehler, H. H., and Stern.)
Stevens, Jesse E., Lebanon, Ind. Automobile spring control and repair device. 1,569,150; Jan. 12.
Stevens, Leslie, Glen Ridge, N. J. Sound amplifier. Des. 69,238; Jan. 12.
Stevenson, George H., Rye, assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum-tube socket. 1,569,639; Jan. 12.
Stewart, Victor A., New York, N. Y. Waterproofing motion-picture films and other gelatinous surfaces. 1,569,151; Jan. 12.
Stewart-Warner Speedometer Corporation. (See West, Frank W., assignor.)
Stock, Friedrich J. J., Munich, Germany. Apparatus for regenerating cinematographic films. 1,569,048; Jan. 12.
Stocker, Charles S., assignor to J. M. Brennan, Los Angeles, Calif. Hydraulic jack. 1,569,589; Jan. 12.
Stoddard, Harry B., assignor of one-tenth to F. J. Crispin, Syracuse, N. Y. Water-cooling system for internal-combustion engines. 1,569,243; Jan. 12.
Stone, Melvin L., Lawrence, assignor to Draper Corporation, Hopedale, Mass. Warp stop mechanism for looms. 1,569,828; Jan. 12.
Streich, Paul B., Joliet, Ill. Oil burner. 1,569,640; Jan. 12.
Stromberg-Carlson Telephone Manufacturing Company, The. (See Powell, Winfred T., assignor.)
Strong-Scott Manufacturing Company. (See Little, Philip, jr., assignor.)
Stryker, R. S. (See Chase, Newton D., assignor.)
Stuart, Charles A., assignor to Simmons Company, Kenosha, Wis. Child's crib. Des. 69,239; Jan. 12.
Stuart, Charles A., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Bedstead end frame. Des. 69,240; Jan. 12.
Stuart, Charles A., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Bedstead end frame. Des. 69,241; Jan. 12.
Stuart, Charles A., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Bedstead end frame. Des. 69,242; Jan. 12.
Stuckert, John F., Philadelphia, Pa. Roofing joint. 1,569,641; Jan. 12.
Stuewe, Oscar H., and R. G. Marquardt, Milwaukee, Wis. Spring bed bottom. 1,569,430; Jan. 12.
Stufflebeam, Albert, Paris, Ark. Drink mixer. 1,569,049; Jan. 12.
Submarine Signal Company. (See Mason, Max, assignor.)
Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
Sullivan Machinery Company. (See Halvorsen, Halbert B., assignor.)
Sullivan Machinery Company. (See Mercer, Henry H., assignor.)
Sulzer Frères Société Anonyme. See Kägi, Emil, assignor.)
Sundee, John R., assignor to Warner Jewelry Case Company, Buffalo, N. Y. Making Jewerly cases. 1,569,642; Jan. 12.
Sunderland, Katherine B., Danbury, Conn. Attachment for shoes. 1,569,440; Jan. 12.
Susana, Joseph. (See Pearl, R., and Susana.)
Swartz, Henry A., jr., Minneapolis, assignor to T. O'Connell, sr., St. Paul, Minn. Radiator hanger. 1,569,050; Jan. 12.
Swartzlander, Thomas H., Aspinwall, Pa., assignor to Pittsburgh Plate Glass Company. Glass tank construction. 1,569,152; Jan. 12.
Swift, William E. (See Valle, Pembroke A., assignor.)
Symington Company, The. (See Kadel, Byers, W., assignor.)

Tagliabue Mfg. Co. (See Roesch, Alfred, assignor.)
Tate, Edward H., Malden, Mass. Mop holder. 1,569,643; Jan. 12.
Taylor Instrument Companies. (See Winn, Herbert J., assignor.)
Taylor, Lynn M., Peoria, Ill., assignor to Standard Oil Company, Whiting, Ind., and Chicago, Ill. Valve-operating tool. 1,569,644; Jan. 12.
Telephone Auxiliary Co. (See Scher, Louis S., assignor.)
Temple, James, Portland, Oreg. Metal-cutting machine. 1,569,154; Jan. 12.
Temple, Robert, Bromley, England. Captive bolt or like projectile device. 1,569,153; Jan. 12.
Thaler, Gustav, Oakland, Calif. Faucet. 1,569,645; Jan. 12.
Thelen, John B., and P. L. Boulicault, Milwaukee, Wis. Safety device for aeroplanes. 1,569,590; Jan. 12.
Thomas, Dan, England, Ark. Sheet-metal railway crossing. 1,569,410; Jan. 12.
Thomas, Normal T., assignor to Nashua Manufacturing Company, Nashua, N. H. Cloth-inspecting machine. 1,569,646; Jan. 12.
Thomas, Phillips, Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Dynamic transmitter. 1,569,411; Jan. 12.
Thomas, Thomas H., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train-control device. 1,569,155; Jan. 12.
Thompson, Fredrick B., Los Angeles, Calif. Photographic-film drier. 1,569,156; Jan. 12.
Thompson, Harry A., Lowell, assignor to The Moxie Company, Boston, Mass. Beverage-vending device. 1,569,157; Jan. 12.
Thompson, James H., Trenton, assignor to Hussong Dyeing Machine Company, Groveville, N. J. Apparatus for dyeing raw stock. 1,569,647; Jan. 12.
Ticer, Amos L. (See Moore, Joseph A., assignor.)
Tirrell, Edward L., Phillipsburg, N. J. Derrick. 1,569,686; Jan. 12.
Tobey, Fred W., Grand Rapids, Mich. Filing cabinet. 1,569,158; Jan. 12.
Toledo Scale Company. (See Bergen, Harry S., assignor.)
Toledo Scale Company. (See Hem, Halvor O., assignor.)
Toledo Scale Company. (See Myers, Hubert A., assignor.)
Tomhave, Louis, Fergus Falls, Minn. Cream cooler. 1,569,793; Jan. 12.
Torell, Forgny F. (See Peek, R. L., and Torell.)
Tormo, Manel G., assignor to O. Deimel, New York, N. Y. Closure for containers. 1,569,648; Jan. 12.
Towle Manufacturing Company. (See Nock, Harold E., assignor.)
Trarara, Petro, Benton Harbor, Mich. Child's barber chair. Des. 69,243; Jan. 12.
Trevorrow, John F., South Melbourne, Victoria, Australia. Tire lever. 1,569,310; Jan. 12.
Trumbull Electric Manufacturing Company, The. (See Getchell, Benjamin E., assignor.)
Tullgren, Bernard G., Brooklyn, N. Y. Chuck. 1,569,591; Jan. 12.
Turner, Gerald E., assignor to A. E. Little Company, Lynn, Mass. Gauge for boot and shoe machines. 1,569,592; Jan. 12.
Underwood, Thomas C., et al. (See Hutchinson, Louie C., assignor.)
Underwood Typewriter Company. (See Dobson, William A., assignor.)
Underwood Typewriter Company. (See Helmond, William F., assignor.)
Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Typewriter Company. (See Smith, Jesse A. B., assignor.)
Underwood Typewriter Company. (See Waldheim, John, assignor.)
Union Switch & Signal Company, The. (See Nicholson, Frank H., assignor.)
United Shoe Machinery Corporation. (See Mayo, Benjamin F., assignor.)
United Shoe Machinery Corporation. (See Ray, Eugene J., assignor.)
Universal Fixture Corporation. (See Cross, Charles C., assignor.)
Universal Fixture Corporation. (See Goldberg, Samuel, assignor.)
Upperco Cadillac Corporation. (See Bauer, Walter C., assignor.)
Urie, James W., assignor of one-half to J. C. Goolthrite, Carson City, Mich. Nonskid device. 1,569,687; Jan. 12.
Utter, Gill, Tacoma, Wash. Game board. 1,569,688; Jan. 12.
Valle, Pembroke A., assignor of one-half to W. E. Swift, Chicago, Ill. Ferrule for golf clubs. 1,569,340; Jan. 12.
Van der Sterr, Petrus K., Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company. Relay. 1,569,593; Jan. 12.
Van Doorn, Anthonius M., Utrecht, Netherlands. Fountain drawing pen. 1,569,594; Jan. 12.
Vannoni, Gino, Mishawaka, Ind. Sole molding and trimming device. 1,569,689; Jan. 12.
Van Orman, Bert L., Highland Park, assignor to L. A. Young Industries, Inc., Detroit, Mich. Wire-springballing machine. 1,569,159; Jan. 12.
Van Orman, Bert L., Highland Park, and R. V. Hellman, assignors to L. A. Young Industries, Inc., Detroit, Mich. Wire-spring nesting or assembling machine. 1,569,160; Jan. 12.
Van Valkenberg, Eber H., Monroe, assignor of one-half to Silverstein, Spokane, Wash. Airship. 1,569,161; Jan. 12.
Van Valkenberg, Eber H., Monroe, assignor of one-half to O. Silverstein, Spokane, Wash. Ballasting means. 1,569,162; Jan. 12.

Van Weyenbergh, Emile, Clapham, London, assignor to Courtaulds Limited, London, England. Preparation of alkali celluloses. 1,569,692; Jan. 12.
Vapor Car Heating Company. (See Post, Edward C., assignor.)
Varell, Anna D., New York, N. Y. Stake. 1,569,341; Jan. 12.
Vaughn, John P., St. Petersburg, Fla. Protector for distributor wires. 1,569,101; Jan. 12
Vernes, Arthur, R. Bricq, M. L. A. Jobin, and G. G. J. Yvon, Paris, France. Absorption and diffusion photometer. 1,569,342; Jan. 12.
Vernet, Sergius, Brooklyn, N. Y. Automobile bumper. 1,569,441; Jan. 12.
Victor Adding Machine Co. (See Johantgen, Oliver D., assignor.)
Viets, Floyd H., Alhambra, assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical precipitation of suspended material from gases. 1,569,595; Jan. 12.
Villaret, Gustave E., Leonia, N. J., assignor to H. Hilfman, New York, N. Y. Lighting fixture or the like. Des. 69,244; Jan. 12.
Villaret, Gustave E., Leonia, N. J., assignor to H. Hilfman, New York, N. Y. Lighting fixture or the like. Des. 69,245; Jan. 12.
Voegeli, Frederick B., Easton, Pa. Cloth expander. 1,569,343; Jan. 12.
Vogt, Louis F. (See Goetschius, D. M., and Vogt.)
Vulcan Last Company, The. (See Clausing, George, assignor.)
Wadsworth, David T., Cold Springs, assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Safety switch box. 1,569,051; Jan. 12.
Wadsworth Electric Manufacturing Company, The. (See Wadsworth, David T., assignor.)
Wainio, Wester, Watton, Mich. Self-cleaning berry picker. 1,569,690; Jan. 12.
Waldheim, John, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,569,052; Jan. 12.
Waldheim, John, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,569,244; Jan. 12.
Waldron, Benjamin F., Duncan, Okla. Burner. 1,569,163; Jan. 12.
Wall, William G., assignor to Rectifier Manufacturing Company, Indianapolis, Ind. Oil rectifier. 1,569,795; Jan. 12.
Walsh, James A. (See Krause, Norman R., assignor.)
Walsh, James M., Milwaukee, Wis. Strap holder. 1,569,442; Jan. 12.
Walsh, William J., Hamilton, Ontario, Canada. Bookrest. 1,569,596; Jan. 12.
Walstad, Otto A., Minneapolis, Minn. Detachable window. 1,569,691; Jan. 12.
Walz, Charles J. (See Walz, Frederick M. and C. J.)
Walz, Frederick M. and C. J., Buffalo, N. Y. Automobile signal. 1,569,053; Jan. 12.
Ward Leonard Electric Company. (See Bullinger, Frederic H., assignor.)
Warner, Alonzo A., assignor to Landers, Frary & Clark, New Britain, Conn. Immersion heater. 1,569,102; Jan. 12.
Warner, Chester E. (See Hopkins, C. L., and Warner.)
Warner Jewelry Case Company. (See Sundee, John R., assignor.)
Warner, William G., Pittsburgh, Pa. Rodding machine. 1,569,054; Jan. 12.
Waters, Lawrence W., Los Angeles, Calif. Windshield wiper. 1,459,412; Jan. 12.
Watson, Charles P., New York, N. Y. Moving-picture camera. 1,569,103; Jan. 12.
Watson, Edward L., Bode, Iowa. Electric soldering tool. 1,569,796; Jan. 12.
Watters, John H., Anniston, Ala. Track sander. 1,569,830; Jan. 12.
Way, Eugene W., Seattle, Wash. Automatic stop for punching machines. 1,569,649; Jan. 12.
Weaver, Allan, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Telegraph circuit. 1,569,055; Jan. 12.
Weed, Edward L., assignor to Potter & Buffinton Company, Providence, R. I. Badge. 1,569,443; Jan. 12.
Wehrle Company, The. (See Pickup, George E., assignor.)
Weil, Lehman, New York, N. Y. Flying machine. 1,569,794; Jan. 12.
Weingaertner, Albert, St. Louis, Mo. Weather strip for windows. 1,569,413; Jan. 12.
Weiskopf, Charles H., Hawthorne, assignor to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical precipitation of suspended material from gases. 1,569,597; Jan. 12.
Welch, William C., Newton, assignor to Snyder Welch Process Corporation, Boston, Mass. Colored patent leather and making the same. 1,569,056; Jan. 12.
Wensing, Arthur. (See Curtis, Harry A., assignor.)
Wentz, Howard B., and J. B. Pridgen, Charlotte, N. C. Traffic-lines street-painting machine. 1,569,104; Jan. 12.
Werber, Fred C., Kingston, Pa. Textile spinner and twister. 1,569,831; Jan. 12.
Wesley, James W., Happy, Tex. Attachment for listers. 1,569,598; Jan. 12.
West, Frank W., New Rochelle, N. Y., assignor, by mesne assignments, to Stewart-Warner Speedometer Corporation. Speedometer drive. 1,569,344; Jan. 12.
West, Perry, Newark, N. J., assignor, by mesne assignments, to Elliott Company, Pittsburgh, Pa. Deactivator. 1,569,105; Jan. 12.
Western Architectural Iron Company. (See Rundgren, Edward M., assignor.)
Western Electric Company. (See Clarke, Harry R., assignor.)
Western Electric Company. (See Conway, Roy D., assignor.)
Western Electric Company. (See Coram, Roy E., assignor.)
Western Electric Company. (See Curtis, Austen M., assignor.)
Western Electric Company. (See Deakin, Gerald, assignor.)
Western Electric Company. (See Dunham, Bert G., assignor.)
Western Electric Company. (See Griffith, Thomas R., assignor.)
Western Electric Company. (See Helwig, Eugene C., assignor.)
Western Electric Company. (See Knudsen, Vern O., assignor.)
Western Electric Company. (See Schwerin, Paul, assignor.)
Western Electric Company. (See Stevenson, George H., assignor.)
Western Wire Products Company. (See Young, Harry M., assignor.)
Westinghouse Air Brake Company, The. (See Dean, William E., assignor.)
Westinghouse Air Brake Company, The. (See Hume, John, assignor.)
Westinghouse Air Brake Company. (See Ostrander, Allen E., assignor.)
Westinghouse Air Brake Company, The. (See Robinson, Henry J., assignor.)
Westinghouse Air Brake Company, The. (See Thomas, Thomas H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Aspinwall, L. M., and Simmon, assignors.)
Westinghouse Electric & Manufacturing Company. (See Brace, Porter H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brackett, Quincy A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cole, Guerney H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ferguson, Alexander D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hartman, Harry F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hellmund, Rudolf E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hodgkins, Charles H., assignor.)
Westinghouse Electric & Manufacturing Company. (See James, Henry D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnston, Howard H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Keene, Alvin D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Larkin, Ernest M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Marbury, Ralph E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Staege, Stephen A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Thomas, Phillips, assignor.)
Westinghouse Electric & Manufacturing Company. (See van der Sterr, Petrus K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Woodson, James C., assignor.)
Westinghouse Lamp Company. (See Higgins, John J., assignor.)
White, Arthur, and J. J. Mohr, Sheboygan Falls, Wis. Concrete-molding machine. 1,569,057; Jan. 12.
White, Edwin J., Seattle, Wash. Resilient wheel. 1,569,106; Jan. 12.
White, John F., assignor to White Products Company, Chicago, Ill. Waterproof panel board. 1,569,107; Jan. 12.
White Products Company. (See White, John F., assignor.)
Whitney Mfg. Co., The. (See Müller, Friederich, assignor.)
Widmer, Edward J., Denver, Colo. Chisel handle. 1,569,164; Jan. 12.
Wigginton, George P., assignor to Kalamazoo Loose Leaf Binder Co., Kalamazoo, Mich. Sheet binder. 1,569,058; Jan. 12.
Wilkie, Robert J. (See Crysler, H. Stanley, assignor.)
Willgoos, Andrew V. D., Upper Montclair, N. J., assignor to Wright Aeronautical Corporation. Internal-combustion engine. 1,569,245; Jan. 12.
Williams, Charles E., assignor to Bay State Tap & Die Company, Mansfield, Mass. Tap. 1,569,108; Jan. 12.
Williams, Thomas J. (See Lewis, F. E., and Williams.)
Willmarth, Charles A., Tecumseh, Mich. Peat-drying machine. 1,569,345; Jan. 12.

Wilson, Mary L., and R. L. Rockwell, Seattle, Wash.; said Rockwell assignor of one-sixth of the entire right to said Wilson. Flooring jack. 1,569,346; Jan. 12.
Wilson-Western Sporting Goods Co. (See Levinson, David, assignor.)
Winn, Herbert J., assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. Des. 69,246; Jan. 12.
Winslow Safety High Pressure Boiler Company. (See Ellis, Lewis M., assignor.)
Wirz, Ernst, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Annealing furnace. 1,569,444; Jan. 12.
Wöhrle, Silvester, Steglitz, near Berlin, assignor to the Firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Temperature-controlling system for rail way cars. 1,569,797; Jan. 12.
Wolary, Wilbur W. (See Brown, T. W., and Wolary.)
Wolf, Melanie, New York, N. Y. Toot-cleansing and gum-massaging device. 1,569,165; Jan. 12.
Wolff, Oscar M., Chicago, Ill. Reel. 1,569,798; Jan. 12.
Wood, David C. (See Wood, John R., and D. C.)
Wood, John R., Wichita, and D. C. Wood, Liberal, Kans. Crate-lid remover. 1,569,059; Jan. 12.
Woodford, Edwin S., Salem, Oreg. Monoplane. 1,669,414; Jan. 12.
Woodson, James C., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric-furnace heating unit. 1,569,415; Jan. 12.
Workman, Ross O., Chewelah, Wash. Coffeepot. 1,569,445; Jan. 12.
World Bottling Co. (See Gomila, John G., assignor.)
Wright Aeronautical Corporation. (See Willgoos, Andrew V. D., assignor.)
Wright, William F., Lisbon, Ohio. Track hanger. 1,569,060; Jan. 12.
Yager, Leslie D., Fort Wayne, Ind. Attachment plug. 1,569,528; Jan. 12.
Young, Charles B., and C. J. Caspar, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Metal sash construction. 1,569,109; Jan. 12.
Young, Charles L., Richmond, Ind. Sanitary toothpick dispenser. 1,569,061; Jan. 12.
Young, Harry M., assignor to Western Wire Products Company, St. Louis, Mo. Spring mattress. 1,569,246; Jan. 12.
Young, L. A., Industries, Inc. (See Van Orman, B. L., and Heilman, assignors.)
Young, L. A., Industries, Inc. (See Van Orman, Bert L., assignor.)
Young, Llewellyn C., Toledo, Ohio. Nursing nipple. 1,569,693; Jan. 12.
Yoxall, William, Manchester, England. Device for the production of creases in trousers. 1,569,110; Jan. 12.
Yvon, Gustave G. J. (See Vernes A., Bricq, Jobin, and Yvon.)
Zehnder, Walter, Granichen, Switzerland. Electromagnetic chuck. 1,569,599; Jan. 12.
Ziler, Corban H., Detroit, Mich. Record-manipulating mechanism for phonographs. 1,569,062; Jan. 12.
Zinke, Alois, and H. Schoepfer, Graz, Austria, assignors, by mesne assignments, to F. Bensa, Genoa, Italy. Manufacturing a perylene vat dye. 1,569,111; Jan. 12.
Zipperer, Otis E., Coleman, Fla. Railway switch. 1,569,694; Jan. 12.
Zolla, Ralph A., Revere, Mass. Automobile control-lever attachment. 1,569,063; Jan. 12.
Zoul, Charles V., Santa Monica, Calif., assignor, by mesne assignments, to The Celite Company. Apparatus for deemulsification of oils, etc. 1,569,695; Jan. 12.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 12TH DAY OF JANUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Acetylene-gas generator. D. H. Danley. 1,569,722; Jan. 12.
Acetylene generator. D. A. Milam. 1,568,988; Jan. 12.
Acid, Manufacture of lactic. S. E. Faithfull. 1,569,221; Jan. 12.
Aeroplane control, System of. J. H. Hammond, jr. 1,568,972; Jan. 12.
Aeroplane, Vertically-rising. V. Newbauer. 1,569,668; Jan. 12.
Aeroplanes, Propeller for. T. A. Dicks. 1,569,800; Jan. 12.
Aeroplanes, Safety device for. J. B. Thelen and P. L. Boulicault. 1,569,590; Jan. 12.
Air brake. A. E. Ostrander. 1,569,133; Jan. 12.
Air compressor. W. M. Myers. 1,569,435; Jan. 12.
Air-directing device. T. Neilson. 1,569,667; Jan. 12.
Air ejector. C. L. A. M. Leblanc. 1,569,760; Jan. 12.
Airship. E. H. Van Valkenberg. 1,569,161; Jan. 12.
Aldehydes, oils, and organic acids from cacti, Manufacture of. W. M. Sinclair. 1,569,339; Jan. 12.
Alkali celluloses, Preparation of. E. Van Weyenbergh. 1,569,692; Jan. 12.
Amusement apparatus. T. R. Nock. 1,569,780; Jan. 12.
Anchor, Earth. J. Blackburn. 1,569,068; Jan. 12.
Animal trap. C. A. Rancier. 1,569,827; Jan. 12.
Annealing furnace. G. H. Cole. 1,569,356; Jan. 12.
Annealing furnace. E. Wirz. 1,569,444; Jan. 12.
Anticreeper. W. W. Holland. 1,569,806; Jan. 12.
Antirattler device. M. Simon. 1,569,146; Jan. 12.
Antiskid device for autos. J. W. Seeger. 1,569,790; Jan. 12.
Arch supporter. L. E. Scrannage. 1,569,206; Jan. 12.
Asphaltum and other materials from waste material, Apparatus for and process of reclaiming and converting. R. D. Divine. 1,569,462; Jan. 12.
Auto top window frame. L. G. S. Slocum. 1,569,307; Jan. 12.
Automatic separator, Continuous. E. S. Murphy. 1,569,778; Jan. 12.
Automatic switch. E. A. Bohlman. 1,569,450; Jan. 12.
Automobile body. F. J. Pew. 1,569,572; Jan. 12.
Automobile brake. H. J. Robinson. 1,569,143; Jan. 12.
Automobile bumper. F. Amato. 1,569,166; Jan. 12.
Automobile bumper. S. Vernet. 1,569,441; Jan. 12.
Automobile cab. K. S. Baxter and C. H. Cannon. 1,569,168; Jan. 12.
Automobile control-lever attachment. A. A. Zolla. 1,569,063; Jan. 12.
Automobile crank holder. N. C. Barnes. 1,569,530; Jan. 12.
Automobile fender. L. E. Goodwin. 1,569,743; Jan. 12.
Automobile inclosure. G. E. Bishop. 1,569,254; Jan. 12.
Automobile lock. A. W. Daiferes. 1,569,721; Jan. 12.
Automobile radiators, Ornament for. H. P. Long. 1,569,096; Jan. 12.
Automobile signal. F. M., and C. J. Walz. 1,569,053; Jan. 12.
Automobile spring control and repair device. J. E. Stevens. 1,569,150; Jan. 12.
Automobile steering wheel and electric headlight switch. B. Hamblet. 1,569,123; Jan. 12.
Automobile top. E. M. Maxwell. 1,569,771; Jan. 12.
Automobile tops, Hinge support for. M. R. Hull. 1,569,807; Jan. 12.
Automobile window screen. H. A. Curtis. 1,569,118; Jan. 12.
Automobiles, Starting mechanism for. G. H. Hodgkins. 1,569,371; Jan. 12.
Automobiles, Steering mechanism for. F. E. Fanaler. 1,569,733; Jan. 12.
Automobiles, Throttle control for. A. Burrows. 1,569,612; Jan. 12.
Automobiles, Toilet convenience for. F. J. Pew. 1,569,571; Jan. 12.
Axle joint, Adjustable stub. L. M. Barstow. 1,569,311; Jan. 12.
Axle power brake. L. M. Aspinwall and K. A. Simmon. 1,569,349; Jan. 12.
Axminster tube frame. H. Mason. 1,569,559; Jan. 12.
Badge. E. L. Weed. 1,569,443; Jan. 12.
Bags or the like, Fastener for. B. Stember. 1,569,149; Jan. 12.
Bags, Tie for closing the mouths of. R. E. Pierce. 1,569,138; Jan. 12.
Baling machine, Wire-spring. B. L. Van Orman. 1,569,159; Jan. 12.
Ball-lacing device. P. C. Mann. 1,569,841; Jan. 12.
Ballasting means. E. H. Van Valkenberg. 1,569,162; Jan. 12.
Banking means, Auxiliary. H. B. Kline. 1,568,978; Jan. 12.
Bar-lock switch. C. Norton. 1,569,669; Jan. 12.
Barber chair, Child's. P. Trarara. Des. 69,243; Jan. 12.
Bathing cap. J. H. Gilson. 1,569,475; Jan. 12.
Bearing, Dustproof. H. R. Higgins. 1,569,751; Jan. 12.
Bearing, Pivot. H. S. Bergen. 1,569,608; Jan. 12.
Bearing, Vehicle spring. R. R. Searles. 1,569,240; Jan. 12.
Bed, Automobile. R. W. Mayne. 1,569,772; Jan. 12.
Bed bottom, Spring. O. H. Stuewe and R. G. Marquardt. 1,569,439; Jan. 12.
Bedstead and frame. C. A. Stuart. Des. 69,240–2; Jan. 12.
Bench vise. J. Puterbaugh. 1,569,236; Jan. 12.
Bending brake. T. J. Kelleher. 1,569,022; Jan. 12.
Berry picker, Self-cleaning. W. Wainio. 1,569,690; Jan. 12.
Beverage-vending device. H. A. Thompson. 1,569,157; Jan. 12.
Binder. L. R. Lewis. 1,569,381; Jan. 12.
Binder, Loose-leaf. J. C. Dawson. 1,569,005; Jan. 12.
Binders, Shocking and stooking machine for attachment to. G. McClellan. 1,569,514; Jan. 12.
Bit: *See*—
  Disk bit. Drilling bit.
Blasting method and means, Combination. D. Ferrell and A. W. Helmholtz. 1,569,222; Jan. 12.
Block: *See*—
  Paving block. Pressing block.
Blocking hoe, Automatic. J. A. Cain. 1,569,070; Jan. 12.
Blow-out preventer. J. S. Abercrombie and H. S. Cameron. 1,569,247; Jan. 12.
Blowpipe. L. Oliphant. 1,569,024; Jan. 12.
Board: *See*—
  Drafting board. Ironing board.
  Game board. Panel board.
Bobbin, All-metal. L. A. Cadoret. 1,569,711; Jan. 12.
Bobbin for transformer windings and the like. F. Häberle. 1,569,482; Jan. 12.
Body of high electron and light emission and making the same. C. A. Laise. 1,569,095; Jan. 12.
Boiler: *See*—
  Steam boiler.
Boiler. E. P. J. and A. L. Niclausse. 1,569,523; Jan. 12.
Boiler and tank stud fitting. T. F. Hays. 1,569,015; Jan. 12.
Bolt lock. G. F. Colley. 1,569,718; Jan. 12.
Bolt or like projectile device, Captive. R. Temple. 1,569,153; Jan. 12.
Bolts, Determining tension on. H. P. Macdonnld. 1,569,837; Jan. 12.
Bookbinding. L. R. Lewis. 1,569,382; Jan. 12.
Bookbinding machine. E. W. Clark and C. Schramm. 1,569,265; Jan. 12.
Bookrest. W. J. Walsh. 1,569,596; Jan. 12.
Boot and shoe machines, Gauge for. G. E. Turner. 1,569,592; Jan. 12.
Bottle. J. G. Gomila. Des. 69,213; Jan. 12.
Bottle opener. E. I. Rogers, jr. Des. 69,235; Jan. 12.
Bourdon gauges, Retard device for. O. W. Heise. 1,569,749; Jan. 12.
Bowling alley and bowling apparatus. G. F. Cahill. 1,569,260; Jan. 12.
Box: *See*—
  Candy box. Tool box.
  Switch box.
Box. R. Becker. Des. 69,196; Jan. 12.
Box-hook-strapping mechanism. S. J. Dunn. 1,569,359; Jan. 12.
Boxes, Apparatus for aiding in the forming and nailing of. W. C. Sharp. 1,569,145; Jan. 12.
Braiding machines, Carrier for. S. B. Blaisdell. 1,569,449; Jan. 12.
Brake: *See*—
  Air brake. Bending brake.
  Automobile brake. Fluid-pressure brake.
  Axle power brake.
Brake and meter construction. A. Y. Dodge. 1,569,219; Jan. 12.
Brake mechanism. G. W. Ross. 1,569,338; Jan. 12.
Bricklayer's jointer. C. Belknap. 1,569,067; Jan. 12.

Bridge towers, Stop for. F. G. Hartwell. 1,568,975; Jan. 12.
Brush. H. J. S. Cross. 1,569,620; Jan. 12.
Brush, Comb-cleaning. L. V. Lucia. 1,569,431; Jan. 12.
Brushholder contact finger. H. F. Hartman. 1,569,367; Jan. 12.
Bucket-dumping apparatus. J. A. Kinney. 1,569,501; Jan. 12.
Buckle. E. N. Humphrey. 1,569,088; Jan. 12.
Buckle. I. R. Lederer. 1,569,507; Jan. 12.
Bulb mounting. R. L. Patterson. 1,569,527; Jan. 12.
Bunks, Filler for log. F. W. Chriswell. 1,569,613; Jan. 12.
Burner: *See*—
Oil burner.
Burner. B. F. Waldron. 1,569,163; Jan. 12.
Burner construction. O. J. Groehn. 1,569,479; Jan. 12.
Burners, Oil control for. H. M. Sheer. 1,569,633; Jan. 12.
Burners, Oil-distributing head for rotary oil. J. Schemlinger, jr. 1,569,580; Jan. 12.
Button. G. Kellog. 1,569,548; Jan. 12.
Button-sawing machines, Saw-filing attachment for. J. D. Buchanan. 1,569,704; Jan. 12.
Cabinet. A. P. Geimer. 1,569,010; Jan. 12.
Cabinet. H. C. Gowran. 1,569,013; Jan. 12.
Cabinet, Knockdown. W. L. Byrne and H. A. Beesley. 1,569,832; Jan. 12.
Cabinet, Towel. G. A. Steiner. 1,569,438; Jan. 12.
Calculating machine. O. D. Johantgen. 1,569,188; Jan. 12.
Camera. S. M. Fairchild. 1,568,969; Jan. 12.
Camera. E. A. Pigeon. 1,569,139; Jan. 12.
Camera, Moving-picture. C. P. Watson. 1,569,103; Jan. 12.
Can bodies, Machine for making. P. Kruse. 1,569,093; Jan. 12.
Can holder. A. Major. 1,569,825; Jan. 12.
Can opener. J. A. Linn. 1,569,289; Jan. 12.
Can-testing machine. W. Cameron. 1,568,956; Jan. 12.
Canceling device. A. A. Egli. 1,569,540; Jan. 12.
Candy box. B. H. Lengsfield. 1,568,982; Jan. 12.
Candy confection. C. F. Haug. 1,569,747; Jan. 12.
Candy-machine casing. G. E. Brent. Des. 69,199; Jan. 12.
Cane and gun, Combination. F. S. Bernabé. 1,569,700; Jan. 12.
Cap. D. Levinson. 1,569,658; Jan. 12.
Cap-forming machines, Printing attachment for. C. A. Garrett. 1,569,363; Jan. 12.
Car, Convertible stock. R. C. Chisam. 1,569,071; Jan. 12.
Car coupler. T. Hotchkiss. 1,569,281; Jan. 12.
Car coupler, Automatic mine-. B. E. Glidersleeve. 1,569,012; Jan. 12.
Car door. D. E. Conrad. 1,569,799; Jan. 12.
Car door. B. Fuller. 1,569,834; Jan. 12.
Car-elevating cradle or skid, Motor-. E. P. Elzey. 1,569,469; Jan. 12.
Car heater, Tank-. H. W. Ash. 1,569,605; Jan. 12.
Car, Railway. H. W. Sanford. 1,569,037; Jan. 12.
Car seal, Freight-. W. J. Miller. 1,569,294; Jan. 12.
Cars, Drawbar for mine. C. F. Clayton. 1,569,716; Jan. 12.
Cars, Grain door for railway. H. L. Power. 1,569,029; Jan. 12.
Cars, Loading and unloading. C. E. Lindsay and C. V. Ogbin. 1,569,819; Jan. 12.
Carbonaceous material, Method and apparatus for distillation of. R. M. Catlin. Re16,252; Jan. 12.
Card shuffler. C. A. and W. J. Gunzelman. 1,569,277; Jan. 12.
Cars, Temperature-controlling system for railway. S. Wöhrle. 1,569,797; Jan. 12.
Carrier: *See*—
Child carrier.
Case: *See*—
Knife case. Vanity case.
Laundry case.
Casting mold, Slug-. R. R. Mead. 1,569,386; Jan. 12.
Casting rods, Reel-controlling means for. O. G. Snyder. 1,569,210; Jan. 12.
Cattle guard. W. B. Plunkett. 1,569,235; Jan. 12.
Cement wall construction. H. M. Stearns. 1,569,309; Jan. 12.
Chaff remover. B. M. Ely. 1,569,468; Jan. 12.
Chain and parts therefor. F. Müller. 1,569,234; Jan. 12.
Chain link. F. W. Meyers. 1,568,987; Jan. 12.
Chains, Master link for conveyer. R. L. Mudge. 1,568,992; Jan. 12.
Chest. E. Dickson. 1,569,422; Jan. 12.
Child carrier. E. H. Sommer. 1,569,045; Jan. 12.
Chisel handle. E. J. Widmer. 1,569,164; Jan. 12.
Chuck. B. G. Tuligren. 1,569,591; Jan. 12.
Chuck, Electromagnetic. W. Zehnder. 1,569,599; Jan. 12.
Cigarettes, Apparatus for feeding and arranging oval. W. E. Molins. 1,568,989; Jan. 12.
Cinematographic films, Apparatus for regenerating. F. J. J. Stock. 1,569,048; Jan. 12.
Ciphering and deciphering device. L. F. Morehouse. 1,568,991; Jan. 12.
Circuit detector, Open-potential-. E. F. Preston. 1,569,299; Jan. 12.
Clamp: *See*—
Rod clamp.
Clay or body composition for ceramic articles, Preparing. A. O. Austin. 1,569,251; Jan. 12.
Cleaner: *See*—
Pipe cleaner.
Closure for containers. M. G. Tormo. 1,569,648; Jan. 12.
Cloth expander. F. B. Voegeli. 1,569,343; Jan. 12.
Cloth-inspecting machine. N. T. Thomas. 1,569,646; Jan. 12.
Clothes hanger. H. T. Hettinger. 1,569,369; Jan. 12.
Clothesrack. D. E. Reynolds. 1,569,238; Jan. 12.
Clutch mechanism. A. B. Clisson. 1,569,420; Jan. 12.
Coach, Combination passenger, day, and sleeping. A. E. Hutt. 1,569,754; Jan. 12.
Coat. M. B. Florsheim. 1,569,735; Jan. 12.
Coat and overcoat, Combination. M. Gaidhaed. 1,568,971; Jan. 12.
Cock provided with electric liquid heating means. A. F. E. Hanson. 1,569,485; Jan. 12.
Coffeepot. R. O. Workman. 1,569,445; Jan. 12.
Coffeepot or analogous article. H. E. Nock. Des. 69,230; Jan. 12.
Combing machine. J. W. Nasmith. 1,569,566; Jan. 12.
Combustion apparatus. W. H. Archer. 1,569,250; Jan. 12.
Computation, Means of. G. T. Malan. 1,569,770; Jan. 12.
Concentrator. C. E. Bonine. 1,569,451; Jan. 12.
Concrete construction. A. O. Dolson. 1,569,622; Jan. 12.
Concrete-molding machine. A. White and J. J. Mohr. 1,569,057; Jan. 12.
Concrete structure for housing. I. T. Blount. 1,568,997; Jan. 12.
Concrete vessels, Molding form for. E. M. Camp. 1,568,957; Jan. 12.
Condenser. R. E. Marbury. 1,569,384; Jan. 12.
Condenser casing. R. E. Marbury. 1,569,385; Jan. 12.
Condenser, Variable. E. W. Spencer. 1,569,211; Jan. 12.
Confection cone. H. N. Pederson. 1,569,568; Jan. 12.
Containers, Clamp for cylindrical. J. Green. 1,569,275; Jan. 12.
Control apparatus. H. H. Johnston. 1,569,374; Jan. 12.
Control system. A. D. Ferguson. 1,569,362; Jan. 12.
Control system. H. D. James. 1,569,373; Jan. 12.
Control system. S. A. Staege. 1,569,409; Jan. 12.
Controller. W. C. Carr. 1,569,713; Jan. 12.
Conveyer. C. W. Shanaberger. 1,569,209; Jan. 12.
Conveyer-belt tripper. P. Little, jr. 1,569,511; Jan. 12.
Cooker for food in containers. A. L. Anderson. 1,569,601; Jan. 12.
Cookers, Relief means for pressure. J. R. Jewell. 1,569,187; Jan. 12.
Cooler: *See*—
Cream cooler.
Cooling apparatus. H. D. Lathrop and W. H. Paulson. 1,569,191; Jan. 12.
Copper, Hardening. L. Nemitof. 1,569,130; Jan. 12.
Copper-nickel matte, Refining of. R. L. Peck and T. F. Torell. 1,569,137; Jan. 12.
Core drill. H. B. Halvorsen. 1,569,653; Jan. 12.
Corn pickers, Attachment for. H. Magness. 1,569,824; Jan. 12.
Corrosive-preventing liquid composition. C. A. Sense. 1,569,040; Jan. 12.
Cot, All-steel camp. W. W., W. R., M., W. H., and D. Q. Douglas. 1,569,728; Jan. 12.
Cotton duster. O. P. Hobbs. 1,569,017; Jan. 12.
Cotton samples, Rolling device for. H. Dimond. 1,569,724; Jan. 12.
Cotton thinner. J. Feagins. 1,569,802; Jan. 12.
Coupler. E. C. Post. 1,569,028; Jan. 12.
Cove reflector and holder therefor. P. M. Hotchkin. 1,569,493; Jan. 12.
Crane, Traveling bridge. F. W. Eagelston. 1,569,269; Jan. 12.
Crank-axle counterbalance. E. O. Elliott. 1,569,732; Jan. 12.
Crate-lid remover. J. R. and D. C. Wood. 1,569,059; Jan. 12.
Crate shaker. N. M. Lower, A. R. Chalker, and L. E. Osborne. 1,569,195; Jan. 12.
Cream cooler. L. Tomhave. 1,569,793; Jan. 12.
Crib, Child's. C. A. Stuart. Des. 69,239; Jan. 12.
Crib cover. F. S. Rece. 1,569,335; Jan. 12.
Culinary utensil. W. J. Sanborn. 1,569,788; Jan. 12.
Cup or similar article. G. Haviland. Des. 69,219; Jan. 12.
Current-converting means. F. J. Fischer. 1,569,541; Jan. 12.
Current commutator motor, Rectified-. R. E. Hellmund. 1,569,368; Jan. 12.
Current-controlling means. L. C. F. Horle. 1,569,372; Jan. 12.
Curtain rod. T. F. Byron. 1,569,456; Jan. 12.
Curtain rod. F. L. Hawkins. 1,569,748; Jan. 12.
Curtain support. C. E. Horton. 1,569,324; Jan. 12.
Cutter: *See*—
Hop-package cutter. Shingle cutter.
Milling cutter.
Cutter. F. Johnson and D. Hnatuk. 1,569,809; Jan. 12.

Cutting machines of the rotary type for paper or pasteboard and like machines, Receiving device for. H. Bobst. 1,569,256; Jan. 12.
Damper mechanism. A. Blumlein. 1,569,113; Jan. 12.
Deactivator. P. West. 1,569,105; Jan. 12.
Derrick. E. L. Tirrell. 1,569,686; Jan. 12.
Derrick, Well-drilling. S. P. Powers. 1,569,298; Jan. 12.
Desk attachment. G. S. Hardin. 1,569,486; Jan. 12.
Detachable handle. M. Herring. 1,569,184; Jan. 12.
Die: *See*—
Pipe-threading die.
Dies, Thread-cutting. L. B. Curtis. 1,569,316; Jan. 12.
Digging machine. W. P. Kean. 1,569,091; Jan. 12.
Direction finder. A. J. Marcelin. 1,569,291; Jan. 12.
Dirigible device. J. H. Hammond, jr. 1,568,973–4; Jan. 12.
Dish or similar article, Covered. G. Haviland. Des. 69,218; Jan. 12.
Disk bit. W. S. Holdaway. 1,569,280; Jan. 12.
Dispensing device. B. E. Snyder. 1,569,637; Jan. 12.
Display container for separable devices. J. B. Sanborn. 1,569,679; Jan. 12.
Display fixture. S. Goldberg. 1,569,365; Jan. 12.
Display jar stand. L. H. Shover. 1,569,584–5; Jan. 12.
Display rack. S. Goldberg. 1,569,366; Jan. 12.
Display rack and stand, Caddy-bag. L. Breer. 1,569,313; Jan. 12.
Display stand, Base for. S. A. Kimmelstiel. Des. 69,221; Jan. 12.
Distillation apparatus, Combined spreading and scraping mechanism for. W. M. Grant. 1,569,478; Jan. 12.
Dog mat. A. G. Burt. 1,569,710; Jan. 12.
Doll eyes, Device for applying eyelashes to. L. J. Grubman. 1,569,480; Jan. 12.
Door fixture. H. Langer. 1,569,505; Jan. 12.
Doors, windows, and the like, Device for fastening. W. S. C. Glover. 1,569,120; Jan. 12.
Doughnut cooker, Automatic. E. E. Lindsey. 1,569,383; Jan. 12.
Draft rigging. B. W. Kadel. 1,569,812; Jan. 12.
Drafting board. F. D. Johnson. 1,569,090; Jan. 12.
Drawer pull and window lift. G. B. Kurtzon. 1,569,094; Jan. 12.
Drier: *See*—
Photographic-film drier.
Drill: *See*—
Core drill.
Drilling bit, Adjustable. J. Calahan. 1,569,262; Jan. 12.
Drink mixer. A. Stufflebeam. 1,569,049; Jan. 12.
Drinking fountain, Poultry. E. L. Forshee. 1,569,738; Jan. 12.
Drive-well point. H. R. Mark. 1,569,098; Jan. 12.
Drive wheels, Converter attachment for. R. R. Miller. 1,569,099; Jan. 12.
Drum hoist, Double-. F. M. Slater. 1,569,635; Jan. 12.
Drapery, Traverse rod for. D. M. Sarkisian. 1,569,680; Jan. 12.
Drying apparatus. C. Rees and C. F. Hinc. 1,569,302; Jan. 12.
Dust-bag support. M. C. Richardson. 1,569,304; Jan. 12.
Dye, Manufacturing a perylene vat. A. Zinke and H. Schoepfer. 1,569,111; Jan. 12.
Dyeing raw stock, Apparatus for. J. H. Thompson. 1,569,647; Jan. 12.
Dynamometer. H. O. Hem. 1,569,543; Jan. 12.
Electric-arc furnace. J. L. Dixon. 1,569,463; Jan. 12.
Electric controller. F. H. Bullinger. 1,569,611; Jan. 12.
Electric-fixture support. C. M. Hickman. 1,569,278; Jan. 12.
Electric light. C. W. Dake. 1,569,216; Jan. 12.
Electric machine. C. W. Dake. 1,569,218; Jan. 12.
Electric relay. B. E. Getchell. 1,569,364; Jan. 12.
Electric switch. C. F. Schwennker. 1,569,683; Jan. 12.
Electric welding mechanism. J. W. Holt. 1,569,127; Jan. 12.
Electrical measuring apparatus. F. H. Best. 1,568,996; Jan. 12.
Electrical measuring apparatus. A. B. Clark and G. Crisson. 1,569,001; Jan. 12.
Electrically-heated appliances, Preventing overheating of. A. T. Smith. 1,569,147; Jan. 12.
Electrically-heated device. J. F. Smart. 1,569,241; Jan. 12.
Electron-discharge device. T. R. Grimth. 1,569,630; Jan. 12.
Electron-discharge device. P. Schwerin. 1,569,684; Jan. 12.
Elevator doors, Interlock system for. F. F. Brush. 1,569,454; Jan. 12.
Elevators, Illuminated directional signal for. F. A. Boedtcher. 1,568,954; Jan. 12.
End gate. G. A. Garrett. 1,569,274; Jan. 12.
End gate. G. Koenig. 1,569,128; Jan. 12.
Engine: *See*—
Explosion engine. Rotary engine.
Internal-combustion engine.
Engines, Auxiliary-air-supply means for explosive. A. and C. E. Gleason. 1,569,476; Jan. 12.
Engines, Fuel-injection nozzle for oil. O. A. Banner. 1,569,448; Jan. 12.
Engines, Fuel mixer for internal-combustion. E. H. Middaugh. 1,569,510; Jan. 12.
Engines, Method and apparatus for equalizing explosive charges in the different cylinders of multicylinder. A. P. Brush. 1,569,610; Jan. 12.
Engines, Water-cooling system for internal-combustion. H. B. Stoddard. 1,569,243; Jan. 12.
Explosive engine, Rotary. M. G. Rosenthal. 1,569,306; Jan. 12.
Explosives, Receptacle for. J. L. Law. 1,569,506; Jan. 12.
Fabric: *See*—
Knitted fabric.
Fabric articles, Shaping and drying. A. W. Johnson. 1,569,283; Jan. 12.
Fabrics into stentering and other machines, Guiding. G. Durrant. 1,569,077; Jan. 12.
Faucet. G. Thaler. 1,569,645; Jan. 12.
Fender: *See*—
Automobile fender.
Fire-cleaning machine. J. B. Murray. 1,569,434; Jan. 12.
File holder. L. D. Greenland. 1,569,276; Jan. 12.
Filing cabinet. F. W. Tobey. 1,569,158; Jan. 12.
Filling machine. J. Purvis, jr. 1,569,300; Jan. 12.
Filter. D. M. Goetschius and L. F. Vogt. 1,569,627–8; Jan. 12.
Firearms, Safety attachment for. F. E. Lewis and T. J. Williams. 1,569,553; Jan. 12.
Fireback or similar article. G. E. Pickup. Des. 69,231; Jan. 12.
Fire-control apparatus. O. Krupp. 1,569,190; Jan. 12.
Fishway. N. D. Chase. 1,569,419; Jan. 12.
Flexible joint. H. P. Macdonald. 1,569,839; Jan. 12.
Flexible joint. A. S. Macdonald. 1,569,840; Jan. 12.
Filer. H. G. Carlson. 1,569,534; Jan. 12.
Flooring jack. M. L. Wilson and R. L. Rockwell. 1,569,346; Jan. 12.
Fluid, Method of and apparatus for ascertaining the proportion of a constituent in a. E. X. Schmidt and U. O. Hutton. 1,569,682; Jan. 12.
Fluid-pressure brake. W. E. Dean. 1,569,075; Jan. 12.
Flower stand. S. A. Adams and J. Leicester. 1,569,696; Jan. 12.
Fluid-pressure brake device. J. Hume. 1,569,087; Jan. 12.
Fluid-pressure indicator. C. M. Foster. 1,569,178; Jan. 12.
Fluids and gases, Distributing device for moving. G. J. Manson. 1,569,558; Jan. 12.
Fluids or gases with the emanations evolved from radioactive substances, Container used for charging. B. W. Hurd. 1,569,494; Jan. 12.
Flume. G. Muehleisen. 1,569,777; Jan. 12.
Flushing tank. C. Norbork. 1,568,994; Jan. 12.
Flying machine. L. Weil. 1,569,794; Jan. 12.
Flying machines, Safety device for. R. Pearl and J. Susana. 1,569,391; Jan. 12.
Flytrap. H. H. Schenk. 1,569,681; Jan. 12.
Food products, Machine for preparing. M. A. Froney. 1,569,472; Jan. 12.
Football helmet. T. J. Hartman. 1,569,181; Jan. 12.
Fountain: *See*—
Drinking fountain.
Frame: *See*—
Auto top window frame. Spinning frame.
Axminster tube frame.
Frequency-transforming installations, Method of and arrangement for starting. M. Osnos and L. Kasarnowski. 1,569,132; Jan. 12.
Friction lining. T. M. Russell. 1,569,579; Jan. 12.
Fruit-marking machine. A. B. Hale. 1,569,224; Jan. 12.
Fruit-marking machine. F. J. Sévigné. 1,569,208; Jan. 12.
Frying basket. C. R. Jamison. 1,569,544; Jan. 12.
Fuel-supply tank, Reserve-. E. A. Bond. 1,569,114; Jan. 12.
Furnace: *See*—
Annealing furnace. Melting furnace.
Electric-arc furnace.
Furnace. J. T. Rowley. 1,569,829; Jan. 12.
Furnace arch. J. W. Gates. Re16,249; Jan. 12.
Furnace carburetor. L. E. Harter. 1,569,488; Jan. 12.
Furnace heating unit, Electric-. J. C. Woodson. 1,569,415; Jan. 12.
Furnace resistor mounting. A. D. Keene. 1,569,376; Jan. 12.
Furnace wall and lining construction. N. E. Maccallum. 1,569,197; Jan. 12.
Furnaces, Air heater for. E. Jordan. 1,569,811; Jan. 12.
Furnaces, Burner for gas. E. Opderbeck. 1,569,567; Jan. 12.
Furniture structure. E. C. Krabl. 1,569,550; Jan. 12.
Furniture support. C. Gebhard. 1,569,319; Jan. 12.
Fuse, Mechanical time. O. Junghans. 1,569,545; Jan. 12.
Fuse, Supersensitive. A. Adelman. 1,569,248; Jan. 12.
Gag or retractor, Mouth. B. D. La Force. 1,569,504; Jan. 12.
Galley side lock. J. Farnsworth. 1,569,361; Jan. 12.
Game apparatus, Prize. H. Hirakawa. 1,568,752; Jan. 12.
Game board. G. Utter. 1,569,688; Jan. 12.
Game device. J. W. Culp. Re16,246; Jan. 12.
Game device. P. Donato. 1,569,727; Jan. 12.
Game-tile holder. R. E. Bostrom. 1,569,701; Jan. 12.
Garment rack. C. C. Cross. 1,569,358; Jan. 12.

Gas-cock lock. B. Hagberg. 1,569,180; Jan. 12.
Gas-cock-locking device. E. H. Castle. 1,569,458; Jan. 12.
Gas engines, Oil regulator for. C. Smith. 1,569,404; Jan. 12.
Gases, Apparatus for electrical precipitation of suspended material from. G. H. Horne. 1,569,492; Jan. 12.
Gases, Apparatus for electrical precipitation of suspended material from. F. H. Viets. 1,569,595; Jan. 12.
Gases, Apparatus for electrical precipitation of suspended material from. C. H. Welskopf. 1,569,597; Jan. 12.
Gases, Apparatus for electrical separation of suspended material from. E. Anderson. 1,569,529; Jan. 12.
Gases, Apparatus for producing and recovering reaction. M. J. Brown. 1,569,171; Jan. 12.
Gasoline from natural-gas gasoline, Obtaining commercial. H. J. Mackenzie and A. W. Steenbergh. 1,569,433; Jan. 12.
Gasoline heater. R. H. Johnson. 1,569,810; Jan. 12.
Gassing hood. G. J. Lipscomb. 1,568,983; Jan. 12.
Gate: *See*—
End gate.
Gearing. H. B. Dodge. 1,569,008; Jan. 12.
Generator: *See*—
Acetylene generator. Oscillation generator.
Acetylene-gas generator.
Glass, Apparatus for making sheet. H. K. Hitchcock. 1,569,086; Jan. 12.
Glass apparatus, Sheet-. J. L. Drake. 1,569,465; Jan. 12.
Glass-body-forming machine. H. N. Halversen. 1,569,652; Jan. 12.
Glass-drawing apparatus, Sheet-. A. E. Fowle. 1,569,471; Jan. 12.
Glass-rolling apparatus, Sheet-. J. L. Drake. 1,569,466; Jan. 12.
Glass-tank construction. T. H. Swartzlander. 1,569,152; Jan. 12.
Glass tanks, Gate for. W. Owen. 1,569,134; Jan. 12.
Golf-club head. J. A. G. Aitken. 1,569,212; Jan. 12.
Golf-club head. E. L. Munson. 1,569,295; Jan. 12.
Golf clubs, Ferrule for. P. A. Valle. 1,569,340; Jan. 12.
Golf practice apparatus and head-movement detector. J. McArdle. 1,569,766; Jan. 12.
Golf practicing and training device. W. J. Goldsworthy. 1,569,084; Jan. 12.
Golf putter. W. Lowell. 1,569,765; Jan. 12.
Governing device. W. H. Costello. 1,569,651; Jan. 12.
Governor. S. E. Kurtz. 1,569,503; Jan. 12.
Grain conditioner. S. M. Piersall. 1,569,201; Jan. 12.
Grain, Machine for grinding. G. E. Miller. 1,569,561; Jan. 12.
Grain shocker, Automatic. A. P. Lofstrand. 1,569,230; Jan. 12.
Grapple. A. McCollum. 1,568,984; Jan. 12.
Grass-twine machine. M. Koeck, jr. 1,569,758; Jan. 12.
Grating or slicing machine. J. Schindler. 1,569,399; Jan. 12.
Grease cups, Force filler for. W. H. Dupré. 1,569,268; Jan. 12.
Grinding machine. R. F. Runge. 1,569,036; Jan. 12.
Grindstone. J. H. King. 1,569,757; Jan. 12.
Gun or rifle plunger, Air. M. R. Randall. 1,569,030; Jan. 12.
Hair-cutting guide. W. T. Bradley. 1,569,452; Jan. 12.
Hairbrush, Fountain. S. Burlock. 1,569,259; Jan. 12.
Hand, Artificial. E. Laherty. 1,569,286; Jan. 12.
Handle: *See*—
Chisel handle. Tool handle.
Detachable handle.
Handling material. D. S. Mullin. 1,569,100; Jan. 12.
Handsaw, Power. L. M. Reed. 1,569,301; Jan. 12.
Hanger: *See*—
Clothes hanger. Shoe hanger.
Radiator hanger. Track hanger.
Harness device. I. Andrews. 1,569,348; Jan. 12.
Harvester attachment, Potato-. A. Schmechel and G. Schubert. 1,569,038; Jan. 12.
Harvester thrasher, Combination. W. F. MacGregor. 1,569,432; Jan. 12.
Hat blocking, flanging, and finishing apparatus. J. L. Morahan. 1,569,842; Jan. 12.
Haystacker. L. S. Minerd. 1,569,199; Jan. 12.
Headgear. W. Bernstein. 1,569,112; Jan. 12.
Headlight. E. V. Hughes. 1,569,282; Jan. 12.
Headlight casing. C. W. Dake. 1,569,215; Jan. 12.
Headlight, Dirigible. J. M. Creason. 1,569,720; Jan. 12.
Headlight for vehicles, Dirigible. J. M. Calkins. 1,569,261; Jan. 12.
Headlights, Lens for. C. W. Dake. 1,569,217; Jan. 12.
Heater: *See*—
Car heater. Immersion heater.
Gasoline heater.
Heating apparatus. E. R. Downe. 1,569,220; Jan. 12.
Heating devices, Automatic cut-off for. H. A. Kirkland. 1,569,815; Jan. 12.
Heating system. L. M. Ellis. 1,568,967; Jan. 12.
High-frequency-generating system. W. E. E. Habann. 1,569,481; Jan. 12.
Hinge. J. Cranzler. 1,569,619; Jan. 12.
Hinge, Friction. J. J. Janca. 1,569,089; Jan. 12.
Hog holder. E. C. Johnson. 1,569,496; Jan. 12.
Hoisting and conveying apparatus, Cable. F. T. Dunham. 1,569,176; Jan. 12.
Hoisting mechanism. B. S. Snow. 1,569,437; Jan. 12.
Hop-package cutter. J. W. Kauffmann. 1,569,547; Jan. 12.
Hose holder, Automatic. R. J. Mitchell. 1,569,774; Jan. 12.
Hot-water bottle. O. Krichbaum. Des. 69,227; Jan. 12.
Housings and the like, Manufacture of. T. E. Murray, jr. 1,569,332; Jan. 12.
Humidifier. H. E. Eggers. 1,569,177; Jan. 12.
Hydraulic jack. C. S. Stocker. 1,569,589; Jan. 12.
Hydrocarbons, Heat treatment of. H. R. Berry. 1,569,532; Jan. 12.
Hypodermic needle. E. C. Crowther. 1,569,174; Jan. 12.
Ice-cream cans, Lifter for. G. B. Hill. 1,569,126; Jan. 12.
Igniter, Flash. O. J. Leins. 1,569,288; Jan. 12.
Igniter-testing device. E. H. Sippel and H. A. Hancox. 1,569,586; Jan. 12.
Ignition coil. A. A. Kent. 1,569,756; Jan. 12.
Ignition distributor mounting and pump for oiling the bearings thereof. A. L. Sandin. 1,569,205; Jan. 12.
Immersion heater. A. A. Warner. 1,569,102; Jan. 12.
Index, Book. R. E. Parker. 1,569,390; Jan. 12.
Index device. J. H. Rand. 1,569,574; Jan. 12.
Indicating device. A. Block. 1,569,255; Jan. 12.
Indicator: *See*—
Fluid-pressure indicator. Speed indicator.
Lamp indicator.
Inductance. E. F. Andrews. 1,569,604; Jan. 12.
Inductive coupler. H. P. Donle. 1,569,801; Jan. 12.
Ink pad for rubber stamps, etc. E. F. Rolle. 1,569,337; Jan. 12.
Inking pad. S. N. Falder. 1,569,470; Jan. 12.
Insect exterminator. J. A. McDaniel. 1,569,196; Jan. 12.
Insect trap. M. Braun and G. Gelencser. 1,569,170; Jan. 12.
Instrument transformer. W. K. Dickinson. 1,569,723; Jan. 12.
Insulated vessel for cooking, holding, and serving food. G. R. Fassett. 1,569,734; Jan. 12.
Insulating material and making molded bodies thereof, Heat-. W. T. Irvin. 1,569,755; Jan. 12.
Insulating tubes consisting of paper and resin, Winding apparatus for the manufacture of. W. Kehse. 1,569,656; Jan. 12.
Integrating meter. E. H. Freeman. 1,568,970; Jan. 12.
Internal-combustion engine. H. A. Douglas. 1,568,964; Jan. 12.
Internal-combustion engine. C. W. Scott. 1,569,582; Jan. 12.
Internal-combustion engine. A. V. D. Willgoos. 1,569,245; Jan. 12.
Ironing board. S. F. Kohn. 1,568,980; Jan. 12.
Jack: *See*—
Flooring jack. Pump jack.
Hydraulic jack.
Jars and the like, Lifter for fruit. J. L. Sommer. 1,569,405; Jan. 12.
Javelin. W. F. Roach. 1,569,395; Jan. 12.
Jewelry cases, Making. J. R. Sundee. 1,569,642; Jan. 12.
Joint: *See*—
Axle joint. Rail joint.
Flexible joint. Roofing joint.
Jug. T. C. Heisey. Des. 69,220; Jan. 12.
Kitchen utensil. E. S. Clark. 1,569,264; Jan. 12.
Knife case. F. W. Lee. 1,569,508; Jan. 12.
Knitted fabric. H. G. G. Querns. 1,569,140; Jan. 12.
Knitting machines, Stitch-regulating means for. R. W. Scott and A. E. Page. 1,569,632; Jan. 12.
Knitting machines, Take-up mechanism for. E. P. Leonard. 1,569,552; Jan. 12.
Lamp base. J. Di Silvestro. Des. 69,209–10; Jan. 12.
Lamp indicator, Electric-. R. B. Cressman. 1,569,460; Jan. 12.
Lamp shade. M. N. Leonard. Des. 69,228 Jan. 12.
Lamps, Machine and method for sealing incandescent. J. J. Higgins. 1,569,185; Jan. 12.
Lamps, Spindle for. J. Di Silvestro. Des. 69,206–8; Jan. 12.
Lamps, Spindle for. J. Di Silvestro. Des. 69,211; Jan. 12.
Lanterns, Holding clip for. E. M. Larkin. 1,569,379; Jan. 12.
Last. G. Clausing. 1,568,961–2; Jan. 12.
Latch, Door. J. E. McMullen. 1,569,331; Jan. 12.
Latch, Window. G. I. Barclay. 1,569,697; Jan. 12.
Lathing, Metallic. C. H. Scammell. 1,569,144; Jan. 12.
Latitude and longitude indicator, Continuous automatic. R. C. Colley. 1,569,173; Jan. 12.
Laundry case. H. E. Plimpton. 1,569,784; Jan. 12.
Lawn-dressing implement. M. T. Coelho. 1,569,421; Jan. 12.
Leather and making the same, Colored patent. W. C. Welch. 1,569,056; Jan. 12.
Leather, Apparatus and process for the production of colored designs on. W. Moog. 1,569,562; Jan. 12.
Ledger rack. O. L. Hermann. 1,569,750; Jan. 12.
Lens blank and lens made therefrom, Trifocal. L. W. Bugbee, jr. 1,569,258; Jan. 12.
Lens grinding and polishing machine. E. M. Long. 1,569,194; Jan. 12.
Letter belt. J. E. McMullen. 1,569,330; Jan. 12.
Leveler. G. F. Endsley. 1,569,270; Jan. 12.

License-plate housing. J. D. Douras. 1,568,965; Jan. 12.
Lifter: *See*—
Track lifter. Valve lifter.
Light: *See*—
Electric light. Trouble light.
Lighting fixture. I. Kranz. Des. 69,224; Jan. 12.
Lighting fixture. I. Kranz. Des. 69,226; Jan. 12.
Lighting fixture, Bracket element for an electric-. I. Kranz. Des. 69,223; Jan. 12.
Lighting fixture, Electric-. I. Kranz. Des. 69,225; Jan. 12.
Lighting fixture or the like. F. Roettgea. Des. 69,234; Jan. 12.
Lighting fixture or the like. G. E. Villaret. Des. 69,244–5; Jan. 12.
Lighting fixtures, Shelf for. F. S. Crowell. Des. 69,203–4; Jan. 12.
Lining jig. M. A. Feider. 1,569,119; Jan. 12.
Liquid control, Automatic. E. E. Joslin. 1,569,375; Jan. 12.
Liquid-measuring apparatus. G. W. MacKenzie. 1,569,290; Jan. 12.
Liquid storage and supply system. G. W. MacKenzie. 1,569,769; Jan. 12.
Listers, Attachment for. J. W. Wesley. 1,569,598; Jan. 12.
Lock: *See*—
Automobile lock. Gas-cock lock.
Bolt lock. Switch lock.
Galley side lock.
Lock. N. B. Hurd. 1,569,227–8; Jan. 12.
Locomotive-exhaust-nozzle covering. A. G. Machesney. 1,569,515; Jan. 12.
Locomotive-stoker manganese-steel universal joint. A. M. Hunt. 1,569,655; Jan. 12.
Looms, Warp stop mechanism for. M. L. Stone. 1,569,828; Jan. 12.
Lubricating apparatus. F. S. Carr. 1,569,263; Jan. 12.
Luggage, Combination. H. Rippetoe. 1,569,142; Jan. 12.
Machine-gun support. W. C. L. Haubroe. 1,569,014; Jan. 12.
Machine stand and drawer, Combination. J. R. Showers. 1,569,043; Jan. 12.
Manicuring implement. A. E. Frey. 1,569,083; Jan. 12.
Map and case, Road. S. P. McGhee. 1,569,822; Jan. 12.
Marine propulsion. J. A. Johnson. 1,569,497; Jan. 12.
Massaging device. C. R. Krauthoff. 1,569,426; Jan. 12.
Mat: *See*—
Dog mat.
Matrix-composing and line-casting machine. O. Paersch. 1,569,389; Jan. 12.
Mattress, Spring. H. M. Young. 1,569,246; Jan. 12.
Medical preparation. J. R. Prochnow. 1,569,202; Jan. 12.
Melting furnace. W. H. Chenowith and G. C. Schimpf. 1,569,314; Jan. 12.
Merchandising wheel. F. Beidelatein. Des. 69,197; Jan. 12.
Metal, Apparatus for the pulverization and projection of molten. W. Müller. 1,569,564; Jan. 12.
Metal-cutting machine. H. Pels. 1,569,569; Jan. 12.
Metal-cutting machine. J. Temple. 1,569,154; Jan. 12.
Metal sash construction. C. B. Young and C. J. Caspar. 1,569,109; Jan. 12.
Metals and recovering the metals and acid radicles, Apparatus for electrolyzing fused salts of. E. A. Ashcroft. 1,569,606; Jan. 12.
Metals by fusion welding, Joining. H. R. Pennington. 1,569,025; Jan. 12.
Metals, Electrothermic refining of. J. L. Dixon. 1,569,464; Jan. 12.
Metals in a ball mill or the like, Disintegrating. E. J. Hall. 1,569,484; Jan. 12.
Meter: *See*—
Integrating meter.
Methanol, Synthetic manufacture of. A. Mittasch and M. Pier. 1,569,775; Jan. 12.
Milling cutter, Channel. E. A. Noll. 1,569,524; Jan. 12.
Milling machine. H. W. Melling. 1,569,518; Jan. 12.
Minerals, Concentration or separation of. A. A. Lockwood. 1,569,512; Jan. 12.
Miner's lamp holder. F. Lewis. 1,569,762; Jan. 12.
Mirror and towel holder, Combined. G. F. and W. H. Colbert. 1,569,459; Jan. 12.
Mitering plane, Plasterer's. J. McNamara, jr. 1,569,768; Jan. 12.
Mixer: *See*—
Drink mixer.
Mold: *See*—
Casting mold.
Molded articles, Pressing. R. F. Crudginton and J. T. Kilbride. 1,569,002; Jan. 12.
Molding machines, Cutter head for. G. B. Magoon. 1,568,985; Jan. 12.
Molding material. H. Buchholz. 1,568,955; Jan. 12.
Monoplane. E. S. Woodford. 1,569,414; Jan. 12.
Mop holder. E. H. Tate. 1,569,643; Jan. 12.
Motor: *See*—
Current commutator motor.
Motor and propeller, Combined explosive. M. Beck. 1,569,607; Jan. 12.
Musical signature indicator for tuition purposes. C. Logan. 1,569,828; Jan. 12.
Name plate for brief cases and similar articles. A. Levine. 1,569,657; Jan. 12.
Navigators, Geometrical location finder for. S. E. Leonard, jr. 1,569,380; Jan. 12.
Needle. W. Brody. 1,569,453; Jan. 12.
Nesting or assembling machine, Wire-spring. B. L. Van Orman and R. V. Hellman. 1,569,160; Jan. 12.
Nipple, Nursing. L. C. Young. 1,569,693; Jan. 12.
Nonskid device. J. W. Urie. 1,569,687; Jan. 12.
Nut, Lock. L. Ravief. 1,569,237; Jan. 12.
Oil burner. J. A. Hebert. 1,569,805; Jan. 12.
Oil burner. P. B. Streich. 1,569,640; Jan. 12.
Oil-burner feed, Control for an. A. W. Hutchison. 1,569,020; Jan. 12.
Oil rectifier. W. G. Wall. 1,569,795; Jan. 12.
Oiler, Leaf-spring. H. H. Shelters and H. A. Bashaw. 1,569,583; Jan. 12.
Oils, etc., Apparatus for deemulsification of. C. V. Zoul. 1,569,695; Jan. 12.
Operating table. W. L. Bell. 1,569,350; Jan. 12.
Orifice fitting. A. Robinson. 1,569,305; Jan. 12.
Oscillation generator. V. O. Knudsen. 1,568,979; Jan. 12.
Oven, Baker's. W. Dredge. 1,569,009; Jan. 12.
Oven regulator. F. A. Gauger. 1,569,474; Jan. 12.
Overalls, Combined slide and button loop for. W. M. Hueseman. 1,569,019; Jan. 12.
Oxidic raw materials, Treatment of. T. R. Haglund. 1,569,483; Jan. 12.
Packing. F. A. Headson. 1,569,182; Jan. 12.
Packing for plungers, Expansible. E. E. Miller. 1,569,560; Jan. 12.
Packing washer, Valve-stem. F. A. Hoberecht. 1,569,322; Jan. 12.
Pad: *See*—
Inking pad.
Pails, Soap holder for. A. Miller. 1,569,773; Jan. 12.
Paintbrush guard. U. Foppiano. 1,569,736; Jan. 12.
Painting machines, Traffic-lines street. H. B. Wentz and J. B. Pridgen. 1,569,104; Jan. 12.
Paintings, drawings, or prints of all kinds with colored elements of any description, Method and apparatus for the accurate reproduction of. I. Piccioni. 1,569,027; Jan. 12.
Panel board, Waterproof. J. F. White. 1,569,107; Jan. 12.
Pattern-designing scroll and square, Garment-. H. Doherty and J. Le Blanc. 1,569,726; Jan. 12.
Paving block. A. A. Glidden. 1,569,741; Jan. 12.
Peat-drying machine. C. A. Willmarth. 1,569,345; Jan. 12.
Pen, Fountain. E. G. Pearson. 1,569,783; Jan. 12.
Pen, Fountain drawing. A. M. Van Doorn. 1,569,594; Jan. 12.
Pencil. H. L. Fischer and F. J. Kristofek. Re16,253; Jan. 12.
Pencil attachment. J. B. Goerling. 1,569,742; Jan. 12.
Phonograph cabinet. J. Peterson. 1,569,570; Jan. 12.
Phonograph-record ejector. S. V. Sears. 1,569,207; Jan. 12.
Phonographs, Record-manipulating mechanism for. C. H. Ziler. 1,569,062; Jan. 12.
Photographic-film drier. F. B. Thompson. 1,569,156; Jan. 12.
Photomechanical printing plates, Making. J. A. H. Hatt. 1,569,124; Jan. 12.
Photometer, Absorption and diffusion. A. Varnes, R. Bricq, M. L. A. Jobin, and G. G. J. Yvon. 1,569,342; Jan. 12.
Picker: *See*—
Berry picker.
Pickle jar. V. E. Guilhem. Des. 69,215–16; Jan. 12.
Picture films and other gelatinous surfaces, Waterproofing motion-. V. A. Stewart. 1,569,151; Jan. 12.
Picture-projecting machine, Motion-. J. D. Law. 1,569,287; Jan. 12.
Pictures, Making moving. E. Schüfftan. 1,569,789; Jan. 12.
Pile fabrics, Combined finishing machine for. M. Poetzsch. 1,569,785; Jan. 12.
Piles, Method of and apparatus for driving. F. J. Litter. 1,569,763; Jan. 12.
Pipe, Apparatus for laying. W. D. Lockwood. 1,569,764; Jan. 12.
Pipe cleaner. Z. Edwards. 1,569,360; Jan. 12.
Pipe fitting. R. J. Newson. 1,568,993; Jan. 12.
Pipe plug and removing the same. T. G. Massey. 1,569,660; Jan. 12.
Pipe-supporting attachment. W. R. Hoffmann. 1,569,279; Jan. 12.
Pipe-threading die. W. E. Glaspey and F. W. Cox. 1,569,740; Jan. 12.
Pipe wrench. D. M. Stainbrook. 1,569,148; Jan. 12.
Piston. W. C. Bauer. 1,569,258; Jan. 12.
Plastic materials, Molding. W. J. Gaven and M. Fried. 1,569,625; Jan. 12.
Plate-glass machines, Apron for. J. H. Fox. 1,569,082; Jan. 12.
Plate or similar article. E. Goodwin. Des. 69,214; Jan. 12.
Platen return. W. Kastler. 1,569,284; Jan. 12.
Pliers. C. W. Scott. 1,569,581; Jan. 12.
Plow. J. Ewasen. 1,569,271; Jan. 12.
Plow attachment. G. W. Lee. 1,569,817; Jan. 12.

Plow tractor. B. P. Collier. 1,569,266; Jan. 12.
Plug, Attachment. R. B. Benjamin. 1,568,995; Jan. 12.
Plug, Attachment. C. L. Hopkins and C. E. Warner. 1,569,018; Jan. 12.
Plug, Attachment. L. D. Yager. 1,569,528; Jan. 12.
Poisoned-food corral. P. Erickson. 1,569,624; Jan. 12.
Polish-rod clamp. O. C. Linthwaite. 1,569,327; Jan. 12.
Positive drive. G. D. Smith and W. F. Earhart. 1,569,044; Jan. 12.
Posture-adjusting table. D. D. Evins. 1,568,968; Jan. 12.
Potentiometer. D. H. Sheriff, jr. 1,569,042; Jan. 12.
Power shovel. J. D. Rauch. 1,569,031; Jan. 12.
Power transmission. G. Constantinesco. 1,569,719; Jan. 12.
Power-transmission means for combination air withdrawing and delivery apparatus, Variable. J. Mike. 1,569,198; Jan. 12.
Press: *See*—
Printing press.
Press and similar machine. L. H. Hoffer. 1,569,323; Jan. 12.
Pressing and finishing machine. T. H. De Lacy. 1,569,621; Jan. 12.
Pressing block. L. M. Page and L. Meylach. 1,569,135; Jan. 12.
Pressing machine. A. R. Braun. 1,569,418; Jan. 12.
Pressure device, Mechanical. A. W. Helmholtz and D. Ferrell. 1,569,226; Jan. 12.
Printing, Method of and apparatus for use in. H. P. Odell. 1,569,296; Jan. 12.
Printing press, Web-. H. F. Bechman. 1,569,065; Jan. 12.
Proctotherapy, Medical apparatus for use in. O. B. Schellberg. Re16,251; Jan. 12.
Propeller. A. Garcia. 1,569,473; Jan. 12.
Propeller-shaft assembly. H. P. Macdonald. 1,569,838; Jan. 12.
Pump. C. C. Carter. 1,569,714; Jan. 12.
Pump. C. R. Edwards. 1,569,731; Jan. 12.
Pump. A. L. Lewis. 1,569,193; Jan. 12.
Pump jack. F. Gardner. 1,569,318; Jan. 12.
Pump liners and valve seats, Puller for. W. H. Clark. 1,569,614; Jan. 12.
Pumps, Piston for. L. J. Smith. 1,569,308; Jan. 12.
Punching machines, Automatic stop for. E. W. Way. 1,569,649; Jan. 12.
Push button, Multiple. K. Knudsen. Des. 69,222; Jan. 12.
Rack: *See*—
Display rack. Ledger rack.
Garment rack.
Radial routers, Guiding. J. H. Hiscock. 1,569,490; Jan. 12.
Radiator caps, Combined ornament and temperature indicator for. P. Rossi. Des. 69,236; Jan. 12.
Radiator hanger. H. A. Swartz, jr. 1,569,050; Jan. 12.
Radio adjustment dial. G. Desjardins. 1,569,539; Jan. 12.
Radiocompass reading device for ships. E. R. Hard. 1,569,745; Jan. 12.
Radio direction finder. A. Leib. 1,569,325; Jan. 12.
Radio receiving set. L. T. and A. S. Carl. 1,569,354; Jan. 12.
Radio reception apparatus. T. E. Arundel. 1,569,446; Jan. 12.
Radio transmission system. E. W. Kellogg. 1,569,835; Jan. 12.
Rail anchor. J. E. Busby. 1,569,116; Jan. 12.
Rail bond. J. F. Brown. 1,569,069; Jan. 12.
Rail joint. S. F. Stanton. 1,569,047; Jan. 12.
Rail switch frog, Swinging-. W. H. Rife. 1,569,141. Jan. 12.
Railway crossing, Sheet-metal. D. Thomas. 1,569,410; Jan. 12.
Railway spike. K. P. Brandt. 1,569,115; Jan. 12.
Railway switch. O. E. Zipperer. 1,569,694; Jan. 12.
Railway tie. F. D. Leman. 1,569,192; Jan. 12.
Railway-track curve. J. W. McManama. 1,569,557; Jan. 12.
Railway-traffic-controlling apparatus. F. H. Nicholson 1,569,388; Jan. 12.
Razor-blade sharpener. S. S. Baer. 1,569,213; Jan. 12.
Receptacle. J. E. Bulwinkle. 1,569,796; Jan. 12.
Receptacle for flour and the like. A. I. S. Halvorsen. 1,569,122; Jan. 12.
Receptacles, Closure for. F. C. Clement. 1,569,072; Jan. 12.
Record tray or container. J. H. Rand, jr., and L. C. Broecker. 1,569,575; Jan. 12.
Reel. G. F. Immel. 1,569,495; Jan. 12.
Reel. O. M. Wolff. 1,569,798; Jan. 12.
Reflector. P. M. Larsen. 1,569,816; Jan. 12.
Refrigerating device. C. A. Peterson. 1,569,026; Jan. 12.
Refrigerating system. W. H. Carrier. 1,569,214; Jan. 12.
Refrigerating system and process. W. Green. 1,569,744; Jan. 12.
Refrigerator. G. J. Grundler. 1,569,179; Jan. 12.
Refrigerators, Condenser for use with. E. Kägi. 1,569,499; Jan. 12.
Regulator: *See*—
Oven regulator.
Relay. B. E. Getchell. 1,569,803; Jan. 12.
Relay. P. K. Van der Sterr. 1,459,593; Jan. 12.
Relay construction. B. E. Getchell. 1,569,804; Jan. 12.
Resilient wheel. J. A. Stahle. 1,569,046; Jan. 12.
Resilient wheel. E. J. White. 1,569,106; Jan. 12.
Rim, Demountable. R. Graham. 1,569,477; Jan. 12.
Ring: *See*—
Twister ring.
Riveting apparatus. W. G. Leasar. 1,569,759; Jan. 12.
Road construction. T. W. Brown and W. W. Wolary. 1,569,702; Jan. 12.
Rock-drilling mechanism. E. G. Gartin. 1,569,542; Jan. 12.
Rock drills, Rotative device for. G. M. Nell. 1,569,436; Jan. 12.
Rod: *See*—
Curtain rod.
Rodding machine. W. G. Warner. 1,569,054; Jan. 12.
Roller: *See*—
Spinning roller.
Rolls, Mechanism for feeding material from. J. S. Coldwell. 1,569,650; Jan. 12.
Roofing joint. J. F. Stuckert. 1,569,641; Jan. 12.
Rotary compressor. E. Hill. 1,569,370; Jan. 12.
Rotary engine. S. Lippert. 1,569,429; Jan. 12.
Rotary engine. I. L. Owens. 1,569,525; Jan. 12.
Rotary engine. J. W. Shepard. 1,569,791; Jan. 12.
Rubber articles and vulcanizing the same, Manufacturing. T. W. Miller. 1,569,662; Jan. 12.
Ruber roll. J. J. Rathers. 1,569,393; Jan. 12.
Rug-handling machine. E. J. Myers. 1,569,522; Jan. 12.
Safety device. P. H. Daub. 1,569,004; Jan. 12.
Sand-removing device. G. A. Robertson. 1,569,787; Jan. 12.
Sash balance. A. E. Anakin. 1,569,347; Jan. 12.
Sausage sandwich and roll therefor. N. L. Hall. 1,569,121; Jan. 12.
Saw blades, Lubricator for. M. Grogan. 1,569,631; Jan. 12.
Saw, Hack. W. Spartivento. 1,569,407–8; Jan. 12.
Saw-setting machine. F. Koch and R. Pohlmann. 1,569,023; Jan. 12.
Saws, Automatic check for trimmer. H. C. Hilke and T. H. Boyd. 1,569,186; Jan. 12.
Scale, Weighing. H. S. Bergen. 1,569,609; Jan. 12.
Scales, Coin-controlled mechanism for weighing. H. A. Myers. 1,569,565; Jan. 12.
Scarecrow. A. R. Larsen. 1,569,129; Jan. 12.
Scoring device. J. W. Smith. 1,569,242; Jan. 12.
Scraping device. W. P. Rice, H. A. Mertz, and C. E. Moore. 1,569,203; Jan. 12.
Screen: *See*—
Automobile window screen.
Screw threads, Machine for cutting. L. B. Curtis. 1,569,315; Jan. 12.
Sea car. F. Raffaelli. 1,569,392; Jan. 12.
Seal, Compression-sleeve. J. B. Keating. 1,569,092; Jan. 12.
Sectional construction, Device for. R. L. Kurtz. 1,569,427; Jan. 12.
Speedometer drive. F. W. West. 1,569,344; Jan. 12.
Self-railing wheel. G. Matz. 1,569,517; Jan. 12.
Separator: *See*—
Automatic separator.
Sewing machine. J. M. Merrow. 1,568,986; Jan. 12.
Sewing-machine bobbin cases, Bobbin-controlled adjunct for. R. N. Corthell. 1,569,618; Jan. 12.
Sewing machine, Buttonhole-. E. J. Ray. 1,569,394; Jan. 12.
Sewing-machine shuttle. R. N. Corthell. 1,569,617; Jan. 12.
Sewing machines, Safety device for buttonhole-. F. R. Coose. 1,569,833; Jan. 12.
Shade-roller and curtain-pole bracket. O. Burns and P. Gischlar. 1,569,708; Jan. 12.
Shade-roller support, Adjustable. J. D. Good. 1,569,629; Jan. 12.
Sheet binder. G. P. Wigginton. 1,569,058; Jan. 12.
Sheet glass, Apparatus for cracking off and handling continuously-formed. A. E. Evans. 1,569,079; Jan. 12.
Sheet material, Machine for operating on pieces of. B. F. Mayo. 1,569,232; Jan. 12.
Sheet-metal bending and forming machine. C. G. Cronwall. 1,569,461; Jan. 12.
Shingle cutter. H. Reichel. 1,569,032; Jan. 12.
Shingle stacker. H. Reichel. 1,569,033; Jan. 12.
Ships' davits, Construction of. J. R. Clay and J. S. V. Harrison. 1,569,715; Jan. 12.
Shock absorber. W. N. Border. 1,569,169; Jan. 12.
Shock absorber. W. P. Cole. 1,569,535; Jan. 12.
Shock absorber. F. H. Jones. 1,569,229; Jan. 12.
Shock absorber. N. R. Krause. 1,569,425; Jan. 12.
Shock absorber. E. D. Misner. 1,569,663; Jan. 18.
Shock absorber for hand cranks. E. C. Peabody and W. Rouse. 1,569,672; Jan. 12.
Shock absorber, Pneumatic. A. W. Ricks. 1,569,035; Jan. 12.
Shoe. R. L. Raymond. 1,569,576; Jan. 12.
Shoe hanger. G. W. Bruce. 1,568,998; Jan. 12.
Shoe-shining machine. R. Anderson, sr. 1,569,167; Jan. 12.
Shoe structure. F. Maccarone. 1,569,823; Jan. 12.

Shoes, Attachment for. K. B. Sunderland. 1,569,440; Jan. 12.
Shoemaking. B. F. Mayo. 1,569,231; Jan. 12.
Shovel: *See*—
Power shovel.
Shuttle. A. F. Collins and C. McGinley. 1,569,074; Jan. 12.
Shuttle threader. L. A. Cadoret. 1,569,712; Jan. 12.
Shuttle winder. E. J. Merz. 1,569,387; Jan. 12.
Silicate to corrugated strawpaper, Applying. C. E. Colgrove. 1,569,073; Jan. 12.
Sign, Illuminated. G. A. Griffin. 1,569,423; Jan. 12.
Sign, Light. E. A. Fagerlund. 1,569,080; Jan. 12.
Signal: *See*—
Automobile signal.
Signal and tail lamp, Combination. F. A. Culver. Des. 69,205; Jan. 12.
Signal device, Street. E. J. Larabee. 1,569,428; Jan. 12.
Signaling system. A. M. Curtis. 1,568,003; Jan. 12.
Signaling system, Electric. R. D. Conway. 1,569,616; Jan. 12.
Skate, Snow. J. C. Miller and R. H. Fayfield. 1,569,520; Jan. 12.
Smoker's stand. W. G. Anderson. 1,569,603; Jan. 12.
Smoker's stand or similar article, Base for a. L. H. Burlin. Des. 69,200–1; Jan. 12.
Smoker's stand or similar article, Tray top for a. L. H. Burlin. Des. 69,202; Jan. 12.
Snow, Producing artificial. J. A. Rice. 1,569,396; Jan. 12.
Snowplow. J. Barry. 1,569,531; Jan. 12.
Soldering apparatus. J. H. Hankey. 1,569,746; Jan. 12.
Soldering tool, Electric. E. L. Watson. 1,569,796; Jan. 12.
Sole molding and trimming device. G. Vannort. 1,569,689; Jan. 12.
Sound amplifier. L. Stevens. Des. 69,238; Jan. 12.
Speed indicator, Vehicle. C. Gore. 1,569,223; Jan. 12.
Sphygmomanometer. L. B. MacKenzie. 1,569,007; Jan. 12.
Spinner and twister, Textile. F. C. Werber. 1,569,831; Jan. 12.
Spinning frame, Artificial-filament. T. Harris. 1,569,487; Jan. 12.
Spinning roller, Rubber-covered. A. B. Merrill. 1,569,826; Jan. 12.
Spoon or similar article. H. F. Goetz. Des. 69,212; Jan. 12.
Spring suspension. C. H. Palmer. 1,569,670; Jan. 12.
Stack poling and guy-painting device. T. W. Milton. 1,569,521; Jan. 12.
Stake. A. D. Varell. 1,569,341; Jan. 12.
Stand: *See*—
Display jar stand. Smoker's stand.
Flower stand. Tire stand.
Stay-bolt construction for boilers. E. I. Dodds. 1,569,007; Jan. 12.
Stay bolt for boilers. F. K. Landgraf. 1,568,981. Jan. 12.
Steam boiler. J. M. Sprinkel. 1,569,588; Jan. 12.
Steam-generating and solution-heating purposes, Apparatus for. O. A. Brunler. 1,569,703; Jan. 12.
Steel, Annealing sheet. G. H. Cole. 1,569,355; Jan. 12.
Steel-cleaning machine. A. Carter. 1,568,959; Jan. 12.
Steel lumber. W. C. Jones. Re16,248; Jan. 12.
Steering wheel, Tiltable. J. A. Murphey. 1,569,666; Jan. 12.
Stereotype apparatus. C. E. Hopkins. 1,569,491; Jan. 12.
Stereotype-plate-casting machine, Tubular-. H. F. Bechman. 1,569,698; Jan. 12.
Sterilizing and water-heating device. E. Kronman. 1,569,836; Jan. 12.
Stopcock. J. A. Barnes. 1,569,252; Jan. 12.
Storage-battery container. C. W. Hazelett and A. R. Goldrick. 1,569,125; Jan. 12.
Storage-battery jar. E. S. Boyer. Des. 69,198; Jan. 12.
Stove, Collapsible. L. M. Sims. 1,569,401; Jan. 12.
Strap holder. J. M. Walsh. 1,569,442; Jan. 12.
Straps from bales, Removing metallic. I. W. Robertson. 1,569,397; Jan. 12.
Stuffing box for automatic regulators and the like. A. Roesch. 1,569,336; Jan. 12.
Stylus-sharpening device. J. Q. Slye. 1,569,402; Jan. 12.
Surface covering and decorating the same. C. F. Humphreys. Re16,250; Jan. 12.
Surgical device for use with the feet. H. Edwards. 1,569,467; Jan. 12.
Swing chair and bed. A. A. Anthony. 1,569,249; Jan. 12.
Switch: *See*—
Automatic switch. Railway switch.
Bar-lock switch. Time switch.
Electric switch.
Switch. A. H. Bates. 1,569,416; Jan. 12.
Switch box, Safety. D. T. Wadsworth. 1,569,051; Jan. 12.
Switch lock, Electric. L. C. Hutchinson. 1,569,753; Jan. 12.
Switch stand for operating switches and signals. H. C. Odenkirk. 1,569,333; Jan. 12.
Syringe. H. M. Carstens. 1,569,457; Jan. 12.
Table: *See*—
Operating table. Posture-adjusting table.
Table and vanity table, Combination library. I. T. Headley. 1,569,489; Jan. 12.
Table, bed, and back rest, Combined. C. D. McDonald. 1,569,556; Jan. 12.
Table, luggage carrier, and child's bed, Combination camp. C. H. Allbright. 1,569,600; Jan. 12.
Tag for clothing. H. Lissner. 1,569,554; Jan. 12.
Talking-machine needle. M. Blackman. 1,569,351; Jan. 12.
Talking-machine records, Fiber-needle sharpener for. J. Q. Slye. 1,569,403; Jan. 12.
Talking machines, Sound box of. J. Durham. 1,569,317; Jan. 12.
Tank: *See*—
Flushing tank. Fuel-supply tank.
Tanks, Maintaining a reserve in fuel. M. S. Elton and G. E. Barnhardt. 1,569,078; Jan. 12.
Tanning substances, Manufacture of. O. Röhm. 1,569,578; Jan. 12.
Tap. C. E. Williams. 1,569,108; Jan. 12.
Target. J. E. Popoff. 1,569,786; Jan. 12.
Target, Picture and object. R. P. Orr. 1,569,781; Jan. 12.
Tea container. L. L. Raynor. Des. 69,233; Jan. 12.
Tee marker. G. R. Pacobus. 1,569,424; Jan. 12.
Telegraph circuit. A. Weaver. 1,569,055; Jan. 12.
Telephone apparatus. H. R. Clarke. 1,569,615; Jan. 12.
Telephone-exchange system. E. C. Helwig. 1,569,654; Jan. 12.
Telephone-exchange system, Machine-switching. W. A. Rhodes. 1,569,034; Jan. 12.
Telephone receivers, Terminal for. D. H. Moss. 1,569,776; Jan. 12.
Telephone system. G. Deakin. 1,569,006; Jan. 12.
Telephone system. W. T. Powell. 1,569,677; Jan. 12.
Telephone system, Automatic. C. E. Lomax. 1,569,430; Jan. 12.
Telephone system, Automatic. W. T. Powell. 1,569,676; Jan. 12.
Telephone system, Automatic. W. T. Powell. 1,569,678; Jan. 12.
Telephone system, Pay-station. B. G. Dunham. 1,569,623; Jan. 12.
Telephonic reception apparatus. L. S. Scher. 1,569,398; Jan. 12.
Thermometer. H. J. Winn. Des. 69,246; Jan. 12.
Thermostatic control device. C. F. H. Bohnhardt. 1,569,312; Jan. 12.
Thermostats, Mount for. A. J. and C. A. Otto. 1,569,782; Jan. 12.
Ticket-printing machine. W. H. Heyne, jr. 1,569,085; Jan. 12.
Tie: *See*—
Railway tie.
Tile-forming dies, Scoring device for. C. E. Mullins. 1,569,665; Jan. 12.
Tile-making machine. G. F. Boes. 1,569,257; Jan. 12.
Time switch. D. L. Parkhurst. 1,569,200; Jan. 12.
Tire lever. J. F. Trevorrow. 1,569,310; Jan. 12.
Tire, Pneumatic or air-cushion. J. R. O'Brien. 1,569,844; Jan. 12.
Tire, Resilient. A. Hargraves. Des. 69,217; Jan. 12.
Tire stand. W. G. Fording. 1,569,737; Jan. 12.
Tire valves, Locked dust cap for. J. M. Galbraith and L. N. Jensen. 1,569,273; Jan. 12.
Tires, Tread for. H. S. Mooradian. Des. 69,229; Jan. 12.
Toe weight. C. Freund. 1,569,739; Jan. 12.
Tool box. A. Lowy. 1,569,659; Jan. 12.
Tool handle, Wooden. C. Bilgery and A. Reutlinger. 1,569,533; Jan. 12.
Tool holder. F. Pardee, jr. 1,569,136; Jan. 12.
Tooth-cleansing and gum-massaging device. M. Wolf. 1,569,165; Jan. 12.
Toothpick dispenser, Sanitary. C. L. Young. 1,569,061; Jan. 12.
Tourniquet. J. Nord. 1,569,131; Jan. 12.
Towrope. A. L. Regan. 1,569,303; Jan. 12.
Toy, Aerial-navigation. E. Keppner. 1,569,549; Jan. 12.
Toy building, Knockdown. J. W. Beiger. 1,569,066; Jan. 12.
Toy, Child's riding. F. J. Schubert. 1,569,400; Jan. 12.
Toy electric railway. H. E. Morton. 1,569,233; Jan. 12.
Toy, Figure wheeled. J. E. Lee. 1,569,761; Jan. 12.
Toy figures, Eye for plush. H. Müller. 1,569,563; Jan. 12.
Toy golf game. H. E. Plack. 1,569,334; Jan. 12.
Toy, Mechanical. L. S. Gunderman. 1,569,225; Jan. 12.
Toy pistols, Feed and trigger mechanism for. C. L. Bunten. 1,568,999; Jan. 12.
Toy, Radio. E. M. Leedy. 1,569,509; Jan. 12.
Toy, Rolling. C. Bulger. 1,569,172; Jan. 12.
Track hanger. W. F. Wright. 1,569,060; Jan. 12.
Track lifter. M. J. McMenamin, C. Nixon, and R. D. Greenland. 1,569,767; Jan. 12.
Track sander. J. H. Watters. 1,569,880; Jan. 12.
Tractors, Implement attachment for. C. E. Gilbert. 1,569,011; Jan. 12.
Tractors, Plowing attachment for. O. Buescher and R. G. Goebel. 1,569,705; Jan. 12.
Tractors, Pulley for. H. Ford. 1,569,081; Jan. 12.
Tractors, Scarifier for. R. W. Keeler. 1,569,813; Jan. 12.
Train-control device. T. H. Thomas. 1,569,155; Jan. 12.
Translating apparatus. R. E. Coram. 1,568,963; Jan. 12.

Transmission mechanism. J. F. Maugham. 1,569,516; Jan. 12.
Transmitter, Dynamic. P. Thomas. 1,569,411; Jan. 12.
Trap: *See*—
Animal trap. Insect trap.
Trolley contactor. R. R. Scoggan. 1,569,039; Jan. 12.
Trouble light. W. C. Shay. 1,569,041; Jan. 12.
Trousers creaser. A. T. Smith. 1,569,792; Jan. 12.
Trousers, Device for the production of creases in. W. Yoxall. 1,569,110; Jan. 12.
Truck, Dumping. G. M. Bunnell. 1,569,707; Jan. 12.
Truck, Trailer. A. D. Jousset and H. D. Malone. 1,569,498; Jan. 12.
Trucks, Side frame construction for car. H. E. Doerr. 1,569,175; Jan. 12.
Trunk. M. F. Griffin. 1,569,320; Jan. 12.
Tunneling machine. F. C. Lidke. 1,569,510; Jan. 12.
Twister ring. W. A. Kosken. 1,569,377; Jan. 12.
Twisting machines, Knock-off motion for. S. Danilloff and C. F. Dupee. 1,569,538; Jan. 12.
Tying-in machine. H. P. Eanes. 1,569,730; Jan. 12.
Type chase. F. Kohule. 1,569,189; Jan. 12.
Typewriter. W. Kahle. 1,569,546; Jan. 12.
Typewriting machine. W. A. Dobson. 1,569,076; Jan. 12
Typewriting machine. W. F. Helmond. 1,569,016; Jan. 12.
Typewriting machine. A. G. F. Kurowski. 1,569,378; Jan. 12.
Typewriting machine. J. A. B. Smith. 1,569,587; Jan. 12.
Typewriting machine. J. A. B. Smith. 1,569,636; Jan. 12.
Typewriting machine. J. Waldheim. 1,569,052; Jan. 12.
Typewriting machine. J. Waldheim. 1,569,244; Jan. 12.
Typographical composing and distributing machine. D. S. Kennedy. 1,568,977; Jan. 12.
Umbrellas, Automatic means for manipulating and controlling the catches of. A. D. Ayres. 1,569,447; Jan. 12.
Under clearer roll. N. E. Lucas. 1,569,555; Jan. 12.
Undergarment, Combination. L. H. Plauché. 1,569,675; Jan. 12.
Upholstery piping bat and making the same. M. J. Stack. 1,569,685; Jan. 12.
Vacuum-tube socket. G. H. Stevenson. 1,569,639; Jan. 12.
Valve. G. T. Bollinger. 1,569,417; Jan. 12.
Valve. J. B. Burwell. 1,569,455; Jan. 12.
Valve. A. B. Myers. 1,569,843; Jan. 12.
Valve. R. J. S. Pigott. 1,569,674; Jan. 12.
Valve, Automatically retaining. J. E. Long. 1,569,229; Jan. 12.
Valve, Dry-pipe. Ia M. Lewis. 1,569,326; Jan. 12.
Valve lifter, Compressor. F. W. Parsons. 1,569,671; Jan. 12.
Valve mechanism for channeling machines. H. H.Mercer. 1,569,661; Jan. 12.
Valve-operating tool. T. F. Steele. 1,569,638; Jan. 12.
Valve-operating tool. L. M. Taylor. 1,569,644; Jan. 12.
Valve, Regulating. E. Jones and W. R. McKreil. 1,568,976; Jan. 12.
Valve, Shut-off. D. F. Katona. 1,569,285; Jan. 12.
Valves, Retarding device for alarm check. E. E. Clark. 1,568,960; Jan. 12.
Vanity case. C. Nachemov. 1,569,779; Jan. 12.
Vaults, Mold for concrete burial. H. A. and W. McClain. 1,569,513; Jan. 12.
Vehicle, Child's. J. A. Moore. 1,568,990; Jan. 12.
Vehicle door. H. H. Doehler and M. Stern. 1,569,725; Jan. 12.
Vehicle, Motor. J. E. Jenkins. 1,569,808; Jan. 12.
Vehicle side curtain. H. J. McDonnell. 1,569,821; Jan. 12.
Vehicle signal faceplate. L. D. Pierce. Des. 69,232; Jan. 12.
Vehicles, Apparatus for the engagement and disengagement of multiple-disk clutches of motor. J. A. Gygar. 1,569,321; Jan. 12.
Vehicles, Apparatus for retaining parcels or the like on. J. F. O. Bergström and B. J. Brunzéll. 1,569,699; Jan. 12.
Vehicles, Automatic braking device for. A. Kurtis. 1,569,502; Jan. 12.
Vehicles, Convertible seat for. H. C. and C. P. Lipscomb. 1,569,820; Jan. 12.
Vehicles, Differential carrier for motor. E. C. Mogford. 1,569,664; Jan. 12.
Vehicles, Glareshield for motor. J. P. Colgan. 1,569,717; Jan. 12.
Vehicles, Signaling device for motor road. G. Dadswell. 1,569,537; Jan. 12.
Vehicles, Steering mechanism for motor. G. H. Hannum. Re16,247; Jan. 12.
Velocipede. S. L. Rogers. 1,569,204; Jan. 12.
Ventilating apparatus. E. J. Murphy. 1,569,845; Jan. 12.
Vessels, Apparatus for fitting caps to. A. Piccaluga. 1,569,573; Jan. 12.
Vulcanizer. O. J. Kuhlke. 1,569,551; Jan. 12.
Wall bracket. W. S. Snow. Des. 69,237; Jan. 12.
Wardrobe, Portable and collapsible. E. C. Sonntag. 1,569,406; Jan. 12.
Warp in long chain or rope form, Treating. H. M. Chase and G. W. Robertson. 1,568,959; Jan. 12.
Washboard. C. W. Kennon. 1,569,814; Jan. 12.
Washer: *See*—
Packing washer.
Washing machine. E. H. Burrage. 1,569,709; Jan. 12.
Wave-energy direction, Determination of. M. Mason. 1,569,292; Jan. 12.
Web-treating machine. C. E. Archbald. 1,569,064; Jan. 12.
Well casings, Tool for straightening. O. Duda. 1,569,729; Jan. 12.
Well casings, Weight for sinking. W. H. Cater. 1,569,000; Jan. 12.
Well-drilling apparatus. C. H. Herman and F. G. Schroer. 1,569,183; Jan. 12.
Wells, Device for introducing cement in. C. E. Miller. 1,569,293; Jan. 12.
Wells, Fishing tool for. B. L. Ligon. 1,569,818; Jan. 12.
Wheel: *See*—
Resilient wheel. Steering wheel.
Self-railing wheel.
Wheels, Making metal. E. E. Einfeldt. 1,568,966; Jan. 12.
Winch, Stoplog. J. J. Keon. 1,569,500; Jan. 12.
Windlass, Automatic lifting. P. Gauthier. 1,569,626; Jan. 12.
Window. A. E. Anderson. 1,569,602; Jan. 12.
Window, Detachable. O. A. Walstad. 1,569,691; Jan. 12.
Window friction adjuster, Casement-. E. J. Sibley. 1,569,634; Jan. 12.
Window structure. E. M. Rundgren. 1,569,239; Jan. 12.
Windows, Weather strip for. A. Weingaertner. 1,569,413; Jan. 12.
Windshield wiper. L. W. Waters. 1,569,412; Jan. 12.
Wire-rope connection. E. Jorgensen. 1,569,020; Jan. 12.
Wire-testing extensometer. P. H. Brace. 1,569,352; Jan. 12.
Wires, Protector for distributor. J. P. Vaughn. 1,569,101; Jan. 12.
Wireless receiving system. Q. A. Brackett. 1,569,353; Jan. 12.
Wood, Manufacture of artificial. A. Förster. 1,569,272; Jan. 12.
Woodworking machine. H. E. Cowdrey. 1,569,357; Jan. 12.
Woodworking machine. R. G. Park, jr. 1,569,526; Jan. 12.
Wool and like thread materials, Holder for. A. P. Robinson. 1,569,577; Jan. 12.
Wrench: *See*—
Pipe wrench.
Wrench. E. R. Carpenter. 1,569,117; Jan. 12.
Wrench. O. C. Pietsch. 1,569,673; Jan. 12.
Wringer-controlling device. H. J. Criner. 1,569,267; Jan. 12.
Wringing machines, Sectional roll for. H. S. Crysler. 1,569,536; Jan. 12.
Yoke, Cattle. T. H. Phillips. 1,569,297; Jan. 12.

CLASSIFICATION OF PATENTS

ISSUED JANUARY 12, 1926.

NOTE.—First number—class, second number—subclass, third number—patent number.

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2— 3: 1,569,181
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27: 1,569,688
157— 6: 1,569,310
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7: 1,569,098
19: 1,569,293
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284— 17: 1,569,263
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77: 1,569,329
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7: 1,569,517
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ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

American Beauty Co., Long Beach, Calif. Facial and skin toilet preparations. 208,240; Jan. 19; Serial No. 217,914; published Oct. 13, 1925.

American Stores Company, Philadelphia, Pa. Breakfast drink used as a substitute for coffee. 208,090; Jan. 19; Serial No. 220,826; published Nov. 3, 1925.

American Stores Company, Philadelphia, Pa. Brooms. 208,201; Jan. 19; Serial No. 220,822; published Nov. 3, 1925.

Amsterdam Broom Company, Amsterdam, N. Y. Brooms. 208,189–90; Jan. 19; Serial Nos. 220,008–9; published Nov. 3, 1925.

Amsterdam Broom Company, Amsterdam, N. Y. Brooms. 208,191–3; Jan. 19; Serial Nos. 220,011–13; published Nov. 3, 1925.

Arakelian, Harry, & Son, Turlock, Calif. Dry raisins. 208,033; Jan. 19; Serial No. 219,105; published Nov. 3, 1925.

Armould's Oil Company, Hamilton, Ill. Motor oils and greases. 208,120; Jan. 19; Serial No. 214,456; published Sept. 29, 1925.

Aron, J., & Company, Inc., New York, N. Y. Coffee. 208,035–6; Jan. 19; Serial Nos. 219,515–16; published Nov. 3, 1925.

Aron, J., & Company, Inc., New York, N. Y. Coffee. 208,044; Jan. 19; Serial No. 219,519; published Nov. 3, 1925.

Avri Drug & Chemical Company, Jersey City, N. J. Talcum powder. 208,129; Jan. 19; Serial No. 218,893; published Oct. 20, 1925.

Avri Drug & Chemical Company, Jersey City, N. J. Russian mineral oil for use in the treatment of constipation. 208,139; Jan. 19; Serial No. 218,892; published Oct. 13, 1925.

Bacorn Company, The, Elmira, N. Y. Preparation for croup, colds, catarrh, etc. 208,055; Jan. 19; Serial No. 197,182; published Oct. 7, 1924.

Bakelite Corporation, New York, N. Y. Buttons and buckles. 208,057; Jan. 19; Serial No. 216,818; published Oct. 20, 1925.

Ballesteros, Macario V., Los Angeles, Calif. Preparation to be used as a blood purifier, antirheumatic, and tonic. 208,243; Jan. 19; Serial No. 217,981; published Oct. 13, 1925.

Bamberger, L., & Company, Newark, N. J. Silks in the piece. 208,039; Jan. 19; Serial No. 219,521; published Nov. 3, 1925.

Bauman, Fred, Reading, Ohio. Healing salve. 208,133; Jan. 19; Serial No. 217,752; published Oct. 20, 1925.

Becker, Louis, doing business as Becker Fils, Paris, France. Perfumes, toilet water, face and talcum powder, etc. 208,155; Jan. 19; Serial No. 218,685; published Oct. 27, 1925.

Benton, Charles C., doing business as Pyrad Chemical Company, Philadelphia, Pa. Motor-fuel compound. 208,125; Jan. 19; Serial No. 219,055; published Oct. 13, 1925.

Binney & Smith Company, New York, N. Y. Black pigments for use in the rubber industry. 208,116; Jan. 19; Serial No. 210,523; published Apr. 28, 1925.

Blakeman, Wood, doing business as The Hoosier Preserving Co., Indianapolis, Ind. Fruit preserves, tomato catchup, salad dressing, peanut butter, etc. 208,070; Jan. 19; Serial No. 216,581; published Oct. 27, 1925.

Bohn Aluminum & Brass Corporation, Detroit, Mich. Castings. 208,204; Jan. 19; Serial No. 220,883; published Nov. 10, 1925.

Borgfeldt, Geo., & Co., New York, N. Y. Toothbrushes, hand brushes, and hairbrushes. 208,216; Jan. 19; Serial No. 219,323; published Nov. 3, 1925.

Bosul Company, Incorporated, Wilmington, Del., and Brooklyn, N. Y. Medicine for the treatment of rheumatism, gout, and blood disorders. 208,138; Jan. 19; Serial No. 218,240; published Oct. 13, 1925.

Bourland, James C., doing business as Imperial Medicine Company, Houston, Tex. Vegetable compound used as a remedy for the treatment of eczema. 208,105; Jan. 19; Serial No. 214,395; published Nov. 3, 1925.

Bramigk, Werner E., doing business as Kraftstudio, Detroit, Mich. Bronze powders and liquids, kraft gesso, linseed oil, etc. 208,088; Jan. 19; Serial No. 197,701; published Oct. 27, 1925.

Bromund, E. A., Co., New York, N. Y. Stearic acid. 208,043; Jan. 19; Serial No. 218,784; published Oct. 6, 1925.

Capitol Candied Nuts, Inc., New York, N. Y. Sugar-coated peanuts and almonds, chocolate-coated dates, and date bars. 208,060; Jan. 19; Serial No. 216,454; published Oct. 13, 1925.

Cento, Anthony, doing business as A. Cento Co., St. Louis, Mo. Combination hair dressing and tonic. 208,080; Jan. 19; Serial No. 206,214; published Mar. 3, 1925.

Chemical Utilities Co. (See Harper, Erwin B.)

Chocolate Products Company, Baltimore, Md. Candybar goods. 208,102; Jan. 19; Serial No. 215,620; published Nov. 3, 1925.

Chresomales & Coronges, New York, N. Y. Maltless pineapple beverage. 208,211; Jan. 19; Serial No. 219,473; published Nov. 10, 1925.

Clicquot Club Company, Millis, Mass. Beverages sold as soft drinks and syrups for making the same. 208,160–1; Jan. 19; Serial Nos. 218,735–6; published Nov. 3, 1925.

Cooke, George W., Co., Inc., Brooklyn, N. Y. Faucets. 208,202; Jan. 19; Serial No. 220,840; published Nov. 10, 1925.

Cornell, Albert, doing business as Koffee-O Cereal Co., Tacoma, Wash. Imitation coffee. 208,171; Jan. 19; Serial No. 163,140; published Dec. 16, 1924.

Costa, Ferdinand, doing business as James Kennedy Laboratories, Chicago, Ill. Remedy for corns, etc. 208,239; Jan. 19; Serial No. 217,863; published Oct. 27, 1925.

Coty, Inc., Wilmington, Del., and New York, N. Y. Rouge. 208,061–2; Jan. 19; Serial Nos. 216,020–1; published Oct. 6, 1925.

Crescent Belt Fastener Company, New York, N. Y. Rivets. 208,198; Jan. 19; Serial No. 220,642; published Nov. 10, 1925.

Crescent Belt Fastener Company, New York, N. Y. Rivets. 208,199–200; Jan. 19; Serial Nos. 220,644–5; published Nov. 10, 1925.

D-A Lubricant Company, Inc., Indianapolis, Ind. Lubricating greases. 208,213; Jan. 19; Serial No. 219,383; published Oct. 27, 1925.

Daudelin, Louis C., doing business as The Heal-U Company, Baltimore, Md. Salve for treatment of hemorroids and cream for treatment of skin eruptions. 208,152; Jan. 19; Serial No. 218,451; published Oct. 27, 1925.

Dawson, E. L., & Company, San Francisco, Calif. Canned fruit, vegetables, and fish and dried fruit. 208,052; Jan. 19; Serial No. 220,503; published Nov. 3, 1925.

Delaney, Peter, doing business as Delaney & Young, Eureka, Calif. Candy. 208,100; Jan. 19; Serial No. 220,504; published Nov. 3, 1925.

De Long Hook and Eye Company, The, Philadelphia, Pa. Wire hairpins. 208,176; Jan. 19; Serial No. 197,065; published Oct. 27, 1925.

Diefenderfer, Thomas F., doing business as Raynol Products Co., Butler, Pa. Ointment used in the treatment of eczema, itching piles, etc. 208,144; Jan. 19; Serial No. 219,113; published Oct. 13, 1925.

Ducote, Wilmore M., New Orleans, La. Corrosion paste. 208,126; Jan. 19; Serial No. 219,170; published Oct. 13, 1925.

Durr Drug Company, Montgomery, Ala. Sodium bicarbonate, powdered boric acid, etc. 208,246; Jan. 19; Serial No. 218,169; published Oct. 27, 1925.

Eisendrath, Joseph N., Company, The, Chicago, Ill. Gloves and mittens. 51,270; renewed Apr. 10, 1926.

Embalmers' Supply Company, The, Westport, Conn. Embalming fluid. 208,142; Jan. 19; Serial No. 218,355; published Oct. 20, 1925.

Engel, Joseph, & Co. Inc., New York, N. Y. Coats and ladies' sweater coats. 208,182; Jan. 19; Serial No. 205,591; published Jan. 27, 1925.

Engel, Joseph, & Co., Inc., New York, N. Y. Dresses. 208,183; Jan. 19; Serial No. 205,592; published Feb. 10, 1925.

Ensemble Manufacturing Co., Inc., Washington, D. C. Skin lotions, antiseptic and soothing powder, and face cream. 208,208; Jan. 19; Serial No. 219,662; published Oct. 27, 1925.

Eureka Products Co., St. Louis, Mo. Nonfreezing radiator fluid. 208,127; Jan. 19; Serial No. 218,901; published Oct. 13, 1925.

Eureka Springs Water Co.; R. R. Thompson, Eureka Springs, Ark., successor. Mineral water. 46,314; renewed Sept. 12, 1925.

Fabbriche Di Cioccolato e Cacao Michele Talmone Società Anonima, Turin, Italy. Chocolate, cocoa, biscuits, caramels, and sweetmeats. 208,016; Jan. 19; Serial No. 217,606; published Oct. 27, 1925.

Ferdinand, L. W., & Co., Boston, Mass. Waterproof joint glue. 208,038; Jan. 19; Serial No. 219,327; published Nov. 3, 1925.

Fibre Products Company. (See Resnick, Myer J.)

Fillis, James A., Brooklyn, N. Y. Remedy for dandruff, falling hair, and as a hair tonic. 208,156; Jan. 19; Serial No. 218,694; published Oct. 27, 1925.

Filmoff Company of America, Inc., New York, N. Y. Chemical preparation used for curling and waving the hair. 208,086; Jan. 19; Serial No. 201,927; published Oct. 21, 1924.

Fluxo Products Company, Le Roy, N. Y. Chemical preparation having disinfecting and deodorizing properties. 208,111; Jan. 19; Serial No. 212,378; published Oct. 13, 1925.

Food Products Co., The, Baltimore, Md. Canned tomatoes and peaches. 208,046; Jan. 19; Serial No. 220,119; published Nov. 3, 1925.

Fow, Edward H., Philadelphia, Pa. Reducing remedy. 208,034; Jan. 19; Serial No. 218,809; published Oct. 6, 1925.

French Perfume Company. (See Kavarnos, Charles.)

Fuoss, A. E., Minneapolis, Minn. Vaginal douche. 208,042; Jan. 19; Serial No. 218,849; published Oct. 6, 1925.

Gagl, John, New York, N. Y. Medicine to prevent perspiration of feet. 208,128; Jan. 19; Serial No. 219,030; published Oct. 13, 1925.

Gatlin & Gatlin, Los Angeles, Calif. Canned fish. 208,095; Jan. 19; Serial No. 220,519; published Nov. 3, 1925.

Gatlin & Gatlin, Los Angeles, Calif. Canned fish. 208,101; Jan. 19; Serial No. 220,518; published Nov. 3, 1925.

Gilpin, Langdon & Company Incorporated, Baltimore, Md. Liquid and powder insecticide. 208,121; Jan. 19; Serial No. 218,913; published Oct. 13, 1925.

Glido Oil & Chemical Company, Inc., Buffalo, N. Y. Lubricating oil. 208,227; Jan. 19; Serial No. 207,300; published Feb. 24, 1925.

Gold, Arthur A., Charleston, W. Va. Liquid contact insecticide. 208,167; Jan. 19; Serial No. 219,070; published Oct. 27, 1925.

Gravier, Alphonse, Neuilly-sur-Seine, France. Perfumes, toilet water, face cream, etc. 208,244; Jan. 19; Serial No. 218,256; published Oct. 27, 1925.

Greenbaum, Harry L., doing business as Technical Color & Chemical Works, Brooklyn, N. Y. Oxalic acid, Bismarck brown aniline, electric-bulb coloring, denatured alcohol, and spray perfume. 208,110; Jan. 19; Serial No. 213,234; published Oct. 27, 1925.

Greenburg, Lee C., Kokomo, Ind. Medicated paraffin stick used as a preservative of the edge of razor blades. 208,151; Jan. 19; Serial No. 218,409; published Oct. 27, 1925.

Grocers Supply Co., The, Salt Lake City, Utah. Malt sirup for food purposes. 208,023; Jan. 19; Serial No. 218,482; published Oct. 27, 1925.

Grubenholz-Imprägnierung G. m. b. H., Charlottenburg, Germany. Wood-preserving, plant and animal destroying preparations or compounds, fluorides, etc. 208,146; Jan. 19; Serial No. 219,180; published Oct. 13, 1925.

Gulf State Medicine Company, Pascagoula, Miss. Antiseptic medicinal preparation for wounds, sores, sprains, etc. 208,065; Jan. 19; Serial No. 215,007; published Oct. 6, 1925.

Hakstad, Bastian N., doing business as B. N. Hakstad & Company, Chicago, Ill. Cod-liver oil. 208,165; Jan. 19; Serial No. 219,032; published Oct. 27, 1925.

Hankele, George, Philadelphia, Pa. Bar candy. 208,805; Jan. 19; Serial No. 220,342; published Nov. 3, 1925.

Hanly Products Co. Inc., Chicago, Ill. Shampoo bags. 208,163; Jan. 19; Serial No. 218,965; published Oct. 13, 1925.

Harper, Ervin B., doing business as Chemical Utilities Co., Dallas, Tex. Deodorants and disinfectants. 208,098; Jan. 19; Serial No. 219,667; published Oct. 20, 1925.

Heal-U Company, The. (See Daudelin, Louis C.)

Heatbath Corporation, The, Springfield, Mass. Salt bath for hardening and tempering materials. 208,168; Jan. 19; Serial No. 219,071; published Oct. 27, 1925.

Hilbert, A. J., & Co. Inc., Milwaukee, Wis. Hair tonic, tar and glycerin soap shampoo, sachet powder, etc. 208,087; Jan. 19; Serial No. 197,934; published Oct. 7, 1924.

Hiscox Chemical Works, Patchogue, N. Y. Hair balsam for restoring color to gray or faded hair. 208,157; Jan. 19; Serial No. 218,701; published Oct. 27, 1925.

Hiscox Chemical Works, Patchogue, N. Y. Remedies for the cure of corns. 208,158; Jan. 19; Serial No. 218,702; published Oct. 27, 1925.

Hiscox Chemical Works, Patchogue, N. Y. Hair balsam for restoring color to gray or faded hair. 208,159; Jan. 19; Serial No. 218,703; published Oct. 27, 1925.

Hoosier Preserving Co., The. (See Blakeman, Wood.)

Hughes, Derias M., doing business as Dr. D. M. Hughes Medicine Company, Bonanza, Ky. Veterinary preparations for the treatment of blisters, burns, colic, etc., and preparations for human beings. 208,081; Jan. 19; Serial No. 211,169; published Oct. 20, 1925.

Hygena Laboratories, The. (See Wiggins, Lee W.)

Idico Corporation, New York, N. Y. Dispensing boxes and cans. 208,187; Jan. 19; Serial No. 219,824; published Nov. 3, 1925.

Illinois Asbestos Products Company, assignor, by mesne assignments, to Universal Gypsum Company, Chicago, Ill. Composition construction and insulating materials and the mixture used in preparing the aforesaid materials. 208,109; Jan. 19; Serial No. 213,305; published Oct. 13, 1925.

Imperial Medicine Company. (See Bourland, James C.)

Innis, Speiden & Co., Inc., New York, N. Y. Chemical preparation suitable for improving the yield, taste, and keeping qualities of bread, etc. 208,058; Jan. 19; Serial No. 216,836; published Oct. 6, 1925.

Iowa Canning Co., Vinton, Iowa. Canned corn. 208,073; Jan. 19; Serial No. 213,576; published Nov. 3, 1925.

Isleton Canning Co., San Francisco and Isleton, Calif. Canned fruits and vegetables. 208,092–3; Jan. 19; Serial Nos. 206,659–60; published Nov. 3, 1925.

Jacoby, Morris, New York, N. Y. Optical frames, lenses, and parts of ophthalmic mountings. 208,103; Jan. 19; Serial No. 215,694; published Nov. 3, 1925.

Jelke, John F. Company, Chicago, Ill. Oleomargarine. 208,184; Jan. 19; Serial No. 207,365; published Oct. 20, 1925.

Jelke, John F. Company, Chicago, Ill. Oleomargarine. 208,185; Jan. 19; Serial No. 207,378; published Oct. 20, 1925.

Kali Manufacturing Co., Philadelphia, Pa. Chemicals and alkalies, such as soda ash, sal soda, etc. 208,225; Jan. 19; Serial No. 219,073; published Oct. 27, 1925.

Kantor, M., doing business as Kantor Bottling Works, Beloit, Wis. Beverages. 208,164; Jan. 19; Serial No. 218,976; published Nov. 3, 1925.

Karavan Coffee Company, The, Toledo, Ohio. Coffee. 208,210; Jan. 19; Serial No. 219,486; published Nov. 10, 1925.

Kase-Quinby Rubber Co., Inc., New York, N. Y. Traveling cases. 208,072; Jan. 19; Serial No. 215,372; published Nov. 10, 1925.

Kase-Quinby Rubber Co. Inc., New York, N. Y. Rubber massage bath brushes. 208,238; Jan. 19; Serial No. 217,675; published Nov. 3, 1925.

Kavarnos, Charles., doing business as French Perfume Company, Pittsburgh, Pa. Perfumes, toilet waters, face and toilet powders, and facial creams. 208,153; Jan. 19; Serial No. 218,463; published Oct. 27, 1925.

Kennedy, James, Laboratories. (See Costa, Ferdinand.)

Kent-Straus Company, Paterson, N. J. Silks and cottons for drapery cloth. 208,075; Jan. 19; Serial No. 201,963; published Nov. 3, 1925.

Kilbourn, William D., Colorado Springs, Colo. Synthetic picture outfits. 208,178; Jan. 19; Serial No. 203,683; published Nov. 3, 1925.

Kinnear, John A., Seattle, Wash. Portable bungalows. 208,108; Jan. 19; Serial No. 213,655; published Oct. 27, 1925.

Kirby-Gifford Company, Dallas, Tex. Tonic and blood medicine. 208,106; Jan. 19; Serial No. 214,367; published Oct. 13, 1925.

Klein, William, doing business as Pilnaro Chemical Co., New York, N. Y. Hair tonic for the treatment of the scalp and dandruff. 208,122; Jan. 19; Serial No. 219,035; published Oct. 13, 1925.

Koffee-O Cereal Co. (See Cornell, Albert.)

Kohler Company, Kohler, Wis. Pottery consisting of lavatories, closet bowls, etc. 208,206; Jan. 19; Serial No. 220,904; published Nov. 10, 1925.

Korbonits, William J., doing business as Radio Medical Laboratories, Asbury Park, N. J. Medicine for the treatment of constipation, headache, torpid liver, etc. 208,174; Jan. 19; Serial No. 193,467; published Oct. 13, 1925.

Koujales, Harry P., doing business as H. P. Koujales Co., New Britain, Conn. Sirup for making drinks. 208,096; Jan. 19; Serial No. 215,794; published Nov. 3, 1925.

Kraft studio. (See Bramigk, Werner E.)

Krueger, Gottfried, Brewing Co., Newark, N. J. Malt beverage. 208,234; Jan. 19; Serial No. 216,918; published Nov. 3, 1925.

Krusin, Katerina, Chicago, Ill. Salve for the treatment of open flesh wounds and cuts. 208,223; Jan. 19; Serial No. 219,125; published Oct. 27, 1925.

Kwickglo Enamel Co., Los Angeles, Calif. Auto enamels. 208,018; Jan. 19; Serial No. 216,736; published Oct. 27, 1925.

Lang Knitting Mills, Inc., New York, N. Y. Knitted underwear and hosiery and dresses for misses, ladies, and juniors. 208,237; Jan. 19; Serial No. 217,568; published Oct. 20, 1925.

Larson, Leonard, doing business as Swine Liquid Company, Alta, Iowa. Hog tonic for diseases of the stomach and bowels. 201,140; Jan. 19; Serial No. 218,561; published Oct. 13, 1925.

Lawrence, Frederic M., Philadelphia, Pa. Fertilizing material. 208,205; Jan. 19; Serial No. 220,963; published Nov. 10, 1925.

Lehn & Fink, Inc., New York, N. Y. Tonic for the treatment of impotency. 208,083; Jan. 19; Serial No. 197,947; published Aug. 26, 1924.

Lehn & Fink, Inc., New York, N. Y. Tea. 208,117; Jan. 19; Serial No. 210,467; published Nov. 3, 1925.

Leigh Chemist, Inc., New York, N. Y. Perfumes, toilet waters, bath salts, etc. 208,026; Jan. 19; Serial No. 218,517; published Oct. 6, 1925.

Lemeland, Pierre, Paris, France. Toilet powder. 208,148; Jan. 19; Serial No. 218,261; published Oct. 27, 1925.

Lewis, A. Rockford, New Orleans, La. Oil for the treatment of rheumatism. 208,222; Jan. 19; Serial No. 219,128; published Oct. 27, 1925.

Liverpool Bornx Co., Ltd., The, Liverpool, England. Soap and cleaning powder. 208,175; Jan. 19; Serial No. 194,723; published Oct. 20, 1925.

Luzo Coffee Company. (See Ribeiro, Raul.)

Lynchburg Canning Company, The, Lynchburg, Ohio. Canned corn. 208,115; Jan. 19; Serial No. 210,800 published Nov. 3, 1925.

Mablo-Werke G. m. b. H., Bad Schwartau, near Lubeck, Germany. Marchpane. 208,113; Jan. 19; Serial No. 211,173; published Nov. 3, 1925.

Magic Radio Co. (Not inc.), Chicago, Ill. Audio and radio frequency transformers, condensers, etc. 208,032; Jan. 19; Serial No. 218,820; published Sept. 22, 1925.

Magid Bros. Silk Co., New York, N. Y. Silk and cotton mixture fabric linings. 208,027; Jan. 19; Serial No. 218,708; published Nov. 3, 1925.

Manning, Maxwell & Moore, Inc. (See United Injector Co., The, assignor.)

Manville Jenckes Company, Pawtucket, R. I. Sheetings and drillings. 208,014–15; Jan. 19; Serial Nos. 217,720–1; published Nov. 3, 1925.

Marshall Field & Company, Chicago, Ill. Dress trimmings in the piece. 208,053; Jan. 19; Serial No. 193,913; published Aug. 26, 1924.

Mary Countess of Limburg Stirum, Geneva, Switzerland. Shoulder straps for lingerie and fasteners therefor. 208,059; Jan. 19; Serial No. 216,738; published Oct. 20, 1925.

Mason, Au & Magenheimer Confectionery Manufacturing Company, Brooklyn, N. Y. Candies. 208,050; Jan. 19; Serial No. 220,314; published Nov. 3, 1925.

May Pro Company, Inc., Brooklyn, N. Y. Mayonnaise and salad dressings. 208,013; Jan. 19; Serial No. 217,723; published Oct. 27, 1923.

McKeown, Charles H., doing business as C. H. McKeown Company, Cleveland, Ohio. Cod-liver compound tablets. 208,228; Jan. 19; Serial No. 216,196; published Oct. 27, 1923.

McMahan & Leib Company, Anderson, Ind. Canned pears, corn, and tomatoes. 208,047; Jan. 19; Serial No. 220,245; published Nov. 3, 1925.

Metz, H. A., Laboratories, Inc., New York, N. Y. Sweet dietetic preparation with medicinal therapeutic properties for diabetic patients. 208,123; Jan. 19; Serial No. 219,039; published Oct. 13, 1925.

Meyers, Fred J., Manufacturing Co., The, Hamilton, Ohio. Grilles. 208,203; Jan. 19; Serial No. 220,857; published Nov. 10, 1925.

Mimi Manufacturing Company, New York, N. Y. Toilet creams. 208,084; Jan. 19; Serial No. 198,719; published Dec. 2, 1924.

Mimosa Aktiengesellschaft, Dresden, Germany. Photographic developers, toning baths, etc. 208,247; Jan. 19; Serial No. 218,076; published Oct. 27, 1925.

Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Shoes. 208,233; Jan. 19; Serial No. 216,842; published Sept. 1, 1925.

Moore Brothers, doing business as Moore Bros., St. Thomas, Ontario, Canada. Antiseptic dressing. 208,089; Jan. 19; Serial No. 166,838; published Sept. 16, 1924.

Moore, Virgil V., Murfreesboro, Tenn. Tire casings and inner tubes, lace boots, and interlinings for tires and fan belts. 208,172; Jan. 19; Serial No. 185,486; published Mar. 3, 1925.

Mosher & Lasher, Wymore, Nebr. Fish bait. 208,207; Jan. 19; Serial No. 219,676; published Nov. 3, 1925.

Mulford, H. K., Company, Philadelphia, Pa. Vaginal suppositories. 208,149; Jan. 19; Serial No. 218,365; published Oct. 27, 1925.

Mulford, H. K., Company, Philadelphia, Pa. Cathartic and laxative compound. 208,150; Jan. 19; Serial No. 218,367; published Oct. 27, 1925.

N. D. Q. Specialty Corporation, Brooklyn, N. Y. Birthday-cake and candle holders, Christmas-tree reflectors. 208,132; Jan. 19; Serial No. 217,476; published Oct. 20, 1925.

Naamlooze Vennootschap Distilleerderij, Likeurstokerij, Limonade- en Extractenfabriek van C. Polak Gzn., Groningen, Netherlands. Sirups and essences for making lemonade. 208,215; Jan. 19; Serial No. 219,296; published Nov. 3, 1925.

Naamlooze Vennootschap Hollandsche Cacao- en Chocoladefabrieken voorheen Bensdorp & Co., Amsterdam, Netherlands. Chocolate. 208,040; Jan. 19; Serial No. 219,297; published Oct. 27, 1925.

Nailcraft Co., The, Brooklyn, N. Y. Liquid nail polish. 208,241; Jan. 19; Serial No. 217,949; published Oct. 27, 1925.

National Oil and Chemical Company, Philadelphia, Pa. Degumming agent. 208,162; Jan. 19; Serial No. 218,771; published Oct. 27, 1925.

New England Brewing Co., doing business as Suffolk Brewing Company, Boston, Mass. Cereal malt beverage. 208,231; Jan. 19; Serial No. 216,689; published Nov. 3, 1925.

New England Brewing Co., doing business as The Roessle Brewery, Boston, Mass. Cereal malt beverage. 208,232; Jan. 19; Serial No. 216,690; published Nov. 3, 1925.

New England Magnesia Company. (See Robinson, Max W.)

New Mix Products, Inc., New York, N. Y. Brushes. 208,188; Jan. 19; Serial No. 219,983; published Nov. 3, 1925.

Northwest Fruit Distributors, Seattle, Wash. Fresh apples. 208,091; Jan. 19; Serial No. 220,567; published Nov. 3, 1925.

Nunnally Company, The, Atlanta, Ga. Chocolates and bonbons. 208,186; Jan. 19; Serial No. 206,588; published May 12, 1925.

Ohio Manufacturing Company, The, Middletown, Conn. Dress shields, collar bands, narrow elastic web, and bias tape. 208,131; Jan. 19; Serial No. 216,984; published Oct. 20, 1925.

Osborne, C. D., Co., Chicago, Ill. Gloves. 208,112; Jan. 19; Serial No. 211,698; published Sept. 8, 1925.

Pan-American Band Instrument & Case Co., The, Elkhart, Ind. Cases for musical instruments. 208,022; Jan. 19; Serial No. 218,322; published Nov. 3, 1925.

Paraffine Companies, Inc., The, San Francisco, Calif. Roofing material. 208,173; Jan. 19; Serial No. 192,787; published Oct. 13, 1925.

Parfumerie Internationale Corday, Paris, France. Perfumes, toilet waters, face lotions, powders, etc. 208,054; Jan. 19; Serial No. 201,508; published Oct. 6, 1925.

Paristyle Garment Company, assignor to Paristyle Apparel, Inc., St. Louis, Mo. Coats, suits, dresses, capes, etc. 208,154; Jan. 19; Serial No. 218,522; published Oct. 20, 1925.

Patch, E. L., Company, The, Stoneham, Mass. Tablets for boils and other skin affections. 208,085; Jan. 19; Serial No. 201,301; published Jan. 20, 1925.

Patent Cereals Company, The, Geneva, N. Y. Cooked and uncooked white corn flakes. 208,082; Jan. 19; Serial No. 212,346; published Oct. 27, 1925.

Patterson-Sargent Company, The, Cleveland, Ohio. Paints, paint and varnish driers, etc. 208,019; Jan. 19; Serial No. 218,018; published Oct. 27, 1925.

Paver, J. M., Co., The, Chicago, Ill. Canned and bottled vegetables, fruits, and berries. 208,197; Jan. 19; Serial No. 220,418; published Nov. 3, 1925.

Pelco Auto Products Inc., New York, N. Y. Filters. 208,037; Jan. 19; Serial No. 219,450; published Oct. 27, 1925.

Pep Stock Medicine Company, Winder, Ga. Dog remedy for the treatment of fits. 208,135; Jan. 19; Serial No. 218,140; published Oct. 6, 1925.

Pessin, Saul, doing business as The Pessin Pretzo Company, Cleveland, Ohio. Candy confections. 208,049; Jan. 19; Serial No. 220,294; published Nov. 3, 1925.

Peterman, Henry, Brooklyn, N. Y. Ready-made paints, oils, stains, and varnishes. 208,076; Jan. 19; Serial No. 203,142; published Oct. 27, 1925.

Phillips & Buttorff Mfg. Co., Nashville, Tenn. Heating stoves. 208,114; Jan. 19; Serial No. 211,051; published Oct. 6, 1925.

Phoenix Laboratories, St. Louis, Mo. Hairdressing. 208,056; Jan. 19; Serial No. 197,831; published Oct. 7, 1924.

Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo. Lubricating oils, particularly petroleum-product oils. 208,226; Jan. 19; Serial No. 205,777; published May 5, 1925.

Pilnaro Chemical Co. (See Klein, William.)

Ponce de Leon Orange Mill Co., Des Moines, Iowa. Beverage. 208,212; Jan. 19; Serial No. 219,407; published Nov. 10, 1925.

Porter, Charles T., doing business as The Pyl-Tox Co., Bay City, Mich. Pile remedy. 208,099; Jan. 19; Serial No. 219,693; published Oct. 20, 1925.

Potter Drug & Chemical Corporation, Boston, Mass.; Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Ointment. 49,573; renewed Feb. 13, 1926.

Potter Drug & Chemical Corporation, Boston, Mass.; Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Medicated and perfumed soap. 49,675; renewed Feb. 13, 1926.

Potter Drug & Chemical Corporation, Boston, Mass.; Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Medicine for internal use. 49,724; renewed Feb. 13, 1926.

Potter Drug & Chemical Corporation, Boston, Mass.; Potter Drug & Chemical Corporation, Boston, Mass., and Portland, Me. Medicine for internal use. 50,753; renewed Mar. 27, 1926.

Potter Drug & Chemical Corporation, Boston, Mass.; Potter Drug & Chemical Corporation, Boston, Mass., and Portland, Me. Ointment. 50,754; renewed Mar. 27, 1926.

Powers, John L., Indianola, Iowa. Men's and boys' suits and overcoats. 208,180; Jan. 19; Serial No. 204,115; published Oct. 20, 1925.

Price Flavoring Extract Company, Chicago, Ill. Condimental sauces and salad dressings. 208,020; Jan. 19; Serial No. 218,080; published Oct. 27, 1925.

Prince Laboratories, Baton Rouge, La. Hairdressing. 208,147; Jan. 19; Serial No. 219,087; published Oct. 13, 1925.

Purity Cosmetic Co., Bemidji, Minn. Dental cream. 208,064; Jan. 19; Serial No. 215,298; published Oct. 6, 1925.

Puyallup & Sumner Fruit Growers Association, The, Puyallup, Wash. Canned raspberries, blackberries, pears, rhubarb, fresh cherries, etc. 208,195; Jan. 19; Serial No. 220,252; published Nov. 3, 1925.

Pyl-Tox Co., The. (See Porter, Charles T.)

Pyrad Chemical Company. (See Benton, Charles C.)

Quaker City Choc. & Conf. Co., Philadelphia, Pa. Candy. 208,094; Jan. 19; Serial No. 220,678; published Nov. 3, 1925.

Radio Medical Laboratories. (See Korbonits, William J.)

Ransom, Vertis A., Manchester, N. H. Preparation to kill flies, lice, and other vermin. 208,097; Jan. 19; Serial No. 219,201; published Oct. 13, 1925.

Raynol Products Co. (See Diefenderfer, Thomas F.)
Read, William F., & Sons Co., Philadelphia, Pa. Woven worsted fabrics. 208,217; Jan. 19; Serial No. 219,304; published Oct. 27, 1925.
Reinhart & Newton Company, The. (See Weinreich-Schneider Company, The, assignor.)
Reiter Co., Elgin, Ill. Feed-water treatment for conditioning boiler water, etc. 208,068; Jan. 19; Serial No. 211,125; published May 5, 1925.
Resnick, Myer J., doing business as Fibre Products Company, Plymouth, Mass. Plaster. 208,118; Jan. 19; Serial No. 214,823; published Oct. 20, 1925.
Ribeiro, Raul, doing business as Luzo Coffee Company, New Bedford, Mass. Coffee, tea, cider, vinegar, and olive oil. 208,236; Jan. 19; Serial No. 216,992; published Nov. 3, 1925.
Rios, Bruno, doing business as San Diego Bottling Works, San Diego, Tex. Beverages sold as soft drinks. 208,166; Jan. 19; Serial No. 219,045; published Nov. 3, 1925.
Robbins, Pearl C., Millgrove, Ind. Liniment. 208,230; Jan. 19; Serial No. 216,642; published Oct. 13, 1925.
Robinson, Max W., doing business as New England Magnesia Company, Boston, Mass. Citrate of magnesia. 208,130; Jan. 19; Serial No. 219,002; published Oct. 13, 1925.
Robitshek, Schneider Co., Minneapolis, Minn. Coats and vests, work and hiking shirts and pants. 208,170; Jan. 19; Serial No. 183,944; published Oct. 21, 1924.
Roessle Brewery, The. (See New England Brewing Co.)
Rose Bud Sulfrum Company. (See Schulz, Ernest F.)
Rosenberg, I. L., doing business as Super-Smart Studios, Chicago, Ill. Monogram plates for automobiles. 208,136; Jan. 19; Serial No. 218,205; published Oct. 6, 1925.
Royal Perfume Company, Inc., New Orleans, La. Chemical preparation for removal of kinks, curls, and unevenness from hair. 208,221; Jan. 19; Serial No. 219,143; published Oct. 27, 1925.
Ruberoid Co., The. (See Standard Paint Company, The, assignor.)
San Antonio Coffee Co., San Antonio, Tex. Coffee. 208,235; Jan. 19; Serial No. 216,942; published Nov. 3, 1925.
San Diego Bottling Works. (See Rios, Bruno.)
Sarnbi, J., Company, Providence, R. I. Preparation for the treatment of the scalp and removal of dandruff. 208,141; Jan. 19; Serial No. 218,501; published Oct. 20, 1925.
Scholl Manufacturing Company, Inc., Chicago, Ill. Plasters for corns, bunions, and calli and warts. 208,177; Jan. 19; Serial No. 201,469; published Aug. 11, 1925.
Schulz, Ernest F., doing business as Rose Bud Sulfrum Company, Fort Wayne, Ind. Preparation for the treatment of piles. 208,242; Jan. 19; Serial No. 217,963; published Oct. 13, 1925.
Sea Gull Specialty Co., The, Baltimore, Md. Baking powder. 49,549; renewed Feb. 6, 1926.
Selss Manufacturing Company, The, Toledo, Ohio. Toy molds. 208,104; Jan. 19; Serial No. 215,185; published Nov. 3, 1925.
Shattuck, Frank G., Company, Boston, Mass., and New York, N. Y. Ice-cream containers. 208,209; Jan. 19; Serial No. 219,498; published Nov. 3, 1925.
Shepard, Joseph C., Wilmington, N. C. Disinfectants and deodorizers. 208,021; Jan. 19; Serial No. 218,212; published Oct. 6, 1925.
Shepard, Joseph C., Wilmington, N. C. Disinfectants and deodorizers. 208,137; Jan. 19; Serial No. 218,213; published Oct. 6, 1925.
Shores-Mueller Company, Cedar Rapids, Iowa. Medicinal tablets for treating diseases of poultry. 208,024; Jan. 19; Serial No. 218,503; published Oct. 6, 1925.
Shrader, William J., Chicago, Ill. Beverage and sirup for making the same. 208,194; Jan. 19; Serial No. 220,147; published Nov. 10, 1925.
Shriro Brothers, Inc., New York, N. Y. Hosiery. 208,214; Jan. 19; Serial No. 219,353; published Oct. 20, 1925.
Silmo Chemical Co. Inc., Vineland, N. J. Cod-liver oil in powder form for admixture to stock and poultry food. 208,220; Jan. 19; Serial No. 219,148; published Oct. 27, 1925.
Silten, Ernest, Berlin, Germany. Solution for intravenous therapy of acute inflammatory processes. 208,077–8; Jan. 19; Serial Nos. 203,443–4; published Oct. 6, 1925.
Smith, Eber L., doing business as Water Sprites Products Co., Barberton, Ohio. Chemical crystal for softening water and cleaning purposes. 208,025; Jan. 19; Serial No. 218,504; published Oct. 6, 1925.
Societe Anonyme Omnium de Specialites & Products Chimiques, Paris, France. Preparation for regulating the biliary and intestinal secretions. 208,029–30; Jan. 19; Serial Nos. 218,779–80; published Oct. 6, 1925.
Solex Drug Company, Belleville, N. J. Oral prophylactic. 208,124; Jan. 19; Serial No. 218,147; published Oct. 20, 1925.
Soodsma, Henry, & Company, Paterson, N. J. Salt 208,041; Jan. 19; Serial No. 218,877; published Oct 6, 1925.
Southwestern Coal Company, Amarillo, Tex., and Fort Smith, Ark. Coal. 208,107; Jan. 19; Serial No. 213,995; published Oct. 27, 1925.
Spencer, A. E., Products Corporation, Buffalo, N. Y. Bluing paddle. 208,224; Jan. 19; Serial No. 219,092; published Oct. 27, 1925.
Spencer Thermostat Company, Cambridge, Mass. Thermostatic controls. 208,219; Jan. 19; Serial No. 219,150; published Nov. 3, 1925.
Standard Paint Company, The, New York, N. Y., assignor to The Ruberoid Co., Boundbrook, N. J., and New York, N. Y. Paints and insulating compounds. 49,696; renewed Feb. 13, 1926.
Stehli Silks Corporation, New York, N. Y. Silk piece goods. 208,079; Jan. 19; Serial No. 205,373; published Nov. 3, 1925.
Straser Candy Company, The, Denver, Colo. Candy suckers. 208,179; Jan. 19; Serial No. 203,845; published Nov. 3, 1925.
Suffolk Brewing Company. (See New England Brewing Co.)
Super-Smart Studios. (See Rosenberg, I. L.)
Swedish Produce Co., The, Chicago, Ill. Beverages. 208,196; Jan. 19; Serial No. 220,260; published Nov. 10, 1925.
Swine Liquid Company. (See Larson, Leonard.)
Technical Color & Chemical Works. (See Greenbaum, Harry L.)
Technical Research Laboratories, Inc., Philadelphia, Pa. Bath salts. 208,145; Jan. 19; Serial No. 219,154; published Oct. 13, 1925.
Termit Ltd. A/S, Oslo, Norway. Insectifuge. 208,119; Jan. 19; Serial No. 214,696; published July 21, 1925.
Tetlow, Henry, Company, Philadelphia, Pa. Face, toilet, and talcum powder and perfume. 208,067; Jan. 19; Serial No. 210,588; published Apr. 21, 1925.
Thompson, R. R. (See Eureka Springs Water Co.)
Thurber, Leona H., Los Angeles, Calif. Face pack, face powder, face tonic, and eye pack. 208,069; Jan. 19; Serial No. 213,206; published Oct. 20, 1925.
Tillman & Bendel, Inc., San Francisco, Calif. Canned string beans. 208,229; Jan. 19; Serial No. 216,570; published Nov. 10, 1925.
Triner, Joseph Company, Chicago, Ill. Liniment, hand lotion, liquid hair shampoo, cough sedative. 208,031; Jan. 19; Serial No. 218,781; published Oct. 6, 1925.
Troutdale Celery Growers Union, Troutdale, Oreg. Celery. 208,048; Jan. 19; Serial No. 220,264; published Nov. 3, 1925.
United Injector Co., The, assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Ejectors. 50,632; renewed Mar. 27, 1926.
Universal Gypsum Company. (See Illinois Asbestos Products Company, assignor.)
Vitex Lacquer Co. (See Walters, Harold B.)
Waddell, Walter H., and Bertha Waddell, doing business as Tartaroff Co., Chicago, Ill. Preparation for removing tartar, film, and discolorations from the teeth. 208,045; Jan. 19; Serial No. 180,993; published Aug. 21, 1923.
Walter, Harold B., doing business as Vitex Lacquer Co., Los Angeles, Calif. Paints, varnishes, paint enamels, etc. 208,012; Jan. 19; Serial No. 217,971; published Oct. 27, 1925.
Waples Platter Gro. Co., Fort Worth, Tex. Coffee. 208,169; Jan. 19; Serial No. 179,501; published Nov. 3, 1925.
Water Sprites Products Co. (See Smith, Eber L.)
Weber, F., Co., Philadelphia, Pa. Drawing instruments. 208,063; Jan. 19; Serial No. 215,954; published Sept. 22, 1925.
Weinreich-Schneider Company, The, assignor, by mesne assignments, to The Reinhart & Newton Company, Cincinnati, Ohio. Soft-center cream chocolates. 47,382; renewed Oct. 31, 1925.
Wetterau, G. H., & Sons Grocer Co., St. Louis, Mo. Malt extract for food purposes. 208,071; Jan. 19; Serial No. 215,723; published Oct. 27, 1925.
Weyer-Elbert Co., Minneapolis, Minn. Coffee, tea, spices, peanut butter, salad dressing, etc. 208,017; Jan. 19; Serial No. 216,754; published Oct. 27, 1925.
Wiggins, Lee W., doing business as The Hygena Laboratories, Atlanta, Ga. Douche powder. 208,245; Jan. 19; Serial No. 217,227; published Oct. 13, 1925.
Win-Tone Sales Company, New York, N. Y. General medicinal tonics. 208,066; Jan. 19; Serial No. 214,345; published Oct. 20, 1925.
Wing, Harry K., Plymouth, Pa. Preparation for the treatment of piles. 208,143; Jan. 19; Serial No. 219,019; published Oct. 13, 1925.
Woolley, Daniel F., New York, N. Y. Bread. 208,074; Jan. 19; Serial No. 212,517; published Oct. 27, 1925.
Wormser, Julie, Paris, France. Perfume, toilet water, face and talcum powder, etc. 208,028; Jan. 19; Serial No. 218,725; published Oct. 6, 1925.
Wortham Riding Device Company, Dallas, Tex. Roller coasters. 208,181; Jan. 19; Serial No. 204,990; published Nov. 3, 1925.
Xenos, John D., San Diego, Calif. Healing salve. 208,218; Jan. 19; Serial No. 219,158; published Nov. 3, 1925.
Yardley & Co., Limited, London, England. Perfumes, face and bath dusting powders. 208,134; Jan. 19; Serial No. 218,032; published Oct. 6, 1925.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

American Licorice Co., Chicago, Ill., and San Francisco, Calif. Licorice Bricks. For Candy. 29,757; Jan. 19.
American Toilet Paper Company, Inc., Utica, N. Y. The Dollar Box, Silver Film White Tissue. For Toilet Tissue Paper. 29,758; Jan. 19.
Anderton, Electra Z., Jersey City, N. J. Electra for Rheumatism. For Medicinal Preparation. 29,759; Jan. 19.
Baden Laboratories, Inc., Paterson, N. J. Baden Crystals. For a Crystal Combination for Use in the Bath as a Tr atment for the Relief and Prevention of Rheumatism. 29,760; Jan. 19.
Baltimore Distilling Co., Baltimore, Md. Cantan. For Whisky. 29,761–2; Jan. 19.
Baltimore Distilling Co. of Baltimore, Md., Baltimore, Md. B. D. C. Black Label. For Whisky for Medicinal Purposes. 29,763; Jan. 19.
Baltimore Distilling Co. of Baltimore, Md., Baltimore, Md. Old Colony Club. For Whisky for Medicinal Purposes. 29,764; Jan. 19.
Blumas Choc-O-Lac Co., Brooklyn, N. Y. Choc-O-Lac. For Chocolate Sirup. 29,765; Jan. 19.
Bruning, Christian A., Paterson, N. J. Bruning's Horse Radish. For Horse-Radish. 29,766; Jan. 19.
Brzoska, Frank L., doing business as Detroit Malt Extract Co., Dayton, Ohio. Camel Brand. For a Malt and Hop Extract. 29,767; Jan. 19.
California Peach & Fig Growers Association, Fresno, Calif. Blue Ribbon Figs, Pressed Pack. For Dried Figs. 29,768; Jan. 19.
Carillon Radio Co., Inc., Essex, N. Y. Chime-Like Tone. For Radioreceivers. 29,769; Jan. 19.
Cluever, E. S., Chicago, Ill. Melo-Cream Malt Extract. For Malt Extract. 29,770; Jan. 19.
Coe, Richard, doing business as Stuss Mfg. Co., Newark, N. J. Stuss The Cream of Creams. For Cream of Creams, a Toilet Preparation. 29,771; Jan. 19.
Colonial Steel Company, Pittsburgh, Pa. O-Hi-O Die Steel. For Steel Plates, Sheets, and Bars. 29,772; Jan. 19.
Date Corporation of America, The, Alhambra, Calif. Sun-Gold. For Fresh Dates. 29,773; Jan. 19.
Dayton Spice Mills Company, The, Dayton, Ohio. Always the Same—Always Good. For Coffee. 29,774; Jan. 19.
Dellarowe, Anthony K., doing business as Dellarowe Drug Company, Hollywood, Calif. Dent-O-Lava. For Mouth Wash. 29,775; Jan. 19.
Denton, Paul D., Cincinnati, Ohio. Denton's Pain-Ez-Er Hot-Drops Kramp-Kilur. For a Medicinal Preparation. 29,776; Jan. 19.
Des Moines Bakery Co., Des Moines, Iowa. Lunch-In-Loaf. For Bread. 29,777; Jan. 19.
Detroit Malt Extract Co. (See Brzoska, Frank L.)
Duffy, F. S., Medicine Co., New Bern, N. C. Kiddo, The Great Kidney and Backache Remedy. For a Medicinal Preparation. 29,778; Jan. 19.
Ferlita, Jose, Chicago, Ill. La Perlita. For Cigars, Cigarettes, Smoking Tobacco, and Chewing Tobacco. 29,779; Jan. 19.
Frisch, Emile, Chicago, Ill. Frisch Process. For Bread. 29,780–1; Jan. 19.
Gilmore Oil Company, Los Angeles, Calif. Tank Brand. For Kerosene. 29,782; Jan. 19.
Gold Medal Products Co., Philadelphia, Pa. No-Cook Barley Malt Syrup. For Barley-Malt Sirup. 29,783; Jan. 19.
Gold Medal Products Co., Philadelphia, Pa. Blue Seal Malt Extract. For Malt Extract. 29,784; Jan. 19.
Gold Medal Products Co., Philadelphia, Pa. Gold Medal Quality Malt Syrup. For Malt Sirup. 29,785; Jan. 19.
Gregg, Brenda, Santa Barbara, Calif. Slumber Toys. For Flannel Toys. 29,786; Jan. 19.
Grigsby, Clement E., Coffeyville, Kans. Grigsby's Grecco. For Salve. 29,787; Jan. 19.
Hart & Cooley Company, The, New Britain, Conn. Handy Craft Modern Genie. For Mechanical-Toy Construction Units. 29,788; Jan. 19.
Hart & Cooley Company, The, New Britain, Conn. 12 Sets of Handy Craft. The Magical Toy for Boys. For Mechanical-Toy Construction Units. 29,789; Jan. 19.
Havne-Surridge Company, St. Louis, Mo. Strongstitch Sole Sewing Thread. For Thread. 29,790; Jan. 19.
Heather Handkerchief Works, Inc. (See Wilkes, Abraham P., assignor.)
Heller, B., & Company, Chicago, Ill. $1,000.00 Guaranteed Ozo Waste Pipe Opener. For a Waste-Pipe, Sink, and Drain Solvent and Opener. 29,791; Jan. 19.
Horn Seed Co., Oklahoma City, Okla. Readicracked. For Cracked and Screened Pecans. 29,792; Jan. 19.
Humphrey, W. E., Co., Inc., Tacoma, Wash. Husky Bar Made For The Huskies Hard to Beat Them 10¢. For Candy. 29,793; Jan. 19.
Jackson Brewing Company, New Orleans, La. Jackson-Cap. For Root Beer. 29,794; Jan. 19.
Libby, McNeill & Libby, Chicago, Ill. Libby's Milk. For Evaporated Milk. 29,795; Jan. 19.
Lion Match Co., Inc., New York, N. Y. Leopard. For Matches. 29,796; Jan. 19.
Livengood, Clarence J., Winston-Salem, N. C. Hug-Me-Tite Tire Patch. For Tire Patches. 29,797; Jan. 19.
Magel, W. B., & Company. (See Menasha Printing and Carton Company, assignor.)
Mainzer Adolf J., Inc., Long Island City, N. Y. Fruit-Melange. For a Filling for Pastries, Cakes, Tarts, Layers, Etc. 29,798; Jan. 19.
Mathiessen, E. M., Chicago, Ill. Madrid Cake Mix. For Cake Mix. 29,799; Jan. 19.
Mayer, Oscar & Co., Chicago, Ill. Hollywood Brand Early June Peas. For Canned Peas. 29,800; Jan. 19.
Mayer, Oscar, & Co., Chicago, Ill. Windsor Brand Tomatoes. For Canned Tomatoes. 29,801; Jan. 19.
Mayer, Oscar, & Co., Chicago, Ill. Oscar Mayer's Selected Tomatoes. For Canned Tomatoes. 29,802; Jan. 19.
Mayer, Oscar, & Co., Chicago, Ill. Windsor Brand Early June Peas. For Canned Peas. 29 803; Jan. 19.
Mayer, Oscar, & Co., Chicago, Ill. Oscar Mayer's Beans With Pork. For Canend Pork and Beans. 29,804; Jan. 19.
Mayer, Oscar, & Co., Chicago, Ill. Oscar Mayer's Sweet Corn. For Canned Corn. 29,805; Jan. 19.
Mayer, Oscar, & Co., Chicago, Ill. Hollywood Brand Tomatoes. For Canned Tomatoes. 29 806; Jan. 19.
Mayer, Oscar, & Co., Chicago, Ill. Hollywood Brand Sweet Corn. For Canned Corn. 29 807; Jan. 19.
Melvin, Robert C., San Francisco, Calif. Dropnot Bib. For Bibs. 29,808; Jan. 19.
Menasha Printing and Carton Company, Menasha, Wis., assignor to W. B. Magel & Company, Jackson, Mich. Silver Brook Creamery Butter. For Butter. 29,809; Jan. 19.
Menasha Printing and Carton Company, Menasha Wis. Big Valley. For Butter. 29,810; Jan. 19.
Metal Products Company, Des Moines, Iowa. All Weather Pneumatic Vent Gasket. For Vent Gaskets for Use on Automobiles. 29,811; Jan. 19.
Meyer Engineering Company, Newark, N. J. Meyer Engineering Co. For Meyer Geared Cyclone Fans. 9 812; Jan. 19.
Natural Wave Curler Mfg. Co., Seattle, Wash. Natural Wave Curler. For Curler for Producing a Wave in Natural Hair. 29,813; Jan. 19.
Pratt-Low Preserving Company, Santa Clara, Calif. Prattlow. For Canned Muscat Grapes. 29,814; Jan. 19.
Pratt-Low Preserving Company, Santa Clara, Calif. Prattlow #1. For Canned Green Gage Plums. 29,815; Jan. 19.
Pratt-Low Preserving Company, Santa Clara, Calif. Prattlow #2. For Canned Yellow Free Peaches. 29,816; Jan. 19.
Pratt-Low Preserving Company, Santa Clara, Calif. Prattlow #3. For Canned Egg Plums. 29,817; Jan. 19.
Reliable Mfg. Co. (See Wolfe, Ralph D.)
Reuter, Hermann, Clifton, N. J. Master's Original Window Cleaner. For a Fluid for Cleaning Glass. 29,818; Jan. 19.
Rialto Heights Association, Rialto, Calif. Crimson Crane. For Fresh Oranges. 29,819; Jan. 19.
Rialto Heights Association, Rialto, Calif. Altura. For Fresh Oranges. 29,820; Jan. 19.
Rivera Fruit Association, Rivera, Calif. Ibex. For Oranges. 29,821; Jan. 19.
Roberts, Preston E., Inc., Fort Madison, Iowa. Home Made Bread. For Bread. 29 822; Jan. 19.
S. & G. Gump Company, San Francisco, Calif. Taj Mahal Teat. Choicest Darjeeling. For Darjeeling Tea. 29,823; Jan. 19.
Saniwax Paper Co., Kalamazoo, Mich. Winsome. For Bread. 29,824; Jan. 19.
Schaeffer, Leon, Sulphur, Okla. Dr. Schaeffer's Axial Intra-Foramen Spino-Spacer. For Medical and Surgical Appliances for Adjusting the Vertebral Column of Living Vertebrate Beings. 29,825; Jan. 19.
Seyde, G. A., Des Moines, Iowa. Diamond Finish. For Furniture Polish. 29,826; Jan. 19.
Seven Baker Brothers, Pittsburgh, Pa. Big 7 Wonder Loaf. For Bread. 29 827; Jan. 19.
Sorrer, McEvoy & Co., Philadelphia, Pa. Quality Inn. For Rice. 29,828; Jan. 19.
Stuss Mfg. Co. (See Coe, Richard.)
Sweets Company of America, Incorporated, The, New York, N. Y. Lance Cough Drops. For Cough Drops. 29,829; Jan. 19.
Sweets Company of America, Incorporated, The, New York, N. Y. Butterscotch Tootsie Rolls. For Candy. 29,830; Jan. 19.
Tomson, P. C., & Company, Inc., Philadelphia, Pa. Tic-Toc. For a Preparation for Washing Dishes, Clothes, Glassware, for Softening Water, for Bleaching and Sterilizing, and Many Other Uses. 29,831; Jan. 19.
United States Pure Food Corporation, New York, N. Y. California Blend Pure California Fruit Juice. For Pure Fruit Juices. 29,832; Jan. 19.
Wetchler, L., & Sons, New York, N. Y. Gold Medal Enamel. For Enamel. 29,833; Jan. 19.
Wilkes, Abraham P., assignor to Heather Handkerchief Works, Inc., New York, N. Y. Primrose Woven Hkfs. For Handkerchiefs. 29,834; Jan. 19.
Wolfe, Ralph D., doing business as Reliable Mfg. Co., Chicago, Ill. La Tosca. For Perfumes. 29,835; Jan. 19.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Bosch, Robert, Magneto Company, Inc., New York, N. Y., assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. The Voice of a Gentleman's Car. For Electric Horns. 8,503; Jan. 19.

Cream of Wheat Co., Minneapolis, Minn. Frank O. Lowden gives his first rule for keeping fit. For Wheat Breakfast Food. 8,504; Jan. 19.

Cream of Wheat Co., Minneapolis, Minn. Free to Teachers, nurses, dieticians our new wall diet chart. For Wheat Breakfast Food. 8,505; Jan. 19.

Cream of Wheat Co., Minneapolis, Minn. In High Gear Every Minute This is Why Authorities urge a Hot Cereal Breakfast for Children. For Wheat Breakfast Food. 8,506; Jan. 19.

Cream of Wheat Co., Minneapolis, Minn. An Appeal to Mothers. For Wheat Breakfast Food. 8,507; Jan. 19.

Emmerich, Chas., & Co., Chicago, Ill. Since the days of frills and quills. For Pillows. 8,508; Jan. 19.

English Woolen Co., Cleveland, Ohio; Detroit, Mich.; Dayton, Ohio; Louisville, Ky.; and Indianapolis, Ind. Better Clothes. For Wearing Apparel. 8,509; Jan. 19.

Forbes, Jas. H., Tea & Coffee Co., St. Louis, Mo. When Lincoln Boarded with Mrs. Rutledge. For Coffee. 8,510; Jan. 19.

Forbes, Jas. H., Tea & Coffee Co., St. Louis, Mo. Balzac, The Great French Writer, Got Inspirations from Coffee. For Coffee. 8,511; Jan. 19.

Forbes, Jas. H., Tea & Coffee Co., St. Louis, Mo. General Grant Got Much Solace from his Coffee. For Coffee. 8,512; Jan. 19.

Garratt-Callahan Co., San Francisco, Calif. The Film of Protection for Boilers. For Boiler-Cleaning Compound. 8,513; Jan. 19.

Goodyear Tire & Rubber Company, Inc., The, Akron, Ohio. Good Work—Good Material and A Fair Square Price—Bring In Your Old Shoes For Repair—We Use Good—Wingfoot—Year Wingfoot Soles & Heels. For Soles and Heels for Boots and Shoes Composed Wholly or in Part of Rubber. 8,514; Jan. 19.

Granger & Co., Buffalo, N. Y. Foods and ingredients of foods. For Foods and Ingredients of Foods. 8,515; Jan. 19.

Hollywood Dollies, Inc., New York, N. Y. Hollywood Dollies Theatre. For Hollywood Dollies. 8,516; Jan. 19.

Singer Manufacturing Company, The, Elizabeth, N. J. Lo Más Moderno en Máquinas de Coser. For Sewing Motors and Sewing Lights. 8,517; Jan. 19.

Smokador Mfg. Co. Inc., New York, N. Y. A Message to Dealers. For Smokador Ashless Ashstand. 8,518; Jan. 19.

Sorver, McEvoy & Co., Philadelphia, Pa. The Surest way to get quality in Coffee. For Coffee. 8,519; Jan. 19.

Summerour & Son, Vernon, Tex. Stepping Ahead. For Cottonseed. 8,520; Jan. 19.

Sweets Company of America, Incorporated, The, New York, N. Y. Hootsie Tootsie. For Candy. 8,521; Jan. 19.

Truscon Steel Company, Youngstown, Ohio. Truscon Ferrodeck. For Insulated and Waterproofed Roofing. 8,522; Jan. 19.

Vinco Company, Inc., The, New York, N. Y. The Simple Solution. For Boiler-Treating Powder. 8,523; Jan. 19.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Actien-Gesellschaft für Anilin Fabrikation, Berlin, Germany. Plant preventives, fungicides, and insecticides. 210,992; Jan. 19.

American Belting & Hose Co., Portland, Oreg. Pulleys. 210,030; Jan. 19.

American Chicle Company, Long Island City, N. Y. Chewing gum. 223,073; Jan. 19.

American Stores Company, Philadelphia, Pa. Ammonia and bluing. 220,831; Jan. 19.

Ands, Koch A.-G., Trossingen, Germany. Mouth organs. 203,997; Jan. 19.

Argus Radio Corporation, New York, N. Y. Radio receiving sets. 211,965; Jan. 19.

Automatic Paper Machinery Company, Inc., Hilton, N. J. Waxed paper. 222,299; Jan. 19.

Autopiano Company, The, New York, N. Y. Pianos and player pianos. 221,680; Jan. 19.

B. K. Feed Mills, Topeka, Kans. Chick meal. 216,770; Jan. 19.

Bagshaw, W. H., Co., Lowell, Mass. Styluses for use with phonographic apparatus. 222,493; Jan. 19.

Bay City Milling Company, Bay City, Mich. Malt sirup for food purposes. 222,813; Jan. 19.

Beldam Packing & Rubber Company Limited, The, London, England. Asbestos fiber and covering. 215,963; Jan. 19.

Bentley Harris Mfg. Co., Conshohocken, Pa. Electrical insulation. 209,612; Jan. 19.

Bolotin & Sheinin, Chicago, Ill. Gold and platinum finger rings. 222,303; Jan. 19.

Burton, J. P., Coal Company, The, Cleveland, Ohio. Coal, carbonized fuel, and coke. 222,061–2; Jan. 19.

Candy Products Company, Portland, Oreg. Candy. 223,368; Jan. 19.

Carborundum Company, The, Niagara Falls, N. Y. Refractory cements. 223,284; Jan. 19.

Chrysler Sales Corporation, Detroit, Mich. Vehicle hub caps. 223,686; Jan. 19.

Colgate & Company, Jersey City, N. J. Package containing cold cream, compact, face powder, toilet water, etc. 220,703; Jan. 19.

Collins Company, The, Collinsville, Conn. Plows and plow parts. 222,442; Jan. 19.

Comprex Oscillator Corp., New York, N. Y. Electric trouble lamp. 221,808; Jan. 19.

Concrete Publishing Company, Chicago, Ill. Magazines. 223,688; Jan. 19.

Connor, W. B., Co. Inc., The, New York, N. Y. Steam traps. 220,842; Jan. 19.

Coral Gables Publishing Company. (See Phillips, Roland.)

Corset Shop, The. (See Koch, Edward B.)

Criandera Condensed Milk Company. (See Sterling, D. L., & Sons, Inc.)

Cross-Fanning Manufacturing Company, Houston, Tex. Writing inks. 220,336; Jan. 19.

Curly-Cue Laboratories, Fort Worth, Tex. Hair tonic. 222,783; Jan. 19.

Daumi, Annie R., doing business as Madame A. Russell, New York, N. Y. Medicine for indigestion, constipation, kidney and stomach ailments. 222,918; Jan. 19.

De Grauw, Aymar & Company, New York, N. Y. Flags and banners. 222,785; Jan. 19.

Dickinson, Albert, Company, The, Chicago, Ill. Grass seeds. 221,243; Jan. 19.

Dixon, Joseph, Crucible Company, Jersey City, N. J. Pencil's. 224,097; Jan. 19.

Dorfan Company, The. (See Forchheimer, Milton.)

Du-Hold Company. (See Kline, Morris.)

Durand-McNeil-Horner Co., Chicago, Ill. Coffee, pancake flour, cereal breakfast food, evaporated milk, flavoring extracts, etc. 191,822; Jan. 19.

Durinick, Henry B., New York, N. Y. Combination electric radiocabinet shade and table lamp. 214,859; Jan. 19.

Duschner, Hugo, G. m. b. H., Berlin, Germany. Bath essence, bath tablets, and bath powder. 219,669; Jan. 19.

Earl Fruit Company, Spokane, Wash. Fresh apples. 223,221; Jan. 19.

Elco Distributing Co., Chicago, Ill. Malt sirup. 223,697; Jan. 19.

Electrical Research Laboratories, Inc., Chicago, Ill. Radiocondensers, radio receiving sets, aerial equipment, etc. 223,698; Jan. 19.

Fahrney, Dr. Peter, & Sons Co., Chicago, Ill. Liniment. 218,109–16; Jan. 19.

Fahrney, Dr. Peter, & Sons Co., Chicago, Ill. Preparation used in the treatment of ailments peculiar to women. 218,117; Jan. 19.

Forchheimer, Milton, doing business as The Dorfan Company, Newark, N. J. Toy locomotives, parts of toy locomotives, and sets of toy-locomotive parts. 223,381; Jan. 19.

Ford Radio & Mica Corporation, New York, N. Y. Radiotransformers. 221,813; Jan. 19.

Fort Wayne Engineering & Manufacturing Company, Fort Wayne, Ind. Pumping equipment, water systems, and soft-water generators. 221,890; Jan. 19.

Friedlander-Kopple Radio Service, New York, N. Y. B batteries, also A batteries, loud-speaker horns, phones, etc. 211,263; Jan. 19.

Geurink, Louis H., East Cleveland, Ohio. Mixing arm and combustion nozzle for gas stoves and furnaces. 187,738; Jan. 19.

Gimbel Brothers, Inc., New York, N. Y. Radio receiving sets. 223,472; Jan. 19.

Gimbel Brothers, Inc., New York, N. Y. Radio receiving sets. 223,474; Jan. 19.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Golden Gate Macaroni & Paste Factory, San Francisco, Calif. Alimentary paste products. 223,638; Jan. 19.

Groetken, Joseph J., doing business as Peter Pan Copying Ink Company, Aurora, Ill. Copying ink for reproducing pictures or designs. 220,846; Jan. 19.

Grueby Faience and Tile Company, Boston, Mass., and Philadelphia, Pa. Floor tiles, wall tiles, tile door frames, etc. 222,075; Jan. 19.

Hanna, M. A., Coal & Dock Company, The, St. Paul, Minn. Bituminous coal. 221,367; Jan. 19.

Hartmann Trunk Company, Racine, Wis. Wardrobe trunks. 205,753; Jan. 19.

Heller, G. & W., Vienna, Austria. Candy. 207,869; Jan. 19.

Herold-Bertsch Shoe Company, The, Grand Rapids, Mich. Shoes. 221,962; Jan. 19.

Hershey Chocolate Company, Hershey, Pa. Chocolate bar. 223,784; Jan. 19.

Higgins, Claude, Delavan, Wis. Toy vehicles. 221,898; Jan. 19.

Howard Radio Company, Chicago, Ill. Telephone plugs, rheostats, switches, etc. 221,611; Jan. 19.

Irvine, Geo. H., doing business as Sno-Flake Products Company, Detroit, Mich. Automobile and furniture polish. 203,821; Jan. 19.

Jaggers, Stanley, doing business as Stanley Jaggers & Co., Hodgenville, Ky. Smoking and chewing tobacco. 214,550; Jan. 19.

Johns-Manville, Incorporated, New York, N. Y. Heat-insulating materials for buildings. 205,483; Jan. 19.

Kaufman, Harry G., doing business as Kaufman Manufacturing Co., New York, N. Y. Watches, watchcases, watch movements, and parts thereof. 221,707; Jan. 19.

Kaufmann Department Stores, Inc., Pittsburgh, Pa. Men's and boys' hats and caps. 223,304; Jan. 19.

Kaufmann Department Stores, Inc., Pittsburgh, Pa. Silk, wool, cotton, and leather gloves. 224,284; Jan. 19.

Kaupy & Schonmann, Kabel-Isolierband- und Gummiwarenerzeugung "Durabit," Vienna and Perchtoldsdorf, Austria. Rubber bands and tape and insulating compounds. 204,662; Jan. 19.

Keyes Daren Mills Ltd., Dartford, England. Bread and wheat germ flour and mixed flour containing wheat germs. 203,957; Jan. 19.

Keystone Grocery & Tea Co., Pittsburgh, Pa. House organ issued monthly. 223,849; Jan. 19.

Kirk, James S., & Company, Chicago, Ill. Radiator glycerin. 223,122; Jan. 19.

Kline, Morris, doing business as Du-Hold Company, Cleveland, Ohio. Apparel belts. 204,267; Jan. 19.

Koch, Edward B., doing business as The Corset Shop, New Haven, Conn. Corsets, girdles, and brassières. 224,250; Jan. 19.

La Guardia Publishing Co. Inc., New York, N. Y. Periodical published weekly. 224,609; Jan. 19.

Liberty Transformer Co., Inc., Chicago, Ill. Transformers. 221,555; Jan. 19.

Lippmann, Spier & Hahn, New York, N. Y. Jewelry and purses. 223,851; Jan. 19.

Lowe Ranch. (See O'Keefe, John F.)

M. P. H. Company. (See Walter, William M.)

MacDonough, George M., Jacksonville, Fla. Annual magazines. 224,256; Jan. 19.

Manning, Bowman & Co., Meriden, Conn. Lunch boxes, vacuum bottles, vacuum food jars, etc. 206,179; Jan. 19.

McGovern & McGovern, Seattle, Wash. Canned salmon. 224,342; Jan. 19.

Mellinkoff, Albert, Los Angeles, Calif. Shoes. 223,132; Jan. 19.

Merriam, H. W. Shoe Company, The, Newton, N. J. Leather shoes. 222,472; Jan. 19.

Modern Publications, Inc., Camden, N. J. Weekly magazine. 224,415; Jan. 19.

Moore, Benjamin, & Co., Jersey City, N. J., and Brooklyn, N. Y. Liquid paints and paint enamels. 223,890; Jan. 19.

Morris, Norman M., New York, N. Y. Watch and clock cases, movements, dials, and parts thereof. 223,317; Jan. 19.

Murphy-Gorman Company, Danbury, Conn. Men's soft felt hats, stiff felt hats, and velour hats. 220,667; Jan. 19.

Myers, Cornelius T., Rahway, N. J. Magazine lubricating devices. 222,336; Jan. 19.

National Surfo Burner Corporation, Buffalo, N. Y. Oil burners. 221,765; Jan. 19.

Nofiat Company, Inc., The, New York, N. Y. Deflector shield for automobile headlights. 221,560; Jan. 19.

Noonan, George W., doing business as Noonan Laboratory, San Bernardino, Calif. Dandruff remedy. 223,101; Jan. 19.

O'Keefe, John F., doing business as Lowe Ranch, Cupertino, Calif. Seeds. 223,800; Jan. 19.

Overton, B. M., Mfg. Co., Louisville, Ky. Medical preparation for a digestive laxative. 221,563; Jan. 19.

Pardee, C., Works, The, Perth Amboy, N. J., and Philadelphia, Pa. Floor tiles, wall tiles, tile door frames, etc. 222,793; Jan. 19.

Peerless Products Company, Los Angeles, Calif. Wax distributor and floor polisher. 215,092; Jan. 19.

Perolin Company of America, The, Chicago, Ill. Fire brick. 204,866; Jan. 19.

Peter Pan Copying Ink Company. (See Groetken, Joseph J.)

Peters-Certified Poultry, Inc., Newton, Iowa. Live chickens. 222,871; Jan. 19.

Phillips, Roland, New York, N. Y., doing business as Coral Gables Publishing Company, Coral Gables, Fla. Periodical. 224,572; Jan. 19.

Pilot Electric Manufacturing Company, Inc., The, Brooklyn, N. Y. Resistance elements. 218,774–5; Jan. 19.

Pilot Electric Manufacturing Company, Inc., The, Brooklyn, N. Y. Potentiometers and rheostats. 220,035; Jan. 19.

Plant Bros. & Co., Portland, Me. Shoes. 218,920; Jan. 19.

Plomb Tool Company, Los Angeles, Calif. Cold, long cold, cape, diamond, etc., chisels, punches, drills, etc. 220,918; Jan. 19.

Plumbers Trade Journal Publishing Co., New York, N. Y. Monthly magazine. 224,149; Jan. 19.

Poetsch, Walter R., Chicago, Ill. Ventilators. 223,486; Jan. 19.

Porter, Jno. K., doing business as U-Auto Camp Co., Scranton, Pa. Umbrella tents, wall tents, camp stakes, etc. 223,743; Jan. 19.

Primo Spark Plug Company, Butte, Mont. Spark plugs. 223,603; Jan. 19.

Prion and Prion, Mansfield, Ohio. Healing salve. 222,578; Jan. 19.

Progressive Musical Instrument Corporation, New York, N. Y. Rosin. 223,328; Jan. 19.

Quinn, William C., Everett, Mass. Cartoons in newspaper publications. 223,410; Jan. 19.

Quong, Chin, San Francisco, Calif. Rheumatism medicine. 222,799; Jan. 19.

Ranetite Waterproofing Co. (See Schmitt, Joseph L.)

Reasoner Brothers' Royal Palm Nurseries, Oneco, Fla. Ornamental plants, trees, and flowers. 215,023; Jan. 19.

Reeve, Robert F., Newark, N. J. Patches for pneumatic tires and tubes. 220,140; Jan. 19.

Remova Laboratories, Inc., The, Syracuse, N. Y. Cold and vanishing creams, face powder, rouge, etc. 220,142; Jan. 19.

Rigo Manufacturing Company, Nashville, Tenn. Chemical preparation for the destruction of vermin and insects. 223,189; Jan. 19.

Rigo Manufacturing Company, doing business as Rigo Chemical Co., Nashville, Tenn. Lubricating oils. 223,190; Jan. 19.

Roddenbery, Walter B., Cairo, Ga. Food sirup. 223,414; Jan. 19.

Rose, Evelyn, doing business as Taxi Meter Publishing Co., Brooklyn, N. Y. Weekly periodical. 223,660; Jan. 19.

Russell, Madame A. (See Daumi, Annie R.)

Sarnes, Mary, Detroit, Mich. Face creams, hand lotions, face powder, and toilet water. 221,569; Jan. 19.

Saxony Mills, St. Louis, Mo. Wheat flour. 220,922; Jan. 19.

Schmitt, Joseph L., doing business Ranetite Waterproofing Co., St. Louis, Mo. Paint oil, paint for metals and cements, and transparent and colored waterproofing paint. 222,707; Jan. 19.

Scholl Manufacturing Company, Inc., Chicago, Ill. Boots, shoes, and slippers. 206,087; Jan. 19.

Schroyer, Franklin, Hutchinson, Kans. Fuel-oil burners and stoves. 222,344; Jan. 19.

Seufert Brothers Company, The Dalles, Oreg. Canned salmon, fruits, and vegetables. 224,429; Jan. 19.

Smith, Jas., & Son, Redditch, Limited, Redditch, England. Office, toilet, safety, etc., pins, needles, bodkins, etc. 217,185; Jan. 19.

Sno-Flake Products Company. (See Irvine, Geo. H.)

Sportocasin Co., The, Yarmouth, Me. Shoes made of leather and leather and rubber combined. 224,433; Jan. 19.

Spray Engineering Company, Boston, Mass. Filter-media oils. 222,963; Jan. 19.

Stadlmair, Henry, Co. Inc., New York, N. Y. Stringed musical instruments. 218,505; Jan. 19.

Stein, A., & Company, Chicago, Ill. Belts. 214,514; Jan. 19.

Sterling, D. L., & Sons, Inc., doing business as Criandera Condensed Milk Company, New York, N. Y., and Habana, Cuba. Sweetened condensed milk. 223,810; Jan. 19.

Sterling-Slater Fruit Company, Wenatchee and Entiat, Wash. Fresh apples. 223,057; Jan. 19.

Stern & Stern, Inc., New York, N. Y. Finger rings. 222,288; Jan. 19.

Stewart-Warner Speedometer Corporation, Chicago, Ill. Radio receiving sets. 212,158; Jan. 19.

Streator Brick Company, Streator, Ill. Bricks. 223,262; Jan. 19.

Taxi Meter Publishing Co. (See Rose, Evelyn.)

Thomas & Horn, Fresno, Calif. Fresh peaches, plums, nectarines, and grapes. 220,096; Jan. 19.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Thompson, Henry C., assignor to The Thompson Specialties Inc., Springfield, Mass., Hartford, Conn. Materials for coloring low spots on balls or rollers of bearings. 205,250; Jan. 1.

Thompson Specialties Inc., The. (See Thompson, Henry C., assignor.)

Tingue, Brown & Co., New York, N. Y. Laundry nets. 14,002; Jan. 19.

Trayway Mfg. Co., San Francisco, Calif. Clothes-washing machines and combined clothes-washing machines and wringers. 221,937; Jan. 19.

U-Auto Camp Co. (See Porter, Jno. K.)

Union Sand & Gravel Co., Huntington, W. Va. Sand and gravel. 223,753; Jan. 19.

Van Stan, Victor F., Philadelphia, Pa. Adhesive mending cement. 208,791; Jan. 19.

Veby Radio Co., Newark, N. J. Radio receiving apparatus and parts thereof. 221,392; Jan. 19.

Vortex Mfg. Co., The, Chicago, Ill. Paper cups. 206,985; Jan. 19.

Wagner Manufacturing Company, The, Sidney, Ohio. Pots, teakettles, pans, waffle irons, etc. 223,147; Jan. 19.

Walter, William M., doing business as M. P. H. Company, Reading, Ohio. Vegetable compound used internally as a laxative. 218,224; Jan. 19.

Wehe, C. E., Oakland, Calif. Automobile and furniture polish. 221,038; Jan. 19.

Westinghouse Air Brake Company, The, Wilmerding, Pa. Machinery packing composed of layers of copper and asbestos. 223,264; Jan. 19.

White & Sons, Galeton, Pa. Corn meal, corn and oats feed, self-rising pancake flour, etc. 211,314; Jan. 19.

Whiting, C. R., Co., Newark, N. J. Artificial leather or coated cotton fabric. 221,863; Jan. 19.

Wilkins, John H., Co., Washington, D. C. Coffee. 224,369; Jan. 19.

Wright & Hughson, Dinuba, Calif. Fresh grapes. 221,652; Jan. 19.

Wurlitzer Rudolph Co., The, Cincinnati, Ohio. Pianos, grand pianos, and player pianos. 220,382; Jan. 19.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Coal. Southwestern Coal Company. 208,107; Jan. 19; Serial No. 213,995; published Oct. 27, 1925.

CLASS 2.

Boxes and cans, Dispensing. Idico Corporation. 208,187; Jan. 19; Serial No. 219,824; published Nov. 3, 1925.

Containers of paper, Ice-cream. Frank G. Shattuck Company. 208,209; Jan. 19; Serial No. 219,498; published Nov. 3, 1925.

CLASS 3.

Cases for musical instruments. Pan-American Band Instrument & Case Co. 208,022; Jan. 19; Serial No. 218,322; published Nov. 3, 1925.

Cases, traveling. Kase-Quinby Rubber Co. 208,072; Jan. 19; Serial No. 215,372; published Nov. 10, 1925.

CLASS 4.

Soap and cleaning powder. Liverpool Borax Co. 208,175; Jan. 19; Serial No. 194,723; published Oct. 20, 1925.

Soap, Medicated and perfumed. Potter Drug & Chemical Corporation. 49,675; renewed Feb. 13, 1926.

CLASS 5.

Glue, Waterproof joint. L. W. Ferdinand & Co. 208,038; Jan. 19; Serial No. 219,327; published Nov. 3, 1925.

CLASS 6.

Acid, Stearic. E. A. Bromund Co. 208,043; Jan. 19; Serial No. 218,784; published Oct. 6, 1925.

Antiseptic dressing. Moore Brothers. 208,089; Jan. 19; Serial No. 166,838; published Sept. 16, 1924.

Antiseptic medicinal preparation for wounds, sores, etc. Gulf State Medicine Company. 208,065; Jan. 19; Serial No. 215,007; published Oct. 6, 1925.

Baking powder. Sea Gull Specialty Co. 49,549; renewed Feb. 6, 1926.

Bluing paddle. A. E. Spencer Products Corporation. 208,224; Jan. 19; Serial No. 219,092; published Oct. 27, 1925.

Cathartic and laxative compound. H. K. Mulford Company. 208,150; Jan. 19; Serial No. 218,367; published Oct. 27, 1925.

Chemical crystal for softening water and cleaning purposes. E. L. Smith. 208,025; Jan. 19; Serial No. 218,504; published Oct. 6, 1925.

Chemical preparation. Fluxo Products Company. 208,111; Jan. 19; Serial No. 212,378; published Oct. 13, 1925.

Chemical preparation. Innis, Speiden & Co. 208,058; Jan. 19; Serial No. 216,836; published Oct. 6, 1925.

Chemical preparation for curling and waving the hair. Filmoff Company of America, Inc. 208,086; Jan. 19; Serial No. 201,927; published Oct. 21, 1924.

Chemical preparation for the hair. Royal Perfume Company. 208,221; Jan. 19; Serial No. 219,143; published Oct. 27, 1925.

Chemicals and alkalies, such as soda ash, sal soda, etc. Kali Manufacturing Co. 208,225; Jan. 19; Serial No. 219,073; published Oct. 27, 1925.

Citrate of magnesia. M. W. Robinson. 208,130; Jan. 19; Serial No. 219,002; published Oct. 13, 1925.

Corrosion paste. W. M. Ducote. 208,126; Jan. 19; Serial No. 219,170; published Oct. 13, 1925.

Creams, Toilet. Mimi Manufacturing Company. 208,084; Jan. 19; Serial No. 198,719; published Dec. 2, 1924.

Degumming agent. National Oil and Chemical Company. 208,162; Jan. 19; Serial No. 218,771; published Oct. 27, 1925.

Dental cream. Purity Cosmetic Co. 208,064; Jan. 19; Serial No. 215,298; published Oct. 6, 1925.

Deodorants and disinfectants. E. B. Harper. 208,098; Jan. 19; Serial No. 219,667; published Oct. 20, 1925.

Disinfectants and deodorizers. J. C. Shepard. 208,021; Jan. 19; Serial No. 218,212; published Oct. 6, 1925.

Disinfectants and deodorizers. J. C. Shepard. 208,137; Jan. 19; Serial No. 218,213; published Oct. 6, 1925.

Douche powder. L. W. Wiggins. 208,245; Jan. 19; Serial No. 218,227; published Oct. 13, 1925.

Douche, Vaginal. A. E. Fuoss. 208,042; Jan. 19; Serial No. 218,849; published Oct. 6, 1925.

Embalming fluid. Embalmers' Supply Company. 208,142; Jan. 19; Serial No. 218,355; published Oct. 20, 1925.

Face pack, face powder, face tonic, and eye pack. L. H. Thurber. 208,069; Jan. 19; Serial No. 213,206; published Oct. 20, 1925.

Hair balsam. Hiscox Chemical Works. 208,157; Jan. 19; Serial No. 218,701; published Oct. 27, 1925.

Hair balsam. Hiscox Chemical Works. 208,159; Jan. 19; Serial No. 218,703; published Oct. 27, 1925.

Hairdressing. Phoenix Laboratories. 208,056; Jan. 19, 1925.; Serial No. 197,831; published Oct. 7, 1924.

Hairdressing. Prince Laboratories. 208,147; Jan. 19; Serial No. 219,087; published Oct. 13, 1925.

Hair dressing and tonic. Combination. A. Cento. 208,080; Jan. 19; Serial No. 206,214; published Mar. 3, 1925.

Hair tonic. W. Klein. 208,122; Jan. 19; Serial No. 219,035; published Oct. 13, 1925.

Hair tonic, complexion powder, tooth paste, etc. A. J. Hilbert & Co. 208,087; Jan. 19; Serial No. 197,934; published Oct. 7, 1924.

Insecticide. Gilpin, Langdon & Company. 208,121; Jan. 19; Serial No. 218,913; published Oct. 13, 1925.

Insecticide, Liquid contact. A. A. Gold. 208,167; Jan. 19; Serial No. 219,070; published Oct. 27, 1925.

Insectifuge, Termit Ltd. A/S. 208,119; Jan. 19; Serial No. 214,696; published July 21, 1925.

Liniment. P. C. Robbins. 208,230; Jan. 19; Serial No. 216,642; published Oct. 13, 1925.

Liniment, hand lotion, liquid hair shampoo, cough sedative. Joseph Triner Company. 208,031; Jan. 19; Serial No. 218,781; published Oct. 6, 1925.

Medicine for constipation, torpid liver, etc. W. J. Korbonits. 208,174; Jan. 19; Serial No. 193,467; published Oct. 13, 1925.

Medicine for internal use. Potter Drug & Chemical Corporation. 49,724; renewed Feb. 13, 1926.

Medicine for internal use. Potter Drug & Chemical Corporation. 50,753; renewed Mar. 27, 1926.

Medicine for the treatment of rheumatism, gout, and blood disorders. Bosul Company. 208,138; Jan. 19; Serial No. 218,240; published Oct. 13, 1925.

Medicine to prevent perspiration of feet. J. Gagl. 208,128; Jan. 19; Serial No. 219,030; published Oct. 13, 1925.

Motor-fuel compound. C. C. Benton. 208,125; Jan. 19; Serial No. 219,055; published Oct. 13, 1925.

Nonfreezing radiator fluid. Eureka Products Co. 208,127; Jan. 19; Serial No. 218,901; published Oct. 13, 1925.

Oil, Cod-liver. E. N. Hakstad. 208,165; Jan. 19; Serial No. 219,032; published Oct. 27, 1925.

Oil, Cod-liver. Slimo Chemical Co. 208,220; Jan. 19; Serial No. 219,148; published Oct. 27, 1925.

Oil, for the treatment of rheumatism. A. R. Lewis. 208,222; Jan. 19; Serial No. 219,218; published Oct. 27, 1925.

Oil, Russian mineral. Avri Drug & Chemical Company. 208,139; Jan. 19; Serial No. 218,892; published Oct. 13, 1925.

Ointment. T. F. Difenderfer. 208,144; Jan. 19; Serial No. 219,113; published Oct. 13, 1925.

Ointment. Potter Drug & Chemical Corporation. 49,573; renewed Feb. 13, 1926.

Ointment. Potter Drug & Chemical Corporation. 50,754; renewed Mar. 27, 1926.

Oxalic acid, Bismarck brown aniline, etc. H. L. Greenbaum. 208,110; Jan. 19; Serial No. 213,234; published Oct. 27, 1925.

Paraffin stick, Medicated. L. C. Greenburg. 208,151; Jan. 19; Serial No. 218,409; published Oct. 27, 1925.

Perfume, toilet water, face powder, etc. J. Wormser. 208,028; Jan. 19; Serial No. 218,725; published Oct. 6, 1925.

Perfumes, face and bath dusting powders. Yardley & Co. 208,134; Jan. 19; Serial No. 218,032; published Oct. 6, 1925.

Perfumes, toilet water, bath salts, etc. A. Gravier. 208,244; Jan. 19; Serial No. 218,256; published Oct. 27, 1925.

Perfumes, toilet water, face powder, etc. L. Becker. 208,155; Jan. 19; Serial No. 218,685; published Oct. 27, 1925.

Perfumes, toilet waters, etc. Leigh Chemist, Inc. 208,026; Jan. 19; Serial No. 218,517; published Oct. 6, 1925.

Perfumes, toilet waters, face and toilet powders, and facial creams. C. Kavarnos. 208,153; Jan. 19; Serial No. 218,463; published Oct. 27, 1925.

Perfumes, toilet waters, face lotions, etc. Parfumerie Internationale Corday. 208,054; Jan. 19; Serial No. 201,508; published Oct. 6, 1925.

Photographic developers, toning baths, etc. Mimosa Aktiengesellschaft. 208,247; Jan. 19; Serial No. 218,076; published Oct. 27, 1925.

Pigments for use in the rubber industry, Black. Binney & Smith Company. 208,116; Jan. 19; Serial No. 210,523; published Apr. 28, 1925.

Plasters for corns, bunions, and calli, and warts. Scholl Manufacturing Company. 208,177; Jan. 19; Serial No. 201,469; published Nov. 3, 1925.

Polish, Liquid nail. Nailcraft Co. 208,241; Jan. 19; Serial No. 217,949; published Oct. 27, 1925.

Powder, Toilet. P. Lemeland. 208,148; Jan. 19; Serial No. 218,261; published Oct. 27, 1925.

Powders and perfume. Henry Tetlow Company. 208,067; Jan. 19; Serial No. 210,588; published Apr. 21, 1925.

Preparation for croup, colds, catarrh, etc. Bacorn Company. 208,055; Jan. 19; Serial No. 197,182; published Oct. 7, 1924.

Preparation for diabetic patients. H. A. Metz Laboratories, Inc. 208,123; Jan. 19; Serial No. 219,039; published Oct. 13, 1925.

Preparation for regulating the biliary and intestinal secretions. Societe Anonyme Omnium de Specialites & Produits Chimiques. 208,029–30; Jan. 19; Serial Nos. 218,779–80; published Oct. 6, 1925.

Preparation for the treatment of piles. E. F. Schulz 208,242; Jan. 19; Serial No. 217,963; published Oct. 13, 1925.

Preparation for the treatment of piles. H. K. Wing. 208,143; Jan. 19; Serial No. 219,019; published Oct. 13, 1925.

Preparation for the treatment of the scalp and removal of dandruff. J. Sarubi Company. 208,141; Jan. 19; Serial No. 218,501; published Oct. 20, 1925.

Preparation to be used as a blood purifier, antirheumatic, and tonic. M. V. Ballesteros. 208,242; Jan. 19; Serial No. 217,981; published Oct. 13, 1925.

Preparation to kill flies, lice, etc. V. A. Ransom. 208,097; Jan. 19; Serial No. 219,201; published Oct. 13, 1925.

Preparations for removing tartar, film, and discolorations from the teeth. W. H. and B. Waddell. 208,045; Jan. 19; Serial No. 180,993; published Aug. 21, 1923.

Preparations or compounds, finoxides, etc., Wood-preserving, plant and animal destroying. Grubenholz-Imprägnierung G. m. b. H. 208,146; Jan. 19; Serial No. 219,180; published Oct. 13, 1925.

Prophylactic, Oral. Solex Drug Company. 208,124; Jan. 19; Serial No. 218,147; published Oct. 20, 1925.

Remedies for the cure of corns. Hiscox Chemical Works. 208,158; Jan. 19; Serial No. 218,702; published Oct. 27, 1925.

Remedy for corns, warts, bunions, and calli. F. Costa. 208,239; Jan. 19; Serial No. 217,863; published Oct. 27, 1925.

Remedy for dandruff, falling hair, and as a hair tonic. J. A. Fillis. 208,156; Jan. 19; Serial No. 218,694; published Oct. 27, 1925.

Remedy for eczema, Vegetable compound used as a. J. C. Bourland. 208,105; Jan. 19; Serial No. 214,395 published Nov. 3, 1925.

Remedy for the treatment of fits, Dog. Pep Stock Medicine Company. 208,135; Jan. 19; Serial No. 218,140; published Oct. 6, 1925.

Remedy, Pile. C. T. Porter. 208,099; Jan. 19; Serial No. 219,693; published Oct. 20, 1925.

Remedy, Reducing. E. H. Few. 208,034; Jan. 19; Serial No. 218,809; published Oct. 6, 1925.

Rouge, Coty, Inc. 208,061–2; Jan. 19; Serial Nos. 216,020–1; published Oct. 6, 1925.

Salt, Henry Soodsma & Company. 208,041; Jan. 19; Serial No. 218,877; published Oct. 6, 1925.

Salt bath for hardening and tempering materials. Heatbath Corporation. 208,168; Jan. 19; Serial No. 219,071; published Oct. 27, 1925.

Salts, Bath. Technical Research Laboratories, Inc. 208,145; Jan. 19; Serial No. 219,154; published Oct. 13, 1925.

Salve, K. Krusin. 208,223; Jan. 19; Serial No. 219,125; published Oct. 27, 1925.

Salve and cream. L. C. Daudelin. 208,152; Jan. 19; Serial No. 218,451; published Oct. 27, 1925.

Salve, Healing. F. Bauman. 208,133; Jan. 19; Serial No. 217,752; published Oct. 20, 1925.

Salve, Healing. J. D. Xenos. 208,218; Jan. 19; Serial No. 219,158; published Nov. 3, 1925.

Shampoo bags. Hanly Products Co. 208,163; Jan. 19; Serial No. 218,965; published Oct. 13, 1925.

Skin lotions, antiseptic and soothing powder, and face cream. Ensemble Manufacturing Co. 208,208; Jan. 19; Serial No. 219,662; published Oct. 27, 1925.

Sodium bicarbonate, flaxseed meal, moth balls, etc. Durr Drug Company. 208,246; Jan. 19; Serial No. 218,169; published Oct. 27, 1925.

Solution for intravenous therapy of acute inflammatory processes. E. Silten. 208,077–8; Jan. 19; Serial Nos. 203,443–4; published Oct. 6, 1925.

Suppositories, Vaginal. H. K. Mulford Company. 208,149; Jan. 19; Serial No. 218,365; published Oct. 27, 1925.

Tablets, Cod-liver compound. C. H. McKeown. 208,228; Jan. 19; Serial No. 216,196; published Oct. 27, 1925.

Tablets for boils and other skin affections. E. L. Patch Company. 208,085; Jan. 19; Serial No. 201,301; published Jan. 20, 1925.

Tablets for treating diseases of poultry. Shores-Mueller Company. 208,024; Jan. 19; Serial No. 218,503; published Oct. 6, 1925.

Talcum powder. Avri Drug & Chemical Company. 208,129; Jan. 19; Serial No. 218,893; published Oct. 20, 1925.

Toilet preparations, Facial and skin. American Beauty Co. 208,240; Jan. 19; Serial No. 217,914; published Oct. 13, 1925.

Tonic and blood medicine. Kirby-Gifford Company. 208,106; Jan. 19; Serial No. 214,367; published Oct. 13, 1925.

Tonic for impotency. Lohn & Fink, Inc. 208,083; Jan. 19; Serial No. 197,947; published Aug. 26, 1924.

Tonic, Hog. L. Larson. 208,140; Jan. 19; Serial No. 218,561; published Oct. 13, 1925.

Tonics, General medicinal. Win-Tone Sales Company. 208,066; Jan. 19; Serial No. 214,345; published Oct. 20, 1925.

Veterinary preparations and preparations for human beings. D. M. Hughes. 208,081; Jan. 19; Serial No. 211,169; published Oct. 20, 1925.

Water, etc., Feed-water treatment for conditioning boiler. Reiter Co. 208,068; Jan. 19; Serial No. 211,125; published May 5, 1925.

CLASS 10.

Fertilizing material. F. M. Lawrence. 208,205; Jan. 19; Serial No. 220,963; published Nov. 10, 1925.

CLASS 12.

Bungalows, Portable. J. A. Kinnear. 208,108; Jan. 19; Serial No. 213,655; published Oct. 27, 1925.

Construction and insulating materials and the mixture used in preparing the aforesaid materials. Illinois Asbestos Products Company. 208,109; Jan. 19; Serial No. 213,305; published Oct. 13, 1925.

Plaster. M. J. Resnick. 208,118; Jan. 19; Serial No. 214,823; publishing Oct. 20, 1925.

Roofing material. Paraffine Companies, Inc. 208,173; Jan. 19; Serial No. 192,787; published Oct. 13, 1925.

CLASS 13.

Faucets. George W. Cooke Co. 208,202; Jan. 19; Serial No. 220,840; published Nov. 10, 1925.

Grilles. Fred J. Meyers Manufacturing Co. 208,203; Jan. 19; Serial No. 220,857; published Nov. 10, 1925.

Lavatories, closet bowls, etc. Kohler Company. 208,206; Jan. 19; Serial No. 220,904; published Nov. 10, 1925.

Rivets. Crescent Belt Fastener Company. 208,198; Jan. 19; Serial No. 220,642; published Nov. 10, 1925.

Rivets. Crescent Belt Fastener Company. 208,199–200; Jan. 19; Serial Nos. 220,644–5; published Nov. 10, 1925.

CLASS 14.

Castings. Bohn Aluminum & Brass Corporation. 208,204; Jan. 19; Serial No. 220,883; published Nov. 10, 1925.

CLASS 15.

Greases, Lubricating. D-A Lubricant Company. 208,213; Jan. 19; Serial No. 219,383; published Oct. 27, 1925.

Oil, Lubricating. Gilde Oil & Chemical Company. 208,227; Jan. 19; Serial No. 207,300; published Feb. 24, 1925.

Oils and greases, Motor. Armould's Oil Company. 208,120; Jan. 19; Serial No. 214,456; published Sept. 29, 1925.

Oils, Lubricating. Pierce Petroleum Corporation. 208,226; Jan. 19; Serial No. 205,777; published May 5, 1925.

CLASS 16.

Bronze powders and liquids, kraft gesso, linseed oil, etc. W. E. Brandgk. 208,088; Jan. 19; Serial No. 197,701; published Oct. 27, 1925.

Enamels, Auto. Kwickglow Enamel Co. 208,018; Jan. 19; Serial No. 216,736; published Oct. 27, 1925.
Paints and insulating compounds. Standard Paint Company. 49,696; renewed Feb. 13, 1926.
Paints, oils, stains, and varnishes. Ready-made. H. Peterman. 208,076; Jan. 19; Serial No. 203,142; published Oct. 27, 1925.
Paints, paint enamels, wood stains, etc. Patterson-Sargent Company. 208,019; Jan. 19; Serial No. 218,018; published Oct. 27, 1925.
Paints, varnishes, paint enamels, etc. H. B. Walters. 208,012; Jan. 19; Serial No. 217,971; published Oct. 27, 1925.

CLASS 19.

Automobiles, Monogram plates for. I. L. Rosenberg. 208,136; Jan. 19; Serial No. 218,205; published Oct. 6, 1925.

CLASS 21.

Audio and radio frequency transformers, condensers, etc. Magic Radio Co. 208,032; Jan. 19; Serial No. 218,820; published Sept. 22, 1925.

CLASS 22.

Coasters, Roller. Wortham Riding Device Company. 208,181; Jan. 19; Serial No. 204,990; published Nov. 3, 1925.
Fish bait, Prepared. Mosher & Lasher. 208,207; Jan. 19; Serial No. 219,676; published Nov. 3, 1925.
Picture outfits, Synthetic. W. D. Kilbourn. 208,178; Jan. 19; Serial No. 203,683; published Nov. 3, 1925.
Toy molds. Seiss Manufacturing Company. 208,104; Jan. 19; Serial No. 215,185; published Nov. 3, 1925.

CLASS 23.

Ejectors. United Injector Co. 50,632; renewed Mar. 27, 1926.

CLASS 26.

Drawing instruments. F. Weber Co. 208,063; Jan. 19; Serial No. 215,954; published Sept. 22, 1925.
Optical frames, lenses, and parts of ophthalmic mountings. M. Jacoby. 208,103; Jan. 19; Serial No. 215,694; published Nov. 3, 1925.
Thermostatic controls. Spencer Thermostat Company. 208,219; Jan. 19; Serial No. 219,150; published Nov. 3, 1925.

CLASS 29.

Brooms. American Stores Company. 208,201; Jan. 19; Serial No. 220,822; published Nov. 3, 1925.
Brooms. Amsterdam Broom Company. 208,189–90; Jan. 19; Serial Nos. 220,008–9; published Nov. 3, 1925.
Brooms. Amsterdam Broom Company. 208,191–3; Jan 19; Serial Nos. 220,011–13; published Nov. 3, 1925.
Brushes. New Mix Products, Inc. 208,188; Jan. 19; Serial No. 219,983; published Nov. 3, 1925.
Brushes, Rubber massage bath. Kase-Quinby Rubber Co. 208,238; Jan. 19; Serial No. 217,675; published Nov. 3, 1925.
Brushes, Tooth, hand, and hair. Geo. Borgfeldt & Co. 208,216; Jan. 19; Serial No. 219,323; published Nov. 3, 1925.

CLASS 31.

Filters. Pelco Auto Products, Inc. 208,037; Jan. 19; Serial No. 219,450; published Oct. 27, 1925.

CLASS 34.

Candle holders, Christmas-tree reflectors, Birthday-cake. N. D. Q. Specialty Corporation. 208,132; Jan. 19; Serial No. 217,476; published Oct. 20, 1925.
Stoves, Heating. Phillips & Butterff Mfg. Co. 208,114; Jan. 19; Serial No. 211,051; published Oct. 6, 1925.

CLASS 35.

Tire casings and inner tubes, lace boots, etc. V. V. Moore. 208,172; Jan. 19; Serial No. 185,486; published Mar. 3, 1925.

CLASS 39.

Coats and ladies' sweater coats. Joseph Engel & Co. 208,182; Jan. 19; Serial No. 205,591; published Jan. 27, 1925.
Coats and vests, sheepskin-lined coats and vests, etc., Sheepskin-fur. Robitshek, Schneider Co. 208,179; Jan. 19; Serial No. 183,944; published Oct. 21, 1924.
Coats, suits, dresses, capes, cloak, and fur neckpieces. Paristyle Garment Company. 208,154; Jan. 19; Serial No. 218,522; published Oct. 20, 1925.
Dresses. Joseph Engel & Co. 208,183; Jan. 19; Serial No. 205,592; published Feb. 10, 1925.
Gloves. C. D. Osborn Co. 208,112; Jan. 19; Serial No. 211,698; published Sept. 8, 1925.
Gloves and mittens. Joseph N. Eisendrath Company. 51,270; renewed Apr. 10, 1926.
Hosiery. Shriro Brothers, Inc. 208,214; Jan. 19; Serial No. 219,353; published Oct. 20, 1925.
Shoes. Mishawaka Rubber and Woolen Manufacturing Company. 208,233; Jan. 19; Serial No. 216,842; published Sept 1, 1925.
Suits and overcoats. J. L. Powers. 208,180; Jan. 19; Serial No. 204,115; published Oct. 20, 1925.
Underwear, hosiery, and dresses. Lang Knitting Mills, Inc. 208,237; Jan. 19; Serial No. 217,508; published Oct. 20, 1925.

CLASS 40.

Buttons and buckles. Bakelite Corporation. 208,057; Jan. 19; Serial No. 216,818; published Oct. 20, 1925.
Dress shields, collar bands, narrow elastic web, and bias tape. Omo Manufacturing Company. 208,131; Jan. 19; Serial No. 216,984; published Oct. 20, 1925.
Hairpins, Wire. De Long Hook and Eye Company. 208,176; Jan. 19; Serial No. 197,065; published Oct. 27, 1925.
Shoulder straps and fasteners therefor. Mary Countess of Limburg Stirum. 208,059; Jan. 19; Serial No. 216,738; published Oct. 20, 1925.
Trimmings in the piece, Dress. Marshall Field & Company. 208,053; Jan. 19; Serial No. 193,913; published Aug. 26, 1924.

CLASS 42.

Sheetings and drillings. Manville Jenckes Company. 208,014–15; Jan. 19; Serial Nos. 217,720–1; published Nov. 3, 1925.
Silk and cotton mixture fabric linings. Magid Bros. Silk Co. 208,027; Jan. 19; Serial No. 218,708; published Nov. 3, 1925.
Silk piece goods. Stehli Silks Corporation. 208,079; Jan. 19; Serial No. 205,373; published Nov. 3, 1925.
Silks and cottons for drapery cloth. Kent-Straus Company. 208,075; Jan. 19; Serial No. 201,963; published Nov. 3, 1925.
Silks in the piece. L. Bamberger & Company. 208,039; Jan. 19; Serial No. 219,521; published Nov. 3, 1925.
Worsted fabrics, Woven. William F. Read & Sons Co. 208,217; Jan. 19; Serial No. 219,304; published Oct. 27, 1925.

CLASS 45.

Beverage. Ponce de Leon Orange Mill Co. 208,212; Jan. 19; Serial No. 219,407; published Nov. 10, 1925.
Beverage and sirups for making the same. W. J. Schrader. 208,194; Jan. 19; Serial No. 220,147; published Nov. 10, 1925.
Beverage sold as a soft drink, Pineapple, Chresomales & Coronges. 208,211; Jan. 19; Serial No. 219,473; published Nov. 10, 1925.
Beverages. M. Kantor. 208,164; Jan. 19; Serial No. 218,976; published Nov. 3, 1925.
Beverages sold as soft drinks. B. Rios. 208,166; Jan. 19; Serial No. 219,045; published Nov. 3, 1925.
Beverages sold as soft drinks. Swedish Produce Co. 208,196; Jan. 19; Serial No. 220,260; published Nov. 10, 1925.
Beverages sold as soft drinks and sirups for making the same. Cliquot Club Company. 208,160–1; Jan. 19; Serial Nos. 218,735–6; published Nov. 3, 1925.
Lemonades, Sirups and essences for making. Naamlooze Vennootschap Distilleerderij, Likeurstokerij, Limonadeen Extractenfabriek Van C. Polak Gzn. 208,215; Jan. 19; Serial No. 219,296; published Nov. 3, 1925.
Mineral water. Eureka Springs Water Co. 46,314; renewed Sept. 12, 1925.
Sirup for making soft drinks. H. P. Koujales. 208,096; Jan. 19; Serial No. 215,794; published Nov. 3, 1925.

CLASS 46.

Apples, Fresh. Northwest Fruit Distributors. 208,091; Jan. 19; Serial No. 220,567; published Nov. 3, 1925.
Bread. D. P. Woolley. 208,074; Jan. 19; Serial No. 212,517; published Oct. 27, 1925.
Candies. Mason, Au & Magenheimer Confectionery Manufacturing Company. 208,050; Jan. 19; Serial No. 220,314; published Nov. 3, 1925.
Candy. P. Delaney. 208,100; Jan. 19; Serial No. 220,504; published Nov. 3, 1925.
Candy. Quaker City Choc. & Conf. Co. 208,094; Jan. 19; Serial No. 220,678; published Nov. 3, 1925.
Candy-bar goods. Chocolate Products Company. 208,102; Jan. 19; Serial No. 215,620; published Nov. 3, 1925.
Candy bars. G. Hankele. 208,051; Jan. 19; Serial No. 220,342; published Nov. 3, 1925.
Candy suckers. Straser Candy Company. 208,179; Jan. 19; Serial No. 203,845; published Nov. 3, 1925.
Canned and bottled vegetables, fruits, and berries. J. M. Paver Co. 208,197; Jan. 19; Serial No. 220,418; published Nov. 3, 1925.
Canned corn. Iowa Canning Co. 208,073; Jan. 19; Serial No. 213,576; published Nov. 3, 1925.
Canned corn. Lynchburg Canning Company. 208,115; Jan. 19; Serial No. 210,800; published Nov. 3, 1925.
Canned fish. Gatlin & Gatlin. 208,095; Jan. 19; Serial No. 220,519; published Nov. 3, 1925.
Canned fish. Gatlin & Gatlin. 208,101; Jan. 19; Serial No. 220,518; published Nov. 3, 1925.
Canned fruit, vegetables, and fish and dried fruit. E. L. Dawson & Company. 208,052; Jan. 19; Serial No. 220,503; published Nov. 3, 1925.
Canned fruits and vegetables. Isleton Canning Co. 208,092–3; Jan. 19; Serial Nos. 220,659–60; published Nov. 3, 1925.
Canned pears, corn, and tomatoes. McMahan & Leib Company. 208,047; Jan. 19; Serial No. 220,245; published Nov. 3, 1925.

Canned raspberries, blackberries, pears, and rhubarb, cold pack, etc. Puyallup & Sumner Fruit Growers Association. 208,195; Jan. 19; Serial No. 220,252; published Nov. 3, 1925.
Canned string beans. Tillman & Bendel, Inc. 208,229; Jan. 19; Serial No. 216,570; published Nov. 10, 1925.
Canned tomatoes and peaches. Food Products Co. 208,046; Jan. 19; Serial No. 220,119; published Nov. 3, 1925.
Celery, Fresh. Troutdale Celery Growers Union. 208,048; Jan. 19; Serial No. 220,264; published Nov. 3, 1925.
Chocolate. Naamlooze Vennootschap Hollandsche Cacaoen Chocoladefabrieken voorheen Bensdorp & Co. 208,040; Jan. 19; Serial No. 219,297; published Oct. 27, 1925.
Chocolate, cocoa, biscuits, caramels, and sweet meats. Fabbriche Di Cioccolato e Cacao Michele Talmone Societa Anonima. 208,016; Jan. 19; Serial No. 217,606; published Oct. 27, 1925.
Chocolates and bonbons. Nunnally Company. 208,186; Jan. 19; Serial No. 206,588; published May 12, 1925.
Chocolates, Soft-center cream. Weinreich-Schneider Company. 47,382; renewed Oct. 31, 1925.
Coffee. J. Aron & Company. 208,035–6; Jan. 19; Serial Nos. 219,515–16; published Nov. 3, 1925.
Coffee. J. Aron & Company. 208,044; Jan. 19; Serial No. 219,519; published Nov. 3, 1925.
Coffee. Karavan Coffee Company. 208,210; Jan. 19; Serial No. 219,488; published Nov. 10, 1925.
Coffee. San Antonio Coffee Co. 208,235; Jan. 19; Serial No. 216,942; published Nov. 3, 1925.
Coffee. Waples Platter Gro. Co. 208,168; Jan. 19; Serial No. 179,501; published Nov. 3, 1925.
Coffee, Imitation. A. Cornell. 208,171; Jan. 19; Serial No. 163,140; published Dec. 16, 1924.
Coffee substitute. American Stores Company. 208,090; Jan. 19; Serial No. 220,826; published Nov. 3, 1925.
Coffee, tea, cider, vinegar, and olive oil. R. Ribeiro. 208,236; Jan. 19; Serial No. 216,992; published Nov. 3, 1925.
Coffee, tea, cocoa, etc. Weyer-Elbert Co. 208,017; Jan. 19; Serial No. 216,754; published Oct. 27, 1925.
Confections, Candy. S. Pessin. 208,049; Jan. 19; Serial No. 220,294; published Nov. 3, 1925.
Corn flakes. Patent Cereals Company. 208,082; Jan. 19; Serial No. 212,346; published Oct. 27, 1925.
Malt extract. G. H. Wetternu & Sons Grocer Co. 208,071; Jan. 19; Serial No. 215,723; published Oct. 27, 1925.
Malt sirup. Grocers Supply Co. 208,023; Jan. 19; Serial No. 218,482; published Oct. 27, 1925.
Marchpane. Mabio-Werke G. m. b. H. 208,113; Jan. 19; Serial No. 211,173; published Nov. 3, 1925.
Mayonnaise and salad dressing. May Pro Company. 208,013; Jan. 19; Serial No. 217,723; published Oct. 27, 1925.
Oleomargarine. John F. Jelke Company. 208,184; Jan. 19; Serial No. 207,365; published Oct. 20, 1925.
Oleomargarine. John F. Jelke Company. 208,185; Jan. 19; Serial No. 207,378; published Oct. 20, 1925.
Peanuts, almonds, dates, and date bars. Capitol Candied Nuts, Inc. 208,060; Jan. 19; Serial No. 216,454; published Oct. 13, 1925.
Preserves, tomato catchup, salad dressing, etc., Fruit. W. Blakeman. 208,070; Jan. 19; Serial No. 216,581; published Oct. 27, 1925.
Raisins, Dry. Harry Arakelian & Son. 208,033; Jan. 19; Serial No. 219,105; published Nov. 3, 1925.
Sauces and salad dressings, Condimental. Price Flavoring Extract Company. 208,020; Jan. 19; Serial No. 218,080; published Oct. 27, 1925.
Tea. Lehn & Fink, Inc. 208,117; Jan. 19; Serial No. 210,467; published Nov. 3, 1925.

CLASS 48.

Beverage, Cereal malt. New England Brewing Co. 208,231–2; Jan. 19; Serial Nos. 216,689–90; published Nov. 3, 1925.
Beverage, Malt. Gottfried Krueger Brewing Co. 208,234; Jan. 19; Serial No. 216,918; published Nov. 3, 1925.

ALPHABETICAL LIST OF LABELS.

All Weather Pneumatic Vent Gasket. For Vent Gaskets for Use on Automobiles. Metal Products Company. 29,811; Jan. 19.
Altura. For Fresh Oranges. Rialto Heights Association. 29,820; Jan. 19.
Always the Same—Always Good. For Coffee. Dayton Spice Mills Company. 29,774; Jan. 19.
B. D. C. Black Label. For Whisky for Medicinal Purposes. Baltimore Distilling Co. of Baltimore, Md. 29,763; Jan. 19.
Baden Crystals. For a Crystal Combination for Use in the Bath as a Treatment for the Relief and Prevention of Rheumatism. Baden Laboratories, Inc. 29,760; Jan. 19.
Big 7 Wonder Loaf. For Bread. Seven Baker Brothers. 29,727; Jan. 19.
Big Valley. For Butter. Menasha Printing and Carton Company. 29,810; Jan. 19.
Blue Ribbon Figs, Pressed Pack. For Dried Figs. California Peach & Fig Growers Association. 29,768; Jan. 19.
Blue Seal Malt Extract. For Malt Extract. Gold Medal Products Co. 29,784; Jan. 19.
Bruning's Horse Radish. For Horse-Radish. C. A. Bruning. 29,766; Jan. 19.
Butterscotch Tootsie Rolls. For Candy. Sweets Company of America, Incorporated. 29,830; Jan. 19.
California Blend Pure California Fruit Juice. For Pure Fruit Juices. United States Pure Food Corporation. 29,832; Jan. 19.
Camel Brand. For a Malt and Hop Extract. F. L. Brzoska. 29,767; Jan. 19.
Cantan. For Whisky. Baltimore Distilling Co. 29,761–2; Jan. 19.
Chime-Like Tone. For Radioreceivers. Carillon Radio Co. 29,769; Jan. 19.
Choc-O-Lac. For Chocolate Sirup. Blumas Choc-O-Lac Co. 29,765; Jan. 19.
Crimson Crane. For Fresh Oranges. Rialto Heights Association. 29,819; Jan. 19.
Dent-O-Lava. For Mouth Wash. A. K. Dellarowe. 29,775; Jan. 19.
Denton's Pain-Ez-Er Hot-Drops Kramp Killur for a Medicinal Preparation. P. D. Denton. 29,776; Jan. 19.
Diamond Finish. For Furniture Polish. G. A. Sevde. 29,826; Jan. 19.
Dr. Schaeffer's Axial Intra-Foramen Spino-Spacer. For Medical and Surgical Appliances for Adjusting the Vertebral Column of Living Vertebrate Beings. L. Schaeffer. 29,825; Jan. 19.
Dropnot bib. For Bibs. R. C. Melvin. 29,808; Jan. 19.
Electra for Rheumatism. For Medicinal Preparation. E. Z. Anderton. 29,759; Jan. 19.
Frisch Process. For Bread. E. Frisch. 29,780–1; Jan. 19.
Fruit-Melange. For a Filling for Pastries, Cakes, Tarts, Layers, Etc. A. J. Mainzer, Inc. 29,798; Jan. 19.
Grigsby's Greece. For Salve. C. E. Grigsby. 29,787; Jan. 19.
Gold Medal Enamel. For Enamel. L. Wetchler & Sons. 29,833; Jan. 19.
Gold Medal Quality Malt Syrup. For Malt Sirup. Gold Medal Products Co. 29,785; Jan. 19.
Handy Craft Modern Genie. For Mechanical-Toy Construction Units. Hart & Cooley Company. 29,788; Jan. 19.
Hollywood Brand Early June Peas. For Canned Peas. Oscar Mayer & Co. 29,800; Jan. 19.
Hollywood Brand Sweet Corn. For Canned Corn. Oscar Mayer & Co. 29,807; Jan. 19.
Hollywood Brand Tomatoes. For Canned Tomatoes. Oscar Mayer & Co. 29,806; Jan. 19.
Home Made Bread. For Bread. Preston E. Roberts, Inc. 29,822; Jan. 19.
Hug-Me-Tite Tire Patch. For Tire Patches. C. J. Livengood. 29,797; Jan. 19.
Husky bar made for the Huskies Hart to Beat Them 10¢. For Candy. W. E. Humprey Co. 29,793; Jan. 19.
Ibex. For Oranges. Rivera Fruit Association. 29,821; Jan. 19.
Jackson-Cap. For Root Beer. Jackson Brewing Company. 29,794; Jan. 19.
Kiddo, The Great Kidney and Backache Remedy. For a Medicinal Preparation. F. S. Duffy Medicine Co. 29,778; Jan. 19.
La Ferlita. For Cigars, Cigarettes, Smoking Tobacco, and Chewing Tobacco. J. Ferlita. 29,779; Jan. 19.
Lance Cough Drops. For Cough Drops. Sweets Company of America, Incorporated. 29,829; Jan. 19.
La Tosca. For Perfumes. R. D. Wolfe. 29,835; Jan. 19.
Leopard. For Matches. Lion Match Co. 29,796; Jan. 19.
Libby's Milk. For Evaporated Milk. Libby, McNeill & Libby. 29,795; Jan. 19.
Licorice Bricks. For Candy. American Licorice Co. 29,757; Jan. 19.
Lunch-In-Loaf. For Bread. Des Moines Bakery Co. 29,777; Jan. 19.
Madrid Cake Mix. For Cake Mix. E. M. Mathiessen. 29,799; Jan. 19.
Master's Original Window Cleaner. For a Fluid for Cleaning Glass. H. Reuter. 29,818; Jan. 19.
Melo-Cream Malt Extract. For Malt Exract. E. S. Cluever. 29,770; Jan. 19.
Meyer Engineering Co. For Meyer Geared Cyclone Fans. Meyer Engineering Company. 29,812; Jan. 19.
Natural Wave Curler. For Curler for Producing a Wave in Natural Hair. Natural Wave Curler Mfg. Co. 29,813; Jan. 19.

ALPHABETICAL LIST OF LABELS.

No-Cook Barley Malt Syrup. For Barley-Malt Sirup. Gold Medal Products Co. 29,783; Jan. 19.
O-III-O Die Steel. For Steel Plates, Sheets, and Bars. Colonial Steel Company. 29,772; Jan. 19.
Old Colony Club. For Whisky for Medicinal Purposes. Baltimore Distilling Co., Baltimore, Md. 29,764; Jan. 19.
$1,000.00 Guaranteed Ozo Waste Pipe Opener. For a Waste-Pipe, Sink, and Drain Solvent and Opener. B. Heller & Company. 29,791; Jan. 19.
Oscar Mayer's Beans With Pork. For Canned Pork and Beans. Oscar Mayer & Co. 29,804; Jan. 19.
Oscar Mayer's Selected Tomatoes. For Canned Tomatoes. Oscar Mayer & Co. 29,802; Jan. 19.
Oscar Mayer's Sweet Corn. For Canned Corn. Oscar Mayer & Co. 29,805; Jan. 19.
Prattlow. For Canned Muscat Grapes. Pratt-Low Preserving Company. 29,814; Jan. 19.
Prattlow #1. For Canned Green Gage Plums. Pratt-Low Preserving Company. 29,815; Jan. 19.
Prattlow #2. For Canned Yellow Free Peaches. Pratt-Low Preserving Company. 29,816; Jan. 19.
Prattlow #3. For Canned Egg Plums. Pratt-Low Preserving Company. 29,817; Jan. 19.
Primrose Woven Hkfs. For Handkerchiefs. A. P. Wilkes. 29,834; Jan. 19.
Quality Inn. For Rice. Sorver, McEvoy & Co. 29,828; Jan. 19.
Readicracked. For Cracked and Screened Pecans. Horn Seed Co. 29,792; Jan. 19.
Silver Brook Creamery Butter. For Butter. Menasha Printing and Carton Company. 29,809; Jan. 19.
Slumber Toys. For Flannel Toys. B. Gregg. 29,786; Jan. 19.
Strongstitch Sole Sewing Thread. For Thread. Hayne-Surridge Company. 29,790; Jan. 19.
Stuss The Cream of Creams. For Cream of Creams, a Toilet Preparation. R. Coe. 29,771; Jan. 19.
Sun-Gold. For Fresh Dates. Date Corporation of America. 29,773; Jan. 19.
Taj Mahal Tea, Choicest Darjeeling. For Darjeeling Tea. S. & G. Guinp Company. 29,823; Jan. 19.
Tank Brand. For Kerosene. Gilmore Oil Company. 29,782; Jan. 19.
The Dollar Box, Silver Film White Tissue. For Toilet Tissue Paper. American Toilet Paper Company. 29,758; Jan. 19.
Tic-Toc. For a Preparation for Washing Dishes, Clothes, Glassware, for Softening Water, for Bleaching and Sterilizing, and Many Other Uses. P. C. Tomson & Company. 29,831; Jan. 19.
12 Sets of Handy Craft, The Magical Toy for Boys. For Mechanical Toy Construction Units. Hart & Cooley Company. 29,789; Jan. 19.
Windsor Brand Early June Peas. For Canned Peas. Oscar Mayer & Co. 29,803; Jan. 19.
Windsor Brand Tomatoes. For Canned Tomatoes. Oscar Mayer & Co. 29,801; Jan. 19.
Winsome. For Bread. Saniwax Paper Co. 29,824; Jan. 19.

ALPHABETICAL LIST OF PRINTS.

A Message to Dealers. For Smokador Ashless Ashstand. Smokador Mfg. Co. 8,518; Jan. 19.
An Appeal to Mothers. For Wheat Breakfast Food. Cream of Wheat Co. 8,507; Jan. 19.
Balzac, the Great French Writer, Got Inspirations from Coffee. For Coffee. Jas. H. Forbes Tea & Coffee Co. 8,511; Jan. 19.
Better Clothes. For Wearing Apparel. English Woolen Co. 8,509; Jan. 19.
Foods and Ingredients of Foods. For Foods and Ingredients of Foods. Granger & Co. 8,515; Jan. 19.
Frank O. Lowden Gives His First Rule for Keeping Fit. For Wheat Breakfast Food. Cream of Wheat Co. 8,504; Jan. 19.
Free to Teachers, Nurses, Dieticians Our New Wall Diet Chart. For Wheat Breakfast. Cream of Wheat Co. 8,505; Jan. 19.
General Grant Got Much Solace From His Coffee. For Coffee. Jas. H. Forbes Tea & Coffee Co. 8,512; Jan. 19.
Good Work—Good Material And A Fair Square Price—Bring In Your Old Shoes for Repair—We Use Good—Wingfoot—Year Wingfoot Soles and Heels. For Soles and Heels for Boots and Shoes Composed Wholly or in Part of Rubber. Goodyear Tire & Rubber Company. 8,514; Jan. 19.
Hollywood Dollies Theatre. For Hollywood Dollies. Hollywood Dollies, Inc. 8,516; Jan. 19.
Hootsie Tootsie. For Candy. Sweets Company of America, Incorporated. 8,521; Jan. 19.
In High Gear Every Minute This is Why Authorities Urge a Hot Cereal Breakfast for Children. For Wheat Breakfast Food. Cream of Wheat Co. 8,506; Jan. 19.
Lo Más Moderno en Máquinas de Coser. For Sewing Motors and Sewing Lights. Singer Manufacturing Company. 8,517; Jan. 19.
Since the Days of Frills and Quills. For Pillows. Chas. Emmerich & Co. 8,508; Jan. 19.
Stepping ahead. For Cottonseed. Summerour & Son. 8,520; Jan. 19.
The Film of Protection for Boilers. For Boiler-Cleaning Compound. Garratt-Callahan Co. 8,513; Jan. 19.
The Simple Solution. For Boiler Treating Powder. Vinco Company, Inc. 8,523; Jan. 19.
The Surest Way to Get Quality in Coffee. For Coffee. Sorver, McEvoy & Co. 8,519; Jan. 19.
The Voice of a Gentleman's Car. For Electric Horns. Robert Bosch Magneto Company. 8,503; Jan. 19.
Truscon Ferrodeck. For Insulated and Waterproofed Roofing. Truscon Steel Company. 8,522; Jan. 19.
When Lincoln Boarded with Mrs. Rutledge. For Coffee. Jas. H. Forbes Tea & Coffee Co. 8,510; Jan. 19.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal, Bituminous. M. A. Hanna Coal & Dock Company. 221,367; Jan. 19.
Coal, carbonized fuel, and coke. J. P. Burton Coal Company. 222,061–2; Jan. 19.
Plants, trees, and flowers, Ornamental. Reasoner Brothers' Royal Palm Nurseries. 215,023; Jan. 19.
Rosin. Progressive Musical Instrument Corporation. 223,328; Jan. 19.
Sand and gravel. Union Sand & Gravel Co. 223,753; Jan. 19.
Seeds. J. F. O'Keefe. 223,800; Jan. 19.
Seeds, Grass. Albert Dickinson Company. 221,243; Jan. 19.

CLASS 2.

Boxes, vacuum bottles, vacuum food jars, etc., Lunch. Manning, Bowman & Co. 206,179; Jan. 19.
Cups, Paper. Vortex Mfg. Co. 206,985; Jan. 19.

CLASS 3.

Trunks, Wardrobe. Hartmann Trunk Company. 205,753; Jan. 19.

CLASS 5.

Cement, Adhesive mending. V. F. Van Stan. 208,791; Jan. 19.

CLASS 6.

Ammonia and bluing. American Stores Company. 220,831; Jan. 19.
Bath essence, bath tablets, and bath powder. Hugo Duschner G. m. b. H. 219,669; Jan. 19.
Blue, Bearing. H. C. Thompson. 205,250; Jan. 19.
Cream, compact, face powder, toilet water, etc., Package containing cold. Colgate & Company. 220,703; Jan. 19.
Cream, face powder, rouge, etc., Cold. Remova Laboratories, Inc. 220,142; Jan. 19.
Creams, hand lotions, face powder, and toilet water, Face. M. Sarnes. 221,569; Jan. 19.
Glycerin, Radiator. James S. Kirk & Company. 223,122; Jan. 19.
Hair tonic. Curly-Cue Laboratories. 222,783; Jan. 19.
Laxative, Vegetable compound used internally as a. W. M. Walter. 218,224; Jan. 19.
Liniment. Dr. Peter Fahrney & Sons Co. 218,109–16; Jan. 19.
Medical preparation. B. M. Overton Mfg. Co. 221,563; Jan. 19.
Medicine for indigestion, constipation, kidney and stomach ailments. A. R. Daumi. 222,918; Jan. 19.
Medicine, Rheumatism. C. Quong. 222,799; Jan. 19.
Preparation for the destruction of vermin and insects. Rigo Manufacturing Company. 223,189; Jan. 19.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Preparation used in the treatment of ailments peculiar to women. Dr. Peter Fahrney & Sons Co. 218,117; Jan. 19.
Preventives, fungicides, and insecticides, Plant. Actien-Gesellschaft für Anilin-Fabrikation. 210,992; Jan. 19.
Remedy, Dandruff. G. W. Noonan. 223,101; Jan. 19.
Salve, Healing. Prion and Prion. 222,578; Jan. 19.

CLASS 11.

Ink, Copying. J. J. Groetken. 220,846; Jan. 19.
Inks, Writing. Cross-Fanning Manufacturing Company. 220,336; Jan. 19.

CLASS 12.

Asbestos fiber and covering. Beldam Packing & Rubber Company Limited. 215,963; Jan. 19.
Brick, Fire. Perolin Company of America. 204,866; Jan. 19.
Bricks. Streator Brick Company. 223,262; Jan. 19.
Cements, Refractory. Carborundum Company. 223,284; Jan. 19.
Insulating materials for buildings, Heat. Johns-Manville, Incorporated. 205,483; Jan. 19.
Tiles, tile door frames, etc. Grueby Faience and Tile Company. 222,675; Jan. 19.
Tiles, tile door frames, etc. C. Pardee Works. 222,793; Jan. 19.

CLASS 13.

Pots, teakettles, pans, waffle irons, etc. Wagner Manufacturing Company. 223,147; Jan. 19.
Traps, Steam. W. B. Connor Co. 220,842; Jan. 19.

CLASS 15.

Oils, Filter-media. Spray Engineering Company. 222,963; Jan. 19.
Oils, Lubricating. Rigo Manufacturing Company. 223,190; Jan. 19.

CLASS 16.

Paint oil, paint for metals and cement, transparent and colored waterproofing paint. J. L. Schmitt. 222,707; Jan. 19.
Paints and paint enamels, Liquid. Benjamin Moore & Co. 223,890; Jan. 19.
Polish, Automobile and furniture. G. H. Irvine. 203,821; Jan. 19.
Polish, Automobile and furniture. C. E. Wehe. 221,038; Jan. 19.

CLASS 17.

Tobacco, Smoking and chewing. S. Jaggers. 214,550; Jan. 19.

CLASS 19.

Headlights, Deflector shield for automobile. Nofiat Company. 221,560; Jan. 19.
Vehicle hub caps. Chrysler Sales Corporation. 223,686; Jan. 19.

CLASS 21.

B batteries, also A batteries, loud-speaker horns, phones, etc. Friedlander-Kopple Radio Service. 211,263; Jan. 19.
Electrical insulation. Bentley Harris Mfg. Co. 219,612; Jan. 19.
Lamp, Combination electric radiocabinet, shade and table. H. B. Durinick. 214,859; Jan. 19.
Lamp, Electric trouble. Comprex Oscillator Corp. 221,808; Jan. 19.
Potentiometers and rheostats. Pilot Electric Manufacturing Company. 220,035; Jan. 19.
Radiocondensers, radio receiving sets, aerial equipment, etc. Electrical Research Laboratories, Inc. 223,698; Jan. 19.
Radio receiving apparatus and parts thereof. Veby Radio Co. 221,392; Jan. 19.
Radio receiving sets. Argus Radio Corporation. 211,965; Jan. 19.
Radio receiving sets. Gimbel Brothers, Inc. 223,472; Jan. 19.
Radio receiving sets. Gimbel Brothers, Inc. 223,474; Jan. 19.
Radio receiving sets. Stewart-Warner Speedometer Corporation. 212,158; Jan. 19.
Radiotransformers. Ford Radio & Mica Corporation. 221,813; Jan. 19.
Resistance elements. Pilot Electric Manufacturing Company. 218,774–5; Jan. 19.
Rubber bands and tape and insulating compounds. Kaupy & Schönmann, Kabel-Isolierband- und Gummiwarenerzeugung "Durabit." 204,662; Jan. 19.
Spark plugs. Primo Spark Plug Company. 223,603; Jan. 19.
Telephone plugs, rheostats, switches, etc. Howard Radio Company. 221,611; Jan. 19.
Transformers. Liberty Transformer Co. 221,555; Jan. 19.

CLASS 22.

Toy locomotives, parts of toy locomotives, and sets of toy-locomotives parts. M. Forchheimer. 223,381; Jan. 19.
Toy vehicles. C. Higgins. 221,898; Jan. 19.

CLASS 23.

Chisels, punches, drills, etc. Plomb Tool Company. 220,918; Jan. 19.
Magazine lubricating devices. C. T. Myers. 222,336; Jan. 19.
Plows and plow parts. Collins Company. 222,442; Jan. 19.
Pulleys. American Belting & Hose Co. 210,030; Jan. 19.
Pumping equipment, water systems, and soft-water generators. Fort Wayne Engineering & Manufacturing Company. 221,890; Jan. 19.
Wax distributor and floor polisher. Peerless Products Company. 215,092; Jan. 19.

CLASS 24.

Clothes-washing machines and combined clothes-washing machines and wringers. Trayway Mfg. Co. 221,937; Jan. 19.
Laundry nets. Tingue, Brown & Co. 184,002; Jan. 19.

CLASS 27.

Watch and clocks cases, movements, dials, and parts thereof. N. M. Morris. 223,317; Jan. 19.
Watches, watchcases, watch movements, and parts thereof. H. G. Kaufman. 221,707; Jan. 19.

CLASS 28.

Jewelry and purses. Lippmann, Spier & Hahn. 223,851; Jan. 19.
Rings, Finger. Bolotin & Sheinin. 222,303; Jan. 19.
Rings, Finger. Stern & Stern, Inc. 222,288; Jan. 19.

CLASS 34.

Fuel-oil burners and stoves. F. Schroyer. 222,344; Jan. 19.
Gas stoves and furnaces. Mixing arm and combination nozzle for. L. H. Geurink. 187,738; Jan. 19.
Oil burners. National Surfo Burner Corporation. 221,765; Jan. 19.
Ventilators. W. R. Poetsch. 223,486; Jan. 19.

CLASS 35.

Packing, Machinery. Westinghouse Air Brake Company. 223,264; Jan. 19.
Tires and tubes, Patches for pneumatic. R. F. Reeve. 220,140; Jan. 19.

CLASS 36.

Musical instruments, Stringed. Henry Stadlmair Co. 218,505; Jan. 19.
Organs, Mouth. Ands. Koch A.-G. 203,997; Jan. 19.
Pianos and player pianos. Autopiano Company. 221,680; Jan. 19.
Pianos, grand pianos, and player pianos. Rudolph Wurlitzer Co. 220,382; Jan. 19.
Styluses for use with phonographic apparatus. W. H. Bagshaw Co. 222,493; Jan. 19.

CLASS 37.

Paper, Waxed. Automatic Paper Machinery Company. 222,299; Jan. 19.
Pencils. Joseph Dixon Crucible Company. 224,097; Jan. 19.

CLASS 38.

Cartoons in newspaper publications. W. C. Quinn. 223,410; Jan. 19.
House organ issued monthly. Keystone Grocery & Tea Co. 223,849; Jan. 19.
Magazine, Annual. G. M. MacDonough. 224,256; Jan. 19.
Magazine, Monthly. Plumbers Trade Journal Publishing Co. 224,149; Jan. 19.
Magazine, Weekly. Modern Publications, Inc. 224,415; Jan. 19.
Magazines. Concrete Publishing Company. 223,688; Jan. 19.
Periodical. R. Phillips. 224,572; Jan. 19.
Periodical, Weekly. La Guardia Publishing Co. 224,609; Jan. 19.
Periodical, Weekly. E. Rose. 223,660; Jan. 19.

CLASS 39.

Belts. A. Stein & Company. 214,514; Jan. 19.
Belts, Apparel. M. Kline. 204,267; Jan. 19.
Boots, shoes, and slippers. Scholl Manufacturing Company. 206,087; Jan. 19.
Corsets, girdles, and brassières. E. B. Koch. 224,250; Jan. 19.
Gloves. Kaufmann Department Stores, Inc. 224,284; Jan. 19.
Hats and caps, Men's and boys'. Kaufmann Department Stores, Inc. 223,304; Jan. 19.
Hats, Men's. Murphy-Gorman Company. 220,667; Jan. 19.
Shoes. Herold-Bertsch Shoe Company. 221,962; Jan. 19.
Shoes. A. Mellinkoff. 223,132; Jan. 19.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Shoes. Plant Bros. & Co. 218,930; Jan. 19.
Shoes. Sportocasin Co. 224,433; Jan. 19.
Shoes, Leather. H. W. Merriam Shoe Company. 222,472; Jan. 19.

CLASS 40.

Pins, needles, bodkins, etc. Jas. Smith & Son, Redditch Limited. 217,185; Jan. 19.

CLASS 46.

Alimentary paste products. Golden Gate Macaroni & Paste Factory. 223,638; Jan. 19.
Apples, Fresh. Earl Fruit Company. 223,221; Jan. 19.
Apples, Fresh. Sterling-Slater Fruit Company. 223,057; Jan. 19.
Bread and wheat germ flour and mixed flour containing wheat germs. Keyes Daren Mills Ltd. 203,957; Jan. 19.
Candy. Candy Products Company. 223,368; Jan. 19.
Candy. G. & W. Heller. 207,869; Jan. 19.
Canned salmon. McGovern & McGovern. 224,342; Jan. 19.
Canned salmon, fruits, and vegetables. Seufert Brothers Company. 224,429; Jan. 19.
Chickens, Live. Peters-Certified Poultry, Inc. 222,871; Jan. 19.
Chocolate bar. Hershey Chocolate Company. 223,784; Jan. 19.
Coffee. John H. Wilkins Co. 224,369; Jan. 19.
Coffee, pancake and pastry flour, cereal breakfast food, evaporated milk, flavoring extracts, etc. Durand-McNeil-Horner Co. 191,822; Jan. 19.
Corn meal, corn and oats feed, self-rising pancake flour, etc. White & Sons. 211,314; Jan. 19.
Flour, Wheat. Saxony Mills. 220,922; Jan. 19.
Grapes, Fresh. Wright & Hughson. 221,652; Jan. 19.
Gum, Chewing. American Chicle Company. 223,073; Jan. 19.
Meal, Chick. B. K. Feed Mills. 216,770; Jan. 19.
Milk, Sweetened condensed. D. L. Sterling & Sons, Inc. 223,810; Jan. 19.
Peaches, plums, nectarines, and grapes, Fresh. Thomas & Horn. 220,096; Jan. 19.
Sirup, Food. W. B. Roddenbery. 223,414; Jan. 19.
Sirup, Malt. Bay City Milling Company. 222,813; Jan. 19.
Sirup, Malt. Elco Distributing Co. 223,697; Jan. 19.

CLASS 50.

Flags and banners. De Grauw, Aymar & Company. 222,785; Jan. 19.
Leather or coated cotton fabric, Artificial. C. R. Whiting Co. 221,863; Jan. 19.
Tents, cap stakes, tent poles, etc., Umbrella and wall. J. K. Porter. 223,743; Jan. 19.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 19TH DAY OF JANUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

A. W. Cash Company. (See Terry, Charles M., assignor.)
Abbema, John F. (See Crawford, P. H., and Abbema.)
Abel, Walter T., assignor to The Patent Button Company, Waterbury, Conn. Making one-piece metal buttons. 1,570,324; Jan. 19.
Abraham, Adolf, Charlottenberg, Germany. Water-power engine for utilizing low-grade water powers. 1,570,421; Jan. 19.
Acheson, George W., Caldwell, N. J. Treating bituminous substances. 1,570,193; Jan. 19.
Adams, Arthur H., Lakeville, Conn. Indoor golf game. 1,570,422; Jan. 19.
Adamson, Frank E., Greenville, Ill. Fountain pen. 1,570,026; Jan. 19.
Aeromarine Plane & Motor Company. (See Chilton, Roland, assignor.)
Affel, Herman A., Brooklyn, N. Y., and L. M. Ilgenfritz, Orange, N. J., assignors to American Telephone and Telegraph Company. Method and apparatus for neutralizing radiointerference on wire lines. 1,569,905; Jan. 19.
Aktiebolaget Bofors. (See Svensson, S. H., and Engkvist, assignors.)
Aktiebolaget Pharmacia. (See Flodquist, L., and Blomquist, assignors.)
Allen, John M., Toronto, Ontario, Canada. Making hosiery. 1,570,027; Jan. 19.
Allen, Victor M., Waverly, N. Y. Automatic window ventilator. 1,569,847; Jan. 19.
Allendorf, Friedrich, Frankfort-on-the-Main, Germany, assignor to J. Rosenberg, New York, N. Y. Fuel gasifier for kitchen ranges and the like. 1,570,325; Jan. 19.
Altorfer Bros. Company. (See Altorfer, Alpheus W., Company, East Peoria, Ill. Wringer. 1,570,545; Jan. 19.
Altorfer Bros. Company. (See Altorfer, Alpheus W., assignor.)
Aluminum Company of America. (See Salisbury, Robert F., assignor.)
Ambler, George B., assignor to F. A. Whitney Carriage Company, Leominster, Mass. Automatic stop for looms. 1,570,454; Jan. 19.
American Radiator Company. (See Mallory, Harry C., assignor.)
American Steel and Wire Company, The. (See Farb, Carl A., assignor.)
American Telephone and Telegraph Company. (See Affel, H. A., and Ilgenfritz, assignors.)
American Telephone and Telegraph Company. (See Land, Edmund, assignor.)
American Telephone and Telegraph Company. (See Newby, Neal D., assignor.)
American Telephone and Telegraph Company. (See Toomey, John F., assignor.)
American Telephone and Telegraph Company. (See Vernam, G. S., and Watson, assignors.)
Amies, Joseph H., Philadelphia, Pa. Paving composition. 1,570,028; Jan. 19.
Andel, Frank J., Cleveland, Ohio. Brake-equalizing attachment for automobiles. 1,570,221; Jan. 19.
Anderberg, William A. (See Ljungberg, L. R., and Anderberg.)
Andresen, John H., Glen Rock, N. J. Washing machine. 1,570,423; Jan. 19.
Angell, Robert H., et al. (See Hacker, Owen E., assignor.)
Anthony, Thomas P., Edgewater Park, assignor to United States Cast Iron Pipe & Foundry Company, Burlington, N. J. Grinding and polishing machine. 1,569,940; Jan. 19.
Appleby, William H., assignor of one-fourth to R. Rodd, Windsor, Ontario, Canada. Vehicular toy. 1,570,546; Jan. 19.
Art Metal Construction Company. (See Ljungeberg, L. A., and Anderberg, assignors.)
Atkin, Samuel T., Georgetown, Tex. Wick trimmer. 1,570,194; Jan. 19.
Atkin, William R. (See McCandlish, D., and Atkin.)
Ausdal, George, Marshalltown, Iowa. Door latch. 1,570,195; Jan. 19.
Automatic Electric Company. (See Wicks, John, assignor.)
Aveling, Christiaan W., assignor to J. Aveling, Lockport, Ill. Hoisting machinery. 1,569,846; Jan. 19.
Aveling, Julia. (See Aveling, Christiaan W., assignor.)
Avera, Arch U., Florence, Ala. Tractor. 1,570,547; Jan. 19.
Baehr, Charles, Le Locle, Switzerland. Tin-can opener. 1,569,906; Jan. 19.
Baird, James W., Beeville, Tex. Cotton blocker or chopper. 1,570,118; Jan. 19.
Bakalyar, Stephen A., Des Moines, Iowa. Pen and pencil holder. 1,570,425; Jan. 19.
Baker-Perkins Company. (See Gase, Eugene, assignor.)
Baker-Perkins Company. (See Gase, Eugene J., assignor.)
Balch, Samuel W., Montclair, N. J. Sundial. 1,570,029; Jan. 19.
Balch, Samuel W., Montclair, N. J. Automatic telephone calling transmitter. 1,570,030; Jan. 19.
Baldner, Jacob, Xenia, Ohio. Grease-dispensing device. 1,570,031; Jan. 19.
Baldner, Jacob, Xenia, Ohio. Grease-dispensing apparatus. 1,570,032; Jan. 19.
Baldwin Locomotive Works, The. (See Elliott, Edward O., assignor.)
Baldwin Locomotive Works, The. (See Glaenzer, H., and Keen, assignors.)
Baltrusch, Wilhelm, Elberfeld, Germany. Pocket lighter. 1,569,941; Jan. 19.
Bangs, Ralph C., Providence, R. I. Combined hand-bag frame and vanity case. 1,570,326; Jan. 19.
Banks, John N., assignor to Linotype and Machinery Limited, London, England. Means for use in the photographic production of typographical printing surfaces. 1,570,424; Jan. 19.
Banner, Robert J., Youngstown, Ohio. Bearing or bearing liner. 1,570,033; Jan. 19.
Barascud, Louis A. M., Paris, France. Railway-air-brake control valve. 1,570,426; Jan. 19.
Barber, Howard M., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Inking mechanism for printing presses. 1,570,293; Jan. 19.
Barley, Joseph C., York, Pa. Storm-type shingle clamp. 1,570,222; Jan. 19.
Barnhill, Josephine M., assignor to F. A. Brinkman, San Francisco, Calif. Reversible hat. 1,569,942; Jan. 19.
Barrett Blue Blaze Burner Co. (See Barrett, James J., assignor.)
Barrett, James J., White Plains, N. Y., assignor to Barrett Blue Blaze Burner Co., Inc. Oil-burning apparatus. 1,570,327; Jan. 19.
Barron, Louis, Port Chester, N. Y. Folding garment hanger. 1,570,196; Jan. 19.
Bartram, George C., Freeport, assignor to George C. Bartram, Inc., Buffalo, N. Y. Pipe joint. 1,570,223; Jan. 19.
Bartram, George C., Inc. (See Bartram, George C., assignor.)
Bassett, Harry H., Flint, Mich. Instrument-case bezel. Des. 69,247; Jan. 19.
Bauchert, Mahlon F., El Paso, Tex. Hypodermic syringe. 1,569,961; Jan. 19.
Baumgart, Emil, Falkenberg, Germany. Sterile preservation of dosed medicaments and of their solvents. 1,570,328; Jan. 19.
Bayardi Bros. Inc. (See Bayardi, Ettore E., assignor.)
Bayardi, Ettore E., assignor to Bayardi Bros. Inc., Chicago, Ill. Finger ring. Des. 69,248; Jan. 19.
Bayersdorfer, H., & Co. (See Walsh, John W.)
Bayersdorfer, Harry, et al. (See Walsh, John W., assignor.)
Bayersdorfer, Sydney H., et al. (See Walsh, John W., assignor.)
Bayler, Louis H., Los Angeles, Calif. Valve-spring lifter. 1,570,224; Jan. 19.
Baxter, William M., assignor to Ideal Removable Body Company, Chicago, Ill. Removable-body truck. 1,570,119; Jan. 19.
Beard, William E., Buckner, Mo. Safety signal. 1,569,907; Jan. 19.
Beaumont, R. H., Company. (See Hale, William E., assignor.)
Becher, Harold M., Brooklyn, N. Y. Dyed fur. Des. 69,249; Jan. 19.
Becker-Seidel Company, The. (See Seidel, Albin, assignor.)
Beckwith, Edward S., Albion, Nebr. All-around halter. 1,570,225; Jan. 19.
Becvar, John O., Brookfield, Ill. Sash fastener. 1,570,034; Jan. 19.

Beecher, Edward E., Brooklyn, N. Y. Railway crossing gate. 1,569,908; Jan. 19.
Bendelari, Mary É., Paris, France. Ornamentation of Leather. 1,570,329; Jan. 19.
Benjamin Electric Manufacturing Company. (See Sanders, Albert D., jr., assignor.)
Benner, Harry P. (See Egloff, G., and Benner.)
Bennett, Arthur F., Richmond Hill, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone device. 1,570,120; Jan. 19.
Bennington, Earl T., Cleveland Heights, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Drop track section. 1,570,085; Jan. 19.
Berge, David, Trondhjem, Norway. Profilograph. 1,570,548; Jan. 19.
Berkley, Richard H., Plainville, Mass., assignor to Whiting & Davis Company. Machine for making link mesh. 1,570,197; Jan. 19.
Berkley, Richard H., Plainville, Mass., assignor to Whiting and Davis Company. Machine for making staples for mesh fabric. 1,570,198; Jan. 19.
Berliner, Henry A., Washington, D. C. Helicopter. 1,570,121; Jan. 19.
Bertram, Louis H. (See Grover, A. D., and Bertram.)
Beulan, Sarkis H. (See Sumbulian, Sarkis H.)
Beyea, Frank H., assignor to J. R. Gammeter, Akron, Ohio. Process and machine for shaping wire. 1,570,036; Jan. 19.
Beyer, Otto S., assignor to E. W. Bliss Company, Brooklyn, N. Y. Drawing press. 1,570,199; Jan. 19.
Bie, Christian, Brooklyn, N. Y. Door construction. 1,570,427; Jan. 19.
Biggers, Blaine, et al. (See Biggers, Lee P., assignor.)
Biggers, Lee P., Palmersville, assignor of sixteen per cent to H. Buckley, Martin, Tenn., sixteen per cent to B. Biggers, St. Louis, Mo., and sixteen per cent to E. McAuliff, East St. Louis, Ill. Plow. 1,569,962; Jan. 19.
Birnbaum, Charles. (See Eliasoff, A. L., and Birnbaum.)
Bischof, Ulrich, assignor to Gebr. Staubli, Horgen, Switzerland. Feeding mechanism for book-sewing machines. 1,569,909; Jan. 19.
Bishop, Joseph W., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del. Bowling-alley ball return. 1,570,549; Jan. 19.
Bishop, Joseph W., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del. Bowling-alley ball return. 1,570,550; Jan. 19.
Bishop, Joseph W., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del. Bowling-alley ball return. 1,570,551; Jan. 19.
Bisset, David L., assignor to A. R. Whittal Can Company, Limited, Montreal, Quebec, Canada. Can-end drier. 1,570,122; Jan. 19.
Black, Eugene, New York, N. Y. Game-chip rack. 1,569,848; Jan. 19.
Blackburn, Victor E., Bellview, N. Mex. Radiator protector. 1,570,428; Jan. 19.
Bliss, E. W., Company. (See Beyer, Otto S., assignor.)
Blomquist, Inge G. (See Flodquist, L., and Blomquist.)
Blood, Harold L., North Plainfield, and R. C. Deale, Plainfield, N. J., assignors to Niles-Bement-Pond Company, New York, N. Y. Control system. 1,570,369; Jan. 19.
Bluhm, Leo, New York, N. Y. Woven fabric. Des. 69,250; Jan. 19.
Blum, Joseph K., Scarsdale, and D. L. Braine, Brooklyn, assignors to K-B Pulverizer Corporation, New York, N. Y. Pulverized-fuel apparatus. 1,570,037; Jan. 19.
Bohannon, Claude S., assignor of one-half to W. E. Stevens, Nokomis, Fla. Bathing barge. 1,569,910; Jan. 19.
Bold, Frederick W., Chelsea, Mass., assignor to C. H. Pearson, Brookline, Mass. Release lever. 1,569,911; Jan. 19.
Bonnet, Jean, St. Etienne, France. Automatically-operated jack for supporting walls of buildings. 1,570,429; Jan. 19.
Bonney, John C. G., Brooklyn, N. Y. Pad for window-washing apparatus. 1,570,200; Jan. 19.
Bonney, John C. G., Brooklyn, N. Y. Window-washing apparatus. 1,570,201; Jan. 19.
Bonsall, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,570,123; Jan. 19.
Borden, William S., Worcester, Mass. Cue tip and making the same. 1,570,294; Jan. 19.
Bosco, George B., Chicago, Ill. Adjustable shore. 1,570,226; Jan. 19.
Bostwick, Rolla B. (See Jacobs, J. J., and Bostwick.)
Bottoms, Robert R., Lakewood, N. J. Extraction of helium from gases containing the same. 1,569,943; Jan. 19.
Bowerbank, John W., Kidderminster, England. Combined boiling, washing, condensing, and drying machine. 1,570,552; Jan. 19.
Bowers, Clyde L., Washington, D. C. Memorandum-pad equipment for telephones. 1,570,430; Jan. 19.
Bowles, Byron E., Council Bluffs, Iowa. Window-sash fastener. 1,569,849; Jan. 19.
Box Board Products, Inc. (See Hill, Ellon S., assignor.)
Boyce, Clara A., et al. (See Johnson, Horace K., assignor.)
Boyce, Ira G., et al. (See Johnson, Horace K., assignor.)
Boyed, Louis L., Toledo, Oreg. Toy. 1,570,330; Jan. 19.
Boylan, Thomas F., sr., assignor to Eversharp Manufacturing Co., New Brunswick, N. J. Manufacturing horseshoe calks. 1,570,455; Jan. 19.
Braine, Daniel L. (See Blum, J. K., and Braine.)
Brainie, Lawrence M., Fellows, Calif. Transformable cover coat and trousers. 1,570,227; Jan. 19.
Brandes Laboratories, Inc. (See Moss, David H., assignor.)
Branham, Walter R., Fort Valley, Ga. Flying jenny. 1,570,124; Jan. 19.
Brauning, Karl A., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock casing. 1,570,331; Jan. 19.
Briggs, Southwick W., Glenmont, Md. Tractor scoop. 1,569,944; Jan. 19.
Brinkman, Frederick A. (See Barnhill, Josephine M., assignor.)
Brittingham, Vertner D., Denver, Colo. Playing cards. 1,569,945; Jan. 19.
Brodersen, Laust, Jutland, and M. E. Steppinge, Copenhagen, Denmark. Suction apparatus. 1,570,370; Jan. 19.
Brown, Campbell. (See Wilson, J. E., Connell, and Brown.)
Brown, Kinsey, Crisfield, Md. Toy. 1,570,332; Jan. 19.
Brown, Ray M., Yonkers, N. Y. Locomotive. 1,570,228; Jan. 19.
Browne, Jack, Oklahoma City, Okla. Container for automobile registration cards. 1,569,963; Jan. 19.
Browne, Vere B., Brackenrige, Pa. Making magnetic alloys. 1,570,229; Jan. 19.
Bruhn, Herman C. (See Bruhn, William C., and H. C.)
Bruhn, John H., and A. E. Matz, Dubuque, Iowa. Stop cock. 1,570,126; Jan. 19.
Bruhn, William C. and H. C., Spirit Lake, Iowa. Dumping-wagon box. 1,570,125; Jan. 19.
Brunswick-Balke-Collender Company, The. (See Bishop, Joseph W., assignor.)
Brunswick-Balke Collender Company. (See Nystrom, Martin, assignor.)
Bryant, James G., Port Huron, Mich. Grinding mill. 1,570,456; Jan. 19.
Bua, Frank A., Lodi, N. J. Violin-position guide. 1,570,457; Jan. 19.
Buccuto, William, Salem, N. J. Ventilating fan. 1,570,371; Jan. 19.
Buck, Eugene C., New York, N. Y. Vitreous composition and articles made therefrom. 1,570,202; Jan. 19.
Buckingham, Earle, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Lost-motion-compensating means for gear-hobbing machines. 1,570,372; Jan. 19.
Buckley, Homer, et al. (See Biggers, Lee P., assignor.)
Buder, Charles G., assignor to Haynes-Langenberg Mfg. Co., St. Louis, Mo. Hot-air furnace. 1,570,481; Jan. 19.
Buettner, Edward F., E. Ganun, and H. K. Throm, Toledo, Ohio. Route meter. 1,569,946; Jan. 19.
Bumper and Fender Co. (See Ronca, L., and Santoro, assignors.)
Burch, Eugene J., Memphis, Tenn. Floor cleaning and polishing device. 1,570,127; Jan. 19.
Burlin Co. (See Burlin, Leslie H., assignor.)
Burlin, Leslie H., assignor to Burlin Co., Chicago, Ill. Upright member for a lamp or similar article. Des. 69,251; Jan. 19.
Burris, Millard D., Bloomfield, N. J. Combination match and cigarette holder. 1,570,038; Jan. 19.
Burton, John S. (See Reuter, Harry W., assignor.)
Bushnell, John B., assignor to Bushnell Manufacturing Co. Inc., Berkeley, Calif. Die-casting machine. 1,569,851; Jan. 19.
Bushnell Manufacturing Co. (See Bushnell, John B., assignor.)
Bussard, Grover D., Littleton, Colo. Valve-spring compressor. 1,570,039; Jan. 19.
Busse, Reginald W., Sheboygan, Wis. Cushion-stuffing machine. 1,570,432; Jan. 19.
Butler, Charles J. (See Kirby, Clarence E., assignor.)
Butterfield, Fred, & Co. (See Vandergaw, E. B., and Heinrich, assignors.)
Buttress, Joseph A., South Pasadena, Calif. Wall-board lath. 1,569,947; Jan. 19.
Byllesby Engineering and Management Corporation. (See Fisher, H. H., and Rittenhouse, assignors.)
Cade, Arthur R., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Ethylating amines. 1,570,203; Jan. 19.
Calleson, Amos, Brooklyn, N. Y. Bottle filling and sealing machine. 1,569,948; Jan. 19.
Camp, Percy B., Maywood, Ill., assignor to Universal Draft Gear Attachment Company. Brake mechanism for railway cars. 1,569,949; Jan. 19.
Campbell, George W., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,569,950; Jan. 19.
Cannon, Frank S. (See Jones, William E., assignor.)
Carbide and Carbon Chemicals Corporation. (See Cade, Arthur R., assignor.)
Cardey, George W., assignor of one-half to J. A. McCoy, Lancaster, Wis. Truss. 1,569,964; Jan. 19.
Carlson, Harry. (See Prouty, M. D., Craig, Rawlings, and Carlson.)

Carter, Howard G., Detroit, Mich. Making water bags. 1,570,128; Jan. 19.
Carver, Fred S., East Orange, N. J. Platen for pot presses. 1,570,433; Jan. 19.
Cavanna, Eugene L., Chicago, Ill. Shoe support and form. 1,570,295; Jan. 19.
Cave, Henry, Hartford, Conn., assignor to G. R. S. Products, Inc., New York N. Y. Dishwashing machine. 1,570,296; Jan. 19.
Cederberg, Ivar W., Berlin-Steglitz, Germany, assignor to Norsk Hydro-Elektrisk Kvaelstofaktieselskab, Christiania, Norway. Production of catalysers for the synthesis of ammonia. 1,570,333; Jan. 19.
Cederlöf, Börge, Stavanger, Norway. Manacles, handcuffs, and the like. 1,570,458; Jan. 19.
Celite Company, The. (See Teitsworth, Clark S., assignor.)
Chadwick, Lee S., Shaker Heights Village, and M. Resek, Cleveland Heights, assignors to The Cleveland Metal Products Company, Cleveland, Ohio. Oil-burner construction. 1,570,434; Jan. 19.
Chambers, Albert W., sr., Hillside, N. J. Lamp shade. 1,570,230; Jan. 19.
Chambers Brothers Company. (See King Howard K., assignor.)
Champion, Warren, Pekin, Ill. Compass. 1,570,459; Jan. 19.
Chandler, Milton E., Chicago, Ill. Air cleaner. 1,570,040; Jan. 19.
Chapin, Chauncey C., Sterling, Colo. Transfer switch. 1,569,965; Jan. 19.
Chapman, Joan, New York, N. Y. Doll. Des. 69,252; Jan. 19.
Chemische Fabrik auf Actien (vorm. E. Schering). (See Freund, E., and Jordan, assignors.)
Chilton, Roland, Keyport, N. J., assignor to Aeromarine Plane & Motor Company. Gasket for pressure containers. 1,570,334; Jan. 19.
Clark, Hiram W. (See Gudmundsen, A., and Clark.)
Clark, Raymond G., assignor, by mesne assignments, to A. W. Gast, Chicago, Ill. Electrode for high-frequency generators. 1,570,041; Jan. 19.
Clarke, Harry R., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Support for head telephone receivers. 1,570,129; Jan. 19.
Clarke, John D. (See Fritsche, W. P., and Clarke.)
Classen, Alexander, Aachen, Germany, assignor to The Commercial Alcohol Company, Limited, London, England. Manufacture of cellulose solutions. 1,570,553; Jan. 19.
Clay, Samuel B., assignor to Heine Boiler Company, St. Louis, Mo. Facing tool for gasket seats. 1,570,042; Jan. 19.
Claypool, Daniel E., Fort Worth, Tex. Piston. 1,569,966; Jan. 19.
Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing-machine looper mechanism. 1,569,912; Jan. 19.
Clement, Lewis J., Dauphin, Manitoba, Canada. Shocking machine. 1,570,204; Jan. 19.
Cleveland Crane & Engineering Company, The. (See Bennington, Earl T., assignor.)
Cleveland Metal Products Company, The. (See Chadwick, L. S., and Resek, assignors.)
Cleveland Twist Drill Company, The. (See Dillard, James B., assignor.)
Clokey, Allison A., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telegraph system. 1,570,460; Jan. 19.
Cobb, Harry W. (See Cobb, Henry B. and H. W.)
Cobb, Henry B., and H. W., Malden, Mass. Machine for making wall board, etc. 1,570,335; Jan. 19.
Cochrane Corporation. (See Gamble, Joseph W., assignor.)
Cohen, Oscar, New York, N. Y. Cigar lighter. Des. 69,253; Jan. 19.
Cohn, Jacob, assignor to Non-Explosive Corporation of America, New York, N. Y. Safety attachment for tanks. 1,570,461; Jan. 19.
Colby, Harold L., Milton, assignor to C. W. McConnel, Boston, E. MacLeod, Westwood, Mass., and F. B. Look, Los Angeles, Calif., trustees, doing business as Mason Regulator Company, Boston, Mass. Valve mechanism. 1,569,852; Jan. 19.
Coles, Henry L. (See Donaldson, J. G., and Coles.)
Colker, Morris, Pittsburgh, Pa. Display stand for jewelry. Des. 69,254; Jan. 19.
Collier, David C., Santa Fe, N. Mex. Recovering oil from oil-bearing sands. 1,570,205; Jan. 19.
Commercial Alcohol Company, The. (See Classen, Alexander, assignor.)
Compagnie des Forges et Aciéries de la Marine et d' Homécourt. (See Granat, Elie, assignor.)
Conahan, William F., Aurora, Ill. Hook and eye. 1,570,130; Jan. 19.
Condit Electrical Manufacturing Corporation. (See Greene, Austin E., assignor.)
Conley, Gardner L., Chicago, Ill., assignor to Standard Oil Company, Whiting, Ind. Display container. 1,570,336; Jan. 19.
Connell, Samuel. (See Wilson, J. E., Connell, and Brown.)
Connell, Stanley L., assignor to The Girard Model Works, Inc., Girard, Pa. Spinning top. 1,570,206; Jan. 19.
Consolidated Car-Heating Company. (See Hynes, Lee P., assignor.)
Consortium für Elektrochemische Industrie G. m. b. H. (See Meingast, R., and Mugdan, assignors.)
Constantinesco, George, Weybridge, England. Pump. 1,570,554; Jan. 19.
Convertible Door Manufacturing Company. (See Mers, O. H., and Humleker, assignors.)
Cook, Nelson E. (See Peacock, S., and Cook.)
Cook, Palmer J., Southfield, Mass. Diaphragm for telephone receivers. 1,570,337; Jan. 19.
Cooper, Paul E., Somerville, Ohio. Scaffold anchor. 1,569,951; Jan. 19.
Cope, Maurice, Kingsley, Iowa. Automatically-closing door. 1,570,462; Jan. 19.
Corell, Martin. (See Kränzlein, G., and Corell.)
Cormier, Alfred J., assignor to A. W. Warr, Los Angeles, Calif. Pump-packing-expanding device. 1,570,043; Jan. 19.
Cosey, Henry M., Flint, Mich. Aeroplane propelling mechanism. 1,570,044; Jan. 19.
Cothran, Edward E., Wright, Calif. Pneumatic automobile spring. 1,569,850; Jan. 19.
Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
Coune, Felix, Chicago, Ill. Hair-drying apparatus. 1,570,045; Jan. 19.
Crabtree, Eli F., Baltimore, Md. Direction-signal casing. Des. 69,255; Jan. 19.
Crabtree, Robert, Forbes, N. Dak. Harrow. 1,569,913; Jan. 19.
Craig, Rollie. (See Prouty, M. D., Craig, Rawlings, and Carlson.)
Craw, Frank C., South Norwalk, assignor to Turner Machine Company, Incorporated, Danbury, Conn. Soft-hat-rounding machine. 1,570,373; Jan. 19.
Craw, George R., Fort Wayne, Ind. Service cabinets. 1,570,207; Jan. 19.
Crawford, Paul H., Palo Alto, and J. F. Abbema, Oakland, Calif. Filtering apparatus. 1,570,374; Jan. 19.
Crittall, Richard G. (See Musgrave, J. L., and Crittall.)
Cronin, John H., assignor to The Enro Shirt Company, Louisville, Ky. Shirt. 1,570,208; Jan. 19.
Crossley, Moses L., Somerville, and G. S. Simpson, Plainfield, N. J. Sulphonating beta naphthol. 1,570,046; Jan. 19.
Crowell, Frank S., assignor to The Edward N. Riddle Company, Toledo, Ohio. Ceiling light. Des. 69,256; Jan. 19.
Crowell, Frank S., assignor to The Edward N. Riddle Company, Toledo, Ohio. Ceiling light. Des. 69,256; Jan. 19.
Crowell, Frank S., assignor to The Edward N. Riddle Company, Toledo, Ohio. Ceiling plate. Des. 69,257; Jan. 19.
Curtin, Frank and H. Curtin, assignors to Curtin-Herbert Co. Inc., Gloversville, N. Y. Pinning and nailing machine. 1,569,914; Jan. 19.
Curtin, Henry. (See Curtin, Frank and H.)
Curtin-Herbert Co. (See Curtin, Frank and H., assignors.
Cutler-Hammer Mfg. Co., The. (See Lightfoot, Edwin N., assignor.)
Dalgarn, Talmadge M. (See Harris, J. D., and Dalgarn.)
Damerell, Mark H., assignor to Wyman-Gordon Company, Worcester, Mass. Unloading device for furnaces. 1,570,463; Jan. 19.
Damore, Antonio, Brooklyn, N. Y. Safety device for automobiles. 1,570,464; Jan. 19.
Danielsen, Wilhelm G., Independence, Mo. Oil burner. 1,569,967; Jan. 19.
D'Aprea, Salvatore, Brooklyn, N. Y. Shoe-polishing machine. 1,570,465; Jan. 19.
Darrin, Marc, Wilkinsburg, assignor to The Koppers Company, Pittsburgh, Pa. Recovery of thiocyanates and thiosulphates. 1,570,047; Jan. 19.
David, Albert, Chicago Heights, Ill., assignor, by mesne assignments, to Dip-It Inc., New York, N. Y. Coloring composition. 1,569,915; Jan. 19.
Davidson, William D. (See Goeser, E. W., and Davidson.)
Davis, Bernard H., Fullerton, Calif. Device for removing pump liners and valve seats. 1,570,338; Jan. 19.
Davis, Laurence R., New York, N. Y., assignor to G. & J. Tire Company, Indianapolis, Ind. Tire. 69,258; Jan. 19.
Davis, Leon M., Fairmont, W. Va. Garter, armlet, or like band. 1,569,968; Jan. 19.
Dawson, Robert K., Akron, N. Y. Fitting for chairs or the like. 1,570,435; Jan. 19.
Dawson, Robert K., Akron, N. Y. Chair base. 1,570,436; Jan. 19.
Dawson, Robert K., Akron, N. Y. Hub for chair bases. 1,570,437; Jan. 19.
Day, Roland B., Lansdowne, Pa. Treating petroleum oils. 1,570,131; Jan. 19.
Deale, Robert C. (See Blood, H. L., and Deale.)
Dean Hill Pump Company. (See Schleyer, Victor, assignor.)
De Brey, Jan H. C., assignor to Naamlooze Vennootschap Bataafsche Petroleum Maatschappij, The Hague, Netherlands. Separating the phases of emulsions, particularly of petroleum, by means of an electric current. 1,570,209; Jan. 19.
Decker, Ammiel F., Pelham, N. Y. Padding for ironing rolls. 1,570,231; Jan. 19.
De Coninck, Arthur, Brussels, Belgium. Stabilizing device for automobile underframes. 1,570,210; Jan. 19.

De Minico, Charles, Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for operating upon shoes. 1,569,853; Jan. 19.

Denyes, Harry M., Saginaw, Mich. Combined spark and throttle control. 69,259; Jan. 19.

De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Lighting fixture. 1,570,597; Jan. 19.

Devenbaugh, Samuel, La Grange, Ind. Cultivator attachment. 1,570,132; Jan. 19.

Dexter Company, The. (See George, William H., assignor.)

Dial, James M., Bogart, Ga. Liquid-fuel burner. 1,570,555; Jan. 19.

Di Bella, Frank, New York, N. Y. Candlesticks. 1,570,133; Jan. 19.

Dick, A. B., Company. (See Green, Charles F., assignor.)

Dickensheet, Earle H., Kansas City, Mo., assignor to Faultless Pneumatic Tire Company, Seattle, Wash. Vehicle tire. 1,570,048; Jan. 19.

Dickinson, William W., jr., Little Rock, Ark. Apparatus for burning bricks. 1,569,952; Jan. 19.

Dickinson, William W., jr., Little Rock, Ark. Apparatus for burning bricks. 1,569,953; Jan. 19.

Dickson, Benjamin A., Indianapolis, Ind. 1,570,557; Jan. 19.

Diemer, Jacob F., Liberty, Mo. Insect container. 1,570,134; Jan. 19.

Diernhofer, Hermann, Grossschoenau, Germany. Producing photographs in natural colors on paper. 1,570,375; Jan. 19.

Dillard, James B., Shaker Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Making reamers. 1,570,049; Jan. 19.

Dilley, Charles D., Plymouth, England. Dough-molding machine. 1,570,339; Jan. 19.

Dimmick, Max A. (See McFarland, B. M., and Dimmick.)

Dine, Frank W., Minster, Ohio, assignor, by mesne assignments, to The National Automatic Tool Company, Richmond, Ind. Drilling machine. 1,570,050; Jan. 19.

Dip-It Inc. (See David, Albert, assignor.)

Di Tommaso, Vitandrea, Moody, Oreg. Safety appliance for railway hand cars. 1,570,556; Jan. 19.

Doane, John A., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Wheel feeding and adjusting means for grinding machines. 1,570,376; Jan. 19.

Dodge, Harry H., Buffalo, N. Y. Furnace. 1,570,340; Jan. 19.

Dodman, Alfred C., jr., Summit, N. J., and C. S. Reiber, New York, N. Y.; said Reiber assignor to said Dodman. Wall paper. Des. 69,260; Jan. 19.

Dodman, Alfred C., jr., Summit, N. J., and C. S. Reiber, New York, N. Y.; said Reiber assignor to said Dodman. Wall paper. 69,261; Jan. 19.

Doerr, George W., Orange, N. J. Abrasive mitt. 1,569,854; Jan. 19.

Doerr, Lawrence, Silverton, Oreg. Boiler stand. 1,570,211; Jan. 19.

Dombrowski, Fred, Chicago, Ill. Antiskid attachment for vehicle wheels. 1,570,051; Jan. 19.

Donaldson, Joseph G., and H. L. Coles, assignors to Guardian Metals Company, Hamilton, Ohio. Composite structural unit. 1,569,954; Jan. 19.

Dorris, Henry C. (See Pritner, L. C., and Dorris.)

Dowd, Lewis M., assignor to Scovill Manufacturing Company, Waterbury, Conn. Eyelet button. 1,570,341; Jan. 19.

Draper Corporation. (See Lecomte, Alphonse, assignor.)

Draper Corporation. (See Sorrells, James A., assignor.)

Drees, Andrew A. (See Rolmer, Philip B., assignor.)

Dresser, Robert A., Bradford, Pa., assignor of one-fourth to L. Jones, Miles, Ohio, and one-fourth to J. M. Kelly, Pittsburgh, Pa. Crowbar. 1,570,342; Jan. 19.

Dresser, Robert A., Bradford, Pa. Pumping power for oil wells. 1,570,343; Jan. 19.

Duer, Benjamin F., et al. (See Hacker, Owen E., assignor.)

Duhme, Emil, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Apparatus for the production of electrolytic iron. 1,570,212; Jan. 19.

Dunkle, Edward L., East Brady, Pa. Snow-removing apparatus. 1,570,377; Jan. 19.

Du Pont, E. I., de Nemours & Company. (See Hoffman, Harry J., assignor.)

Du Pont, E. I., de Nemours & Company. (See Pitman, Earle C., assignor.)

Durtsche, Henry E., Galion, Ohio. Gauge. 1,570,558; Jan. 19.

Duvall, William J. (See Smith, A. W., and Duvall.)

Dyer, Frank L., Montclair, N. J. Recording and reproducing sounds. 1,570,297; Jan. 19.

Dyer, Harry, Los Angeles, Calif. Gas-valve-controlled ventilating device. 1,570,232; Jan. 19.

Easy-On Cap Company, The. (See Reid, James S., assignor.)

Edwards, Albert, Bridgeport, Conn. Sanitary receptacle. 1,570,344; Jan. 19.

Egloff, Gustav, and H. P. Benner, Independence, Kans., assignors to Universal Oil Products Company, Chicago, Ill. Treating oil. 1,569,835; Jan. 19.

Eliasoff, Abrahamm L., and C. Birnbaum, New York, N. Y. Electric-light globe. 1,570,345; Jan. 19.

Elliott, Edward O., assignor to The Baldwin Locomotive Works, Philadelphia, Pa. Crosshead guide. 1,570,559; Jan. 19.

Elliott-Fisher Company. (See Foothorap, Harry A., assignor.)

Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Co. Cumaron resin composition and making same. 1,570,584; Jan. 19.

Ellis-Foster Co. (See Ellis, Carleton, assignor.)

Emmert, George C., Mount Morris, Ill. Automatic latch. 1,570,135; Jan. 19.

Emond, William H., Syracuse, N. Y. Body construction for vehicles. 1,570,560; Jan. 19.

Engkvist, Karl O. (See Svensson, S. H., and Engkvist.)

Enro Shirt Company, The. (See Cronin, John H., assignor.)

Erie Can Co. (See Pittelkow, August, assignor.)

Eriksen, Johan E., Oslo, Norway. Automatic pistol. 1,569,856; Jan. 19.

Erwin, Orlando R., Forest Hills, N. Y. Fire-extinguishing device. 1,570,052; Jan. 19.

Essex Motors. (See Rumely, Vincent P., assignor.)

Essinger, Edwin C., Chicago, Ill. Display device. 1,570,466; Jan. 19.

Evans, George A., Glendale, Calif. Vehicle brake apparatus. 1,570,378; Jan. 19.

Evans, Guy J. (See Pond, George F., assignor.)

Evans, John. (See Evans, Tracy and J.)

Evans, Samuel M., Essex Fells, N. J. Producing lead oxide. 1,570,438; Jan. 19.

Evans, Tracy and J., Richmond, Ind. Bird house. D. s. 69,262; Jan. 19.

Eversharp Manufacturing Co. (See Boylan, Thomas F., sr., assignor.)

Ewan, Thomas, Glasgow, Scotland. Manufacture of alkali-metal amides. 1,570,467; Jan. 19.

Fairbanks, E. and T., and Company. (See Osgood, L. A., and Wolf, assignors.)

Faiter, Richard, New York, N. Y. Waterproof quilting. 1,569,955; Jan. 19.

Farb, Carl A., De Kalb, Ill., assignor to The American Steel and Wire Company of New Jersey. Fencepost driver. 1,569,857; Jan. 19.

Farbwerke vorm. Meister Lucius & Bruning. (See Kränzlein, G., and Corell, assignors.)

Farrington, Charles E., Phoenixville, Pa. Barrel agitator. 1,569,858; Jan. 19.

Faultless Pneumatic Tire Company. (See Dickensheet, Earle H., assignor.)

Fausse, Joseph, Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Toe binder. 1,570,053; Jan. 19.

Federal Pressed Steel Company. (See Tinker, Herbert W., assignor.)

Feigenbaum, Joseph, Los Angeles, Calif. Reenforced-concrete hollow tile building block. 1,570,233; Jan. 19.

Feldmar, Adalbert B., Berlin-Schoneberg, Germany. Ping or socket for masonry. 1,570,234; Jan. 19.

Fiedler, Louis, assignor to Benjamin & Edward J. Gross Co., Inc., New York, N. Y. Finger ring or article of similar nature. Des. 69,263; Jan. 19.

Fischer, Andrew, jr., Chicago, Ill. Glazing brick. 1,570,137; Jan. 19.

Fisher, Adam E., St. Louis, Mo. Washboiler. 1,570,136; Jan. 19.

Fisher, Albert H., East Cleveland, Ohio, assignor of one-half to M. R. Forkapa. Repairing tire casings. 1,570,298; Jan. 19.

Fisher, Alva J., Evanston, assignor to Hurley Machine Company, Chicago, Ill. Washing-machine wringer. 1,569,859; Jan. 19.

Fisher, Harry H., and W. B. Rittenhouse, Chicago, Ill., assignors to Byllesby Engineering and Management Corporation, Wilmington, Del. System of water transportation and a boxed boat for use in connection therewith. 1,569,916; Jan. 19.

Fisk Rubber Company, The. (See Hennessy, Daniel E., assignor.)

Fleming, John J., Vineland, N. J. Mold for sash-weight cores. 1,570,054; Jan. 19.

Flintermann, Rudolph F., assignor to Michigan Steel Castings Company, Detroit, Mich. Heat-treating container. 1,570,055; Jan. 19.

Flodquist, Lars, Stockholm, and I. G. Blomquist, Stocksund, assignors to Aktiebolaget Pharmacia, Liljeholmen, Stockholm, Sweden. Producing a pharmaceutical preparation and a pharmaceutical preparation thus produced. 1,569,956; Jan. 19.

Fluto, Martinus, Wyndmere, N. Dak. Road grader. 1,569,957; Jan. 19.

Flynn, Roy I., Wagner, S. Dak. Grapple. 1,569,918; Jan. 19.

Focht, Samuel, Watertown, N. Y. Fishhook book. 1,570,213; Jan. 19.

Folberth, Frederick G. and W. M., Cleveland, Ohio, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 1,570,598; Jan. 19.

Folberth, William M. (See Folberth, Frederick G. and W. M.)

Fooks, Nelson H., Preston, Md. Apparatus for heat treating substances packed in sealed receptacles. 1,570,235; Jan. 19.

Fooks, Nelson H., Preston, Md. Process of cooking and coning. 1,570,236; Jan. 19.

Foothorap, Harry A., Harrisburgh, Pa., assignor to Elliott-Fisher Company. Multibilling platen equipment. 1,569,917; Jan. 19.

Forest Research Corporation. (See Renner, Herbert, assignor.)

Forkapa, Milan R. (See Fisher, Albert H., assignor.)

Fox, Thomas, Liverpool, England. Gas meter. 1,570,214; Jan. 19.

Franklin Railway Supply Company. (See Peters, Frank R., assignor.)

Franklin Simon & Co. (See Siegel, Maude, assignor.)

Freebury, Harvey E., Belfry, Mont. Valve. 1,570,468; Jan. 19.

Freers, George H., Indianapolis, Ind. Faceplate for a tail lamp. Des. 69,264; Jan. 19.

Freezerator Company, The. (See Heideman, Fred J., assignor.)

Freidhoff, Joseph C., Johnstown, Pa. Religious automata. 1,569,958; Jan. 19.

Freund, Erich and H. Jordan, assignors to the Firm: Chemische Fabrik auf Actien (vorm. E. Schering), Berlin, Germany. Resin substitutes produced by Friedel Crafts reaction. 1,570,469; Jan. 19.

Frick, John A. (See Klinkerman, John H., assignor.)

"Frisco" Mfg. Co., The. (See Mortensen, August, assignor.)

Fritsche, Walter P., and J. D. Clarke, New Haven, Conn. Air boat. 1,570,470; Jan. 19.

Fritz, Lewis, Chicago, Ill. Bearing. 1,570,056; Jan. 19.

Fuel Development Corporation. (See Hammond, Grant, assignor.)

Furler, Frederick M., Revere, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Seam rubbing. 1,570,057; Jan. 19.

Fry, Thornton C., Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical network. 1,570,215 Jan. 19.

G. & J. Tire Company. (See Davis, Laurence R., assignor.)

G. R. S. Products, Inc. (See Cave, Henry, assignor.)

Galt, Hugh A., Akron, Ohio, assignor to The Pittsburgh Plate Glass Company, Pittsburgh, Pa. Ammonia soda process. 1,570,299; Jan. 19.

Gamble, Joseph W., deceased, by M. Gamble, executrix, assignor to Cochrane Corporation, Philadelphia, Pa. Differential pressure gauge. 1,569,959; Jan. 19.

Gamble, Martha, executrix. (See Gamble, Joseph W.)

Gamewell Company, The. (See Suren, Nathan H., assignor.)

Gammeter, John R. (See Beyea, Frank H., assignor.)

Ganun, Emery. (See Buettner, E. F., Ganun, and Throm.)

Garrett, John E., and G. M. Rogers, Hamilton, Ohio. Music stand. 1,570,216; Jan. 19.

Gase, Eugene, Saginaw, Mich., assignor to Baker-Perkins Company, Incorporated, White Plains, N. Y. Weighing machine for liquids. 1,570,300; Jan. 19.

Gase, Eugene J., Saginaw, Mich., assignor to Baker-Perkins Company, Inc., White Plains, N. Y. Weighing liquids. 1,570,471; Jan. 19.

Gaskill, Henry S., Hastings, Mich. Fireproof vault. 1,570,472; Jan. 19.

Gast, Adolph W. (See Clark, Raymond G., assignor.)

Gat, John D., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Treating filter bags. 1,570,138; Jan. 19.

Gates, George E., Comstock, Mich. Display holder. 1,570,139; Jan. 19.

Gathmann, Emil, Baltimore, Md. Ingot mold. 1,570,473; Jan. 19.

Gebr. Staubli. (See Bischof, Ulrich, assignor.)

Geer, Harry R., Johnstown, Pa. Ingot stripping. 1,570,474; Jan. 19.

Geis, William H., jr., New York, N. Y. Necktie press. 1,570,561; Jan. 19.

Geisler, Walter, New York, N. Y. Raincoat. 1,569,960; Jan. 19.

General Electric Company. (See De Reamer, Frank C. assignor.)

General Electric Company. (See Hobart, Henry M., assignor.)

General Electric Company. (See Moss, Sanford A., assignor.)

George, William H., assignor to The Dexter Company, Fairfield, Iowa. Drain spout for washing machines and the like. 1,570,058; Jan. 19.

Geraci, Frank, jr., and T., Washington, D. C. Playing cards. 1,570,475; Jan. 19.

Geraci, Thomas. (See Geraci, Frank, jr., and T.)

Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 1,570,237 Jan. 19.

Getz, Benjamin E., assignor to Getz Power Washer Co., Morton, Ill. Wringer. 1,570,562; Jan. 19.

Getz Power Washer Co. (See Getz, Benjamin E., assignor.)

Gibford, Edward B., Adrian, Mich. Razor stropper. 1,569,969; Jan. 19.

Gibson, Joseph R., Chicago, Ill. Paste tube. 1,570,238; Jan. 19.

Gilbert, Clarence E., Aberdeen, S. Dak. Road grader. 1,570,140; Jan. 19.

Gillelen, Lute G. (See Mercier, Joseph, assignor.)

Gilliam, Pittman, Cleveland, Ohio. Trunk. 1,569,971; Jan. 19.

Gilman, George H., Boston, Mass. Drilling machine. 1,570,239; Jan. 19.

Gilman, George H., assignor to Sullivan Machinery Company, Boston, Mass. Drilling apparatus. 1,569,970; Jan. 19.

Gilman, George H., Belmont, Mass., assignor to Sullivan Machinery Company. Pressure-fluid motor. 1,570,379; Jan. 19.

Girard Model Works, Inc., The. (See Connell, Stanley L., assignor.)

Giustino, Basso, Baltimore, Md. Ladder. 1,570,240; Jan. 19.

Glaenzer, Harry and J. S. Keen, assignors to The Baldwin Locomotive Works, Philadelphia, Pa. Railway truck. 1,570,563; Jan. 19.

Glantz, Joseph, New York, N. Y. Hair waver. 1,570,141; Jan. 19.

Gleave, James, Galveston, Tex. Sectional water chaft. 1,570,241; Jan. 19.

Gleichmann, Hans, Siemensstadt, near Berlin, and W. Stender, Berlin-Charlottenburg, assignors to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany. Feeding steam boilers from an unheated tank. 1,569,919; Jan. 19.

Globe Steel Tubes Company. (See Sjobring, N. P., and Swanson, assignors.)

Globe-Wernicke Company, The. (See Ringler, William A., assignor.)

Glowacki, John B., Chicago, Ill. Pull-off plug. 1,569,972; Jan. 19.

Goddu, George, Winchester, and F. L. Mackenzie, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 1,569,920; Jan. 19.

Godshalk, Clarence A., Philadelphia, Pa. Locked-nut apparatus. 1,570,476; Jan. 19.

Godshalk, Clarence A., Philadelphia, Pa. Locking mechanism for the spare tires of automobiles. 1,570,477; Jan. 19.

Goerz, Paul, Grunewald, near Berlin, and E. Jacobi, assignors to the Firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Working curved surfaces. 1,570,242; Jan. 19.

Goeser, Edwin W., and W. D. Davidson, Los Angeles, Calif., assignors to The National Supply Company, Toledo, Ohio. Shaft-drive draw works and rotary drilling machine. 1,570,243; Jan. 19.

Goettert, Fredrich K., San Francisco, Calif. Lens. 1,569,973; Jan. 19.

Goetz, Abraham, Chicago, Ill. Blade holder. 1,570,478; Jan. 19.

Goff, Thomas S., Martin, Tenn. Safety razor. 1,570,599; Jan. 19.

Goldensky, Milton E., and S. S. Harris, Philadelphia, Pa. Shock absorber. 1,570,479; Jan. 19.

Goldsmith Bros. Smelting & Refining Company. (See Goldsmith, Melvin M., assignor.)

Goldsmith, Gary A., Long Beach, Calif. Indicator and safety coupling for rotary drills. 1,570,244; Jan. 19.

Goldsmith, Melvin M., assignor, of one-half by mesne assignments, to Goldsmith Bros. Smelting & Refining Company, Chicago, Ill. Alloy for pen points. 1,569,921; Jan. 19.

Goldstein, Isidore, assignor to Pekett Headwear Co., New York, N. Y. Hat. Des. 69,265; Jan. 19.

Gonzalez, Luis R. (See Romero, A. S., and Gonzalez.)

Goodrich, B. F., Company, The. (See Merrill, Allan B., assignor.)

Goulding, Benjamin J. J., Altrincham, assignor to Linotype and Machinery Limited, London, England. Apparatus for casting curved stereotype printing plates. 1,570,480; Jan. 19.

Grain, Frederick H., and L. F. Maxwell, London, England. Liquid-registering device. 1,570,481; Jan. 19.

Granat, Elie, assignor of one-half to Compagnie des Forges et Aciéries de la Marine et d'Homécourt, Paris, France. Electric control system for all movable elements operating by a very small power, and chiefly for the gyroscopic compass. 1,569,922; Jan. 19.

Grasselli Chemical Company, The. (See Howard, Henry, assignor.)

Green, Charles F., Romford, England, assignor to A. B. Dick Company, Chicago, Ill. Fork for composing and distributing type. 1,570,217; Jan. 19.

Greene, Austin E., Medford Hillside, assignor, by mesne assignments, to Conduit Electrical Manufacturing Corporation, Boston, Mass. Electric switch. 1,570,245; Jan. 19.

Greene, Otto W., Elyria, assignor to The Willys-Overland Company, Toledo, Ohio. Packing ring. 1,569,974; Jan. 19.

Gross, Benjamin, assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y. Finger ring. Des. 69,266; Jan. 19.

Gross, Benjamin, assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y. Finger ring. Des. 69,267; Jan. 19.

Gross, Benjamin, assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y. Finger ring. Des. 69,268; Jan. 19.

Gross, Benjamin & Edward J., Co. (See Fiedler, Louis, assignor.)

Gross, Benjamin & Edward J., Co. (See Gross, Benjamin, assignor.)
Grove, Rene D., assignor to Performo-Toy Company, Middletown, Pa. Wheeled toy. 69,269; Jan. 19.
Grover, Albert D., Long Island City, N. Y. Mute for musical stringed instruments. 1,570,601; Jan. 19.
Grover, Albert D., and L. H. Bertram, Long Island City, N. Y. Tuning peg for stringed musical instruments. 1,570,600; Jan. 19.
Gruber, Harry J., New York, N. Y. Lighting fixture. Des. 69,270; Jan. 19.
Guardian Metals Company. (See Donaldson, J. G., and Coles, assignors.)
Gudmundsen, Austin and H. W. Clark, Salt Lake City, Utah. Device for furnaces. 1,569,923; Jan. 19.
Hachbeney, Frank C., et al. (See Johnson, Horace K., assignor.)
Hacker, Owen E., assignor of one-third to R. H. Angell and one-third to B. F. Duer, Dayton, Ohio. Making metal articles. 1,570,246; Jan. 19.
Hadaway, William S., jr., New Rochelle, N. Y. Electric heating system. 1,570,301; Jan. 19.
Hahn, Martin, Berlin, assignor to M. Woelm A. G., Spangenberg, Germany. Storage receptacle for substances easily decomposable in solutions. 1,570,346; Jan. 19.
Hale, Kitty L., San Francisco, Calif. Furniture guard for carpet sweepers. 1,570,482; Jan. 19.
Hale, William E., Fort Washington, assignor to R. H. Beaumont Company, Philadelphia, Pa. Drag-scraper back-post block. 1,569,924; Jan. 19.
Hale, William E., Fort Washington, assignor to R. H. Beaumont Company, Philadelphia, Pa. Drag scraper. 1,569,925; Jan. 19.
Hale, William E., Fort Washington, assignor to R. H. Beaumont Company, Philadelphia, Pa. Double-dump skip hoist. 1,570,302; Jan. 19.
Hale, William E., Fort Washington, assignor to R. H. Beaumont Co., Philadelphia, Pa. Skip-bucket car-loading apparatus. 1,570,303; Jan. 19.
Hamel, Joseph L., Buffalo, N. Y. Ladder Foot. 1,570,564; Jan. 19.
Hammer, Charles, Hollis Court Boulevard, N. Y. Container snap-on rotatably releasable cap. 1,569,926; Jan. 19.
Hammerl, Jacob, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,570,483; Jan. 19.
Hammond, Grant, New Haven, Conn., assignor to Fuel Development Corporation, Wilmington, Del. Fuel. 1,570,059; Jan. 19.
Hammond, Grant, New Haven, Conn., assignor to Fuel Development Corporation, Wilmington, Del. Fuel. 1,570,060; Jan. 19.
Hammond, John H., jr., Gloucester, Mass. System of and mechanism for controlling moving bodies by radiant energy. 1,569,927; Jan. 19.
Handlem, Irvin J., Green Bay, Wis. Confectionery machine. 1,570,247; Jan. 19.
Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Automatic ribbon reverse. 1,570,218; Jan. 19.
Hanner, Walter B., Glenwood, N. C. Combined bolt and nut. 1,570,565; Jan. 19.
Hansen, A. L., Mfg. Co. (See Hansen, Augie L., assignor.)
Hansen, Augie L., assignor to A. L. Hansen Mfg. Co., Chicago, Ill. Bank. 1,569,975; Jan. 19.
Hanson, Clinton H., Chicago, Ill., assignor to Motor Player Corporation. Bearing construction. 1,570,566; Jan. 19.
Hanson, Hans M., Mason City, Iowa. Conveyer. 1,570,484; Jan. 19.
Hangood, Clarence H., assignor to Toledo Scale Company, Toledo, Ohio. Scale casing. Des. 69,271; Jan. 19.
Harnischfeger Corporation. (See Henricks, Arthur G., assignor.)
Harris, Joseph D., and T. M. Dalgarn, Detroit, Mich. Radiator for motor vehicles. 1,570,142; Jan. 19.
Harris, Simon S. (See Goldensky, M. E., and Harris.)
Harter, Hans, Wurzburg, Germany, assignor to Albert T. Otto & Sons, New York, N. Y. Synthesis of ammonia by means of catalysts. 1,570,485; Jan. 19.
Hartwig, William G., assignor to Railway Utility Company, Chicago, Ill. Car-heating system. 1,569,928; Jan. 19.
Hasclau, Otto, New York, N. Y. Radiator. 1,569,929; Jan. 19.
Hassler, Robert H., Indianapolis, Ind. Rebound check. 1,569,976; Jan. 19.
Hastings, Walter M., Methuen, Mass. Clearer and slub catcher for textile machines. 1,570,248; Jan. 19.
Hatch, Arthur G., Duluth, Minn. Making concrete tiles. 1,569,977; Jan. 19.
Haughton Elevator & Machine Co., The. (See Thurston, Ernest B., assignor.)
Haviland, George, Limoges, France. Covered dish or similar article. Des. 69,272; Jan. 19.
Haviland, George, Limoges, France. Covered dish or similar article. Des. 69,273; Jan. 19.
Haviland, George, Limoges, France. Plate or similar article. Des. 69,274; Jan. 19.
Haynes-Langenberg Mfg. Co. (See Buder, Charles G., assignor.)
Heide, William A., Detroit, Mich. Carburetor. 1,570,143; Jan. 19.
Heideman, Fred J., assignor to The Freezerator Company, Detroit, Mich. Pressure-controlled temperature regulator for artificial refrigerators. 1,570,144; Jan. 19.
Heine Boiler Company. (See Clay, Samuel B., assignor.)
Heinrich, Jules. (See Vandergaw, E. B., and Heinrich.)
Heller, Hugo, Milwaukee, Wis. Light-reflecting ornament. 1,570,145; Jan. 19.
Helmle, Herman C., assignor of one-half to W. C. Pruitt, Springfield, Ill. Color-blending pavement-crack filler. 1,570,219; Jan. 19.
Hendrickson, Julian P., Chehalis, Wash. Marine propulsion. 1,570,146; Jan. 19.
Henkel, Eugen, assignor to Metallbank und Metallurgische Gesellschaft, Aktiengesellschaft, Frankfort-on-the-Main, Germany. Hardness-testing machine. 1,570,249; Jan. 19.
Hennessy, Daniel E., Milwaukee, Wis., assignor, by mesne assignments, to The Fisk Rubber Company, Chicopee Falls, Mass. Mold. 1,570,147; Jan. 19.
Henricks, Arthur G., Wauwatosa, assignor to Harnischfeger Corporation, Milwaukee, Wis. Hoisting mechanism for excavating cranes. 1,570,061; Jan. 19.
Henry, George I. (See McKeehan, J. W., and Henry.)
Herhat, Peter V. A. A., Holte, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Tube mill or ball mill. 1,569,930; Jan. 19.
Herr, Charles W., et al. (See Herr, Von H., assignor.)
Herr, Von H., Philadelphia, Pa., assignor of one-third to C. W. Herr, one-third to F. H. Mattingly, and one-third to R. V. Willett. Fastener. 1,570,148; Jan. 19.
Herrington, Raney B., Wolbach, Nebr. Chicken feeder. 1,569,931; Jan. 19.
Herzog, Joseph L., New Rochelle, N. Y. Finger ring or similar article. Des. 69,275; Jan. 19.
Hess, Edward B., New York, and L. C. Myers, Freeport, assignors to Royal Typewriter Company, Inc., New York, N. Y. Ribbon-feeding mechanism for typewriting machines. 1,570,220; Jan. 19.
Hess, Edward B., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,570,250; Jan. 19.
Hongland, Frank O., Bridgeport, Conn., assignor to Reed-Prentice Company, Worcester, Mass. Collet and collet mechanism. 1,570,251; Jan. 19.
Hobart, Henry M., Schenectady, N. Y., assignor to General Electric Company. Converter system. 1,570,347; Jan. 19.
Hobbs, John W., Moline, Ill., assignor, by mesne assignments, to Fyrene Manufacturing Company, Newark, N. J. Apparatus for measuring the temperature of internal-combustion engines. 1,570,602; Jan. 19.
Hochstetter, Frederick W. (See McCurdy, R. P., and Hochstetter.)
Hodge, William B., Charlotte, N. C., assignor to Parks-Cramer Company, Boston, Mass. Humidifier. 1,569,860; Jan. 19.
Hoffman, Harry J., Stamford, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making nonstatic film. 1,570,062; Jan. 19.
Hogan, Philip, St. Louis, Mo. Seam anchor. 1,570,439; Jan. 19.
Holda, John M., Chicago, Ill. Lock. 1,570,603; Jan. 19.
Holden, Joseph B., Syracuse, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,570,348; Jan. 19.
Hollingshead, Harry T., Chicago, Ill. Radiator cap. Des. 69,276; Jan. 19.
Hollinwood, George, Cranford, N. J. Combination time indicator and sighting compass. 1,570,349; Jan. 19.
Holmes, Harleigh R., Littleton, Colo. Spring seat for trucks and automobiles. 1,570,063; Jan. 19.
Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Chain. 1,570,440; Jan. 19.
Holmquist, August, assignor, by mesne assignments, to Sprague-Sells Corporation, Hoopeston, Ill. Can-filling machine. 1,570,151; Jan. 19.
Holycross, Levva R., Columbus, Ohio. Toy balloon. 1,570,567; Jan. 19.
Hooker, James E., Tampa, Fla. Roof covering. 1,570,152; Jan. 19.
Hoover, Charles J., New York, N. Y. Plastic composition. 1,570,585; Jan. 19.
Hoover Company, The. (See Gat, John D., assignor.)
Horowitz, Jacob, Brooklyn, N. Y. Linseed-oil substitute. 1,570,252; Jan. 19.
Horrell, Maurice R., assignor of two-thirds to The Western Drilling Tool & Supply Co., Chanute, Kans. Operating member. 1,570,153; Jan. 19.
Horton, Joseph W., Bloomfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Sound-reproducing method and apparatus. 1,570,490; Jan. 19.
Houk, Robert H., Joliet, Ill. Thermostatic switch. 1,569,933; Jan. 19.
Howard, Charles E., Los Angeles, Calif. Sink. 1,569,978; Jan. 19.
Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Manufacture of sodium thiosulphate. 1,570,253; Jan. 19.
Howell, Edward N., Asheville, N. C. Combined box and table. 1,570,350; Jan. 19.

Howell, Richard, London, England. Valve and cock. 1,570,568; Jan. 19.
Hickok, George F., San Francisco, Calif. Safety hook. 1,570,149; Jan. 19.
Hildebrandt, Julius H., Cleveland, Ohio. Oil burner. 1,570,486; Jan. 19.
Hildebrandt, Julius H., Cleveland, Ohio. Oil burner. 1,570,487; Jan. 19.
Hildebrandt, Julius H., Cleveland, Ohio. Oil burner. 1,570,488; Jan. 19.
Hilger, Adam, Limited. (See Smith, Charles F., assignor.)
Hill, Elion S., New Hampton, N. H., assignor to Box Board Products, Inc., New York, N. Y. Box or carton. 1,569,932; Jan. 19.
Hill, Frank M., Riverside, N. J. Heater. 1,570,489; Jan. 19.
Hinds, Samuel S., Brooklyn, N. Y. T square. 1,570,150; Jan. 19.
Hine, Charles F. (See Rees, C., and Hine.)
Hubbard, Oscar S., Farmland, Ind. Hoisting crane. 1,569,970; Jan. 19.
Hughes, William H. (See Phillips, Bertram T., assignor.)
Hultin, Valter E., Stockholm, Sweden. Method and arrangement for fastening window and door frames. 1,570,351; Jan. 19.
Humes, Harry S., Venice, Calif. Sun-glare eyeshield. 1,570,254; Jan. 19.
Humleker, Peter D. (See Merz, O. H., and Humleker.)
Hunke, Hugo, Taylor, Tex. Fire-larm apparatus. 1,570,255; Jan. 19.
Hunsberger, George A. (See Sweeney, E., and Hunsberger.)
Hunt, Glen M., Saguache, Colo. Loader. 1,570,256; Jan. 19.
Hunter, James Machine Company, The. (See Kevlin, Mathew F., assignor.)
Hurley Machine Company. (See Fisher, Alva J., assignor.)
Hydrola Heater Corporation. (See Richardson, Charles C., assignor.)
Hynes, Lee P., assignor to Consolidated Car-Heating Company, Albany, N. Y. Train door-control system. 1,570,304; Jan. 19.
Hygienic Tube Co. (See Lermer, Herman B., assignor.)
Ideal Removable Body Company. (See Baxter, William M., assignor.)
Ilgenfritz, Lester M. (See Affel, H. A., and Ilgenfritz.)
Incandescent Supply Company. (See Ohm, Albert J. D., assignor.)
International Harvester Company. (See Pearson, Charles, assignor.)
International Harvester Company. (See Reschke, William F., assignor.)
International Motor Company. (See Leipert, August H., assignor.)
Irwin Auger Company, The. (See Waddell, Dean T., assignor.)
Irwin, William A., and E. S. Schwartz, New York, N. Y. Headlight. 1,570,491; Jan. 19.
Isom, Elbert C., Garden City, N. Y. Calculator. 1,570,352; Jan. 19.
Izzo, Bonaventuro, Bronx, N. Y. Sidewalk mat. 1,569,934; Jan. 19.
Jackman, Arthur J., Forest Hills Borough, assignor to Vesuvius Crucible Company, Swissvale, Pa. Making crucibles. 1,570,064; Jan. 19.
Jackson, Marvin J., Youngstown, Ohio. Garment supporter. 1,570,492; Jan. 19.
Jackson, Ovid M., Jackson, Mich. Steering gear. 1,570,493; Jan. 19.
Jacobi, Ernst. (See Goerz, P., and Jacobi.)
Jacobs, James J., and R. B. Bostwick, Duquesne, Pa. Lubricating apparatus. 1,570,305; Jan. 19.
Jacobsson, Rudolf, Kagerod, Sweden. Producing alumina. 1,570,353; Jan. 19.
Jager, Frank, assignor of one-half to S. A. Spry, deceased, Chicago, Ill.; E. J. Spry, administratrix. Car door. Re16,255; Jan. 19.
Jardine, William H., Philadelphia Pa. Ventilator. 1,570,441; Jan. 19.
Jewell, Albert H., assignor to The Perfected Chimney Company, Lawrence, Kans. Depending shield attachment for oil stoves. 1,570,494; Jan. 19.
Jewell, Albert H., assignor to The Perfected Chimney Company, Lawrence, Kans. Insulating attachment for oil-stove chimneys. 1,570,495; Jan. 19.
Johnson, Horace K., assignor of one-third to I. G. Boyce and C. A. Boyce and one-third to F. C. Hacheney, John Day, Oreg. Combined spare-tire carrier and rim contractor and expander. 1,569,980; Jan. 19.
Johnson, Lorenzo, Louisville, Ky. Machine for bending wood. 1,569,935; Jan. 19.
Johnson, Olof H., Duluth, Minn. Harrow. 1,570,154; Jan. 19.
Johnson, Tomlinson F., jr., Atlanta, Ga. Expulsion-type repeating fuse. 1,569,981; Jan. 19.
Johnson, William, Chicago, Ill. Combination bottle-opening tool. 1,570,306; Jan. 19.
Jones, Claude C., Charleston, W. Va. Truss-form system. 1,570,496; Jan. 19.
Jones, Leland, et al. (See Dresser, Robert A., assignor.)
Jones, Monrowe W., Ardmore, Okla. Fishing tool. 1,570,065; Jan. 19.
Jones, William E., White, assignor of one-half to F. S. Cannon, Crossett, Ark. Latch. 1,570,497; Jan. 19.
Jordan, Hans. (See Freund, E., and Jordan.)
Josephsohn, Julius, New York, N. Y. Candy doll. Des. 69,277; Jan. 19.
K-B Pulverizer Corporation. (See Blum, J. K., and Braine, assignors.)
Kalmanovitch, Jacob, Brooklyn, N. Y. Film-printing machine. 1,570,498; Jan. 19.
Kaprielian, Gabriel M., Fresno, Calif. Wardrobe suitcase. 1,569,982; Jan. 19.
Kar Engineering Company. (See McIntosh, Frederick P., assignor.)
Karbowski, Victor, Chicago, Ill., assignor of one-half to C. Laskowski, Baltimore, Md. Pipe connection. 1,570,155; Jan. 19.
Kasch, Henry J., assignor to The Kurz-Kasch Company, Dayton, Ohio. Potater knob for radio apparatus and the like. Des. 69,278; Jan. 19.
Kasley, Alexander T., Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company. Locomotive surface condenser. 1,570,354; Jan. 19.
Kaufmann, Alfred, Philadelphia, Pa. Wheel. 1,570,257; Jan. 19.
Kayser, Paul A., San Francisco, Calif. Kerosene heater. 1,569,983; Jan. 19.
Keane, John F., Bridgeport, Conn. Radio-battery-charging switch means. 1,570,499; Jan. 19.
Kearney, Arthur R., Golders Green, C. W. Taylor, London, England, and T. G. Leith, Oyne, Scotland. Chain belt. 1,570,380; Jan. 19.
Keen, John S. (See Glaenzer, H., and Keen.)
Keil, Hermann, Ettingshausen, Germany, assignor to W. Keil, New York, N. Y. Device for hoisting and lowering loads. 1,570,442; Jan. 19.
Keil, William. (See Keil, Hermann, assignor.)
Kellogg Company. (See Kellogg, John L., assignor.)
Kellogg, John L., assignor, by mesne assignments, to Kellogg Company, Battle Creek, Mich. Preparing cereal food. 1,569,861; Jan. 19.
Kelly, James J. (See Swiderski, Walter, assignor.)
Kelly, John M., et al. (See Dresser, Robert A., assignor.)
Kelsch, Jean C., Levallois-Perret, France. Rear-seat windshield. 1,570,569; Jan. 19.
Kelvinator Corporation. (See Mercer, William D., assignor.)
Kemble, Percy R., West Allis, assignor to The T. L. Smith Company, Milwaukee, Wis. Shaft-rocking mechanism. 1,569,984; Jan. 19.
Kenerson, Joseph E., Cliftondale, assignor to Trimont Manufacturing Company, Roxbury, Mass. Wrench. 1,570,586; Jan. 19.
Kennedy, Bert, Gloversville, N. Y. Golf bag. 1,570,500; Jan. 19.
Kennedy, David S., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing and distributing machine. 1,570,258; Jan. 19.
Kern, Elmer L. (See O'Neill, E. F., and Kern.)
Kevlin, Mathew F., Springfield, Vt., assignor to The James Hunter Machine Company, North Adams, Mass. Slatted conveyer or apron and the like. 1,570,587; Jan. 19.
Kimball, Frank J., Los Angeles, Calif., assignor to Frank J. Kimball Co. Air booster pump. 1,570,259; Jan. 19.
Kimball, Frank J., Co. (See Kimball, Frank J., assignor.)
King, Howard K., Philadelphia, Pa., assignor to Chambers Brothers Company. Brick machine and operating the same. 1,570,501; Jan. 19.
Kingsbury, Edward J. (See Kingsbury, Harry T. and E. J.)
Kingsbury, Harry T. and E. J., Keene, N. H. Drilling fixture. 1,570,156; Jan. 19.
Kirby, Clarence E., Chestertown, assignor of one-half to C. J. Butler, Easton, Md. Kinesitherapy apparatus. 1,570,307; Jan. 19.
Klinkerman, John H., assignor of one-half to J. A. Frick, Canton, Kans. Radiator attachment for tractors. 1,570,260; Jan. 19.
Kloneck, August J., New York, N. Y. Simultaneous sending and receiving system. 1,570,261; Jan. 19.
Knepper, Christopher B., Akron, Ohio. Valved air bag. 1,570,157; Jan. 19.
Knight, Norman W., Los Angeles, Calif. Direction signal. 1,570,158; Jan. 19.
Koeb, Emil, Tuckahoe, assignor, by mesne assignments, to Perfect Window regulator Corporation, Long Island City, N. Y. Window regulator. 1,570,502; Jan. 19.
Koppers Company, The. (See Darrin, Marc., assignor.)
Kornanek, John, assignor to E. Toman & Co., Chicago, Ill. Regulable tone-arm connecter. 1,570,308; Jan. 19.
Kralicek, Anton F., Baltimore, Md. Headlight. 1,570,503; Jan. 19.
Kränzlein, Georg, Sindlingen, near Hochst-on-the-Main, and M. Corell, assignors to Farbwerke vorm. Meister Lucius & Bruning, Hochst-on-the-Main, Germany. Preparing propylene-thiohydrin or propylene-ethylene-thiohydrin and products obtained thereby. 1,570,262; Jan. 19.
Kunlholm, Eric, assignor to O. W. Siebert Company, Gardner, Mass. Baby carriage. 1,569,985; Jan. 19.
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Casing for typewriting machines. 1,570,263; Jan. 19.

Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,570,309; Jan. 19.
Kurtz, Cyrus B., Lakewood, Ohio. Brake-actuating means for motor cars. 1,570,066; Jan. 19.
Kurtzeborn, Louis G., St. Louis, Mo. Holder for check books. 1,569,986; Jan. 19.
Kurz-Kasch Company, The. (See Kasch, Henry J., assignor.)
La Chapelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 1,570,067; Jan. 19.
Lake, Clair D., Binghamton, assignor to The Tabulating Machine Company, Endicott, N. Y. Automatically-controlled tabulating machine. 1,570,264; Jan. 19.
Lamberti, Vincenzo, Brooklyn, N. Y. Hedge trimmer. 1,569,987; Jan. 19.
Lamoureux, Joseph O., Montreal, Quebec, Canada. Stamp-canceling machine. 1,570,355; Jan. 19.
Land, Albert W., Topeka, Kans. Collar-band attachment. 1,569,988; Jan. 19.
Land, Edmund, Ridgefield Park, N. J., assignor to American Telephone and Telegraph Company. Machine-switching system. 1,569,936; Jan. 19.
Landis, Frank F., Waynesboro, Pa. Shock diffuser 1,570,159; Jan. 19.
Lane, Franklin L., assignor to P. B. Yates Machine Company, Beloit, Wis. Lubricating appliance. 1,570,356; Jan. 19.
Lane, Louis, Habana, Cuba. Roof or building tile. 1,570,504; Jan. 19.
Lapointe, Francis J., Ann Arbor, Mich. Broaching machine. 1,569,862; Jan. 19.
Laskowski, Charles. (See Karbowski, Victor, assignor.)
La Turner, Erben E., Jerome, Idaho. Mattress. 1,569,937; Jan. 19.
Laughlin, Myron P., Bath, Me. Electric telemotor apparatus. 1,570,505; Jan. 19.
Lawless, Christopher J., Ericson, Nebr. Cup hook and support. 1,569,863; Jan. 19.
Lawrence, Franklin, Portland, Me. Controlling device for heaters and the like. 1,570,570; Jan. 19.
Lawrenz, William F., Long Beach, Calif. Dental tooth-pick. 1,570,357; Jan. 19.
Lee, John M., Detroit, Mich. Pump mechanism. 1,570,381; Jan. 19.
Lebbink, Karel A., assignor to Naamlooze Vennootschap Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrode for discharge tubes. 1,570,265; Jan. 19.
Lecomte, Alphonse, Fall River, assignor to Draper Corporation, Hopedale, Mass. Thread-cutting temple for looms. 1,570,588; Jan. 19.
Le Cras, Thomas J., Toronto, Ontario, Canada. Truss pad. 1,570,571; Jan. 19.
Lee, Leif, Youngstown, Ohio. Rolling mill. 1,570,068; Jan. 19.
Leech, Francis B., and E. W. Titus, Washington, D. C., assignors to Rae-Lite Manufacturing Co., Baltimore, Md. Parking light. Re16,254; Jan. 19.
Le Gresley, Stanley G., Flint, Mich. Combined parallel ruie and compass. 1,569,938; Jan. 19.
Leipert, August H., assignor to International Motor Company, New York, N. Y. Universal joint. 1,569,989; Jan. 19.
Leith, Thomas G. (See Kearney, A. R., Taylor, and Leith.)
Leonard, Peter G., West Tulsa, Okla. Pipe-gripping device. 1,570,069; Jan. 19.
Leppert, Henry E., New Gritain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 1,569,864; Jan. 19.
Lermer, Herman B., assignor to Hygienic Tube Co., Newark, N. J. Collapsible-tube-closing apparatus. 1,569,865; Jan. 19.
Lesser-Carson Company. (See O'Brien, Thomas S., assignor.)
Levine, Philip, Brooklyn, N. Y. Holder for rolled material. 1,570,358; Jan. 19.
Lewis, Wilfred, Haverford, Pa. Attachment for roll-over pattern-drawing molding machines. 1,570,506; Jan. 19.
Liedtke, Louis C. (See Rispel, A., and Liedtke.)
Lieuwen, Peter, Harrison, S. Dak. Egg tray for incubators. 1,569,866; Jan. 19.
Lightfoot, Edwin N., New York, N. Y., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Electric appliance. 1,570,507; Jan. 19.
Lindhorst, Henry B., Springfield, Mo. Antiskid attachment for automobile wheels. 1,570,359; Jan. 19.
Lindsay, William, Denver, Colo. Illuminated step plate. 1,569,867; Jan. 19.
Linotype and Machinery Limited. (See Banks, John N., assignor.)
Linotype and Machinery Limited. (See Goulding, Benjamin J. J., assignor.)
Lippoldt, George F., Kinsley, Kans. Portable loader. 1,570,360; Jan. 19.
Ljungberg, Lawrence R., and W. A. Anderberg, assignors to Art Metal Construction Company, Jamestown, N. Y. Sheet-metal door and analogous structure. 1,570,310; Jan. 19.
Ljungström, Walfrid, Matfors, Sweden. Machine for packing paper rolls. 1,570,266; Jan. 19.
Loeb, Henry, New York, N. Y. Antitheft device. 1,569,868; Jan. 19.
Look, Fannie B., et al., trustees. (See Colby, Harold L., assignor.)
Lovering, Ersul E., Watford City, N. Dak. Feed box. 1,569,990; Jan. 19.
Lowenstein, Frank E., Atlanta, Ga. Container. 1,570,572; Jan. 19.
Lund, Thomas, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in the manufacturing of shoes. 1,569,991; Jan. 19.
Lungstras Dyeing and Cleaning Company. (See Lungstras, Paul, assignor.)
Lungstras, Paul, assignor to Lungstras Dyeing and Cleaning Company, St. Louis, Mo. Clothes-drying apparatus. 1,570,508; Jan. 19.
Lychou, Robert A., Chester, Pa. Window washer. 1,570,509; Jan. 19.
Lyhne, Anker S., Bridgeport, Conn. Vanity box. 1,570,382; Jan. 19.
Lyman, Edgar C., Burbank, Calif. Device for removing tires or wheels from motor trucks. 1,570,070; Jan. 19.
Lynch, Jerry. (See Wallace, Stephen J., assignor.)
M. Woelm A. G. (See Hahn, Martin, assignor.)
MacCarthy, John D., and H. O. Moulton, Ishpeming, Mich. Method and apparatus for conducting mining operations. 1,570,386; Jan. 19.
Mackenzie, Donald G., and M. H. Necker, Montreal, Quebec, Canada. Road-grading machine. 1,570,267; Jan. 19.
Mackenzie, Fred L. (See Goddu, G., and Mackenzie.)
Macleod, Eldon, et al., trustees. (See Colby, Harold L., assignor.)
MacLeod, Sidney B., South Chicago, Ill. Fish lure. 1,569,993; Jan. 19.
Maguire, Joseph T., Chevy Chase, Md. Metallic roof for tanks. 1,570,311; Jan. 19.
Maline Mills Company, The. (See Siewers, Walter L., assignor.)
Mallory, Harry C., Bellport, N. Y., assignor, by mesne assignments, to American Radiator Company, Chicago, Ill. Producing expansible-collapsible elements. 1,570,312; Jan. 19.
Manhattan Electrical Supply Company. (See Yngve, Victor, assignor.)
Manly, Charles M., Richmond Hill, N. Y., assignor to O. & W. Company. Tire and demountable rim. 1,570,590; Jan. 19.
Marchese, Paul, Norristown, Pa. Toy. 1,570,511; Jan. 19.
Martin, Dorr R., Detroit, Mich. Thermostatic control device for fuel burners. 1,569,994; Jan. 19.
Marx, Louis, New York, N. Y. Figure toy. 1,570,268; Jan. 19.
Mason Regulator Company. (See Colby, Harold L.)
Massy, Skiles F., Pittsburgh, Pa. Sanitary cuspidor. 1,570,512; Jan. 19.
Mattingly, Frank H., et al. (See Herr, Von H., assignor.)
Mattingly, Frank H., Washington, D. C., assignor of one-third to A. E. Zintl, Woodbury, N. J., and one-third to R. V. Willett, Washington, D. C. Napkin moistener. 1,570,163; Jan. 19.
Matz, Akacius E. (See Bruhn, J. H., and Matz.)
Mavrogenis, Aristote, Milwaukee, Wis. Wireless apparatus. 1,570,444; Jan. 19.
Maxted-Massey, Edgar, South Ashford, England. Pianoforte. 1,570,513; Jan. 19.
Maxwell, Leslie F. (See Grain, F. H., and Maxwell.)
Mayer, Leo, Chicago, Ill. Temporary cover for bathtubs. 1,570,164; Jan. 19.
McAuliff, Edward, et al. (See Biggers, Lee P., assignor.)
McCandlish, Douglas, Leeds, and W. R. Atkin, Heckmondwike, England. Treatment of hides and skins for manufacture into leather. 1,570,383; Jan. 19.
McCann, Michael, Glenmorris, assignor to Frederick Osann Company, New York, N. Y. Thread puller for automatic-stop sewing machines. 1,569,992; Jan. 19.
McClure, Edward, assignor of one-half to F. P. Smith, Chicago, Ill. Platform structure. 1,570,384; Jan. 19.
McCollum, Fenelon, jr., Mansfield Depot, Conn. Figure wheeled toy. 1,570,160; Jan. 19.
McConnel, Charles W., et al., trustees. (See Colby, Harold L., assignor.)
McCoy, Joseph A. (See Cardey, George W., assignor.)
McCurdy, Robert P., Pittsburgh, Pa., and F. W. Hochstetter, Dayton, Ohio, assignors to J. C. Trees, Pittsburgh, Pa. Headlight. 1,570,589; Jan. 19.
McFarland, Benjamin M. and M. A. Dimmick, El Dorado, Kans. Long-stroke amplifying device. 1,570,385; Jan. 19.
McIntosh, Frederick P., assignor to Kar Engineering Company, Incorporated, New York, N. Y. Connecter switch. 1,569,869; Jan. 19.
McKee, Ralph H., New York, N. Y. Motor fuel. 1,570,161; Jan. 19.
McKeehan, John W., Contra Costa County, and G. J. Henry, San Francisco, Calif. Warming floors. 1,570,162; Jan. 19.
McQuirk, Phil S., Audubon, Iowa. Golf bag. 1,570,510; Jan. 19.
McSorley, Emma R., Woodhaven, N. Y. Food product. 1,570,443; Jan. 19.
Mebane, James A., South Boston, Va. Axle brace and positioner. 1,569,995; Jan. 19.
Mee, James I., Hamilton, Ohio. Alloy. 1,569,996; Jan. 19.

Meingast, Rudolf, and M. Mugdan, assignors to Consortium für elektrochemische Industrie G. m. b. H., Munich, Germany. Manufacturing acetic anhydride. 1,570,514; Jan. 19.
Melancon, Joseph A., Donaldsonville, La. Cane harvester. 1,570,269; Jan. 19.
Melikov, Gregor, Chicago, Ill., assignor to National Advertising Contest Co. Advertising-contest card. Des. 69,279; Jan. 19.
Meltzer, Ellie, New York, N. Y. Hand bag. 1,570,515; Jan. 19.
Mercer, William D., assignor by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Automatic electric machinery. 1,570,591; Jan. 19.
Mercier, Joseph, assignor of one-half to L. G. Gilleleu, Los Angeles, Calif. Jack. 1,570,071; Jan. 19.
Mergenthaler Linotype Company. (See Kennedy, David S., assignor.)
Merrill, Allan B., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Attaching rubber to metal and article produced thereby. 1,570,445; Jan. 19.
Merrill, Ira J., Seattle, Wash. Trailer. 1,570,165; Jan. 19.
Mers, Otto H., West Allis, and P. D. Humleker, Fond du Lac, assignors to Convertible Door Manufacturing Company, West Allis, Wis. Locking means. 1,570,072; Jan. 19.
Metallbank und Metallurgische Gesellschaft, Aktienge sellschaft. (See Henkel, Eugen, assignor.)
Meyer, Daniel F., assignor to R. D. Swisher Mfg. Co., Chicago, Ill. Hand stamp for convex surfaces. 1,570,387; Jan. 19.
Meyers, Leo L. (See Wood, A. C., and Meyers.)
Michigan Steel Castings Company. (See Flintermann, Rudolph F., assignor.)
Mikle, Clinton O., Portland, Oreg. Locomotive. 1,570,313; Jan. 19.
Miller, Frank B., Kansas City, Mo. Class-room wardrobe and blackboard. 1,570,388; Jan. 19.
Miller, Joseph H., Harrisburg, Tex. Dispensing can. 1,570,270; Jan. 19.
Miller, Thomas D., Clarkesville, Md. Shingle. 1,570,516; Jan. 19.
Milwaukee Dairy Supply Mfg. Co. (See Strandt, Gustav, assignor.)
Minnick, Howard B., Chicago, Ill. Game. 1,570,517; Jan. 19.
Minor, Burt S., Los Angeles, assignor to Regan Forge and Engineering Company, Inc., San Pedro, Calif. Sheave block. 1,570,271; Jan. 19.
Mitchell, Joseph S., Chicago, Ill., assignor to Sullivan Machinery Company. Method and apparatus for drilling holes. 1,570,518; Jan. 19.
Mittinger, George E., Cleveland Heights, Ohio. Fastening and clamping ring. 1,570,519; Jan. 19.
Möller, Conrad, Berlin-Charlottenburg, Germany. Discharging device for vehicles. 1,569,997; Jan. 19.
Mombaruzzo, Luigi, New York, N. Y. Thermostatic control. 1,570,446; Jan. 19.
Morgenier, Robert, assignor of one-sixth to G. A. Russell and one-half to H. C. Russell, Oakland, Calif. Treating seed hulls and product. 1,570,389; Jan. 19.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Refining oils. 1,569,870; Jan. 19.
Morrell, Jacque C., assignor to The Universal Oil Products Company, Chicago, Ill. Refining hydrocarbon oil. 1,569,871; Jan. 19.
Morrell, Jacque C., assignor to The Universal Oil Products Company, Chicago, Ill. Refining cracked hydrocarbon oil. 1,569,872; Jan. 19.
Morris, Alonzo, Sabina, Ohio. Grinding tool. 1,570,166; Jan. 19.
Mortensen, August, assignor to The "Frisco" Mfg. Co. Inc., San Francisco, Calif. Pedal-operated drum beater and cymbal sounder. 1,570,167; Jan. 19.
Mortensen, August, assignor to The "Frisco" Mfg. Co. Inc., San Francisco, Calif. Musical-instrument support. 1,570,168; Jan. 19.
Moss, David H., assignor to Brandes Laboratories, Inc., Newark, N. J. Casing for a phonograph loud-speaker unit. Des. 69,280; Jan. 19.
Moss, Samuel A., Oakland, Calif. Shock absorber for vehicles. 1,569,873; Jan. 19.
Moss, Sanford A., Lynn, Mass., assignor to General Electric Company. Gas producer. 1,570,314; Jan. 19.
Motor Player Corporation. (See Hanson, Clinton H., assignor.)
Moulton, Henry O. (See MacCarthy, J. D., and Moulton.)
Mugdan, Martin. (See Maingast, R., and Mugdan.)
Müller, Friederich, assignor to The Whitney Mfg. Co., Hartford, Conn. Power-transmission chain. 1,570,272; Jan. 19.
Müller, Friederich, assignor to The Whitney Mfg. Co., Hartford, Conn. Power-transmission chain. 1,570,273; Jan. 19.
Müller, Friederich, assignor to The Whitney Mfg. Co., Hartford, Conn. Power-transmission chain. 1,570,274; Jan. 19.
Muller, George W., Washington, D. C. Railway rail and tie securing device. 1,570,390; Jan. 19.
Murphy, Morton, Rushville, Ind. Electric toaster. 1,570,447; Jan. 19.
Murphy, P. H., Company. (See Bonsall, Charles D., assignor.)
Musgrave, Joseph L., and R. G. Crittall, London, England. Apparatus for constructing reenforced concrete structures which contain embedded means for circulating a heating or cooling medium. 1,570,448; Jan. 19.
Myers, Archie, Sacramento, Calif. Pet-cock-operating device. 1,569,998; Jan. 19.
Myers, Lewis C. (See Hess, E. B., and Myers.)
Naamlooze Vennootschap Bataafsche Petroleum Maatschappij. (See de Brey, Jan H. C., assignor.)
Naamlooze Vennootschap Philips Gloeilampenfabrieken. (See Lebbink, Karel A., assignor.)
Nagel, Carl E. (See Small, F. F., and Nagel.)
Nalle, Ella A., Baltimore, Md. Hat bag. 1,570,275; Jan. 19.
National Advertising Contest Co. (See Melikov, Gregor, assignor.)
National Automatic Tool Company, The. (See Dine, Frank W., assignor.)
National Carbon Company. (See Ocean, Charles, assignor.)
National Supply Company, The. (See Goeser, E. W., and Davidson, assignors.)
Necker, Marius H. (See Mackenzie D. G., and Necker.)
Nelson, Adolph O., Chicago, Ill. Holder for toilet articles. Des. 69,281; Jan. 19.
Nelson, Joseph E., & Sons. (See Tanner, Inos B., assignor.)
Nelson, Mark W., Lincoln, and W. F. Nelson, College View, Nebr. Plastic composition, a putty or a filler cement. 1,570,169; Jan. 19.
Nelson, Victor E., Redford, Mich. Clothes tongs. 1,569,999; Jan. 19.
Nelson, Walter F. (See Nelson, Mark W., and W. F.)
Nevatt, Charles, Glasgow, Scotland. Window-blind fitting. 1,570,573; Jan. 19.
Nevatt, Charles, Glasgow, Scotland. Roller-window-blind fitting. 1,570,574; Jan. 19.
Newby, Neni D., New York, N. Y., assignor to American Telephone and Telegraph Company, Indicating means for calling dials. 1,569,874; Jan. 19.
Newhall, Henry B., Plainfield, N. J. Switch indicator. 1,570,315; Jan. 19.
Newman, Samuel, Cincinnati, Ohio. Necktie presser. 1,570,391; Jan. 19.
Niles-Bement-Pond Company. (See Blood, H. L., and Deale, assignors.)
Niles-Bement-Pond Company. (See Rausch, Roswell H., assignor.)
Nixon, Horace C., Saskatoon, Saskatchewan, Canada. Closure for pipes, valves, and other vessels. 1,569,875; Jan. 19.
Noe, William R., & Sons. (See Villaret, Gustave E., assignor.)
Non-Explosive Corporation of America. (See Cohn, Jacob, assignor.)
Nordberg, Bruno V., deceased, Milwaukee, Wis.; H. C. Nordberg, executrix. Valve for air compressors and the like. 1,570,392; Jan. 19.
Nordberg, Helena C., executrix. (See Nordberg, Bruno V.)
Norman, Francis H., Roann, Ind. Tractor guide. 1,570,276; Jan. 19.
Norsk Hydro-Elektrisk Kvaelstofaktieselskab. (See Cederberg, Ivar W., assignor.)
Noyes, Harold E., Claremont, N. H. Concrete form. 1,569,876; Jan. 19.
Nystrom, Martin, Chicago, Ill., assignor to Brunswick-Balke-Collender Company, Wilmington, Del. Cabinet for a sound-reproducing machine. Des. 69,282; Jan. 19.
O. & W. Company. (See Manly, Charles M., assignor.)
Oberle, Alfred, Oak Park, Ill., assignor of one-half to T. E. Scofield, Kansas City, Mo. Recovering vanadium from petroleum hydrocarbons. 1,570,170; Jan. 19.
O'Brien, Thomas S., Oakland, assignor to Lesser-Carson Company, San Francisco, Calif. Road-working apparatus. 1,570,171; Jan. 19.
Oehrli, Arthur O., Williamsport, Pa. Testing appliance. 1,570,520; Jan. 19.
Ohio Match Company, The. (See Parker, Lucian E., assignor.)
Ohm, Albert J. D., New York, N. Y., assignor to Incandescent Supply Company. Radiocabinet. Des. 69,283; Jan. 19.
Olsen, John K., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Strainer for vacuum tanks. 1,570,073; Jan. 19.
O'Neil, Murt L., Warland, Mont., assignor to R. J. O'Neil, Swissbome, Oreg. Gravel bin. 1,570,172; Jan. 19.
O'Neil, Robert J. (See O'Neil, Murt L., assignor.)
O'Neill, Eugene F. and E. L. Kern, Minneapolis, Minn. Pool-table ball collecting and returning device. 1,570,173; Jan. 19.
Optische Anstalt C. P. Goerz Aktiengesellschaft. (See Goerz, P., and Jacobi, assignors.)
Osann, Frederick, Company. (See McCann, Michael, assignor.)
Ocean, Charles, Woodcliff, N. J., assignor to National Carbon Company, Inc. Flash light. 1,570,393; Jan. 19.

Osgood, Louis A., Hartford, Conn., and E. E. Wolf, Springfield, Ohio, assignors to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Scale. 1,570,074; Jan. 19.

Otto, Albert T., & Sons. (See Harter, Hans, assignor.)

Owens, John B., Oleika, Ky. Boring machine. 1,570,181; Jan. 19.

Owens, Samuel L., Washington, D. C. Apparatus for maintaining constant temperature on a portion of the body. 1,569,877; Jan. 19.

Packard Motor Car Company. (See Hammerl, Jacob, assignor.)

Page, Ralph E., Binghamton, assignor to The Tabulating Machine Company, Endicott, N. Y. Card-delivering device. 1,570,182; Jan. 19.

Paine, George G., Ludlow, Ky. Shuttle casing for sewing machines. 1,570,075; Jan. 19.

Palermiti, Joseph, Detroit, Mich. Radiator. 1,570,316; Jan. 19.

Parker, Lucian E., assignor to The Ohio Match Company, Wadsworth, Ohio. Sheet-feeding mechanism for forming machines. 1,570,592; Jan. 19.

Parliament, Hector H., Henry, S. Dak. Grain-elevator attachment. 1,570,521; Jan. 19.

Parks-Cramer Company. (See Hodge, William B., assignor.)

Parks, Joseph L., Henderson, N. C. Cotton chopper. 1,570,277; Jan. 19.

Patent Button Company, The. (See Abel, Walter T., assignor.)

Patent Button Company, The. (See Purinton, Forrest G., assignor.)

Patent Button Company, The. (See White, Franklin R., assignor.)

Paterson, May H. (See Paterson, William and M. H.)

Paterson, William and M. H., Oakland, Calif. Truck tire traction chain. 1,570,174; Jan. 19.

Patterson, Chester J., Lancaster, Pa. Road equalizer. 1,570,522; Jan. 19.

Pawling and Harmschfeger Company. (See Wehner, Lewis, assignor.)

Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Printing machine. 1,570,175; Jan. 19.

Peacock, Samuel, and N. E. Cook, Wheeling, W. Va. Degassing and deoxidizing steel. 1,570,176; Jan. 19.

Pearson, Charles, Chicago, Ill., assignor to International Harvester Company. Power lift for mower bars. 1,569,878; Jan. 19.

Pearson, Charles H. (See Bold, Frederick W., assignor.)

Pease, Isaac M., Cincinnati, Ohio. Arch support. 1,570,000; Jan. 19.

Pease, Isaac M., Cincinnati, Ohio. Arch support. 1,570,001; Jan. 19.

Pekett Headwear Co. (See Goldstein, Isidore, assignor.)

Penn Spring Works Incorporated. (See Robinson, Frederick D., assignor.)

Pennell, Reginald H. L., Cairo, Egypt. Filtration of water or liquid. 1,570,523; Jan. 19.

Pérez, Manuel H., San Pedro Sula, Honduras. Hemstitch machine. 1,570,278; Jan. 19.

Perfected Chimney Company, The. (See Jewell, Albert H., assignor.)

Perfect Window Regulator Corporation. (See Koeb, Emil, assignor.)

Performo-Toy Company. (See Grove, Rene D., assignor.)

Perry, Joseph M., Mayfield, Pa. Nut lock. 1,570,002; Jan. 19.

Peters, Frank R., New York, N. Y., assignor to Franklin Railway Supply Company. Controlling mechanism for locomotive booster motors. 1,570,394; Jan. 19.

Petersen, Frank H., assignor of one-half to C. N. Rose, Denver, Colo. Weight for the horns of cattle. 1,570,524; Jan. 19.

Peterson, William, Brooklyn, N. Y., assignor of one-fourth to C. E. Stewart, St. Paul, Minn. Ejector pawl. 1,570,317; Jan. 19.

Phillips, Bertram T., assignor to W. H. Hughes, Cleveland, Ohio. Shock absorber. 1,570,395; Jan. 19.

Pickering, Albert V., assignor to Townsend Manufacturing Corporation, West Townsend, Mass. Oil burner. 1,570,003; Jan. 19.

Picó, Carlos S., San Juan, P. R. Air brake. 1,570,279; Jan. 19.

Pitman, Earle C., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nonstatic photographic film. 1,570,076; Jan. 19.

Pitman, Earle C., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nonstatic photographic film. 1,570,077; Jan. 19.

Pitman, Earle C., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nonstatic photographic film. 1,570,078; Jan. 19.

Pitman, Earle C., Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nonstatic film and backing solution for use in making same. 1,570,079; Jan. 19.

Pittelkow, August, assignor to Erie Can Company, Chicago, Ill. Lock for box lids and the like. 1,570,449; Jan. 19.

Pittsburgh Plate Glass Company, The. (See Galt, Hugh A., assignor.)

Pointer, James B., Cleveland, Ohio. Sanding block. 1,570,177; Jan. 19.

Pollard, Edson T., Niagara Falls, N. Y. Stone-cutting machine. 1,570,318; Jan. 19.

Pollock, Gordon B., Hollywood, Calif. Bracket. 1,570,396; Jan. 19.

Pond, George F., East Aurora, assignor to G. J. Evans, Buffalo, N. Y. Printing apparatus. 1,570,450; Jan. 19.

Pratt & Whitney Company. (See Buckingham, Earle, assignor.)

Pratt & Whitney Company. (See Doane, John A., assignor.)

Preston, Clarence S., San Diego, Calif. Tire valve. 1,570,397; Jan. 19.

Prevost, Frank, Lead, S. Dak. Code machine. 1,570,178; Jan. 19.

Pritner, Lindsay C., and H. C. Dorris, Johnstown, Pa. Making side frames. 1,569,879; Jan. 19.

Prouty, Morton D., R. Craig, C. Rawlings, and H. Carlson, Galva, Iowa. Device for illuminating oil gauges. 1,570,179; Jan. 19.

Pruitt, Wesley C. (See Helmle, Herman C., assignor.)

Pulliam, William Z., Los Angeles, Calif. Water plug. 1,570,180; Jan. 19.

Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Button. 1,570,398; Jan. 19.

Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Seal or tag for meats. 1,570,399; Jan. 19.

Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Seal or tag for meats. 1,570,400; Jan. 19.

Purvis, Edward R., Shreveport, La. Pump jack. 1,570,280; Jan. 19.

Pyrene Manufacturing Company. (See Hobbs, John W., assignor.)

Rae-Lite Manufacturing Co. (See Leech, F. B., and Titus, assignors.)

Railway Utility Company. (See Hartwig, William G., assignor.)

Ramsburg, Charles J., Edgeworth, Pa. Method and apparatus for conditioning air. 1,570,184; Jan. 19.

Rausch, Roswell H., Plainfield, N. J., assignor to Niles-Bement-Pond Company, New York, N. Y. Saddle-traversing mechanism. 1,570,401; Jan. 19.

Rauschenberg, Sidney, San Diego, Calif. Decorative exfoliated shell and producing the same. 1,570,183; Jan. 19.

Rawlings, Clifford. (See Prouty, M. D., Craig, Rawlings, and Carlson.)

Rayburn, Alden G. (See Sumner, J. W., and Rayburn.)

Raymond, Achille F., Grenoble, France. Two-head rotatable fastening device. 1,570,281; Jan. 19.

Raymond, Lambert L. (See Ripczinske, Lambert L.)

Reach, William F., Chicopee, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Discus. 1,570,185; Jan. 19.

Reed-Prentice Company. (See Hoagland, Frank O., assignor.)

Reed, Ralph R., Bellingham, Wash. Detective photographing system. 1,570,004; Jan. 19.

Rees, Claude, and C. F. Hine, San Francisco, Calif. Drying apparatus. 1,569,880; Jan. 19.

Regan Forge and Engineering Company, Inc. (See Minor, Burt S., assignor.)

Reiber, Cora S. (See Dodman, A. C., jr., and Reiber.)

Reid, James S., assignor to The Easy-On Cap Company, Cleveland, Ohio. Tank or can closure. 1,569,881; Jan. 19.

Reinbold, Herman and H. R., Omaha, Nebr.; said H. Reinbold assignor to said Herman Reinbold. Medium for bleaching, cracking, and desulphurizing petroleum and other hydrocarbon compounds and preparing same. 1,570,005; Jan. 19.

Reinbold, Herman and H. R., Omaha, Nebr.; said H. Reinbold assignor to said Herman Reinbold. Treating alumino-silicates. 1,570,006; Jan. 19.

Reinbold, Hugo. (See Reinbold, Herman and H.)

Reiter, George, Cincinnati, Ohio. Extension-limiting means for grass shears. 1,570,282; Jan. 19.

Remington Typewriter Company. (See Holden, Joseph B., assignor.)

Renard, Albert. (See Renard, Pierre and A.)

Renard, Pierre and A., Nonancourt, France. Stopping device for looms. 1,570,283; Jan. 19.

Renner, Herbert, assignor to Forest Research Corporation, Philadelphia, Pa. Dyeing wood. 1,570,575; Jan. 19.

Replogle, John R., assignor to The Security Trust Company, trustee, Detroit, Mich. Sealing strip. 1,570,186; Jan. 19.

Reschke, William F., Wichita, Kans., assignor to International Harvester Company, Chicago, Ill. Straw-spreading attachment. 1,569,882; Jan. 19.

Resek, Marc. (See Chadwick, L. S., and Resek.)

Reuter, Harry W., Kankakee, assignor of one-half to J. S. Burton, Chicago, Ill. Combined radiator shield and humidifier. 1,570,402; Jan. 19.

Reynolds, Carrie B. (See Reynolds, Charles T., assignor.)

Reynolds, Charles T., assignor of one-sixth to C. B. Reynolds, Columbia, S. C. Lock-gear disk wheel. 1,570,319; Jan. 19.

Rhodes, Russell I., North Attleboro, Mass. Jewelry-box hinge. 1,570,411; Jan. 19.

Richardson, Charles C., New York, N. Y., by process of law assignor to Hydrola Heater Corporation. Combination burner and generator. 1,569,883; Jan. 19.

Richardson, Nova E., Kansas City, Mo. Automatic cut-off. 1,570,007; Jan. 19.

Richardson, Ralph B., Peoria, Ill. Gas main controller. 1,570,008; Jan. 19.

Riddle, Edward N., Company, The. (See Crowell, Frank S., assignor.)

Ringler, William A., New York, N. Y., assignor to The Globe-Wernicke Company. Visible-index device. 1,569,884; Jan. 19.

Ripczinske, Lambert L., by change of name L. L. Raymond, Robbinsdale, Minn. Christmas-tree support and water container. 1,570,408; Jan. 19.

Rippin, William H., Desford, near Leicester, England. Dough-molding and like machine. 1,570,525; Jan. 19.

Rispel, Alexander and L. C. Liedtke, Chicago, Ill. License-plate holder. Des. 69,284; Jan. 19.

Rittenhouse, Walter B. (See Fisher, H. H., and Rittenhouse.)

Riverview Park Company. (See Wolkenbauer, Gustav, assignor.)

Rivitz, Charles S., Cleveland, Ohio. Ladder shoe. 1,570,576; Jan. 19.

Robbins, Meyer L., assignor to Untermeyer, Robbins & Co., New York, N. Y. Gem-set ring. Des. 69,285; Jan. 19.

Robbins, Meyer L., assignor to Untermeyer, Robbins & Co., New York, N. Y. Finger ring. Des. 69,286; Jan. 19.

Robbins, Meyer L., assignor to Untermeyer, Robbins & Co., New York, N. Y. Gem-set finger ring. Des. 69,287; Jan. 19.

Robblee, Ide L., Southbridge, Mass. Sled. 1,569,885; Jan. 19.

Robinson, Frederick D., assignor to Penn Spring Works Incorporated, Baldwinsville, N. Y. Spring bumper for automobiles. 1,570,526; Jan. 19.

Rodd, Roy. (See Appleby, William H., assignor.)

Rogers, George M., (See Garrett, J. E., and Rogers.)

Rohner, Philip B., assignor of one-half to A. A. Drees, Carroll, Iowa. Air-brake-release valve. 1,570,187; Jan. 19.

Romero, Antonio S., Santurce, and L. R. Gonzalez, San Juan, P. R. Air washing and conditioning apparatus. 1,570,577; Jan. 19.

Ronca, Louis and S. Santoro, assignors to Bumper and Fender Co., Inc., Jersey City, N. J. Combined bumper and fender. 1,570,527; Jan. 19.

Rose, Carl N. (See Petersen, Frank H., assignor.)

Rosenberg, Benjamin, Brooklyn, N. Y. Display receptacle. 1,569,886; Jan. 19.

Rosenberg, Jacob. (See Allendorf, Friedrich, assignor.)

Ross, J. J., Mill Furnishing Company. (See Ross, James J., assignor.)

Ross, James J., assignor to The J. J. Ross Mill Furnishing Company, Portland, Oreg. Grain huller. 1,570,081; Jan. 19.

Rotinoff, Alexander G., London, England. Pile and pile driving. 1,570,404; Jan. 19.

Royal Typewriter Company. (See Handley, George F., assignor.)

Royal Typewriter Company. (See Hess, E. B., and Myers, assignors.)

Royal Typewriter Company. (See Hess, Edward B., assignor.)

Royce, Howard W., Chicago, Ill. Time-controlled regulator for heating systems. 1,570,082; Jan. 19.

Rumely, Vincent P., assignor to Essex Motors, Detroit, Mich. Quarter pad for vehicle tops. 1,570,412; Jan. 19.

Rumford Chemical Works. (See Wilson, Ellery L., assignor.)

Runzi, Charles, St. Louis, Mo. Knife-blade sharpener. 1,570,083; Jan. 19.

Russell, Gregg A., et al. (See Morgenier, Robert, assignor.)

Russell, Hugh C., et al. (See Morgenier, Robert, assignor.)

Russell, Robert A., Ridgewood, N. J. Ash receiver. Des. 69,288; Jan. 19.

Russell, Thomas C., Chicago, Ill. Electric-resistance element. 1,570,084; Jan. 19.

Salerno, Ferdinando G., Chicago, Ill. Machine for coating wafers. 1,570,405; Jan. 19.

Salisbury, Robert F., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Polishing machine. 1,570,406; Jan. 19.

Sanders, Albert D., jr., Evanston, assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Refrigerator. 1,570,009; Jan. 19.

Santoro, Stanislao. (See Ronca, L., and Santoro.)

Sargent, Charles E., Rock Island, Ill. Poppet-valve rotator. 1,569,887; Jan. 19.

Saze, Walter E., Los Angeles, Calif. Excavator. 1,570,085; Jan. 19.

Schaffer, John C., Pittsburg, Pa. Nodulisation. 1,570,086; Jan. 19.

Schaffner, Leon R., Fort Dodge, Iowa. Coaster wagon. 1,570,528; Jan. 19.

Scherer, Benoit. Courbevoie, France. Orientable headlight for automobiles. 1,570,284; Jan. 19.

Schleyer, Victor, assignor, by mesne assignments, to Dean Hill Pump Company, Anderson, Ind. Cleaning lubrication of deep-well pumps. 1,570,285; Jan. 19.

Schneider, Leopold C., Hatboro, Pa. Trap. 1,570,578; Jan. 19.

Schnoebelen, Louis V., Iowa City, Iowa. Planter. 1,570,087; Jan. 19.

Schoeller, Alfred, Frankfort-on-the-Main, Germany. Electric cigar lighter. 1,570,286; Jan. 19.

Schou, Einar V., Paisgaard, near Juelsminde, Denmark. Manufacture of margarine and edible fats. 1,570,529; Jan. 19.

Schutte and Koerting Company. (See Zimmermann, Hans J., assignor.)

Schwab, Louis J., Peoria, Ill. Turnover mechanism. 1,570,088; Jan. 19.

Schwartz, Edward S. (See Irwin, W. A., and Schwartz.)

Schwartzberg, Alter L., Shreveport, La. Ventilator. 1,570,089; Jan. 19.

Scofield, Thomas E. (See Oberle, Alfred, assignor.)

Scovill Manufacturing Company. (See Dowd, Lewis M., assignor.)

Scovill Manufacturing Company. (See Warner, Frank E., assignor.)

Scowcroft, Heber, jr., Ogden, Utah. Fuel-feeding system. 1,570,010; Jan. 19.

Security Trust Company, The. (See Replogle, John R., assignor.)

Seidel, Albin, assignor to The Becker-Seidel Company, Cleveland, Ohio. Wall-radiator support. 1,570,407; Jan. 19.

Seil, Helmut, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone. 1,570,287; Jan. 19.

Serewicz, Albert E., Chicago, Ill. Spark plug and making same. 1,570,320; Jan. 19.

Serafé, Jacques E., Brussels, Belgium. Machinasm for raising and lowering the window frames in convertible vehicle bodies. 1,570,011; Jan. 19.

Shaw, Nathan. (See Strouse, A. L., and Weinschenk, assignor.)

Sheets, William P., Glendale, Ariz. Dirigible headlight. 1,570,188; Jan. 19.

Sheller, Harry E., Portland, Ind. Steering wheel. 1,569,888; Jan. 19.

Shoecraft, Judson, Eskridge, Kans. Train-control system. 1,570,530; Jan. 19.

Siebert, O. W., Company. (See Kuniholm, Eric, assignor.)

Siegel, Maude, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress-trimming ornament. Des. 69,289; Jan. 19.

Siemens & Halske, Aktiengesellschaft. (See Duhme, Emil, assignor.)

Siemens & Halske, Aktiengesellschaft. (See Seil, Helmut, assignor.)

Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung. (See Gleichmann, H., and Stender, assignors.)

Siewers, Walter L., assignor to The Maline Mills Company, Winston-Salem, N. C. Lady's undergarment. 1,569,889; Jan. 19.

Silverstein, Oscar. (See Van Valkenberg, Eber H., assignor.)

Simmons, Robert P., Cleveland, Ohio. Electric hair waver. 1,570,012; Jan. 19.

Simoneau, Simon, Chicopee Falls, Mass. Hat holder. 1,570,451; Jan. 19.

Simpson, George S. (See Crossley, M. L., and Simpson.)

Simpson, John H., Providence, R. I. Contact-filing device. 1,570,090; Jan. 19.

Singer Manufacturing Company, The. (See Clayton, Andrew B., assignor.)

Sjobring, Nels P., and M. Swanson, assignors to Globe Steel Tubes Company, Milwaukee, Wis. Adjusting means for rollers. 1,570,452; Jan. 19.

Sloan, Carl T., Wilkinsburg, Pa. Ash tray. Des. 69,290; Jan. 19.

Small, Fred F., and C. E. Nagel, Oakland, Calif. Locomotive and vehicle drive mechanisms. 1,570,091; Jan. 19.

Smidth, F. L., & Co. (See Herbst, Peter V. A. A., assignor.)

Smith, Albert W., St. Louis, Mo. Bed. 1,570,580; Jan. 19.

Smith, Albert W., and W. J. Duvall, St. Louis, Mo. Bed. 1,570,579; Jan. 19.

Smith, Alfred H., deceased, New York, N. Y.; M. E. Smith and E. H. Smith, executors. Interchangeable car unit. 1,570,288; Jan. 19.

Smith, Charles, St. Louis, Mo. Charge-heating device for internal-combustion engines. 1,570,413; Jan. 19.

Smith, Charles F., assignor to Adam Hilger, Limited, London, England. Camera. 1,570,453; Jan. 19.

Smith, Emery H., et al., executors. (See Smith, Alfred H.)

Smith, Franklin P. (See McClure, Edward, assignor.)

Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,569,890; Jan. 19.

Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,569,891; Jan. 19.

Smith, John A., Bellevue, Ky. Grinding machine. 1,570,092; Jan. 19.

Smith, Maude E., et al., executors. (See Smith, Alfred H.)
Smith, Newman W., May, Ill. Fountain comb. 1,570,013; Jan. 19.
Smith, S. Morgan, Company. (See Syvertsen, Harald, assignor.)
Smith, T. L., Company. (See Kemble, Percy R., assignor.)
Snapp, Le Roy F., Brooklyn, N. Y. Swimming appliance. 1,569,892; Jan. 19.
Snodgrass, William, Senado, Cuba. Sugar-cane harvester. 1,570,093; Jan. 19.
Sorrells, James A., Gainesville, Ga., assignor to Draper Corporation, Hopedale, Mass. Thread-cutting temple for looms. 1,570,593; Jan. 19.
Spalding, A. G., & Bros. (See Reach, William F., assignor.)
Sperling, Max J., Chicago, Ill. Shoe-cleaning device. 1,569,939; Jan. 19.
Sprague-Sells Corporation. (See Holmquist, August, assignor.)
Spry, Elizabeth J., administratrix. (See Jager, Frank.)
Spry, Samuel A. (See Jager, Frank, assignor.)
Standard Oil Company. (See Conley, Gardner L., assignor.)
Steinmetz, Herman W., Rochester, N. Y. Game apparatus. 1,569,893; Jan. 19.
Stender, Waldemar. See Gleichmann, H., and Stender.)
Steppinge, Max E. (See Brodersen, L., and Steppinge.)
Stevens, Douglas F., assignor to I. K. Stevens, Danville, Ill. Apparatus for and method of ornamenting surfaces of ceramic products. 1,570,594; Jan. 19.
Stevens, Douglas F., assignor to I. K. Stevens, Danville, Ill. Structural unit. 1,570,595; Jan. 19.
Stevens, Harry P., New York, N. Y. Sprocket chain. 1,570,014; Jan. 19.
Stevens, Ida K. (See Stevens, Douglas F., assignor.)
Stevens, James O., Post Falls, Idaho. Fruit grader. 1,570,094; Jan. 19.
Stevens, William E. (See Bohannon, Claude S., assignor.)
Stevenson, Peter, jr., Edinburgh, Scotland. Device for displaying printed or other matter employed in sight testing and which can also be used as a mirror. 1,570,408; Jan. 19.
Stewart, Charles E. (See Peterson, William, assignor.)
Stewart-Warner Speedometer Corporation. (See Olsen, John K., assignor.)
Stewart-Warner Speedometer Corporation. (See Whittington, Frederick G., assignor.)
Stewart-Warner Speedometer Corporation. (See Wood, A. C., and Meyers, assignors.)
Stitt, Roscoe R., Marquette, Mich. Refrigerant. 1,570,080; Jan. 19.
Stokes, John W., Dallas, Tex. Incinerator. 1,570,531; Jan. 19.
Stoppel, Louis D., Isleton, Calif. Asparagus-assorting machine. 1,570,409; Jan. 19.
Strandt, Gustav, Milwaukee, Wis. Grease-handling method and mechanism. 1,570,095; Jan. 19.
Strandt, Gustav, assignor to Milwaukee Dairy Supply Mfg. Co., Milwaukee, Wis. Wire-cutting attachment for milk-bottle-capping machines. 1,569,894; Jan. 19.
Stransky, Stephen, Darby, Pa. Chair. 1,570,096; Jan. 19.
Strauss, Ferdinand, New York, N. Y. Child's vehicle. 1,570,410; Jan. 19.
Strouse, Abraham L., and S. Weinschenk, New York, N. Y.; said Strouse assignor of his entire right to N. Shaw, New York, N. Y. Article of furniture. 1,570,532; Jan. 19.
Stuart, Clyde W., Melrose Highlands, Mass. Display device. 1,570,581; Jan. 19.
Sturm, John S., Hayti, Mo. Adjustable shovel. 1,570,189; Jan. 19.
Styli, Harry H., Southbridge, Mass. Mailing box. 1,570,533; Jan. 19.
Sullivan Machinery Company. (See Gilman, George H., assignor.)
Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
Sullivan Machinery Company. (See Mitchell, Joseph S., assignor.)
Sumbulian, Starkis H., by change of name S. H. Beulan, San Francisco, Calif. Automatic clutch. 1,570,414; Jan. 19.
Sumbulian, Sarkis H., by change of name S. H. Beulan, Fresno, Calif. Cultivator. 1,570,415; Jan. 19.
Sumner, James W., and A. G. Rayburn, Los Angeles, assignors to E. Winship, San Francisco, Calif. Fluid-pressure-control system. 1,570,097; Jan. 19.
Superheater Company, The. (See Wagner, Rudolf, assignor.)
Suren, Nathan H., Needham, assignor, by mesne assignments, to The Gamewell Company, Newton, Mass. Transmitter. 1,570,596; Jan. 19.
Svensson, Svenning H., and K. O. Engkvist, assignors to Aktiebolaget Bofors, Bofors, Sweden. Holder for the blank in machines for making rivets screw blanks, and the like, and in other upsetting machines. 1,569,895; Jan. 19.
Swanson, Martin. (See Sjobring, N. P., and Swanson.)
Sweeney, Edward, Norristown, and G. A. Hunsberger, Pottstown, Pa. Bobbin. 1,570,534; Jan. 19.
Sweeney, John T., Kingston, N. Y. Skimming spoon. 1,570,321; Jan. 19.
Swett, Charles E., West Roxbury, assignor to United States Envelope Company, Springfield, Mass. Rendering paper transparent. 1,570,098; Jan. 19.
Swiderski, Walter, assignor of one-half to J. J. Kelly, Monroe, Mich. Grinding machine. 1,570,535; Jan. 19.
Swingspout Measure Co. (See Wiswell, Ozro N., assignor.)
Swisher, R. D., Mfg. Co. (See Meyer, Daniel F., assignor.)
Syvertsen, Harald, assignor to S. Morgan Smith Company, York, Pa. Gate stop for turbine construction. 1,570,536; Jan. 19.
Tabulating Machine Company, The. (See Lake, Clair D., assignor.)
Tabulating Machine Company, The. (See Page, Ralph E., assignor.)
Tannenbaum, Isidor, New York, N. Y. Watchcase. Des. 69,291; Jan. 19.
Tanner, Inos B., assignor to Joseph E. Nelson & Sons, Chicago, Ill. Filtering tank. 1,569,896; Jan. 19.
Taylor, Charles W. (See Kearney, A. R., Taylor, and Leith.)
Taylor, Henry, South Chingford, London, England. Binding of books. 1,570,099; Jan. 19.
Taylor, Robert, Oldham, England. Ring-spinning frame and other spinning machine. 1,570,323; Jan. 19.
Teitsworth, Clark S., Lompoc, assignor to The Celite Company, Los Angeles, Calif. Absorbent material and making same. 1,570,537; Jan. 19.
Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Automatic regulating means. 1,569,897; Jan. 19.
Thomas, James, Montrose, Calif. Making artificial stone. 1,570,538; Jan. 19.
Thomas, Michael C., Detroit, Mich. Locking an ore bridge or the like against movement resulting from wind pressure. 1,570,289; Jan. 19.
Thompson, Osceola C., Rockaway, N. J., assignor to Wire-bounds Patents Company. Machine for use in making boxes or crates. 1,570,539; Jan. 19.
Thompson, Robert A., New Orleans, La. Road-packing machine. 1,570,582; Jan. 19.
Throm, Henry K. (See Buettner, E. F., Ganun, and Throm.)
Thull, Frank J., Minneapolis, Minn. Bag-sewing machine. 1,570,100; Jan. 19.
Thurston, Ernest B., assignor to The Haughton Elevator & Machine Co., Toledo, Ohio. Hoisting and lowering control mechanism. 1,570,101; Jan. 19.
Tinker, Herbert W., assignor to Federal Pressed Steel Company, Milwaukee, Wis. Fender guard for vehicles. Des. 69,292; Jan. 19.
Titus, Elijah W. (See Leech, F. B., and Titus.)
Todd Company, The. (See Payne, Walter B., assignor.)
Toledo Scale Company. (See Hapgood, Clarence H., assignor.)
Toman, E., & Co. (See Koranek, John, assignor.)
Toomey, John F., New York, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 1,569,898; Jan. 19.
Topp, William A. B., Annandale, near Sydney, New South Wales, Australia. Gutter bracket. 1,570,102; Jan. 19.
Townsend Manufacturing Corporation. (See Pickering, Albert V., assignor.)
Trees, Joseph C. (See McCurdy, R. P., and Hochstetter, assignors.)
Trent Process Corporation. (See Trent, Walter E., assignor.)
Trent, Walter E., New York, N. Y., assignor, by mesne assignments, to Trent Process Corporation, Wilmington, Del. Treating coal products. 1,570,103; Jan. 19.
Trico Products Corporation. (See Folberth, Frederick G. and W. M., assignors.)
Trimont Manufacturing Company. (See Kenerson, Joseph E., assignor.)
Troxell, David F., Rockbridge Baths, Va. Fastener for laces. 1,570,015; Jan. 19.
Truemper, John C., Indianapolis, Ind. Awning. 1,570,016; Jan. 19.
Trumbull Electric Manufacturing Company, The. (See Getchell, Benjamin E., assignor.)
Trumbull Electric Manufacturing Company, The. (See Leppert, Henry E., assignor.)
Turner Machine Company. (See Craw, Frank C., assignor.)
Tyler, Herbert B., Valparaiso, Ind. Heater. 1,570,017; Jan. 19.
Underwood Typewriter Company. (See Campbell, George W., assignor.)
Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Typewriter Company. (See Smith, Jesse A. B., assignor.)
Underwood Typewriter Company. (See Vickers, Harry H., assignor.)
Unger, Adolph, Chicago, Ill. Hot-air-regulating device. 1,570,290; Jan. 19.
United Shoe Machinery Corporation. (See De Minico, Charles, assignor.)
United Shoe Machinery Corporation. (See Fauase, Joseph, assignor.)
United Shoe Machinery Corporation. (See Furber, Frederick M., assignor.)
United Shoe Machinery Corporation. (See Goddu, G., and Mackenzie, assignors.)

United Shoe Machinery Corporation. (See La Chapelle, Fred N., assignor.)
United Shoe Machinery Corporation. (See Lund, Thomas, assignor.)
United States Cast Iron Pipe & Foundry Company. (See Anthony, Thomas P., assignor.)
United States Envelope Company. (See Swett, Charles E., assignor.)
Universal Draft Gear Attachment Company. (See Camp, Percy B., assignor.)
Universal Oil Products Company. (See Egloff, G., and Benner, assignors.)
Universal Oil Products Company. (See Morrell, Jacque C., assignor.)
Untermeyer, Robbins & Co. (See Robbins, Meyer L., assignor.)
Valfer, H. R. (See Vancil, Frederick W., assignor.)
Van Alstine, Frank, Sacramento, Calif. Clothesline splicer and tightener. 1,570,291; Jan. 19.
Vancil, Frederick W., assignor of eighty-five per cent to H. R. Valfer, Joplin, Mo. Automobile map container 1,570,104; Jan. 19.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co., Inc., New York, N. Y. Flocked voile fabric. Des. 69,293; Jan. 19.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co., Inc., New York, N. Y. Flocked voile fabric. Des. 69,294; Jan. 19.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co., Inc., New York, N. Y. Flocked voile fabric. Des. 69,295; Jan. 19.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co., Inc., New York, N. Y. Flocked voile fabric. Des. 69,296; Jan. 19.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co., Inc., New York, N. Y. Flocked voile fabric. Des. 69,297; Jan. 19.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co., Inc., New York, N. Y. Flocked voile fabric. Des. 69,298; Jan. 19.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co., Inc., New York, N. Y. Flocked voile fabric. Des. 68,299; Jan. 19.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co., Inc., New York, N. Y. Flocked voile fabrics. Des. 69,300; Jan. 19.
Vandergaw, Edward B., Brooklyn, and J. Heinrich, assignors to Fred Butterfield & Co., Inc., New York, N. Y. Flocked voile fabric. Des. 69,301; Jan. 19.
Van Dorn, Herbert E., Chicago, Ill. Electric coupling for railway vehicles. 1,570,105; Jan. 19.
Van Valkenberg, Eber H., Monroe, assignor of one-half to O. Silverstein, Spokane, Wash. Airship. 1,570,322; Jan. 19.
Vassar, Hervey S., Bloomfield, N. J. Refrigeration. 1,570,416; Jan. 19.
Vernam, Gilbert S., Brooklyn, and E. F. Watson, Yonkers, N. Y., assignors to American Telephone and Telegraph Company. Telegraph repeater. 1,569,899; Jan. 19.
Vesuvius Crucible Company. (See Jackman, Arthur J., assignor.)
Vickers, Harry H., Corona, Long Island, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,569,900; Jan. 19.
Vickers Limited. (See Wearham, John, assignor.)
Villaret, Gustave E., Leonia, N. J., assignor to William R. Noe & Sons, New York City, N. Y. Base for portable electric lamps. Des. 69,302; Jan. 19.
Villaret, Gustave E., Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y. Base for portable electric lamps. Des. 69,303; Jan. 19.
Villaret, Gustave E., Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y. Base for portable electric lamps. Des. 69,304; Jan. 19.
Villaret, Gustave E., Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y. Pedestal for portable electric lamps. Des. 69,305; Jan. 19.
Virdin, Joseph D., Baltimore, Md. Attachment to fire-arms. 1,569,901; Jan. 19.
Vollman, Joseph, Elizabeth, N. J. Machine for sewing on buckles. 1,569,902; Jan. 19.
Waddell, Dean T., Greenfield, assignor to The Irwin Auger Company, Wilmington, Ohio. Container. 1,570,018; Jan. 19.
Wade, Roy, Pocatello, Idaho. Wheel guard for vehicle. 1,570,292; Jan. 19.
Wagner Electric Corporation. (See Weichsel, Hans, assignor.)
Wagner, Rudolf, Hamburg, Germany, assignor to The Superheater Company, New York, N. Y. Air-cooled condensation apparatus for locomotives. 1,570,106; Jan. 19.
Wallace, Stephen J., assignor of one-half to J. Lynch, Logansport, Ind. Violin chin rest. 1,570,361; Jan. 19.
Walsh, John W., assignor to H. Bayersdorfer and S. H. Bayersdorfer, Philadelphia, Pa. Spray basket. 1,570,417; Jan. 19.
Walsh, Lawrence H., Chicago, Ill. Circuit-controlling means for signaling devices. 1,570,107; Jan. 19.
Warner, Frank E., assignor to Scovill Manufacturing Company, Waterbury, Conn. Bachelor button. 1,570,302; Jan. 19.
Warr, A. W. (See Cormier, Alfred J., assignor.)
Watson, Edward F. (See Vernam, G. S., and Watson.)
Wearham, John, assignor to Vickers Limited, Westminster, London, England. Piano player. 1,570,019; Jan. 19.
Wegener, Ulrich, Berlin-Steglitz, Germany. Preserved yeast and making it. 1,570,418; Jan. 19.
Wehner, Lewis, Milwaukee, assignor to Pawling and Harnischfeger Company, West Milwaukee, Wis. Excavator crane. 1,570,108; Jan. 19.
Weichsel, Hans, assignor to Wagner Electric Corporation, St. Louis, Mo. Alternating-current motor. 1,570,109; Jan. 19.
Weinschenk, Samuel. (See Strouse, A. L., and Weinschenk.)
Weinschenk, Samuel, New York, N. Y. Umbrella rack and smoking stand. 1,570,540; Jan. 19.
Welker-Hoops Manufacturing Company, The. (See Welker, Oscar B., assignor.)
Welker, Oscar B., assignor to The Welker-Hoops Manufacturing Company, Middletown, Conn. Cap for gasoline tanks. Des. 69,306; Jan. 19.
Weller, Floyd E., Toledo, Ohio. Tire rack. 1,570,110; Jan. 19.
Welsh, Frederick E., Buffalo, N. Y. Portable bulkhead. 1,570,020; Jan. 19.
West, Charles M., Chicago, Ill. Scaffold or staging. 1,570,541; Jan. 19.
Western Drilling Tool & Supply Co. (See Horrell, Maurice R., assignor.)
Western Electric Company. (See Bennett, Arthur F., assignor.)
Western Electric Company. (See Clarke, Harry R., assignor.)
Western Electric Company. (See Clokey, Allison A., assignor.)
Western Electric Company. (See Fry, Thornton C., assignor.)
Western Electric Company. (See Horton, Joseph W., assignor.)
Westinghouse Electric and Manufacturing Company. (See Kasley, Alexander T., assignor.)
White, Franklin R., assignor to The Patent Button Company, Waterbury, Conn. Fastener. 1,570,363; Jan. 19.
Whiting & Davis Company. (See Berkley, Richard H., assignor.)
Whitney, F. A., Carriage Company. (See Ambler, George B., assignor.)
Whitney Mfg. Co., The. (See Müller, Friederich, assignor.)
Whittal, A. R., Can Company. (See Bisset, David L., assignor.)
Whittington, Frederik G., Evanston, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Production of units of combined speedometer and odometer. 1,570,021; Jan. 19.
Wicks, John, assignor to Automatic Electric Company, Chicago, Ill. Automatic telephone system. 1,570,022; Jan. 19.
Wickware, Walter H., Ottawa, Ontario, Canada. Shutter mechanism for automobile radiators. 1,570,111; Jan. 19.
Wieder, Joe, New York, N. Y. Sample tab. 1,570,364; Jan. 19.
Wilcox, Merrill M., Saginaw, Mich. Cam follower and making same. 1,570,023; Jan. 19.
Wiley, Edward J., Hollidays Cove, W. Va. Pipe trap. 1,570,112; Jan. 19.
Willett, Robert V., et al. (See Herr, Von H., assignor.)
Willett, Robert V., et al. (See Mattingly, Frank H., assignor.)
Williams, James E., Enterprise, Miss. Paper-roll holder. 1,570,190; Jan. 19.
Willys-Overland Company. (See Greene, Otto W., assignor.)
Wilson, Ellery L., assignor to Rumford Chemical Works, Providence, R. I. Plaster of Paris and making the same. 1,570,583; Jan. 19.
Wilson, James E., S. McConnell, and C. Brown, Belfast, Ireland. Preparation of dough for the making of bread. 1,570,365; Jan. 19.
Wilton, Ralph W., Washington, D. C. Protector for laboratory burners. 1,569,903; Jan. 12.
Wine, William E., Toledo, Ohio. Car ventilator. 1,570,113; Jan. 19.
Winkley, Erastus E., Lynn, Mass. Equilibrating apparatus. 1,570,542; Jan. 19.
Winkley, Erastus E., Lynn, Mass. Steering apparatus. 1,570,543; Jan. 19.
Winship, Emory. (See Sumner, J. W., and Rayburn, assignors.)
Wirebounds Patents Company. (See Thompson, Osceola C., assignor.)
Wiswell, Arthur M., Portland, Oreg. Automobile lock. 1,570,366; Jan. 19.
Wiswell, Ozro N., Los Angeles, Calif., assignor to Swingspout Measure Co. Swing-spout valve. 1,570,114; Jan. 19.
Wolf, Carl F., Chicago, Ill. Shackle-bolt-oiling device. 1,570,367; Jan. 19.
Wolf, Elmer E. (See Osgood, L. A., and Wolf.)
Wolkenhauer, Gustav, assignor to Riverview Park Company, Chicago, Ill. Game of skill. 1,570,419; Jan. 19.

Wood, Andrew C., and L. I. Meyers, assignors to Stewart-Warner Speedometer Corporation, Chicago, Ill. Dirigible searchlight. 1,570,024; Jan. 19.
Wood, William H., South Euclid, Ohio. Storage battery. 1,570,115; Jan. 19.
Wright, Joseph, Lancaster, Wis. Trap for cattle flies. 1,569,904; Jan. 19.
Wyman-Gordon Company. (See Damerell, Mark H., assignor.)
Wyrembek, Theodor J., Oconomowoc, Wis. Railway switch cleaner. 1,570,191; Jan. 19.
Yale & Towne Manufacturing Company, The. (See Brauning, Karl A., assignor.)
Yates, P. B., Machine Company. (See Lane, Franklin L., assignor.)
Yngve, Victor, South Orange, N. J., assignor to Manhattan Electrical Supply Company, Incorporated, New York, N. Y. Electrical contact maker and breaker. 1,570,420; Jan. 19.
Young, John V., New York, N. Y. Hand grip. 1,570,025; Jan. 19.
Younick, Michael, Delano, Minn. Wrecking bar. 1,570,192; Jan. 19.
Yount, Miles F., Beaumont, Tex. Line guide. 1,570,116; Jan. 19.
Zeh, Charles C., North Hackensack, N. J., assignor to Zeh Incorporated. Decorating glass surfaces. 1,570,368; Jan. 19.
Zeh Incorporated. (See Zeh, Charles C., assignor.)
Zimmermann, Hans J., Mannheim, Germany, assignor to Schutte and Koerting Company, Philadelphia, Pa. Apparatus for applying helical ribs to pipes. 1,570,117; Jan. 19.
Zinn, Frank E., Hartford, Conn. Movable headlight. 1,570,544; Jan. 19.
Zinti, Albert E., et al. (See Mattingly, Frank H., assignor.)

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 19TH DAY OF JANUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abrasive mitt. G. W. Doerr. 1,569,854; Jan. 19.
Absorbent material and making same. C. S. Teitsworth. 1,570,537; Jan. 19.
Acetic anhydride, Manufacturing. R. Meingast and M. Mugdan. 1,570,514; Jan. 19.
Adjustable shovel. J. S. Sturm. 1,570,189; Jan. 19.
Advertising-contest card. G. Melikov. Des. 69,279; Jan. 19.
Aeroplane propelling mechanism. H. M. Cosey. 11,570,044; Jan. 19.
Air bag, Valved. C. B. Knepper. 1,570,157; Jan. 19.
Air brake. C. S. Picó. 1,570,279; Jan. 19.
Air cleaner. M. E. Chandler. 1,570,040; Jan. 19.
Air, Method and apparatus for conditioning. C. J. Ramsburg. 1,570,184; Jan. 19.
Air washing and conditioning apparatus. A. S. Romero and L. R. Gonzalez. 1,570,577; Jan. 19.
Airship. E. H. Van Valkenberg. 1,570,322; Jan. 19.
Alkali-metal amides, Manufacture of. T. Ewan. 1,570,467; Jan. 19.
Alloy. J. I. Mee. 1,569,996; Jan. 19.
Alloy for pen points. M. M. Goldsmith. 1,569,921; Jan. 19.
Alloys, Making magnetic. V. B. Browne. 1,570,229; Jan. 19.
Alumina, Producing. R. Jacobsson. 1,570,353; Jan. 19.
Alumino-silicates, Treating. H. and H. Reinbold. 1,570,006; Jan. 19.
Ammonia by means of catalysts, Synthesis of. H. Harter. 1,570,485; Jan. 19.
Ammonia soda process. H. A. Galt. 1,570,299; Jan. 19.
Amplifying device, Long-stroke. B. M. McFarland and M. A. Dimmick. 1,570,385; Jan. 19.
Antiskid attachment for automobile wheels. H. B. Lindhorst. 1,570,359; Jan. 19.
Antiskid attachment for vehicle wheels. F. Dombrowski. 1,570,651; Jan. 19.
Antitheft device. H. Loeb. 1,569,868; Jan. 19.
Arch support. I. M. Pease. 1,570,000–1; Jan. 19.
Ash receiver. R. A. Russell. Des. 69,288; Jan. 19.
Ash tray. C. T. Sloan. Des. 69,290; Jan. 19.
Asparagus-assorting machine. L. D. Stoppel. 1,570,409; Jan. 19.
Automobile lock. A. M. Wiswell. 1,570,366; Jan. 19.
Automobile radiators, Shutter mechanism for. W. H. Wickware. 1,570,111; Jan. 19.
Automobile spring, Pneumatic. E. E. Cothran. 1,569,850; Jan. 19.
Automobile underframes, Stabilizing device for. A. De Coninck. 1,570,210; Jan. 19.
Automobiles, Brake-equalizing attachment for. F. J. Andel. 1,570,221; Jan. 19.
Automobiles, Safety device for. A. Damore. 1,570,464; Jan. 19.
Automobiles, Spring bumper for. F. D. Robinson. 1,570,526; Jan. 19.
Awning. J. C. Truemper. 1,570,016; Jan. 19.
Axle brace and positioner. J. A. Mebane. 1,569,995; Jan. 19.
Bag: *See*—
  Air bag. Hand bag.
  Golf bag. Hat bag.
Bank. A. L. Hansen. 1,569,975; Jan. 19.
Bar: *See*—
  Wrecking bar.
Barge, bathing. C. S. Bohannon. 1,569,910; Jan. 19.
Barrel agitator. C. E. Farrington. 1,569,858; Jan. 19.
Basket, Spray. J. W. Walsh. 1,570,417; Jan. 19.
Bathtubs, Temporary cover for. L. Mayer. 1,570,164; Jan. 19.
Bearing. L. Fritz. 1,570,056; Jan. 19.
Bearing construction. C. H. Hanson. 1,570,566; Jan. 19.
Bearing or bearing liner. R. J. Banner. 1,570,033; Jan. 19.
Bed. A. W. Smith. 1,570,580; Jan. 19.
Bed. A. W. Smith and W. J. Duvall. 1,570,579; Jan. 19.
Beta naphthol, Sulphonating. M. L. Crossley and G. S. Simpson. 1,570,046; Jan. 19.
Bin: *See*—
  Gravel bin.
Bird house. T. and J. Evans. Des. 69,262; Jan. 19.
Bituminous substances, Treating. G. W. Acheson. 1,570,193; Jan. 19.
Blade holder. A. Goetz. 1,570,478; Jan. 19.
Block: *See*—
  Drag-scraper block. Sanding block.
  Sheave block.
Boat, Air. W. P. Fritsche and J. D. Clarke. 1,570,470; Jan. 19.
Bobbin. E. Sweeney and G. A. Hunsberger. 1,570,534; Jan. 19.
Boiler stand. L. Doerr. 1,570,211; Jan. 19.
Boilers from an unheated tank, Feeding steam. H. Gleichmann and W. Stender. 1,569,919; Jan. 19.
Boiling, washing, condensing, and drying machine, Combined. J. W. Bowerbank. 1,570,552; Jan. 19.
Bolt and nut, Combined. W. B. Hanner. 1,570,565; Jan. 19.
Books, Binding of. H. Taylor. 1,570,099; Jan. 19.
Boring machine. J. B. Owens. 1,570,181; Jan. 19.
Bottle-capping machines, Wire-cutting attachment for milk-. G. Strandt. 1,569,894; Jan. 19.
Bottle filling and sealing machine. A. Calleson. 1,569,948; Jan. 19.
Bottle-opening tool, Combination. W. Johnson. 1,570,306; Jan. 19.
Bowling-alley ball return. J. W. Bishop. 1,570,549–51; Jan. 19.
Box: *See*—
  Feed box. Vanity box.
  Mailing box. Wagon box.
Box and table, Combined. E. N. Howell. 1,570,350; Jan. 19.
Box or carton. E. S. Hill. 1,569,932; Jan. 19.
Boxes or crates, Machine for use in making. O. C. Thompson. 1,570,539; Jan. 19.
Bracket: *See*—
  Gutter bracket.
Bracket. G. B. Pollock. 1,570,396; Jan. 19.
Brake: *See*—
  Air brake.
Brick, Glazing. A. Fischer, jr. 1,570,137; Jan. 19.
Brick machine and operating the same. H. K. King. 1,570,501; Jan. 19.
Bricks, Apparatus for burning. W. W. Dickinson, jr. 1,569,952–3; Jan. 19.
Bridge or the like against movement resulting from wind pressure, Locking an ore. M. C. Thomas. 1,570,289; Jan. 19.
Broaching machine. F. J. Lapointe. 1,569,862; Jan. 19.
Buckles, Machine for sewing on. J. Vollman. 1,569,902; Jan. 19.
Bulkhead, Portable. F. E. Welsh. 1,570,020; Jan. 19.
Bumper and fender, Combined. L. Ronca and S. Santoro. 1,570,527; Jan. 19.
Burner: *See*—
  Liquid-fuel burner. Oil burner.
Burner and generator, Combination. C. C. Richardson. 1,569,883; Jan. 19.
Burners, Thermostatic control device for fuel. D. R. Martin. 1,569,994; Jan. 19.
Button. F. G. Purinton. 1,570,398; Jan. 19.
Button, Bachelor. F. E. Warner. 1,570,362; Jan. 19.
Buttons, Making one-piece metal. W. T. Abel. 1,570,324; Jan. 19.
Cabinet, Service. G. R. Craw. 1,570,207; Jan. 19.
Calculator. E. C. Isom. 1,570,352; Jan. 19.
Cam follower and making same. M. M. Wilcox. 1,570,023; Jan. 19.
Camera. C. F. Smith. 1,570,453; Jan. 19.
Can: *See*—
  Dispensing can.
Can-end drier. D. L. Bisset. 1,570,122; Jan. 19.
Can-filling machine. A. Holmquist. 1,570,151; Jan. 19.
Can opener, Tin-. C. Bachr. 1,569,906; Jan. 19.
Candlestick. F. Di Bella. 1,570,133; Jan. 19.
Candy doll. J. Josephsohn. Des. 69,277; Jan. 19.
Cane harvester. J. A. Melancon. 1,570,269; Jan. 19.
Car door. F. Jager. Re16,255; Jan. 19.
Car-heating system. W. G. Hartwig. 1,569,928; Jan. 19.
Car-loading apparatus, Skip-bucket. W. E. Hale. 1,570,303; Jan. 19.
Car roof. C. D. Bonsall. 1,570,123; Jan. 19.
Car unit, Interchangeable. A. H. Smith. 1,570,288; Jan. 19.
Car ventilator. W. E. Wine. 1,570,113; Jan. 19.
Cars, Brake-actuating means for motor. C. B. Kurtz. 1,570,066; Jan. 19.
Cars, Brake mechanism for railway. P. B. Camp. 1,569,949; Jan. 19.
Cars, Safety appliance for railway hand. V. Di Tommaso. 1,570,556; Jan. 19.
Carburetor. W. A. Heide. 1,570,143; Jan. 19.
Card-delivering device. R. E. Page. 1,570,182; Jan. 19.

Cards, Container for automobile registration. J. Browne. 1,569,963; Jan. 19.
Cards, Playing. V. D. Brittingham. 1,569,945; Jan. 19.
Cards, Playing. F., jr., and T. Geraci. 1,570,475; Jan. 19.
Carpet sweepers, Furniture guard for. K. L. Hale. 1,570,482; Jan. 19.
Carriage, Baby. E. Kuniholm. 1,569,985; Jan. 19.
Casing, Lock. K. A. Brauning. 1,570,331; Jan. 19.
Catalyzers for the synthesis of ammonia, Production of. I. W. Cederberg. 1,570,333; Jan. 19.
Ceiling light. F. S. Crowell. Des. 69,256; Jan. 19.
Ceiling plate. F. S. Crowell. Des. 69,257; Jan. 19.
Cellulose solutions, Manufacture of. A. Classen. 1,570,553; Jan. 19.
Ceramic products, Apparatus for and method of ornamenting surfaces of. D. F. Stevens. 1,570,594; Jan. 19.
Cereal food, Preparing. J. L. Kellogg. 1,569,861; Jan. 19.
Chain. M. P. Holmes. 1,570,440; Jan. 19.
Chain belt. A. R. Kearney, C. W. Taylor, and T. G. Leith. 1,570,380; Jan. 19.
Chair. S. Stransky. 1,570,096; Jan. 19.
Chair base. R. K. Dawson. 1,570,436; Jan. 19.
Chair bases, Hub for. R. K. Dawson. 1,570,437; Jan. 19.
Chairs or the like, Fitting for. R. K. Dawson. 1,570,435; Jan. 19.
Check books, Holder for. L. G. Kurtzeborn. 1,569,986; Jan. 19.
Check, Rebound. R. H. Hassler. 1,569,976; Jan. 19.
Chopper: *See*—
Cotton chopper.
Christmas-tree support and water container. L. L. Ripczinske. 1,570,403; Jan. 19.
Cigar lighter. O. Cohen. Des. 69,253; Jan. 19.
Cigar lighter, Electric. A. Schoeller. 1,570,286; Jan. 19.
Clamp: *See*—
Shingle clamp.
Cleaner: *See*—
Air cleaner. Windshield cleaner.
Switch cleaner.
Clothes-drying apparatus. P. Lungstras. 1,570,508; Jan. 19.
Clothesline splicer and tightener. F. Van Alstine. 1,570,291; Jan. 19.
Clutch, Automatic. S. H. Sumbulian. 1,570,414; Jan. 19.
Coal products, Treating. W. E. Trent. 1,570,103; Jan. 19.
Coat and trousers, Transformable cover. L. M. Brainle. 1,570,227; Jan. 19.
Code machine. F. Prevost. 1,570,178; Jan. 19.
Collar-band attachment. A. W. Land. 1,569,988; Jan. 19.
Collet and collet mechanism. F. O. Hoagland. 1,570,251; Jan. 19.
Coloring composition. A. David. 1,569,915; Jan. 19.
Comb: *See*—
Fountain comb.
Compass. W. Champion. 1,570,459; Jan. 19.
Concrete form. H. E. Noyes. 1,569,876; Jan. 19.
Concrete hollow tile building block, Reenforced-. J. Feigenbaum. 1,570,233; Jan. 19.
Concrete structures which contain embedded means for circulating a heating or cooling medium. Apparatus for constructing reenforced. J. L. Musgrave and R. G. Crittall. 1,570,448; Jan. 19.
Confectionery machine. I. J. Handlen. 1,570,247; Jan. 19.
Connecter switch. F. P. McIntosh. 1,569,869; Jan. 19.
Contact-filing device. J. H. Simpson. 1,570,090; Jan. 19.
Container. F. E. Lowenstein. 1,570,572; Jan. 19.
Container. D. T. Waddell. 1,570,018; Jan. 19.
Container snap-on rotatably releasable cap. C. Hammer. 1,569,926; Jan. 19.
Containers, Gasket for pressure. R. Chilton. 1,570,334; Jan. 19.
Control system. H. L. Blood and R. C. Deale. 1,570,369; Jan. 19.
Controlling moving bodies by radiant energy, System of and mechanism for. J. H. Hammond, jr. 1,569,927; Jan. 19.
Cooking and cooling process. N. H. Fooks. 1,570,236; Jan. 19.
Cotton blocker or chopper. J. W. Baird. 1,570,118; Jan. 19.
Cotton chopper. J. L. Parks. 1,570,277; Jan. 19.
Converter system. H. M. Hobart. 1,570,347; Jan. 19.
Conveyer. H. M. Hanson. 1,570,484; Jan. 19.
Conveyer or apron and the like, Slatted. M. F. Kevlin. 1,570,587; Jan. 19.
Covered dish or similar article. G. Haviland. Des. 69,272–3; Jan. 19.
Crane, Hoisting. O. S. Hubbard. 1,569,979; Jan. 19.
Cranes, Hoisting mechanism for excavating. A. G. Henricks. 1,570,061; Jan. 19.
Crosshead guide. E. O. Elliott. 1,570,559; Jan. 19.
Crowbar. R. A. Dresser. 1,570,342; Jan. 19.
Crucibles, Making. A. J. Jackman. 1,570,064; Jan. 19.
Cue tip and making the same. W. S. Borden. 1,570,294 Jan. 19.
Cultivator. S. H. Sumbulian. 1,570,415; Jan. 19.
Cultivator attachment. S. Devenbaugh. 1,570,132; Jan. 19.
Cumaron resin composition and making same. C. Ellis. 1,570,584; Jan. 19.
Cup hook and support. C. J. Lawless. 1,569,863; Jan. 19.
Current motor, Alternating-. H. Weichsel. 1,570,109; Jan. 19.
Curved surfaces, Working. P. Goerz and E. Jacobi. 1,570,242; Jan. 19.
Cushion-stuffing machine. R. W. Busse. 1,570,432; Jan. 19.
Cuspidor, Sanitary. S. F. Massy. 1,570,512; Jan. 19.
Cut-off, Automatic. N. E. Richardson. 1,570,007; Jan. 19.
Dental toothpick. W. F. Lawrenz. 1,570,357; Jan. 19.
Dials, Indicating means for calling. N. D. Newby. 1,569,874; Jan. 19.
Die-casting machine. J. B. Bushnell. 1,569,851; Jan. 19.
Direction signal. N. W. Knight. 1,570,158; Jan. 19.
Direction-signal casing. E. F. Crabtree. Des. 69,255; Jan. 19.
Discus. W. F. Reach. 1,570,185; Jan. 19.
Dishwashing machine. H. Cave. 1,570,296; Jan. 19.
Disk wheel, Lock-gear. C. T. Reynolds. 1,570,319; Jan. 19.
Dispensing can. J. H. Miller. 1,570,270; Jan. 19.
Display container. G. L. Conley. 1,570,336; Jan. 19.
Display device. E. C. Essinger. 1,570,466; Jan. 19.
Display device. C. W. Stuart. 1,570,581; Jan 19.
Display holder. G. E. Gates. 1,570,139; Jan. 19.
Display receptacle. B. Rosenberg. 1,569,886; Jan. 19.
Display stand for jewelry. M. Colker. Des. 69,254; Jan. 19.
Doll. J. Chapman. Des. 69,252; Jan. 19.
Door and analogous structure, Sheet-metal. L. R. Ljungberg and W. A. Anderberg. 1,570,310; Jan. 19.
Door, Automatically-closing. M. Cope. 1,570,462; Jan. 19.
Door construction. C. Bic. 1,570,427; Jan. 19.
Dough for the making of bread, Preparation of. J. E. Wilson, S. McConnell, and C. Brown. 1,570,365; Jan. 19.
Dough-molding and like machine. W. H. Rippin. 1,570,525; Jan. 19.
Dough-molding machine. C. D. Dilley. 1,570,339; Jan. 19.
Drag scraper. W. E. Hale. 1,569,925; Jan. 19.
Drag-scraper back-post block. W. E. Hale. 1,569,924; Jan. 19.
Drawing press. O. S. Beyer. 1,570,199; Jan. 19.
Drier: *See*—
Can-end drier.
Drilling apparatus. G. H. Gilman. 1,569,970; Jan. 19.
Drilling fixture. H. T. and E. J. Kinsbury. 1,570,156; Jan. 19.
Drilling holes, Method and apparatus for. J. S. Mitchell. 1,570,518; Jan. 19.
Drilling machine. F. W. Dine. 1,570,050; Jan. 19.
Drilling machine. G. H. Gilman. 1,570,239; Jan. 19.
Drills, Indicator and safety coupling for rotary. G. A. Goldsmith. 1,570,244; Jan. 19.
Drum beater and cymbal sounder, Pedal-operated. A. Mortensen. 1,570,167; Jan. 19.
Drying apparatus. C. Rees and C. F. Hine. 1,569,880; Jan. 19.
Dyeing wood. H. Renner. 1,570,575; Jan. 19.
Ejector, pawl-. W. Peterson. 1,570,317; Jan. 19.
Electric appliance. E. N. Lightfoot. 1,570,507; Jan. 19.
Electric control system for all movable elements operating by a very small power, and chiefly for the gyroscopic compass. E. Granat. 1,569,922; Jan. 19.
Electric heating system. W. S. Hadaway, jr. 1,570,301; Jan. 19.
Electric-light globe. A. L. Eliasoff and C. Birnbaum. 1,570,345; Jan. 19.
Electric machinery, Automatic. W. D. Mercer. 1,570,591; Jan. 19.
Electric-resistance element. T. C. Russell. 1,570,084; Jan. 19.
Electric switch. B. E. Getchell. 1,570,237; Jan. 19.
Electric switch. A. E. Greene. 1,570,245; Jan. 19.
Electric switch. H. E. Leppert. 1,569,864; Jan. 19.
Electrical contact maker and breaker. V. Yngve. 1,570,420; Jan. 19.
Electrical network. T. C. Fry. 1,570,215; Jan. 19.
Electrode for discharge tubes. K. A. Lebbink. 1,570,265; Jan. 19.
Elevator attachment, Grain. H. H. Parliament. 1,570,521; Jan. 19.
Emulsions, particularly of petroleum, by means of an electric current, Separating the phases of. J. H. C. de Brey. 1,570,209; Jan. 19.
Engine for utilizing low-grade water powers, Water-power. A. Abraham. 1,570,421; Jan. 19.
Engines, Apparatus for measuring the temperature of internal-combustion. J. W. Hobbs. 1,570,602; Jan. 19.
Engines, Charge-heating device for internal-combustion. C. Smith. 1,570,413; Jan. 19.
Equilibrating apparatus. E. E. Winkley. 1,570,542; Jan. 19.
Ethylating amines. A. R. Cade. 1,570,203; Jan. 19.
Excavator. W. E. Saxe. 1,570,085; Jan. 19.
Excavator crane. L. Wehner. 1,570,108; Jan. 19.

Expansible-collapsible elements, Producing. H. C. Mallory. 1,570,312; Jan. 19.
Eyelet button. L. M. Dowd. 1,570,341; Jan. 19.
Eyeshield, Sun-glare. H. S. Humes. 1,570,254; Jan. 19.
Fastener. F. R. White. 1,570,363; Jan. 19
Fastener. V. H. Herr. 1,570,148; Jan. 19.
Fastening and clamping ring. G. E. Mittinger. 1,570,519; Jan. 19.
Fastening device, Two-head rotatable. A. F. Raymond. 1,570,281; Jan. 19.
Fastening inserting machine. G. Goddu and F. L. Mackenzie. 1,569,920; Jan. 19.
Feed box. E. E. Lovering. 1,569,990; Jan. 19.
Feeder, Chicken. R. B. Herrington. 1,569,931; Jan. 19.
Fencepost driver. C. A. Farb. 1,569,857; Jan. 19
Film and backing solution for use in making same, Non-static. E. C. Pitman. 1,570,079; Jan. 19.
Film, Making nonstatic. H. J. Hoffman. 1,570,062; Jan. 19.
Film-printing machine. J. Kalmanovitch. 1,570,498; Jan. 19.
Filter bags, Treating. J. D. Gat. 1,570,138; Jan. 19.
Filtering apparatus. P. H. Crawford and J. F. Abbema. 1,570,374; Jan. 19.
Filtering tank. I. B. Tanner. 1,569,896; Jan. 19.
Finger ring. E. E. Bayardi. Des. 69,248; Jan. 19.
Finger ring. B. Gross. Des. 69,266–8; Jan. 19.
Finger ring. M. L. Robbins. Des. 69,286; Jan. 19.
Finger ring, Gem-set. M. L. Robbins. Des. 69,287; Jan. 19.
Finger ring or article of similar nature. L. Fiedler. Des. 69,263; Jan. 19.
Finger ring or similar article. J. L. Herzog. Des. 69,275; Jan. 19.
Fire-alarm apparatus. H. Hunke. 1,570,255; Jan. 19. Jan. 19.
Firearms, Attachment to. J. D. Virdin. 1,569,901; Jan. 19.
Fire-extinguishing device. O. R. Erwin. 1,570,052; Fish lure. S. B. MacLeod. 1,569,993; Jan. 19.
Fishhook book. S. Focht. 1,570,213; Jan. 19.
Fishing tool. M. W. Jones. 1,570,066; Jan. 19.
Flash light. C. Ocean. 1,570,393; Jan. 19.
Flies, Trap for cattle. J. Wright. 1,569,904; Jan. 19.
Floor cleaning and polishing device. E. J. Burch. 1,570,127; Jan. 19.
Floors, Warming. J. W. McKechan and G. J. Henry. 1,570,162; Jan. 19.
Fluid-pressure-control system. J. W. Sumner and A. G. Rayburn. 1,570,097; Jan. 19.
Flying jenny. W. R. Branham. 1,570,124; Jan. 19.
Food product. E. R. McSorley. 1,570,443; Jan. 19.
Fountain comb. N. W. Smith. 1,570,013; Jan. 19.
Frames, Making side. L. C. Pritner and H. C. Dorris. 1,569,879; Jan. 19.
Fruit grader. J. O. Stevens. 1,570,094; Jan. 19.
Fuel. G. Hammond. 1,570,059–60; Jan. 19.
Fuel apparatus, Pulverized. J. K. Blum and D. L. Braine. 1,570,037; Jan. 19.
Fuel-feeding system. H. Scowcroft, jr. 1,570,010; Jan. 19.
Fur, Dyed. H. M. Becher. Des. 69,249; Jan. 19.
Furnace: *See*—
Hot-air furnace.
Furnace. H. H. Dodge. 1,570,340; Jan. 19.
Furnaces, Device for. A Gudmundsen and H. W. Clark. 1,569,923; Jan. 19.
Furnaces, Unloading device for. M. H. Damerell. 1,570,463; Jan. 19.
Furniture, Article of. A. L. Strouse and S. Weinschenk. 1,570,532; Jan. 19.
Fuse, Expulsion-type repeating. T. F. Johnson, jr. 1,569,981; Jan. 19.
Game. H. B. Minnick. 1,570,517; Jan. 19.
Game apparatus. H. W. Steinmetz. 1,569,893; Jan. 19.
Game-chip rack. E. Black. 1,569,848; Jan. 19.
Game, Indoor golf. A. H. Adams. 1,570,422; Jan. 19.
Game of skill. G. Wolkenhauer. 1,570,419; Jan. 19.
Garment hanger, Folding. L. Barron. 1,570,196; Jan. 19.
Garment supporter. M. J. Jackson. 1,570,492; Jan. 19.
Garter, armlet, or like band. L. M. Davis. 1,569,968; Jan. 19.
Gas-main controller. R. B. Richardson. 1,570,008; Jan. 19.
Gas meter. T. Fox. 1,570,214; Jan. 19.
Gas producer. S. A. Moss. 1,570,314; Jan. 19.
Gasket seats, Facing tool for. S. B. Clay. 1,570,042; Jan. 19.
Gasoline tanks, Cap for. O. B. Walker. Des. 69,306; Jan. 19.
Gate: *See*—
Railway-crossing gate.
Gauge: *See*—
Pressure gauge.
Gauge. H. E. Durtsche. 1,570,558; Jan. 19.
Gear-hobbing machines, Lost-motion-compensating means for. E. Ruckingham. 1,570,372; Jan. 19.
Gem-set ring. M. L. Robbins. Des. 69,285; Jan. 19.
Glass surfaces, Decorating. C. C. Zeh. 1,570,868; Jan. 19.
Golf bag. B. Kennedy. 1,570,500; Jan. 19.
Golf bag. P. S. McQuirk. 1,570,510; Jan. 19.
Grader, Road. M. Fluto. 1,569,957; Jan. 19.
Grain huller. J. J. Ross. 1,570,081; Jan. 19.
Grapple. R. I. Flynn. 1,569,918; Jan. 19.
Gravel bin. M. L. O'Neil. 1,570,172; Jan. 19.
Grease-dispensing device. J. Baidner. 1,570,031–2; Jan. 19.
Grease-handling method and mechanism. G. Strandt. 1,570,095; Jan. 19.
Grinding and polishing machine. T. P. Anthony. 1,569,940; Jan. 19.
Grinding machine. J. A. Smith. 1,570,092; Jan. 19.
Grinding machine. W. Swiderski. 1,570,535; Jan. 19.
Grinding machines, Wheel feeding and adjusting means for. J. A. Doane. 1,570,376; Jan. 19.
Grinding mill. J. G. Bryant. 1,570,456; Jan. 19.
Grinding tool. A. Morris. 1,570,166; Jan. 19.
Gutter bracket. W. A. B. Topp. 1,570,102; Jan. 19.
Hair-drying apparatus. F. Coune. 1,570,045; Jan. 19.
Hair waver. J. Glantz. 1,570,141; Jan. 19.
Hair waver, Electric. R. P. Simmons. 1,570,012; Jan. 19.
Halter, All-around. E. S. Beckwith. 1,570,225; Jan. 19.
Hand bag. E. Meltzer. 1,570,515; Jan. 19.
Hand-bag frame and vanity case, Combined. R. C. Banga. 1,570,326; Jan. 19.
Hand grip. J. V. Young. 1,570,025; Jan. 19.
Hanger: *See*—
Garment hanger.
Hardness-testing machine. E. Henkel. 1,570,249; Jan. 19.
Harrow. O. H. Johnson. 1,570,154; Jan. 19.
Harrow. R. Crabtree. 1,569,913; Jan. 19.
Harvester, Sugar-cane. W. Snodgrass. 1,570,093; Jan. 19.
Hat. I. Boldstein. Des. 69,265; Jan. 19.
Hat bag. E. A. Nalle. 1,570,275; Jan. 19.
Hat holder. S. Simoneau. 1,570,451; Jan. 19.
Hat, Reversible. J. M. Barnhill. 1,569,942; Jan. 19.
Hat-rounding machine, Soft-. F. C. Craw. 1,570,378; Jan. 19.
Headlight. A. F. Kralicek. 1,570,503; Jan. 19.
Headlight. R. P. McCurdy and F. W. Hochstetter. 1,570,589; Jan. 19.
Headlight. W. A. Irwin and E. S. Schwartz. 1,570,491; Jan. 19.
Headlight, Dirigible. W. P. Sheets. 1,570,188; Jan. 19.
Headlight for automobiles, Orientable. B. Scherer. 1,570,284; Jan. 19.
Headlight, Movable. F. E. Zinn. 1,570,544; Jan. 19.
Heat-treating container. R. F. Flintermann. 1,570,055; Jan. 19.
Heat treating substances packed in sealed receptacles, Apparatus for. N. H. Fooks. 1,570,235; Jan. 19.
Heater: *See*—
Kerosene heater.
Heater. F. M. Hill. 1,570,489; Jan. 19.
Heater. H. B. Tyler. 1,570,017; Jan. 19.
Heaters and the like, Controlling device for. F. Lawrence. 1,570,570; Jan. 19.
Heating systems, Time-controlled regulator for. H. W. Royce. 1,570,082; Jan. 19.
Hedge trimmer. V. Lamberti. 1,569,987; Jan. 19.
Helicopter. H. A. Berliner. 1,570,121; Jan. 19.
Helium from gases containing the same, Extraction of. R. G. Boltoms. 1,569,943; Jan. 19.
Hemstitch machine. M. H. Pérez. 1,570,278; Jan. 19.
Hides and skins for manufacture into leather, Treatment of. D. McCandlish and W. R. Atkin. 1,570,383; Jan. 19.
High-frequency generators, Electrode for. R. G. Clark. 1,570,041; Jan. 19.
Hinge, Jewelry-box. R. I. Rhodes. 1,570,411; Jan. 19.
Hoist, Double-dump skip. W. E. Hale. 1,570,302; Jan. 19.
Hoisting and lowering control mechanism. E. B. Thurston. 1,570,101; Jan. 19.
Hoisting and lowering loads, Device for. H. Kell. 1,570,442; Jan. 19.
Hoisting machinery. C. W. Aveling. 1,569,846; Jan. 19.
Hook: *See*—
Safety hook.
Hook and eye. W. F. Conahan. 1,570,130; Jan. 19.
Horseshoe calks, Manufacturing. T. F. Boylan, sr. 1,570,455; Jan. 19.
Hosiery, Making. J. M. Allen. 1,570,027; Jan. 19.
Hot-air furnace. C. G. Buder. 1,570,431; Jan. 19.
Hot-air-regulating device. A. Unger. 1,570,290; Jan. 19.
Huller: *See*—
Grain huller.
Humidifier. W. B. Hodge. 1,569,860; Jan. 19.
Incinerator. J. W. Stokes. 1,570,531; Jan. 19.
Incubators, Egg tray for. P. Lieuwen. 1,569,866; Jan. 19.
Index device, Visible-. W. A. Ringler. 1,569,884; Jan. 19.
Indicator: *See*—
Switch indicator.
Ingot mold. E. Gathmann. 1,570,473; Jan. 19.
Ingot stripping. H. R. Geer. 1,570,474; Jan. 19.
Insect container. J. F. Diemer. 1,570,134; Jan. 19.
Instrument-case bezel. H. H. Bassett. Des. 69,247; Jan. 19.
Iron, Apparatus for the production of electrolytic. E. Duhme. 1,570,212; Jan. 19.

Ironing rolls, Padding for. A. F. Decker. 1,570,231; Jan. 19.
Jack: *See*—
Pump jack.
Jack. J. Mercier. 1,570,071; Jan. 19.
Jack for supporting walls of buildings, Automatically-operated. J. Bonnet. 1,570,429; Jan. 19.
Joint: *See*—
Pipe joint. Universal joint.
Kerosene heater. P. A. Kayser. 1,569,983; Jan. 19.
Kinesitherapy apparatus. C. E. Kirby. 1,570,307; Jan. 19.
Laboratory burners, Protector for. R. W. Wilton. 1,569,903; Jan. 19.
Laces, Fastener for. D. F. Troxell. 1,570,015; Jan. 19.
Ladder. B. Giustino. 1,570,240; Jan. 19.
Ladder foot. J. L. Hamel. 1,570,564; Jan. 19.
Ladder shoe. C. S. Rivitz. 1,570,576; Jan. 19.
Lamp, Faceplate for a tail. G. H. Freers. Des. 69,264; Jan. 19.
Lamp or similar article, Upright member for a. L. H. Burlin. Des. 69,251; Jan. 19.
Lamp shade. A. W. Chambers, sr. 1,570,230; Jan. 19.
Lamps, Base for portable electric. G. E. Villaret. Des. 69,302–4; Jan. 19.
Lamps, Pedestal for portable electric. G. E. Villaret. Des. 69,305; Jan. 19.
Latch. W. E. Jones. 1,570,497; Jan. 19.
Latch, Automatic. G. C. Emmert. 1,570,135; Jan. 19.
Latch, Door. G. Ausdal. 1,570,195; Jan. 19.
Lath, Wall-board. J. A. Buttress. 1,569,947; Jan. 19.
Lead oxide, Producing. S. M. Evans. 1,570,438; Jan. 19.
Leather, Ornamentation of. M. E. Mendelari. 1,570,329; Jan. 19.
Lens. F. K. Goettert. 1,569,973; Jan. 19.
License-plate holder. A. Rispel and L. C. Liedtke. Des. 69,284; Jan. 19.
Lifter: *See*—
Valve-spring lifter.
Light: *See*—
Flash light. Parking light.
Light-reflecting ornament. H. Heller. 1,570,145; Jan. 19.
Lighter, Pocket. W. Baltrusch. 1,569,941; Jan. 19.
Lighting fixture. F. C. De Reamer. 1,570,597; Jan. 19.
Lighting fixture. H. J. Gruber. Des. 69,270; Jan. 19.
Line guide. M. F. Yount. 1,570,116; Jan. 19.
Liquid-fuel burner. J. M. Dial. 1,570,535; Jan. 19.
Liquid-registering device. F. H. Grain and L. F. Maxwell. 1,570,481; Jan. 19.
Liquids, Weighing. E. J. Gase. 1,570,471; Jan. 19.
Liquids, Weighing machine for. E. Gase. 1,570,300; Jan. 19.
Loader, Portable. G. E. Lippoldt. 1,570,360; Jan. 19.
Loader. G. M. Hunt. 1,570,256; Jan. 19.
Lock: *See*—
Automobile lock. Nut lock.
Lock. J. M. Holda. 1,570,603; Jan. 19.
Lock for box lids and the like. A. Pittelkow. 1,570,449; Jan. 19.
Locked-nut apparatus. C. A. Godshalk. 1,570,476; Jan. 19.
Locking means. O. H. Merz and P. D. Humleker. 1,570,072; Jan. 19.
Locomotive. R. M. Brown. 1,570,228; Jan. 19.
Locomotive. C. O. Mikie. 1,570,313; Jan. 19.
Locomotive and vehicle drive mechanism. F. F. Small and C. E. Nagel. 1,570,091; Jan. 19.
Locomotive booster motors, Controlling mechanism for. F. R. Peters. 1,570,394; Jan. 19.
Locomotive surface condenser. A. T. Kasley. 1,570,354; Jan. 19.
Locomotives, Air-cooled condensation apparatus for. R. Wagner. 1,570,106; Jan. 19.
Looms, Automatic stop for. G. B. Ambler. 1,570,454; Jan. 19.
Looms, Stopping device for. P. and A. Renard. 1,570,283; Jan. 19.
Looms, Thread-cutting temple for. A. Lecomte. 1,570,588; Jan. 19.
Looms, Thread-cutting temple for. J. A. Sorrells. 1,570,593; Jan. 19.
Lubricating apparatus. J. J. Jacobs and R. B. Bostwick. 1,570,305; Jan. 19.
Lubricating appliance. F. L. Lane. 1,570,356; Jan. 19.
Machine-switching system. E. Land. 1,569,936; Jan. 19.
Mailing box. H. H. Styll. 1,570,533; Jan. 19.
Manacles, handcuffs, and the like. B. Cederlöf. 1,570,458; Jan. 19.
Map. B. A. Dickson. 1,570,557; Jan. 19.
Map container, Automobile. F. W. Vancil. 1,570,104; Jan. 19.
Margarine and edible fats, Manufacture of. E. V. Schou. 1,570,520; Jan. 19.
Marine propulsion. J. P. Hendrickson. 1,570,146; Jan. 19.
Mat: *See*—
Sidewalk mat.
Match and cigarette holder, Combination. M. D. Burris. 1,570,038; Jan. 19.
Mattress. E. E. La Turner. 1,569,937; Jan. 19.
Medicaments and of their solvents, Sterile preservation of dosed. E. Baumgart. 1,570,328; Jan. 19.
Mesh fabric, Machine for making staples for. R. H. Berkley. 1,570,198; Jan. 19.
Mesh, Machine for making link. R. H. Berkley. 1,570,197; Jan. 19.
Metal articles, Making. O. E. Hacker. 1,570,246; Jan. 19.
Meter: *See*—
Gas meter. Route meter.
Mill: *See*—
Grinding mill. Tube mill or ball mill.
Rolling mill.
Mining operations, Method and apparatus for conducting. J. D. MacCarthy and H. O. Moulton. 1,570,386; Jan. 19.
Mold: *See*—
Ingot mold.
Mold. D. E. Hennessy. 1,570,147; Jan. 19.
Motor: *See*—
Current motor. Pressure-fluid motor.
Motor fuel. R. H. McKee. 1,570,161; Jan. 19.
Mower bars, Power lift for. C. Pearson. 1,569,878; Jan. 19.
Music stand. J. E. Garrett and G. M. Rogers. 1,570,216; Jan. 19.
Musical-instrument support. A. Mortensen. 1,570,168; Jan. 19.
Musical instruments, Tuning peg for stringed. A. D. Grover and L. H. Bertram. 1,570,600; Jan. 19.
Musical stringed instruments, Mute for. A. D. Grover. 1,570,601; Jan. 19.
Napkin moistener. F. H. Mattingly. 1,570,163; Jan. 19.
Necktie press. W. H. Geis, jr. 1,570,561; Jan. 19.
Necktie presser. S. Newman. 1,570,391; Jan. 19.
Nodulization. J. C. Schaffer. 1,570,086; Jan. 19.
Nut lock. J. M. Perry. 1,570,002; Jan. 19.
Oil burner. W. G. Danielsen. 1,569,967; Jan. 19.
Oil burner. A. V. Pickering. 1,570,003; Jan. 19.
Oil burner. J. H. Hildebrandt. 1,570,486–8; Jan. 19.
Oil-burner construction. L. S. Chadwick and M. Resek. 1,570,434; Jan. 19.
Oil-burning apparatus. J. J. Barrett. 1,570,327; Jan. 19.
Oil from oil-bearing sands, Recovering. D. C. Collier. 1,570,205; Jan. 19.
Oil gauges, Device for illuminating. M. D. Prouty, R. Craig, C. Rawlings, and H. Carlson. 1,570,179; Jan. 19.
Oil, Refining cracked hydrocarbon. J. C. Morrell. 1,569,872; Jan. 19.
Oil, Refining hydrocarbon. J. C. Morrell. 1,569,871; Jan. 19.
Oil substitute, Linseed. J. Horowitz. 1,570,252; Jan. 19.
Oil, Treating. G. Egloff and H. P. Benner. 1,569,855; Jan. 19.
Oiling device, Shackle-bolt-. C. F. Wolf. 1,570,367; Jan. 19.
Oils, Refining. J. C. Morrell. 1,569,870; Jan. 19.
Oils, Treating petroleum. R. B. Day. 1,570,131; Jan. 19.
Operating member. M. R. Horrell. 1,570,153; Jan. 19.
Packing ring. O. W. Greene. 1,569,975; Jan. 19.
Ornament, Dress-trimming. M. Siegel. Des. 69,289; Jan. 19.
Pad: *See*—
Truss pad.
Paper-roll holder. J. E. Williams. 1,570,190; Jan. 19.
Paper rolls, Machine for packing. W. L. Jungström. 1,570,266; Jan. 19.
Paper transparent, Rendering. C. E. Swett. 1,570,098; Jan. 19.
Parking light. F. B. Leech and E. W. Titus. Re16,254; Jan. 19.
Paste tube. J. R. Gibson. 1,570,238; Jan. 19.
Pattern-drawing molding machines, Attachment for roll-over. W. Lewis. 1,570,506; Jan. 19.
Paving composition. J. H. Amies. 1,570,028; Jan. 19.
Pavement-crack filler, Color-blending. H. C. Helmle. 1,570,219; Jan. 19.
Pen and pencil holder. S. A. Bakalyar. 1,570,425; Jan. 19.
Pen, Fountain. F. E. Adamson. 1,570,026; Jan. 19.
Pet-cock-operating device. A. Myers. 1,569,998; Jan. 19.
Petroleum and other hydrocarbon compounds and preparing same, Medium for bleaching, cracking, and desulphurizing. H. and H. Reinbold. 1,570,005; Jan. 19.
Pharmaceutical preparation and a pharmaceutical preparation thus produced, Producing a. L. Flodquist and I. G. Blomquist. 1,569,956; Jan. 19.
Phonograph loud-speaker unit, Casing for a. D. H. Moss. Des. 69,280; Jan. 19.
Photographic film, Nonstatic. E. C. Pitman. 1,570,076–8; Jan. 19.
Photographic production of typographical printing surfaces, Means for use in the. J. N. Banks. 1,570,424; Jan. 19.
Photographing system, Detective. R. R. Reed. 1,570,004; Jan. 19.
Photographs in natural colors on paper, Producing. H. Diernhofer. 1,570,375; Jan. 19.
Piano player. J. Wearham. 1,570,019; Jan. 19.
Pianoforte. E. Maxted-Massey. 1,570,513; Jan. 19.
Pile and pile driving. A. G. Rotinoff. 1,570,404; Jan. 19.
Pinning and nailing machine. F. and H. Curtin. 1,569,914; Jan. 19.
Pipe connection. V. Karbowski. 1,570,155; Jan. 19.
Pipe-gripping device. P. G. Leonard. 1,570,069; Jan. 19.

Pipe joint. G. C. Bartram. 1,570,223; Jan. 19.
Pipe trap. E. J. Wiley. 1,570,112; Jan. 19.
Pipes, Apparatus for applying helical ribs to. H. J. Zimmermann. 1,570,117; Jan. 19.
Pipes, valves, and other vessels, Closure for. H. C. Nixon. 1,569,875; Jan. 19.
Pistol, Automatic. J. E. Eriksen. 1,569,856; Jan. 19.
Piston. D. E. Claypool. 1,569,966; Jan. 19.
Planter. L. V. Schnoebelen. 1,570,087; Jan. 19.
Plaster of Paris and making the same. E. L. Wilson. 1,570,583; Jan. 19.
Plastic composition. C. J. Hoover. 1,570,585; Jan. 19.
Plastic composition, a putty or a filler cement. M. W. and W. F. Nelson. 1,570,169; Jan. 19.
Plate or similar article. G. Haviland. Des. 69,274; Jan. 19.
Platen equipment, Multibilling. H. A. Foothorap. 1,569,917; Jan. 19.
Platform structure. E. McClure. 1,570,384; Jan. 19.
Plow. L. P. Biggers. 1,569,962; Jan. 19.
Plug or socket for masonary. A. B. Feldmar. 1,570,234; Jan. 19.
Plug, Pull-off. J. B. Glowacki. 1,569,972; Jan. 19.
Polishing machine. R. F. Salisbury. 1,570,406; Jan. 19.
Pool-table ball collecting and returning device. E. F. O'Neill and E. L. Kern. 1,570,173; Jan. 19.
Power-transmission chain. F. Müller. 1,570,272–4; Jan. 19.
Press: *See*—
Drawing press. Necktie press.
Presses, Platen for pot. F. S. Carvel. 1,570,433; Jan. 19.
Pressure-fluid motor. G. H. Gilman. 1,570,379; Jan. 19.
Pressure gauge, Differential. J. W. Gamble. 1,569,959; Jan. 19.
Printing apparatus. G. F. Pond. 1,570,450; Jan. 19.
Printing machine. W. B. Payne. 1,570,175; Jan. 19.
Printing presses, Inking mechanism for. H. M. Barber. 1,570,293; Jan. 19.
Profilograph. D. Berge. 1,570,548; Jan. 19.
Propylene-thiohydrin or propylene-ethylene-thiohydrin and products obtained thereby, Preparing. G. Kränzlein and M. Corell. 1,570,262; Jan. 19.
Pump. G. Constantinesco. 1,570,554; Jan. 19.
Pump, Air booster. F. J. Kimball. 1,570,259; Jan. 19.
Pump jack. E. R. Purvis. 1,570,280; Jan. 19.
Pump liners and valve seats, Device for removing. B. H. Davis. 1,570,338; Jan. 19.
Pump mechanism. J. M. Lea. 1,570,381; Jan. 19.
Pump-packing-expanding device. A. J. Cormier. 1,570,043; Jan. 19.
Pumping power for oil wells. R. A. Dresser. 1,570,343; Jan. 19.
Pumps, Cleaning lubrication of deep-well. V. Schleyer. 1,570,285; Jan. 19.
Rack: *See*—
Game-chip rack. Tire rack.
Radiator. J. Palermiti. 1,570,316; Jan. 19.
Radiator. O. Haseiau. 1,569,929; Jan. 19.
Radiator cap. H. T. Hollingshead. Des. 69,276; Jan. 19.
Radiator protector. V. E. Blackburn. 1,570,428; Jan. 19.
Radiator shield and humidifier, Combined. H. W. Reuter. 1,570,402; Jan. 19.
Radiator support, Wall-. A. Seidel. 1,570,407; Jan. 19.
Radio apparatus and the like, Pointer knob for. H. J. Kasch. Des. 69,278; Jan. 19.
Radio-battery-charging switch means. J. F. Keane. 1,570,499; Jan. 19.
Radiocabinet. A. J. D. Ohm. Des. 69,283; Jan. 19.
Radiointerference on wire lines, Method of and apparatus for neutralizing. H. A. Affel and L. M. Ilgenfritz. 1,569,905; Jan. 19.
Railway-crossing gate. E. E. Beecher. 1,569,908; Jan. 19.
Railway rail and tie securing device. G. W. Muller. 1,570,390; Jan. 19.
Railway-switch cleaner. T. J. Wyrembek. 1,570,191; Jan. 19.
Raincoat. W. Geisler. 1,569,960; Jan. 19.
Ranges and the like, Fuel gasifier for kitchen. F. Allendorf. 1,570,325; Jan. 19.
Razor, Safety. T. S. Goff. 1,570,599; Jan. 19.
Reamers, Making. J. B. Dillard. 1,570,049; Jan. 19.
Receptacle, Sanitary. A. Edwards. 1,570,344; Jan. 19.
Refrigerant. R. R. Stitt. 1,570,080; Jan. 19.
Refrigeration. H. S. Vassar. 1,570,416; Jan. 19.
Refrigerator. A. D. Sanders, jr. 1,570,009; Jan. 19.
Refrigerators, Pressure-controlled temperature regulator for artificial. F. J. Heideman. 1,570,144; Jan. 19.
Regulating means, Automatic. C. M. Terry. 1,569,897; Jan. 19.
Regulator: *See*—
Window regulator.
Release lever. F. W. Bold. 1,569,911; Jan. 19.
Religious automata. J. C. Freidhoff. 1,569,958; Jan. 19.
Resin substitute produced by Friedel Crafts reaction. E. Freund and H. Jordan. 1,570,469; Jan. 19.
Ribbon reverse, Automatic. G. F. Handley. 1,570,218; Jan. 19.
Ring: *See*—
Fastening and clamping Packing ring.
ring.
Ring-spinning frame and other spinning machine. R. Taylor. 1,570,323; Jan. 19.
Rivets, screw blanks, and the like, and in other upsetting machines, Holder for the blank in machines for making. S. H. Svensson and K. O. Engkvist. 1,569,895; Jan. 19.
Road equalizer. C. J. Patterson. 1,570,522; Jan. 19.
Road grader. C. E. Gilbert. 1,570,140; Jan. 19.
Road-grading machine. D. G. Mackenzie and M. H. Necker. 1,570,267; Jan. 19.
Road-packing machine. R. A. Thompson. 1,570,582; Jan. 19.
Road-working apparatus. T. S. O'Brien. 1,570,171; Jan. 19.
Rolled material, Holder for. P. Levine. 1,570,358; Jan. 19.
Rollers, Adjusting means for. N. P. Sjobring and M. Swanson. 1,570,452; Jan. 19.
Rolling mill. L. Lee. 1,570,068; Jan. 19.
Roof covering. J. E. Hooker. 1,570,152; Jan. 19.
Route meter. E. F. Buettner, E. Ganun, and H. K. Throm. 1,569,946; Jan. 19.
Rubber to metal and article produced thereby, Attaching. A. B. Merrill. 1,570,445; Jan. 19.
Rule and compass, Combined parallel. S. G. Le Gresley. 1,569,938; Jan. 19.
Saddle-traversing mechanism. R. H. Rausch. 1,570,401; Jan. 19.
Safety hook. G. F. Hickok. 1,570,149; Jan. 19.
Safety signal. W. E. Beard. 1,569,907; Jan. 19.
Sample tab. J. Wieder. 1,570,364; Jan. 19.
Sanding block. J. B. Pointer. 1,570,177; Jan. 19.
Sash fastener. J. O. Becvar. 1,570,034; Jan. 19.
Sash fastener, Window-. B. E. Bowles. 1,569,849; Jan. 19.
Sash-weight cores, Mold for. J. J. Fleming. 1,570,054; Jan. 19.
Scaffold anchor. P. E. Cooper. 1,569,951; Jan. 19.
Scaffold or staging. C. M. West. 1,570,541; Jan. 19.
Scale. L. A. Osgood and E. E. Wolf. 1,570,074; Jan. 19.
Scale casing. C. H. Hapgood. Des. 69,271; Jan. 19.
Seal or tag for meats. F. G. Purinton. 1,570,399–400; Jan. 19.
Sealing strip. J. R. Replogle. 1,570,186; Jan. 19.
Seam anchor. P. Hogan. 1,570,439; Jan. 19.
Seam rubbing. F. M. Furber. 1,570,057; Jan. 19.
Searchlight, Dirigible. A. C. Wood and L. L. Meyers. 1,570,024; Jan. 19.
Seed hulls and product, Treating. R. Morgenler. 1,570,389; Jan. 19.
Sending and receiving system, Simultaneous. A. J. Kloneck. 1,570,261; Jan. 19.
Sewing machine, Bag-. F. J. Thull. 1,570,100; Jan. 19.
Sewing-machine looper mechanism. A. B. Clayton. 1,569,912; Jan. 19.
Sewing machines, Feeding mechanism for book-. U. Bischof. 1,569,909; Jan. 19.
Sewing machines, Shuttle casing for. G. G. Paine. 1,570,075; Jan. 19.
Sewing machines, Thread puller for automatic-stop. M. McCann. 1,569,992; Jan. 19.
Shaft-drive draw work and rotary drilling machine. E. W. Gosser and W. D. Davidson. 1,570,243; Jan. 19.
Shaft-rocking mechanism. P. R. Kemble. 1,569,984; Jan. 19.
Sharpener, Knife-blade. C. Runzi. 1,570,083; Jan. 19.
Shears, Extension-limiting means for grass. G. Reiter. 1,570,282; Jan. 19.
Sheave block. B. S. Minor. 1,570,271; Jan. 19.
Sheet-feeding mechanism for forming machines. L. E. Parker. 1,570,592; Jan. 19.
Shell and producing the same, Decorative exfoliated. S. Rauschenberg. 1,570,183; Jan. 19.
Shingle. T. D. Miller. 1,570,516; Jan. 19.
Shingle clamp, Storm-type. J. C. Barley. 1,570,222; Jan. 19.
Shirt. J. H. Cronin. 1,570,208; Jan. 19.
Shock absorber. B. T. Phillips. 1,570,395; Jan. 19.
Shock absorber. M. E Goldensky and S. S. Harris. 1,570,479; Jan. 19.
Shock absorber for vehicles. S. A. Moss. 1,569,873; Jan. 19.
Shock diffuser. F. F. Landis. 1,570,159; Jan. 19.
Shocking machine. L. J. Clement 1,570,204; Jan. 19.
Shoe-cleaning device. M. J. Sperling. 1,569,989; Jan. 19.
Shoe-polishing machine. S. D'Aprea. 1,570,465; Jan. 19.
Shoe support and form. E. L. Cavanna. 1,570,295; Jan. 19.
Shoes, Machine for use in the manufacture of. T. Lund. 1,569,991; Jan. 19.
Shoes, Making. F. N. La Chapelle. 1,570,067; Jan. 19.
Shoes, Method of and machine for operating upon. C. De Minico. 1,569,853; Jan. 19.
Shore, Adjustable. G. B. Bosco. 1,570,226; Jan. 19.
Shovel: *See*—
Adjustable shovel.
Sidewalk mat. B. Izzo. 1,569,934; Jan. 19.
Sight testing and which can also be used as a mirror. Device for displaying printed or other matter employed in. P. Stevenson, jr. 1,570,408; Jan. 19.
Signal: *See*—
Direction signal. Safety signal.
Signaling devices, Circuit-controlling means for. L. H. Walsh. 1,570,107; Jan. 19.

Signaling system. J. F. Toomey. 1,569,898; Jan. 19.
Sink. C. E. Howard. 1,569,978; Jan. 19.
Sled. I. L. Robblee. 1,569,885; Jan. 19.
Snow-removing apparatus. E. L. Dunkle. 1,570,377; Jan. 19.
Sodium thiosulphate, Manufacture of. H. Howard. 1,570,253; Jan. 19.
Sound-reproducing machine, Cabinet for a. M. Nystrom. Des. 69,282; Jan. 19.
Sound-reproducing method and apparatus. J. W. Horton. 1,570,490; Jan. 19.
Sounds, Recording and reproducing. F. L. Dyer. 1,570,297; Jan. 19.
Spark and throttle control, Combined. H. M. Denyes. Des. 69,259; Jan. 19.
Spark plug and making same. A. E. Serewicz. 1,570,320; Jan. 19.
Speedometer and odometer, Production of units of combined. F. G. Whittington. 1,570,021; Jan. 19.
Spoon, Skimming. J. T. Sweeney. 1,570,321; Jan. 19.
Spring: *See*—
Automobile spring.
Sprocket chain. H. P. Stevens. 1,570,014; Jan. 19.
Stamp-canceling machine. J. O. Lamoureux. 1,570,355; Jan. 19.
Stamp for convex surfaces, Hand-. D. F. Meyer. 1,570,387; Jan. 19.
Stand: *See*—
Boiler stand. Music stand.
Steel, Degassing and deoxidizing. S. Peacock and N. E. Cook. 1,570,176; Jan. 19.
Steering apparatus. E. E. Winkley. 1,570,543; Jan. 19.
Steering gear. O. M. Jackson. 1,570,493; Jan. 19.
Steering wheel. H. E. Sheller. 1,569,888; Jan. 19.
Step plate, Illuminated. W. Lindsay. 1,569,867; Jan. 19.
Stereotype printing plates, Apparatus for casting curved. B. J. J. Goulding. 1,570,480; Jan. 19.
Stone, Making artificial. J. Thomas. 1,570,538; Jan. 19.
Stone-cutting machine. E. T. Pollard. 1,570,318; Jan. 19.
Stop cock. J. H. Bruhn and A. E. Matz. 1,570,126; Jan. 19.
Storage battery. W. H. Wood. 1,570,115; Jan. 19.
Storage receptacle for substances easily decomposable in solutions. M. Hahn. 1,570,346; Jan. 19.
Stove chimneys, Insulating attachment for oil-. A. H. Jewell. 1,570,495; Jan. 19.
Stoves, Depending shield attachment for oil. A. H. Jewell. 1,570,494; Jan. 19.
Straw-spreading attachment. W. F. Reschke. 1,569,882; Jan. 19.
Stropper, Razor. E. B. Gibford. 1,569,969; Jan. 19.
Structural unit. D. F. Stevens. 1,570,595; Jan. 19.
Structural unit, Composite. J. G. Donaldson and H. L. Coles. 1,569,954; Jan. 19.
Suction apparatus. L. Brodersen and M. E. Steppings. 1,570,370; Jan. 19.
Suitcase, Wardrobe. G. M. Kapriellan. 1,569,982; Jan. 19.
Sundial. S. W. Balch. 1,570,029; Jan. 19.
Swimming appliance. L. F. Snapp. 1,569,892; Jan. 19.
Switch: *See*—
Connecter switch. Thermostatic switch.
Electric switch. Transfer switch.
Switch indicator. H. B. Newhall. 1,570,315; Jan. 19.
Syringe, Hypodermic. M. F. Bauchert. 1,569,961; Jan. 19.
T Square. S. S. Hinds. 1,570,150; Jan. 19.
Tabulating machine, Automatically-controlled. C. D. Lake. 1,570,264; Jan. 19.
Tank: *See*—
Filtering tank.
Tank or can closure. J. S. Reid. 1,569,881; Jan. 19.
Tanks, Metallic roof for. J. T. Maguire. 1,570,311; Jan. 19.
Tanks, Safety attachment for. J. Cohn. 1,570,461; Jan. 19.
Telegraph repeater. G. S. Vernam and E. F. Watson. 1,569,899; Jan. 19.
Telegraph system. A. A. Clokey. 1,570,460; Jan. 19.
Telemotor apparatus, Electric. M. P. Laughlin. 1,570,505; Jan. 19.
Telephone. H. Sell. 1,570,287; Jan. 19.
Telephone calling transmitter, Automatic. S. W. Balch. 1,570,030; Jan. 19.
Telephone device. A. F. Bennett. 1,570,120; Jan. 19.
Telephone receivers, Diaphragm for. P. J. Cook. 1,570,337; Jan. 19.
Telephone receivers, Support for head. H. R. Clarke. 1,570,129; Jan. 19.
Telephone system, Automatic. J. Wicks. 1,570,022; Jan. 19.
Telephones, Memorandum-pad equipment for. C. L. Bowers. 1,570,430; Jan. 19.
Temperature on a portion of the body, Apparatus for maintaining constant. S. L. Owens. 1,569,877; Jan. 19.
Testing appliance. A. O. Oehrli. 1,570,520; Jan. 19.
Textile machines, Clearer and slub catcher for. W. M. Hastings. 1,570,248; Jan. 19.
Thermostatic control. L. Mombaruzzo. 1,570,446; Jan. 19.
Thermostatic switch. R. H. Houk. 1,569,933; Jan. 19.
Thiocyanates and thiosulphates, Recovery of. M. Darrin. 1,570,047; Jan. 19.
Tile, Roof or building. L. Lane. 1,570,504; Jan. 19.
Tiles, Making concrete. A. G. Hatch. 1,569,977; Jan. 19.
Time indicator and sighting compass, Combination. G. Hollinwood. 1,570,349; Jan. 19.
Tire. L. R. Davis. Des. 69,258; Jan. 19.
Tire and demountable rim. C. M. Manly. 1,570,590; Jan. 19.
Tire carrier and rim contractor and expander, Combined spare-. H. K. Johnson. 1,569,980; Jan. 19.
Tire casings, Repairing. A. H. Fisher. 1,570,298; Jan. 19.
Tire rack. F. E. Weller. 1,570,110; Jan. 19.
Tire traction chain, Truck. W. and M. H. Paterson. 1,570,174; Jan. 19.
Tire valve. C. S. Preston. 1,570,397; Jan. 19.
Tire, Vehicle. E. H. Dickensheet. 1,570,048; Jan. 19.
Tires of automobiles, Locking mechanism for the spare. C. A. Godshalk. 1,570,477; Jan. 19.
Tires or wheels from motor trucks, Device for removing. E. C. Lyman. 1,570,070; Jan. 19.
Toaster, Electric. M. Murphy. 1,570,447; Jan. 19.
Toe binder. J. Fausse. 1,570,053; Jan. 19.
Toilet articles, Holder for. A. O. Nelson. Des. 69,281; Jan. 19.
Tone-arm connecter, Regulable. J. Koranek. 1,570,308; Jan. 19.
Tongs, Clothes. V. E. Nelson. 1,569,999; Jan. 19.
Top, Spinning. S. L. Connell. 1,570,206; Jan. 19.
Toy. K. Brown. 1,570,332; Jan. 19.
Toy. L. L. Boyed. 1,570,330; Jan. 19.
Toy. P. Marchese. 1,570,511; Jan. 19.
Toy balloon. L. R. Holycross. 1,570,567; Jan. 19.
Toy, Figure. L. Marx. 1,570,268; Jan. 19.
Toy, Figure wheeled. F. McCollum, jr. 1,570,160; Jan. 19.
Toy, Vehicular. W. H. Appleby. 1,570,546; Jan. 19.
Trailer. I. J. Merrill. 1,570,165; Jan. 19.
Train-control system. J. Shoecraft. 1,570,530; Jan. 19.
Train-door-control system. L. P. Hynes. 1,570,304; Jan. 19.
Track section, Drop. E. T. Bennington. 1,570,035; Jan. 19.
Tractor. A. U. Avera. 1,570,547; Jan. 19.
Tractor guide. F. H. Norman. 1,570,276; Jan. 19.
Tractor scoop. S. W. Briggs. 1,569,944; Jan. 19.
Tractors, Radiator attachment for. J. H. Klinkerman. 1,570,260; Jan. 19.
Transfer switch. C. C. Chapin. 1,569,965; Jan. 19.
Transmitter. N. H. Suren. 1,570,596; Jan. 19.
Trap: *See*—
Pipe trap.
Trap. L. C. Schneider. 1,570,578; Jan. 19.
Trimmer: *See*—
Hedge trimmer. Wick trimmer.
Truck, Railway. H. Glaenzer and J. S. Keen. 1,570,563; Jan. 19.
Truck, Removable body. W. M. Baxter. 1,570,119; Jan. 19.
Trucks and automobiles, Spring seat for. H. R. Holmes. 1,570,063; Jan. 19.
Trunk. P. Gilliam. 1,569,971; Jan. 19.
Truss. G. W. Cardey. 1,569,964; Jan. 19.
Truss-form system. C. C. Jones. 1,570,496; Jan. 19.
Truss pad. T. J. Le Cras. 1,570,571; Jan. 19.
Tube: *See*—
Paste tube.
Tube-closing apparatus, Collapsible-. H. B. Lermer. 1,569,865; Jan. 19.
Tube mill or ball mill. P. V. A. A. Herbst. 1,569,930; Jan. 19.
Turbine construction, Gate stop for. H. Syvertsen. 1,570,536; Jan. 19.
Turnover mechanism. L. J. Schwab. 1,570,088; Jan. 19.
Type, Fork for composing and distributing. C. F. Green. 1,570,217; Jan. 19.
Typewriting machine. G. W. Campbell. 1,569,950; Jan. 19.
Typewriting machine. E. B. Hess. 1,570,250; Jan. 19.
Typewriting machine. J. B. Holden. 1,570,348; Jan. 19.
Typewriting machine. A. G. F. Kurowski. 1,570,309; Jan. 19.
Typewriting machine. J. A. B. Smith. 1,569,890–1; Jan. 19.
Typewriting machine. H. H. Vickers. 1,569,900; Jan. 19.
Typewriting machines, Casing for. A. G. F. Kurowski. 1,570,263; Jan. 19.
Typewriting machines, Ribbon feeding mechanism for. C. B. B. Hess and L. C. Myers. 1,570,220; Jan. 19.
Typographical composing and distributing machine. D. S. Kennedy. 1,570,258; Jan. 19.
Umbrella rack and smoking stand. S. Weinschenk. 1,570,540; Jan. 19.
Undergarment, Lady's. W. L. Siewers. 1,569,889; Jan. 19.
Universal joint. A. H. Leipert. 1,569,989; Jan. 19.
Vacuum tanks, Strainer for. J. K. Olsen. 1,570,073; Jan. 19.
Valve. H. E. Freebury. 1,570,468; Jan. 19.
Valve and cock. R. Howell. 1,570,568; Jan. 19.
Valve, Air-brake release. P. B. Rohner. 1,570,187; Jan. 19.

Valve-controlled ventilating device, Gas-. H. Dyer. 1,570,232; Jan. 19.
Valve for air compressors and the like. B. V. Nordberg. 1,570,392; Jan. 19.
Valve mechanism. H. L. Colby. 1,569,852; Jan. 19.
Valve, Railway-air-brake-control. L. A. M. Barascud. 1,570,426; Jan. 19.
Valve rotator, Poppet-. C. E. Sargent. 1,569,887; Jan. 19.
Valve-spring compressor. G. D. Bussard. 1,570,039; Jan. 19.
Valve-spring lifter. L. H. Bayler. 1,570,224; Jan. 19.
Valve, Swing-spout. O. N. Wiswell. 1,570,114; Jan. 19.
Vanadium from petroleum hydrocarbons, Recovering. A. Oberle. 1,570,170; Jan. 19.
Vanity box. A. S. Lyhne. 1,570,382; Jan. 19.
Vault, Fireproof. H. S. Gaskill. 1,570,472; Jan. 19.
Vehicle brake apparatus. G. A. Evans. 1,570,378; Jan. 19.
Vehicle, Child's. F. Strauss. 1,570,410; Jan. 19.
Vehicle, Motor. J. Hammerl. 1,570,483; Jan. 19.
Vehicle tops, Quarter pad for. V. P. Rumely. 1,570,412; Jan. 19.
Vehicles, Body construction for. W. H. Emond. 1,570,560; Jan. 19.
Vehicles, Discharging device for. C. Möller. 1,569,997; Jan. 19.
Vehicles, Electric coupling for railway. H. E. Van Dorn. 1,570,105; Jan. 19.
Vehicles, Fender guard for. H. W. Tinker. Des. 69,292; Jan. 19.
Vehicles, Radiator for motor. J. D. Harris and T. M. Dalgarn. 1,570,142; Jan. 19.
Vehicles, Wheel guard for. R. Wade. 1,570,292; Jan. 19.
Ventilating fan. W. Buccuto. 1,570,371; Jan. 19.
Ventilator: *See*—
Car ventilator. Window ventilator.
Ventilator. A. L. Schwartzberg. 1,570,089; Jan. 19.
Ventilator. W. H. Jardine. 1,570,441; Jan. 19.
Violin chin rest. S. J. Wallace. 1,570,361; Jan. 19.
Violin-position guide. F. A. Bua. 1,570,457; Jan. 19.
Vitreous composition and articles made therefrom. E. C. Buck. 1,570,202; Jan. 19.
Voile fabric, Flocked. E. B. Vandergaw and J. Heinrich. Des. 69,293–301; Jan. 19.
Wafers, Machine for coating. F. G. Salerno. 1,570,405; Jan. 19.
Wagon box, Dumping. W. C. and H. C. Bruhn. 1,570,125; Jan. 19.
Wagon, Coaster. L. R. Schaffner. 1,570,528; Jan. 19.
Wall board, etc., Machine for making. H. B. and H. W. Cobb. 1,570,335; Jan. 19.
Wall paper. A. C. Dodman, jr., and C. S. Reiber. Des. 69,260–1; Jan. 19.
Wardrobe and blackboard, Class-room. F. B. Miller. 1,570,388; Jan. 19.
Washboiler. A. E. Fisher. 1,570,136; Jan. 19.
Washer: *See*—
Window washer.
Washing machine. J. H. Andresen. 1,570,423; Jan. 19.
Washing-machine wringer. A. J. Fisher. 1,569,859; Jan. 19.
Washing machines and the like, Drain spout for. W. H. George. 1,570,058; Jan. 19.
Watchcase. I. Tannenbaum. Des. 69,291; Jan. 19.
Water bags, Making. H. G. Carter. 1,570,128; Jan. 19.
Water craft, Sectional. J. Gleave. 1,570,241; Jan. 19.
Water or liquid, Filtration of. R. H. L. Pennell. 1,570,523; Jan. 19.
Water plug. W. Z. Pulliam. 1,570,180; Jan. 19.
Waterproof quilting. R. Falter. 1,569,955; Jan. 19.
Water transportation and a novel boat for use in connection therewith, System of. H. H. Fisher and W. B. Rittenhouse. 1,569,916; Jan. 19.
Weight for the horns of cattle. F. H. Petersen. 1,570,524; Jan. 19.
Wheel: *See*—
Disk wheel. Steering wheel.
Wheel. A. Kaufmann. 1,570,257; Jan. 19.
Wheeled toy. R. D. Grove. Des. 69,269; Jan. 19.
Wick trimmer. S. T. Atkin. 1,570,194; Jan. 19.
Window and door frames, Method and arrangement for fastening. V. K. Hultin. 1,570,351; Jan. 19.
Window-blind fitting. C. Nevatt. 1,570,573; Jan. 19.
Window-blind fitting, Roller. C. Nevatt. 1,570,574; Jan. 19.
Window frames in convertible vehicle bodies, Mechanism for raising and lowering the. J. E. Sersté. 1,570,011; Jan. 19.
Window regulator. E. Koeb. 1,570,502; Jan. 19.
Window ventilator, Automatic. V. M. Allen. 1,569,847; Jan. 19.
Window washer. R. A. Lychou. 1,570,509; Jan. 19.
Window-washing apparatus. J. C. G. Bonney. 1,570,201; Jan. 19.
Window-washing apparatus, Pad for. J. C. G. Bonney. 1,570,200; Jan. 19.
Windshield cleaner. F. G. and W. M. Folberth. 1,570,598; Jan. 19.
Windshield, Rear-seat. J. C. Kelsch. 1,570,569; Jan. 19.
Wire, Process and machine for shaping. F. H. Beyea. 1,570,036; Jan. 19.
Wireless apparatus. A. Mavrogenis. 1,570,444; Jan. 19.
Wood, Machine for bending. L. Johnson. 1,569,935; Jan. 19.
Woven fabric. L. Bluhm. Des. 69,250; Jan. 19.
Wrecking bar. M. Younick. 1,570,192; Jan. 19.
Wrench. J. E. Kenerson. 1,570,586; Jan. 19.
Wringer: *See*—
Washing-machine wringer.
Wringer. A. W. Altorfer. 1,570,545; Jan. 19.
Wringer. B. E. Getz. 1,570,562; Jan. 19.
Yeast and making it, Preserved. U. Wegener. 1,570,418; Jan. 19.

CLASSIFICATION OF PATENTS

ISSUED JANUARY 19, 1926.

NOTE.—First number—class, second number—subclass, third number—patent number.

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11: 1,570,589
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90: 1,569,887
173: 1,570,334
125— 13: 1,570,318
126— 40: 1,569,903
47: 1,570,495
96: 1,569,983
99: 1,570,290
1,570,489
110: 1,570,431
214: 1,570,494
272: 1,570,235
363: 1,570,211
127— 37: 1,570,553
128— 76: 1,570,524
112: 1,569,964
117: 1,570,571
218: 1,569,961
258: 1,569,877
272: 1,570,328
1,570,346
297: 1,570,370
129— 16: 1,569,884
40: 1,570,139
132— 13: 1,570,013
38: 1,570,141
82: 1,570,382
92: 1,570,357
134— 56: 1,570,252
136— 77: 1,570,115
137— 9: 1,570,058
13: 1,570,180
75: 1,570,520
76: 1,569,875
139: 1,569,852
1,569,998
139— 303: 1,570,588
1,570,593
336: 1,570,283
372: 1,570,454
140— 3: 1,570,197
141— 9: 1,570,296
144— 255: 1,569,935
149— 3: 1,570,383
150— 1.5: 1,570,500
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28: 1,570,515
29: 1,570,326
151— 2: 1,570,565
10: 1,570,002
152— 1: 1,570,048
12: 1,570,397
21: 1,570,319
26: 1,570,298
153— 64.5: 1,570,117
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154— 50: 1,569,955
155— 9: 1,570,063
55: 1,570,096
77: 1,570,436
138: 1,570,437
157: 1,570,435
156— 28: 1,570,573
34: 1,570,574
44: 1,570,016
158— 42.3: 1,570,007
46.5: 1,570,010
56: 1,569,883
91: 1,570,496
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161— 8: 1,570,082
167— 7: 1,569,956
169— 35: 1,570,052
171— 242: 1,569,965
321: 1,570,420
172— 8: 1,570,547
159: 1,570,101
239: 1,569,925
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240: 1,570,369
280: 1,570,109
281: 1,570,347
173— 330: 1,570,597
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343: 1,569,972
174— 89: 1,570,041
177— 330: 1,570,255
351: 1,569,922
380: 1,570,506
178— 44: 1,570,215
63: 1,570,460
71: 1,569,899
179— 18: 1,569,936
27: 1,570,022
78: 1,569,905
89: 1,569,898
90: 1,569,874
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115: 1,570,287
122: 1,570,120
156: 1,570,129
181: 1,570,337
180— 80: 1,570,097
83: 1,570,464
183— 44: 1,570,138
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189— 53: 1,570,310
190— 12: 1,570,350
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57: 1,570,025
192— 84: 1,570,414
196— 14: 1,570,205
24: 1,570,193
33: 1,569,870
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68: 1,570,131
96: 1,569,855
197— 6.2: 1,570,175
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138: 1,569,891
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165: 1,570,218
186: 1,569,960
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79: 1,570,350
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199— 17: 1,570,258
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200— 15: 1,570,237
59: 1,570,107
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137: 1,569,933
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168: 1,569,864
201— 63: 1,570,084
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206— 8: 1,570,275
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206— 44: 1,570,336
56: 1,570,095
208— 42: 1,570,546
165: 1,570,330
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209— 71: 1,570,094
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210— 125: 1,570,523
145: 1,569,896
164: 1,570,073
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211— 13: 1,570,196
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214— 1: 1,570,070
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18: 1,570,463
36: 1,570,119
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132: 1,570,061
135: 1,570,108
215— 44: 1,569,926
63: 1,570,344
217— 5: 1,570,018
219— 6: 1,570,432
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56: 1,570,270
60: 1,570,238
67: 1,570,031
102: 1,570,032
222— 6: 1,570,583
223— 19: 1,570,508
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224— 29: 1,569,980
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226— 46: 1,570,432
77: 1,569,948
92: 1,569,894
97: 1,570,151
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228— 17: 1,570,240
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62: 1,570,564
229— 6: 1,569,932
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232— 1: 1,570,207
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235— 61: 1,570,352
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92: 1,570,264
96: 1,570,021
236— 16: 1,570,570
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76: 1,569,994
85: 1,569,897
237— 78: 1,570,402

238— 26: 1,570,390
240— 1: R. 16,254
2: 1,570,004
1,570,179
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8. 26: 1,569,867
10. 5: 1,570,393
41: 1,570,503
1,570,589
48. 4: 1,569,973
1,570,491
61: 1,570,024
1,570,284
62: 1,570,188
1,570,544
100: 1,570,345
108: 1,570,230
241— 1: 1,570,492
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242— 61: 1,570,358
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244— 15: 1,570,121
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64: 1,570,556
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65: 1,570,300
250— 9: 1,570,261
27: 1,570,265
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251— 47: 1,570,468

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99: 1,570,126
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131: 1,570,192
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132: 1,570,111
136: 1,570,017
149: 1,570,316
259— 107: 1,569,858
260— 2: 1,570,469
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128: 1,570,203
151: 1,570,262
155: 1,570,046
261— 18: 1,570,143
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263— 5: 1,570,426
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48: 1,570,064
49: 1,570,055

265— 12: 1,570,249
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275— 8: 1,569,882
276— 37: 1,570,217
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35: 1,570,125
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51: 1,570,051
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304— 2: 1,570,541
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56: 1,570,033
59: 1,570,293
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168: 1,570,356
189: 1,570,056
227: 1,570,566

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Acme Brick Company, Fort Worth, Tex. Brick. 208,387–8; Jan. 26.

Aktiebolaget Alpha, Sundbyberg, near Stockholm, Sweden. Machines for testing the hardness of materials. 208,272; Jan. 26; Serial No. 217,654; published Nov. 3, 1925.

Alexander Milling Company, The, Winfield, Kans. Wheat flour. 208,250; Jan. 26; Serial No. 219,866; published Nov. 3, 1925.

American Agricultural Chemical Company, The, New York, N. Y. Poultry food. 208,279; Jan. 26; Serial No. 215,394; published Nov. 3, 1925.

American Thread Company, The. (See Willimantic Linen Company, assignor.)

Anodine Pharmacal Company. (See Sugg, Rush.)

Aphicide Spray Mfg. Co. (See Burrell, Delavan V.)

Babani, M., Paris, France. Perfumes, face powder, rouge, etc. 208,328; Jan. 26; Serial No. 220,015; published Nov. 3, 1925.

Barber, W. H., Company, Minneapolis, Minn. Petroleum products. 208,396; Jan. 26.

Beach-Simon Co. (See Simon, Sidney M.)

Bergs, E. A., Fabriks Aktiebolag, Eskilstuna, Sweden. Tongs, razors, plane iron, grooving iron, etc. 208,290; Jan. 26; Serial No. 203,932; published Nov. 3, 1925.

Bintliff Manufacturing Co., Minneapolis, Minn. Pictures and framed pictures. 208,385; Jan. 26.

Brueck, Joseph, doing business as Glossine Chemical Co., New York, N. Y. Composition of matter for the extraction of hairs. 208,319; Jan. 26; Serial No. 220,885; published Nov. 3. 1925.

Buffalo Specialty Company, Buffalo, N. Y. Cleaner and polisher of woodwork and enameled surfaces. 208,384; Jan. 26.

Burdwise, A. (See Tim Ges. m. b. H., assignor.)

Burrell, Delavan V., doing busines as Aphicide Spray Mfg. Co., Rocky Ford, Colo. Insecticide. 208,266; Jan. 26; Serial No. 219,935; published Nov. 3, 1925.

Burrow Manufacturing Company, Spokane, Wash. Tire boots for automobile tires. 208,340; Jan. 26; Serial No. 218,950; published Nov. 10, 1925.

Cafiero & Mencacci, Brooklyn, N. Y. Canned fruits, vegetables, and fish, and olive oil, macaroni, and tomato paste. 208,280; Jan. 26; Serial No. 215,232; published Oct. 27, 1925.

Calmes Frères, Roquefort, France, and New York, N. Y. Cheese. 208,362; Jan. 26.

Campbell, James; The Campbell-Hausfeld Company, Harrison, Ohio, successor. Corn drills. 27,302; renewed Nov. 19, 1925.

Canadian Club Corporation. (See Ireland, William, Incorporated, assignor.)

Chicago Mail Order Company, Chicago, Ill. Men's dress shoes. 208,303; Jan. 26; Serial No. 220,397; published Nov 3, 1925.

Chicago Piston Ring Company, The. (See Hallam, Ralph M.)

Christian Moerlein Brewing Co., The, Cincinnati, Ohio. Lager beer. 47,128; renewed Oct. 24, 1925.

Ciolen Laboratories. (See Woldan, Paul.)

Clauser, Archibald C., Reading, Pa. Butter, eggs, and dressed poultry. 208,250; Jan. 26; Serial No. 219,229; published Nov. 3, 1925.

Cleary, Richard T., Charleston, W. Va. Shampoo and scalp treatment. 208,257; Jan. 26; Serial No. 219,814; published Nov. 3, 1925.

Cleveland Twist Drill Company, The, Cleveland, Ohio. Metal-working small tools. 208,281; Jan. 26; Serial No. 213,278; published Nov. 3, 1925.

Columbus Vending Company, The, Columbus, Ohio. Vending machines. 208,285; Jan. 26; Serial No. 213,226; published Nov. 3, 1925.

Consumers Biscuit Co., New Orleans, La. Cakes. 208,260; Jan. 26; Serial No. 219,879; published Nov. 3, 1925.

Cox Stores Co., Little Rock, Ark. Butter, coffee, vinegar, mustard, etc. 208,300; Jan. 26; Serial No. 184,123; published Nov. 3, 1925.

Curreri, Pietro, New York, N. Y. Olive oil. 208,325; Jan. 26; Serial No. 220,218; published Nov. 10, 1925.

Davis Bros. Cheese Co., Plymouth, Wis. Cheese. 208,261; Jan. 26; Serial No. 219,880; published Nov. 3, 1925.

Delouche, Paul, Paris, France. Remedy for arteriosclerosis. 208,269; Jan. 26; Serial No. 218,741; published Nov. 3, 1925.

Deminico, Mariano, Boston, Mass. Olive oil. 208,298; Jan. 26; Serial No. 196,730; published Oct. 27, 1925.

Dixon, Joseph, Crucible Company, Jersey City, N. J. Pencils. 208,289; Jan. 26; Serial No. 204,820; published Jan. 20, 1925.

Dorman, Benjamin, New York, N. Y. Tunny fish, canned tomatoes, tomato sauce, olive oil, and black pepper. 208,296; Jan. 26; Serial No. 199,830; published Nov. 3, 1925.

Downing Taylor Company, Springfield, Mass. Bluing and ammonia. 208,267; Jan. 26; Serial No. 219,949; published Nov. 3, 1925.

Duluth Show Case Company, Duluth, Minn. Skis. 208,354; Jan. 26.

Dunlop Mills, The. (See Warner Moore & Co.)

Eagle Remedy Company, San Antonio, Tex. Liquid laxative. 208,338; Jan. 26; Serial No. 220,064; published Nov. 3, 1925.

Earl, J. L., Chicago, Ill. Laxative. 208,304; Jan. 26; Serial No. 220,511; published Nov. 3, 1925.

Ebro Sulfur Laboratories Inc., New York, N. Y. Medicinal preparation. 208,351; Jan. 26; Serial No. 220,018; published Nov. 3. 1925.

Empire Milling Company, Minneapolis, Minn. Wheat flour. 208,248; Jan. 26; Serial No. 218,958; published Nov. 3. 1925.

Equitable Investment Company, Incorporated, Washington, D. C. Laxative nervetone compound. 208,318; Jan. 26; Serial No. 220,844; published Nov. 3, 1925.

Extinguishers, Limited, London, England. Fire-extinguishing machines. 208,276; Jan. 26; Serial No. 216,716; published Nov. 3, 1925.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Powder for combating injurious insects. 208,309; Jan. 26; Serial No. 220,603; published Nov. 3, 1925.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Remedies for sleeping sickness. 208,320; Jan. 26; Serial No. 220,890; published Nov. 3, 1925.

Farbenfabriken vorm. Friedr. Bayer & Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Veterinary remedies for sleeping sickness. 208,321; Jan. 26; Serial No. 220,891; published Nov. 3, 1925.

Faultless Rubber Company, The, Ashland, Ohio. Golf balls. 208,371; Jan. 26.

Federal Supply Company, The, Fort Worth, Tex. Fishing tools for oil and other wells. 208,370; Jan. 26.

Fig-A-Lax Corporation, now by change of name Floria Chemical Company, Inc., New York, N. Y. Laxative. 208,284; Jan. 26; Serial No. 213,292; published Nov. 3, 1925.

Firestone-Apsley Rubber Company, Hudson, Mass. Boots and shoes. 208,294; Jan. 26; Serial No. 200,811; published Nov. 3, 1925.

Firstenberg, Naboshek & Kheel, New York, N. Y. Fur collars, cuffs, and borders. 208,277; Jan. 26; Serial No. 216,530; published Nov. 3, 1925.

Fisher Flouring Mills Company, Harbor Island, Seattle, Wash. Wheat flour. 208,254; Jan. 26; Serial No. 219,580; published Nov. 3, 1925.

Fisk Rubber Company, Chicopee Falls, Mass., and Cudahy, Wis. Vehicle tires. 208,287; Jan. 26; Serial No. 210,896; published Nov. 3, 1925.

Fletcher, Frederick W., Enfield, assignor to Fletcher, Fletcher & Co. Ltd., London, England. Wines. 27,899; renewed Dec. 3, 1925.

Floria Chemical Company. (See Fig-A-Lax Corporation.)

France, Walter I., doing business as Healfast Co., Ends, Colo. Salve. 208,358; Jan. 26.

Fuhrer-Ford Milling Co., Mount Vernon, Ind. Wheat flour. 208,288; Jan. 26; Serial No. 210,839; published Nov. 3, 1925.

Gavalla & Zannos, New York, N. Y. Olive oil. 208,262; Jan. 26; Serial No. 219,889; published Nov. 3, 1925.

Gerlinger Drug Products Incorporated, New York, N. Y. Medicinal preparation used in connection with stomach disorders. 208,337; Jan. 26; Serial No. 220,068; published Nov. 3, 1925.

Gilbert, Martin, Reedley, Calif. Fresh grapes, pears, plums, etc 208,292; Jan. 26; Serial No. 208,265; published Oct. 27, 1925.

Gitter's Millinery Stores, Inc., Brooklyn and New York, N. Y. Ladies' hats. 208,249; Jan. 26; Serial No. 219,118; published Nov. 3, 1925.

Glossine Chemical Co. (See Brueck, Joseph.)

Goulard & Olena, Inc., New York, N. Y. Insecticides. 208,331; Jan. 26; Serial No. 219,958; published Nov. 3, 1925.

Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Children's shoes. 208,251; Jan. 26; Serial No. 219,423; published Nov. 3, 1925.

Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Hatchets. 208,374; Jan. 26.

Great Lakes Varnish Works, Inc., Chicago, Ill. Paste paint and paint enamel. 208,397; Jan. 26.

Grissinger, David A., Lemoyne, Pa. Cakes. 208,263; Jan. 26; Serial No. 219,893; published Nov. 3, 1925.

Grumbacher, Max, New York, N. Y. Artists' brushes. 208,363; Jan. 26.

Hadsell, Dorr H., Brockton, Mass. Novelty pressed soap dolls. 208,391; Jan. 26.

Hall, Walter T., & Co., Ottumwa, Iowa. Candy. 208,268; Jan. 26; Serial No. 218,755; published Nov. 10, 1925.

Hallam, Ralph M., doing business as The Chicago Piston Ring Company, Chicago, Ill. Water-circulating pumps for automobiles. 208,344; Jan. 26; Serial No. 218,811; published Nov. 3, 1925.

Haller, Frank B., doing business as Haller's Bird Store, St. Louis, Mo. Tonic food for canaries and other domesticated birds. 208,364; Jan. 26.

Hansen, O. C., Manufacturing Co., The, Milwaukee, Wis. Driving and motoring gloves and gauntlets. 208,355; Jan. 26.

Hauthaway, C. L., & Sons, assignor to C. L. Hauthaway & Sons, Incorporated, Boston, Mass. Leather dressing. 27,164; renewed Oct. 29, 1925.

Healfast Co. (See France, Walter I.)

Hearne, William W., Inc., Philadelphia, Pa. Inhibiting compound for treating metals. 208,322; Jan. 26; Serial No. 220,897; published Nov. 3, 1925.

Holbrook Grocery Company, The, Keene, N. H. Eggs, butter, and cheese. 208,361; Jan. 26.

Holland Shoe Company, Holland, Mich. Leather shoes. 208,375; Jan. 26.

Hussmann, Harry L., Refrigerator Company, St. Louis, Mo. Show-case refrigerators. 208,369; Jan. 26.

Ireland, William, Incorporated, Boston, Mass., assignor, by mesne assignments, to Canadian Club Corporation. Beverages and sirups, extracts, and emulsions for making the same. 208,352; Jan. 26; Serial No. 150,451; published Mar. 3, 1925.

Jackson County Creamery, Medford, Oreg. Beverages sold as soft drinks. 208,327; Jan. 26; Serial No. 218,759; published Nov. 10, 1925.

Jaquet, Daniel, Neuilly-sur-Seine, France. Perfumes. 208,324; Jan. 26; Serial No. 220,957; published Nov. 10, 1925.

Jeffries Automatic Service Company, Los Angeles, Calif. Vending machine. 208,278; Jan. 26; Serial No. 216,397; published Nov. 3, 1925.

Johns, H. W., Manufacturing Co., Jersey City, N. J., and New York, N. Y., assignor to Johns-Manville, Incorporated, New York, N. Y. Non-heat-conducting coverings for steam pipes, boilers, etc. 27,663; renewed Jan. 21, 1926.

Jones Brothers & Co., assignor to Jones Brothers Limited, Manchester, England. Dusters and polishing cloths. 26,895; renewed Aug. 6, 1925.

Kampf Herbal Laboratories. (See Kampfmuller, William E.)

Kampfmuller, William E., doing business as The Kampf Herbal Laboratories, Cincinnati, Ohio. Preparation for kidney and bladder troubles. 208,350; Jan. 26; Serial No. 220,028; published Nov. 3, 1925.

Karlsruher Parfumerie- und Toilettenseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung, Karlsruhe, Germany. Perfume, hair oil, bath salts, etc. 208,311; Jan. 26; Serial No. 220,724; published Nov. 3, 1925.

Karlsruher Parfumerie- und Toilettenseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung, Karlsruhe, Germany. Perfume, hair oil, bath salts, etc. 208,312; Jan. 26; Serial No. 220,727; published Nov. 3, 1925.

Karlsruher Parfumerie- und Toilettenseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung, Karlsruhe, Germany. Perfume, hair oil, bath salts, etc. 208,313; Jan. 26; Serial No. 220,729; published Nov. 3, 1925.

Kelly Axe Manufacturing Company, Alexandria, Ind.; Louisville, Ky.; and New York, N. Y., assignor to Kelly Axe and Tool Company, Charleston, W. Va. Axes. 27,371; renewed Nov. 26, 1925.

Kelly, William, Milling Company, The, Hutchinson, Kans. Wheat flour. 208,274; Jan. 26; Serial No. 217,157; published Nov. 3, 1925.

Kienzle Clock Co. (See Schlenker & Kienzle.)

Kirkpatrick and Brown, Newark, N. J. Garters. 208,258; Jan. 26; Serial No. 219,825; published Nov. 3, 1925.

Klugman's, Julius, Sons Inc., New York, N. Y. Unfinished furs and skins. 208,297; Jan. 26; Serial No. 197,489; published Mar. 31, 1925.

Knobel, John, & Son, Freeport, Ill. Wheat, pancake, etc., flours, corn meal, sirup, and evaporated milk. 208,305; Jan. 26; Serial No. 220,543; published Nov. 10, 1925.

Kurz & Lapidus, Inc., Brooklyn, N. Y. Shoes. 208,357; Jan. 26.

Larson, Oscar A., doing business as Seattle Crisp and Hardtack Co., Seattle, Wash. Swedish rye health bread. 208,377; Jan. 26.

Leftschatz, Samuel, doing business as Real-Value Hosiery Co., Pittsburgh, Pa. Hosiery. 208,372; Jan. 26.

Lehigh Shoe and Rubber Company, Allentown, Pa. Leather and rubber boots and shoes. 208,394; Jan. 26.

Lehn & Fink, Inc., New York, N. Y. Almond meal. 208,353; Jan. 26; Serial No. 210,468; published June 16, 1925.

Lees-Bradner Company, The, Cleveland, Ohio. Machine tools. 208,373; Jan. 26.

Lily of France Corset Co., New York, N. Y. Corsets. 208,343; Jan. 26; Serial No. 218,819; published Nov. 3, 1925.

Lorraine, Rhé D., New York, N. Y. Cold cream, face powder, rouges, and perfumes. 208,299; Jan. 26; Serial No. 195,703; published Nov. 3, 1925.

Maryland-Virginia Milk Products Company, Inc., Charlottesville, Va., and Washington, D. C. Milk, cream, and buttermilk. 208,252; Jan. 26; Serial No. 219,489; published Nov. 3, 1925.

Mason By-Products Co., San Francisco, Calif. Denatured alcohol. 208,255; Jan. 26; Serial No. 219,752; published Nov. 3, 1925.

Merrell, Wm. S., Company, The, Cincinnati, Ohio. Blood coagulant. 208,323; Jan. 26; Serial No. 220,907; published Nov. 3, 1925.

Messerschmidt Furniture Co., The, Columbus, Ohio. Living-room furniture. 208,365; Jan. 26.

Miller, I., & Sons, Inc., Long Island City, N. Y. Ornamental buckles. 208,386; Jan. 26.

Minneapolis Milling Company, Minneapolis, Minn. Semolinas, wheat flours, and wheat offals. 208,271; Jan. 26; Serial No. 217,630; published Nov. 3, 1925.

Morgan Belleek China Company, The, Canton, Ohio. Chinaware. 208,382; Jan. 26.

Mulford, H. K., Company, Philadelphia, Pa. Standardized aqueous preparation of digitalis for hypodermic use. 208,314; Jan. 26; Serial No. 220,788; published Nov. 3, 1925.

Mulford, H. K., Company, Philadelphia, Pa. Standardized fat-free tincture of digitalis. 208,315; Jan. 26; Serial No. 220,789; published Nov. 3, 1925.

National Publishing Company; National Publishing Company, Philadelphia, Pa., successor. Bibles. 27,083; renewed Sept. 24, 1925.

New Orleans Coffee Company, New Orleans, La. Sirups. 208,356; Jan. 26.

New York Twine Mills, Inc., New York, N. Y. Cords and twine. 208,368; Jan. 26.

Nifty Jiffy Corporation, Atlanta, Ga. Counters and show cases for self-service stores. 208,282; Jan. 26; Serial No. 214,738; published Nov. 3, 1925.

Northern Milling Company, Wausau, Wis. Dairy, cattle, stock, etc., feeds. 208,366; Jan. 26.

Ohio Marble Company, Inc., The, Piqua, Ohio. Calcium carbonate. 208,332; Jan. 26; Serial No. 220,079; published Nov. 3, 1925.

Ostrom & Meyer, Drs., Peoria, Ill. Mouth wash. 208,316; Jan. 26; Serial No. 220,795; published Nov. 3, 1925.

Pacific Coast Biscuit Company, Seattle, Wash. Crackers and cakes. 208,326; Jan. 26; Serial No. 218,773; published Nov. 3, 1925.

Paolo Todaro & Co. (See Todaro, Paul.)

Parke, Davis & Company, Detroit, Mich. Laxative. 208,264; Jan. 26; Serial No. 219,907; published Nov. 3, 1925.

Patterson-Sargent Co., The, Cleveland, Ohio. Paints and colors. 27,640; renewed Jan. 14, 1926.

Peck Engraving Company, The, Cleveland, Ohio. Writing paper. 208,379; Jan. 26.

Pendergast Candy Company, Minneapolis, Minn. Candy bars. 208,283; Jan. 26; Serial No. 213,733; published Nov. 10, 1925.

Pennsylvania Lawn Mower Works, Philadelphia, Pa. Lawn mowers. 208,348; Jan. 26; Serial No. 220,080; published Nov. 3, 1925.

Pennsylvania Soap Company, Lancaster, Pa. Soaps. 208,395; Jan. 26.

Peters, Frederick A. B., Sydney, Australia. Pile remedy. 208,306; Jan. 26; Serial No. 220,569; published Nov. 3, 1925.

Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat flour. 208,360; Jan. 26.

Pioneer Products Company, The, Dayton, Ohio. Soap and soap chips. 208,359; Jan. 26.

Plyrubber Heel Company, Boston, Mass. Tread members of rubber and rubber composition for boots and shoes. 208,392; Jan. 26.

Price-Wilhoite Specialty Co., Inc., Washington, D. C. Sandwiches. 208,333–4; Jan. 26; Serial Nos. 220,085–6; published Nov. 3, 1925.

Price-Wilhoite Specialty Co., Inc., Washington, D. C. Sandwiches. 208,346–7; Jan. 26; Serial Nos. 220,083–4; published Nov. 3, 1925.

Pschorr, G., Firm of, Munich, Germany, and New York, N. Y., assignor to Pschorrbrau-Aktiengesellschaft München, Munich, Germany. Lager beer. 26,853; renewed July 23, 1925.

Real Style Shoe Co., Cincinnati, Ohio. Shoes and slippers. 208,273; Jan. 26; Serial No. 218,524; published Nov. 3, 1925.

Real-Value Hosiery Co. (See Leftschatz, Samuel.)

Rindeman-Salinger Co., New York, N. Y. Textile fabrics in the piece. 208,293; Jan. 26; Serial No. 201,512; published Oct. 27, 1925.

Rutherford & Kay, Edinburgh, Scotland, and New York, N. Y.; Rutherford & Kay, Edinburgh, Scotland, and London and Birmingham, England. Whisky. 27,560; renewed Dec. 31, 1925.

Sanburg, Ralph A., doing business as The R. A. Sanburg Organization, Burlington, Iowa. Candy and biscuits. 208,342; Jan. 26; Serial No. 218,873; published Nov. 3, 1925.

Saunier, Marcian E., Bay City, Mich. Wire twisters. 208,383; Jan. 26.

Schieren, Chas. A., Company, New York, N. Y. Belting for power-transmission purposes. 208,381; Jan. 26.

Schlenker & Kienzle, Schwenningen, Germany, assignor to The Kienzle Clock Company, Inc., New York, N. Y. Clocks. 27,110; renewed Oct. 1, 1925.

Scully, D. B., Syrup Co., Chicago, Ill. Fruit preserves. 208,295; Jan. 26; Serial No. 200,123; published Nov. 10, 1925.

Seattle Crisp and Hardtack Co. (See Larson, Oscar A.)

Simon, Sidney M., doing business as Beach-Simon Co., Los Angeles, Calif. Canned fruit, vegetables, fish, and olives, bulk olives, and bottled olives. 208,307; Jan. 26; Serial No. 220,579; published Nov. 10, 1925.

Smucker, J. M., Co., The, Orrville, Ohio. Apple butter, peach butter, raspberry preserves, etc. 208,367; Jan. 26.

Southern Gypsum Company, Incorporated, North Holston, Va. Mineral poultry feed and scratch. 208,301; Jan. 26; Serial No. 220,257; published Nov. 3, 1925.

Southwestern Milling Company, Inc., The, New York, N. Y. Wheat flour. 208,270; Jan. 26; Serial No. 217,532; published Nov. 3, 1925.

Stauffer Chemical Co., San Francisco, Calif. Gas-purifying material. 208,308; Jan. 26; Serial No. 220,580; published Nov. 3, 1925.

Strassel-Gans Paint Co., Louisville, Ky. House paint, flat colors, varnish stain, etc. 208,378; Jan. 26.

Sugar, Molly, doing business as Supero Laboratory Products Company, Ogden, Utah. Lotion pastes and powders and camphorated oil, etc. 208,339; Jan. 26; Serial No. 220,046; published Nov. 3, 1925.

Sugar, Molly, doing business as Supero Laboratory Products Company, Ogden, Utah. Lotions, pastes, and powders, camphorated oil, etc. 208,349; Jan. 26; Serial No. 220,044; published Nov. 3, 1925.

Sugg, Rush, doing business as Amodine Pharmacal Company, Clinton, Iowa. Mouth wash. 208,256; Jan. 26; Serial No. 219,789; published Nov. 3, 1925.

Supero Laboratory Products Company. (See Sugar, Molly.)

Takamine Laboratory, Inc., Clifton, N. J. Clarifier of pectin and fruit juices. 208,341; Jan. 26; Ser. No. 218,882; published Oct. 27, 1925.

Tater-Flakes Company, The, Chicago, Ill. Cooking oil. 208,330; Jan. 26; Serial No. 219,999; published Nov. 3, 1925.

Tiffany, L. W., Winsted, Conn. Common or bank pins. 208,265; Jan. 26; Serial No. 219,920; published Oct. 27, 1925.

Tim Gee, m. b. H., Vienna, Austria, assignor to A. Burdwise, Baltimore, Md. Violins, cellos, violas, etc. 208,286; Jan. 26; Serial No. 213,207; published Sept. 15, 1925.

Todaro, Paul, doing business as Paolo Todaro & Co., New York, N. Y. Olive oil. 208,336; Jan. 26; Serial No. 220,154; published Nov. 3, 1925.

Trimont Manufacturing Company Incorporated, Boston, Mass. Pipe wrenches, monkey and chain wrenches, pipe cutters and pipe vises. 208,253; Jan. 26; Serial No. 219,504; published Nov. 10, 1925.

United States Fastener Company, Boston, Mass. Snap fasteners. 208,345; Jan. 26; Serial No. 220,207; published Nov. 10, 1925.

Urban, George, Milling Company, Buffalo, N. Y. Farina. 208,335; Jan. 26; Serial No. 220,158; published Nov. 3, 1925.

Van Landingham Co., The, Los Angeles, Calif. Canned fish. 208,380; Jan. 26.

Victor Talking Machine Company, Camden, N. J. Records for talking machines. 50,081; renewed Mar. 6, 1926.

Victor Talking Machine Company, Camden, N. J. Talking machines and parts thereof. 50,082; renewed Mar. 6, 1926.

Vienna Chemical Co. (See Williams, Marvin G.)

Vivi, Inc., New York, N. Y. Face and talcum powders, toilet waters, nail polishes, etc. 208,310; Jan. 26; Serial No. 220,690; published Nov. 3, 1925.

Wald Manufacturing Company, Maysville, Ky. Bicycle, automobile, and motor-cycle accessories. 208,390; Jan. 26.

Warner Moore & Co., doing business as The Dunlop Mills, Richmond, Va. Flour. 208,302; Jan. 26; Serial No. 220,266; published Nov. 3, 1925.

Warner-Patterson Company, Chicago, Ill. Lubricants. 208,393; Jan. 26.

Waterloo Milling Company. (See Ziebold, George W.)

West Indies Fruit Importing Company, Chicago, Ill. Fresh pineapples. 208,275; Jan. 26; Serial No. 216,242; published Nov. 10, 1925.

West Side Wholesale Grocery Co., Chicago, Ill. Canned vegetables, fruits, and fish, pickles, etc. 208,291; Jan. 26; Serial No. 203,770; published Nov. 3, 1925.

Williams, Marvin G., doing business as Vienna Chemical Co., San Francisco, Calif. Suppositories. 208,389; Jan. 26.

Willimantic Linen Company, The, Willimantic and Hartford, Conn., assignor to The American Thread Company, New York, N. Y. Spool cotton. 27,198; renewed Nov. 12, 1925.

Woldan, Paul, doing business as Ciolen Laboratories, Elmhurst, N. Y. Ointment for healing burns, scalds, and sunburn. 208,317; Jan. 26; Serial No. 220,816; published Nov. 3, 1925.

Wolverine Brass Works, Grand Rapids, Mich. Ground-joint trap connection. 208,376; Jan. 26.

Ziebold, George W., doing business as Waterloo Milling Company, Waterloo, Ill. Wheat flour. 208,329; Jan. 26; Serial No. 220,005; published Nov. 3, 1925.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Beaty, C. A., St. Louis, Mo. The Junior Polychrome Outfit. For Complete Outfits for Doing Polychrome Work. 29,836; Jan. 26.

Bensey, Wm., Denver, Colo. Skipper. For Tobacco. 29,837; Jan. 26.

Boyle, Frank A., Poughkeepsie, N. Y. S O S. For Radio Accessories. 29,838; Jan. 26.

Busy Bee Candy Co., St. Louis, Mo. Malofruits. For Malofruits, a Confection. 29,839; Jan. 26.

Carr, Martin, Spokane, Wash. Carr's Diabetic Treatment. For Carr's Diabetic Medicine. 29,840; Jan. 26.

Clark Knitting Co., Inc., Utica, N. Y. Clark's Velvetan. For Ladies' Knitted Sport Coats and Suits. 29,841; Jan. 26.

Earl Fruit Company, Spokane, Wash. Blue Flag. For Fresh Apples. 29,842; Jan. 26.

Earl Fruit Company, Spokane, Wash. Red Flag. For Fresh Apples. 29,843; Jan. 26.

Frisch, Emile, Chicago, Ill. Frisch Process. For Bread. 29,844; Jan. 26.

International Salt Company, Inc., New York, N. Y., and Scranton, Pa. Kosher Salt. For Salt. 29,845; Jan. 26.

Knudson, Lillian C., doing business as H. Knudson & Son, Chicago, Ill. Affinity. For Cigars. 29,846; Jan. 26.

McCalvey, W. E., Company, Springfield, Ohio. Floraoln. For Box Containing Perfume. 29,847; Jan. 26.

Mapes, Oscar W., doing business as Maple Dale Farm, Middletown, Ohio. Day old Quality. For Eggs. 29,848; Jan. 26.

Maple Dale Farm. (See Mapes, Oscar W.)

Menasha Printing and Carton Company, Menasha, Wis., assignor to H. Miller Dairy Company, Cincinnati, Ohio. Miller's High Grade Butter. For Butter. 29,849; Jan. 26.

Mewhinney, A. B., Co. Inc., Terre Haute, Ind. Snuggle. For Candy. 29,850; Jan. 26.

Miller, H., Dairy Company. (See Menasha Printing and Carton Company, assignor.)

Peterson, Gladys L., doing business as G. L. Thurston Cosmetic Laboratories, Los Angeles, Calif. Peach Bloom Rouge. For a Face and Lip Rouge. 29,851; Jan. 26.

Placerville Fruit Growers Association, Placerville, Calif. Placerville Maid. For Fresh Pears. 29,852; Jan. 26.

Thurston, G. L., Cosmetic Laboratories. (See Peterson, Gladys L.)

Tribond Sales Corporation, New York, N. Y. Tribond Quality Hose. For Hosiery. 29,853; Jan. 26.

Weinhagen, Chas., & Co., St. Paul, Minn. Mellow Tone. For Candy. 29,854; Jan. 26.

White & Wyckoff Mfg. Co., Holyoke, Mass. Hammermill Linen. For Stationery. 29,855; Jan. 26.

Wildhack, Flora, La Crescenta, Calif. Palm Springs Marmalade. For Orange Marmalade. 29,856; Jan. 26.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Eaton, Crane & Pike Co., Pittsfield, Mass. Unerring Knowledge of Wheat is Correct. For Eaton's Social Stationery. 8,524; Jan. 26.

Eskimo Pie Corporation, Louisville, Ky. Of course . . . You'll Like Ice Cream Now! For Frozen Confections. 8,525; Jan. 26.

Eskimo Pie Corporation, Louisville, Ky. We Want Eskimo Pie. For Frozen Confections. 8,526; Jan. 26.

Eskimo Pie Corporation, Louisville, Ky. Erase all your old ideas of eating Ice Cream! For Frozen Confections. 8,527; Jan. 26.

Little, James B., New York, N. Y. Camel. For Cigarettes. 8,528; Jan. 26.

Rochester Packing Co., Inc., Rochester, N. Y. A Tempting Treat. For Frankfurters. 8,529; Jan. 26.

Rochester Packing Co., Inc., Rochester, N. Y. When Unexpected Guests Arrive. For Pressed Ham. 8,530; Jan. 26.
Rochester Packing Co., Inc., Rochester, N. Y. Blue Ribbon. For Ham. 8,531; Jan. 26.
Rochester Packing Co., Inc., Rochester, N. Y. Blue Ribbon. For Bacon. 8,532; Jan. 26.
Rochester Packing Co., Inc., Rochester, N. Y. Blue Ribbon. For Daisies. 8,533; Jan. 26.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Abonita Company, Inc., Chicago, Ill. Toilet powders. 223,953; Jan. 26.
Alexander Milling Company, The, Winfield, Kans. Wheat flour. 221,470; Jan. 26.
Allen, Jane, Grasmere, Staten Island, assignor to F. T. Martin, J. C. Davis, and M. D. Davis, New York, N. Y. Marmalades and jam containing nuts. 220,281; Jan. 26.
Almetal Manufacturing Company, The, Maplewood, Mo. Ironing machines. 223,615; Jan. 26.
Aloe, A. S., Co., St. Louis, Mo. Cement mixers. 223,353; Jan. 26.
Aloe, A. S., Co., St. Louis, Mo. Saws. 223,354; Jan. 26.
American Bosch Magneto Corporation, Springfield, Mass. Ignition and starting apparatus, electric-lighting systems, radio apparatus, etc. 220,167; Jan. 26.
American Steel and Wire Company of New Jersey, The, Cleveland, Ohio; Chicago, Ill.; Pittsburgh, Pa.; New York, N. Y.; and Worcester, Mass. Wire fencing, and particularly woven-wire fencing. 224,372; Jan. 26.
American Stores Company, Philadelphia, Pa. Ginger ale, sarsaparilla, root beer, and grape juice. 220,830; Jan. 26.
American Transformer Company, Newark, N. J. Choke coil or impedance in filter circuits or electrical apparatus. 220,934; Jan. 26.
Anderson, George G., New York, N. Y. Tonic for dogs. 223,760; Jan. 26.
Ansco Photoproducts, Inc., Binghamton, N. Y. Combination camera and film kits. 224,795; Jan. 26.
Antrol Laboratories, Inc., The, Los Angeles, Calif. Snail-control meal. 223,985; Jan. 26.
Ashaway Line & Twine Manufacturing Company, Ashaway, R. I. Fishing line. 223,990; Jan. 26.
Atlantic Remedies Company, Inc., New York, N. Y. Magnesia tablets. 223,273; Jan. 26.
Autrola Company, The, Tucson, Ariz., and Los Angeles, Calif. Talking machines, automatic multiple-record phonographs. 186,737; Jan. 26.
Avri Drug & Chemical Company, Jersey City, N. J. Medicinal compound for the treatment of constipation. 223,617; Jan. 26.
Babson Brothers, Chicago, Ill. Pipeless furnaces. 223,885; Jan. 26.
Bakelite Corporation, New York, N. Y. Frames and ornaments for pocketbooks and hand bags and harness buckles and trimmings. 222,153; Jan. 26.
Bakelite Corporation, New York, N. Y. Brushes and brush backs and handles. 222,433; Jan. 26.
Bates, Josephine A., Springfield, Mass. Furnishings—namely, ornamental novelties. 216,314; Jan. 26.
Bausch and Lomb Optical Company, Rochester, N. Y. Ophthalmic mountings and parts thereof. 224,373; Jan. 26.
Bernhardt, Max E., New York, N. Y. Cigar lighters. 222,594; Jan. 26.
Best, Grant, Detroit, Mich. Laxative chewing gum. 223,995; Jan. 26.
Birk, Matthew R., New York, N. Y. Artificial candles and lighting fixtures other than electrical. 218,040; Jan. 26.
Bond Pickle Company, Oconto, Wis. Pickles and pickle relish. 202,975; Jan. 26.
Boston Woven Hose & Rubber Company, Cambridge, Mass. Rubber mats and rubber matting. 223,894; Jan. 26.
Breivogel, Philipp J., New York, N. Y. Transparent liquid cement. 223,459; Jan. 26.
Britton, H. V., New York, N. Y. Hair shampoo. 223,956; Jan. 26.
Bürki & Cie., Berne, Switzerland. Cheese. 219,225; Jan. 26.
Burnham-Munger-Root Dry Goods Company, Kansas City, Mo. Athletic underwear, undershirts, shirts, etc. 216,319; Jan. 26.
Cable Company, The, Chicago, Ill. Pianos. 223,898; Jan. 26.
California Peanut Co. (See Damianakes, Nicholas P.)
Center, George H., Du Quoin, Ill. Preparation for coughs, colds, and bronchitis. 222,063; Jan. 26.
Central Provision Company, Wilkes-Barre, Pa. Butter, eggs, and cheese. 222,220; Jan. 26.
Charters Manufacturing Co., Santa Cruz, Calif. Incubators and brooders. 220,701; Jan. 26.
Chemical Treatment Company, Inc., New York, N. Y. Electric wire, electric contact pieces, core and armature parts, etc. 219,805; Jan. 26.
Complete Music Stores, Niles, Mich., and Chicago, Ill. Musical instruments and supplies. 181,587; Jan. 26.
Consolidated Battery Company, Buffalo, N. Y., and Philadelphia, Pa. Electric batteries. 222,665; Jan. 26.
Crouch, Lee D., Oneonta, N. Y. Radio receiving sets. 220,274; Jan. 26.
Crystal Water Co. (See Land, Herbert R.)
Damianakes, Nicholas P., doing business as California Peanut Co., Oakland, Calif. Sugared and salted almonds. 217,985; Jan. 26.
Davis, Charles V., doing business as Santa Ana Soda & Bottling Co., Santa Ana, Calif. Chocolate malted milk drink. 222,223; Jan. 26.
Davis, John G., et al. (See Allen, Jane, assignor.)
Davis, Mary D., et al. (See Allen, Jane, assignor.)
Dietzen, Jesse A., Frankton, Ind. Bread. 223,506; Jan. 26.
Dirigold Corporation, The, Minneapolis, Minn. Spoons, knives, forks, sugar tongs, etc. 192,965; Jan. 26.
Duckwall Bros., Hood River, Oreg. Fresh apples and pears. 223,164; Jan. 26.
Duplantis, Arthur L., Chicago, Ill. High-blood-pressure tablets, indigestion tablets, and a saline laxative compound. 222,445; Jan. 26.
Earl Fruit Company, Spokane, Wash. Fresh apples. 223,624; Jan. 26.
Edwards, E. H., Company, San Francisco, Calif. Wire rope. 217,075; Jan. 26.
Emerson, Isaac E., Baltimore, Md. Laxative and cathartic. 223,776; Jan. 26.
Engineering Products Corporation, Inc., The, New York, N. Y. Insulating materials, composite materials, and compounds for electrical insulation. 220,837; Jan. 26.
Enterprise Manufacturing Company, The, Akron, Ohio. Pork-rind spinners. 223,958; Jan. 26.
Extinguishers, Ltd., Whitehall, London, England. Fire-extinguishing compounds. 223,629; Jan. 26.
Ez-Ol Chemical Co. (See Woodward, Albert F.)
Falls City Dental Specialty Co., Inc., Louisville, Ky. Dental investment, dental stone, and dental plaster. 223,026; Jan. 26.
Famous Players-Lasky Corporation, New York, N. Y. Moving pictures. 222,448; Jan. 26.
Fingerhut, Rosa M., doing business as The H. A. Ink Eradicator Co., New York, N. Y. Ink eradicators. 223,841; Jan. 26.
Fishback Company, The, Indianapolis, Ind. Coffee, tea, mayonnaise, olives, etc. 221,102; Jan. 26.
Fletcher Works Incorporated, Philadelphia, Pa. Ice picks. 223,291; Jan. 26.
Forest Electric Co., Inc., Newark, N. J. Battery chargers, rectifiers, and filtering devices. 221,548; Jan. 26.
Fox, H., & Co., Brooklyn, N. Y. Beverages and sirups. 223,470–1; Jan. 26.
Franklin Sweater Mills, Philadelphia, Pa. Bathing suits, trunks, shirts, etc. 218,848; Jan. 26.
Franklin Sweater Mills, Philadelphia, Pa. Bathing suits, trunks, and shirts and sweater coats and vests. 219,388; Jan. 26.
Fremont Kraut Company, The, Fremont, Ohio. Sauerkraut. 221,175; Jan. 26.
Fresno Poultrymens Cooperative Association, Fresno, Calif. Eggs. 221,251; Jan. 26.
General Trading Corporation, San Francisco, Calif. Talc, a dry paint. 222,981; Jan. 26.
Gloray Company, The, New York, N. Y. Nail polish. 224,014; Jan. 26.
Goertz, August & Co., Inc., Newark, N. J. Vernier controls for radio instruments, etc. 215,566; Jan. 26.
Gold, Harry, Baltimore, Md. Bread, biscuits, and cakes. 224,015; Jan. 26.
Golden Nugget Sweets, San Francisco, Calif. Candy. 223,384; Jan. 26.
Goldman, Nathan, doing business as Tectron Radio Co., New York, N. Y. Vacuum tubes for radio receiving apparatus. 220,021; Jan. 26.
Goodrich, B. F., Company, The, New York, N. Y. Dredging sleeves. 223,227; Jan. 26.
Goodrich, B. F., Company, The, New York, N. Y. Sheet-rubber coverings. 224,017; Jan. 26.
Great Lakes Varnish Works, Inc., Chicago, Ill. Paint enamel. 219,963; Jan. 26.
Great Lakes Varnish Works, Inc., Chicago, Ill. Paint enamels. 223,707; Jan. 26.
Green, Edward E., doing business as Star Aluminum and Brass Foundry, San Francisco, Calif. Toy automobiles. 223,710; Jan. 26.
Grumbacher, Max, New York, N. Y. Artists' brushes. 189,108; Jan. 26.
H. A. Ink Eradicator Co., The. (See Fingerhut, Rosa M.)

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Hanly Products Co. Inc., Chicago, Ill. Tablets for aid in reducing. 224,021; Jan. 26.
Hawaiian Pineapple Products Co., Ltd., San Francisco, Calif., and Iwilei, Hawaii. Canned pineapple jam, marmalade, and jelly. 218,553; Jan. 26.
Heco Envelope Company, Chicago, Ill. Stocking protectors. 223,716; Jan. 26.
Heppenstall Forge and Knife Company, Pittsburgh, Pa. Shear knives. 223,296; Jan. 26.
Hermetite Corporation, New York, N. Y. Cotton and silk fabrics for use in raincoats, waterproof hats, etc. 222,238; Jan. 26.
Hermetite Corporation, New York, N. Y. Films consisting of a moisture and air proof composition. 222,241; Jan. 26.
Herrick, Josephine P., Cleveland, Ohio. Cooking tongs. 219,482; Jan. 26.
Hewitt, Charles, & Sons, Co., Des Moines, Iowa. Canned vegetables and fruits, fruit jams, etc. 220,532; Jan. 26.
Hewitt, Charles, & Sons Company, Des Moines, Iowa. Canned vegetables and fruits, fruit jams, etc. 221,257; Jan. 26.
Hirsch, Walter J., Co., doing business as Oniiway Corporation, Chicago, Ill. Peanut butter. 219,431; Jan. 26.
Hood Rubber Company, Watertown, Mass. Battery boxes of plastic material and hard rubber. 216,341; Jan. 26.
Horsman, E. I., Co. Inc., New York, N. Y. Dolls. 223,918; Jan. 26.
Hyman & Goldston, Inc., New York, N. Y. Dresses and coats. 218,125; Jan. 26.
Ickelsheimer, Bruno, New York, N. Y. Electromedical appliances. 224,139; Jan. 26.
Illinois Watch Case Company, Elgin, Ill. Watch movements and watchcases. 223,718–21; Jan. 26.
Illinois Watch Case Company, Elgin, Ill. Watch movements and watchcases. 223,723; Jan. 26.
Illinois Watch Case Company, Elgin, Ill. Watch movements and watchcases. 223,725–6; Jan. 26.
Independent Fruit Shippers, Wenatchee, Wash. Fresh apples. 223,728; Jan. 26.
International Telephone & Telegraph Corporation, New York, N. Y. Periodical published quarterly. 223,788; Jan. 26.
Israel, Leon, & Bros. Inc., New York, N. Y. Green coffee. 224,709; Jan. 26.
Jackson Brewing Company, New Orleans, La. Beverage sold as a soft drink and sirups for making the same. 223,387; Jan. 26.
Jackson, Lars, doing business as The Lars Jackson Co., Brooklyn, N. Y. Ready-mixed paint. 224,095; Jan. 26.
Johnson & Johnson, New Brunswick, N. J. Surgical dressings. 224,096; Jan. 26.
Jones, Paul S. Co. (See Mawhinney Last Company.)
Kellogg, P. P., & Co. (See United States Envelope Company.)
Kolynos Co., The, New Haven, Conn. Bath salts, face powder, shampoo solution, etc. 224,027; Jan. 26.
Kraus Kastone Products Corporation, New York, N. Y. Ornamental architectural figures and ornaments made of stone, etc. 222,749; Jan. 26.
Kreuter-Fansen Co., Grand Rapids, Mich. Varnish and paint enamel products. 220,730; Jan. 26.
Lady Betty Mayonnaise Products. (See Potts, Sanders, Mrs.)
Lago, James V., doing business as Vilar Bros., New York, N. Y. Skin tonic. 223,729; Jan. 26.
Lakeside Biscuit Co., The, Toledo, Ohio. Crackers, cakes, biscuits, and sugar wafers. 210,848; Jan. 26.
Lamont, Corliss & Company, New York, N. Y. Chocolate contings. 218,128; Jan. 26.
Lamothe, Cecile A., doing business as Parfumerie "Tina", Chicago, Ill. Perfumes, brilliantine, face massage creams, etc. 221,971; Jan. 26.
Land, Herbert R., doing business as Crystal Water Co., Los Angeles, Calif. Beverages sold as soft drinks. 223,176; Jan. 26.
Lazarus Brothers. (See Wilkes-Barre Dry Goods Company.)
Los Angeles Beverage Soda and Seltzer Works. (See Tolchin, George.)
Louisville Refrigerator Corporation, Louisville, Ky. Refrigerators. 224,144; Jan. 26.
Lyons, S. E., Lumber Company, Shreveport, La. Lumber. 206,246; Jan. 26.
M & A Produce Co., Los Angeles, Calif. Potatoes. 222,266; Jan. 26.
Macy, R. H., & Co., Inc., New York, N. Y. Lemon soda, soda water, ginger ale, etc. 210,491; Jan. 26.
Macy, R. H., & Co., Inc., New York, N. Y. Perfume extracts, toilet water, etc. 210,493; Jan. 26.
Mainzer, Adolf J., Inc., Long Island City, N. Y. Cracker meal. 223,793; Jan. 26.
Maison Cyber. (See Toboul, R.)
Manitowoc Products Company, Manitowoc, Wis. Cheese and koch klse (cooked cheese). 206,177; Jan. 26.
Marietta Paint & Color Company, The, Marietta, Ohio. Enamels. 224,196; Jan. 26.
Martin, Ferrier T., et al. (See Allen, Jane, assignor.)
Martini, Emilio, Chicago, Ill. Olive oil. 222,624; Jan. 26.
Mawhinney Last Company, doing business as Paul S. Jones Co., Brockton, Mass. Toy mechanical dogs. 223,399; Jan. 26.
McLeod, John F., doing business as Old Walnut Tube Patch Co., Hendersonville, N. C. Inner-tube patching. 221,559; Jan. 26.
Meier & Frank Company, Portland, Oreg. Cheese. 223,732; Jan. 26.
Miller, George C., & Co., Inc., Boston, Mass. Candy. 222,860; Jan. 26.
Milne-O'Berry Packing Co., St. Petersburg, Fla. Fresh oranges and grapefruit. 223,795; Jan. 26.
Monroe Drug Company, Quincy, Ill. Dyes. 223,929–30; Jan. 26.
Moore, Edward T., Syracuse, N. Y. Electric control of the power demand and peak loads in electric power circuits. 222,753; Jan. 26.
Moseley Manufacturing Company, Louisville, Ky. Mineral feeds. 212,280; Jan. 26.
Muskin Shoe Company, Baltimore, Md. Boots and shoes. 223,538; Jan. 26.
Mutual Creamery Company, Los Angeles, Calif. Eggs. 224,035; Jan. 26.
Mutual System Company, The, Bridgeport, Conn. Saving certificates. 216,687; Jan. 26.
Nathan, M., and Brother, Incorporated, Johnstown, Pa. Hosiery and underwear. 221,194; Jan. 26.
New England Trunk Co., Everett, Mass. Suitcases. 223,444; Jan. 26.
Old Walnut Tube Patch Co. (See McLeod, John F.)
Oniiway Corporation. (See Hirsch, Walter J., Co.)
Opitz, John, Inc., New York, N. Y. Preparation for killing roaches, rats, etc. 223,973; Jan. 26.
Pacific Coast Biscuit Company, Seattle, Wash. Crackers. 216,794; Jan. 26.
Pacific Foundry Company, San Francisco, Calif. Metal castings. 224,347; Jan. 26.
Parfumerie "Tina." (See Lamothe, Cecile A.)
Pasco Grain & Milling Co., Pasco, Wash. Cake flour. 216,285; Jan. 26.
Paxton & Gallagher Co., Omaha, Nebr. Canned peas and peaches, spices, peanut butter, rice, etc. 222,631; Jan. 26.
Payne, N. L. (See Potts Sanders, Mrs.)
Peerless Products Co., Los Angeles, Calif. Wax and liquid polish. 223,403; Jan. 26.
Penn Process Company, Inc., Elkins Park, Pa. Chemicals for photographic purposes. 223,322; Jan. 26.
Perryman Electric Company, Inc., New York, N. Y. Vacuum tubes. 222,762; Jan. 26.
Porter-Langtry Company, Chicago, Ill. Title for a magazine news section. 224,046; Jan. 26.
Potts Sanders, Mrs., doing business as N. L. Payne and Lady Betty Mayonnaise Products, Texarkana, Tex. Mayonnaise and Thousand Island Dressing. 216,120; Jan. 26.
Pro-phy-lac-tic Brush Company, Northampton, Mass. Brushes. 223,656; Jan. 26.
Purexo Products Co., San Francisco, Calif. Medicinal tonic. 223,866; Jan. 26.
Rao-Ad Company, Alhambra, Calif. Electrically-operated advertising devices. 222,399; Jan. 26.
Rea-Patterson Milling Co., The, Coffeyville, Kans. Wheat bran, wheat screenings, wheat mixed feed, etc. 222,880; Jan. 26.
Roll-A-Way Bed Corporation, Chicago, Ill. Household couches, beds, mattresses, and bed springs. 207,262; Jan. 26.
Romano, Charles G., doing business as Charles G. Romano & Co., New York, N. Y. Fruit jams. 223,805; Jan. 26.
Romola Parfumerie, Inc., Chicago, Ill. Toilet water, perfume, sachet, face creams, and toilet powder. 224,265; Jan. 26.
Rosasno, G., & Bro. New York, N. Y. Macaroni and canned tomatoes. 222,192; Jan. 26.
Russell-Miller Milling Co., Minneapolis, Minn. Wheat flour. 212,642–3; Jan. 26.
Santa Ana Soda & Bottling Co. (See Davis, Charles V.)
Scaife, Wm. B. & Sons Company, Pittsburgh, Pa. Machinery for purifying and softening water. 221,384; Jan. 26.
Schicht, Georg A. G., Aussig-on-the-Elbe, Czechoslovakia. Toilet preparations. 214,621; Jan. 26.
Schicht, Georg A. G., Aussig-on-the-Elbe, Czechoslovakia. Lubricating and rust-protecting oils and greases, etc. 214,623; Jan. 26.
Schreiber Products Corporation, Buffalo, N. Y. Dried malt extract for food purposes. 223,196; Jan. 26.
Serralles, Sucesion J., Ponce, P. R. Granulated sugar. 222,640; Jan. 26.
Shurwyn Tire & Rubber Co., St. Louis, Mo. Rubber automobile tires, rubber inner tubes, and rubber patch material. 205,099; Jan. 26.
Smith, Kline & French Company, Philadelphia, Pa. Remedy for the treatment and removal of corns and bunions. 218,579; Jan. 26.
Squire Dingee Company, Chicago, Ill. Jellies, jams, fruit butters, pickles, etc. 205,792; Jan. 26.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Squire Dingee Company, Chicago, Ill. Pickles, jellies, jams, fruit and berry preserves, etc. 221,857; Jan. 26.
Standard Oil Company (New Jersey), Bayonne, N. J. Battery-sealing compounds. 223,975; Jan. 26.
Star Aluminum and Brass Foundry. (See Green, Edward E.)
Stein-Bloch Co., The, Rochester, N. Y. Men's overcoats and sack coats. 205,566; Jan. 26.
Stone Straw Company, The, Washington, D. C. Paper straws. 152,937; Jan. 26.
Storms, H. M., Company, New York and Brooklyn, N. Y. Carbon paper. 216,297; Jan. 26.
Straight Root Co. (See Temkin, Harry.)
Super-Foot-Form Cushion Shoe Company. (See Winter, George J.)
Talbot Manufacturing Co., Los Angeles, Calif. Insecticides. 222,888; Jan. 26.
Taylor, Olin R., doing business as Taylor Products Co., Phoenix, Ariz. Mayonnaise. 220,746; Jan. 26.
Tectron Radio Co. (See Goldman, Nathan.)
Temkin, Harry, doing business as Straight Root Co., New York, N. Y. Hairdressings. 223,813; Jan. 26.
Tennessee Coal, Iron & Railroad Company, Birmingham, Ala. Steel and iron sheets. 220,156; Jan. 26.
Toboul, R., doing business as Maison Cyber, Paris, France. Perfumes, toilet water, face and talcum powders, etc. 223,668; Jan. 26.
Toboul, R., doing business as Maison Cyber, Paris, France. Perfumes, toilet water, face powder, sachet powder, etc. 223,669; Jan. 26.
Tolchin, George, doing business as Los Angeles Beverage Soda and Seltzer Works, Los Angeles, Calif. Maltless beverage, sirups and extracts for making same. 222,890; Jan. 26.
Toledo Timer Co., The, Toledo, Ohio. Spark timers for internal-combustion engines. 222,353; Jan. 26.
United States Envelope Company, doing business as P. P. Kellogg & Co., Springfield, Mass. Writing and printing papers, cards, and envelopes. 210,329–31; Jan. 26.
United States Products Corporation, San Jose, Calif. Canned fruits and vegetables. 224,682–3; Jan. 26.
Universal Willow and Reed Ware Company Incorporated, Long Island City, N. Y. Willow, reed, rattan, raffia, and spool-fiber settees, couches, benches, etc. 209,149; Jan. 26.
Valley Electric Company, Wilmington, Del., and St. Louis, Mo. Electric motors and electric relays. 222,644; Jan. 26.
Van Antwerp's Drug Corporation, Inc., Mobile, Ala. Candy. 214,983; Jan. 26.
Van Blarcom, Hermon L., Portland, Me. Salad dressings. 224,939; Jan. 26.
Van Nette Lawn Mower Company, Tiffin, Ohio. Lawn mowers. 222,719; Jan. 26.
Vle-Benz Laboratory, Washington, D. C. Preparation for the relief of painful menstruation. 223,756; Jan. 26.
Viking Press, Inc., The, New York, N. Y. Completely-printed books. 220,330; Jan. 26.
Vilar Bros. (See Lago, James V.)
Wallace & Tierman Co., Inc., Newark, N. J. Ammonium salt for use in the aging of flour. 224,309; Jan. 26.
Wilkes-Barre Dry Goods Company, doing business as Lazarus Brothers, Wilkes-Barre, Pa. Women's dresses, coats, suits, sweaters, etc. 223,672; Jan. 26.
Williams, Caroline L., Wildwood, N. J. Fruit cake. 224,125; Jan. 26.
Winter, George J., doing business as Super-Foot-Form Cushion Shoe Company, Buffalo, N. Y. Cushion shoes. 219,052; Jan. 26.
Witt, Abraham, Hoboken, N. J. Malted milk. 222,650; Jan. 26.
Woodward, Albert F., doing business as Ez-Ol Chemical Co., Highland Park, Detroit, Mich. Salve. 223,951; Jan. 26.
Woodward & Lothrop, Washington, D. C. Women's, girls', and misses' undergarments and clothing. 222,974; Jan. 26.
Woodward & Lothrop, Washington, D. C. Women's umbrellas. 223,267; Jan. 26.
Woodward & Lothrop, Washington, D. C. Massage and cold creams, perfumery extracts, sachet and face powders, etc. 223,269; Jan. 26.
Woolson Spice Co., The, Toledo, Ohio. Coffee. 204,578; Jan. 26.
Wortham, Roy L., Hammond, Ind. Insecticide. 201,067; Jan. 26.
Youngstown Sheet and Tube Company, The, Youngstown, Ohio. Steel sheets. 224,687–8; Jan. 26.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Furs and skins, Unfinished. Julius Klugman's Sons Inc. 208,297; Jan. 26; Serial No. 197,489; published Mar. 31, 1925.

CLASS 4.

Dusters and polishing cloths. Jones Brothers & Co. 26,895; renewed Aug. 6, 1925.
Leather dressing. C. L. Hauthaway & Sons, Incorporated. 27,164; renewed Oct. 29, 1925.
Soap and soap chips. Pioneer Products Company. 208,359; Jan. 26.
Soap dolls. D. H. Hadsell. 208,391; Jan. 26.
Soaps. Pennsylvania Soap Company. 208,395; Jan. 26.

CLASS 6.

Alcohol, Denatured. Mason By-Products Co. 208,255; Jan. 26; Serial No. 219,752; published Nov. 3, 1925.
Almond meal. Lehn & Fink, Inc. 208,353; Jan. 26; Serial No. 210,468; published June 16, 1925.
Blood coagulant. Wm. S. Merrell Company. 208,323; Jan. 26; Serial No. 220,907; published Nov. 3, 1925.
Bluing and ammonia. Downing Taylor Company. 208,267; Jan. 26; Serial No. 219,949; published Nov. 3, 1925.
Calcium carbonate. Ohio Marble Company. 208,332; Jan. 26; Serial No. 220,079; published Nov. 3, 1925.
Composition for facilitating the extraction of hairs from the face and hands. J. Brueck. 208,319; Jan. 26; Serial No. 220,885; published Nov. 3, 1925.
Compounds for treating metals, Inhibiting. William W. Hearne, Inc. 208,322; Jan. 26; Serial No. 220,897; published Nov. 3, 1925.
Cream, face powder, rouges, and perfumes, Cold. R. D. Lorraine. 208,299; Jan. 26; Serial No. 195,703; published Nov. 3, 1925.
Gas-purifying material. Stauffer Chemical Co. 208,308; Jan. 26; Serial No. 220,580; published Nov. 3, 1925.
Insecticide. D. V. Burrell. 208,266; Jan. 26; Serial No. 219,935; published Nov. 3, 1925.
Insecticides. Goulard & Olena, Inc. 208,331; Jan. 26; Serial No. 219,958; published Nov. 3, 1925.
Laxative. J. L. Earl. 208,304; Jan. 26; Serial No. 220,511; published Nov. 3, 1925.
Laxative. Fig-A-Lax Corporation. 208,284; Jan. 26; Serial No. 213,292; published Nov. 3, 1925.
Laxative. Parke, Davis & Company. 208,264; Jan. 26; Serial No. 219,907; published Nov. 3, 1925.
Laxative, Liquid. Eagle Remedy Company. 208,338; Jan. 26; Serial No. 220,064; published Nov. 3, 1925.
Laxative nervetone compound. Equitable Investment Company. 208,318; Jan. 26; Serial No. 220,844; published Nov. 3, 1925.
Lotion pastes and powders for the skin, teeth, and hair, perfumeries, etc. M. Sugar. 208,339; Jan. 26; Serial No. 220,046; published Nov. 3, 1925.
Lotions, pastes, and powders for the skin, teeth, and hair, perfumeries, etc. M. Sugar. 208,349; Jan. 26; Serial No. 220,044; published Nov. 3, 1925.
Medicinal preparation for auto-intoxication and related disorders. Ehro Sulfur Laboratories Inc. 208,351; Jan. 26; Serial No. 220,018; published Nov. 3, 1925.
Medicinal preparation used in connection with stomach disorders. Gerlinger Drug Products Incorporated. 208,337; Jan. 26; Serial No. 220,068; published Nov. 3, 1925.
Mouth wash. Drs. Ostrom & Meyer. 208,316; Jan. 26; Serial No. 220,795; published Nov. 3, 1925.
Mouth wash. R. Sugg. 208,256; Jan. 26; Serial No. 219,789; published Nov. 3, 1925.
Ointment for burns, etc. P. Woldan. 208,317; Jan. 26; Serial No. 220,816; published Nov. 3, 1925.
Perfume, hair oil, face cream, etc. Karlsruher Parfumerie- und Toilettenseifen-Fabrik F. Wolff & Son Gesellschaft mit beschrankter Haftung. 208,313; Jan. 26; Serial No. 220,729; published Nov. 3, 1925.
Perfume, toilet powder, shampoo, etc. Karlsruher Parfumerie- und Toilettenseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung. 208,312; Jan. 26; Serial No. 220,727; published Nov. 3, 1925.
Perfume, toilet water, hair tonic, etc. Karlsruher Parfumerie- und Toilettenseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung. 208,311; Jan. 26; Serial No. 220,724; published Nov. 3, 1925.
Perfumes. D. Jaquet. 208,324; Jan. 26; Serial No. 220,957; published Nov. 10, 1925.
Perfumes, toilet water, face powder, etc. M. Babani. 208,328; Jan. 26; Serial No. 220,015; published Nov. 3, 1925.
Powder for combating injurious insects. Farbenfabriken vorm. Friedr. Bayer & Co. 208,309; Jan. 26; Serial No. 220,603; published Nov. 3, 1925.
Powders and creams, toilet waters, rouges, etc., Face. Vivi, Inc. 208,310; Jan. 26; Serial No. 220,690; published Nov. 3, 1925.

Preparation for kidney and bladder troubles. W. E. Kampfmuller. 208,350; Jan. 26; Serial No. 220,028; published Nov. 3, 1925.
Preparation of digitalis. H. K. Mulford Company. 208,314; Jan. 26; Serial No. 220,788; published Nov. 3, 1925.
Remedies for sleeping sickness. Farbenfabriken vorm. Friedr. Bayer & Co. 208,320; Jan. 26; Serial No. 220,890; published Nov. 3, 1925.
Remedies for sleeping sickness, Veterinary. Farbenfabriken vorm. Friedr. Bayer & Co. 208,321; Jan. 26; Serial No. 220,891; published Nov. 3, 1925.
Remedy for arteriosclerosis. P. Delouche. 208,269; Jan. 26; Serial No. 218,741; published Nov. 3, 1925.
Remedy, Pile. F. A. B. Peters. 208,306; Jan. 26; Serial No. 220,569; published Nov. 3, 1925.
Salve. W. I. France. 208,358; Jan. 26.
Shampoo and scalp treatment. R. T. Cleary. 208,257; Jan. 26; Serial No. 219,814; published Nov. 3, 1925.
Suppositories. M. G. Williams. 208,389; Jan. 26.
Tincture of digitalis. H. K. Mulford Company. 208,315; Jan. 26; Serial No. 220,789; published Nov. 3, 1925.

CLASS 7.

Cords and twine. New York Twine Mills. 208,368; Jan. 26.

CLASS 12.

Brick. Acme Brick Company. 208,387–8; Jan. 26.
Steam pipes, boilers, etc., Nonheat-conducting coverings for. H. W. Johns Manufacturing Co. 27,663; renewed Jan. 21, 1926.

CLASS 13.

Trap connection, Ground-joint. Wolverine Brass Works. 208,376; Jan. 26.

CLASS 15.

Lubricants. Warner-Patterson Company. 208,393; Jan. 26.
Petroleum products. W. H. Barber Company. 208,396; Jan. 26.

CLASS 16.

Cleaner and polisher. Buffalo Specialty Company. 208,384; Jan. 26.
Paint and paint enamel, Paste. Great Lakes Varnish Works, Inc. 208,397; Jan. 26.
Paint, flat colors, varnish stain, etc., House. Strassel-Gans Paint Co. 208,378; Jan. 26.
Paints and colors. Patterson Sargent Co. 27,640; renewed Jan. 14, 1926.

CLASS 19.

Bicycle, automobile, and motor-cycle accessories. Wald Manufacturing Company. 208,390; Jan. 26.

CLASS 22.

Golf balls. Faultless Rubber Company. 208,371; Jan. 26
Skis. Duluth Show Case Company. 208,354; Jan. 26.

CLASS 23.

Axes. Kelly Axe Manufacturing Company. 27,371; renewed Nov. 26, 1925.
Drills, Corn. J. Campbell. 27,302; renewed Nov. 19, 1925.
Fire-extinguishing machines. Extinguishers Limited. 208,276; Jan. 26; Serial No. 216,716; published Nov. 3, 1925.
Fishing tools for oil and other wells. Federal Supply Company. 208,370; Jan. 26.
Gear grinders, millers, and parts thereof. Lees-Bradner Company. 208,373; Jan. 26.
Hatchets. W. T. Grant Company. 208,374; Jan. 26.
Metal-working small tools. Cleveland Twist Drill Company. 208,281; Jan. 26; Serial No. 213,278; published Nov. 3, 1925.
Mowers, Lawn. Pennsylvania Lawn Mower Works. 208,348; Jan. 26; Serial No. 220,080; published Nov. 3, 1925.
Pumps, Water-circulating. R. M. Hallam. 208,344; Jan. 26; Serial No. 218,811; published Nov. 3, 1925.
Tongs, razors, plane iron, grooving iron, etc. E. A. Bergs Fabriks Aktiebolag. 208,260; Jan. 26; Serial No. 203,932; published Nov. 3, 1925.
Vending machines. Columbus Vending Company. 208,285; Jan. 26; Serial No. 213,226; published Nov. 3, 1925.
Vending machines. Jeffries Automatic Service Company. 208,278; Jan. 26; Serial No. 216,397; published Nov. 3, 1925.
Wire twisters. M. E. Saunier. 208,383; Jan. 26.
Wrenches, pipe cutters, and vises. Trimont Manufacturing Company. 208,253; Jan. 26; Serial No. 219,504; published Nov. 10, 1925.

CLASS 26.

Hardness of materials, Machines for testing the. Aktiebolaget Alpha. 208,272; Jan. 26; Serial No. 217,654; published Nov. 3, 1925.

CLASS 27.

Clocks. Schlenker & Kienzle. 27,110; renewed Oct. 1, 1925.

CLASS 28.

Buckles, Ornamental. I. Miller & Sons, Inc. 208,386; Jan. 26.

CLASS 29.

Brushes, Artists'. M. Grumbacher. 208,363; Jan. 26.

CLASS 30.

Chinaware. Morgan Belleek China Company. 208,382; Jan. 26.

CLASS 31.

Refrigerators, Show-case. H. L. Hussmann. 208,369; Jan. 26.

CLASS 32.

Counters and show cases for self-service stores. Nifty Jiffy Corporation. 208,282; Jan. 26; Serial No. 214,738; published Nov. 3, 1925.
Furniture, Living-room. Messerschmidt Furniture Co. 208,365; Jan. 26.

CLASS 35.

Belting for power transmission purposes. Chas. A. Schieren Company. 208,381; Jan. 26.
Tire boots for automobile tires. Burrow Manufacturing Company. 208,340; Jan. 26; Serial No. 218,950; published Nov. 10, 1925.
Tires, Rubber vehicle. Fisk Rubber Company. 208,287; Jan. 26; Serial No. 210,896; published Nov. 3, 1925.

CLASS 36.

Talking machines and parts thereof. Victor Talking Machine Company. 50,082; renewed Mar. 6, 1926.
Talking machines, Records for. Victor Talking Machine Company. 50,081; renewed Mar. 6, 1926.
Violins, cellos, mandolins, etc. Tim Ges. m. b. H. 208,286; Jan. 26; Serial No. 213,207; published Sept. 15, 1925.

CLASS 37.

Paper, Writing. Peck Engraving Company. 208,379; Jan. 26.
Pencils. Joseph Dixon Crucible Company. 208,289; Jan. 26; Serial No. 204,820; published Jan. 10, 1925.

CLASS 38.

Bibles. National Publishing Company. 27,083; renewed Sept. 24, 1925.
Pictures and framed pictures. Bintliff Manufacturing Co. 208,385; Jan. 26.

CLASS 39.

Boots and shoes. Firestone-Apsley Rubber Company. 208,294; Jan. 26; Serial No. 200,811; published Nov. 3, 1925.
Boots and shoes. Lehigh Shoe and Rubber Company. 208,394; Jan. 26.
Boots and shoes, Tread member for. Plyrubber Heel Company. 208,392; Jan. 26.
Corsets. Lily of France Corset Co. 208,343; Jan. 26; Serial No. 218,819; published Nov. 3, 1925.
Garters. Kirkpatrick and Brown. 208,258; Jan. 26; Serial No. 219,825; published Nov. 3, 1925.
Gloves and gauntlets. O. C. Hansen Manufacturing Co. 208,355; Jan. 26.
Hats, Ladies'. Gitter's Millinery Stores, Inc. 208,249; Jan. 26; Serial No. 219,118; published Nov. 3, 1925.
Hosiery. S. Leftschatz. 208,372; Jan. 26.
Shoes. Kurz & Lapidus, Inc. 208,357; Jan. 26.
Shoes and slippers. Real Style Shoe Co. 208,273; Jan. 26; Serial No. 218,524; published Nov. 3, 1925.
Shoes, Children's. W. T. Grant Company. 208,251; Jan. 26; Serial No. 219,423; published Nov. 3, 1925.
Shoes, Leather. Holland Shoe Company. 208,375; Jan. 26.
Shoes, Men's dress. Chicago Mail Order Company. 206,303; Jan. 26; Serial No. 220,397; published Nov. 3, 1925.

CLASS 40.

Fur collars, cuffs, and borders. Firstenberg, Naboshek & Kheel. 208,277; Jan. 26; Serial No. 216,530; published Nov. 3, 1925.
Pins, Common or bank. L. W. Tiffany. 208,265; Jan. 26; Serial No. 219,920; published Oct. 27, 1925.
Snap fasteners. United States Fastener Company. 208,345; Jan. 26; Serial No. 220,207; published Nov. 10, 1925.

CLASS 42.

Textile fabrics in the piece. Kindeman-Salinger Co. 208,293; Jan. 26; Serial No. 201,512; published Oct. 27, 1925.

CLASS 43.

Cotton, Spool. Willimantic Linen Company. 27,198; renewed Nov. 12, 1925.

CLASS 45.

Beverages and sirups, extracts, and emulsions for making same. William Ireland Incorporated. 208,352; Jan. 26; Serial No. 150,451; published Mar. 3, 1925.
Beverages sold as soft drinks. Jackson County Creamery. 208,327; Jan. 26; Serial No. 218,759; published Nov. 10, 1925.

CLASS 46.

Apple and peach butters, raspberry preserves, etc. J. M. Smucker Co. 208,367; Jan. 26.
Bread, Swedish rye health. O. A. Larson. 208,377; Jan. 26.
Butter, coffee, vinegar, mustard, etc. Cox Stores Co. 208,300; Jan. 26; Serial No. 184,123; published Nov. 3, 1925.
Butter, eggs, and dressed poultry. A. C. Clauser. 208,250; Jan. 26; Serial No. 219,229; published Nov. 3, 1925.
Cakes. Consumers Biscuit Co. 208,260; Jan. 26; Serial No. 219,879; published Nov. 3, 1925.
Cakes. D. A. Grisinger. 208,263; Jan. 26; Serial No. 219,893; published Nov. 3, 1925.
Candy. Walter T. Hall & Co. 208,268; Jan. 26; Serial No. 218,755; published Nov. 10, 1925.
Candy and biscuits. R. A. Sansburg. 208,342; Jan. 26; Serial No. 218,873; published Nov. 3, 1925.
Candy bars. Pendergast Candy Company. 208,288; Jan. 26; Serial No. 213,733; published Nov. 10, 1925.
Canned fish. Van Landingham Co. 208,380; Jan. 26.
Canned fruit, vegetables, fish, and olives and bulk bottled olives. S. M. Simon. 208,307; Jan. 26; Serial No. 220,579; published Nov. 10, 1925.
Canned fruits, vegetables, fish, olive oil, etc. Cafiero & Mencacci. 208,280; Jan. 26; Serial No. 215,232; published Oct. 27, 1925.
Canned vegetables, fruits, and fish, pickles, etc. West Side Wholesale Grocery Co. 208,291; Jan. 26; Serial No. 203,770; published Nov. 3, 1925.
Cheese. Calmes Frères. 208,362; Jan. 26.
Cheese. Davis Bros. Cheese Co. 208,261; Jan. 26; Serial No. 219,880; published Nov. 3, 1925.
Cooking oil. Tater-Flakes Company. 208,330; Jan. 26; Serial No. 219,999; published Nov. 3, 1925.
Crackers and cakes. Pacific Coast Biscuit Company. 208,326; Jan. 26; Serial No. 218,773; published Nov. 3, 1925.
Eggs, butter, and cheese. Holbrook Grocery Company. 208,361; Jan. 26.
Farina. George Urban Milling Company. 208,335; Jan. 26; Serial No. 220,158; published Nov. 3, 1925.
Feed and scratch. Poultry. Southern Gypsum Company. 208,301; Jan. 26; Serial No. 220,257; published Nov. 3, 1925.
Feeds, Dairy, cattle, stock, etc. Northern Milling Company. 208,366; Jan. 26.
Flour, Wheat. Alexander Milling Company. 208,259; Jan. 26; Serial No. 219,866; published Nov. 3, 1925.
Flour, Wheat. Empire Milling Company. 208,248; Jan. 26; Serial No. 218,958; published Nov. 3, 1925.
Flour, Wheat. Fisher Flouring Mills Company. 208,254; Jan. 26; Serial No. 219,580; published Nov. 3, 1925.
Flour, Wheat. Fuhrer-Ford Milling Co. 208,288; Jan. 26; Serial No. 210,839; published Nov. 3, 1925.
Flour, Wheat. William Kelly Milling Company. 208,274; Jan. 26; Serial No. 217,157; published Nov. 3, 1925.
Flour, Wheat. Pillsbury Flour Mills Company. 208,360; Jan. 26.
Flour, Wheat. Southwestern Milling Company. 208,270; Jan. 26; Serial No. 217,532; published Nov. 3, 1925.
Flour, Wheat. Warner Moore & Co. 208,302; Jan. 26; 220,266; published Nov. 3, 1925.
Flour, Wheat. G. W. Ziebold. 208,329; Jan. 26; Serial No. 220,005; published Nov. 3, 1925.
Flours, corn meal, pancake sirup, and evaporated milk. John Knobel & Son. 208,305; Jan. 26; Serial No. 220,543; published Nov. 10, 1925.
Food for canaries, etc., Tonic. F. B. Haller. 208,364; Jan. 26.
Food, Poultry. American Agricultural Chemical Company. 208,279; Jan. 26; Serial No. 215,394; published Nov. 3, 1925.
Fruit preserves. D. B. Scully Syrup Co. 208,295; Jan. 26; Serial No. 200,123; published Nov. 10, 1925.
Grapes, pears, plums, etc., Fresh. M. Gilbert. 208,292; Jan. 26; Serial No. 203,265; published Oct. 27, 1925.
Milk, cream, and buttermilk, Fluid. Maryland-Virginia Milk Products Company. 208,252; Jan. 26; Serial No. 219,489; published Nov. 3, 1925.
Oil, Olive. P. Curreri. 208,325; Jan. 26; Serial No. 220,218; published Nov. 10, 1925.
Oil, Olive. M. Deminico. 208,298; Jan. 26; Serial No. 196,730; published Oct. 27, 1925.
Oil, Olive. Gavalla & Zannos. 208,262; Jan. 26; Serial No. 219,889; published Nov. 3, 1925.
Oil, Olive. P. Todaro. 208,336; Jan. 26; Serial No. 220,154; published Nov. 3, 1925.
Pectin and fruit juices, Clarifier of. Takamine Laboratory, Inc. 208,341; Jan. 26; Serial No. 218,882; published Oct. 27, 1925.
Pineapples, Fresh. West Indies Fruit Importing Company. 208,275; Jan. 26; Serial No. 216,242; published Nov. 10, 1925.
Sandwiches. Price-Wilhoite Specialty Co. 208,333–4; Jan. 26; Serial Nos. 220,085–6; published Nov. 6, 1925.
Sandwiches. Price-Wilhoite Specialty Co. 208,346–7; Jan. 26; Serial Nos. 220,083–4; published Nov. 3, 1925.
Semolinas, wheat flours, and wheat offals. Minneapolis Milling Company. 208,271; Jan. 26; Serial No. 217,630; published Nov. 3, 1925.
Sirups. New Orleans Coffee Company. 208,356; Jan. 26.
Tunny fish, canned tomatoes, tomato sauce, olive oil, and black pepper. B. Dorman. 208,296; Jan. 26; Serial No. 199,830; published Nov. 3, 1925.

CLASS 47.

Wines. F. W. Fletcher. 27,399; renewed Dec. 3, 1925.

CLASS 48.

Beer, Lager. Christian Meerlein Brewing Co. 47,128; renewed Oct. 24, 1925.
Beer, Lager. Firm of G. Pschorr. 26,853; renewed July 23, 1925.

CLASS 49.

Whisky. Rutherford & Kay. 27,560; renewed Dec. 31, 1925.

ALPHABETICAL LIST OF LABELS.

Affinity. For Cigars. L. C. Knudson. 29,846; Jan. 26.
Blue Flag. For Fresh Apples. Earl Fruit Company. 29,842; Jan. 26.
Carr's Diabetic Treatment. For Carr's Diabetic Medicine. M. Carr. 29,840; Jan. 26.
Clark's Velvetan. For Ladies' Knitted Sport Coats and Suits. Clark Knitting Co. 29,841; Jan. 26.
Day Old Quality. For Eggs. O. W. Mapes. 29,848; Jan. 26.
Floraola. For Box Containing Perfume. W. E. McCalvey Company. 29,847; Jan. 26.
Frisch Process. For Bread. E. Frisch. 29,844; Jan. 26.
Hammermill Linen. For Stationery. White & Wyckoff Mfg. Co. 29,855; Jan. 26.
Kosher Salt. For Salt. International Salt Company. 29,845; Jan. 26.
Malofruits. For Malofruits, a Confection. Busy Bee Candy Co. 29,839; Jan. 26.
Mellow Tone. For Candy. Chas. Weinhagen & Co. 29,854; Jan. 26.
Miller's High Grade Butter. For Butter. Menasha Printing and Carton Company. 29,849; Jan. 26.
Palm Springs Marmalade. For Orange Marmalade. F. Wildhack. 29,856; Jan. 26.
Peach Bloom Rouge. For a Face and Lip Rouge. G. L. Peterson. 29,851; Jan. 26.
Placerville Maid. For Fresh Pears. Placerville Fruit Growers Association. 29,852; Jan. 26.
Red Flag. For Fresh Apples. Earl Fruit Company. 29,843; Jan. 26.
Skipper. For Tobacco. W. Bensev. 29,837; Jan. 26.
Snuggle. For Candy. A. B. Mewhinney Co. 29,850; Jan. 26.
S O S. For Radio Accessories. F. A. Boyle. 29,838; Jan. 26.
The Junior Polychrome Outfit. For Complete Outfits for Doing Polychrome Work. C. A. Beaty. 29,836; Jan. 26.
Tribond Quality Hose. For Hosiery. Tribond Sales Corporation. 29,853; Jan. 26.

ALPHABETICAL LIST OF PRINTS.

A Tempting Treat. For Frankfurters. Rochester Packing Co. 8,529; Jan. 26.
Blue Ribbon. For Bacon. Rochester Packing Co. 8,532; Jan. 26.
Blue Ribbon. For Daisies. Rochester Packing Co. 8,533; Jan. 26.
Blue Ribbon. For Ham. Rochester Packing Co. 8,531; Jan. 26.
Camel. For Cigarettes. J. B. Little. 8,528; Jan. 26.
Erase All Your Old Ideas of Eating Ice Cream! For Frozen Confections. Eskimo Pie Corporation. 8,527; Jan. 26.
Of Course . . . You'll Like Ice Cream Now! For Frozen Confections. Eskimo Pie Corporation. 8,525; Jan. 26.
Unerring Knowledge of What is Correct. For Eaton's Social Stationery. Eaton, Crane & Pike Co. 8,524; Jan. 26.
When Unexpected Guests Arrive. For Pressed Ham. Rochester Packing Co. 8,530; Jan. 26.
We Want Eskimo Pie. For Frozen Confections. Eskimo Pie Corporation. 8,526; Jan. 26.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 3.

Frames and ornaments for pocketbooks and hand bags and harness buckles and trimmings. Bakelite Corporation. 222,153; Jan. 26.
Suitcases. New England Trunk Co. 223,444; Jan. 26.

CLASS 5.

Cement, Transparent liquid. P. J. Breivogel. 223,459; Jan. 26.

CLASS 6.

Ammonium salt. Wallace & Tiernan Co. 224,309; Jan. 26.
Bath salts, face powder, shampoo solution, etc. Kolynos Co. 224,027; Jan. 26.
Battery-sealing compounds. Standard Oil Company (New Jersey). 223,975; Jan. 26.
Chemicals for photographic purposes. Penn Process Company. 223,322; Jan. 26.
Creams, perfumery extracts, sachet and face powders, etc., Massage and cold. Woodward & Lothrop. 223,269; Jan. 26.
Dyes. Monroe Drug Company. 223,929–30; Jan. 26.
Fire-extinguishing compounds. Extinguishers, Ltd. 223,029; Jan. 26.
Hairdressings. H. Temkin. 223,813; Jan. 26.
Hair shampoo. H. V. Britton. 223,956; Jan. 26.
Ink eradicators. R. M. Fingerhut. 223,841; Jan. 26.
Insecticide. R. L. Wortham. 201,067; Jan. 26.
Insecticides. Talbot Manufacturing Co. 222,888; Jan. 26.
Laxative and cathartic. I. E. Emerson. 223,776; Jan. 26.
Laxative chewing gum. G. Best. 223,995; Jan. 26.
Magnesia tablets. Atlantic Remedies Company. 223,273; Jan. 26.
Medicinal compound for the treatment of constipation. Avri Drug & Chemical Company. 223,617; Jan. 26.
Nail polish. Gloray Company. 224,014; Jan. 26.
Perfume extracts, toilet water, bay rum, etc. R. H. Macy & Co. 210,493; Jan. 26.
Perfumes, rouge, etc. C. A. Lamothe. 221,971; Jan. 26.
Perfumes, toilet water, face and sachet powders, etc. R. Teboul. 223,668–9; Jan. 26.
Preparation for killing roaches, rats, etc. John Opitz, Inc. 223,973; Jan. 26.
Preparation for the relief of painful menstruation. Vibenz Laboratory. 223,756; Jan. 26.
Preparation for treatment of coughs, colds, and bronchitis. G. H. Center. 222,063; Jan. 26.
Remedy for corns and bunions. Smith, Kline & French Company. 218,579; Jan. 26.
Salve. A. F. Woodward. 223,951; Jan. 26.
Skin tonic. J. V. Lago. 223,729; Jan. 26.
Snail-control meal. Antrol Laboratories, Inc. 223,985; Jan. 26.
Tablets and a saline laxative compound. A. L. Duplantis. 222,445; Jan. 26.
Tablets for aid in reducing. Hanly Products Co. 224,021; Jan. 26.
Toilet powders. Abonita Company. 223,953; Jan. 26.
Toilet preparations. George Schicht A. G. 214,621; Jan. 26.
Toilet water, perfume, sachet, face creams, and toilet powder. Bomola Parfumerie, Inc. 224,265; Jan. 26.
Tonic for dogs. G. G. Anderson. 223,760; Jan. 26.
Tonic, Medicinal. Purexo Products Co. 223,866; Jan. 26.

CLASS 7.

Rope, Wire. E. H. Edwards Company. 217,075; Jan. 26.

CLASS 11.

Carbon paper. H. M. Stornis Company. 216,297; Jan. 26.

CLASS 12.

Lumber. S. E. Lyons Lumber Company. 206,246; Jan. 26.
Ornamental architectural figures and ornaments. Kraus Rastone Products Corporation. 222,749; Jan. 26.

CLASS 13.

Fencing, Wire. American Steel and Wire Company of New Jersey. 224,372; Jan. 26.

CLASS 14.

Castings, Metal. Pacific Foundry Company. 224,347; Jan. 26.
Steel and iron sheets. Tennessee Coal, Iron & Railroad Company. 220,156; Jan. 26.
Steel sheet. Youngstown Sheet and Tube Company. 224,687–8; Jan. 26.

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CLASS 15.

Oils, greases, gasoline, and paraffin. George Schicht A. G. 214,623; Jan. 26.

CLASS 16.

Enamel, Paint. Great Lakes Varnish Works, Inc. 219,963; Jan. 26.
Enamels. Marietta Paint & Color Company. 224,196; Jan. 26.
Paint enamels. Great Lakes Varnish Works, Inc. 223,707; Jan. 26.
Paint, Ready-mixed. L. Jackson. 224,095; Jan. 26.
Polish, Wax and liquid. Peerless Products Co. 223,403; Jan. 26.
Talc, a dry paint. General Trading Corporation. 222,981; Jan. 26.
Varnish and paint enamel products. Kreuter-Faasen Co. 220,730; Jan. 26.

CLASS 21.

Advertising devices. Rao-Ad Company. 222,399; Jan. 26.
Batteries, Electric. Consolidated Battery Company. 222,665; Jan. 26.
Battery boxes. Hood Rubber Company. 216,341; Jan. 26.
Battery chargers, rectifiers, and filtering devices. Forest Electric Co. 221,548; Jan. 26.
Choke coil or impedance in filter circuits of electrical apparatus. American Transformer Company. 220,934; Jan. 26.
Electric power circuits, Electric control of the power demand and peak loads in. E. T. Moore. 222,753; Jan. 26.
Ignition and starting apparatus, electric-lighting systems, etc. American Bosch Magneto Corporation. 220,167; Jan. 26.
Insulating and composite materials and compounds. Engineering Products Corporation. 220,337; Jan. 26.
Motors and relays, Electric. Valley Electric Company. 222,644; Jan. 26.
Radio instruments, telephone jacks, etc., Vernier controls for. August Goertz & Co. 215,566; Jan. 26.
Radio receiving sets. L. D. Crouch. 220,274; Jan. 26.
Spark timers. Toledo Timer Co. 222,353; Jan. 26.
Vacuum tubes. N. Goldman. 220,021; Jan. 26.
Vacuum tubes. Perryman Electric Company. 222,762; Jan. 26.
Wire, electric contact pieces, core and armature parts, etc., Electric. Chemical Treatment Company. 219,805; Jan. 26.

CLASS 22.

Dolls. E. I. Horsman Co. 223,918; Jan. 26.
Fishing line. Ashaway Line & Twine Manufacturing Company. 223,990; Jan. 26.
Pork-rind spinners. Enterprise Manufacturing Company. 223,958; Jan. 26.
Toy automobiles. E. E. Green. 223,710; Jan. 26.
Toy mechanical dogs. Mawhinney Last Company. 223,399; Jan. 26.

CLASS 23.

Cement mixers. A. S. Aloe Co. 223,353; Jan. 26.
Machinery for purifying and softening water. Wm. B. Scaife & Sons Company. 221,384; Jan. 26.
Mowers, Lawn. Van Nette Lawn Mower Company. 222,719; Jan. 26.
Picks, Ice. Fletcher Works Incorporated. 223,291; Jan. 26.
Saws. A. S. Aloe Co. 223,354; Jan. 26.
Shear knives. Heppenstall Forge and Knive Company. 223,296; Jan. 26.
Spoons, knives, forks, etc. Dirigold Corporation. 192,965; Jan. 26.
Tongs, Cooking. J. P. Herrick. 219,483; Jan. 26.

CLASS 24.

Ironing machines. Almetal Manufacturing Company. 223,615; Jan. 26.

CLASS 26.

Camera and film kits. Combination. Ansco Photoproducts, Inc. 224,795; Jan. 26.
Ophthalmic mountings and parts thereof. Bausch and Lomb Optical Company. 224,373; Jan. 26.
Pictures, Moving. Famous Players-Lasky Corporation. 222,448; Jan. 26.

CLASS 27.

Watch movements and watchcases. Illinois Watch Case Company. 223,718–21; Jan. 26.
Watch movements and watchcases. Illinois Watch Case Company. 223,723; Jan. 26.
Watch movements and watchcases. Illinois Watch Case Company. 223,725–6; Jan. 26.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 29.

Brush backs and handles. Bakelite Corporation. 222,433; Jan. 26.
Brushes. Pro-phy-lac-tic Brush Company. 223,656; Jan. 26.
Brushes, Artists'. M. Grumbacher. 189,108; Jan. 26.

CLASS 31.

Refrigerators. Louisville Refrigerator Corporation. 224,144; Jan. 26.

CLASS 32.

Couches, beds, mattresses, and bed springs. Roll-A-Way Bed Corporation. 207,262; Jan. 26.
Furnishings—namely, ornamental novelties. J. A. Bates. 216,314; Jan. 26.
Settees, couches, chairs, etc. Universal Willow and Reed Ware Company. 209,149; Jan. 26.

CLASS 34.

Candles and lighting fixtures other than electrical, Artificial. M. R. Birk. 218,040; Jan. 26.
Cigar lighters. M. E. Bernhardt. 222,594; Jan. 26.
Furnaces, Pipeless Babson Brothers. 223,885; Jan. 26.

CLASS 35.

Dredging sleeves. B. F. Goodrich Company. 223,227; Jan. 26.
Inner-tube patching. J. F. McLeod. 221,559; Jan. 26.
Tires, inner tubes, and patch material, Rubber. Shurwyn Tire & Rubber Co. 205,099; Jan. 26.

CLASS 36.

Pianos. Cable Company. 223,898; Jan. 26.
Pianos, organs, talking machines, etc. Complete Music Stores. 181,587; Jan. 26.
Talking machines, phonographs. Autrola Company. 186,737; Jan. 26.

CLASS 37.

Papers, cards, and envelopes. United States Envelope Company. 210,329–31; Jan. 26.

CLASS 38.

Books. Viking Press, Inc. 220,330; Jan. 26.
Certificates, Saving. Mutual System Company. 216,687; Jan. 26.
Periodical published quarterly. International Telephone & Telegraph Corporation. 223,788; Jan. 26.
Title for a magazine news section. Porter-Langtry Company. 224,046; Jan. 26.

CLASS 39.

Bathing suits, trunks, shirts, etc. Franklin Sweater Mills. 218,848; Jan. 26.
Boots and shoes. Muskin Shoe Company. 223,538; Jan. 26.
Dresses and coats. Hyman & Goldston, Inc. 218,125; Jan. 26.
Dresses, coats, suits, etc., Women's. Wilkes-Barre Dry Goods Company. 223,672; Jan. 26.
Hosiery and underwear. M. Nathan and Brother, Incorporated. 221,194; Jan. 26.
Overcoats and sack coats, Men's. Stein-Bloch Co. 205,566; Jan. 26.
Shoes, Cushion. G. J. Winter. 219,052; Jan. 26.
Stocking protectors. Heco Envelope Company. 223,716; Jan. 26.
Suits, trunks, and shirts and sweater coats and vests, Bathing. Franklin Sweater Mills. 219,388; Jan. 26.
Undergarments and clothing, Women's girls' and misses'. Woodward & Lothrop. 222,974; Jan. 26.
Underwear, undershirts, union suits, etc., Athletic. Burnham-Munger-Root Dry Goods Company. 216,319; Jan. 26.

CLASS 41.

Umbrellas, Women's. Woodward & Lothrop. 223,267; Jan. 26.

CLASS 44.

Dental investment, stone, and plaster. Falls City Dental Specialty Co. 223,026; Jan. 26.
Electromedical appliances. B. Ickelsheimer. 224,139; Jan. 26.
Surgical dressings. Johnson & Johnson. 224,096; Jan. 26.

CLASS 45.

Beverage and sirups and extracts for making same. G. Tolchin. 222,890; Jan. 26.
Beverage sold as a soft drink and sirups for making the same. Jackson Brewing Company. 223,387; Jan. 26.
Beverages and sirups. H. Fox & Co. 223,470–1; Jan. 26.
Beverages sold as soft drinks. H. R. Land. 223,176; Jan. 26.
Ginger ale, sarsaparilla, root beer, and grape juice. American Stores Company. 220,830; Jan. 26.
Lemon soda, soda water, ginger ale, etc. R. H. Macy & Co. 210,491; Jan. 26.

CLASS 46.

Almonds, Sugared and salted. N. P. Damianakes. 217,985; Jan. 26.
Apples and pears, Fresh. Duckwall Bros. 223,164; Jan. 26.
Apples, Fresh. Earl Fruit Company. 223,624; Jan. 26.
Apples, Fresh. Independent Fruit Shippers. 223,728; Jan. 26.
Bread. J. A. Dietzen. 223,506; Jan. 26.
Bread, biscuits, and cakes. H. Gold. 224,015; Jan. 26.
Butter, eggs, and cheese. Central Provision Company. 222,220; Jan. 26.
Cake, Fruit. C. L. Williams. 224,125; Jan. 26.
Candy. Golden Nugget Sweets. 223,384; Jan. 26.
Candy. George C. Miller & Co. 222,860; Jan. 26.
Candy. Van Antwerp's Drug Corporation. 214,983; Jan. 26.
Canned fruits and vegetables. United States Products Corporation. 224,682–3; Jan. 28.
Canned peas, canned peaches, spices, peanut butter, rice, etc. Paxton & Gallagher Co. 222,631; Jan. 26.
Canned pineapple, jam marmalade, and jelly. Hawaiian Pineapple Products Co. 218,553; Jan. 26.
Canned vegetables and fruits, fruit jams, etc. Charles Hewitt & Sons Co. 220,532; Jan. 26.
Canned vegetables, canned fruits, etc. Charles Hewitt & Sons Company. 221,257; Jan. 26.
Cheese. Birki & Cie. 219,225; Jan. 26.
Cheese. Meier & Frank Company. 223,732; Jan. 26.
Cheese and koch käse. Manitowoc Products Company. 206,177; Jan. 26.
Chocolate coatings. Lamont, Corliss & Company. 218,128; Jan. 26.
Chocolate malted milk drink. C. V. Davis. 222,223; Jan. 26.
Coffee. Woolson Spice Co. 204,578; Jan. 26.
Coffee, Green. Leon Israel & Bros. Inc. 224,709; Jan. 26.
Coffee, tea, mayonnaise, olives, etc. Fishback Company. 221,102; Jan. 26.
Cracker meal. Adolf J. Mainzer, Inc. 223,793; Jan. 26.
Crackers. Pacific Coast Biscuit Company. 216,794; Jan. 26.
Crackers, cakes biscuits, and sugar wafers. Lakeside Biscuit Co. 210,848; Jan. 26.
Eggs. Fresno Poultrymens Cooperative Association. 221,251; Jan. 26.
Eggs. Mutual Creamery Company. 224,035; Jan. 26.
Feeds, Mineral. Moseley Manufacturing Company. 212,280; Jan. 26.
Flour, Cake. Pasco Grain & Milling Co. 216,285; Jan. 26.
Flour, Wheat. Alexander Milling Company. 221,470; Jan. 26.
Flour, Wheat. Russell-Miller Milling Co. 212,642–3; Jan. 26.
Jams, Fruit. C. G. Romano. 223,805; Jan. 26.
Jellies, jams, etc. Squire Dingee Company. 205,792; Jan. 26.
Macaroni and canned tomatoes. G. Rossano & Bro. 222,192; Jan. 26.
Malt extract for food purposes, Dried. Schreiber Products Corporation. 223,196; Jan. 26.
Malted milk. A. Witt. 222,650; Jan. 26.
Marmalades and jam containing nuts. J. Allen. 220,281; Jan. 26.
Mayonnaise. O. R. Taylor. 220,746; Jan. 26.
Mayonnaise and Thousand Island dressing. Mrs. Potts Sanders. 216,120; Jan. 26.
Oil, Olive. E. Martini. 222,624; Jan. 26.
Oranges and grapefruit, Fresh. Milne-O'Berry Packing Co. 223,795; Jan. 26.
Peanut butter. Walter J. Hirsch Co. 219,431; Jan. 26.
Pickles and pickle relish. Bond Pickle Company. 202,975; Jan. 26.
Pickles, jellies, jams, fruit and berry preserves, etc. Squire Dingee Company. 221,857; Jan. 26.
Potatoes. M & A Produce Co. 222,266; Jan. 26.
Salad dressings. H. L. Van Blarcom. 224,939; Jan. 26.
Sauerkraut. Fremont Kraut Company. 221,175; Jan. 26.
Sugar, Granulated. S. J. Serralles. 222,640; Jan. 26.
Wheat bran, wheat screenings, wheat mixed feed, etc. Rea-Patterson Milling Company. 222,880; Jan. 26.

CLASS 50.

Films intended for transfer to the surface of textile fabrics, etc. Hermetite Corporation. 222,241; Jan. 26.
Incubators and brooders. Charters Manufacturing Co. 220,701; Jan. 26.
Paper straws. Stone Straw Company. 152,937; Jan. 26.
Rubber coverings, Sheet. B. F. Goodrich Company. 224,017; Jan. 26.
Rubber mats and rubber matting. Boston Woven Hose & Rubber Company. 223,894; Jan. 26.
Textile fabrics, Water-proof. Hermetite Corporation. 222,238; Jan. 26.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 26TH DAY OF JANUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Abram, Edmund W., London, England. Teapot, coffeepot, and the like. 1,570,818; Jan. 26.
Adair, Herbert J., Ardmore, and E. J. Flannery, Philadelphia, Pa. Automobile rim compressor. 1,570,719; Jan. 26.
Adams, Robert P., et al. (See Sweeney, David, assignor.)
Aitken, Andrew W., assignor to The Buffalo-Springfield Roller Co., Springfield, Ohio. Motor vehicle. 1,571,035; Jan. 26.
Aktiebolaget Ljungströms Angturbin. (See Ljungström, Fredrik, assignor.)
Albright, Neil T., assignor to Kokomo Automotive Mfg. Co., Kokomo, Ind. Signal lamp. 1,570,605; Jan. 26.
Albright, Neil T., assignor to Kokomo Autcmotive Manufacturing Company, Kokomo, Ind. Shock absorber. 1,570,606; Jan. 26.
All-In-One Manufacturing Company, The. (See Lieberthal, Robert H., assignor.)
Alsager, Arne O., Willow Creek Township, Lee County, Ill. Ironing-board-cover fastener. 1,571,083; Jan. 26.
Aluminum Company of America. (See Hobbs, Douglas B., assignor.)
American Electrical Heater Company. (See Kuhn, F., and Thomas, assignors.)
American Laundry Machinery Company, The. (See Benjamin, Dana H. and H. W., assignors.)
American Magnesium Corporation. (See Templin, Richard L., assignor.)
American Optical Company. (See Schumacher, Elmer L., assignor.)
American Shoe Machinery Company. (See Wright, W. C., and Merrick, assignors.)
American Telephone and Telegraph Company. (See Harden, W. H., and Graefenecker, assignors.)
American Telephone and Telegraph Company. (See Loynes, Owen H., assignor.)
American Telephone and Telegraph Company. (See Nyquist, Harry, assignor.)
American Tube and Stamping Company, The. (See Marchesseault, Joseph R., assignor.)
American Tube & Stamping Company, The. (See Tatem, James B., assignor.)
Amos, Hermann, Doltzschen, near Dresden, Germany. Artificial-stone abrasive wheel. 1,570,604; Jan. 26.
Anderson, Alexander. (See Dostal, J. L., and Anderson.)
Anderson, Emil I., New York, and N. E. Anderson, Bronx, N. Y. Flexible bracelet or the like. 1,570,932; Jan. 26.
Anderson, Nils E. (See Anderson, Emil I. and N. E.)
Andrews-Bradshaw Company. (See Andrews, Roger W., assignor.)
Andrews, Roger W., assignor to Andrews-Bradshaw Company, Pittsburgh, Pa. Steam purifier. 1,570,985; Jan. 26.
Anguish, Allen A., Everett, Mass. Hoisting and equalizing apparatus. 1,571,036; Jan. 26.
Aram, Otto, Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company. Stoker ram. 1,570,604; Jan. 26.
Armstrong Cork Company. (See Bentley, L. L., and Sloan, assignors.)
Arrow Electric Company, The. (See Harrington, William H., assignor.)
Automatic Appliance Company, The. (See Mapel, Lewis A., assignor.)
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Canning machine. 1,570,980; Jan. 26.
Ayars Machine Company. (See Ayars, Charles H., assignor.)
Ayres, Eugene E., jr., Chester, Pa., assignor to The Sharples Specialty Company, Philadelphia, Pa. Resolving emulsions. 1,570,987; Jan. 26.
Backstrom, Gustaf V. (See Brown, Perry O., assignor.)
Bagley, William H., Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind., and Detroit, Mich. Plug gauge. 1,571,154; Jan. 26.
Baker, Percy W., Kingston-on-Thames, England. Thermally-actuated device for controlling electric circuits. 1,571,104; Jan. 26.
Baker, Wedworth V., Detroit, Mich. Industrial oven. 1,570,720; Jan. 26.
Baldwin, Frederick M., Los Angeles, Calif. Auto signaling device. 1,570,721; Jan. 26.
Baldwin, James C., Junction City, assignor of one-fourth to W. C. Donnell, one-fourth to R. C. Sheets, Navarre, Kans., and one-fourth to E. B. Saufley, Kansas City, Mo. Battery terminal. 1,570,722; Jan. 26.
Banks, Clarence E., assignor of one-half to J. L. Brightwell, Monticello, Mo. Insulator. 1,570,723; Jan. 26.
Barber, William H. (See Evans, E. J., and Barber.)
Barney, Edwin E., New Rochelle, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,570,988; Jan. 26.
Bart, Blasius, East Orange, N. J. Electroplating and apparatus therefor. 1,570,819; Jan. 26.
Bartlett, Arthur F., and W. F. Straub, Fitchburg, Mass. Nut lock. 1,571,037; Jan. 26.
Bashline, George S., Wynona, Okla. Pulling device. 1,570,607; Jan. 26.
Bassett, William C., Long Beach, Calif. Composition for casehardening. 1,571,084; Jan. 26.
Bayer, Leo J., St. Louis, Mo. Soot blower. 1,571,038; Jan. 26.
Bayer, Leo J., St. Louis, Mo. Soot blower. 1,571,039; Jan. 26.
Bazzoni, Lewis J., Swampscott, Mass. Internal-combustion engine. 1,571,175; Jan. 26.
Beagle, Steve A., et al. (See Seifke, Herman A., assignor.)
Beck, Frédérick, Neuilly-sur-Sein, France. Automatic chuck. 1,570,724; Jan. 26.
Bedaux, Charles E. (See Parsons, George A., assignor.)
Benckenstein, Charles H., Vinton, La. Screen for oil wells. 1,570,725; Jan. 26.
Bendix Brake Company. (See Smith, F. H., and Sindelar, assignors.)
Benjamin, Dana H., and H. W., Cleveland Heights, assignors to The American Laundry Machinery Company, Cincinnati, Ohio. Power pressing machine. 1,571,040; Jan. 26.
Benjamin Electric Manufacturing Company. (See McClatchie, Stanley, assignor.)
Benjamin Electric Manufacturing Company. (See Warner, Chester E., assignor.)
Benjamin, Howard W. (See Benjamin, Dana H. and H. W.)
Bennington, Earl T., Willoughby, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Current collector. 1,570,933; Jan. 26.
Bennington, Earl T., Cleveland Heights, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Tramrail switch. 1,570,934; Jan. 26.
Bentley, Louis L., Beaver Falls, and J. W. Sloan, New Brighton, assignors to Armstrong Cork Company, Pittsburgh, Pa. Shoe-botton-filling apparatus. 1,570,608; Jan. 26.
Best, Norman A. (See Hoy, J. E., and Best.)
Betéa, Vicente, Venado Tuerto, Argentina. Groundcleaning rake. 1,570,820; Jan. 26.
Bethlehem Steel Company. (See Burns, Timothy, assignor.)
Bethlehem Steel Company. (See Entwisle, Edward F., assignor.)
Bethlehem Steel Company. (See Hilpert, Meier G., assignor.)
Bethlehem Steel Company. (See Julstedt, Clas J., assignor.)
Bethlehem Steel Company. (See Lehr, Charles E., assignor.)
Bethlehem Steel Company. (See Schenck, C., Fine, and Ibach, assignors.)
Bethlehem Steel Company. (See Schulz, Paul A., assignor.)
Bethlehem Steel Company. (See Van Essen, Pieter D., assignor.)
Beyea, Frank H., assignor to J. R. Gammeter, Akron, Ohio. Machine for the manufacture of bead cables or grommets. 1,570,821; Jan. 26.
Bishop, Frederic L., assignor to Window Glass Machine Company, Pittsburgh, Pa. Method and apparatus for annealing and cooling sheet glass. 1,570,822; Jan. 26.
Black, Hugh R., Hall, N. Y. Packaging fruit and the like. 1,571,041; Jan. 26.
Block, William, Chicago, Ill. Supporting arm for lamp stands. Des. 69,307; Jan. 26.
Block, William, Chicago, Ill. Arm-supporting bracket for lamp stands. Des. 69,308; Jan. 26.

Block, William, Chicago, Ill. Finial for lamps. Des. 69,309; Jan. 26.
Bodker, John W., Ponchatoula, La. Garment hanger. 1,571,087; Jan. 26.
Boeck, Percy A., Los Angeles, Calif., assignor, by mesne assignments, to The Celite Company. Treating filtration residues for reuse. 1,571,042; Jan. 26.
Bohrer, Raymond E. (See Payne, W. B., Tiefel, and Bohrer.)
Bolens, Harry W. (See Murakami, Rin N., assignor.)
Booth, Prentice, North Fond du Lac, Wis. Power-driven saw. 1,570,935; Jan. 26.
Bossert, Edward, Toledo, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Mold flask. 1,570,989; Jan. 26.
Böttner, Arno, Sudenburg, near Magdeburg, assignor to the Firm: Polte, Magdeburg, Germany. Steam-cut-off valve. 1,570,990; Jan. 26.
Bowers, Albert P., assignor to Columbian Bank Note Company, Chicago, Ill. Paper-gripping device for plate printers. 1,570,936; Jan. 26.
Brahs, Charles, Paterson, N. J. Lining for transmission and brake bands. 1,571,085; Jan. 26.
Brand, Anna P., assignor to B. A. Brand, Chicago, Ill. Garter and arm band. 1,570,937; Jan. 26.
Brand, Benjamin A. (See Brand, Anna P., assignor.)
Brandes Laboratories, Inc. (See Gerns, William H., assignor.)
Brenne, Arild M., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Hand brake. 1,570,609; Jan. 26.
Briggs Manufacturing Company. (See Marshall, William, assignor.)
Brightwell, Jesse L. (See Banks, Clarence E., assignor.)
British Dyestuffs Corporation Limited. (See Lefebure, V., and Hallwood, assignors.)
Brittain, Gustavus O., Canton, Ohio. Air-cooled engine. 1,571,086; Jan. 26.
Broderick, Frank W., assignor of one-half to E. H. Slater, Memphis, Tenn. Pipe-cutting machine. 1,570,726; Jan. 26.
Broughton, E. B. (See Ward, David A., assignor.)
Brown, James V., Erlanger, N. C., assignor to H. & B. American Machine Company, Pawtucket, R. I. Bunch builder for spinning machines. 1,571,155; Jan. 26.
Brown-Lipe Gear Company. (See Leighton, Herbert J., assignor.)
Brown, Perry O., assignor of one-half to G. V. Backstrom, St. Vincent, Minn. Emergency grease cup. 1,570,873; Jan. 26.
Brumfield, Thomas R., assignor of one-half to P. L. Hines, Danville, Va. Combined nut and bolt lock. 1,570,874; Jan. 26.
Brunn, George T., Pittsburgh, Pa. Electric system. 1,570,823; Jan. 26.
Buchanan, David E., Dublin, Tex. Knee pad. 1,571,088; Jan. 26.
Buchli, Jacob, Winterthur, Switzerland. Steam locomotive. 1,570,991; Jan. 26.
Budd Company, The. (See Gormley, Frank L., assignor.)
Buffalo-Springfield Roller Co., The. (See Aitken, Andrew W., assignor.)
Bullinger, Christ. (See Jaeger, W., and Potstock, assignors.)
Burdick, Charles L., London, England. Paper-folding machine. 1,571,105; Jan. 26.
Burger, Luis, New York, N. Y. Shoe. 1,571,106; Jan. 26.
Burnham Chemical Company. (See Gauger, A. W., and Storch, assignors.)
Burns, Timothy, Buffalo, N. Y., assignor to Bethlehem Steel Company, Bethlehem, Pa. Regenerative furnace. 1,570,992; Jan. 26.
Butler, Matthew J., and E. A. Johnson, Joliet, Ill. Combined sight gauge and thermometer. 1,570,938; Jan. 26.
Byer, Solomon. (See Moore, R. A., and Byer.)
Cahusac, Clarence N., Newark, N. J. Smoker's novelty ash tray. 1,570,610; Jan. 26.
Calhoun, Lawrence V., Lima, assignor to The Dayton Malleable Iron Company, Dayton, Ohio. Sealing lock and door starter. 1,570,611; Jan. 26.
Cameron, James A., Brooklyn, N. Y., and R. M. Johnstone, Roselle Park, N. J., assignors to Cameron Machine Company, Brooklyn, N. Y. Slitting machine. 1,570,939; Jan. 26.
Cameron, James A., Brooklyn, N. Y., and R. M. Johnstone, Roselle Park, N. J., assignors to Cameron Machine Company, Brooklyn, N. Y. Slitting machine. 1,570,940; Jan. 26.
Cameron Machine Company. (See Cameron, J. A., and Johnstone, assignors.)
Capelle, Agnes, and H. Harris, New York, N. Y. Hat. 1,571,107; Jan. 26.
Carborundum Company, The. (See Johnson, Boyd M., assignor.)
Carey, Philip Manufacturing Company. (See Milar, James J., assignor.)
Carpenter, Herbert L., Brooklyn, N. Y. Container. 1,571,089; Jan. 26.
Carrasco-Sánchez, Manuel, Washington, D. C. Mechanical movement. 1,570,727; Jan. 26.
Carroll, John G., assignor to Walker Vehicle Company, Chicago, Ill. Axle for vehicles. 1,570,941; Jan. 26.
Carroll, John G., assignor to Walker Vehicle Company, Chicago, Ill. Brake construction. 1,570,942; Jan. 26.
Cartee, William R., Lakewood, Ohio. Game apparatus. 1,570,875; Jan. 26.
Case, Arthur F., assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Car dumper. 1,570,943; Jan. 26.
Case, J. I., Threshing Machine Company. (See Coburn, Ernest, assignor.)
Case, Robert W. (See Lavender, Samuel C., assignor.)
Celite Company, The. (See Boeck, Percy A., assignor.)
Celite Company, The. (See Eisenbast, Arthur S., assignor.)
Celite Company, The. (See Thatcher, Harry S., assignor.)
Chandler, Henry, Marysville, Mich. Valve follower. 1,570,728; Jan. 26.
Choate, Earl F. (See Steigh, J., and Choate.)
Chrysler Corporation. (See Kent, Philip J., assignor.)
Cincinnati Stamping Company, The. (See Krueger, Fred G., assignor.)
Cinq-Mars, Legendre, San Francisco, Calif. Gas furnace. 1,570,612; Jan. 26.
Cisco, George W., Hawthorne, N. J. Incubator. 1,570,944; Jan. 26.
Cisco, George W., Hawthorne, N. J., and J. F. MacKay, Lancaster, Pa. Incubator. 1,570,945; Jan. 26.
Clark, Henry F. (See Monro, W. L., Clark, and Pierce.)
Clark, Lester G., Montreal, Quebec, Canada, assignor, by mesne assignments, to The E. Z. Auto Washer Company, New Haven, Conn. Surface washer. 1,570,824; Jan. 26.
Clashing, Fred, Sacramento, Calif. Water-conserving system for gas-engine radiators. 1,571,043; Jan. 26.
Clausing, George, assignor to The Vulcan Last Company, Portsmouth, Ohio. Last. 1,570,613; Jan. 26.
Clausing, George, assignor to The Vulcan Last Company, Portsmouth, Ohio. Last. 1,570,614; Jan. 26.
Clausing, George, assignor to The Vulcan Last Company, Portsmouth, Ohio. Last. 1,570,615; Jan. 26.
Clements, Louis F., Kansas City, Mo. Advertising novelty. 1,570,729; Jan. 26.
Cleveland Crane & Engineering Company, The. (See Bennington, Earl T., assignor.)
Coburn, Ernest, assignor to J. I. Case Threshing Machine Company, Racine, Wis. Combination harvester thrasher. 1,570,825; Jan. 26.
Cochran, Frank A., et al. (See Wyatt, Alfred, assignor.)
Cochran, Samuel J., et al. (See Wyatt, Alfred, assignor.)
Coffman, Hurshel R., Independence, Kans. Starting-switch interlocking device. 1,570,616; Jan. 26.
Cohn, Samuel, New York, N. Y. Necktie-display stand. 1,570,946; Jan. 26.
Coll, Pete S. (See Whitney, F., and Coll.)
Columbian Bank Note Company. (See Bowers, Albert P., asignor.)
Columbian Enameling & Stamping Co. (See Topping, W., and Nelson, assignors.)
Compton, Arthur H., St. Louis, Mo., assignor to Westinghouse Lamp Company. Glass and article made therefrom. 1,570,876; Jan. 26.
Connell, Lawrence, jr., Portland, Oreg. Telegraphy. 1,570,877; Jan. 26.
Consolidated Machine Tool Corporation of America. (See Trosch, A., and Moreton, assignors.)
Cook, Pearl M., assignor of one-half to G. E. Rasmussen, Seattle, Wash. Vending machine. 1,570,993; Jan. 26.
Cook, William A., Mount Clemens, Mich. Spring-forming die. 1,570,994; Jan. 26.
Copeman, Lloyd G., Flint, Mich. Refrigerator manufacture. 1,570,617; Jan. 26.
Copony Auto Loading Company, et al., The. (See Michod, Charles L., assignor.)
Costantin, Henry B. (See Wright, L. E., and Costantin.)
Cotton, Walter H., Chicago, Ill. Pressing mechanism. 1,570,618; Jan. 26.
Cregier, Nathaniel B., assignor to Mills Novelty Company, Chicago, Ill. Automatic stringed instruments of the viol class. 1,570,947; Jan. 26.
Cribben & Sexton Company. (See Harter, August F., assignor.)
Crompton, Edwin C., assignor to The Rollaway Motor Company, Toledo, Ohio. Vehicle lamp control. 1,570,619; Jan. 26.
Crouch, James L., Summit, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Test fixture. 1,570,948; Jan. 26.
Crowell, Frank T., Dover, N. J. Mechanical delay element for fuses. 1,570,620; Jan. 26.
Crum, Emanuel L., Indianapolis, Ind. Hood latch. 1,570,621; Jan. 26.
Cumming, Gladys P., Windsor, Ontario, Canada. Toilet-article cabinet. Des. 69,310; Jan. 26.
Cunningham, Frank H., Youngstown, and H. W. Mosely, Struthers, Ohio. Metal-coating machine. 1,570,949; Jan. 26.
Curry, J. P., Mfg. Co. (See Foulder, Henry B., assignor.)
Curtiss, George E., assignor to Landers, Frary & Clark, New Britain, Conn. Jug. Des. 69,311; Jan. 26.
Da Costa, Arthur V., Providence, R. I., assignor, by mesne assignments, to Providence Press Machinery Co., Inc. Power press. 1,571,044; Jan. 26.
Danberg, Fred W., Toledo, Ohio. Article-setting-up means. 1,570,622; Jan. 26.

Danford, Burt W., Lansing, and E. E. Emshwiller, East Lansing, Mich. Valve structure. 1,570,878; Jan. 26.
Davey, George W. (See Waite, F. H., and Davey.)
Davis, Harry A. (See Stimpson, W. I., and Davis.)
Dawson, Claude I., Anderson, S. C. Motor-vehicle hood. 1,571,090; Jan. 26.
Dayton Malleable Iron Company, The. (See Calhoun, Lawrence V., assignor.)
Delano, Roy A., Eugene, Oreg. Ratchet mechanism. 1,570,730; Jan. 26.
De Lony, Knud, New Haven, assignor to J. Schlott, Greens Farms, Conn. Refrigeration. 1,570,995; Jan. 26.
Dennis, Samuel L., Norfolk, Va. Window frame. 1,571,045; Jan. 26.
Dennison, Roy K., East Machias, Me. Mechanical toy. 1,570,996; Jan. 26.
De Olaneta, Harold, assignor to Winchester Repeating Arms Company, New Haven, Conn. Apparatus for introducing paste into dry-cell cups. 1,570,916; Jan. 26.
De Zeng, Henry L., Geneva, N. Y., assignor to De Zeng Standard Company, Camden, N. J. Diagnostic instrument. 1,570,623; Jan. 26.
De Zeng Standard Company. (See De Zeng, Henry L., assignor.)
Diamant, Nicholas S., Jamestown, N. Y. Method and system for cooling internal-combustion engines. 1,571,108; Jan. 26.
Dixon, James W., Chicago, Ill., assignor, by mesne assignments, to The Fisk Rubber Company, Chicopee Falls, Mass. Cutting machine. 1,570,665; Jan. 26.
Doan, Gilbert E., Cleveland, Ohio. Joint plate for railway rails. 1,570,997; Jan. 26.
Doherty Research Company. (See Fisher, James P., assignor.)
Dominguez, Manuel D., New Orleans, La. Bumper for vehicles. 1,570,624; Jan. 26.
Donahoo, Anna B. (See Horswill, Milton J., assignor.)
Donnell, W. C., et al. (See Baldwin, James C., assignor.)
Dorneth, Julius, Konradshohe, near Tegel, Germany. Matrix-setting and type-bar-casting machine. 1,570,826; Jan. 26.
Dostal, Joseph L., and A. Anderson, assignors to E. Holley, Detroit, Mich. Extension bar. 1,570,950; Jan. 26.
Dour, Frederick J., Brooklyn, assignor to Prindor Sectional Rim Co., New York, N. Y. Sectional pneumatic-tire rim. 1,570,879; Jan. 26.
Dow Chemical Company, The. (See Hoy, J. E., and Best, assignors.)
Dowd, J. C. & Co. (See Weigel, Fred E., assignor.)
Downing, William J., Salisbury, Md. Tar burner. 1,570,951; Jan. 26.
Doyle, James J., administrator. (See Hayes, Albert.)
Draper Corporation. (See Rhoades, Alonzo E., assignor.)
Draper Corporation. (See Stimpson, W. I., and Davis, assignors.)
Drenovics, Andras, Tamasi, Hungary, assignor of one-fourth to J. Fabian and one-fourth to C. Szombathy, New York, N. Y. Padlock. 1,570,952; Jan. 26.
Dubendorf, Horace H. (See Dyer, Z. A., and Dubendorf.)
Dunkelsberg, Louis, New York, N. Y. Ophthalmic mounting. 1,570,880; Jan. 26.
Duff, Lee F., and G. Langhans, Los Angeles, Calif. Rotary display case. 1,570,731; Jan. 26.
Dyer, Zeb A., and H. H. Dubendorf, Long Beach, assignors to F. W. Huber, Riverside, Calif. Cup-packing gasket for oil-well-cementing plugs. 1,571,046; Jan. 26.
E. Z. Auto Washer Company, The. (See Clark, Lester G., assignor.)
Eagle Manufacturing Company. (See Ross, Hugh M., assignor.)
East, James V. T., Longmeadow, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Golf club. 1,571,109; Jan. 26.
Ebbesen, Mads P., Frederiksberg, near Copenhagen, Denmark. Packing material. 1,570,953; Jan. 26.
Ebert, Albert G. (See Ebert, William H., and A. G.)
Ebert, William H. and A. G., Buffalo, N. Y. Music indicator. 1,571,110; Jan. 26.
Eddins, Sextus A., Brockton, Mass. Garment clasp and making same. 1,570,625; Jan. 26.
Edelman, Morris, et al. (See Seifke, Herman A., assignor.)
Egger, Everett V., Elgin, Ill. Mold for building blocks and the like. 1,570,998; Jan. 26.
Egler, Nicholas F., Chicago, Ill. Regenerative furnace. 1,570,954; Jan. 26.
Elkins, Hubert A., Midkiff, W. Va. Gas regulator. 1,570,881; Jan. 26.
Ellis, George, assignor to Scammell China Company, Trenton, N. J. Plate or similar article. Des. 69,312; Jan. 26.
Ellisen, Luther A., Topeka, Kans. Burglarproof safe. 1,570,882; Jan. 26.
Eisenbast, Arthur S., New York, N. Y., assignor, by mesne assignments, to The Celite Company. Dehydrating liquids. 1,570,626; Jan. 26.
Emerson, Kenneth W., assignor to Hawaiian Pineapple Company, Limited, Honolulu, Hawaii. Vacuum indicator for sealed cans and the like. 1,570,732; Jan. 26.
Emshwiller, Errol E. (See Danford, B. W., and Emshwiller.)
Englund, Carl R., West Long Branch, and A. Haddock, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Loop antenna. Des. 69,313; Jan. 26.
Englund, Carl R., West Long Branch, and A. Haddock, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Loop antenna. Des. 69,314; Jan. 26.
Entwisle, Edward F., Steelton, Pa., assignor to Bethlehem Steel Company. Making rails. 1,570,999; Jan. 26.
Eschbach, Wilhelm, Troisdorf, near Cologne-on-the-Rhine, Germany. Electric time fuse for blasting cartridges. 1,570,733; Jan. 26.
Essex Motors. (See Whisler, Ralph H., assignor.)
Eustis, Grant B., et al., executors. (See Eustis, John P.)
Eustis, James W., et al., executors. (See Eustis, John P.)
Eustis, John P., deceased, Newton; J. W. Eustis, Cambridge; W. Eustis, Newton, G. B. Eustis, Watertown, and F. O. White, Brookline, Mass., executors. Article holder. 1,571,000; Jan. 26.
Eustis, Warner, et al., executors. (See Eustis, John P.)
Evans, Edwin J., and W. H. Barber, Salt Lake City, Utah. Pipe wrench. 1,570,627; Jan. 26.
Evans, Thomas F., Williams, Calif. Ironing board. 1,570,955; Jan. 26.
Everbrite Stove Company, The. (See Kise, William K., assignor.)
Everaman, Lewis W., Julesburg, Colo. Gate fastener. 1,570,734; Jan. 26.
Fabian, J., et al. (See Drenovics, Andras, assignor.)
Falcone, Sam, Cleveland, Ohio. Rail joint. 1,570,956; Jan. 26.
Farrior, James W., Warsaw, N. C. Attachment for supply tanks of automobiles. 1,571,111; Jan. 26.
Feldman, Joseph C., assignor to T. K. Feldman, New York, N. Y. Electric water heater. 1,570,827; Jan. 26.
Feldman, Tillie K. (See Feldman, Joseph C., assignor.)
Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Separable fastener. 1,571,001; Jan. 26.
Ferrodesherbeuse Scheuchzer Societe Anonyme. (See Scheuchzer, Auguste, assignor.)
Fine, Lewis. (See Schenck, C., Fine, and Ibach.)
Finney, James M. (See Schroeder, Anthony, assignor.)
Firm: Polte. (See Böttner, Arno, assignor.)
Fisher, James P., Bartlesville, Okla., assignor to Doherty Research Company, New York, N. Y. Apparatus for drilling oil wells. 1,570,828; Jan. 26.
Fisk Rubber Company, The. (See Dixon, James W., assignor.)
Flagstad, Cornell, Minneapolis, Minn., assignor of one-fourth to I. Sivertsen, one-fourth to J. P. Jacobsen, and one-fourth to O. Flagstad. Nailhead-spacing device. 1,570,735; Jan. 26.
Flagstad, Oscar, et al. (See Flagstad, Cornell, assignor.)
Flannery, Edward J. (See Adair, H. J., and Flannery.)
Flohr, Andrew, Colorado Springs, Colo. Saw guard. 1,570,628; Jan. 26.
Fluegel, Otto L., Birmingham, Mich. Composition of matter for a paint remover. 1,570,957; Jan. 26.
Folkman, Morris, assignor to The Morris Folkman-Shiffer Company, Cleveland, Ohio. Safety catch for badges. 1,570,883; Jan. 26.
Ford, Emery J., Everett, Wash. Illuminated register. 1,570,884; Jan. 26.
Forsyth, John A., Nemacolin, assignor of one-fourth to C. J. Smith, Uniontown, Pa. Loading machine. 1,570,829; Jan. 26.
Foss, David L. (See Foss, Leland L. and D. L., and Parrish.)
Foss, Leland L. and D. L., Pulaski, and C. H. Parrish, Statesboro, Ga. Automatic signal for railway crossings. 1,570,629; Jan. 26.
Foss, William D., Bell, Calif. Sash holder. 1,570,885; Jan. 26.
Foster, Clarence C., Covington, Ky. Heel for boots and shoes. 1,571,112; Jan. 26.
Foulder, Henry B., Glenbrook, assignor to J. P. Curry Mfg. Co., Inc., Stamford, Conn. Wire-tying tool. 1,570,630; Jan. 26.
Fournier, Albert A., Ottawa, Ontario, Canada. Cuff. 1,570,736; Jan. 26.
Franck, Maurice. (See Lutton, William J., assignor.)
Frantz Manufacturing Co. (See Frantz, Peter, assignor.)
Frantz, Peter, assignor to Frantz Manufacturing Co., Sterling, Ill. Door hanger and track construction. 1,570,958; Jan. 26.
Fred Goat Company. (See Johnson, Axel V., assignor.)
French, George F., Manchester, England. Belt or like tensioning and fastening appliance. 1,571,113; Jan. 26.
French, Hamman L., Piedmont, Tenn. Adjustable fan-belt pulley. 1,571,047; Jan. 26.
Fulton, William H., Irvington, and H. Shellmer, Newark, N. J., assignor, by mesne assignments, to Titeflex Metal Hose Co. Flexible tube. 1,570,886; Jan. 26.
Furler, John, Williamsburg, Iowa. Hay-loader coupler. 1,570,737; Jan. 26.
Fuss, Max, Berlin, Germany, assignor to Meyer-Keller & Cie., Lucerne, Switzerland. Regulable electrical steam boiler. 1,571,165; Jan. 26.
G & W Electric Specialty Co. (See Williams, Paul F., assignor.)
Gammeter, John R. (See Beyea, Frank H., assignor.)

Gargan, John O., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Tube mounting. 1,570,959; Jan. 26.
Garisio, Theodore J., Allentown, Pa. Doup. 1,570,738; Jan. 26.
Garisio, Theodore J., Allentown, Pa. Shuttle attachment. 1,571,114; Jan. 26.
Garrabrant, Joseph E. (See Wallace, William C., assignor.)
Garrow, James R., assignor, by mesne assignments, to Novocrete & Cement Products Company Limited, London, England. Treatment of fibrous materials. 1,571,048; Jan. 26.
Gatchell, Frederick D., New York, N. Y. Multi-unit package. 1,571,049; Jan. 26.
Gately, Michael F., and F. N. Wells, Westpoint, Nebr. Boxing-glove attachment. 1,570,960; Jan. 26.
Gauger, Alfred W., and H. H. Storch, Westend, Calif., assignors to Burnham Chemical Company, Reno, Nev. Recovering borax from saline liquors. 1,571,002; Jan. 26.
Genaille, Alexandre, Ridgefield Park, N. J. Smoker's accessory. 1,571,003; Jan. 26.
General Fire Extinguisher Company. (See Rose, H. E., and Loepsinger, assignors.)
Geppert, Joseph, assignor to The Mantle Lamp Company of America, Chicago, Ill. Wick. 1,570,666; Jan. 26.
Gerling, Henry H. (See Wesolik, Joseph, assignor.)
Gerns, William H., East Orange, assignor, by mesne assignments, to Brandes Laboratories, Inc., Newark, N. J. Electromagnetic driving apparatus. 1,571,050; Jan. 26.
Gibbons, Willis A. (See Hopkinson, E., and Gibbons.)
Gibson, Angus H., assignor to Gibson Products Co., Salt Lake City, Utah. Snubber for vehicles. 1,571,156; Jan. 26.
Gibson, Guy T., New Rochelle, N. Y. Perfume bottle. Des. 69,315; Jan. 26.
Gibson, Guy T., New Rochelle, N. Y. Perfume bottle. Des. 69,316; Jan. 26.
Gibson, Guy T., New Rochelle, N. Y. Perfume bottle. Des. 69,317; Jan. 26.
Gibson Products Co. (See Gibson, Angus H., assignor.)
Gilliland, John R. and W. J., San Francisco, Calif. Polishing attachment for portable vacuum cleaners. 1,570,739; Jan. 26.
Gilliland, William J. (See Gilliland, John R. and W. J.)
Goertz, August, & Co. (See Goertz, August, assignor.)
Goertz, August, Newark, N. J., assignor to August Goertz & Co. Lock for a suitcase or similar article. Des. 69,318; Jan. 26.
Goertz, August, Newark, N. J., assignor to August Goertz & Co. Lock for a suitcase or similar article. Des. 69,319; Jan. 26.
Golden, Samuel, New York, N. Y. Hull for vessels. 1,570,961; Jan. 26.
Goldstein, Milton J. (See Wehr, Arthur J., assignor.)
Gootherts, Louis, San Francisco, Calif. Mahlstick. 1,571,115; Jan. 26.
Gormley, Frank L., Brookline, Mass., assignor to The Buda Company, Harvey, Ill. High-speed lifting jack. 1,570,962; Jan. 26.
Graefenecker, Michael A. (See Harden, W. H., and Graefenecker.)
Gragert, Charles, Ada, Minn. Crossing signal. 1,571,051; Jan. 26.
Graves, William B., Kingman, Ariz. Pipe connection. 1,570,887; Jan. 26.
Gray, Arthur W., Pueblo, Colo. Dirigible headlight. 1,570,888; Jan. 26.
Gray, Reuben G., Canterbury, near Sydney, New South Wales, Australia. Race-starting machine. 1,571,168; Jan. 26.
Greathouse, Herman T., Lexington, Ky. Releasing device for livestock. 1,570,889; Jan. 26.
Green, Charles E., London, and K. S. Stevenson, Kensington, London, England. Tea, coffee, and like pot. 1,571,116; Jan. 26.
Green, Leslie P. (See Knoblauch, Curt G., assignor.)
Greer, Jesse W., Cambridge, Mass. Coating and drying machine. 1,571,052; Jan. 26.
Grieb, Alfred, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing-machine loop taker. 1,570,667; Jan. 26.
Griffin Wheel Company. (See Wickland, A. A., and Vial, assignors.)
Griffith, Vernia E., Lodi, Calif. Oil-pump attachment for gas engines. 1,570,668; Jan. 26.
Guttman, Herman H. and S., Brooklyn, N. Y. Snap fastener. 1,571,117; Jan. 26.
Guttman, Sigmund. (See Guttman, Herman H. and S.)
H. & B. American Machine Company. (See Brown, James Y., assignor.)
Haddock, Arthur. (See Englund, C. R., and Haddock.)
Hagey, Marvin A., and L. T. McKee, Los Angeles, Calif. Automatic water control. 1,570,830; Jan. 26.
Hall, Frank W., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 1,570,890; Jan. 26.
Hall, James W., Brighton, assignor to The Moore Pen Company, Boston, Mass. Electric-light globe. Des. 69,320; Jan. 26.
Hallwood, Anthony J. (See Lefebure, V., and Hallwood.)
Hamblin, Ed. jr., Woodward, Okla. Composition of matter for use in the treatment of fabrics. 1,570,740; Jan. 26.
Hamilton, Young C., Fort Worth, Tex. Candy or merchandise display box. 1,570,963; Jan. 26.
Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Air-feed control for stopers. 1,570,964; Jan. 26.
Hanson, Bengt M. W., deceased, Hartford, Conn.; E. A. Hanson and C. E. Whitney, executors. Measuring device. 1,570,831; Jan. 26.
Hanson, Elnar A., et al., executors. (See Hanson, Bengt M. W.)
Harden, William H., Brooklyn, and M. A. Graefenecker, New York, N. Y., assignors to American Telephone and Telegraph Company. Testing system for machine switching circuits. 1,570,741; Jan. 26.
Harrington, William H., assignor to The Arrow Electric Company, Hartford, Conn. Attachment-plug base Des. 69,321; Jan. 26.
Harris, Herbert. (See Capelle, A., and Harris.)
Harris, John, Lakewood, Ohio. Blowpipe. 1,571,004; Jan. 26.
Harter, Augustus F., Oak Park, assignor to Cribben & Sexton Company, Chicago, Ill. Gas range. 1,571,053; Jan. 26.
Hartford-Empire Company. (See Mulholland, Vergil, assignor.)
Hartley, Ralph V. L., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Secret signaling. 1,571,005; Jan. 26.
Hartley, Ralph V. L., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,571,006; Jan. 26.
Hasselberg, Jens, Klamath Falls, Oreg. Power steering mechanism for logging trucks. 1,570,832; Jan. 26.
Hattie, James A., Ewa, Hawaii. Nut for guitars. 1,571,118; Jan. 26.
Hauvette-Michelin, Jules, New Brunswick, assignor to Michelin Tire Company, Milltown, N. J. Tire tread. Des. 69,322; Jan. 26.
Hawaiian Pineapple Company. (See Emerson, Kenneth W., assignor.)
Hayes, Albert, New York, N. Y., assignor to G. F. McKay, Newark, N. J.; J. J. Doyle administrator of G. F. McKay, deceased. Mechanical movement. 1,571,007; Jan. 26.
Heinzelman, Chester A., Belleville, Ill. Die for die casting. 1,570,669; Jan. 26.
Helbert, John T., Broadway, Va. Fishing tool for wells. 1,570,833; Jan. 26.
Herminghuysen, Crist, Van Wert, Ohio. Bunching attachment for mowing machines. 1,570,965; Jan. 26.
Hess, Victor F., Orange, and E. D. Leman, East Orange, N. J., assignors to United States Radium Corporation. Method of and apparatus for purification of radium emanation. 1,570,834; Jan. 26.
Heuser, Herman, Chicago, Ill. Utilizing corncobs. 1,570,891; Jan. 26.
Hewitt, Frank M., Oakland, Calif. Shoveling machine. 1,570,835; Jan. 26.
Hilfman, Harry. (See Villaret, Gustave E., assignor.)
Hill, Walter A., assignor to R. R. Watson, Columbus, Ohio. Washtub attachment. 1,570,892; Jan. 26.
Hilpert, Meier G., Bethlehem, Pa., assignor, by mesne assignments, to Bethlehem Steel Company. Railfastening means. 1,571,008; Jan. 26.
Hines, Posie L. (See Brumfield, Thomas R., assignor.)
Hobbs, Douglas B., Cleveland, Ohio, assignor to Aluminum Company of America. Making aluminum-silicon alloy castings. 1,570,893; Jan. 26.
Hoffmeier, Arthur S., Jeannette, Pa. Tie. 1,571,119; Jan. 26.
Hofman, Wincenty, South Chicago, Ill. Flying machine. 1,570,742; Jan. 26.
Holley, Earl. (See Dostal, J. L., and Anderson, assignors.)
Hollis, Frederick B., London, England. Golf tee. 1,570,743; Jan. 26.
Holman, Charles B., assignor to O. F. Simpson, Eureka, Calif. Hasp. 1,570,836; Jan. 26.
Holmes, William K., Brooklyn, N. Y. Pencil. 1,571,120; Jan. 26.
Holzer, Hiram A., assignor to United Iron Works, Inc., Kansas City, Mo. Long-wall conveyer. 1,571,009; Jan. 26.
Homan, Walter A., Denver, Colo. Copyholder. 1,570,744; Jan. 26.
Homestead Valve Manufacturing Company. (See Trinks, Willibald, assignor.)
Hood Rubber Company. (See Perrault, Joseph E., assignor.)
Hopkins, Morton K., assignor to J. L. Kennedy, Chicago, Ill. Fusible link. 1,570,894; Jan. 26.
Hopkinson, Ernest, New York, and W. A. Gibbons, Little Neck, N. Y., assignors to Revere Rubber Company, Chelsea, Mass. Making articles of various shapes directly from solutions or suspensions of rubber, and to the articles so obtained. 1,570,895; Jan. 26.
Horswill, Milton J., Alameda, Calif. Electric water heater. 1,570,670; Jan. 26.

Hosenfeld, Martin, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Removing silica from ore leaches. 1,571,054; Jan. 26.
Howard, Charles P., assignor to James L. Howard and Company, Hartford, Conn. Baggage rack for railway passenger cars. 1,570,631; Jan. 26.
Howard, James L., and Company. (See Howard, Charles P., assignor.)
Hoy, John E., and N. A. Best, assignors to The Dow Chemical Company, Midland, Mich. Piston. 1,570,837; Jan. 26.
Huber, Frederick W. (See Dyer, Z. A., and Dubendorf, assignors.)
Humphreys, Robert, San Francisco, Calif. Cake-dropping machine. 1,571,121; Jan. 26.
Hutchins, Melvin M., St. Paul, Minn. Oil-gauge-testing device. 1,571,055; Jan. 26.
Hutchinson, Frank L., Wauwatosa, assignor, by mesne assignments, to Milwaukee Valve Company, Milwaukee, Wis. Valve. 1,571,176; Jan. 26.
Hutton, Ernest, Fairmont, W. Va. Blasting cartridge. 1,571,122; Jan. 26.
Hutton, Ernest, Fairmont, W. Va. Blasting gun. 1,571,123; Jan. 26.
Ibach, Emil. (See Schenck C., Fine, and Ibach.)
Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)
International Time Recording Company of New York. (See Larrabee, Clinton E., assignor.)
Ivins, Raymond W., Battle Creek, Mich. Gear-shifting mechanism. 1,570,745; Jan. 26.
Jackman, Charles, assignor of one-half to P. E. Selby, Portsmouth, Ohio. Shoe-sole trimmer. 1,570,838; Jan. 26.
Jackson, James M., Parkersburg, W. Va. Shackle-bolt and spring lubricating means. 1,570,746; Jan. 26.
Jacobsen, John P., et al. (See Flagstad, Cornell, assignor.)
Jaeger, Walter, and H. Potatock; said Jaeger assignor to C. Bullinger, Chicago, Ill. Cigar box. 1,570,896; Jan. 26.
Janes & Kirtland, Inc. (See Janes, Henry E., assignor.)
Janes, Henry E., Pelham Manor, assignor to Janes & Kirtland, Inc., New York, N. Y. Ironing board. 1,570,671; Jan. 26.
Jessup, Wardlow M., Clinton, Iowa. Bottle stopper. 1,570,672; Jan. 26.
Jewett, Ralph, Elmora, Pa. Combination shade and curtain holder. 1,570,747; Jan. 26.
Joaquin, Jose, San Jose, Calif. Roof tile. 1,570,839; Jan. 26.
Johns, Sam, Detroit, Mich. Parking light. 1,570,673; Jan. 26.
Johnson, Axel V., assignor to Fred Goat Company, Brooklyn, N. Y. Preventing backlash in rounding and backing machines. 1,570,840; Jan. 26.
Johnson, Boyd M., Metuchen, N. J., assignor to The Carborundum Company, Niagara Falls, N. Y. Heat exchanger. 1,570,674; Jan. 26.
Johnson, Elmer A. (See Butler, M. J., and Johnson.)
Johnson, Joseph A., Niagara Falls, N. Y. Dynamo-electric machine. 1,570,675; Jan. 26.
Johnstone, Robert M. (See Cameron, J. A., and Johnstone.)
Jones, Edmund H., Milwaukee, assignor to Milwaukee Corrugating Company, Greenfield, Wis. Fastening for plaster terminals. 1,570,676; Jan. 26.
Jones, Edwin S. (See Oeschger, J. P., and Jones.)
Julstedt, Clas J., assignor to Bethlehem Steel Company, Bethlehem, Pa. Self-cocking firing mechanism. 1,570,677; Jan. 26.
Kalbfleisch Corporation, The. (See Kast, Harry A., assignor.)
Kalkanis, James N., Detroit, Mich. Candy-making machinery. 1,570,748; Jan. 26.
Kanegafuchi Boseki Kabushiki Kwaisha. (See Kobori, Kihachiro, assignor.)
Kantarski, Frank B. (See Lijeski, Anton, assignor.)
Karnatz, William, Bismarck, N. Dak. Flower box. 1,570,841; Jan. 26.
Karsh, Alexander, New York, N. Y. Stand for silverware or similar article. Des. 69,323; Jan. 26.
Kast, Harry A., Elmhurst, assignor to The Kalbfleisch Corporation, New York, N. Y. Carboy. 1,570,678; Jan. 26.
Keller, Hugo F., Oneida, N. Y. Tool for removing shackle bolts. 1,570,749; Jan. 26.
Keller, John F., Philadelphia, Pa. Decapitating, cutting, and cleaning machine. 1,571,169; Jan. 26.
Kelly, Michael W., Rochester, N. Y. Shoe-horn-pulling machine. 1,570,679; Jan. 26.
Kendall, Burton W., assignor to Western Electric Company, Incorporated, New York, N. Y. Secret signaling. 1,571,010; Jan. 26.
Kendall, Burton W., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Secret signaling. 1,571,011; Jan. 26.
Kennedy, John L. (See Hopkins, Morton K., assignor.)
Kent, Arthur A., Ardmore, Pa. Ignition apparatus. 1,570,680; Jan. 26.
Kent, Philip J., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lamp front frame. Des. 69,324; Jan. 26.
Kent, Philip J., assignor to Chrysler Corporation, Detroit, Mich. Automobile parking lamp. Des. 69,325; Jan. 26.
Keuser, Emanuel, sr., Palmyra, N. J. Antirattler for windows. 1,571,012; Jan. 26.
Kevari, Matti I., Bessemer, Mich. Windshield cleaner. 1,570,842; Jan. 26.
Kideney, Robert J., Buffalo, N. Y. Device for catching and throwing balls. 1,570,632; Jan. 26.
Kirkham, Walter J., Helena, Ark. Seat for flush valves. 1,570,681; Jan. 26.
Kise, William K., assignor to The Everbrite Stove Company, Kansas City, Mo. Oil burner. 1,570,966; Jan. 26.
Kling, Ferdinand R., New York, N. Y. Cardboard box for men's hats. 1,570,682; Jan. 26.
Knoblauch, Curt G., Park Ridge, assignor to L. P. Green, Chicago, Ill. Screening device. 1,570,897; Jan. 26.
Kobori, Kihachiro, Kobe, assignor to Kanegafuchi Boseki Kabushikt Kwaisha, Tokyo, Japan. Apparatus for drying live cocoons and the like. 1,570,843; Jan. 26.
Kohn, Milton M., New York, N. Y. Gas burner. 1,570,683; Jan. 26.
Kokomo Automotive Manufacturing Company. (See Albright, Neil T., assignor.)
Kolko, Aron, Colombes, France. Mixing valve for air and combustion gases. 1,571,124; Jan. 26.
Koppers Company, The. (See Van Ackeren, Joseph, assignor.)
Krause, Arthur R., Woodhaven, N. Y., assignor to The Lion Electric Manufacturing Co., Inc. Backplate for lighting fixtures. Des. 69,326; Jan. 26.
Krause, Arthur R., Woodhaven, N. Y., assignor to The Lion Electric Manufacturing Co., Inc. Lighting fixture. Des. 69,327; Jan. 26.
Krause, Arthur R., Woodhaven, N. Y., assignor to The Lion Electric Manufacturing, Co., Inc. Chandelier. Des. 69,328; Jan. 26.
Krause, Arthur R., Woodhaven, N. Y., assignor to The Lion Electric Manufacturing Co., Inc. Ceiling lighting fixture. Des. 69,329; Jan. 26.
Krenzler, Gustav, Barmen, Germany. Coupling for single-thread lace-braiding machines. 1,571,056; Jan. 26.
Kroll, Waldemar, Philadelphia, Pa., assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Chain and lock therefor. 1,571,057; Jan. 26.
Krueger, Fred G., Norwood, assignor to The Cincinnati Stamping Company, Cincinnati, Ohio. Scale. 1,570,967; Jan. 26.
Krum, Howard L., assignor, by mesne assignments, to Morkrum-Kleinschmidt Corporation, Chicago, Ill. Printing-telegraph receiver. 1,570,633; Jan. 26.
Kuellmer, Fay L., Denver, Colo. Elastic threading and fastening device. 1,570,844; Jan. 26.
Kuhn, Frank, and L. H. Thomas, assignors to American Electrical Heater Company, Detroit, Mich. Grinding and polishing machine. 1,570,684; Jan. 26.
Kurtz, Roberto, Buenos Aires, Argentina. Road scraper. 1,570,845; Jan. 26.
Kussner, Israel, New York, N. Y. Steeplechase game. 1,570,846; Jan. 26.
Lake, Walter S., Kansas City, Mo. Belt fastener. 1,570,750; Jan. 26.
Lally, John, Boston, Mass. Fireproof building construction. 1,571,091; Jan. 26.
Lally, John, Great Neck, N. Y. Connection for building columns. 1,571,092; Jan. 26.
Lally, John, Great Neck, N. Y. Connection for building columns. 1,571,093; Jan. 26.
Landers, Frary & Clark. (See Curtiss, George E., assignor.)
Landis, Ulrich F., Kiowa, Kans. Concave for thrashing machines. 1,570,898; Jan. 26.
Langhans, George. (See Duff, L. F., and Langhans.)
Langley, Earle A., Detroit, Mich., assignor to Sees-All Mfg. Co., Seattle, Wash. Rear-view mirror. 1,570,751; Jan. 26.
Lannas, Nikitas, Peabody, Mass. Permutation lock. 1,571,125; Jan. 26.
Larrabee, Clinton E., Binghamton, assignor to International Time Recording Company of New York, Endicott, N. Y. Time-controlled device for dampers, valves, and the like. 1,570,685; Jan. 26.
Latta, John S. (See Renwick, Frederick W., assignor.)
Laukel, Arthur K., Detroit, Mich. Denosited-metal pattern and method of making it. 1,570,634; Jan. 26.
Laukel, Arthur K., Detroit, Mich. Production of deposited-metal patterns and metal pattern produced by such method. 1,570,635; Jan. 26.
Lavender, Samuel C., Pickens, assignor of one-fourth to R. W. Case, Wright City, Okla. Adjustable clevis. 1,570,847; Jan. 26.
Lawson, Oscar L., Lynn, Mass. Tack-driving device. 1,570,686; Jan. 26.
Ledgers Limited. (See Myatt, John W., assignor.)
Ledic, Richard G., assignor to A. Mecky Company, Philadelphia, Pa. Combined bicycle and scooter. 1,571,013; Jan. 26.
Leedy Manufacturing Company. (See Strupe, Cecil H., assignor.)
Lefebure, Victor, and A. J. Hallwood, Manchester, assignors to British Dyestuffs Corporation Limited, Manchester, Lancashire, England. Compound for accelerating the vulcanization of caoutchouc. 1,570,752; Jan. 26.

Lehr, Charles E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Mold compound. 1,571,014; Jan. 26.
Leighton, Herbert J., assignor to Brown-Lipe Gear Company, Syracuse, N. Y. Friction clutch for motor vehicles. 1,571,015; Jan. 26.
Leman, Edwin D. (See Hess, V. F., and Leman.)
Lengersdorff, Nicola, Dresden, Germany. Kiln and like structure and heat treatment. 1,571,058; Jan. 26.
Lesser, Albert D., New York, N. Y. Sports trousers. 1,571,016; Jan. 26.
Lester, Thomas H., Highland Park, Ill. Snap fastener. 1,571,017; Jan. 26.
Lewis Electric Mfg. Co. (See Lewis, James N., assignor.)
Lewis, James N., Detroit, Mich., assignor to Lewis Electric Mfg. Co. Inc. Thermal switch for electric irons. 1,570,687; Jan. 26.
Lewis, Max, et al. (See Selfke, Herman A., assignor.)
Lichtentag, Hortense, deceased; R. Paskin, administratrix, assignor to herself and L. Paskin, a Copartnership doing business as Paris Laboratories, New York. N. Y. Toilet article. 1,570,688; Jan. 26.
Lieberthal, Robert H., assignor to The All-In-One Manufacturing Company, Incorporated, Bridgeport, Conn. Collapsible tube. 1,570,900; Jan. 26.
Lijeski, Anton, assignor of one-half to F. B. Kantorski, Milwaukee, Wis. Thermostatic valve. 1,570,899; Jan. 26.
Lion Electric Manufacturing Co., The. (See Krause, Arthur R., assignor.)
Lipman, Carl E. L., assignor to Lipman Refrigerator Car & Manufacturing Company, Beloit, Wis. Sharp freezer. 1,571,018; Jan. 26.
Lipman Refrigerator Car & Manufacturing Company. (See Lipman, Carl E. L., assignor.)
Livingston, Martin E., Livingston, Tenn. Stretcher. 1,571,126; Jan. 26.
Ljungström, Fredrik, Brevik, Lidingon, assignor to Aktiebolaget Ljungströms Angturbin, Stockholm, Sweden. Blower for cleaning air-cooled condensers or the like. 1,571,127; Jan. 26.
Lloyd, William C., Montreal, Quebec, Canada, assignor, by mesne assignments, to Simmons Company, Kenosha, Wis. Method of and apparatus for making mattresses. 1,570,848; Jan. 26.
Loepsinger, Albert J. (See Rose, H. E., and Loepsinger.)
Loewe, Siegmund, Berlin, Germany, assignor to Western Electric Company, Incorporated, New York, N. Y. Amplifying system. 1,570,901; Jan. 26.
Logan, Henry H., Chicago, Ill. Hoist-control unit. 1,570,753; Jan. 26.
Looney, William E., Detroit, Mich. Engine. 1,570,902; Jan. 26.
Louderback, George B., Compton, Calif. Well tool. 1,570,754; Jan. 26.
Loynes, Owen H., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Radio ringing system. 1,570,755; Jan. 26.
Lucas, Edmund B., Madioen, Java. Thrashing machine. 1,571,128; Jan. 26.
Lucas, Rose J. H., East Orange, N. J. Nonglare transparent shade for automobiles and other vehicles. 1,571,019; Jan. 26.
Luckhoff, Louis, Fenton, Ohio. Folding seat. 1,571,129; Jan. 26.
Lutton, William J., assignor of one-half to M. Franck, Paterson, N. J. Pattern mechanism for looms. 1,570,903; Jan. 26.
Lykken, Henry G. (See Wilson, W. E., and Lykken.)
Lynn, John M., Elkhart, Tex. Rodent trap. 1,571,130; Jan. 26.
Lyons, Jacob W., Morrisonville, Ill. Cultivator. 1,570,689; Jan. 26.
MacKay, John F. (See Cisco, G. W., and MacKay.)
MacKenzie, Alexander C., et al. (See Sweeney, David, assignor.)
Maedke, Frank A., and C. M. Raithel, Portland, Oreg. Boiler. 1,570,760; Jan. 26.
Magie, Morton H., Los Angeles, Calif. Tool-feeding means for drilling rigs. 1,570,756; Jan. 26.
Magie, Morton H., Los Angeles, Calif. Drilling-line support. 1,570,757; Jan. 26.
Malzahn, John, Westpoint, Nebr. Traction wheel. 1,570,758; Jan. 26.
Manley, Raymond H., Cottonwood, Ariz. Toy vehicle. 1,570,849; Jan. 26.
Mantle Lamp Company of America, The. (See Geppert, Joseph, assignor.)
Mapel, Lewis A., assignor to The Automatic Appliance Company, St. Louis, Mo. Indicating instrument. 1,570,691; Jan. 26.
Marchessenault, Joseph R., assignor to The American Tube and Stamping Company, Bridgeport, Conn. Lifting jack. 1,571,132; Jan. 26.
Marks, Herbert E., Sewickley, Pa. Roof or floor construction. 1,570,904; Jan. 26.
Marks, Myer M., Chicago, Ill. Lighting fixture. 1,570,759; Jan. 26.
Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Door buffer. 1,570,692; Jan. 26.
Martell, John, New York, N. Y. Pick holder for fretted musical instruments. 1,570,905; Jan. 26.
Martin, Jerome B., Granite, Okla. Stalk cutter. 1,570,850; Jan. 26.
Martin, Ollie M., Bloomington, Ind. Cultivator. 1,570,968; Jan. 26.
Mayer, Friedrich, Solingen, Germany. Manufacturing coating for permanent metal molds. 1,570,969; Jan. 26.
McCall, Eugene G., Buffalo, N. Y. Assembling apparatus. 1,571,157; Jan. 26.
McClatchie, Stanley, Cambridge, Mass., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Attachment plug. 1,570,690; Jan. 26.
McCord, Rhey, St. Louis, Mo. Device for advertising and promoting the sale of an article or material. 1,570,906; Jan. 26.
McCormack, Anthony J., New Haven, Conn. Irrigated brush. 1,570,761; Jan. 26.
McGowan, William D., Jersey City, N. J. Crystal detector for wireless telephony and telegraphy. 1,571,020; Jan. 26.
McIntosh, Clayton A., Greybull, Wyo. Folding drawing table. 1,571,131; Jan. 26.
McKay, George F. (See Hayes, Albert, assignor.)
McKee, Loren T. (See Hagey, M. A., and McKee.)
McKee, Neal T., Mount Vernon, assignor to The Superheater Company, New York, N. Y. Steam separator. 1,570,907; Jan. 26.
McLeod, Margaret, et al. (See Sweeney, David, assignor.)
McTigue, Francis H., Holyoke, Mass. Door hanger. 1,570,762; Jan. 26.
Mecky, A., Company. (See Ledig, Richard G., assignor.)
Meilland, Andrew, Buffalo, N. Y. Life-preserving suit. 1,570,636; Jan. 26.
Mellor, John, Bay Head, N. J. Safety approach to railway crossings. 1,571,166; Jan. 26.
Meloche, Daniel H. (See Udale, S. M., and Meloche.)
Mendel, Hugo, Baton Rouge, La. Brake-beam hanger. 1,571,133; Jan. 26.
Merco Nordstrom Valve Company. (See Nordstrom, Sven J., assignor.)
Merrick, Frank W. (See Wright, W. C., and Merrick.)
Merz, Gottlieb, McKeesport, Pa. Shock absorber. 1,570,908; Jan. 26.
Metals Production Company of North America, Incorporated. (See Perkins, Walter G., assignor.)
Metcalfe, Thomas C., Bowsman River, Manitoba, Canada. Tire armor. 1,570,851; Jan. 26.
Meyer-Keller & Cie. (See Fuss, Max, assignor.)
Meyer, Peter, Newark, N. J. Drilling machine. 1,571,021; Jan. 26.
Michelin Tire Company. (See Hauvette-Michelin, Jules, assignor.)
Michod, Charles L., Chicago, Ill., assignor, by mesne assignments, of one-half to The Studebaker Corporation, South Bend, Ind., and one-half to The Copony Auto Loading Company, Detroit, Mich. Vehicle shipping bracket. 1,570,694; Jan. 26.
Milar, James J., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Expansion joint. 1,570,970; Jan. 26.
Miller, Adolph, Kirkwood, Mo. Metallic composition and making the same. 1,570,763; Jan. 26.
Miller, Henry J., Kansas City, Mo. Automatic shocking machine. 1,570,764; Jan. 26.
Miller, Walter H., Richmond, Va. Baffle section for hot-water heaters. 1,570,852; Jan. 26.
Mills, Bertie E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Motor-controlling means. 1,570,911; Jan. 26.
Mills, Fred L., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Slot-guard device. 1,570,909; Jan. 26.
Mills, Fred L., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Latch-controlling device for coin-controlled machines. 1,570,910; Jan. 26.
Mills Novelty Company. (See Cregier, Nathaniel B., assignor.)
Mills Novelty Company. (See Mills, Bertie E., assignor.)
Mills Novelty Company. (See Mills, Fred L., assignor.)
Milwaukee Corrugating Company. (See Jones, Edmund H., assignor.)
Milwaukee Valve Company. (See Hutchinson, Frank L., assignor.)
Miner, W. H., Inc. (See Brenne, Arild M., assignor.)
Mittinger, George E., Cleveland, Ohio. Paint pail and clamping ring therefor. 1,571,134; Jan. 26.
Moise, Harmon D., assignor to Sumter Super-Siphon Company, Sumter, S. C. Automatic flushing apparatus. 1,571,135; Jan. 26.
Molloy, Francis F., Montreal, Quebec, Canada. Vending machine. 1,571,167; Jan. 26.
Monitor Controller Company. (See Whittingham, George H., assignor.)
Monro, William L., assignor to Window Glass Machine Company, Pittsburgh, Pa. Glass-drawing apparatus. 1,570,695; Jan. 26.
Monro, William L., Pittsburgh, H. F. Clark, Oakmont, and L. J. Pierce, assignors to Window Glass Machine Company, Pittsburgh, Pa. Manufacture of glass cylinders. 1,570,853; Jan. 26.
Moore Pen Company, The. (See Hall, James W., assignor.)
Moore, Roswell A., Waterbury, Conn., and S. Byer, New York, N. Y. Pocket for bathing belts. 1,570,696; Jan. 26.

Moore, Samuel, jr., Wilmington, Del. Shaving brush. 1,571,136; Jan. 26.
Moore, Thomas F., Morris Plains, N. J. Well point. 1,570,697; Jan. 26.
Moorhead, Albert E., San Francisco, Calif. Toy. 1,570,698; Jan. 26.
Moorman, Francis E., Guthrie, Okla. Shooting device. 1,570,699; Jan. 26.
Morel, Theodore O., Tutaki, New Zealand. Rim contracting and expanding tool. 1,570,971; Jan. 26.
Moreton, George W. (See Trosch, A., and Moreton.)
Morkrum-Kleinschmidt Corporation. (See Krum, Howard L., assignor.)
Morris Folkman-Shiffer, The. (See Folkman, Morris, assignor.)
Moscini, John, Brooklyn, assignor to Oval Match Company, Inc., New York, N. Y. Paper-match machine. Re16,256; Jan. 26.
Moseley, Harry W. (See Cunningham, F. H., and Moseley.)
Moskowitz, Benjamin, New York, N. Y. Underwaist. 1,570,912; Jan. 26.
Mover, Charles L., Chicago, Ill. Snap switch. 1,570,913; Jan. 26.
Mulholland, Vergil, West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method and apparatus for annealing glassware. 1,571,137; Jan. 26.
Müller, Friedrich, Vienna, Austria. Starting mechanism for internal-combustion engines. 1,570,914; Jan. 26.
Müller, Max, Rastatt, assignor to Thaleswerk m. b. H., Rastatt, Baden, Germany. Calculating machine provided with two counters. 1,570,765; Jan. 26.
Murakami, Rin N., Milwaukee, assignor to H. W. Bolens, Port Washington, Wis. Valve adjuster. 1,570,700; Jan. 26.
Murray, John, London, England. Rotary stamping press for bookbinders' use. 1,571,059; Jan. 26.
Murphy, John H., Lowell, Mass. Toilet apparatus. 1,570,766; Jan. 26.
Myatt, John W., assignor to Ledgers Limited, Tipton, England. Loose-leaf book or binder. 1,570,767; Jan. 26.
Myers, Frederick H., Barberton, Ohio. Strainer. 1,571,138; Jan. 26.
Nakagawa, Schoichi, San Jose, Calif. Sun and rain shield for automobiles. 1,570,701; Jan. 26.
Nathan, Edwin B., Mount Vernon, and F. Nathan, New York, N. Y. Curtain window. 1,570,768; Jan. 26.
Nathan, Frank. (See Nathan, Edwin B. and F.)
National Malleable and Steel Castings Company. (See Bossert, Edward, assignor.)
Naumburg, Robert E., Winchester, Mass. Full-can-changer stop mechanism. 1,571,060; Jan. 26.
Nelson, Andrew W. (See Topping, W., and Nelson.)
Nelson, Charles G., assignor to Zouri Drawn Metals Company, Chicago Heights, Ill. Metal window sash. 1,570,702; Jan. 26.
Nelson, George W., assignor to The Standard Sewing Machine Company, Cleveland, Ohio. Stop mechanism for sewing machines. 1,570,769; Jan. 26.
Nelson, Leigh G., Chicago, Ill. Food cover. 1,571,061; Jan. 26.
Newport, Daniel O., Columbus, Ohio. Rail joint. 1,570,703; Jan. 26.
Nisbet, Nicholas. (See Thomson, T., and Nisbet.)
No-Dust Drying Machine Co. (See Warren, Albert W., assignor.)
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Plate or analogous article. Des. 69,330; Jan. 26.
Noe, William R., & Sons. (See Villaret, Gustave E., assignor.)
Nolen, James G., New York, N. Y. Refractor. 1,571,139; Jan. 26.
Nordell, Carl H., Fort Wayne, Ind. Means for separating, washing, and discharging comminuted solid material immersed in liquids. 1,570,854; Jan. 26.
Nordstrom, Sven J., assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Valve for tank cars and the like. 1,570,637; Jan. 26.
Nose, Toichi, Kamakura Gun, Kanagawa Ken, Japan. Device for constructing culverts of concrete. 1,570,915; Jan. 26.
Novocrete & Cement Products Company. (See Garrow, James R., assignor.)
Nyquist, Harry, Elmhurst, N. Y., assignor to American Telephone and Telegraph Company. Reducing interference. 1,570,770; Jan. 26.
Nyquist, Harry, Elmhurst, N. Y., assignor to American Telephone and Telegraph Company. Reducing interference. 1,570,771; Jan. 26.
Nyquist, Harry, Elmhurst, N. Y., assignor to American Telephone and Telegraph Company. Reduction of distortion in multiplex repeaters. 1,570,772; Jan. 26.
Nystrom, Karl F., Montreal, Quebec, Canada. Refrigerator car. 1,570,855; Jan. 26.
Obert, Casin W., Mount Vernon, N. Y. Pressure-relief device. 1,571,022; Jan. 26.
O'Connor, Michael F., Sheridan, Wyo. Neurovertameter. 1,571,140; Jan. 26.
Oeschger, Joseph P., Chicago, and E. S. Jones, Princeville, Ill. Spot marker for corn planters. 1,570,773; Jan. 26.
Olson, Louis, Enumclaw, Wash. Oil burner. 1,570,774; Jan. 26.
Optische Anstalt C. P. Goerz Aktiengesellschaft. (See Schulz, Hans, assignor.)
Orent, Jacob L., New York, N. Y. Garment. 1,570,917; Jan. 26.
Orth, Frank, Indiana Harbor, Ind. Slag pocket and draining the same. 1,570,704; Jan. 26.
Oval Match Company. (See Moscini, John, assignor.)
Palmolive Company, The. (See Schwantes, Julius A., assignor.)
Paragon Can & Cap Company. (See Russell, Robert A., assignor.)
Parant, Joseph A., Melrose Highlands, Mass. Cribber and ballast remover. 1,570,638; Jan. 26.
Paris Laboratories. (See Lichtentag, Hortense.)
Park, Andrew J., Pueblo, Colo. Rail chair and clamp. 1,571,141; Jan. 26.
Parrish, Charles H. (See Foss, Leland L. and D. L., and Parrish.)
Parsons, George A., assignor to Charles E. Bedaux Company, Inc., New York, N. Y. Loose-leaf binder. 1,571,172; Jan. 26.
Parsons, Philip D., Philadelphia, Pa., assignor to Scott Paper Company. Conveyer and package-labeling machine. 1,570,918; Jan. 26.
Parsons, Philip D., Swarthmore, Pa., assignor to Scott Paper Company. Label-applying machine. 1,570,919; Jan. 26.
Paskin, Louis. (See Lichtentag, Hortense, assignor.)
Paskin, Ruth, administratrix. (See Lichtentag, Hortense.)
Pateiski, Erich J., Chicago, Ill. Power attachment for kitchen utensils and the like. 1,570,920; Jan. 26.
Patterson, Edward B., Merchantville, N. J. Electrical transformer. 1,570,921; Jan. 26.
Payne, Walter B., C. G. Tiefel, and R. E. Bohrer, assignors to The Todd Company, Inc., Rochester, N. Y. Printing apparatus. 1,570,856; Jan. 26.
Peavey, David H., Brewer, Me. Spurred pickeroon. 1,571,062; Jan. 26.
Pecker, Joseph S., Philadelphia, Pa. Double-rib knitting machine. 1,570,775; Jan. 26.
Peerless Electric Company, The. (See Reibel, H. G., and Sparks, assignors.)
Pekora, Michael, Philadelphia, Pa. Outlet plug for dye vats. 1,571,023; Jan. 26.
Perkins, Andrew J. and L., assignors to Yellow Jack-It Manufacturing Co., Chicago, Ill. Lifting jack for automobiles. 1,570,639; Jan. 26.
Perkins, Charles G., Kinross, Mich. Oil indicator. 1,571,142; Jan. 26.
Perkins, James F., Hayward, Calif. Inking roller. 1,570,857; Jan. 26.
Perkins, James M., West Bend, Iowa. Hitch. 1,571,094; Jan. 26.
Perkins, Lester. (See Perkins, Andrew J. and L.)
Perkins, Ross L., Orosi, Calif. Door-control mechanism. 1,570,641; Jan. 26.
Perkins, Walter G., London, England, assignor to Metals Production Company of North America, Incorporated, New York, N. Y. Leaching process for the extraction of metals. 1,570,858; Jan. 26.
Perrault, Joseph E., assignor to Hood Rubber Company, Watertown Mass. Multiple fastener. 1,571,095; Jan. 26.
Peters, Henry W., Boston, Mass. Finger ring. 1,570,776; Jan. 26.
Peterson, John, Faribault, Minn. Combined table and phonograph cabinet. 1,570,640; Jan. 26.
Philipp, Otto, Washington, D. C. Servomotor. 1,570,922; Jan. 26.
Pierce, Lonnie J. (See Monro, W. L., Clark and Pierce.)
Pike, Robert D., San Francisco, Calif. Treating sulphide ores. 1,570,777; Jan. 26.
Pitman, Catherine F., Stockton, Calif. Bag or similar article. Des. 69,331; Jan. 26.
Porter, William N., Leigh, Nebr. Tire-chain tool. 1,570,859; Jan. 26.
Posson, Edward, Chicago, Ill. Sealing lock and door starter. 1,571,158; Jan. 26.
Posson, Edward, Chicago, Ill. Sealing lock and door starter. 1,571,159; Jan. 26.
Potstock, Herman. (See Jaeger, W., and Potstock.)
Potts, Louis M., Highwood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Printing telegraphy. 1,570,923; Jan. 26.
Powell, Aldin H., Harmony, Pa. Plowpoint. 1,570,860; Jan. 26.
Powell, George A. (See Watson, James A., assignor.)
Prindor Sectional Rim Co. (See Dour, Frederick J., assignor.)
Providence Press Machinery Co. (See Da Costa, Arthur V., assignor.)
Putnam, Thomas M., Toronto, Ontario, Canada. Portable electric stove. 1,570,778; Jan. 26.
Quiroz, Francisco A., New York, N. Y. Pump. 1,570,861; Jan. 26.
Raithel, Carl M. (See Maedke, F. A., and Raithel.)
Rambin, Louis G., and W. A., Smackover, Ark.; said W. A. Rambin assignor of one-half of his right to said Louis G. Rambin. Escape for derricks. 1,571,096; Jan. 26.
Rambin, William A. (See Rambin, Louis G., and W. A.)
Rasmussen, Guss E. (See Cook, Pearl M., assignor.)

Rawdon, George L., Lakewood, Ohio. Telegraph relay. 1,571,063; Jan. 26.
Redman, Henry C., Moore, Mont. Windshield attachment. 1,571,097; Jan. 26.
Reed, John D., Toledo, Ohio. Toy balloon valve. 1,570,642; Jan. 26.
Reibel, Herman G., and V. P. Sparks, assignors to The Peerless Electric Company, Warren, Ohio. Short-circuiting device for alternating-current motors. 1,570,779; Jan. 26.
Remington Typewriter Company. (See Barney, Edwin E., assignor.)
Renwick, Frederick W., Camden, N. J., assignor of one-half to J. S. Latta, Philadelphia, Pa. Wireless-receiving-apparatus cabinet. 1,571,064; Jan. 26.
Revere Rubber Company. (See Hopkinson, E., and Gibbons, assignors.)
Rhoades, Alonzo E., assignor to Draper Corporation, Hopedale, Mass. Automatically-threading shuttle. 1,571,160; Jan. 26.
Rieger, George. (See Simmons, Finn., assignor.)
Rimke, William, Berwyn, Ill. Cabinet. 1,571,098; Jan. 26.
Rimmer, Gilbert, London, England, assignor to Sullivan Machinery Company, Chicago, Ill. Coal-cutting machine. 1,571,161; Jan. 26.
Rimmer, Gilbert, Radford, England, assignor to Sullivan Machinery Company, Chicago, Ill. Coal-cutting machine. 1,571,162; Jan. 26.
Rinker, Levi M., Pittsburgh, Pa. Pipe-organ structure. 1,570,780; Jan. 26.
Rippingille, Frank S., Birmingham, England. Fuel-consumption meter for use with liquid-fuel engines. 1,570,643; Jan. 26.
Risser, Arthur I., assignor to U. S. Bottlers Machinery Co., Chicago, Ill. Clutch for bottle-screw-capping machines. 1,571,065; Jan. 26.
Rizk, Elias, Sioux City, Iowa. Oil burner. 1,570,644; Jan. 26.
Robertson, John, St. Annes-on-the-Sea, England. Photographic type-setting machine. 1,571,170; Jan. 26.
Roche, Edward G., San Leandro, Calif. Bolt. 1,570,645; Jan. 26.
Rockford Tool Company. (See Sundstrand, Gustaf D., assignor.)
Rogers, Charles E., Detroit, Mich. Method of pasteurizing and deodorizing cream. 1,570,646; Jan. 26.
Rohlf, Anna. (See Rohlf, Claus H., assignor.)
Rohlf, Claus H., assignor of one-half to A. Rohlf, San Antonio, Tex. Cotton-packer attachment. 1,571,163; Jan. 26.
Rollaway Motor Company, The. (See Crompton, Edwin C., assignor.)
Rose, Herbert E., Warwick, and A. J. Loepsinger, assignors by mesne assignments to General Fire Extinguisher Company, Providence, R. I. Alarm device. 1,570,705; Jan. 26.
Rosenblatt, Isidor, New York, N. Y. Lighting-fixture arm or article of similar nature. Des. 69,332; Jan. 26.
Ross, Hugh M., Woodhaven, N. Y., assignor to Eagle Manufacturing Company, Wellsburg, W. Va. Container attachment and making same. 1,570,706; Jan. 26.
Ross, John K., Fort Erie, Ontario, Canada. Vegetable knife. 1,570,707; Jan. 26.
Rothkirch, Herman, New York, N. Y. Piano leg or similar article. Des. 69,333; Jan. 26.
Roush, Frank L., Northumberland, Pa. Bending tool. 1,570,708; Jan. 26.
Royer, Eugéne, assignor to Societe pour l'Exploitation du Surallimentateur Royer, Paris, France. Automatic controlling device for compressors supplying explosion engines. 1,571,143; Jan. 26.
Ruben, Samuel, New York, N. Y. Testing apparatus and method. 1,570,781; Jan. 26.
Rumely, William N., Chicago, Ill. Combined thrasher and huller. 1,570,709; Jan. 26.
Russell, Robert A., Ridgewood, assignor to Paragon Can & Cap Company, Inc., Paterson, N. J. Receptacle closure. 1,570,924; Jan. 26.
Safion, Herman A., New York, N. Y. Lighting-fixture loop. Des. 69,334; Jan. 26.
Saignol, Ernest, Grangeneuve St. Etienne, France. Iron fitting or bracket for insulators. 1,571,144; Jan. 26.
Saufley, Elmer B., et al. (See Baldwin, James C., assignor.)
Scammell China Company. (See Ellis, George, assignor.)
Scheid, Walter J., Newark, N. J. Window lock. 1,571,024; Jan. 26.
Schenck, Charles L. Fine, and E. Ibach, assignors to Bethlehem Steel Company, Bethlehem, Pa. Apparatus for forming wheel shapes. 1,570,710; Jan. 26.
Scherer, Adolph, Philadelphia, Pa. Lamp-shade vent ring. 1,571,025; Jan. 26.
Scheuchzer, Auguste, Renens, near Lausanne, assignor to Ferrodesherbeuse Scheuchzer Societe Anonyme, Renens, Switzerland. Railway-track-weeding machine. 1,571,099; Jan. 26.
Scheving, Edward A., Hensel, N. Dak. Row weeder. 1,570,782; Jan. 26.
Schiffer, Charles D., Columbus, Ohio. Manifold recording and mailing device. 1,570,783; Jan. 26.
Schlott, Johannes. (See De Lony, Knud, assignor.)
Schläppi, Adolph F., Curwensville, Pa. Holder. 1,571,145; Jan. 26.
Schmidt, George C., Houston, Tex., assignor to The Texas Company, New York, N. Y. Automatic engine cut-off. 1,570,784; Jan. 26.
Schmidt, William H., Milwaukee, Wis. Two-speed power unit. 1,570,925; Jan. 26.
Schneider, Fred E., Hitchcock, Okla. Automatic truck dump. 1,570,785; Jan. 26.
Schofield, Samuel T., Washington, D. C. Bank pass book. 1,570,786; Jan. 26.
Schroeder, Anthony, assignor of one-half to J. M. Finney, Cleveland, Ohio. Truck. 1,570,787; Jan. 26.
Schuls, Hans, Grosslichterfelde-Ost, near Berlin, assignor to Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Refractometer. 1,571,066; Jan. 26.
Schulz, Paul A., assignor to Bethlehem Steel Company, Bethlehem, Pa. Roll-changing rack. 1,571,026; Jan. 26.
Schumacher, Elmer L., assignor to American Optical Company, Southbridge, Mass. Demiamber rim and the production of same. 1,571,067; Jan. 26.
Schumacher, Elmer L., assignor to American Optical Company, Southbridge, Mass. Goggles. 1,571,146; Jan. 26.
Schwantes, Julius A., Milwaukee, Wis., assignor, by mesne assignments, to The Palmolive Company. Sealing machine. 1,570,788; Jan. 26.
Scott, Albert E., Houston, Tex. Shock absorber. 1,571,147; Jan. 26.
Scott Paper Company. (See Parsons, Philip D., assignor.)
Scovill Manufacturing Company. (See Fenton, Paul E., assignor.)
Seely, Thomas H., Malden, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Determining the shape of molds. 1,570,862; Jan. 26.
Sees-All Mfg. Co. (See Langley, Earle A., assignor.)
Seifert, Thomas H., Springtown, Pa. Cement-vault handle. 1,570,972; Jan. 26.
Seifke, Herman A., assignor of twenty-two one-hundredths to M. Edelman, twenty-five one-hundredths to S. A. Beagle, and twenty-two one-hundredths to M. Lewis, San Francisco, Calif. Alternating-current rectifier. 1,570,789; Jan. 26.
Selas Aktiengesellschaft. (See Wolff, F., assignor.)
Selby, Pearl E. (See Jackman, Charles, assignor.)
Sharples Specialty Company, The. (See Ayres, Eugene E., jr., assignor.)
Sheets, Ray C., et al. (See Baldwin, James C., assignor.)
Shellmer, Herman. (See Fulton, W. H., and Shellmer.)
Sibbald, John W., New York, N. Y. Golf tee. 1,570,926; Jan. 26.
Siemens & Halske, Aktiengesellschaft. (See Hosenfeld, Martin, assignor.)
Simmons Company. (See Lloyd, William C., assignor.)
Simmons, Finn, assignor of one-half to G. Rieger, Brooklyn, N. Y. Folding furniture. 1,570,863; Jan. 26.
Simonelli, Michael, Everett, Mass. Book holder. 1,570,973; Jan. 26.
Simpson, Ora F. (See Holman, Charles B., assignor.)
Sindelar, Thomas A. (See Smith, F. H., and Sindelar.)
Singer Manufacturing Company, The. (See Grieb, Alfred, assignor.)
Singer Manufacturing Company, The. (See Wood, Alfred R., assignor.)
Sinn, George H., Spencer, Iowa. Electric fuse. 1,570,864; Jan. 26.
Sisolak, John, Chicago, Ill. Wrench. 1,571,148; Jan. 26.
Sivertsen, Ivar, et al. (See Flagstad, Cornell, assignor.)
Skinner, Emerson E., Elgin, Nebr. Cooler. 1,571,100; Jan. 26.
Slater, Emmet H. (See Broderick, Frank W., assignor.)
Sloan, John W. (See Bentley, L. L., and Sloan.)
Smith, Clyde J. (See Forsyth, John A., assignor.)
Smith, Frank H., and T. A. Sindelar, Cleveland, Ohio, assignors, by mesne assignments, to Bendix Brake Company, Chicago, Ill. Manufacture of brake shoes. 1,571,164; Jan. 26.
Smith, Henry R., Prince Rupert, British Columbia, Canada. Gauge for oil tanks. 1,570,790; Jan. 26.
Smith, Owen E. (See Swain, E. W., and Smith.)
Societe pour l'Exploitation du Surallimentateur Royer. (See Royer, Eugéne, assignor.)
Solarz, George, Gallitzin, Pa. Ice creeper. 1,570,791; Jan. 26.
Sommer, William H., Peoria, Ill. Collecting box for wire-drawing blocks. 1,570,711; Jan. 26.
Sommer, William H., Peoria, Ill. Furnace. 1,570,712; Jan. 26.
Soucy, Victor, Caron Brook, New Brunswick, Canada. Safety grab-hook lock. 1,570,865; Jan. 26.
Spalding, A. C., & Bros. (See East, James V. T., assignor.)
Spang, Joseph P., Quincy, Mass. Meat tenderer. 1,570,792; Jan. 26.
Sparks, Virgil P. (See Reibel, H. G., and Sparks.)
Spottswood, Edwin E., Cincinnati, Ohio. Safety door structure. 1,570,927; Jan. 26.
Staiti, Charles C. (See Thomas, J. C., and Staiti.)
Stancliffe, Cecil W., assignor to Stancliffe Engineering Corporation, New York, N. Y. Heat interchanger. 1,571,068; Jan. 26.

Stancliffe Engineering Corporation. (See Standcliffe, Cecil W., assignor.)
Standard Sewing Machine Company, The. (See Nelson, George W., assignor.)
Steigh, Jacob, and E. F. Choate, Taft, Calif. Earth-boring sampler. 1,570,647; Jan. 26.
Stempel, John E., Bloomington, Ind. Basket-ball score card. 1,570,866; Jan. 26.
Sternberg, Emil R., Chicago, Ill. Bowl stand. 1,571,101; Jan. 26.
Stevens, Henry V., Topeka, Kans. Steam-pipe-connection packing. 1,570,974; Jan. 26.
Stevenson, Kathleen S. (See Green, C. E., and Stevenson.)
Stevenson, William M., Springfield, Mass., assignor to Unit Rug Company, Oshkosh, Wis. Floor covering and like material. 1,571,069; Jan. 26.
Stewart, James O., Gorrie, Ontario, Canada. Emergency grip for vehicle wheels. 1,570,713; Jan. 26.
Stickle, Cole, assignor to Stickle Steam Specialty Company, Indianapolis, Ind. Thermostatic valve mechanism. 1,570,714; Jan. 26.
Stickle Steam Specialty Company. (See Stickle, Cole, assignor.)
Still, George A., Cullman, Ala. Spring-tooth cultivator. 1,571,102; Jan. 26.
Stimpson, Edwin B., assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Rivet construction. 1,570,715; Jan. 26.
Stimpson, Edwin B., Company. (See Stimpson, Edwin B., assignor.)
Stimpson, Wallace L., and H. A. Davis, assignors to Draper Corporation, Hopedale, Mass. Shuttle. 1,571,149; Jan. 26.
Stoney, John T., Lakewood, Ohio. Cleaning apparatus. 1,570,716; Jan. 26.
Storch, Henry H. (See Gauger, A. W., and Storch.)
Straight, Halver R., Adel, Iowa. Combination window and ventilator. 1,570,793; Jan. 26.
Straub, John, Ashley, N. Dak. Tag. 1,571,070; Jan. 26.
Straub, William F. (See Bartlett, A. F., and Straub.)
Strupe, Cecil H., assignor to Leedy Manufacturing Company, Indianapolis, Ind. Forming kettles and die therefor. 1,571,171; Jan. 26.
Stubbs, Robert C., Dallas, Tex. Bonding new concrete formations to old concrete formations. 1,570,794; Jan. 26.
Studebaker Corporation, The. (See Bagley, William H., assignor.)
Studebaker Corporation, The, et al. (See Michod, Charles L., assignor.)
Sullivan Machinery Company. (See Rimmer, Gilbert, assignor.)
Sumter Super-Siphon Company. (See Moise, Harmon D., assignor.)
Sundstrand, Gustaf D., assignor to Rockford Tool Company, Rockford, Ill. Lathe. 1,570,648; Jan. 26.
Sundstrand, Gustaf D., assignor to Rockford Tool Company, Rockford, Ill. Automatic lathe. 1,570,649; Jan. 26.
Superheater Company, The. (See McKee, Neal T., assignor.)
Sury, Joseph, Wyneghem, near Antwerp, Belgium. Photographic pigmentary printing paper. 1,571,103; Jan. 26.
Sutherland, Donald W., jr., Sioux Falls, S. Dak. Acidity-test machine. 1,570,717; Jan. 26.
Swain, Evan W., and O. E. Smith, Stockton, Calif. Steering mechanism for tractors. 1,570,718; Jan. 26.
Sweeney, David, assignor of one-eighth to M. McLeod one-fourth to A. C. MacKenzie, and one-fourth to R. P. Adams, Winnipeg, Manitoba, Canada. Carbonating milk or cream. 1,570,975; Jan. 26.
Sweet, Clifford L., Highland Park, Ill. Animated toy. 1,571,071; Jan. 26.
Szombathy, C., et al. (See Drenovics, Andras, assignor.)
Tainton, Urlyn C., Johannesburg, South Africa. Storage bin or hopper. 1,570,795; Jan. 26.
Talbert, John T., Bradley, S. C. Automatic tire-inflating mechanism. 1,571,072; Jan. 26.
Talbot, William P., Millbrook, N. Y. Watch guard. 1,571,027; Jan. 26.
Tanner, Frederick H., Bristol, England. Speed-changing transmission. 1,570,867; Jan. 26.
Tapling, Robert D., Chicago, Ill. Exercising device. 1,571,073; Jan. 26.
Tatem, James B., Putnam, assignor of one-half to The American Tube & Stamping Company, Bridgeport, Conn. Picker stick. 1,570,796; Jan. 26.
Technicolor Motion Picture Corporation. (See Wescott, William B., assignor.)
Templin, Richard L., Parnassus, Pa., assignor to American Magnesium Corporation, Niagara Falls, N. Y. Extruding magnesium. 1,570,868; Jan. 26.
Teufel, Otto C. (See White, L. J., and Teufel.)
Texas Company, The. (See Hall, Frank W., assignor.)
Texas Company, The. (See Schmidt, George C., assignor.)
Thaleswerk m. b. H. (See Müller, Max, assignor.)
Thatcher, Harry S., Los Angeles, Calif., assignor, by mesne assignments, to The Celite Company. Recovered inorganic filter aid and producing the same. 1,571,074; Jan. 26.
Thomas, George P., Glenshaw, Pa. Metal-perforating machine. 1,570,928; Jan. 26.
Thomas, J. Clarence, and C. C. Staiti, Houston, Tex. Automobile locking device. 1,570,797; Jan. 26.
Thomas, Joseph W., New York, N. Y. Grease gun. 1,571,028; Jan. 26.
Thomas, Laurence H. (See Kuhn, F., and Thomas.)
Thomson, Thomas, and N. Nisbet, Scunthorpe, England. Apparatus for filtering dust-laden gases. 1,570,869; Jan. 26.
Thomson, William S., assignor to The Tobrin Tool Company, Plantsville, Conn. Cold chisel. 1,570,650; Jan. 26.
Thorn, Lawrence T., Harrisburg, Ark. Identification-card and registration-tag holder for motor vehicles. 1,570,798; Jan. 26.
Tiefel, Charles G. (See Payne, W. B., Tiefel, and Bohrer.)
Titeflex Metal Hose Co. (See Fulton, W. H., and Shellmer, assignors.)
Tobrin Tool Company, The. (See Thomson, William S., assignor.)
Todd Company, Inc., The. (See Payne, W. B., Tiefel, and Bohrer, assignors.)
Topping, Wilbur, and A. W. Nelson, assignors to Columbian Enameling & Stamping Co., Terre Haute, Ind. Display stand. 1,570,651; Jan. 26.
Towle Manufacturing Company, The. (See Nock, Harold E., assignor.)
Townsend, John S., assignor to Whiting Corporation, Harvey, Ill. Sand-ramming machine. 1,570,652; Jan. 26.
Traffic Signal Corporation. (See Williams, Robert M., assignor.)
Trinks, Willibald, Pittsburgh, assignor to Homestead Valve Manufacturing Company, Incorporated, Homestead, Pa. Lubrication system for valves. 1,571,150; Jan. 26.
Trosch, Alfred, Rochester, N. Y., and G. W. Moreton, Wilmington, Del., assignors to Consolidated Machine Tool Corporation of America, Rochester, N. Y. Work-clamping mechanism for vertical boring and turning mills. 1,570,799; Jan. 26.
Tunley, Edgar H., Brooklyn, N. Y. Ferris-wheel toy. Des. 69,335; Jan. 26.
Udale, Stanley M., and D. H. Mcloche, Detroit, Mich. Protecting the surface of metal molds. 1,570,929; Jan. 26.
Uhthoff, Eduard, Berlin-Charlottenburg, Germany. Typeline setting and casting machine. 1,571,075; Jan. 26.
Union Switch & Signal Company, The. (See Young, Henry S., assignor.)
Unit Rug Company. (See Stevenson, William M., assignor.)
United Iron Works, Inc. (See Holzer, Hiram A., assignor.)
United Printing Machinery Company. (See Upham, Burt F., assignor.)
United Shoe Machinery Corporation. (See Seely, Thomas H., assignor.)
U. S. Bottlers Machinery Co. (See Risser, Arthur I., assignor.)
United States Radium Corporation. (See Hess, V. F., and Leman, assignors.)
Upham, Burt F., Brookline, assignor to United Printing Machinery Company, Boston, Mass. Bronzing machine. 1,570,976; Jan. 26.
Van Ackeren, Joseph, assignor to The Koppers Company, Pittsburgh, Pa. Coking retort oven. 1,570,870; Jan. 26.
Van Ackeren, Joseph, assignor to The Koppers Company, Pittsburgh, Pa. Inclined coking retort oven. 1,570,871; Jan. 26.
Van Allen, Frederic L., Goderich, Ontario, Canada. Apparatus for desceding flax. 1,570,800; Jan. 26.
Van Essen, Pieter D., Haag, Netherlands, assignor to Bethlehem Steel Company. Safety device for high-explosive fuses and projectiles. 1,570,983; Jan. 26.
Vial, Frederick K. (See Wickland, A. A., and Vial.)
Victor Balata & Textile Belting Co. (See Vollrath, Edwin, assignor.)
Villaret, Gustave E., Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y. Base for portable electric lamps. Des. 69,336; Jan. 26.
Villaret, Gustave E., Leonia, N. J., assignor to H. Hillman, New York, N. Y. Loop for lighting fixtures or the like. Des. 69,337; Jan. 26.
Viviano, Philip, St. Louis, Mo. Advertising scale. 1,570,872; Jan. 26.
Vollrath, Edwin, Easton, Pa., assignor to Victor Balata & Textile Belting Co., New York, N. Y. Belt clamp. 1,570,801; Jan. 26.
Von Bichowsky, Foord, Glendale, Calif. Preventing adherence of cast metal to the mold. 1,570,802; Jan. 26.
Vulcan Last Company, The. (See Clausing, George, assignor.)
Waite, Frank H., and G. W. Davey, Long Island City, N. Y. Furnace wall. 1,570,653; Jan. 26.
Wakefield, Albert F., assignor to The F. W. Wakefield Brass Company, Vermilion, Ohio. Lighting-fixture construction. 1,570,930; Jan. 26.
Wakefield, F. W., Brass Company, The. (See Wakefield, Albert F., assignor.)
Walizer, Clarence W., Salina, Kans. Automobile heater. 1,570,977; Jan. 26.
Walker, Fletcher L., jr., Westwood, Calif. Starting an arc in a welding apparatus and the like. 1,570,803; Jan. 26.
Walker, Fletcher L., jr., Westwood, Calif. Arc-welding system. 1,570,804; Jan. 26.

Walker Vehicle Company. (See Carroll, John G., assignor.)
Wallace, Elmer J., Freeport, Ill. Heater for printing presses. 1,571,174; Jan. 26.
Wallace, William C., assignor of one-half to J. E. Garrabrant, New York, N. Y. Lock mechanism for slidable windows. 1,570,654; Jan. 26.
Wallet, George, Milwaukee, Wis. Trolley wheel. 1,570,805; Jan. 26.
Walling, Claude L., Sherburne, N. Y. Machine for handling snow or the like. 1,570,806; Jan. 26.
Ward, David A., assignor of one-half to E. B. Broughton, Primrose, Nebr. Tire-chain fastener. 1,570,978; Jan. 26.
Warner, Chester E., Berwyn, assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electrical switch. 1,570,655; Jan. 26.
Warren, Albert W., assignor to No-Dust Drying Machine Co., Providence, R. I. Drying machine. 1,571,076; Jan. 26.
Washa, Frank, Muscoda, Wis. Earth-boring machine. 1,571,077; Jan. 26.
Waters, William J., Elizabeth, N. J., assignor to The Watson-Stillman Co., New York, N. Y. Hydraulic jack. 1,571,029; Jan. 26.
Watson, James A., assignor to J. A. Watson and G. A. Powell, Winnipeg, Manitoba, Canada. Leacher. 1,570,807; Jan. 26.
Watson, Robert R. (See Hill, Walter A., assignor.)
Watson-Stillman Co., The. (See Waters, William J., assignor.)
Weaver, Ira A., assignor to Weaver Manufacturing Company, Springfield, Ill. Tractor hitch. 1,571,030; Jan. 26.
Weaver Manufacturing Company. (See Weaver, Ira A., assignor.)
Webr, Arthur J., Oceanport, assignor of one-half to M. J. Goldstein, Long Branch, N. J. Garter. 1,571,151; Jan. 26.
Weigel, Fred E., Leominster, Mass., assignor to J. C. Dowd & Co., New York, N. Y. Rack for manicuring set. Des. 69,338; Jan. 26.
Weil, Maximilian, New York, N. Y. Spring motor indicator. 1,571,031; Jan. 26.
Weintraub, Harry, New York, N. Y. Gas iron. 1,570,808; Jan. 26.
Wellman-Seaver-Morgan Company, The. (See Case, Arthur F., assignor.)
Wells, Floyd N. (See Gately, M. F., and Wells.)
Wertz, Frederick L., Montclair, N. J. Display device for advertisements. 1,570,656; Jan. 26.
Wescott, William B., Wellesley, assignor, by mesne assignments, to Technicolor Motion Picture Corporation, Boston, Mass. Treatment of cinematographic films. 1,570,809; Jan. 26.
Wesolik, Joseph, assignor of one-half to H. H. Gerling, Belleville, Ill. Car coupler. 1,571,032; Jan. 26.
Wesolik, Joseph, assignor of one-half to H. H. Gerling, Belleville, Ill. Car coupler. 1,571,033; Jan. 26.
Western Electric Company. (See Crouch, James L., assignor.)
Western Electric Company. (See Englund, C. R., and Haddock, assignors.)
Western Electric Company. (See Gargan, John O., assignor.)
Western Electric Company. (See Hartley, Ralph V. L., assignor.)
Western Electric Company. (See Kendall, Burton W., assignor.)
Western Electric Company. (See Loewe, Siegmund, assignor.)
Western Electric Company. (See Potts, Louis M., assignor.)
Westinghouse Electric and Manufacturing Company. (See Aram, Otto, assignor.)
Westinghouse Lamp Company. (See Compton, Arthur H., assignor.)
Whisler, Ralph H., Halfway, assignor to Essex Motors, Detroit, Mich. Electric self-starter for internal-combustion engines. 1,570,810; Jan. 26.
White, Bruce C., deceased, New York, N. Y.; M. L. White, executrix. Sheet-control device for printing presses. 1,570,979; Jan. 26.
White, Frank O., et al., executors. (See Eustis, John P.)
White, Le Roy J., and O. C. Teufel, Eldon, Iowa. Camp grate. 1,570,657; Jan. 26.
White, Maria L., executrix. (See White, Bruce C.)
Whiting Corporation. (See Townsend, John S., assignor.)
Whitney, Clarence E., et al., executors. (See Hanson, Bengt M. W.)
Whitney, Frank, and P. S. Coll, Glenrock, Wyo. Tank-car valve. 1,571,078; Jan. 26.
Whittingham, George H., assignor to Monitor Controller Company, Baltimore, Md. Motor-starting switch. 1,571,152; Jan. 26.
Wickland, Algot A., Chicago, and F. K. Vial, Lagrange, assignors to Griffin Wheel Company, Chicago, Ill. Molding machine. 1,570,658; Jan. 26.
Wiegand, Kurt, Berlin, Germany. Illuminated sign. 1,570,980; Jan. 26.
Wilden, Rudolf, New York, N. Y., F. J. Winarski, jr., and A. J. Winarski, West Hoboken, N. J. Valve grinder. 1,570,981; Jan. 26.
Wilkinson, Elza A., San Francisco, Calif. Combined refrigerator and display counter. 1,570,811; Jan. 26.
Williams, Paul F., assignor to G & W Electric Specialty Co., Chicago, Ill. Fothead for electrical circuit connecters. 1,571,172; Jan. 26.
Williams, Robert M., assignor to Traffic Signal Corporation, New York, N. Y. Traffic safety signal switch. 1,570,982; Jan. 26.
Wilson, Elihu C., Los Angeles, Calif. Latch guard for casing-handling tools. 1,570,812; Jan. 26.
Wilson, Peter, Springfield, Ill. Safety device for elevators. 1,570,813; Jan. 26.
Wilson, William E., Mason City, Iowa, and H. G. Lykken, Minneapolis, Minn. Method of and apparatus for drying refractory materials. 1,570,659; Jan. 26.
Winarski, August J. (See Wilden, R., and F. J., jr., and A. J. Winarski.)
Winarski, Frank J., jr.. (See Wilden, R. and F. J., jr., and A. J. Winarski.)
Winchester Repeating Arms Company. (See de Olaneta, Harold, assignor.)
Window Glass Machine Company. (See Bishop, Frederic L., assignor.)
Window Glass Machine Company. (See Monro, William L., assignor.)
Window Glass Machine Company. (See Monro, W. L., Clark, and Pierce, assignors.)
Witherow Steel Company. (See Witherow, William P., assignor.)
Witherow, William P., Pittsburgh, assignor to Witherow Steel Company, Neville Island, Pa. Die rolling. 1,570,660; Jan. 26.
Witman, Ephriam. Sinking Spring, Pa. Heater. 1,571,079; Jan. 26.
Wolff, Friedrich, assignor to Selas Aktiengesellschaft, Berlin, Germany. Gas mixer. 1,570,984; Jan. 26.
Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle throat for buttonhole-sewing machines. 1,570,661; Jan. 26.
Woolley, Horace M., jr., Alameda, Calif. Reinforcing-bar support. 1,570,814; Jan. 26.
Wright, Ernest H., Morrinsville, Auckland, New Zealand. Testing apparatus for use in cow milkers. 1,571,080; Jan. 26.
Wright, J. T., Company, The. (See Wright, Joseph T., assignor.)
Wright, Joseph T., assignor to The J. T. Wright Company, Cincinnati, Ohio. Pulley drive and belt tightener. 1,571,153; Jan. 26.
Wright, Lysander E., East Orange, and H. B. Costantin, Clifton, N. J. Tire. Des. 69,339; Jan. 26.
Wright, Lysander E., East Orange, and H. B. Costantin, Clifton, N. J. Tire. Des. 69,340; Jan. 26.
Wright, Wallace C., Brookfield, N. H., and F. W. Merrick, assignors to American Shoe Machinery Company, Boston, Mass. Leather-tempering machine. 1,570,693; Jan. 26.
Wyatt, Alfred, assignor of one-third to S. J. Cochran and one-third to F. A. Cochran, Kansas City, Mo. Sound-wave-intensifying device for reproducers. 1,570,662; Jan. 26.
Wyckoff, Amos A., Oakland, Calif. Pneumatic vehicle tire casing. 1,570,663; Jan. 26.
Wylie, Hamilton N., Coventry, England. Process and apparatus for insuring the straightness of metal tubes and strips of angle or other form during heat treatment. 1,570,815; Jan. 26.
Yale & Towne Manufacturing Company, The. (See Kroll, Waldemar, assignor.)
Yellow Jack-It Manufacturing Co. (See Perkins, Andrew J. and L., assignors.)
Young, Charles W., Killingly, Conn. Tension-control indicator. 1,570,931; Jan. 26.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 1,571,034; Jan. 26.
Yount, John V., Shidler, Okla. Brace for drill-rod wrenches. 1,571,081; Jan. 26.
Zimlich, Julius M., Mobile, Ala. Agricultural machine. 1,571,082; Jan. 26.
Zipper, Walter, Vienna, Austria. Divided rim for automobile wheels. 1,570,816; Jan. 26.
Zottoli, Salvatore S., Quincy, Mass. Artificial stone and making same. 1,570,817; Jan. 26.
Zouri Drawn Metals Company. (See Nelson, Charles G., assignor.)

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 26TH DAY OF JANUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Acidity-test machine. D. W. Sutherland, jr. 1,570,717; Jan. 26.
Advertisements, Display device for. F. L. Wertz. 1,570,656; Jan. 26.
Advertising and promoting the sale of an article or material, Device for. R. McCord. 1,570,906; Jan. 26.
Advertising novelty. L. P. Clements. 1,570,729; Jan. 26
Advertising scale. P. Viviano. 1,570,872; Jan. 26.
Agricultural machine. J. M. Zimlich. 1,571,082; Jan. 26
Air-cooled engine. G. O. Brittain. 1,571,066; Jan. 26.
Alarm device. H. E. Rose and A. J. Loepsinger. 1,570,705; Jan. 26.
Amplifying system. S. Loewe. 1,570,901; Jan. 26.
Annealing glassware, Method and apparatus for. V. Mulholland. 1,571,137; Jan. 26.
Article holder. J. P. Eustis. 1,571,000; Jan. 26.
Article-setting-up means. F. W. Danberg. 1,570,622; Jan. 26.
Ash tray, Smoker's novelty. C. N. Cahusac. 1,570,610; Jan. 26.
Assembling apparatus. E. C. McCall. 1,571,157; Jan. 26.
Auto signaling device. F. M. Baldwin. 1,570,721; Jan. 26.
Automobile heater. C. W. Walizer. 1,570,977; Jan. 26.
Automobile locking device. J. C. Thomas and C. C. Staiti. 1,570,797; Jan. 26.
Automobile rim compressor. H. J. Adair and E. J. Flannery. 1,570,719; Jan. 26.
Automobile wheels. Divided rim for. W. Zipper. 1,570,816; Jan. 26.
Automobiles and other vehicles, Nonglare transparent shade for. R. J. H. Lucas. 1,571,019; Jan. 26.
Automobiles, Attachment for supply tanks of. J. W. Farrior. 1,571,111; Jan. 26.
Automobiles, Lifting jack for. A. J. and L. Perkins. 1,570,639; Jan. 26.
Automobiles, Sun and rain shield for. S. Nakagawa. 1,570,701; Jan. 26.
Axle for vehicles. J. G. Carroll. 1,570,941; Jan. 26.
Badges, Safety catch for. M. Folkman. 1,570,883; Jan. 26.
Bag or similar article. C. F. Pitman. Des. 69,331; Jan. 26.
Balls, Device for catching and throwing. R. J. Kideney. 1,570,632; Jan. 26.
Bank pass book. S. T. Schofield. 1,570,786; Jan. 26.
Bar: *See*—
Extension bar.
Bar support, Reenforcing-. H. M. Woolley, jr. 1,570,814; Jan. 26.
Basket-ball score card. J. E. Stempel. 1,570,866; Jan. 26.
Bathing belts, Pocket for. R. A. Moore and S. Byer. 1,570,696; Jan. 26.
Battery terminal. J. C. Baldwin. 1,570,722; Jan. 26.
Belt clamp. E. Vollrath. 1,570,801; Jan. 26.
Belt fastener. W. S. Lake. 1,570,750; Jan. 26.
Belt or like tensioning and fastening appliance. G. F. French. 1,571,113; Jan. 26.
Bending tool. F. I. Roush. 1,570,768; Jan. 26.
Bicycle and scooter, Combined. R. G. Ledig. 1,571,013; Jan. 26.
Binder, Loose-leaf. G. A. Parsons. 1,571,173; Jan. 26.
Blowpipe. J. Harris. 1,571,004; Jan. 26.
Board: *See*—
Ironing board.
Boiler: *See*—
Steam boiler.
Boiler. F. A. Maedke and C. M. Raithel. 1,570,760; Jan. 26.
Bolt. E. G. Roche. 1,570,645; Jan. 26.
Book holder. M. Simonelli. 1,570,973; Jan. 26.
Book or binder, Loose-leaf. J. W. Myatt. 1,570,767; Jan. 26.
Borax from saline liquors, Recovering. A. W. Gauger and H. H. Storch. 1,571,002; Jan. 26.
Boring machine, Earth-. F. Washa. 1,571,077; Jan. 26.
Bottle, Perfume. G. T. Gibson. Des. 69,315–17; Jan. 26.
Bottle-screw-capping machines, Clutch for. A. I. Risser. 1,571,065; Jan. 26.
Bottle stopper. W. M. Jessup. 1,570,672; Jan. 26.
Box: *See*—
Cigar box.
Flower box.
Box for men's hats, Cardboard. F. R. Kling. 1,570,682; Jan. 26.
Boxing-glove attachment. M. F. Gately and F. N. Wells. 1,570,960; Jan. 26.
Bowl stand. E. R. Sternberg. 1,571,101; Jan. 26.
Bracelet or the like, Flexible. E. I. and N. E. Anderson. 1,570,932; Jan. 26.
Bracket: *See*—
Vehicle shipping bracket.
Braiding machines, Coupling for single-thread lace-. G. Krenzler. 1,571,056; Jan. 26.
Brake: *See*—
Hand brake.
Brake-beam hanger. H. Mendel. 1,571,133; Jan. 26.
Brake construction. J. G. Carroll. 1,570,942; Jan. 26.
Brake shoes, Manufacture of. F. H. Smith and T. A. Sindelar. 1,571,164; Jan. 26.
Bronzing machine. B. F. Upham. 1,570,976; Jan. 26.
Brush, Irrigated. A. J. McCormack. 1,570,761; Jan. 26.
Brush, Shaving. S. Moore, jr. 1,571,136; Jan. 26.
Building blocks and the like, Mold for. E. V. Egger. 1,570,998; Jan. 26.
Building columns, Connection for. J. Lally. 1,571,092–3; Jan. 26.
Burner: *See*—
Gas burner.
Oil burner.
Tar burner.
Cabinet. W. Rimke. 1,571,098; Jan. 26.
Cables or grommets, Machine for the manufacture of bead. F. H. Beyea. 1,570,821; Jan. 26.
Cake-dropping machine. R. Humphreys. 1,571,121; Jan. 26.
Calculating machine provided with two counters. M. Müller. 1,570,765; Jan. 26.
Can-changer, stop mechanism, Full-. R. E. Naumburg. 1,571,060; Jan. 26.
Canning machine. C. H. Ayars. 1,570,986; Jan. 26.
Cans and the like, Vacuum indicator for sealed. K. W. Emerson. 1,570,732; Jan. 26.
Candy-making machinery. J. N. Kalkanis. 1,570,748; Jan. 26.
Caoutchouc, Compound for accelerating the vulcanization of. V. Lefebure and A. J. Hailwood. 1,570,752; Jan. 26.
Carboy. H. A. Kast. 1,570,678; Jan. 26.
Car coupler. J. Wesolik. 1,571,032–3; Jan. 26.
Car dumper. A. F. Case. 1,570,943; Jan. 26.
Car valve, Tank-. F. Whitney and P. S. Coll. 1,571,078; Jan. 26.
Cars, Baggage rack for railway passenger. C. P. Howard. 1,570,631; Jan. 26.
Cartridge, Blasting. E. Hutton. 1,571,122; Jan. 26.
Case: *See*—
Display case.
Cast metal to the mold, Preventing adherence of. F. Von Bichowsky. 1,570,802; Jan. 26.
Casting machine, Matrix-setting and type-bar-. J. Dorneth. 1,570,826; Jan. 26.
Castings, Making aluminum-silicon-alloy. D. B. Hobbs. 1,570,893; Jan. 26.
Chain and lock therefor. W. Kroll. 1,571,057; Jan. 26.
Chandelier. A. R. Krause. Des. 69,328; Jan. 26.
Chisel, Cold. W. S. Thomson. 1,570,650; Jan. 26.
Chuck, Automatic. F. Beck. 1,570,724; Jan. 26.
Cigar box. W. Jaeger and H. Potstock. 1,570,896; Jan. 26.
Cinematographic films, Treatment of. W. B. Wescott. 1,570,809; Jan. 26.
Clamp: *See*—
Belt clamp.
Cleaner: *See*—
Windshield cleaner.
Cleaning apparatus. J. T. Stoney. 1,570,716; Jan. 26.
Clevis, Adjustable. S. C. Lavender. 1,570,847; Jan. 26.
Coal-cutting machine. G. Rimmer. 1,571,161–2; Jan. 26.
Coating and drying machine. J. W. Greer. 1,571,052; Jan. 26.
Cocoons and the like, Apparatus for drying live. K. Kobori. 1,570,843; Jan. 26.
Coin-controlled machines, Latch-controlling device for. F. L. Mills. 1,570,910; Jan. 26.
Collapsible tube. R. H. Lieberthal. 1,570,900; Jan. 26.
Comminuted solid material immersed in liquids, Separating, washing, and discharging. C. H. Nordell. 1,570,854; Jan. 26.
Composition for casehardening. W. C. Bassett. 1,571,084; Jan. 26.

Concrete formations to old concrete formations, Bonding new. R. C. Stubbs. 1,570,794; Jan. 26.
Condensers or the like, Blower for cleaning air-cooled. F. Ljungström. 1,571,127; Jan. 26.
Container. H. L. Carpenter. 1,571,089; Jan. 26.
Container attachment and making same. H. M. Ross. 1,570,706; Jan. 26.
Conveyer and package-labeling machine. P. D. Parsons. 1,570,918; Jan. 26.
Conveyer, Long-wall. H. A. Holser. 1,571,009; Jan. 26.
Cooler. E. N. Skinner. 1,571,100; Jan. 26.
Copyholder. W. A. Homan. 1,570,744; Jan. 26.
Corncobs, Utilizing. H. Heuser. 1,570,891; Jan. 26.
Cotton-packer attachment. C. H. Rohlf. 1,571,163; Jan. 26.
Cream, Pasteurizing and deodorizing. C. E. Rogers. 1,570,646; Jan. 26.
Cribber and ballast remover. J. A. Parant. 1,570,638; Jan. 26.
Crossing signal. C. Gragert. 1,571,051; Jan. 26.
Cuff. A. A. Fournier. 1,570,736; Jan. 26.
Cultivator. J. W. Lyons. 1,570,689; Jan. 26.
Cultivator. O. M. Martin. 1,570,968; Jan. 26.
Cultivator, Spring-tooth. G. A. Still. 1,571,102; Jan. 26.
Culverts of concrete, Device for constructing. T. Nose. 1,570,915; Jan. 26.
Cup: *See*—
Grease cup.
Current collector. E. T. Bennington. 1,570,933; Jan. 26.
Current rectifier, Alternating-. H. A. Seifke. 1,570,789; Jan. 26.
Cutter: *See*—
Stalk cutter.
Cutting machine. J. W. Dixon. 1,570,665; Jan. 26.
Dampers, valves, and the like, Time-controlled device for. C. E. Larrabee. 1,570,685; Jan. 26.
Decapitating, cutting, and cleaning machine. J. F. Keller. 1,571,169; Jan. 26.
Dehydrating liquids. A. S. Elsenbast. 1,570,626; Jan. 26.
Derricks, Escape for. L. G. and W. A. Rambin. 1,571,096; Jan. 26.
Diagnostic instrument. H. L. De Zeng. 1,570,623; Jan. 26.
Die: *See*—
Spring-forming die.
Die for die casting. C. A. Heinzelman. 1,570,669; Jan. 26.
Die rolling. W. P. Witherow. 1,570,660; Jan. 26.
Display box, Candy or merchandise. Y. C. Hamilton. 1,570,963; Jan. 26.
Display case, Rotary. L. F. Duff and G. Langhans. 1,570,731; Jan. 26.
Display stand. W. Topping and A. W. Nelson. 1,570,651; Jan. 26.
Door buffer. W. Marshall. 1,570,692; Jan. 26.
Door-control mechanism. R. L. Perkins. 1,570,641; Jan. 26.
Door hanger. F. M. McTigue. 1,570,762; Jan. 26.
Door hanger and track construction. P. Frantz. 1,570,958; Jan. 26.
Door structure, Safety. E. E. Spottswood. 1,570,927; Jan. 26.
Doup. T. J. Garisio. 1,570,738; Jan. 26.
Drawing table, Folding. C. A. McIntosh. 1,571,131; Jan. 26.
Drilling-line support. M. H. Magie. 1,570,757; Jan. 26.
Drilling machine. P. Meyer. 1,571,021; Jan. 26.
Drilling rigs, Tool-feeding means for. M. H. Magie. 1,570,756; Jan. 26.
Dry-cell cups, Apparatus for introducing paste into. H. de Olaneta. 1,570,916; Jan. 26.
Drying machine. A. W. Warren. 1,571,076; Jan. 26.
Dye vats, Outlet plug for. M. Pekora. 1,571,023; Jan. 26.
Earth-boring sampler. J. Steigh and E. F. Choate. 1,570,647; Jan. 26.
Elastic threading and fastening device. F. L. Kuellmer. 1,570,844; Jan. 26.
Electric circuits, Thermally-actuated device for controlling. P. W. Baker. 1,571,104; Jan. 26.
Electric irons, Thermal switch for. J. N. Lewis. 1,570,687; Jan. 26.
Electric-light globe. J. W. Hall. Des. 69,320; Jan. 26.
Electric machine, Dynamo-. J. A. Johnson. 1,570,675; Jan. 26.
Electric system. G. T. Bruun. 1,570,823; Jan. 26.
Electrical circuit connecters, Pothead for. P. F. Williams. 1,571,172; Jan. 26.
Electrical switch. C. E. Warner. 1,570,655; Jan. 26.
Electrical transformer. E. B. Patterson. 1,570,921; Jan. 26.
Electromagnetic driving apparatus. W. H. Gerns. 1,571,050; Jan. 26.
Electroplating and apparatus therefor. B. Bart. 1,570,819; Jan. 26.
Elevators, Safety device for. P. Wilson. 1,570,813; Jan. 26.
Emulsions, Resolving. E. E. Ayres, jr. 1,570,987; Jan. 26.
Engine: *See*—
Air-cooled engine. Internal-combustion engine.
Engine. W. E. Looney. 1,570,902; Jan. 26.
Engine cut-off, Automatic. G. C. Schmidt. 1,570,784; Jan. 26.
Engine radiators, Water-conserving system for gas-. F. Clasing. 1,571,043; Jan. 26.
Engines, Automatic controlling device for compressors supplying explosion. E. Royer. 1,571,143; Jan. 26.
Engines, Electric self-starter for internal-combustion. R. H. Whisler. 1,570,810; Jan. 26.
Engines, Fuel-consumption meter for use with liquid-fuel. F. S. Rippingille. 1,570,643; Jan. 26.
Engines, Method and system for cooling internal-combustion. N. S. Diamant. 1,571,108; Jan. 26.
Engines, Oil-pump attachment for gas. V. E. Griffith. 1,570,668; Jan. 26.
Engines, Starting mechanism for internal-combustion. F. Müller. 1,570,914; Jan. 26.
Exercising device. R. D. Tapling. 1,571,073; Jan. 26.
Expansion joint. J. J. Milar. 1,570,970; Jan. 26.
Extension bar. J. L. Dostal and A. Anderson. 1,570,950; Jan. 26.
Fabrics, Composition of matter for use in the treatment of. E. Hamblin, jr. 1,570,740; Jan. 26.
Fan-belt pulley, Adjustable. H. L. French. 1,571,047; Jan. 26.
Fastener, Separable. P. E. Fenton. 1,571,001; Jan. 26.
Fibrous materials, Treatment of. J. R. Garrow. 1,571,048; Jan. 26.
Filtration residues for reuse, Treating. P. A. Boeck. 1,571,042; Jan. 26.
Finger ring. H. W. Peters. 1,570,776; Jan. 26.
Fireproof building construction. J. Lally. 1,571,091; Jan. 26.
Firing mechanism, Self-cocking. C. J. Julstedt. 1,570,677; Jan. 26.
Flask: *See*—
Mold flask.
Flax, Apparatus for deseeding. F. L. van Allen. 1,570,800; Jan. 26.
Flexible tube. W. H. Fulton and H. Shellmer. 1,570,886; Jan. 26.
Floor-covering and like material. W. M. Stevenson. 1,571,069; Jan. 26.
Flower box. W. Karnatz. 1,570,841; Jan. 26.
Flushing apparatus, Automatic. H. D. Moise. 1,571,135; Jan. 26.
Flying machine. W. Hofman. 1,570,742; Jan. 26.
Folding seat. L. Luckhoff. 1,571,129; Jan. 26.
Food cover. L. G. Nelson. 1,571,061; Jan. 26.
Frame: *See*—
Window frame.
Freezer, Sharp. C. E. L. Lipman. 1,571,018; Jan. 26.
Fruit and the like, Packaging. H. R. Black. 1,571,041; Jan. 26.
Furnace: *See*—
Gas furnace. Regenerative furnace.
Furnace. W. H. Sommer. 1,570,712; Jan. 26.
Furnace wall. F. H. Waite and G. W. Davey. 1,570,653; Jan. 26.
Furniture, Folding. F. Simmons. 1,570,863; Jan. 26.
Fuse, Electric. G. H. Sinn. 1,570,864; Jan. 26.
Fuse for blasting cartridges, Electric time. W. Eschbach. 1,570,733; Jan. 26.
Fuses and projectiles, Safety device for high-explosive. P. D. Van Essen. 1,570,983; Jan. 26.
Fuses, Mechanical delay element for. F. T. Crowell. 1,570,020; Jan. 26.
Game apparatus. W. R. Cartee. 1,570,875; Jan. 26.
Game, Steeplechase. I. Kussner. 1,570,846; Jan. 26.
Garment. J. L. Orent. 1,570,917; Jan. 26.
Garment clasp and making same. S. A. Eddins. 1,570,625; Jan. 26.
Garment hanger. J. W. Bodker. 1,571,087; Jan. 26.
Garter. A. J. Wehr. 1,571,151; Jan. 26.
Garter and arm band. A. P. Brand. 1,570,937; Jan. 26.
Gas burner. M. M. Kohn. 1,570,683; Jan. 26.
Gas furnace. L. Cinq-Mars. 1,570,612; Jan. 26.
Gas iron. H. Weintraub. 1,570,808; Jan. 26.
Gas mixer. F. Wolff. 1,570,984; Jan. 26.
Gas regulator. H. A. Elkins. 1,570,881; Jan. 26.
Gases, Apparatus for filtering dust-laden. T. Thomson and N. Nisbet. 1,570,869; Jan. 26.
Gate fastener. L. W. Eversman. 1,570,734; Jan. 26.
Gauge: *See*—
Plug gauge.
Gauge and thermometer, Combined sight. M. J. Butler and E. A. Johnson. 1,570,938; Jan. 26.
Gear-shifting mechanism. R. W. Ivins. 1,570,745; Jan. 26.
Glass and article made therefrom. A. H. Compton. 1,570,876; Jan. 26.
Glass cylinders, Manufacture of. W. L. Monro, H. F. Clark, and L. J. Pierce. 1,570,853; Jan. 26.
Glass drawing apparatus. W. L. Monro. 1,570,695; Jan. 26.
Goggles. E. L. Schumacher. 1,571,146; Jan. 26.
Golf club. J. V. T. East. 1,571,109; Jan. 26.
Golf tee. F. B. Hollis. 1,570,743; Jan. 26.
Golf tee. J. W. Sibbald. 1,570,926; Jan. 26.
Grab-hook lock, Safety. V. Soucy. 1,570,865; Jan. 26.
Grate, Camp. L. J. White and O. C. Teufel. 1,570,657; Jan. 26.
Grease Cup, Emergency. P. O. Brown. 1,570,873; Jan. 26.
Grinding and polishing machine. F. Kuhn and L. H. Thomas. 1,570,684; Jan. 26.
Ground-cleaning rake. V. Betés. 1,570,820; Jan. 26.

Guitars, Nut for. J. A. Hattle. 1,571,118; Jan. 26.
Gun, Blasting. E. Hutton. 1,571,123; Jan. 26.
Gun, Grease. J. W. Thomas. 1,571,028; Jan. 26.
Hand brake. A. M. Brenne. 1,570,609; Jan. 26.
Handle: *See*—
Vault handle.
Hanger: *See*—
Brake-beam hanger. Garment hanger.
Door hanger.
Harvester thrasher, Combination. E. Coburn. 1,570,825; Jan. 26.
Hasp. C. B. Holman. 1,570,836; Jan. 26.
Hat. A. Capelle and H. Harris. 1,571,107; Jan. 26.
Hay-loader coupler. J. Furler. 1,570,737; Jan. 26.
Headlight, Dirigible. A. W. Gray. 1,570,888; Jan. 26.
Heat exchanger. B. M. Johnson. 1,570,674; Jan. 26.
Heat interchanger. C. W. Stancliffe. 1,571,068; Jan. 26.
Heater: *See*—
Automobile heater. Water heater.
Heater. E. Witman. 1,571,079; Jan. 26.
Heel for boots and shoes. C. C. Foster. 1,571,112; Jan. 26.
Hitch. J. M. Perkins. 1,571,094; Jan. 26.
Hoist-control unit. H. H. Logan. 1,570,753; Jan. 26.
Hoisting and equalizing apparatus. A. A. Anguish. 1,571,036; Jan. 26.
Holder. A. F. Schläppi. 1,571,145; Jan. 26.
Hood latch. E. L. Crum. 1,570,621; Jan. 26.
Hot-water heaters, Baffle section for. W. H. Miller. 1,570,852; Jan. 26.
Hydraulic jack. W. J. Waters. 1,571,029; Jan. 26.
Ice creeper. G. Solarz. 1,570,791; Jan. 26.
Ignition apparatus. A. A. Kent. 1,570,680; Jan. 26.
Illuminated register. E. J. Ford. 1,570,884; Jan. 26.
Incubator. G. W. Cisco. 1,570,944; Jan. 26.
Incubator. G. W. Cisco and J. F. MacKay. 1,570,945; Jan. 26.
Indicating instrument. L. A. Mapel. 1,570,691; Jan. 26.
Indicator: *See*—
Oil indicator. Music indicator.
Motor indicator. Tension-control indicator.
Inking roller. J. F. Perkins. 1,570,857; Jan. 26.
Inorganic filter aid and producing the same, Recovered. H. S. Thatcher. 1,571,074; Jan. 26.
Insulator. C. E. Banks. 1,570,723; Jan. 26.
Insulators, Iron fitting or bracket for. E. Saignol. 1,571,144; Jan. 26.
Interference, Reducing. H. Nyquist. 1,570,770–1; Jan. 26.
Internal-combustion engine. L. J. Bazzoni. 1,571,175; Jan. 26.
Iron: *See*—
Gas iron.
Ironing board. T. F. Evans. 1,570,955; Jan. 26.
Ironing board. H. E. Janes. 1,570,671; Jan 26
Ironing-board-cover fastener. A. O. Alsager. 1,571,083; Jan. 26.
Jack: *See*—
Hydraulic jack. Lifting jack.
Joint: *See*—
Expansion joint. Rail joint.
Jug. G. E. Curtiss. Des. 69 311; Jan. 26.
Kettles and die therefor, Forming. C. H. Strupe. 1,571,171; Jan 26.
Kiln and like structure and heat treatment. N. Lengersdorff. 1,571,058; Jan. 26.
Kitchen utensils and the like, Power attachment for. E. J. Patelski. 1,570,920; Jan. 26.
Knee pad. D. E. Buchanan. 1,571,088; Jan. 26.
Knife, Vegetable. J. K. Ross. 1,570,707; Jan. 26.
Knitting machine, Double-rib-. J. S. Pecker. 1,570,775; Jan. 26.
Label-applying machine. P. D. Parsons. 1,570,919; Jan. 26.
Lamp, Automobile parking. P. J. Kent. Des. 69,325; Jan. 26.
Lamp front frame. P. J. Kent. Des. 69,324; Jan. 26.
Lamp-shade vent ring. A. Scherer. 1,571,025; Jan. 26.
Lamp, Signal. N. T. Albright. 1,570,605; Jan. 26.
Lamp stands, Arm-supporting bracket for. W. Block. Des. 69,308; Jan. 26.
Lamp stands, Supporting arm for. W. Block. Des. 69,307; Jan. 26.
Lamps, Base for portable electric. G. E. Villaret. Des. 69,336; Jan. 26.
Lamps, Finial for. W. Block. Des. 69,309; Jan. 26.
Last. G. Clausing. 1,570,613–15; Jan. 26.
Lathe. G. D. Sundstrand. 1,570,648; Jan. 26.
Lathe, Automatic. G. D. Sundstrand. 1,570,649; Jan. 26.
Leacher. J. A. Watson. 1,570,807; Jan. 26.
Leather-tempering machine. W. C. Wright and F. W. Merrick. 1,570,693; Jan. 26.
Life-preserving suit. A. Meilland. 1,570,636; Jan. 26.
Lifting jack. J. R. Marchesseault. 1,571,132; Jan. 26.
Lifting jack, High-speed. F. L. Gormley. 1,570,962; Jan. 26.
Light: *See*—
Parking light.
Lighting fixture. A. R. Krause. Des. 69,327; Jan. 26.
Lighting fixture. M. M. Marks. 1,570,759; Jan. 26.
Lighting-fixture arm or article of similar nature. I. Rosenblatt. Des. 69,332; Jan. 26.
Lighting fixture, Ceiling. A. R. Krause. Des. 69,329; Jan. 26.
Lighting-fixture construction. A. F. Wakefield. 1,570,930; Jan. 26.
Lighting-fixture loop. H. A. Sadon. Des. 69,334; Jan. 26.
Lighting fixtures, Backplate for. A. R. Krause. Des. 69,326; Jan. 26.
Lighting fixtures or the like, Loop for. G. E. Villaret. Des. 69,337; Jan. 26.
Link, Fusible. M. K. Hopkins. 1,570,894; Jan. 26.
Livestock, Releasing device for. H. T. Greathouse. 1,570,889; Jan. 26.
Loading machine. J. A. Forsyth. 1,570,829; Jan. 29.
Lock: *See*—
Grab-hook lock. Permutation lock.
Nut lock. Window lock.
Lock for a suitcase or similar article. A. Goertz. Des. 69,318–19; Jan. 26.
Locomotive, Steam. J. Buchli. 1,570,991; Jan. 26.
Looms, Pattern mechanism for. W. J. Lutton. 1,570,903; Jan. 26.
Loop antenna. C. R. Englund and A. Haddock. Des. 69,313–14; Jan. 26.
Machine for handling snow or the like. C. L. Walling. 1,570,806; Jan. 26.
Magnesium, Extruding. R. L. Templin. 1,570,868; Jan. 26.
Mahlstick. L. Gootherts. 1,571,115; Jan. 26.
Manicuring sets, Rack for. F. E. Weigel. Des. 69,338; Jan. 26.
Manifold recording and mailing device. C. D. Schiffer. 1,570,783; Jan. 26.
Mattresses, Method of and apparatus for making. W. C. Lloyd. 1,570,848; Jan. 26.
Measuring device. B. M. W. Hanson. 1,570,831; Jan. 26.
Meat tenderer. J. P. Spang. 1,570,792; Jan. 26.
Mechanical movement. M. Carrasco-Sánchez. 1,570,727; Jan. 26.
Mechanical movement. A. Hayes. 1,571,007; Jan. 26.
Metal-coating machine. F. H. Cunningham and H. W. Moseley. 1,570,949; Jan. 26.
Metal pattern and making it, Deposited-. A. K. Laukel. 1,570,634; Jan. 26.
Metal patterns and metal pattern produced by such method, Production of deposited-. A. K. Laukel. 1,570,635; Jan. 26.
Metal-perforating machine. G. P. Thomas. 1,570,928; Jan. 26.
Metal tubes and strips of angle or other form during heat treatment, Process and apparatus for insuring the straightness of. H. N. Wylie. 1,570,815; Jan. 26.
Metals, Leaching process for the extraction of. W. G. Perkins. 1,570,858; Jan. 26.
Metallic composition and making the same. A. Miller. 1,570,763; Jan. 26.
Milk or cream, Carbonating. D. Sweeney. 1,570,975; Jan. 26.
Milkers, Testing apparatus for use in cow. E. H. Wright. 1,571,080; Jan. 26.
Mirror, Rear-view. E. A. Langley. 1,570,751; Jan. 26.
Mixer: *See*—
Gas mixer.
Mold compound. C. E. Lebr. 1,571,014; Jan. 26.
Mold flask. E. Bossert. 1,570,989; Jan. 26.
Molds, Determining the shape of. T. H. Seely. 1,570,862; Jan. 26.
Molds, Manufacturing coating for permanent metal. F. Mayer. 1,570,969; Jan. 26.
Molds, Protecting the surface of metal. S. M. Udale and D. H. Meloche. 1,570,929; Jan. 26.
Molding machine. A. A. Wickland and F. K. Vial. 1,570,658; Jan. 26.
Motor-controlling means. B. E. Mills. 1,570,911; Jan. 26.
Motor indicator, Spring-. M. Weil. 1,571,031; Jan. 26.
Motor-starting switch. G. H. Whittingham. 1,571,152; Jan. 26.
Motor-vehicle hood. C. I. Dawson. 1,571,090; Jan. 26.
Motors, Short-circuiting device for alternating-current. H. G. Reibel and V. P. Sparks. 1,570,779; Jan. 26.
Mowing machines, Bunching attachment for. C. Herminghuysen. 1,570,965; Jan. 26.
Multiple fastener. J. E. Perrault. 1,571,095; Jan. 26.
Multi-unit package. F. D. Gatchell. 1,571,049; Jan. 26.
Music indicator. W. H. and A. G. Ebert. 1,571,110; Jan. 26.
Musical instruments, Pick holder for fretted. J. Martell. 1,570,905; Jan. 26.
Nailhead-spacing device. C. Flagstad. 1,570,735; Jan. 26.
Necktie-display stand. S. Cohn. 1,570,946; Jan. 26.
Neurovertameter. M. F. O'Connor. 1,571,140; Jan. 26.
Nut and bolt lock, Combined. T. R. Brumfield. 1,570,874; Jan. 26.
Nut lock. A. F. Bartlett and W. F. Straub. 1,571,037; Jan. 26.
Oil burner. W. K. Kise. 1,570,966; Jan. 26.
Oil burner. L. Olson. 1,570,774; Jan. 26.
Oil burner. E. Rizk. 1,570,644; Jan. 26.
Oil-gauge-testing device. M. M. Hutchins. 1,571,055; Jan. 26.
Oil indicator. C. G. Perkins. 1,571,142; Jan. 26.

Oils, Treating hydrocarbon. F. W. Hall. 1,570,890; Jan. 26.
Ophthalmic mounting. L. Dunkelsberg. 1,570,880; Jan. 26.
Ores, Treating sulphide. R. D. Pike. 1,570,777; Jan. 26.
Organ structure, Pipe-. L. M. Rinker. 1,570,780; Jan. 26.
Oven, Coking retort. J. van Ackeren. 1,570,870; Jan. 26.
Oven, Inclined coking retort. J. van Ackeren. 1,570,871; Jan. 26.
Oven, Industrial. W. V. Baker. 1,570,720; Jan. 26.
Packing material. M. P. Ebbesen. 1,570,953; Jan. 26.
Packing, Steam-pipe-connection. H. V. Stevens. 1,570,974; Jan. 26.
Pad: *See*—
Knee pad.
Padlock. A. Drenovics. 1,570,952; Jan. 26.
Pail and clamping ring therefor, Paint. G. E. Mittinger. 1,571,134; Jan. 26.
Paint remover, Composition of matter for a. O. L. Fluegel. 1,570,957; Jan. 26.
Paper-folding machine. C. L. Burdick. 1,571,105; Jan. 26.
Paper-match machine. J. Moscini. Re16,256; Jan. 26.
Parking light. S. Johns. 1,570,673; Jan. 26.
Pencil. W. K. Holmes. 1,571,120; Jan. 26.
Permutation lock. N. Lappas. 1,571,125; Jan. 26.
Photographic pigmentary printing paper. J. Sury. 1,571,103; Jan. 26.
Photographic type-setting machine. J. Robertson. 1,571,170; Jan. 26.
Piano leg or similar article. H. Rothkirch. Des. 69,333; Jan. 26.
Picker stick. J. B. Tatem. 1,570,796; Jan. 26.
Pipe connection. W. B. Graves. 1,570,887; Jan. 26.
Pipe-cutting machine. F. W. Broderick. 1,570,726; Jan. 26.
Pipe wrench. E. J. Evans and W. H. Barber. 1,570,627; Jan. 26.
Piston. J. E. Hoy and N. A. Best. 1,570,837; Jan. 26.
Planters, Spot marker for corn. J. P. Oeschger and E. S. Jones. 1,570,773; Jan. 26.
Plaster terminals, Fastening for. E. H. Jones. 1,570,676; Jan. 26.
Plate or analogous article. H. E. Nock. Des. 69,330; Jan. 26.
Plate or similar article. G. Ellis. Des. 69,312; Jan. 26.
Plate printers, Paper-gripping device for. A. P. Bowers. 1,570,936; Jan. 26.
Plowpoint. A. H. Powell. 1,570,860; Jan. 26.
Plug, Attachment. S. McClatchie. 1,570,690; Jan. 26.
Plug base, Attachment-. W. H. Harrington. Des. 69,321; Jan. 26.
Plug gauge. W. H. Bagley. 1,571,154; Jan. 26.
Power press. A. V. Da Costa. 1,571,044; Jan. 26.
Press: *See*—
Power press.
Press for bookbinders' use, Rotary stamping. J. Murray. 1,571,059; Jan. 26.
Pressing machine, Power. D. H. and H. W. Benjamin. 1,571,040; Jan. 26.
Pressing mechanism. W. H. Cotton. 1,570,618; Jan. 26.
Pressure-relief device. C. W. Obert. 1,461,022; Jan. 26.
Printing apparatus. W. B. Payne, C. G. Tiefel and R. E. Bohrer. 1,570,856; Jan. 26.
Printing presses, Heater for. E. J. Wallace. 1,571,174; Jan. 26.
Printing presses, Sheet-control device for. B. C. White. 1,570,979; Jan. 26.
Pulley: *See*—
Fan-belt pulley.
Pulley drive and belt tightener. J. T. Wright. 1,571,153; Jan. 26.
Pulling device. G. S. Bashline. 1,570,607; Jan. 26.
Pump. F. A. Quiroz. 1,570,861; Jan. 26.
Race-starting machine. R. G. Gray. 1,571,168; Jan. 26.
Rack: *See*—
Roll-changing rack.
Rake: *See*—
Ground-cleaning rake.
Ratchet mechanism. R. A. Delano. 1,570,730; Jan. 26.
Radio ringing system. O. H. Loynes. 1,570,755; Jan. 26.
Radium emanation, Method of and apparatus for purification of. V. F. Hess and E. D. Leman. 1,570,834; Jan. 26.
Rail chair and clamp. A. J. Park. 1,571,141; Jan. 26.
Rail-fastening means. M. G. Hilpert. 1,571,008; Jan. 26.
Rail joint. S. Falcone. 1,570,956; Jan. 26.
Rail joint. D. O. Newport. 1,570,703; Jan. 26.
Rails, Making. E. F. Entwisle. 1,570,999; Jan. 26.
Railway crossings, Automatic signal for. L. L. and D. L. Foss and C. H. Parrish. 1,570,629; Jan. 26.
Railway crossings, Safety approach to. J. Mellor. 1,571,166; Jan. 26.
Railway rails, Joint plate for. G. E. Doan. 1,570,997; Jan. 26.
Railway signaling. H. S. Young. 1,571,034; Jan. 26.
Ramming machine, Sand-. J. S. Townsend. 1,570,652; Jan. 26.
Range, Gas. A. F. Harter. 1,571,053; Jan. 26.
Receptacle closure. R. A. Russell. 1,570,924; Jan. 26.
Refractometer. H. Schulz. 1,570,066; Jan. 26.
Refractor. J. G. Nolen. 1,571,139; Jan. 26.
Refractory materials, Method of and apparatus for drying. W. E. Wilson and H. G. Lykken. 1,570,650; Jan. 26.
Refrigeration. K. De Lony. 1,570,995; Jan. 26.
Refrigerator and display counter, Combined. E. A. Wilkinson. 1,570,811; Jan. 26.
Refrigerator car. K. F. Nystrom. 1,570,855; Jan. 26.
Refrigerator manufacture. L. G. Copeman. 1,570,617; Jan. 26.
Regenerative furnace. T. Burns. 1,570,992; Jan. 26.
Regenerative furnace. N. F. Egler. 1,570,954; Jan. 26.
Register: *See*—
Illuminated register.
Regulator: *See*—
Gas regulator.
Repeaters, Reduction of distortion in multiplex. H. Nyquist. 1,570,772; Jan. 26.
Rim and production of same, Demiamber. E. L. Schumacher. 1,571,067; Jan. 26.
Rim contracting and expanding tool. T. O. Morel. 1,570,971; Jan. 26.
Ring: *See*—
Finger ring. Lamp-shade vent ring.
Rivet construction. E. B. Stimpson. 1,570,715; Jan. 26.
Rodent trap. J. M. Lynn. 1,571,130; Jan. 26.
Roll-changing rack. P. A. Schulz. 1,571,026; Jan. 26.
Roller: *See*—
Inking roller.
Roof or floor construction. H. E. Marks. 1,570,904; Jan. 26.
Rounding and backing machines, Preventing backlash in. A. V. Johnson. 1,570,840; Jan. 26.
Rubber, and to the articles so obtained, Making articles of various shapes directly from solutions or suspensions of. E. Hopkinson and W. A. Gibbons. 1,570,895; Jan. 26.
Safe, Burglarproof. L. A. Ellison. 1,570,882; Jan. 26.
Sash holder. W. D. Foss. 1,570,885; Jan. 26.
Sash, Metal window. C. G. Nelson. 1,570,702; Jan. 26.
Saw guard. A. Flohr. 1,570,628; Jan. 26.
Saw, Power-driven. P. Booth. 1,570,935; Jan. 26.
Scale. F. G. Krueger. 1,570,967; Jan. 26.
Scraper, Road. R. Kurtz. 1,570,845; Jan. 26.
Screening device. C. G. Knoblauch. 1,570,897; Jan. 26.
Sealing lock and door starter. L. V. Calhoun. 1,570,611; Jan. 26.
Sealing lock and door starter. E. Posson. 1,571,158–9; Jan. 26.
Sealing machine. J. A. Schwantes. 1,570,788; Jan. 26.
Seat: *See*—
Folding seat.
Separator: *See*—
Steam separator.
Servomotor. O. Philipp. 1,570,922; Jan. 26.
Sewing-machine loop taker. A. Grieb. 1,570,667; Jan. 26.
Sewing machines, Needlethroat for buttonhole-. A. R. Wood. 1,570,661; Jan. 26.
Sewing machines, Stop mechanism for. G. W. Nelson. 1,570,769; Jan. 26.
Shackle-bolt and spring lubricating means. J. M. Jackson. 1,570,746; Jan. 26.
Shackle bolts, Tool for removing. H. F. Keller. 1,570,749; Jan. 26.
Shade and curtain holder, Combination. R. Jewett. 1,570,747; Jan. 26.
Sheet glass, Method and apparatus for annealing and cooling. F. L. Bishop. 1,570,822; Jan. 26.
Shock absorber. N. T. Albright. 1,570,606; Jan. 26.
Shock absorber. G. Merz. 1,570,908; Jan. 26.
Shock absorber. A. E. Scott. 1,571,147; Jan. 26.
Shocking machine, Automatic. H. J. Miller. 1,570,764; Jan. 26.
Shoe. L. Burger. 1,571,106; Jan. 26.
Shoe-bottom-filling apparatus. L. L. Bentley and J. W. Sloan. 1,570,608; Jan. 26.
Shoe-horn-pulling machine. M. W. Kelly. 1,570,679; Jan. 26.
Shoe-sole trimmer. C. Jackman. 1,570,838; Jan. 26.
Shooting device. F. E. Moorman. 1,570,699; Jan. 26.
Shoveling machine. F. M. Hewitt. 1,570,835; Jan. 26.
Shuttle. W. I. Stimpson and H. A. Davis. 1,571,149; Jan. 26.
Shuttle attachment. T. J. Garisto. 1,571,114; Jan. 26.
Shuttle, Automatically-threading. A. E. Rhoades. 1,571,160; Jan. 26.
Sign, Illuminated. K. Wiegand. 1,570,980; Jan. 26.
Signal: *See*—
Crossing signal.
Signal switch, Traffic safety. R. M. Williams. 1,570,982; Jan. 26.
Signaling, Secret. R. V. L. Hartley. 1,571,005; Jan. 26.
Signaling, Secret. B. W. Kendall. 1,571,010–11; Jan. 26.
Signaling system. R. V. L. Hartley. 1,571,006; Jan. 26.
Silica from ore leaches, Removing. M. Hosenfeld. 1,571,054; Jan. 26.
Slag pocket and draining the same. F. Orth. 1,570,704; Jan. 26.
Slitting machine. J. A. Cameron and R. M. Johnstone. 1,570,939–40; Jan. 26.
Slot-guard device. F. L. Mills. 1,570,909; Jan. 26.
Smoker's accessory. A. Genaille. 1,571,003; Jan. 26.
Snap fastener. H. H. and S. Guttman. 1,571,117; Jan. 26.

Snap fastener. T. H. Lester. 1,571,017; Jan. 26.
Snap switch. C. L. Moyer. 1,570,913; Jan. 26.
Soot blower. L. J. Bayer. 1,571,038–9; Jan. 26.
Sound-wave-intensifying device for reproducers. A. Wyatt. 1,570,662; Jan. 26.
Speed-changing transmission. F. H. Tanner. 1,570,867; Jan. 26.
Spinning machines, Bunch builder for. J. V. Brown. 1,571,155; Jan. 26.
Spring-forming die. W. A. Cook. 1,570,994; Jan. 26.
Spurred pickeroon. D. H. Peavey. 1,571,062; Jan. 26.
Stalk cutter. J. B. Martin. 1,570,850; Jan. 26.
Stand: *See*—
Bowl stand. Necktie-display stand.
Display stand.
Stand for silverware or similar article. A. Karsh. Des. 69,323; Jan. 26.
Starting-switch interlocking device. H. R. Coffman. 1,570,616; Jan. 26.
Steam boiler, Regulable electrical. M. Fuss. 1,571,165; Jan. 26.
Steam purifier. R. W. Andrews. 1,570,985; Jan. 26.
Steam separator. N. T. McKee. 1,570,907; Jan. 26.
Stoker ram. O. Aram. 1,570,604; Jan. 26.
Stone abrasive wheel, Artificial-. H. Amos. 1,570,664; Jan. 26.
Stone and making same, Artificial. S. S. Zottoli. 1,570,817; Jan. 26.
Stopper: *See*—
Bottle stopper.
Stoppers, Air-feed control for. C. C. Hansen. 1,570,964; Jan. 26.
Storage bin or hopper. U. C. Tainton. 1,570,795; Jan. 26.
Stove, Portable electric. T. M. Putnam. 1,570,778; Jan. 26.
Strainer. F. H. Myers. 1,571,138; Jan. 26.
Stretcher. M. E. Livingston. 1,571,126; Jan. 26.
Stringed instruments of the viol class, Automatic. N. B. Cregier. 1,570,947; Jan. 26.
Surface washer. L. G. Clark. 1,570,824; Jan. 26.
Switch: *See*—
Electrical switch. Snap switch.
Motor-starting switch Tramrail switch.
Signal switch.
Switching circuits, Testing system for machine-. W. H. Harden and M. A. Graefenecker. 1,570,741; Jan. 26.
Table: *See*—
Drawing table.
Table and phonograph cabinet, Combined. J. Peterson. 1,570,640; Jan. 26.
Tack-driving device. O. L. Lawson. 1,570,686; Jan. 26.
Tag. J. Straub. 1,571,070; Jan. 26.
Tanks, Gauge for oil. H. R. Smith. 1,570,790; Jan. 26.
Tar burner. W. J. Downing. 1,570,951; Jan. 26.
Tea, coffee, and like pot. C. E. Green and K. S. Stevenson. 1,571,116; Jan. 26.
Teapot, coffeepot, and the like. E. W. Abram. 1,570,818; Jan. 26.
Telegraph receiver, Printing-. H. L. Krum. 1,570,633; Jan. 26.
Telegraph relay. G. L. Rawdon. 1,571,063; Jan. 26.
Telegraphy. L. Connell, Jr. 1,570,877; Jan. 26.
Telegraphy, Printing. L. M. Potts. 1,570,923; Jan. 26.
Tension-control indicator. C. W. Young. 1,570,931; Jan. 26.
Test fixture. J. L. Crouch. 1,570,948; Jan. 26.
Testing apparatus and method. S. Ruben. 1,570,781; Jan. 26.
Thrasher and huller, Combined. W. N. Rumely. 1,570,709; Jan. 26.
Thrashing machine. E. B. Lucas. 1,571,128; Jan. 26.
Thrashing machines, Concave for. U. F. Landis. 1,570,808; Jan. 26.
Tie. A. S. Hoffmeier. 1,571,119; Jan. 26.
Tile, Roof. J. Joaquin. 1,570,839; Jan. 26.
Tire. L. E. Wright and H. B. Costantin. Des. 69,339–40; Jan 26.
Tire armor. T. C. Metcalfe. 1,570,851; Jan. 26.
Tire casing. Pneumatic vehicle. A. A. Wyckoff. 1,570,663; Jan. 26.
Tire-chain fastener. D. A. Ward. 1,570,978; Jan. 26.
Tire-chain tool. W. N. Porter. 1,570,859; Jan. 26.
Tire-inflating mechanism, Automatic. J. T. Talbert. 1,571,072; Jan. 26.
Tire rim, Sectional pneumatic-. F. J. Dour. 1,570,879; Jan. 26.
Tire tread. J. Hauvette-Michelin. Des. 69,322; Jan. 26.
Toilet apparatus. J. H. Murphy. 1,570,766; Jan. 26.
Toilet article. H. Lichtentag. 1,570,688; Jan. 26.
Toilet-article cabinet. G. P. Cumming. Des. 69,310; Jan. 26.
Tools, Latch guard for casing-handling. E. C. Wilson. 1,570,812; Jan. 26.
Toy. A. E. Moorhead. 1,570,698; Jan. 26.
Toy, Animated. C. I. Sweet. 1,571,071; Jan. 26.
Toy-balloon valve. J. D. Reed. 1,570,642; Jan. 26.
Toy, Ferris-wheel. E. H. Tunley. Des. 69,335; Jan. 26.
Toy, Mechanical. B. K. Dennison. 1,570,996; Jan. 26.
Toy vehicle. R. H. Manley. 1,570,849; Jan. 26.
Traction wheel. J. Malzahn. 1,570,758; Jan. 26.
Tractor hitch. I. A. Weaver. 1,571,030; Jan. 26.
Tractors, Steering mechanism for. E. W. Swain and O. E. Smith. 1,570,718; Jan. 26.
Tramrail switch. E. T. Bennington. 1,570,934; Jan. 26.
Transmission and brake bands, Lining for. C. Brahs. 1,571,085; Jan. 26.
Trap: *See*—
Rodent trap.
Trimmer: *See*—
Shoe-sole trimmer.
Trolley wheel. G. Wallet. 1,570,805; Jan. 26.
Trousers, Sports. A. D. Lesser. 1,571,016; Jan. 26.
Truck. A. Schroeder. 1,570,787; Jan. 26.
Truck dump, Automatic. F. E. Schneider. 1,570,785; Jan. 26.
Trucks, Power steering mechanism for logging. J. Hasselberg. 1,570,832; Jan. 26.
Tube: *See*—
Collapsible tube. Flexible tube.
Tube mounting. J. O. Gargan. 1,570,959; Jan. 26.
Two-speed power unit. W. H. Schmidt. 1,570,925; Jan. 26.
Type-line setting and casting machine. E. Uhthoff. 1,571,075; Jan. 26.
Typewriting machine. E. E. Barney. 1,570,988; Jan. 26.
Underwaist. B. Moskowitz. 1,570,912; Jan. 26.
Vacuum cleaners, Polishing attachment for portable. J. R. and W. J. Gilliland. 1,570,739; Jan. 26.
Vault handle, Cement-. T. H. Seifert. 1,570,972; Jan. 26.
Valve. F. L. Hutchinson. 1,571,176; Jan. 26.
Valve adjuster. R. N. Murakami. 1,570,700; Jan. 26.
Valve follower. H. Chandler. 1,570,728; Jan. 26.
Valve for air and combustion gases, Mixing. A. Kolko. 1,571,124; Jan. 26.
Valve for tank cars and the like. S. J. Nordstrom. 1,570,687; Jan. 26.
Valve grinder. R. Wilden, F. J. Winarski, jr., and A. J. Winarski. 1,570,981; Jan. 26.
Valve mechanism, Thermostatic. C. Stickle. 1,570,714; Jan. 26.
Valve, Steam cut-off. A. Böttner. 1,570,990; Jan. 26.
Valve structure. B. W. Danford and E. E. Emshwiller. 1,570,878; Jan. 26.
Valve, Thermostatic. A. Lijeski. 1,570,899; Jan. 26.
Valves, Lubrication system for. W. Trinks. 1,571,150; Jan. 26.
Valves, Seat for flush. W. J. Kirkham. 1,570,681; Jan. 26.
Vehicle lamp control. E. C. Crompton. 1,570,619; Jan. 26.
Vehicle, Motor. A. W. Aitken. 1,571,035; Jan. 26.
Vehicle shipping bracket. C. L. Michod. 1,570,694; Jan. 26.
Vehicle snubber. A. H. Gibson. 1,571,156; Jan. 26.
Vehicles, Bumper for. M. D. Dominguez. 1,570,624; Jan. 26.
Vehicles, Friction clutch for motor. H. J. Leighton. 1,571,015; Jan. 26.
Vehicles, Identification-card and registration-tag holder for motor. L. T. Thorn. 1,570,798; Jan. 26.
Vending machine. P. M. Cook. 1,570,993; Jan. 26.
Vending machine. F. P. Molloy. 1,571,167; Jan. 26.
Vertical boring and turning mills, Work-clamping mechanism for. A. Trosch and G. W. Moreton. 1,570,799; Jan. 26.
Vessels, Hull for. S. Golden. 1,570,961; Jan. 26.
Washtub attachment. W. A. Hill. 1,570,892; Jan. 26.
Washer: *See*—
Surface washer.
Watch guard. W. P. Talbot. 1,571,027; Jan. 26.
Water control, Automatic. M. A. Hagey and L. T. McKee. 1,570,830; Jan. 26.
Water heater, Electric. J. C. Feldman. 1,570,827; Jan. 26.
Water heater, Electric. M. J. Horswill. 1,570,670; Jan. 26.
Weeder, Row. E. A. Scheving. 1,570,782; Jan. 26.
Weeding machine, Railway-track-. A. Scheuchzer. 1,571,099; Jan. 26.
Welding apparatus and the like, Starting an arc in a. F. L. Walker, Jr. 1,570,803; Jan. 26.
Welding system, Arc-. F. L. Walker, jr. 1,570,804; Jan. 26.
Well-cementing plugs, Cup-packing gasket for oil-. Z. A. Dyer and H. H. Dubendorf. 1,571,046; Jan. 26.
Well point. T. F. Moore. 1,570,697; Jan. 26.
Well tool. G. B. Louderback. 1,570,754; Jan. 26.
Wells, Apparatus for drilling oil. J. P. Fisher. 1,570,828; Jan. 26.
Wells, Fishing tool for. J. T. Helbert. 1,570,833; Jan. 26.
Wells, Screen for oil. C. H. Benckenstein. 1,570,725; Jan. 26.
Wheel: *See*—
Stone abrasive wheel. Trolley wheel.
Traction wheel.
Wheel shapes, Apparatus for forming. C. Schenck, L. Fine, and E. Ibach. 1,570,710; Jan. 26.
Wheels, Emergency grip for vehicle. J. O. Stewart. 1,570,713; Jan. 26.
Wick. J. Geppert. 1,570,666; Jan. 26.
Window and ventilator, Combination. H. R. Straight. 1,570,793; Jan. 26.

Window, Curtain. E. B. and F. Nathan. 1,570,768; Jan. 26.
Window frame. S. L. Dennis. 1,571,045; Jan. 26.
Window lock. W. J. Scheld. 1,571,024; Jan. 26.
Windows, Antirattler for. E. Keuser, sr. 1,571,012; Jan. 26.
Windows, Lock mechanism for slidable. W. C. Wallace. 1,570,654; Jan. 26.
Windshield attachment. H. C. Redman. 1,571,097; Jan. 26.
Windshield cleaner. M. I. Kevarl. 1,570,842; Jan. 26.
Wire-drawing blocks, Collecting box for. W. H. Sommer. 1,570,711; Jan. 26.
Wire-tying tool. H. B. Foulder. 1,570,630; Jan. 26.
Wireless-receiving-apparatus cabinet. F. W. Renwick. 1,571,064; Jan. 26.
Wireless telephony and telegraphy, Crystal detector for. W. D. McGowan. 1,571,020; Jan. 26.
Wrench: *See*—
Pipe wrench.
Wrench. J. Sisolak. 1,571,148; Jan. 26.
Wrenches, Brace for drill-rod. J. V. Yount. 1,571,081; Jan. 26.

CLASSIFICATION OF PATENTS

JANUARY 26, 1926.

NOTE.—First number—class, second number—subclass, third number—patent number.

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OFFICIAL GAZETTE

OF THE

UNITED STATES PATENT OFFICE

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VOLUME 343

FEBRUARY

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ERRATA.

Patent Suits, page 229, second column, line 44, for Patent No. "1,359,399" read *1,395,899*.

1,573,742, page 719, in heading, assignment, name of assignee, for Hartford-Fairmont Company, Hartford, Conn., a Corporation of New York, read *Hartford-Empire Company of Hartford, Conn., a Corporation of Delaware.*

1,574,450, page 952, in heading, assignment, name of assignee, for "Bernhart Mercantile Company" read *Barnhart Mercantile Company.*

Patents Nos. 1,571,177 to 1,571,924.

THE OFFICIAL GAZETTE
OF THE
United States Patent Office.

Vol. 343—No. 1. TUESDAY, FEBRUARY 2, 1926. Price—$5 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $5.00 per annum; single numbers, 10 cents each.
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CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

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Total	1,226		

Interference Notices.

U. S. Patent Office, *Washington, Jan. 21, 1926.*

James M. Gaar, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the applications for patent of James M. Gaar, 9 East Thirty-ninth Street, New York, N. Y., and Leslie Stevens, 46 East Houston Street, New York, N. Y., and counsel for Gaar having informed the Office that the present whereabouts of Gaar is unknown to them, notice is hereby given that unless said James M. Gaar, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. Patent Office, *Washington, Jan. 21, 1926.*

James M. Gaar, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the applications for patent of James M. Gaar, 9 East Thirty-ninth Street, New York, N. Y., Jesse B. Hawley, 829 Sixteenth Street, Wilmette, Ill., and Leslie Stevens, 46 East Houston Street, New York, N. Y., and counsel for Gaar having informed the Office that the present whereabouts of Gaar is unknown to them, notice is hereby given that unless said James M. Gaar, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. Patent Office, *Washington, Jan. 21, 1926.*

James M. Gaar, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the applications for patent of James M. Gaar, 9 East Thirty-ninth Street, New York, N. Y., Jesse B. Hawley, 829 Sixteenth Street, Wilmette, Ill., Jesse B. Hawley and Ralph H. Townsend, 829 Sixteenth Street, Wilmette, Ill., and 209 Hillside Avenue, Mount Vernon, N. Y., respectively, Benjamin F. Miessner, South Orange, N. J., and Leslie Stevens, 46 East Houston Street, New York, N. Y., and counsel for Gaar having informed the Office that the present whereabouts of Gaar is unknown to them, notice is hereby given that unless said James M. Gaar, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. Patent Office, *Washington, Jan. 15, 1926.*

Robert Carr, his assigns or legal representatives, take notice:

An interference has been declared by this Office between applications for patents filed by Thomas Lonet, of 273 Ninth Street, Oakland, Calif., and Robert Carr, of General Delivery, Anaconda, Mont. Counsel for Carr states that the present whereabouts of Carr is unknown to him. Notice is hereby given that unless said Carr, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

Notice of Cancellation.

U. S. Patent Office, *Washington, Jan. 19, 1926.*

New York Incandescent Lamp Company, its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Manhattan Electrical Supply Company, Incorporated, of 17 Park Row, New York, N. Y., to effect the cancellation of the trade-mark registration of the New York Incandescent Lamp Company, of 132 West Fourteenth Street, New York, N. Y., No. 82,351, dated June 20, 1911, and the notice of such proceeding sent by registered mail to the said New York Incandescent Lamp Company at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said New York Incandescent Lamp Company, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the Official Gazette for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

Condition of Applications Under Examination at Close of Business January 22, 1926.

Room No.	(Total number of applications awaiting action, exluding Trade-Mark Division, 41,046; Trade-Mark Division, 2,153. Oldest new case, July 25, 1925; oldest amended, July 22, 1925. The dates given are 1925 except where † indicates 1926.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Harrows and Diggers; Plant Husbandry; Plows; Planting; Scattering Unloaders.	Oct. 28	Oct. 31	594
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Sept. 22	Aug. 24	581
331	3. RICH, WM. J., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 3	Nov. 4	679
234	4. MERRITT, A. D., Conveyers, Chutes, Skids, Guides, and Ways; Conveyers, Fluid Current; Conveyers, Power Driven; Excavating; Handling—Hand and Hoist-Line Implements; Material or Article Handling; Pushing and Pulling Implements; Traversing Hoists.	Oct. 26	Oct. 31	549
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording and Reproducing; Tying Cords or Strands.	Aug. 24	Sept. 2	824
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Hides, Skins and Leather; Sugar and Starch; Concentrating Evaporators.	Oct. 24	Oct. 23	1,033
105	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Nov. 2	Nov. 3	782
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Oct. 30	Oct. 29	1,164
221	9. TRYON, F. M., Air and Gas Pumps; Hydraulic Motors; Injectors and Ejectors; Motors, Fluid; Motors, Fluid Current; Pumps.	Oct. 16	Oct. 5	620
118	10. HUNTER, O. F. (Acting), Motor Vehicles; Land Vehicles—Animal Draft Appliances, Bodies and Tops, Dumping.	Sept. 24	Oct. 2	1,012
148*	11. ARMSTRONG, H. C., Boot and Shoe Making; Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whips and Whip Apparatus; Cutting and Punching Sheets and Bars; Driven, Headed, and Screw-Threaded Fastenings.	Oct. 29	Oct. 23	794
380	12. PIERCE, P. P., Machine Elements	Oct. 13	Oct. 14	661
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning.	Oct. 9	Oct. 20	681
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Sept. 21	Sept. 19	873
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Oct. 27	Oct. 27	638
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Sept. 5	Sept. 10	963
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Oct. 22	Oct. 24	366
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 1	Aug. 27	808
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Sept. 28	Nov. 18	474
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Nov. 2	Nov. 5	735
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Oct. 8	Oct. 16	454
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms; Ordnance; Ammunition and Explosive Devices; Ammunition and Explosive-Charge Making; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Nov. 3	Nov. 14	490
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Sept. 10	Aug. 14	309
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Nov. 2	Nov. 23	506
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Nov. 2	Oct. 26	725
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Aug. 3	Aug. 7	745
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Nov. 23	Nov. 23	505
225	28. BENSON, A. R., Internal-Combustion Engines	Nov. 23	Nov. 24	693
160*	29. MORRIS, B. N., Abrading; Boring and Drilling; Button Making; Chucks or Sockets; Coopering; Tool-Handle Fastenings; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	July 27	July 22	1,059
248	30. SULLIVAN, M. R., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Oct. 23	Nov. 6	855
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Nov. 25	Nov. 23	673
249	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Aug. 22	Aug. 21	629
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Nov. 23	Nov. 13	647
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways; Railway Rolling Stock; Railway Switches and Signals; Railways, Surface Track; Railway Wheels and Axles; Store Service; Track Sanders; Vehicle Fenders.	Aug. 25	Sept. 1	707
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Oct. 19	Nov. 14	511
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Sept. 26	Oct. 14	1,151
224*	37. TAYLOR, E. C., Electricity, Circuit Makers and Breakers	Oct. 12	Oct. 15	826
115	38. IDE, G. R., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Aug. 20	Aug. 10	885
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Oct. 19	Nov. 2	473
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Cloth, Leather, and Rubber Receptacles; Deposit and Collection receptacles; Metallic Receptacles; Package and Article Carriers; Paper Receptacles; Special Receptacles and Packages; Wooden Receptacles.	Oct. 10	Oct. 13	1,177
125	41. BROWN, J. I., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Oct. 24	Oct. 22	413
223*	42. CUTTING, H. O., Electrical Conduits and Housings, Electric Signaling	Aug. 28	Aug. 27	1,216
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Oct. 19	Oct. 22	766
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	July 25	July 25	871
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Oct. 13	Oct. 16	587
233	46. WOLCOTT, C. L., Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Oct. 21	Oct. 14	603
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Sept. 28	Sept. 24	1,121
213*	48. ROEPKE, O. B., Electricity, Conductors; Electricity, General Applications	Aug. 18	Aug. 19	1,592
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Pneumatics; Velocipedes; Driers; Liquid Separation or Purification.	Oct. 1	Oct. 27	661
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Sept. 16	Sept. 21	1,151
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission; Electric Lamps	Aug. 29	Aug. 13	1,680
144	52. MORGAN, E. T., Supports; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings.	Nov. 19	Nov. 13	546
241*	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Nov. 2	Oct. 26	662
102	DESIGNS: C. O. MARKHAM (Acting)	†Jan. 6	†Jan. 6	235
163	TRADE-MARKS, LABELS, AND PRINTS: T. L. MEAD, JR. {Trade-Marks	Dec. 21	†Jan. 8	2,053
	{Labels and Prints	Dec. 23	†Jan. 15	100

*Refers to room numbers in the annex

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decisions.

EX PARTE SUTTON.

Decided February 9, 1925.

1. FINAL REJECTION IN SECOND OFFICE ACTION—PETITION TO SET ASIDE.

Where the Examiner in his first action fully pointed out why in his opinion the reissue of the patent could not be granted and cited references against the claims, applying them specifically, and the applicant did not amend the claims, but merely argued why the reissue should be granted, denying the pertinence of the references and pointing out what they disclosed, but not pointing out in detail why they did not meet the claims, *Held* that the Examiner properly made the rejection final in his second action where he was still of the opinion that his refusal was correct.

2. SAME—SAME—REQUEST FOR OPPORTUNITY TO REPLY TO EXAMINER'S ANSWER.

Where an applicant petitions that a final rejection be set aside and the case reopened for further prosecution, requesting that he be given an opportunity to reply to the Examiner's answer, and the record shows that a reply is unnecessary, action on the petition will not be delayed to permit the petitioner to reply.

ON PETITION.

MUD-GUARD LIGHTS.

Mr. Fred H. Hayn for the applicant.

ROBERTSON, *Commissioner:*

Applicant petitions that the final rejection in this case be set aside and the case reopened for further prosecution.

The Examiner in his first action fully pointed out why in his opinion the reissue of the patent could not be granted and cited a number of references against the claims, applying them specifically. In his response the applicant did not amend the claims, but merely presented an argument as to why in his opinion the reissue should be granted, and while referring to the references more or less in detail as to what they disclosed, but not pointing out in detail why they did not meet the claims, said that not a single reference cited had any bearing on applicant's inventive idea and that none of the references could be combined to anticipate that idea.

[1] As the Examiner was not convinced by this argument, but was still of the opinion that his refusal was correct, he properly made the rejection final, even though it was only the second action in the case. See *Ex parte Handel*, 162 O. G. 999.

[2] In his petition applicant requests that he be given an opportunity to reply to the Examiner's answer. The Examiner reported that he did not think that an answer was necessary, as the record spoke for itself. A review of the record shows that the Examiner was correct in this view, and no reason is seen for further delaying action on the petition.

The petition is denied.

HOLT *v.* RIMAILHO.

Decided April 3, 1924.

1. INTERFERENCE—REDUCTION TO PRACTICE—DILIGENCE.

In cases where the invention can be used only by the Government and Government aid is necessary in securing an actual reduction to practice it often requires a long time to secure such actual reduction to practice.

2. SAME—SAME—SAME.

It is not required that all an inventor's time be given to reducing an invention to practice or that he rush into the Patent Office with an application on an incompletely-developed construction. All that is necessary is that under the particular circumstances of the case the inventor be reasonably diligent.

3. SAME—SAME—SAME.

Where there is no evidence that R. had actually reduced the invention to practice and given it to the world prior to H.'s filing date, the delay of H. is not so important as if he had been spurred to activity by seeing the invention made public by his opponent.

4. SAME—SAME—INVENTION USABLE ONLY BY A GOVERNMENT.

Where the invention involves a construction which would not be used by the public generally or any part of it, but only by a Government, and the practicability of the invention, the value of it, as well as the particular embodiment of the reduction to practice would have to be determined by Government representatives, and their judgment of what would be needed and how it should be constructed would be a necessary and vital factor in any reduction to practice, no individual or company would be justified in attempting a reduction to practice.

5. SAME—ISSUE—PRIORITY AWARDED TO DIFFERENT PARTIES ON COUNTS NOT PATENTABLY DISTINCT.

Where priority was awarded to H. on counts covering the general combination and to R. on count 1 because it recited a specific unpatentable feature which H. failed to show, the Examiner was instructed to reject in R.'s application the claim involved in count 1.

(*Affirmed by the Court of Appeals of the District of Columbia. See p. 6 post.*)

Patent interference No. 46,089.

APPEAL from the Examiners in Chief.

GUN CARRIAGE.

Patent granted to Pliny E. Holt June 20, 1920, No. 1,344,397, on application filed May 14, 1917, Serial No. 168,386.

Application of Emile Rimailho filed July 27, 1917, Serial No. 183,198.

Messrs. Strong & Townsend and *Messrs. Church & Church* for Holt.

Messrs. Munn & Co. for Rimailho.

KINNAN, *First Assistant Commissioner:*

This is an appeal by the junior party, Holt, from the decision of the Examiners in Chief reversing the decision of the Examiner of Interferences and awarding priority to the senior party, Rimailho.

The Examiner of Interferences awarded priority as to all of the counts to Holt. The Examiners in Chief awarded priority as to counts 1, 2, 3,

and 7 to Rimailho, and recommended that the interference be dissolved as to counts 4, 5, 6, and 8 on the ground that Rimailho has no right to make these counts. Holt appealed as to counts 1, 2, 3, and 7. Rimailho moved for suspension of the interference and determination of the question of his right to make counts 4, 5, 6, and 8. He also proffered an amendment to his specification and drawings. The commissioner denied this motion, saying:

> At the hearing on Holt's appeal this matter will be reviewed and the question of approving or disapproving the recommendation of the Examiners-in-Chief considered, as well as the admissibility of the proposed amendment to the Rimailho application.

It is thus seen that the case is before me for the consideration of priority as to some counts and the right of Rimailho to make the remaining counts.

The invention relates to means for transporting heavy artillery and involves a construction in which the gun-supporting frame has its respective ends carried by separately-driven tractors of the caterpillar type. The issue is stated in eight counts, of which the following are illustrative:

> 1. A gun carriage comprising a main frame and a self-propelled tractor truck mechanism at each end supporting the same, each of said truck mechanisms being pivotally connected for turning movement relative to the frame, the connection being such as to permit rocking movement of the truck mechanism about transversely and longitudinally extending axes.
>
> 4. A gun carriage comprising a substantially rigid main frame, tractor truck mechanism pivotally connected at each end thereof, each of said truck mechanisms comprising self-propelled, self-laying tracks at each side, and means for controlling the operation of the tracks to steer the trucks.
>
> 6. In a gun carriage, a main frame, and independent tractor truck mechanisms each embodying a motor and traction members, said truck mechanisms being pivotally and detachably connected to opposite ends of the main frame and interchangeable with railway truck mechanism.
>
> 8. A big gun mounting, which consists in the combination of a longitudinal gun carriage frame supporting the gun and mobile traction members pivotally connected to the gun carriage frame, and connections for propelling the traction members in any desired direction, whereby the gun frame may be moved forward or backward, sidewise, obliquely, or be turned upon an axis lying within the length of the gun carriage.

On motion to shift the burden of proof Rimailho has been given the benefit of the date of filing in France of the French application corresponding to the Rimailho application here involved. Holt contends that Rimailho is not entitled to this date, because he has not proved that the French application was filed by his legal representatives or assigns or with his consent. For the reasons stated by the Examiner of Interferences (Holt's record, pp. 6 to 9) in his decision on Rimailho's motion to shift the burden of proof, it is believed that Rimailho has established his right to this date, which is August 30, 1916. Since Rimailho has not taken any testimony, he is only entitled to this date of August 30, 1916, for both conception and reduction to practice.

Holt's appeal alleges error on the part of the Examiners in Chief in holding he had not proved conception as to count 1 prior to August 30, 1916, and in holding him nondiligent in reducing the invention to practice.

Count 1 requires a pivotal connection between each end of the gun carriage and the corresponding truck mechanism which permits rocking movement of the truck mechanism about transversely and longitudinally extending axes. Holt relies upon his drawing (Exhibit F), dated "8—26—16," and his answer to cross-questions 21 and 22 to establish a conception of this specific type of connection as of that date, although he admits that the connection is not shown in detail in the drawing. The companion drawing (Exhibit E) shows the general combination, but also fails to show the rocking features claimed. Wickersham, who made these drawings, testified in answering cross-question 17 that the connection—

> consists of a rocking joint for longitudinal rocking, that is, rocking longitudinally with the truck frame, and a turn-table between this rocking joint and the gun-frame.

He said nothing about any provision for transverse rocking. In the absence of the showing of this feature in the drawings, as well as any corroboration by Wickersham of its presence in the designed construction of that date, Holt's unsupported testimony can not be accepted as proof of conception of the invention defined in count 1 prior to August 30, 1916. As to this count, therefore, Rimailho is entitled to the award of priority as the first to conceive and the first to reduce to practice.

It is believed that Holt's proofs of conception of the remaining counts as early as August 26, 1916, are sufficient. Each of the drawings Exhibits D, E, and F bears this date. Wickersham positively testified that he had completed these drawings at that time. His testimony taken in connection with the testimony of Holt and these exhibits is convincing of conception and disclosure by Holt as early as August 26, 1916. The question of Holt's diligence from August 30, 1916, when Rimailho entered the field, until May 14, 1917, when Holt constructively reduced to practice by filing his application, must, therefore, be considered.

Holt's activities relative to the invention in issue were not continuous throughout this period. It remains to be seen whether his intermittent activities under the circumstances of the case constituted reasonable diligence.

Holt was vice president and director of engineering of the Holt Manufacturing Company, which had offices and factories at Stockton, Calif., and at Peoria, Ill. This company manufactured caterpillar tractors, harvesters, plows, etc. During the month of October, 1916, Holt made a trip from California to Washington, D. C., and sought to interest the War Department in the invention. He testified that he took the drawings, Exhibits E and F, with him and left them with Major Dillard until December, 1916, when he recovered them on a subsequent trip. In his October interview with Major Dillard Holt testified that he requested immediate action, but that Major Dillard told him they did not have any money available for new development work, and that while they would be only too glad to take the matter up and help him all they could, they were helpless. Dillard said, however, according to Holt, that there was some money available which could be used to develop a tractor to carry an antiaircraft gun, and it was agreed between them that this would serve "just as a starter"—that is, would furnish data from which to determine the necessary steps in reducing the invention to practice. The next step he took with the instant invention was to submit the drawings to his patent attorney, Townsend, in January, 1917. Townsend advised against filing an application until they had inquired into the general state of the art, to which Holt consented. Townsend then instructed his associates at Washington, D. C., and London to investigate the patented state of the art in the United States and England, respectively. Following reports from said associates Townsend prepared the Holt application, which was executed on May 4, 1917, and filed on May 17, 1917.

[1, 2] Holt was very busy on other work during this period. The Examiner of Interferences thought, however, he was under all the circumstances reasonably diligent in reducing the invention to practice. The Examiners in Chief held he was nondiligent. It must be recognized that in cases where the invention can be used only by the Government, and that Government aid is necessary in securing an actual reduction to practice, it often requires a long time to secure such actual reduction to practice. The Government moves slowly, and an outsider can seldom hurry it. It is not required that all an inventor's time be given to reducing an invention to practice or that he rush into the Patent Office with an application on an incompletely-developed construction. All that is necessary is that under the particular circumstances of the case the inventor be reasonably diligent. *Christensen* v. *Ellis*, 94 O. G. 2561; 17 App. D. C. 498; *Nelson* v. *Faucette*, 143 O. G. 1348; 33 App. D. C. 217.

[3] In the case at bar there is no evidence that Rimailho had actually reduced the invention to practice and given it to the world prior to Holt's filing date. The delay of Holt, in consequence, is not so important as if he had been spurred to activity by seeing the invention made public by his opponent. *Ritter* v. *Krakau and Connor, jr.*, 114 O. G. 1553; 24 App. D. C. 271.

[4] The invention in the instant case is of an unusual character in that it involves a construction which would not be used by the public generally or any part of it, but only by a Government. No individual or company would be justified in attempting a reduction to practice of such an invention, because the practicability, the value of it, when reduced to practice, as well as the particular embodiment of that reduction to practice, would have to be determined by Government representatives. Their judgment of what would be needed and how it should be constructed would be a necessary and vital factor in any reduction to practice. It was natural Holt should seek Government representatives, as he sought Major Dillard, and lay the invention before them. This was about all he could do, because, the Government being the only interested purchaser or user, there was no use to proceed further except in accordance with directions and aid from the Government officials. The interview with Major Dillard, as testified to by Holt, did not result in such a final disposition of the matter as to warrant Holt in concluding the Government would never want to use the invention. The fact that no money was available at the time of the interview would not mean the inventor was to understand that none would ever be available and the Government would never aid in reducing the invention to practice or use it. Holt testifies that everyone felt at that time this country was soon to join in the war. This being true, he was justified in leaving his drawings with the War Department until December, 1916, because this officer had expressed great interest in the invention and had said the department "would be only too glad to take this up and help us all they possibly could." Under the circumstances of impending entrance into the war it was probable money would be available later to be used in a reduction to practice of the invention, especially if this country actually entered the war. The interview, as testified to by Holt, resulted in some steps being taken with the building of a caterpillar tractor to carry an antiaircraft gun, and these experiments were of a nature to be helpful in any subsequent reduction to practice that should be attempted.

After Holt, in December, 1916, again obtained the drawings he had left with Major Dillard his steps looking to the obtaining of a patent seem to have been taken with reasonable diligence, considering the character of the invention, the advice of his attorney to delay until the art was investigated, and the disturbed conditions abroad where the searches of the prior art were prosecuted. Under all the circumstances it would seem Holt's activities were as great as those of Dickinson in the case of *Dickinson* v. *Swinehart*, 273 O. G. 407; 263 Fed. 474; 29 App. D. C. 222. It is believed the conclusion of the Examiner of Interferences that Holt was not fatally lacking in diligence is sound.

The Examiners in Chief held that Rimailho has no right to make counts 4, 5, and 8, because he has not disclosed steering of the tractors by the traction elements or tracts, as therein defined, or count 6, because he has not disclosed the feature of interchangeable tractor and railway truck mechanisms. Rimailho's drawings show, more or less diagrammatically, separate tracks at the sides of each truck and a driving motor *f* located between each pair of tracks. He says in his specification that his device can make abrupt turns. It is believed that counts 4 and 5 are within his disclosure.

No suggestion is found in the Rimailho application of the detachable connections and interchangeable truck mechanisms referred to in count 6. Rimailho can not make this count.

As shown in Fig. 4 of Rimailho's drawings, the right-hand end of the gun beam *a* and the gun *i*

are located between the opposite sides of the bracket member *m*. The right truck *e* can have only a limited turning movement in a horizontal plane with respect to the main frame *a*. It can not be sufficiently turned to cause the gun frame *a* to move sidewise as distinguished from obliquely. Such structure is required by count 8, and Rimailho can not make this count.

Rimailho's lack of right to make counts 6 and 8 constitutes another reason for awarding these counts to Holt.

The proposed amendment to Rimailho's specification and drawing is considered within his original disclosure. *Ex parte Snyder*, 22 O. G. 1975; *Ex parte Wareman*, 97 O. G. 1600; *Hopkins* v. *Newman*, 134 O. G. 2028; 30 App. D. C. 402. Its entry after the termination of this interference is approved.

[5] The decision of the Examiners in Chief awarding priority to the senior party, Rimailho, as to count 1 is affirmed; but this count is held not patentable over the invention recited in the other counts. The recommendation of the Examiners in Chief that the interference be dissolved as to counts 4, 5, 6, and 8 is not approved, and their decision awarding priority as to counts 2, 3, and 7 to Rimailho is reversed. Priority as to counts 2 to 8, inclusive, is awarded to Holt. The Examiner, if this holding is not reversed or modified on appeal, will reject in Rimailho's application the claim involved in count 1.

Court of Appeals of the District of Columbia.

RIMAILHO *v.* HOLT.

No. 1,721. Decided December 7, 1925.

APPEAL from Patent Office. Affirmed.

(For Commissioner's Decision see p. 3 ante.)

Mr. E. G. Curtis, *Mr. A. D. Adams*, and *Mr. Nichol M. Sandhoe* for Rimailho.

Mr. Melville Church for Holt.

Before MARTIN, Chief Justice, ROBB, Justice, and SMITH, Judge U. S. Court of Customs Appeals.

ROBB, *J.*:

Appeal from a decision of the Patent Office in an interference proceeding awarding priority of invention to the party Holt.

The invention covers means for supporting heavy artillery and involves a construction in which the gun-supporting frame has its ends carried by independently-driven tractors of the caterpillar type. In the Patent Office the issue largely turned upon the question of Holt's diligence, Rimailho not having taken any testimony. The evidence has been fully and carefully reviewed by the tribunals of the Office and we agree with the conclusion reached that Holt, in view of the circumstances surrounding him, his conduct after conception and the character of the invention, was reasonably diligent. The decision therefore is affirmed.

Affirmed.

ADJUDICATED PATENTS.

(D. C. R. I.) The Wachenheimer and Davis patent, No. 1,219,683, for chain for use in jewelry art, *Held* valid and infringed. *Wachenheimer Bros.* v. *Lerner*, 8 F. (2d) 557.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

404,414, W. R. Jones, Molten pig metal, appeal filed Oct. 31, 1925, C. C. A., 8th Cir. (St. Louis), Doc. 1231, *Carnegie Steel Co.* v. *Colorado Fuel & Iron Co.*

787,814, J. D. Wolf, Separation of metals from their ores, suit filed Apr. 11, 1922, D. C. N. J., Doc. 3538, *Wolf Mineral Process Corp.* v. *Utah Consolidated Mining Co.* Consent order of discontinuance Nov. 9, 1925.

878,435, R. Varley, Induction coil; 884,116, E. Q. Williams, Electric ignition spark, suit filed Dec. 22, 1923, D. C. N. J., Doc. E 267, *The Unit Coil Co.* v. *Ford Motor Co.*

879,532, L. de Forest, Space telegraphy, suit filed Feb. 2, 1924, D. C. N. J., Doc. E 344, *Radio Corp. of America et al.* v. *Ajax Radio Corp. et al.*

884,116. (See 878,435.)

891,898, F. M. Becket, Process of making low-carbon metals or alloys, final consent decree sustaining patent but no injunction to issue, patent expired (notice dated Nov. 27, 1925), D. C., S. D. N. Y., Doc. E 27/256, *Electro Metallurgical Co.* v. *U. S. Ferro Alloys Corp.*

905,418, W. T. Gordon, Collar-fastening clip, final decree for plaintiff for perpetual injunction (notice dated Dec. 1, 1925), D. C. R. I., Doc. 184, *Comfort Collar Clip Co.* v. *A. Bellin et al.*

955,459, P. C. Hewitt, Apparatus for transmitting and utilizing electric currents; 955,460, same, Method of transmitting and utilizing electric currents, consent decree Nov. 14, 1925, D. C. N. J., Doc. E 1014, *Cooper Hewitt Electric Co. et al.* v. *Forest Electric Co.*

955,460. (See 955,459.)

957,768, G. W. Goodridge, Pull socket, suit filed Oct. 23, 1925, D. C. N. J., Doc. E 1519, *The Bryant Electric Co.* v. *S. Forster (Star Electrical Supply Co.)*.

1,018,502 (*a*), Just & Hanaman, Incandescent body for electric lamps; 1,082,933, W. D. Coolidge, Tungsten and method of making same for use as filaments of incandescent electric lamps, etc.; 1,423,956, Mitchell & White, Tipless incandescent lamps and similar article; 1,423,957, same, Mitchell & White, Stem-making machine, consent decree Nov. 19, 1925, D. C. N. J., Doc. E 1064, *General Electric Co.* v. *I. B. Trimmer.*

1,018,502, (*b*), Just & Hanaman, Incandescent body for electric lamps; 1,082,933, W. D. Coolidge, Tungsten and method of making same for use as filaments of incandescent electric lamps, etc., suit filed Feb. 18, 1924, D. C. N. J., Doc. E 354, *General Electric Co.* v. *S. Pearl.* Consent decree for injunction Mar. 20, 1924.

1,029,042, W. E. Beede, Electrical measuring instrument suit filed Nov. 23, 1925, D. C. Mass., Doc. E 2498, *The Sterling Mfg. Co.* v. *Lundquist Tool & Mfg. Co.*

1,029,541, L. A. Haustetter, Dishwashing machine, filed consent and order of discontinuance Nov. 27, 1925, D. C., S. D. N. Y., Doc. E 27/46, *L. A. Haustetter et al.* v. *L. Barth & Sons, Inc.*

1,074,720, H. Honigmann, Automatic feeding device for printing presses; 1,363,200, Wells & Hunter, Automatic feed and delivery for platen presses, claims 13 to 17 of Patent 1,363,200 held valid, claims 1, 2, 10, 21, and 22 of Patent 1,074,720 held invalid; decree of lower court affirmed (notice dated Oct. 30, 1925), C. C. A. (3d Cir.), Doc. 3209, *Miehle Printing Press & Mfg. Co. et al.* v. *Miller Saw Trimmer Co.*; and Doc. 3210, *Miller Saw Trimmer Co.* v. *Miehle Printing Press & Mfg. Co. et al.* (To correct error in 341 Official Gazette 1051.)

1,082,933. (See 1,018,502 (*a*) and (*b*).)

1,125,935, 1,172,864, 1,212,175, 1,256,102, 1,258,302, 1,274,369, 1,294,755, V. Bendix, Starter for engines, consent decree for plaintiff (notice dated Nov. 23, 1925), D. C., E. D. N. Y., Doc. 2185, *Eclipse Machine Co.* v. *Welworth Auto Supply Co., Inc., et al.*

1,140,559, G. Atterbury, Cementitious composition, appeal filed Nov. 23, 1925, C. C. A. (2d Cir.), Doc. 8978, *Nailcrete Corp.* v. *P. Mende, Inc.*

1,172,864. (See 1,125,935.)

1,181,046, A. J. Tizley, Electric-lamp switch, suit filed Oct. 23, 1925, D. C. N. J., Doc. E 1518, *Bryant Electric Co.* v. *S. Forster (Star Electrical Supply Co.)*.

1,182,290, G. S. Meikle, Rectifier and method of operating same; 1,266,517, same, Rectifier; 1,208,597, G. M. Mackay, Inclosed-arc device and method of operating same; 1,393,520, E. Friederich, Inclosed arc device and method of starting same, consent decree Nov. 14, 1925, D. C. N. J., Doc. E 1013, *General Electric Co.* v. *Forest Electric Co.*

1,208,597. (See 1,182,290.)

1,212,175. (See 1,125,935.)

1,239,688, G. F. Harris, Combination pet-cock wrench and cleaning tool, suit filed Dec. 10, 1923, D. C. N. J., Doc. E 258, *G. F. Harris et al.* v. *E. A. Whitehouse Mfg. Co. et al.* Consent decree for injunction Jan. 8, 1924.

1,256,102. (See 1,125,935.)

1,256,906, W. Kelly, Well point (and 1,360,301, O. R. Kirschke, Sand strainer, included by answer), appeal filed Nov. 14, 1925, C. C. A. 8th Cir. (St. Louis), Doc. 7237, *Kelly Well Co.* v. *Kirschke Concrete Well Co. et al.*

1,258,302. (See 1,125,935.)

1,266,517. (See 1,182,290.)

1,274,369. (See 1,125,935.)

1,294,755. (See 1,125,935.)

1,307,733, A. V. Gullborg, Lubricating apparatus, suit filed Nov. 16, 1925, D. C., E. D. Ark. (W. Div.), Doc. E 2196, *The Bassick Mfg. Co.* v. *J. B. Cook Auto Machine Co.*

1,313,412, E. V. Noser, Lock for shift levers of automobiles, cause remanded to district court with directions to modify its decree Nov. 21, 1925, C. C. A. 8th Cir. (St. Louis), Doc. 7009, *Johnson Automobile Lock Co.* v. *Noser Instant Auto Lock Co.*

1,320,224, G. W. Garman, Suction-producing apparatus, suit filed Dec. 18, 1923, D. C. N. J., Doc. E 264, *Motor Players Corp.* v. *Piano Motors Corp.*

1,320,354, J. H. Adams, Oil-converting process; 1,320,727, same, Apparatus and method for the conversion of liquids, fluids, and oils; 1,327,263, same, Process for the conversion of liquids, fluids, and oils, suit filed Jan. 21, 1924, D. C. N. J., Doc. E 309, *The Texas Co.* v. *Warner Quinlan Co.*

1,320,727. (See 1,320,354.)

1,327,263. (See 1,320,354.)

1,360,301. (See 1,256,906.)

1,363,200. (See 1,074,720.)

1,376,125, J. L. Wentz, Device for positioning apparatus and the like, suit filed Feb. 9, 1924, D. C. N. J., Doc. E 348, *Portable Machinery Co., Inc.*, v. *Robins Conveying Belt Co.*

1,381,172, Davis & Helfman, Davenport bed, decree reversed Nov. 9, 1925, and cause remanded with instructions to grant injunction, C. C. A. 8th Cir. (St. Louis), Doc. 7013, *Davis Mfg. Co.* v. *Levin Bros.*

1,393,520. (See 1,182,290.)

1,423,956. (See 1,018,502 (*a*).)

1,423,957. (See 1,018,502 (*a*).)

1,436,394, P. E. Hawkinson, Process of repairing pneumatic tires and an improved patch, suit filed Nov. 25, 1925, D. C., S. D. N. Y., Doc. E 34/323, *The Kehawke Mfg. Co.* v. *The Eastern Tire & Rubber Co., Inc.*

1,506,014, W. G. Lindsay, Decorated body and process of making same, suit filed Dec. 24, 1924, D. C. N. J., Doc. E 1006, *The Celluloid Co.* v. *Nixon Nitration Works.* Final consent decree Nov. 19, 1925.

1,511,812, P. H. Horwitt, Dispensers for napkins and like articles, suits filed Nov. 24, 1925, D. C., S. D. N. Y., Doc. E 34/319, *Independent Paper Mills, Inc.*, v. *J. Sonnenschein;* and Doc. E 34/320, *Independent Paper Mills Inc.* v. *J. & S. Supply Co., Inc.*

1,512,296, E. Michel, Rotary cutting implement, suit filed Dec. 1, 1925, D. C., S. D. Ohio (W. Div.), Doc. E 400, *Michel Electric Hand Saw Co.* v. *The Crowl Mfg. Corp.*

1,523,861, C. C. Collette, Paper clip, suit filed Nov. 27, 1925, D. C., E. D. Mich. (S. Div.), Doc. 1264, *C. C. Collette et al.* v. *The George A. Drake & Co.*

1,542,693, Gordon & Eckstein, Table, suit filed Nov. 28, 1925, D. C., S. D. N. Y., Doc. E 34/324, *S. Gordon et al.* v. *L. Valentine.*

1,551,404, W. E. Kennison, Clasp for necklace and the like, suit filed Dec. 1, 1925, D. C. R. I., Doc. 232, *W. E. Kennison* v. *Brier Mfg. Co.*

T. M. 22,406. (See T. M. 47,189.)

T. M. 47,189, T. M. 22,406, The Coca Cola Co., Nutrient or tonic beverage, suit filed Oct. 27, 1925, D. C. Minn. (2d Div.), Doc. E 78, *The Coca Cola Co.* v. *J. C. Jenson.*

TRADE-MARKS CANCELED.

86,455. Perfumes, toilet water, face cream, tooth paste, and tooth powder. Paul Rieger & Co., San Francisco, Calif. Registered May 7, 1912. Canceled January 15, 1926.

140,308. Certain named elevators, escalators, carriers, inclined railways, hoists, and conveyers. Otis Elevator Company, Jersey City, N. J., and New York, N. Y. Registered March 8, 1921. Canceled January 15, 1926.

145,658. Hats for female wear. Emporium-World Millinery Co., Chicago, Ill. Registered August 16, 1921. Canceled January 15, 1926.

196,332. Certain named articles of clothing for men, women, and children. Alfred Decker & Cohn, Chicago, Ill. Registered March 17, 1925. Canceled January 13, 1926.

204,285. Saline laxative. Otis Clapp & Son, Inc., Boston, Mass. Registered October 13, 1925. Canceled January 15, 1926.

204,619. Glues and adhesive cement. Royal Glue Co., Washington, D. C. Registered October 20, 1925. Canceled January 15, 1926.

Disclaimers.

1,383,677.—*George Thompson*, Mount Vernon, N. Y. TELEPHONE-EXCHANGE SYSTEMS. Patent dated July 5, 1921. Disclaimer filed January 11, 1926, by the patentee, the assignee, *Western Electric Company, Incorporated*, consenting.

Hereby enters this disclaimer to the said claims of said Letters Patent which are in the following words, to wit:

"1. In a telephone exchange system, an automatic switch, a differentially wound stepping magnet for operating said switch, and means for energizing the windings of said magnet to prevent further operation thereof when the switch engages terminals of an idle line.

"2. In a telephone exchange system, an automatic switch, a stepping magnet for the switch having a normally inactive differential winding, a circuit for operating said magnet, and means for energizing said differential winding to prevent operation of said magnet when the switch engages terminals of an idle line."

1,471,010.—*John N. Selvig*, Chicago, Ill. SPINNING TOOLS AND MACHINES. Patent dated October 16, 1923. Disclaimer filed January 12, 1926, by the patentee, the assignee, *Western Electric Company, Incorporated*, consenting.

Hereby enters this disclaimer to the said claims of said Letters Patent which are in the following words, to wit:

"9. In a machine for flaring tubes, the combination with a spinning tool and a blow pipe for directing a flame toward the operative position of said tool, of a turret rotatable about a horizontal axis and having a plurality of rotatable work holding chucks and adapted to present a plurality of work pieces successively to the flame and to the tool.

"10. In a machine for flaring tubes, the combination with a spinning tool and a blow pipe for directing the flame toward the operative position of said tool, of a turret having a plurality of work holders rotatably mounted thereon and adapted to present a plurality of workpieces successively to the flame and to the tool and a single shaft for simultaneously rotating said work holders.

"11. In a machine for flaring tubes, a carrier, a plurality of rotatable tube holders, means for simultaneously rotating said tube holders, means for heating the tubes and means for flaring said tubes while heated.

"12. In a machine for flaring tubes, a carrier, means for advancing said carrier step-by-step, a plurality of tube holders, means for rotating said tube holders, means for heating said tubes, means for flaring said tubes while heated, said means comprising a flaring tool, means for advancing said tool toward said heated glass tube and means for withdrawing said tool from said heated glass tube.

"13. In a machine for flaring tubes, a shaft, a carrier, a plurality of work holders rotatably mounted on said carrier, said work holders being simultaneously rotated by said shaft, and a spinning tool for flaring tubes carried by said work holders.

"14. In a machine for flaring tubes, a shaft, a carrier, a plurality of work holders rotatably mounted on said carrier, said work holders being simultaneously rotated by said shaft, means for heating tubes carried by said holders, and means for flaring said tubes while heated."

1,506,884.—*Warren W. Carpenter*, Brooklyn, N. Y. TELEPHONE-EXCHANGE SYSTEMS. Patent dated September 2, 1924. Disclaimer filed January 11, 1926, by the patentee, assignee, *Western Electric Company, Incorporated*, consenting.

Hereby enters this disclaimer to the said claims of said Letters Patent which are in the following words, to wit:

"1. In a telephone exchange system, a calling and a called subscriber's line, means for extending said calling line, an impulse controlling mechanism to which said calling line is extended and which is common to said lines, relays simultaneously actuated by said impulse controlling mechanism for connecting said calling line to said called line, and means under the sole control of the calling subscriber for releasing the established connection.

"2. In a telephone exchange system, calling and called subscriber's lines, a relay mechanism individual to the calling line, a link circuit for joining said calling and called lines, an impulse controlling mechanism, switching means individual to said calling and called lines for connecting the same to said link circuit, the operation of the switching means individual to the calling line being dependent upon certain electrical conditions at the relay mechanism individual to said calling line and at said impulse controlling mechanism, and the switching means individual to said called line being responsive only to an electrical condition at the impulse controlling mechanism, and means for operating the switching means individual to said calling and called lines.

"3. In a telephone exchange system, calling and called subscriber's lines, a relay mechanism individual to the calling line, a link circuit for joining said calling and called lines, an impulse controlling mechanism, switching means individual to said calling and called lines for connecting the same to said link circuit, the operation of the switching means individual to the calling line being dependent upon certain electrical conditions nt the relay mechanism individual to said calling line and at said impulse controlling mechanism, and the switching means individual to said called line being responsive only to an electrical condition at the impulse controlling mechanism, and an electromagnetic means under the control of said impulse controlling mechanism for operating the switching means individual to said calling and called lines.

"7. In a telephone exchange system, a calling and a called subscriber's line, means individual to said calling line for extending same, an impulse controlling mechanism to which said calling line is extended and which is common to said lines, and relays actuated simultaneously for connecting said calling line to said called line, one of said relays being individual to the calling line and controlled by said impulse controlling mechanism and said individual means, and the other relay being individual to the called line and controlled only by said impulse controlling mechanism."

1,507,116.—*Edward E. Hinrichsen*, New York, N. Y. TELEPHONE SYSTEMS. Patent dated September 2, 1924. Disclaimer filed January 11, 1926, by the patentee, the assignee, *Western Electric Company, Incorporated*, consenting.

Hereby enters this disclaimer to the said claim of said Letters Patent which is in the following words, to wit:

"7. In a telephone system, telephone lines, link circuits, a trunk circuit, switching devices having permanently paired primary and secondary contacts for interconnecting said lines and said links and said trunk, means in said links under control of said lines for disconnecting a link from a line and causing the connection of said trunk to a line, said means including contacts of a switching device employed in connecting a said line to a said link."

TRADE-MARKS

OFFICIAL GAZETTE, FEBRUARY 2, 1926.

[VOL. 343. No. 1.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 143,086. (CLASS 39. CLOTHING.) A. J. BATES COMPANY, Webster, Mass. Filed Feb. 2, 1921. Under ten-year proviso.

THE *Bates* SHOE

Particular description of goods.—Shoes of Leather, Rubber, Fabric, or of Combinations of These Materials.
Claims use since January, 1890.

Ser. No. 152,450. (CLASS 12. CONSTRUCTION MATERIALS.) TEE-LOK SHINGLE COMPANY, Chicago, Ill. Filed Aug. 31, 1921.

TEE-LOK

No claim is made to the exclusive use of the words of the mark when used for descriptive or other purposes in the ordinary meaning of the words.
Particular description of goods.—Shingles.
Claims use since January, 1921.

Ser. No. 185,998. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ACME STEEL GOODS COMPANY, Chicago, Ill. Filed Sept. 21, 1923.

ACME
WELD-FAST

Particular description of goods.—Electrical Welding Machines.
Claims use since June 9, 1923.

Ser. No. 191,211. (CLASS 15. OILS AND GREASES.) WESTERN REFINING AND OIL COMPANY, Davenport, Iowa. Filed Jan. 23, 1924.

RED FLASH
GASOLINE

The drawing is lined to indicate the colors of yellow and red. No claim is made to the use of the word "Gasoline" apart from the mark shown.
Particular description of goods.—Gasoline.
Claims use since on or about Sept. 1, 1922.

Ser. No. 191,660. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SANTIAGO LOPEZ BARREDO S. A., Santander, Spain. Filed Jan. 30, 1924.



Applicant disclaims for this registration the words "Brand, Santander, Espana Santiago Lopez Barredo, S. A." except in the precise relation and association in which they appear.
Particular description of goods.—Preserved Fish and Canned Vegetables.
Claims use since Dec. 7, 1923.

Ser. No. 194,958. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) PETER L. SMITH, Worcester, Mass. Filed Apr. 3, 1924.

DIRECT-U-LITE

Particular description of goods.—Electrically-Illuminated Crossroad Signal Stand.
Claims use since Sept. 26, 1923.

Ser. No. 195,504. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) SAMUEL DIAMOND, New York, N. Y. Filed Apr. 14, 1924.

EVERBEST

No claim is made to the word "Everbest" apart from the mark shown in the drawing.
Particular description of goods.—Dry Batteries.
Claims use since Mar. 1, 1924.

Ser. No. 195,810. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE FAIRFACTS COMPANY, INC., New York, N. Y. Filed Apr. 19, 1924.

BATHROOM
Fairfacts
FIXTURES

The right to registration of the words "Bathroom Fixtures" under the act of 1905 is disclaimed but without prejudice to applicant's common-law rights to the use of these words or any right to the registration thereof under any other act of Congress.
Particular description of goods.—Containers for Electric Heaters, and in Particular Wall Recesses for Electric Heaters for Bathrooms.
Claims use since June, 1922.

Ser. No. 201,739. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WILLIAM BRAND & COMPANY, New York, N. Y. Filed Aug. 22, 1924.

Turbonite

Particular description of goods.—Hard Paper Sheets Impregnated with Phenol Condensation Product for Electrical Insulations.
Claims use since July, 1923.

Ser. No. 202,322. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BROWN, EDMONDS AND WILLARDSON, Salt Lake City, Utah. Filed Sept. 8, 1924.

MILKWHITE

Particular description of goods.—Eggs and Dressed Poultry.
Claims use since Nov. 1, 1922.

Ser. No. 202,756. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) J. G. MORGAN & COMPANY, New York, N. Y. Filed Sept. 18, 1924.

SALE MAKERS

Particular description of goods.—Electrically-Illuminated Transparency Display Signs.
Claims use since July 10, 1924.

Ser. No. 203,549. (CLASS 39. CLOTHING.) WEINGARTEN BROS., New York, N. Y. Filed Oct. 7, 1924.

Parasilk

Particular description of goods.—Women's Fitted Undergarments—Namely, Brassières, Corset Brassières, Corsets, and Girdles.
Claims use since July 1, 1924.

Ser. No. 203,925. (CLASS 2. RECEPTACLES.) THE ALLIED BELTING COMPANY, Greenville, Ohio. Filed Oct. 16, 1924.

GREEN DUCK

Particular description of goods.—News Bags Made from Cotton Material.
Claims use since Jan. 1, 1924.

Ser. No. 203,944. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FAIRFAX TEXTILE MILLS, INC., New York, N. Y. Filed Oct. 16, 1924.



No claim is made to the words "Fast Forever" apart from the mark as shown.
Particular description of goods.—Woven Cotton Goods and Silk Cotton Goods.
Claims use since June 11, 1924.

Ser. No. 204,231. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HAIG & HAIG MFG. CO. INC., Rochester, N. Y. Filed Oct. 21, 1924.

STRAITLINE

No claim is made to the use of the word "Straitline" apart from the mark shown.
Particular description of goods.—Condensers Used in Electrical Apparatus, and Particularly Radio Outfits, Apparatus, Machines, and Supplies.
Claims use since Dec. 11, 1923.

Ser. No. 205,159. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ELECTRICAL RESEARCH LABORATORIES, Chicago, Ill. Filed Nov. 12, 1924.

CIR-KIT

Particular description of goods.—Radio Electrical Appliances—Namely, Boxes or Containers Containing a Panel, Wiring and Connections, Transformers, Condensers, and All Necessary Appliances to Construct a Complete Radio Receiving Set (Except Tubes, Batteries, and Antennæ).
Claims use since Oct. 13, 1924.

Ser. No. 205,731. (CLASS 12. CONSTRUCTION MATERIALS.) THE BEAVER PRODUCTS COMPANY, INC., Buffalo, N. Y. Filed Nov. 24, 1924.

EAGLE

Particular description of goods.—Plaster.
Claims use since Nov. 2, 1905.

Ser. No. 206,261. (CLASS 2. RECEPTACLES.) STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed Dec. 4, 1924.



The words "Candle Chest" are disclaimed apart from the other features of the mark sought to be registered.
Particular description of goods.—Candle Containers.
Claims use since Nov. 26, 1924.

Ser. No. 207,144. (CLASS 35. BELTING, HOSE, MACHINERY PACKING AND NONMETALLIC TIRES.) PIONEER RUBBER MILLS, San Francisco, Calif. Filed Dec. 23, 1924.

SKOOKUM

Particular description of goods.—Piston Packing.
Claims use since about Aug. 1, 1924.

Ser. No. 208,045. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. F. DREW & CO. INC., New York, N. Y. Filed Jan. 13, 1925.

NAPTHOLE

Particular description of goods.—Paste Used in the Textile Industry for Scouring Wool.
Claims use since Nov. 11, 1924.

Ser. No. 208,454. (CLASS 37. PAPER AND STATIONERY.) CAREW MANUFACTURING COMPANY, South Hadley Falls, Mass. Filed Jan. 22, 1925.

TREASURY

Particular description of goods.—Bond Paper.
Claims use since June, 1891.

Ser. No. 208,540. (CLASS 39. CLOTHING.) VALCO MANUFACTURING CO., INC., New York, N. Y. Filed Jan. 23, 1925.

VALCO
"America's Quality Nightwear"

No claim is made to the exclusive use of the words "America's Quality Nightwear" apart from the mark shown in the drawing.
Particular description of goods.—Night Wear—viz, Pyjamas.
Claims use since November, 1923.

Ser. No. 208,742. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) H. W. BUCKBEE ROCKFORD SEED FARMS FOREST CITY GREENHOUSES, Rockford, Ill. Filed Jan. 28, 1925.



No claim is made to the words "Buckbee's Seeds" apart from their association as shown.

Particular description of goods.—Seeds, Bulbs, and Plants.

Claims use since Feb. 20, 1905

Ser. No. 208,749. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ALEXANDER J. FORBES, doing business as Uncle Al's Radio Shop, Oakland, Calif. Filed Jan. 28, 1925.

MIRACLE

Particular description of goods.—Crystal Radio Receiving Sets and Parts Thereof.

Claims use since Sept. 1, 1924.

Ser. No. 209,996. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE. FRANK LEBRON, New York, N. Y. Filed Feb. 21, 1925.



Particular description of goods.—Sterling Silverware, Gold-Plated Ware, and Silver-Plated Ware in Flat Tableware, Hollow Tableware, Toilet Articles, and Jewelry,—Namely, Bowls, Plates, Porringer Cups, Mugs, Forks, Food Pushers, Knives, Spoons, Napkin Rings, Rattles, Bracelets, Bib Holders, Necklaces, Pins, and Finger Rings for Children's Jewelry and Eating Implements.

Claims use since early in January, 1925

Ser. No. 210,303. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) INTERNATIONAL BRAID COMPANY, Providence, R. I. Filed Feb. 28, 1925.

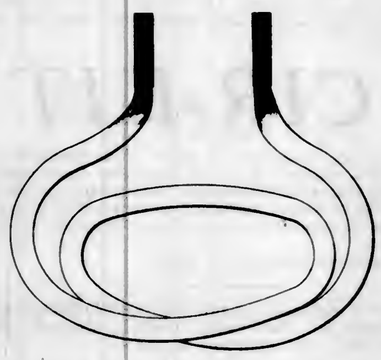


No claim is made to the mere representation of the goods. The mark consists in applying a tip on a fabric lacing, said tip having its surface arbitrarily marked to imitate or simulate the fabric of the lacing to which it is attached.

Particular description of goods.—Shoe Lacings, Corset Lacings, Underwear Lacings, Blouse Lacings, All of Which Are made of Cotton, Linen, Silk, or Worsted.

Claims use since Jan. 29, 1925.

Ser. No. 210,733. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) INTERNATIONAL BRAID COMPANY, Providence, R. I. Filed Mar. 9, 1925.



No claim is made to the mere representation of the goods. The mark consists in applying a tip on a fabric lacing, said tip having its surface arbitrarily marked to imitate or simulate a linen fabric.

Particular description of goods.—Shoe Lacings, Corset Lacings, Underwear Lacings, Blouse Lacings, All of Which Are made of Cotton, Linen, Silk, or Worsted.

Claims use since Feb. 27, 1925.

Ser. No. 210,926. (CLASS 39. CLOTHING.) RAY THE HATTER, INC., Waterbury, Conn. Filed Mar. 12, 1925.



Particular description of goods.—Work, Dress, and Negligee Shirts; Men's and Women's Hats and Collars, Scarfs, and Cravats; and Men's Knitted Textile Underwear.

Claims use since 1911.

Ser. No. 211,421. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOSEPH GLUCK, New York, N. Y. Filed Mar. 21, 1925.

ADMIRA PRINTS

No claim is made to the word "Prints" apart from the mark shown in the drawing.

Particular description of goods.—Silks, Silk and Cotton, or Silk and Rayon Fabrics.

Claims use since Jan. 1, 1925.

Ser. No. 212,010. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) LOCKWOOD CO., Waterville, Me. Filed Apr. 1, 1925.



No claim is made to the exclusive use of the words "Lockwood Co." apart from the mark as shown in the drawing.

Particular description of goods.—Cotton Piece Goods, Sheets, and Pillowcases.

Claims use since 1910.

Ser. No. 212,077. (CLASS 43. THREAD AND YARN.) THE ELMORE COMPANY, doing business as The Elmore Thread Company, Spindale, N. C. Filed Apr. 2, 1925.



No claim is made to the word "Carolina" apart from the mark as shown.

Particular description of goods.—Thread.

Claims use since Mar. 23, 1925.

Ser. No. 212,621. (CLASS 39. CLOTHING.) JACKSON CORSET CO., Jackson, Mich. Filed Apr. 13, 1925.

College Girl Silhouette

Particular description of goods.—Corsets, Brassières, Corset Brassières, Corset Combinations, Bust Confiners, Bust Supporters; Vests, Chemises, Nightgowns, Step-Ins, and Petticoats Made of Textile and Woven Fabrics; Camisoles, Bandeaux, Belts for Personal Wear, Hip Confiners, Girdles, Reducing Girdles, Reducing Brassières, Reducing Corset Brassières, Reducing Corset Combinations.

Claims use since Nov. 1, 1924.

Ser. No. 213,233. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) GENERAL PHONOGRAPH CORPORATION OF CANADA, LTD., Kitchener, Ontario, Canada. Filed Apr. 24, 1925.



The representation of gears is claimed by applicant only in connection with the other features of the mark shown in drawing.

Particular description of goods.—Mechanical Motor for Talking Machines or Phonographs or Other Like Musical Instruments.

Claims use since on or about January, 1921.

Ser. No. 213,780. (CLASS 39. CLOTHING.) HYMAN W. GINSBURG, doing business as Graceline Stout Dress Co., New York, N. Y. Filed May 4, 1925.

Graceline SHORT STOUT

No claim is made to the exclusive use of the words "Short Stout" apart from the mark shown on the drawing. The mark consists in the words "Graceland Short Stout."

Particular description of goods.—Ladies' Costumes in One, Two, and Three Piece Garments—viz, Dresses, Coats, Suits, and Skirts.

Claims use since 1922.

Ser. No. 214,118. (CLASS 39. CLOTHING.) L. BAMBERGER & COMPANY, Newark, N. J. Filed May 11, 1925.

Fashion Lane

Particular description of goods.—Women's Coats and Suits, Women's Dresses; Girls' and Juniors' Coats, Suits, and Dresses; Misses' Coats and Suits, and Misses' Dresses and Furs.

Claims use since Nov. 1, 1924.

Ser. No. 214,671. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE LIVERPOOL BORAX CO. LTD., Liverpool, England. Filed May 21, 1925.

LAMOL

Particular description of goods.—Detergent Powder for Cleansing Receptacles.

Claims use since Nov. 27, 1919.

Ser. No. 214,727. (CLASS 17. TOBACCO PRODUCTS.) HAUS NEUERBURG O. H. G., Trier, Germany. Filed May 22, 1925.



Particular description of goods.—Leaf Tobacco, Cigars, Cigarettes, and Chewing and Smoking Tobacco.

Claims use since Oct. 31, 1908.

Ser. No. 214,785. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) DUNCAN, FOX & CO., INC., New York, N. Y. Filed May 23, 1925.



Particular description of goods.—Cotton Drills, Sheetings, Shirtings, and Flannels.

Claims use since May 20, 1925.

Ser. No. 215,024. (CLASS 15. OILS AND GREASES.) ROCKGAS PRODUCTS COMPANY, Wilmington, Del., and Coraopolis, Pa. Filed May 28, 1925.

ROCKGAS

Particular description of goods.—Liquid Hydrocarbon More Volatile Than Gasoline for Use as Domestic and Industrial Fuel and as Fuel for a Metallurgical Torch for Cutting Steel.

Claims use since June 17, 1918.

Ser. No. 215,284. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VIRGINIA HAY & GRAIN CO., Virginia, Minn. Filed June 3, 1925.



Particular description of goods.—Flour.

Claims use since May 8, 1925.

Ser. No. 215,501. (CLASS 39. CLOTHING.) CHARLES H. BROWN, New York, N. Y. Filed June 9, 1925.



Particular description of goods.—Leather and Canvas Boots and Shoes.

Claims use since Nov. 1, 1924.

Ser. No. 216,065. (CLASS 39. CLOTHING.) MILLS CORSET COMPANY, Worcester, Mass. Filed June 19, 1925.

Marvelette

Particular description of goods.—Combination One-Piece Bandeau and Girdle.

Claims use since April, 1925.

Ser. No. 216,191. (CLASS 39. CLOTHING.) LONG'S HAT STORES, New York, N. Y. Filed June 22, 1925.

The Sunsrong STRAW Sunresisting-Custombilt "A Straw Superb"

No claim is made to the exclusive use of the words "Straw Sunresisting—Custombilt A Straw Superb" apart from the mark as shown in the drawing.

Particular description of goods.—Men's Hats.

Claims use since May 1. 1924.

Ser. No. 216,352. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THOMAS OAKES & CO., Bloomfield, N. J. Filed June 24, 1925.



No claim is made to the exclusive use of the word "Oakes" apart from the mark as shown in the drawing. The mark consists in the representation of an oak leaf.

Particular description of goods.—Cotton and Wool Fabrics.

Claims use since June, 1923.

Ser. No. 216,414. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) LACQUER & CHEMICAL CORPORATION, Brooklyn, N. Y. Filed June 25, 1925.

ALAKA

Particular description of goods.—Lacquers, Lacquer Enamels, Lacquer Thinners, Lacquer Solvents, Spirit and Lacquer Colors, Spirit Varnishes, Prepared Shellacs, and Wood Fillers.

Claims use since Jan. 1, 1923.

Ser. No. 216,664. (CLASS 39. CLOTHING.) ALCONS KNITTING MILLS, San Francisco, Calif. Filed June 30, 1925.

CALJER

Particular description of goods.—Knitted Products for Men, Women, and Children—Namely, Sport Coats, Outer Skirts, Scarfs, Hosiery, Suits, Caps and Shawls, Dresses; Hats for Men, Women, and Children; and Sweaters.

Claims use since Jan. 5, 1925.

Ser. No. 216,686. (CLASS 39. CLOTHING.) MILLER BROS. HAT CO. INC., New York, N. Y. Filed June 30, 1925.



No claim of exclusive right to the use of the words "Miller Brothers" except in the particular association in which they appear; no claim to the words "Ranch Hat" apart from mark shown in drawing.

Particular description of goods.—Men's Hats.

Claims use since February, 1922.

Ser. No. 216,814. (CLASS 35. BELTING, HOSE, MACHINERY PACKING AND NONMETALLIC TIRES.) BAKELITE CORPORATION, New York, N. Y. Filed July 3, 1925.



Particular description of goods.—Clutch Facings, Brake Linings, and Bushings and Washers for Water-Tight and Gas-Tight Connections.
Claims use since Dec. 1, 1924.

Ser. No. 217,041. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MISSOURI FARMERS' ASSOCIATION, INCORPORATED, Columbia, Mo. Filed July 8, 1925.



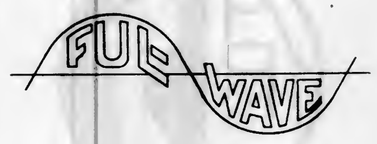
The picture forming a feature of the mark is fanciful.
Particular description of goods.—Wheat Flour.
Claims use since Jan. 1, 1922.

Ser. No. 217,595. (CLASS 26. MEASURING AND SCIENTIC APPLIANCES.) OTTO ZEMAN, Chicago, Ill. Filed July 18, 1925.



The words "Optical Products" appearing on the drawing are disclaimed apart from the mark shown.
Particular description of goods.—Spectacles, Eyeglasses, Goggles, and Lens.
Claims use since May 1, 1925.

Ser. No. 217,791. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) LIBERTY ELECTRIC CORPORATION OF NEW YORK, New York, N. Y. Filed July 23, 1925.



The exclusive right to the use of the words "Full-Wave" apart from the mark is hereby disclaimed.
Particular description of goods.—Battery Chargers.
Claims use since Sept. 18, 1924.

Ser. No. 218,012. (CLASS 39. CLOTHING.) CHARLES A. JOHNSON, San Francisco, Calif. Filed July 28, 1925.



Applicant disclaims exclusive right to the use of the pictorial representation of the shoe sole and to the phrase "Johnson's C-Ment Floor Soles" apart from the particular association and connection in which they appear with the rest of the trade-mark shown.
Particular description of goods.—Shoe Soles.
Claims use since on or about May 1, 1925.

Ser. No. 218,031. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VITAMINES COMPANY, LIMITED, Montreal, Quebec, Canada. Filed July 28, 1925.



The word "Journet's" being disclaimed apart from the mark shown in the drawing, also the facsimile signature of P. Journet and the words "Phosphated Food with Vitamines."
Particular description of goods.—Food Product in Powdered Form Containing Nutritive Substances From Cod Liver and Rice.
Claims use since Feb. 1, 1925.

Ser. No. 218,079. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHARLES E. PAKE, doing business as Pake Medicine Company, Akron, Ohio. Filed July 29, 1925.



The particular lining shown in the drawing is used merely to represent shading. No claim is made to the registration of the name "Pake's" apart from the mark shown.
Particular description of goods.—Remedy for Indigestion, Dyspepsia, Ulcers of the Stomach, and Other Stomach Disorders Such as Hyperacidity and Hypersecretion.
Claims use since about Sept. 15, 1923.

Ser. No. 218,144. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) S A X VERTICAL FAN COMPANY, Pittsburgh, Pa. Filed July 30, 1925.



No claim is made herein to the representation of the goods apart from the mark as shown, nor is claim made to the exclusive use of the words "Safety Fan."
Particular description of goods.—Electrical Appliances, Particularly Electric Fans.
Claims use since Mar. 1, 1925.

Ser. No. 218,250. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE. ELGIN SILVERSMITH CO., New York, N. Y. Filed Aug. 1, 1925.



Particular description of goods.—Silver and Gold Novelties, Candlesticks, Vases, Cocktail Glasses, Bowls, Baskets, Bread and Butter Plates, Bread Trays, Electric Lamps, Coffee Sets, Tea Sets, Pitchers, Almond Dishes, Demi-Tasses, Goblets, Teatters, Ladles, Sugar and Cream Sets, Candy Dishes, Ash Trays, Salt and Pepper Shakers, Centerpieces, and Butter Dishes All Made Wholly or in Part of Precious Metal or Plated Therewith.
Claims use since Jan. 1, 1924.

Ser. No. 218,264. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) THE LIMOGES CHINA COMPANY, Sebring, Ohio. Filed Aug. 1, 1925.

Royal Mazarine

Particular description of goods.—Chinaware.
Claims use since July 3, 1925.

Ser. No. 218,568. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NATIONAL BISCUIT COMPANY, New York, N. Y. Filed Aug. 8, 1925.

CHAMPION

Particular description of goods.—Crackers and Biscuits.
Claims use since May 7, 1869.

Ser. No. 218,791. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CAROLINA BAKING COMPANY, Charlotte, N. C. Filed Aug. 13, 1925.



Particular description of goods.—Bread and Cake.
Claims use since on or about Apr. 5, 1925.

Ser. No. 218,870. (CLASS 5. ADHESIVES.) PATCHLESEAL MANUFACTURING CO., New York, N. Y. Filed Aug. 14, 1925.



The picture forming a feature of the mark is fanciful.
Particular description of goods.—Chemical Compound For Making Automobile Tires Punctureproof.
Claims use since March, 1925.

Ser. No. 219,298. (CLASS 39. CLOTHING.) NATIONAL MODES INC., New York, N. Y. Filed Aug. 24, 1925.

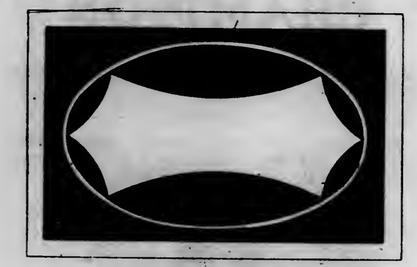
Carolyn

Trade-mark consists of the word "Carolyn."

Particular description of goods.—Women's and Misses' Coats, Suits, and Dresses.

Claims use since July 10, 1925.

Ser. No. 219,378. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) JOHN CHATILLON & SONS, New York, N. Y. Filed Aug. 26, 1925.



Particular description of goods.—Cooks' Forks, Ice Picks, Ice Cutters, Aluminum Butter Spades, Butter Trowels, Butchers' Saws and Blades, Pork-Packers' Saws, Kitchen Saws and Blades, Butchers' Block Scrapers, Hog Scrapers, Grocers' Scoops, Confectioners' Scoops, Ice Scoops, Coffee Scoops, Hand Scoops, Ham Stringers, Fish Shears, Meat-Tag Fasteners, Roast-Beef Tiers, Candy Hatchets, Fish Scalers, Bag Fillers, Barrel Hooks, Cleavers, Butchers' Block Pins, Sharpening Steels, Butchers' Pouches, Butter Triers, Carving Sets, Food Choppers, Coffee Mills, Lard Presses, Lard Paddles, Lard Skimmers, Lard Dippers, Larding Needles, Ham Triers, Ice Shavers, Ice Tongs, Meat Masticators, Sausage Stuffers, Spatulas, Banana Knives, Boning Knives, Bread Knives, Brisket Knives, Butchers' Knives, Butter Knives, Candy Knives, Cheese Knives, Cigar-Makers' Knives, Clam Knives, Kitchen Knives, Fish Knives, Grapefruit Knives, Oyster Knives, Palette Knives, Paper-Hangers' Knives, Paring Knives, Pork Knives, Putty Knives, Ribbing Knives, Shoe Knives, Skinning Knives, Vegetable Knives, and Steak Knives.

Claims use since Sept. 29, 1922, on Aluminum spades and trowels and since Apr. 27, 1923, on the rest of the goods named in the statement.

Ser. No. 219,455. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MAX SCHWARZ TEXTILE CORPORATION, New York, N. Y. Filed Aug. 27, 1925.

RAY - O- ROBE

The mark consists of the term "Ray-O-Robe." No claim is made to the exclusive right to the use of the word "Robe" apart from the mark shown.

Particular description of goods.—Textile Fabrics in the Piece Composed of Cotton and Artificial Silk.

Claims use since Aug. 11, 1925.

Ser. No. 219,589. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JAGEMAN-BODE COMPANY, Springfield, Ill. Filed Aug. 31, 1925.

SANGAMO

Trade-mark consists of the word "Sangamo."

Particular description of goods.—Canned Fruits, Vegetables, and Fish; Breakfast Cereals, Evaporated Milk, Cornstarch, Vinegar, Pickles, Coffee, Cocoa, Catchup, Spices, Prepared Mustard, Food-Flavoring Extracts, and Food-Flavoring Table Sauce—Namely, Worcestershire Type.

Claims use since Aug. 1, 1906.

Ser. No. 219,740. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE GOSHEN MANUFACTURING COMPANY, Goshen, Ind. Filed Sept. 3, 1925.

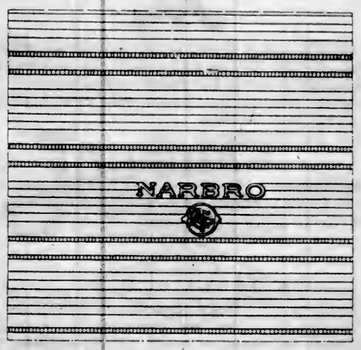


The word "Line" in the mark is disclaimed apart from the other features therein as shown in the drawing.

Particular description of goods.—Porch and Lawn Swings.

Claims use since Jan. 1, 1925.

Ser. No. 219,758. (CLASS 37. PAPER AND STATIONERY.) THE ORONO PULP & PAPER COMPANY, Bangor, Me. Filed Sept. 3, 1925.



No claim is made to the representation of the goods appearing in the drawing.

Particular description of goods.—Wrapping Paper.

Claims use since Aug. 7, 1925.

Ser. No. 219,867. (CLASS 10. FERTILIZERS.) AMOS EBY & COMPANY, Lancaster, Pa. Filed Sept. 5, 1925.

EBY

The surname "Eby" is disclaimed apart from the mark as shown in the drawing.

Particular description of goods.—Fertilizer and Fertilizer Material.

Claims use since April, 1924.

Ser. No. 219,883. (CLASS 12. CONSTRUCTION MATERIALS.) THE JOHN D. EMACK CO., Philadelphia, Pa Filed Sept. 5, 1925.

Thatch

Particular description of goods.—Roofing Slate.

Claims use since on or about Mar. 3, 1925.

Ser. No. 220,338. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) FLUXO PRODUCTS COMPANY, INC., Leroy, N. Y. Filed Sept. 17, 1925.



No claim is made to the representation of a toilet bowl apart from the mark shown.

Particular description of goods.—Cleansing Preparation in Powder Form Having Disinfecting and Deodorizing Properties.

Claims use since July 31, 1925.

Ser. No. 220,383. (CLASS 39. CLOTHING.) WYMAN, PARTRIDGE & CO., Minneapolis, Minn. Filed Sept. 17, 1925.



No claims is made for the words "Wyman Partridge" except as associated with the rest of the mark.

Particular description of goods.—Work Clothing Including Work Shirts, Work Pants, Overalls, One-Piece Work Suits; Play Suits, and Khaki Pants, Jackets, and Coats.

Claims use since about Sept. 11, 1925.

Ser. No. 220,440. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AMERICAN ELECTRIC FUSION CORPORATION, Chicago, Ill. Filed Sept. 19, 1925.



Particular description of goods.—Electric Welding Machines and Parts Thereof.

Claims use since January, 1921.

Ser. No. 220,469. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE REYNOLDS ALUMINUM COMPANY, New Washington, Ohio. Filed Sept. 19, 1925.

RACO

Particular description of goods.—Cast Aluminum Cooking Utensils.

Claims use since July, 1912.

Ser. No. 220,472. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HERMAN RINKENBERGER, doing business as Electric Service Shop, Bradford, Ill. Filed Sept. 19, 1925.

SIMPLI-DYNE

Particular description of goods.—Radio Receiving Sets, Loud Speakers, and Radio Parts—Namely, Vacuum Tubes, Batteries, Tuners, Head Phones, Transformers, and Battery Chargers.
Claims use since June 1, 1924.

Ser. No. 220,606. (CLASS 39. CLOTHING.) FRANK & BRICKEL, New York, N. Y. Filed Sept. 22, 1925.

Silverine

Particular description of goods.—Fur Coats and Fur Jackets.
Claims use since Feb. 1, 1925.

Ser. No. 220,657. (CLASS 32. FURNITURE AND UPHOLSTERY.) IMPERIAL FURNITURE COMPANY, Grand Rapids, Mich. Filed Sept. 23, 1925.

Tabletwo

Particular description of goods.—Combination Library and Dining Tables.
Claims use since June 22, 1925.

Ser. No. 220,808. (CLASS 39. CLOTHING.) RIDDOCK PROCESS CORPORATION, Boston, Mass. Filed Sept. 25, 1925.

RIDS-KIDS

Particular description of goods.—Children's Shoes in Which the Soles and Uppers are of Rubber.
Claims use since about July 15, 1925.

Ser. No. 220,847. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) GROS, GRENIER, OSTORERO & CIE., Saint-Claude, Jura, France. Filed Sept. 26, 1925.

CIRRUS

Particular description of goods.—Pipes, Cigar and Cigarette Holders, and Tobacco Pouches.
Claims use since April, 1925.

Ser. No. 220,849. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) GROS, GRENIER, OSTORERO & CIE., Saint-Claude, Jura, France. Filed Sept. 26, 1925.

LISERON

Particular description of goods.—Pipes, Cigar and Cigarette Holders, and Tobacco Pouches.
Claims use since November, 1924.

Ser. No. 220,850. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) GROS, GRENIER, OSTORERO & CIE., Saint-Claude, Jura, France. Filed Sept. 26, 1925.

SICANA

Particular description of goods.—Pipes, Cigar and Cigarette Holders, and Tobacco Pouches.
Claims use since November, 1924.

Ser. No. 220,925. (CLASS 43. THREAD AND YARN.) SNIA-VISCOSA SOCIETÀ NAZIONALE INDUSTRIA APPLICAZIONI VISCOSA, Turin, Italy. Filed Sept. 28, 1925.

SNIAFIL

Particular description of goods.—Spun, Thrown, Sewing or Knitting, and Twisted Yarns of Woolly Appearance with Discontinuous Thread Obtained from Cellulose or Vegetal or Animal Stuffs Separately or Conjointly.
Claims use since Sept. 12, 1924.

Ser. No. 221,222. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) DANIEL H. WILLARD, Miami, Fla. Filed Oct. 3, 1925.



No claim is made to the word "Blue".
Particular description of goods.—Silk Piece Goods, Cotton Piece Goods, Woolen Piece Goods, Artificial-Silk Piece Goods, and Piece Goods Composed of Various Combinations of Silk, Cotton, Wool, Artificial-Silk, or Vegetable Fibers.
Claims use since July 1, 1925.

Ser. No. 221,337. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) S. SLATER & SONS, INC., Webster, Mass. Filed Oct. 6, 1925.

SPARKLE SATIN

Trade-mark consists of the term "Sparkle Satin." No claim is made to the exclusive right to the use of the word "Satin" apart from the mark shown.
Particular description of goods.—Textile Fabrics Composed of Cotton and Rayon.
Claims use since Aug. 15, 1925.

Ser. No. 221,338. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) S. SLATER & SONS, INC., Webster, Mass. Filed Oct. 6, 1925.

SILVERSERGE

Trade-mark consists of the term "Silverserge." No claim is made to the exclusive right to the use of either the word "Silver" alone or the word "Serge" alone.
Particular description of goods.—Textile Fabrics Composed of Cotton and Rayon.
Claims use since Sept. 1, 1925.

Ser. No. 221,340. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) WALD. TIEFKE, Helsingfors, Finland. Filed Oct. 6, 1925.



The lining of drawing is for shading only. No claim is made to the words "Impregnated Safety Match," "Non Poisonous," "Quality Guaranteed," "Made in Finland," and "Average 60 Matches" apart from the mark shown.
Particular description of goods.—Matches.
Claims use since July 28, 1925.

Ser. No. 221,405. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANCES BROWN, doing business as Silph Medical Company, New York, N. Y. Filed Oct. 8, 1925.

SILPH

Particular description of goods.—Preparation for the Treatment of Obesity.
Claims use since May, 1925.

Ser. No. 221,450. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) W. H. POLLARD, Memphis, Tenn. Filed Oct. 8, 1925.

MY FANCY

Particular description of goods.—Canned Fruits and Vegetables; Canned, Condensed, and Evaporated Milk; Canned Fish, Coffee, Condiments—viz, Catchup, Chili Sauce, Prepared Mustard, Mayonnaise and Salad Dressing.
Claims use since Aug. 18, 1925.

Ser. No. 221,451. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) W. H. POLLARD, Memphis, Tenn. Filed Oct. 8, 1925.

MY SELECT

Particular description of goods.—Canned Fruits and Vegetables; Canned, Condensed, and Evaporated Milk; Canned Fish, Coffee, Condiments—viz, Catchup, Chili Sauce, Prepared Mustard, Mayonnaise and Salad Dressing.
Claims use since Aug. 18, 1925.

Ser. No. 221,733. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE ADAMS & WESTLAKE COMPANY, Chicago, Ill. Filed Oct. 15, 1925.

ADLAKE

Particular description of goods.—Automobile Ventilators.
Claims use since Sept. 15, 1925.

Ser. No. 221,791. (CLASS 39. CLOTHING.) JOHN WANAMAKER, NEW YORK, New York, N. Y. Filed Oct. 15, 1925.

Femina

Particular description of goods.—Corsets.
Claims use since 1916.

Ser. No. 221,824. (CLASS 39. CLOTHING.) M. B. HAMILTON & Co., Leavenworth, Kans. Filed Oct. 16, 1925.

KNOCK OUT

Particular description of goods.—Work Gloves, Mittens, and Gauntlets Made of Fabric and Combinations of Fabric and Leather.
Claims use since May 1, 1925.

Ser. No. 221,854. (CLASS 15. OILS AND GREASES.) SHRIVER OIL COMPANY, Baltimore, Md. Filed Oct. 16, 1925.

50/50 BLEND

The trade-mark consists of the words and numerals "50/50 Blend," exclusive use of the word "Blend" being disclaimed apart from the other features of the mark as shown.

Particular description of goods.—Gasoline, Blended Gasoline, and Hydrocarbon Motor Fuel.

Claims use since Feb. 10, 1925.

Ser. No. 221,855. (CLASS 15. OILS AND GREASES.) SHRIVER OIL COMPANY, Baltimore, Md. Filed Oct. 16, 1925.

THE MASTER MOTOR FUEL

The trade-mark consists of the words "The Master Motor Fuel," exclusive use of the words "Motor Fuel" being disclaimed apart from the other features of the mark as shown.

Particular description of goods.—Gasoline, Blended Gasoline, and Hydrocarbon Motor Fuels.

Claims use since Feb. 10, 1925.

Ser. No. 221,931. (CLASS 43. THREAD AND YARN.) STANDARD THREAD COMPANY, New York, N. Y. Filed Oct. 17, 1925.

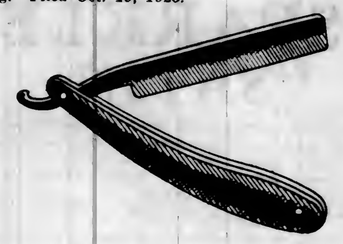


No claim is made to the exclusive use of the words "It's a Standard Product" and "Trade-Mark" apart from the mark shown on the drawing.

Particular description of goods.—Thread.

Claims use since about April, 1924.

Ser. No. 221,987. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WARRENTON CLAM COMPANY, also doing business as Sigurdson Bros. Inc., Warrenton, Oreg. Filed Oct. 19, 1925.



Particular description of goods.—Canned Clams.

Claims use since May 1, 1903.

Ser. No. 222,091. (CLASS 39. CLOTHING.) J. SCHOENEMAN, INCORPORATED, Baltimore, Md. Filed Oct. 21, 1925.

AERTEX

Particular description of goods.—Mens Coats, Vests, Trousers, and Overcoats.

Claims use since April, 1921.

Ser. No. 222,146. (CLASS 5. ADHESIVES.) SELDNER & ENEQUIST, INC., New York, N. Y. Filed Oct. 22, 1925.

TACRITE

Particular description of goods.—Adhesive Pastes, Such as Photo Library Paste, Flour Paste, Etc.; Adhesive Gums and Glues Such as is Used by Paper-Box Makers, Leather-Goods Manuafcturers, Etc.; Adhesive Cements, Such as Material for Cementing Bristle Brushes, Metal Parts, Etc.

Claims use since Jan. 2, 1924.

Ser. No. 222,149. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) EDWIN WASSER, INC., New York, N. Y. Filed Oct. 22, 1925.



Particular description of goods.—Cotton, Silk, and Artificial-Silk Fabrics—viz, Cotton, Silk, and Artificial-Silk Cloth, Plain and in Combination, in the Piece.

Claims use since Oct. 15, 1925.

Ser. No. 222,154. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 23, 1925.

BAKELITE

Particular description of goods.—Billiard Balls, Bowling Balls, Fishing Reels, Pool Triangles, Dominoes, Game Counters, Dice, Jackstraws, Chessmen, Checkers, Chinese Domino Blocks, Golf-Ball Cores, and Golf Club Heads.

Claims use since Dec. 1, 1913.

Ser. No. 222,156. (CLASS 41. CLOTHING.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 23, 1925.

BAKELITE

Particular description of goods.—Handles and Ferrules of Canes, Umbrellas, and Parasols.

Claims use since Dec. 1, 1913.

Ser. No. 222,240. (CLASS 43. THREAD AND YARN.) HERMETITE CORPORATION, New York, N. Y. Filed Oct. 24, 1925.

HERMETITE

The trade-mark consists of the word "Hermetite."

Particular description of goods.—Cotton Threads and Yarns and Silk Threads and Yarns Rendered Moisture and Air Proof and Intended for Use Variously in Weaving Cotton Textile Fabrics, Silk Textile Fabrics, and Similar Purposes.

Claims use since Sept. 1, 1924.

Ser. No. 222,291. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) UTILITY MANUFACTURING CO., Marysville and Seattle, Wash. Filed Oct. 24, 1925.



Particular description of goods.—Clothespins.

Claims use since Mar. 30, 1925.

Ser. No. 222,318. (CLASS 39. CLOTHING.) THE FONBUSH SHOE COMPANY, Grafton, Mass. Filed Oct. 26, 1925.

NIKATOG

Particular description of goods.—Leather Shoes.

Claims use since Oct. 3, 1925.

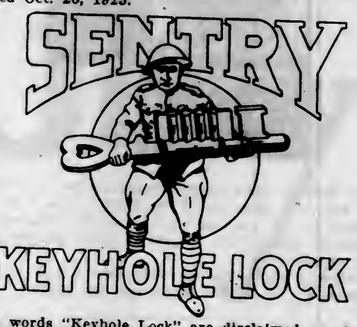
Ser. No. 222,334. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) MOTOR IMPROVEMENTS, INC., Newark, N. J. Filed Oct. 26, 1925.



Particular description of goods.—Oil Filters Particularly Adapted for Automobiles.

Claims use since July 1, 1924.

Ser. No. 222,345. (CLASS 25. LOCKS AND SAFES.) SENTRY KEYHOLE LOCK COMPANY, San Francisco, Calif. Filed Oct. 26, 1925.



The words "Keyhole Lock" are disclaimed apart from the mark as shown.

Particular description of goods.—Keyhole Locks.

Claims use since Sept. 12, 1925.

Ser. No. 222,360. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) WINTER & CO. INC., New York, N. Y. Filed Oct. 26, 1925.



The words "Nev-a-Chek Finish" are disclaimed herein apart from the mark shown in the drawing.

Particular description of goods.—Musical Instruments.

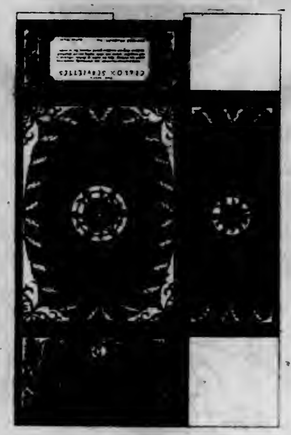
Claims use since August, 1924.

Ser. No. 222,362. (CLASS 38. PRINTS AND PUBLICATIONS.) VIC ARNING, Knoxville, Tenn. Filed Oct. 27, 1925.

THE STYX

Particular description of goods.—Periodical Magazine.
Claims use since November, 1923.

Ser. No. 222,415. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THOMAS PRODUCTS, INC., Boston, Mass. Filed Oct. 27, 1925.



No claim is made to the representation of a carton, and, with the exception of the word "Cellox," no claim is made to the wording apart from the distinctive arrangement thereof with respect to other features of the mark as presented.
Particular description of goods.—Serviettes.
Claims use since on or about Apr. 22, 1925.

Ser. No. 222,423. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) BAKELITE CORPORATION, New York,, N. Y. Filed Oct. 28, 1925.

BAKELITE

Particular description of goods.—Grinding Wheels and Cutting Wheels.
Claims use since Dec. 1, 1914.

Ser. No. 222,430. (CLASS 35. BELTING, HOSE, MACHINERY PACKING AND NONMETALLIC TIRES.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 28, 1925.

BAKELITE

Particular description of goods.—Clutch Facings, Brake Linings, and Bushings.
Claims use since May 20, 1918.

Ser. No. 222,439. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) BROWNING & COMPANY, LIMITED, London, England. Filed Oct. 28, 1925.

REX

Particular description of goods.—Timber.
Claims use since March, 1924.

Ser. No. 222,444. (CLASS 22. GAMES, TOYS AND SPORTING GOODS.) DOREMUS, SCHOEN & Co., INC., New York, N. Y. Filed Oct. 28, 1925.

Skilplay

Particular description of goods.—Archery Game.
Claims use since Feb. 10, 1925.

Ser. No. 222,451. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FRED W. GOERDES Co., Newark, N. J. Filed Oct. 28, 1925.

Dolores

Particular description of goods.—Sets of Complete Radio Receiving Apparatus and Parts Thereof.
Claims use since Oct. 1, 1924.

Ser. No. 222,488. (CLASS 39. CLOTHING.) TELEMAC, LIMITED, London, England. Filed Oct. 28, 1925.

TELEMAC

Particular description of goods.—Waterproof and Rainproof Coats, Capes, and Overalls.
Claims use since Dec. 8, 1919.

Ser. No. 222,502. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FRANKLIN PORCELAIN COMPANY, Norristown, Pa. Filed Oct. 29, 1925.



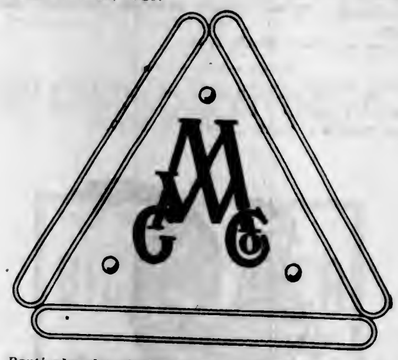
No claim is made herein to the words "Franklin" and "Porcelain" nor to the representation of an insulator apart from the mark shown in the drawing.
Particular description of goods.—Electrical Insulators.
Claims use since July, 1925.

Ser. No. 222,507. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WILLIAM KENFIELD, doing business as The Keystone Products Company, Royal Oak, Mich. Filed Oct. 29, 1925.

ATOMITE

Particular description of goods.—Radio Detector Crystals.
Claims use since Sept. 27, 1923.

Ser. No. 222,515. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) MARLBORO WIRE GOODS COMPANY, Marlboro, Mass. Filed Oct. 29, 1925.



Particular description of goods.—Dish Drainers, Sponge Holders, Soap Dishes, Toothbrush Holders, Wall Brackets, Broilers, Plate Racks and Holders, Tumbler Holders, Towel Racks, Flatiron Rests, Strainers, Soap Shakers, Toilet-Paper Brackets, Pipe Hangers, Cake Coolers, Shelving, Pot-Rack Holders, Kettle Bottom, and Pot Stand.
Claims use since about December, 1921.

Ser. No. 222,559. (CLASS 12. CONSTRUCTION MATERIALS.) CADWALLADER-GIBSON Co., INC., Los Angeles, Calif. Filed Oct. 30, 1925.

BAGAC

Particular description of goods.—Lumber of All Kinds Used for Panels and Doors.
Claims use since 1918.

Ser. No. 222,560. (CLASS 12. CONSTRUCTION MATERIALS.) CADWALLADER-GIBSON Co., INC., Los Angeles, Calif. Filed Oct. 30, 1925.

LAMAO

Particular description of goods.—Lumber of All Kinds Used for Panels and Doors.
Claims use since 1918.

Ser. No. 222,561. (CLASS 12. CONSTRUCTION MATERIALS.) CADWALLADER-GIBSON Co., INC., Los Angeles, Calif. Filed Oct. 30, 1925.

ORION

Particular description of goods.—Lumber of All Kinds Used for Panels and Doors.
Claims use since 1919.

Ser. No. 222,564. (CLASS 40. FANCY GOODS. FURNISHINGS, AND NOTIONS.) DRITZ-TRAUM Co., New York, N. Y. Filed Oct. 30, 1925.

BEADALINE

Trade-mark consists of the word "Beadaline."
Particular description of goods.—Powdered Glass, Beads Without Holes, and Crystalline Beads.
Claims use since June 4, 1925.

Ser. No. 222,632. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) PRATT & LAMBERT, INC., Buffalo, N. Y. Filed Oct. 31, 1925.

VITRALOID

Particular description of goods.—Primer, Surfacer, Glazing Putty, Lacquer Enamel, Lacquer Ground, Lacquer Enamel Thinner, Lacquer Polish, Clear Lacquer, Lacquer Thinner, Bronzing Liquid, and Pyroxylin or Nitrocellulose Coatings.
Claims use since Apr. 4, 1925.

Ser. No. 222,655. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) APEX STAMPING COMPANY, Riverdale, Ill. Filed Nov. 2, 1925.

Jiffy

Particular description of goods.—Blowtorches.
Claims use since Mar. 15, 1924.

Ser. No. 222,676. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE HECK-CONARD Co., INC., Kansas City, Mo. Filed Nov. 2, 1925.

Heck

No claim is made to the name "Heck" except as shown in the drawing.
Particular description of goods.—Deodorant.
Claims use since Sept. 11, 1925.

Ser. No. 222,685. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE LELAND ELECTRIC CO., Dayton, Ohio. Filed Nov. 2, 1925.



Particular description of goods.—Electric Motors and Generators.
Claims use since July 21, 1924.

Ser. No. 222,694. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) G. H. MCCLELLAN AND C. L. JACKSON, Kansas City, Mo. Filed Nov. 2, 1925.



Particular description of goods.—Preparation for the Treatment of Rheumatism.
Claims use since about May, 1925.

Ser. No. 222,711. (CLASS 38. PRINTS AND PUBLICATIONS.) SCOTT'S BUSINESS ANALYSTS, INC., Chicago, Ill. Filed Nov. 2, 1925.

FORD-ETTE

Particular description of goods.—Monthly Trade Papers.
Claims use since Oct. 1, 1925.

Ser. No. 222,712. (CLASS 32. FURNITURE AND UPHOLSTERY.) SIMON MATTRESS MFG. CO., San Francisco, Calif. Filed Nov. 2, 1925.



Particular description of goods.—Mattresses.
Claims use since 1920.

Ser. No. 222,742. (CLASS 32. FURNITURE AND UPHOLSTERY.) JOSEPH GOLDSTEIN CHAIR CO. INC., New York, N. Y. Filed Nov. 3, 1925.

ELITE

Particular description of goods.—Living-Room Furniture—Namely, Sofas, Chairs, Benches, Couches, and Divans.
Claims use since March, 1924.

Ser. No. 222,759. (CLASS 20. LINOLEUM AND OILED CLOTH.) THE PARAFFINE COMPANIES, INC., San Francisco, Calif. Filed Nov. 3, 1925.



PABCO PRODUCTS

No claim is made to the word "Products" apart from the mark as shown.
Particular description of goods.—Prepared Floor Coverings Comprising a Body of Fibrous Material Saturated with Bituminous or Asphaltic Material and Having a Painted or Printed Surface.
Claims use since 1917.

Ser. No. 222,791. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) PARDEE BROTHERS & COMPANY, INCORPORATED, Philadelphia, Pa. (Under 10-year proviso.) Filed Nov. 4, 1925.

Lattimer

Particular description of goods.—Coal.
Claims use since 1870.

Ser. No. 222,807. (CLASS 39. CLOTHING.) WESTMINSTER, LTD., New York, N. Y. Filed Nov. 4, 1925.

Boyfo Fashion

No claim is made herein to the name "Fashion" apart from the mark shown in the drawing.
Particular description of goods.—Hosiery.
Claims use since March, 1925.

Ser. No. 222,893. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FRANK C. VOGAN, Philadelphia, Pa. Filed Nov. 5, 1925.



Without waiving any common-law right thereto no claim is made apart from the mark shown in the drawing to the words "Vogan," "Phila." and "Turner" nor to the symbols indicating an aerial and ground.
Particular description of goods.—Inductance Coils.
Claims use since Oct. 30, 1925.

Ser. No. 222,910. (CLASS 39. CLOTHING.) ANTONOFF & SHEIN INC., New York, N. Y. Filed Nov. 6, 1925.



No claim is made to the words "Trade-Mark" and "N. Y." apart from the mark shown on the drawing.
Particular description of goods.—Boys' Vests, Suits, and Topcoats.
Claims use since Sept. 1, 1925.

Ser. No. 222,911. (CLASS 39. CLOTHING.) BERKSHIRE KNITTING MILLS, Wyomissing, Pa. Filed Nov. 6, 1925.



No claim is made to the words "Berkshire" or "Stockings" apart from the mark shown.
Particular description of goods.—Ladies' Full-Fashioned Hosiery.
Claims use since Apr. 4, 1925.

Ser. No. 222,932. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE MARBLELOID COMPANY, New York, N. Y. Filed Nov. 6, 1925.

MARBLELOID

Particular description of goods.—Art Plaques and Statuary.
Claims use since January, 1906.

Ser. No. 222,933. (CLASS 12. CONSTRUCTION MATERIALS.) THE MARBLELOID COMPANY, New York, N. Y. Filed Nov. 6, 1925.

MARBLELOID

Particular description of goods.—Construction Materials—Namely, Plastic and Tile Flooring; Art Tile, Wainscoting, Capping, Stair Treads and Nosings; Stair Risers, Stringers and Facures; Balustrades, Hand Rails and Newels, Plaster Ceilings, Curbing, Plinths, Saddles, Thresholds, Jamb Blocks, Stucco, Plastic or Tile Roofing, Door Trim and Frames, Window Trim and Frames, Window Sills, Columns, Pedestals, Capitals and Bases, Built-In Table Counters and Tops, Tiling and Art Casts and Molds, Thermal Insulation Covers and Casings, Coatings and Coverings in Plastic, Sheet, or Slab Form For Construction Work; Coved and Straight Bases, and Ship Decking.
Claims use since January, 1906.

Ser. No. 222,938. (CLASS 39. CLOTHING.) OLMSTEAD CORPORATION, Springfield, Mass. Filed Nov. 6, 1925.

Kiltie

Particular description of goods.—Corsets, Girdles, and Underwear of Knitted and Textile Material for Women and Children.
Claims use since about July 13, 1925.

Ser. No. 222,964. (CLASS 39. CLOTHING.) TEXAS GLOVE & GARMENT CO., Mexia, Tex. Filed Nov. 6, 1925.

Liquid Gold

Particular description of goods.—Leather and Fabric Gloves and Combinations Thereof, Pants, Work Shirts, Overalls, Unionalls, Jumpers, and Men's Coats.
Claims use since Sept. 15, 1925.

Ser. No. 222,985. (CLASS 39. CLOTHING.) KNOBEL & BLOOM, New York, N. Y. Filed Nov. 7, 1925.

Little Lady

Particular description of goods.—Misses' and Little Women's Suits and Dresses.
Claims use since October, 1922.

Ser. No. 222,997. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE SKAYEF BALL BEARING COMPANY, Hartford, Conn. Filed Nov. 7, 1925.

SKF

Particular description of goods.—Ball Bearings, Roller Bearings, and Parts Thereof.
Claims use since Mar. 31, 1907.

Ser. No. 222,998. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE SKAYEF BALL BEARING COMPANY, Hartford, Conn. Filed Nov. 7, 1925.

SKAYEF

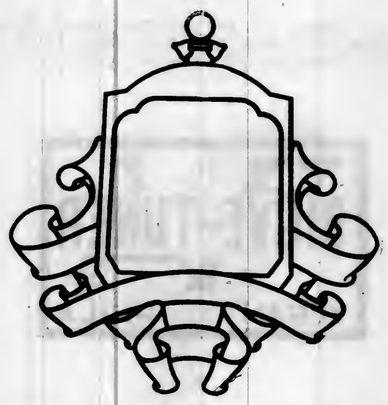
Particular description of goods.—Ball Bearings, Roller Bearings, Rings, Retainers, Washers, Cages, Separators, Housings, Boxes, Supports, Casings, Closures, Fastening Devices For Ball and Roller Bearings, Balls and Rollers for Bearings, Clutches, Pulleys, and Textile Spindles.
Claims use since January, 1922.

Ser. No. 223,025. (CLASS 5. ADHESIVES.) CROWLEY, MILNER & COMPANY, Detroit, Mich. Filed Nov. 9, 1925.

SHURSTIK

Particular description of goods.—Adhesive Paste.
Claims use since May 1, 1925.

Ser. No. 223,049. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) PACKARD MOTOR CAR COMPANY, Detroit, Mich. Filed Nov. 9, 1925.



Particular description of goods.—Automobiles and Constructive Parts Thereof.
Claims use since Oct. 9, 1925.

Ser. No. 223,080. (CLASS 12. CONSTRUCTION MATERIALS.) CONRAD M. CHANEY, Washington, D. C. Filed Nov. 10, 1925.

STABILT

Particular description of goods.—Portable Houses, Knockdown Sheds and Garages.
Claims use since Oct. 29, 1923.

Ser. No. 223,100. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MUELLER ELECTRIC COMPANY, Cleveland, Ohio. Filed Nov. 10, 1925.

Pee-Wee

Particular description of goods.—Connecting Clips.
Claims use since February, 1923.

Ser. No. 223,120. (CLASS 39. CLOTHING.) THE H. & W. COMPANY, Newark, N. J. Filed Nov. 11, 1925.

Pansy

Particular description of goods.—Bandeaux, Girdles, and Belts, Such Belts Being Usually Known as Garter Belts for Personal Wear.
Claims use since January, 1915.

Ser. No. 223,126. (CLASS 39. CLOTHING.) LENNY ROSENZWEIG DRESS CO. INC., New York, N. Y. Filed Nov. 11, 1925.

ROSY O'WYN MISSIE

The words "Rosy O'Wyn" and "Missie" are disclaimed apart from the mark shown on the drawing.
Particular description of goods.—Ladies' Dresses.
Claims use since Sept. 29, 1925.

Ser. No. 223,127. (CLASS 39. CLOTHING.) ALBERT D. LESSER, New York, N. Y. Filed Nov. 11, 1925.

VENLEG

Particular description of goods.—Trousers.
Claims use since Nov. 5, 1925.

Ser. No. 223,161. (CLASS 17. TOBACCO PRODUCTS.) CYRIEL BREYNAERT, doing business as C. Breynaert Co., Medford, Mass. Filed Nov. 12, 1925.

TOURIST CIGAR



No claim is made to the word "Cigar".
Particular description of goods.—Cigars.
Claims use since Oct. 27, 1925.

Ser. No. 223,186. (CLASS 37. PAPER AND STATIONERY.) THE PAPER SERVICE COMPANY, Arlington Heights, Ohio. Filed Nov. 12, 1925.

ELASTIKRAFT

Particular description of goods.—Crêped, Sulphite and Sulphate, Bleached and Unbleached Wrapping Paper.
Claims use since Mar. 5, 1924.

Ser. No. 223,192. (CLASS 12. CONSTRUCTION MATERIALS.) W. M. RITTER LUMBER COMPANY, Columbus, Ohio. Filed Nov. 12, 1925.

RITTER APPALACHIAN

The word "Ritter" is not claimed apart from the mark shown.
Particular description of goods.—Lumber and Flooring.
Claims use since June 15, 1925.

Ser. No. 223,193. (CLASS 12. CONSTRUCTION MATERIALS.) W. M. RITTER LUMBER COMPANY, Columbus, Ohio. Filed Nov. 12, 1925.

RITTER APPALACHIAN

The word "Ritter" is not claimed apart from the mark shown.
Particular description of goods.—Lumber and Flooring.
Claims use since June 15, 1925.

Ser. No. 223,195. (CLASS 12. CONSTRUCTION MATERIALS.) W. M. RITTER LUMBER COMPANY, Columbus, Ohio. Filed Nov. 12, 1925.

APPALACHIAN

Particular description of goods.—Lumber and Flooring.
Claims use since June 15, 1925.

Ser. No. 223,199. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SEMINOLE CHEMICAL CO., INC., New York, N. Y. Filed Nov. 12, 1925.



No claim is made to the words "Core," "Sand," "Foaming," and "Priming," "Oil," "Surging," and "Rust" appearing on the drawing.

Particular description of goods.—Chemicals Known as a Boiler Compound.

Claims use since Mar. 1, 1924.

Ser. No. 223,200. (CLASS 2. RECEPTACLES.) AMERICAN SPOTLESS STREET SYSTEM, INC., Petersburg, Va. Filed Nov. 11, 1925.

SPOTLESS

Particular description of goods.—Metal Street Waste Receptacles.

Claims use since October, 1921.

Ser. No. 223,216. (CLASS 17. TOBACCO PRODUCTS.) CONTINENTAL TOBACCO COMPANY, INC., New York, N. Y. Filed Nov. 13, 1925.

REVELATION

Particular description of goods.—Cigarettes.

Claims use since Dec. 1, 1924.

Ser. No. 223,226. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE FEDERAL RUBBER COMPANY OF ILLINOIS, Chicago, Ill., and Cudahy, Wis. Filed Nov. 13, 1925.

ELINSCOM

Particular description of goods.—Liquid Insulating Compound.

Claims use since Oct. 16, 1925.

Ser. No. 223,228. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) JOSEPH GRECO, doing business as The Greco Game Mfg. Co., New York, N. Y. Filed Nov. 13, 1925.

VILLAGE SNAP

The drawing is lined for the color red. No claim is made to any particular color.

Particular description of goods.—Parlor Board Game Played with Pieces.

Claims use since Oct. 19, 1925.

Ser. No. 223,249. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) MODERN LAUNDRY MACHINE MANUFACTURING COMPANY, Kansas City, Mo. Filed Nov. 13, 1925.

Mola

Particular description of goods.—Clothes or Laundry-Washing Machines.

Claims use since about July 1, 1915.

Ser. No. 223,252. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE NATIONAL TIRE & RUBBER COMPANY, East Palestine, Ohio. Filed Nov. 13, 1925.

SHOCK PAD

Particular description of goods.—Nonmetallic Pneumatic Tires.

Claims use since July 1, 1924.

Ser. No. 223,280. (CLASS 39. CLOTHING.) BEST & CO., INC., New York, N. Y. Filed Nov. 14, 1925. Under section 5b of the act of 1905 as amended in 1920.

Best & Co.

Particular description of goods.—Umbrellas.

Claims use since 1882.

Ser. No. 223,281. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BEST & CO., INC., New York, N. Y. Filed Nov. 14, 1925. Under section 5b of the act of 1905 as amended in 1920.

Best & Co.

Particular description of goods.—Handkerchiefs.

Claims use since 1882.

Ser. No. 223,307. (CLASS 17. TOBACCO PRODUCTS.) KRAUS & CO. INC., Baltimore, Md. Filed Nov. 14, 1925.

IN-B-TWEEN

Particular description of goods.—Tobacco Products—Namely, Cigars, Cigarettes, Cheroots, and Smoking and Chewing Tobacco.

Claims use since 1914.

Ser. No. 223,308. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE LAXA-RAISIN CO., Cincinnati, Ohio. Filed Nov. 14, 1925.



The pictorial representation of the goods is disclaimed apart from the other features of the mark.

Particular description of goods.—Fruit Laxative.

Claims use since Nov. 9, 1925.

Ser. No. 223,311. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) HAROLD L. MALE, Worcester Mass. Filed Nov. 14, 1925.

MOLD-MORE

Particular description of goods.—Molds for Making Toy Figures and the Material Used Therewith Sold as a Unit.

Claims use since July 1, 1925.

Ser. No. 223,336. (CLASS 32. FURNITURE AND UPHOLSTERY.) ADRIAN C. SCHAEFF, doing business as Old Colony Iron Works, Bridgeport, Conn. Filed Nov. 14, 1925.

DRAGON

Particular description of goods.—Smoker Stands.

Claims use since June 25, 1925.

Ser. No. 223,342. (CLASS 11. INKS AND INKING MATERIALS.) SIGMUND ULLMAN COMPANY, New York, N. Y. Filed Nov. 14, 1925.

GEOGRAPHIC

Particular description of goods.—Letter-Press or Typographic Inks.

Claims use since Dec. 22, 1920.

Ser. No. 223,361. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) WILLIAM ANDERSON, Menominee, Mich. Filed Nov. 16, 1925.

Success

Particular description of goods.—Rubber Inner-Tube Patches.

Claims use since Feb. 1, 1925.

Ser. No. 223,365. (CLASS 38. PRINTS AND PUBLICATIONS. THE BUNTING PUBLICATIONS, INC., Waukegan, Ill. Filed Nov. 16, 1925.

Bunting's Adcatalog for "Home Hardware"

Particular description of goods.—Publication Issued Monthly.

Claims use since Oct. 1, 1925.

Ser. No. 223,370. (CLASS 21. ELECTRICAL APPARATUS. MACHINES, AND SUPPLIES.) CARTER RADIO Co., Chicago, Ill. Filed Nov. 16, 1925.

IMP

Particular description of goods.—Radioplugs, Jacks, Switches, Loops, Coils, Rheostats, Potentiometers, Variocouplers, Variable Condensers, Fixed Condensers, Variometers, Resistance Units, Receiving Sets, Loud Speakers, Head Sets, Sockets, Transformers, Designation Plates for Radio Dials, Dials, Pawls, Tubes, and Grid Leaks.

Claims use since Apr. 12, 1922.

Ser. No. 223,390. (CLASS 38. PRINTS AND PUBLICATIONS.) KINGMAN AND WALTON, Boston, Mass. Filed Nov. 16, 1925.

KITCHEN-WARE

Particular description of goods.—Monthly Magazine.

Claims use since Nov. 8, 1925.

Ser. No. 223,391. (CLASS 38. PRINTS AND PUBLICATIONS.) KINGMAN AND WALTON, Boston, Mass. Filed Nov. 16, 1925.



Particular description of goods.—Monthly Magazine.
Claims use since Nov. 8, 1925.

Ser. No. 223,396. (CLASS 39. CLOTHING.) LOWELL-THOMAS SHOE CORPORATION, Newburyport, Mass. Filed Nov. 16, 1925.

Stab Shank

No claim is made to the use of the word "Shank" apart from the mark shown.
Particular description of goods.—Leather Shoes.
Claims use since Oct. 15, 1925.

Ser. No. 223,400. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) MAWHINNEY LAST COMPANY, Brockton, Mass. Filed Nov. 16, 1925.

FULLA TRIX

Particular description of goods.—Mechanical Dogs.
Claims use since May 6, 1925.

Ser. No. 223,411. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) RECORD-O-PHONE COMPANY, Washington, D. C. Filed Nov. 16, 1925.

The Singing Wire
MAGNETIC

Without foregoing any common-law rights, applicant disclaims the words "Magnetic, Wire" and the representation of the spools of wire apart from the mark shown.
Particular description of goods.—Machines for Electrically Recording and Reproducing Sound.
Claims use since Nov. 12, 1925.

Ser. No. 223,412. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) RECORD-O-PHONE COMPANY, Washington, D. C. Filed Nov. 16, 1925.

The Talking Wire
MAGNETIC

Without foregoing any common-law rights applicant disclaims the word "Magnetic," the representation of spools of wire, and the word "Wire" apart from the mark shown.
Particular description of goods.—Machines for Electrically Recording and Reproducing Sound.
Claims use since Nov. 12, 1925.

Ser. No. 223,413. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) RECORD-O-PHONE COMPANY, Washington, D. C. Filed Nov. 16, 1925.

Why Write?
Talk Your Letters
IT'S AS GOOD AS A VISIT

Applicant without foregoing any common-law rights disclaims the word "Magnetic," the representation of a wire wound on two reels and the words "Why Write? Talk Your Letters. It's as Good as a Visit" apart from the mark shown.
Particular description of goods.—Electric-Lighting Fixtures and Electric-Lighting-Fixture Units.
Claims use since Nov. 12, 1925.

Ser. No. 223,418. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOUTHERN CREAMERIES, INC., Nashville, Tenn. Filed Nov. 16, 1925.

SPECIAL
SICE CREAMC
SWEET

The words "Special Ice Cream Sweet" do not form a part of the registration sought apart from the mark shown in the drawing.
Particular description of goods.—Sweet Butter Used for Making Ice Cream.
Claims use since Apr. 1, 1925.

Ser. No. 223,420. (CLASS 39. CLOTHING.) STEINER-LOBMAN DRY GOODS COMPANY, Montgomery, Ala. Filed Nov. 16, 1925.

ALABAMA BILL
"BEST BY TEST"

No claim is made herein to the words "Best by Test Alone."
Particular description of goods.—Work Shirts.
Claims use since Sept. 2, 1925.

Ser. No. 223,485. (CLASS 39. CLOTHING.) GATES, MILLS & DRISCOLL, INC., Johnstown, N. Y. Filed Nov. 17, 1925.

GATES GLOVES

Applicant makes no claim to the words "Gates Gloves" and the words "Gates, Mills & Driscoll, Inc." except in association with the rest of the mark.
Particular description of goods.—Gloves Made of Leather, Cotton Fabric, Woolen Fabric, Silk Fabric, and Combinations Thereof.
Claims use since Oct. 15, 1925.

Ser. No. 223,479. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) B. BERTHA KOLLIN, New York, N. Y. Filed Nov. 18, 1925.

ENJOY
K A
A T U K
TWINJOY
TRADE-MARK PATENT APPLIED FOR

The words "Trade-Mark" and "Patent Applied for" are disclaimed apart from the other features of the mark. The lettering including the larger of the two central U-shaped figures, is of black, the outer circle and the two oval outlines inclosing "K" and "A", respectively, are of blue; the remainder is of red.
Particular description of goods.—Dolls.
Claims use since Aug. 15, 1925.

Ser. No. 223,559. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) TOCH BROTHERS, INCORPORATED, New York, N. Y. Filed Nov. 19, 1925. Under ten-year proviso.

EDINBURGH

Particular description of goods.—Tinters for Mortar or Plaster Compounds.
Claims use since March, 1887.

Ser. No. 223,560. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) TOCH BROTHERS, INCORPORATED, New York, N. Y. Filed Nov. 19, 1925.

ANHYDROSOL

Particular description of goods.—Water and Stain Proofing Liquid.
Claims use since Jan. 1, 1903.

343 O. G.—3

Ser. No. 223,561. (CLASS 39. CLOTHING.) TUTTLE-SCOTT STORES, INC., Toledo, Ohio. Filed Nov. 19, 1925.

TUSCO
MILES
OF WEAR

Particular description of goods.—Leather, Rubber, and Fabric Shoes.
Claims use since about July 23, 1925.

Ser. No. 223,562. (CLASS 39. CLOTHING.) TUTTLE-SCOTT STORES, INC., Toledo, Ohio. Filed Nov. 19, 1925.

TUSCO
FOR
FLYING
FEET

Particular description of goods.—Leather, Rubber, and Fabric Shoes.
Claims use since about Aug. 11, 1925.

Ser. No. 223,576. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANCIS W. GLOVER, doing business as F. W. Glover and Son., Lancaster, Mass. Filed Nov. 20, 1925.

FLY-RID

Particular description of goods.—Insecticides.
Claims use since Aug. 1, 1925.

Ser. No. 223,592. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) THE OHIO MATCH COMPANY, Wadsworth, Ohio. Filed Nov. 20, 1925.

PLA-SAFE

Applicant disclaims the word "Safe" except in the combination shown.
Particular description of goods.—Matches.
Claims use since Apr. 30, 1915.

Ser. No. 223,596. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) THE OHIO MATCH COMPANY, Wadsworth, Ohio. Filed Nov. 20, 1925.

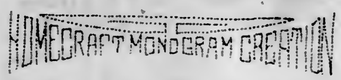


The panel shown upon the accompanying drawing is crosshatched to indicate the color red, and the letters of the words "Ohio," "Red Label," and "Matches" are crosshatched to indicate the color blue. Applicant does not claim the right to exclusive use of the words "Ohio," "Red Label," and "Matches" except in the combination shown in the accompanying drawing.

Particular description of goods.—Matches.

Claims use since Aug. 12, 1923.

Ser. No. 223,601. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) POWERS, FRIEND & LICHTMAN, New York, N. Y. Filed Nov. 20, 1925.



No claim is made to the exclusive right to the use of the words "Monogram Creation" except in association with the word "Homecraft" and/or with the scroll shown in the drawing.

Particular description of goods.—Fringes and Art Needlework Consisting of Stamped Linens and Cottons.

Claims use since Jan. 1, 1924.

Ser. No. 223,602. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) POWERS, FRIEND & LICHTMAN, New York, N. Y. Filed Nov. 20, 1925.



No claim is made to the exclusive right to the use of the word "Creation" except in association with the word "Homecraft" and/or with the scroll shown on the drawing.

Particular description of goods.—Fringes and Art Needlework Consisting of Stamped Linens and Cottons.

Claims use since Jan. 1, 1924.

Ser. No. 223,604. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) REICHMANN COMPANY, Chicago, Ill. Filed Nov. 20, 1925.

Thorola

Particular description of goods.—Radio Receiving Sets, Parts Thereof, and Loop Antennæ Therefor.

Claims use since Apr. 1, 1924.

Ser. No. 223,605. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) JACOB RICHARDSON, New York, N. Y. Filed Nov. 20, 1925.

Glorine Headlight

No claim is made to the word "Headlight" apart from the mark as shown.

Particular description of goods.—Silver, Nickel, and Brass Polishes.

Claims use since Oct. 29, 1925.

Ser. No. 223,622. (CLASS 39. CLOTHING.) BENJAMIN COOK, doing business as Arch-Craft Shoe Shop, New York, N. Y. Filed Nov. 21, 1925.

Arch-Craft

Particular description of goods.—Women's and Children's Leather Shoes.

Claims use since July 1, 1925.

Ser. No. 223,642. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ALBERT H. HOLLAND, Petersburg, Ohio. Filed Nov. 21, 1925.



Particular description of goods.—Automobile Top Dressing.

Claims use since Nov. 13, 1925.

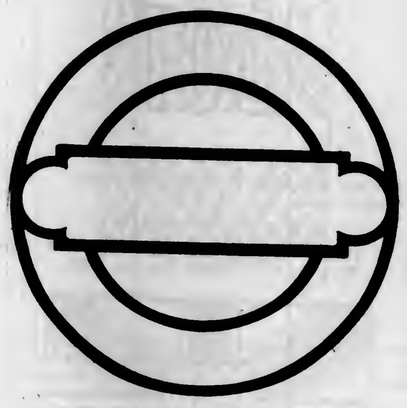
Ser. No. 223,671. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed Nov. 21, 1925.

Sol-Lux

Particular description of goods.—Electric-Lighting Fixtures and Electric-Lighting-Fixture Units.

Claims use since Jan. 1, 1923.

Ser. No. 223,673. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WILLARD STORAGE BATTERY COMPANY, Cleveland, Ohio. Filed Nov. 21, 1925.



Particular description of goods.—Storage Batteries and Parts Thereof.

Claims use since May 1, 1920.

Ser. No. 223,684. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CALCREOINE COMPANY, Connersville, Ind. Filed Nov. 23, 1925.

CALCREOINE

Particular description of goods.—Medical Compound for Colds, Pneumonia, Flu, and La Grippe.

Claims use since Nov. 15, 1920.

Ser. No. 223,685. (CLASS 39. CLOTHING.) J. CASIN & CO., INC., New York, N. Y. Filed Nov. 23, 1925.

Casin

The trade-mark is a facsimile signature of the applicant, and the name is disclaimed apart from the display shown on the accompanying drawing.

Particular description of goods.—Silk Gloves, Underwear of Both Knitted and Textile Fabric, and Hosiery. and Rayon Gloves, Underwear of Both Knitted and Textile Fabric, and Hosiery.

Claims use since July 18, 1925.

Ser. No. 223,690. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) THE J. W. CROWDUS DRUG CO., Dallas, Tex. Filed Nov. 23, 1925.

PERSONALITY

Particular description of goods.—Whisky.

Claims use since July 31, 1924.

Ser. No. 223,691. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) THE J. W. CROWDUS DRUG CO., Dallas, Tex. Filed Nov. 23, 1925.

OLD OVERTEN 10 WHISKEY

Applicant disclaims the use of the word "Whiskey" apart from the other features of the mark. The drawing is lined for red and gold.

Particular description of goods.—Whisky.

Claims use since Aug. 5, 1924.

Ser. No. 223,692. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) DE LEON BANDEAU CO., St. Louis, Mo. Filed Nov. 23, 1925.

Airkushun

Particular description of goods.—Hat-Size Reducers for Ladies' Hats.

Claims use since about Sept. 14, 1925.

Ser. No. 223,701. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Nov. 23, 1925.

Verlaine

Particular description of goods.—Cotton Voile in the Piece.

Claims use since Sept. 25, 1913.

Ser. No. 223,702. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Nov. 23, 1925.

VICTORIA

Particular description of goods.—Cotton Challies in the Piece.
Claims use since Sept. 14, 1914.

Ser. No. 223,703. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Nov. 23, 1925.

PICARDIE

Particular description of goods.—Cotton-Voile Piece Goods.
Claims use since Aug. 29, 1916.

Ser. No. 223,752. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) TOMLEE TOOL CO., Brockton, Mass. Filed Nov. 23, 1925.

TOMLEE

Particular description of goods.—Tools for Expanding and Contracting the Rims of Wheels of Motor Cars.
Claims use since Nov. 1, 1925.

Ser. No. 223,781. (CLASS 39. CLOTHING.) HAINES HOSIERY MILLS, INC., Philadelphia, Pa. Filed Nov. 24, 1925.

No claim is made to the words "Triple Stripe Hosiery" apart from the other features of the mark.
Particular description of goods.—Hosiery for Men, Women, and Children.
Claims use since July, 1925.

Ser. No. 223,783. (CLASS 39. CLOTHING.) M B. HAMILTON & CO., Leavenworth, Kans. Filed Nov. 24, 1925.

WEAR U WELL

Particular description of goods.—Work Gloves, Mittens, and Gauntlets Made from Fabric and Combinations of Fabric and Leather.
Claims use since Apr. 15, 1925.

Ser. No. 223,833. (CLASS 17. TOBACCO PRODUCTS.) S. BENADERET, INC., San Francisco, Calif. Filed Nov. 25, 1925.

DOT

Particular description of goods.—Cigarettes.
Claims use since Sept. 30, 1925.

Ser. No. 223,834. (CLASS 39. CLOTHING.) F. BERG & CO., Norwalk, Conn. Filed Nov. 25, 1925.



Exclusive right to use of word "Felts" and the surname "Berg" except in the particular arrangement and association in which they appear with the other features of the mark is disclaimed. The mark consists of the words "Blazer Felts" separated by the word "Berg" inclosed in a circle and intersecting diagonal red and green bars intersected by a vertical blue bar.
Particular description of goods.—Felt Hats for Men.
Claims use since September, 1925.

Ser. No. 223,842. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE F. W. FITCH COMPANY, Des Moines, Iowa. Filed Nov. 25, 1925. Under ten-year proviso.

Ideal

Trade-mark consists of the word "Ideal."
Particular description of goods.—Hair Tonic.
Claims use since 1893.

Ser. No. 223,846. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MILTON H. JACOB, Pittsburgh, Pa. Filed Nov. 25, 1925.

"PASTIME"

Particular description of goods.—Radio Receiving Sets.
Claims use since Nov. 3, 1925.

Ser. No. 223,891. (CLASS 39. CLOTHING.) BLOG SHOE FINDING CO. INC., New York, N. Y. Filed Nov. 27, 1925.



The words "Dr. Reen" are disclaimed when used apart from the mark shown.
Particular description of goods.—Children's Leather Shoes.
Claims use since Sept. 1, 1925.

Ser. No. 223,895. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BAILEY & COMPANY, INC., Atlanta, Ga. Filed Nov. 27, 1925.

Musi-King

Particular description of goods.—Radio Receiving Sets, Loud Speakers, Radiobatteries, Radiotubes, Radio Head Sets, and Telephone Receivers.
Claims use since Nov. 3, 1925.

Ser. No. 223,931. (CLASS 39. CLOTHING.) MORGAN KNITTING MILLS, INC., New York, N. Y. Filed Nov. 27, 1925.

Livly Boy

Particular description of goods.—Sweaters; Knitted Caps for Men, Women, and Children; Bathing Suits, Hosiery, and Knitted Jackets.
Claims use since July 1, 1925.

Ser. No. 223,932. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) MARTIN NATHAN CO., INC., New York, N. Y. Filed Nov. 27, 1925.

MANACO

Particular description of goods.—Silk Waste and Artificial-Silk Waste.
Claims use since Nov. 16, 1925.

Ser. No. 223,938. (CLASS 39. CLOTHING.) OSWEGO RAYON CORPORATION, Oswego, N. Y. Filed Nov. 27, 1925.

RayonMaid

No claim is made to the exclusive use of the word "Rayon" apart from the mark shown.
Particular description of goods.—Lingerie or Women's Underwear: Vests, Bloomers, Step-ins, Chemise, Gowns, Slips, Brassières and Combinations, and Hosiery.
Claims use since Nov. 12, 1925.

Ser. No. 223,944. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) JACOB STUART SCHARF, doing business as J. S. Scharf, New York, N. Y. Filed Nov. 27, 1925.



All printed matter except the words "Inverso" is disclaimed. The picture of the lamp in its natural position, also the picture of the lamp in its inverted position is hereby disclaimed. The pictures of the man and woman are merely fanciful.
Particular description of goods.—An Electric Lamp Usable Also for Cooking, Toasting, and Air-Heating Purposes and For Any One of Such Purposes in Combination with its Lighting Features.
Claims use since Aug. 15, 1925.

Ser. No. 223,949. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE F. W. WAKEFIELD BRASS COMPANY, Vermilion, Ohio. Filed Nov. 27, 1925.

Attachette

Particular description of goods.—Electric-Lighting Fixtures and Parts Thereof.
Claims use since Nov. 17, 1925.

Ser. No. 223,957. (CLASS 39. CLOTHING.) DE MARINIS & LORIE, INC., New York, N. Y. Filed Nov. 28, 1925.



No claim is made to the exclusive right to the word "Borsalino" or to the descriptive or geographical matter shown on the drawing or to the name of "G. B. Borsalino fu Lazzaro & C" except in association with the other features of the mark.

Particular description of goods.—Ladies' Hats.

Claims use since September, 1911.

Ser. No. 223,963. (CLASS 39. CLOTHING.) JAFFE BROS., Philadelphia, Pa. Filed Nov. 28, 1925.



Applicants disclaim exclusive rights to the use of the descriptive words "Tru Blue Serge" except in the particular arrangement and association in which they appear in the drawing.

Particular description of goods.—Blue-Serge Suits for Men (Special Brand).

Claims use since Jan. 5, 1925.

Ser. No. 223,976. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HENRY VALENTINE, Annapolis, Md. Filed Nov. 28, 1925.

Henry Valentine

The mark is the facsimile signature of the applicant.

Particular description of goods.—Salad Dressings.

Claims use since Sept. 1, 1925.

Ser. No. 223,986. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ARROW GAUGE AND VALVE CO. INC., Brooklyn, N. Y. Filed Nov. 30, 1925.



No claim is made herein to the words "Metal Lamps" and "Trade Mark" apart from the mark shown in the drawing.

Particular description of goods.—Metal Electric Lamps.

Claims use since Sept. 20, 1925.

Ser. No. 224,022. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CARL H. HARTMANN CO. INC., New York, N. Y. Filed Nov. 30, 1925.

Fillopan

Particular description of goods.—Fruit Paste for Bakers' and Confectioners' Use.

Claims use since Nov. 2, 1925.

Ser. No. 224,039. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) PEPPERELL MANUFACTURING COMPANY, Biddeford, Me., Opelika, Ala., and Boston, Mass. Filed Nov. 30, 1925.



Particular description of goods.—Bed Sheets and Slips, Sheeting in the Piece, Silk Fabrics, Artificial-Silk Fabrics, and Cotton Fabrics in the Piece.

Claims use since Nov. 3, 1925.

Ser. No. 224,040. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) PEPPERELL MANUFACTURING COMPANY, Biddeford, Me., Opelika, Ala., and Boston, Mass. Filed Nov. 30, 1925.

Lady PEPPERELL

Particular description of goods.—Bed Sheets and Slips, Sheeting in the Piece, Silk Fabrics, Artificial-Silk Fabrics, and Cotton Fabrics in the Piece.

Claims use since Nov. 3, 1925.

Ser. No. 224,049. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) ERNEST RAT, Lyon, France. Filed Nov. 30, 1925.

"OCCULTA"

Particular description of goods.—Varicose-Stockings.

Claims use since Mar. 28, 1923.

Ser. No. 224,052. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) RUBICO BRUSH MANUFACTURERS INC., New York, N. Y. Filed Nov. 30, 1925.



Applicant waives and disclaims exclusive right to the words "Warranted Pure Chinese Bristles."

Particular description of goods.—Brushes—Namely, Paint, Varnish, Calcimine, Floor, Artists', Sash Tool, Wall Stucco, Paper Hangers', and Whitwash; Counter and Painters' Dusters and Brooms.

Claims use since Aug. 15, 1924.

Ser. No. 224,053. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) RUBICO BRUSH MANUFACTURERS INC., New York, N. Y. Filed Nov. 30, 1925.



Applicant waives and disclaims exclusive right to the words "Warranted Pure Russian Hog Bristles."

Particular description of goods.—Brushes—Namely, Paint, Varnish, Calcimine, Floor, Artists', Sash Tool, Wall Stucco, Paper Hangers', and Whitewash; Counter and Painters' Dusters and Brooms.

Claims use since Aug. 15, 1924.

Ser. No. 224,059. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) SLEEPER RADIO CORPORATION, New York, N. Y. Filed Nov. 30, 1925.

MINERVA

Particular description of goods.—Radio Receiving Sets and Parts Thereof.

Claims use since July 14, 1925.

Ser. No. 224,069. (CLASS 15. OILS AND GREASES.) ATKINS, KNOLL & Co., San Francisco, Calif. Filed Dec. 2, 1925.

AKBAR

Particular description of goods.—Gasoline, Benzine, Petroleum Distillate, Kerosene, Refined Illuminating Oil, Power Oil, Lubricating Oils, Lubricating Greases, and Benzolate.

Claims use since Sept. 18, 1925.

Ser. No. 224,090. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HAZELTINE CORPORATION, Jersey City, N. J. Filed Dec. 2, 1925.

NEUTROID

Particular description of goods.—Coils for Use in Radio and Electrical Apparatus.

Claims use since Nov. 4, 1925.

Ser. No. 224,094. (CLASS 12. CONSTRUCTION MATERIALS.) LARS JACKSON, doing business as The Lars Jackson Co., Brooklyn, N. Y. Filed Dec. 2, 1925.

TREDMOR

Particular description of goods.—Concrete and Cement Floor Hardener.

Claims use since Apr. 2, 1924.

Ser. No. 224,099. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARIE DE FRANCE LABORATORIES, INC., New York, N. Y. Filed Dec. 2, 1925.

Rojane

Trade-Mark consists of the word "Rojane."

Particular description of goods.—Perfumery Extracts, Alcoholic Perfumery, Toilet Water, Talcum Powder, and Face Powder.

Claims use since Nov. 1, 1925.

Ser. No. 224,102. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) METRO ELECTRIC CO., Chicago, Ill. Filed Dec. 2, 1925.

Metrodyne

Particular description of goods.—Complete Radio Receiving Sets, Radio Receiving Sets Adapted for Combination with Talking Machines or Mechanical Amplifiers, Amplifier Units Containing Electron Tubes, Loud Speakers, and Amplifying Horns.

Claims use since April, 1924.

Ser. No. 224,171. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) BEMIS BRO. BAG COMPANY, St. Louis, Mo. Filed Dec. 3, 1925.

FLEXIPIPE

Particular description of goods.—Canvas Tubing Which is Principally Used for Ventilating Purposes in Mines.

Claims use since Apr. 25, 1921.

Ser. No. 224,178. (CLASS 39. CLOTHING.) H. CHILDS & Co. INC., Pittsburgh, Pa. Filed Dec. 3, 1925.



No claim is made to the word "Childs" or "Shoe" apart from the mark shown in the drawing.

Particular description of goods.—Shoes Made of Leather, Canvas, Rubber, Cloth, or Combinations Thereof.

Claims use since Mar. 1, 1905.

Ser. No. 224,183. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EDWARD J. FAY, New York, N. Y. Filed Dec. 3, 1925.

MIMZY

Trade-Mark consists in the word "Mimzy."

Particular description of goods.—Pharmaceuticals—viz, Perfumes.

Claims use since Nov. 4. 1925.

Ser. No. 224,184. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DANIEL C. FLOWERS, Shawnee, Okla. Filed Dec. 3, 1925.



Applicant disclaims any right to the use of the words "Trade-Mark" appearing on the drawing except as used in the application. The portrait shown is that of proprietor of trade-mark.

Particular description of goods.—Salve for Eczema, Ringworm, Tetter, Poison Oak, Itch, Heat, Insect Bites, and Other Skin Diseases.

Claims use since Nov. 1, 1920.

Ser. No. 224,192. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KNOLLENBERG MILLING COMPANY, Quincy, Ill. Filed Dec. 3, 1925.



Particular description of goods.—Wheat Flour.

Claims use since Sept. 4. 1925.

Ser. No. 224,197. (CLASS 5. ADHESIVES.) CHESTER A. MARSH, Bay City, Mich. Filed Dec. 3, 1925.

Silver Seal

Particular description of goods.—Tire Cement.

Claims use since Nov. 1, 1924.

Ser. No. 224,206. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RONOX PHARMACEUTICAL COMPANY, Muncie, Ind. Filed Dec. 3, 1925.

RONOX

Particular description of goods.—Blood Medicine.

Claims use since Sept. 1, 1925.

Ser. No. 224,238. (CLASS 45. BEVERAGES, NONALCOHOLIC.) E. & H. BOTTLING CO., Baltimore, Md. Filed Dec. 4, 1925.

AIREDALE

Trade-mark consists of the word "Airedale."

Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless, Beverages, Sold as Soft Drinks—Viz, Ginger Ale and Other Flavors.

Claims use since Nov. 20, 1925.

Ser. No. 224,264. (CLASS 43. THREAD AND YARN.) ALBERT J. PFEIFFER, INC., New York, N. Y. Filed Dec. 4, 1925.



Applicant disclaims the exclusive right to use of words "America's Finest" apart from the mark as shown in the drawing.

Particular description of goods.—Silk Yarns, Rayon Yarns, Yarns of Worsted and Silk Mixture, and Yarns of Cotton and Silk Mixture.

Claims use since December, 1924.

Ser. No. 224,277. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) COLONIAL DRUG & SALES CO., Denver, Colo. Filed Dec. 5, 1925.

NOFREEZATOL

The trade-mark comprises the word "Nofreezatol."

Particular description of goods.—Antifreezing Compound for Radiators.

Claims use since Sept. 1, 1924.

Ser. No. 224,283. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) JANSSEN PIANO CO., INC., New York, N. Y. Filed Dec. 5, 1925.

REPRO-ACTING PLAYER

Trade-mark drawing consists of the words "Repro-Acting Player." No claim is made to exclusive use of the word "Player" apart from the mark as shown in the drawing.

Particular description of goods.—Player Pianos.

Claims use since May 1, 1924.

Ser. No. 224,288. (CLASS 39. CLOTHING.) MILDRED MILLER, Baltimore, Md. Filed Dec. 5, 1925.



Particular description of goods.—Shoe Soles.

Claims use since July, 1925.

Ser. No. 224,293. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE PRO-LAC MILLING COMPANY, Des Moines, Iowa. Filed Dec. 5, 1925.

Vita-Lac

Particular description of goods.—Prepared Stock Food.

Claims use since Jan. 2, 1925.

Ser. No. 224,296. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHARLES FREDERICK SCHIBENER, doing business as The Drew Pharmacal Co., Buffalo, N. Y., and Toronto, Canada. Filed Dec. 5, 1925.

BILADINE

Particular description of goods.—Preparation for the Digestive Organs and the Liver.

Claims use since about Oct. 30, 1925.

Ser. No. 224,320. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CARILLON RADIO CO., INC., Essex, N. Y. Filed Dec. 7, 1925.



Particular description of goods.—Radio Receiving Sets.

Claims use since Aug. 25, 1925.

Ser. No. 224,322. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) CONRAD & HOEHNE, INC., New York, N. Y. Filed Dec. 7, 1925.



Particular description of goods.—Artists' Relief Paints.
Claims use since Aug. 13, 1925.

Ser. No. 224,324. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ELECTRIC VACUUM CLEANER COMPANY, INC., Cleveland, Ohio. Filed Dec. 7, 1925.



No claim is made to the words "Electric Cleaner" apart from the mark shown.
Particular description of goods.—Electric Vacuum Cleaners and Parts Thereof.
Claims use since Jan. 9, 1925.

Ser. No. 224,336. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE R. F. JOHNSTON PAINT COMPANY, Cincinnati, Ohio. Filed Dec. 7, 1925.

SWANEE-LAC

Applicant disclaims exclusive right to "Lac" except in the connection shown.
Particular description of goods.—Ready-Mixed Paints, Paint Enamels, Thinner, Lacquer, Primer, Filler, and Polish.
Claims use since Nov. 24, 1925.

Ser. No. 224,337. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GERHARD KNEWITZ, East St. Louis, Ill. Filed Dec. 7, 1925.

OILAX

Particular description of goods.—Castor Oil.
Claims use since Jan. 3, 1924.

Ser. No. 224,338. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALFRED J. KRANK, doing business as A. J. Krank Manufacturing Company, St. Paul, Minn. Filed Dec. 7, 1925.

NARSOLINE

Particular description of goods.—Face Lotions.
Claims use since Nov. 1, 1925.

Ser. No. 224,339. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) H. R. KURTZ & CO., INC., New York, N. Y. Filed Dec. 7, 1925.

Chiffosheer

Particular description of goods.—Cotton, and Cotton and Silk Mixture Piece Goods.
Claims use since Nov. 18, 1925.

Ser. No. 224,343. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NATIONAL POWDER PAINT CO., Minneapolis, Minn. Filed Dec. 7, 1925.

CREOKOTE

Particular description of goods.—Powdered Paint Disinfectant.
Claims use since Nov. 3, 1925.

Ser. No. 224,349. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PADDY AND THEODORE, Los Angeles, Calif. Filed Dec. 7, 1925.

LUNGOZONE

Particular description of goods.—Preparation Used in the Treatment of Tuberculosis and Asthma.
Claims use since Nov. 21, 1925.

Ser. No. 224,353. (CLASS 12. CONSTRUCTION MATERIALS.) PIONEER PAPER COMPANY, Los Angeles, Calif. Filed Dec. 7, 1925.

Yosemite

Particular description of goods.—Rolled Roofing and Asphalt and Slate Surfaced Shingles.
Claims use since Feb. 26, 1925.

Ser. No. 224,357. (CLASS 12. CONSTRUCTION MATERIALS.) PIONEER PAPER COMPANY, Los Angeles, Calif. Filed Dec. 7, 1925.

NILEBLEND

Particular description of goods.—Rock-Surfaced Asphalt Shingles.
Claims use since Feb. 26, 1925.

Ser. No. 224,424. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) MAX ROSENWALD, doing business as Benedikt Co., New York, N. Y. Filed Dec. 8, 1925.

ORTHODENTIG

Particular description of goods.—Toothbrushes.
Claims use since July 8, 1925.

Ser. No. 224,499. (CLASS 38. PRINTS AND PUBLICATIONS.) CAPITAL MORTGAGE CORPORATION, Chicago, Ill. Filed Dec. 10, 1925.



Particular description of goods.—Real-Estate First-Mortgage Bonds.
Claims use since Mar. 4, 1924.

Ser. No. 224,823. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) KIMBERLY-CLARK COMPANY, Neenah, Wis. Filed Dec. 17, 1925.

Cellu Filter

No claim is made to the word "Filter" apart from the mark shown in the drawing.
Particular description of goods.—Milk Strainers.
Claims use since Sept. 9, 1925.

Ser. No. 224,914. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) IDEAL TOOTH INCORPORATED, Cambridge, Mass. Filed Dec. 19, 1925.

PONTOPIN

Particular description of goods.—Artificial Teeth.
Claims use since on or about Oct. 5, 1925.

Ser. No. 224,934. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) SHELBY CYCLE COMPANY, Shelby, Ohio. Filed Dec. 19, 1925.

SUPREME

Particular description of goods.—Bicycles.
Claims use since Aug. 1, 1925.

Ser. No. 224,935. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE STANLEY WORKS, New Britain, Conn. Filed Dec. 19, 1925.

808

Particular description of goods.—Hinges.
Claims use since 1887.

Ser. No. 224,943. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE AMERICAN STEEL AND WIRE COMPANY OF NEW JERSEY, Cleveland, Ohio; Chicago, Ill.; Pittsburgh, Pa., New York, N. Y.; Worcester, Mass. Filed Dec. 21, 1925.

PRAIRIE

The trade-mark consists of the word "Prairie."
Particular description of goods.—Wire Fencing, and Particularly Woven-Wire Fencing.
Claims use since Nov. 27, 1925.

Ser. No. 224,972. (CLASS 10. FERTILIZERS.) INTERNATIONAL AGRICULTURAL CORPORATION, New York, N. Y. Filed Dec. 21, 1925.

FERTILIS

Particular description of goods.—Tablets of Fertilizing Material.
Claims use since Nov. 17, 1925.

Ser. No. 225,009. (CLASS 32. FURNITURE AND UPHOLSTERY.) CHAS. EMMERICH & Co., Chicago, Ill. Filed Dec. 22, 1925.



The portrait shown in the drawing is fanciful and not that of any individual.

Particular description of goods.—Pillows.

Claims use since Jan. 1, 1925.

Ser. No. 225,087. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM FRUBLEUSKY, Worcester, Mass. Filed Dec. 23, 1925.



The portrait is that of applicant.

Particular description of goods.—Hair Tonic.

Claims use since Sept. 2, 1925.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

FEBRUARY 2, 1926.

208,398. RUBBER SUNDRIES FOR SURGICAL, DENTAL, OR INVALID USE. SOCIÉTÉ FRANÇAISE TRÉUCOLNIK, Levallois-Perret, France.

Filed June 7, 1923. Serial No. 181,653. PUBLISHED NOVEMBER 10, 1925.

208,399. INTERNAL-COMBUSTION ENGINES AND PARTS THEREOF. NEW JERSEY MOTORS, INC., Keyport, N. J.

Filed May 16, 1924. Serial No. 197,163. PUBLISHED NOVEMBER 10, 1925.

208,400. FLAPS FOR AUTOMOBILE RIMS. NORTH EASTERN RUBBER CO., Elizabeth, N. J.

Filed March 1, 1924. Serial No. 193,118. PUBLISHED NOVEMBER 10, 1925.

208,401. ANÆSTHETICS. PARKE, DAVIS & COMPANY, Detroit, Mich.

Filed September 24, 1924. Serial No. 203,003. PUBLISHED NOVEMBER 10, 1925.

208,402. BOWLING-ALLEY PIN SETTERS AND SUPPLIES AND EQUIPMENT THEREFOR. THE BRUNSWICK-BALKE COLLENDER COMPANY, Chicago, Ill.

Filed September 15, 1924. Under section 5ᵇ of the act of 1905 as amended in 1920. Serial No. 202,609. PUBLISHED NOVEMBER 10, 1925.

208,403. ABSORBENT GAUZE, ABSORBENT COTTON, ABSORBENT WASTE COTTON, STERILIZED GAUZE, BANDAGES, BANDAGE ROLLS, AND ADHESIVE PLASTERS. LEWIS MANUFACTURING COMPANY, Walpole, Mass., assignor by mesne assignments to First National Bank of Boston, Boston, Mass., a Corporation of Massachusetts, and Olaf Olsen, Milton, Mass., Trustees.

Filed September 5, 1924. Serial No. 202,257. PUBLISHED NOVEMBER 10, 1925.

208,404. BRICKS. DECATUR BRICK MFG. CO., Decatur, Ill.

Filed August 12, 1924. Serial No. 201,288. PUBLISHED OCTOBER 20, 1925.

208,405. POCKET, DESK, OR SEWING-BASKET KNIFE. KWIK-KUT KNIFE COMPANY, St. Louis, Mo.

Filed December 4, 1924. Serial No. 206,242. PUBLISHED NOVEMBER 10, 1925.

208,406. INNER TUBES FOR PNEUMATIC VEHICLE TIRES, SAID INNER TUBES BEING COMPOSED WHOLLY OR IN PART OF RUBBER. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio.

Filed December 26, 1924. Serial No. 207,240. PUBLISHED NOVEMBER 10, 1925.

208,407. METAL CABINETS FOR RADIATORS, HOT-AIR REGISTERS, AND HEATERS. DIXIE METAL PRODUCTS CO., Birmingham, Ala.

Filed January 24, 1925. Serial No. 208,578. PUBLISHED OCTOBER 20, 1925.

208,408. TOILET PREPARATIONS — NAMELY, CREAMS, TOILET POWDERS, TALCUMS, ROUGE, LIP STICKS, EYEBROW PENCILS, TOOTH PASTE, AND PERFUMES. A. W. JOSLYN, Racine, Wis.

Filed January 7, 1925. Serial No. 207,788. PUBLISHED NOVEMBER 10, 1925.

208,409. IMPORTED SWISS GRUYÈRE CHEESE. C. E. ZUERCHER & Co., Chicago, Ill.

Filed January 24, 1925. Serial No. 208,629. PUBLISHED NOVEMBER 10, 1925.

208,410. KNIVES FOR WOODWORKING. P. B. YATES MACHINE COMPANY, now by change of name, YATES-AMERICAN MACHINE COMPANY, Beloit, Wis.

Filed February 12, 1925. Serial No. 209,521. PUBLISHED NOVEMBER 10, 1925.

208,411. TOOTHBRUSHES. FORHAN COMPANY, New York, N. Y.

Filed March 5, 1925. Serial No. 210,544. PUBLISHED NOVEMBER 10, 1925.

208,412. PLUG, CUT-PLUG, CHEWING, AND SMOKING TOBACCO. W. A. BROWN TOBACCO COMPANY, INCORPORATED, Martinsville, Va.

Filed June 9, 1925. Serial No. 215,502. PUBLISHED NOVEMBER 10, 1925.

208,413. LIQUID USED FOR TWO PURPOSES—FIRST, FOR PREPARING SHEET METAL FOR PICKLING; SECONDLY, FOR NEUTRALIZING ACID AFTER PICKLING. ALLIED INDUSTRIAL PRODUCTS COMPANY, Chicago, Ill.

Filed May 14, 1925. Serial No. 214,307. PUBLISHED NOVEMBER 10, 1925.

208,414. HIDES. THE LACKAWANNA LEATHER COMPANY, Hackettstown, N. J.

Filed April 24, 1925. Serial No. 213,244. PUBLISHED OCTOBER 27, 1925.

208,415. CREAMERY BUTTER. SWIFT AND COMPANY, Chicago, Ill.

Filed April 20, 1925. Serial No. 213,050. PUBLISHED NOVEMBER 10, 1925.

208,416. MERRY-GO-ROUNDS, SWINGS, TEETERS, AND OTHER AMUSEMENT DEVICES. WALTER D. MOLBY, doing business as Molby Mfg. Co., Baldwin City, Kans.

Filed April 16, 1925. Serial No. 212,823. PUBLISHED NOVEMBER 10, 1925.

208,417. FISHING TACKLE—NAMELY, ARTIFICIAL FLIES, BOOKS OR HOLDERS FOR ARTIFICIAL FLIES, FISHING HOOKS BOTH PLAIN AND SNELLED, LEADERS OF BOTH GUT AND WIRE, TROLLING BAIT; SPINNERS, SPOONS, AND SWIVELS FOR FISHING BAIT; SILKWORM GUT, AND FISHING LINES. FROST FISHING TACKLE COMPANY, Stevens Point, Wis.

Filed March 12, 1925. Serial No. 210,899. PUBLISHED NOVEMBER 3, 1925.

208,418. MIRRORS. THE FIBERLOID CORPORATION, Indian Orchard, Springfield, Mass.

Filed February 28, 1925. Serial No. 210,296. PUBLISHED NOVEMBER 10, 1925.

208,419. RAZOR BLADES AND SAFETY-RAZOR BLADES. OTTO ROTH, INC., Newark, N. J.

Filed February 12, 1925. Serial No. 209,499. PUBLISHED SEPTEMBER 1, 1925.

208,420. EVAPORATED MILK. AMBOY MILK PRODUCTS CO., Amboy, Ill.

Filed January 31, 1925. Serial No. 208,889. PUBLISHED NOVEMBER 10, 1925.

208,421. ELECTRIC CIGAR LIGHTERS. JOHN BIGELOW PATTEN, Fort Wayne, Ind.

Filed January 10, 1925. Serial No. 207,947. PUBLISHED SEPTEMBER 22, 1925.

208,422. ELECTRICAL HAIR CURLERS. PERMO-WAVER CORPORATION, Pittsburgh, Pa.

Filed November 5, 1924. Serial No. 204,864. PUBLISHED FEBRUARY 10, 1925.

208,423. RADIO RECEIVING SETS AND PARTS THEREFOR. EXPERIMENTER PUBLISHING COMPANY, New York, N. Y.
Filed July 26, 1924. Serial No. 200,550. PUBLISHED OCTOBER 6, 1925.

208,424. ELECTRIC FIXTURES—NAMELY, CHANDELIERS, WALL BRACKETS, TABLE LAMPS, LANTERNS, BOUDOIR LAMPS, FLOOR LAMPS, ELECTROLIERS, ILLUMINATORS, CEILING LIGHTS, PENDANT LIGHTS, SHOWER LIGHTS; DIRECT, INDIRECT, AND SEMIDIRECT LIGHTS; ARC LAMPS, AND FUSES; ELECTRIC BELLS, BATTERIES, SWITCHES, SOCKETS, PLUGS, FLASH LIGHTS; ELECTRIC TOASTERS, ELECTRIC GRILLS, ELECTRIC PERCOLATORS, AND ELECTRIC CURLING IRONS. INCANDESCENT SUPPLY COMPANY, New York, N. Y.
Filed July 5, 1924. Serial No. 199,623. PUBLISHED SEPTEMBER 15, 1925.

208,425. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS FOR MAKING THE SAME. BROADWAY BEVERAGE CORPORATION, Buffalo, N. Y.
Filed June 27, 1924. Serial No. 199,217. PUBLISHED SEPTEMBER 29, 1925.

208,426. CONDENSED MILK. HOOSIER CONDENSED MILK CO., Buffington, Ind.
Filed December 15, 1923. Serial No. 189,717. PUBLISHED SEPTEMBER 15, 1925.

208,427. FOOD PRODUCTS—NAMELY, CANNED FRUITS, CANNED VEGETABLES, CANNED FISH, TOMATO SAUCE, AND OLIVE OIL. SCARAMELLI & COMPANY, INC., doing business as Serto Packing Co., New York, N. Y.
Filed July 19, 1923. Serial No. 183,455. PUBLISHED NOVEMBER 10, 1925.

208,428. LOOSE, PACKED, AND CANNED MACARONI. A. ZUARO & SON, Brooklyn, N. Y.
Filed September 9, 1925. Serial No. 220,055. PUBLISHED NOVEMBER 10, 1925.

208,429. CANNED FRUITS, CANNED VEGETABLES, CANNED FISH, CANNED SIRUP FOR FOOD PURPOSES, RICE, SPICES, OATMEAL, FRUIT PRESERVES, VINEGAR, OLIVES, PEANUT BUTTER, TOMATO CATCHUP, CHILI SAUCE, PICKLES, ALIMENTARY PASTE PRODUCTS, CANNED SHRIMP, AND CANNED SAUERKRAUT. HENRY SOODSMA & COMPANY, Paterson, N. J.
Filed August 14, 1925. Serial No. 218,879. PUBLISHED NOVEMBER 10, 1925.

208,430. CHICKEN BREEDING STOCK, CHICKS, AND HATCHING EGGS. ALEX STEWART, Santa Cruz, Calif.
Filed August 11, 1925. Serial No. 218,723. PUBLISHED NOVEMBER 10, 1925.

208,431. PISTON RINGS. PACIFIC PISTON RING CO., Los Angeles, Calif.
Filed August 10, 1925. Serial No. 218,656. PUBLISHED NOVEMBER 10, 1925.

208,432. CANNED VEGETABLES. FEDERICO MENNELLA, New York, N. Y.
Filed July 29, 1925. Serial No. 218,075. PUBLISHED NOVEMBER 10, 1925.

208,433. HATS AND CAPS FOR MEN, WOMEN, AND CHILDREN. REGAL SPORT WEAR CO., Chicago, Ill.
Filed June 22, 1925. Serial No. 216,217. PUBLISHED SEPTEMBER 8, 1925.

208,434. TOMATO SAUCE. UNION FOOD PRODUCTS CO., doing business as Farmaiola Products Co., New York, N. Y.
Filed July 27, 1925. Serial No. 217,970. PUBLISHED NOVEMBER 10, 1925.

208,435. MEDICINAL PREPARATION USED AS A MOUTH AND THROAT WASH. JOHN E. McBRADY, doing business as J. E. McBrady & Company, Chicago, Ill.
Filed June 22, 1925. Serial No. 216,198. PUBLISHED SEPTEMBER 8, 1925.

208,436. PORTABLE FIRE EXTINGUISHERS. WELDON MANUFACTURING COMPANY, Grand Rapids, Mich.
Filed March 23, 1925. Serial No. 211,508. PUBLISHED NOVEMBER 10, 1925.

208,437. SILK PIECE GOODS. LOREN O. THOMPSON, doing business as L. O. Thompson Company, New York, N. Y.
Filed March 14, 1925. Serial No. 211,070. PUBLISHED OCTOBER 13, 1925.

208,438. SILK PIECE GOODS. LOREN O. THOMPSON, doing business as L. O. Thompson Company, New York, N. Y.
Filed March 14, 1925. Serial No. 211,069. PUBLISHED OCTOBER 13, 1925.

208,439. RODENTICIDES. THE BAYER COMPANY, INC., New York, N. Y.
Filed September 18, 1925. Serial No. 220,391. PUBLISHED NOVEMBER 10, 1925.

208,440. A MEDICINAL PREPARATION FOR THE TREATMENT OF POULTRY AFFECTED WITH ROUP, COLDS, CATARRH, DIPHTHERIA, AND OTHER DISEASES AND AS A PREVENTIVE OF CONTAGIOUS DISEASES. EDWIN F. LELAND, doing business as The Leland Remedy Co., Minneota, Minn.
Filed September 17, 1925. Serial No. 220,346. PUBLISHED NOVEMBER 10, 1925.

208,441. TOILET CREAM. LA VERNE BEAUTY PRODUCTS, Rochester, N. Y.
Filed September 17, 1925. Serial No. 220,345. PUBLISHED NOVEMBER 10, 1925.

208,442. COMPOUND FOR CLEANING AUTOMOBILE RADIATORS. INDUSTRIAL WATER TREATMENT CO., Newark, N. J.
Filed September 17, 1925. Serial No. 220,343. PUBLISHED NOVEMBER 10, 1925.

208,443. INSECTICIDE. AVRI DRUG & CHEMICAL COMPANY, Jersey City, N. J.
Filed September 17, 1925. Serial No. 220,333. PUBLISHED NOVEMBER 10, 1925.

208,444. BURIAL VAULT. ALBERT C. FRITZ, doing business as Crown Vault Company, Evergreen Park, Ill.
Filed September 15, 1925. Serial No. 220,287. PUBLISHED NOVEMBER 10, 1925.

208,445. WHEAT FLOUR. GEORGE W. ZIEBOLD, doing business as Waterloo Milling Company, Waterloo, Ill.
Filed September 14, 1925. Serial No. 220,269. PUBLISHED NOVEMBER 10, 1925.

208,446. MEDICINAL PREPARATION USED FOR THE TREATMENT OF COUGHS, ASTHMA, BRONCHITIS, WHOOPING COUGH, AND BRONCHIAL CATARRH. TILLY'S LABORATORY, Newark, N. J.
Filed September 14, 1925. Serial No. 220,261. PUBLISHED NOVEMBER 10, 1925.

208,447. MEDICINAL PREPARATION FOR THE TREATMENT OF SYPHILIS AND KINDRED DISEASES. VIRGINIA STOREY, doing business as Craig Chemical Company, Joplin, Mo.
Filed September 14, 1925. Serial No. 220,258. PUBLISHED NOVEMBER 10, 1925.

208,448. CHEMICALS USED IN THE VULCANIZATION OF RUBBER, COMMONLY KNOWN AS RUBBER ACCELERATORS. THE ROESSLER & HASSLACHER CHEMICAL COMPANY, New York, N. Y.
Filed September 14, 1925. Serial No. 220,254. PUBLISHED NOVEMBER 10, 1925.

208,449. SOLDERING FLUXES. THE GRASSELLI CHEMICAL COMPANY, Cleveland, Ohio.
Filed September 14, 1925. Serial No. 220,227. PUBLISHED NOVEMBER 10, 1925.

208,450. DEODORANT AND PREVENTIVE OF PERSPIRATION. EFFIE M. DAVIS, Syracuse, N. Y.
Filed September 12, 1925. Serial No. 220,181. PUBLISHED NOVEMBER 10, 1925.

208,451. CIGARS. BAYUK CIGARS INCORPORATED, Philadelphia, Pa.
Filed September 12, 1925. Serial No. 220,172. PUBLISHED NOVEMBER 10, 1925.

208,452. FACE CREAM. PURITY COSMETIC CO., Bemidji, Minn.
Filed September 10, 1925. Serial No. 220,137. PUBLISHED NOVEMBER 10, 1925.

208,453. MINIATURE RAILROADS. AMERICAN FLYER MFG. CO., Chicago, Ill.
Filed September 11, 1925. Serial No. 220,102. PUBLISHED NOVEMBER 10, 1925.

208,454. DANDRUFF REMEDY. AGATHA SCOWEN, doing business as Nest-O-lene Company, New York, N. Y.
Filed September 10, 1925. Serial No. 220,090. PUBLISHED NOVEMBER 10, 1925.

208,455. PERFUMES, VISCOUS, LIQUID, AND GASEOUS; ARTICLES OF PERFUMERY, FACIAL AND HAIR LOTIONS, AND BEAUTY, TOILET, SKIN, AND NAIL PREPARATIONS. UNION FRANCAISE DE PARFUMERIE ET DE MAROQUINERIE, Nice, France.
Filed September 9, 1925. Serial No. 220,049. PUBLISHED NOVEMBER 10, 1925.

208,456. PERFUMES, VISCOUS, LIQUID, AND GASEOUS; ARTICLES OF PERFUMERY, FACIAL AND HAIR LOTIONS, AND BEAUTY, TOILET, SKIN, AND NAIL PREPARATIONS. UNION FRANCAISE DE PARFUMERIE ET DE MAROQUINERIE, Nice, France.
Filed September 9, 1925. Serial No. 220,048. PUBLISHED NOVEMBER 10, 1925.

208,457. COUGH EXPECTORANT. FOSTER LABORATORY, Newark, N. J.
Filed September 2, 1925. Serial No. 219,663. PUBLISHED NOVEMBER 10, 1925.

208,458. MECHANICAL TOYS. HUBER-SWEET MFG. CO., Highland Park, Ill.
Filed August 27, 1925. Serial No. 219,432. PUBLISHED NOVEMBER 10, 1925.

208,459. VINEGAR. RED STAR YEAST AND PRODUCTS COMPANY, doing business as Milwaukee Vinegar Co., Milwaukee, Wis.
Filed September 26, 1925. Serial No. 220,873. PUBLISHED NOVEMBER 17, 1925.

208,460. OLIVE OIL. B. FILIPPONE & CO., Passaic, N. J.
Filed September 9, 1925. Serial No. 220,020. PUBLISHED NOVEMBER 17, 1925.

208,461. DISPLAY OR SHOW CASE FOR MERCHANDISE. E. C. ESSINGER, Chicago, Ill.
Filed September 1, 1925. Serial No. 219,620. PUBLISHED NOVEMBER 17, 1925.

208,462. FARM PRODUCTS—NAMELY, FRESH APPLES; POULTRY—NAMELY, SINGLE-COMB WHITE LEGHORN BREEDING STOCK AND LIVE BROILERS; EGGS FOR TABLE USE; HATCHING EGGS—NAMELY, SINGLE-COMB WHITE LEGHORN HATCHING EGGS; BABY CHICKS—NAMELY, SINGLE-COMB WHITE LEGHORN BABY CHICKS; AND VINEGAR. WM. M. E. WHITLOCK, Marlboro, Mass.
Filed August 17, 1925. Serial No. 219,018. PUBLISHED NOVEMBER 17, 1925.

208,463. COFFEE. ALTON MERCANTILE COMPANY, Enid, Okla.
Filed August 12, 1925. Serial No. 218,726. PUBLISHED NOVEMBER 17, 1925.

208,464. SPICE. JOSEPH BURNETT COMPANY, Boston, Mass.
Filed August 8, 1925. Under section 5[b] of the act of 1905 as amended in 1920. Serial No. 218,536. PUBLISHED NOVEMBER 17, 1925.

208,465. HAMS, BACON, DRIED BEEF; FRESH MEATS—NAMELY, DRESSED BEEF, MUTTON, PORK, VEAL, AND LAMB; LARD, DRESSED POULTRY, BUTTER, AND EGGS. WILLIAM A. DONNELLY, Philadelphia, Pa.
Filed July 30, 1925. Serial No. 218,107. PUBLISHED NOVEMBER 17, 1925.

208,466. COFFEE, FLAVORING EXTRACTS FOR FOODS, AND SPICES. THE WILLIAM BOARDMAN & SONS, CO., Hartford, Conn.
Filed July 29, 1925. Serial No. 218,047. PUBLISHED NOVEMBER 17, 1925.

208,467. OLIVE OILS. CARBONELL & Y CIA., Cordoba, Spain.
Filed July 10, 1925. Serial No. 217,132. PUBLISHED NOVEMBER 17, 1925.

208,468. MATTRESSES AND PILLOWS. LOUISVILLE BEDDING COMPANY, Louisville, Ky.
Filed July 3, 1925. Serial No. 216,841. PUBLISHED NOVEMBER 17, 1925.

208,469. EXERCISING APPARATUS COMPRISING A FLOOR BOARD ON WHICH THE USER STANDS AND TO WHICH EXERCISING DEVICES ARE ATTACHED. LEO. FRANKENFELD, Hoboken, N. J.
Filed June 2, 1925. Serial No. 215,204. PUBLISHED NOVEMBER 17, 1925.

208,470. FRESH CITROUS FRUITS—NAMELY, FRESH ORANGES, LEMONS, AND GRAPEFRUIT. FOOTHILL GROVES, Yorba Linda, Calif.
Filed April 18, 1925. Serial No. 212,909. PUBLISHED NOVEMBER 17, 1925.

208,471. COFFEE. LEXINGTON COFFEE COMPANY, Lexington, Ky.
Filed March 17, 1925. Serial No. 211,171. PUBLISHED NOVEMBER 17, 1925.

208,472. MONTHLY MAGAZINE. ATHLETE AND SPORTSMAN COMPANY, INC., Columbus, Ohio.
Filed October 13, 1924. Serial No. 203,781. PUBLISHED DECEMBER 30, 1924.

208,473. FORD TRANSMISSION LINING. ATLAS ASBESTOS COMPANY, North Wales, Pa.
Filed August 13, 1924. Serial No. 201,319. PUBLISHED NOVEMBER 17, 1925.

208,474. CIGARETTES. MILTIADES MELACHRINO, INC., New York, N. Y.
Filed September 18, 1925. Serial No. 220,418. PUBLISHED NOVEMBER 10, 1925.

208,475. PERFUMES, TOILET WATER, FACE POWDER, DUSTING POWDER, TALCUM POWDER, LOTION FOR THE HAIR AND SKIN, EAU DE VEGETAL, BRILLIANTINE, BANDOLINE, FACE CREAMS, ROUGE, LIP STICKS, BATH SALTS, SACHET, AND COMPACTS. CHERAMY, INC., New York, N. Y.
Filed September 19, 1925. Serial No. 220,445. PUBLISHED NOVEMBER 10, 1925.

208,476. COMPOSITION TO ASSIST IN DYEING OPERATIONS. SEYMOUR M. HERMANN, New York, N. Y.
Filed September 19, 1925. Serial No. 220,456. PUBLISHED NOVEMBER 10, 1925.

208,477. SPECTACLES AND GOGGLES. THE SAFETY EQUIPMENT SERVICE COMPANY, Cleveland, Ohio.
Filed September 19, 1925. Serial No. 220,476. PUBLISHED NOVEMBER 10, 1925.

208,478. SPECTACLES AND GOGGLES. THE SAFETY EQUIPMENT SERVICE COMPANY, Cleveland, Ohio.
Filed September 19, 1925. Serial No. 220,477. PUBLISHED NOVEMBER 10, 1925.

208,479. CHEWING GUM FOR THE RELIEF OF ACID OR SOUR STOMACH. BI-CAR-GUM CO., INC., New York, N. Y.
Filed September 21, 1925. Serial No. 220,491. PUBLISHED NOVEMBER 10, 1925.

208,480. COUGH SIRUPS. ANDREW PAUL HOUTMANN, doing business as Millville Pharmacy and Houtmann Bros., Woonsocket, R. I.
Filed September 21, 1925. Serial No. 220,535. PUBLISHED NOVEMBER 10, 1925.

208,481. TABLE BOARD GAME PLAYED WITH PIECES. PIERRE RÉGNIER, Moulangis par Crecy-en-Brie, France.
Filed July 24, 1925. Serial No. 217,834. PUBLISHED NOVEMBER 10, 1925.

208,482. CHEESE OF ALL VARIETIES. GOLDEN STATE MILK PRODUCTS COMPANY, San Francisco, Calif.
Filed August 1, 1925. Serial No. 218,255. PUBLISHED NOVEMBER 10, 1925.

208,483. MALTLESS, NONALCOHOLIC BEVERAGE. ARTEMAS W. DEANE, Los Angeles, Calif.
Filed August 5, 1925. Serial No. 218,394. PUBLISHED NOVEMBER 10, 1925.

208,484. TOOTHBRUSHES. RHODES BROS. INCORPORATED, Tacoma, Wash.
Filed August 5, 1925. Serial No. 218,429. PUBLISHED NOVEMBER 10, 1925.

208,485 CHILDREN'S WHEELED PLAY VEHICLES. ELMER C. VON GLAHN, Corcoran, Calif.
Filed August 25, 1925. Serial No. 219,359. PUBLISHED NOVEMBER 10, 1925.

208,486. PREPARATION FOR THE RELIEF OF PAIN. NOVA SAL LABORATORIES INC., Brooklyn, N. Y.
Filed August 14, 1925. Serial No. 218,869. PUBLISHED NOVEMBER 10, 1925.

208,487. PISTON RINGS. PACIFIC PISTON RING CO., Los Angeles, Calif.
Filed August 10, 1925. Serial No. 218,655. PUBLISHED NOVEMBER 10, 1925.

208,488. OINTMENT FOR SKIN DISEASES. M. A. SCARBOROUGH, doing business as Red Horse Mfg. Co., Clarksville, Ark.
Filed August 19, 1925. Serial No. 219,090. PUBLISHED NOVEMBER 10, 1925.

208,489. MALT EXTRACTS AND MALT AND HOP EXTRACTS. G. & E. TRADING CORP., New York, N. Y.
Filed August 26, 1925. Serial No. 219,390. PUBLISHED NOVEMBER 10, 1925.

208,490. MALT EXTRACTS AND MALT AND HOP EXTRACTS. AARON GOLDSTEIN, doing business as American Specialty Co., New York, N. Y.
Filed August 26, 1925. Serial No. 219,392. PUBLISHED NOVEMBER 10, 1925.

208,491. MALT BEVERAGE, NONALCOHOLIC. THE GLOBE BOTTLING & SALES COMPANY, Baltimore, Md.
Filed August 27, 1925. Serial No. 219,422. PUBLISHED NOVEMBER 10, 1925.

208,492. PYROMETERS. TAYLOR INSTRUMENT COMPANIES, Rochester, N. Y.
Filed September 29, 1925. Serial No. 220,979. PUBLISHED NOVEMBER 10, 1925.

208,493. DEODORANT CREAM. WITZELL BROS., Baltimore, Md.
Filed September 29, 1925. Serial No. 220,985. PUBLISHED NOVEMBER 10, 1925.

208,494. ROUGES AND FACE POWDERS. L. T. PIVER, INC., Wilmington, Del., and New York, N. Y.
Filed September 18, 1925. Serial No. 220,420. PUBLISHED NOVEMBER 10, 1925.

208,495. LAXATIVE MEDICINE. NOVA SAL LABORATORIES INC., Brooklyn, N.Y.
Filed June 19, 1925. Serial No. 216,071. PUBLISHED NOVEMBER 10, 1925.

208,496. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS AND EXTRACTS FOR MAKING THE SAME. GRAY MANUFACTURING COMPANY, Spokane, Wash.
Filed June 22, 1925. Serial No. 216,175. PUBLISHED NOVEMBER 10, 1925.

208,497. ATOMIZERS AND CERTAIN RUBBER SUNDRIES. THE SEAMLESS RUBBER COMPANY, INC., New Haven, Conn.
Filed June 22, 1925. Serial No. 216,227. PUBLISHED NOVEMBER 10, 1925.

208,498. PREPARATION ADMINISTERED IN AMPUL FORM FOR THE TREATMENT OF ARTERIOSCLEROSIS. MARIUS FRAISSE AND CO., doing business as Laboratoires Fraisse, Paris, France, assignor to Fraisse Laboratories, Inc., a Corporation of New York.
Filed July 8, 1925. Serial No. 217,017. PUBLISHED NOVEMBER 10, 1925.

208,499. PREPARATION FOR THE TREATMENT OF SYPHILIS TO BE ADMINISTERED INTERNALLY. MARIUS FRAISSE AND CO., doing business as Laboratoires Fraisse, Paris, France, assignor to Fraisse Laboratories, Inc., a Corporation of New York.
Filed July 8, 1925. Serial No. 217,018. PUBLISHED NOVEMBER 10, 1925.

208,500. PREPARATION IN AMPUL FORM FOR NEURASTHENIA. MARIUS FRAISSE AND CO., doing business as Laboratoires Fraisse, Paris, France, assignor to Fraisse Laboratories, Inc., a Corporation of New York.
Filed July 8, 1925. Serial No. 217,019. PUBLISHED NOVEMBER 10, 1925.

208,501. PREPARATION ADMINISTERED IN AMPUL FORM FOR THE TREATMENT OF ANÆMIA. MARIUS FRAISSE AND CO., doing business as Laboratoires Fraisse, Paris, France, assignor to Fraisse Laboratories, Inc., a Corporation of New York.
Filed July 8, 1925. Serial No. 217,020. PUBLISHED NOVEMBER 10, 1925.

208,502. APPARATUS FOR ADMINISTERING MEDICINAL PREPARATIONS TO PERSONS. HUBERT A. MYERS, doing business as The Hubert A. Myers Laboratories, Toledo, Ohio.
Filed July 15, 1925. Serial No. 217,411. PUBLISHED OCTOBER 13, 1925.

208,503. PATENT LEATHER. SNYDER-WELCH-PROCESS CORPORATION, Boston, Mass.
Filed July 22, 1925. Serial No. 217,740. PUBLISHED OCTOBER 20, 1925.

208,504. PERFUMES. DANIEL JAQUET, Neuilly-Sur-Seine, France.
Filed September 29, 1925. Serial No. 220,953. PUBLISHED NOVEMBER 10, 1925.

208,505. PERFUMES. DANIEL JAQUET, Neuilly-Sur-Seine, France.
Filed September 29, 1925. Serial No. 220,954. PUBLISHED NOVEMBER 10, 1925.

208,506. PERFUMES. DANIEL JAQUET, Neuilly-Sur-Seine, France.
Filed September 29, 1925. Serial No. 220,955. PUBLISHED NOVEMBER 10, 1925.

208,507. OPHTHALMIC LENSES. NEW ERA OPTICAL CO., Chicago, Ill.
Filed September 21, 1925. Serial No. 220,564. PUBLISHED NOVEMBER 10, 1925.

208,508. OINTMENT FOR SKIN DISEASES. WM. B. PORTER, doing business as The Ungol Company, McKeesport, Pa.
Filed September 21, 1925. Serial No. 220,571. PUBLISHED NOVEMBER 10, 1925.

208,509. BATH SALTS. FLORENCE N. LEWIS, doing business as Elizabeth Arden, New York, N. Y.
Filed September 23, 1925. Serial No. 220,661. PUBLISHED NOVEMBER 10, 1925.

208,510. SALVES AND OINTMENTS FOR THE TREATMENT OF BURNS. THEODORE SOUGELAS & CO., New York, N. Y.
Filed September 23, 1925. Serial No. 220,687. PUBLISHED NOVEMBER 10, 1925.

208,511. GUM COATING FOR DENTURES. DRESCH LABORATORIES CO., Toledo, Ohio.
Filed September 26, 1925. Serial No. 220,877. PUBLISHED NOVEMBER 10, 1925.

208,512. OINTMENT FOR THE TREATMENT OF SKIN DISEASES, PSORIASIS, PILES, AND BURNS. N. DIAMOND, Wildwood Crest, N. J.
Filed September 29, 1925. Serial No. 220,941. PUBLISHED NOVEMBER 10, 1925.

208,513. LINIMENT. HOWARD F. FISH, Westville, N. J.
Filed September 29, 1925. Serial No. 220,945. PUBLISHED NOVEMBER 10, 1925.

208,514. PERFUMES. DANIEL JAQUET, Neuilly-Sur-Seine, France.
Filed September 29, 1925. Serial No. 220,952. PUBLISHED NOVEMBER 10, 1925.

208,515. CIGARS, CIGARETTES, SMOKING TOBACCO, AND CIGARETTES MADE FROM CIGAR TOBACCO. VICTOR TALKING MACHINE COMPANY, Camden, N. J.
Filed October 14, 1925. Serial No. 221,726. PUBLISHED NOVEMBER 17, 1925.

208,516. ADZES. THE WARREN TOOL AND FORGE CO., Warren, Ohio.
Filed October 7, 1925. Serial No. 221,394. PUBLISHED NOVEMBER 17, 1925.

208,517. LITHIA WATER. RICHARD DABNEY THACKSTON, doing business as Farmville Lithia Springs Company, Farmville, Va.
Filed October 7, 1925. Serial No. 221,391. PUBLISHED NOVEMBER 17, 1925.

208,518. NONALCOHOLIC BEVERAGES — NAMELY, AN ORANGE DRINK. THE EXCHANGE ORANGE PRODUCTS COMPANY, San Dimas, Calif.
Filed October 3, 1925. Serial No. 221,174. PUBLISHED NOVEMBER 17, 1925.

208,519. DOLLS. E. I. HORSMAN CO. INC., New York, N. Y.
Filed September 30, 1925. Serial No. 221,014. PUBLISHED NOVEMBER 17, 1925.

208,520. ROCK CRUSHERS, ELEVATORS, CONVEYERS, SCREENS, GRADERS, DRAGS, ROLLERS, AND SNOWPLOWS. THE GOOD ROADS MACHINERY COMPANY, INC., Kennett Square, Pa.
Filed September 30, 1925. Serial No. 221,006. PUBLISHED NOVEMBER 17, 1925.

208,521. LININGS FOR TUBE MILLS. F. L. SMIDTH & Co., New York, N. Y.
Filed September 29, 1925. Serial No. 220,976. PUBLISHED NOVEMBER 17, 1925.

208,522. PERFUMES. DANIEL JAQUET, Neuilly-Sur-Seine, France.
Filed September 29, 1925. Serial No. 220,956. PUBLISHED NOVEMBER 10, 1925.

208,523. AUTO TRUCK APPARATUS—NAMELY, ASH AND GARBAGE COLLECTING MACHINES AND CATCH-BASIN-CLEANING MACHINES. AUTO TRUCK INDUSTRIAL APPLIANCES, INC., New York, N. Y.
Filed September 28, 1925. Serial No. 220,881. PUBLISHED NOVEMBER 17, 1925.

208,524. ROAD-GRADING MACHINES. STOCKLAND ROAD MACHINERY CO., Minneapolis, Minn.
Filed September 24, 1925. Serial No. 220,745. PUBLISHED NOVEMBER 17, 1925.

208,525. ROAD-GRADING MACHINES. STOCKLAND ROAD MACHINERY CO., Minneapolis, Minn.
Filed September 24, 1925. Serial No. 220,744. PUBLISHED NOVEMBER 17, 1925.

208,526. DOLLS. ALBERT BRUCKNER'S SONS, Jersey City, N. J.
Filed September 24, 1925. Serial No. 220,700. PUBLISHED NOVEMBER 17, 1925.

208,527. TRANSMISSION BANDS FOR AUTOMOBILES. THE RUSSELL MANUFACTURING COMPANY, Middletown, Conn.
Filed September 21, 1925. Serial No. 220,576. PUBLISHED NOVEMBER 17, 1925.

208,528. PERFUMES, VISCOUS, LIQUID, AND GASEOUS; ARTICLES OF PERFUMERY, FACIAL AND HAIR LOTIONS, AND BEAUTY, TOILET, SKIN, AND NAIL PREPARATIONS. UNION FRANCAISE DE PARFUMERIE ET DE MAROQUINERIE, Nice, France.
Filed September 9, 1925. Serial No. 220,052. PUBLISHED NOVEMBER 10, 1925.

208,529. PERFUMES, VISCOUS, LIQUID, AND GASEOUS; ARTICLES OF PERFUMERY, FACIAL AND HAIR LOTIONS, AND BEAUTY, TOILET, SKIN, AND NAIL PREPARATIONS. UNION FRANCAISE DE PARFUMERIE ET DE MAROQUINERIE, Nice, France.
Filed September 9, 1925. Serial No. 220,051. PUBLISHED NOVEMBER 10, 1925.

208,530. PERFUMES, VISCOUS, LIQUID, AND GASEOUS; ARTICLES OF PERFUMERY, FACIAL AND HAIR LOTIONS, AND BEAUTY, TOILET, SKIN, AND NAIL PREPARATIONS. UNION FRANCAISE DE PARFUMERIE ET DE MAROQUINERIE, Nice, France.
Filed September 9, 1925. Serial No. 220,050. PUBLISHED NOVEMBER 10, 1925.

208,531. NET GAME SIMILAR TO TENNIS. CLEVE T. SHAFFER, doing business as Dek Co., San Francisco, Calif.
Filed September 9, 1925. Serial No. 220,039. PUBLISHED NOVEMBER 17, 1925.

208,532. ADHESIVE PLASTERS. JOHNSON & JOHNSON, New Brunswick, N. J.
Filed September 9, 1925. Serial No. 220,027. PUBLISHED NOVEMBER 10, 1925.

208,533. LAXATIVE AND CATHARTIC FOR THE TREATMENT OF LIVER, INTESTINAL, AND STOMACH DISORDERS, SEASICKNESS, ACIDOSIS, AND HELPING TO MAINTAIN THE NORMAL ALKALINITY OF THE BLOOD, GOUT, RHEUMATISM, AND CONSTIPATION, HIGH BLOOD PRESSURE, AND OBESITY. ISAAC EDWARD EMERSON, Baltimore, Md.
Filed September 9, 1925. Serial No. 220,019. PUBLISHED NOVEMBER 10, 1925.

208,534. CHEWING GUM. THE SHELBY GUM CO., Shelby, Ohio.
Filed July 14, 1925. Serial No. 217,367. PUBLISHED NOVEMBER 17, 1925.

208,535. HAIR POMADE. ARTURO TAMEZ, San Antonio, Tex.
Filed July 13, 1925. Serial No. 217,306. PUBLISHED NOVEMBER 10, 1925.

208,536. MACHINES FOR MEASURING FINE AGGREGATES FOR CONCRETE. BLAW-KNOX COMPANY, Blawnox, Pa.
Filed July 11, 1925. Serial No. 217,202. PUBLISHED NOVEMBER 10, 1925.

208,537. FRESH VEGETABLES. A. E. BARKER & CO. OF CALIF., Los Angeles, Calif.
Filed July 9, 1925. Serial No. 217,062. PUBLISHED NOVEMBER 17, 1925.

208,538. LINIMENT FOR TREATMENT OF THE FOLLOWING DISEASES, RHEUMATIC AILMENTS, RHEUMATISM, NEURITIS, LUMBAGO, SCIATICA, GOUT, TOOTHACHE, CHILBLAINS, INSECT BITES, TONSILLITIS, SORE THROAT, COLITIS, SPRAINS, AND NEURALGIA. BELTONA, LIMITED, Hoddesdon, England.
Filed July 2, 1925. Serial No. 216,765. PUBLISHED NOVEMBER 10, 1925.

208,539. ANTISEPTIC AND PROPHYLACTIC FOR TREATMENT OF LEUCORRHEA, VAGINAL OR UTERINE CATARRH, ULCERATIONS, AND DISEASES OF THE FEMALE ORGANS. JOSEPH F. HREJSA, doing business as Germoform Chemical Co. Not Inc., Chicago, Ill.
Filed June 27, 1925. Serial No. 216,538. PUBLISHED NOVEMBER 10, 1925.

208,540. ANTISEPTIC AND PROPHYLACTIC FOR TREATMENT OF LEUCORRHEA, VAGINAL OR UTERINE CATARRH, ULCERATIONS, AND DISEASES OF THE FEMALE ORGANS. JOSEPH F. HREJSA, doing business as Germoform Chemical Co. Not Inc., Chicago, Ill.
Filed June 27, 1925. Serial No. 216,537. PUBLISHED NOVEMBER 10, 1925.

208,541. POPPET VALVES FOR INTERNAL-COMBUSTION ENGINES. RICH TOOL COMPANY, Chicago, Ill.
Filed March 23, 1925. Serial No. 211,492. PUBLISHED NOVEMBER 10, 1925.

208,542. ADHESIVE LEATHER CEMENT AND ADHESIVE RUBBER CEMENT. FRIED-LANG LEATHER CO., INC., New York, N. Y.
Filed May 23, 1925. Serial No. 214,790. PUBLISHED SEPTEMBER 8, 1925.

208,543. BAND-TYING TOOLS AND WEIGHTS FOR TEXTILE MACHINES. COOK-TAYLOR CO., INC., Fall River, Mass.
Filed May 21, 1925. Serial No. 214,648. PUBLISHED NOVEMBER 17, 1925.

208,544. MACHINES FOR PROJECTING PICTURES. TRIPLEX MANUFACTURING CORPORATION, Montpelier, Ind.
Filed May 4, 1925. Serial No. 213,815. PUBLISHED NOVEMBER 10, 1925.

208,545. CANDY BARS. F. A. MARTOCCIO COMPANY, Minneapolis, Minn.
Filed April 29, 1925. Serial No. 213,517. PUBLISHED NOVEMBER 17, 1925.

208,546. COATED PAPER IN VARIOUS SHADES ON VARIOUS-COLORED BACKINGS WITH A HIGH WATERPROOF FINISH MADE BY A SPECIAL PROCESS WITH A HIGH LUSTROUS FINISH. NATIONAL COATED PAPER CORPORATION, Pawtucket, R. I.
Filed April 4, 1925. Serial No. 212,194. PUBLISHED SEPTEMBER 15, 1925.

208,547. CANNED FRUITS AND VEGETABLES, OLIVES, AND COFFEE. THE CHANDLER AND RUDD COMPANY, Cleveland, Ohio.
Filed April 24, 1920. Serial No. 131,566. PUBLISHED MARCH 24, 1925.

208,548. INNER TUBES FOR TIRES. WILLIAM RALPH CALHOUN, doing business as Red Chief Rubber Company, Fort Worth, Tex.
Filed December 19, 1924. Serial No. 206,939. PUBLISHED NOVEMBER 17, 1925.

208,549. PREPARATION FOR EXTERNAL APPLICATION IN RELIEVING FATIGUE AND SORENESS AND FOR USE IN BATHING. SOUTHERN LABORATORIES, INC., West Point, Va.
Filed October 16, 1924. Serial No. 203,981. PUBLISHED NOVEMBER 10, 1925.

208,550. MEDICINAL PLASTER FOR THE TREATMENT OF WOUNDS, SORES, AND LIKE CONDITIONS. JOSEFA PIETRA SANTA GRISI, Mexico, Mexico.
Filed October 2, 1924. Serial No. 203,332. PUBLISHED NOVEMBER 10, 1925.

208,551. SELF-ERASING MEMORANDUM PADS. NATIONAL CARBOSCOPE CO., INC., San Francisco, Calif.
Filed February 13, 1924. Serial No. 192,218. PUBLISHED OCTOBER 20, 1925.

208,552. BATH PREPARATION OF GREEN PINE NEEDLES FOR APPLICATION IN THE FOLLOWING INSTANCES: PHYSICAL AND MENTAL OVERWORK; NEURASTHENIA ASSIMILATION DISEASES, SUCH AS GOUT, RHEUMATISM, AND HEART DISEASES; AND ALSO AS AN ESSENCE FOR USE IN COSMETICS AND PERFUMERY. WOLO A.-G., (WOLO LTD.), Zurich, Switzerland.
Filed March 12, 1925. Serial No. 210,944. PUBLISHED NOVEMBER 10, 1925.

208,553. TOOTH PASTE. L. AND G. LENGYEL, Brooklyn, N. Y.
Filed February 7, 1925. Serial No. 209,227. PUBLISHED AUGUST 25, 1925.

208,554. FABRIC GLOVES. WIMELBACHER & RICE, New York, N. Y.
Filed July 18, 1925. Serial No. 217,594. PUBLISHED NOVEMBER 10, 1925.

208,555. THERMOSTATIC DEVICE FOR CONTROLLING THE TEMPERATURE AND PRESSURE OF STEAM AND HOT-WATER BOILERS. THE HONEYWELL HEATING SPECIALTIES CO., Wabash, Ind.
Filed July 25, 1925. Serial No. 217,879. PUBLISHED NOVEMBER 10, 1925.

208,556. DIESTOCKS. THE OSTER MANUFACTURING COMPANY, Cleveland, Ohio.
Filed July 28, 1925. Serial No. 218,017. PUBLISHED NOVEMBER 17, 1925.

208,557. MEN'S WORK AND DRESS TROUSERS AND PANTS; MEN'S AND BOYS' DRESS, NEGLIGEE, AND WORK SHIRTS; MEN'S AND BOYS' SHEEP-SKIN, SHEEP-LINED AND TEXTILE VESTS AND COATS; SWEATERS, HOSIERY, OVERALLS, OVERALL JACKETS, OVERALL UNION SUITS, BOYS' KNEE PANTS, SHIRT WAISTS, AND UNDERWEAR OF KNITTED AND TEXTILE FABRICS. JACOBSON BROTHERS, doing business as Pittsburgh Trouser Company, Pittsburgh, Pa.
Filed July 28, 1925. Serial No. 218,020. PUBLISHED OCTOBER 20, 1925.

208,558. PRINTED CRAFT PAPER. CENTRAL STATES PAPER DISTRIBUTING CO., St. Louis, Mo.
Filed July 29, 1925. Serial No. 218,050. PUBLISHED OCTOBER 20, 1925.

208,559. LOCOMOTIVE BEDS, CRADLES, ASH PANS, END SILLS, PILOT BEAMS, PILOTS, PILOT RACKS AND BRACKETS, BUFFER POCKETS, BOILER SADDLES, DRIVING-WHEEL CENTERS, TRUCKS, AND TRUCK PARTS, SUCH AS FRAMES, PEDESTALS, SPRING SEATS, AND CAPS. COMMONWEALTH STEEL COMPANY, St. Louis, Mo.
Filed July 29, 1925. Serial No. 218,052. PUBLISHED NOVEMBER 17, 1925.

208,560. COFFEE. SWANSON BROTHERS, Chicago, Ill.
Filed August 3, 1925. Serial No. 218,342. PUBLISHED NOVEMBER 17, 1925.

208,561. FRESH LETTUCE, ASPARAGUS, AND CANTALOUPES. LEE STEVENS AND PEARSON BROS., El Centro, Calif.
Filed August 5, 1925. Serial No. 218,435. PUBLISHED NOVEMBER 17, 1925.

208,562. FRESH GRAPES, FRESH CHERRIES, AND FRESH PLUMS. J. C. DOHERTY, Acampo, Calif.
Filed August 8, 1925. Serial No. 218,542. PUBLISHED NOVEMBER 17, 1925.

208,563. DRILL CHUCKS. THE OBERLIN MANUFACTURING COMPANY, Oberlin, Ohio.
Filed August 11, 1925. Serial No. 218,716. PUBLISHED NOVEMBER 10, 1925.

208,564. LENS-MEASURING GAUGES. FEDERAL PRODUCTS CORPORATION, Providence, R. I.
Filed August 13, 1925. Serial No. 218,805. PUBLISHED NOVEMBER 10, 1925.

208,565. CANDY. POTTER CONFECTIONERY CO., Cambridge, Mass.
Filed August 20, 1925. Serial No. 219,139. PUBLISHED NOVEMBER 17, 1925.

208,566. PACIFIERS. JULIUS SCHMID, INC., New York, N. Y.
Filed August 20, 1925. Serial No. 219,145. PUBLISHED NOVEMBER 10, 1925.

208,567. LEATHER SHOES. CHARLES A. MORIN, Boston, Mass.
Filed August 24, 1925. Serial No. 219,295. PUBLISHED NOVEMBER 10, 1925.

208,568. HADDOCK FILLETS, TOASTED FILLETS, FULTON FILLETS, COD FILLETS, SOLE FILLETS, FINNAN HADDIE, SALT CODFISH, SALT HADDOCK, FISH FLAKES, AND TOASTED FISH FLAKES IN BULK, WRAPPED, CANNED, AND PUT UP IN GLASS JARS; CLAM CHOWDER (CANNED) AND CLAMS (FRESH AND CANNED). BAY STATE FISHING COMPANY, Boston, Mass.
Filed August 25, 1925. Serial No. 219,321. PUBLISHED NOVEMBER 17, 1925.

208,569. HAIR TONICS. ROYAL FLUSH CHEMICAL CO., Ilion, N. Y.
Filed August 25, 1925. Serial No. 219,351. PUBLISHED NOVEMBER 10, 1925.

208,570. COFFEE. J. ARON & COMPANY, INC., New York, N. Y.
Filed August 29, 1925. Serial No. 219,518. PUBLISHED NOVEMBER 17, 1925.

208,571. HAIRDRESSING, HAIR POMADE, AND SCALP TREATMENT. MURRAY'S SUPERIOR PRODUCTS CO., Chicago, Ill.
Filed August 29, 1925. Serial No. 219,549. PUBLISHED NOVEMBER 10, 1925.

208,572. LADIES' HOUSE OR DUST CAPS. LOUIS W. DURSING, doing business as The Tydee Company, Dumont, N. J.
Filed September 3, 1925. Serial No. 219,731. PUBLISHED NOVEMBER 10, 1925.

208,573. MEDICATED CHEWING GUM. EARLE S. STRONG, doing business as Marlebe Mfg. Co., Buffalo, N. Y.
Filed July 14, 1925. Serial No. 217,371. PUBLISHED NOVEMBER 10, 1925.

208,574. FOOTBALLS. THOS. E. WILSON & CO., Chicago, Ill.
Filed August 19, 1925. Serial No. 219,099. PUBLISHED NOVEMBER 17, 1925.

208,575. BASKET BALLS. THOS. E. WILSON & CO., Chicago, Ill.
Filed August 19, 1925. Serial No. 219,098. PUBLISHED NOVEMBER 17, 1925.

208,576. DRESSES FOR JUNIORS, MISSES, AND WOMEN. WHOLESALE APPAREL CORPORATION, New York, N. Y.
Filed August 19, 1925. Serial No. 219,096. PUBLISHED NOVEMBER 3, 1925.

208,577. WATERPROOF OILED SILK GARMENTS—NAMELY, RAINCOATS. TEXTILE PRODUCTS LTD., Memphis, Tenn.
Filed July 28, 1925. Serial No. 218,028. PUBLISHED NOVEMBER 3, 1925.

208,578. CANNED SHRIMP AND CANNED OYSTERS. C. B. FOSTER PACKING CO., INC., Biloxi, Miss.
Filed July 28, 1925. Serial No. 218,003. PUBLISHED NOVEMBER 17, 1925.

208,579. CANES AND UMBRELLAS. BEST & CO., INC., New York, N. Y.
Filed July 2, 1925. Serial No. 216,767. PUBLISHED NOVEMBER 3, 1925.

208,580. CHAIRS, SETTEES, COUCHES, SEATS, OTTOMANS, SIDEBOARDS, CABINETS, TABLES, BEDSTEADS, MATTRESSES, BEDS, WARDROBES, DRESSING TABLES, WASH-HAND STANDS, PEDESTALS, SET OF DRAWERS, DRESSERS, WRITING DESKS, STOOLS, FOOTSTOOLS, CUPBOARDS, WHATNOTS, BOOKCASES, HASSOCKS, AND TOWEL HORSES. THE BUOYANT UPHOLSTERY COMPANY LIMITED, Sandiacre, England.
Filed June 6, 1925. Serial No. 215,400. PUBLISHED NOVEMBER 10, 1925.

208,581. DRIED FRUITS. CALIFORNIA PACKING CORPORATION, San Francisco, Calif.
Filed May 15, 1925. Serial No. 214,352. PUBLISHED NOVEMBER 17, 1925.

208,582. UMBRELLAS AND PARASOLS. DOFF & CO., INC., New York, N. Y.
Filed September 4, 1925. Serial No. 219,818. PUBLISHED NOVEMBER 3, 1925.

208,583. PORCH SHADES. THE AEROSHADE COMPANY, Waukesha, Wis.
Filed September 4, 1925. Serial No. 219,794. PUBLISHED NOVEMBER 17, 1925.

208,584. MEN'S OUTER SUITS. ISIDORE GROSSMAN, doing business as Grossman Clothing Co., New York, N. Y.
Filed August 29, 1925. Serial No. 219,535. PUBLISHED NOVEMBER 10, 1925.

208,585. CANDY. GEORGE E. DOWNS, doing business as Vio-Scent Sweets Co., Newark, N. J.
Filed August 27, 1925. Serial No. 219,419. PUBLISHED NOVEMBER 17, 1925.

208,586. FROCKS. RALEIGH HABERDASHER, INC., Washington, D. C.
Filed August 26, 1925. Serial No. 219,409. PUBLISHED NOVEMBER 3, 1925.

208,587. HOSIERY. PAUL LOWIN, doing business as Durite Hosiery Co., New York, N. Y.
Filed August 26, 1925. Serial No. 219,400. PUBLISHED NOVEMBER 10, 1925.

208,588. HOSIERY. MAURICE LOWIN, doing business as Morwin Hosiery Co., New York, N. Y.
Filed August 26, 1925. Serial No. 219,399. PUBLISHED NOVEMBER 10, 1925.

208,589. OVERCOATS AND TOPCOATS. C. B. SHANE CO., Chicago, Ill.
Filed August 21, 1925. Serial No. 219,208. PUBLISHED NOVEMBER 10, 1925.

208,590. WOMEN'S DRESSES. COHN & HOLT, New York, N. Y.
Filed September 19, 1925. Serial No. 220,449. PUBLISHED NOVEMBER 10, 1925.

208,591. GOLF CLUBS AND GOLF BALLS. WILSON-WESTERN SPORTING GOODS CO., Chicago, Ill.
Filed September 18, 1925. Serial No. 220,438. PUBLISHED NOVEMBER 17, 1925.

209,592. BATHING SUITS. MITCHELL & FRANK KNITTING MILLS, INC., Buffalo, N. Y.
Filed September 18, 1925. Serial No. 220,414. PUBLISHED NOVEMBER 10, 1925.

208,593. WORKING CLOTHES—NAMELY, OVERALLS, WORK SHIRTS, AND PANTS. ADAM, MELDRUM & ANDERSON CO. INC., Buffalo, N. Y.
Filed September 10, 1925. Serial No. 220,057. PUBLISHED NOVEMBER 3, 1925.

208,594. MEN'S DRESS, NEGLIGEE, AND WORK SHIRTS, MEN'S UNDERSHIRTS AND UNDERWEAR MADE OF KNITTED AND TEXTILE FABRIC. HANSLEY MILLS, New York, N. Y.
Filed September 9, 1925. Serial No. 220,023. PUBLISHED NOVEMBER 10, 1925.

208,595. MEN'S AND YOUNG MEN'S AND BOYS' OUTER CLOTHING—NAMELY, SUITS, OVERCOATS, AND TROUSERS. MINTE, HOROWITZ AND ARICK, New York, N. Y.
Filed September 4, 1925. Serial No. 219,833. PUBLISHED NOVEMBER 3, 1925.

208,596. LADIES' COATS. MILTEX CLOAK & SUIT Co., New York, N. Y.
Filed September 4, 1925. Serial No. 219,832. PUBLISHED NOVEMBER 3, 1925.

208,597. MINERAL-SPRING WATER, CARBONATED AND NONCARBONATED, AND CARBONATED, NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS—VIZ, GINGER ALE, ROOT BEER, SARSAPARILLA, AND FRUIT FLAVORS. TASHMOO SPRINGS WATER Co., Vineyard Haven, Mass.
Filed October 2, 1925. Serial No. 221,144. PUBLISHED NOVEMBER 17, 1925.

208,598. SELF-OPERATING BASEBALL GAMES. HARDY F. NEAL, doing business as Neal Manufacturing Company, Inc., New York, N. Y.
Filed October 1, 1925. Serial No. 221,072. PUBLISHED NOVEMBER 17, 1925.

208,599. TOY BLOCKS. STROMBECK-BECKER MANUFACTURING COMPANY, Moline, Ill.
Filed September 30, 1925. Serial No. 221,035. PUBLISHED NOVEMBER 17, 1925.

208,600. TEETERS, SLIDES, AND WHIRLIGIGS. ARTHUR O. EDWARDS, Minneapolis, Minn.
Filed September 25, 1925. Serial No. 220,768. PUBLISHED NOVEMBER 17, 1925.

208,601. CIGARS, CIGARETTES, AND SMOKING TOBACCO. ANTONIO GUTIERREZ, New York, N. Y.
Filed September 23, 1925. Serial No. 220,654. PUBLISHED NOVEMBER 17, 1925.

208,602. MEN'S OVERALLS. CHICAGO MAIL ORDER COMPANY, Chicago, Ill.
Filed September 18, 1925. Serial No. 220,396. PUBLISHED NOVEMBER 10, 1925.

208,603. GOWNS. LAURA FRIEDLANDER, New York, N. Y., and Seabreeze, Daytona Beach, Fla.
Filed September 17, 1925. Serial No. 220,339. PUBLISHED NOVEMBER 10, 1925.

208,604. LADIES' SUITS, COATS, DRESSES, KNICKERBOCKERS, WAISTS, BLOUSES, SKIRTS, HATS, AND HOSIERY. AMERICAN RETAILERS ASSOCIATION, INC., New York, N. Y.
Filed September 15, 1925. Serial No. 220,282. PUBLISHED NOVEMBER 10, 1925.

208,605. MEN'S AND BOYS' DRESS, SPORT, WORK, AND NEGLIGEE SHIRTS. MAX HYMAN & SON, INC., New York, N. Y.
Filed September 14, 1925. Serial No. 220,235. PUBLISHED NOVEMBER 3, 1925.

208,606. OVERALLS AND ONE-PIECE WORK SUITS. GREAT SIX OVERALLS, INC., Winona, Minn.
Filed September 14, 1925. Serial No. 220,228. PUBLISHED NOVEMBER 3, 1925.

208,607. MISSES' AND WOMEN'S DRESSES. PHILIP GOLINKO, doing business as Florence Manufacturing Co., New York, N. Y.
Filed September 12, 1925. Serial No. 220,188. PUBLISHED NOVEMBER 3, 1925.

208,608. PLAY DRESSES FOR CHILDREN. PEARL RAINWATER, Little Rock, Ark.
Filed September 11, 1925. Serial No. 220,139. PUBLISHED NOVEMBER 3, 1925.

208,609. SPORT JACKETS. CLYDE S. PETERSON, Minneapolis, Minn.
Filed September 10, 1925. Serial No. 220,082. PUBLISHED NOVEMBER 3, 1925.

208,610. HOSIERY. MECHANICSBURG MANUFACTURING COMPANY, Mechanicsburg, Pa.
Filed September 10, 1925. Serial No. 220,077. PUBLISHED NOVEMBER 3, 1925.

208,611. BATHING SUITS. GUITERMAN BROS., INC., St. Paul, Minn.
Filed September 10, 1925. Serial No. 220,069. PUBLISHED NOVEMBER 3, 1925.

208,612. UMBRELLAS AND PARASOLS. DORF & Co., INC., New York, N. Y.
Filed September 10, 1925. Serial No. 220,063. PUBLISHED NOVEMBER 3, 1925.

208,613. BATHING SUITS AND MEN'S, WOMEN'S, AND CHILDREN'S WOOLEN OUTING COATS. JANTZEN KNITTING MILLS, Portland, Oreg.
Filed September 21, 1925. Serial No. 220,539. PUBLISHED NOVEMBER 10, 1925.

208,614. INFANTS' BANDS. BOSTON KNITTING MILLS, INC., Somerville, Mass.
Filed September 21, 1925. Serial No. 220,492. PUBLISHED NOVEMBER 10, 1925.

208,615. CIGARS. HARRY L. HAINES, doing business as H. L. Haines & Company, Red Lion, Pa.
Filed September 19, 1925. Serial No. 220,454. PUBLISHED NOVEMBER 17, 1925.

208,616. SILK PIECE GOODS. LOREN O. THOMPSON, doing business as L. O. Thompson Company, New York, N. Y.
Filed March 14, 1925. Serial No. 211,068. PUBLISHED NOVEMBER 3, 1925.

208,617. MEN'S, WOMEN'S, AND CHILDREN'S KNIT UNDERWEAR. ROBITSCHER & DAUM, New York, N. Y.
Filed October 26, 1922. Serial No. 171,234. PUBLISHED JULY 29, 1924.

208,618. HOSIERY. LICHT BROTHERS & COMPANY, St. Louis, Mo.
Filed November 1, 1922. Serial No. 171,463. PUBLISHED APRIL 7, 1925.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

208,619. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) USINES DE L'ALLONDON S. A., La Plaine, Geneva, Switzerland. Filed Aug. 4, 1925. Serial No. 218,385.

PALM BEACH

Particular description of goods.—Perfumes Used in the Manufacture of Powders, Creams, Lotions, and Toilet Articles.
Claims use for not less than one year.

208,620. (CLASS 39. CLOTHING.) JOHN V. FARWELL COMPANY, Chicago, Ill. Filed Nov. 21, 1924. Serial No. 205,633.

Dorna Gordon

Particular description of goods.—Ladies' and Misses' Dresses.
Claims use since Oct. 25, 1924.

208,621. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) RED JACKET MANUFACTURING COMPANY, Davenport, Iowa. Filed Nov. 23, 1925. Serial No. 223,744.

"NEVER FAIL"

Particular description of goods.—Pump Cylinders and Pump Check Valves.
Claims use since June 4, 1918.

208,622. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE CHAS. A. MAISH Co., Cincinnati, Ohio. Filed Nov. 12, 1925. Serial No. 223,180.

Maish

Particular description of goods.—Textile Quilts and Comforts.
Claims use since on or about Mar. 26, 1895.

208,623. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE CHAS. A. MAISH Co., Cincinnati, Ohio. Filed Nov. 12, 1925. Serial No. 223,179.

Maish

Comfort

The word "Comfort" being disclaimed apart from the mark shown on the drawing.
Particular description of goods.—Textile Quilts and Comforts.
Claims use since on or about Mar. 26, 1895.

208,624. (CLASS 12. CONSTRUCTION MATERIALS.) CADWALLADER-GIBSON Co., INC., Los Angeles, Calif. Filed Oct. 30, 1925. Serial No. 222,558.

BATAAN

Particular description of goods.—Lumber of All Kinds Used for Panels and Doors.
Claims use since 1912.

208,625. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Aug. 10, 1925. Serial No. 218,628.

TAKATA

Particular description of goods.—Cotton Piece Goods.
Claims use since Dec. 6, 1924.

608,626. (CLASS 12. CONSTRUCTION MATERIALS.) J. E. HIGGINS LUMBER Co., San Francisco, Calif. Filed Apr. 16, 1925. Serial No. 212,814.

HIGGINS Oak

Particular description of goods.—Flooring.
Claims use since Dec. 1, 1924.

208,627. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ROSENSTEIN BROS., INC., Paterson, N. J., and New York, N. Y. Filed Mar. 2, 1925. Serial No. 210,408.

NU FAILLE

Particular description of goods.—Artificial-Silk Faille in the Piece.
Claims use since Nov. 21, 1924.

208,628. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) ALLBESTOS CORPORATION, Philadelphia, Pa. Filed Jan. 29, 1925. Serial No. 208,792.

ALLBESTOS-FORD-BLUE

Particular description of goods.—Brake Linings.
Claims use since Dec. 10, 1924.

208,629. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HARDWICK & MAGEE COMPANY, Philadelphia, Pa. Filed Jan. 14, 1925. Serial No. 208,098.

Preston Broadloom Carpet

No claim is made to the word "Carpet" apart from the mark as shown.
Particular description of goods.—Textile Carpets.
Claims use since November, 1924.

208,630. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THEO. H. DAVIES & CO., LTD., Honolulu, Territory of Hawaii; San Francisco, Calif.; and New York, N. Y. Filed Dec. 9, 1924. Serial No. 206,478.

CHINO KHAKI

The use of the word "Khaki" apart from the mark shown on the drawing is disclaimed.

Particular description of goods.—Textile Fabrics—Namely, Cotton Cloth.

Claims use since Nov. 13, 1924.

208,631. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) NATHAN HALPERIN, doing business as Halperin Mills, Brooklyn, N. Y. Filed Aug. 2, 1924. Serial No. 200,882.

Faille-Kord

Particular description of goods.—Artificial-Silk Knitted Fabric.

Claims use since July 10, 1924.

208,632. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) THE WATERMAN-WATERBURY COMPANY, Minneapolis, Minn. Filed June 30, 1923. Serial No. 182,689.

SEAMLESS

Particular description of goods.—Hot-Air Heating Furnaces, Both Pipe and Pipeless.

Claims use since about Feb. 15, 1923.

208,633. (CLASS 27. HOROLOGICAL INSTRUMENTS.) THOS. RUSSELL & SON, Lancaster and Liverpool, England, assignor to Thos. Russell & Son Watch Co., Limited, London, England. Filed Oct. 8, 1920. Serial No. 138,099.

Thos. Russell & Son.

Particular description of goods.—Watches, Clocks, and Chronometers.

Claims use since about 1857.

208,634. (CLASS 39. CLOTHING.) PHILLIPS' PATENTS, LIMITED, London, England. Filed Sept. 26, 1925. Serial No. 220,865.

PHILLIPS

Particular description of goods.—India-Rubber Plates or Pads for Attachment to Soles or Heels of Boots and Shoes.

Claims use since June 30, 1906, in respect of plates or pads for attachment to the heels of boots and shoes and since Aug. 1, 1915, in respect of plates or pads for attachment to the soles of boots and shoes.

208,635. (CLASS 39. CLOTHING.) THOMAS & COMPANY, Brooklyn, N. Y. Filed Nov. 19, 1925. Serial No. 223,558.

Play Wear

Particular description of goods.—Boots and Shoes Made of Leather, Fabric, or Combinations Thereof.

Claims use since July 25, 1924.

208,636. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) HOOPER SONS' MANUFACTURING CO., Philadelphia, Pa. Filed Nov. 17, 1925. Serial No. 223,441.

STERLING

Particular description of goods.—Laundry Nets.

Claims use since Oct. 8, 1914.

208,637. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) BEARDSLEY SPECIALTY CO., Rock Island, Ill. Filed Oct. 31, 1925. Serial No. 222,593.

HOME BREW

Particular description of goods.—Malt Extract in Sirup Form and Beverages Made Therefrom.

Claims use since June, 1921.

208,638. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ERMET PRODUCTS COMPANY, Indianapolis, Ind. Oct. 10, 1925. Serial No. 221,544.

Certified

Particular description of goods.—Separators for Storage Batteries.

Claims use since Mar. 1, 1924.

208,639. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) NATIONAL VULCANIZED FIBRE COMPANY, Wilmington, Del. Filed Sept. 26, 1925. Serial No. 220,859.

PEERLESS

Particular description of goods.—Insulating Paper and Vulcanized Fiber for Electrical Insulation.

Claims use since 1903.

208,640. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) JAMES S. P. HATFIELD, doing business as Hi-Grade Battery & Equipment Co., Chicago, Ill. Filed Sept. 23, 1925. Serial No. 220,656.

HI-GRADE

Particular description of goods.—Storage and Other Batteries.

Claims use since Aug. 28, 1924.

208,641. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) J. H. TUCKER & COMPANY, LIMITED, Birmingham, England. Filed Sept. 22, 1925. Serial No. 220,626.

TUCKER

Particular description of goods.—Electrical Adapters, Electrical Plugs, Electrical Sockets, Electrical Connecters, Electrical Ceiling Roses, Counterweights for Electrical Fittings, Electrical Cut Outs (Both Automatic and Otherwise), Electric-Lamp Holders, Electric-Bell Pushes, Electric Switch Plates, Electrical Fuses and Fuse Carriers, Electrical Regulators, Sealing Chambers for Electrical Cable, Bus-Bar Brackets, Electrical Disconnecting Boxes; Electric Switches, and Parts Thereof, Iron and Teak Terminal Boxes for Electric Switches; Electric Fuse and Distribution Boards, Their Parts, and Accessories; Accumulator Switchboards, Their Parts, and Accessories.

Claims use since 1921.

208,642. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SPERRY FLOUR COMPANY, San Francisco, Calif. Filed Sept. 19, 1925. Serial No. 220,481.

HARINA

MARCA BARCO



Particular description of goods.—Wheat Flour.

Claims use since prior to 1912.

208,643. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE ADAM'S PRESERVING CO., Houston, Tex. Filed Sept. 3, 1925. Serial No. 219,708.

GALVEZ

Particular description of goods.—Preserved Figs.

Claims use since Apr. 26, 1924.

208,644. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE LUER PACKING CO., Los Angeles, Calif. Filed July 31, 1925. Serial No. 218,190.

Hygrade

Particular description of goods.—Lard, a Compound Composed of Edible Fats and Refined Vegetable Oils Used as a Substitute for Lard; Fresh Meats—Namely, Pork, Beef, Lamb, and Veal; Smoked Meats—Namely, Pork, Beef, Lamb, and Veal; Salted Meats—Namely, Pork, Beef, Lamb, and Veal; Cooked Meats—Namely, Pork, Beef, Lamb, and Veal; and Sausage.

Claims use since Apr. 1, 1919.

208,645. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VEGETARIAN FOOD AND NUT CO., Washington, D. C. Filed Mar. 25, 1925. Serial No. 211,636.

Dr. Schindler's

Particular description of goods.—Peanut Butter.

Claims use since 1902.

208,646. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JAS. H. FORBES TEA & COFFEE CO., St. Louis, Mo. Filed Mar. 21, 1925. Serial No. 211,417.

Quality

Particular description of goods.—Milk Chocolate, Cocoa, Coffee, and Spices.

Claims use since on or about Dec. 13, 1924, on milk chocolate; since on or about June 7, 1924, on cocoa; since on or about Mar. 1, 1912, on coffee; and since on or about June 1, 1918, on spices.

208,647. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRED C. MANSFIELD COMPANY, Johnson Creek, Wis. Filed Jan. 15, 1925. Serial No. 208,152.

HEALTH BRAND

Particular description of goods.—Evaporated Milk.

Claims use since Sept. 12, 1924.

208,648. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) REILLY RUBBER COMPANY, Los Angeles, Calif. Filed Dec. 26, 1924. Serial No. 207,260.

Longfellow

Particular description of goods.—Golf Balls.
Claims use since September, 1924.

208,649. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) IDEAL NOVELTY & TOY CO., Brooklyn, N. Y. Filed Dec. 23, 1924. Serial No. 207,135.

CARRIE JOY

Particular description of goods.—Dolls.
Claims use since Dec. 1, 1924.

208,650. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VERO INDIAN RIVER PRODUCERS ASSN., Vero, Fla. Filed Dec. 20, 1924. Serial No. 207,037.

QUALITY TELLS

Particular description of goods.—Fresh Citrous Fruits.
Claims use since Dec. 3, 1924.

208,651. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EDWARD C. LUEDTKE, La Porte, Ind. Filed Nov. 28, 1924. Serial No. 205,930.

Luedtke's
Hand Chap
LOTION

Particular description of goods.—Chapped-Hand Lotion.
Claims use since Jan. 1, 1924.

208,652. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) SERVWELL SALES CORPORATION, Chicago, Ill. Filed Nov. 22, 1924. Serial No. 205,715.

SERVWELL

Particular description of goods.—Magneto Chargers.
Claims use since Oct. 15, 1924.

208,653. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) RATHBUN MFG. CO., INC., Jamestown, N. Y. Filed Oct. 18, 1924. Serial No. 204,117.

RATHBUN
SINGLE-HOLE MOUNTING
SUPERIOR CONDENSER

Particular description of goods.—Condensers.
Claims use since Sept. 18, 1924.

208,654. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANKLIN BAKER COMPANY, Hoboken, N. J. Filed Sept. 30, 1924. Serial No. 203,217.

Premium Shred

Particular description of goods.—Prepared Coconut.
Claims use since Jan. 1, 1909.

208,655. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EUGENIA THOMAS DUKE, doing business as Duke Mayonnaise Co., Greenville, S. C. Filed May 11, 1923. Serial No. 180,470.

Duke's

Particular description of goods.—Mayonnaise Dressing, Russian Dressing, and Sweet-Pickle Relish.
Claims use since Aug. 1, 1921.

208,656. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ASSOCIATED PHYSICIANS LABORATORIES, San Francisco, Calif. Filed Nov. 27, 1923. Serial No. 223,880.

ELIXIR
Phos-Ferro-Dylate

Particular description of goods.—Solution to be Used in the Treatment of Neurasthenia, Asthma, Following Grippe, Convalescence from Infectious Diseases, Debility and Nervous Depression, Anæmia, and Malaria.
Claims use since May, 1922.

TRADE-MARK REGISTRATIONS RENEWED

27,325. DISINFECTANTS. Registered November 26, 1895. THE H. W. JAYNE CHEMICAL CO., Philadelphia, Pa. Renewed November 26, 1925, to The Barrett Company, New York, N. Y., a Corporation of New Jersey, assignee.

27,585. REFRIGERATORS. Registered December 31, 1895. KEYSER & Co. Renewed December 31, 1925, to Tennessee Furniture Corporation, Chattanooga, Tenn., a Corporation of Tennessee, successor.

27,826. METAL POLISH. Registered February 18, 1896. WOODS MANUFACTURING COMPANY, Chicago, Ill. Renewed February 18, 1926, to Solarine Company, Baltimore, Md., a Corporation of Maryland, assignee by mesne assignments.

27,832. HEATING AND COOKING APPARATUS. Registered February 18, 1896. F. & L. KAHN & BROS. Renewed February 18, 1926, to The Estate Stove Company, Hamilton, Ohio, a Corporation of Ohio, successor.

27,863. ANTISEPTICS, FOOD PRESERVATIVES, AND ALLIED PREPARATIONS. Registered February 25, 1896. THE PATENT BORAX COMPANY, LIMITED, Birmingham, England, a Corporation of Great Britain. Renewed February 25, 1926.

27,888. WALL PAPER. Registered March 3, 1896. ALFRED PEATS, Chicago, Ill., and New York, N. Y. Renewed March 3, 1926, to Alfred Peats Company, Chicago, Ill., a Corporation of Illinois, assignee.

27,889. SAFETY PINS, HAIRPINS, CLIPS, AND OTHER METAL FASTENING DEVICES. Registered March 3, 1896. CONSOLIDATED SAFETY PIN CO. Renewed March 3, 1926, to The Consolidated Safety Pin Company, Bloomfield, N. J., a Corporation of New Jersey.

27,936. PREPARED FRUITS AND VEGETABLES. Registered March 10, 1896. H. J. HEINZ Co., Allegheny City, Pa. Renewed March 10, 1926, to H. J. Heinz Co., Pittsburgh, Pa., a Corporation of Pennsylvania, successor.

27,947. SOLDERING FLUX. Registered March 10, 1896. THE GRASSELLI CHEMICAL CO., Cleveland, Ohio, a Corporation of Ohio. Renewed March 10, 1926.

27,965. SOAP. Registered March 17, 1896. LOS ANGELES SOAP CO. Renewed March 17, 1926, to Los Angeles Soap Company, Los Angeles, Calif., a Corporation of California, successor.

27,974. SILVER-PLATED WARE. Registered March 17, 1896. THE HOMAN SILVER PLATE CO., Cincinnati, Ohio; Chicago, Ill.; and New York, N. Y. Renewed March 17, 1926, to The Homan Manufacturing Co., Cincinnati, Ohio, a Corporation of Ohio, assignee.

28,026. LITHOGRAPHIC INK. Registered March 31, 1896. THE FUCHS & LANG MANUFACTURING CO., Brooklyn and New York, N. Y. Renewed March 31, 1926, to The Fuchs & Lang Maufacturing Company, New York, N. Y., a Corporation of New York.

28,038. WHISKY. Registered March 31, 1896. MELLWOOD DISTILLERY CO., Louisville, Ky. Renewed March 31, 1926, to Kentucky Distilleries & Warehouse Co., New York, N. Y., a Corporation of New Jersey, assignee.

28,068. LAGER BEER. Registered March 31, 1896. THE JOHN F. WIESNER & SON'S BREWING COMPANY OF BALTIMORE CITY, Baltimore, Md., a Corporation of Maryland. Renewed March 31, 1926.

47,141. FLAVORING EXTRACTS. Registered October 31, 1905. CRESCENT MANUFACTURING CO., Seattle, Wash., a Corporation of the State of Washington. Renewed October 31, 1925.

47,601. A REMEDY FOR HEADACHE AND NEURALGIA. Registered November 14, 1905. ROBERT P. MENARD, Macon, Ga. Renewed November 14, 1925.

47,630. SPICES. Registered November 14, 1905. CRESCENT MANUFACTURING CO., Seattle, Wash., a Corporation of the State of Washington. Renewed November 14, 1925.

47,902. PLAYING CARDS. Registered December 5, 1905. THE UNITED STATES PLAYING CARD CO. Renewed December 5, 1925, to The United States Playing Card Company, East Norwood, (Cincinnati), Ohio, a Corporation of Ohio, assignee.

48,007. RUBBER BOOTS. Registered December 5, 1905. GOODYEAR RUBBER COMPANY, New York, N. Y., a Corporation of New York. Renewed December 5, 1925.

48,095. SMOKING TOBACCO AND CIGARETTES. Registered December 12, 1905. CARRERAS LIMITED, London, England, a Corporation of Great Britain. Renewed December 12, 1925.

48,294. FLEECE-LINED COTTON UNDERSHIRTS AND DRAWERS. Registered December 19, 1905. UNION MILLS, Boston, Mass., and Hudson, Mechanicsville, and New York, N. Y. Renewed December 19, 1925, to Union Mills Inc., New York, N. Y., a Corporation of New York, assignee.

48,386. PLAYING CARDS. Registered December 26, 1905. THE UNITED STATES PLAYING CARD CO. Renewed December 26, 1925, to The United States Playing Card Company, Cincinnati, (East Norwood), Ohio, a Corporation of Ohio, assignee.

48,635. OILED CLOTHING. Registered January 9, 1906. J. H. ROWE COMPANY, Portland, Me., and Gloucester, Mass. Renewed January 9, 1926, to A. J. Tower Company, Boston, Mass., a Corporation of Massachusetts, assignee.

48,636. OILED CLOTHING. Registered January 9, 1906. J. H. ROWE COMPANY, Portland, Me., and Gloucester, Mass. Renewed January 9, 1926, to A. J. Tower Company, Boston, Mass., a Corporation of Massachusetts, assignee.

48,682. MEDICINAL PREPARATIONS. Registered January 9, 1906. FAIRCHILD BROS. & FOSTER, New York, N. Y., a Corporation of New York. Renewed January 9, 1926.

48,713. WHEAT FLOUR. Registered January 9, 1906. JOHN MCALEER & SONS. Renewed January 9, 1926, to Margaretta Josephine McAleer, doing business as John McAleer & Sons, Philadelphia, Pa., successor.

48,907. SIRUPS, FLAVORINGS, TONICS, AND EXTRACTS FOR NONINTOXICATING BEVERAGES. Registered January 16, 1906. BOVRIL LIMITED, London, England, and Montreal, Canada. Renewed January 16, 1926, to Bovril Limited, London, England, a Corporation of Great Britain.

49,123. WEEKLY NEWSPAPER. Registered January 23, 1906. CURTIS GUILD & CO. Renewed January 23, 1926, to Courtenay Guild, doing business as Curtis Guild & Co., Boston, Mass.

49,278. OILED CLOTHING. Registered January 30, 1906. J. H. ROWE COMPANY, Portland, Me., and Gloucester, Mass. Renewed January 30, 1926, to A. J. Tower Company, Boston, MASS., a Corporation of Massachusetts, assignee.

49,311. DIE STOCKS. Registered January 30, 1906. THE HART MANUFACTURING CO., Cleveland, Ohio, a Corporation of Ohio. Renewed January 30, 1926.

49,316. LUBRICATING GREASE. Registered January 30, 1906. THE PHILADELPHIA GREASE MANUFACTURING CO. Renewed January 30, 1926, to The Philadelphia Grease Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania, successor.

49,344. LAUNDRY SOAP. Registered January 30, 1906. MAPLE CITY SOAP WORKS, Monmouth, Ill. Renewed January 30, 1926, to The Procter & Gamble Company, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,370. WATERPROOF HATS. Registered February 6, 1906. A. J. TOWER COMPANY, Portland, Me., and Boston, Mass. Renewed February 6, 1926, to A. J. Tower Company, Boston, Mass., a Corporation of Massachusetts, assignee.

49,411. FILES AND RASPS. Registered February 6, 1906. NICHOLSON FILE COMPANY, Providence, R. I., a Corporation of Rhode Island. Renewed February 6, 1926.

49,427. OILED CLOTHING. Registered February 6, 1906. A. J. TOWER COMPANY, Portland, Me., and Boston, Mass. Renewed February 6, 1926, to A. J. Tower Company, Boston, Mass., a Corporation of Massachusetts, assignee.

49,431. NEEDLES. Registered February 6, 1906. CHARLES H. CROWLEY, New York, N. Y. Renewed February 6, 1926.

49,700. OILED CLOTHING. Registered February 13, 1906. A. J. TOWER COMPANY. Renewed February 13, 1926, to A. J. Tower Company, Boston, Mass., a Corporation of Massachusetts, assignee.

49,756. OILED CLOTHING OF ALL KINDS. Registered February 13, 1906. A. J. TOWER COMPANY, Boston, Mass., and Portland, Me. Renewed February 13, 1926, to A. J. Tower Company, Boston, Mass., a Corporation of Massachusetts, assignee.

49,804. BOTTLED LAGER BEER. Registered February 20, 1906. VALENTIN BLATZ BREWING CO., Milwaukee, Wis., a Corporation of Wisconsin. Renewed February 20, 1926.

49,883. VARNISHES. Registered February 20, 1906. THE DAVID B. CROCKETT CO. Renewed February 20, 1926, to The David B. Crockett Company, doing business as The Bissell Varnish Company, Bridgeport, Conn., a Corporation of Connecticut.

49,960. VARNISHES. Registered February 27, 1906. THE AMERICAN VARNISH COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed February 27, 1926.

50,062. CORSETS. Registered February 27, 1906. THE WARNER BROS. CO. Renewed February 27, 1926, to The Warner Brothers Company, Bridgeport, Conn., a Corporation of Connecticut.

50,080. MALT EXTRACT. Registered March 6, 1906. VALENTIN BLATZ BREWING CO., Milwaukee, Wis., a Corporation of Wisconsin. Renewed March 6, 1926.

50,091. NEEDLES. Registered March 6, 1906. CHARLES H. CROWLEY, New York, N. Y. Renewed March 6, 1926.

50,105. BALL BEARINGS. Registered March 6, 1906. THE HESS-BRIGHT MANUFACTURING CO. Renewed March 6, 1926, to The Hess-Bright Manufacturing Company, Philadelphia, Pa., a Corporation of Delaware, assignee.

50,121. PRESSED GLASSWARE. Registered March 6, 1906. A. H. HEISEY & CO., INC. Renewed March 6, 1926, to A. H. Heisey & Company, Newark, Ohio, a common law company, successor.

50,135. FILES AND RASPS. Registered March 6, 1906. NICHOLSON FILE COMPANY, Providence, R. I., and Beaver Falls, Pa. Renewed March 6, 1926, to Nicholson File Company, Providence, R. I., a Corporation of Rhode Island.

50,137. FILES, RASPS, AND HANDLES AND HOLDERS THEREFOR. Registered March 6, 1906. NICHOLSON FILE COMPANY, Providence, R. I., a Corporation of Rhode Island. Renewed March 6, 1926.

50,190. LINKS, SLEEVE BUTTONS, COLLAR BUTTONS, STUDS, AND BLOUSE-BUTTON SETS. Registered March 6, 1906. STANDARD BUTTON COMPANY. Renewed March 6, 1926, to R & G Company, Attleboro, Mass., a Corporation of Massachusetts, assignee.

50,241. A REMEDY FOR EPILEPSY. Registered March 6, 1906. ANTHONY K. MANDIS, Washington, D. C. Renewed March 6, 1926, to Anthony K. Mandis, Sacramento, Calif.

50,242. CONDENSED MINCE MEAT. Registered March 6, 1906. MERRELL-SOULE COMPANY, Syracuse, N. Y., a Corporation of New York. Renewed March 6, 1926.

50,345. SHEET AND PICTURE GLASS. Registered March 13, 1906. SEMON BACHE & COMPANY, New York, N. Y., a Corporation of New York. Renewed March 13, 1926.

50,410. POTTERY, EARTHENWARE, AND CHINA. Registered March 13, 1906. DOULTON & CO. LIMITED, Lambeth, London, England, a Corporation of Great Britain. Renewed March 13, 1926.

50,479. WHEAT FLOUR. Registered March 20, 1906. THE BURRUS MILL & ELEVATOR COMPANY. Renewed March 20, 1926, to The Burrus Mill and Elevator Co., Fort Worth, Tex., a Corporation of Texas.

50,515. ANTISEPTICS. Registered March 20, 1906. LLOYD BROTHERS. Renewed March 20, 1926, to Lloyd Brothers, Pharmacists, Inc., Cincinnati, Ohio, a Corporation of Ohio, assignee.

50,517. PHARMACEUTICAL PREPARATION. Registered March 20, 1906. LLOYD BROTHERS. Renewed March 20, 1926, to Lloyd Brothers, Pharmacists, Inc., Cincinnati, Ohio, a Corporation of Ohio, assignee.

50,530. GARDEN, FLOWER, AND FIELD SEEDS. Registered March 20, 1906. THE LIVINGSTON SEED CO., Columbus, Ohio, a Corporation of Ohio. Renewed March 20, 1926.

50,615. TRUNKS, SUIT CASES, TRAVELING BAGS, SATCHELS, AND TELESCOPES. Registered March 27, 1906. HENRY POLLACK TRUNK CO., Dallas, Tex., a Corporation of Texas. Renewed March 27, 1926.

50,670. STERLING-SILVER FLATWARE, HOLLOW WARE, AND TABLEWARE. Registered March 27, 1906. THEODORE W. FOSTER & BRO. CO., Providence, R. I., a Corporation of Maine. Renewed March 27, 1926.

50,684. TOILET AND LAUNDRY SOAP. Registered March 27, 1906. MAPLE CITY SOAP WORKS, Monmouth, Ill. Renewed March 27, 1926, to The Procter & Gamble Company, Cincinnati, Ohio, a Corporation of Ohio, successor.

50,709. OILED CLOTHING. Registered March 27, 1906. A. J. TOWER COMPANY. Renewed March 27, 1926, to A. J. Tower Company, Boston, Mass., a Corporation of Massachusetts, assignee.

50,741. CARAMELS AND CANDIES. Registered March 27, 1906. AMERICAN CARAMEL CO., Lancaster, Philadelphia, and York, Pa. Renewed March 27, 1926, to American Caramel Company, York, Pa., a Corporation of Pennsylvania.

50,800. TOILET POWDER. Registered March 27, 1906. THE STORK COMPANY. Renewed March 27, 1926, to The Stork Company, Boston, Mass., a Corporation of Massachusetts, successor.

50,839. HOT-AIR FURNACES. Registered April 3, 1906. THE WISE FURNACE CO., Akron, Ohio, a Corporation of Ohio. Renewed April 3, 1926.

50,853. SONG BIRDS. Registered April 3, 1906. MAX GEISLER, Omaha, Nebr. Renewed April 3, 1926.

50,856. SOAP. Registered April 3, 1906. MAPLE CITY SOAP WORKS, Monmouth, Ill. Renewed April 3, 1926, to The Procter & Gamble Company, Cincinnati, Ohio, a Corporation of Ohio, successor.

50,880. FILES AND RASPS AND HANDLES AND HOLDERS THEREFOR. Registered April 3, 1906. NICHOLSON FILE COMPANY, Providence, R. I., a Corporation of Rhode Island. Renewed April 3, 1926.

50,974. PAPERS MADE FROM WOOD PULP. Registered April 3, 1906. INTERNATIONAL PAPER COMPANY, New York, N. Y., a Corporation of New York. Renewed April 3, 1926.

50,989. MEN'S AND BOYS' HATS AND CAPS. Registered April 3, 1906. FRANK SCHOBLE & CO. Renewed April 3, 1926, to Frank Schoble & Co., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

51,222. VARNISHES. Registered April 10, 1906. THE DAVID B. CROCKETT COMPANY. Renewed April 10, 1926, to The David B. Crockett Company, doing business as The Bissell Varnish Company, Bridgeport, Conn., a Corporation of Connecticut.

51,240. POLISHES. Registered April 10, 1906. J. A. WRIGHT & CO. Renewed April 10, 1926, to J. A. Wright and Co., Inc., Keene, N. H., a Corporation of New Hampshire.

51,262. FOUNTAIN PENS. Registered April 10, 1906. THE CENTURY PEN COMPANY, Whitewater, Wis., a Corporation of Wisconsin. Renewed April 10, 1926.

51,329. WHEAT FLOUR. Registered April 10, 1906. O. W. PEIRCE COMPANY, La Fayette, Ind., a Corporation of Indiana. Renewed April 10, 1926.

51,340. BAKING POWDER. Registered April 10, 1906. CRESCENT MANUFACTURING CO., Seattle, Wash., a Corporation of the State of Washington. Renewed April 10, 1926.

51,465. CUP GREASE AND LUBRICATING OILS. Registered April 17, 1906. GALENA AXLE GREASE CO. Renewed April 17, 1926, to Galena Manufacturing Company of Illinois, Galena, Ill., a Corporation of Illinois, assignee.

51,477. COFFEE. Registered April 17, 1906. O. W. PEIRCE COMPANY, La Fayette, Ind., a Corporation of Indiana. Renewed April 17, 1926.

51,506. PINE-WOOD OIL. Registered April 17, 1906. SPIRITTINE CHEMICAL COMPANY, Wilmington, N. C., a Corporation of North Carolina. Renewed April 17, 1926.

51,533. RUGS, ART SQUARES, AND MATTING MADE OF GRASS TWINE. Registered April 17, 1906. OSHKOSH GRASS MATTING CO. Renewed April 17, 1926, to Deltox Rug Company, Oshkosh, Wis., a Corporation of Wisconsin, assignee.

51,601. LADIES' AND CHILDREN'S UNDERWAISTS. Registered April 17, 1906. THE WARNER BROS. CO. Renewed April 17, 1926, to The Warner Brothers Company, Bridgeport, Conn., a Corporation of Connecticut.

51,647. MEDICINAL MINERAL OIL. Registered April 17, 1906. H. K. MULFORD COMPANY, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed April 17, 1926.

51,649. MEDICINAL PREPARATION IN SUPPOSITORY OR OINTMENT FORM. Registered April 17, 1906. H. K. MULFORD COMPANY, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed April 17, 1926.

51,650. GRANULAR EFFERVESCENT SALT. Registered April 17, 1906. H. K. MULFORD COMPANY, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed April 17, 1926.

51,657. DANDRUFF AND SKIN CURE. Registered April 17, 1906. ALFRED J. KRANK, St. Paul, Minn. Renewed April 17, 1926.

51,676. OILED CLOTHING OF ALL KINDS. Registered April 24, 1906. A. J. TOWER COMPANY, Portland, Me., and Boston, Mass. Renewed April 24, 1926, to A. J. Tower Company, Boston, Mass., a Corporation of Massachusetts, assignee.

51,682. GLASS BOTTLES. Registered April 24, 1906. L. ROSE & CO. LIMITED. Renewed April 24, 1926, to L. Rose & Co. Ltd., London, England, a Corporation of Great Britain.

51,718. OILED CLOTHING. Registered April 24, 1906. A. J. TOWER COMPANY, Portland, Me., and Boston, Mass. Renewed April 24, 1926, to A. J. Tower Company, Boston, Mass., a Corporation of Massachusetts, assignee.

51,719. OILED CLOTHING OF ALL KINDS. Registered April 24, 1906. A. J. TOWER COMPANY, Portland, Me., and Boston, Mass. Renewed April 24, 1926, to A. J. Tower Company, Boston, Mass., a Corporation of Massachusetts, assignee.

51,729. DRUMS. Registered April 24, 1906. LYON & HEALY. Renewed April 24, 1926, to Lyon & Healy, Inc., Chicago, Ill., a Corporation of Illinois, assignee.

51,743. ELECTRIC SWITCHES. Registered April 24, 1906. THE HART & HEGEMAN MFG. CO., Hartford, Conn., a Corporation of Connecticut. Renewed April 24, 1926.

51,766. BISCUITS AND CAKES. Registered April 24, 1906. HUNTLEY & PALMERS, LTD., Reading, England, a Corporation of Great Britain. Renewed April 24, 1926.

51,849. MOISTPROOF MALINE. Registered April 24, 1906. THEO. TIEDEMANN & SON. Renewed April 24, 1926, to Theo. Tiedemann & Sons, Inc., New York, N. Y., a Corporation of New York, successors.

51,866. A CANNED EXTRACT OF GREEN CORN. Registered April 24, 1906. THE HASEROT CANNERIES COMPANY. Renewed April 24, 1926, to The Haserot Company, Cleveland, Ohio, a Corporation of Ohio, successor.

51,983. ICE-SHAVING MACHINES. Registered May 1, 1906. CLEMENT COLBRIDGE CLAWSON, Flagtown (Frankfort post office), N. J. Renewed May 1, 1926.

51,984. ICE-SHAVING MACHINES. Registered May 1, 1906. CLEMENT COLBRIDGE CLAWSON, Flagtown (Frankfort post office), N. J. Renewed May 1, 1926.

52,046. DAMPERS FOR HOT-AIR PIPES AND SMOKE PIPES. Registered May 1, 1906. THE S. M. HOWES COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed May 1, 1926.

52,182. SIRUP AND MOLASSES. Registered May 1, 1906. NATIONAL GROCER COMPANY, Chicago, Ill. Renewed May 1, 1926, to National Grocer Company, Detroit, Mich., a Corporation of Michigan.

52,222. LEATHER BOOTS AND SHOES. Registered May 1, 1906. V. SCHOENECKER BOOT & SHOE COMPANY, Milwaukee, Wis., a Corporation of Wisconsin. Renewed May 1, 1926.

52,242. CANNED VEGETABLES. Registered May 1, 1906. THE BAXTER BROS. CO., Brunswick, Me., a Corporation of Maine. Renewed May 1, 1926.

52,313. CARAMELS AND CANDIES. Registered May 8, 1906. AMERICAN CARAMEL CO., Lancaster, Philadelphia, and York, Pa. Renewed May 8, 1926, to American Caramel Company, York, Pa., a Corporation of Pennsylvania.

52,321. HAMS, SHOULDERS, AND BACON. Registered May 8, 1906. E. GODEL AND SONS. Renewed May 8, 1926, to E. Godel & Sons, Peoria, Ill., a Corporation of Illinois.

52,482. TWINE. Registered May 8, 1906. FULTON BAG & COTTON MILLS, Atlanta, Ga., a Corporation of Georgia. Renewed May 8, 1926.

52,492. AGRICULTURAL AND HORTICULTURAL SEEDS. Registered May 8, 1906. PETER HENDERSON & CO., New York, N. Y., a Corporation of New Jersey. Renewed May 8, 1926.

52,501. WATERPROOF SHEETINGS. Registered May 8, 1906. THE STORK COMPANY. Renewed May 8, 1926, to The Stork Company, Boston, Mass., a Corporation of Massachusetts, successor.

52,804. WHEAT FLOUR. Registered May 15, 1906. BARRETT, DENTON & LYNN COMPANY, Dalton, Ga., a Corporation of Georgia. Renewed May 15, 1926.

52,884. OVERALLS. Registered May 22, 1906. THE GLOBE OVERALLS CO., Cincinnati, Ohio, a Corporation of Ohio. Renewed May 22, 1926.

52,954. WHEAT FLOUR. Registered May 22, 1906. HIGHLAND MILLING COMPANY, Highland, Ill., a Corporation of Illinois. Renewed May 22, 1926.

53,091. OILED CLOTHING OF ALL KINDS. Registered May 29, 1906. A. J. TOWER COMPANY, Portland, Me., and Boston, Mass. Renewed May 29, 1926, to A. J. Tower Company, Boston, Mass., a Corporation of Massachusetts, assignee.

53,180. CONCERTINAS AND ACCORDIONS. Registered May 29, 1906. LYON & HEALY. Renewed May 29, 1926, to Lyon & Healy, Inc., Chicago, Ill., a Corporation of Illinois, assignee.

53,212. A REMEDY FOR INDIGESTION. Registered May 29, 1906. VOIGT & CO. Renewed May 29, 1926, to Voigt & Co., Chattanooga, Tenn., a Corporation of Tennessee, successor.

53,228. LEATHER BOOTS, SHOES, AND SLIPPERS. Registered May 29, 1906. PRESTON B. KEITH SHOE COMPANY, Brockton, Mass., a Corporation of Massachusetts. Renewed May 29, 1926.

53,230. PHOSPHATIC POWDERS. Registered May 29, 1906. RUMFORD CHEMICAL WORKS, Providence, R. I., a Corporation of Rhode Island. Renewed May 29, 1926.

53,300. LEATHER SHOES FOR LADIES, MEN, AND CHILDREN. Registered May 29, 1906. A. J. BATES Co. Renewed May 29, 1926, to A. J. Bates Company, Webster, Mass., a Corporation of Massachusetts.

53,789. DOORS. Registered June 12, 1906. PAINE LUMBER COMPANY, LIMITED, Oshkosh, Wis. Renewed June 12, 1926, to Miracle Door Company, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

53,944. LINIMENT. Registered June 12, 1906. HENRY E. WRENSCH, Jr., Montclair, N. J. Renewed June 12, 1926.

LABELS

REGISTERED FEBRUARY 2, 1926.

29,857.—*Title:* ARMAND SHAMPOO. For Shampoo. THE ARMAND COMPANY, Des Moines, Iowa. Published November 30, 1925.

29,858.—*Title:* ATLAS FOR EVERYBODY. For a Malt Beverage. ATLAS BREWING COMPANY, Chicago, Ill. Published December 15, 1925.

29,859.—*Title:* KAMEO KIDDY. For Correspondence Cards. MADELINE BRANDEIS, Hollywood, Calif. Published November 2, 1925.

29,860.—*Title:* BEAVER HIGH SPEED STEEL. For Steel Plates and Bars. COLONIAL STEEL COMPANY, Pittsburgh, Pa. Published December 12, 1925.

29,861.—*Title:* UNCLE DAN'S HOT TAMALES. For Hot Tamales. DANIEL BOON FLEMING, Trinidad, Colo. Published November 25, 1925.

29,862.—*Title:* FLORIDA GOLD. For Canned Grapefruit. FRUIT PRODUCTS CO., OF FLORIDA, Eagle Lake, Fla. Published November 6, 1925.

29,863.—*Title:* HOFF'S LINIMENT. For Liniment. HERBERT F. GOODRICH, doing business as Goodrich Drug Co., Anoka, Minn. Published December 9, 1926.

29,864.—*Title:* HOFF'S LINIMENT FOR MAN AND BEAST. For Liniment. HERBERT F. GOODRICH, doing business as Goodrich Drug Co., Anoka, Minn. Published December 9, 1925.

29,865.—*Title:* HAPPINESS. For Hair Nets. HAIR NET PACKERS, INC., New York, N. Y. Published November 1, 1925.

29,866.—*Title:* SALLY. For Hair Nets. HAIR NET PACKERS, INC., New York, N. Y. Published November 1, 1925.

29,867.—*Title:* LUCKY DUX. For Infants' Hose. HUB HOSIERY MILLS, Boston, Mass. Published December 18, 1925.

29,868.—*Title:* SWANEE-LAC. For Paints. THE R. F. JOHNSTON PAINT COMPANY, Cincinnati, Ohio. Published November 24, 1925.

29,869.—*Title:* AMERICAN BEAUTY #1. For Veal Liver. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio. Published December 1, 1925.

29,870.—*Title:* AMERICAN BEAUTY #2. For Fresh Sausage. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio. Published December 1, 1925.

29,871.—*Title:* AMERICAN BEAUTY #3. For Pork Sausage. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio. Published December 1, 1925.

29,872.—*Title:* AMERICAN BEAUTY #4. For Pork Tenderloins. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio. Published December 1, 1925.

29,873.—*Title:* AMERICAN BEAUTY #5. For Beef Fat. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio. Published December 1, 1925.

29,874.—*Title:* AMERICAN BEAUTY #6. For Veal Sweetbreads. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio. Published December 1, 1925.

29,875.—*Title:* AMERICAN BEAUTY #7. For Beef Sweetbreads. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio. Published December 1, 1925.

29,876.—*Title:* AMERICAN BEAUTY #8. For Beef Brains. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio. Published December 1, 1925.

29,877.—*Title:* AMERICAN BEAUTY #9. For Pork Brains. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio. Published December 1, 1925.

29,878.—*Title:* AMERICAN BEAUTY #10. For Meat. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio. Published December 1, 1925.

29,879.—*Title:* WHAT THE COUNTRY NEEDS IS A GOOD 5¢ CIGAR, TOM MARSHALL. For Cigars. LAVENDOR CIGAR CO., INC., Hammond, Ind. Published November 30, 1925.

29,880.—*Title:* VELVETOLA (#1). For a Bottle Containing Beautifier. W. E. MCCALVEY COMPANY, Springfield, Ohio. Published December 24, 1925.

29,881.—*Title:* VELVETOLA (#2). For a Directions Label on a Bottle Containing Beautifier. W. E. MCCALVEY COMPANY, Springfield, Ohio. Published December 24, 1925.

29,882.—*Title:* HELP. For a Cleanser and Water Softener. WILLIAM E. MARTIN, doing business as Martin & Martin Mfrs., Chicago, Ill. Published September 15, 1925.

29,883.—*Title:* UNITED SYNAGOGUE. For Bread. MESSING BAKERIES, INC., New York, N. Y. Published September 15, 1925.

29,884.—*Title:* SEN-GEN-MA. For a Medicinal Preparation. THE NATURE HERB CO., INC., Seattle, Wash. Published June 8, 1925.

29,885.—*Title:* TRY THIS FOR—. For Ammonia for General Household Purposes. THE OLD WITCH COMPANY, Port Chester, N. Y. Published December 14, 1925.

29,886.—*Title:* OLD WITCH EXTRA STRENGTH AMMONIA. For Ammonia for General Household Purposes. THE OLD WITCH COMPANY, Port Chester, N. Y. Published December 14, 1925.

29,887.—*Title:* SHOW ME! For Candy. PACIFIC COAST BISCUIT COMPANY, Seattle, Wash. Published September 1, 1925.

29,888.—*Title:* PEPCO AUTOMOBILE BODY POLISH. For Automobile Body Polish. ODDIE A. PETERSEN, doing business as Petersen Products Co., Brooklyn, N. Y. Published December 8, 1925.

29,889.—*Title:* REGELSON'S COLD CHECKERS. For a Medicinal Preparation. MORRIS REGELSON, doing business as Regelson's Chemical & Pharmaceutical Laboratories, New York, N. Y. Published December 17, 1924.

29,890.—*Title:* ERCO. For Herring. RYDER-TURNER CO., doing business as Erco Fisheries, Eastport, Me. Published October 1, 1925.

29,891.—*Title:* AMERICAN BOY. For Boys' Athletic Underwear. JOHN GEORGE SCHERF, Andalusia, Ala. Published November 1, 1925.

29,892.—*Title:* GRIP HAND SOAP GRIP. For Hand Soap Powder. SMITH & GRAY, Guinda, Calif. Published November 1, 1925.

29,893.—*Title:* VINCO CERTIFIES. For Boiler-Treating Powder. THE VINCO COMPANY, INC., New York, N. Y. Published December 18, 1925.

29,894.—*Title:* MINNESOTA DRY. For Ginger Ale. K. WEIGAND & SONS, Albert Lea, Minn. Published December 28, 1925.

29,895.—*Title:* MRS. WISHARD'S CHEESE KRINKLES, NEW AND TASTY. For a Food Delicacy Known as Cheese Krinkles. FLORENCE MAY WISHARD, Estes Park and Denver, Colo. Published September 21, 1925.

29,896.—*Title:* YOUNG'S HOTEL BILTMORE COFFEE. For Prepared Coffee. YOUNG'S MARKET COMPANY, Los Angeles, Calif. Published December 21, 1925.

PRINTS

REGISTERED FEBRUARY 2, 1926.

8,534.—*Title:* ATLAS CERTIFICATE BREW. For Malt Beverages. ATLAS BREWING COMPANY, Chicago, Ill. Published December 1, 1925.

8,535.—*Title:* YES, BANANAS THE BODY BUILDER. For Bananas. BAUERLEIN, INCORPORATED, New Orleans, La. Published October 1, 1925.

8,536.—*Title:* YOU DON'T OFTEN FIND A FOOD SO THOROUGHLY SAFEGUARDED. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published December 26, 1925.

8,537.—*Title:* WHAT A GREAT UNIVERSITY HAS FOUND OUT ABOUT YOUR CHILD. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published December 18, 1925.

8,538.—*Title:* FIT-FAST RUBBER SOLES. For Rubber Soles. DURABLE RUBBER CORPORATION, Detroit, Mich. Published January 2, 1926.

8,539.—*Title:* ENCHANTMENT. For Edison Mazda LAMPS. EDISON LAMP WORKS OF GENERAL ELECTRIC COMPANY, Harrison, N. J. Published July 22, 1925.

8,540.—*Title:* HANDY CRAFT, THE MAGICAL TOY FOR BOYS. For Mechanical Toy Construction Units. THE HART & COOLEY COMPANY, New Britain, Conn. Published October 5, 1925.

8,541.—*Title:* LEMON JELL-O WITH TEA. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published October 1, 1925.

8,542.—*Title:* GIRO RASPBERRY JELL-O. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published October 1, 1925.

8,543.—*Title:* NO DOUBT YOU DO SERVE ORANGE JELL-O. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published October 1, 1925.

8,544.—*Title:* LINN BALL RASPBERRY JELL-O. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published October 1, 1925.

8,545.—*Title:* JACK AND THE BEAN STALK. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published September 1, 1925.

8,546.—*Title:* GIRO 1925 CHERRY JELL-O. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published September 15, 1925.

8,547.—*Title:* GIRO INDIVIDUAL DESSERTS. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published September 5, 1925.

8,548.—*Title:* MARION POWER'S NEAPOLITAN JELL-O. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published September 1, 1925.

8,549.—*Title:* 98 OUT OF EVERY 100 WOMEN ARE BENEFITED. For Vegetable Compound. LYDIA E. PINKHAM MEDICINE CO., Lynn, Mass. Published November 10, 1925.

8,550.—*Title:* THE BEST MEDICINE FOR WOMAN'S ILLS. For Vegetable Compound. LYDIA E. PINKHAM MEDICINE CO., Lynn, Mass. Published November 10, 1925.

8,551.—*Title:* HEALTHY MOTHERS STRONG BABIES. For Vegetable Compound. LYDIA E. PINKHAM MEDICINE CO., Lynn, Mass. Published November 10, 1925.

8,552.—*Title:* THE OLD FOLKS' ADVICE. For Vegetable Compound. LYDIA E. PINKHAM MEDICINE CO., Lynn, Mass. Published November 10, 1925.

8,553.—*Title:* MOTHERS OF HEALTHY CHILDREN. For Vegetable Compound. LYDIA E. PINKHAM MEDICINE CO., Lynn, Mass. Published November 10, 1925.

8,554.—*Title:* "I KNOW IT HELPED ME." For Vegetable Compound. LYDIA E. PINKHAM MEDICINE CO., Lynn, Mass. Published November 10, 1925.

8,555.—*Title:* MONARCH. For Groceries. REID, MURDOCH & CO., Chicago, Ill. Published December 17, 1925.

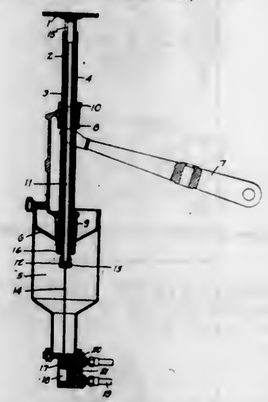
8,556.—*Title:* BLUE RIBBON. For Pure Pork Sausage. ROCHESTER PACKING CO., INC., Rochester, N. Y. Published Mar. 4, 1925.

8,557.—*Title:* KIKI VIALS. For Perfumes. VENUS PERFUME COMPANY, INC., New York, N. Y. Published September 24, 1924.

REISSUES

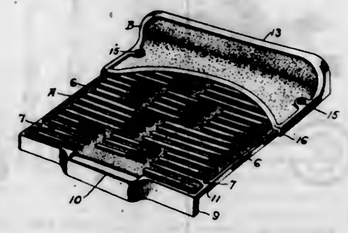
FEBRUARY 2, 1926.

16,257. CLUTCH AND BRAKE CONTROL ON ROAD VEHICLES. JOHN GODFREY PARRY THOMAS, Preston, England, assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Apr. 12, 1924. Serial No. 706,198. Original No. 1,441,545, dated Jan. 9, 1923, Serial No. 417,859, filed Oct. 19, 1920. 23 Claims. (Cl. 303—62.)



1. In a motor road vehicle having an internal combustion engine the combination with a control lever, of a cylinder and piston adapted to operate said lever, a control device operable by the driver, a connection between said cylinder and the suction pipe of the engine, and a valve connecting said cylinder with the atmosphere depending on the positions of both said lever and said control device.

16,258. ADJUSTABLE STEP FOR AUTOMOBILE RUNNING BOARDS. JOSEPH DISCH and JOHN G. FRESE, St. Louis, Mo., assignors to L. J. Comstock, Oakland, Calif. Filed May 25, 1925. Serial No. 32,853. Original No. 1,457,152, dated May 29, 1923, Serial No. 564,024, filed May 27, 1922. 6 Claims. (Cl. 280—169.)



1. A step of the character described comprising an ornamental foot plate having a front contacting flange, a scraper formed by said flange, said plate attached to the running board and a toe section slidably mounted on said plate and brought in contact with the body of the machine, thereby taking the full depth of the running board, substantially as specified.

DESIGNS

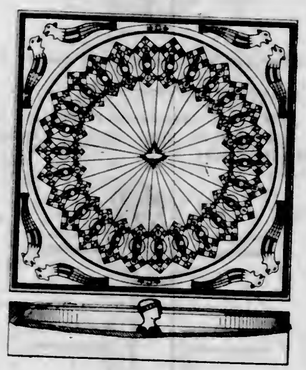
FEBRUARY 2, 1926.

69,341. BOX TOP. WILLIAM ATTAWAY, Spartanburg, S. C., assignor to Dixie Cake Company, Inc., Spartanburg, S. C., a Corporation of South Carolina. Filed Oct. 19, 1925. Serial No. 15,166. Term of patent 14 years.



The ornamental design for a box top, as shown.

69,342. GAME BOARD. TORGER A. BAKKETUN, Northwood, Iowa. Filed Nov. 7, 1925. Serial No. 15,381. Term of patent 7 years.



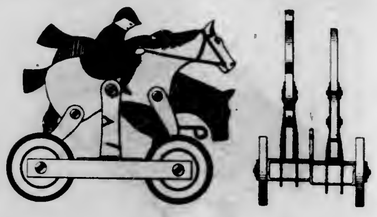
The ornamental design for a game board substantially as shown.

69,343. STONE SETTING. ISADORE BEHRSTOCK, Los Angeles, Calif. Filed May 13, 1925. Serial No. 13,421. Term of patent 14 years.



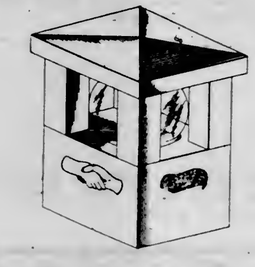
The ornamental design for a stone setting, as shown.

69,344. PONY AND RIDER TOY. WILLIAM D. BLUDWORTH, Sacramento, Calif. Filed May 27, 1925. Serial No. 13,577. Term of patent 3½ years.



The ornamental design for a pony and rider toy, as shown.

69,345. GRAVE MARKER. JAMES W. CLAXTON, Abilene, Tex. Filed Nov. 28, 1925. Serial No. 15,574. Term of patent 3½ years.



The ornamental design for a grave marker as shown.

69,346. STICKPIN. NEHEMIAH P. CORNEY, Montville, N. J. Filed Nov. 30, 1925. Serial No. 15,585. Term of patent 3½ years.



The ornamental design for a stickpin, as shown.

69,347. LIGHTING FIXTURE. STANLEY CZAPEK, Detroit, Mich., assignor to Radiant Specialty Co., a Corporation of Michigan. Filed Nov. 20, 1925. Serial No. 15,483. Term of patent 3½ years.



The ornamental design for a lighting fixture, as shown.

69,348. WALL PLATE FOR LIGHTING FIXTURES. JACK FRANZINO, New York, N. Y. Filed July 21, 1925. Serial No. 14,159. Term of patent 3½ years.



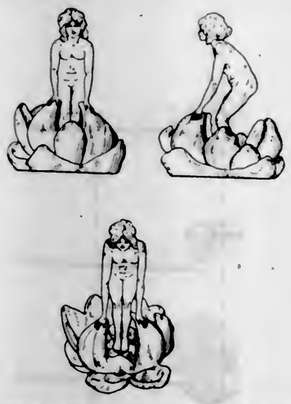
The ornamental design for a wall plate for lighting fixtures, as shown.

69,349. WALL PLATE FOR LIGHTING FIXTURES. JACK FRANZINO, New York, N. Y. Filed July 21, 1925. Serial No. 14,160. Term of patent 3½ years.



The ornamental design for a wall plate for lighting fixtures as shown.

69,350. STATUETTE. EMANUEL FREUND, New York, N. Y. Filed Nov. 28, 1925. Serial No. 15,566. Term of patent 3½ years.



The ornamental design for a statuette, as shown.

69,351. FINGER RING. HERMAN W. A. GOETZKE, North St. Paul, Minn. Filed Sept. 28, 1925. Serial No. 14,932. Term of patent 14 years.



The ornamental design for a finger ring, as shown.

69,352. JAR. GEORGE JAMES, London, England, assignor to Crosse & Blackwell Limited, London, England. Filed Sept. 28, 1925. Serial No. 14,935. Term of patent 14 years.



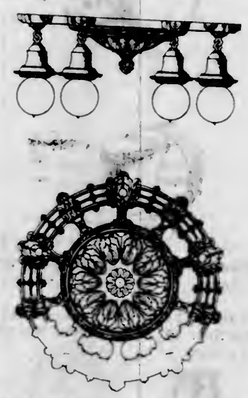
The ornamental design for a jar as shown.

69,353. BOTTLE. WILLIAM R. JOHNSON and FRANK P. JOHNSON, Rochester, N. Y., assignors to F. E. Reed Glass Company, Rochester, N. Y., a Corporation of New York. Filed Oct. 1, 1925. Serial No. 14,988. Term of patent 14 years.



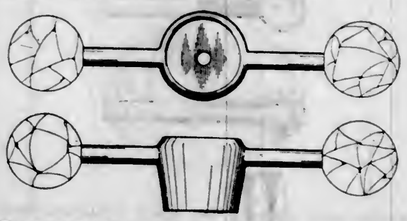
The ornamental design for a bottle, as shown.

69,354. BODY FOR LIGHTING FIXTURES. MAX KLEIN, New York, N. Y., assignor to Shapiro & Aronson, Inc., New York, N. Y., a Corporation of New York. Filed Sept. 2, 1924. Serial No. 10,656. Term of patent 3½ years.



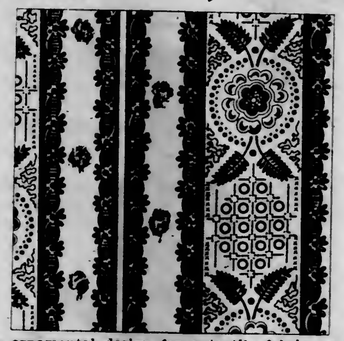
The ornamental design for a body for lighting fixtures, as shown.

69,355. RADIATOR CAP. JOHN J. KORAN, Oklahoma City, Okla. Filed Nov. 2, 1925. Serial No. 15,328. Term of patent 7 years.



The ornamental design for the radiator cap, as shown.

69,356. TEXTILE FABRIC. WILLIAM C. KORZINEK, Cliffside Park, N. J., assignor to Golding Bros. Company, New York, N. Y., a Corporation of New York. Filed Dec. 11, 1925. Serial No. 15,716. Term of patent 3½ years.



The ornamental design for a textile fabric, as shown.

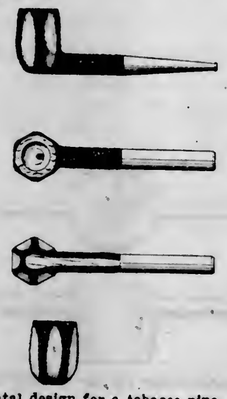
69,357. LOCOMOTIVE HEADLIGHT. NILS D. LEVIN, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, Columbus, Ohio, a Corporation of Ohio. Filed June 8, 1923. Serial No. 6,446. Term of patent 14 years.





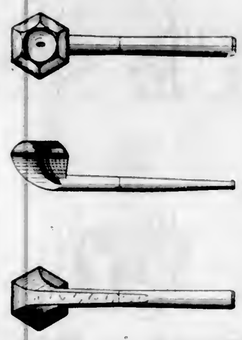
The ornamental design for a locomotive headlight substantially as shown.

69,358. TOBACCO PIPE. ALFRED ORLIK, New York, N. Y. Filed Nov. 10, 1925. Serial No. 15,396. Term of patent 3½ years.



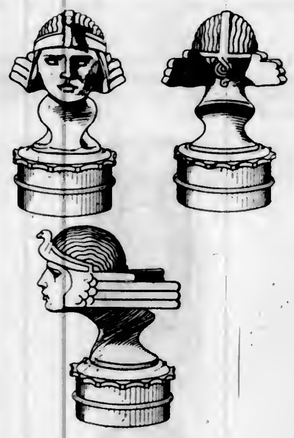
The ornamental design for a tobacco pipe, as shown.

69,359. TOBACCO PIPE. ALFRED ORLIK, New York, N. Y. Filed Nov. 21, 1925. Serial No. 15,488. Term of patent 3½ years.



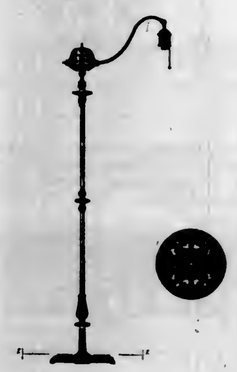
The ornamental design for a tobacco pipe, as shown.

69,360. RADIATOR CAP. AURELIUS MARCUS RENZETTI and DEE CARLTON BROWN, Philadelphia, Pa., assignors to Stutz Motor Car Company of America, Inc., Indianapolis, Ind., a Corporation of New York. Filed Nov. 14, 1925. Serial No. 15,422. Term of patent 7 years.



The ornamental design for a radiator cap, as shown.

69,361. LAMP. VICTOR K. SAMUELSON and THEODORE J. NELSON, Chicago, Ill. Filed June 8, 1925. Serial No. 13,708. Term of patent 7 years.



The ornamental design for a lamp as shown and described.

69,362. LAMP. VICTOR K. SAMUELSON and THEODORE J. NELSON, Chicago, Ill. Filed June 8, 1925. Serial No. 13,709. Term of patent 7 years.



The ornamental design for a lamp as shown and described.

69,363. FINGER RING OR ARTICLE OF SIMILAR NATURE. CHARLES SCHERER, Long Island, N. Y., assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y., a Corporation of New York. Filed Dec. 10, 1925. Serial No. 15,707. Term of patent 3½ years.



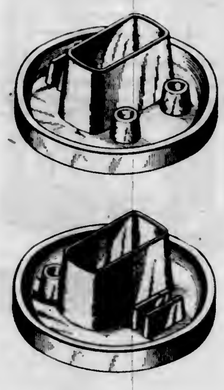
The ornamental design for a finger ring or article of similar nature as shown.

69,364. FINGER RING OR ARTICLE OF SIMILAR NATURE. CHARLES SCHERER, Long Island, N. Y., assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y., a Corporation of New York. Filed Dec. 10, 1925. Serial No. 15,708. Term of patent 3½ years.



The ornamental design for a finger ring or article of similar nature as shown.

69,365. SMOKER'S SET. EDWIN E. SLICK, Pittsburgh, Pa. Filed Nov. 28, 1925. Serial No. 15,570. Term of patent 14 years.



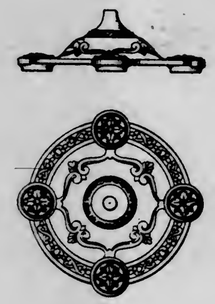
The ornamental design for a smoker's set, substantially as shown.

69,366. RIBBON. WILLIAM B. TERRY, New York, N. Y., assignor to Julius Kayser & Co., New York, N. Y., a Corporation of New York. Filed Oct. 4, 1924. Serial No. 10,968. Term of patent 7 years.



The ornamental design for ribbon, as shown.

69,367. BASE FOR PORTABLE ELECTRIC LAMPS. GUSTAVE E. VILLARET, Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y., a Copartnership. Filed Apr. 14, 1925. Serial No. 11,113. Term of patent 7 years.



The ornamental design for a base for portable electric lamps, as shown.

69,368. ARM FOR BRIDGE LAMPS. GUSTAVE E. VILLARET, Leonia, N. J., assignor to William R. Noe & Sons, New York, N. N. Y., a Copartnership. Filed Apr. 14, 1925. Serial No. 13,114. Term of patent 7 years.



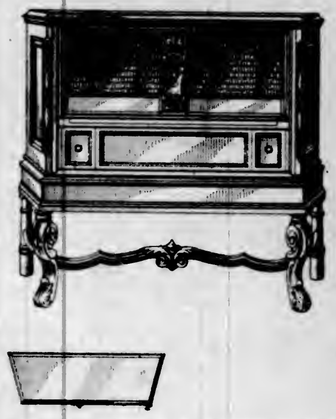
The ornamental design for an arm for bridge lamps, as shown.

69,369. ARM FOR BRIDGE LAMPS. GUSTAVE E. VILLARET, Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y., a Copartnership. Filed Apr. 14, 1925. Serial No. 13,115. Term of patent 7 years.



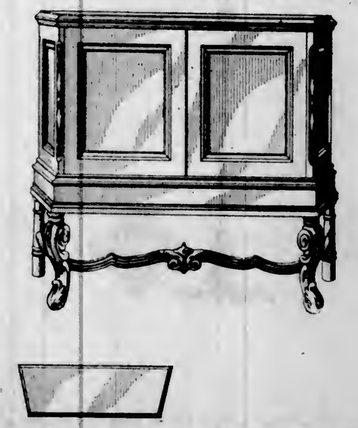
The ornamental design for an arm for bridge lamps, as shown.

69,370. RADIOCABINET. EVERETT WORTHINGTON, Chicago, Ill., assignor to Zenith Radio Corporation, Chicago, Ill., a Corporation of Illinois. Filed Dec. 7, 1925. Serial No. 15,654. Term of patent 14 years.



The ornamental design for a radiocabinet, as shown.

69,371. RADIOCABINET. EVERETT WORTHINGTON, Chicago, Ill., assignor to Zenith Radio Corporation, Chicago, Ill., a Corporation of Illinois. Filed Dec. 7, 1925. Serial No. 15,655. Term of patent 14 years.



The ornamental design for a radiocabinet, as shown.

69,372. RADIOCABINET. EVERETT WORTHINGTON, Chicago, Ill., assignor to Zenith Radio Corporation, Chicago, Ill., a Corporation of Illinois. Filed Dec. 7, 1925. Serial No. 15,656. Term of patent 14 years.



The ornamental design for a radiocabinet, as shown

69,373. RADIOCABINET. EVERETT WORTHINGTON, Chicago, Ill., assignor to Zenith Radio Corporation, Chicago, Ill., a Corporation of Illinois. Filed Dec. 7, 1925. Serial No. 15,657. Term of patent 14 years.



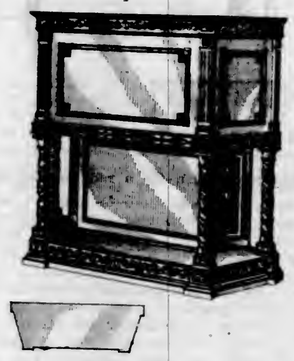
The ornamental design for a radiocabinet, as shown.

69,374. RADIOCABINET. EVERETT WORTHINGTON, Chicago, Ill., assignor to Zenith Radio Corporation, Chicago, Ill., a Corporation of Illinois. Filed Dec. 7, 1925. Serial No. 15,658. Term of patent 14 years.



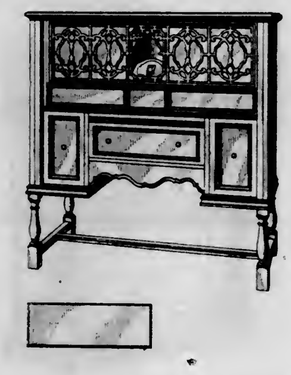
The ornamental design for a radiocabinet, as shown.

69,375. RADIOCABINET. EVERETT WORTHINGTON, Chicago, Ill., assignor to Zenith Radio Corporation, Chicago, Ill., a Corporation of Illinois. Filed Dec. 7, 1925. Serial No. 15,659. Term of patent 14 years.



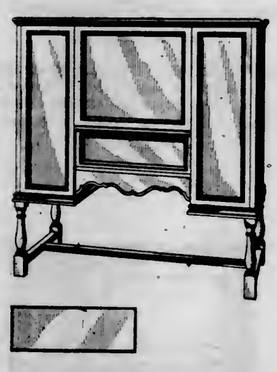
The ornamental design for a radiocabinet, as shown.

69,376. RADIOCABINET. EVERETT WORTHINGTON, Chicago, Ill., assignor to Zenith Radio Corporation, Chicago, Ill., a Corporation of Illinois. Filed Dec. 7, 1925. Serial No. 15,660. Term of patent 14 years.



The ornamental design for a radiocabinet, as shown.

69,377. RADIOCABINET. EVERETT WORTHINGTON, Chicago, Ill., assignor to Zenith Radio Corporation, Chicago, Ill., a Corporation of Illinois. Filed Dec. 7, 1925. Serial No. 15,661. Term of patent 14 years.



The ornamental design for a radiocabinet, as shown.

69,378. RADIOCABINET. EVERETT WORTHINGTON, Chicago, Ill., assignor to Zenith Radio Corporation, Chicago, Ill., a Corporation of Illinois. Filed Dec. 7, 1925. Serial No. 15,662. Term of patent 14 years.



The ornamental design for a radiocabinet, as shown.

69,379. RADIOCABINET. EVERETT WORTHINGTON, Chicago, Ill., assignor to Zenith Radio Corporation, Chicago, Ill., a Corporation of Illinois. Filed Dec. 7, 1925. Serial No. 15,663. Term of patent 14 years.

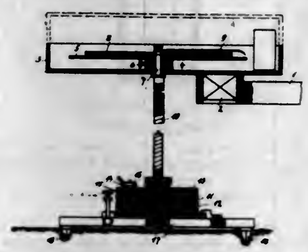


The ornamental design for a radiocabinet, as shown.

PATENTS

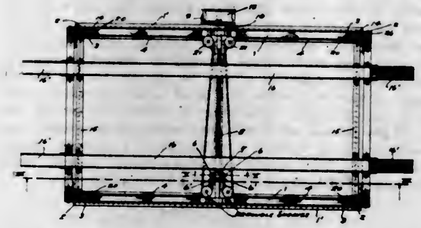
GRANTED FEBRUARY 2, 1926.

1,571,177. DEVICE FOR THE ADJUSTMENT OF THE SIDE ANGLE OF SIGHTING INSTRUMENTS. ALFRED JOHANN AUSPITZER, Munich, Germany. Filed Mar. 25, 1921. Serial No. 455,565. 17 Claims. (Cl. 33—72.)



2. In a device for side-angle adjustment the combination with a rotatable graduated disk, a pointer coacting therewith, an earth anchorage and a flexible shaft carrying said pointer and secured to said earth anchorage, of a level, and operative connections between said level and disk including a lever, substantially as described and for the purpose mentioned.

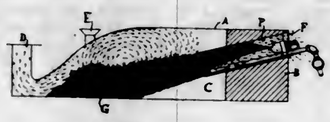
1,571,178. AUTOMOBILE HOIST. JOHN P. DONOVAN, San Francisco, Calif. Filed Dec. 9, 1924. Serial No. 754,805. 5 Claims. (Cl. 254—144.)



1. An automobile hoist comprising an outer rectangular frame embracing a vertically movable platform frame, said outer frame having an elevated idler wheel at each corner with a rope passing thereover, a screw bar revolvably supported by the outer frame, a traveling nut thereon, and the rope from each corner being guided over idlers to the nut and secured thereto for simultaneously pulling thereby upon turning the screw bar, and a grooved wheel mounted upon the screw bar adapted to receive power from contact with the wheel of an automobile adjacent the hoist.

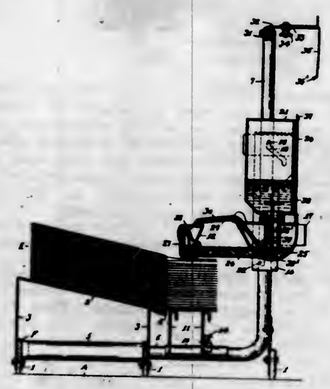
1,571,179. METHOD OF AND APPARATUS FOR CONTROLLING AND DIRECTING BURNING FUEL OR GASES. HENRY ADAMS, Plainfield, N. J. Filed Jan. 23, 1923. Serial No. 614,419. 22 Claims. (Cl. 263—43.)

1. In apparatus for controlling and directing burning fuel or gases, means for projecting burning fuel or gases, and means for projecting substantially in the line of projection of the burning fuel or gases steam or air of greater velocity than the velocity of the burning fuel or gases for drawing along therewith the burning fuel



or gases for controlling the same and after control thereof directing the burning fuel or gases for disposition of the heat thereof.

1,571,180. ENVELOPE AND STAMP MOISTENER. ROBERT ASTLEY, Boston, Mass. Filed Jan. 22, 1923. Serial No. 614,139. 22 Claims. (Cl. 91—47.)



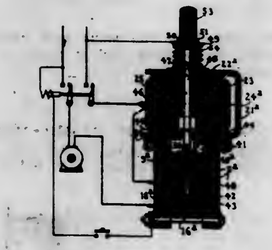
10. In an envelope moistener, means for supporting a stack of envelopes with their flaps in extended position, a flap moistening device operative on top of said flaps so as to be supported thereby, and a tilting gravitating water reservoir mounted upon said flap moistening device to automatically lower as the height of the stack is reduced by withdrawal of the moistened envelopes and automatically tilting to drain the water from the flap moistening device when said device has passed beyond the plane of envelope support.

22. In an envelope and stamp moistener, means for supporting a stack of envelopes with their flaps extended, a gravitating flap moistener having a wick operative on top of said flaps, a tiltable water reservoir mounted to follow the movements of said flap moistener, a cup carried by said reservoir and supplied with water therefrom and supplying said flap moistener wick by capillary action in all vertical positions of the reservoir, said cup adapted to tilt rearwardly to drain the water back into the cup and away from the flap wick when said flap wick has passed the plane of envelope support, and a stamp table carried by said flap moistener and having a wick, one end of which is constantly disposed in said cup.

1,571,181. PROCESS FOR SULPHURIZING ORGANIC COMPOUNDS. FREDERICK WILLIAM ATACK, Manchester, England. Filed Jan. 22, 1923. Serial No. 614,290. 8 Claims. (Cl. 260—19.)

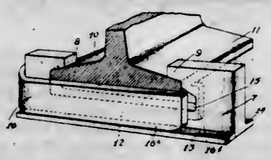
1. The process of treating organic materials sulphurizable at a temperature about the boiling point of normal butyl alcohol which consists in heating the material with a sulphurizing reagent in presence of an inert solvent having a boiling point not far removed from the boiling point of normal butyl alcohol.

1,571,182. PROTECTIVE DEVICE FOR ELECTRIC CIRCUITS. THOMAS E. BARNUM, Wauwatosa, and ERWIN R. STOEKLE, Milwaukee, Wis., assignors to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Feb. 25, 1922. Serial No. 539,117. 13 Claims. (Cl. 200—88.)



1. A protective device for electric circuits comprising relatively movable electrodes, a conductor for connecting the same which is liquid at working temperatures, means subjecting said liquid conductor to a heating effect for interruption of circuit between said electrodes under given conditions and means to automatically effect relative movement of said electrodes for interrupting circuit therebetween under other conditions.

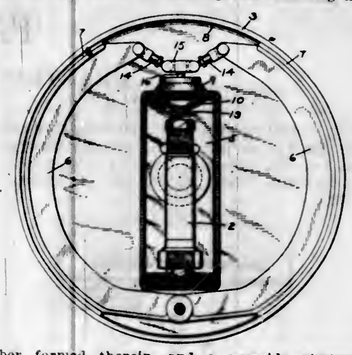
1,571,183. RAIL ANCHOR. ROLANDIS A. BLAIR, Fort Wayne, Ind., assignor to The P & M Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 10, 1925. Serial No. 1,520. 20 Claims. (Cl. 238—324.)



1. A rail anchor comprising a rail base embracing yoke having a subjacent portion normally horizontally disposed with respect to the under face of the rail and a resilient key adapted to be driven transversely of the rail between the under face of the rail base and said subjacent portion of the yoke.

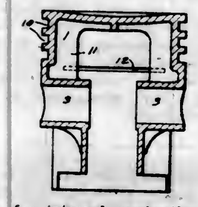
1,571,184. AUTOMOTIVE BRAKE. WILLIAM M. CADY, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Mar. 10, 1924. Serial No. 698,270. 1 Claim. (Cl. 188—152.)

The combination with a brake drum and brake heads mounted in said drum, of a cover plate for said drum having a central depression extending into said drum, one of the side walls of said depression having a brake



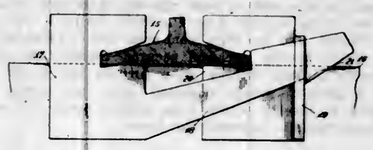
chamber formed therein, and a movable abutment in said chamber operatively connected to said brake heads.

1,571,185. PISTON. JOHN W. COVER and ORRIS F. OLIVER, Seattle, Wash. Filed Apr. 3, 1924. Serial No. 703,853. 5 Claims. (Cl. 74—108.)



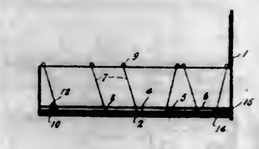
1. A piston for internal combustion engines consisting of a head section, a skirt section and wrist pin bosses formed as an integral casting, the skirt section being peripherally continuous without a slit and having two oppositely positioned slide bearing segments which are separated from direct connection with the head by peripheral segment slits, the wrist pin bosses having direct connection with the head and expansion compensating members consisting of webs connecting the wrist pin bosses with the side edges of the slide segments and each having a component of material width lying in a plane which is substantially parallel with the axis of both the wrist pin and the piston.

1,571,186. RAIL ANCHOR. WILLIAM H. DE BUSK, Chicago, Ill., assignor to The P. & M. Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 14, 1924. Serial No. 749,984. 21 Claims. (Cl. 238—321.)



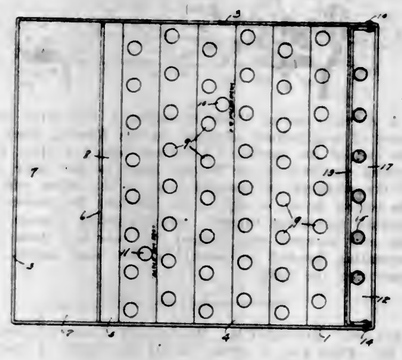
1. A rail anchor comprising a jaw member adapted to have gripping engagement with the flange of a rail, and a second jaw member adapted to have gripping engagement with the flange of the rail at the opposite side thereof, each member being adapted by engagement with the other member to hold such other member in turned position about an axis extending longitudinally of the rail and adapted thereby to hold such other member in operative gripping engagement with the rail.

1,571,187. APPARATUS FOR FILING DOCUMENTS AND THE LIKE. WILLIAM ROBERT MURAD DE WHALLEY, London, England, assignor to Roneo Limited, London, England, a Company of Great Britain. Filed Feb. 26, 1924. Serial No. 695,146. 3 Claims. (Cl. 129—16.)



1. For use with filing cabinets of the type specified, a series of division or spacer members, an adjustable locking stop separate from said spacer members and formed from a strip of metal having flanges adapted to fit in the channel of the drawer, the said strip of metal being bored out centrally and tapped to receive a thumb screw for adjusting the stop in the drawer the said stop being housed within the channel of the drawer so that the flange of the last of the series of division or spacer member abuts against the flanged portions of the stop.

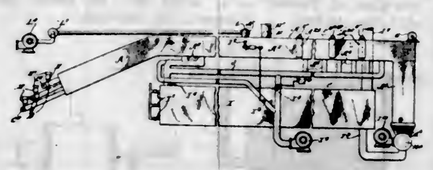
1,571,188. GAME. WILFRID E. DIEGEL, River Rouge, Mich. Filed July 29, 1925. Serial No. 46,742. 3 Claims. (Cl. 273—120.)



1. A game, comprising in combination a box-like structure; a flight of steps arranged within the structure, the said steps having a plurality of marble holes cut in their upper surfaces; a marble ledge extended adjacent the uppermost step; a trip bar pivotally mounted at the forward edge of the marble ledge; a plurality of stop-blocks adapted to fit into the said marble holes of the steps, the said blocks being divided into a plurality of differentiated lots; and a plurality of marbles for positioning back of the said trip bar, and adapted to roll down the said steps and to fall into the said marble holes, when the trip bar is raised.

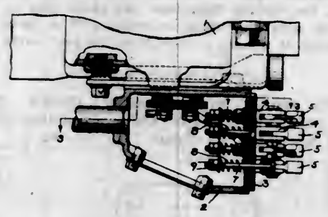
1,571,189. METHOD OF AND APPARATUS FOR DRYING AND CALCINING GYPSUM. CONRAD DRESSLER, New York, N. Y., assignor to American Dressler Tunnel Kilns, Inc., New York, N. Y., a Corporation of New York. Filed Feb. 25, 1920. Serial No. 361,239. 20 Claims. (Cl. 222—6.)

6. Apparatus for heating material comprising a horizontally elongated heating chamber terminating at one end in a depending portion, means for transporting material to be heated through the body portion of said chamber, comprising a plurality of conveyor belts longitudinally disposed in said body portion and arranged one above another and being longitudinally displaced with respect to one another so that at the discharge end



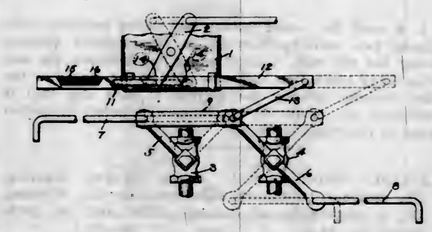
of the chamber each upper belt projects beyond the belt or belts beneath it and so that at their opposite ends each lower belt extends beyond the belt or belts above it.

1,571,190. ELECTRIC TRAIN WIRE COUPLER. CLYDE C. FARMER, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed June 27, 1921. Serial No. 480,706. 7 Claims. (Cl. 173—332.)



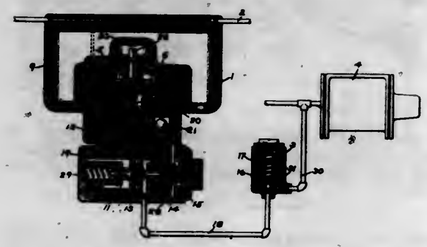
1. In an automatic electric train line coupler for connecting train line circuits between cars of a train, a contact member having a fixed relation to the coupler with respect to relative lateral movement and having a laterally extended contact face for engagement with a corresponding contact face of a contact member of a counter-part coupler to permit relative lateral sliding movement of corresponding contact members and thereby provide for relative lateral movement of the couplers.

1,571,191. INTERLOCKING SWITCH DEVICE. CLYDE C. FARMER, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed June 22, 1923. Serial No. 647,093. 3 Claims. (Cl. 173—332.)



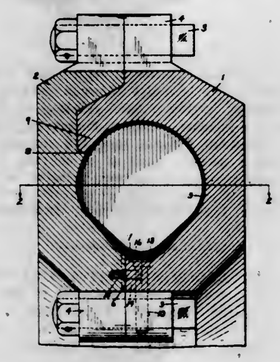
1. The combination with a switch for controlling an electric train line circuit, a casing enclosing said switch, a cock for controlling communication through a fluid pressure train pipe, an interlock member slidably mounted on said casing, a lever for operating said cock, a link pivotally connecting said lever with said member, and a lever for operating said switch and having an inclined face for engaging said member.

1,571,192. FLUID-PRESSURE BRAKE. CLYDE C. FARMER, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Mar. 20, 1925. Serial No. 16,886. 8 Claims. (Cl. 303—82.)



1. In a fluid pressure brake, the combination with a brake pipe and a brake cylinder, of a vent valve device operated upon a sudden reduction in brake pipe pressure for venting fluid from the brake pipe to a pipe connected with the brake cylinder, and a check valve in said pipe at a point remote from the vent valve device.

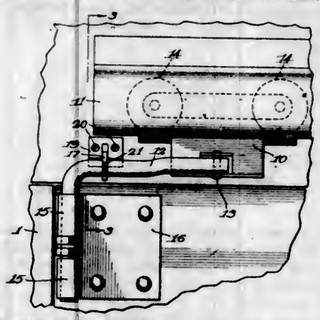
1,571,193. MOLD FOR CURING INNER TUBES. MICHAEL A. FLYNN, Akron, Ohio. Filed June 25, 1925. Serial No. 39,499. 3 Claims. (Cl. 18—42.)



1. A mold for curing inner tubes under pressure, comprising two sections enclosing a substantially circular cavity for the tube, both dividing lines between the sections being located on the same side of the center of the tube, thereby forming one section of such size that it overhangs the cavity at the inner and outer circumferences of the tube.

1,571,194. DOOR CATCH. PETER FRANTZ, Sterling, Ill., assignor to Frantz Manufacturing Co., Sterling, Ill., a Corporation of Illinois. Filed Apr. 20, 1925. Serial No. 24,533. 7 Claims. (Cl. 20—20.)

1. In a swinging and folding door construction, the combination of door sections hinged together, with one section hinged at the side of the doorway, a track over the doorway, a hanger body mounted to travel on said track, a horizontally swinging arm pivoted on said hanger body, means to swivel the outer end portion of said arm on the folding door, and a catch pivotally mounted over the doorway to engage said arm, adapted to be raised by engagement with the inner side of the arm when the door is closed, and adapted to then move downward into latching engagement with the outer side of the arm when the door is closed to hold the arm



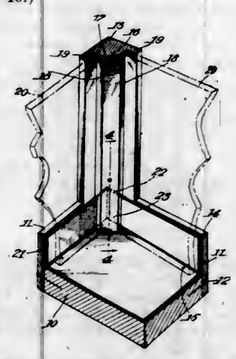
against swinging movement, said catch being also adapted while in latching position and without motion thereof to permit disengagement of said arm endwise therefrom when the door is pushed open.

1,571,195. VALVE-SPRING LIFTER. LEO GAFFNEY, Philadelphia, Pa. Filed Dec. 26, 1923. Serial No. 682,631. 8 Claims. (Cl. 29—86.3.)



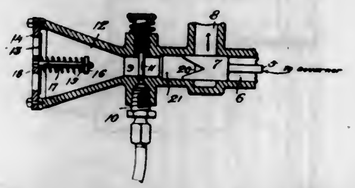
4. A valve-spring lifter including a top lever composed of longitudinal sections; prongs forming jaws on one end of the sections; a bottom lever; a pivot connecting one end of the bottom lever to the other end of the sections; a pronged jaw on the other end of the bottom lever; a clip on the sections for preventing outward movement thereof; means passing through the clip and between the sections for securing them and preventing inward movement thereof, and means for separating the jaws.

1,571,196. AQUARIUM. WLADYSLAW GALANT, Chicago, Ill. Filed Feb. 5, 1925. Serial No. 7,059. 7 Claims. (Cl. 113—49.)



1. An aquarium comprising a base, side ledges on said base, a tray upon said base inclosed within said ledges, corner members, side walls, connecting means between said tray and said corner members, and means for holding said walls in position.

1,571,197. EXPLOSIVE-MIXTURE-SUPPLY CONTROL DEVICE FOR INTERNAL-COMBUSTION ENGINES. MEYER J. GOLDBERG, Muskegon, Mich., assignor, by mesne assignments, to The Maximotor Company, Muskegon Heights, Mich., a Corporation of Michigan. Filed Apr. 2, 1920. Serial No. 370,844. 3 Claims. (Cl. 123—123.)



1. In an apparatus of the character described, a flared nozzle having a passage therethrough in communication with the cylinder of an engine, an air inlet and an oil inlet into said passage, a spring valve on the outer end of said nozzle, and a balanced piston valve actuated according to the speed of the engine for controlling said cylinder communication, said piston valve having a V-shaped recess in its end surface.

1,571,198. INDUCTION ELECTRICITY METER. JESSE HARRIS, La Fayette, Ind., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind., a Corporation of Illinois. Filed Sept. 13, 1924. Serial No. 737,454. 14 Claims. (Cl. 171—264.)

12. An induction electricity meter including a torque producing magnet system having current and pressure windings, and a thermo-motive device responsive to changes in temperature for varying the reluctance encountered by flux set up by said magnet system.

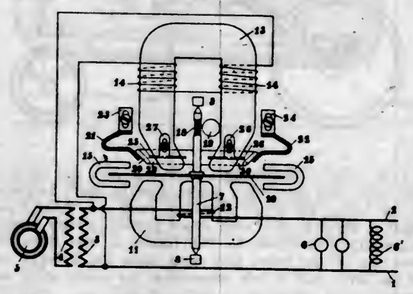
1,571,199. SYNCHRONOUS INDUCTION MOTOR. JESSE HARRIS, La Fayette, Ind., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind., a Corporation of Illinois. Filed Apr. 16, 1925. Serial No. 23,568. 3 Claims. (Cl. 172—275.)

1. A synchronous motor including an armature formed of non-magnetic metal mounted to turn; a field winding having a magnetic core and presenting poles to said armature upon opposite sides of its axis; shading coils disposed about said poles and each extending in the direction of rotation further upon one side of the axis of the associate pole than the other; and a group of magnetizable bodies carried by the armature which has said magnetizable bodies so disposed thereon that the



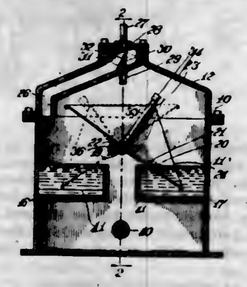
bodies which are nearing and next the poles are at unequal distances from the respective polar axes which they are nearing and next.

1,571,200. INDUCTION ELECTRICITY METER. JESSE HARRIS, La Fayette, Ind., assignor to Duncan Manufacturing Company, La Fayette, Ind., a Corporation of Illinois. Filed May 20, 1925. Serial No. 31,551. 15 Claims. (Cl. 171—309.)



8. An induction electricity meter including a torque producing magnet system having current and pressure windings, and a device responsive to changes in temperature for varying the reluctance encountered by flux set up by said magnet system and serving to reduce the torque effecting flux upon increase in temperature and to increase the torque effecting flux upon reduction in temperature.

1,571,201. LIQUID-SAMPLING APPARATUS. FREDERICK L. JEFFERIES, Riverside, Ill., assignor, by mesne assignments, to International Patents Development Company, a Corporation of Delaware. Filed Sept. 19, 1923. Serial No. 663,720. 11 Claims. (Cl. 73—21.)

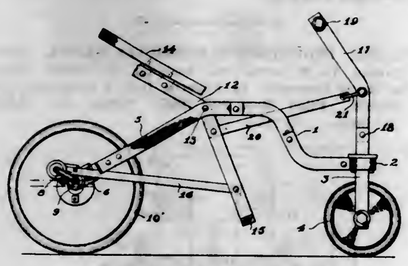


1. Liquid sampling apparatus comprising a substantially vertical fractioning pipe including a sloping member at its upper end slotted to divert a portion of a liquid stream flowing thereover, a tilting structure pivoted beneath said fractioning pipe and having liquid compartments adapted to be filled with liquid alternately so as to overbalance said tilting structure first on one side and then on the other, and a sampling duct on the tilting

structure which cuts the liquid stream from the fractioning pipe and receives a portion thereof at each oscillatory movement of said structure.

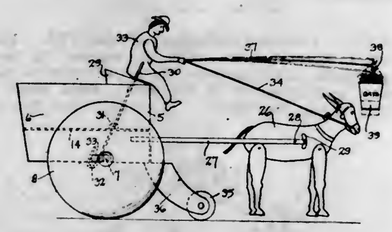
10. In liquid sampling apparatus, a fractioning device comprising a sloping surface upon which a stream of liquid is delivered and which is slotted to divert a portion of said stream, and means for intermittently cutting the diverted stream to intercept minute portions of the same.

1,571,202. VELOCIPEDE. OTTO KARCHER, Canton, Ohio. Filed Oct. 25, 1924. Serial No. 745,802. 6 Claims. (Cl. 208—33.)



1. A vehicle comprising a frame, a fork journaled in the frame and carrying a wheel, a crank shaft journaled in the frame, an off-set portion at each end of the crank shaft, a wheel fixed to each off-set portion, a lever pivoted intermediate its ends to the frame, a seat upon the rear end of the lever, foot rests upon the forward end of the lever and a link connecting the crank shaft and lever.

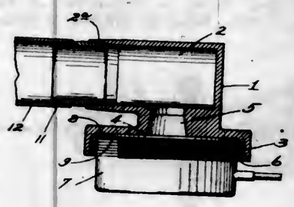
1,571,203. MECHANICAL TOY. LOUIS J. KASS, New York, N. Y., assignor to The Ferdinand Strauss Corporation, New York, N. Y., a Corporation of New York. Filed May 23, 1925. Serial No. 32,258. 2 Claims. (Cl. 46—45.)



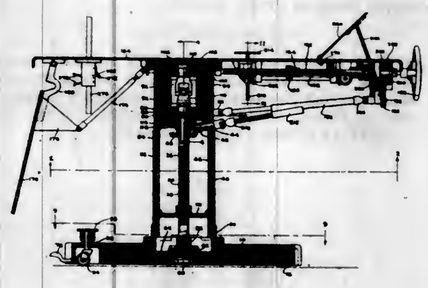
1. A toy comprising a cart member, a figure mounted thereon, an animal figure disposed forwardly of said cart, means for causing forward and rearward movement of said cart, and a pole member extending from the figure on the cart, a container carried on the end of said pole member, said pole member being made of spring material whereby the same will vibrate upon a movement of said cart.

1,571,204. TONE ARM AND WIRELESS HEADPIECE COUPLING. EUGENE J. KIRK and THOMAS D. JONES, Kansas City, Mo., and FRANK B. FISHER, Jr., Kansas City, Kans. Filed Mar. 27, 1922. Serial No. 546,979. 5 Claims. (Cl. 179—100.1.)

1. In a device of the character described, a circular casing, a sound tube rigidly closed at one of its ends and having its other end terminating in an outwardly tapering opening, a neck connecting said casing and sound tube and formed with a passageway communicating substantially coaxially with the casing at one of its ends at its other end intersecting said tube at a point between the ends of such tube.



1,571,205. OPERATING TABLE. ANTOINE A. LAURENT, Minneapolis, Minn. Filed Feb. 7, 1924. Serial No. 691,137. 8 Claims. (Cl. 45—50.)



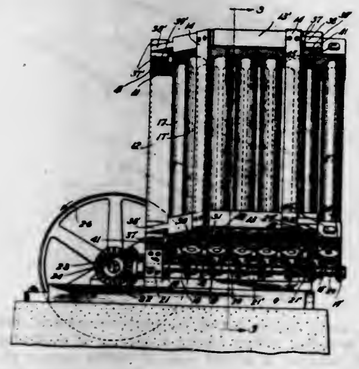
1. An operating table comprising a table top, a base, two juxtaposed wedge-shaped members interposed between said base and tabletop, and means whereby said members may be independently turned to give said tabletop various inclinations in any direction through an entire circumference of 360°.

1,571,206. MACHINE ELEMENT. WILLIAM F. LAUTENSCHLAGER, Cincinnati, Ohio. Filed Dec. 28, 1923. Serial No. 683,095. 8 Claims. (Cl. 74—14.)



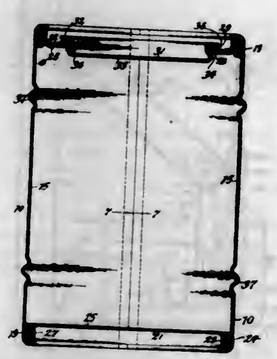
6. In a device of the class described, a frame having an opening therein and thrust receiving members respectively stationary and rotatably attached to said frame at opposite sides of said opening, said members having their bearing surfaces opposingly related and concentric.

1,571,207. SHEET-METAL-STRAIGHTENING MACHINE. GEORGE W. LENZ, Canton, Ohio, assignor to United Alloy Steel Corporation, Canton, Ohio, a Corporation of New York. Filed Jan. 15, 1923. Serial No. 612,746. 3 Claims. (Cl. 153—54.)



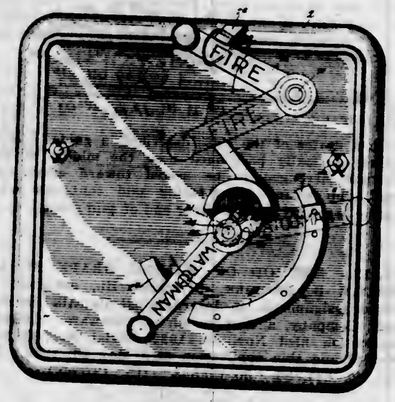
2. A sheet metal straightening machine including two bearing frames, a series of straightening rolls in each frame cooperating one with the other, and a pair of feed rolls in the end of one of the frames, and means for adjusting the other frame with reference to the one frame.

1,571,208. LINED SHEET-METAL BARREL. ADOLPH F. LINDGREN, Buffalo, N. Y. Filed June 13, 1923. Serial No. 645,084. 6 Claims. (Cl. 220—63.)



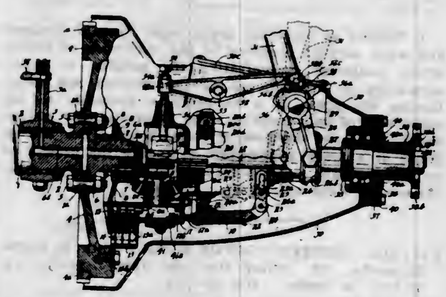
1. A barrel comprising an outer shell of sheet metal having a tubular body and heads arranged at the ends of said body, said body provided at each end with a double fold consisting of a web arranged within the body and connected at its outer edge therewith, and a flange arranged within the web and connected at its inner edge with the corresponding edge of the web but separated therefrom by an intervening outwardly opening channel, and each head having at its margin an inwardly projecting flange which engages with the channel of said double fold, and a protecting lining having a tubular body section arranged within the body of the shell and having parts following the corresponding surface of its double folds, and head sections arranged on the inner side of said shell heads and having parts following the flanges thereof, whereby the edge portions of the lining are clamped between the interlocking parts of said shell body and heads and are held in place thereby.

1,571,209. SIGNAL SERVICE. WALTER S. LUDLOW, Jr., Delhi, Ohio. Filed July 24, 1922. Serial No. 576,946. 18 Claims. (Cl. 177—364.)



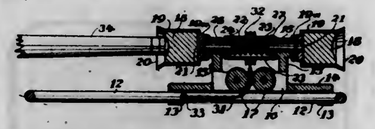
1. An electrical signal transmitting device comprising a clockwork signal-actuating mechanism, and a time-clock mechanism for controlling said clock signal-actuating mechanism, a common power-imparting spring for said mechanisms, and means movable in opposite directions for winding said spring in one direction of rotation, and setting said tie-clock mechanism for actuation at the end of a period of time, and in a reverse direction for releasing said clock signal-actuating mechanism.

1,571,210. MARINE-ENGINE COMBINED REVERSING GEAR AND CLUTCH. JOHN D. MOONEY, St. Paul, Minn. Filed Feb. 7, 1924. Serial No. 691,272. 7 Claims. (Cl. 74—34.)



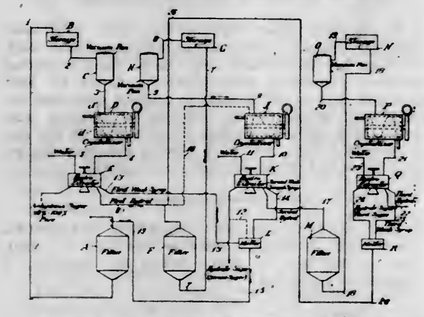
1. A driving mechanism having in combination, a driving member having a gear secured thereto, a driven member having a gear secured thereto, a member co-axial with said members and surrounding the same and circumferentially spaced from said driving member and carrying a plurality of planetary gears meshing with both said gears, a plurality of friction disks between said last mentioned member and said driving member, alternate disks engaging one of said members at their inner edges and the other disks engaging the other member at their outer edges, said disks being slidable axially into contact with said driving member, a brake drum mounted for axial sliding movement on said last mentioned member arranged to press said disks together to connect said last mentioned member and driving member, an annular brake shoe surrounding said drum, means for pressing said shoe against said drum, and means for moving said drum axially.

1,571,211. CUE CHALKER. ANTHONY NELSON, St. Paul, Minn. Filed Nov. 21, 1925. Serial No. 70,543. 9 Claims. (Cl. 273—17.)



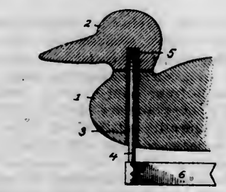
8. In a device of the class described, a guide, a chalk container normally positioned near the middle of said guide and arranged to be moved toward either end thereof, and means for rotating said container when the same is moved toward either end of said guide.

1,571,212. METHOD OF MAKING GRAPE SUGAR. WILLIAM B. NEWKIRK, Riverside, Ill., assignor, by mesne assignments, to International Patents Development Company, a Corporation of Delaware. Original application filed Nov. 16, 1922, Serial No. 601,302. Divided and this application filed May 28, 1923. Serial No. 641,886. 30 Claims. (Cl. 127—9.)



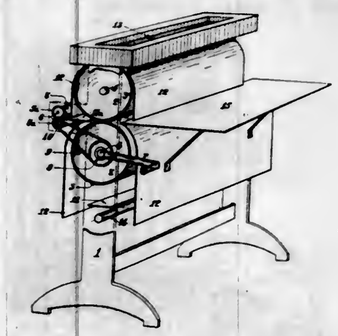
1. Method of obtaining grape sugar from a dextrose and water solution produced by the conversion of starch, which comprises concentrating the solution to supersaturation by heating, cooling the solution and maintaining the same at a temperature favorable to the production of anhydrous crystals, separating the mother liquor from the dextrose crystals, holding the mother liquor at a lower temperature to induce the growth of hydrate crystals, and separating the mother liquor from the second batch of crystals.

1,571,213. HUNTER'S DECOY DUCK. JOHN B. PITTS, Winnetka, Ill. Filed Oct. 30, 1925. Serial No. 65,740. 3 Claims. (Cl. 43—3.)



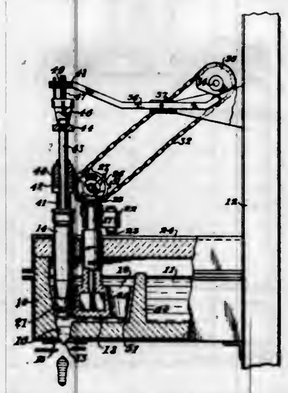
1. A decoy duck of the type described, comprising a body portion, a head portion formed separate from said body portion, a vertical stem passing through said body portion and journalled therein with its upper end fixedly attached to the aforesaid head portion, and a vane attached to the lower end of said stem, to receive the surge or wave of the water in which the decoy is used

1,571,214. APPARATUS FOR DRYING PLATES OF VARIOUS SORTS. FRANK T. POWERS, Douglaston, N. Y. Filed June 29, 1922. Serial No. 571,888. 9 Claims. (Cl. 34—1.)



9. A plate drying device for photo-mechanical process plates including rollers having a surface of water-out absorbent material, a second pair of rollers, means for rotating both pairs of rollers at the same peripheral speed to cause a plate to pass between the two pairs of rollers successively, and means for heating the first mentioned pair of rollers.

1,571,215. GLASS FEEDER. LEONARD D. SOUBIER, Toledo, Ohio, assignor to The Owens Bottle Company, Toledo, Ohio, a Corporation of Ohio. Filed Aug. 27, 1923. Serial No. 659,452. 9 Claims. (Cl. 49—55.)

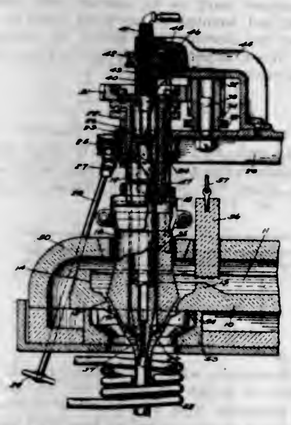


2. The combination of a container for molten glass having an outlet opening in the floor thereof, a vertically reciprocating plunger in line with said opening, and means operable to successively register measured quantities of glass with said outlet opening, said means comprising a horizontally rotatable member having a series of pockets formed therein.

1,571,216. METHOD OF AND APPARATUS FOR FORMING GLASS TUBING. LEONARD D. SOUDIER, Toledo, Ohio, assignor to The Owens Bottle Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 4, 1923. Serial No. 666,428. 18 Claims. (Cl. 49—121.)

1. In a tube forming device, the combination of a container for molten glass having an outlet opening in the

bottom thereof, a forming device projecting vertically downward into the glass and through said opening, and a blow pipe disposed within said forming device and



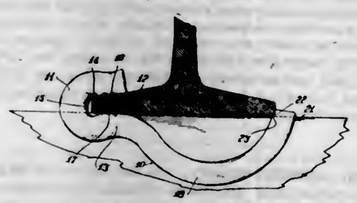
protruding below the forming device in positon to be engaged by the issuing glass and thereby assist in imparting a tubular formation to the glass.

1,571,217. SLICING MACHINE. HENRY THOMAS, London, England, assignor to U. S. Slicing Machine Company, La Porte, Ind., a Corporation of Indiana. Filed Sept. 4, 1924. Serial No. 735,726. 12 Claims. (Cl. 146—102.)



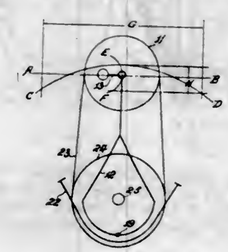
1. In a slicing machine, the combination with a feed table, of a support upon which said table is mounted to slide, a feed screw for moving said feed table upon said support, means connected with said table for engaging said feed screw, and a roller interposed between said table and support at the side of said table opposite said feed screw to prevent swinging of said feed table and consequent binding thereof due to the force exerted by said screw on said table.

1,571,218. RAIL ANCHOR. HAROLD G. WARR, Park Ridge, Ill., assignor to The P & M Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 9, 1925. Serial No. 7,910. 7 Claims. (Cl. 238—330.)



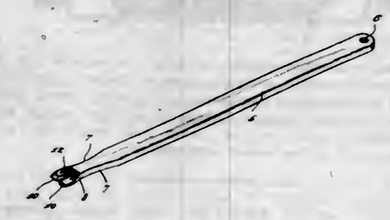
1. A rail anchor comprising means formed with a rail gripping portion adapted to grip the upper and lower surfaces of the base of a rail at one side of the rail, and means extending across the rail base and engaging the other edge of the rail base to hold said gripping portion in positon; said last named means being bent downwardly and upwardly with respect to said rail gripping portion, whereby said upwardly bent end portion thereof snaps into engagement with the rail base when the anchor is applied to its operative position.

1,571,219. SWING GEARING FOR SLUBBING, ROVING, AND LIKE FRAMES. EMILE JOHN WELFFENS, Manchester, England. Filed May 26, 1925. Serial No. 32,886. 2 Claims. (Cl. 118—41.)



1. In swing gearing for slubbing, roving and like frames, the combination of a rail box, a crank shaft mounted for rotation therein, a thrust arm provided with a boss, a crank carried by said shaft and having a crank pin passing through said boss thereby to support the thrust arm, a wheel mounted for rotation on the thrust arm, and a coupling member mounted for rotation independently of said wheel, said crank being provided with passages therethrough for conducting lubricant from the crank shaft bearing to said wheel and coupling member.

1,571,220. CLOTHES STICK. ROY D. WICKERSHAM, Indianapolis, Ind., assignor of one-half to Clyde E. Weddell, Indianapolis, Ind. Filed July 10, 1924. Serial No. 725,097. 1 Claim. (Cl. 68—6.)

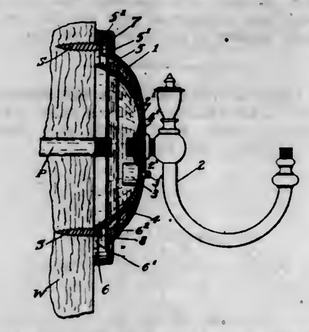


A clothes stick comprising a unitary head and flat handle, chisel-shaped prongs beveled on opposite sides of said handle forming part of said head, and a shoulder above said prongs and constituting a part of said head.

1,571,221. ELECTRIC-LIGHT FIXTURE. FRANK J. WILSON, Arlington, Mass. Filed Nov. 18, 1921. Serial No. 516,237. 2 Claims. (Cl. 240—85.)

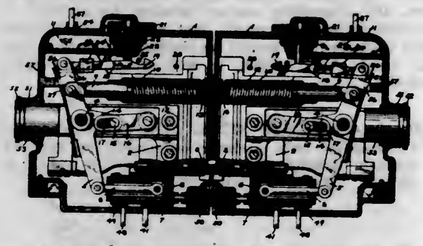
1. An electric light fixture comprising in combination with a domed wall plate having a bracket mounting opening, an attaching member arched to fit within and be concealed by said plate and having an opening alinable with said bracket mounting opening of the plate, said attaching member having an anchoring portion disposed to lie flatly against the wall, an anchoring element fixed to the wall, and detachably engageable with said anchoring portion upon endwise movement of said attaching member along the wall, and a bracket having a mounting

portion insertible through the registering openings of the wall plate and attaching member and itself constituting the sole connection between said parts, and said



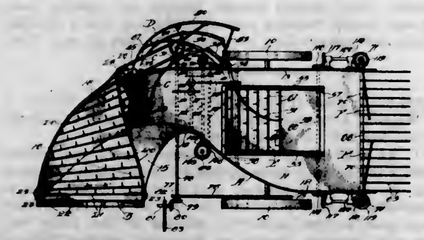
wall plate and arched attaching member being provided with a second set of registering openings through which the push button of a switch lodged between said plate and the wall is exposed for manual operation.

1,571,222. AUTOMATIC CAR, AIR, AND ELECTRIC COUPLER. HARRY F. WOERNLEY, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, a Corporation of Pennsylvania. Filed June 1, 1921. Serial No. 474,061. 16 Claims. (Cl. 173—332.)



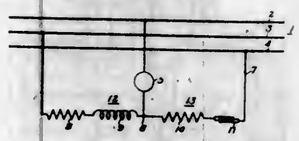
1. In an electric coupler for cars, the combination of a movable member carrying electric contacts, resilient means, a mechanical connection interposed between said means and said member, manually operated means for compressing said resilient means and mechanism for holding said spring under compression.

1,571,223. GRAIN SHOCKER. STIV ZARAN, Chicago, Ill. Filed Sept. 17, 1923. Serial No. 663,072. 6 Claims. (Cl. 56—406.)



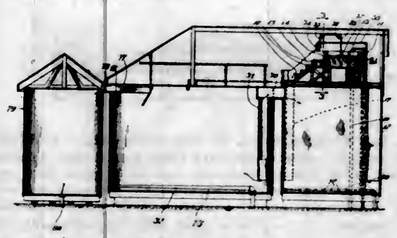
1. In a shocker, the combination of continuously operating means for feeding grain bundles through the machine, means for tying a plurality of bundles into a shock, other means acted upon by the pressure of the grain bundles as the same are advanced by the continuously operating feeding means for causing the tying means to be operated, a second feeding device having a periodic movement such as to operate only after each shock is tied and adapted to move the same to the delivery end of the machine, and means for mechanically moving the shock therefrom onto the ground, substantially as described.

1,571,224. MEASURING DEVICE. CHESTER T. ALLCUTT, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 31, 1920. Serial No. 370,229. 8 Claims. (Cl. 172—245.)



6. The combination with a polyphase circuit and an electro-responsive device, of means for energizing said device in accordance with a symmetrical component of the voltage of the circuit comprising two equal impedances of different phase characteristics connected together and subjected to the voltages of tow separate phases of the circuit, the common point of said impedances being connected to said device.

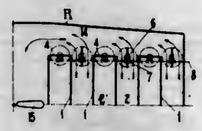
1,571,225. WATER-TREATING SYSTEM. ANDREW W. ANDERSON, Aurora, Ill., and JAY R. HICKOX, Lincoln, Nebr. Filed Sept. 7, 1922. Serial No. 586,554. 18 Claims. (Cl. 210—18.)



1. A system of the character described, comprising a water and treating solution receiving receptacle formed to permit the fluid to flow therefrom by gravity, said receptacle being provided along the path of the outflowing fluid with baffles or weirs whereby a mixing of the water and treating solution is induced, a second receptacle provided with a plurality of compartments having communication with each other alternately at top and bottom whereby the water is given an increased path, a third receptacle, means communicating with the upper end of the final compartment of the second mentioned receptacle whereby the treated water is conveyed to said third receptacle and delivered adjacent the bottom thereof, and means arranged adjacent the upper end of the third receptacle for withdrawing and skimming the water from its upper level.

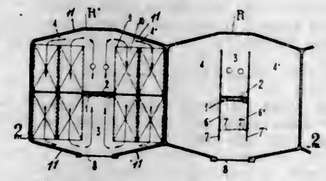
1,571,226. DRYING PLANT. PILADE BARDUCCI, Naples, Italy. Filed Jan. 19, 1920. Serial No. 352,266. 3 Claims. (Cl. 34—19.)

2. In a drier, the combination of a container for the material to be dried divided into separate sections, means outside of said container for producing air currents, and means for distributing the air currents to various sections of said container, said distributing means being adapted to alternately permit said air currents to pass through certain sections and prevent



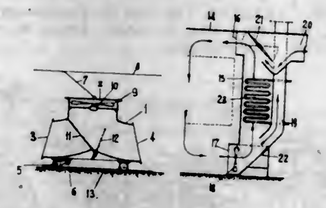
them from passing through the other sections of said container, and means for automatically controlling said distributing means according to a predetermined sequence.

1,571,227. DRYING PLANT. PILADE BARDUCCI, Milan, Italy. Filed Feb. 18, 1922. Serial No. 537,495. 2 Claims. (Cl. 34—19.)



1. In a drying plant, a compartment having walls, a vertical partition in the central portion of the compartment, the partition having at least one opening, an air impelling means with a horizontal axis positioned in each opening, vertical side partitions at the ends of the first named partition and at right angles thereto, the side partitions providing in the room, a central space including the said air impelling means, and two side spaces for receiving material to be dried, and leaving a communication between the central space and the side spaces, at each of their ends.

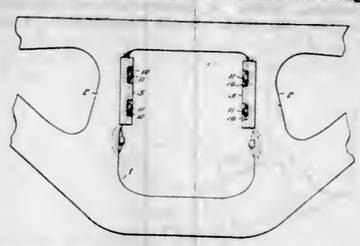
1,571,228. DRYING PLANT. PILADE BARDUCCI, Milan, Italy. Filed Feb. 20, 1922. Serial No. 538,037. 6 Claims. (Cl. 34—19.)



1. In a plant for drying materials, a room intended to contain the material to be dried, means reciprocating in said room and adapted to produce vertical air currents and air streams directed along the path of said means, and means at both ends of said room producing therein air currents directed towards and from said reciprocating means, respectively.

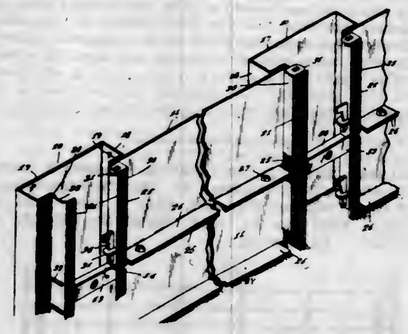
1,571,229. WEAR PLATE FOR CAR-TRUCK SIDE FRAMES. DONALD S. BARROWS, Rochester, N. Y., assignor, by mesne assignments, to The Symington Company, a Corporation of Maryland. Filed Dec. 17, 1923. Serial No. 681,209. 13 Claims. (Cl. 105—207.)

1. A wear plate adapted to be connected to the truck column of a car truck side frame, said plate involving a body web having a wearing surface, flanges extending from said body web and providing side bearing areas adjacent the wearing surface, and attaching pro-



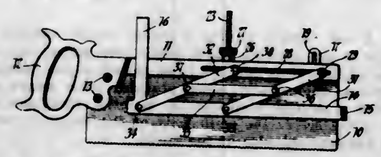
jections extending from the plate, said projections being formed by offsetting adjacent portions of the body web and flanges.

1,571,230. FURNITURE. MARTIN BOHN, Indianapolis, Ind., assignor to The Keyless Lock Company, a Copartnership composed of Arthur Jordan and Arthur F. Baxter, Indianapolis, Ind. Filed Sept. 19, 1924. Serial No. 738,599. 15 Claims. (Cl. 189—34.)



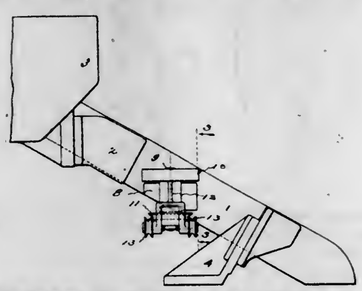
1. A sectional partition, comprising a plurality of vertical pilasters having vertical rabbets at their rear vertical corners, one or more panel sections each extending between adjacent pilasters and seated at the vertical edges in the adjacent rabbets of said pilasters, and locks for securing the panel sections and pilasters together.

1,571,231. SAW GAUGE. HENRY BOLLI, Bronx, N. Y. Filed May 11, 1925. Serial No. 29,324. 2 Claims. (Cl. 145—35.)



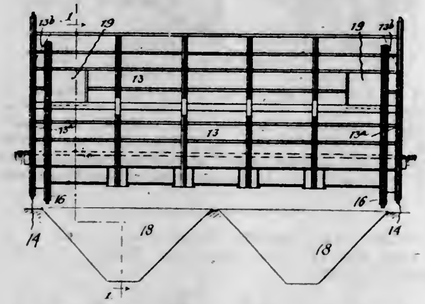
1. A gauge for controlling the depth of saw cuts comprising gauge rods, a system of pivoted arms connected with one of the gauge rods on one side of the saw, and two longitudinally slotted uprights on the other gauge rod on the opposite side of the saw, a socket on said latter gauge rod, a threaded rod adapted to engage with its lower end into said socket, means traveling in the slots of said uprights and adapted to carry locking means for locking the parts in their adjusted positions, and a sleeve having a knurled operating disc for adjusting the parts to the proper distance from the work piece.

1,571,232. MECHANISM FOR FEEDING METAL BLANKS. CHARLES T. BRENNAN, Waterbury, Conn., assignor to The E. J. Manville Machine Company, Waterbury, Conn., a Corporation of Connecticut. Filed Dec. 19, 1924. Serial No. 756,903. 1 Claim. (Cl. 10—165.)



A mechanism for feeding headed metal blanks that have irregular shaped stems, comprising inclined track plates spaced apart to support the blanks by their heads with the stems extending down between the plates, the upper section of the path between the plates being wider than the lower section of the path, and a whirl with its periphery extending into the path adjacent to the point of convergence from the wider to the narrower section, said whirl being adapted to engage and turn the stems of those blanks which arrive at this locality in such positions that they will not enter the narrower section of the path, so that they will enter the narrower section.

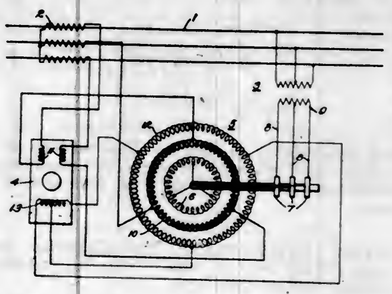
1,571,233. ROTARY CAR DUMPER. ARTHUR F. CASE, Cleveland, Ohio, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 11, 1924. Serial No. 685,504. 6 Claims. (Cl. 214—52.)



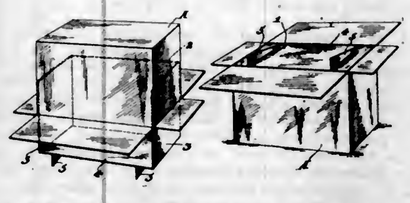
1. A car dumper having a rotary cradle adapted to receive a car, and an apron plate over which the material of the car is adapted to be passed in the dumping operation, said cradle being provided with means for causing a partial discharge of material from the car and cradle before the main body of the material passes over the forward edge of the apron.

1,571,234. VOLT-AMPERE METER. FRANK CONRAD, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 20, 1922. Serial No. 530,572. 10 Claims. (Cl. 171—309.)

10. The combination with a meter including co-operating elements one of which is adapted to be energized in accordance with one quantity of an alternating-current circuit, of a separate single self-contained translating device including only one set of relatively movable inductively related elements automatically relatively adjustable in accordance with changes in another quantity of said circuit, said device being adapted to supply current to another of said meter elements having a definite phase relation to the current in said one meter element.

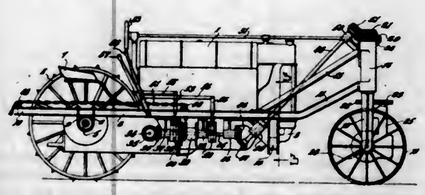


1,571,235. BOX PACKER. BERT W. DEPPA, Lancaster, Ohio. Filed June 12, 1925. Serial No. 36,607. 2 Claims. (Cl. 226—18.)



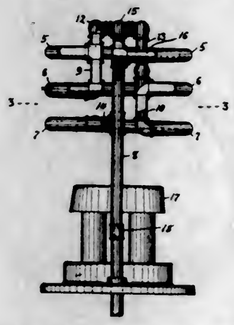
1. A box packer comprising a former having an open front and top and one or more tapered strips secured to the bottom of the former for supporting the same in a backwardly inclined position.

1,571,236. TRACTOR. EDWARD H. DIECKMANN, Florissant, Mo. Filed Dec. 31, 1923. Serial No. 683,698. 3 Claims. (Cl. 180—26.)



1. In combination with a tractor of standard manufacture having a frame, a motor thereon, traction wheels driven by the motor, and an auxiliary power shaft driven by the motor and accessible from the outside of the frame, a chassis comprising a pair of longitudinal side members supported at their rear by the traction wheels and a cross member supporting the forward part of the frame, a steering wheel supporting the forward end of said chassis, connections from said auxiliary shaft adapted to drive said steering wheel, a winding drum connected to be driven by said auxiliary shaft, and a cable passing from said drum rearwardly along said chassis adapted for operating an implement drawn by the tractor.

1,571,237. FUEL-OIL VAPORIZER. EBBETT B. DILL, Fort Wayne, Ind. Filed Apr. 19, 1924. Serial No. 707,592. 3 Claims. (Cl. 158—79.)



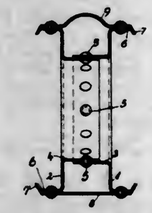
1. In combination with a fuel oil burner, a downflow feed pipe for the burner, a group of ascending pipe coils arranged in a vertical series, the highest end of each of the uppermost coils having an overflow connection with the lowest end of the next succeeding lower coil; an upflow supply pipe having connection with the lowest end of the uppermost coil for supplying fuel oil thereto; and an overflow connection between the highest end of the lowermost coil and the downflow feed pipe.

1,571,238. WOODEN GIRDER. CLAUDIUS DORNIER, Friedrichshafen-on-the-Bodensee, Germany. Filed June 28, 1920. Serial No. 392,556. 3 Claims. (Cl. 20—0.5.) (Granted under the provisions of the act of Mar. 3, 1921, 41 stat. L., 1313.)



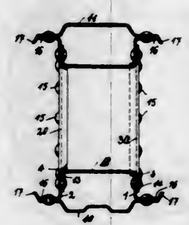
1. A girder comprising in combination, nonmetallic boom members, a longitudinal grooved rib on said members, caps extending along said members and a row of panel rods connecting said members and having their ends inserted in said grooved ribs.

1,571,239. METAL GIRDER FOR LIGHT METAL STRUCTURES. CLAUDIUS DORNIER, Friedrichshafen-on-the-Bodensee, Germany, assignor to the Firm: Dornier Metallbauten Gesellschaft mit beschränkter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Filed Feb. 17, 1923. Serial No. 619,696. 5 Claims. (Cl. 189—37.)



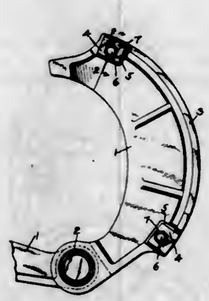
1. A light sheet metal girder comprising two juxtaposed apertured side walls and inwardly directed flanges surrounding the apertures of said wall, said flanges being rigidly connected.

1,571,240. METAL GIRDER. CLAUDIUS DORNIER, Friedrichshafen-on-the-Bodensee, Germany, assignor of one-half to Firm: Dornier Metallbauten Gesellschaft mit beschränkter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Original application filed Feb. 17, 1923, Serial No. 619,696. Divided and this application filed Aug. 17, 1925. Serial No. 50,874. 3 Claims. (Cl. 189—37.)



1. A low weight sheet-metal girder for air craft construction comprising two juxtaposed apertured side walls, inwardly directed flanges adjoining the apertures of said walls and a tubular connecting piece rigidly fixed between the flanges of oppositely disposed apertures.

1,571,241. BRAKE-SHOE CONSTRUCTION. SIDNEY G. DOWN, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Nov. 1, 1923. Serial No. 672,116. 1 Claim. (Cl. 188—242.)

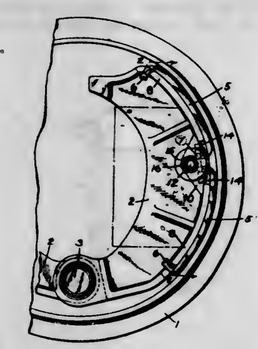


The combination with a brake head having an arcuate face, of a brake shoe comprising a plate formed to engage said arcuate face and having a transverse cut at each end and at one side of the brake shoe, the cut portion being bent inwardly from the edge of the shoe to form a lug in a radial plane at right angles to the axis of the vehicle wheel and means for securing said lugs to said brake head.

1,571,242. BRAKE-SHOE CONSTRUCTION. SIDNEY G. DOWN, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Nov. 1, 1923. Serial No. 672,118. 4 Claims. (Cl. 188—242.)

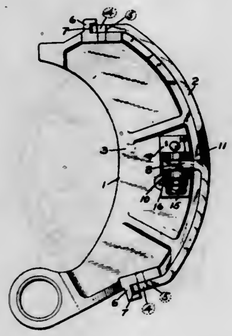
3. The combination with a brake head having an arcuate face for receiving a brake shoe, of a pair of brake

shoes formed to engage said face and each having one end detachably engaging said brake head, a pin associated with said brake head for engaging an aperture



in each of the other ends of the brake shoes, and a wedge for clamping each pin engaging end of the brake shoes to the brake head.

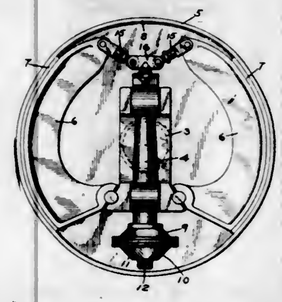
1,571,243. BRAKE-SHOE CONSTRUCTION. SIDNEY G. DOWN, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Nov. 17, 1923. Serial No. 675,281. 1 Claim. (Cl. 188—242.)



The combination with a brake head having a convex arcuate face, of a brake shoe comprising a plate bent to engage said face and having a centrally located inwardly bent lug cut from one side of the plate, a bracket secured to said head and having lugs forming a radially disposed slot for receiving the brake shoe lug, and means for securing said lug to said bracket.

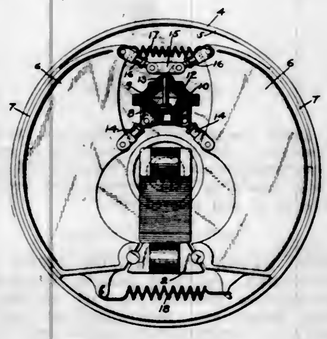
1,571,244. AUTOMOTIVE BRAKE. SIDNEY G. DOWN, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Mar. 11, 1924. Serial No. 698,507. 2 Claims. (Cl. 188—152.)

1. In a vehicle brake, the combination with a front wheel of a motor vehicle, a steering knuckle, and a pintle pin mounted in said knuckle, of a brake drum secured to the front wheel, brake heads mounted in said drum, a fluid pressure brake chamber secured to said



pin, a movable abutment in said chamber, and a rod operable by said abutment and extending through said pintle pin and operatively connected to said brake heads.

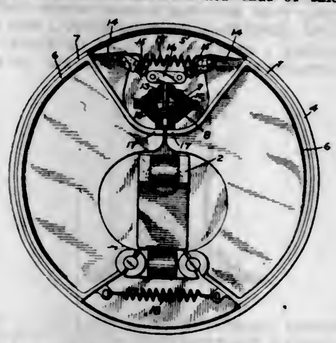
1,571,245. MOTOR-VEHICLE BRAKE. SIDNEY G. DOWN, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Mar. 11, 1924. Serial No. 698,508. 1 Claim. (Cl. 188—152.)



In a vehicle brake, the combination with a brake drum and brake heads mounted in said drum, of a fluid pressure brake chamber comprising a casing, links connecting said casing to said brake heads, a movable abutment in said brake chamber, a push rod operable by said abutment, and links operatively connecting said push rod to said brake heads.

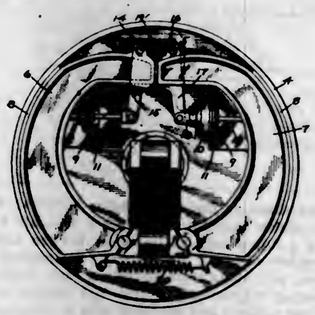
1,571,246. AUTOMOTIVE BRAKE. SIDNEY G. DOWN, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Mar. 11, 1924. Serial No. 698,509. 2 Claims. (Cl. 188—152.)

1. In a vehicle brake, the combination with a brake drum and brake heads mounted in said drum and having the free ends of the brake heads extended, of a brake chamber mounted on the extended ends of said brake



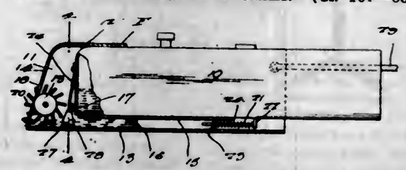
heads, a movable abutment in said chamber, and a push rod operable by said abutment and operatively connected to the free ends of said brake heads.

1,571,247. AUTOMOBILE BRAKE. SIDNEY G. DOWN, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Mar. 11, 1924. Serial No. 698,511. 4 Claims. (Cl. 188—152.)



1. In a vehicle brake, the combination with a brake drum and brake heads mounted in said drum, of a fluid pressure brake chamber carried by each brake head, a lever mounted at the free end of each brake head, and a movable abutment in each brake chamber operatively connected to one of said levers.

1,571,248. TIRE-TREAD ADVERTISING DEVICE. FRIEDRICH EICKHOFF, Rochester, N. Y. Filed June 12, 1925. Serial No. 36,661. 5 Claims. (Cl. 101—351.)



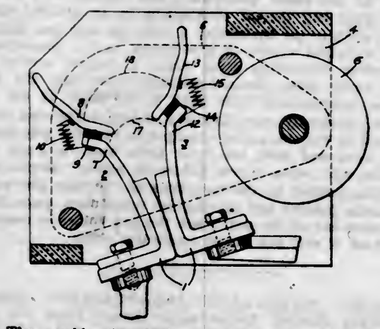
1. A printing-solution applicator comprising a tank, a frame slidable over one end of the tank, said end provided with openings, a rotatable member in the frame, flexible fingers on said rotatable member, said frame having an opening through which the fingers may project to apply the solution to a tire tread.

1,571,249. AUTOMOBILE BUMPER. WILLARD E. ERICSON, Evanston, Ill., assignor to Bidex Products Company, Waukegan, Ill., a Corporation of Delaware. Filed Oct. 31, 1924. Serial No. 746,970. 3 Claims. (Cl. 293—55.)



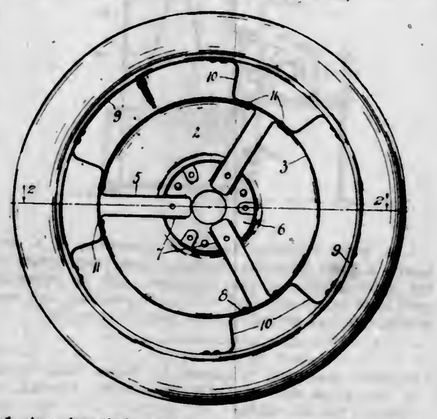
1. A bumper comprising a main impact member consisting of a single bar bent in the form of a flat loop and adapted to be attached to the vehicle frame, and a pair of relatively light auxiliary bars extending above and below the forward portion of said main bar and clamping members at the ends of said auxiliary bars, and engaging said main bar adjacent the ends of said forward portion.

1,571,250. ARC-EXTINGUISHING DEVICE. OTTO H. ESCHHOLZ, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 20, 1922. Serial No. 537,857. 7 Claims. (Cl. 200—146.)



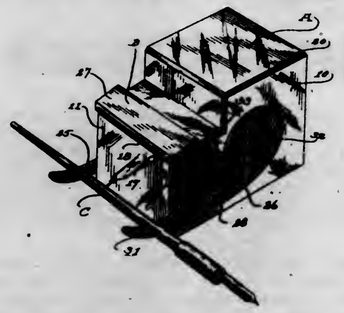
3. The combination with a pair of relatively movable contact members, of arcing horns of a predetermined increasing resistance toward their extremities.

1,571,251. VEHICLE WHEEL. JAMES FREDERICK FAIRLEY, Birmingham, England. Filed Aug. 2, 1923. Serial No. 655,344. 2 Claims. (Cl. 301—64.)



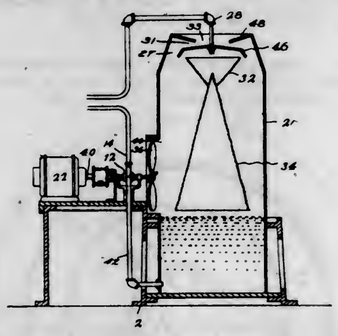
1. A spoke reinforced disc structure for the purpose set forth comprising a disc having a peripheral flange, a nave plate coaxially arranged with respect to said disc, and a series of spokes severally secured at their outer ends to said flange and at their inner ends to said nave plate.

1,571,252. COMBINATION INKWELL AND PENBACK. RAY FAMULENER, Salt Lake City, Utah. Filed Aug. 21, 1922. Serial No. 583,215. 2 Claims. (Cl. 120—5.)



1. An ink stand including a pen dipping well having the upper end thereof terminating in an inclined plane in relation to the horizontal, a cover for said pen dipping well including a pair of side plates, and a transversely extending connecting cover plate, a stopper carried by said cover plate, means rockably connecting the side plates intermediate their ends to the sides of the ink stand, forwardly extending pen holder supporting arms formed on the side plates arranged to rock the side plates and move and hold the cover plate over the open end of the well when a pen holder is placed therein, and weights formed on the rear ends of the side plates for normally holding and moving the cover plate away from the open end of the well when the pen holder is removed from off of said pen holder supporting arms.

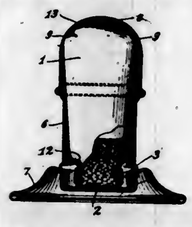
1,571,253. WATER-RECOOLING APPARATUS. GEORGE HENRY FISHER, Leavenworth, Kans. Filed Oct. 18, 1923. Serial No. 669,277. 2 Claims. (Cl. 183—22.)



1. A water recooling apparatus consisting of a container, a short upwardly diverging open mesh screen at the upper portion of said container, and an elongated open mesh screen arranged within the container and projecting into and depending from said short screen.

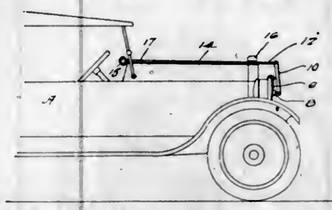
1,571,254. DAUBER. CHARLES B. FOOTE, New York, N. Y. Filed Oct. 29, 1921. Serial No. 511,451. 1 Claim. (Cl. 91—67.4.)

The dauber combination comprising a container for the liquid having a mouth at one end covered by a gauze stretched across it, and a holder to receive said liquid container comprising a base member to maintain the holder upright, a flat floor portion, and supporting walls to support said container upright with its gauze covered mouth resting flat on said floor portion, said supporting walls rising from said base member outside said floor portion and spaced from the gauze covering said mouth and extending a considerable part of the entire length of the container above said holder floor, and the end of



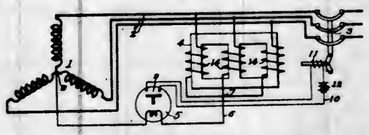
the container opposite its mouth being convex and its largest external transverse dimension being located above the top of said supporting walls when the container rests on its mouth on the holder floor and being greater than the internal transverse dimension between the supporting walls so that the contiuer can not be inserted into the holder with the gauze covered mouth outside the same.

1,571,255. HEADLIGHT-DIMMING MEANS. FRANK L. FOOTE, Boy River, Minn. Filed Aug. 12, 1924. Serial No. 731,582. 1 Claim. (Cl. 240—45.6.)



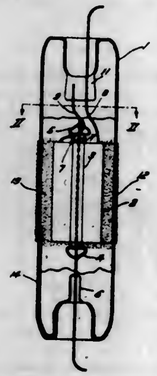
Headlight dimming means for motor vehicles; wherein the motor vehicle includes among other elements a radiator having a filling neck at its upper portion and headlights mounted adjacent the radiator; comprising a pair of dimmers, one hingedly mounted on each headlight, a bar connecting the dimmers, a push rod slidably mounted on the motor vehicle, and provided with a bifurcated end straddling the neck of the radiator, and a pair of links pivotally connected to the extremities of the bifurcated end of the bar, and pivoted to the bar connecting the dimmers.

1,571,256. ELECTRICAL PROTECTIVE DEVICE. CHARLES LE G. FORTESCUE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 9, 1920. Serial No. 402,293. 5 Claims. (Cl. 175—294.)



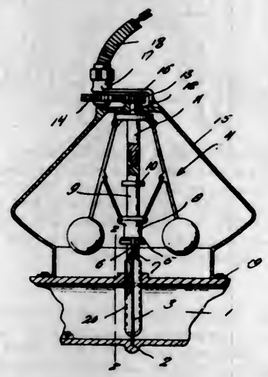
1. In an electric circuit, the combination with a polyphase translating device and a protective device therefor, of a polyphase impedance device connected to the circuit, a circuit between the neutral points of the devices, means whereby the protective device is actuated when current traverses the neutral circuit, and anti-resonance means for precluding the operation of the protective device when currents of a predetermined frequency traverse the neutral circuit.

1,571,257. GRID LEAK. HUBERT M. FREEDMAN, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 18, 1921. Serial No. 498,490. 12 Claims. (Cl. 250—27.)



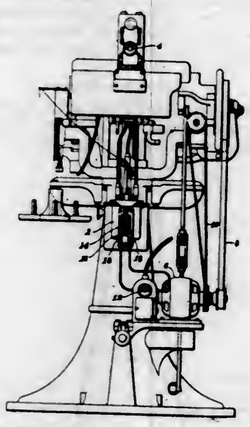
1. An evacuated electric device comprising an enclosing envelope, main electrodes forming a space-current path therein, a grid for controlling said space current and a grid leak contained within said envelope, said grid leak being of a conducting material of such a resistance that the electric flow therethrough is only sufficient to prevent the accumulation of a sufficient charge to interfere with the action of the device.

1,571,258. AUTOMATIC AIR VALVE. FRANK J. FRUNZ and JOHN W. FRUNZ, Patterson Calif. Filed July 22, 1924. Serial No. 727,590. 1 Claim. (Cl. 264—15.)



A device of the class described comprising an intake pipe, a valve arranged transversely in said pipe and adapted for vertical sliding movement, a casing mounted upon said pipe, said casing being provided with a bearing, a centrifugal governor arranged in said casing, the shaft of said governor being journaled for rotation in said bearing, a pinion carried by said shaft, said valve being provided with a central pocket open at its top, the lower end of said shaft telescoping into said pocket and being provided with spaced shoulders, said governor including a sleeve slidable upon the shaft between said shoulders, and a yoke having its arms connected to said valve and provided with a central ring through which said governor sleeve passes.

1,571,259. CONTROLLING MECHANISM. FREDERICK M. FURBER, Revere, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Sept. 8, 1919. Serial No. 322,444. 11 Claims. (Cl. 112—41.)



1. A machine comprising cooperating parts operating when actuated to perform an operation and having a part, the heating of which is a prerequisite to the proper operation of the machine in performing said operation, means for heating said part, actuating mechanism for said cooperating parts, and means for preventing the operative action of the actuated mechanism until the temperature of the heated part is raised to a certain point.

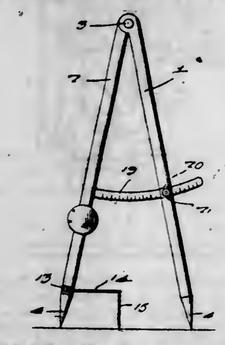
1,571,260. BORING TOOL. EMIL GAIRING, Detroit, Mich. Filed Dec. 6, 1923. Serial No. 678,844. 1 Claim. (Cl. 77—58.)



In a device of the character described, a tool holder provided with a socket hexagonal in cross-section throughout the greater portion of its length and having a short cylindrical portion at its outer end, said socket also having a circumferential groove in its flat inner walls formed by sections varying in depth from the angles of the said walls where the sections of the groove terminate, a nut within the hexagonal portion of the socket, an expansion ring engaging the sections of the groove in the socket and exposed at the angles of the same to overlap the outer corners of the nut and secure the same from dislodgement, a cutter head having a central bore and provided with a shank extending into the hexagonal portion of the socket and conforming to the configuration

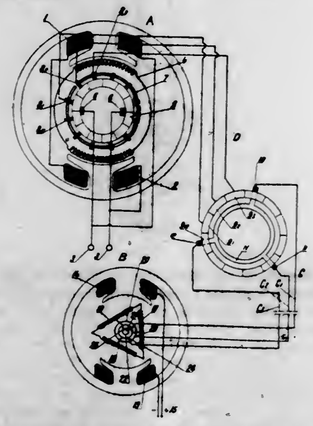
of the same, the said ring being located between the nut and the shank of the cutter and the cutter head having a short cylindrical portion between the hexagonal shank and the head cooperating with the short outer cylindrical portion of the socket whereby precision in centering the cuter head is insured, and a threaded pilot rod having an enlarged head, the threaded portion extending through the cutter head and into said nut, whereby the enlarged head engages the cutter head to hold the same in position.

1,571,261. COMBINED COMPASS AND PROTRACTOR. EARL EDGAR GINTER, Ranshaw, Pa. Filed May 5, 1925. Serial No. 28,135. 4 Claims. (Cl. 33—1.)



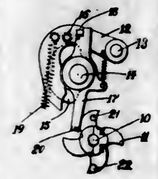
1. A device of the class described including a pair of legs pivoted together, an arm extending from one of the legs, means associated with said arm for engaging one side of an angle, and an indicating mechanism operatively associated with the arm so that when the other leg is engaged with the other side of the angle, said indicating mechanism will be brought into play to indicate the size of said angle.

1,571,262. ELECTRIC DISTANT-CONTROL SYSTEM. ELIE GRANAT, Paris, France, assignor of one-half to Compagnie des Forges et Aciéries de la Marine et d'Homécourt, Paris, France, a French Corporation. Filed May 14, 1924. Serial No. 713,308. 5 Claims. (Cl. 172—237.)



1. An electric distant control system for discontinuous operation comprising an electric D. C. machine having an armature and field piece, a commutator on said armature, a set of m stationary brushes round commutator, a set of m contact segments, wires connecting stationary brushes with corresponding segments, a set of n distributing brushes adapted to move over contact segments, means for controlling same, a synchronous motor, stator and rotor of said motor, a n-phase winding on rotor of motor, line wires connecting distributing brushes to corresponding phases of rotor winding.

1,571,263. TAXIMETER FARE-COUNTER CONTROL. FREDERICK O. GRAY, Dayton, Ohio, assignor to Ohmer Fare Register Company, Dayton, Ohio, a Corporation of New York. Filed May 12, 1923. Serial No. 638,455. 13 Claims. (Cl. 235—80.)

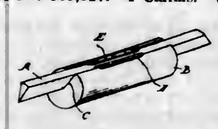


1. In a taximeter, a register operating arm, a device adapted to actuate said arm, a latch retaining said arm inoperative, means for setting said latch in a secondary latching position, and devices for moving said latch from said secondary position to ineffective position.

1,571,264. VEHICLE STABILIZER. RUDOLF GRETSCH, Berlin-Grunewald, Germany, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 23, 1925. Serial No. 64,381. 14 Claims. (Cl. 114—122.)

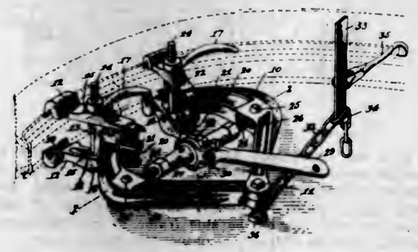
1. The combination with a vehicle exposed to forces tending to rotate the same, of a stabilizer therefor comprising two masses rotating in opposite directions around an axis parallel to the axis of rotation of said forces and means for retarding one of said masses and supplying the energy derived from the retardation to the other of said masses to accelerate the same.

1,571,265. KNIFE-EDGE PIVOT FOR SCALES. CHARLES H. HARTMAN, Louisville, Ky., assignor to Walter F. Stimpson, Louisville, Ky. Filed June 19, 1922. Serial No. 569,317. 4 Claims. (Cl. 308—2.)



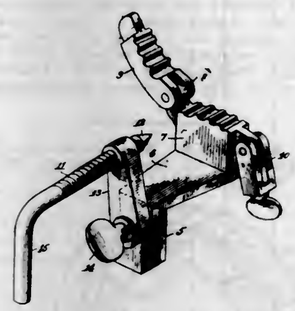
1. An article of manufacture consisting of a knife-edge bearing unit for scales comprising a bar of uniform V-shaped cross section, a body of a different cross-section and lesser length than the bar engaging the central portion having a V-shaped channel for receiving the central portion of said bar, and means for rigidly locking said bar in said recess.

1,571,266. RIM TOOL. FRANK RUSSEL HARTSOCK, Warsaw, Ind., assignor of one-half to Charles O. Dickey and one-third to Leonard E. Dickey, Warsaw, Ind. Filed Mar. 20, 1922. Serial No. 545,071. 6 Claims. (Cl. 157—1.)



1. In a tire-rim tool, a frame composed of a pair of bars movably connected together at one end and each having a rim-gripper at its other end, means for spreading as well as contracting the bars for the purposes set forth, and means adapted to connect the inner end of said frame to an adjacent point on the rim for tilting the frame edgewisely on a fulcrum formed by one of said grippers to thereby swing inwardly one end of the rim.

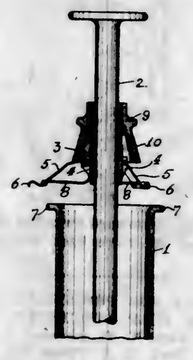
1,571,267. TUBE-FLARING TOOL. FRANK R. HARTSOCK, Warsaw, Ind., assignor of one-third to Charles O. Dickey and one-third to Leonard E. Dickey, both of Warsaw, Ind. Filed Apr. 5, 1924. Serial No. 704,456. 3 Claims. (Cl. 153—79.)



1. In a tool of the class set forth, a supporting base having an upstanding stationary jaw, the upper face of this jaw being curved and provided with a series of semi-circular grooves of various diameters, a movable clamp-jaw provided with a similar set of grooves, a flanged-tool, and a standard for this flaring-tool pivotally mounted on the support to adapt the tool to be centered with respect to any one of the grooves in the clamp.

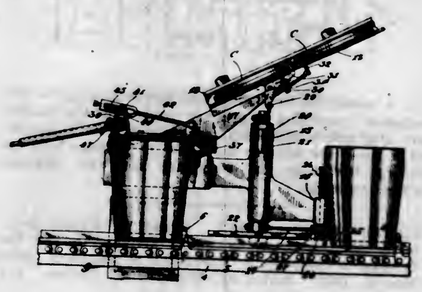
1,571,268. ADJUSTABLE PISTON-ROD CENTERING GUIDE AND COUPLING, ESPECIALLY ADAPTED FOR SYRINGES. GEORGE N. HEIN, San Francisco, Calif. Filed Sept. 21, 1925. Serial No. 57,509. 5 Claims. (Cl. 308—4.)

1. A piston-rod centering guide and coupling comprising a hub member adapted for a linear slidable fit upon said rod; a plurality of coupling arms pivotally carried at one end circumferentially of and by said member, and normally spreading outwardly therefrom, their free ends having means for engaging a barrel; and a clamp member



adjustably linearly fitted to the hub member and adapted to bear upon the coupling arms to contract and hold them to their engagement with the barrel.

1,571,269. PACKAGE-ASSEMBLING MACHINE. MAX JAEGER, Brooklyn, N. Y., assignor to Anchor Cap & Closure Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Apr. 20, 1920. Serial No. 375,240. 42 Claims. (Cl. 226—80.)

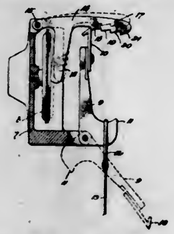


1. In a machine of the class described, in combination, means for advancing vessels continuously past a cap handling device, supply means for guiding caps, a movable cap handling device having a cap receiving postion and a cap applying position, means for retaining the cap handling device stationarily in said positions alternately, a stop for determining the position of a cap on the positioning means, cap feeding means effective upon caps successively to control their movement to the cap handling device, and means for operating the stop to release a cap from the cap handling device.

1,571,270. THERMOSTATIC CONTROL FOR HEATERS. HERBERT G. JENSEN, Detroit, Mich. Filed May 13, 1925. Serial No. 29,963. 4 Claims. (Cl. 126—351.)

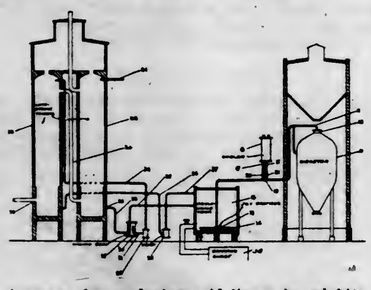
1. In combination with a tank and a heater having a valve, an expansible thermostat arranged on the side of said tank near the top thereof, an upwardly swingable latch member having a downwardly depending arm movable by said thermostat, a downwardly swingable member engaged in an upwardly adjusted position by said

latch member, and releasable therefrom by the raising of said latch member, valve opening means retained in operative position by said member in its raised position



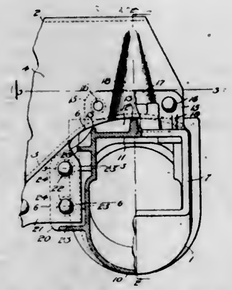
and released by the downward swinging of said member, and means closing the valve upon such release of the opening means.

1,571,271. MEANS FOR PRODUCING ACID LIQUOR IN SULPHITE PULP PROCESSES. JACOB DARRE JENSSEN, New York, N. Y., assignor to G. D. Jenssen Company, New York, N. Y. Filed Feb. 24, 1925. Serial No. 11,338. 6 Claims. (Cl. 23—285.)



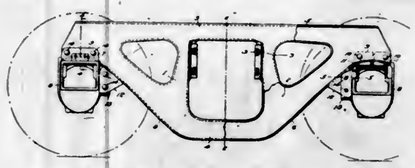
1. A means for producing acid liquor in sulphite pulp processes comprising a primary tower for the preliminary step and a secondary tower for further treatment, and a mixer for heating the liquor in passage from the primary tower to the secondary for the aforesaid further treatment.

1,571,272. JOURNAL BOX. BYRES W. KADEL, Baltimore, Md., assignor, by mesne assignments, to The Symington Company, a Corporation of Maryland. Filed Nov. 5, 1923. Serial No. 672,864. 20 Claims. (Cl. 105—220.)



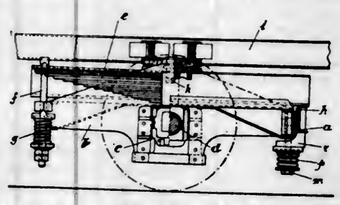
1. A journal box for railway cars, having a crowned top portion adapted to conform to the correspondingly curved portion of a car truck side frame, said top portion including a plurality of intersecting ribs, the upper faces of which are adapted to contact the adjacent curved portion of the side frame.

1,571,273. SIDE FRAME. BYRES W. KADEL, Baltimore, Md., assignor, by mesne assignments, to The Symington Company, a Corporation of Maryland. Filed Dec. 17, 1923. Serial No. 681,202. 18 Claims. (Cl. 105—205.)



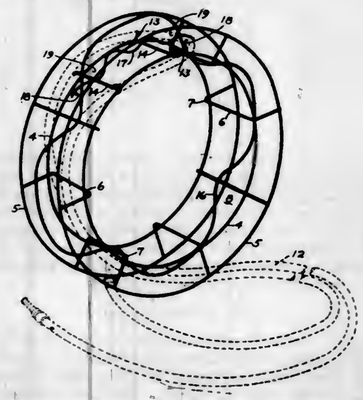
1. A car truck side frame involving a plurality of flanged metal sheets oppositely disposed and arranged in spaced relation to form inner and outer walls, and weld means uniting adjacent flanged portions of said sheets at the ends of the side frame to provide curved bearing surfaces adapted to contact the journal boxes.

1,571,274. BOGIE FOR RAIL AND TRAMWAY CARS. ALPHONSE KAMP, Ostende, Belgium. Filed Apr. 10, 1925. Serial No. 22,087. 3 Claims. (Cl. 105—165.)



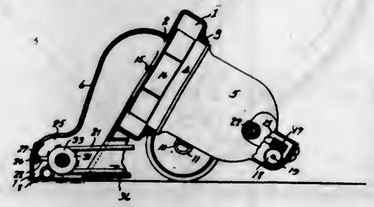
1. In a bogie for rail and tramway cars, the combination of: a main bogie-frame resiliently supported on two wheels and including two transverse members and two side-plates with journal-boxes; a secondary bogie-frame fitted with a housing for a central pivot; and self-reacting means for suspending said secondary frame from the aforesaid main frame, adapted to allow a relative lateral movement of the said two frames; substantially as described.

1,571,275. HOSE RACK. EDGAR A. KELLEY, Berkeley, Calif. Filed Sept. 12, 1924. Serial No. 737,275. 8 Claims. (Cl. 242—86.)



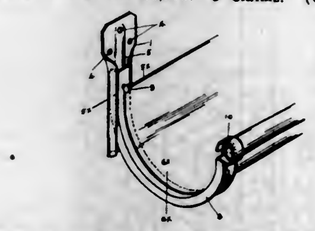
1. In a device of the character described, axially spaced pairs of substantially concentric rings, cross arms connecting said pairs together, and forming therewith an annular hose-receiving groove, and a partition dividing said groove into separate annular-hose-receiving channels and comprising a substantially continuous member passing under and secured to said arms and extending into said groove.

1,571,276. SUCTION CLEANER. JAMES B. KIRBY, Cleveland, Ohio. Filed Jan. 24, 1921. Serial No. 439,386. 10 Claims. (Cl. 15—8.)



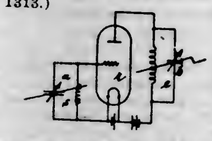
2. In a cleaner for floors and floor coverings, the combination with a collecting nozzle, means for moving the same to and fro over the floor, and a rotary brush located therein, of means for rotating said brush continuously in one direction regardless of the direction of movement of said nozzle over the floor and for automatically raising said brush relatively to said nozzle by an amount proportional to the resistance to rotation encountered by said brush.

1,571,277. EAVES-TROUGH HANGER. ELMER L. KNAB, Rochester, N. Y., assignor, by direct and mesne assignments, to The Knab Corporation, Rochester, N. Y., a Corporation of New York. Filed Mar. 20, 1925. Serial No. 16,975. 3 Claims. (Cl. 108—29.)



1. In an eaves trough hanger, the combination of a bracket having a dovetailed groove at the front thereof, a stiffening rib in the bottom of said groove, depressions in said stiffening rib, a hanger having a straight section with tapering sides adapted to slide in the dovetailed groove in said bracket, a set screw threaded into said hanger and adapted to engage the depressions in said stiffening rib in said bracket and force the tapered sides of said hanger from the inside against the inner side of the dovetailed grooves in said bracket.

1,571,278. CONNECTION FOR PRODUCING OSCILLATIONS WITH VACUUM TUBES. LUDWIG KÜHN, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 26, 1921. Serial No. 495,736. 3 Claims. (Cl. 250—36.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



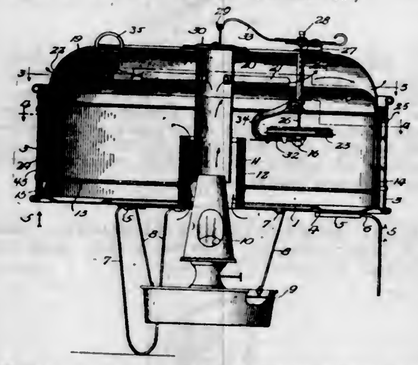
1. In a vacuum-tube device, a tuned plate circuit, a tuned grid circuit, each of said tuned circuits including a variable inductor and a variable capacity and means, including a mechanical connection between said variable reactors, for simultaneously tuning both circuits.

1,571,279. FIGURE TOY. MARGARET S. LAMB, St. Paul, Minn. Filed Apr. 3, 1922. Serial No. 548,895. 6 Claims. (Cl. 46—40.)



2. An animal toy composed of side walls connected together at their marginal portions to form a surrounding flange stiffer than the individual side walls, stuffing between the walls, a normally taut, strain-resisting member between said walls, and appendages connected to the strain-resisting member and projecting outwardly beyond the flange.

1,571,280. INCUBATOR. JACOB T. LANDGRAF, Macomb, Ill., assignor to American Steel Products Co., Macomb, Ill., a Corporation of Illinois. Filed Dec. 24, 1923. Serial No. 682,524. 4 Claims. (Cl. 119—39.)

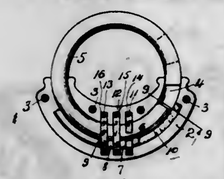


3. In an incubator, a casing having a hatching chamber, a heating chamber above the hatching chamber, a central chimney extending through the heating chamber and into the hatching chamber, heating means in communication with the chimney, and a series of spaced radial flue tubes extending into the chimney and having their outer ends spaced from the sides of the heating chamber, the heating chamber having outlets in its sides arranged at points in alinement with the spaces between the flue tubes.

1,571,281. COMBINATION LOCK. GEORGE E. LA PORT, St. Joseph, Mo. Filed May 29, 1922. Serial No. 564,480. 2 Claims. (Cl. 70—19.)

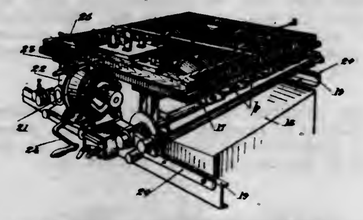
1. In a combination lock, a casing, an arcuate locking bolt having spaced apart ends and a longitudinal row of peripheral teeth and longitudinally movable in

said casing to and from a position in which the ends will be in the locked position in said casing, and tumblers rotatable on said bolt in said casing and held by the latter from longitudinal movement, each tumbler having a notch through which said teeth are adapted to pass, the tumblers, when their notches are not alined with said teeth, engaging the latter to hold the bolt



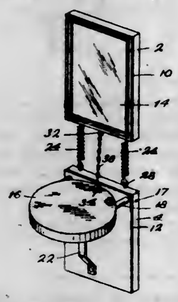
from longitudinal movement, one of said teeth engaging the casing to limit the movement of the bolt to the locking position and in the unlocked position extending through said notches to hold the tumblers from turning, the tumblers and casing having co-operating means, for indicating the positions of said notches with respect to said teeth, substantially as set forth.

1,571,282. APPARATUS FOR DRYING FABRICS OR THE LIKE. PAUL LECULIER, Lyon, France. Filed Feb. 5, 1924. Serial No. 690,857. 4 Claims. (Cl. 34—48.)



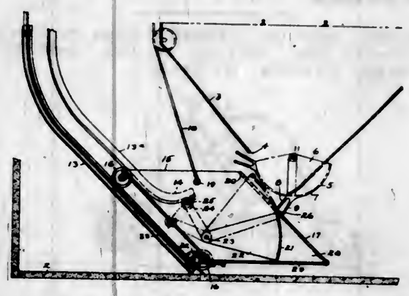
2. Apparatus for drying fabrics comprising a frame, means for supporting said frame means for vertically adjusting said frame, means for securing said frame in the vertically adjusted position, a series of oblong parabolic reflectors within said frame means for suspending said reflectors from said frame, electrically heated elements in said reflectors and means for conveying electric current to said heating elements.

1,571,283. SELF-FASTENING WALL BRACKET. OMER E. LONG, Chicago, Ill. Filed May 4, 1925. Serial No. 27,802. 4 Claims. (Cl. 45—51.)



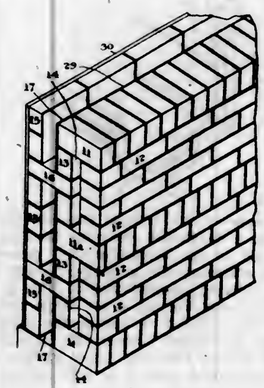
1. A device of the character described consisting of upper and lower rectangular wall members, spurs projecting rearwardly from said members, resilient means connecting said members, and a shelf supported by one of said members.

1,571,284. ELEVATING MECHANISM. LEONARD L. LUDWIG, Delavan, Kans. Filed Jan. 28, 1924. Serial No. 688,921. 9 Claims. (Cl. 214—125.)



5. In a mechanism of the class described, a hopper having a discharge opening, means for controlling said opening, a bucket adapted to be moved under said opening, a feed opening in said bucket, means for controlling said feed opening and means responsive to the movement of the bucket for operating the controlling means for the bucket feed opening and for causing the hopper discharge opening controlling means to operate simultaneously therewith.

1,571,285. BUILDING WALL. JAMES CECIL MCDOUGALL, Montreal, Quebec, Canada. Filed Dec. 1, 1923. Serial No. 677,999. 2 Claims. (Cl. 72—102.)

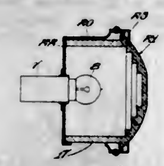


1. A hollow wall constructed of brick comprising three or more parallel brick partitions spaced from one another, vertically spaced bonding courses connecting each pair of adjacent partitions and extending the full length of the latter, the bonding courses of adjacent series being staggered vertically with relation to each other so that no joint between the partitions extends from one side of the wall to the other.

1,571,286. TAIL LIGHT. JOHN V. MACHESKY, Grosse Pointe Park, Mich., assignor to Hudson Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Jan. 8, 1923. Serial No. 611,328. 1 Claim. (Cl. 240—8.3.)

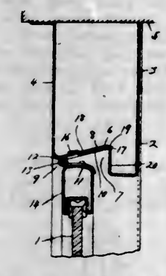
An improved tail lamp comprising a cylindrical shell open at one end and an integral cup-shape glass member

insertable in said shell, the rear portion of said glass member being colored glass and the barrel portion white



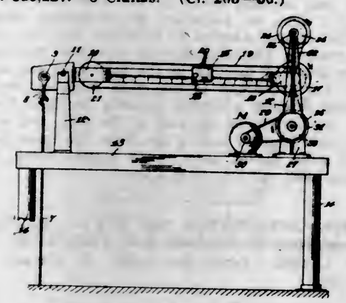
glass, and a circumferential flange on said glass member adapted to engage the edge of the shell at its open end to make a tight joint therewith.

1,571,287. HINGE FOR WINDSHIELDS. WILLIAM MARSHALL, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Sept. 2, 1924. Serial No. 735,459. 8 Claims. (Cl. 296—92.)



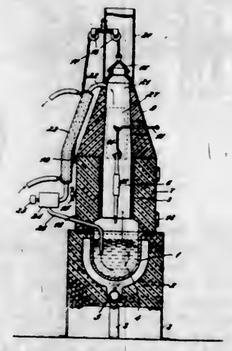
1. The combination with a windshield, and a hinge secured thereto, of a metallic windshield header extending over said windshield having openings therein, means for supporting said windshield from said header including tongues struck-out from said hinge engaging certain of said openings, and lugs projecting from said hinge engaging other of said openings.

1,571,288. WEIGHING MECHANISM. HERBERT L. MERRICK, Passaic, N. J. Filed Nov. 15, 1921. Serial No. 515,227. 6 Claims. (Cl. 265—56.)



1. In a weighing mechanism, the combination with a weighing beam arranged to support a load therefrom, of a poise weight movable upon the beam; a friction wheel carried by the beam to rotate on an axis extending transversely of the beam; means to operatively connect said wheel with the poise weight to impart movement thereto along the beam through the movement of the wheel; a pair of friction driving wheels rotatably supported to rotate in the same plane as the wheel carried by the beam; means for continuously rotating said driving wheels in opposite direction, said friction wheel being adapted to be brought into contact with one of the driving wheels when the beam is moved to overload position to rotate said friction wheel in one direction to thereby move the poise weight in one direction along the beam, and said frictional wheel being adapted to be brought into frictional engagement with the other driving wheel to move the friction wheel and poise weight in opposite direction when the beam is moved to underload position for the purpose specified.

1,571,289. CASEHARDENING. WILLIAM J. MERTEN, Pittsburgh, Pa. Filed Dec. 2, 1920. Serial No. 427,753. 8 Claims. (Cl. 148—17.)

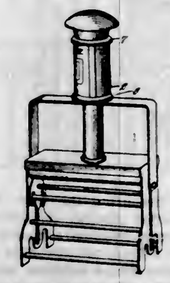


4. A method of case hardening which comprises heating a cyanide to produce cyanogen gases, allowing said gases to come in contact with an article to be treated, and agitating said cyanide by bubbling unabsorbed gases therethrough.

1,571,290. QUENCHING BATH. WILLIAM J. MERTEN, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 4, 1925. Serial No. 28,014. 6 Claims. (Cl. 148—28.)

1. A quenching bath which comprises an aqueous solution of an alkali metal chloride, an alkali metal cyanide and an oxide of an alkaline earth metal.

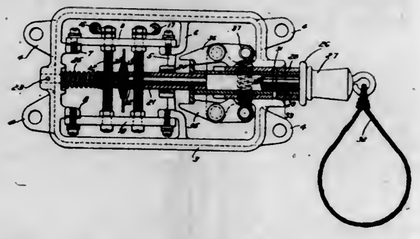
1,571,291. LABEL HOLDER FOR SELF-INKING STAMPS. GUSTAV A. J. MEYER, Chicago, Ill., assignor to Meyer & Wenthe, a Copartnership consisting of Gustav A. J. Meyer and Herman H. Wenthe, Chicago, Ill. Filed July 31, 1925. Serial No. 47,300. 4 Claims. (Cl. 40—21.)



1. A self-inking stamp embodying a handle having a cylindrical portion; a strip imprinted with at least a portion of the die plate and wrapped around the said handle portion, a transparent shield overlapping the

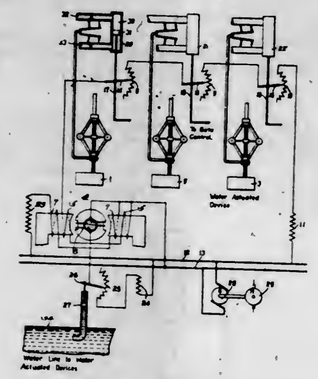
said strip and having its ends adjacent to each other, and means simultaneously securing the said strip and shield to the handle and overlapping the junctures of the ends of the shield.

1,571,292. ELECTRICAL SWITCH FOR CAR DOORS. HARRY R. MEYER and LYNN G. RILEY, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 23, 1921. Serial No. 502,606. 9 Claims. (Cl. 200—16.)



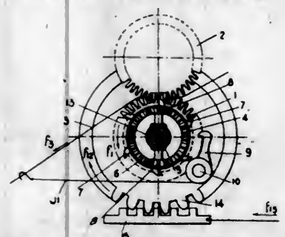
2. An electric switch comprising, in combination, a pair of spaced stationary contact members, a movable contact member, means for normally maintaining the movable contact member in engagement with one of the stationary contact members, means for operating the movable contact member and a movable latch operable by the operating means for releasably maintaining it in neutral position with respect to both of the stationary contact members.

1,571,293. FLOW METER. CHARLES MCL. MOSS, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 19, 1922. Serial No. 562,071. 10 Claims. (Cl. 177—351.)



1. A device for measuring the flow of fluid to a plurality of fluid-actuated devices comprising a single indicating means, electro-responsive means actuated in accordance with the velocity of the fluid to be measured and electro-responsive means actuated in accordance with the summation of the effective gate-opening areas of the devices actuated by the fluid, said electro-responsive means cooperating to actuate said single indicating means.

1,571,294. STOP MECHANISM FOR KNITTING MACHINES. FORTUNATO NEVEUX, Rivoli, Turin, Italy, assignor to O. M. I. M. Officina Meccanica Industria Maglieria, Turin, Italy, a Company. Filed Mar. 9, 1923. Serial No. 624,004. 4 Claims. (Cl. 66—7.)



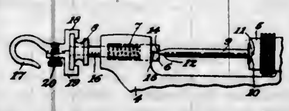
1. In a stop mechanism for knitting machines, a rack, a pinion engaging the rack, a normally stationary shaft carrying said pinion, yarn feeding gears, planetary gearing including crown gears fixed respectively to said shaft and to one of said gears, pinions engaging the crown gears, a ring supporting said pinions, hooks on said ring, a pivoted hook adjacent said ring, and a hook engaging the thread said last-named hook being connected to the pivoted hook to hold the same out of engagement with the hooks on said ring, substantially as set forth.

1,571,295. TENT-SECURING DEVICE. GENTRY DEVAN NEWMAN, Newark, N. J. Filed Aug. 12, 1925. Serial No. 49,812. 3 Claims. (Cl. 135—15.)



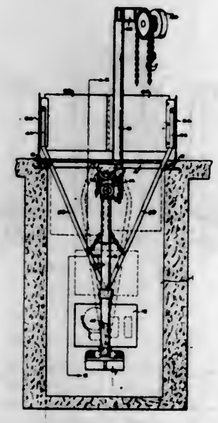
1. A tent securing device of the class described comprising a stake, an anchoring pin depending from the lower end thereof adapted to be driven into the ground, said anchoring pin being adapted to extend through an opening provided therefor in the bottom of the side of a tent, the upper end of the stake being reduced and extending through a similar opening provided therefor in the top portion of the side of the tent, and a plate carried by the upper end of the stake, the inner portion thereof being curved, said curved portion being in engagement with the side of the tent.

1,571,296. ATTACHMENT FOR SEWING MACHINES. PANTELEIMON I. PANKOFF, New York, N. Y. Filed Feb. 7, 1925. Serial No. 7,493. 9 Claims. (Cl. 117—9.)



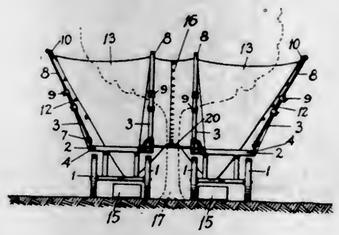
1. In a device of the class described, the combination with a bobbin-holder, of a pin adapted for attachment thereto and rotation thereby, and thread-twisting means fastened to the free end of said bobbin holder and rotatable therewith.

1,571,297. ASH-CAN HOIST. DONALD EVANS PARRISH, Buffalo, N. Y., assignor to Herbert Morris Incorporated, Buffalo, N. Y., a Corporation of New York. Filed Oct. 30, 1924. Serial No. 746,807. 5 Claims. (Cl. 268—3.)



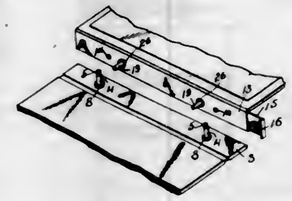
5. In a hoistway closure for ash can hoists, sidewalk doors hinged above the cavity containing the ash can hoist, a stationary mast upon which the hoisting gear is slidably mounted, a sleeve slidable on the mast, door actuating rods depending from the sidewalk doors into the hoistway and having their lower ends pivotally connected to the sleeve, a counterpoise slide, a counterpoise slidable thereon, a pulley, a chain secured at one end to the counterpoise and passing over the pulley, and a pair of short chains, each secured at one end to the end of the counterpoise chain, and its other end secured to a rod intermediately of its length.

1,571,298. PRUNE GATHERER. STEPHEN PAVLOFF, Camas, Wash. Filed Aug. 26, 1922. Serial No. 584,462. 1 Claim. (Cl. 56—329.)



In a prune gatherer, the combination of a canvas hpoper, posts with extension legs supporting the upper edge of the hopper, a frame at the lower ends of the posts, a hinge between said frame and each post, said posts being pivotally connected to the upper half of each hinge, a curved slot in the upper half of each hinge said slot being concentric to the pivotal point between post and hinge, a thumb screw holding the posts to the hinge at the desired position within the slot, and a hand truck to support the frame.

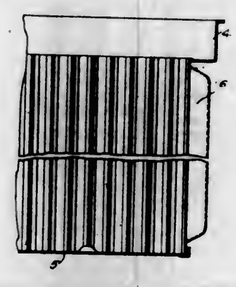
1,571,299. LOOSE-LEAF BINDER AND METHOD OF MAKING PARTS OF SAME. WILLIAM P. PITT, Kansas City, Mo., assignor to Irving-Pitt Manufacturing Company, Kansas City, Mo., a Corporation of Missouri. Filed June 2, 1921. Serial No. 474,426. 3 Claims. (Cl. 129—8.)



1. In a loose leaf binder of the kind described, a leaf-clamping member, a leaf-supporting post fastened at one end thereto and having in the other end a threaded hole, a screw fitted in said hole and having a head, a tubular leaf-clamping member, a leaf-supporting post fastened thereto, and a locking plate slidable in and projecting from one end of said tubular member to afford a finger hold, and having a slot, a portion of which is adapted to receive therethrough said head, the remainder of the slot being narrower than said head and adapted to receive the shank of the screw.

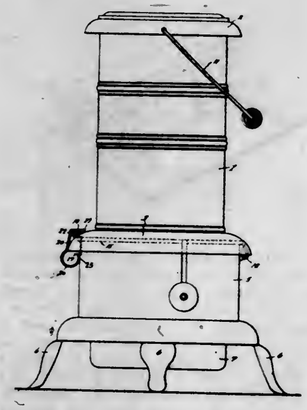
3. The method of attaching a leaf-supporting post to a leaf-clamping plate, consisting in forming in the plate a flaring boss having a hole therethrough, then inserting through the hole a leaf-supporting post having at one end a head and next to the head having a peripheral groove, the width of the groove being substantially the same thickness as the plate, and then flattening said boss so as to cause it to be forced into said groove, and forming in the plate a recess of a depth substantially equal to the thickness of said head with the latter substantially flush with the adjacent side of the clamping plate.

1,571,300. METHOD OF MAKING TRANSFORMER TANKS. EMERSON G. REED, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 30, 1920. Serial No. 434,008. 7 Claims. (Cl. 113—116.)



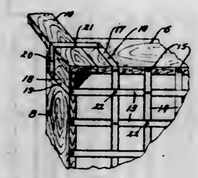
1. The method of making heat-radiating casings which consists of drawing the central portion of a sheet-metal blank to form a pocket, placing a plurality of the members thus formed in side-by-side relation to form a closed figure with the central portion projecting outwardly and then welding adjacent edges of said members.

1,571,301. PORTABLE OIL HEATER. MARC RESEK, East Cleveland, Ohio, assignor to Perfection Stove Company, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 30, 1924. Serial No. 710,014. 23 Claims. (Cl. 126—96.)



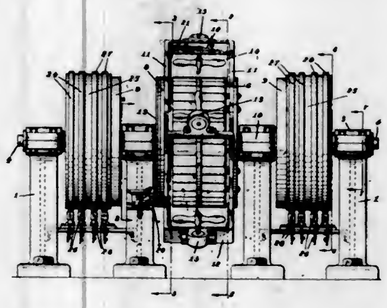
1. In a portable oil heater consisting of a base and a drum surmounting the base and hingedly connected thereto; latch mechanism including an element that is movably carried by the drum and by means of which the drum may be swung with respect to the base, said element being moved with respect to the drum during such operation, and a second latch element wherewith the former element coacts for securing the drum in operative relation to the base, the drum being released when the first-mentioned latch element is moved in one direction with respect to the drum, and being secured in operative relation to the base when said first-mentioned element is moved in a reverse direction with respect to the drum.

1,571,302. FURNITURE CONSTRUCTION. JOHN E. RILLING, Milwaukee, Wis. Filed Nov. 19, 1923. Serial No. 675,618. 4 Claims. (Cl. 155—179.)



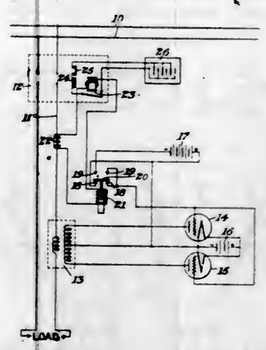
1. In a furniture construction the combination with the bottom frame and leg joints thereof, of a non-yieldable seat foundation and reinforcing structure comprising a plurality of interwoven metallic strips secured to the said frame, certain of said strips being extended and having their ends bent and secured to the sides of said frame, and metallic reinforcing means spanning the leg joints and secured to the bent ends of said extended strips.

1,571,303. DUPLEX AIR ROTOR. ISAAC SCHAFRAN, New York, N. Y., assignor of one-half to Louis Bruger, Montreal, Quebec, Canada. Filed May 15, 1922, Serial No. 561,195. Renewed Nov. 28, 1925. 5 Claims. (Cl. 171—252.)



1. A motive mechanism comprising a movable body, a propeller rotatably supported by said body and adapted to actuate the same, a second movable body disposed in and adapted to be moved by the back stream of the said propeller, and means for combining the energy delivered by the two bodies.

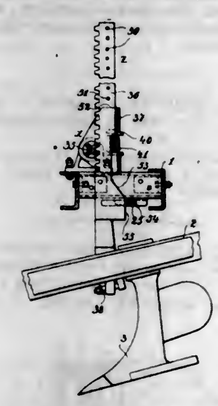
1,571,304. ELECTRICAL SYSTEM. MAURICE L. SINDEBAND and JOSEPH W. MILNOR, New York, N. Y., assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 28, 1923. Serial No. 621,716. 12 Claims. (Cl. 175—294.)



1. The method of controlling an alternating current electric power transmission system which comprises interposing in said system an impedance including a space charge device and varying said space charge device.

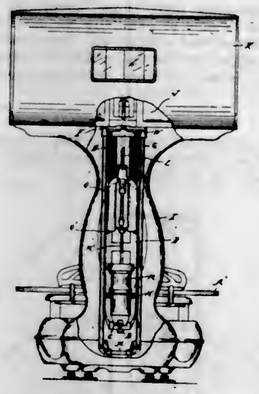
1,571,305. MOTOR PLOW. ROBERT SOHNER, Vienna, Austria. Filed Feb. 27, 1924. Serial No. 695,444. 10 Claims. (Cl. 97—50.)

1. In a motor plow, the combination with a share frame, of means including a toothed member and disengageably operatively connected to the motor for lifting said frame, and means carried by said member for



automatically disengaging said first named means from said motor when the frame has been raised to a predetermined position.

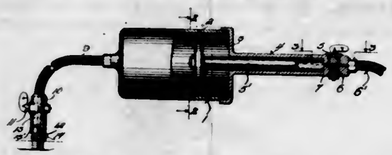
1,571,306. STEELYARD ROD AND SPRING CONNECTION FOR SCALES. WALTER F. STIMPSON, Louisville, Ky. Filed Oct. 3, 1923. Serial No. 666,398. 10 Claims. (Cl. 265—89.)



1. In a scale, the combination with a dash-pot, of a steelyard rod comprising a member having an offset portion to provide clearance for the dash-pot, and a portion on the opposite side of said offset and out of registration therewith for counterbalancing the same.

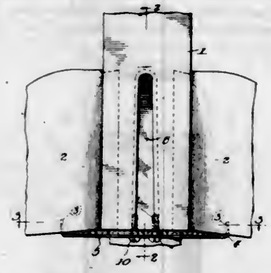
1,571,307. GREASE GUN. CHARLES W. TIKALSKY, Manitowoc, Wis. Filed Jan. 24, 1924. Serial No. 688,248. 1 Claim. (Cl. 221—474.)

A greasing device comprising a cylinder adapted to contain the grease, and having a discharge fitting at one end, and being open at the other end, a cylinder head for closing said open end, said cylinder head and said cylinder having interengaging parts, a piston mounted within said cylinder and having a rearwardly projecting piston rod passing through said cylinder head, said cylinder head having a tubular extension loosely receiving and guiding said piston rod and having a fitting at its outer end, and adapted to be connected to a source of fluid pressure, and a three way valve mounted within the tubular ex-



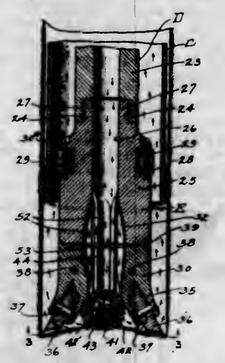
tension of said piston head, and adapted to connect said tubular extension either with said source of fluid pressure or with the external air.

1,571,308. COSTUMER OR COAT HANGER. JENS VAALER, Chicago, Ill., assignor to The Clemetsen Company, Chicago, Ill., a Corporation of Illinois. Filed May 15, 1922. Serial No. 561,170. 8 Claims. (Cl. 45—13.)



1. In a costumer, a standard, legs supporting said standard, said standard having upwardly tapering mortises to cooperate with tenons on said legs, said legs having narrow slots and a plate having upturned ends, said upturned ends adapted to fit into these slots in said legs.

1,571,309. WELL-DRILLING APPARATUS. ORLANDO B. WALL, Wichita, Kans. Filed Mar. 28, 1922. Serial No. 547,445. 5 Claims. (Cl. 255—76.)



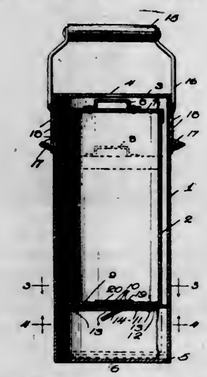
1. A drill bit comprising a head having an axially disposed washing opening therethrough, the lower end of the head having grooves communicating with the opening, and pivoted cutters carried by the head having grooves formed in the inner surfaces for communicating with the first mentioned grooves.

1,571,310. PENETRATOR FOR TESTING PENETRATION HARDNESS. CHARLES H. WILSON, North Pelham, N. Y. Filed Feb. 14, 1924. Serial No. 692,830. 4 Claims. (Cl. 265—12.)



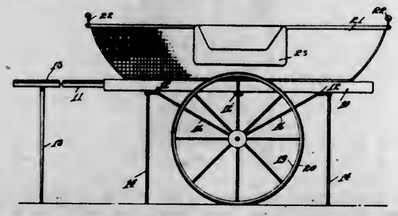
1. A penetrator for testing the penetration hardness of material, said penetrator comprising a spherical segmental penetrating tip with frusto-conical penetrating sides, said sides forming an obtuse angle and meeting the tip tangentially to the spherical surface of the segment, said tip and sides penetrating the surface of the metal whose penetration hardness is being tested.

1,571,311. POWDER DISTRIBUTOR. JOHANNES ANTON WITTJEN, Holly Springs, Miss. Filed Nov. 14, 1924. Serial No. 749,879. 2 Claims. (Cl. 43—147.)



1. A device of the character described comprising a shell and a powder container mounted for reciprocation longitudinally within said shell, a flexible disk secured to the container and having its periphery contacting the inner wall of the shell, and means whereby downward movement of the device will expel powder from the container into the shell, and upward movement expel the powder from the shell.

1,571,312. LAUNDRY DEVICE. ORA B. ANDERSON, Deadwood, S. Dak. Filed Apr. 11, 1924. Serial No. 705,864. 1 Claim. (Cl. 280—53.)

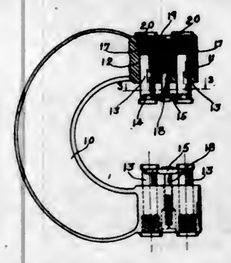


An ironing board stand comprising a pair of parallel channel members, the open sides of the channels being directed toward each other, an ironing board having its longer edges slidable in the channels of said channel members, transversely extending offset spacing bars between the channel members, a running gear including wheels supporting the channel members, and an axle carrying the wheels, and movable supporting legs on the ends of the channels.

1,571,313. INK REMOVER. HERBERT W. BECKER, Milwaukee, Wis. Filed May 13, 1925. Serial No. 30,084. 2 Claims. (Cl. 87—5.)

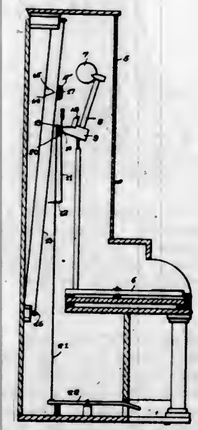
1. An ink remover consisting of 21 parts formic acid; 3 parts glycerine; 1 part sulphuric ether; $\frac{1}{8}$ part bay oil and $\frac{1}{8}$ part cologne.

1,571,314. SNAP LIMIT GAUGE. BRYANT H. BLOOD, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed Apr. 9, 1924. Serial No. 705,262. 4 Claims. (Cl. 33—163.)



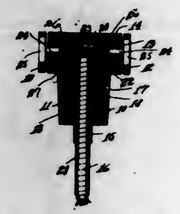
1. An adjustable limit gauge comprising in combination, a frame, a pair of parallelly disposed anvils adjustably mounted at one side of the frame, means to independently adjust the anvils in one direction, and common acting means to force the anvils in the opposite direction.

1,571,315. MUSICAL INSTRUMENT. ALBERT BOOTHE, Colfax, Iowa. Filed Feb. 2, 1924. Serial No. 690,237. 5 Claims. (Cl. 84—234.)



2. In a musical instrument, a hammer pivotally mounted to strike a string and operative to hold the string under pressure, a pendant, means for oscillatably mounting the pendant for movement into and out of engagement with the string, a detent for normally holding the pendant inoperative, mechanical means for moving the pendant holding means, a damper for engaging the strings when released by the hammer, and means carried by the hammer adapted to engage the pendant above its pivot, substantially as described.

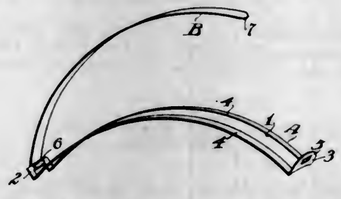
1,571,316. PUSH BUTTON. JOSEPH H. BREMER, Tampa, Fla. Filed June 17, 1924. Serial No. 720,598. 2 Claims. (Cl. 200—159.)



1. A circuit closer comprising a body having intersecting passages, a metallic sleeve in each of the passages and out of contact with the other sleeve, an electric conduit in the sleeve of one of the passages and including a metal sheath in metallic contact with the sleeve and wires therewithin and insulated therefrom, and a slidable metal member in the sleeve of the other passage and in metallic contact therewith said slidable member being movable in to and out of contact with said wires and sheath.

2. A circuit closer including a body having intersecting passages therein, a metallic sleeve within each of the passages and out of contact with the other sleeve, an electric conduit in the sleeve of one passage, means for securing the conduit in contact with the sleeve, the said conduit including a metal sheath and wires therewithin and insulated therefrom, certain ends of the wires extending into the other passage, and a slidable spring pressed contact member in the sleeve of the other passage and movable into contact with the said wire ends and sheath.

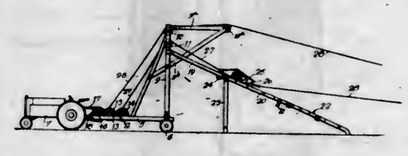
1,571,317. WATER WAVER. JOSEPHINE BRETTSCHNEIDER, St. Paul, Minn. Filed June 26, 1925. Serial No. 39,696. 3 Claims. (Cl. 132—41.)



1. A hair waving device of the character described, comprising a frame having a pair of longitudinally curved side members, upturned end portions extending radially outward from the curvature of said side members, a tongue pivotally connected to one of said up-turned end portions to swing downwardly intermediate said side members in spaced relation therefrom, and fastening means carried by the other of said up-turned end portions to engage the tongue upon being drawn upwardly between the side members to hold a strand of hair looped about said tongue to form a wave therein.

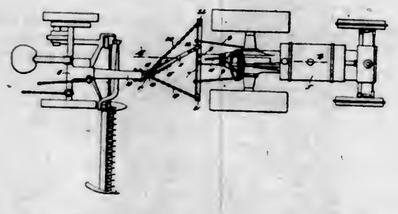
1,571,318. COLLAPSIBLE DERRICK. JOSEPH S. BURNETT, Macon, Ga. Filed July 28, 1925. Serial No. 46,619. 3 Claims. (Cl. 214—105.)

1. A collapsible excavating and dumping apparatus comprising a power-drawn platform or frame; a derrick mounted thereon; an inclined platform adjacent to and lowerable against said derrick; skid-members pivotally connecting the derrick and the upper end of said inclined platform; swinging stanchions secured to and foldable against the last named platform and adapted normally to support the latter in inclined position; a



scraper; hauling and backing cables for alternately moving the scraper in opposite direction and connectible to said inclined platform for raising and lowering the latter; pulleys on said derrick over which the cables are passed; and means on said first named platform by which the cables are controlled.

1,571,319. TRACTOR HITCH. CHARLES F. BYRNE, Janesville, Wis., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed June 6, 1921. Serial No. 475,357. 3 Claims. (Cl. 280—33.44.)



1. A tractor hitch of the class described comprising a transversely extending bar adapted to be secured to a tractor at the rear end thereof; a rigid draw bar the forward end of which is pivotally connected with said transverse bar adjacent the middle thereof; means at the rear end of said bar whereby a connection permitting pivotal movement between the parts connected in a horizontal plane only may be made between said rear end and an implement to be drawn; two tension members the rear ends of which are connected with the rear end of said draw bar, and the forward ends of which are connected with said transverse bar one adjacent each end thereof; and means whereby one only of said tension members is in operation at a time, according to the angular position relative to said transverse bar assumed by said draw bar when the device is in use.

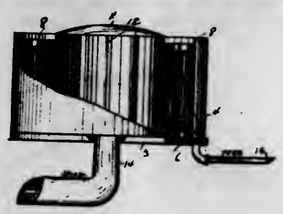
1,571,320. PROCESS OF DYEING CELLULOSE ACETATES. RENÉ CLAVEL, Basel, Switzerland. Filed Oct. 5, 1922. Serial No. 592,602. 6 Claims. (Cl. 8—5.)

1. In a process for dyeing cellulose acetates in artificial silk, film or other form by production of development dyes on the material, applying two of the three dye-forming factors: base, diazotizing means, and developer in one bath and the other factor in another bath, a protective colloid being employed in at least one of said baths.

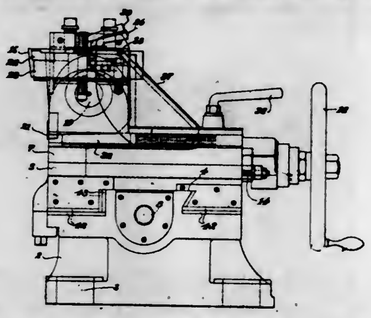
1,571,321. HYDROCARBON GENERATOR. SAMUEL B. CLARK, Harrah, Okla., assignor of one-half to Arthur Waner, Harrah, Okla. Filed Feb. 12, 1925. Serial No. 8,844. 1 Claim. (Cl. 158—92.)

In an oil burner, the combination of a cylindrical oil retaining member having a base, an opening centrally of the base, a drum concentric with said member having

a series of slits therein, means for feeding steam to said drum through said opening, an annular series of air inlet drums surrounding the steam drum, and equidistantly spaced and opening through the base of said oil retaining member, a series of longitudinal air inlets in the sides of the air inlet drums, and means to feed oil to the oil retaining member.

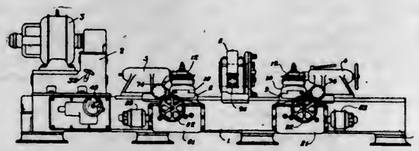


1,571,322. TOOL HOLDER. LYNDON C. COLE, Hamilton, Ohio, assignor to Niles-Bement-Pond Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 2, 1922. Serial No. 598,594. 11 Claims. (Cl. 29—49.)



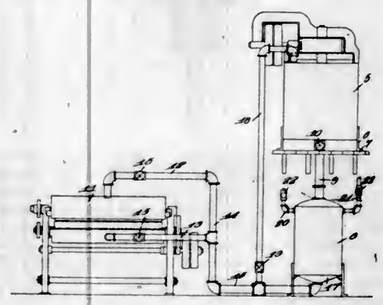
2. A turret tool holder comprising the combination of a slide and a tool turret mounted on a horizontal axis thereon and adapted to support two tools in alignment in a common vertical plane extending at right angles through the said axis, one of such tools being a formed roughing tool and the other being a formed finishing tool of the same contour, and the construction and arrangement being such that the finishing tool may be brought into correct tooling position to operate on the work after the operation of the roughing tool thereon merely by indexing the turret.

1,571,323. AXLE-TURNING LATHE. LYNDON C. COLE and OTTO PABST, Hamilton, Ohio, assignors to Niles-Bement-Pond Company, New York, N. Y., a Corporation of New Jersey. Filed Mar. 19, 1924. Serial No. 700,286. 21 Claims. (Cl. 82—8.)



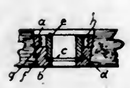
1. In a lathe, the combination of a bed having ways extending longitudinally therealong, means for rotatably supporting a work piece on the bed, a carriage slidable on the ways, a tool slide movable transversely of the ways on the carriage, a turret on the slide adapted to support a plurality of formed tools, a rotary cam having an undulatory cam path including a plurality of rises and falls, means engaging in the cam path and operatively connected to the slide, and a power element for rotating the work and cam, rotation of the cam being adapted to reciprocate the slide toward and from the work and the turret being adapted to be indexed and the carriage traversed between successive reciprocations.

1,571,324. GLUE MACHINE. FRANK DIEHL, Wabash, Ind. Filed June 6, 1923. Serial No. 643,790. 2 Claims. (Cl. 91—57.)



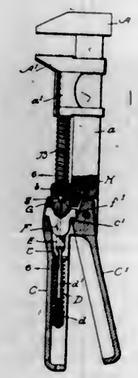
1. A device for supplying glue to a spreading machine comprising a mixing tank, a reserve tank disposed below the mixing tank, a pipe for establishing communication between the tank to allow material to pass into the reserve tank, a pipe leading from the botom of the reserve tank and communicating with the spreading machine, valves for controlling the passage of material to the spreading machine, a pipe establishing communication between the last mentioned pipe and the mixing tank, a valve for controlling the passage of material through the latter pipe, pipes for supplying air under pressure to the reserve tank to force material therefrom, and the valves for controlling the passage of fluid to the spreading machine adapted to be closed to permit the material from the reserve tank to be returned to the mixing tank.

1,571,325. BUNGHOLE SEAT OF METAL. CARL RICHARD DONNER, Wittensdorf, Germany. Filed Dec. 20, 1923. Serial No. 681,775. 1 Claim. (Cl. 217—9.8.)



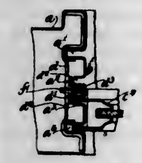
A metal bung hole seat with separate female thread for the reception of a threaded sleeve by means of which a packing disk of thin sheet aluminum, designed to be pierced by the lower end of the tap when the cask or barrel is being tapped, is tightly pressed on its bearing surface and whereby an absolutely air tight closing of the inner end of the bung hole seat is ensured, comprising in combination with the conical bung hole seat having the upper part of its inner threaded bore set off, a threaded sleeve to be screwed into the lower narrow part of said threaded bore, a square head of said threaded sleeve having a smooth outer surface projecting up to the upper end of said bung hole seat so that between its smooth outer surface and the upper wide part of the threaded bore of the bung hole seat a ring-shaped hollow space is formed, and a screw stopper composed of the top plate designed to bear upon the upper end of said bung hole seat and of a downwardly projecting threaded flange the thickness of which corresponds with the inner width of said ring-shaped hollow space of the bung hole seat.

1,571,326. ADJUSTABLE VISE WRENCH. ARTHUR B. FAULKNER, Williamsport, Pa. Filed Dec. 19, 1923. Serial No. 681,620. 13 Claims. (Cl. 81—87.)



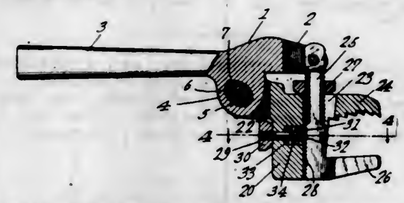
1. An adjustable vise wrench comprising in combination with an ordinary wrench having jaws and associated adjusting devices for bringing said jaws together, means for tightening the grip of the jaws consisting of a main handle member rigid with the shank of the wrench and an auxiliary handle member pivoted at one end beside and at an angle to said main handle member, and spring-actuated means and connections between the same and said adjusting devices tending to separate the jaws, said spring-actuated means and connections being arranged in the line of the longitudinal axis of said main handle member parallel with said shank and including a tilting element interposed in said connections and movable therewith in engagement with said pivoted handle member, for holding the latter normally in its inclined position under tension of the spring; said pivoted handle member being adapted when pressed toward the rigid member to move said element in opposition to the action of the spring, so as to tighten the grip of the jaws, and said spring being adapted to separate the jaws and restore said element and pivoted handle member to normal position when the pressure on the latter is released.

1,571,327. METAL WINDOW. ALPHONSUS FIEN, New York, N. Y., assignor to S. H. Pomeroy Company, Inc., New York, N. Y., a Corporation of New York. Filed Oct. 27, 1925. Serial No. 65,124. 3 Claims. (Cl. 189—75.)



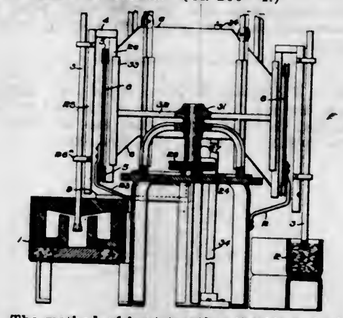
1. In a hollow metal window having a jamb with a removable pulley stile, a heavy brace within the jamb, said brace being formed with a tongue bendable to support the pulley stile away from the plane of the brace.

1,571,328. WRENCH. JOSEPH H. FLANIGAN, Sheffield, Ala., assignor of one-half to C. R. Sharp, Sheffield, Ala. Filed Jan. 24, 1925. Serial No. 4,553. 1 Claim. (Cl. 81—126.)



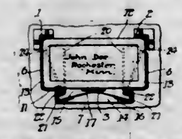
In a wrench, a handle portion having a forwardly extended arm and having a depending lug, a casting having a longitudinal bore and having an extension forming a jaw, a jaw having a threaded shank movable through the bore and having pivotal connection with the extension of the handle, said shank having teeth formed along its rear edge, means carried by the casting and adapted to engage the teeth to hold the jaw and its shank against movement, said shank having threads, a nut on the threads and engaging the casting to lock the shank against movement in one direction, and means for pivotally connecting the casting to the depending lug of the handle.

1,571,329. HEAT TREATING OF ARTICLES. GEORGE H. GILMAN, Boston, Mass. Filed Sept. 4, 1920. Serial No. 408,283. 57 Claims. (Cl. 266—4.)



57. The method of heat treating the bit end of a drill steel which comprises heating the said end, keeping the portion of said steel adjacent said end cool during said heating by subjecting it to a draft of cool medium directed along said steel toward said heated portion, then immediately hardening the cutting end of said bit by immersion in a cooling liquid of said cutting end only, and in finally quenching the remaining heated portion by gradually immersing said heated end in said cooling liquid.

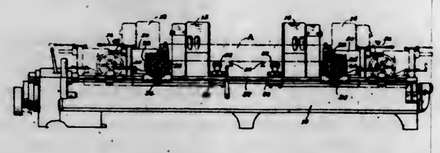
1,571,330. TRAY. PAUL A. GOLLNICK, Chicago, Ill., assignor to Spiegel, May, Stern Co., Chicago, Ill., a Corporation of Illinois. Filed Nov. 21, 1924. Serial No. 751,317. 10 Claims. (Cl. 101—47.)



1. In a device of the class described, the combination with a tray having a card-supporting ledge, of a follower comprising a substantially U-shaped member having a pair of spaced arms and a resilient base part, said arms

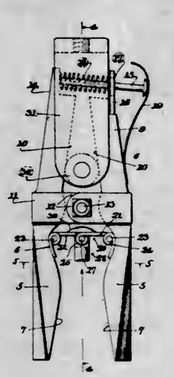
being yieldingly urged by said base part into frictional contact with opposed edges of said tray, said base part being spaced entirely below said ledge and away from the bottom of the cards to provide an unobstructed passage between said ledge and base part for the purpose specified.

1,571,331. AXLE CUTTING-OFF AND CENTERING MACHINE. WILLIAM J. HAGMAN, Philadelphia, Pa., assignor to Niles-Bement-Pond Company, New York, N. Y., a Corporation of New Jersey. Filed June 9, 1922. Serial No. 567,057. 8 Claims. (Cl. 29—27.)



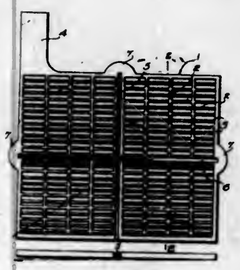
1. A metal cutting machine comprising in combination, a base, heads movably mounted on said base, work rotating chucks on said heads, means to simultaneously move said heads towards or from each other, transversely extending tracks to guide work blanks into operative position, whereby a work blank may be advanced to operative position on the base and said heads advanced toward each other to engage said chucks with said blanks, and cutting off and centering tools mounted on and movable with said heads, said centering tools being movable transversely on said heads into and out of operative position.

1,571,332. FISHING TOOL. LOUIS W. HERMINGHAUSEN, Mendon, Mo., assignor of one-half to James H. Staples, Shawnee, Okla. Filed Feb. 21, 1925. Serial No. 10,817. 3 Claims. (Cl. 294—110.)



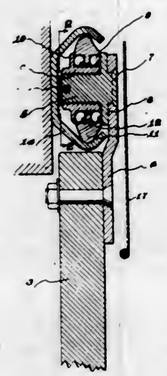
1. A fishing tool of the character described, comprising a pair of jaws carrying upwardly extending arms provided upon their inner faces with longitudinally extending cam faces, means pivotally connecting said jaws adjacent to the lower ends of the arms, a toggle trip arranged between the jaws and connected therewith, a spring for spreading said arms, a yoke straddling the arms, and a spreading element mounted within the yoke and arranged between the arms to engage the cam faces, the leverage of the device increasing as the spreading element moves upwardly upon said cam faces and away from said jaws.

1,571,333. GRID FOR STORAGE BATTERIES. RALPH A. HOFFMAN, Marshalltown, Iowa. Filed Oct. 2, 1923. Serial No. 666,174. 4 Claims. (Cl. 136—16.)



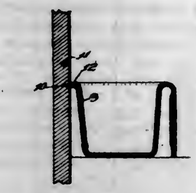
1. A storage battery grid comprising a frame, said frame being divided into sections, and flexible joints connecting said sections, each of said joints extending substantially entirely across said frame and intersecting substantially centrally thereof.

1,571,334. DOOR HANGER. FRANK E. HOWARD, Hartford, Conn., assignor to James L. Howard and Company, Hartford, Conn., a Corporation of Connecticut. Filed Aug. 25, 1924. Serial No. 734,087. 6 Claims. (Cl. 16—98.)



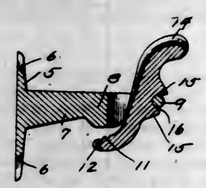
1. In a door-hanger, the combination of a plate, a threaded pin of relatively soft metal having one end riveted through the plate, said pin having an integral flange bearing against said plate, an interiorly threaded bushing of relatively hard metal threaded on said pin, and adjacent its outer end being provided with an integral circumferential flange, the outer surface of said bushing between the said flanges forming an inner ball race-way, a sheave of relatively hard metal surrounding and spaced from said bushing, and interposed between the flange on said pin and the flange on said bushing, and being provided with an inwardly extending web, and a double row of balls interposed between the sheave and bushing and between the flange on the pin and the flange on the bushing, and being separated by and bearing against said web, said bushing at its outer end being provided with notches, and a split pin extending through said notches and through an alined opening in said pin.

1,571,335. COVERING FOR PLUMBING FIXTURES AND THE LIKE. ROGER E. JARVIS, St. Louis, Mo., assignor of one-half to E. J. Blake, St. Louis, Mo. Filed May 23, 1925. Serial No. 32,811. 2 Claims. (Cl. 4—173.)



1. A protector for plumbing fixtures comprising a covering shaped to conform to the contour of the fixture and of sufficiently soft material as to protect the surface of the fixture, said covering having its one edge embedded in the wall for supporting the same in position and for protection to the fixture while finishing the interior of the room.

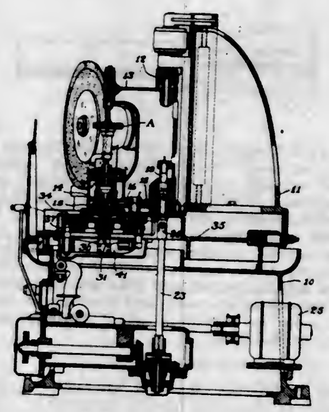
1,571,336. CLOTHESLINE HOLDER. WILLIAM L. KELLY, Olyphant, Pa., assignor to James D. Monie, Scranton, Pa. Filed Nov. 4, 1924. Serial No. 747,871. 1 Claim. (Cl. 24—133.)



The combination with a base having an arm extending therefrom, said arm having a vertical opening in its free end portion, the outer side of the opening being cylindrical and the rear wall of the opening being continued below the arm with a resultant gripping face, of a compound curved clamping dog disposed within said opening with one extremity underlying said arm and the continued wall of said opening, said underlying portion having transversely extending gripping teeth, said compound curved dog being longitudinally grooved from the teeth to and through its opposite end portion and said compound curved dog having longitudinally spaced ears extending from its face opposite of the curved portion, said ears pivotally embracing the cylindrical front side of said opening whereby movement of the upper end of the compound curved dog in a direction away from the bracket will swing the teeth in the direction of and beneath the gripping face of the continued wall of said opening and the eared face of the compound member against said cylindrical portion.

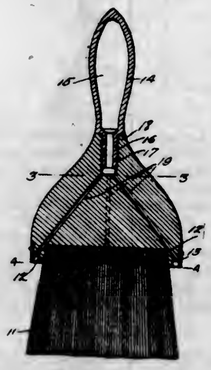
1,571,337. GEAR GRINDER. CARROLL KNOWLES, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 2, 1923. Serial No. 672,391. 9 Claims. (Cl. 51—52.)

1. A machine for generating the tooth curves of gears comprising in combination, a base, a cutting wheel rotatably mounted thereon, a work spindle supported on said base so that it may move in any direction while its axis is maintained in parallel positions, means to rotate



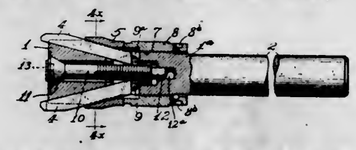
the work spindle comprising a gear on said spindle and driving gears in mesh therewith, and means to move the spindle about in a closed path.

1,571,338. PAINTBRUSH. JOSEPH KRATOCHVIL, Bridgeville, Pa. Filed Sept. 14, 1922. Serial No. 588,143. 1 Claim. (Cl. 15—248.)



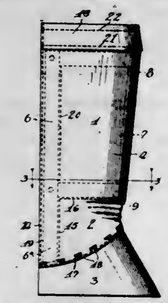
A brush having a tapered head formed with a bristle receiving recess in the larger end and stepped shoulders in the outer face of the wall of said recess, the other end of the head having a central threaded bore extending longitudinally thereinto for a short distance, a removable hollow handle having a nipple threaded in said bore and communicating therewith, a band secured to the head on one of the shoulders and outwardly of the other shoulder to form the outer wall of a channel of which the inner wall of the said other shoulder is the inner wall thereof, the head having oblique passages extending from the bottom wall of said channel into the inner end of the said threaded bore for discharging paint into said nipple.

1,571,339. ADJUSTABLE CUTTER DRILL. LOUIS J. MADDEN, Syracuse, N. Y., assignor of one-half to John L. Wagner, Syracuse, N. Y. Filed Apr. 17, 1922. Serial No. 553,705. 2 Claims. (Cl. 77—58.)



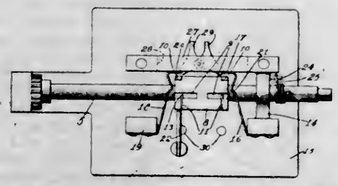
1. In an adjustable cutter drill, a body having longitudinally disposed divergent grooves and constructed with flat external faces, blades seated in said grooves with longitudinal adjustment therein, a yoke embracing said blades, confining them in said grooves and having flat cheeks embracing the flat faces of the body to hold the yoke against rotation while permitting it to slide longitudinally of the body, a rotatable follower threaded upon the body in rear of said yoke, an adjusting screw axially disposed in the body, and a wing nut threaded on said screw in position to afford abutment for the rear ends of the blades.

1,571,340. LEGGING. IRWIN W. MILLARD, Chicago, Ill., assignor to Industrial Gloves Corporation, Chicago, Ill., a Corporation of Delaware. Filed Sept. 21, 1925. Serial No. 57,483. 5 Claims. (Cl. 36—2.)



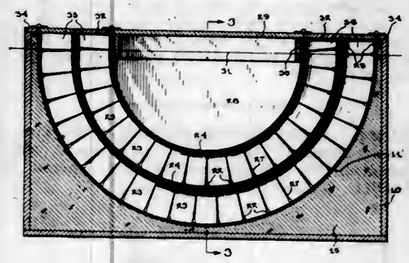
3. A legging having, in combination, a flexible covering, a flexible lining, a metal frame secured between said cover and lining, said frame comprising longitudinal stays an dtransverse spring clips and being adapted to stiffen the upper portion of the legging and to detachably secure the legging to wearer's leg, a flexible flare secured to the lower edge of said cover, there being a portion of said cover between said flare and the lowermost of said clips, which portion is adjacent the ankle and is stiffened only at the rear edges thereof, thereby providing a flexible covering about the ankle.

1,571,341. VENDING MACHINE. WILLIAM L. MOSER, Winston-Salem, N. C. Filed Feb. 3, 1922. Serial No. 538,915. 1 Claim. (Cl. 194—63.)



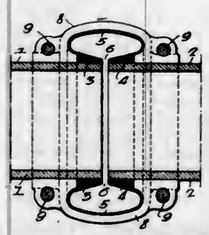
In a vending machine the combination with an actuating shaft and a table driven by the shaft, of a block rotatable with the shaft and having a coin receiving recess, said block being angular in cross sectional contour, a pivoted dog cooperating with the corner portions of the block for holding said block against retrograde movement, a spring strip yieldingly mounted adjacent one end of the block, a locking tongue extending laterally from the strip, a projection on the block for engagement with the tongue to hold the block against rotation, said strip having a laterally offset intermediate portion for engagement by a coin seated in the recess, thereby to shift the tongue out of the path of projection to release the block, and means engaging the tongue for shifting the strip and tongue to release the block independently of the use of a coin, a projection adjacent the shaft, and a spring finger rotatable with the shaft for intermittent wiping engagement with the projection, said finger and projection normally cooperating to hold the recess to the block in coin receiving position.

1,571,342. ICE BOX. CHESTER PAIGE, Nowata, Okla. Filed Sept. 19, 1925. Serial No. 57,415. 3 Claims. (Cl. 62—34.)



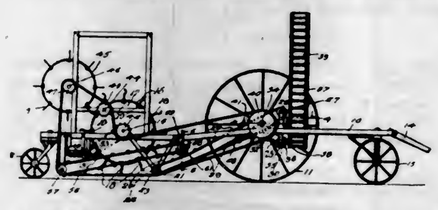
1. A refrigerator comprising a casing, a container in the casing and insulated from the casing, tubes mounted in the container to receive articles to be cooled, a chamber in the casing adapted to receive a refrigerating medium said tubes being provided with openings to permit the circulation of the cooling medium through the tubes, each of the tubes being formed of a single sheet of metal, having cut out portions along the opposite edges to provide fingers, opposite fingers on the edges of the shell being connected together, said tubes being bent to semicircular form in the container, the spaces between the fingers forming openings to permit the circulation of the cooling medium.

1,571,343. PIPE UNION. ALBERT L. REGISTER, Haverford, Pa. Filed Feb. 20, 1925. Serial No. 10,546. 3 Claims. (Cl. 285—194.)



1. A connector for pipes comprising a pair of annular gaskets adapted to be passed onto the ends of pipes to be connected; a separately formed annular tubular member divided circumferentially at the inside to provide an aperture and adapted to encircle the pipe ends with the portions adjacent the aperture on both sides seating upon the respective gaskets, whereby the interior of the tubular member is in communication with the interior of the pipe; and a housing for said annular member enclosing the ends of the pipes.

1,571,344. POTATO HARVESTER. EDWARD SANDERS, Moorhead, Minn. Filed Oct. 27, 1924. Serial No. 746,172. 3 Claims. (Cl. 55—59.)

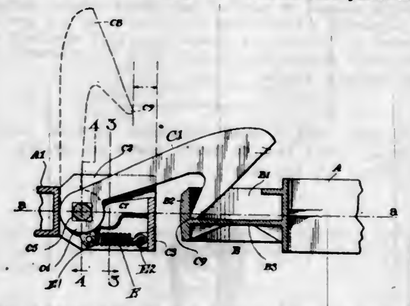


1. In a potato harvester, a traction wheel supported frame, a member rotatably mounted on the frame, potato displacing fingers carried by the said member, a member rotatable in operative relation to the fingers, elements on the second mentioned member projecting into the path of travel of the fingers for dislodging material from between the fingers, a transversely operable conveyer rearwardly of the first mentioned element for receiving potatoes displaced from the fingers, a longitudinally operable conveyer for receiving potatoes from the first mentioned conveyer, a longitudinally operable conveyer in front of the potato dislodging means in position to receive the dislodged potatoes, a transversely operable conveyer at the front of the second mentioned longitudinally operable conveyer, means for driving the aforesaid elements in unison from the traction wheels, and a chute for delivering potatoes from the first mentioned longitudinal conveyer to the second mentioned longitudinal conveyer.

2. In a potato bravester, a frame, traction wheels for supporting the frame, standards secured to the sides of the frame near the front thereof, shafts journaled in the ends of said standards, a sprocket chain for communicating motion of the traction wheels to the shaft on the lower end of the standards, a transversely operable conveyer at the front of the said standards, means for communicating the motion of the last mentioned shaft to the said conveyer, a longitudinally operable conveyer for delivering potatoes to the first mentioned conveyer, potato dislodging means rotatably supported on the frame at the rear of the second mentioned conveyer for delivering potatoes to the said conveyer, means for dislodging deposits from the potato dislodging means, a conveyer at the rear of the potato dislodging means for receiving potatoes removed from the potato dislodging means, a longitudinally operable conveyer for receiving potatoes from the last mentioned conveyer, a chute from the last mentioned longitudinally operable conveyer to the second mentioned conveyer, and means for driving the aforesaid parts in unison through power from the traction wheels.

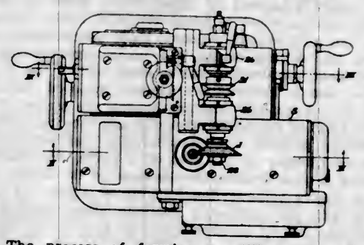
1,571,345. MINE-CAR COUPLING. HUGH W. SANFORD, Knoxville, Tenn. Filed Mar. 23, 1922, Serial No. 546,050. Renewed June 23, 1925. 8 Claims. (Cl. 213—175.)

1. A mine car coupling structure comprising two bumpers, the first of said bumpers having an engaging face which is upright and extends transversely to the length of the car in a curved course in the below-mentioned plane, and a hook having a point and being hinged to the second of said bumpers on a horizontal axis and adapted to turn on said axis to move said point in an arc extending, when the first bumper is not in range, from below the horizontal plane of said hinge upward in an arc above said plane and above the height of said engaging face of the first bumper, whereby said point is adapted to engage said face in said plane and



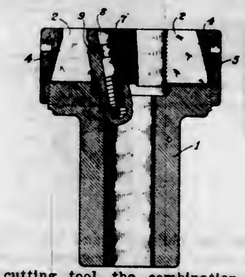
slide laterally along said face during changes in alignment of the cars which support said bumpers, substantially as described.

1,571,346. PROCESS OF FORMING MILLING CUTTERS. WILLIAM C. F. SCHRAMM, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed May 24, 1921. Serial No. 472,080. 18 Claims. (Cl. 51—278.)



1. The process of forming a milling cutter from a blank which consists in rotating the blank, in rotating a cutting wheel in engagement with the rotating blank, in effecting relative movement between the blank and the wheel during rotation of the blank to produce a series of circumferential cuts on one face of each tooth of the blank, and in reversing the relative position of the blank and the wheel to produce a similar series of cuts on the opposite face of each tooth of the blank.

1,571,347. CUTTING TOOL. CARL SCHRAMM, West Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed July 14, 1922. Serial No. 575,028. 5 Claims. (Cl. 10—121.)



2. In a cutting tool, the combination comprising a body member, a cutting member fitted to a slot in said body member, a wedge member mounted on the body

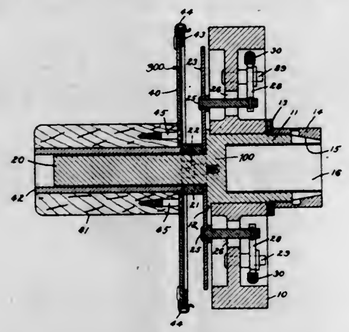
member in engagement with said cutting member, and a unitary fastening member for securing the wedge member to the body member and for holding the associated cutting member in position, said wedge member having a projecting portion fitted to a portion of the groove formed in the fastening member to compel movement of the wedge member in accordance with the movement of the fastening member.

1,571,348. DRILL BIT. CLARENCE O. STEB, Butte, Mont. Filed Dec. 13, 1923. Serial No. 680,534. 1 Claim. (Cl. 255—64.)



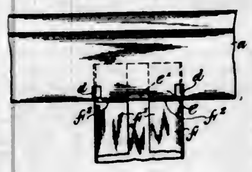
A drill having a shank and an enlarged head, said head comprising a pair of diametrically disposed concaved blades separated by diametrically disposed flaring grooves, said grooves forming with the blades reaming edges, and an inverted V-shaped blade diametrically connecting the cutting blades, the inner edges of the V-shaped blade terminating at the inner end of the flaring grooves, and a longitudinal passage disposed centrally within the shank and opening through the center of the cutting edge of the V-shaped blade and into the ends of the flaring grooves, the diametrically disposed cutting blades conforming to the arcs of a circle, the diameter of which is greater than the diameter of the shank, said cutting blades being cylindrical for a portion of their lengths and the remaining portions being directed inwardly and finally merging into the wall of the shank.

1,571,349. INDICATOR. CALEB E. SUMMERS, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Aug. 2, 1923. Serial No. 655,379. 16 Claims. (Cl. 234—1.)



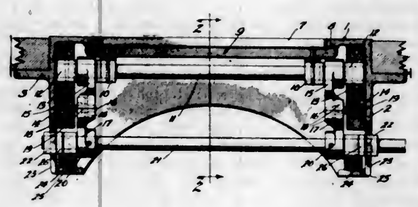
12. In means for indicating and recording torsional vibrations, an arbor having a concentric guiding spindle; an inertia mass journaled on the arbor and means for rotating said inertia mass steadily at the average angular speed of the arbor; a relatively light member rigid with said arbor and projecting therefrom adjacent the inertia mass; an indicating arm pivoted to said inertia mass and to said relatively light member and extending in a direction approximately perpendicular to a radial line therefrom to the axis of the arbor; a stylus projecting from said arm in the direction of the guiding spindle; and a record-receiving member comprising a plate having a record-receiving surface adapted to contact with the stylus; and an opening whereby it may be guided by the spindle and be moved toward and away from said stylus.

1,571,350. MUNTIN-BAR LOCK FOR METAL WINDOWS. LORING WASHBURN, Greenwich, Conn., assignor to S. H. Pomeroy Company, Inc., New York, N. Y., a Corporation of New York. Filed Oct. 27, 1925. Serial No. 65,140. 2 Claims. (Cl. 189—76.)



1. In hollow metal window construction, the combination of a sash rail slotted to receive the muntin bar and with an interlocking tongue, and a muntin bar formed to be engaged by and to interlock with the tongue of the sash rail, the tongue of the sash rail being capable of displacement by bending to permit the introduction of the end of the muntin bar and to be interlocked with the muntin bar.

1,571,351. VALVE. FRANK OWEN WATKINS, Cincinnati, Ohio. Filed Dec. 22, 1923. Serial No. 682,352. 10 Claims. (Cl. 137—21.)

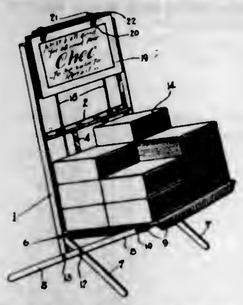


8. A valve mechanism comprising a casing formed with a valve port, a frame projecting from said casing, a guided valve member adapted to close the valve port, a rock shaft floating in said frame, toggle members operatively connecting said valve member and said rock shaft, and bowed springs having their ends disposed in the frame pressing said rock shaft toward said valve port, and shoulders on said toggle members forming an interlock or stop for the same at a predetermined position beyond a dead center.

1,571,352. DISPLAY STAND. EDWARD B. WESTON, Dayton, Ohio, assignor to The Weston Paper and Mfg. Co., Dayton, Ohio, a Corporation of Ohio. Filed Nov. 4, 1924. Serial No. 747,748. 3 Claims. (Cl. 211—24.)

1. A display stand comprising a back or main frame, and supports for holding the back and shelf spaced above the floor with the shelf extended, including a pair

of legs pivoted to the back frame at each side thereof, the pivotal connection of the members of the pairs in

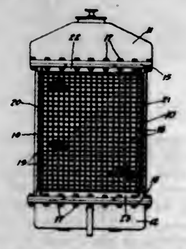


spaced relation, and a pair of stops on one leg of each pair for engaging the other leg and the shelf respectively to hold the parts in extended positon.

1,571,353. METHOD OF INDICATING THE COPE SIDE OF PATTERNS AND CASTINGS. LEE R. WETHERILL, Roxborough, Philadelphia, Pa. Filed Feb. 5, 1924. Serial No. 690,867. 2 Claims. (Cl. 22—190.)

1. The method of utilizing patterns in casting to indicate the position occupied by the casting in the mold during the casting thereof, which consists in providing the pattern at a selected point on the surface thereof, with a symbol of a character to be impressed on the mold surface, and to be reproduced on the casting, the symbol acting also as a guide to the placing of the pattern in the mold.

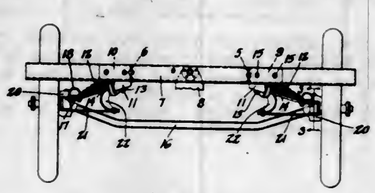
1,571,354. RADIATOR SHIELD FOR MOTOR VEHICLES. CLARENCE J. WHITACRE, Janesville, Wis., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed June 17, 1922. Serial No. 569,105. 5 Claims. (Cl. 293—54.)



1. In combination, a radiator having an intermediate core, an upper water chamber secured to said core by suitable fastening members, and a lower water chamber secured also to said core by suitable fastening members; and a foraminous shield or guard overlying the front of said core and the upper and lower edges of which extend along the joints between said core and said upper and lower water chambers and are held in place by the fastening members whereby the water chambers and the core are secured together.

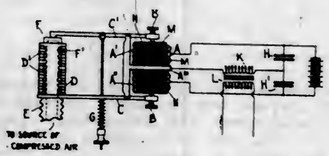
1,571,355. FRAME AND SPRING SUSPENSION FOR MOTOR VEHICLES. CLARENCE J. WHITACRE, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Oct. 11, 1923. Serial No. 667,954. 5 Claims. (Cl. 280—106.5.)

1. In a motor driven vehicle, a suitable frame; two quarter elliptic springs the front ends of which are fixedly secured to said frame adjacent the front end thereof, and which springs extend rearward and outward from their points of support; steering knuckles associated with the front wheels of the vehicle for steering the same; and



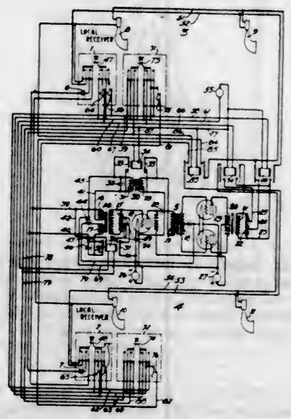
means whereby the load borne by said springs is transmitted through their free rear ends directly to said steering knuckles.

1,571,356. TELEPHONE. RICHARD HUBERT WHITE, London, England, assignor to Radio Corporation of America, a Corporation of Delaware. Filed Sept. 21, 1923. Serial No. 663,985. 17 Claims. (Cl. 179—106.)



1. A telephone in which the movements of the plates of a condenser control the flow of compressed air, substantially as described.

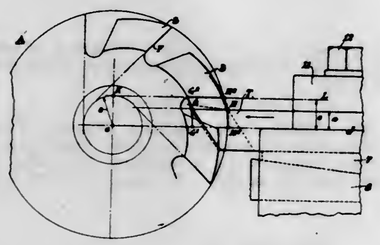
1,571,357. COMMUNICATION SYSTEM. DONALD F. WHITING and HUGH S. TAYLOR, Brooklyn, N. Y., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 24, 1924. Serial No. 757,802. 10 Claims. (Cl. 179—1.)



1. A system comprising a receiver, means for transmitting signals, switching means operable for preventing signals transmitted by said first means from returning to

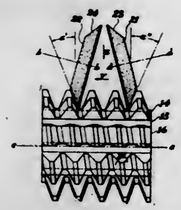
said first means through said receiver, and means for causing operation of said receiver while said switching means is in its operated condition.

1,571,358. METHOD OF RELIEVING MILLING CUTTER BLANKS. ERNEST WILDHABER, Rochester, N. Y., assignor to Niles-Bement-Pond Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 25, 1921, Serial No. 517,753. Renewed June 27, 1925. 21 Claims. (Cl. 82—19.)



1. The method of shaping a milling cutter blank, having teeth provided with non-radially arranged cutting faces, to cut a contour other than a straight line parallel to the blank axis, which consists in providing a formed tool having an undistorted cutting contour, in effecting relative rotation between the tool and the blank, and in effecting relative translatory relieving movements between the blank and the formed tool for cutting a distorted contour on the blank teeth which is adapted to cut the undistorted contour of the tool.

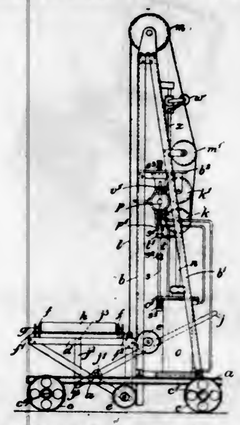
1,571,359. HOB. ERNEST WILDHABER, Brooklyn, N. Y., assignor to Niles-Bement-Pond Company, New York, N. Y., a Corporation of New Jersey. Filed Mar. 13, 1922. Serial No. 543,386. 15 Claims. (Cl. 29—103.)



1. A hob, comprising teeth arranged in the form of a thread, the sides of the teeth being ground to involute helicoids, the helicoids formed on the sides of the teeth having different leads, and the lead of each helicoid being different from the lead of the hob thread.

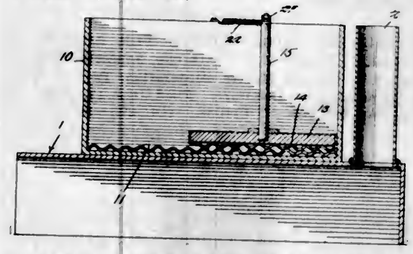
1,571,360. STACKING MACHINE. ARTHUR FREDERICK WILLIAMS, Leytonstone, England. Filed Aug. 28, 1923. Serial No. 659,701. 4 Claims. (Cl. 214—121.)

1. A stacking machine, comprising a table, means for guiding said table for vertical movement, a tray mounted upon said table, means connecting said tray to said table, said connecting means allowing said tray to tilt towards either of two opposite sides of said table on an axis adjacent to that side, a universally jointed lifting rod adapted to exert an upward thrust beneath the centre of



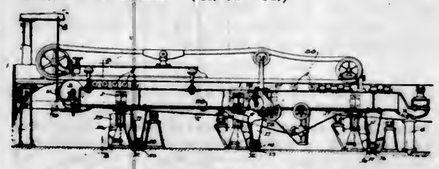
said tray to produce a lateral tilting movement, and a lever operating said lifting rod, said lever being actuated automatically by the ascent of said table.

1,571,361. WASHING MACHINE. JAMES WILLIAMS, Vienna, Ga. Filed Aug. 17, 1925. Serial No. 50,727. 1 Claim. (Cl. 68—20.)



In a washing machine, a water containing tank having a corrugated bottom forming a stationary rubber, a movable rubber mounted on said bottom and having a post rising therefrom and extending above the top of the tank, a lever fulcrumed on said tank intermediate the ends of the lever, the inner end of said lever having a slot and pin connection with said post, and a coiled spring connected with said post and with said tank to assist in the operation of the movable rubber.

1,571,362. PAPER-MAKING MACHINE. ALONZO ALDRICH, Beloit, Wis. Filed Sept. 8, 1922. Serial No. 586,848. 8 Claims. (Cl. 92—44.)



1. A Fourdrinier machine having a laterally removable table, legs on the front edge of the table having their lower ends provided with rollers, tracks on which said rollers may travel, other rollers on the rear of the table,

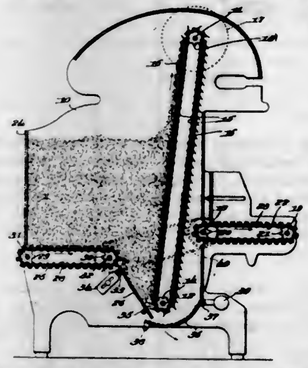
posts at the rear of the table for said rear rollers, other posts at the front end of the table and tracks for said rear rollers extended between said front and rear posts and supported by the same, said rear posts having slightly elevated surfaces for said rear rollers and inclines from said elevated surfaces to the level of said tracks.

1,571,363. FOUNTAIN PEN. JAMES BARKER, Kalamazoo, Mich. Filed Sept. 10, 1925. Serial No. 55,551. 6 Claims. (Cl. 120—42.)



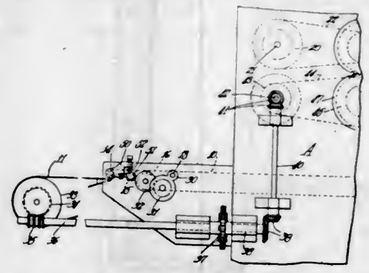
1. In a fountain pen, the combination with the barrel provided with an annular groove spaced from the end thereof, of a cap adapted to telescope with said barrel, said cap having an annular groove and a hole therethrough registering with said grooves when the cap is engaged upon the barrel, an annular spring having overlapping ends arranged in said groove in said cap, and a headed detent secured to the outer end of said spring and arranged through an opening in the inner end thereof to project through said hole in said cap into said barrel groove for detachably securing the cap upon the barrel.

1,571,364. MACHINE FOR FEEDING FIBROUS MATERIAL. EDDO V. BATES, Lowell, Mass. Filed Dec. 5, 1924. Serial No. 754,154. 1 Claim. (Cl. 198—53.)



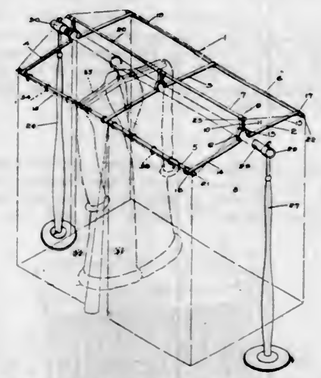
A machine for feeding fibrous material having a stock chest the bottom of which comprises an endless apron arranged to provide a relatively shallow portion of said chest and to support the major portion of the stock therein and move it towards a transferring apron in said chest, and a downwardly and rearwardly extending member arranged to receive stock from said endless apron and direct it into a pocket formed in part by said member; means to adjust the angularity of said member; a transferring apron in said chest arranged to remove stock directed towards it by said endless apron and said member; and means to drive said endless apron.

1,571,365. CONFECTION-COATING MACHINE. ALONZO LINTON BAUSMAN, Springfield, Mass., assignor to National Equipment Company, Springfield, Mass., a Corporation of Massachusetts. Filed Jan. 30, 1924. Serial No. 689,439. 3 Claims. (Cl. 198—20.)



1. In a confection coating machine, a conveyor on the upper stretch of travel of which freshly coated confections are carried and to which the later cling as the conveyor passes to its lower stretch of travel, whereby the coated articles hang upside down from the conveyor as it enters its lower stretch of travel, conveying means in part underlying said stretch to receive the confections therefrom, and means for successively removing the confections from said conveyor when the latter arrives at a predetermined point in its lower stretch of travel, and causing them to fall upon said conveying means in substantially the same sequence and arrangement in which they were carried by said conveyor.

1,571,366. PORTABLE WARDROBE. LILLIAN M. BENDER, San Francisco, Calif. Filed Mar. 9, 1925. Serial No. 14,011. 5 Claims. (Cl. 45—37.)



1. In a device of the character described, a supporting frame comprised of a plurality of spacing members, a plurality of longitudinals connecting said spacing members and adjustable as to their length, the said spacing members being provided with aligned gripping means adapted to embrace a supporting bar and to frictionally grip the same to hold said frame in position.

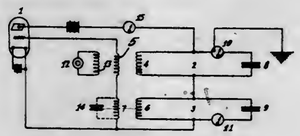
1,571,367. METHOD OF MAKING METAL CANS. RALPH E. BLACKFORD and CHARLES BUTTERFIELD, Middletown, Ohio. Filed Dec. 22, 1924. Serial No. 757,345. 2 Claims. (Cl. 113—116.)

1. The herein described method of making metal cans, which consists, first, in rolling a strip of metal into sub-

stantially cylindrical form, then welding it along its free longitudinal edges, then expanding it into substantially the desired form, then coating it against the action of air, moisture and chemicals, and then expanding it to a final set.

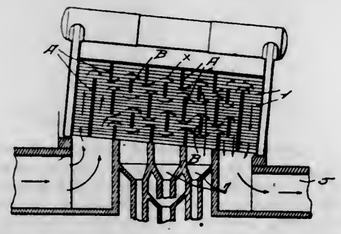


1,571,368. RELAY. HENRI CHIREIX, Paris, France. Filed Aug. 29, 1921. Serial No. 496,667. 9 Claims. (Cl. 179—171.)



1. A relay for electric currents comprising an oscillation generator having two generating frequencies, means actuated by said currents for suppressing one of said frequencies and causing the generation of the other and contact means adapted to be actuated by the changes in the output of the oscillation generator.

1,571,369. WATER-TUBE BOILER. ALFRED COTTON, St. Louis, Mo., assignor to Heine Boiler Company, St. Louis, Mo., a Corporation of Missouri. Filed Mar. 15, 1920. Serial No. 365,808. 4 Claims. (Cl. 110—98.)



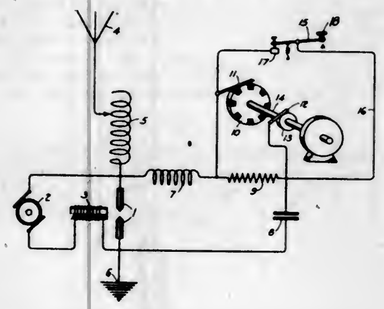
1. A water tube boiler provided with a tube bank composed of substantially horizontally-disposed water tubes, and vertically-disposed transverse baffle elements arranged transversely of the tube bank, one behind the other, and constructed to form solid portions and openings that are disposed so as to cause the gases to split up into a plurality of streams and flow in tortuous or sinuous paths approximately parallel to the tubes constituting said bank.

1,571,370. VARIABLE CONDENSER. GEORGE HOWARD CLARK, Brooklyn, N. Y., assignor to Radio Corporation of America, a Corporation of Delaware. Filed Mar. 3, 1921. Serial No. 449,393. 11 Claims. (Cl. 250—44.)



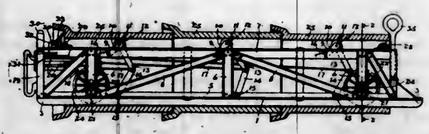
1. A variable electrical condenser, comprising spaced juxtaposed flat and parallel surfaces adjustable as to the area of the surfaces in juxtaposition and as to the distance between the surfaces by manipulation of a single means.

1,571,371. RADIO SIGNALING APPARATUS. GEORGE H. CLARK, Brooklyn, N. Y., assignor to Radio Corporation of America, a Corporation of Delaware. Filed Mar. 17, 1921. Serial No. 452,895. 6 Claims. (Cl. 250—19.)



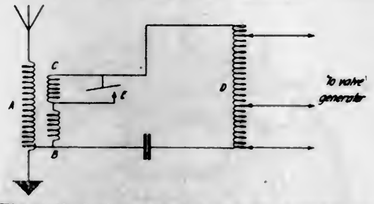
1. The method of signaling with high frequency continuous oscillations which consists in producing electrical oscillations of constant amplitude, diverting portions thereof to an absorbing means at an audio frequency during signaling periods, and diverting all thereof to the absorbing means during non-signaling periods.

1,571,372. PIPE-LAYING DEVICE. ARTHUR G. DALZELL, Toronto, Ontario, Canada. Filed Sept. 19, 1924. Serial No. 738,731. 10 Claims. (Cl. 72—128.)



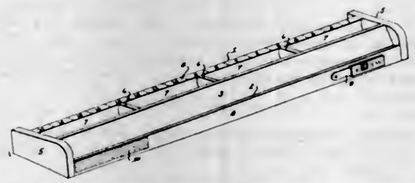
1. A pipe laying device comprising, a rigid frame having an aligning base, and individual means for lifting pipe lengths placed over said frame to hold the bottom inner surfaces in contact with the base.

1,571,373. WIRELESS TRANSMITTING APPARATUS. NORMAN EUSTACE DAVIS, Chene Bourg, near Geneva, Switzerland, assignor to Radio Corporation of America, a Corporation of Delaware. Filed Dec. 3, 1921. Serial No. 519,797. 11 Claims. (Cl. 250—19.)



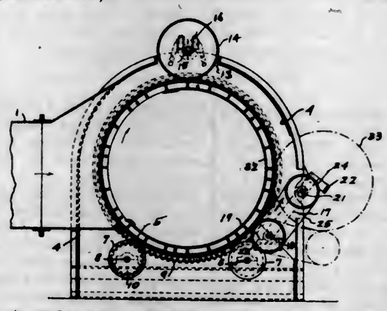
5. The method of operating a wireless telegraph transmitter having a coil in a tuned circuit coupled to an aerial which consists in uncoupling said coil from the aerial to produce a signal and coupling said coil to the aerial to produce a silence period while maintaining the radiated frequency constant.

1,571,374. PLAYING-GAME IMPLEMENT. LEROY L. RICHARD, Visalia, and ROBERT E. RICHARD, Coalinga, Calif. Filed Nov. 11, 1922. Serial No. 600,353. 2 Claims. (Cl. 173—150.)



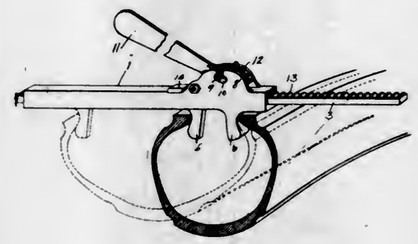
1. A playing-game implement comprising a structure adapted for bodily movement upon a table, said structure having a rear wall against the outer face of which playing pieces may be arranged in a row and the row advanced by the movement of the structure, the upper face of said wall having a scale indicative of the number of playing pieces comprising the row, said structure having also a front wall the outer face of which is formed as a rack to support and conveniently expose playing pieces drawn from the row, and having also a pocket between the two walls adapted for the reception of game counters, and said outer wall having an indicator denoting a personal relation with the player using the implement.

1,571,375. CONDENSER. JOHN C. ROGERS, Houston, Tex., assignor of one-half to Houston Blow Pipe & Sheet Metal Works, Houston, Tex., a Corporation. Filed Nov. 11, 1924. Serial No. 749,142. 9 Claims. (Cl. 19—156.)



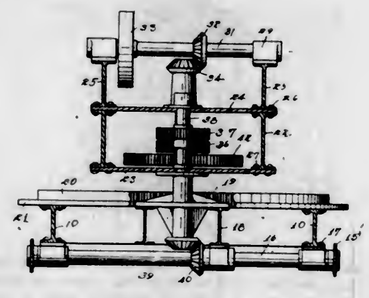
1. A condenser including a flue, a rotatable foraminated drum spanning the flue, a compression roller adjacent the drum, an endless traveling apron adjacent the drum and cooperating therewith to form a roll, the cooperating parts of the drum and apron being movable in opposite directions.

1,571,376. TIRE-SPREADING TOOL. JOHN F. ROGERS, Dayton, Ohio. Filed Mar. 18, 1925. Serial No. 16,482. 9 Claims. (Cl. 152—27.)



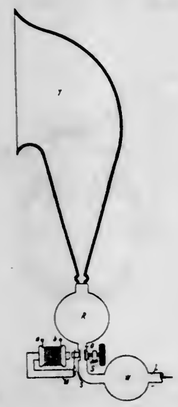
6. In a tire spreading tool, two telescopically arranged relatively adjustable bars, tire engaging projections carried by the respective bars and movable toward and from each other by the adjustment of one member telescopically relative to the other, an operating lever, a trunnion stud for said lever, a cam slot in one of the bars in which said trunnion stud engages, said stud being laterally adjustable within said cam slot to shift the lever into and out of engagement with the other bar, said lever being capable of oscillatory movement while engaged with said other bar to relative move said bars, and a detent for temporarily retaining the bars in adjusted relation.

1,571,377. GIRDER CONSTRUCTION FOR EXCAVATORS. GEORGE T. RONK, Des Moines, Iowa, assignor to Speeder Machinery Corporation, Fairfield, Iowa. Filed Mar. 24, 1924. Serial No. 701,518. 4 Claims. (Cl. 212—70.)



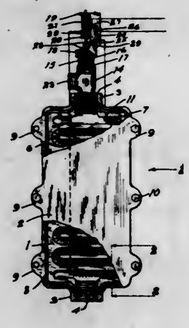
1. An excavator frame comprising spaced and parallel I-beams having the webs of said I-beams arranged vertically, a plate riveted to the lower flanges of said I-beams, a second plate on top of said I-beams, an I-beam on top of said plate and above each of the first said I-beams and in a common plane therewith, the lower flanges of the top I-beams and the upper flanges of the lower I-beams being rigidly secured together and to said second plate.

1,571,378. SOUND-REPRODUCING ARRANGEMENT. WILHELM SCHLOEMILCH, Berlin, Germany, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a Corporation of Germany. Filed Oct. 23, 1923. Serial No. 670,223. 7 Claims. (Cl. 179—108.)



1. A sound reproducing arrangement comprising a flexible gas conduit and means for electromagnetically altering the cross-sectional area of the conduit in accordance with sound waves.

1,571,379. ELECTRIC WATER HEATER. WILLIAM A. SHARPE, Denver, Colo. Filed Oct. 23, 1924. Serial No. 745,360. 2 Claims. (Cl. 219—39.)



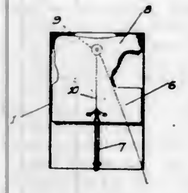
2. An electric water heater, comprising in combination, two complementary, substantially flat plates of insulating material, each of which is provided with a groove extending in a ziz zag from one end to the other, each of said grooves having a substantially semi-circular cross-section, said grooves being so related that when the plates are placed so that the grooved sides are placed face to face, the grooves will register so as to form a cylindrical zig zag opening, said opening terminating at opposite ends of said plates in an enlarged section, a bushing in said section, means for securing said plates together, a helical resistance member in said zig zag opening and exposed terminals electrically connected to the ends of the said resistance member.

1,571,380. ORNAMENT AND METHOD OF MAKING THE SAME. GROVER P. SHEARER, Chicago, Ill., assignor to A. L. Randall Co., Chicago, Ill., a Corporation of Illinois. Filed July 11, 1925. Serial No. 42,907. 10 Claims. (Cl. 41—10.)



1. An ornament embodying a body portion of a ribbon like strip of flexible material looped and folded into shape upon and about itself and covered with a sizing to render the same stiff and comparatively rigid.

1,571,381. AMUSEMENT NOVELTY. ROY H. SHERMAN, Vallejo, Calif. Filed May 27, 1925. Serial No. 33,100. 3 Claims. (Cl. 46—37.)

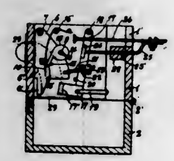


1. An amusement novelty comprising an open topped envelope adapted to be placed in a coat pocket, a fanciful element slidable in the envelope, an elastic between the element and envelope for normally holding the former concealed in the envelope and connected to both members adjacent the lower ends thereof, a pull cord attached to the element adjacent its lower end and extending upwardly along the back of the same and a guide eye in the back of the envelope adjacent the upper end thereof through which the cord passes.

1,571,382. METHOD OF PRODUCTION OF ALLOYED STEEL AND IRON WITH CHROMIUM, MANGANESE, ETC. TORSTEN GEORG STIG and JOSEF EINAR LEONARD STIG, Odda, Norway. Filed Mar. 21, 1924. Serial No. 700,945. 3 Claims. (Cl. 75—1.)

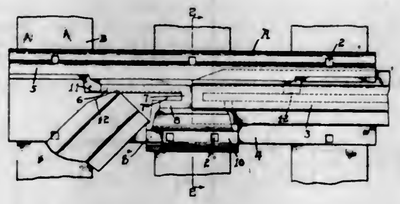
1. Process of producing alloyed steel and iron which consists in bessemerizing an alloy until the carbon content is decreased to the desired degree but not lower than that required to retain a sufficient amount of silicon to avoid the formation of nitrides, pulverizing the product, mixing the pulverized product with a suitable quantity of pulverized metal oxides to oxidize the remaining silicon, introducing the mixture into melted iron or steel to form an alloy, and discharging the alloy thus formed.

1,571,383. DEVICE USED TO COLLECT COINS. JOHN LOUIS STOWERS, Habana, Cuba. Filed Mar. 25, 1924. Serial No. 701,836. 5 Claims. (Cl. 194—78.)



1. A coin controlled starter, comprising, a casing, a coin slot in the casing, a driving and a driven member in the casing, a spacer rod interconnecting the members, a machine starter rod extending into the casing and bearing against the driven member, a coin chute formed in the drive member in registry with the coin slot, the chute being obliquely terminated at its inner end, a slotted part on the driven member cooperating with the inner end of the chute for retaining a coin of predetermined size between the driving and driven members, a crank rod extending into the casing, a cam on the inner end of the rod, a spring pressed pin on the drive member and in contact with the cam, rocking of the crank causing the driving member to move the driven member through the intermediary of a cam interposed between the members at the lower end of the chute, the driving and driven members being of a form to release the interposed coin on combined movement.

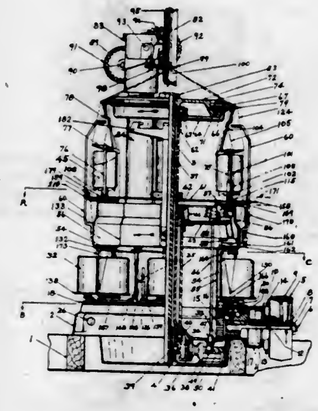
1,571,384. RAIL CONNECTER. NICK SOLTESZ, Toledo, Ohio. Filed Feb. 16, 1925. Serial No. 9,395. 3 Claims. (Cl. 238—225.)



1. A rail connecter comprising a base plate, a pair of side plates, one of said plates being integral with said base plate, an inwardly extending lip on said base plate in clamping relation with the other side plate, and a web integral with said side plates.

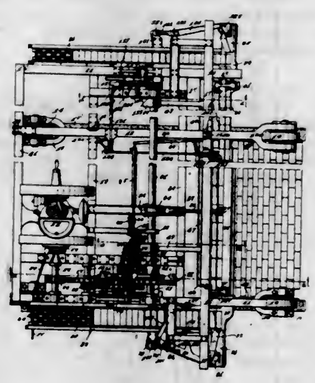
1,571,385. BRAIDING MACHINE. EDWARD K. STANDISH, Stoughton, Mass. Filed Feb. 13, 1924. Serial No. 692,518. 38 Claims. (Cl. 96—5.)

1. A braiding machine comprising a base having a stationary post rising therefrom; a tubular member enclosing said post between its upper end and said base; an independently mounted outer supply carrier; inner supply carriers movable about said post above said outer carrier; driving members for the inner carriers located between said tubular member and the outer carrier; yarn deflecting means attached to said post and to said tubular member and extending outward above said inner carriers; and driving means below said carriers whereby



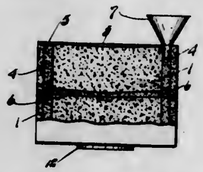
said tubular member and said outer carrier rotate in one direction and said inner carriers and their driving members move in the opposite direction simultaneously.

1,571,386. MACHINE FOR LAYING BRICK PAVING AND THE LIKE. HALVER R. STRAIGHT, Adel, Iowa. Filed June 15, 1922. Serial No. 568,385. 9 Claims. (Cl. 94—47.)



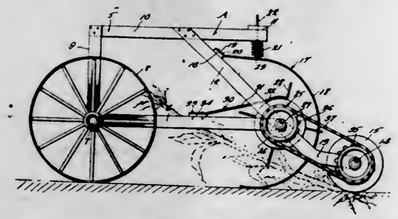
4. A brick laying machine comprising a frame, means for supporting said frame transversely above a road bed, means for adjusting said supporting means to and from each other to accommodate road beds of different widths, a feeding hopper supported at one end of said main frame, means for delivering bricks from said hopper to said road bed, in transversely arranged rows, and means for adjusting the last said means so that the length of the said transversely arranged rows of brick may be varied to meet rond beds of various widths.

1,571,387. CHIMNEY BLOCK. SAMUEL D. VOORHEES, Bay City, Mich. Filed Apr. 23, 1923. Serial No. 633,915. 2 Claims. (Cl. 72—92.)



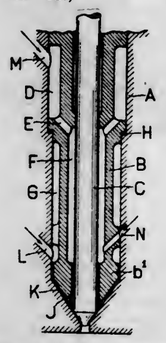
1. A chimney block comprising an outer shell having spaced apart vertically disposed openings therein, and communicating with a continuous channel formed in the top and bottom edges of the block, said channels being pitched from the said openings.

1,571,388. CORN-PICKING MACHINE. SAMUEL A. WALTER, Courtland, Kans. Filed Sept. 17, 1923. Serial No. 663,223. 4 Claims. (Cl. 56—11.4.)



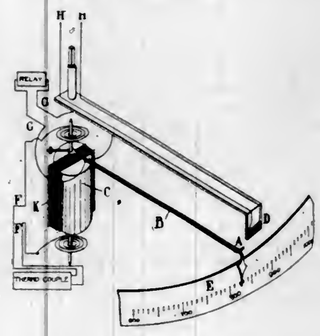
1. In a machine for picking ears of corn from growing corn stalks, a wheeled frame, a ground roller carried by the frame for breaking down the cornstalks, a stripper carried by the frame in front of the roller including a plurality of spaced resilient tines extending longitudinally of the frame for engaging and pulling the ears of corn from the stalks, and means for normally urging the tines in engagement with the ground.

1,571,389. FUEL-INJECTING DEVICE FOR INTERNAL-COMBUSTION ENGINES. OTTO ALT and CURT HELSIG, Kiel, Germany, assignors to Fried. Krupp Aktiengesellschaft Germaniawerft, Kiel-Gaarden, Germany. Filed Mar. 27, 1922. Serial No. 547,324. 2 Claims. (Cl. 123—33.)



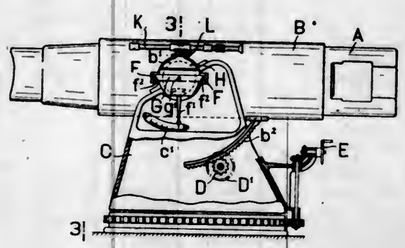
1. In combination with the cylinder of an internal combustion engine, a fuel injecting device in communication therewith, respective chambers in said device for a light auxiliary fuel and a heavy working fuel, a source of injecting air, means whereby on the operation of said device said light fuel is injected into said cylinder under the direct pressure of said injecting air, and means whereby said heavy fuel is injected into said cylinder under the expansive force of an air cushion developed in dependence upon the pressure of the injecting air.

1,571,390. ADJUSTABLE SENSITIVE ELECTRICAL REGULATING DEVICE. WILLIAM HERBERT APTHORPE, London, England, assignor to Cambridge and Paul Instrument Company Limited, Cambridge, England. Filed May 12, 1923. Serial No. 638,546. 1 Claim. (Cl. 171—95.)



In an adjustable sensitive electrical regulating device, a galvanometer having a needle and a scale, a heat emitting element arranged adjacent to a predetermined position on said galvanometer scale and a thermo-couple carried by the said galvanometer needle and capable of being energized when adjacent to said heating element.

1,571,391. SIGHTING DEVICE FOR GUNS. JULIUS BECKER, Essen, Germany, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Filed Nov. 25, 1924. Serial No. 752,159. 4 Claims. (Cl. 89—41.)



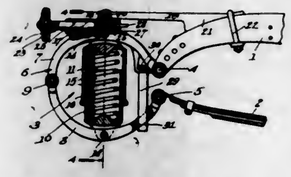
1. A sighting device for guns having a base subjected to rocking movements, such as naval guns, comprising a frame rotatable in lateral direction, an adjustable member rotatable on said frame about a horizontal axis, a gyroscope, a bearing member on which the gyroscope may rotate, a Cardan joint connecting said bearing member to the member adjustable relatively to the frame, the outer axis of said Cardan joint being arranged at right angles to the axis of rotation of said adjustable member, and sighting means carried by the bearing member of the gyroscope.

1,571,392. RAT TRAP. GEORGE W. BROTHERTON, ORLIE O. WEAVER, and NATHAN W. JOHNSON, Hartford City, Ind. Filed July 3, 1924. Serial No. 724,041. 1 Claim. (Cl. 43—76.)



In a rat trap, a body portion including a front compartment and a rear compartment, a closure for normally closing the rear compartment, a closure for the front compartment, means for normally holding the last mentioned closure in its open position, said holding means including a rod connected with the last mentioned closure and adapted to extend through the body portion, an arm carried by the rod and extending upwardly therefrom, a rod having an elongated eye adapted to engage the arm, said last mentioned rod having connection with the first mentioned closure to move the rod forwardly, when the last mentioned closure moves to its open position, said arm having one end thereof bent around one portion of the elongated eye to connect the rod and arm, and said rod adapted to move the arm to its active position and open the second mentioned closure.

1,571,393. SHOCK ABSORBER. JACK CALDWELL, Los Angeles, Calif., assignor of one-half to Robert Nelson Ferguson, Pasadena, Calif. Filed July 22, 1925. Serial No. 45,230. 11 Claims. (Cl. 293—55.)



1. A shock absorber having a yoke with pivotally connected arms, means to connect the free ends of the arms to the frame and an element connected to the running gear and means inside the yoke between the arms to resist spreading and contraction of the yoke.

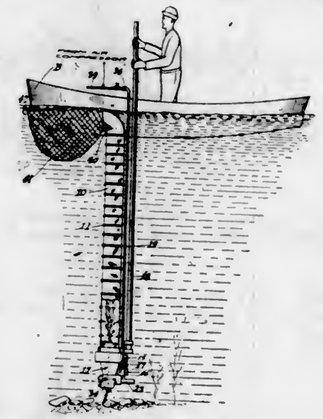
1,571,394. , RUNNER FOR CURTAIN RODS. ERNEST CHALMER, Surbiton, England. Filed Dec. 23, 1924. Serial No. 757,651. 11 Claims. (Cl. 156—21.)



1. A runner for a curtain-rod or pole comprising a frame consisting of two members hinged together each member adapted to partly surround the curtain rod, means for locking together the frame-members, a wheel revolubly mounted at the upper end of each frame member, each wheel being adapted to roll along parallel tracks on the curtain rod and means at the bottom of said frame-members for supporting a curtain.

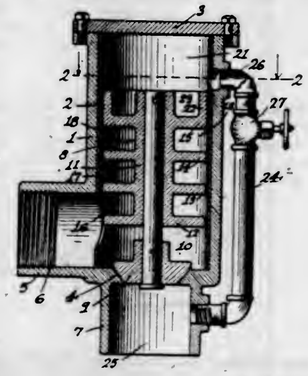
1,571,395. APPARATUS AND METHOD FOR COLLECTING SEAWEED. ANSEL R. CLARK, Los Angeles, Calif. Filed Nov. 6, 1924. Serial No. 748,112. 11 Claims. (Cl. 56—9.)

6. An apparatus for collecting submarine vegetation comprising a tube adapted to be lowered into the water, means for discharging a fluid into said tube adjacent the bottom thereof so as to produce an upward current of



water therein thereby causing said vegetation to be drawn into said tube, and means for cutting off the vegetation disposed within said tube.

1,571,396. PRESSURE-EQUALIZER VALVE. HENRY EDGAR DARROW, Santa Barbara, Calif. Filed Mar. 24, 1924. Serial No. 701,513. 2 Claims. (Cl. 137—139.)

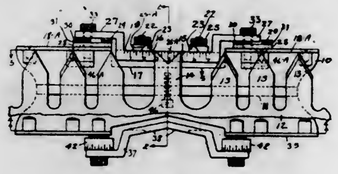


1. In a valve, a valve casing having a chamber, an inlet port, an outlet port and a valve seat between the chamber and the outlet port, a valve floatingly mounted in the chamber and adapted to fit the seat and close the outlet when the pressure is equalized said valve having a plurality of veins spaced apart, means forming a by-pass leading from the chamber above the floating valve member to the outlet below the seat, and means for opening and closing the by-pass.

1,571,397. SAW GAUGE. ARCHIE F. DOUGAN, Cochran, Oreg., assignor of one-half to Pete Hansen, Cochran, Oreg. Filed Feb. 14, 1925. Serial No. 9,179. 6 Claims. (Cl. 33—202.)

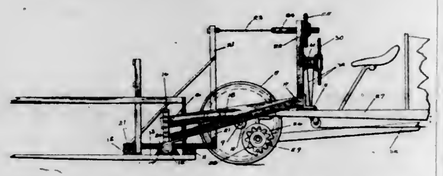
1. In a saw gauge, the combination of a frame; spaced plates on said frame adapted to engage saw teeth; a

guide means for tiltably supporting said guide on said frame between said plates; and swedging gauge arms



slidably mounted on said guide and adapted to gauge the height to which a raker tooth should be swedged.

1,571,398. HAY SWEEP. MARK W. DURGIN, Corvallis, Oreg. Filed Jan. 16, 1923. Serial No. 612,953. 3 Claims. (Cl. 56—396.)



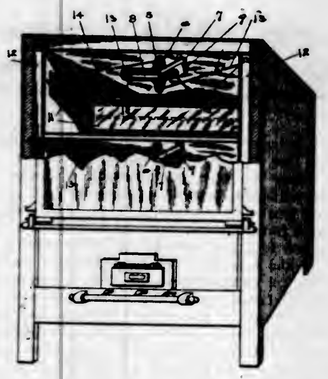
1. In a hay sweep to be mounted upon a vehicle: a frame; bearing boxes to mount said frame upon the axle of said vehicle; vertical hangers upon the forward end of said frame; a shaft journaled in said hangers; radius rods connecting said shaft with the rearward member of said frame; a second frame supported upon said shaft; and rake teeth upon said second frame.

1,571,399. BOX PARTICULARLY FOR NEEDLE-SHAPED OBJECTS. ERNST CONNY EGELIN, Stockholm, Sweden, assignor to Aktiebolaget Autopins, Stockholm, Sweden, a Corporation. Filed Sept. 7, 1923. Serial No. 661,494. 10 Claims. (Cl. 211—44.)



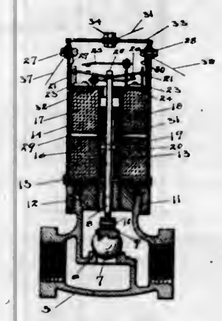
1. A box adapted particularly for needle-shaped objects, such as pins or the like, and for holding and projecting said objects singly into a position which adapts them to be conveniently seized, said box comprising in combination two relatively movable parts, means for forcing said parts apart, a holder for the objects within the box, said holder comprising a rotary member having seats for the objects, an abutment on one of said parts and upon the outer end of which the points of the objects will be caused to strike, means for rotatably and movably mounting the holder in said box, means for imparting rotary motion to said holder and for exerting a pressure on the holder so that it will always have a tendency to move toward said abutment, and a check device intermittently arresting said rotary holder in a position in which an object to be seized is located in front of said abutment, so that upon forcing the aforesaid movable parts of the box together the object is forced out of the holder proper and thus made easily accessible.

1,571,400. THERMOSTATIC OVEN REGULATOR. ARTHUR F. ERICKSON, Portland, Oreg. Filed Dec. 1, 1922. Serial No. 604,326. 2 Claims. (Cl. 236—15.)



1. In an oven: a plurality of dampers; a rotatable pin; a member freely mounted upon said pin; yieldable connecting rods connecting each of said dampers with said member; a lever secured to said pin; a quadrant coacting with said lever; a thermostatic unit secured upon said pin; and means to connect the free end of said thermostatic unit with said member.

1,571,401. VALVE. ARTHUR F. ERICKSON, Portland, Oreg. Filed Jan. 31, 1924. Serial No. 689,796. 1 Claim. (Cl. 137—139.)

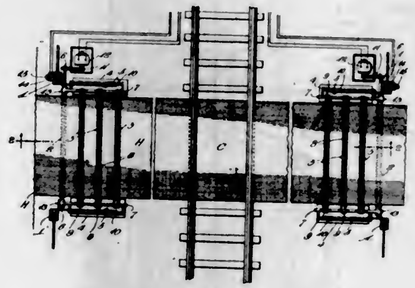


In a valve: a pair of axially alined solenoids; a casing containing said solenoids and projecting thereabove to form a chamber; a valve stem projecting through said solenoids into said chamber; toggle arms mounted within said chamber and adapted to operate said valve stem; and electric contact members adapted to contact with said toggle arms to close electric circuits operating said solenoids.

1,571,402. SAFETY GATE. ORA A. FLEMING, Lincoln, Me. Filed July 28, 1924. Serial No. 728,733. 4 Claims. (Cl. 39—6.)

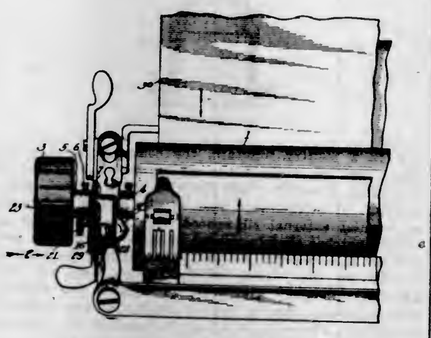
1. A safety highway gate comprising a pair of posts for disposition at the sides of the highway, a rock shaft having its ends disposed at the lower ends of the posts, a pair of arms projecting from and connected to the ends of said rock shaft to be vertically swung thereby, horizontal members between and connected to said arms to

form therewith a gate, and braces for the aforesaid posts disposed in planes parallel to the planes in which the



arms are movable, said arms having portions engaging said braces to hold the arms against inward movement and consequently prevent loosening of the above-named horizontal members.

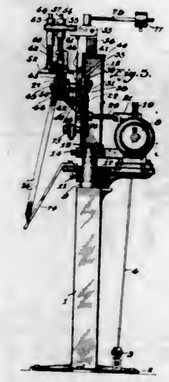
1,571,403. VERTICAL-SPACE REGISTER FOR TYPEWRITERS. LOYD R. FULTON, Huntington Park, Calif. Filed Apr. 2, 1924. Serial No. 703,690. 2 Claims. (Cl. 197—119.)



1. A space register for typewriters having a platen and a platen shaft, an indicating wheel rigidly mounted on a shaft, a loose gear rotatably mounted on the indicating wheel shaft, a gear drive from said gear to the platen shaft, and a frictional connection between the indicating wheel and the gear on the indicating wheel shaft whereby the indicating wheel may be set independent of the rotation of the platen.

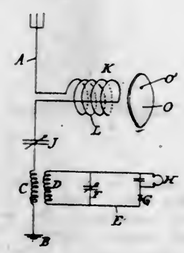
1,571,404. MACHINE FOR PLACING FLIPPER STRIPS ON TIRE BEADS. WALTER GARDOCKY, Conshohocken, Pa. Filed Jan. 21, 1925. Serial No. 3,757. 12 Claims. (Cl. 154—9.)

1. A machine for placing a flipper strip about a tire bead comprising a plurality of rollers and means for driving the same, a tiltable carriage provided with rollers cooperating with the first of said mentioned rollers, a guide block positioned between two of the first mentioned series of rollers and a guide plate positioned above said guide block and extending angularly with relation



to the axes of said rollers for correctly positioning the flipper strip across the bead as it is fed through the rollers.

1,571,405. APPARATUS FOR WAVE CHANGING IN RADIOSIGNALING. ALFRED NORTON GOLDSMITH, New York, N. Y., assignor, by mesne assignments, to Radio Corporation of America, a Corporation of Delaware. Filed July 31, 1919. Serial No. 314,479. 8 Claims. (Cl. 171—242.)



1. A variable inductance for high frequency currents comprising, a pair of spaced coaxial parallel air core coils connected together and a flat shield of conducting material located between said coils, said coils and shield being slidable relative to each other in a direction transverse to the axis of the coils.

1,571,406. INJECTOR. JOAQUIN MORET GONZÁLEZ, Marcane Termino, Palma Soriano, Cuba. Filed Oct. 14, 1924. Serial No. 743,627. 5 Claims. (Cl. 162—1.)

1. In an injector, the combination of a steam inlet, a water inlet, a steam chamber, a plurality of water chambers, an overflow chamber, a starting nozzle providing communication between the steam chamber and the overflow chamber, a steam nozzle providing communication between the steam chamber and the water chambers, and valve operating means adapted when in one position to shut off the supply of steam to the steam chamber, to open the steam nozzle and close the

starting nozzle when in another position, and to establish communication between the steam inlet, steam chambers and overflow chamber when in a position inter-



mediate said other two positions the pressure in said overflow chamber being less than atmospheric pressure when said valve operating means is in its intermediate position.

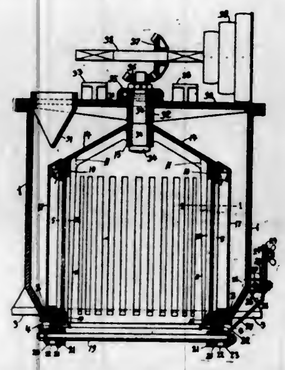
1,571,407. PORTABLE LAMP. WALTER C. GREIST, New Haven, Conn., assignor to The Greist Manufacturing Company, New Haven, Conn., a Corporation of Connecticut. Filed Mar. 12, 1924. Serial No. 698,739. 6 Claims. (Cl. 240—52.)



1. A portable lamp having a base, a clamping member to engage said base, a plurality of pairs of slidably engaged members constituting the stem of the lamp, one pair of said members engaging the base and the other pair of said members engaging the clamping member, said pairs of slidable members being spaced apart and so arranged relatively to each other as to form a closed hollow stem of rectangular cross section, and yielding means enclosed by said stem for drawing the base and clamping member together.

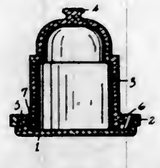
1,571,408. UNIVERSAL GRAIN-CUTTING MACHINE. DAVID GUELBAUM, Syracuse, N. Y. Filed Apr. 15, 1925. Serial No. 23,300. 6 Claims. (Cl. 83—6.)

1. A universal grain cutting machine, comprising a cylindrical grain hopper with an open top and a tapered bottom flanged inside and having a fastened on cover on top, a stationary cylinder with an open top and a flanged bottom fastened to the bottom flange of said hopper and having longitudinal slots for passage of the grain and knives fastened inside along said slots, a ring on top of said stationary cylinder resting on ball bearings and a ring on bottom of said cylinder connected to said top ring by baffles, means for turning said rings with the fastened on baffles for regulating said grain passages, a rotor cylinder inside of said stationary cylinder with an open bottom and a closed dome on top with a hub in centre and having longitudinal slots with fastened on knives and baffles outside rotating in sliding contact over the knives and baffles on said sta-



tionary cylinder, means for supporting and rotating said rotor cylinder, means for micrometrically adjusting and indicating the opening width of said grain passages, substantially as and for the purpose specified.

1,571,409. POULTRY FEEDER. IRA P. HAYES, Eckford, Mich. Filed Oct. 10, 1925. Serial No. 61,694. 2 Claims. (Cl. 119—52.)



1. In a poultry fountain, the combination of a pan-like trough of earthenware having spaced integral rests projecting inwardly from the side wall thereof, and a reservoir of earthenware open at the bottom and having an annular external rib spaced from its lower edge and having notches therein spaced to receive said rests when brought into register therewith permitting the reservoir to rest on the bottom of the trough, said rib being adapted to engage said rests to support the reservoir with its lower edge in spaced relation to the bottom of the trough, the rests engaging the sides of the reservoir constituting positioning means for the reservoir.

1,571,410. HOLDER FOR CIGARETTES AND CIGARS. OSCAR HENDLER, Vienna, Austria. Filed Dec. 4, 1923. Serial No. 678,506. 2 Claims. (Cl. 131—10.)



1. A holder for cigarettes and cigars, comprising in combination a hollow stem, an abutment surface at one end of the said stem, a cap having a central bore and capable of being placed on the said end of the stem

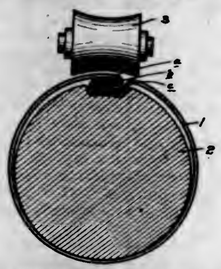
and moved axially with respect to the latter and an elastic annular packing member in the said cap capable of being pressed against the said abutment surface whereby the inner diameter of the annular packing ring is reduced and its inner surface is pressed firmly against the cigarette or cigar, whilst when the cap is removed the said inner diameter is again increased owing to the elastic properties of the ring so that the end of the cigarette or cigar can be easily removed, as and for the purpose set forth.

1,571,411. RESILIENT WHEEL. PINK D. HOLLAND, Saratoga, Tex. Filed May 26, 1924. Serial No. 715,935. 1 Claim. (Cl. 152—29.)



A resilient wheel including a hub, radiating spokes associated with said hub and whose inner ends are spaced from the hub, coil springs surrounding the inner ends of the spokes, one end of each spring being attached to the respective spoke and the other end of each spring being secured to the hub, the onter end of each spoke being formed with an arcuate notch forming a seat, a spiralled arcuate rib in each seat, a rim formed of spiralled spring wire mounted in the spoke seats, the ribs of said seats fitting between turns of said rim to prevent the rim from creeping on the spokes.

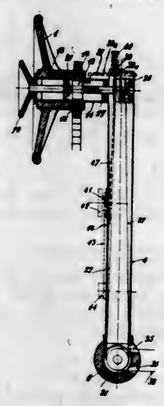
1,571,412. METHOD OF PRODUCING SHEET-METAL PIPE. RICHARD IRVIN, Knoxville, Pa. Filed Dec. 21, 1922. Serial No. 608,306. 1 Claim. (Cl. 29—188.)



The method herein described of producing sheet-metal pipe which consists in shaping from lead-clad metal a blank with interlocked edges and by pressure alone and without any addition of heat, other than that incident to pressure, welding together the interlocked edges.

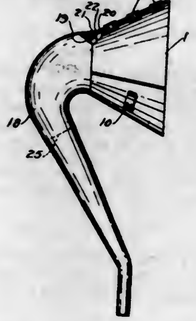
1,571,413. DOUBLE CONTROL OF THE COMBINED TYPE FOR AEROPLANES AND FOR LIKE PURPOSES. PAUL NICOLAS CLAUDE JAMES, Paris, France. Filed May 2, 1924. Serial No. 710,658. 6 Claims. (Cl. 244—29.)

1. An inter-related double steering device for airplanes having two inter-related steering stations, comprising: for each station control elements whereof each is mounted loose with respect to the corresponding steering mechanism, together with a clutching device for clutching the said control element with the said steering mechanism and disengaging the same; means connecting together all of the said clutching devices of the two



stations and so disposed that in the clutched position of the clutches of a given station, the clutches of the other station shall be in the unclutched position; and actuating means provided at each station for actuating the said connecting means from either of the stations at will, in order to effect the clutching of the clutches of the said station.

1,571,414. AMPLIFIER. VERNON W. JENSEN, Seattle, Wash. Filed Mar. 3, 1924. Serial No. 696,434. 1 Claim. (Cl. 181—27.)

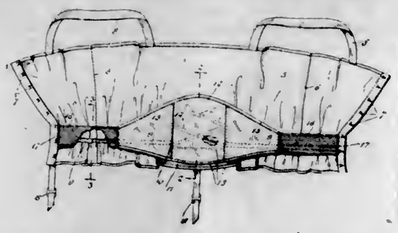


In an amplifier, a plurality of sections conforming to the shell of a frustrum of a cone, said sections being hinged together at their edges with the edge of one section extending beyond the center of the hinge to form a lap joint and one of said joints having the hinges omitted and being provided with a snap for holding the sections together.

1,571,415. BRASSIÈRE. AUGUSTA S. JOHNSON, Brooklyn, N. Y., assignor to Model Brassiere Co., Inc., New York, N. Y., a Corporation of New York. Filed Feb. 21, 1923. Serial No. 620,423. 3 Claims. (Cl. 2—42.)

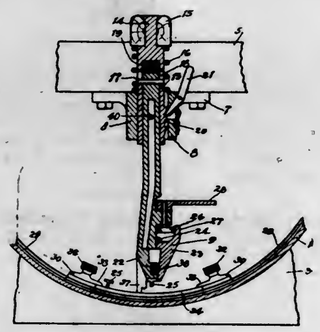
1. A garment comprising a body, a diaphragm reducing pad on the inside of said body at the front thereof and having its lower portion attached thereto and being other-

wise free from said body, flaps extending from opposite sides of said section and elastic bands extending from



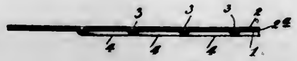
said flaps to the outer edges of said body and attached thereto, said flaps and bands being otherwise free from said body.

1,571,416. MULTIGRAPH RAIL-SOLDERING MACHINE. ALFRED PETER JOHNSTON, Winnipeg, Manitoba, Canada. Filed Aug. 11, 1922. Serial No. 581,201. 4 Claims. (Cl. 113—59.)



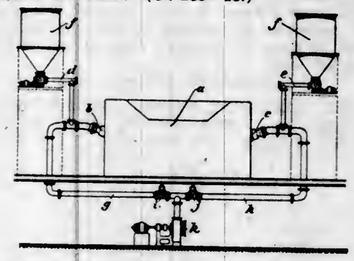
1. In a multigraph rail soldering machine, the combination with an electrotype or stereotype plate and a rail, of a suitably mounted partial drum adapted to receive the plate, means for releasably fastening the plate to the drum, a rotatably mounted shaft passing axially through the drum, a clamp carried by the shaft and supporting the rail, said clamp being movable towards and away from the plate and means for heating the rail carried by the clamp.

1,571,417. FILTERING MEDIUM. EDWARD M. KNIGHT, Brooklyn, N. Y. Filed June 9, 1922. Serial No. 567,226. 1 Claim. (Cl. 210—204.)



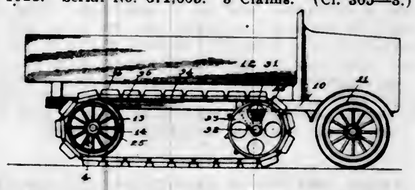
As a new article of manufacture a filter in which the layers of material are designed to be maintained in a vertical position, comprising three layers of material, consisting of two outer vertical layers of fibrous material and one interposed layer of carbon, the whole being pressed and indented along certain lines on one side, thereby forming cells on the opposite side, the walls of the indentations of the carbon layer following closely the indentations of the fibrous material whereby a contacting locking means is provided for the carbon layer so that the thickness of the combined layers is uniform throughout, a maximum filtering surface provided, and the carbon layers secured from displacement and disintegration.

1,571,418. COAL DUST AND AIR SUPPLY IN SIEMENS-MARTIN AND LIKE FURNACES. RICHARD KRAUSS, Frankfort-on-the-Main-Rodelheim, Germany, assignor to Firm of Fellner & Ziegler, Frankfort-on-the-Main, Germany. Filed May 10, 1924. Serial No. 712,391. 5 Claims. (Cl. 263—15.)



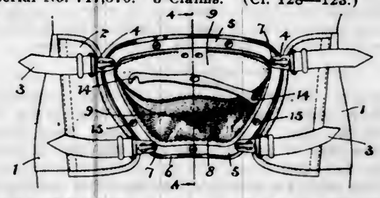
4. The combination with an open-hearth furnace having means to supply air to each furnace head and means to supply pulverized fuel to such air; in combination with air valves controlling the supply of air and means to connect the valve operating device and the fuel supply devices to compel a reversal of the furnace in the following order, first cut off the fuel supply and thereafter the air at one furnace head and simultaneously supply air to the other furnace head and then fuel, and means to maintain a scavenging flow of air through the air supply when in closed condition.

1,571,419. ATTACHMENT FOR TRACTION WHEELS. CHARLES R. LANUS, Pocahontas, Iowa. Filed Nov. 14, 1923. Serial No. 671,605. 5 Claims. (Cl. 305—8.)



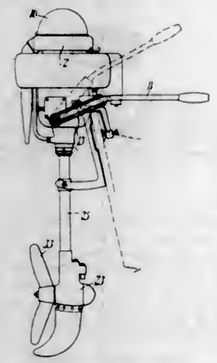
1. In combination, a pair of semi-annular traction members, each formed with an outwardly extending circumferential rib, the edges of said ribs terminating in laterally extending annular flanges, means for detachably securing the adjacent ends of said annular members together, a series of lugs for the laterally extending annular flanges, a linked tread member formed of a series of tread blocks, each provided with a curved plate designed to fit and receive the outer surface of said annular rib, each edge of said curved plate being provided with a link for connecting said tread blocks together, the upper edge of said links being designed to engage the outer surface of said laterally extending annular flanges, each of said links being provided with a laterally extending rib to engage the lugs of said laterally extending annular member.

1,571,420. ABDOMINAL SUPPORT. THOMAS J. LE CRAS, Toronto, Ontario, Canada. Filed Nov. 1, 1924. Serial No. 747,370. 3 Claims. (Cl. 128—123.)



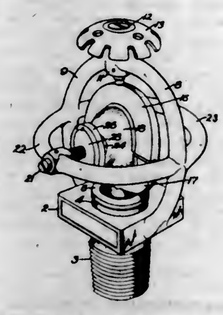
1. An abdominal support, comprising a rigid padded frame of a substantially quadrangular form adapted to cover the main central region of the abdomen, a belt adapted to hold said frame to an adjusted position on the body, a pad hinged to the top of said frame to swing inwardly and of a shape adapted to raise the viscera, and means for rigidly securing the pad in the inward position.

1,571,421. STARTING AND STEERING DEVICE FOR BOAT-PROPELLING APPARATUS. ARVID LIND, Stockholm, Sweden. Filed May 15, 1924. Serial No. 713,598. 5 Claims. (Cl. 715—18.)



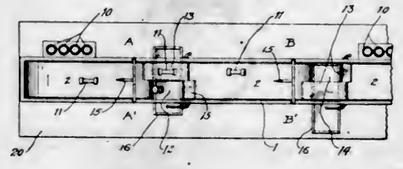
1. A starting and steering device for boat propelling apparatus, comprising a tiller adapted to swing in two directions forming an angle with each other, a member adapted to be rotated by the tiller when the latter is moved in one direction and to remain inoperative when the tiller is moved in the other direction, a toothed sector on said member, an intermediate lever engaged by said sector, a toothed sector pivoted on said lever, a motor shaft, a pinion on the latter adapted to be engaged by the last mentioned toothed sector for starting the motor when the tiller is swung in one direction, a sleeve surrounding the motor shaft, a propeller hub on the lower end of the sleeve, a pinion secured to the upper end of said sleeve, a rack engaging said pinion and secured to the tiller so as to be operated by the latter for turning the propeller hub when the tiller is swung in the other direction.

1,571,422. SPRINKLER HEAD. OSWALD J. LUBBOCK, Alameda, Calif. Filed Nov. 26, 1923. Serial No. 676,927. 11 Claims. (Cl. 169—38.)



1. A sprinkler head having a yoke comprising a pair of rings lying in perpendicular planes, a strut disposed between opposite sides of one of said rings, and means for preventing the collapse of the strut impinged against the other ring.

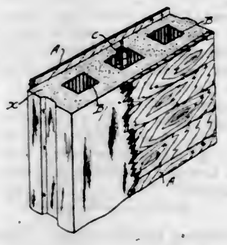
1,571,423. CARRIER-DISTRIBUTING APPARATUS FOR PNEUMATIC-DISPATCH SYSTEMS. JAMES G. MACLAREN, Mamaroneck, N. Y., assignor, by mesne assignments, to The Lamson Company, a Corporation of Massachusetts. Filed Feb. 24, 1921. Serial No. 447,463. 8 Claims. (Cl. 198—83.)



1. A conveyor system comprising means for moving articles along a path of substantial width, said path having a gap at a predetermined point, into which such articles may fall, means for dividing articles moving along said path into laterally separated groups, and independent members adapted respectively to bridge opposite lateral portions of the gap whereby to convey the corresponding group of articles across the gap.

6. A conveyor system comprising a moving conveyor, means for delivering articles to the conveyor, means near the terminus of said conveyor for segregating articles carried thereby into distant groups, means actuable selectively to permit or to prevent delivery of one or more of said groups of articles at the terminus of the conveyor, and a receptacle movable transversely of the direction of movement of the conveyor and positioned to receive articles delivered at the terminus of the conveyor, said receptacle having a plurality of separated compartments.

1,571,424. MOLDING APPARATUS. FREDERICK A. K. MARX, St. Louis, Mo. Filed May 25, 1925. Serial No. 32,655. 3 Claims. (Cl. 25—128.)

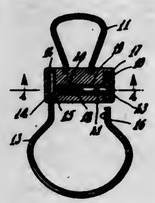


1. A molding apparatus for plastic substances, comprising a mold, and a core shell formed of corrugated cardboard or other inexpensive, non-rigid material arranged inside of said mold and adapted to be left in the article or structure formed in the mold.

1,571,425. KEY HOLDER. JOSEPH MATALONI, Mason City, Iowa. Filed May 5, 1925. Serial No. 28,108. 1 Claim. (Cl. 59—99.)

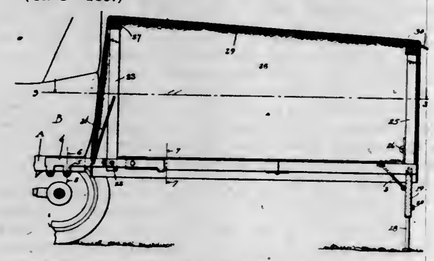
A key-holder comprising a block having two parallel transversal bores therein and a horizontally disposed bore, a wire loop having a circumferential groove in one of its shanks, and a notch in the other, a pin in said block engaging said groove for holding said loop in said block against withdrawal but permitting a rotation of the

same, a spring controlled pin in said horizontal bore adapted to engage the notch in said loop shank for locking the parts in their engaged positions and a means



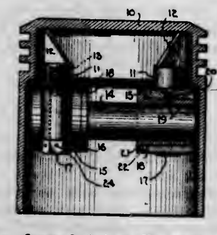
for breaking said engagement to allow an opening and rotation of said loop for the attachment and removal of keys.

1,571,426. COLLAPSIBLE BED AND TENT FOR AUTOMOBILES. MARK B. MITCHELL, Spring Prairie, Wis. Filed Sept. 14, 1923. Serial No. 662,707. 1 Claim. (Cl. 5—119.)



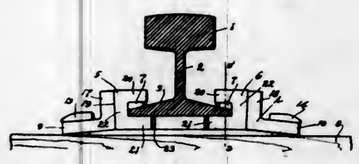
In a device of the class described, a folding bed and tent comprising a frame including head and foot sections hingedly connected together, brackets carried by the frame of an automobile and extending rearwardly therefrom, the forward ends of said brackets being U-shaped in cross-section and adapted to support the side bars of the head section of said frame, the aforesaid U-shaped portions of said brackets having their inner sides bent to form L-shaped supports, said last mentioned side bars being pivotedly connected to said brackets, vertical standards secured to said brackets, bracing means between said standards and brackets, additional standards pivotedly supported at the outer ends of the foot section of said frame, a canopy adapted to extend over said standards and supporting means for the foot section of said frame comprising a pair of pivoted tubular arms, bars adjustably received in said tubular arms and diagonal bracing elements between the frame and said arms, substantially as described.

1,571,427. PISTON FOR ENGINES. TITTISANNA ALFRED MORRIS, Sugarloaf, Pa. Filed Oct. 14, 1922. Serial No. 594,571. 2 Claims. (Cl. 74—108.)



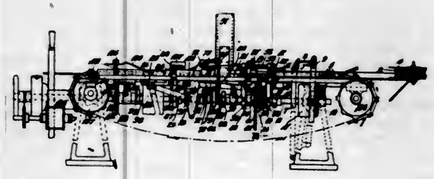
1. A piston formed internally with spaced integral bosses having threaded sockets, a pair of spaced wrist pin bearing boxes having spaced lateral ears engaged against said bosses, threaded securing members passing through said ears and into said sockets, a bushing within each bearing box, the adjacent ends of said bushings being formed with flanges adapted to bear against the opposite sides of a connecting rod mounted upon the wrist pin, whereby to prevent side slap.

1,571,428. RAIL ANCHOR. EDGAR NALDRETT, Edmonton, Alberta, Canada. Filed Mar. 27, 1925. Serial No. 18,909. 10 Claims. (Cl. 238—304.)



1. The combination with a track rail and tie, of a tie plate underlying the rail and secured to the tie and provided with upstanding guides and members anchored to the edges of the rail base and slidably engaging the guides, said guides and members permitting of a movement of the rail in a vertical direction and preventing any lateral displacement thereof during such movement.

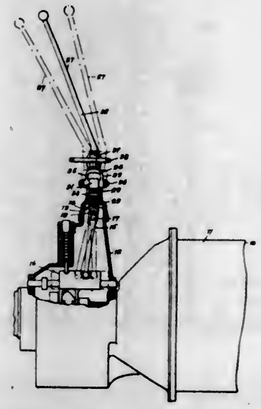
1,571,429. MEANS FOR ATTACHING HINGED LIDS TO RECTANGULAR METAL BOXES. ANDREW FRANCIS NEY, East Kew, Victoria, Australia, assignor to Bryant and May Proprietary Limited, Richmond, Victoria, Australia. Filed Oct. 9, 1922. Serial No. 593,397. 20 Claims. (Cl. 29—11.)



20. In an apparatus for hinging lids to metal boxes having pairs of alined pops, a box support, mechanism for intermeittently moving the support, a wire feed, means to guide one end of a wire into the forward pop of a box, means for severing the inserted wire to form a hinge, a spring actuated clamp adapted to move the pin into alinement with the rear pop of the box, a slide carrying the clamp, means to reciprocate the slide, a gripping member carried by the slide adapted to engage the forward end of the pin during the movement of the slide in one direction, means to raise and lower the gripping member, a lid support at one side of the box, means for elevating the lid support to bring one edge of the lid into engagement with the hinge pin, means to move the lid into open position, means to bend the engaged edge of the lid around the pin, and a guide mounted in the path of the lid to fold the latter onto the box.

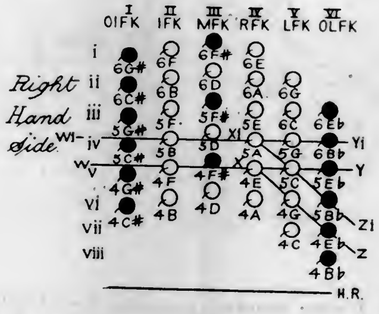
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1. The combination with the gear shifting bar of an automobile transmission, of an operating lever having its lower end detachably mounted on the bar, said lever pivotally supported in upstanding position for being shifted according to different selective adjustments and said lever having movably jointed parts connected to the bar for



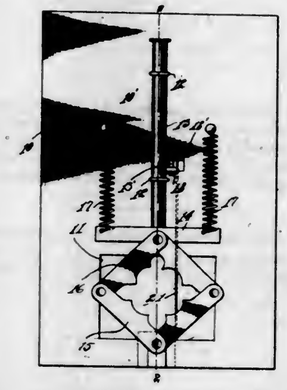
operating with the operation of the lever to move the bar to operate the transmission without changing the standard adjustments of the transmission.

1,571,431. CONCERTINA KEYBOARD. FRANCIS STANHOPE PITT-TAYLOR, Blackpool, England. Filed Feb. 25, 1925. Serial No. 11,510. 8 Claims. (Cl. 84—376.)



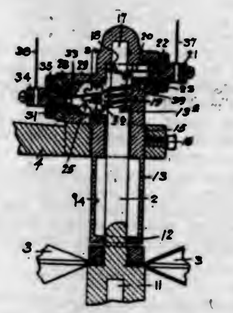
3. In a concertina having two chromatic keyboards, one keyboard particularly adapted to one hand, the other keyboard to the other hand of the player, having its keys grouped in parallel rows parallel to the handrail, the rows being placed one above the other so as to form six lines of keys which are perpendicular to the straight line of the handrail, each row in the body of the keyboard having six keys, the twelve different notes of each octave being sounded by two sets of six keys, one set being placed above the other, each set being distributed over three transverse rows of keys and each octave over four rows of keys, so that one note is sounded by one key in one transverse row, another note is sounded by another key in the second transverse row, and the remaining notes in the semi-octave are sounded by the remaining keys in the third transverse row, having one set of every pair to sound the notes B flat, C, A, D, B, and C sharp, and the other set of every pair to sound the notes E flat, G, E, F sharp, F, and G sharp, so that the keys of every alternate row sound
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1,571,432. ANIMAL TRAP. HARVEY A. POWELL, Haleyville, Ala. Filed June 2, 1925. Serial No. 34,372. 3 Claims. (Cl. 43—85.)



1. An animal trap including a housing having an opening, a frame disposed opposite the opening and including pivotally connected links, one of the pivotal connections being movably connected to the housing, a rod slidable on the housing and pivotally connected to another pivotal connection of the frame, means for normally urging the frame into collapsed position, trip means for holding the frame in open position, and a detent engaging with the rod for holding the frame in collapsed position after the trap has been sprung.

1,571,433. CURRENT METER. WILLIAM G. PRICE, Yakima, Wash., assignor to W. & L. E. Gurley, Troy, N. Y., a Corporation of New York. Filed Nov. 21, 1922. Serial No. 602,446. 4 Claims. (Cl. 200—19.)



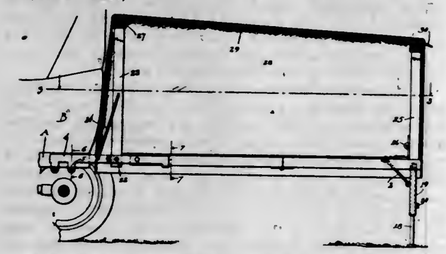
2. A current meter comprising an electric make-and-break device comprising an insulated gear wheel having an annular groove, a metal shaft carrying said gear wheel, a metal lug on said shaft projecting into said groove, and a resilient electric contact member resting in said groove and making and breaking electric contact with said lug as said gear wheel revolves.

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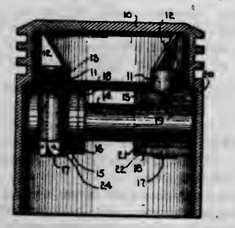
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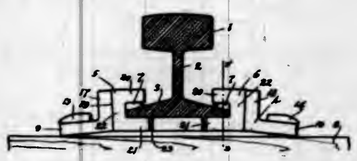
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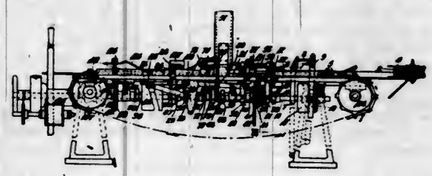
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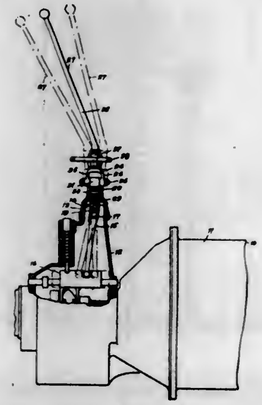
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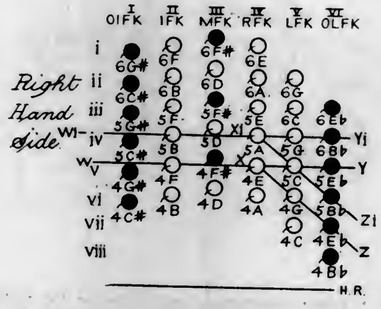
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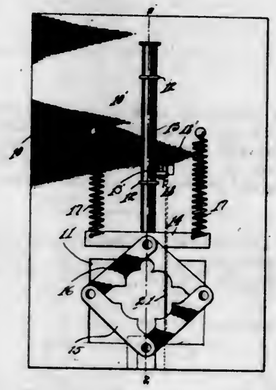
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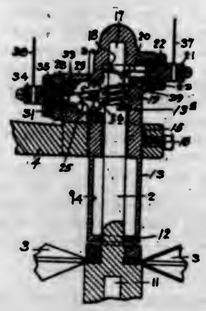
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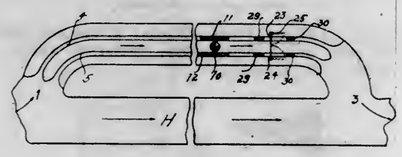
1. An animal trap including a housing having an opening, a frame disposed opposite the opening and including pivotally connected links, one of the pivotal connections being movably connected to the housing, a rod slidable on the housing and pivotally connected to another pivotal connection of the frame, means for normally urging the frame into collapsed position, trip means for holding the frame in open position, and a detent engaging with the rod for holding the frame in collapsed position after the trap has been sprung.

1,571,433. CURRENT METER. WILLIAM G. PRICE, Yakima, Wash., assignor to W. & L. E. Gurley, Troy, N. Y., a Corporation of New York. Filed Nov. 21, 1922. Serial No. 602,446. 4 Claims. (Cl. 200—19.)



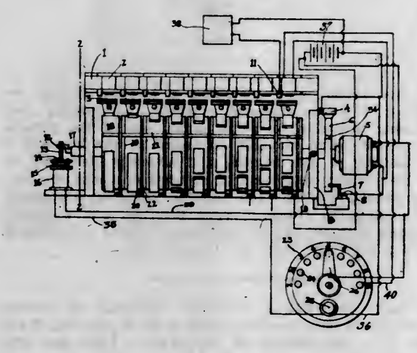
2. A current meter comprising an electric make-and-break device comprising an insulated gear wheel having an annular groove, a metal shaft carrying said gear wheel, a metal lug on said shaft projecting into said groove, and a resilient electric contact member resting in said groove and making and breaking electric contact with said lug as said gear wheel revolves.

1,571,434. AMUSEMENT TRACKWAY. WILLIAM RAY, Spokane, Wash. Filed July 20, 1925. Serial No. 44,751. 2 Claims. (Cl. 104—63.)



1. A fixed undulating roadway having depressions of sufficient depth as to obscure the forward vision of a car-driver, a removable obstruction in a depression, vehicle actuated means for removing said obstruction, and means for returning said obstruction to normal position.

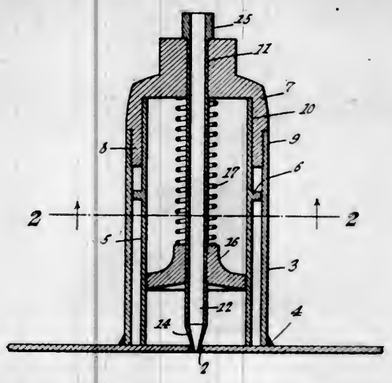
1,571,435. AUTOMATIC TELEPHONE RINGER. ELDRED THURSTON RICHEY, Le Blanc, La. Filed May 27, 1924. Serial No. 716,133. 1 Claim. (Cl. 179—84.)



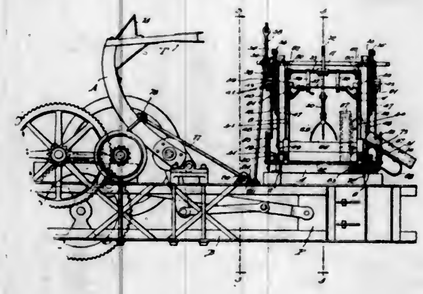
An automatic telephone ringer comprising a motor, a disk mounted upon the shaft of the motor, a plate mounted upon the periphery of the disk, contact members engaging said plate, a battery connected with the contact members and the motor, a telephone connected with the battery, a selective switch device connected with the battery, disks mounted upon the shaft of the motor and having spaced plates, contacts adapted to engage the last mentioned disks, a magnet for moving one of the last mentioned contacts and electrically connected with the point switch mechanism, a terminal located in the path of movement of said contact and electrically connected with the telephone instrument, and a magnet operatively connected with the shaft of the motor and electrically connected with the a push button and the battery.

1,571,436. GREASING AND OILING DEVICE. SAM SPARROW RUNDELL, Bogalusa, La., assignor of forty-nine one-hundredths to H. J. Cowgill and J. H. Slaughter, both of Bogalusa, La. Filed Jan. 11, 1924. Serial No. 685,670. 3 Claims. (Cl. 184—45.)

1. In a device of the class described, a casing provided in one end with an opening, a cap removably mounted on the other end of the casing, a sleeve within the casing and engaged with the first specified end of the casing, and with the cap, a tube carried by the cap and discharging into the opening, a follower slidable in the sleeve and on the tube, and a compression spring surrounding a portion of the tube, one end of the spring abutting against the follower and the other end of the spring abutting against the cap.



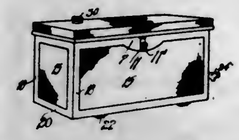
1,571,437. BALING-PRESS FEEDER. WILLIAM CHESTER RUTH, Gap, Pa., assignor of one-half to Howard L. Rutter, Gap, Pa. Filed June 18, 1925. Serial No. 38,033. 22 Claims. (Cl. 100—25.)



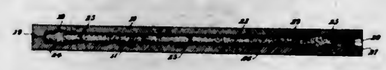
1. A feeder comprising a guideway for the material to be handled, a shaft extending transversely of said guideway out of the path of the material, feeding means operatively associated with said guideway, an arm on the shaft operatively connected with said feeding means for operating the latter, an oscillatory actuator mounted on said shaft adjacent said arm, means for oscillating said actuator, a latch member mounted movably on said arm and engaged with said actuator, and means connected to said latch for releasing the same from said actuator while the latter is in motion.

1,571,438. PROVISION SAFE. HENRY S. SCHOPF, Spokane, Wash. Filed Apr. 2, 1925. Serial No. 20,181. 8 Claims. (Cl. 62—9.)

3. The combination with a flanged rectangular, perforated bottom plate having exterior corner posts, intermediate posts, and an upper frame member supported on said intermediate posts, of a porous sheathing supported within the bottom plate and corner posts and exterior of the upper frame member, a lower rectangular frame member within the sheathing and fixed to the bottom plate, a rectangular food box having a top horizontal flange and vertical flange projecting therefrom fitted over the upper frame member for supporting said box and forming a water jacket within the sheathing, a lid hinged to the food box and fashioned with a water jacket, and a porous sheathing over said jacket.

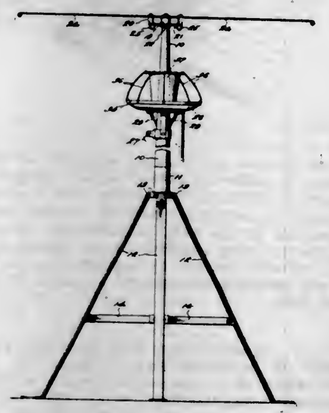


1,571,439. PERMANENT MOLD FOR CASTING RADIATOR SECTIONS AND THE LIKE. CHARLES BENJAMIN SEEM, Buffalo, N. Y. Filed Oct. 7, 1924. Serial No. 742,141. 1 Claim. (Cl. 22—184.)



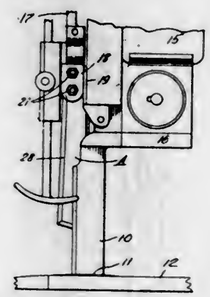
A permanent metal mold for castings comprising mating halves, clamps adapted to lock the halves together, a core, means for positioning the core in the mold cavity, said means including lugs on the core and corresponding pockets in the mating mold halves, the mold cavity including longitudinal recesses in the mold-halves and transverse depressions connecting the recesses, bracing elements for the casting walls inserted in the core and contacting with their ends the opposite sides of the mold cavity, said elements remaining in the finished casting.

1,571,440. RACK. GROVER C. SMITH, Ogden, Utah, assignor of one-half to James Rosborough Smith, Ogden, Utah. Filed Oct. 13, 1922. Serial No. 594,808. 12 Claims. (Cl. 34—26.)



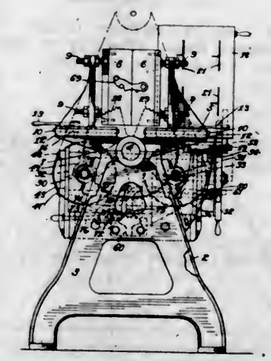
9. In combination, a tubular post, a folding support for said post, a collapsible clothes rack supported at the top of said post, a clamp surrounding said post and adjustable thereon, an electric heating element, and means supported from said clamp for positioning said heating element and for reflecting the heat therefrom upwardly and outwardly toward the clothes suspended on said rack.

1,571,441. KNIFE FOR CLOTH-CUTTING MACHINES OR THE LIKE. GEORGE E. ULRICH, Buffalo, N. Y., assignor to Eastman Machine Company, Buffalo, N. Y. Filed May 28, 1924. Serial No. 716,367. 4 Claims. (Cl. 164—75.)



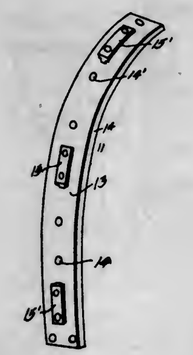
1. In a cloth cutting machine of the character described, a standard having a knife guiding slot therein, and a reciprocable cutting knife the rear portion of which is shaped to remove the lint and other accumulations from all parts of said guide slot.

1,571,442. CORE-MAKING MACHINE. KNUT E. WAHLGREN, Valley Stream, and REINHART W. PITTMAN, New York, N. Y.; said Pittman assignor to said Wahlgren. Filed July 24, 1924. Serial No. 727,881. 10 Claims. (Cl. 22—10.)



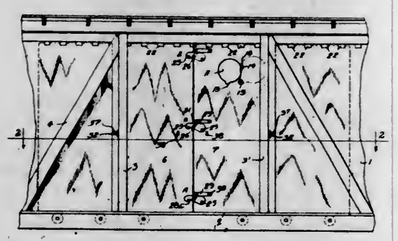
1. In a core forming machine, a main frame, a pair of mold supports each movably mounted on the frame, whereby the molds can be swung independently to bring the faces together, and whereby the engaged molds can be swung together in fixed relative position, a driving member, and an automatic control member connecting the driving member with the mold supports and shiftable to a number of different positions, whereby control member will cause the molds to be first brought to opposite horizontal positions, then cause both molds to be swung to bring their faces together in a vertical plane, and then cause the engaged molds to be shifted to a position with said core faces horizontal and one mold inverted, and then cause the inverted mold to be shifted back to its normal horizontal positon, said operations being effected in said sequence by successive advance movements of the control member.

1,571,443. BRAKE LINING. CARL ANDERSON, Rosa, Wash., assignor of one-half to Thomas C. Doolittle, Rosa, Wash. Filed Dec. 12, 1924. Serial No. 755,438. 3 Claims. (Cl. 188—248.)



2. The combination with a slotted brake band having an integral abutment, an undergrooved lug and a bifurcated base flange on said lug, of a lining section having a grooved tongue adapted to engage said abutment and slidable in the slotted brake band, a second grooved tongue on said section, a spring latch on said base flange and a retaining hook on said latch adapted to engage the second tongue.

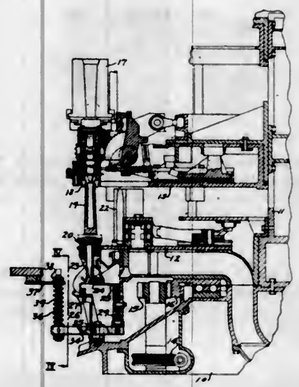
1,571,444. GRAIN-CAR-DOOR LATCH. PETER M. BOZICH, Spokane, Wash. Filed July 17, 1923. Serial No. 652,028. 1 Claim. (Cl. 292—108.)



In a latch for sliding doors, the combination with a keeper-socket and a transversely extending pin, of a pivoted latch comprising a pair of rigidly spaced hooks adapted to co-act with said pin and socket, and a spring detent for retaining said hooks in engaged position.

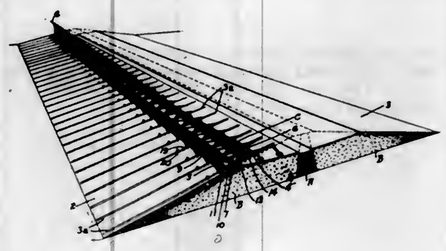
1,571,445. MACHINE FOR FORMING GLASS ARTICLES. ALBERT N. CRAMER, Toledo, Ohio, assignor to The Owens Bottle Company, Toledo, Ohio, a Corporation of Ohio. Filed July 21, 1923. Serial No. 652,922. 10 Claims. (Cl. 49—9.)

1. In a glass blowing machine, the combination of a traveling mold carriage, means thereon to support a bare parison in a depending position, a mold bottom beneath said parison arranged to engage the latter during the travel of the mold carriage, and means separate from the mold carriage and stationary during the travel



of the mold carriage for effecting a vertical adjustment of the mold bottom relatively to the parison supporting means.

1,571,446. HYDRAULIC-FILL-DAM-BUILDING MACHINE. JULIUS M. HOWELLS, Oakland, Calif. Filed July 28, 1924. Serial No. 728,629. 6 Claims. (Cl. 61—30.)



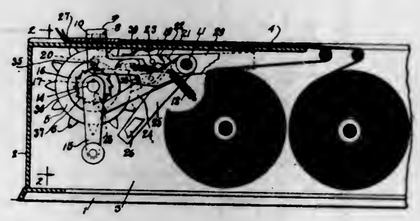
1. A machine for building hydraulic-fill dams comprising a grade-establishing support disposed transversely of the dam and parallel with one slope face thereof, a superstructure mounted thereon and movable transversely of the dam, means carried by said structure for delivering material for the construction of the dam, and means carried by said structure for segregating and depositing the material at points longitudinally of the dam.

1,571,447. COMPOSITION FOR MOLDING AND PROCESS OF MAKING SAME. TREVOR S. HUXHAM, Bloomfield, N. J., assignor, by mesne assignments, to Carleton Ellis, Montclair, N. J. Filed Oct. 2, 1922. Serial No. 591,942. 11 Claims. (Cl. 106—22.)

4. The process of making a molding composition which comprises intimately mixing a synthetic resin which exhibits a tendency to sticking during hot molding operations and a filler with a few per cent of a water insoluble metallic soap.

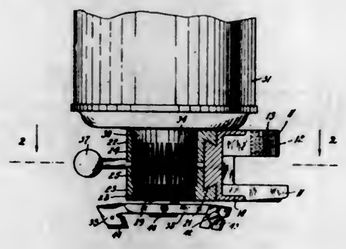
7. A molding composition comprising furfural resin, and a metallic soap.

1,571,448. AUTOGRAPHIC REGISTER. ARTHUR A. JOHNSON, Bridgeport, Conn., assignor to The Egry Register Company, Dayton, Ohio, a Corporation of Ohio. Filed Feb. 9, 1924. Serial No. 691,787. 7 Claims. (Cl. 281—11.)



1. In an autographic register the combination of a platen over which webs are fed; pin-wheels for feeding said webs; a driver for said pin-wheels; a clutch for connecting said driver to said pin-wheels; and means under the control of the webs and operated by the driver for breaking the connection between said pin-wheels and driver.

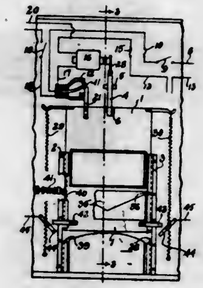
1,571,449. PLANER. JOHN KANDERA, New York, N. Y. Filed Dec. 2, 1924. Serial No. 753,441. 2 Claims. (Cl. 144—2.)



1. A portable surface treating machine comprising a rail, two clamping jaws shiftable longitudinally on said rail, an electric motor having a bearing member extending oscillatably through said jaws, the outer end of said bearing member being provided with screw-threads in mesh with threads on one of said jaws, a cutting tool associated with said motor disposed beyond said jaws, and coacting means on said bearing member and one of said jaws for oscillating said bearing member and thereby causing said screw-threaded clamping jaw to move toward or recede from the other one of said clamping jaws.

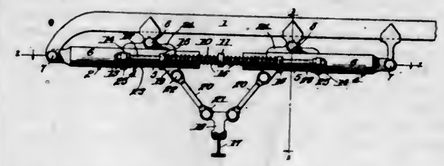
1,571,450. PROTECTIVE APPARATUS FOR BANK WINDOWS AND THE LIKE. DAVID KAUFMAN, New York, N. Y. Filed Mar. 10, 1925. Serial No. 14,584. 2 Claims. (Cl. 268—2.)

1. In protective apparatus for bank windows and the like, in combination, a bullet proof shield positioned at the rear of said window and slidable vertically, a latch member holding said shield in raised open position, electrically operated means for releasing said latch, means adapted to substantially instantly lower said shield to closed position upon release of said latch, a member hinged to the inner side of said shield adjacent the lower portion thereof, means normally holding said member folded upwardly against said shield, and means adapted



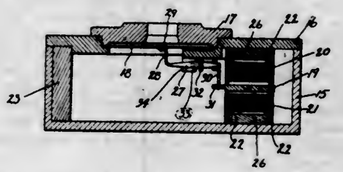
upon said shield moving downwardly to permit said member to swing downwardly away from the surface of said shield, said member having a surface adapted to deflect bullets.

1,571,451. AUTOMOBILE SPRING DEVICE. FRANK G. KRAKAN, Pittsburgh, Pa. Filed Mar. 7, 1925. Serial No. 13,795. 4 Claims. (Cl. 267—60.)



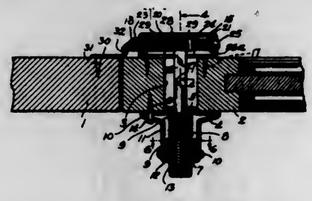
1. A spring of the class described having fixed cylinders, slidable cylinders telescoped therein, compression springs in said cylinders, a rod along which the slidable cylinders move, side rods, means on the slidable cylinders movable along said side rods, and compression springs on said side rods engaging the first rods and engageable by said means.

1,571,452. AMPLIFIER FOR RADIOPHONES. JOHN J. LOW, Santa Ana, Calif. Filed Oct. 21, 1922. Serial No. 595,934. 3 Claims. (Cl. 179—114.)



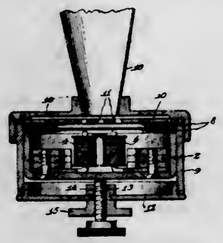
1. An ampilfier of the character described comprising a source of magnetism of constant flux density, a second source of magnetism of varying flux density, an armature operable by the sources of magnetism, a casing of diagrammatic material for preventing the first source of magnetism setting up counter-currents in the second source of magnetism, a diaphragm operable by the armature, and adjustable means for operatively connecting the armature and diaphragm for varying the intensity of the vibrations transmitted to the diaphragm from the armature.

1,571,453. LATCH. CURTIS MAXON, Los Angeles, Calif. Filed July 7, 1924. Serial No. 724,622. 5 Claims. (Cl. 292—170.)



1. A latch adapted to be mounted upon a support having a hole therethrough, said latch comprising a bolt adapted for retraction and projection, operating mechanism movable in said hole, an actuating connection between said operating mechanism and said bolt, a member on said support having said operating mechanism projecting therethrough, said member having a projection extending into said hole for centering the operating mechanism therein, a casing on the projecting end of said operating mechanism, and attaching means extending through said casing and said centering member into said support.

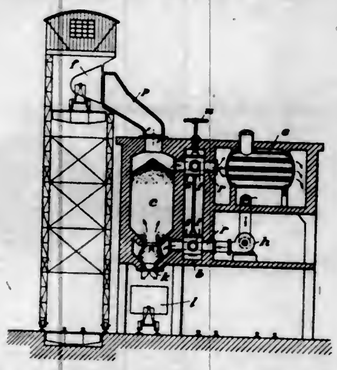
1,571,454. TELEPHONE-RECEIVER UNIT. VAUGHN E. MORRISON, Detroit, Mich., assignor, by direct and mesne assignments, to Morrison Laboratories, Incorporated, a Corporation of Michigan. Filed Feb. 3, 1923. Serial No. 616,681. 7 Claims. (Cl. 179—115.)



1. A device of the character described comprising a casing having an open side, a shell within which the casing is slidable, an electro-magnet mounted within the casing and provided with pole pieces directed toward the open side fo the casing, a diaphragm supported across the open side of the casing and adjacent the pole pieces and free from engagement with the shell, an apertured cover plate secured to the shell and arranged to limit movement of the diaphragm in one direction, resilient means arranged between the diaphragm and casing, and means carried by the shell for moving the casing to compress the resilient means and so adjust the pole pieces toward the diaphragm.

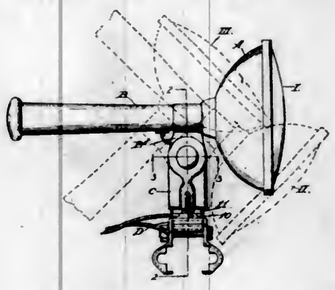
1,571,455. PLANT FOR COOLING HOT COKE AND UTILIZING THE HEAT LIBERATED THEREBY. ARNOLD MONTTELI, Oberwinterthur, Switzerland. Filed Jan. 19, 1922. Serial No. 530,487. 2 Claims. (Cl. 122—27.)

1. A plant for dry cooling hot coke comprising at least two coke cooling chambers, at least two heat exchanging devices, means for circulating cooling gases in a closed circuit through each cooling chamber and the corresponding heat exchanging device, and means whereby each cooling chamber may be selectively connected with any or all of at least two heat exchanging devices and each heat exchanging device may be selectively connected with at



least two cooling chambers, said means maintaining a closed circuit between the interconnected cooling chambers and heat exchanging devices.

1,571,456. SPOTLIGHT RANGE-LIMITING DEVICE. JOHN K. OLSEN, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed Dec. 29, 1924. Serial No. 758,526. 5 Claims. (Cl. 240—61.)

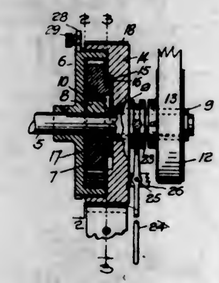


1. A lamp body and a supporting means for the same comprising a primary stem of the lamp body and a secondary stem on which the primary stem is pivotally supported, and a fixed support on which the secondary stem is pivotally mounted, each of said pivotal joints having about the pivot axis, a plurality of contacting disks comprised in the lamp energizing circuit carried by and insulated from the pivoted parts respectively, and having insulated areas of their respectively contacting surfaces of angular extent and relatively distributed for interrupting the current throughout a predetermined range of angular adjustment; whereby the lamp is automatically extinguished upon its adjustment about both pivots to any position within the ranges respectively predetermined by the angular extent and distribution of said insulated areas.

1,571,457. TRANSMISSION GEARING. FRANCIS LEONARD ORR, Denver, Colo. Filed Nov. 30, 1921. Serial No. 518,867. 5 Claims. (Cl. 74—34.)

1. In a transmission gearing, an internal gear-wheel, an external gear-wheel mounted to move eccentrically about the axis of the internal gear-wheel in the circle of the teeth thereof, a rotary drum adapted to guide the

external gear-wheel in its eccentric movement when held against rotation and to rotate with the same when released, said drum having a lateral movement to frictionally engage with the internal gear-wheel, a brake for locking the drum against rotation, and a lever to move the drum into engagement with the internal gear-wheel.

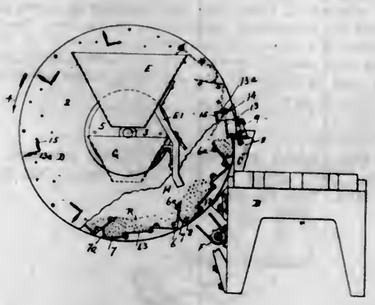


1,571,458. ELECTROMAGNETIC PRODUCTION OF DIRECT CURRENT WITHOUT FLUCTUATIONS. MICHAEL I. PUPIN, Norfolk, Conn., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Dec. 31, 1915. Serial No. 69,566. 6 Claims. (Cl. 171—97.)



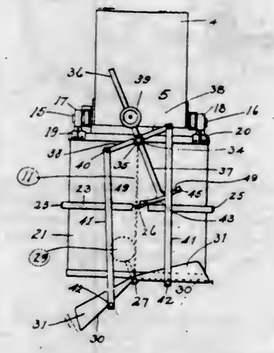
1. A dynamo electric generator producing uni-directional periodically fluctuating electromotive force and current, in series with an aperiodic pilot conductor made up of unit sections containing reactance and resistance so adjusted as to afford high attenuation power for fluctuations in the generated electromotive force and current.

1,571,459. AUTOMATIC MEASURING MACHINE. DAVID W. RIPLEY, Fresno, Calif. Refiled for abandoned application Serial No. 547,611, filed Mar. 29, 1922. This application filed June 1, 1925. Serial No. 34,251. 5 Claims. (Cl. 221—135.)



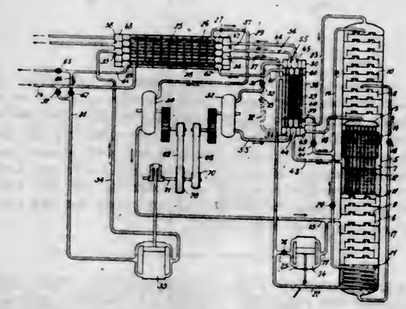
1. In combination with a measuring device having a revolvable container, openings within the container for placing merchandise therein, a pocket within the container positioned so it will be dragged through the merchandise with the mouth of the pocket forward on the line of travel, said pocket having a bottom adapted to be opened, means for normally holding the bottom in a closed position, and means for opening the bottom at a fixed point in the revolution of the container.

1,571,460. AUTOMATIC WEIGHING MACHINE. JAMES B. VAN DEREN, Hennessey, Okla. Filed Aug. 10, 1920. Serial No. 402,619. 7 Claims. (Cl. 249—29.)



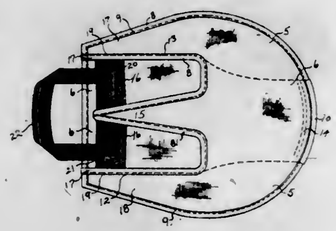
1. In combination, a receptacle divided into two equal chambers, an oscillating feed-pan centrally pivoted to the bottom of the receptacle and comprising halves inclined at an angle to each other; an oscillating weighted arm mounted upon one side of the receptacle; and links connecting said arm with respective sides of said feed-pan.

1,571,461. SEPARATION OF THE CONSTITUENTS OF GASEOUS MIXTURES. CLAUDE C. VAN NUYS, Cranford, and WALTER WILKINSON, Jersey City, N. J., assignors to Air Reduction Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 24, 1924. Serial No. 722,036. 33 Claims. (Cl. 183—115.)



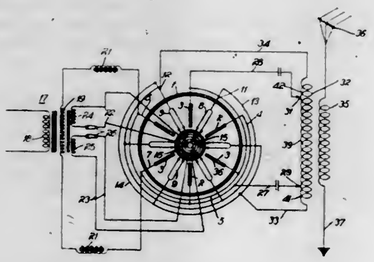
1. The method of separating the constituents of gaseous mixtures, which comprises compressing, cooling and partially expanding the gaseous mixture, subjecting the expanded gaseous mixture to liquefaction, liquefying a gaseous medium at a pressure exceeding the initial pressure of the gaseous mixture and combining the liquids under rectifying conditions.

1,571,462. BATHING SHOE. CHARLES R. WALDRON and STEPHEN G. STEVENSON, Elyria, Ohio. Filed May 1, 1925. Serial No. 27,142. 5 Claims. (Cl. 9—21.)



1. A swimming shoe comprising an enlarged fabric upper, a sole portion, a wire frame attached to and extending substantially around the periphery of said upper, and elastic means secured to the said upper to firmly secure the shoe to the wearer's foot.

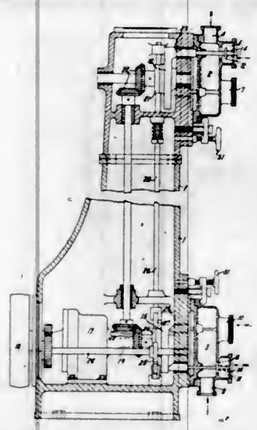
1,571,463. OSCILLATION-GENERATOR SYSTEM. VLADIMIR K. ZWORYKIN, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 19, 1921. Serial No. 485,948. 17 Claims. (Cl. 250—36.)



1. An electronic device embodying a plurality of serially disposed electrodes, the opposite sides of each electrode having such characteristics that they are maintained in different degrees of electron-emissivity by the passage of an arc current therebetween, and connections including a source of alternating potential whereby each electrode alternately serves as a cathode for the electrode on one side thereof and as an anode for the electrode on the other side thereof.

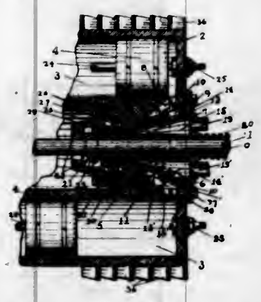
1,571,464. MEANS FOR CONTROLLING THE DELIVERY OF LIQUIDS. FREDERICK CHARLES AUGUST, Enfield, England. Filed July 3, 1923. Serial No. 649,204. 3 Claims. (Cl. 137—21.)

1. In combination with a plurality of holders for containing liquid, each holder having an inlet and an outlet, a valve box having connections with the inlets of said holders, inlet valves fitted to said box controlling said connections, a valve box having connections with the outlets of said holders, delivery valves fitted to said second box controlling said last named connections, a valve actuator for actuating said inlet valves successively, a valve actuator for actuating said delivery valves successively,



means for rotating said actuators, and intermittently operating means for imparting periodically a turning movement to each actuator.

1,571,465. ROTARY ENGINE VALVE. JOSEPH H. BAIR, Camp Hill, Pa. Filed Mar. 9, 1922. Serial No. 542,271. 6 Claims. (Cl. 123—43.)



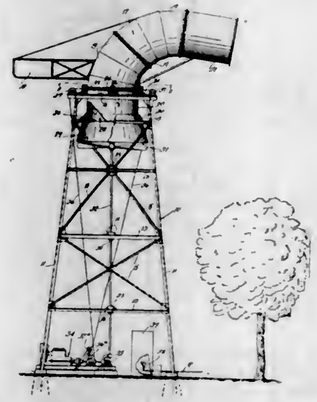
1. In a rotary engine valve the combination of an outer member, a stationary two chambered inner member and an interposed member all conforming together by means of a taper and cylindrical ends provided thereon and each member having ports to register successively, and a gear arrangement for controlling their speed, substantially as described.

1,571,466. HEEL PROTECTOR. EMIL BARTHES, Salinas, Calif. Filed Feb. 11, 1925. Serial No. 8,413. 1 Claim. (Cl. 36—72.)



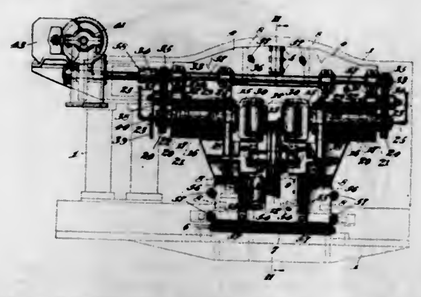
A heel protector comprising a casing having flexible side and rear portions formed in one piece and adapted to loosely fit over and about the heel and rear portion of a shoe and a bottom portion adapted to fit over the bottom of the heel, the top and front portion of the casing being open and circumscribed by the marginal portion of the protector at the top of the casing and at the front edges of the casing and heel portion thereof, and spring means carried by the casing and adapted to resiliently engage the sides of the shoe in a manner holding the casing against displacement from the shoe.

1,571,467. TEMPERATURE-REGULATING DEVICE FOR ORCHARDS. EDWARD S. COBB, Los Angeles, Calif., assignor to Cobb Temperature Regulator Co., Los Angeles, Calif., a Corporation of California. Filed June 24, 1924. Serial No. 722,177. 10 Claims. (Cl. 126—59.5.)



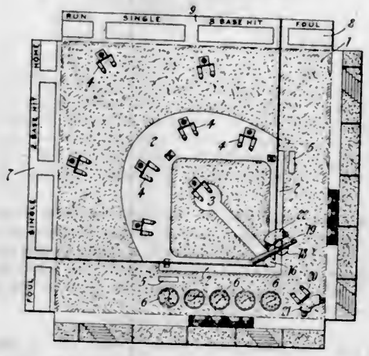
1. Plantation protecting apparatus of the character described, embodying a supporting structure extending to a point above the plantings to be protected, a director mounted at the top of the structure and having its inlet orifice opening to the atmosphere at a point above the base of the supporting structure, and means adjacent the inlet orifices and adapted to deliver unconfined air to the director and then force it through and out the director, said director being adapted to direct such air outwardly above the plantings to be protected.

1,571,468. WHEEL MILL. BENJAMIN F. FAUNCE, Johnstown, Pa. Filed Aug. 27, 1921. Serial No. 496,124. 14 Claims. (Cl. 80—16.)



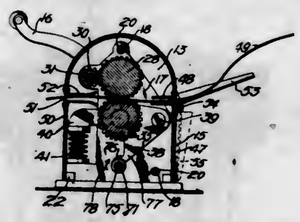
13. In a wheel mill provided with a front frame, a rim edging roll rotatably mounted thereon in a fork, an internally screw-threaded shank forming part of said fork, a screw mounted in said thread, power operating means adapted to rotate said screw, a rotatable sleeve mounted in a socket in an integral bracket of the front frame in which said shank is mounted and adapted to be moved longitudinally thereof, a flange projecting from said sleeve and a corresponding flange on the bracket, and means for rotatably adjusting said sleeve and clamping it by the said flanges in position desired.

1,571,469. BASEBALL GAME. FRANK H. FREDETTE, Newark, N. J. Filed Nov. 6, 1924. Serial No. 748,124. 8 Claims. (Cl. 273—89.)



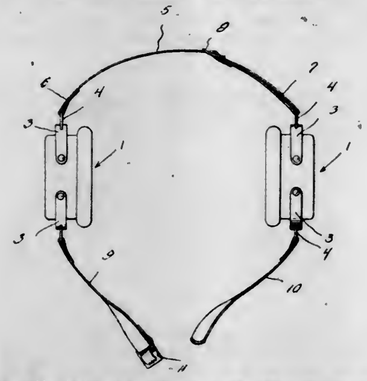
1. In a baseball game, the combination of a board having a marginal barrier thereon, a miniature baseball diamond laid out upon said board, manikin players distributed about said diamond in the usual stations occupied by such players, each player being movably secured in the station whereby said player may be faced in the direction of any other player on the field, each of said players having means for catching and holding a miniature ball, and also means for flipping said ball away from said player.

1,571,470. CHECK PROTECTOR. THOMAS R. GABEL, Los Angeles, Calif., assignor to Code, Check Guard Company, a Corporation of California. Filed Mar. 19, 1923. Serial No. 626,055. 12 Claims. (Cl. 101—24.)



1. In a protective device of the class described, the combination of: a cylindrical die having extruder points formed substantially throughout the entire cylindrical face thereof: a cooperating roller having indentations formed therein into which said extruder points extend when said cylinder is rotated in conjunction with said cooperating roller; resilient means for holding said cylinder and said roller pressurably together; and releasing means for separating said cylinder and said cooperating roller so as to allow passage of a sheet therebetween without imprint of said extruder points.

1,571,471. RADIOHEADGEAR. MICHAEL FRANCIS GALAYDA, Pageton, W. Va. Filed JAN. 29, 1925. Serial No. 5,528. 3 Claims. (Cl. 179—156.)



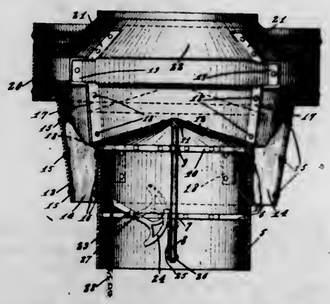
1. A radio head gear of the class described including a pair of ear phones, a pair of yokes, fastened to each phone on opposite sides thereof, a flexible and adjustable strap connected at its ends with the yokes at the tops of said phones, and a connection between the lower pair of yokes.

1,571,472. AEROPLANE KITE. PAUL A. GOURTOFF, Edgemere, Long Island, N. Y. Filed Aug. 23, 1923. Serial No. 659,001. 6 Claims. (Cl. 244—12.)



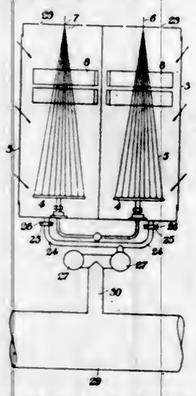
1. An aeroplane kite comprising three sticks fastened together and substantially in contact near their ends, said sticks being bowed out from each other at their intermediate portions, a pair of planes at the bowed out portions, one of which comes transversely across two of said sticks, the other plane coming transversely across the other of said sticks and bracing means extending from one stick to the other at their bowed out portions.

1,571,473. ROOF VENTILATOR. CHARLES C. GRIDLEY, Columbus, Ohio. Filed Oct. 4, 1924. Serial No. 741,746. 1 Claim. (Cl. 98—4.)



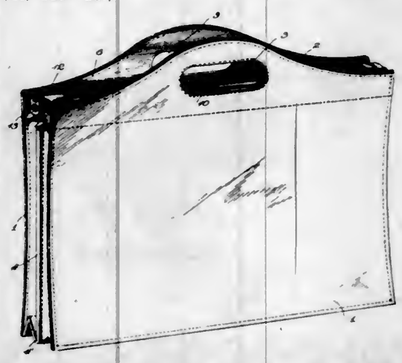
A ventilator comprising the combination of a pipe section, shields arranged at the upper end of the pipe section and disposed in spaced relation with each other, transversely disposed bars positioned within the pipe section and having central bearings, a rod extended through the bearings, a cap positioned on the upper end of the rod and adapted to normally close the upper end of the pipe section, a pivoted lever having a curved head arranged adjacent to the rod, a flexible member connecting one end of the curved head to the rod and means operatively connected to the lever for adjusting the rod vertically.

1,571,474. APPARATUS FOR THE MANUFACTURE OF ARTIFICIAL THREADS OR FILAMENTS. NICOLAS BENOIT GRILLET, Neuilly, France, assignor to Societe pour la Fabrication de la Soie "Rhodiaseta," Paris, France. Filed Mar. 5, 1924. Serial No. 697,029. 16 Claims. (Cl. 18—8.)



1. In the manufacture of threads by spinning a viscous fluid containing a volatile solvent into elementary fibres in a heated gaseous current passing through a cell, means for causing the said gaseous current to pass through the said cell and means for regulating the evaporation of solvent in a group comprising a great number of cells by acting on the temperature of the gaseous current, said means comprising a double series of temperature controlling elements identical to one another for the whole of each group and for each cell of the group, a current of temperature controlling fluid passing in each said series of elements in opposite directions.

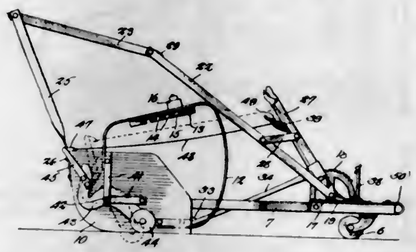
1,571,475. BRIEF BAG. HENRY J. GUENTHER, New York, N. Y., assignor to Therman Leather Goods Co., Inc., New York, N. Y., a Corporation of New York. Filed June 19, 1925. Serial No. 38,176. 2 Claims. (Cl. 150—28.)



1. A brief bag comprising sides forming the confining walls for the main portion of the bag having integral upward extensions and provided with openings in the

extensions to form handles, flaps secured to the inner faces of the extensions, integral end and bottom members provided with bellows folds secured to the lateral and bottom edges of the sides, and fastening means secured to the longitudinal edges of said flaps.

1,571,476. RIDING FRESNO SCRAPER. THEODORE A. HARTUNG, Austin, Tex. Filed June 4, 1925. Serial No. 34,924. 2 Claims. (Cl. 37—140.)



1. In a device of the character described, a platform, side members extending rearwardly from the platform, a scoop pivotally supported between the side members, curved arms pivotally mounted at the ends of the scoop, wheels carried by the arms and adapted to move to positions beyond the scoop to elevate the scoop, and means for moving the arms to move the wheels to their active positions.

1,571,477. SELF-FILLING FOUNTAIN PEN. CHARLES M. HAYNES, Chillicothe, Ohio. Filed Nov. 29, 1921. Serial No. 518,541. 1 Claim. (Cl. 120—47.)



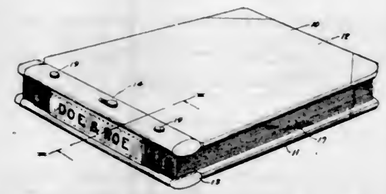
In a self-filling fountain pen, an ink barrel, a piston movable axially therein, the rear end of the barrel being open to admit a suitable member for advancing the piston, a cap for closing the rear end of the barrel, and a chain of open links connecting the piston and cap and swiveled to one of said members and adapted to extend out of the rear end of the barrel for retracting the piston, said cap being removably mounted on the rear end of the barrel and adapted to house the chain when the piston is in retracted position.

1,571,478. CARTRIDGE FOR BLASTING POWDER. ALFRED J. HIRTHLER and JOHN DREISTADT, Wilkes-Barre, Pa. Filed Oct. 8, 1924. Serial No. 742,413. 1 Claim. (Cl. 102—8.)



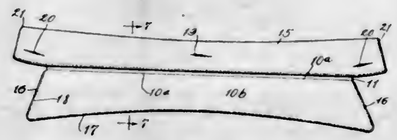
A cartridge for blasting powder including an inner and an outer flat tube formed of paper, the free edges of said tubes being cemented together in overlapping relationship, the outer end of one tube being disposed in an opposite direction from the outer end of the other tube, and the overlapping ends of the tubes being disposed on the same sides of the tubes.

1,571,479. INDEXING DEVICE. FREDERICK W. HUBER, San Francisco, Calif. Filed Apr. 22, 1924. Serial No. 708,261. 2 Claims. (Cl. 129—1.)



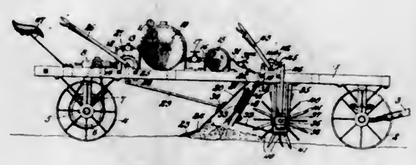
1. An indexing device comprising two U-shaped members nested together and having portions defining a receptacle for an index card, one of said members formed of transparent material to expose the indicia of said card, the parallel portions of the said members being adapted to be clamped inside the cover boards of a loose-leaf binder.

1,571,480. REVERSIBLE TURNDOWN COLLAR AND METHOD OF MAKING THE SAME. JULIUS JUHÁSZ, Madison, Conn. Filed Mar. 28, 1925. Serial No. 18,945. 9 Claims. (Cl. 2—143).



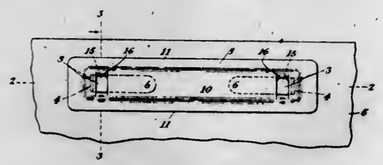
1. A collar of the class described comprising a turn down part and a neck band part, a strip for coupling said parts together in spaced relation, said strip being treated to prevent the starching thereof.

1,571,481. INSECT DESTROYER. JOHN KASMEIER, Beeville, Tex. Filed Jan. 14, 1925. Serial No. 2,327. 8 Claims. (Cl. 43—144.)



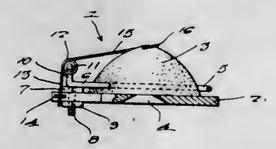
1. An insect destroyer to be drawn over the ground after it has been plowed and cultivated, comprising a wheeled frame, a fuel tank mounted on the frame, means to maintain pressure in the tank, a transversely disposed series of downwardly-directed burners in connection with the tank, means for independently controlling the burners, heat-confining shields depending from the frame in advance and in rear of the burners and extending transversely of the frame, and ground lifting means mounted transversely in advance of the heat-confining shields and adapted to lift and throw the loosened soil rearwardly in the space between the shields to subject the soil to the action of heat from the burners.

1,571,482. PAPER FASTENER. CHARLES D. KING, Rutherford, N. J. Filed May 23, 1924. Serial No. 715,274. 16 Claims. (Cl. 24—153.)



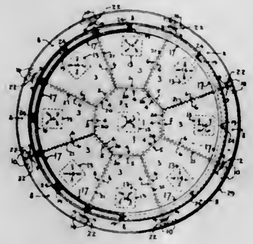
1. In combination, in a two piece paper fastener, a member having tongues to be pushed through papers and the projecting end portions bent down on the same, a member to be placed over and cover said bent down portions in such position, and means movable into position in the plane of the paper to secure them to said member.

1,571,483. LINE-CHALKING DEVICE. GEORGE A. KLEINOW, Marquette, Iowa. Filed June 12, 1925. Serial No. 36,704. 3 Claims. (Cl. 33—87.)



1. A line chalking device of the class described comprising a base board, a line guide secured on said base board and adapted to encircle a piece of chalk supported on the base board, said base board having an opening formed therein, for facilitating the raising of the chalk from the base board, and a spring urged follower secured on the base board and engaging the top of the chalk for forcing the same downwardly against the base board.

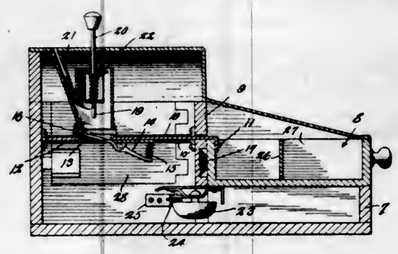
1,571,484. TANK. HERBERT M. KNIGHT, Montclair, N. J. Filed Aug. 10, 1921. Serial No. 491,229. 17 Claims. (Cl. 72—13.)



2. In a tank bottom composed of pre-cast units, circumferential units with an abutment cast thereon and depressed pockets in the exterior face of said abutment.

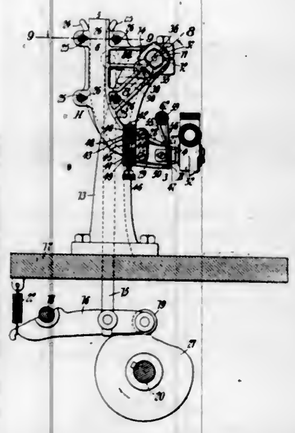
1,571,485. CASH REGISTER. OBED I. LAWRENCE, Pauls Valley, Okla. Filed Apr. 13, 1925. Serial No. 22,817. 2 Claims. (Cl. 194—58.)

1. In a cabinet of the class described, a sliding cash drawer, a plate carried by the arm and having an opening, a locking arm having one end thereof extending into the opening to lock the plate and drawer against movement, means for directing a check to the arm, a plunger operating above the arm and adapted to be moved to



engage the check to move the arm to its inactive position, and a coiled spring for moving the drawer to its open position.

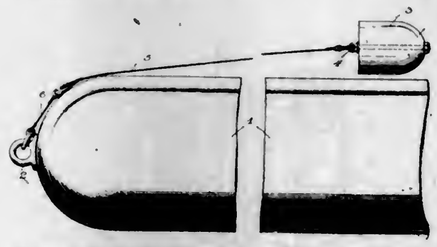
1,571,486. BLANK-FEEDING MECHANISM. BENJAMIN H. LONG, Brooklyn, N. Y., and WILBUR M. STONE, East Orange, N. J., assignors to American Bander Company, New York, N. Y., a Corporation of Wisconsin. Filed Oct. 26, 1922, Serial No. 596,994. Renewed July 14, 1925. 8 Claims. (Cl. 131—61.)



1. In blank feeding mechanism the combination of a blank hopper having an upwardly opening receiving end and a substantially horizontal delivery end, said hopper comprising opposite end frames each having front and back walls adjustably mounted thereon, said hopper end frames being carried on a shaft oscillatable in a fixed bearing above the delivery end of said hopper, a fixed platen for receiving the blanks one at a time from said hopper, and means for oscillating said hopper shaft for moving said delivery end toward and from said platen.

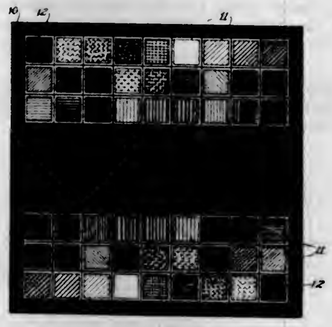
5. In blank feeding mechanism the combination of a blank hopper comprising opposite end frames each having front and back walls adjustably mounted thereon, opposite blank delivery guides carried by each end frame, said guides being mounted for movement toward and from each other, and means for thus moving said guides while maintaining their delivery ends always equidistant from a point therebetween.

1,571,487. TORPEDO. CHARLES B. MCVAY, Jr., Washington, D. C., assignor to The Government of the United States. Filed Apr. 6, 1923. Serial No. 630,388. 8 Claims. (Cl. 114—25.)



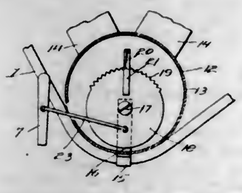
5. In combination with a torpedo, a detachable drogue connected with the forward end thereof adapted to prevent an abnormal initial dive.

1,571,488. EDUCATIONAL GAME. MITCHEL V. MOISAN and ANNA R. HEYWOOD, Central Square, N. Y. Filed July 16, 1925. Serial No. 44,012. 4 Claims. (Cl. 273—155.)



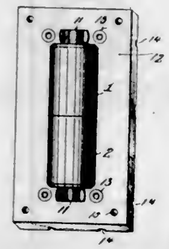
1. An educational game comprising a board having separate groups of spaces thereon with the spaces of each group contradistinguished by different colors, a plurality of games pieces having configurations thereon, said game pieces being colored in sequence according to the sequence of the colors on the spaces on said board, and a plurality of starter pieces having configurations upon one side adapted to be turned down and shuffled on the face of the board to determine the placing of different numbers of the groups of game pieces upon their respective spaces.

1,571,489. TOY VEHICLE. MATSUSUKE MORIHATA, Honolulu, Territory of Hawaii. Filed May 25, 1925. Serial No. 32,684. 2 Claims. (Cl. 208—18.)



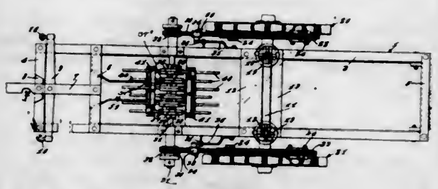
1. In a toy motor vehicle of the class described, a wheel supported frame, an imitation fuel tank carried by said frame, an imitation motor carried by said frame, said motor embodying a hollow casing and dummy cylinders, said casing having a vibratory diaphragm, and means in said casing for vibrating said diaphragm to produce a popping noise.

1,571,490. AMPLIFIER COIL AND CONNECTION. ELMAN B. MYERS, Belleville, N. J., assignor to Radio Audion Company, Jersey City, N. J., a Corporation of Delaware. Filed Dec. 24, 1921. Serial No. 524,789. 13 Claims. (Cl. 175—360.)



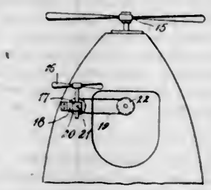
1. The combination with an amplifier coil, of a shell formed in two halves, enclosing said coil and hermetically sealing the same therein, and a terminal blade at the end of each shell-half secured to the coil terminals.

1,571,491. BEAN HARVESTER. GEORGE EDWARD PRITCHARD, Elizabeth City, N. C. Filed Sept. 6, 1922. Serial No. 586,472. 4 Claims. (Cl. 130—30.)



1. In a bean harvester, thrashing mechanism including a shaft having a plurality of removable castings mounted thereon adjacent each other, fingers carried by said castings, and arranged in different planes and means for clamping the fingers of the adjacent castings rigidly together.

1,571,492. PROPELLER-DRIVE CONTROL. BRUNO ROSENBAUM, Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 2, 1921. Serial No. 498,181. 4 Claims. (Cl. 244—31.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



1. In combination with a propeller drive for wireless sending equipment on aircraft wherein the auxiliary propeller is driven by the air current from the main propeller, means for controlling the speed of the auxiliary

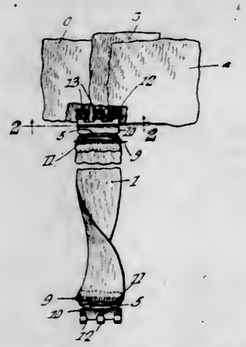
propeller independently of the speed of the main propeller, comprising a brake adapted to act on the shaft of the auxiliary propeller, and means for operating said brake.

1,571,493. VEHICLE WHEEL. LUDWIG F. SCHUMACHER, New York, N. Y. Filed Feb. 26, 1925. Serial No. 11,805. 1 Claim. (Cl. 301—63.)



In a vehicle wheel structure of the class described, an inner relatively stationary disc provided at its center with a hub and at its outer peripheral edge with an arcuated flange extending laterally beyond both faces thereof, and a removable disc formed at its center with an opening through which is a portion of said hub projects, and provided upon its outer peripheral edge with an arcuated flange directed laterally from one face only, said last mentioned flange being formed at its point of connection with the removable disc with a groove for reception of the adjacent portion of the first named flange.

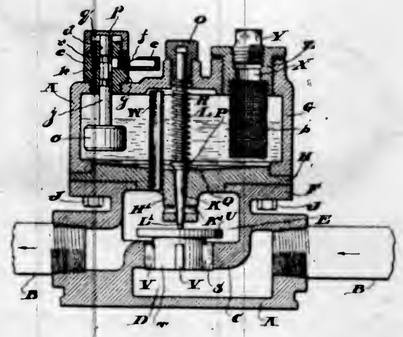
1,571,494. LINGERIE-STRAP FASTENER. NORA I. SCOTT and NATHAN G. HANES, Atascadero, Calif. Filed Mar. 2, 1925. Serial No. 12,729. 2 Claims. (Cl 24—73.)



1. The combination with a plurality of individual garments each having a fastener, said fasteners being arranged in longitudinal alinement when in use; and an elongated bar having attaching means for connection with a strap and provided with a plurality of longitudinally spaced fastening elements to cooperate with the individual elements on the garments whereby a plurality of garments may be suspended from a single strap.

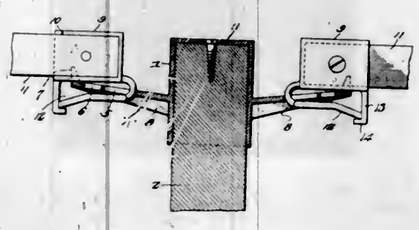
1,571,495. AIR-LINE LUBRICATOR. WILLIAM A. SMITH, Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Mar. 17, 1925. Serial No. 16,117. 5 Claims. (Cl. 184—76.)

1. An air line lubricator comprising an oil reservoir, a main pressure fluid passage, a spring pressed tapered valve for controlling the flow of oil from the oil reservoir to the main passage, and a float valve operated by pressure fluid for lifting the tapered valve to discharge oil from the main passage, and a tube within



the lubricator for admitting pressure fluid from the main passage into the reservoir to create pressure above the surface of the oil for forcing the oil into the main passage.

1,571,496. CLOTHES DRIER. WILLIAM W. STERLING, Cambridge City, Ind. Filed May 7, 1924. Serial No. 711,641. 1 Claim. (Cl. 68—34.)

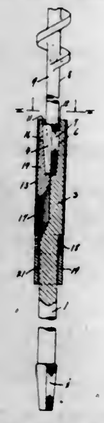


A clothes drier comprising a staff, a crown piece having a sleeve fitting upon the staff and provided with a flange, said flange having radially disposed slots formed at their outer ends with enlargements, lugs mounted upon the upper edge of the flange, and alternating with said slots, radially disposed ribs located at the under side of the flange and alternating with said slots, and rectangular oblong socket members, each formed in one side with a longitudinal recess and provided with a loop which passes through the corresponding slots, said socket members also provided with depending arms having right angularly bent lugs which engage the free ends of the loops and prevent casual disengagement of the latter with the crown piece.

1,571,497. EXTENSION BIT. GEORGE W. STALEY, San Francisco, Calif. Filed May 3, 1923. Serial No. 636,504. 1 Claim. (Cl. 279—82.)

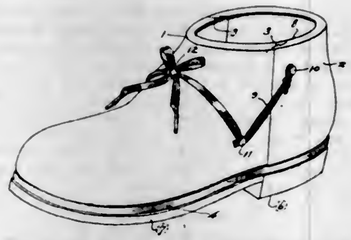
An extension for a bit having a shank and a tapered head forming a shoulder therewith, comprising an extension shank reduced in cross-section near its end having a groove therein forming a bed for the bit head with a shoulder at the front end encircling one-half of the bit shank and wings forming a continuation of said shoulder and with said shoulder providing a support

for the bit head so as to allow the latter to be freely suspended from the extension shank by its shoulder while the bit head is seated, and a sleeve slidable on



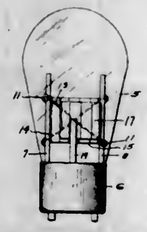
the extension shank having a block secured thereto engaging the exposed faces of the seated head for firmly locking the same when the sleeve is slid forwardly.

1,571,498. WOODEN SHOE. CHARLES J. SWANSTROM, Coronado Beach, Calif. Filed Oct. 6, 1924. Serial No. 741,987. 5 Claims. (Cl. 36—1.)



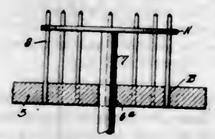
1. A shoe of the character described comprising separate forward and rear portions having sliding and interfitting engagement with one another through means of a substantially vertical joint extending from a point adjacent the forward edge of the heel.

1,571,499. ELECTRON-DISCHARGE DEVICE. JAMES HENRY THOMPSON, Hollidays Cove, W. Va. Filed Nov. 17, 1924. Serial No. 750,340. 3 Claims. (Cl. 250—27.)



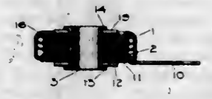
1. An electron discharge device comprising two separate filamentary cathodes adapted to emit electrons, a controlling electrode plate enclosed by said cathodes and within electron receiving relation thereto, said cathodes being so disposed as to form a double diagonal across the controlling electrode plate, upon the opposite sides thereof and extending from corner to corner and beyond the confines thereof.

1,571,500. DEVICE FOR WINDING SYMMETRICAL COILS. JAMES HENRY THOMPSON, Hollidays Cove, W. Va. Filed Apr. 24, 1925. Serial No. 25,635. 6 Claims. (Cl. 242—1.)



1. A device of the character described comprising a supporting base, a plurality of pegs extending therefrom, an inside squaring disc having a plurality of openings formed therethrough for the passage of said pegs, a freely movable, manually operable handle by which the inside squaring disc is carried, said base having an opening formed therethrough for the passage of said handle.

1,571,501. ELECTRICAL CONDENSER. HARRY R. VAN DEVENTER, New York, N. Y., assignor to Dubilier Condenser & Radio Corporation, New York, N. Y., a Corporation of Delaware. Filed June 25, 1923. Serial No. 647,682. 6 Claims. (Cl. 250—41.)

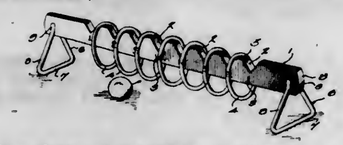


1. A condenser comprising a body containing sheets of electrically conductive material separated by sheets of dielectric, a ring extending around the periphery of said body and engaging portions of the opposite faces of the condenser adjacent said periphery to maintain said sheets under compression, said body having an aperture therethrough, and a tubular member passing through said aperture and having its extremities outside of the body of the condenser shaped to maintain compression upon said opposite faces and thus hold said sheets in firm engagement, part of the sheets of conductive material being electrically connected inside the condenser directly to said member.

1,571,502. METAL-EXTRACTION PROCESS. LIONEL VENN-BROWN, Longueville, New South Wales, Australia. Filed Sept. 23, 1924. Serial No. 739,432. 5 Claims. (Cl. 75—18.)

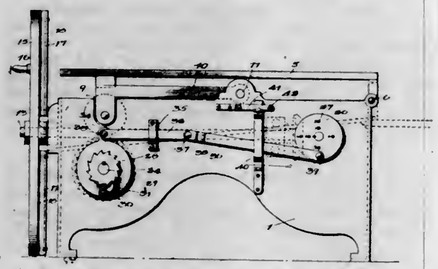
1. A process of extracting from their ores metals or metal salts capable of forming soluble chlorides, which consists in subjecting the ore in a fine state of division and in the presence of moisture to the action of hydrochloric acid gas to convert the metallic contents to soluble chlorides, drying the mass and heating it to a temperature sufficient to convert contained base metals (iron, arsenic) into compounds insoluble in non-acid solutions and to volatilize any uncombined arsenic, leaching out with a non-acid leach liquor the remaining soluble chlorides, and treating the chloride solution in known manner for the recovery of the metals and for the recovery of the acid radical (chlorine) in combination with iron as iron chloride.

1,571,503. GAME. ALLAN J. BARBER, Woonsocket, R. I. Filed Aug. 21, 1925. Serial No. 51,645. 6 Claims. (Cl. 273—127.)



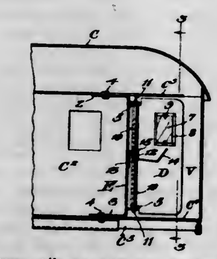
1. In a device of the character described, a bar, said bar being provided with recesses having denoted values, and endless members permanently mounted on said bar and adapted to be driven into said recesses by a projectile delivered toward said bar.

1,571,504. DOUGH-CUTTING MACHINE. JOSEPH BARON, New York, N. Y.; said Baron and Harry Baron administrators of said Joseph Baron, deceased. Filed June 3, 1922. Serial No. 565,519. 2 Claims. (Cl. 107—21.)



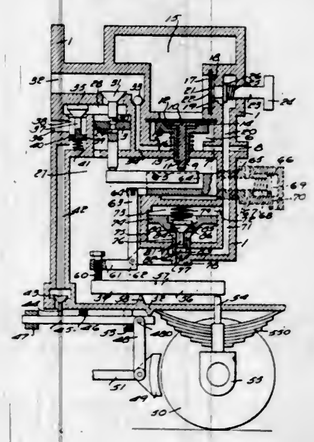
1. In combination, a table, a roller associated with the table for progressing a strip of dough thereacross, a ratchet wheel associated with the roller, a plate associated with the ratchet wheel, spring pressed dog on the plate engageable with the ratchet wheel, means for oscillating the plate so as to impart an intermittent motion to the roller, means for cutting the strip of dough into the form of noodles, a connecting rod attached at one end to the plate, a disk rotatably mounted and provided with a plurality of apertures situated at various distances from its periphery, a pin on the connecting rod engageable with the apertures, and means for imparting a rotary motion to said disk all in the manner and for the purpose specified, said connecting rod being formed in two hinged parts so that its ends may be readily engaged and disengaged with the apertures in said disk.

1,571,505. DOOR AND MOUNTING THEREFOR FOR TOY RAILROAD CARS. HARRY S. BECKER, Chicago, Ill., assignor to American Flyer Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 19, 1925. Serial No. 16,856. 6 Claims. (Cl. 46—48.)



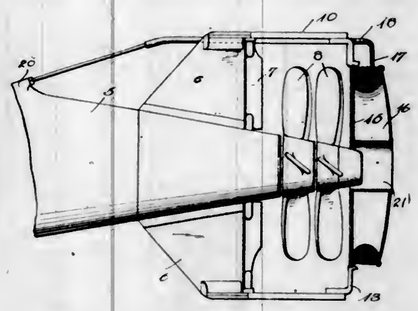
1. In a toy railway car, a car body including side members and having door openings in said side members, a support disposed transversely within the car body between the sides thereof, a door carried by said support and adapted to be moved into and out of closed relation to said door openings, and a spring for holding said door normally closed.

1,571,506. QUICK-ACTION TRIPLE VALVE. DOBRIVOJE BOŽIĆ Belgrade, Yugoslavia. Filed Oct. 4, 1923. Serial No. 666,458. 6 Claims. (Cl. 303—22.)



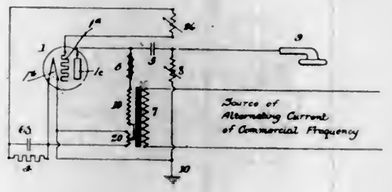
1. In a distributor for brakes, an interrupter piston, a compartment in which said piston works, a diaphragm dividing said compartment, one side of said diaphragm being exposed to a determinable pressure and the other in part to the pressure in the train pipe and in part to atmospheric pressure, a balancing piston, a lever adapter to be engaged by said pistons, a movable fulcrum for said lever, and means controlled by the load of the vehicle to be braked for varying the position of said fulcrum to effect variations in the relation of the efforts of said pistons, for the purpose stated.

1,571,507. TORPEDO. EDMUND S. R. BRANDT, Newport, R. I., assignor to the Government of the United States, represented by the Secretary of the Navy. Filed Oct. 17, 1923. Serial No. 668,985. 6 Claims. (Cl. 114—21.)



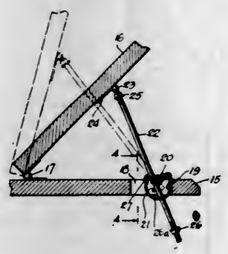
1. In a torpedo of the character described, in combination, an antenna reel and supports therefor mounted on the after-body of the torpedo, holding said reel in vertical position whereby it is released on launching of the torpedo.

1,571,508. ELECTROTHERAPEUTIC APPARATUS. WENDELL L. CARLSON and GLENN W. CARPENTER, Washington, D. C. Filed Mar. 24, 1921. Serial No. 455,106. 6 Claims. (Cl. 174—177.)



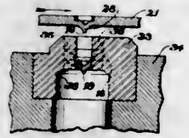
1. An electrotherapeutic apparatus comprising in combination a source of alternating current of relatively low frequency, a thermionic electron tube having an anode, cathode and grid electrode, an input circuit including said cathode and grid electrode, an output circuit including said anode and grid electrode, said circuits being electrically interlinked for the production of alternating current of relatively high frequency at which no bodily sensation is produced other than diathermic and a high frequency electrode connected with said output circuit for impressing said high frequency currents on the body of a patient.

1,571,509. ADJUSTABLE SUPPORT. THOMAS W. CONNOLLY, Los Angeles, Calif. Filed Aug. 16, 1924. Serial No. 732,498. 4 Claims. (Cl. 155—162.)



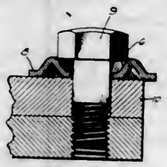
1. An adjustable support comprising a supporting member adapted for pivoted connection to a pivotal element, and a locking member adapted to be pivoted on a stationary element to normally gravitate to one position in which the supporting member is locked against movement to prevent lowering of the pivotal element and which is movable by the supporting member to another position in which the supporting member is freely movable to permit lowering of the pivoted element, and a latch associated with the locking member to secure the latter in the second mentioned position and thus allow lowering of the pivoted element, and abutments on the supporting member, one of which is adapted to engage the locking member as the supporting member reaches its uppermost position and move the locking member into engagement with the latch, and the other of which is adapted to engage the locking member when the supporting member reaches its lowermost position and move the locking member out of engagement with the latch.

1,571,510. METHOD OF MAKING ANVILS FOR AMMUNITION PRIMERS. JOHN A. DICKERMAN, Bridgeport, Conn., assignor to Remington Arms Company, Inc., a Corporation of Delaware. Filed July 3, 1923. Serial No. 649,338. 3 Claims. (Cl. 29—13.)



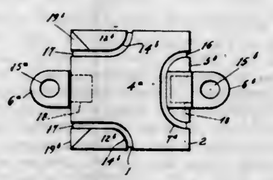
1. The method of making anvils for ammunition primers which comprises the steps of swaging the anvil point from a sheet of stock in a swaging machine, and cutting the anvil from said sheet stock in a separate subsequent operation of the machine.

1,571,511. LOCK WASHER. FARNUM F. DORSEY, Rochester, N. Y., assignor to North East Electric Company, Rochester, N. Y., a Corporation of New York. Filed Feb. 19, 1924. Serial No. 693,905. 1 Claim. (Cl. 151—3.)



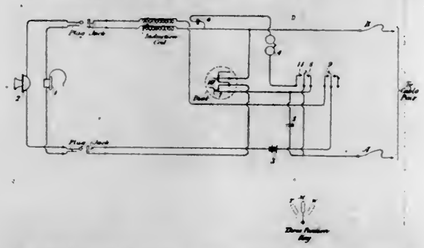
In combination with a screw-threaded fastening device with a head of polygonal form; a lock-washer comprising a disc of sheet-metal, perforated to receive the body of said fastening-device and embossed to provide an annular hollow ridge with an inclined inner surface forming a conical socket for the reception of said head; said socket being greater in maximum diameter and less in minimum diameter than the head.

1,571,512. ELECTRICAL CONDENSER. WILLIAM DUBILIER, New York, N. Y., assignor to Dubilier Condenser and Radio Corporation, a Corporation of Delaware. Filed Jan. 31, 1924. Serial No. 689,756. 9 Claims. (Cl. 250—41.)



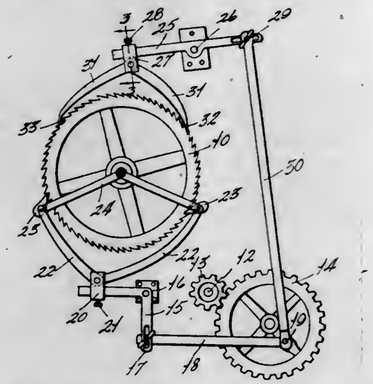
1. A condenser comprising a stack having corners and edges connecting the corners, a casing for the stack comprising a pair of sections engaging opposite faces thereof, each section gripping the corners of the stack and the edges between the corners, the said sections being spaced from each other and each having attached thereto a terminal for said condenser.

1,571,513. TELEPHONE SUBSTATION CIRCUITS. WILLIAM H. EDWARDS, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 24, 1923. Serial No. 682,529. 1 Claim. (Cl. 179—81.)



A telephone substation set including a transmitter, a local battery therefor, a receiver, a condenser, an induction coil, an alternating current annunciator, a second condenser associated therewith, a dialing arrangement, and a three-position switching means, which switching means in the first position connects the receiver and the first condenser across the line and cuts out the transmitter; in the second position connects the receiver and the first condenser across the line, closes a circuit including the transmitter and the local battery, and prepares a dialing circuit; and in the third position connects across the line the alternating current annunciator and the second condenser.

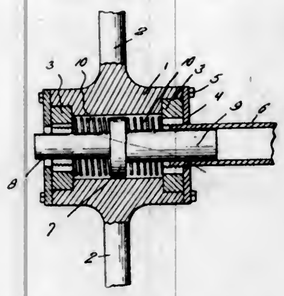
1,571,514. COTTON-GIN FEEDER. GEORGE E. EVANS, Waco, Tex. Filed Aug. 28, 1923. Serial No. 659,733. 3 Claims. (Cl. 74—54.)



1. In a gin feeder, a ratchet wheel, a driving member, a pair of pawls engaging opposite sides of the lower portion of the ratchet wheel, a pitman connected with the driving member to actuate said pawls, in connection with a second pair of pawls engaging opposite sides of the upper portion of the ratchet wheel, a lever to which said second pair of pawls are connected by a common pivot at one side of its axis for movement toward and from the axis of the wheel, and a pitman connecting the last named lever with the driving member at substantially a right angle to the first named pitman.

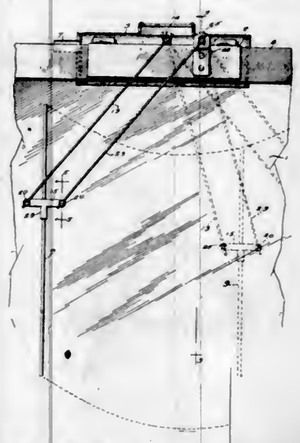
1,571,515. DIESTOCK. RICHARD C. FLEMING, Detroit, Mich. Filed Aug. 26, 1925. Serial No. 52,596. 1 Claim. (Cl. 10—127.)

In a structure of the class described, a die stock embodying a central bored hub having handles, said bore being enlarged at its outer end to provide counter-bores, cutting dies fitted in said counter-bores, retaining plates for said dies connected with said hub, a guide member having its central portion located in said bore and including axially aligned cylindrical guide extensions pro-



jecting through and beyond said counter-bores, and springs surrounding said extensions and bearing at their inner ends against the central portion of the guide member and at their outer ends against said dies.

1,571,516. WINDSHIELD CLEANER. FRED G. FOLBERTH and WILLIAM M. FOLBERTH, Cleveland, Ohio, assignors to Trico Products Corporation, Buffalo, N. Y., a Corporation of New York. Filed Mar. 4, 1922. Serial No. 541,209. 3 Claims. (Cl. 15—253.)

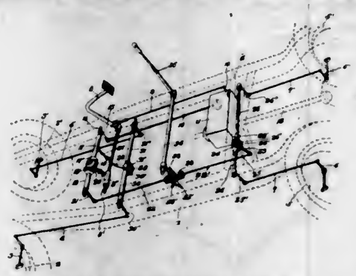


1. A windshield cleaner comprising a pair of pivotally mounted rods adapted to oscillate in parallelism, a cleaner support comprising a transverse arm pivotally connected to the lower ends of said rods at its opposite ends whereby said transverse arm will be retained in a substantially horizontal position, depending webs formed on said transverse arm forming a holder substantially V-shaped in cross section, and a cleaner element arranged in said holder.

1,571,517. HYDRAULIC BRAKE SYSTEM. GUIDO FORNACA, Turin, Italy. Original application filed Feb. 27, 1923, Serial No. 621,670. Divided and this application filed Mar. 6, 1924. Serial No. 697,868. 15 Claims. (Cl. 188—152.)

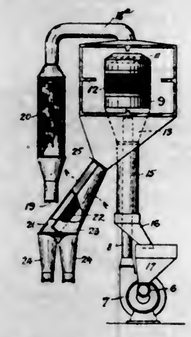
10. In a four-wheel brake system for motor cars, the combination, with the front and rear wheels and their individual brakes of front and rear differential operat-

ing mechanisms for the corresponding pairs of brakes, a third differential mechanism separate from the first two differential mechanisms but connected to operate



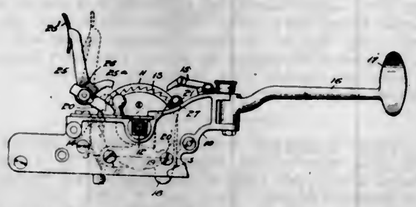
both of them, and a single fluid-operated piston connected to directly operate the third differential mechanism; substantially as described.

1,571,518. APPARATUS FOR REDUCING AND DRYING CASEIN CURD. ERNEST FOSTER, North Brunswick, Victoria, Australia, assignor to Vermont Casein Pty, Ltd., Melbourne, Victoria, Australia, a British Company. Filed Dec. 12, 1922. Serial No. 606,500. 3 Claims. (Cl. 83—9.)



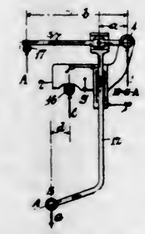
1. In apparatus for drying casein, a blower including a fan and a casing, an air inlet duct leading to the casing, means to heat the air passing through said duct, a hopper on said ducts, a discharge pipe extending upwardly from the blower casing, a container at the upper end of said pipe into which the latter discharges, said separator being provided in its upper side with a concave disk and a return pipe leading downwardly from the container and arranged to discharge into the hopper.

1,571,519. REVERSE LINE-SPACING DEVICE FOR TYPEWRITING MACHINES. CARL GABRIELSON, Syracuse, N. Y. Filed Jan. 12, 1922. Serial No. 528,744. 12 Claims. (Cl. 197—114.)



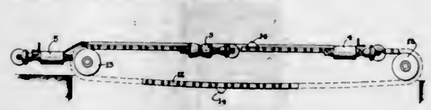
1. Reverse line spacing mechanism for typewriters, including in combination with the platen ratchet, a pivoted reverse line space lever, a pawl lever pivotally carried by said line space lever and having a portion adapted to engage the teeth of the platen ratchet and a second portion adapted to be engaged by the operator, and means for limiting the throw of the reverse line space lever in both directions.

1,571,520. AERIAL ROPEWAY. JOHANN GATZWEILER, Leipzig-Gohlis, Germany, assignor to Adolf Bleichert & Company, Leipzig-Gohlis, Germany. Filed July 2, 1924. Serial No. 723,657. 14 Claims. (Cl. 104—208.)



3. In combination in an aerial ropeway embodying a carrying rope and a traction rope, supporting members for said traction rope, load carriage means, and vertically reciprocal clip means so connecting said carriage to said traction rope that the latter bears a portion of the load when passing over said members.

1,571,521. CONVEYING MECHANISM. JEROME R. GEORGE, Worcester, Mass., assignor to Morgan Construction Company, Worcester, Mass., a Corporation of Massachusetts. Filed Mar. 18, 1921. Serial No. 453,411. 4 Claims. (Cl. 80—44.)

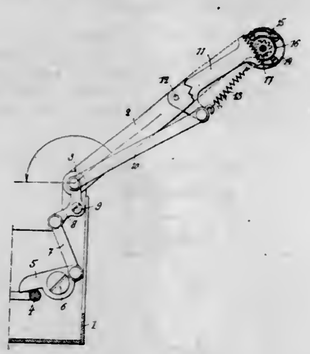


1. In rolling mill apparatus, a connecting table consisting of a series of alined conveyor rolls, each providing supporting surfaces oppositely inclined from and extending substantially at right angles to the normal central position of the stocks in its longitudinal travel on said rolls, the angle of inclination of said supporting surfaces being at or above the angle of sliding or moving friction and means for imparting to said rolls a surface speed different from the linear speed at which the stock is delivered thereto, whereby, in consequence of the slippage thus produced, said stock will seek the bottom of the incline afforded by said supporting surfaces.

1,571,522. PAPER-FEEDING MEANS FOR STENOGRAPHIC MACHINES. MARC GRANDJEAN, Paris, France. Filed Jan. 6, 1923. Serial No. 611,092. 1 Claim. (Cl. 197—133.)

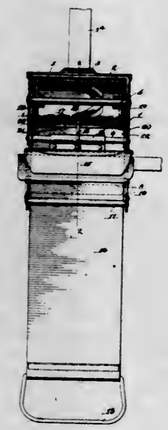
In a stenographic machine employing a paper band, the combination of a frame, an actuating member, a winding device for the said paper band, controlling means for the said winding device comprising a disc secured to the said winding device, pawls disposed upon said disc, a ratchet wheel driven by the said pawls, a pinion secured to the said ratchet wheel, an arm carrying the said winding device and pivoted to the said machine frame, a toothed sector engaging the said pinion, a spring adapted to rotate the said disc by the action of the toothed sector, of the pinion and of the pawls and adapted to bring again in position the said

toothed sector when the direction of rotation of the said winding device is reversed in order to draw the paper band to the rear and means for imparting the motion



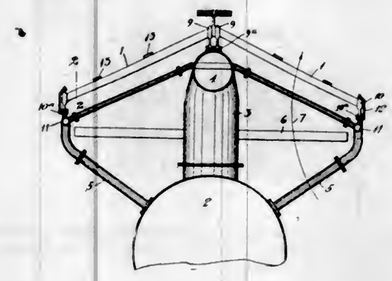
of the actuating member to the said toothed sector, said means comprising a pivot joint whose axle is situated on the axis of the pivot connecting the said arm with the machine frame.

1,571,523. RAZOR STROPPER. HENRIK IPSEN, Brooklyn, N. Y., assignor to Maurice L. Brandt, New York, N. Y. Filed Sept. 8, 1920. Serial No. 408,848. 5 Claims. (Cl. 51—63.)



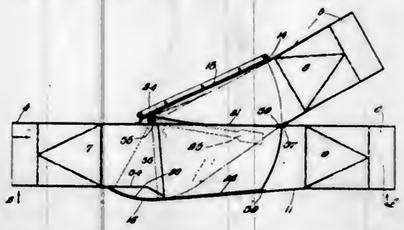
1. A device of the character described, comprising a strop, said strop being formed into a bight, a roller within the bight and adapted to be rotated in opposite directions by reciprocating movements of the strop, there being an endless peripheral groove in the cylindrical surface of the roller, a support for the roller, a blade holder pivoted in the support and adapted to oscillate transversely of the axial line of the roller and to be moved longitudinally of the roller, and a finger engaging a side wall of the groove and adapted to oscillate the holder, a spring for moving the holder to a position intermediate the extremes of oscillation, the engagement of the finger in the cam groove during rotation of the roller causing the holder to reciprocate in the direction at right angles to the direction of the oscillating movement.

1,571,524. AIR-COOLED CONDENSER. FREDRIK LJUNGSTRÖM, Lidingo-Brevik, and BIRGER LJUNGSTRÖM, Stockholm, Sweden, assignors to Aktiebolaget Ljungströms Angturbin, Stockholm, Sweden, a Corporation. Filed Aug. 21, 1922. Serial No. 583,460. 5 Claims. (Cl. 257—25.)



1. A cooler for locomotive condensers, comprising two rows of collecting pipes, each pipe being provided with openings, cooling elements arranged side by side and extending between said rows of collecting pipes, the opposite ends of each cooling element being inserted in an opening of a collecting pipe of each row and communicating therewith, supporting stays arranged substantially parallel to the elements and between same, and means for maintaining said supporting stays in place between the elements.

1,571,525. CONVEYER SYSTEM. HARRY N. MIDDLETON, Westville, N. J., assignor to B. F. Sturtevant Company, Hyde Park, Mass., a Corporation of Massachusetts. Filed Feb. 18, 1921. Serial No. 446,000. 7 Claims. (Cl. 137—9.)

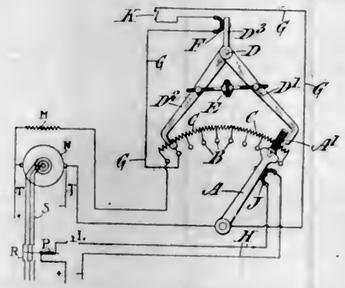


5. In a pneumatic conveyer system a supply pipe, a pair of delivery pipes, a closed section connecting the supply and delivery pipes and having side walls aligning with the outer or non-adjacent side walls of the pair of delivery pipes, a switch damper mounted within the section having top, bottom and side walls and open ends and providing a straight passage for the air and material, the receiving end of the damper fitting closely within the closed connecting section adjacent the supply pipe with the end of the supply pipe extending into the open end of the switch damper and the discharging end of the damper fitting closely one or another of the delivery pipes with a side wall of the damper engaging a side wall of the connection, and means for moving the switch damper to direct the material from the supply pipe into one or another of the delivery pipes.

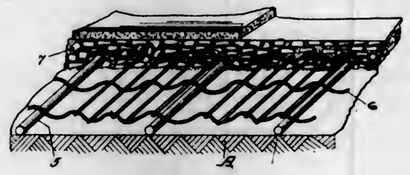
1,571,526. ELECTRIC SWITCH. RICHARD CALDWELL MINTON, East Boldon, England, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England, a British Company. Filed Apr. 9, 1924. Serial No. 705,330. 4 Claims. (Cl. 172—179.)

1. In a resistance-regulating switch the combination of a resistance, a plurality of contacts connected to said

resistance in intervals or steps, a main contact-making member adapted to move over said contacts, an auxiliary switch adapted to be closed when the main contact-making member is in its initial position, and a second auxiliary switch adapted to be opened when the main contact-making member reaches the end of its travel and to be closed when the main contact-making member is in its initial position.

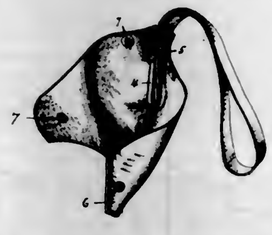


1,571,527. PAVEMENT AND METHOD OF MAKING SAME. ALBERT T. RHODES, Worcester, Mass. Filed July 7, 1923. Serial No. 650,142. 4 Claims. (Cl. 94—24.)



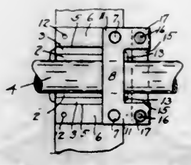
1. The method of making a pavement, which consists in providing means for supporting reinforcing material above a sub-grade, then applying a layer of stones, then withdrawing the supporting means to leave said material supported in said layer of stones, and finally applying grouting to unite the stones and the said material.

1,571,528. COIN AND KEY PURSE. MARY E. ROHR, Lynchburg, Va. Filed June 2, 1925. Serial No. 34,294. 6 Claims. (Cl. 150—28.)



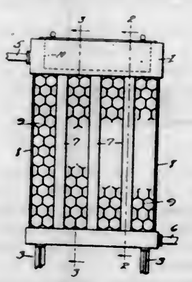
6. A hand bag composed of a plurality of layers of material, two adjacent of said layers secured near one end to form a pocket therebetween, the bottom of said pocket being convex from the other end of the hand-bag, the opening of the pocket being at the sides of the layers above said securement, and a handle secured at the said other end of the layers.

1,571,529. BEARING-RELINING CAP. LYMAN E. SHIPLEY, Carlton, Oreg. Filed Aug. 2, 1923. Serial No. 655,282. 3 Claims. (Cl. 22—123.)



1. In a bearing relining device, a gage plate adapted to be secured to the bearing frame in predetermined position, and having a shaft gage groove therein wherein, when the shaft is drawn tight, it is brought to predetermined gage position and is separated from that portion of the bearing lying in the bearing frame, and providing a space through which molten bearing metal may be poured to fill the space thus formed between the shaft and the bearing lying in the bearing frame, whereby said metal, when cooled, forms an aligned and gaged bearing for the shaft in the bearing frame; in combination with means attached to and extending laterally from said gage plate and engaging the shaft to one side of the bearing and adapted to draw the shaft into said gage position and to support it therein while the bearing is being thus formed.

1,571,530. RADIATOR. WESLEY SIMMONS, Cleveland, Ohio. Filed Sept. 20, 1922. Serial No. 589,302. 3 Claims. (Cl. 257—139.)

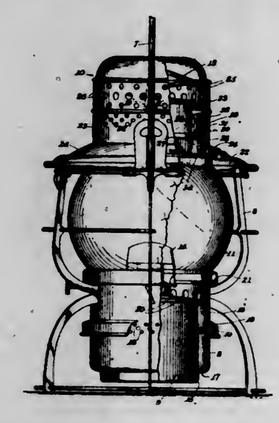


1. A radiator comprising an upper and a lower header and intermediate ducts connecting the same, tubular elements of conductive material interposed between adjacent ducts and having thermal contact therewith and with one another, said tubular elements being inclined to the horizontal to facilitate the circulation of air therethrough and therebetween, a trough formed within said upper header and wholly enclosed thereby and a valved connection between said trough and the interior of said upper header.

1,571,531. SIGNAL LANTERN. FURMAN D. SPEAR, New York, N. Y. Filed Apr. 24, 1925. Serial No. 25,513. 13 Claims. (Cl. 240—38.)

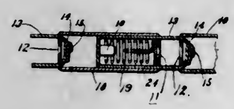
1. A signal lantern comprising a frame, a base secured thereto and having air inlets and a globe seat, a top member secured to said frame and having a dome with openings and a flaring reflector, a globe dome and holder mounted in said top and having a globe seat within said reflector and having air inlets communicating with some

of the openings in the top dome above said reflector and a baffling member between said domes for regulating the volume of air to be admitted into said globe dome the



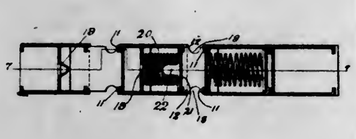
lower part of said globe dome being imperforate and substantially preventing the passage of air into said top member from below said reflector.

1,571,532. BRACELET. LOUIS E. VALCOURT, Providence, R. I., assignor to Louis Stern Co., Providence, R. I., a Corporation of Rhode Island. Filed Mar. 28, 1924. Serial No. 702,702. 12 Claims. (Cl. 59—79.)



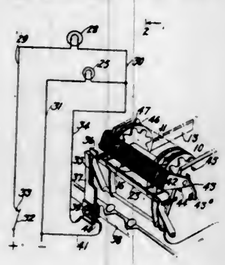
1. A bracelet structure comprising a series of box links, a slide link in each box link, inwardly-projecting fingers on the end of the box link pivotally connecting it to the next adjacent slide link, and a spring acting between said links for normally causing the ends of said box links to abut.

1,571,533. BRACELET. LOUIS EDMOND VALCOURT, Pawtucket, R. I., assignor to Louis Stern Co., Providence, R. I., a Corporation of Rhode Island. Filed July 31, 1924. Serial No. 729,273. 6 Claims. (Cl. 59—79.)



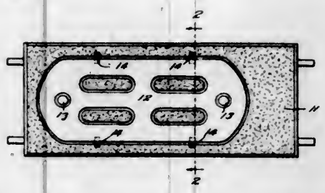
1. In a bracelet structure, a series of box-shaped links, a series of connecting links slidable in said box links, and integral members on the links of one series bent into position to extend laterally of said link for detachably engaging portions of the links of the other series.

1,571,534. COMPUTING MACHINE. JOHN WALDHEIM, Elizabeth, N. J., assignor to Underwood Computing Machine Company, New York, N. Y., a Corporation of New York. Filed Dec. 14, 1920. Serial No. 430,609. 23 Claims. (Cl. 235—60.)



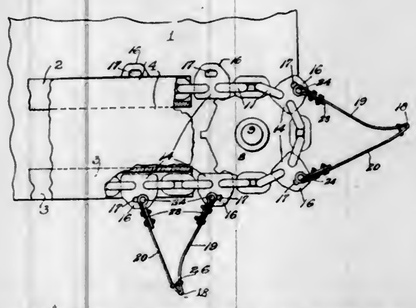
23. In a computing machine, a register comprising a set of number-wheels rotatable about a common axis and a shield having a sight-opening, and a transparent screen mounted to swing about said axis to and from a position across said sight-opening.

1,571,535. METHOD AND MEANS FOR SUPPORTING CORES. WILLIAM WASHINGTON, Dunkirk, N. Y. Filed Mar. 5, 1923. Serial No. 622,749. 2 Claims. (Cl. 22—184.)



1. The combination with the upper and lower mold sections, of a core held therebetween, said core having separate laterally projecting supporting members at opposite sides thereof adapted to contact with the edges of the mold section and support the core between said sections, said laterally projecting supporting members being of fusible metal which is absorbed during the casting operation.

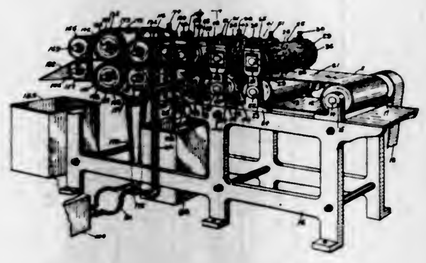
1,571,536. CONVEYER. FRANK N. WILSON, Webster Groves, Mo. Filed July 7, 1922. Serial No. 573,429. 5 Claims. (Cl. 198—171.)



2. An endless conveyer having a chain consisting of a series of links provided with laterally extending lugs, which lugs are each provided with a slotted opening, a

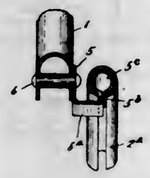
plurality of links connecting said first mentioned links, and a plurality of blades connected to the lugs of said first mentioned links by means of pins passing through the slotted openings.

1,571,537. TOBACCO-LEAF-STEMMING MACHINE. FREDERICK H. BEROLD, Cincinnati, Ohio. Filed Jan. 30, 1922. Serial No. 532,738. 21 Claims. (Cl. 131—57.)



2. In a tobacco stemming machine, the combination of stripping devices, and draw rolls acting to draw the stems between said stripping devices to strip said stems, said draw rolls comprising a suction roll acting on the stripped webs of the tobacco leaves to change the direction of travel of said webs.

1,571,538. FOLDING CHAIR. JULIUS L. CABLE, Boston, Mass. Filed Nov. 25, 1924. Serial No. 752,088. 5 Claims. (Cl. 155—147.)

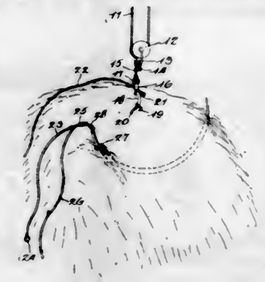


1. A folding chair comprising two pairs of pivotally connected crossed legs formed of semi-tubular metal, and arranged with their open sides facing downwardly, and a seat pivotally connected at its rear end to the rearwardly extending legs and at its front end to the forwardly extending legs, the pivotal connection between each pair of legs comprising a bracket having its base portion pivotally connected to the rearwardly extending leg and having a head slidably mounted in the middle portion of the forwardly extending leg, the edge portions of the latter being inturned to retain the head therein.

1,571,539. HAY-HANDLING METHOD AND DEVICE. JOHN W. CALLAHAN and GEORGE B. DUSINBERRE, Wellsboro, Pa., assignors to Callahan Distributor Company, Incorporated, Wellsboro, Pa., a Corporation of Pennsylvania. Filed Aug. 18, 1924. Serial No. 732,864. 16 Claims. (Cl. 214—5.)

1. The method of segregating a quantity of loose, interlaced material from a pile of the same which consists in introducing a flexible element in a curved path through said pile of material, and attaching the ends of said flexible element to an elevating means.

6. A needle for handling interlaced material having a curved pointed end adapted to leave the mass of interlaced material from the same side in which it is inserted.



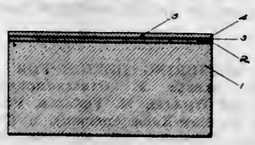
14. In combination a guide rope, a sling, a trip for the sling, and means for drawing the sling tightly around the enclosed material.

1,571,540. PLATED METAL AND METHOD OF PRODUCING THE SAME. VICTOR D. DAVIGNON, North Attleboro, Mass., assignor to General Plate Company, Attleboro, Mass., a Corporation of Massachusetts. Filed Feb. 27, 1924. Serial No. 695,520. 7 Claims. (Cl. 29—181.)



1. In composite plated metal product having a finely attenuated surface of precious metal, a thin backing of relatively hard, tenacious metal capable of resisting dilute nitric acid, and a relatively thick base of metal relatively soft as compared with the backing and relatively cheap as compared with the surface.

1,571,541. PLATED METAL. VICTOR D. DAVIGNON, North Attleboro, Mass., assignor to General Plate Company, Attleboro, Mass., a Corporation of Massachusetts. Filed July 25, 1924. Serial No. 728,134. 3 Claims. (Cl. 29—181.)

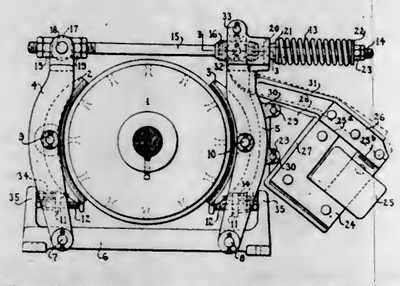


1. A composite plated metal having a finely attenuated surface of precious metal, a thin backing of steel, and a relatively thick base of metal relatively soft as compared with the backing and relatively cheap as compared with the surface.

1,571,542. BRAKE. BERNHARD E. FERNOW, Jr., Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed July 2, 1921. Serial No. 482,070. 1 Claim. (Cl. 188—171.)

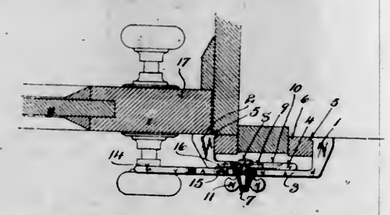
The combination with a brake drum, of a stationary supporting base to one side thereof, a pair of substantially parallel supporting arms pivoted to said base and arranged on opposite sides of said drum, brake

shoes pivotally secured to said arms, a rigid link extending between said arms, said link being pivotally and adjustably connected at one end thereof to the free end of one of said supporting arms, a brake operating member pivotally connected to said link and having one



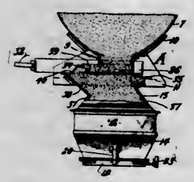
end thereof pivotally connected to the free end of the other of said supporting arms, an armature portion fixed to the free end of said operating member, an electromagnet including a field member fixed to said latter supporting arm and spring means associated with said link for effecting setting of said brake shoes.

1,571,543. PORTABLE DOOR LOCK. GUSTAV FRATZKE, Merrill, Wis. Filed Apr. 1, 1924. Serial No. 703,420. 2 Claims. (Cl. 292—258.)



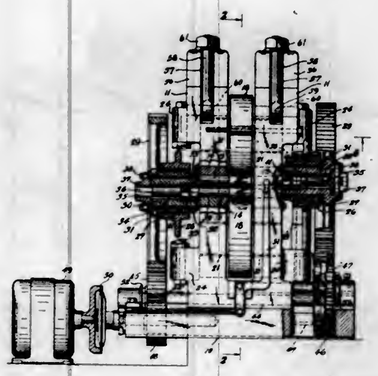
2. A portable lock comprising a pair of lugs adapted to grip opposite sides of a door casing, said lugs having slidably related arms, one of said arms being provided with ratchet teeth, a lever pivoted to the other of said arms and having teeth adapted to engage said ratchet teeth to draw said lugs towards each other when said lever is manipulated, and a bolt provided with a wing nut for locking said arms together.

1,571,544. MEASURING DEVICE FOR BULK MATERIALS. ALBERT F. GARLINGHOUSE, Aspinwall Borough, and WILLIAM M. VENABLE, Pittsburgh, Pa., assignors to Blaw-Knox Company, a Corporation of New Jersey. Filed Feb. 27, 1922. Serial No. 539,391. 8 Claims. (Cl. 214—1.)



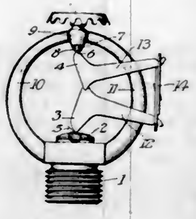
1. A device of the character described for handling bulk materials comprising, in combination, a discharge outlet whence discharged material forms one unbroken mass with that undischarged when said outlet is open; and a gate for said outlet permitting such unity of discharged and undischarged material when open and movable through the mass of material at a substantial interval from the outlet edge to close.

1,571,545. ROLLING MILL. CHARLES J. GIBBONS, Bridgeport, Conn. Filed July 14, 1924. Serial No. 725,857. 9 Claims. (Cl. 80—55.)



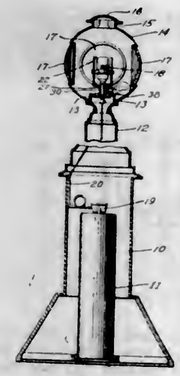
5. In a rolling mill, a pair of spaced housings, bearings in said housings, a roll mounted in said bearings, a driving gear substantially in axial alignment with said roll, said gear being provided with a central opening therethrough, a flexible connection from the end of the roll to the opposite side of said gear and located in said opening, a bearing for said gear, a support for said bearing, and means for so mounting the support that it and the gear may be moved awsy from the roll to allow removal thereof from the housings.

1,571,546. FIRE EXTINGUISHER. WILLIAM GRIMSHAW, Glen Ellyn, Ill. Filed Apr. 10, 1922. Serial No. 551,025. 1 Claim. (Cl. 169—39.)



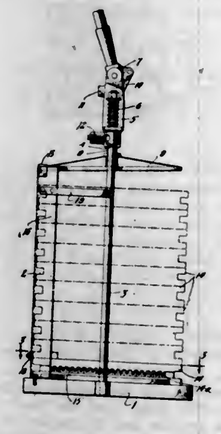
A means for stressing an automatic sprinkler comprising a sprinkler-frame having a portion adapted to be swaged and constructed with a hole to receive a stressing-pin, a stressing-pin adapted to fit said hole and provided with an elongated tapered portion decreasing in diameter towards its outer end, said tapered portion being adapted to lie in different positions in different sprinklers relative to the portion of the frame to be swaged, so that, when the exact stressing position of the pin is reached in different sprinklers, the swaged portion will engage some portion of the tapered portion of the pin and thus lock it in the stressing position.

1,571,547. SIGNAL APPARATUS. ARTHUR P. HAGAR, Newark, N. J., assignor to The Safety Car Heating & Lighting Company, a Corporation of New Jersey. Filed Feb. 21, 1924. Serial No. 694,823. 25 Claims. (Cl. 240—11.)



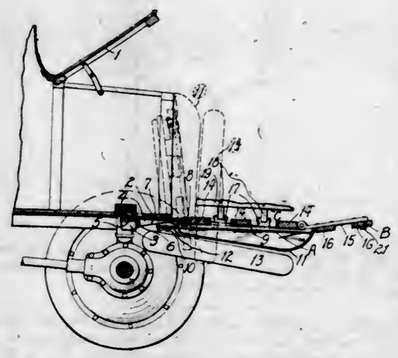
1. In signal apparatus, in combination, a gas light, means adapted to give light rays emitted therefrom a predetermined color, means adapted to give said light rays a second predetermined color, means actuated by the flow of gas to said light adapted to render said two coloring means effective alternately upon said light rays for predetermined periods of time, means for adjusting the length of said period of time during which said first coloring means is effective upon said light rays, and means for adjusting the length of said period of time during which said second coloring means is effective upon said light rays.

1,571,548. CIGAR-MOLD PRESS. THOMAS A. HORTON and ALBERT E. MASPONS, Kingston, N. Y. Filed Apr. 20, 1923. Serial No. 633,385. 6 Claims. (Cl. 100—57.)



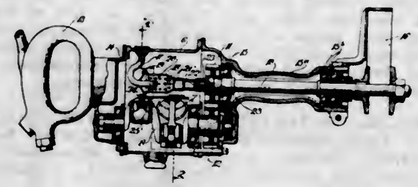
1. In a cigar mold press adapted to handle a plurality of forms, the combination of a frame having upright guide means flaring outwardly adapted to receive and position an end of the forms.

1,571,549. AUTOMOBILE BED. ARTHUR J. KERTP Clayton, Mo. Filed June 30, 1924. Serial No. 723,259. 5 Claims. (Cl. 296—26.)



2. In combination with an automobile body including a transverse frame member, brackets secured to said frame member, arms pivotally secured to said brackets, cross pieces secured to said arms, and an end extension and side members pivotally secured to said arms.

1,571,550. VENTING APPARATUS FOR MOTORS. THEODORE P. KINMAN, Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Filed Jan. 3, 1922. Serial No. 526,652. 6 Claims. (Cl. 121—33.)

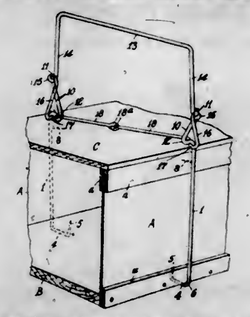


1. Means for venting the crank casing of a motor comprising a vent passage opening into a chamber within said casing, said chamber having a perforate wall adapted to be rotated when the motor is in operation whereby centrifugal force is utilized to restrain lubricant splashed about in the casing from entering said passage.

1,571,551. DETACHABLE HANDLE AND ATTACHING MEANS FOR WOODEN BASKETS. HENRY W. KRAMER, Kingston, N. Y., assignor of one-half to Ralph P. Young, Marlboro, N. Y. Filed Oct. 1, 1925. Serial No. 59,811. 8 Claims. (Cl. 217—125.)

1. A handle for wooden baskets comprising side engaging members provided with vertically disposed portions adapted to extend above the top of the basket, and having a locking shoulder below the upper end thereof, of a separately formed bail member having guiding portions for engaging the vertically disposed projecting

portions of the side members, and hook portions adapted to engage said shoulders of the side members, where-



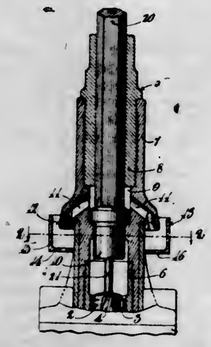
by said bail member when engaged with said side members, is rigidly connected thereto and maintained at all times in a substantially vertical position.

1,571,552. SAFETY RAZOR. LEANDER H. LA CHANCE and GEORGE BROWNING, Chicago, Ill., assignors to Lee Razor Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed Jan. 21, 1921. Serial No. 438,860. 5 Claims. (Cl. 30—12.)



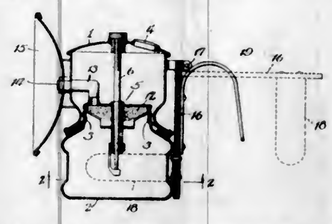
1. In a safety razor, in combination with a mount consisting of an integral plate having a blade-seating part, and a part struck back from the plane of said seat and folded forward, end portions forming a recessed connection from the blade seating portion to a guard-supporting terminal portion, said integral plate comprising also lugs folded back from the rear side of the blade seat, having end portions folded forward back of said seat for attaching the mount to a support which may thus be spaced back from said seat for accommodating blade-operating means behind the blade seat.

1,571,553. WATER-INTERCEPTING MEANS. EARLE A. LYNN, Spokane, Wash., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed June 18, 1920. Serial No. 389,975. 4 Claims. (Cl. 121—6.)



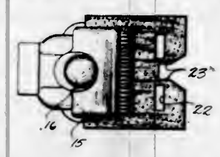
1. In combination with a rock drill having a rotating chuck and means for supplying cleansing fluid to a drill steel adapted to be received in said chuck, an attachment comprising a perforated annular portion in a plane transverse to said drill elastically gripping a stationary portion of said drill, and a portion coaxial with said drill and adapted to intercept liquid returning along said drill steel when the liquid is thrown by said chuck.

1,571,554. ACETYLENE LAMP. RAYMOND A. MULL, Benton Harbor, Mich., assignor to The Coolamp Company, Benton Harbor, Mich., a Corporation of Michigan. Filed Mar. 15, 1922. Serial No. 543,883. 8 Claims. (Cl. 48—4.)



1. In an acetylene lamp the combination of a water chamber, a carbide chamber, a feed tube extending downward from the water chamber and into the carbide chamber, carried by the bottom wall of the water chamber, in position to permit water to enter the upper end of the tube which bottom wall forms a removable cap for the top of the carbide chamber, a downwardly tapered valve member extending through said tube, means forming a screw adjustment for causing endwise movement of said member, comprising screw threads on the upper portion of said member, said member extending a distance below said tube, a stop on the lower end of said member to limit the upward movement thereof, said tube being tapered for its full length internally thereof at the same angle as said member, forming a valve seat for said member, whereby endwise adjustment of said member will vary the distance between the surface of said member and the surface of said tube, with one surface parallel with the other.

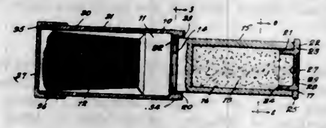
1,571,555. HONE FOR SHARPENING CLIPPERS. JACOB P. NIESEN, Chicago, Ill. Filed Aug. 27, 1924. Serial No. 734,375. 1 Claim. (Cl. 51—212.)



The combination with a hair clipper having a stationary and a reciprocating knife, of a reversible abrasive member adapted to be inserted between the knives having means engaging the clipper mechanism when inserted in one position to reciprocate the abrasive member over the stationary knife, and having means engaging the stationary knife when reversed to retain the same against movement.

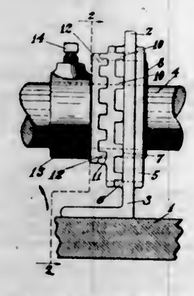
1,571,556. BRUSH. BARNEY R. NYHAGEN, New York, N. Y. Filed June 3, 1924. Serial No. 717,519. 3 Claims. (Cl. 132—81.)

1. In a brush having an exteriorly threaded bristle head, a handle protruding from the head in an opposite direction to the bristles and the handle of less diameter than the head for providing an annular stop shoulder at its juncture with the head, a removable cap on the free end of the handle and having an outwardly projecting annular flange of a diameter similar to the diameter of the stop shoulder of said head, a movable tubular protective shell surrounding the head and bristles of the brush, said shell having an interiorly threaded end screwed on the threads of the bristle head and having adjacent the threads an inwardly protruding annular flange abutting against the top shoulder of the head,



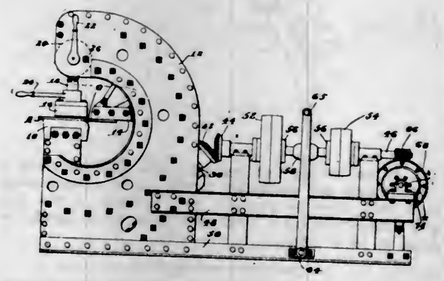
said shell also having exterior threads on its other end and the shell being slidably movable on the handle to and from its cap, and a threaded cap screwed on the second end of the shell.

1,571,557. SHAFT ADJUSTMENT. WILLIAM L. PAUL, Berkeley, Calif., assignor to Deere & Company, Moline, Ill., a Corporation of Illinois. Filed July 5, 1923. Serial No. 649,471. 4 Claims. (Cl. 308—62.)



1. A shaft bearing, a shaft supported therein, sleeves on the shaft and in the bearing, one sleeve within the other eccentric to each other and to the shaft and rotatable to adjust the shaft in varying directions radial to its axis, means on the sleeves integral therewith and interlocking to hold said sleeves from independent rotation, and means on the bearing integral therewith and interlocking with means on one of said sleeves to hold the latter from rotation after the shaft is adjusted.

1,571,558. FLANGING MACHINE. JAMES G. RUSSELL, Dorchester, Mass. Filed Aug. 14, 1922. Serial No. 581,674. 9 Claims. (Cl. 153—16.)



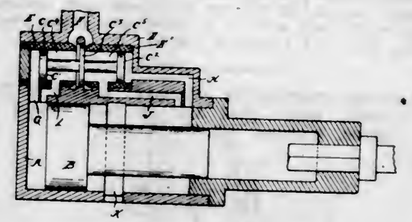
1. A flanging machine comprising means for holding material to be flanged, a bender adapted to operate upon material so held, and means for actuating said bender; the said holding means comprising a plunger movable toward and from the material along its own axis, and movable toward and from the material by rotation about an axis at right angles to its own axis, there being means to lock said plunger in different positions around the axis about which it rotates.

1,571,559. MILLING CUTTER AND PROCESS OF MAKING SAME. EDWARD F. SMITH, Chicago, Ill. Filed July 2, 1923. Serial No. 649,048. 4 Claims. (Cl. 76—101.)



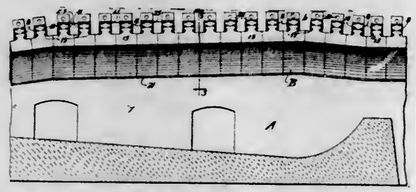
1. A milling cutter comprising a body portion consisting of a plurality of sheet metal blanks initially formed with marginal notches and secured together with the notches of different blanks in register with each other to form slots, and cutting teeth secured in said slots, the constituent elements of said cutter being brazed together to form a rigid, unitary structure.

1,571,560. PNEUMATIC TOOL. WILLIAM A. SMITH and CLARENCE H. DOCKHAM, Detroit, Mich., assignors to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Filed June 6, 1921. Serial No. 475,535. 6 Claims. (Cl. 121—18.)



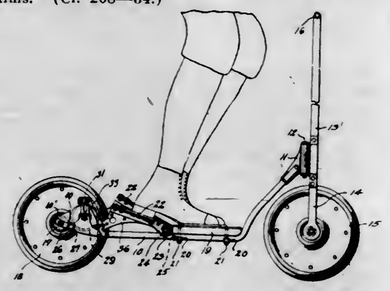
1. A valve construction for fluid-operated motors comprising a cylindrical casing, bushings therein spaced to form an annular port therebetween, a spool valve having end heads slidably fitting said bushings, and a central head or disk extending into said annular port and alternatively seating upon the opposite ends of said bushings, channels in said bushings surrounding said end heads and having exhaust ports connected thereto, said channels being seated by said heads respectively when said disk is seated upon the opposite bushing, a fluid supply passage communicating with said annular port, channels in said bushings leading from said supply passage to chambers at the ends of said valve, ports in said valve casing and bushing on opposite sides of said central disk alternatively in communication with said fluid supply passage and leading to the motor controlled by said valve, and an exhaust passage for the chamber at one end of said valve.

1,571,561. FURNACE-ROOF STRUCTURE. ENOCH P. STEVENS, Chicago, Ill.; Mary Ann Stevens executrix of said Enoch P. Stevens, deceased. Filed Apr. 12, 1923. Serial No. 631,650. 10 Claims. (Cl. 263—46.)



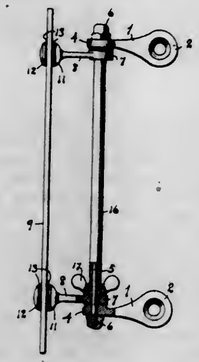
1. In a furnace having side walls, a roof structure comprising a plurality of removable bungs each including a supporting member adapted to be carried on the side walls, and a row of bricks carried by the supporting member with freedom of expansion and contraction.

1,571,562. SCOOTER. PHILO B. TINGLEY, New York, N. Y. Filed Mar. 13, 1924. Serial No. 698,875. 10 Claims. (Cl. 208—34.)



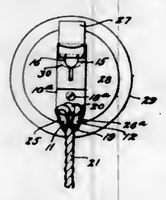
1. In a device of the character described, a stationary foot rest, a pair of treadles pivoted at the rear of said rest and each arranged for operation by the heel of a foot while the ball of the foot is on said rest, supporting wheels for said rest and an independent driving connection from each treadle to a wheel.

1,571,563. DEFLECTOR SUPPORT. HERBERT B. TRIX, Detroit, Mich. Filed Apr. 11, 1924. Serial No. 705,800. 5 Claims. (Cl. 296—84.)



4. In combination, two spaced supporting brackets, a clamping bracket in engagement with each supporting bracket, a rod connecting said brackets to limit the outward movement of the two outer brackets, a compression member extending between the two inner brackets and having a threaded end, and a nut on said threaded end in engagement with an inner bracket and adapted to press the opposite end of the compression member against the other inner bracket to press the inner and outer brackets together.

1,571,564. ATTACHING DEVICE FOR PICTURE AND MIRROR CORDS. ROBERT E. WALLISER, Chicago, Ill., assignor to H. F. Walliser Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 7, 1925. Serial No. 13,811. 5 Claims. (Cl. 24—115.)



1. A device of the character described, including a member having a socket; and a cord having a looped end fitting within said socket, said member having extensions curled around the opposite sides of said looped end of the cord.

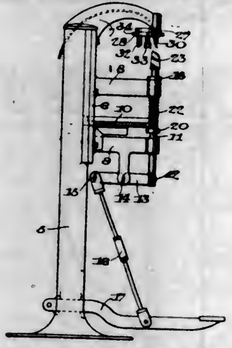
1,571,565. LETTERING INSTRUMENT. HUGO WEBBKIND, Nuremberg, Germany, assignor to Eugene Dietzgen Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 31, 1925. Serial No. 53,753. 5 Claims. (Cl. 120—110.)



1. A pen having four resilient nibs grouped about a common axis and means for forcing them outward away from each other to increase the thickness of the line, said means including a longitudinally movable element located in their midst.

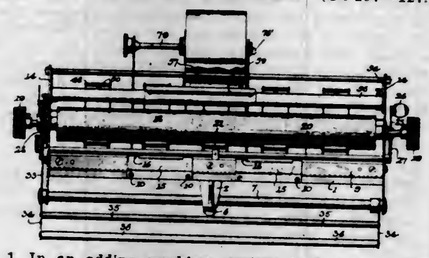
1,571,566. STITCH-DOWN LASTING MACHINE. SYLVESTER A. WEYENBERG, Milwaukee, Wis. Filed Dec. 15, 1922. Serial No. 607,068. 3 Claims. (Cl. 12—7.)

1. In a machine for making stitch down shoes wherein the upper is glued to the adjacent sole, the combination of a sole-engaging die, a plurality of upper-engaging dies, said upper-engaging dies being movable into cooperative relation, one at a time, with said sole-engaging die, and



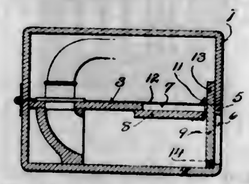
means for moving the cooperative dies relatively to each other to press the glued portion of the upper and sole into contact.

1,571,567. PAPER HOLDER FOR ADDING MACHINES. NELSON WHITE, Ithaca, N. Y., assignor to Peters Morse Manufacturing Company, New York, N. Y., a Corporation of New York. Filed Sept. 13, 1923. Serial No. 662,456. 15 Claims. (Cl. 197—127.)



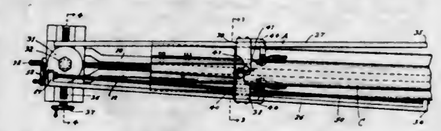
1. In an adding machine carriage having supporting castings, side frames, a platen, and paper roll holding means, a plurality of pressure rolls engaging said platen, a substantially rectangular shaft for pivotally mounting said rolls, a loosely mounted shaft secured between the side frames, and adapted upon rotation to release the pressure rolls from engagement with the platen, rock arms secured to said shaft, and a paper release bar secured to said rock arms.

1,571,568. PHONOGRAPH. DONALD T. ALLEN, Milwaukee, Wis., assignor to Prime Mfg. Co., Milwaukee, Wis. Filed Aug. 29, 1925. Serial No. 53,353. 3 Claims. (Cl. 45—52.)



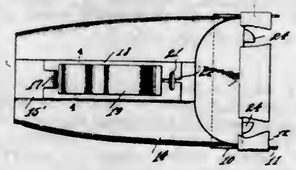
1. A portable phonograph comprising a body portion and a cover, said body portion having a top plate provided with a cutout and having a sound outlet opening in its front wall, and a slide positioned inwardly of said front wall and adapted to be drawn upwardly to uncover said outlet opening, and adapted to be moved rearwardly into the said cutout in the top plate.

1,571,569. RAIL CUTTER. DAVID E. ANDERSON, St. Paul, Minn. Filed Feb. 3, 1923. Serial No. 616,830. 18 Claims. (Cl. 266—23.)



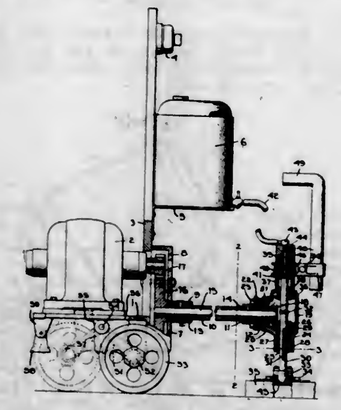
6. A rail cutter, comprising a rail clamping means, blow torch supporting means secured to said rail clamping means positioned on either side of the rail and means for operating said blow torch supporting means longitudinally of the rail whereby a portion may be cut from either side of the head and base of the rail simultaneously.

1,571,570. SAFETY STIRRUP. JOSEPH N. BURON, Santa Barbara, Calif. Filed Apr. 13, 1925. Serial No. 22,784. 3 Claims. (Cl. 54—49.)



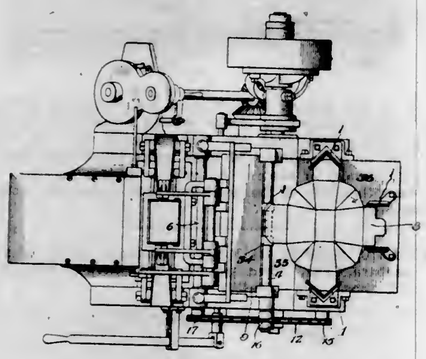
1. A stirrup including a foot receiving member having an opening in its upper portion, a rotatable member mounted on the said member and having a portion thereof projecting into the member through said opening, said rotatable member being arranged for contact with the rider's foot to facilitate the withdrawal thereof from the stirrup, and a covering means for the outer portion of said rotatable member.

1,571,571. BASE AND FLOOR BORDER POLISHING MACHINE. ERCOLE CAVICCHI, Quincy, Mass. Filed Oct. 17, 1924. Serial No. 744,136. 12 Claims. (Cl. 51—177.)



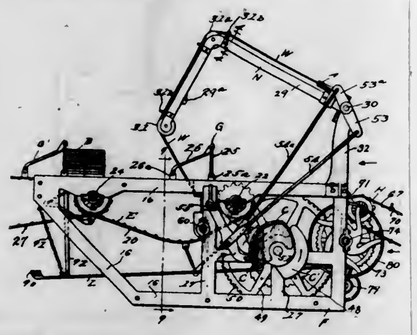
1. A portable surfacing machine comprising a frame having a lateral extension rigidly connected thereto, a motor mounted upon said frame, a tool-supporting head mounted on said extension and rotarily adjustable about the longitudinal axis thereof, a surfacing tool having a shaft rotatably mounted in said head and means operable by said motor for rotating said tool.

1,571,572. MACHINE FOR FEEDING SHEET MATERIAL. EDWARD CRAIG, St. Joseph, Mich. Original application filed Apr. 23, 1920, Serial No. 376,161. Divided and this application filed Aug. 19, 1921. Serial No. 493,573. 13 Claims. (Cl. 271—29.)



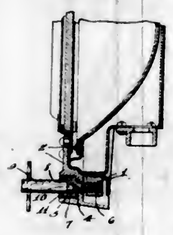
1. In a machine for making receptacles from sheet material, the combination of means for supplying the sheet material, and for supporting the front edge thereof, feed rolls to receive the sheet material from said means, a movable suction nozzle for pulling the edge portion of the sheet material downward into position to be engaged by said feed rolls, and guiding and supporting means to receive the sheet from said rolls, together with supporting and operating means whereby said nozzle is unaffected by the operation of said rolls, in combination with instrumentalities including a sprocket chain for operating said feed rolls, a second pair of feed rolls also operated by said sprocket chain, the second pair receiving the sheet material from the first pair, and means including a reciprocating member upon which said feed rolls are carried for reciprocating said rolls horizontally, a portion of said sprocket chain being disposed horizontally to facilitate the reciprocation of the feed rolls.

1,571,573. BINDING MACHINE. ALBERT EARL CRANSTON, Spokane, Wash., assignor to Alec J. Gerrard, Chicago, Ill. Filed Sept. 4, 1919. Serial No. 321,643. 16 Claims. (Cl. 100—31.)



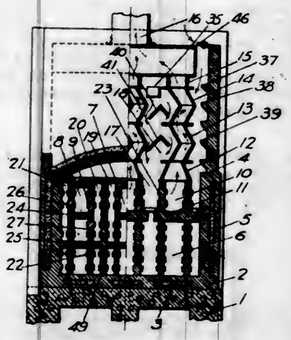
12. In a binding machine for binding integers of substantially fixed contour into a bundle; mechanism for advancing said integers irrespective of variations in their circumferential sizes, and without adjustment into binding positions; and mechanism for automatically binding and tying said integers with wire irrespective of variations in their circumferential sizes within the capacity of the machine.

1,571,574. LOCK. ROYAL E. CROSSLEY, Syracuse, N. Y., assignor to Crouse-Hinds Company, Syracuse, N. Y., a Corporation of New York. Filed Dec. 4, 1923. Serial No. 678,530. 4 Claims. (Cl. 70—14.)



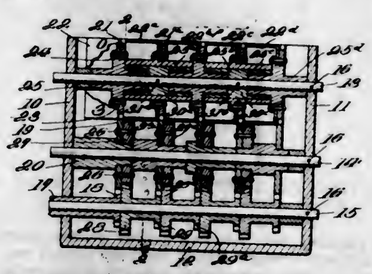
1. A lock for holding two parts together comprising a rotatable member having a head and axial shank extending through said parts and provided with means for interlocking therewith and unlocking therefrom upon the turning of said member, the head being formed with a socket and countersink concentric with the axis of the shank, the socket opening eccentrically through the bottom of the countersink, in combination with a key having a cylindrical body substantially fitting the countersink and an eccentric pin for entering said socket.

1,571,575. PROCESS OF HEATING GASES AND EQUIPMENT THEREFOR. WILLIAM A. DARRAH, Chicago, Ill. Filed Apr. 25, 1923. Serial No. 634,642. 11 Claims. (Cl. 263—20.)



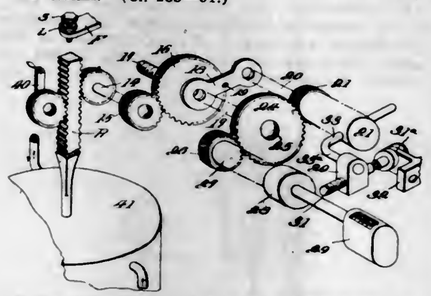
1. A furnace for heating gases, which consists of combustion chambers having walls of relatively good conducting material, flues connecting said combustion chambers to a stack, spaces between said combustion chambers and flues for the circulation of said gases to be heated, and separating walls of lower heat conductivity than said chamber walls located in said spaces between said combustion chambers.

1,571,576. HEAVY-DUTY COUNTER. JAMES M. DAYTON, Hartford, Conn., assignor to Dayton Manufacturing Company, Torrington, Conn., a Corporation of Connecticut. Filed Aug. 6, 1925. Serial No. 48,600. 10 Claims. (Cl. 235—1.)



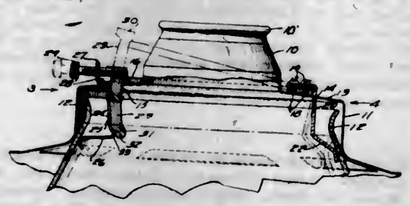
2. In a counter, a shaft, a plurality of wheels journaled about the axis of said shaft and bearing bushings attached to said wheels and supported concentrically with said shaft, some of said bushings overlapping each of the adjacent bushings.

1,571,577. COMPENSATOR. JAMES M. DAYTON, Hartford, Conn., assignor to The Dayton Manufacturing Company, Torrington, Conn., a Corporation of Connecticut. Filed Aug. 18, 1925. Serial No. 50,974. 10 Claims. (Cl. 235—91.)



8. The combination of a counting mechanism for a pump, a continuously oscillating lever actuated with the pump, a second oscillating lever in operative relation with the counting mechanism, a fixed fulcrum for said second lever in fixed relation thereto, said second lever being actuated directly by said first lever, and means to adjust said fixed fulcrum and said second lever.

1,571,578. SHADE SUPPORT. LEROY C. DOANE, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a Corporation of Connecticut. Filed Mar. 31, 1925. Serial No. 19,575. 19 Claims. (Cl. 240—131.)



17. In a shade support, a normally horizontal ring having an arm depending from one side of the ring and arc shaped about a center at the opposite side of the ring.

1,571,579. ARTIFICIAL FABRIC. NINA L. DURYEA, Stockbridge, Mass. Filed Sept. 30, 1921. Serial No. 504,469. 1 Claim. (Cl. 154—52.)



A fabricated material comprising a plurality of layers, each of said layers having fibres disposed longitudinally therein, but one only of said layers having its fibres disposed longitudinally of said material, the other layers being superimposed thereon so that the fibres of each superimposed layer are angularly disposed to said first mentioned layer and overlap the outside edges thereof.

1,571,580. AUTO WRENCH. MOSES P. FISHBURN, Carthage, Mo. Filed June 16, 1925. Serial No. 37,506. 1 Claim. (Cl. 81—121.)



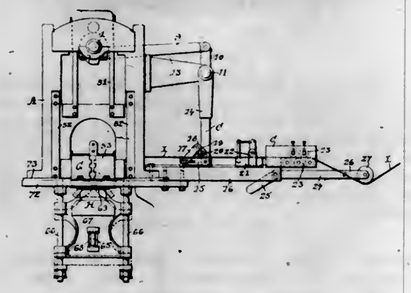
A tool of the class described comprising a strip of sheet metal, one end of the strip of sheet metal being bent upon itself and constructed to provide an octagonal socket member, said socket member having various sized openings in the wall thereof, and said strip of sheet metal being cut away to provide a handle portion.

1,571,581. HOLDER FOR FLAGS OR THE LIKE. DAVID FLIEGELMAN and HORACE M. BRIDGEWATER, Bridgeport, Conn. Filed Nov. 13, 1924. Serial No. 749,679. 1 Claim. (Cl. 248—37.)



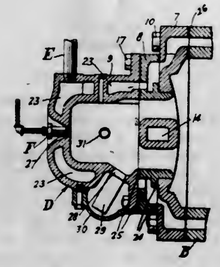
As an article of manufacture, a holder for staffs of flags or the like adapted for use upon automobiles or other vehicles, comprising a single piece of spring metal and including a longitudinally split laterally expansible and contractible resilient tubular portion having an unobstructed passage of uniform cross section therethrough permitting engagement of said staff to any desired extent in parallel relation to the axis of said tubular portion, said tubular portion adapted to be expanded to receive and to contract to clampingly secure the staff, the split being centrally at the rear of said tubular portion, the front of the holder extending below the rear of said tubular portion and being an integral continuation of the front part thereof whereby the tubular portion terminates in spaced relation to the base of the holder, spring arms at each side in integral continuation of said front part below the tubular portion, said arms being adapted for clamping the holder to a portion of the vehicle.

1,571,582. FLEXIBLE-SHINGLE-WIRING MACHINE. ALBERT ABBE GRISWOLD, Providence, R. I., and ALVIN CARROLL GODDARD, Richmond Hill, N. Y., assignors, by direct and mesne assignments, of one-half to said Griswold and one-half to John Francis Chevalier, Brookline, Mass. Filed May 12, 1922. Serial No. 560,481. 5 Claims. (Cl. 140—93.)



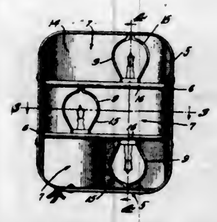
1. In a flexible-shingle wiring machine, a frame having a bed, a driving mechanism having a driving shaft, a wire staple forward carrying mechanism consisting of a cam on the driving shaft engaging with a roll in a vertical frame which is reciprocally supported in bearings in a fixed frame on the main frame of the machine, a bell-crank lever pivotally secured to a bracket on the main frame and having a vertical and a horizontal arm, a link on the horizontal arm adjustably secured to the lower end of a vertical connecting rod the upper end of which is adjustably secured to the reciprocating frame, means for adjusting the connecting rod, staple forward pushing plates on the bed of the machine and operatively connected with the upper end of the vertical arm of the bell-crank lever, and a spring on the connecting rod, whereby the spring will operate to move the staple forward pushing plates forward and the cam will move the staple forward pushing plates backward.

1,571,583. CYLINDER HEAD FOR INTERNAL-COMBUSTION ENGINES. LEON F. HOFFMAN, Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Filed June 10, 1924. Serial No. 719,054. 12 Claims. (Cl. 123—173.)



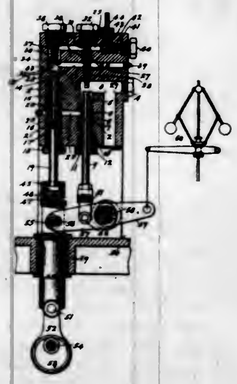
1. In an oil engine, in combination with the cylinder thereof, a three part cylinder head comprising a cylinder head ring engaging the cylinder and providing an opening of smaller diameter than the cylinder bore, a perforated partition member engaging said ring and closing said opening, and a combustion chamber member engaging said partition member, and means securing the parts of the head together and to said cylinder.

1,571,584. SAFETY STOP LIGHT. CLYDE M. JANES, Pawtucket, R. I. Filed May 4, 1923. Serial No. 636,647. 1 Claim. (Cl. 177—329.)



A signaling box including a body portion, partitioning members arranged within the body portion and providing an upper compartment, a lower compartment, and an intermediate compartment, curved partitioning members extending transversely of the compartments, the curved partitioning members in the lower compartment and intermediate compartment having flanges bent outwardly and inwardly to embrace portions of the first mentioned partitioning members and, the last mentioned partitioning members having cut out portions to receive lamp bulbs.

1,571,585. FUEL PUMP FOR INTERNAL-COMBUSTION ENGINES. OLAV ESKIL JORGENSEN, New York, N. Y., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Jan. 25, 1921. Serial No. 439,803. 7 Claims. (Cl. 123—140.)

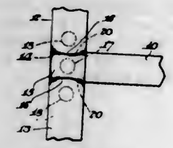


1. In a fuel injection pump, a plunger chamber having suction and discharge means, a plunger by-passing fluid during part of its pressure stroke, means actuated by said plunger for operating said suction means to relieve pump pressure, and speed responsive mechanism controlling said plunger actuated means to regulate the amount of fluid pumped per plunger stroke.

1,571,586. PILE-FORMING WIRE FOR PILE-FABRIC LOOMS. JACOB KAUFMANN, Elkins Park, Pa., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 29, 1925. Serial No. 33,641. 5 Claims. (Cl. 139—46.)

1. A pile forming wire, and a controlling heddle to which one end of said pile forming wire is attached,

said heddle comprising two strips of thin, flat metal or wire, the end of the pile forming wire being positioned between said strips, said strips being perma-



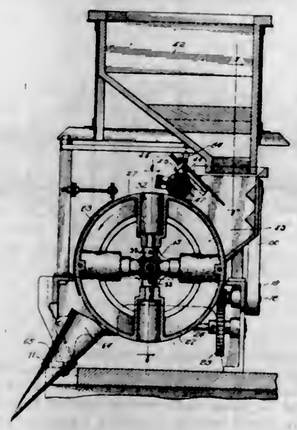
nently united to the end of the pile forming wire and being permanently united to each other adjacent the place of attachment of the pile forming wire.

1,571,587. BOBBIN HOLDER FOR BRAIDING MACHINES. KASPER KAZARIAN, Providence, R. I. Filed Oct. 31, 1925. Serial No. 66,090. 6 Claims. (Cl. 96—15.)



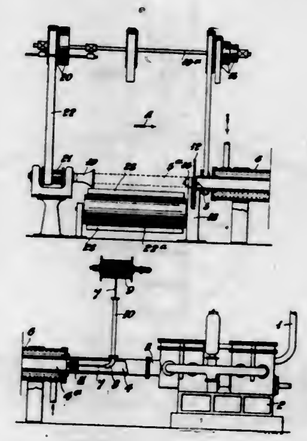
1. A braiding machine bobbin holder having a high tooth adapted to engage the teeth on a braiding machine bobbin and a low tooth adapted to engage the bobbin teeth, for the purpose as described.

1,571,588. MEASURING MACHINE FOR PEANUTS AND THE LIKE. GUSTAVE C. KELLING, Chicago, Ill. Filed Feb. 1, 1922. Serial No. 533,291. 4 Claims. (Cl. 221—107.)



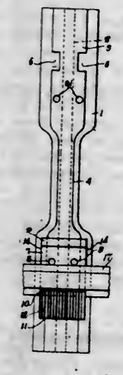
1. A measuring machine for loose material comprising a frame, a member rotatably mounted thereon of cylindrical form, a plurality of outwardly opening receptacles therein, means for filling said receptacles with said material at a given point in its rotation, means for retaining said material in the receptacles, means for rotating said receptacles in the member as the latter rotates, and means for releasing said material at a given point in the rotation of the member.

1,571,589. APPARATUS FOR THE MANUFACTURE OF CANDLES. ELIZABETH ANNA KERR, Dublin, Ireland. Filed June 8, 1925. Serial No. 35,801. 2 Claims. (Cl. 18—13.)



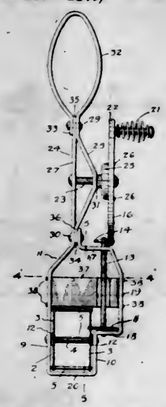
1. A unitary automatic apparatus for manufacturing candles comprising a mold, means for introducing a wick in said mold, means for forcing wax through the mold, a cutter arranged to shape the end of the wax after it issues from said mold, and means operating intermittently to sever the wax issuing from the mold following each operation of the cutter to shape the end thereof.

1,571,590. RAILWAY. JOHN M. KINCADE, Springfield, Ohio, assignor of two-fifths to Frank E. Snypp, Springfield, Ohio. Filed June 20, 1923. Serial No. 646,597. 6 Claims. (Cl. 238—65.)



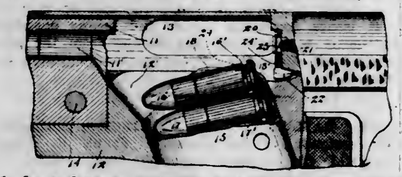
1. The combination in a track equipment of a sleeper, a baseplate mounted thereon, a rail mounted on said baseplate and engaged thereby, means for locking said rail, baseplate, and sleeper to one another, means for preventing said locking means from becoming unlocked, and means for preventing access to said locking means.

1,571,591. EGG BEATER. HARRY C. LOCKWOOD, Brooklyn, N. Y. Filed July 24, 1925. Serial No. 45,737. 17 Claims. (Cl. 259—137.)



17. An egg-beater having a beater rotor mounted on a substantially horizontal axis, and an impact member adjacent said beater rotor, against which the material carried upward is impinged.

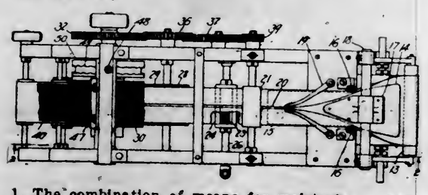
1,571,592. AUTOMATIC PISTOL. CRAWFORD C. LOOMIS, Ilion, N. Y., assignor to Remington Arms Company, Inc., a Corporation of Delaware. Filed Aug. 3, 1921. Serial No. 489,513. 14 Claims. (Cl. 42—7.)



1. In a firearm, a frame, a firing chamber, a breech block mounted for reciprocation on the frame, a magazine having a discharge opening adjacent said breech block, a downwardly extending feeding lug on the breech block and means formed upon the magazine whereby the cartridge is given a preliminary tilting movement during the forward movement of the breech block.

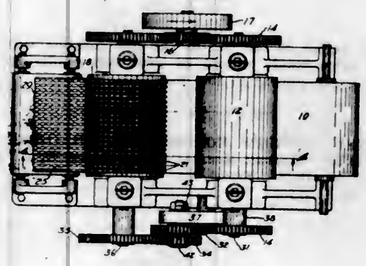
14. The process of transferring a cartridge from a magazine to a firing chamber, comprising imparting a forward and upward movement to the base of the cartridge to release said cartridge from an adjacent cartridge, tilting said cartridge so that its forward end is raised to facilitate its insertion into the chamber, and then moving said cartridge into said chamber.

1,571,593. PAPER CRINKLING. WILLIAM A. LORENZ, Hartford, Conn., assignor to The Otaka Fabric Company, Hartford, Conn., a Corporation of Connecticut. Filed Dec. 9, 1920. Serial No. 429,317. 32 Claims. (Cl. 92—69.)



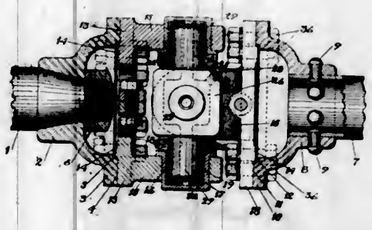
1. The combination of means for moistening a web of paper, and a pair of rolls having corrugations to cooperate to form longitudinal flutings or corrugations in the web, the corrugations in the rolls having wave-like configuration.

1,571,594. PAPER EMBOSSING. WILLIAM A. LORENZ, Hartford, Conn., assignor, by mesne assignments, to Otaka Fabric Company, Hartford, Conn., a Corporation of Connecticut. Filed Aug. 5, 1921. Serial No. 489,958. 19 Claims. (Cl. 154—30.)



1. A web-embossing machine comprising coupled power-driven embossing rolls and coupled power-driven feeding-in or drawing rolls geared to run at higher peripheral speed than the embossing rolls, and a supplementary set of power-driven indenting or embossing rolls through which passes the web that is indented or embossed by the first set of embossing rolls.

1,571,595. UNIVERSAL COUPLING. RALPH M. LOVEJOY, Meredith, N. H. Filed Oct. 28, 1921. Serial No 510,994. 20 Claims. (Cl. 64—102.)



1. A universal coupling for a driving and a driven shaft comprising coupling means having trunnions, yoke members formed in complementary sections adapted to be assembled in pairs, each section having a socket provided with a closed base to receive a trunnion, means for securing the sections of a pair together after assemblage upon the trunnions of the coupling member and means for securing the assembled pairs of sections respectively to said driving and driven shafts.

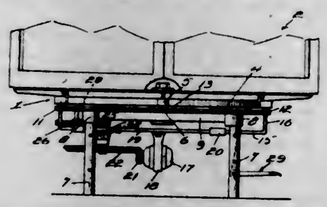
1,571,596. MEASURING INSTRUMENT. ANNA MILLER, Dallas, Tex. Filed Aug. 1, 1925. Serial No. 47,591. 2 Claims. (Cl. 33—2.)

1. A measuring instrument of the class described including a rigid rule, a coupling pivotally engaged with one end of the rule, a tape looped at one end about the coupling, said tape being formed of flexible material



folded over upon itself along two spaced longitudinally dimensions so as to provide a three-ply structure.

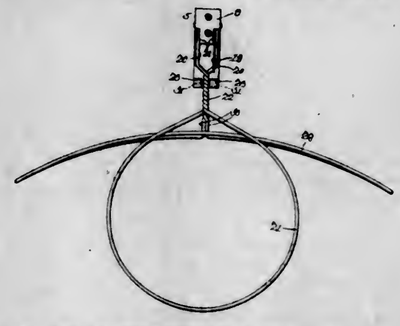
1,571,597. ROTARY SHOW-CASE STAND. CHARLIE E. NICHOLS, Augusta, Ga. Filed Dec. 29, 1924. Serial No. 758,657. 4 Claims. (Cl. 211—20.)



4. In a structure of the class described, a relatively stationary table embodying standards, radiating arms connected to the tops of said standards, a circular track mounted upon said table, a pair of spaced parallel guide rods carried by and disposed beneath said track, a rotary head mounted for rotation upon said track, said head embodying radially disposed spider arms carrying a depending circular frictionally driven band, a plate slidably mounted between the aforesaid guide rods, intermeshing gearing carried by said plate, driving means for said gearing carried by said plate, a friction pulley in association with said gearing and in frictional driving contact with said band, spring means for normally maintaining said pulley in frictional contact with the band, and a bell crank fulcrumed upon said table and connected with said plate for sliding it in a direction upon said guide rod against the tension of said spring means.

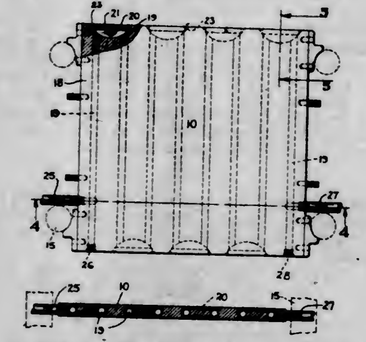
1,571,598. GARMENT HANGER. CHARLES E. NORDENDALE and HARRY W. NORDENDALE, Chicago, Ill. Filed Aug. 26, 1925. Serial No. 52,632. 2 Claims. (Cl. 211—13).

1. In a device of the class described, the combination with a plate and a casing secured to one end thereof, of upwardly extended spaced lugs at the other end of said plate, said end of the plate adjacent said casing, and said casing secured to a support, said casing having a pair of spaced guide-ways between its sides, a hat holding ring having strands twisted together and extended radially therefrom, the said strands being separated near their free ends and pivotally connected to the interior of the casing so as to operate in said guide-ways, a coil spring mounted transversely in said casing and having one of its ends in contact with one of said strands and



its other end in engagement with said casing, a coat hanger having extended therefrom at about its middle, a shank provided at its free ends with arms to engage said lugs, the said strands of the hat ring being adapted to normally rest slightly above and between said lugs.

1,571,599. PLATEN FOR VULCANIZING PRESSES AND THE LIKE. J. FRANK NORTH, Ansonia, Conn., assignor to Farrel Foundry & Machine Company, Ansonia, Conn. Filed Mar. 7, 1922. Serial No. 541,839. 28 Claims. (Cl. 18—17.)

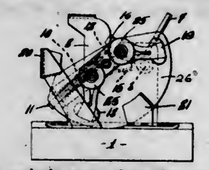


1. A platen for presses and the like, adapted to be heated or cooled by an interiorly circulating fluid, and composed of a rolled steel plate having a plurality of suitably interconnected drilled bores, forming a sinuous duct, the passages interconnecting adjacent bores being formed by recesses cut through opposite edges of the plate, but shut off from the exterior of the plate, and said bores terminated at said passages.

1,571,600. ELECTRIC SWITCH. EDWIN A. OLLEY and FLOYD C. SMITH, Syracuse, N. Y., assignors to Crouse-Hinds Company, Syracuse, N. Y., a Corporation of New York. Filed Mar. 28, 1921. Serial No. 456,248. 8 Claims. (Cl. 200—67.)

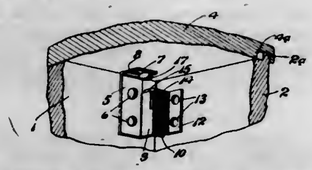
1. In a switch, a base, a support rising from the base, a switch arm pivoted to the support, and an operating lever pivoted to the support on an axis at one side of and parallel to the axis of the switch arm, the operating lever having an arm extending crosswise of the axis of the switch arm and movable across such axis, a compression spring interposed between the arm of the lever

and the switch arm to throw the switch, the switch arm being also formed with spaced apart shoulders and the arm of the lever being also formed with a shoulder extending between the former shoulders to engage the same



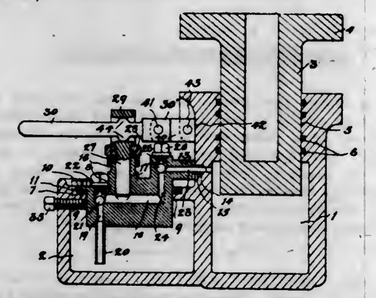
and throw the switch arm when the operating lever has been moved far enough to tension and position the spring to throw the switch arm and the spring fails to act, substantially as and for the purpose set forth.

1,571,601. BOOKCASE CONSTRUCTION. JAMES A. RICHARDS, Grand Rapids, Mich., assignor to The Gunn Furniture Company, Grand Rapids, Mich., a Corporation of Michigan. Filed Apr. 7, 1924. Serial No. 704,734. 6 Claims. (Cl. 45—48.)



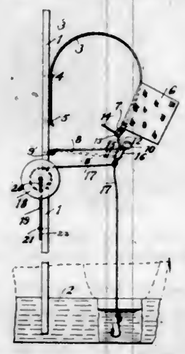
1. In a book case construction, end members, front and rear upper rails located horizontally between the end members, interengaging connecting devices attached to the said rails and end members, said devices connected to the end members having horizontally located upper sections having upper sides in the same plane with the upper edges of the said end members, said upper sections being slotted, a top over the said end members and rails, and headed members attached to and depending from the under side of the top, the shanks thereof being received in said slots in said upper sections of said devices, substantially as and for the purposes described.

1,571,602. HYDRAULIC JACK. JAMES ROBERTS, Toronto, Ontario, Canada. Filed Mar. 20, 1924, Serial No. 700,488. Renewed Dec. 11, 1925. 2 Claims. (Cl. 138—9.)



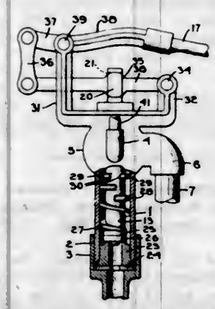
1. An hydraulic jack comprising a base having a ram chamber and a separate fluid receptacle; a ram operating in said ram chamber; a pump secured to said fluid receptacle and connected with the ram chamber, and embracing a plunger having a slotted head, the upper end of said slot being curved downwardly, and the lower end thereof being curved upwardly, and the apexes of said curved surfaces being substantially in alignment with the longitudinal axis of said plunger; a lever extending through said slotted head and provided at its upper and lower sides with aligned bossea projecting therebeyond which operate in contact with the curved upper and lower ends of said slots, and means fixedly carried by said base and projecting laterally therebeyond and to the outer end of which the inner end of said lever is pivoted so that the fulcrum for said lever will be substantially in alignment with the longitudinal axis thereof, said pump through the movement given to said plunger through the medium of said lever drawing fluid from said fluid receptacle and forcing it into said ram chamber.

1,571,603. FISHERMAN'S TYPE. CHARLES S. RUGOLES, Quincy, Mass. Filed Sept. 27, 1924. Serial No. 740,386. 4 Claims. (Cl. 43—16.)



1. In a fisherman's type, the combination with a post or bar member, an elastic member slidably attached thereto, an attaching ring in the outer end of the elastic member, a trip-arm pivotally attached to the bar comprising a short piece of wire having its outer end formed with a closed loop to provide a substantially deep exteriorly located recess on its upper side for receiving the loop of the line which supports the hook, said arm having its extreme outer end bent to form an obtuse angular shaped portion to receive the said attaching ring of the elastic member, the construction and arrangement of the trip device being such that when the line and arm are pulled downward the ring is readily disengaged from the angular shaped portion of the arm and the loop of the line is disengaged from the said recess, and a reel attached to the bar on which the line is wound.

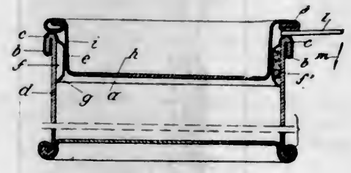
1,571,604. BALL COCK FOR USE UPON HIGH AND LOW PRESSURE SYSTEMS. THOMAS W. RYAN, Concord Junction, Mass. Filed Feb. 14, 1924. Serial No. 692,722. 11 Claims. (Cl. 137—104.)



8. A ball-cock comprising a casing having a relatively long cylindrical chamber with inlet and outlet openings, a valve seat at said inlet opening, a piston reciprocably

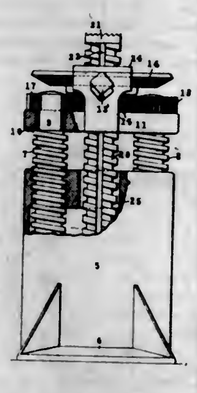
mounted in said chamber having a valve co-operating with said valve seat, a spiral deflector on a portion of said piston and a series of baffle plates alternately arranged at intervals and overlapping at their adjacent ends and acting to divide the stream beyond said spiral deflector into a plurality of streams and to cause the same to flow in sinuous paths.

1,571,605. MEANS FOR CLOSING RECEPTACLES. EDMOND LOUIS ROMAIN SALLES, Paris, France. Filed July 16, 1921. Serial No. 485,232. 7 Claims. (Cl. 220—42.)



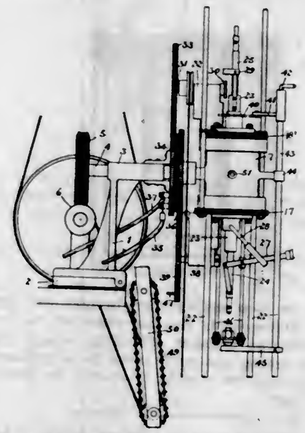
1. Means for closing containers comprising two elements fitting one into the other when they are forced one into the other, a ferrule interposed between the two elements, the said ferrule being fixed by one of its edges on to one of the elements, and having its body substantially parallel to an engaging portion of the other element, and extending from the point of attachment out of contact with a wall of the element on to which it is fixed, the other edge of the ferrule being bent back towards but unattached to the wall of the element onto which it is fixed to permit a yielding action when the elements are fitted one into the other.

1,571,606. JACK. KENNETH H. SAUNDERS, Brattleboro, Vt., assignor to Millers Falls Company, Millers Falls, Mass., a Corporation of Massachusetts. Filed Jan. 12, 1925. Serial No. 1,815. 18 Claims. (Cl. 254—102.)



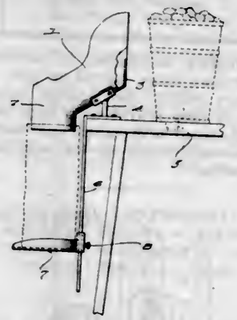
18. In a jack, in combination, a plurality of intermeshing gears, a support therefor, gear-operating mechanism carried by said support, a screw threadedly connected to one of said gears, a keyway formed in said screw, a key carried by said support and extending into said keyway, a base, and a further screw arranged beside said first-named screw and threaded into said base, said further screw being rotated by another of said gears.

1,571,607. METHOD OF AND APPARATUS FOR THE MANUFACTURE OF HOLLOW WARE FROM REFRACTORY MINERAL SUBSTANCES. CYRIL C. SCHNUR, Toronto, Ontario, Canada. Filed May 16, 1923. Serial No. 639,436. 9 Claims. (Cl. 204—64.)



1. A method of manufacturing hollow ware from refractory mineral substances, consisting in first fusing a quantity of the substances into a tubular billet with an electric arc, then extinguishing the arc and then drawing the fused material into an elongated tubular form.

1,571,608. BAG HOLDER AND FILLING DEVICE. RAYMOND H. STILLMAN, Eatontown, N. J. Filed Nov. 22, 1924. Serial No. 751,613. 1 Claim. (Cl. 83—26.)

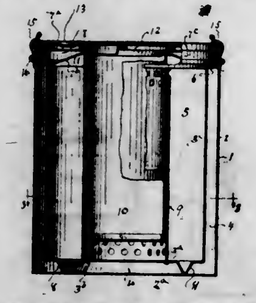


In combination, a horizontal support, a standard rising from the horizontal support adjacent one end thereof, an inclined hopper mounted on the standard and disposed to extend over said end of the horizontal support, the lower end of said hopper being disposed vertically, and a bag holder supported from said end of the support and disposed below the lower vertical portion of the hopper.

1,571,609. ICE-CREAM FREEZER. FRANK A. STIERUP, Westfield, N. J. Filed Oct. 20, 1923. Serial No. 669,657. 3 Claims. (Cl. 220—9.)

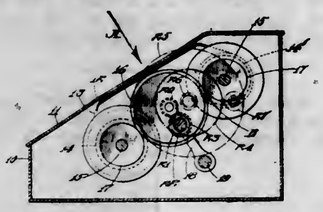
1. An ice cream freezer comprising a casing having an open end and double walls spaced apart and provided with a member closing the outer end of the space between said walls, the outer wall extending beyond the inner wall, a perforated cylinder secured at its inner end to a wall of said casing and having an open outer end opening

through the open end of said casing, a cover for the open end of the casing adapted to be supported upon the inner wall of the casing within the outer end of the latter, said cover having an opening, and a chamber depending from said cover adapted to fit within said cylinder, said cham-



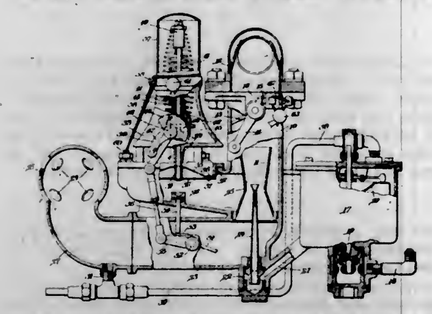
ber having an open end opening through said opening in said cover, and a cover for said chamber, the outer end of the perforated cylinder extending beyond the inner wall of the casing, the main cover being recessed on its inner side around its opening to receive the adjacent end of the cylinder.

1,571,610. WEB-WINDING MECHANISM. PHILO B. TINOLEY, New York, N. Y. Filed Feb. 6, 1923. Serial No. 617,219. 6 Claims. (Cl. 40—93.)



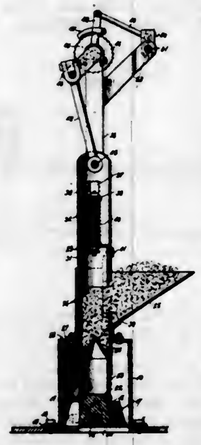
1. In a winding mechanism, in combination, a pair of rollers, friction disks carried by said rollers respectively, a single friction disk located between said first named disks in close proximity to both and bodily movable into engagement with either, and means for rotating and simultaneously bodily moving said last named disk in either direction.

1,571,611. CARBURETOR. JESSE G. VINCENT, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Jan. 13, 1916. Serial No. 71,936. 2 Claims. (Cl. 231—46.)



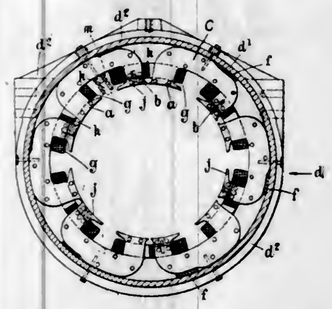
1. In a carburetor, the combination of a mixing chamber, means for supplying fuel thereto, main and auxiliary air intakes, a butterfly valve in the main intake provided with a cam surface, a valve in the auxiliary air intake, and a continuous rod extending through the walls of said intakes between said valves arranged to engage said cam surface and restrict the opening of the auxiliary intake valve in accordance with the position of the butterfly valve.

1,571,612. STOKER. WILBURT WARD, Ste. Genevieve, Mo. Filed Aug. 24, 1925. Serial No. 52,002. 4 Claims. (Cl. 214—35.)



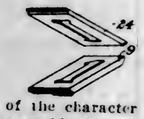
1. A stoker comprising, in combination, a hollow reciprocating member adapted to deliver successive charges of fuel to a grate, and having a fuel receiving opening, means to deliver fuel to said opening, means in the path of said member adapted to telescope therewith to prevent escape of gases while said opening is receiving fuel and other means telescoping with said member to close said opening while said member is delivering fuel to the grate.

1,571,613. DYNAMO-ELECTRIC MACHINE. HAROLD KENNETH WHITEHORN, Maidstone, England, assignor to Tilling-Stevens Motors Limited, Maidstone, England. Filed Aug. 6, 1924. Serial No. 730,488. 4 Claims. (Cl. 171—228.)



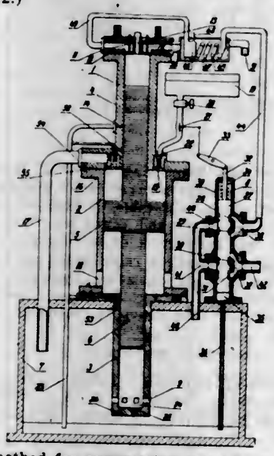
1. A dynamo-electric machine having a field magnet including the combination of a plurality of magnets each having one pole of comparatively large and one of comparatively small sectional area, a large pole and a small pole from adjacent magnets forming two separate sections of each main pole of the complete field magnet and a series winding spanning each small pole section.

1,571,614. STAMPING MACHINE WITH TRANSFERABLE DIES. THEODORE R. WILLWERSCHEID, St. Paul, Minn. Filed June 19, 1925. Serial No. 38,169. 4 Claims. (Cl. 101—18.)



1. A mechanism of the character described, having a fixed element and a movable element, a die holder affixed to the stationary element, and a die holder slidably connected to the movable element, said second die holder having die retaining means therein to be moved adjacent the movable element during an operation thereof to lock a die in the die holder, and to be moved laterally beyond the movable element when said movable element is returned to an unoperated conditon, to free the die for removal.

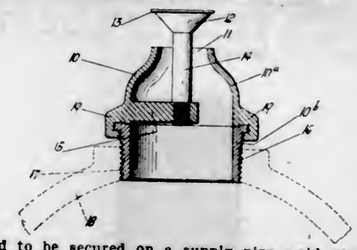
1,571,615. METHOD AND APPARATUS FOR COMPRESSING GAS. JULES BABIN, Paris, France. Filed July 12, 1922. Serial No. 574,413. 6 Claims. (Cl. 123—2.)



1. A method for compressing gases by means of a free flying piston travelling in a cylinder consisting in introducing a charge of a compressed explosible mixture into the cylinder, igniting said charge when the piston has travelled over a part of its stroke, utilizing the working of the piston produced by the introduction of the said charge and by the explosion, to reduce the volume of a supply of compressed gas whose pressure is kept constant, using the same working of the piston for the suction of a given charge of the gas to be compressed, using the expansion of the said supply of compressed gas for producing the working of the piston in an opposite direction, using the said opposite working of the piston for compressing and then forcing at a constant pressure, the charge of gas to be compressed, using said opposite working of the piston for expelling the exhaust gases, and equalizing the quantity of motive power produced by the expansion of the compressed gas and the quantity of resisting power invested in the compression of the gas and its forcing at a constant pressure, so that the free flying piston will reach its starting point with a speed equal to zero.

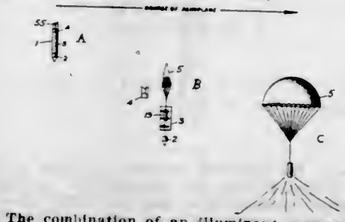
1,571,616. SPRAY NOZZLE. ALVIN B. BACKHERMS, Akron, Ohio, assignor of one-half to Elmer J. Green, Akron, Ohio. Filed Apr. 6, 1925. Serial No. 20,891. 3 Claims. (Cl. 299—121.)

3. A sewage spray nozzle including a two part dome of non-corrodible material, one of said parts having a discharge orifice therein and carrying an arm having a sprender thereon and the other of said parts being



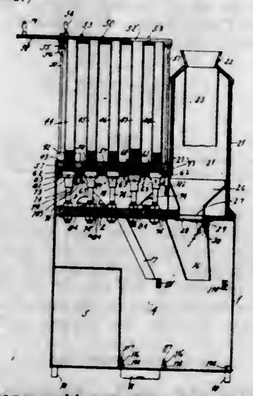
adapted to be secured on a supply pipe, said parts being detachably connected together adjacent the arm, and means on said parts for securing them together.

1,571,617. AERIAL FLARE BOMB. PRESTON R. BASSETT, Brooklyn, N. Y., assignor to Elmer A. Sperry, Brooklyn, N. Y. Filed Sept. 22, 1917. Serial No. 192,776. 17 Claims. (Cl. 102—20.)



17. The combination of an illuminant, means for supporting said illuminant in the air, a casing for said illuminant and said supporting means, said casing comprising a plurality of sections, means connecting said sections operable to release said sections, time-controlled mechanism in one of said sections for operating said connecting means to release said sections, said illuminant being positioned in another of said sections, and a connection between said time mechanism and said illuminant whereby separation of the respective sections ignites said illuminant.

1,571,618. CHANGE-MAKING MACHINE. SAMUEL J. BELL, Springfield, Mass., assignor to Bell Register, Inc., Woonsocket, R. I., a Corporation of New York. Filed Oct. 4, 1921. Serial No. 505,433. 16 Claims. (Cl. 133—4.)



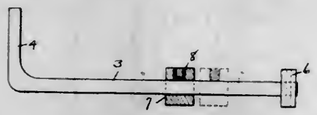
2. In a change-making machine, a container for coins, a container for objects, other than coins, of the same shape and size, and means for simultaneously dispensing a plurality of said coins and transferring one or more of said objects.

1,571,619. DEVICE OR IMPLEMENT FOR KILLING OR DISABLING INSECTS, FLIES, AND THE LIKE. JOHN L. BENNETT, Decatur, Ill., assignor to U. S. Manufacturing Corporation, Decatur, Ill., a Corporation of Illinois. Filed Feb. 9, 1923. Serial No. 617,956. 1 Claim. (Cl. 43—137.)



A device of the character described including in combination, a flexible body of substantially rectangular shape having its lower corner portions folded upon the body along lines which converge toward a point and form a triangular extension, a handle member having diverging portions positioned between the body and said folded portions at the said triangular extension and fitting closely within the folds and securing means passing through the body and the folded portions and positioned between the diverging portions, additional securing means passing through the body and the folded portions and located above the said diverging portions, and a binding element secured to the outer end and side edges of the body and having transverse terminal portions extending across the body at the triangular extension and extending beyond the said folded portions.

1,571,620. DRILL HOLDER. FRED M. BETTES, Erie, Pa., assignor to Erie City Iron Works, Erie, Pa., a Corporation of Pennsylvania. Filed May 22, 1922. Serial No. 562,579. 2 Claims. (Cl. 77—59.)

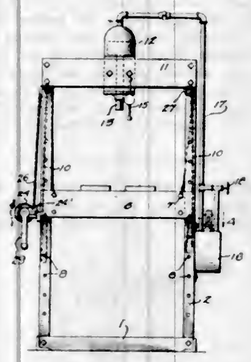


1. In a drill brace, the combination of a bar; a support extending at an angle to the bar; and spaced collars fixed on the bar adapted to engage the walls of a flue, one collar being pressed into engagement with a wall of the flue at one side of the axis of the flue and the other collar pressing the wall of the flue at the opposite side of the axis through the canting action of the support.

1,571,621. DUSTLIKE FUEL. FRIEDRICH WILHELM BRANDES, Solvesborg, Sweden. Filed July 3, 1924. Serial No. 723,940. 3 Claims. (Cl. 44—1.)

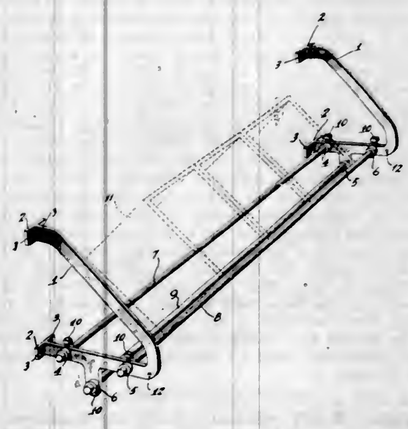
1. The method of preparing naturally unagglomerated coal for transportation and subsequent use in a pulverized fuel burner, which comprises comminuting said coal, temporarily forming the comminuted coal into briquettes for transportation, and subsequently comminuting the briquettes for use in the burner.

1,571,622. PRESS. PETER A. BRIGGS, Spokane, Wash. Filed July 30, 1923. Serial No. 654,728. 3 Claims. (Cl. 138—10.)



1. A hydraulic press comprising a pair of standards, a table slidably mounted between said standards, a cylinder arranged above said table, a plunger mounted in said cylinder, a plunger rod connected thereto and extending below said cylinder, a drum rotatably mounted on one of said standards, a cable coiled around said drum and having its ends extending upwardly, means for securing the ends of said cable to said table, and a spring mounted on said drum to normally prevent rotation thereof.

1,571,623. DISPLAY DEVICE. LOUIS CHARTOFF and JOSEPH SUMERSPITZ, Brooklyn, N. Y. Filed June 8, 1922. Serial No. 566,736. 1 Claim. (Cl. 211—17.)



A display device embodying a pair of brackets adapted to be secured to a fixed vertical support so as to extend in juxtaposed parallel relation and each of which

is provided with a plurality of holes through which bars are adapted to extend, three bars extending between the brackets and through said holes with two of the bars in substantially the same horizontal plane and the third bar between and below the other two bars so as to form a V-shaped trough having an angular cross section of greater than 90 degrees in which boxes are adapted to be received and supported with one face of each box engaging with two of the bars and another face of such box engaging with only one of the bars, and locking means associated with each hole to lock the bars against longitudinal shifting but permitting adjustment of the distance between the brackets when the locking means is released.

1,571,624. PURIFICATION OF GAS. JOHN WILLIAM COBB and HENRY JAMES HODSMAN, Leeds, England. Filed Jan. 5, 1925. Serial No. 658. 1 Claim. (Cl. 23—3.)

The improved process of purifying fuel gases which comprises subjecting the fuel gases to the action of contact materials, adapted to secure the partial oxidation of the hydrogen sulphide under conditions of temperature and humidity which will ensure that the free sulphur formed shall be carried forward from the contact material and that the latter maintains its activity and utilizing ammonia to enable the removal of sulphur dioxide present in the gas after partial oxidation of the hydrogen sulphide to be effected by condensation and washing operations, the ammonia content of the fuel gases being adjusted to ensure that under the conditions in which the treatment with the contact material and the further treatment of the gas is carried out, the acidic oxygen containing sulphur compounds may be effectively removed.

1,571,625. FLAKED SOAP AND PROCESS OF MAKING THE SAME. GEORGE F. DAWES, La Crosse, Wis. Filed Feb. 26, 1921. Serial No. 448,168. 7 Claims. (Cl. 87—16.)

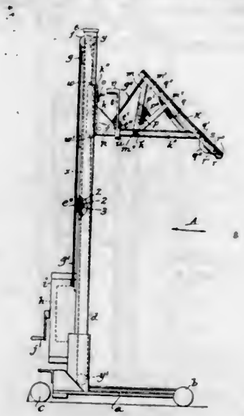
1. A step in the process of making granular soap which consists in submitting soap containing a great amount of water to a dry heat at a temperature of approximately 250° F. to 400° F., and at atmospheric pressure to thereby raise the water in the soap to steam and cause its expulsion suddenly from the soap and thereby render the soap porous.

1,571,626. PROCESS OF OBTAINING MILK SUGAR. HENRY V. DUNHAM, Mount Vernon, N. Y., assignor to The Rosemary Creamery Company, New York, N. Y., a Corporation of New York. Filed Jan. 30, 1923. Serial No. 615,951. 2 Claims. (Cl. 127—31.)

1. A process which comprises boiling whey at atmospheric pressure, by direct fire heat, while preventing excessive foaming by blowing currents of air against the surface of the boiling liquid, continuing the heating of the whey at atmospheric pressure until the whey has reached a concentration of at least 20° Bé., measured at 190° F., whereby the bulk of the albumen of the whey has been precipitated and has assumed a readily filterable condition, separating such precipitated albumen from the whey and thereafter further concentrating the whey by boiling the same at atmospheric pressure.

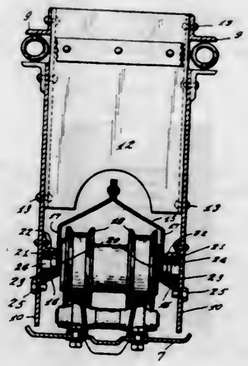
1,571,627. PORTABLE ELEVATOR. HENRY SHELDEN GERMOND, Jr., Bayonne, N. J. Filed May 23, 1924. Serial No. 715,330. 2 Claims. (Cl. 214—121.)

1. A structure of the class described, including a load-carrying platform comprising a carriage arranged to travel up and down, a cable-controlled load-receiving table mounted on the carriage free to be thrown from and to travel-position to and from load-receiving position and load-discharging position, a load-retaining device for holding the load on the table and mechanism for controlling the position of the load-retaining device;



and mechanism by which the carriage may be locked against up-and-down travel during said change of position of the table.

1,571,628. TRACTOR. ROBERT O. HENDRICKSON, Racine, Wis., assignor to Belle City Manufacturing Company, Racine, Wis., a Corporation. Filed July 25, 1925. Serial No. 46,054. 2 Claims. (Cl. 305—9.)

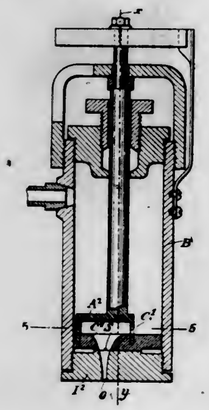


2. In a tractor, a demountable unitary track-guide, comprising a frame having an inclined deflector at its top, side walls extending therefrom, rollers mounted in said frame, retainers extending from said side walls, keepers in said tractor, yielding means mounted between said retainers and keepers in which said rollers are mounted, and removable means for permitting the insertion and withdrawal of said track-guide.

1,571,629. SPRAYER. ETIENNE HUGÉ, Judret, France. Filed July 13, 1923. Serial No. 651,439. 22 Claims. (Cl. 299—114.)

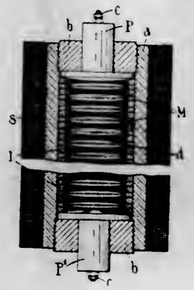
1. A liquid sprayer comprising a hollow body, a chambered outlet for said body having an axially curved surface, and means in said body for directing liquid into said outlet tangentially to the curvature of said surface in the direction of the axis.

6. A liquid sprayer comprising a hollow body having an axially curved outlet, means at the entrance end of said outlet for directing liquid from the hollow body into the outlet tangentially to the interior surface thereof, and means controlling the flow of liquid from the hollow body through said outlet.



22. In a liquid sprayer, relatively rotatable hollow parts having openings formed to provide a hyperbolically curved outlet when the openings in said parts are registered, the wall of one part having a passage therein tangential to the hyperbolically curved wall of said outlet.

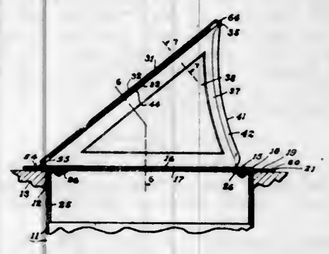
1,571,630. HIGH-TENSION CIRCUIT BREAKER. NICOLAS JAPOLSKY, London, England. Filed Apr. 20, 1925. Serial No. 24,532. 3 Claims. (Cl. 200—87.)



1. A high tension electric circuit breaker comprising in combination a number of capsules each of which consists of a ring of magnetic material and metal plates of electric conducting and magnetic material separated by said ring, distance pieces of dielectric material, terminals connected to the outers of the conducting surfaces, and electromagnetic means that enables deformation between plates of adjacent capsules whereby contact is established to close an electric circuit.

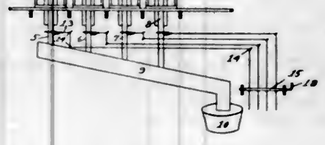
1,571,631. COMBINED DEFLECTOR AND COVER FOR HEATED-AIR REGISTERS. CARL W. KRUEGER, Norwood, Ohio. Filed Jan. 17, 1924. Serial No. 686,911. 3 Claims. (Cl. 98—50.)

3. In combination with a register-plate provided with marginal shoulders, a combined deflector and cover comprising a body having downwardly turned marginal flanges, and end-walls pivoted to said body within said flanges, said body and said end-walls provided with strengthening beads, said end-walls arranged to be folded inwardly within said flanges and to be supported by the



upper face of said register-plate and said body supported by said end-walls, with the lower ends of said flanges received about said marginal shoulders of said register-plate when said combined deflector and cover is in collapsed relation.

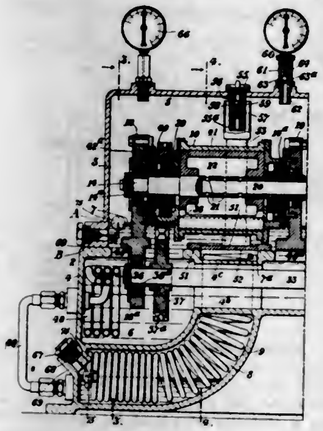
1,571,632. SAMPLING DEVICE FOR BEANS AND THE LIKE. JOHN H. MCFARLAND, Merrill, Mich. Filed Nov. 3, 1922. Serial No. 598,818. 4 Claims. (Cl. 73—21.)



1. In combination, a plurality of bean sorting machines, each having a sampling device and a sample delivery spout with a self-closing gate therein, a collecting spout communicating with all of said delivery spouts and extending to an inspector's station, operating cords secured to each gate respectively and extending to said inspector's station and a cord-actuating device at each station adapted to simultaneously actuate all of said cords without interfering with the otherwise independent operation of each cord.

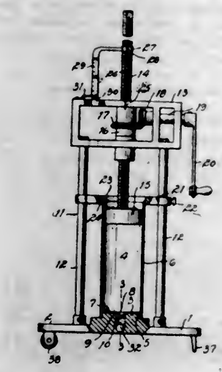
1,571,633. REFRIGERATING SYSTEM OR APPARATUS. WILLIAM ALEXANDER MCNUTT, Stamford, England, assignor to The Kitson Engineering Company (London) Limited, Westminster, London, England. Filed Dec. 12, 1923. Serial No. 680,236. 4 Claims. (Cl. 62—115.)

1. A refrigerating apparatus employing a condensible fluid as a refrigerant, comprising a casing made up of two parts, the lower part being divided to present an upper reservoir for a sealing liquid, and a lower chamber sealed against the reservoir and adapted to contain a condenser, the sealing liquid in the reservoir being adapted to seal the juncture between the two parts of the casing, a compressor arranged in the upper part of the casing, an operating shaft for the compressor working



in said reservoir, and means to convey the refrigerant in a gaseous state from the compressor to the condenser without permitting it to mix with the sealing liquid.

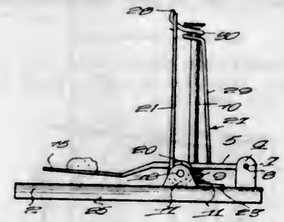
1,571,634. GREASE PUMP. AURELIOUS M. MCSPADDEN, St. Louis, Mo. Filed Jan. 11, 1922. Serial No. 528,515. 2 Claims. (Cl. 221—47.1.)



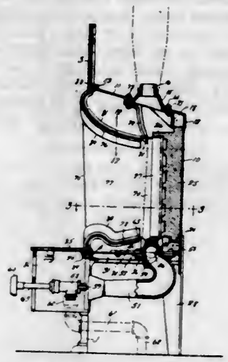
1. In a grease pump, the combination of a base-plate, a cylinder supported thereon, a hose connected with the lower end of the cylinder, a frame, a plunger guided in the frame, means for forcing the plunger down into the cylinder, including a crank mounted to swing in a substantially vertical plane, and rollers carried by the base-plate for supporting the same on the floor, and mounted to rotate in a plane transverse to the plane of rotation of the crank.

1,571,635. TRAP. JOE NAIDUL, West Allis, Wis. Filed Jan. 27, 1925. Serial No. 5,114. 3 Claims. (Cl. 43—81.)

1. In combination in a trap, a base member provided with a cylindrical post mounted at right angles to the base member, a spring jaw carried by the base member, the base member serving as a second jaw, a wire bent around the post and provided with a tripping finger adapted to engage the spring jaw, a bait receiving member pivotally mounted to the base plate and provided with a socket, the other end of said wire adapted to engage the socket.

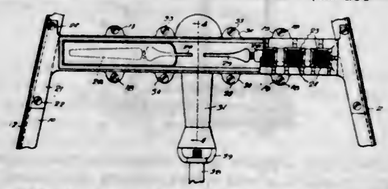


1,571,636. HEATER. FRANK A. NIEBERDING, Cleveland, Ohio; Margaret H. Nieberding administratrix of said Frank A. Nieberding, deceased. Filed Aug. 8, 1921. Serial No. 490,574. 16 Claims. (Cl. 126—127.)



1. In a heater of the character set forth, the combination of an open front casing, a burner within the casing, a back wall insertable through the open front and engaging parts of the casing to sustain the back wall against rearward dislodgment, a reflector also insertable through said open front and cooperating with the back wall to prevent forward displacement of the latter the reflector having a part cooperating with a part of the casing to assist in holding the reflector in place, and a fender detachably connected to the front of the casing and serving when in place to secure the reflector within the casing.

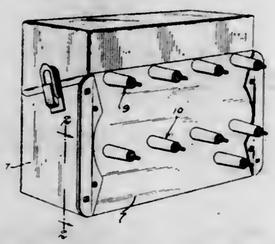
1,571,637. GAS BURNER. FRANK A. NIEBERDING, Cleveland, Ohio; Margaret H. Nieberding administratrix of said Frank A. Nieberding, deceased. Filed Jan. 30, 1922. Serial No. 532,551. 10 Claims. (Cl. 158—104.)



1. A burner of the class set forth comprising elongated top and bottom shells, means for drawing said shells together with a leak-proof joint, a mixing tube carried by

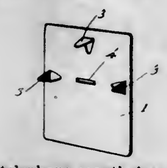
the lower shell, the top shell having a series of jet openings, and means within the burner and retained in place by cooperation with the top and bottom shells for uniformly distributing the gas from the mixing tube to all jet openings.

1,571,638. SPARK-COIL TERMINAL. OLE N. OLSON, Chicago, Ill. Filed Jan. 12, 1925. Serial No. 1,842. 7 Claims. (Cl. 175—361.)



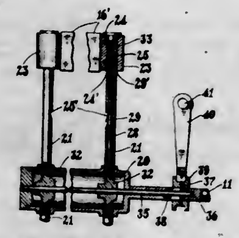
1. The combination with a spark coil and a box having in the inner face of one of its sides channels and terminal bolt holes extending through the bottom of said channels, said holes being located transversely off center in one direction in certain of said channels and in an opposite direction in the other channels, and reversible duplicate insulating plates adapted to be laid in said channels, each of said plates having a terminal bolt hole that is off center, and arranged to be brought into alignment with the holes in the bottoms of the channels.

1,571,639. TELEPHONE COVER. JOHN H. WILLIAM PFLUEGER, Covington, Ky. Filed Apr. 12, 1923. Serial No. 631,733. 1 Claim. (Cl. 179—185.)



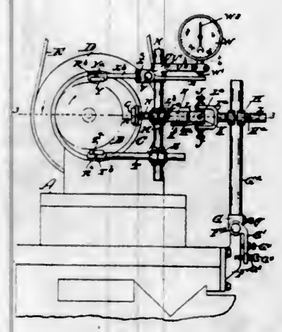
A cover for a telephone mouthpiece comprising a plate, the face of said plate being provided with a series of substantially V-shaped slits to form three radial fingers, two of which are diametrically opposite each other and the third spaced between said two so that when the said fingers are bent out of the plane of said plate they are adapted to engage at the top and sides of said mouthpiece to secure the plate thereon.

1,571,640. BOAT-PROPELLING MEANS. JOHN PLONKA, Chicago, Ill. Filed Feb. 10, 1925. Serial No. 8,122. 5 Claims. (Cl. 170—144.)



1. In a ship, a paddle wheel comprising spokes, sleeves slidably mounted on said spokes, paddles attached to said sleeves, pawls on said sleeves for retaining the same in radially adjusted positions on said spokes, and devices for releasing said pawls.

1,571,641. GAUGE FOR DETERMINING INTERNAL DIAMETER OF ELEMENTS BEING GROUND. FREDERICK JACKSON PRATT, Detroit, Mich. Filed Jan. 17, 1924. Serial No. 686,938. 4 Claims. (Cl. 33—148.)



1. In a device of the character described, a frame comprising a plurality of adjustable elements connected together to form a unitary structure including a plurality of independently adjustable arms secured to the frame at one end, means connecting the arms to the frame for oscillation into and out of an element to be internally ground, a gem stone mounted adjacent the other end of the respective adjustable arms and adapted to impinge upon the internal periphery of the element being ground, resilient means adapted to act upon the frame, whereby the gem stones may be held in impinging contact with the surface of said element while being ground, an indicating device and means for actuating the indicating device, whereby a gauge reading may be obtained to determine changes made in the diameter of the bore of the element being ground while being acted upon by a grinding wheel.

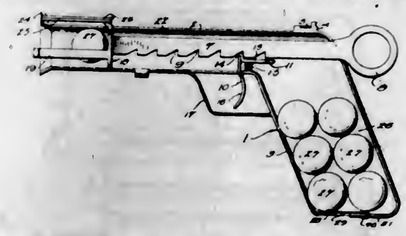
1,571,642. METHOD OF FORMING MOLDS. JOHN A. RATHBONE, Detroit, Mich., assignor to Rathbone Machine Company, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 28, 1924. Serial No. 709,639. 2 Claims. (Cl. 22—197.)



2. The method of forming molds in molding machines, comprising the ramming of the sand within a resiliently yieldable mold flask against a pattern warped to compensate for the springing of the flask, whereby the contraction of the flask upon removal from said pattern will restore the unwarped form.

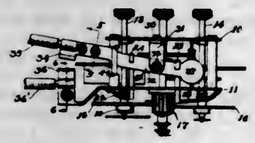
1,571,643. TOY. TOMMIE M. RENICK, Morgantown, W. Va. Filed Feb. 5, 1925. Serial No. 7,095. 4 Claims. (Cl. 124—13.)

1. In a toy pistol, a barrel, a plunger mounted in said barrel, said plunger being provided with a plurality of notches on its lower face, a trigger adapted to engage one of said notches to retain the plunger in retracted position, a cage mounted on the end of said plunger and adapted to retain a marble, said cage comprising a disk having a pair of arms extending forwardly therefrom, the top of said barrel being provided



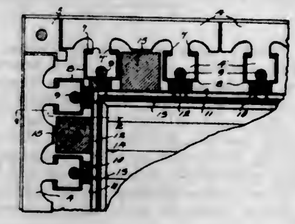
with a slot, a hooked arm carried by said cage and extending through said slot, and an elastic member secured to said arm and to said barrel to place said plunger under tension when it is retracted.

1,571,644. TIME-CLOCK ELECTRICAL SWITCH. HUGH E. ROBERTSON, Oakland, Calif., assignor of one-half to Stanford B. Nickels, Oakland, Calif. Filed Jan. 26, 1925. Serial No. 4,722. 2 Claims. (Cl. 200—38.)



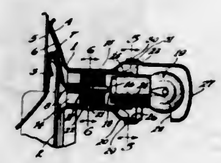
1. In a time switch, the combination of a housing comprising a pair of spaced housing plates, a switch lever pivoted intermediate its length to one of said housing plates and a socket member secured to the other of said housing plates, clock mechanism within said housing, a hooked arm member actuated by said clock mechanism and adapted to engage said lever for closing said switch and a second hooked arm member actuated by said clock mechanism and adapted to engage said lever for opening said switch.

1,571,645. BUILDING CONSTRUCTION. IVAN ROČIĆ, New York, N. Y. Filed Apr. 2, 1920. Serial No. 370,841. 8 Claims. (Cl. 72—16.)



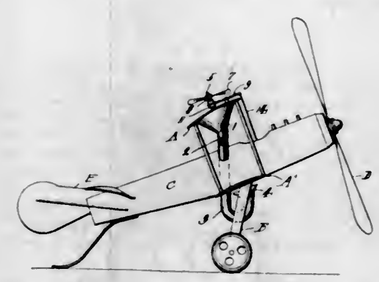
1. A building construction comprising a plurality of superposed blocks, projections upon one face of each block, said projections falling into vertical alignment when the blocks are properly assembled defining a plurality of vertical columnar arrangements, said projections having vertical passages therethrough, rods passed through said passages to hold the vertical series of blocks against dislodgement, furring strips applied to said projections, penetrative elements passing through said furring strips and into the rods, and a plaster foundation applied to said furring strips.

1,571,646. DASH LAMP. CHARLES D. RYDER, Covington, Ky., assignor to The Cincinnati Victor Company, Cincinnati, Ohio, a Corporation of Ohio. Filed June 12, 1924. Serial No. 719,687. 4 Claims. (Cl. 240—8.16.)



2. In a device of the class described, a base, two hook-shaped clips extending from said base, a yieldable finger extending outwardly from said base, a tubular member secured in said base, a circumferential slot in said tubular member, a socket member rotatively mounted on said base and tubular member, a pin extending through said socket member into said circumferential slot, terminals provided with yieldable electric contacts inside of said tubular member, an incandescent electric light bulb mounted in said socket member having terminals adapted to engage said contacts in the tubular member and complete an electric circuit when rotated into alignment with the same, a flat insulated electric connection secured to one of said terminals, said other terminal being electrically connected to the base.

1,571,647. COMBINED HELICOPTER AND AEROPLANE. ANTONIO V. SANTARSIERO, New York, N. Y. Filed Dec 5, 1923. Serial No. 678,759. 10 Claims. (Cl. 244—15.)

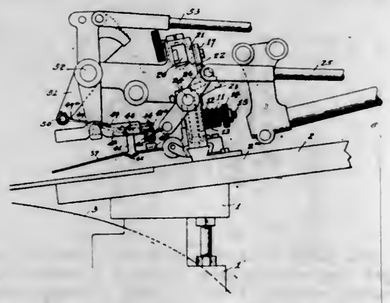


1. In an aeroplane of the class described, a fuselage, a wing on the fuselage, a helicopter mechanism associated with the aeroplane including a propeller mounted on the wing, and means for downwardly conveying the current of air set up by said propeller and delivering it upwardly against the bottom of the fuselage.

1,571,648. PROCESS FOR OBTAINING HYDROCHLORIC ACID FREE FROM ARSENIC. ERWIN SCHMIDT, Mannheim-Waldhof, Germany, assignor to the Firm Gesellschaft für Chemische Produktion m. b. H., Mannheim-Waldhof, Germany, a Corporation of Germany. Filed May 2, 1924. Serial No. 710,619. 1 Claim. (Cl. 23—154.)

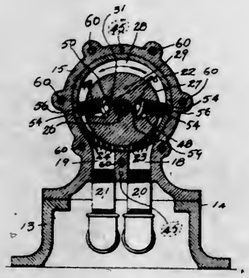
A process for making hydrochloric acid free from arsenic acid by bringing arsenic-containing hydrochloric acid into contact with activated charcoal.

1,571,649. SHEET DETECTOR FOR PRINTING PRESSES AND LIKE MACHINES. HERMAN J. SCHULTZ, Chicago, Ill. Filed Feb. 14, 1920. Serial No. 358,630. 3 Claims. (Cl. 192—126.)



1. In a sheet detector for printing presses and like machines having means for feeding sheets into the press and means for laterally guiding said sheets, the combination of a means operating in conjunction with the lateral guide means comprising a vertical contacting pin and rocker arm adapted to extend over the margin of the sheets, means whereby the arm is caused to vibrate and the pin to continuously contact the sheets as the latter advance on the press, whereby a failure of contact between the pin and the sheet will cause a stoppage of the press or machine.

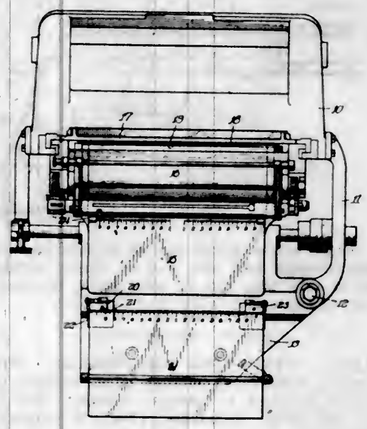
1,571,650. ROTARY PUMP. ARTHUR E. SIMPSON, West Frankfort, Ill., assignor to H. L. Webb, J. M. Harris, B. H. Webb, T. M. Silkwood, R. P. Blake, and C. E. Pitchford, all of West Frankfort, Ill. Filed Nov. 21, 1923. Serial No. 676,022. 6 Claims. (Cl. 103—140.)



1. In a rotary pump, a casing, a fixed sleeve located in said casing, heads secured to said casing, cylindrical projections formed integral with said heads and concentric to said sleeve, pistons rotatably mounted on said projections, a shaft extending through said projections and heads and eccentric thereto, a rotor concentrically mounted on said shaft in said casing and adapted to engage with and rotate said pistons, and means for placing the rotor in operation.

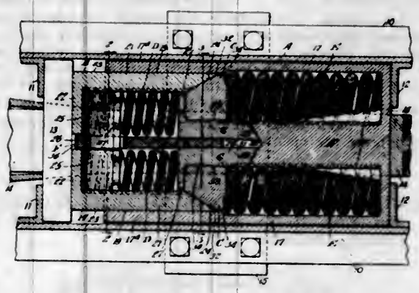
1,571,651. WORK-SETTING MEANS. BURT D. STEVENS, Evanston, Ill., assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 22, 1922. Serial No. 555,948. 5 Claims. (Cl. 271—61.)

1. In printing press work setting means, the combination of a transfer table having a scale thereon, and a feed pile table having a scale thereon having a definite offset relation with respect to said other scale whereby a sheet of material lined up marginally with the type



while extending over the scale on the transfer table indicates the position at which the sheet material should be positioned on the pile table.

1,571,652. FRICTION SHOCK-ABSORBING MECHANISM. SVEN J. STRID, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed July 19, 1922. Serial No. 575,981. 12 Claims. (Cl. 213—22.)

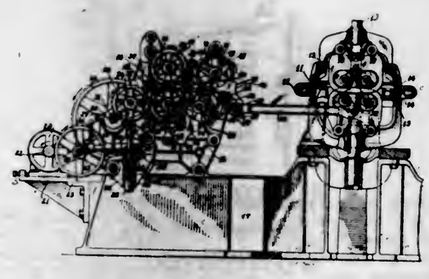


1. In a friction shock absorbing mechanism, the combination with a friction shell; of tandem arranged spring resistances; and a plurality of friction elements, some of which cooperate directly with the shell and others of which with each other, one said last named elements having coacting friction surfaces disposed longitudinally of the mechanism, and said first named elements having wedge engagement with certain of said last named elements of the tandem arranged spring resistances being disposed within certain of said friction elements.

1,571,653. MACHINE-OPERATING MECHANISM. KNUT O. B. TEXTORIUS, New York, N. Y., assignor to Tex Engineering Corporation, New York, N. Y. Filed Sept. 27, 1921. Serial No. 503,677. 6 Claims. (Cl. 74—41.)

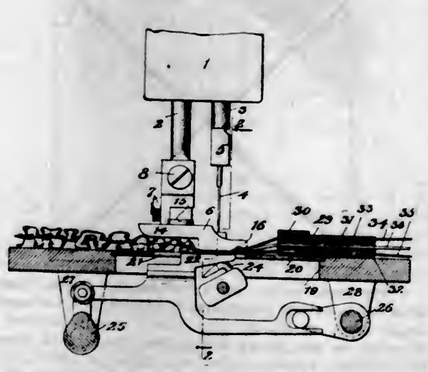
1. Mechanism for sequentially operating a plurality of machine parts in timed relation to each other including a plurality of motion transmitting shafts, other shafts constantly geared to each other, a common drive means for said shafts, means on each of the latter

shafts, a common means on one of the first named shafts with which said means on the latter shafts coacts at different times to rotate the latter in opposite directions, a third series of shafts constantly geared to each



other, and means actuated by the means on one of said second named shafts through the medium of said third series of shafts for rotating each of the remainder of said motion transmitting shafts in timed relation to said first named shaft.

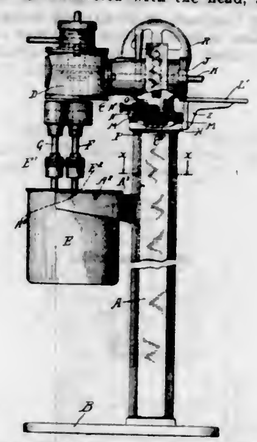
1,571,654. MACHINE FOR MAKING SHIRRED RIBBONS. HENRY F. TIEDEMANN, New York, N. Y., assignor to Theo. Tiedemann & Sons, Inc., New York, N. Y., a Corporation of New York. Filed Oct. 10, 1925. Serial No. 61,664. 4 Claims. (Cl. 112—132.)



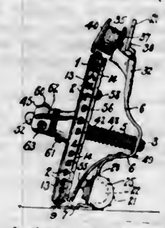
1. A machine of the class described having a guide provided with a plurality of separate guide-ways for supplying a pair of ribbons and a narrower tape between the ribbons, a presser foot under which said ribbons and tape are moved, gripping means operative under said foot for engaging with parts of the ribbon and gathering the same independently of the tape, and a groove in the underface of the foot in which the tape is located during the gathering operation.

1,571,655. SUPPORTING AND ACTUATING MECHANISM FOR MIXING AND BEATING MACHINES. HENRY TRUST, Park Ridge, N. J., and FRANK M. ASHLEY, Brooklyn, N. Y.; said Ashley assignor to Josephine Trust, Park Ridge, N. J.; Josephine Trust administratrix of said Henry Trust, deceased. Filed Dec. 16, 1919. Serial No. 345,345. 8 Claims. (Cl. 259—1.)

1. In a device of the class described, a column having a smooth cylindrical face adjacent its upper end, a head swivelly mounted on the upper end of the column, a shelf removably associated with the head, a bracket carried by the shelf, and riding on the cylindrical face whereby the shelf is supported.

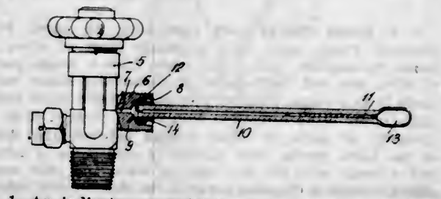


1,571,656. STAMPING DEVICE. HENRY EMERSON WETHERILL, Phoenixville, Pa. Filed Aug. 30, 1924. Serial No. 735,109. 6 Claims. (Cl. 197—47.)



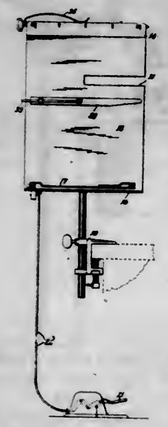
1. A stamping device comprising a frame, a disk rotatably mounted upon the frame, type upon the periphery of the disk adapted to be brought into operative position by rotating the disk, an annular flange upon the disk having notches formed therein, a spring plate upon said frame adapted to enter said notches and center of the type in relation to the operative position of the disk, and said spring plate having two lips extending longitudinally in relatiton to the length of said plate adapted to retain a lubricant upon the portion of said plate which comes in contact with said flange.

1,571,657. INDICATOR. WALTER WILKINSON, Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Feb. 14, 1925. Serial No. 9,150. 3 Claims. (Cl. 73—51.)



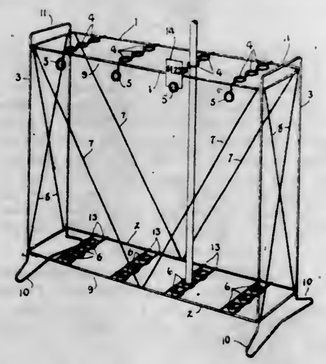
1. An indicator comprising a tube having a capillary passage open at one end and containing a liquid index and a cap at the open end of the tube adapted to form a substantially gas-tight joint with a surface surrounding a gas outlet.

1,571,658. COPYHOLDER. HOWARD B. COLES, Brooklyn, N. Y., assignor to Coles Copyholder Company, a Partnership composed of Howard B. Coles and Ernest H. Stolz, both of New York, N. Y. Filed June 1, 1925. Serial No. 33,905. 7 Claims. (Cl. 120—34.)



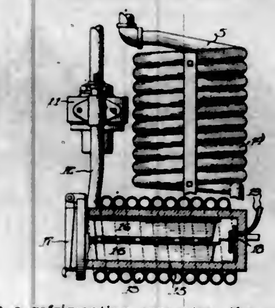
1. In a copy holder: a supporting plate or back for the copy, a clamping bar at the top for securing copy thereto, means movable over the back of said plate, a rule member carried thereby and operable downwardly over the front of the plate, and means controlled by said rule member to allow for returning said movable means to its uppermost position by correspondingly moving the rule member.

1,571,659. DISPLAY RACK. LEE S. CONKLIN, Grand Rapids, Mich. Filed Mar. 10, 1924. Serial No. 697,991. 2 Claims. (Cl. 211—14.)



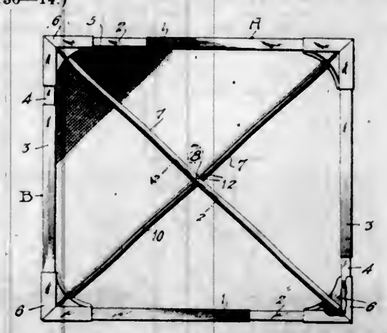
1. A broom display rack comprising an upper rectangular frame made from a single piece of wire, a lower rectangular frame also made from a single piece of wire, two end frames also of rectangular shape each made from a single piece of wire and suitable brace rods, said frames being connected together to form a rack, a plurality of pairs of wires located between the sides of the lower frame, cups carried by said pairs of wires and a single wire for each pair of wires and cups associated therewith disposed between the sides of said upper frame, each of said single wires being formed into a plurality of coils, one for each cup, said pairs of wires being secured to the sides of said lower frame and said single wires being secured to the sides of the upper frame.

1,571,660. REFRIGERATING APPARATUS. FRENCH E. DENNISON, Beloit, Wis., assignor to Lipman Refrigerator Car & Manufacturing Company, Beloit, Wis., a Corporation of Delaware. Filed Sept. 10, 1923. Serial No. 661,742. 3 Claims. (Cl. 62—95.)



1. In a refrigerating apparatus, the combination of a thick walled metal chamber, a refrigerating coil embracing the exterior of said chamber, and a thermostatic control for said apparatus located within said chamber.

1,571,661. ROD OR TUBE COUPLING. ADELARD J. DESCOTEAU, Newark, N. J., assignor to The Foster Screen Co. Inc., a Corporation of New Jersey. Filed Feb. 14, 1924. Serial No. 692,662. 6 Claims. (Cl. 156—14.)

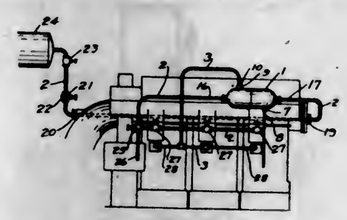


4. The combination of a rectangular frame having sides and ends each longitudinally adjustable, a rectangular single sheet of woven wire fabric loosely secured at its edges to said frame and having the strands thereof disconnected relatively to each other at their intersections and at their ends and running diagonally to permit said sheet to be stretched longitudinally and transversely, whereby said sheet may be adjusted in length and width simultaneously with said frame, two crossed brace members each having its ends fulcrumed in diagonally opposite corners of said frame, and a coupling element connected to both of said members to pivotally connect said members, said coupling element being free to move longitudinally of both said brace members, whereby said brace members may automatically adjust themselves to said frame and to each other to prevent binding of the frame during adjustment.

1,571,662. CASEIN WATERPROOF GLUE. ANDREW A. DUNHAM, Bainbridge, N. Y., assignor to The Casein Manufacturing Company, New York, N. Y., a Corporation of Vermont. Filed Apr. 28, 1924. Serial No. 709,688. 1 Claim. (Cl. 87—17.)

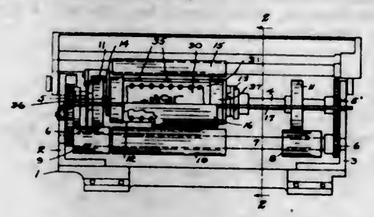
As a composition of matter, a casein water-proof glue having incorporated therewith from 5% to 20% by weight of wood-flour substantially as and for the purpose described.

1,571,663. OIL ENGINE HEATER. CARL FOSS and SIMON O. FOSS, Seattle, Wash. Filed Sept. 4, 1923. Serial No. 660,717. 4 Claims. (Cl. 123—25.)



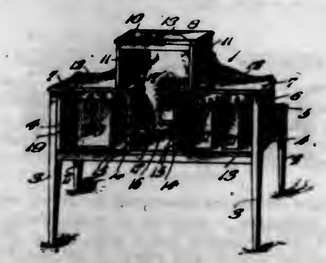
1. A fuel oil heater for internal combustion engines having an intake manifold, an exhaust manifold, and a carburetor, a tank having pipe coils in it, means for supplying crude oil to the tank, other means for conveying the oil from the tank to the intake manifold, and suitable means for generating steam by passing a small amount of water through the exhaust manifold and conveying it through the pipe coil to raise the temperature of the oil in the tank.

1,571,664. ATTACHMENT FOR REPRODUCING FACSIMILE SIGNATURES. CHARLES E. GILBERT, Fort Wayne, Ind. Filed Jan. 31, 1924. Serial No. 689,599. 6 Claims. (Cl. 101—375.)



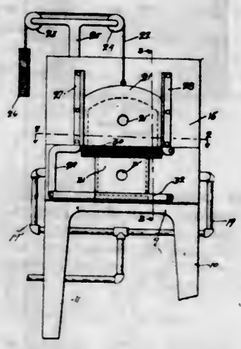
1. In a printing mechanism a revolubly mounted member, a fac-simile signature carrier, means on the member for clamping the carrier thereto, a second revolubly mounted member parallel to the said first named member and adjustable means having connection with one of said members for causing relative body movement of said members.

1,571,665. RADIOCABINET. ALFRED H. HAAG, Baltimore, Md., assignor of fifteen one-hundredths to E. HAYWARD FAIRBANKS, Merchantville, N. J. Filed Feb. 27, 1925. Serial No. 11,998. 2 Claims. (Cl. 45—52.)



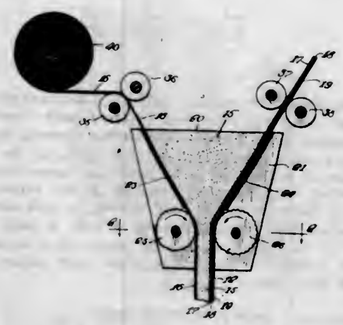
1. A radio cabinet, comprising a main body portion having an upstanding cabinet section surmounted thereon, a fixed horizontal table section extending forwardly from the base of said body portion, the said body portion, cabinet section and table section being open at the rear and closed at the top, front, end, and bottom portions thereof to form a single open compartment in the rear of said cabinet, a shelf for said body portion, means for vertically adjusting said shelf to accommodate horns of different heights, and a grill in the front of said cabinet section.

1,571,666. HEAT-TREATING FURNACE. HENRY HALVORSEN, Detroit, Mich. Filed June 30, 1924. Serial No. 723,264. 6 Claims. (Cl. 263—9.)



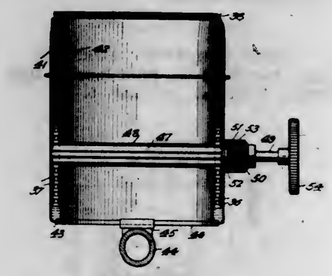
1. A heat-treating furnace, comprising a housing; a horizontally extending partition mounted in said housing for dividing the same into a pair of chambers, said partition projecting exteriorly of and beyond the forward wall of said housing and the lower of said chambers being smaller than the upper of said chambers; and means for heating said chambers, said heating means being adapted to direct the heat inward into the lower of said chambers, said chambers communicating through flues.

1,571,667. BUILDING BOARD AND METHOD OF MAKING IT. OTTO A. HEPPES, Chicago, Ill., assignor to The Richardson Company, Lockland, Ohio, a Corporation of Ohio. Filed Apr. 17, 1920. Serial No. 374,677. 1 Claim. (Cl. 154—45.9.)



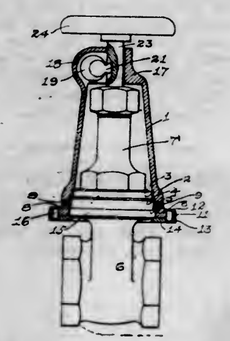
As a new article of manufacture, a rigid building board comprising outer layers of asphalt saturated fibrous material and asphalt saturated felt surfaced with flaked slate-like material embedded in asphalt, and an intermediate layer of comminuted fibrous material imbedded in asphalt.

1,571,668. WICK HOLDER. WILLIAM C. HOMAN, Meriden, Conn., assignor to Lewis T. Wilcox, Peekskill, N. Y. Filed May 28, 1925. Serial No. 33,335. 6 Claims. (Cl. 67—69.)



1. A wick holder comprising a body member having oppositely disposed longitudinal slots therein, and means associated with the corresponding edges defining said slots for simultaneous engagement with an actuating device for imparting a uniform movement to all parts of said body member.

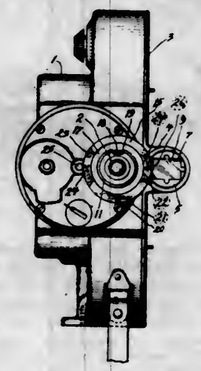
1,571,669. VALVE LOCK. ROBERT W. HOMPE, Cleveland Heights, Ohio. Filed Sept. 6, 1924. Serial No. 736,236. 1 Claim. (Cl. 70—124.)



An attachment comprising a valve lock unit adapted to be applied about the stem and adjacent body structure of a standard valve beneath the handle thereof, having in combination a casing, a base plate forming the bottom closure of said casing and adapted to engage beneath the shoulder of the valve coupling, a set screw for preventing the rotation of said casing, a lock carried at the upper part of said casing, a bolt in said lock adapted to be projected toward said valve stem to engage a notch in said valve stem, and means for operating said lock.

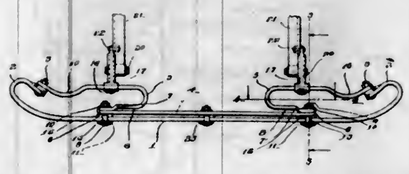
1,571,670. PHOTOGRAPHIC CAMERA. ALBERT S. HOWELL, Chicago, Ill., assignor to The Bell & Howell Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 17, 1924. Serial No. 707,203. 10 Claims. (Cl. 95—64.)

1. In a photographic camera the combination with an adjustable photographic lens of a view finder coordinated with the lens, and means indicating adjustment of the photographic lens and adapted to be observed through



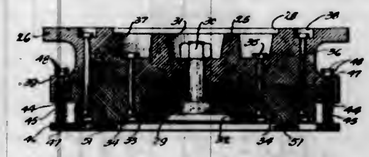
the view finder to determine the adjustment of the lens as and for the purpose described.

1,571,671. BUMPER FOR MOTOR VEHICLES. CHARLES J. IVEN, Rochester, N. Y., assignor to J. H. Sager Company, Rochester, N. Y., a Corporation of New York. Filed Dec. 27, 1924. Serial No. 758,322. 8 Claims. (Cl. 293—55.)



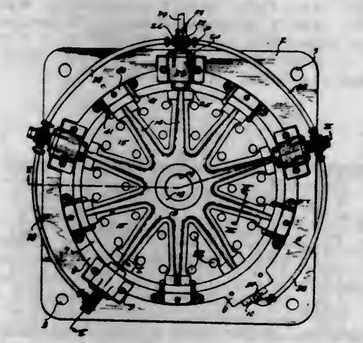
1. A bumper comprising an impact member, supporting means for the impact member embodying a central portion and spring portions, at opposite ends of the central portion, each having two arms lying in a horizontal plane behind the central portion, one of said arms being connected to the central portion by a bend, and attaching means secured to the other arm of each spring portion.

1,571,672. PUNCH AND DIE CONSTRUCTION. AMES R. JAYNE, Chicago, Ill., assignor to American Steel Wheel Corporation, Chicago, Ill., a Corporation of Illinois. Filed Nov. 12, 1924. Serial No. 749,480. 12 Claims. (Cl. 164—25.)



1. A rapid production punch and die device comprising a punch mechaniam, a plurality of punch blocks secured thereto, a die mechanism and a plurality of die blocks rigidly secured thereto, said punch blocks and die blocks having the side walls thereof at perfect right angles with respect to their end walls without any relieving clearance between the punch blocks and the die blocks to cause a crowding effect of stampings to take place in the die mechanism between the die blocks.

1,571,673. AUTOMOBILE WHEEL-FORMING PUNCH AND DIE. AMES R. JAYNE, Chicago, Ill., assignor to American Steel Wheel Corporation, Chicago, Ill., a Corporation of Illinois. Filed Feb. 27, 1925. Serial No. 11,914. 17 Claims. (Cl. 113—49.)



1. A rapid production vehicle wheel forming device comprising a die mechanism and a punch mechanism for coaction therewith, pneumatic means associated with said die mechanism for automatically centering a vehicle wheel blank both circumferentially and radially on said die mechanism, means on said punch mechanism for simultaneously punching a center hole in the wheel blank and forming the spokes of said wheel blank to provide a finished wheel half, and a plurality of spring controlled strippers on the punch mechanism to strip the wheel half therefrom.

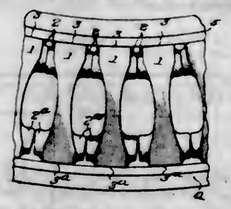
1,571,674. MECHANICAL TOY. HAROLD T. KINGSLEY, Detroit, Mich. Filed Mar. 16, 1922. Serial No. 544,289. 9 Claims. (Cl. 46—40.)



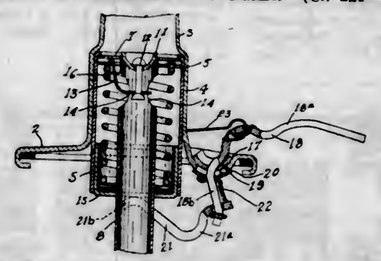
5. In combination, a toy person, a toy musical instrument with a slide member held thereby, and a mechanical means encased in said person adapted to move said slide member of the musical instrument in one direction and a spring member bearing upon the aforesaid slide adapted to move it in the opposite direction.

1,571,675. GRATE BAR FOR PULVERIZING MACHINES. HERVEY S. KNIGHT, Evanston, Ill., assignor to American Manganese Steel Company, Chicago, Ill., a Corporation of Maine. Filed Feb. 21, 1925. Serial No. 10,731. 3 Claims. (Cl. 83—11.)

1. A grate bar, constructed with two load-bearing marginal portions extending longitudinally of the bar, and spacing lugs associated with each marginal portion so that the bars may be supported in either of two positions; the lugs at opposite marginal portions being of different length.

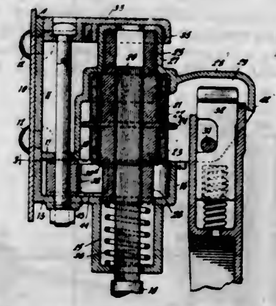


1,571,676. COMBINED PUMP AND FORCE-FEED OIL CAN. GUSTAVE LIDSEEN, Chicago, Ill. Filed Feb. 14, 1924. Serial No. 692,636. 6 Claims. (Cl. 221—47.)



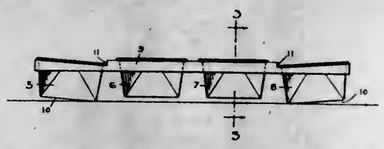
1. In an oil can embodying a lubricant container, a closure therefor having a nozzle terminating in a lower cylindrical portion, a partition in the upper end of said cylindrical portion, an oil feed pipe connected to said partition and extending into said container, valves in the upper and lower ends of said pipe, said pipe having means therein for communicating with said cylindrical portion below said partition, a spring controlled piston slidably mounted around said feed pipe and adapted for entering the cylindrical portion of said nozzle and means for controlling and operating said piston.

1,571,677. HAND BRAKE. THEODORE H. LINK, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Mar. 14, 1924. Serial No. 699,181. 11 Claims. (Cl. 74—116.)



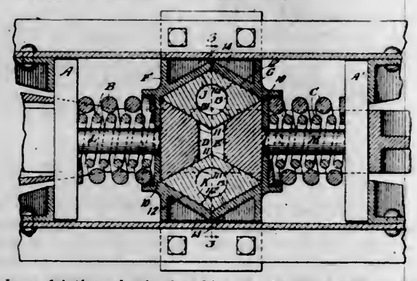
1. In a hand brake for railway cars, the combination with a brake staff; of a ratchet member movably connected thereto and normally held in inoperative position to permit free unwinding of said staff; a holding pawl adjacent said member to coact therewith when the latter is in operative position; and an operating lever coacting with said ratchet member and arranged to move it into operative position.

1,571,678. BAKING UTENSIL. VERNON J. MORRIS, Seattle, Wash. Filed July 2, 1925. Serial No. 41,047. 8 Claims. (Cl. 53—6.)



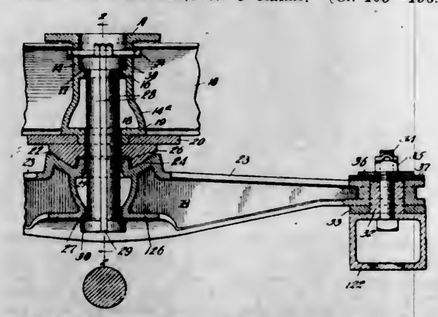
1. A baking utensil comprising a plurality of pans arranged in a row and means for holding them together, the pan at each end of the row being inclined upwardly and outwardly relative to the portion of the utensil between said end pans so that its bottom is inclined in the same direction.

1,571,679. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Dec. 10, 1921. Serial No. 521,300. 1 Claim. (Cl. 213—26.)



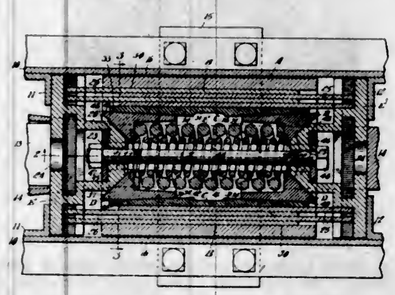
In a friction shock absorbing mechanism, the combination with end followers; of oppositely disposed wedges normally separated longitudinally of the mechanism; columns between each end follower and respective adjacent wedge; wedge friction shoes, each cooperable with both of said wedges; friction shells coacting with said friction shoes, said shells providing a substantially complete enclosure for all of the friction shoes and wedges when the mechanism is in full release and arranged to hold them in operative position, said shells separating during a compression stroke; and cushioning means disposed between the respective end followers and friction shells.

1,571,680. CAR CONSTRUCTION. JOHN F. O'CONNOR Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Jan. 30, 1922. Serial No. 532,617. 5 Claims. (Cl. 105—196.)



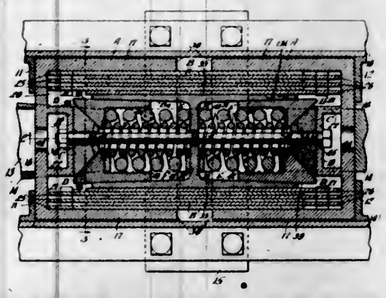
1. In a car construction, the combination with a body bolster; of a six-wheel truck bolster; an arch member having its ends adapted to be supported on said truck bolster; and shims adapted to be interposed between the ends of said arch member and said truck bolsters for adjusting the height of said arch member relative to said truck bolsters.

1,571,681. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Aug. 31, 1922. Serial No. 585,449. 15 Claims. (Cl. 213—33.)



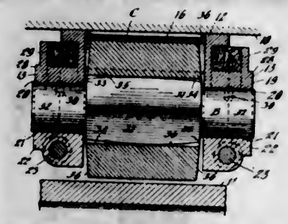
1. In a friction shock absorbing mechanism; the combination with a friction shell; of a plurality of sets of intercalated relatively longitudinally movable friction plates within said shell; front and rear followers movable with reference to the shell and relatively movable with reference to each other co-acting with said plates; a spring resistance disposed between said sets of plates; and means between the opposite ends of said spring resistance and the followers for creating pressure on said sets of intercalated plates during the compressive action of the mechanism, whereby friction resistance is created between said relatively movable intercalated plates.

1,571,682. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Sept. 16, 1922. Serial No. 588,572. 9 Claims. (Cl. 213—33.)



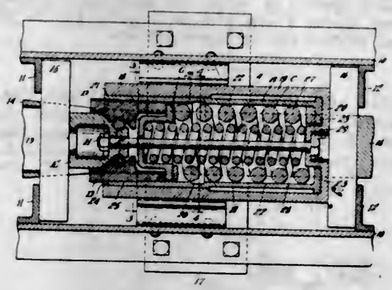
1. In a friction shock absorbing mechanism; the combination with a plurality of groups of intercalated friction plates; front and rear followers for relatively moving said plates; a spring resistance between said groups of plates; a tapered friction element interposed between each group of plates and the spring resistance and adapted to be moved by said spring resistance; and means for placing said plates under lateral pressure, said means including wedging means at opposite ends of said spring resistance co-acting with said elements, each of said wedging means being interposed between a follower and the adjacent end of the spring resistance whereby said intercalated plates are subjected to wedging pressure during the compressive action of the mechanism.

1,571,683. ANTIFRICTION SIDE BEARING. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Jan. 5, 1923. Serial No. 610,756. 4 Claims. (Cl. 308—226.)



1. In an anti-friction bearing adapted for attachment to the bolster of a car, the combination with a retaining member; of a shaft rotatably mounted in said retaining member, said shaft being provided with a portion of non-circular cross section; and a roller having an opening of non-circular cross section adapted to receive said portion of the shaft with rotary driving relation, said roller and shaft also having limited relative rocking movement.

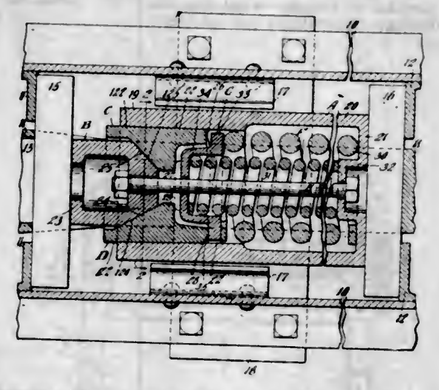
1,571,684. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Jan. 8, 1923. Serial No. 611,236. 5 Claims. (Cl. 213—32.)



1. In a friction shock absorbing mechanism, the combination with a hollow outer casing open at one end and provided with a wall at the opposite end; of a liner within said casing consisting of a plurality of sections, each section having an inner friction surface at the open end of the casing and a portion thereof extended inwardly and rearwardly of the casing to and bearing upon said wall thereof and abutment means on each of said sections; a friction system within the casing co-operating with the friction surfaces of the liners; a retainer bolt anchoring said friction system to said casing; and a main spring resistance interposed between said friction system and said abutment means of said sections.

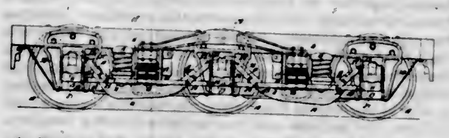
1,571,685. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Feb. 28, 1923. Serial No. 621,729. 9 Claims. (Cl. 213—32.)

1. In a friction shock absorbing mechanism, the combination with a friction shell having interior friction surfaces arranged circularly; of a series of friction shoes within and cooperable with said shell and arranged in a circular series; a spring resistance; a spring follower; spreader means cooperable with said shoes, said shoes and spreader means having a plurality of cooperable sets of faces, part of which are arranged at a relatively keen wedge acting angle and others at a relatively blunt releasing angle, said shoes having the blunt faces having



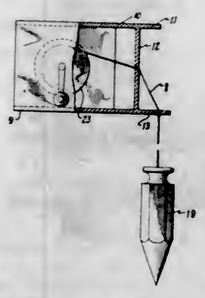
contact with said spring follower at widely spaced intervals only more than a half circumference of said cap being embraced between the extreme intervals of contact of the shoes and said cap.

1,571,686. ALIGNING DEVICE FOR PEDESTAL JOURNAL BOXES. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Oct. 25, 1923. Serial No. 670,714. 7 Claims. (Cl. 105—195.)



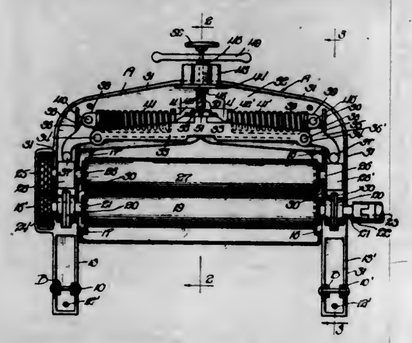
1. In a truck, the combination with a plurality of journal boxes on each side thereof; of pedestals for guiding said journal boxes for vertical movement; and means tying said boxes at each side of said truck together for preventing relative tilting movement of the same.

1,571,687. PLUMB-BOB CARRIER. THOMAS C. O'LOUGHLIN, Detroit, Mich. Filed Apr. 17, 1922. Serial No. 553,861. 4 Claims. (Cl. 33—216.)



1. A plumb-bob carrier comprising means for suspending a plumb-bob, said means having a plurality of suspension points; and a member having a marking point in vertical alignment with each of said points of suspension, when in operative position.

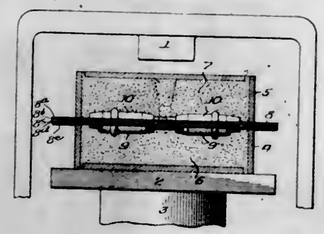
1,571,688. LAUNDRY WRINGER. ARTHUR J. PETERSON and ROY E. MELVIN, Chicago, Ill., assignors, by mesne assignments, to Apex Products Company, a Corporation of Illinois. Filed Dec. 11, 1922. Serial No. 606,247. 6 Claims. (Cl. 68—32.)



1. In a wringer two like hollow separable frame members, each member having a pair of legs hinged together at the lower ends of the legs; means to hold the frame members together and roller controlling mechanism enclosed between the walls of the frame members and bodily removable therefrom as an operative unit.

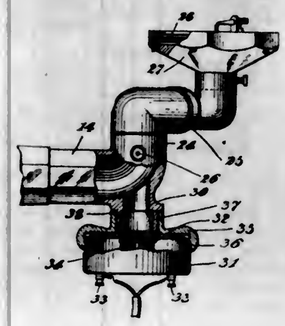
2. A wringer having a pair of relatively movable rolls geared together in combination with a hollow wringer frame comprising two like separable members enclosing two vertical chambers and a communicating transverse horizontal chamber; roll bearing members in each vertical chamber, one pair of which is vertically movable and guided in their movement by the side walls of the frame; a pair of springs in the transverse chamber; connections between the springs and the movable bearing members, respectively independently of the frame, and means outside of the frame casing for varying the tension of the springs.

1,571,689. PATTERN FOR SNAP MOLDING. HENRY C. PFEIL, Chicago Heights, Ill., assignor to American Manganese Steel Company, Chicago, Ill., a Corporation of Maine. Filed May 23, 1925. Serial No. 32,255. 3 Claims. (Cl. 22—164.)



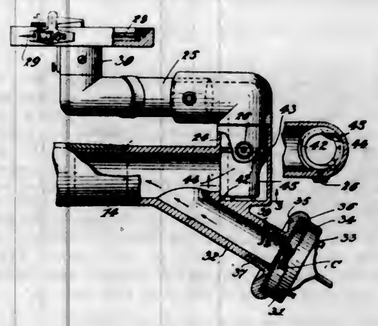
1. In foundry work, a snap board pattern, comprising a board composed of a plurality of plies of wood arranged with their grain extending alternately at substantial angles one to another, and pattern sections mounted upon said board.

1,571,690. COMBINED PHONOGRAPHIC AND TELEPHONIC APPARATUS. WILLIAM PHILLIPS, New York, N. Y., assignor to Eureka Radio and Phono Parts Co., a Corporation of New York. Filed Nov. 14, 1923. Serial No. 674,615. 1 Claim. (Cl. 179—100.1.)



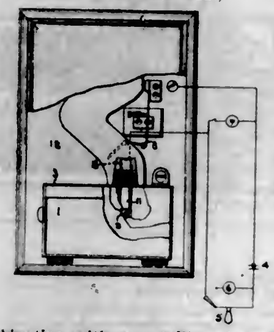
In a tone arm for a combined phonograph and radio receiving apparatus, in combination, a pair of support tubes extending in axial alignment horizontally from opposite sides of the outer end of said tone arm a sound box neck attached to one of said tubes and a telephone receiver having a cap with an integral hub in telescoping relation with the other said tube.

1,571,691. COMBINED PHONOGRAPHIC AND TELEPHONIC APPARATUS. WILLIAM PHILLIPS, New York, N. Y., assignor to Eureka Radio and Phono Parts Co., a Corporation of New York. Filed Jan. 29, 1924. Serial No. 689,217. 6 Claims. (Cl. 179—100.1.)



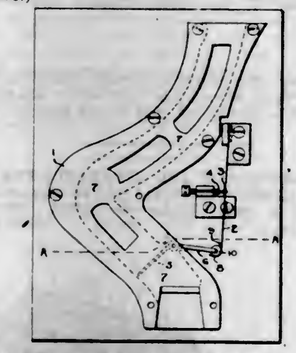
2. In a combined phonograph and radio receiving apparatus, in combination, a tone arm having a pair of nipples, a sound box pivotally mounted at one of said nipples, and a telephone receiver mounted at the other of said nipples, said sound box and receiver in sound vibration-communicating relation with the tone arm, and means for automatically interrupting communication between said telephone receiver and said sound box, when the latter is moved to idle position, thereby affording direct communication from the telephone receiver to and through the tone arm.

1,571,692. COIN-BOX MECHANISM FOR COIN-IN-THE-SLOT MACHINES. PETER GYSBERT THOMAS DE VILLIERS, Pretoria, Transvaal, South Africa, assignor of one-half to Arthur Rogers-Jenkins, Durban, Natal, South Africa. Filed Dec. 3, 1920. Serial No. 427,954. 1 Claim. (Cl. 177—311.)



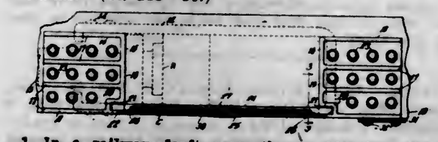
The combination with a metallic coin collecting box, having a coin receiving slot, of a rod arranged beneath said slot to distribute coins inserted therethrough, said rod being insulated from the box, and an electric signaling circuit including the box and said rod.

1,571,693. COIN-ACTUATED SIGNALING APPARATUS. PETER GYSBERT THOMAS DE VILLIERS, Pretoria, Transvaal, South Africa, assignor of one-half to Arthur Rogers-Jenkins, Durban, Natal, South Africa. Filed Dec. 3, 1920. Serial No. 427,950. 4 Claims. (Cl. 194—16.)



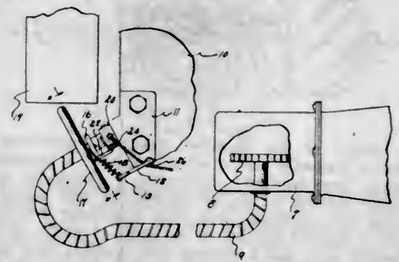
1. In a coin actuated signal apparatus, a coin chute, signal producing means including in part a vibratile reed, means for locking said reed against vibration and means for vibrating it, and means, responsive to the passage of a coin through the chute, for releasing said locking means.

1,571,694. RAILWAY DRAFT RIGGING. HARLEY E. ANDERSON, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Feb. 12, 1923. Serial No. 618,444. 9 Claims. (Cl. 213—50.)



1. In a railway draft gear, the combination with a shock absorbing mechanism; of a yoke associated therewith; and readily detachable means for removably supporting said mechanism and yoke in operative position between the draft sills of a car, said means being retained in position by the yoke.

1,571,695. MOTOR-HORN-OPERATING MECHANISM. ULRIC BELIVEAU, Detroit, Mich. Filed June 15, 1925. Serial No. 37,181. 3 Claims. (Cl. 116—59.)



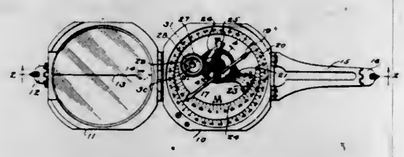
3. A motor horn operating mechanism comprising a bracket having a base adapted for mounting on a motor; a flange projecting upwardly from said base, adjacent one side thereof and having a slot formed therein; an arm depending from said base; a rockable arm mounted on the lower end of said depending arm; a disc rotatably mounted on said rockable arm intermediate its ends and adapted for movement into engagement with the periphery of the flywheel of said motor, said disc being inclined toward said fly wheel; resilient means for normally retaining said disc free from said fly wheel; a flexible shaft connected to said disc and adapted, upon rotation of said disc, for effecting an operation of a horn mechanism with which used; a swingably mounted arm mounted on said depending arm and having its lower end angularly turned and adapted for engagement with said rockably mounted arm, said swingably mounted arm being adapted for moving said disc into engagement with said fly wheel, upon movement in one direction; and a cord attached to said swingably mounted arm, adjacent its upper end and projected through said slot for effecting the swinging of said arm at will.

1,571,696. CURRENT TAP. REUBEN B. BENJAMIN, Chicago, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 12, 1922. Serial No. 528,670. 5 Claims. (Cl. 173—334.)



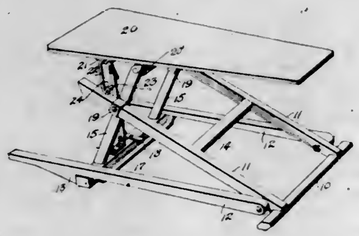
1. A current tap comprising a plug portion for insertion into a screw shell socket, a receptacle portion to receive a plug-in device of the screw shell type, and a receptacle portion to receive the contact blades of a cap member, said receptacle portions comprising an insulating base, a threaded shell receptacle contact mounted on said base, receptacle contacts for engaging contact blades, an insulating cover provided with openings affording access to said blade-engaging contacts, said cover having a hole therethrough, and a screw extending through said hole and cooperating with said threaded shell contact to hold said threaded shell contact and insulating cover in place.

1,571,697. TRANSIT. CARL M. BERNEGAU, Hoboken, N. J., assignor to Keuffel and Esser Company, Hoboken, N. J., a Corporation of New Jersey. Filed Apr. 7, 1923. Serial No. 630,504. 1 Claim. (Cl. 33—46.)



A transit of the character described comprising a casing, a magnetic needle carried thereby, a graduated compass ring associated therewith, a clinometer arm pivotally secured to the bottom wall of said casing, a leveling tube mounted upon said clinometer arm and curved in a plane parallel to the plane of motion of the clinometer arm, and a leveling vial mounted upon said clinometer arm, and having a dome-shaped cover provided with a centralized reference mark thereon, said dome-shaped cover being so positioned that when the bubble registers with the reference mark thereof the plane of motion of the clinometer arm will be horizontally level whereby the clinometer arm and the transit may be levelled independently of the said leveling tube of the clinometer arm.

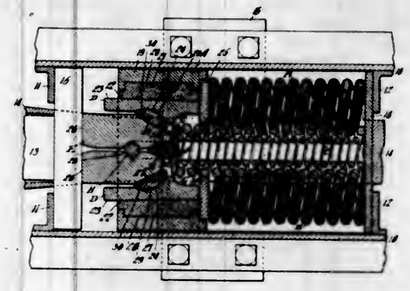
1,571,698. IRONING TABLE. ANTON BETTINARDI, Jersey City Heights, N. J. Filed May 2, 1922. Serial No. 557,957. 1 Claim. (Cl. 68—10.)



A foldable ironing table including a top, floor engaging members, supporting bars connected with one of the floor engaging members and with the top, supporting bars connected with the other floor engaging member and with the first supporting bars, arms pivotally connected with the last-named supporting bars and having lugs on the other ends for engagement with the first named floor engaging member, a transverse bar secured to and extending between the said arms in spaced relation to the lugs, and a latch plate pivotally carried by the upper face of the first-named floor engaging member and having one end extended horizontally from one side of the floor member for engagement over said transverse bar to limit upward movement of the arms and prevent disengagement of the lugs from the floor member, the other end of the latch plate being extended upwardly from the body thereof at an obtuse angle to provide a handle whereby to rotate the latch plate.

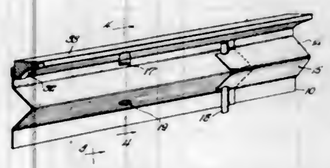
1,571,699. FRICTION SHOCK-ABSORBING MECHANISM. ARILD M. BRENNE, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Dec. 26, 1922. Serial No. 608,825. 14 Claims. (Cl. 213—34.)

1. In a friction shock absorbing mechanism, the combination with a friction shell; of a spring resistance; friction shoes cooperable with said shell; a collapsible pressure transmitting wedge including rocker parts; and



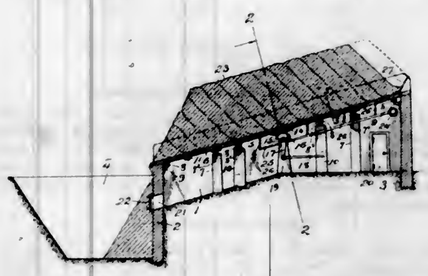
angularly adjustable bearing elements between said parts of said wedge and said shoes.

1,571,700. PARTING STRIP FOR CEMENT STRUCTURES. WILLIAM C. BURRELL, Kankakee, Ill. Filed Sept. 27, 1924. Serial No. 740,252. 9 Claims. (Cl. 94—18.)



8. A parting strip having a laterally extending channel and having two openings out of vertical alignment to receive a pin to anchor the strip to the ground.

1,571,701. METHOD OF AND APPARATUS FOR BURNING BALLAST. HENRY G. BUTLER, Houston, Tex. Filed July 6, 1925. Serial No. 41,534. 35 Claims. (Cl. 25—158.)



1. The method of burning ballast consisting in forcing air under pressure through a pile of raw earth in contact with burning fuel and employing gravity to feed the pile along.

1,571,702. FUSE PLUG. NATHAN C. BUTLER, Cleveland, Ohio. Filed Oct. 8, 1920. Serial No. 415,628. 8 Claims. (Cl. 200—130.)

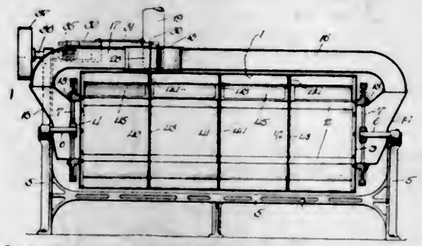
1. A fuse plug comprising a socket engaging member formed with an interior chamber having openings through the ends of said member, a closure for one end of said

member and positioned within the same, and means normally providing a gas vent from said chamber past said



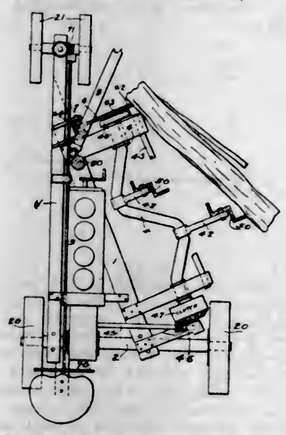
closure, a fuse member removably secured in the other end of said chamber and provided with electric connections through said members.

1,571,703. DRIER. OTTO BUTZBACH, Chicago, Ill., assignor to The Invincible Blow Pipe Co., a Corporation of Illinois. Filed Aug. 21, 1922. Serial No. 583,102. 10 Claims. (Cl. 34—5.)



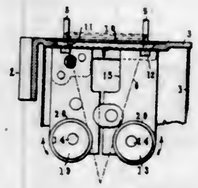
6. A clothes drier comprising a rotatable receptacle for receiving and holding the clothes, a valve casing, an air inlet pipe communicating with the valve casing, an air outlet pipe communicating with the valve casing, a pair of air passages interconnecting the valve casing and opposite ends of the receptacle, a valve within the valve casing and movable to direct air from the inlet pipe through the passages and receptacle to the outlet alternately in opposite directions and also to close the outlet pipe with both passages open to the inlet pipe, and means for automatically operating the valve.

1,571,704. LAND-CLEARING MACHINE. JOHN H. CALDWELL, Seattle, Wash. Filed Apr. 15, 1924. Serial No. 706,667. 5 Claims. (Cl. 214—1.)



1. A land clearing device comprising a self-propelled vehicle having a series of rams mounted for recurring movement in directions extending transversely of the direction of movement of the vehicle, and means for applying power to the movement of said rams.

1,571,705. CUP DISPENSER. HAROLD CABLE, Buffalo, N. Y., assignor, by mesne assignments, to Vortex Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Jan. 12, 1924. Serial No. 685,784. 5 Claims. (Cl. 211—8.)



1. A dispensing apparatus of the character described including, in combination, a support for a column of nested cups, a pair of cup drawing friction rolls rotatable on axes extending transversely of the cup path and adapted to cooperate to grip and draw the end cup of said column from said support, a pair of roll shafts with which said rolls rotate, bearings for said shafts, one of said bearings being movable to effect relative approaching and receding movement between said rolls transversely of the cup, means including a spring for effecting relative movement between said bearings to cause approaching movement of said rolls, a driving member, and driving connections between said roll shafts and driving member.

1,571,706. PROCESS OR METHOD OF MAKING WATERPROOF PAPER TUBES. JAMES H. CARMICHAEL, Lowell, Mass., assignor to U. S. Cartridge Company, Lowell, Mass., a Corporation of Massachusetts. Filed Feb. 18, 1925. Serial No. 9,957. 3 Claims. (Cl. 93—94.)

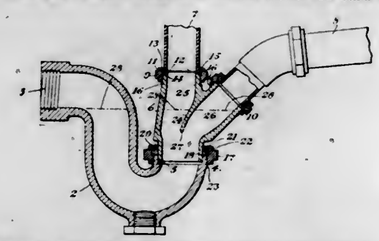


1. The process of making water resisting paper tubes which consists in applying a coating of polymerizable oil to one side of a sheet of paper, such coacting terminating short of the marginal edge and extending substantially parallel to the edge for a width slightly less than the circumference of the tube to be formed, applying adhesive to the sheet, rolling it up to form a tube with the oil coated portion on the outside, drying the paste, and simultaneously gelatinizing the oil and subjecting the tube to a sizing operation.

1,571,707. DRAIN TRAP. GEORGE D. CASPER, New York, N. Y., assignor of one-half to William W. Schusky, Long Island City, N. Y. Filed Apr. 9, 1923. Serial No. 630,710. 1 Claim. (Cl. 182—18.)

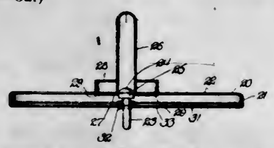
A self-cleaning drain trap having a water seal and embodying a member having an outlet and a juncture portion on the inlet part thereof below the water seal surface, a member having a portion to fit said juncture portion of the first-mentioned member, adapted to be secured thereto in different positions both axially and vertically, and having two pipe connections both above the water seal, joining passages separated by a single wall that is above said juncture portion and whose lower

edge is below the water seal surface and whereby the inlet pipes are water-sealed from each other, and in which inlet member the area of the lower orifice thereof exceeds any single cross section of either of said branch



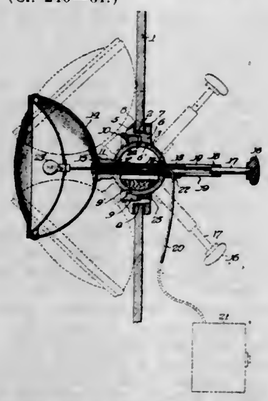
passages, and means below the water seal surface whereby the first-mentioned member and the member having said pipe connections are joined together at said juncture portion.

1,571,708. TOP. JULIUS N. CAYO, Buchanan, Mich. Filed Feb. 23, 1922. Serial No. 538,464. 2 Claims. (Cl. 46—32.)



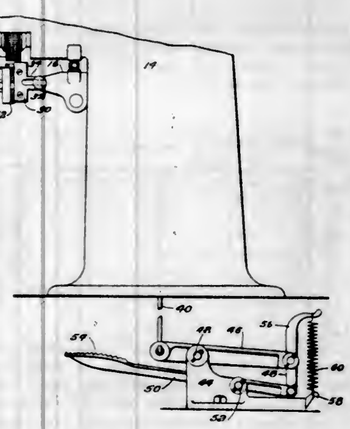
1. A top comprising a disk having its peripheral edge turned laterally and inwardly to form an annular pocket; a cup-shape inverted housing secured to the center of the disk and centrally perforated for a stem handle; a stem extending thru said housing and said disk and secured to the latter; a spinning pin secured to said disk and extending axially with said stem handle; a disk loosely supported on said spinning pin and extending into the aforesaid annular pocket provided by the first mentioned disk, said first mentioned disk having perforations thru which the inner disk may be seen.

1,571,709. SPOT OR SEARCH LIGHT ASSEMBLY. OLIVER H. CLARKE, Washington, D. C., assignor to The Clymer Manufacturing Company, Rockford, Ill., a Corporation of Colorado. Original application filed Mar. 17, 1920, Serial No. 366,683. Divided and this application filed July 14, 1924. Serial No. 725,843. 11 Claims. (Cl. 240—61.)



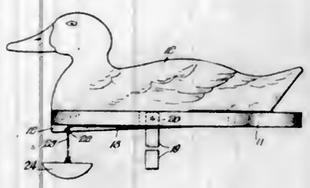
1. In combination, a windshield having an opening therein, a spot light having a shank extending through said opening, and means for mounting said shank in said opening with capacity of angular movement, said mounting means including windshield gripping means and a removable element permitting withdrawal of the spot light shank through said opening without removing the rest of said mounting means for the windshield.

1,571,710. CEMENTING MACHINE. JOHN W. COSGROVE, Medford, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Sept. 8, 1923. Serial No. 661,692. 9 Claims. (Cl. 91—49.)



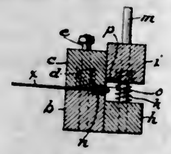
1. In a cementing machine, a rotatable support, a work-engaging member mounted upon the support, and a relatively stationary member in proximity to which the work-engaging member turns, one of the members being provided with a depression and the other member having a projection entering the depression during the rotation of the support.

1,571,711. DECOY. CLARENCE L. DEWEY, Elkhart, Ind. Filed Feb. 29, 1924. Serial No. 696,056. 1 Claim. (Cl. 43—3.)



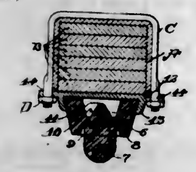
A decoy simulating a swimming bird, comprising two like buoyant members spaced apart to provide an open slot therebetween; a plate overlying said members bridging the slot and secured to both members to hold them in spaced relation; a relatively thin member vertical to the buoyant members having a slot in its rear end to receive said plate when said member is slid into position between the separated buoyant members; a ballast rod, normally retained in said slot between the buoyant members and pivoted at one end thereto near the longitudinal center thereof and arranged to swing on said pivot into a position vertical to said buoyant members and a latch to hold said rod and said vertical member in place.

1,571,712. PROCESS AND MACHINE FOR VARIABLY CUTTING ROOFING SLATE. JAMES H. EMACK, Philadelphia, Pa. Filed Oct. 9, 1922. Serial No. 593,341. 3 Claims. (Cl. 125—23.)



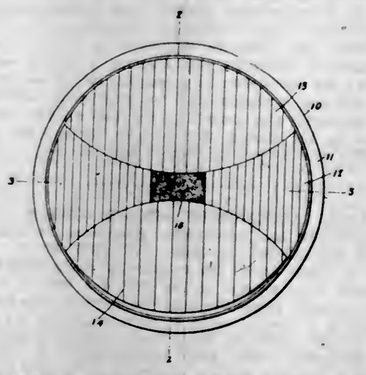
1. The process of manufacturing slabs of slate with edges having an indefinite variety of contours which comprises subjecting the slabs to the action of a cutting tool having a cutting edge of substantially greater length than the width of the individual slab and of such irregular broken contour that any substantial portion of its length is of different contour from any other substantial portion of its length, and presenting the slabs to the cutting tool at a variety of lateral positions along the length thereof to produce slabs with trimmed edges having a variety of different contours.

1,571,713. BUFFER. ELIAS J. EMERY, Lynn, Mass. Filed Dec. 8, 1921. Serial No. 520,888. 13 Claims. (Cl. 267—30.)



1. Shock absorbing mechanism comprising a resilient buffer having therein an integral projecting plug of a length greater than the length elsewhere of said buffer, said plug being resiliently supported for movement with respect to the remainder of the buffer, and means for supporting said buffer on an element between which and a second element shock is to be absorbed.

1,571,714. LENS FOR VEHICLE LAMPS. ROBERT N. FALGE and WILBER M. JOHNSON, Cleveland, Ohio, assignors to General Electric Company, a Corporation of New York. Filed May 1, 1922. Serial No. 557,672. 2 Claims. (Cl. 240—48.4.)



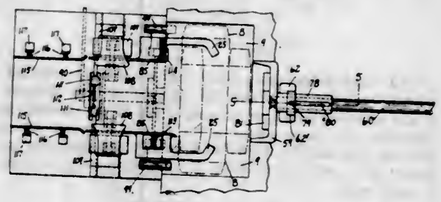
1. A lens for vehicle head lamps having focusing reflectors which comprises upper, lower and intermediate zones provided with means for refracting downwardly light transmitted therethrough from the reflector, all portions of said upper and lower zones being of higher refracting power than said intermediate zone and said intermediate zone being symmetrically disposed with reference to the transverse axis of said lens and being wider at the periphery of said lens than at the center thereof.

1,571,715. METHOD AND MEANS FOR FORMING WATERMARKS IN PAPER. JOSEPH LEA FEARING, Greenwich, Conn., assignor to International Paper Company, a Corporation of New York. Filed Nov. 11, 1925. Serial No. 68,439. 4 Claims. (Cl. 92—48.)



1. The method of forming watermarks in paper, which consists in subjecting the traveling pulp layer to the action of indenting projections constituting the watermark formative design and disposed substantially solely in the general direction of the travel of the pulp layer.

1,571,716. CARTON-FILLING MACHINE. VICTOR S. FISHWICK, Cincinnati, Ohio. Filed Mar. 30, 1925. Serial No. 19,227. 5 Claims. (Cl. 93—6.)

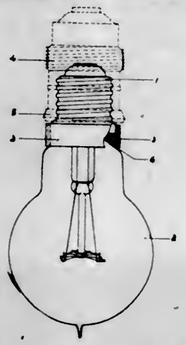


1. In a carton filling machine of the character described, comprising vacuum means for temporarily placing a carton into a extended position, means for placing the article into the carton, in combination with pusher means for closing the vertical flap ends of the carton at one end, part of said pusher means, after the vertical flaps have been folded into position at said one end, continuing to push the carton until it engages means for closing the vertical flaps at the opposite ends, and means for folding and closing the remaining horizontal flaps.

1,571,717. PROCESS FOR MANUFACTURING METAL CAPS FOR ELECTRIC INCANDESCENT LAMPS. LADISLAUS PETER GRÄNER, Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company, a Corporation of New York. Filed Nov. 17, 1923. Serial No. 675,400. 3 Claims. (Cl. 18—59.)

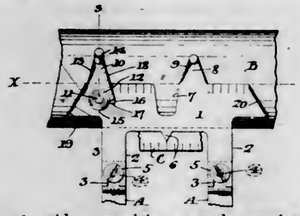
3. The process of applying a protecting ring and insulation about the base of the cap of an electric lamp or the like which consists in applying a layer of paper

over the base of the cap after the paper has been immersed in liquid containing "bakelite," allowing the paper to dry in position and thereafter applying "bake-



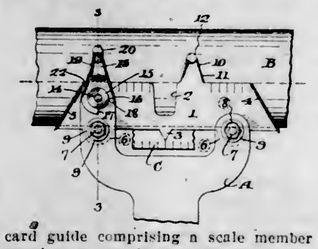
lite" solution again to the paper, placing the protecting ring over the paper and insulation while in a heated condition and thereafter heating the aggregate to dry and harden.

1,571,718. TYPEWRITING MACHINE. EDWARD B. HESS, New York, N. Y., assignor to Royal Typewriter Company, Inc., New York, N. Y., a Corporation of New York. Filed Sept. 25, 1925. Serial No. 58,548. 13 Claims. (Cl. 197—135.)



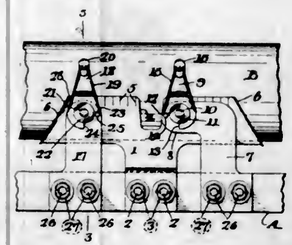
1. A card guide comprising a scale member having a central opening to permit the passage of the type bars to the printing point, an integral rigid finger immediately adjacent the type opening, a movable finger at the extreme end of the scale, and means for stopping said finger in a position wherein it constitutes an extension of said scale.

1,571,719. TYPEWRITING MACHINE. EDWARD B. HESS, New York, N. Y., assignor to Royal Typewriter Company, Inc., New York, N. Y., a Corporation of New York. Filed Sept. 25, 1925. Serial No. 58,549. 9 Claims. (Cl. 197—135.)



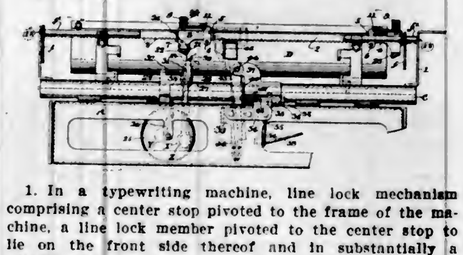
1. A card guide comprising a scale member having a central opening to permit the passage of the type bars to the printing point, an integral rigid finger immediately adjacent the type opening, a movable finger at the end of the scale mounted independently thereof, and means for stopping said finger in a position wherein it constitutes an extension of said scale.

1,571,720. TYPEWRITING MACHINE. EDWARD B. HESS, New York, N. Y., assignor to Royal Typewriter Company, Inc., New York, N. Y., a Corporation of New York. Filed Sept. 25, 1925. Serial No. 58,550. 10 Claims. (Cl. 197—135.)



1. A card guide comprising a scale member having a central opening to permit the passage of the type bars to the printing point, and two fingers mounted independently of said scale member, one of said fingers being adjacent said central opening and the other being mounted at the extreme end of the scale.

1,571,721. TYPEWRITING MACHINE. EDWARD B. HESS, New York, and LEWIS C. MYERS, Freeport, N. Y., assignors to Royal Typewriter Company, Inc., New York, N. Y., a Corporation of New York. Filed June 11, 1925. Serial No. 36,465. 9 Claims. (Cl. 197—112.)



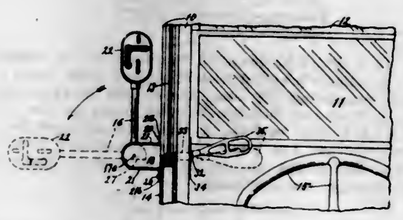
1. In a typewriting machine, line lock mechanism comprising a center stop pivoted to the frame of the machine, a line lock member pivoted to the center stop to lie on the front side thereof and in substantially a parallel plane for its entire length, the upper end of said line lock member also having an offset portion overlying the edge of the center stop, a margin stop having a projection to contact with the offset portion and swing the line lock member so that its lower end overlies a portion of the universal bar frame and prevents further printing.

9. In a typewriting machine, bell ringing mechanism comprising a bell, a bell striker normally out of contact therewith and pivotally supported by a pivot passing through an elongated slot therein, a spring normally holding the bell striker in a position out of contact with the bell, and a margin stop for rocking the bell striker, the elongated slot permiting the bell striker when released by the margin stop to pass through its normal position into momentary contact with the bell.

1,571,722. AUTOMOBILE SIGNAL DEVICE. JULIUS J. HOLLEY, La Crosse, Wis. Filed June 13, 1924. Serial No. 719,805. 1 Claim. (Cl. 177—327.)

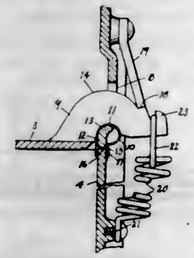
In a signal device for vehicles, a mechanism housing adapted to be secured on the side of a vehicle, a signal arm pivotally secured in said housing and adapted to be swung in a vertical plane at right angles to the side of the vehicle; said arm comprising a tubular member with an elongated hollow head, quadrangular in cross section, on its free end, an electric bulb in said head and in an electric circuit, means for closing the circuit, means in said head for projection of light forwardly and rearwardly, simultaneously, when the circuit is closed; means

for manipulating the signal arm to and from a horizontal position comprising an operating rod having a universal joint connection with the signal arm adjacent its pivot and movable in a common plane with the movement of the signal arm, and in which said circuit closing means comprises a fixed electro-conductive element within said mechanism housing, a radial electro-conductive arm in friction contact with said fixed element and oscillated



by the movement of the signal arm, an opening being provided in said fixed element in the path of said radial arm to break the circuit when the signal arm is in idle position, and means for conducting electric current from said arm to the electric bulb in the head of the signal arm; and auxiliary means for holding the signal arm in non-signaling position comprising a fixed stud within the mechanism housing, in the path of the radial arm and adapted to engage and yieldingly hold said arm.

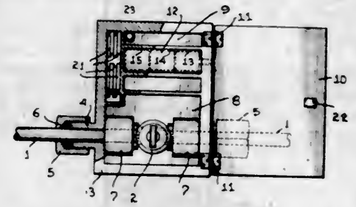
1,571,723. STOVE. GEORGE W. HOWES, Dowagiac, Mich., assignor to The Beckwith Company, Dowagiac, Mich. Filed Oct. 16, 1925. Serial No. 62,796. 7 Claims. (Cl. 126—194.)



7. In a door, the combination of a casing having an inset door jamb and comprising a downwardly curved bottom member and inwardly facing channeled upright members having recesses at their lower ends, the recesses having slots therein, and a floor having laterally projecting portions at its lower edge adapted to close into said recesses and provided with inwardly projecting hinge arms disposed through said slots.

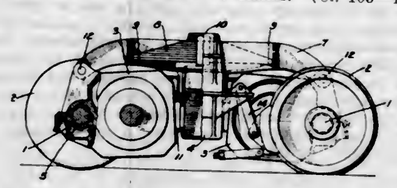
1,571,724. SAFETY LOCK FOR MOTOR VEHICLES. CHARLES L. HUBBS, San Diego, Calif. Filed Mar. 23, 1925. Serial No. 17,732. 4 Claims. (Cl. 70—124.)

1. The combination with a gas line between a source of supply and a carburetor, said gas line including a stop cock, of a casing mounted on the gas line and housing and stop cock and having a closure and a compartment, the closure having a catch, the casing having a keeper for the reception of the catch, and means mounted in



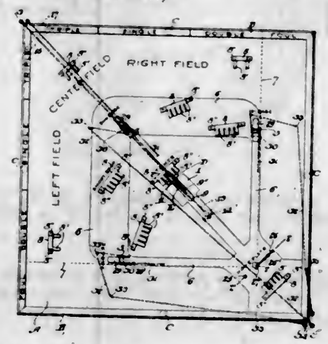
said compartment consisting of a plurality of slides for cooperating with the catch for holding the catch in the keeper.

1,571,725. LOCOMOTIVE OR CAR TRUCK. OLE K. KJOLSETH, Scotia, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Sept. 5, 1924. Serial No. 736,150. 6 Claims. (Cl. 105—135.)



1. A locomotive or car truck comprising wheels, axles therefor, a truck transom, electric motors geared to said axles, each of said axles having a bearing in the frame of its respective motor, each of said motors being also supported on said transom, equalizers having their ends pivoted to the frames of said motors, and spring supports for said transom on said equalizers.

1,571,726. GAME APPARATUS. JOHN B. KRUG, Philadelphia, Pa. Filed Nov. 19, 1921. Serial No. 516,309. 4 Claims. (Cl. 273—89.)

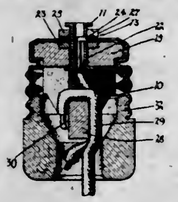


1. In a game apparatus of the character described, a board representing a ball field, ball delivering and batting mechanism connected with said board, a device representing a player pivotally connected to said board and extending through a slot therein, a member connected with said device for moving it to an upright position, and tripping mechanism for engaging and holding said device in an upright position.

2. In a game apparatus of the character described, a board representing a ball field, batting mechanism carried upon said field, a ball seat, and means for delivering said

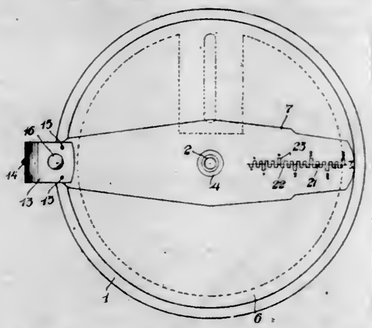
ball from said seat to said batting mechanism and comprising a housing, a plunger reciprocable in said housing, elastic means for normally retracting said plunger in said housing, manually operable means for actuating said plunger to strike said ball.

1,571,727. ATTACHMENT PLUG. STANLEY MCCLATCHIE, Cambridge, Mass., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed July 3, 1920. Serial No. 393,972. 3 Claims. (Cl. 173—359.)



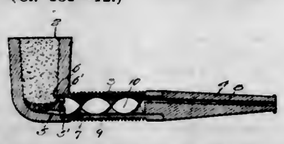
2. An attachment plug comprising a side contact, an insulating body within said side contact, a tubular metal member extending through said body, said tubular member having a portion forming a center contact, the bore of said tubular member affording a passage for the conductor, said tubular member being provided with a lateral passage for the conductor, and means for securing the end of said conductor, comprising a nut threaded on said tubular member.

1,571,728. CALCULATOR. SAMUEL J. MACFARREN, Washington, D. C. Filed Nov. 9, 1922. Serial No. 599,826. 10 Claims. (Cl. 235—83.)



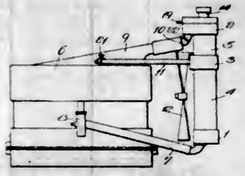
1. In a calculator, a dial adapted to be read from one direction only and having thereon a spiral scale oriented.

1,571,729. TOBACCO PIPE. ARTHUR B. MODINE, Racine, Wis. Filed Dec. 6, 1923. Serial No. 678,901. 4 Claims. (Cl. 131—12.)



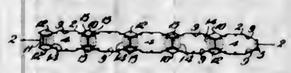
1. A tobacco pipe comprising a bowl, a metallic stem having fins for radiating the heat therefrom, and means for swirling the smoke outwardly against said stem during its passage therethrough.

1,571,730. RADIATOR. ARTHUR B. MODINE, Racine, Wis. Filed Dec. 29, 1923. Serial No. 683,402. 8 Claims. (Cl. 123—174.)



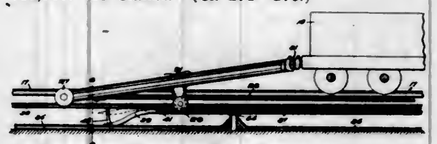
1. In a device of the kind described and in combination, a radiator provided with upper and lower tanks and a core connecting the same, one of said tanks provided with an inlet and the other with an outlet for the circulation of a fluid medium, a condenser arranged to receive, condense and return vapors discharged from the system, and means for closing said inlet to direct the fluid through the condenser.

1,571,731. JEWELRY CHAIN. ALMYR L. NEWMAN, Warwick, R. I., assignor, by mesne assignments, to A. L. Newman Company, Cranston, R. I., a Corporation of Rhode Island. Filed Nov. 6, 1923. Serial No. 673,050. 5 Claims. (Cl. 59—80.)



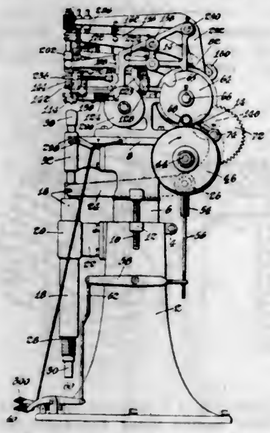
4. In an article of the type specified, the combination of a series of main links having relatively flat top-plates provided with depending loops at their ends, base-plates secured in spaced relation below the top-plates, and intermediate connecting-links formed with lateral crossbars connected at their ends by raised abutments, the crossbars of the connecting-links being received within the loops of adjacent main links and the edges of the raised portions at their ends abutting the outer edges of the main links to hold the latter in alinement and prevent them from twisting or skewing out of position.

1,571,732. CAR-HAULAGE PLANT. ALMON E. NORRIS, Brookline, Mass. Filed May 5, 1924. Serial No. 710,960. 16 Claims. (Cl. 104—176.)



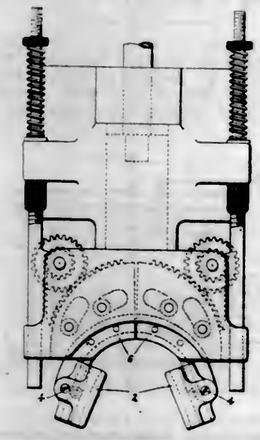
2. A car haulage system having a pusher car provided with a pusher head, a main track provided with a transfer station of substantial length whereat the pusher car is adapted to pass beneath a car on the main track, a pusher car guide comprising a main pusher car track extending lengthwise the main track, a guiding device on the pusher car comprising a main truck engaging the pusher car track, a separate auxiliary guide comprising an auxiliary track also extending lengthwise the main track, an auxiliary guiding device on the pusher car comprising a second truck engaging said auxiliary track, the pusher head being elevationally controlled by the elevational variation of said second truck, a branch auxiliary guide at the transfer station comprising a branch track elevationally separated from the auxiliary track, said second truck engaging with one of said auxiliary tracks when the pusher car is moved in one direction, and a switch for transferring the auxiliary guiding truck to the other auxiliary track when the pusher car is moved in the opposite direction.

1,571,733. MACHINE FOR SHAPING UPPERS OVER LASTS. ARTHUR F. PYM, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Jan. 7, 1921. Serial No. 435,636. 15 Claims. (Cl. 12—51.)



1. A machine for operating at the sides of a toe to improve the shape of an upper secured in substantial conformity to the contour of its last having, in combination, wiping means constructed and arranged to engage the secured upper at the side portions only of the toe while leaving the portions of the upper round the end of the toe free from wiping pressure, and operating means for forcing said wiping means inwardly over the bottom of the shoe in engagement with the upper.

1,571,734. METHOD OF MAKING SHOES. ARTHUR F. PYM, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Original application filed Jan. 7, 1921, Serial No. 435,636. Divided and this application filed Mar. 21, 1924. Serial No. 700,843. 7 Claims. (Cl. 12—142.)



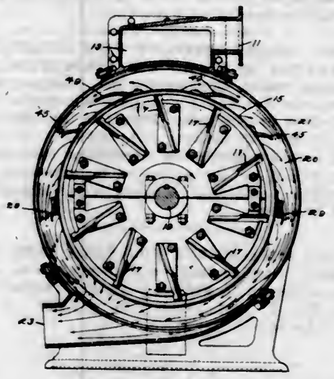
1. That improvement in methods of making shoes which consists in lasting the toe of a shoe including the fastening of the upper in the angle between the feather and the rib of the insole, and thereafter working the upper over the toe of the last toward the edge of the insole and then inwardly into the angle between the feather and the rib of the insole to tighten the upper and conform it more closely to the last and to the contour of the insole.

1,571,735. IMPELLER. CHARLES F. QUEISSER, Cleveland Heights, Ohio, assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio, a Corporation of New York. Filed Sept. 28, 1923. Serial No. 665,469. 7 Claims. (Cl. 170—168.)



1. An impeller comprising a sheet metal disk having integral radial blades cut from the disk and bent outwardly, an integral rim, a reinforcing disk which closes the openings in the blade disk and fits the inside of the rim, and means for uniting the web of the reinforcing disk with those portions of the web of the blade disk which are situated between the blades.

1,571,736. SCREEN. HAROLD J. REED, Nashua, N. H., and CLAUDE L. SPAFFORD, Sherbrooke, Quebec, Canada, assignors to Improved Taper Machinery Company, Nashua, N. H., a Corporation of Maine. Filed Apr. 7, 1925. Serial No. 21,285. 14 Claims. (Cl. 92—34.)

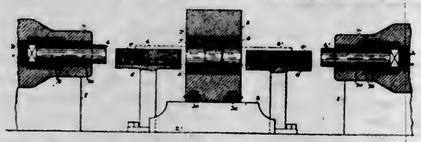


1. In an apparatus of the class described, the combination with a casing, of a screen drum within the casing and providing a screened-stock chamber between the casing and the drum and a screening chamber within the drum, impelling devices within the screening chamber, and means in the screened-stock chamber to deflect away from the lower adjacent portion of the screen drum the gravitating stock passed through the upper part thereof.

1,571,737. METHOD OF CONDENSING METALS. CHAPMAN SCHANANDOAH, Nedrow, N. Y. Filed Apr. 1, 1925. Serial No. 19,902. 5 Claims. (Cl. 78—81.)

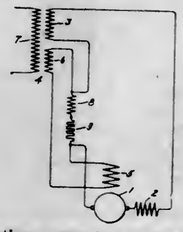
3. In a metal condensing apparatus, a metal holder formed to receive and engage the major part of a body of metal to be condensed and to leave the ends of the body free, a pair of explosive guns arranged in spaced relation to and on opposite sides of the holder and having their bores alined with the body of metal, and solid heavy

rams received in the gun bores and adapted upon igniting of the explosives to be projected through the space be-



tween the guns and metal body and simultaneously against opposite ends of the body of metal thereby to condense the latter.

1,571,738. COMPOUNDING ALTERNATING-CURRENT MACHINE. LUCIEN SCHOMBOURGER, Paris, France, assignor to General Electric Company, a Corporation of New York. Filed Sept. 24, 1924. Serial No. 739,704. 4 Claims. (Cl. 172—276.)

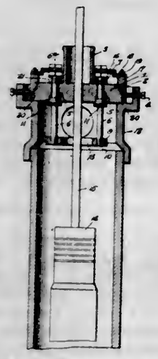


1. An alternating current commutator machine comprising a field winding and an armature circuit, means for impressing a shunt component voltage on said field winding, and means connected in said armature circuit exterior of said motor for impressing on said field winding a component voltage which is proportional in value to the load current of said machine.

1,571,739. HARD, RESINOUS VULCANIZATION ACCELERATOR AND PROCESS OF MAKING SAME. WINFIELD SCOTT, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Dec. 19, 1922. Serial No. 607,883. 28 Claims. (Cl. 260—3.)

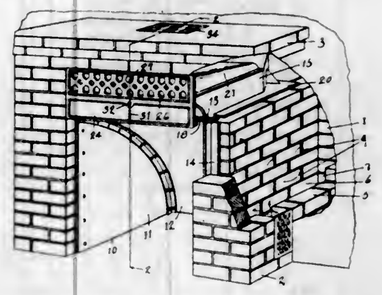
23. A rubber vulcanization accelerator comprising the product formed by the action of formaldehyde on the condensation product of 3 moles of acetaldehyde and 2 moles of aniline.

1,571,740. ATTACHMENT FOR SAND CAPS OR OIL SAVERS. GUY A. SEGUINE, Fredonia, Kans., assignor of one-sixteenth to Frederick A. Ost, Fredonia, Kans. Filed Feb. 7, 1924. Serial No. 691,233. 3 Claims. (Cl. 166—14.)



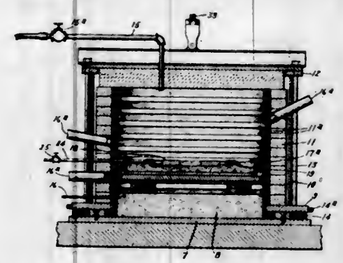
1. The combination with an oil well casing head, of a cap seated thereon, radial screws carried by the head, lugs engageable between said screws and the periphery of the cap, and a carrier movable with respect to the cap and provided with a tool impacting element, the lugs being supported by the carrier and movable in a direction parallel with the axis of the cap for withdrawal between the cap and the screws upon movement of the carrier.

1,571,741. FIREPLACE. GEORGE F. SMITH, Sturgis, Mich. Filed Apr. 20, 1925. Serial No. 24,471. 6 Claims. (Cl. 126—12.)



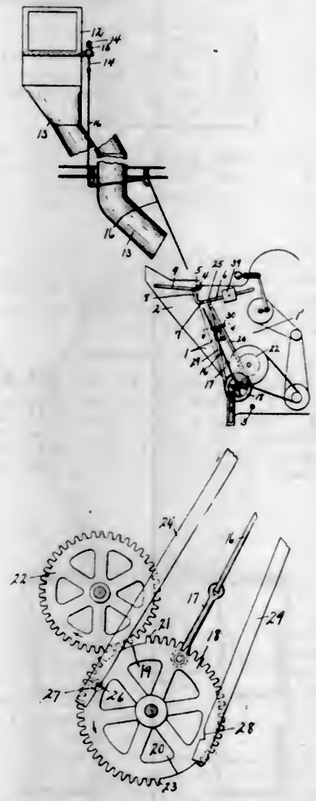
1. The combination in a fireplace comprising sides and a top, the sides having inner and outer walls spaced to provide air inlet chambers at each side of the fireplace, the outer side walls having air inlets opening to said chambers, the inner side walls having air distributing openings therethrough, the top having a hot air delivery opening therein, a combustion chamber member comprising side walls and a forwardly inclined back wall, a smoke flue member disposed above the combustion chamber and having an inlet opening at the front of said combustion chamber back wall, said smoke flue, combustion chamber and inner wall coacting to provide a hot air chamber at the sides and top of said combustion chamber, said smoke flue member having a plurality of air flues therethrough opening to said hot air chamber, and a hot air flue member disposed horizontally above said smoke flue member and coacting therewith to provide a hot air delivery flue delivering at its front end, there being an opening in said air flue member registering with said delivery opening in said top.

1,571,742. CLOSED FURNACE AND METHOD OF OPERATING THE SAME. CHRISTIAN STEENSTRUP, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Dec. 20, 1923. Serial No. 681,864. 20 Claims. (Cl. 204—64.)



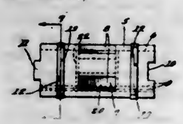
1. In a furnace, the combination of a closed container adapted to contain the charge, means for maintaining a supply of selected gas within the container to prevent oxidation of the surface of the charge during the working period, means for heating the container and its charge, and means acting independently of the heating means for controlling the temperature of a selected portion of the charge.

1,571,743. GARNETT MACHINE. HARRY W. TROUT, Syracuse, N. Y., assignor to Cotswold Comfortable Company, Syracuse, N. Y., a Corporation of New York. Filed Feb. 17, 1923. Serial No. 619,780. 14 Claims. (Cl. 19—69.)



1. In a Garnett machine, a hopper including a movable part, hopper-supplying means, a continuously rotating part, and a second rotary part rotarily actuated by the continuously rotating part only at predetermined positions of said movable part for varying said supplying means.

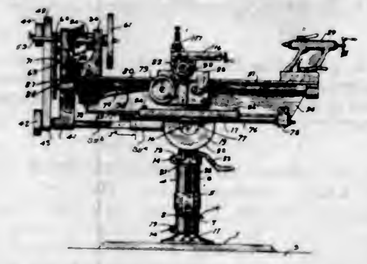
1,571,744. ENGINE VALVE AND PROCESS OF MAKING THE SAME. FRANK VOREL, Cleveland, Ohio, assignor of one-half to Joseph E. Moravec, Cleveland, Ohio. Filed Aug. 13, 1921. Serial No. 491,979. 10 Claims. (Cl. 29—156.7.)



1. A hollow valve shaft having peripheral grooves thereabout, a longitudinal slit to permit slight expansion or contraction thereof and alined apertures in its walls, tubular elements having their ends welded to the inner surface of said walls with the end openings in such elements registering with said apertures to form positively directed valve channels for the passage of gases therethrough, and yielding rings sprung into said grooves.

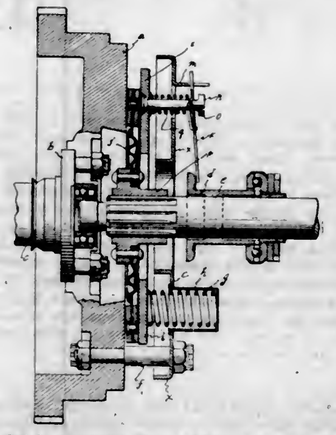
9. The method of making hollow rotary metallic valve sections for internal combustion engines comprising making a split cylinder section having a cylindrical bore and two apertures in its wall in transverse alinement, providing a hollow metallic piping or boxing having parallel face walls and open ends, the said ends of the piping fitting accurately the curved inner surface of the said section and their openings having the same size and contour as the said apertures, inserting the said piping within the said section, positioning it therein with its openings registering with the apertures in the section so that said piping will provide a suitable valve channel, and welding the pipe ends gas-tight to the section wall so that the said channel will have no communication whatever with the interior of the section.

1,571,745. LATHE. HARVEY J. WARNER, Denver, Colo., assignor of one-third to Albert S. Carter and one-third to W. J. Cattell, both of Denver, Colo. Filed June 23, 1924. Serial No. 721,753. 4 Claims. (Cl. 82—2.)



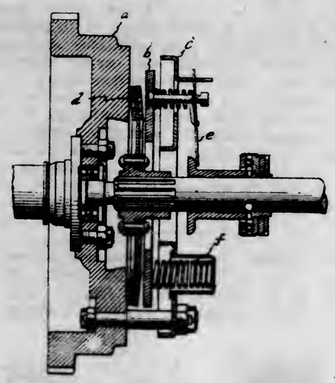
1. A lathe comprising, in combination, a vertical support, a sleeve slidably attached thereto, means for moving said sleeve along said support, means for clamping the sleeve to the support in adjusted position, a lathe bed support pivotally attached to the upper end of said sleeve, means for rotating said lathe bed support about its pivot, a lathe bed slidably connected to the lathe bed support, and means for moving said bed in said support.

1,571,746. CLUTCH. ERNEST E. WEMP, Detroit, Mich. Filed Dec. 24, 1923. Serial No. 682,445. 10 Claims. (Cl. 192—68.)



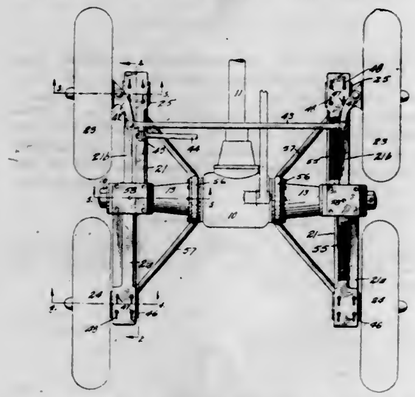
1. In a clutch, a clutch disc which is substantially equally radially extensible and contractible along all of its radii and in which the outer zone of the disc is arranged to be deformed from its natural condition when the clutch is engaged.

1,571,747. CLUTCH DISK. ERNEST E. WEMP, Detroit, Mich. Filed July 25, 1924. Serial No. 728,056. 6 Claims. (Cl. 192—107.)



1. A clutch disk for use in the plate type of clutch comprising a spoked metal disk in which the spokes terminate at their ends with packing portions in the form of segments of cones.

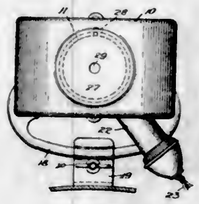
1,571,748. AXLE AND WHEEL STRUCTURE. GEORGE W. WILSON, Henderson, Iowa. Filed Oct. 20, 1924. Serial No. 744,636. 3 Claims. (Cl. 180—22.)



1. In a wheel and axle structure, a differential and axle housing, a differential and two-part axle mounted therein, wheel supports mounted on the opposite ends of said housing and having parts extending in one direction from the housing and non-aligned parts extending in the other direction from the housing forming casings, a pair of wheels journaled on those projecting parts of the wheel supports which form the pair most widely separated, a pair of wheels steerably mounted on the other projecting members of said wheel supports in alignment with the wheels of the first pair, means for imparting motion from the axle to the first pair of wheels, and means for imparting motion from the axle to the second pair of wheels.

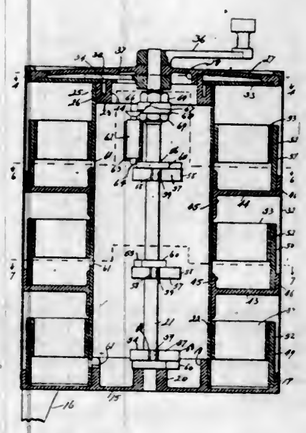
1,571,749. DETACHABLE, STOP SIGNAL, PARKING, AND TROUBLE AUTOMOBILE LAMP. GEORGE J. WOHLTMAN, Newburgh, N. Y. Filed Jan. 27, 1922. Serial No. 532,244. 5 Claims. (Cl. 177—329.)

5. In a lamp as described, a portable casing provided with a carrying handle, means for detachably mounting said casing on an automobile in signal position, said means comprising a clamp for engagement over said handle, a lateral extension on said casing forwardly of the automobile, a lamp in said casing and



means for extensible connection of said lamp with a distant source of current, a lens in said extension, and a peep-hole apertured cover detachably mounted on said extension over the lens, the peep-hole when positioned serving as a telltale for the lamp.

1,571,750. VENDING MACHINE FOR COMPRESSED GASES AND FLUIDS IN CONTAINERS. JOHN E. CARROLL, Philadelphia, Pa., assignor to C-2 Products Company, Philadelphia, Pa., a Company existing under a Declaration of Trust. Filed June 21, 1923. Serial No. 646,808. 7 Claims. (Cl. 194—85.)



1. A machine for vending merchandise in returnable containers comprising a plurality of supports arranged above one another each having a single communication with the support beneath, the communication between alternate supports being in staggered relation, and means to move containers resting on the supports toward the communications between supports, said means being placed in operative conditions by the insertion of a coin and a container in the machine.

1,571,751. FISH GUN. GIULIO CASTELLAN, San Luis Obispo, Calif. Filed Nov. 10, 1923, Serial No. 674,023. Renewed Sept. 28, 1925. 4 Claims. (Cl. 43—6.)

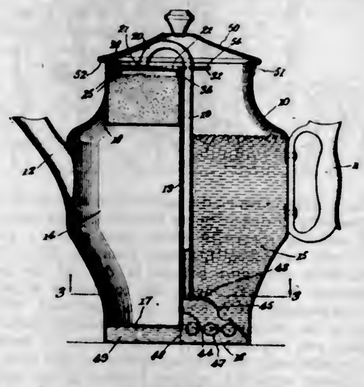
1. A fish gun comprising a barrel mounted upon a stock, a pulley journaled upon the stock, a trigger mechanism carried by the stock, a bait line threaded through the barrel and trained around the pulley and connected with the trigger mechanism and carrying a bait hook, a

member slidably mounted on the barrel, and engageable with the trigger mechanism, a member fixed to the barrel, a member slidably mounted upon the barrel and carrying



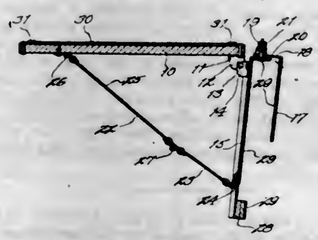
spears, a coil spring interposed between the fixed member and the last mentioned slidable member and means connecting the first and last mentioned slidable members.

1,571,752. AUTOMATIC DRIP COFFEEPOT. GRACE GERMAN CHAMBERLAIN, New Orleans, La., assignor of one-fifth to Walter W. Fife, New Orleans, La. Filed Oct. 8, 1925. Serial No. 61,285. 6 Claims. (Cl. 53—3.)



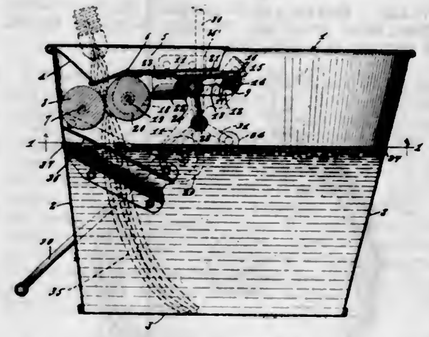
1. A coffee pot comprising a pot body, a partition for dividing the same into water and coffee compartments, said partition having a false bottom extending thereof in the coffee compartment, a generator at the base of the water compartment having a flat wall fitting against the lower part of the partition, a top wall adjoining the partition and a curved diagonal wall sloping toward the bottom of the coffee pot and having perforations therein to admit the water to the generator a spout rising from the top wall of the generator close to the partition and having a discharge end disposed above the coffee compartment, a receptacle for the coffee grounds held by said partition above the coffee compartment, and means for distributing the boiling water received from said spout evenly to the coffee grounds in said receptacle.

1,571,753. AUTO UTILITY TABLE. JOHN L. CHRISTIAN, Pinnacle, N. C. Filed Apr. 30, 1924. Serial No. 710,147. 1 Claim. (Cl. 45—51.)



A device of the character described, comprising a table, a pair of inverted L-shaped clamping members adapted to be straddled upon the upper edge of an automobile door, said table being hinged upon one clamping member, and a brace pivotally connected with said clamping member and with the table and provided with a rule joint whereby the brace may be broken to permit the table to swing down into substantially vertical position, and adjustable means on the lower end of said clamping member for engagement against the inside of the door for varying the position of said clamping member to brace the table into horizontal position.

1,571,754. MOP PAIL AND WRINGER. WILLIAM M. CHRISTOPHER, Tonawanda, N. Y. Filed Apr. 1, 1925. Serial No. 19,965. 11 Claims. (Cl. 15—262.)



1. In a device of the character set forth, a pail, a stationary roller positioned therein, a bail having the ends thereof extended through the sides of said pail, and a roller carrying means suspended in said pail for pivotal and reciprocating movement, the ends of said pail cooperating with said roller carrying means to shift said means to cause the roller carried thereby to move toward the stationary roller upon depression of the bail.

1,571,755. FACIAL-MUSCLE-LIFTING DEVICE. SUSANNA COCROFT, New York, N. Y. Filed Sept. 2, 1924. Serial No. 735,473. 1 Claim. (Cl. 128—76.)



A device for the purpose set forth comprising a carrier formed of a fabric head piece and a lining concealed by and having its rear edge and ends secured to the rear edge and upper and lower ends of said head piece and further opposing the rear portion of the inner face of said head piece, said lining having its forward edge free of the head piece, a face adhering member free of, concealed by and opposing the forward portion of the inner face of the head piece, said member projecting forwardly from said lining, means for detachably connecting the forward portion of the lining to the rear portion of said member, and a pair of securing tapes projecting rearwardly of said head piece and having their forward terminal portions spaced from each other and secured against said lining.

1,571,756. MANUFACTURING PROCESS OF BLANKS FOR WATCH MOVEMENTS PROVIDED WITH JEWEL-INSETTING OR PLUG HOLES. HENRI COLOMB, Tavannes, Switzerland. Filed Oct. 5, 1922. Serial No. 592,642. 2 Claims. (Cl. 29—160.6.)

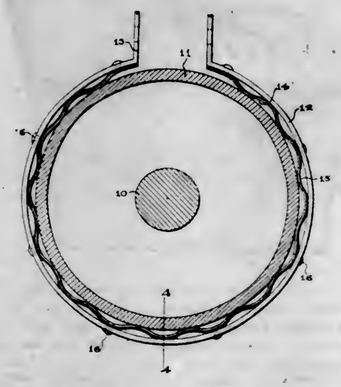
1. In a manufacturing process for blanks of watch movements provided with holes for settings and bushes

the procedure of establishing the interchangeability of each piece by first putting-in all the holes according to suitable guide marks and then of rectifying all the holes



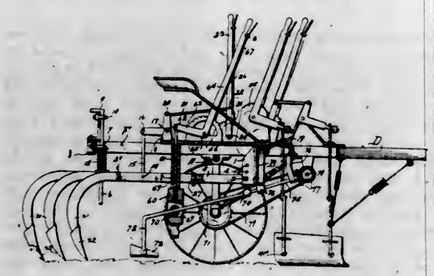
of each piece simultaneously by means of one and the same punch which is likewise guided by suitable but particular marks.

1,571,757. BRAKE-BAND LINER. PEARL COMPTON, Flint, Mich. Filed Sept. 10, 1923. Serial No. 661,921. 2 Claims. (Cl. 188—259.)



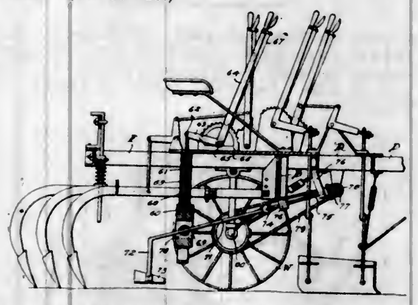
2. A brake band liner comprising an inner friction strip, a contracting member, and a transversely corrugated spring interposed between the friction strip and the contracting member and adapted to support the friction strip for contact with a drum at spaced points thereabout, and anchoring means securing the spring at spaced points throughout its length to said contracting member.

1,571,758. AGRICULTURAL IMPLEMENT. RUBIN L. DIAMOND, McHenry, Miss., assignor of one-half to John S. Adkison, McHenry, Miss. Filed Sept. 6, 1924. Serial No. 736,341. 1 Claim. (Cl. 97—159.)



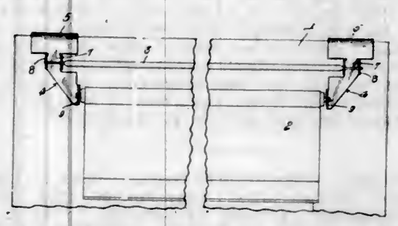
An agricultural implement comprising, in combination, a portable body, a beam pivotally engaged therewith for movement in a vertical direction, a rigid link carried by the rear portion of the beam, a vertically disposed rod freely disposed through said link, an arcuate member carried by the body, the upper portion of the rod overlying said member, a member adapted to be selectively engaged at different points with the arcuate member and straddling the rod, a guide member carried by the body through which the rod is directed, an expansible member surrounding the rod between the beam and the guide member for constantly urging the beam downwardly, and ground engaging means carried by the beam.

1,571,759. AGRICULTURAL IMPLEMENT. RUBIN L. DIAMOND, McHenry, Miss., assignor of one-half to John S. Adkison, McHenry, Miss. Original application filed Sept. 6, 1924, Serial No. 736,341. Divided and this application filed May 14, 1925. Serial No. 30,331. 1 Claim. (Cl. 97—15.)



An agricultural implement comprising a portable body, a substantially U-shaped guide depending from said body, a block slidably supported within said guide, a rod secured to and extending upwardly from the block, means coacting with the upper portion of the rod for raising and lowering the block, means for constantly urging the block downwardly, said block being provided with an opening in its central portion, a rock bearing carried by said block and disposed across said opening, a shaft disposed through and rotatably supported by said rock bearing, a ground engaging member carried by the shaft, a driven shaft, and a universal connection between both of said shafts.

1,571,760. CURTAIN AND SHADE SUPPORTING BRACKET. SEWARD J. DICK, Clymer, Pa. Filed Sept. 13, 1924. Serial No. 737,556. 1 Claim. (Cl. 156—24.)

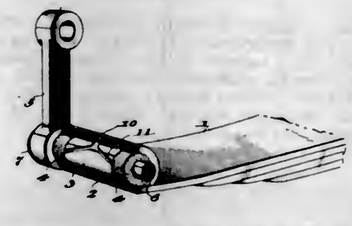


As a new article of manufacture, a bracket for a shade and pendent drapery comprising a body having a reduced intermediate imperforate portion and a laterally extending portion below and at one side of said intermediate reduced portion, pendent barbs at the upper end of the body, slotted arms reaching forwardly from the opposite vertical edges of the reduced portion of the body, and an arm reaching forwardly from the outer end of the lateral portion of the body and adapted to support a shade.

1,571,761. SELF-LUBRICATING SPRING HANGER, BOLT, AND EYE. ARZENO J. DILLEY, River Forest, Mich. Filed May 7, 1921. Serial No. 467,704. 8 Claims. (Cl. 267—54.)

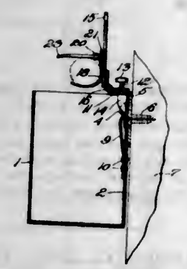
1. A self-lubricating spring hanger, bolt and eye including a leaf-spring having an eye formed at one end

thereof, means of support for said eye, a bolt extending through the eye for fastening said means thereto, a bushing through which the bolt extends and having an



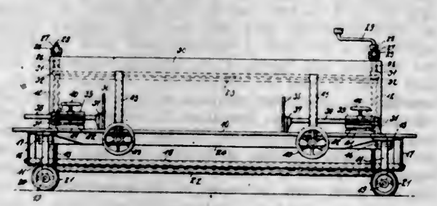
external groove for receiving and distributing lubricant, and the eye having a hole for lubricant leading to the external groove in the bushing.

1,571,762. COMBINED ASH RECEPTACLE AND CIGAR HOLDER. JOHN S. DRISCOLL, Boston, Mass. Filed Dec. 11, 1923. Serial No. 679,908. 5 Claims. (Cl. 131—51.)



1. An article of the character described comprising a box provided with a hinged lid adapted to occupy an open upstanding position; a shelf upon the inner side of said lid for supporting a cigar or the like directly above said box when the lid is in its open position; a bracket adapted to be permanently attached to a supporting fixture; means separably connecting said box and bracket, and a manually operated latch normally locking said box and bracket against separation.

1,571,763. DIMENSION STONE AND SILL MACHINE. SAMUEL R. EDMONDS, Washington, D. C. Filed June 2, 1925. Serial No. 34,437. 15 Claims. (Cl. 25—121.)



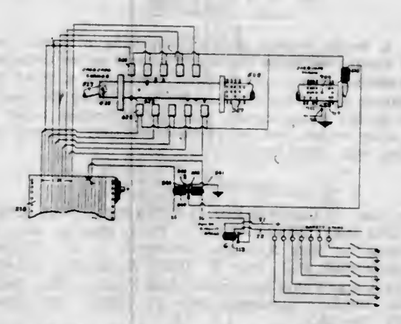
1. In a device of the kind described, a back plate having a normally horizontal upper edge, and independent means at each end of said back plate for vertically adjusting said plate whereby the upper edge thereof may be inclined relative to the horizontal.

1,571,764. CHAIN-APPLYING DEVICE. CHARLES EDWARDS, Lansford, Pa., assignor of one-fourth to Richard Harvey Grenfell and one-fourth to John F. Grenfell, Beaver Meadows, Pa. Filed May 6, 1925. Serial No. 28,441. 2 Claims. (Cl. 152—14.)



1. Means for facilitating the application of an anti-skid chain on the tire of the drive wheel of an automobile, comprising an arched spring clamp, the ends of which exert a tension toward each other, said clamp designed to be arranged over a tire of a wheel for gripping engagement with the sides of the tire, permanently fixed lateral projections providing tire gripping elements on the inner sides, adjacent to the ends of the clamp, said projections being of a length at least equalling that of the width of the clamp and means on the outer sides of the spring clamp arranged centrally and directly opposite the lateral projections for attaching the end links of the side members of an anti-skid chain to the clamp.

1,571,765. PATTERN-CHANGE MECHANISM FOR KNITTING MACHINES. WILLIAM FELS, Elizabeth, N. J., assignor to Max Nydegger, Elizabeth, N. J. Filed July 8, 1920, Serial No. 394,678. Renewed Sept. 10, 1925. 9 Claims. (Cl. 66—30.)

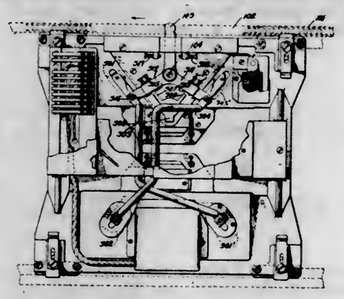


1. In a knitting machine, the combination of a needle bed having jacks slidably arranged therein and means for automatically advancing jacks from inoperative to operative needle actuating position, including a plurality of rows of jack advancing members mounted on a rotatable carrier, means for arresting rotation of said carrier to selectively position any one of said rows opposite the jacks independently of the relative positions of said rows on the carrier, and means for moving said carrier toward the jacks.

1,571,766. CAM MECHANISM FOR KNITTING MACHINES. WILLIAM FELS, Elberta, Ala., assignor to Max Nydegger, Elizabeth, N. J. Original application filed July 8, 1920, Serial No. 394,678. Divided and this application filed Aug. 31, 1921, Serial No. 497,233. Renewed July 11, 1925. 15 Claims. (Cl. 66—29.)

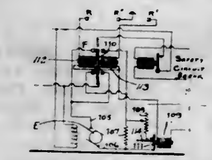
1. Cam mechanism for knitting machines having a cam carrier and reciprocating carrier actuating means, com-

prising cams slidably mounted on said carrier, and cam moving means including a rocking member secured to



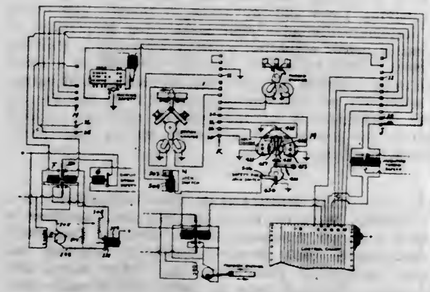
said cams and actuated by the reciprocating carrier actuating means.

1,571,767. MOTOR-CONTROL SYSTEM. WILLIAM FELS, Elberta, Ala., assignor to Max Nydegger, Elizabeth, N. J. Original application filed July 8, 1920, Serial No. 394,678. Divided and this application filed Sept. 3, 1921, Serial No. 498,309. Renewed Dec. 7, 1925. 6 Claims. (Cl. 172—240.)



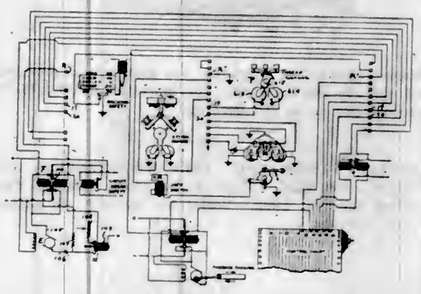
1. A motor control system comprising a motor, current control means in the circuit of said motor including a reversing switch and variable resistance, a relay for actuating the switch and a relay for varying the resistance in the motor circuit, both of said relays being in the same circuit, and means for alternately opening and closing said relay circuit.

1,571,768. CAM-CONTROL MECHANISM FOR KNITTING MACHINES. WILLIAM FELS, Elberta, Ala., assignor to Max Nydegger, Elizabeth, N. J. Original application filed July 8, 1920, Serial No. 394,678. Divided and this application filed Sept. 3, 1921, Serial No. 498,311. Renewed July 21, 1925. 10 Claims. (Cl. 66—28.)



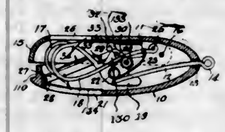
7. Cam control mechanism for knitting machines having a reciprocating cam carriage, comprising a cam actuating member on said carriage, means for operatively moving said member including an armature, a magnetic circuit, and means for closing said circuit at the end of a run of the carriage to effectively move the armature.

1,571,769. SELECTIVE-THREAD-CHANGE MECHANISM FOR KNITTING MACHINES. WILLIAM FELS, Elberta, Ala., assignor to Max Nydegger, Elizabeth, N. J. Original application filed July 8, 1920, Serial No. 394,678. Divided and this application filed Sept. 3, 1921, Serial No. 498,312. Renewed July 21, 1925. 9 Claims. (Cl. 66—12.)



4. In a knitting machine, the combination of a reciprocatable cam carriage, a plurality of thread carriers, carrier engaging members on the carriage, means at the end of each run for moving said carrier engaging members out of carrier engaging position and a selectively operated detent on the carriage for retaining some of said members in disengaged position.

1,571,770. ARTIFICIAL BAIT. GEORGE E. FENNER, Oxford, Wis. Filed Apr. 2, 1925. Serial No. 20,235. 2 Claims. (Cl. 43—36.)

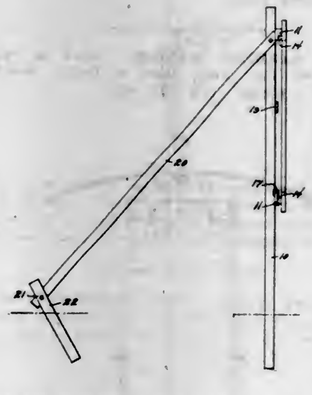


1. In an artificial bait, a housing comprising a body and a section pivoted to the body to collapse or expand the housing, a hook pivoted to the body, the body having an opening through which the hook may pass to an outer exposed position for engaging in a fish taking the bait or to a position within the housing, an element pivotally connected with said hook and adapted to connect with a fish line, a spring-pressed lever pivoted to the housing and having a slot-and-pin connection with said hook, a cam on the pivoted housing section, a member on said lever in contact with said cam and adapted to ride along the same for releasing said hook, and a second hook pivoted to the housing, the pivoted housing section having an opening through which said second hook may be projected, and a spring connecting the first hook with the shank of the second hook.

1,571,771. SIGN. FRANK H. FISCHER, Atlantic City, N. J. Filed Oct. 2, 1925. Serial No. 60,098. 5 Claims. (Cl. 40—64.)

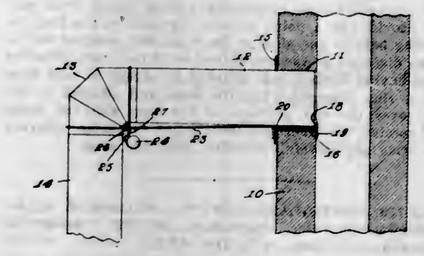
1. A device of the character described comprising an easel including spaced supporting legs and spaced upper

and lower parallel rails, a frame having its top and bottom members secured to said rails and spaced from



the legs and a display panel removably positioned between the legs and frame.

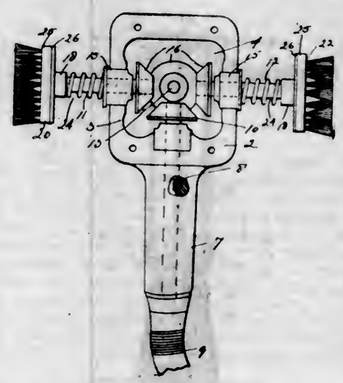
1,571,772. STOVEPIPE FASTENER. JOHN M. FISHER, Salt Lake City, Utah. Filed Dec. 31, 1924. Serial No. 759,130. 2 Claims. (Cl. 126—318.)



1. The combination with a flue wall having an opening therein, of a pipe section entering said opening, an elbow connected with the pipe section, a retaining device engaging the inner end of the pipe section and engaging the inner surface of the flue adjacent to the opening for the pipe, an apertured angle element alongside of the pipe and projecting outwardly through the flue opening, one arm of the angle element acting to prevent said element from being drawn into the flue, and a tension element connecting the retaining device with the angle element, passing through the opening, and secured to the elbow.

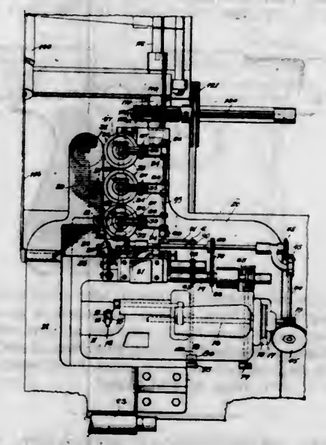
1,571,773. PORTABLE SHOE-POLISHING MACHINE. HAROLD H. FORCE, Philadelphia, Pa. Filed Jan. 9, 1924. Serial No. 685,094. 2 Claims. (Cl. 15—28.)

1. A portable shoe polishing machine comprising a frame open at two opposite sides, a handle for said frame, plates normally closing the open sides of the frame, a power shaft journalled in the frame and handle, a friction gear on the inner end of said power shaft and housed within the frame, a pair of spindles slidably and revolubly mounted in two opposite sides of the frame in endwise alignment, another pair of spindles slidably and revolubly mounted in the plates, in endwise alignment, friction gears fixed to the inner ends of said spindles for engagement with the power shaft gear when the spindles are forced inward, springs for normally forcing said spindles outward, a detergent device for



each of said spindles, and means for removably mounting said detergent devices on the outer ends of said spindles.

1,571,774. MACHINE FOR FORMING TUBULAR FABRICS. PERCY GARDNER, East Orange, N. J., assignor to H. M. Bunker & Company, Inc., New York, N. Y., a Corporation of New York. Filed Sept. 19, 1925. Serial No. 57,416. 15 Claims. (Cl. 112—2.)



1. A machine for forming tubular materials from a strip comprising, in combination, means for joining the edges by a stitched seam, means for applying an adhesive to the free edges of the seam, and means for opening up and securing the free edges of the seam against the body of the strip.

1,571,775. DISPENSING DEVICE. BERNARD J. GARRIS, Wilmington, Del., assignor of one-half to Leo Samel, South Stirling, N. J. Filed MAY. 18, 1925. Serial No. 15,290. 1 Claim. (Cl. 221—79.)

A device of the character described, comprising a cylindrical body open at both ends, end caps internally threaded into the body, a screw journaled in one of the caps and having a spout forming a continuation thereof,

said screw having a lateral by-path in its inner end registering with said spout, a follower threaded on the screw and slidably engaged with said body to prevent rotation, a head telescoped over the body and having connection with the screw for the manual turning thereof, and a collar encircling the spout at the point of joinder thereof with the screw.

1,571,776. MAGAZINE FOR FIREARMS. JOHN E. GLASER, East Hartford, Conn. Filed June 28, 1922. Serial No. 571,525. 5 Claims. (Cl. 42—50.)



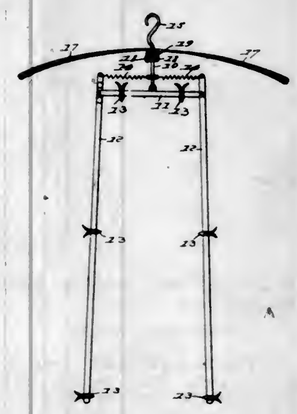
1. A firearm magazine follower bent from sheet metal and comprising a floor, a flange arranged at an angle to said floor, and a breech-bolt retainer of less width than said flange and projecting as an extension therefrom and with its flat surface on both sides flush with the flat surface of both sides of said flange.

1,571,777. CIRCLE-WORKING IMPLEMENT. CHARLES FREMONT GOLDEN, Denver, Ind. Filed Apr. 24, 1925. Serial No. 25,660. 2 Claims. (Cl. 33—27.)



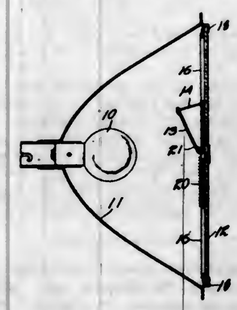
1. A device of the class described comprising a suction cup having a headed screw embedded in the apex thereof and extending outwardly, a post or plunger having threaded engagement with said screw, a cup-shaped hub encompassing a portion of said cup and plunger, an arm extending radially from said hub, a beam fixedly secured to said arm and provided with a scale having a plurality of apertures registering with the graduations of said scale, and means for holding said hub frictionally engaged with said cup.

1,571,778. GARMENT HANGER. ALVA M. RIFFLE, Queens, W. Va. Filed Mar. 9, 1922. Serial No. 542,390. 1 Claim. (Cl. 223—63.)



A garment hanger comprising a stem formed from wire and provided at a point between its ends with a loop extending beyond one side of the stem and merging into a hump disposed at the opposite side of the stem, shoulder arms having hooked ends adapted to engage in said loop, and a ring mounted upon the stem and adapted to engage over the end portions of the loop and the hump and receive the inner end portions of the arms, whereby the arms are loosely connected with the stem.

1,571,779. ANTIGLARE DEVICE. WILLIAM S. ALLEN, Birmingham, Ala. Filed Sept. 19, 1925. Serial No. 57,435. 8 Claims. (Cl. 240—48.4.)



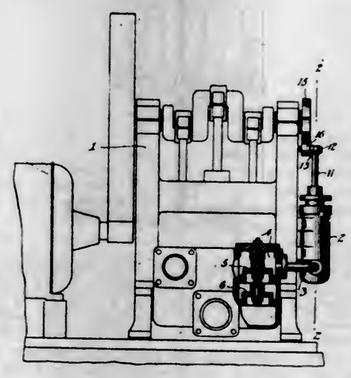
1. An anti-glare device for headlights comprising a colored translucent disk of thin material folded along its diameter rearwardly upon itself and adapted to be supported adjacent the central portion of the lens of the headlight in inverted position with one wing of the disk substantially parallel to the lens and the other wing extending to the lens and the other wing extending at an angle thereto, and means for supporting said disk, substantially as set forth.

1,571,780. COLLAR BUTTON. JOHN F. AHRENS, Brooklyn, N. Y. Filed Oct. 2, 1925. Serial No. 60,083. 5 Claims. (Cl. 24—90.5.)



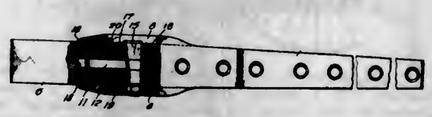
1. A collar button which comprises a base, a shank pivoted thereto, a head on said shank, fabric-engaging means on the base adapted to be disposed closely adjacent to the head when the shank lies flat against the base.

1,571,781. COMPENSATING DEVICE FOR PUMPS. ROSCOE HILTON ALDRICH, Allentown, Pa. Filed Dec. 22, 1924. Serial No. 757,550. 5 Claims. (Cl. 103—11.)



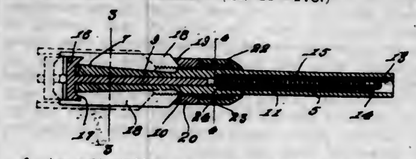
1. A compensating device for pumps, comprising a compensating cylinder, a plunger extending into said cylinder, means for connecting one end of said cylinder to the discharge of the pump, a cam for causing said plunger to move into the compensating cylinder at the proper time for increasing the flow from said pump to maintain said flow substantially at its vertical discharge point.

1,571,782. DIPPER TOOTH. CHARLES B. ANDREWS, High Bridge, N. J., assignor to Taylor-Wharton Iron and Steel Company, High Bridge, N. J., a Corporation of New Jersey. Filed Feb. 14, 1925. Serial No. 9,230. 16 Claims. (Cl. 37—142.)



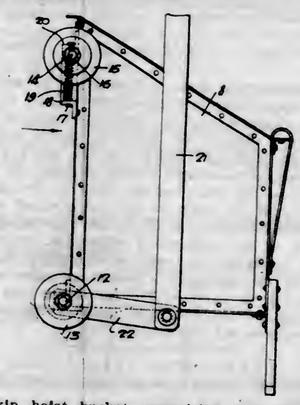
1. A dipper tooth embodying a base bifurcated for the reception of a point, a point capable of reversal thereon, and means for tightening the point, the point and base having relative clearance at the extreme nose portion of the base for the purpose and with the result of insuring correct seating of the point in response to tightening effort.

1,571,783. ADJUSTABLE GAUGE. JAMES ROY AULENBACK, Worcester, Mass. Filed Feb. 16, 1925. Serial No. 9,001. 2 Claims. (Cl. 33—178.)



1. An adjustable gauge comprising a shank, having one end tapered from a point intermediate its ends to its outer end and further provided with grooves extending longitudinally of the shank and inclined to the axis thereof, a series of blades adjustable in the grooves and having notches at their outer ends, adjusting elements threaded on the shank and having one end bearing against the inner ends of the blades, a longitudinally movable rod slidably carried by the shank, a head carried thereby and engaging the outer ends of the blades and an expansible coil spring normally urging the rod in a direction to cause the head to engage the blades.

1,571,784. SKIP-HOIST BUCKET. ROBERT H. BEAUMONT, Radnor, Pa., assignor to R. H. Beaumont Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 19, 1921. Serial No. 470,753. 3 Claims. (Cl. 105—224.)



1. A skip hoist bucket comprising a body, an axle, means for securing the axle to the body against movement in all directions except one and yieldable means for resisting the movement of the axle in the direction in which it is free to move.

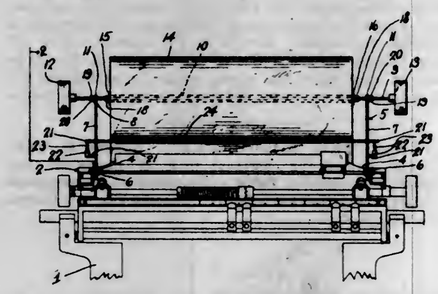
1,571,785. HEATING AND VENTILATING APPARATUS. PRESTON BELVIN, Richmond, Va. Filed June 1, 1925. Serial No. 34,134. 1 Claim. (Cl. 126—67.)



In a structure of the character described, a stove including a body having fire-box and ash pit doors and means to support the body in spaced relation to a floor, a drum disposed about said stove in spaced relation

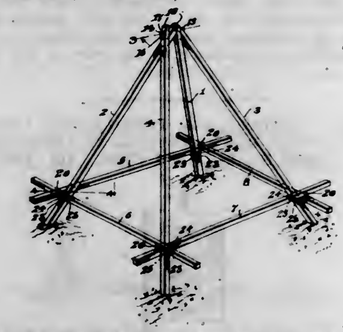
thereto and open at its top and of a height to extend above the stove, said drum having an opening formed therein of a size to expose the portion of the stove provided with the fire-box and ash pit doors, plates extending inwardly from the sides of said opening in converging relation to each other and having close fitting engagement with the stove, and plates extending inwardly from the upper and lower ends of said opening and respectively having close fitting engagement with the stove above the fire-box door and below the ash pit door, the side plates constituting reflectors for directing heat outwardly from the stove.

1,571,786. ROLL-HOLDING ATTACHMENT. RAYMOND A. BIRMINGHAM, Buena Vista, Va., assignor of one-half to George Fred Baker, Lexington, Va. Filed Jan. 15, 1924. Serial No. 686,360. 1 Claim. (Cl. 197—133.)



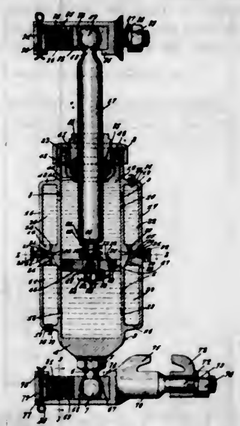
The combination with a typewriter or similar machine, of spaced uprights adjustably secured to the rear of the carriage thereof, a shaft journaled in bearings at the upper ends of the uprights, means securing the shaft in the bearings, means on the shaft preventing the longitudinal movement thereof through the bearings, knurled operating disks on the ends of the shaft, said shaft designed to have wound therearound a roll of paper which is to be fed to the platen roll of the machine and to be typed upon, adjustable means on the shaft for engaging the ends of the paper roll, a bar slidable on the uprights, a socket on each upright, a coiled spring in each socket contacting the ends of the bar for forcing the same against the paper roll, for the purpose set forth.

1,571,787. HAY-STACKING FRAME. ALLEN BRADLEY, Herndon, Va. Filed June 24, 1925. Serial No. 39,298. 3 Claims. (Cl. 130—20.)



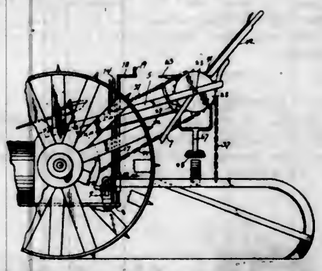
1. A foldable hay stacking frame comprising two pair of upstanding foldable supporting bars extendible at an inclination to the vertical, and pivotally connected together at their upper ends, a foldable brace bar pivotally connected at a point in proximity to one end thereof to a supporting bar in proximity to the lower end of the latter and shiftable to extend horizontally when the supporting bar is extended, said brace bars arranged exteriorly of the supporting bars and of a length to project laterally therefrom when the supporting bars are extended, each of said brace bars when shifted to a horizontal position having its free end seating on and supported by the pivoted end of an adjacent brace bar, and means carried by said brace bars for maintaining the non-pivoted ends thereof against the supporting bars when these latter are extended.

1,571,788. SHOCK ABSORBER. ANDREW J. BRAMLETTE, Jr., Huntington Park, Calif., assignor of one-third to J. C. Craig, Los Angeles, Calif. Filed Apr. 23, 1925. Serial No. 25,337. 8 Claims. (Cl. 188—88.)



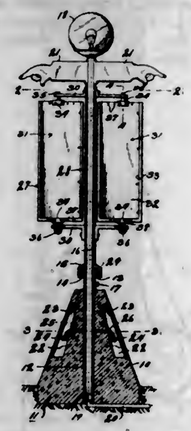
1. In a shock absorber of the fluid displacement type, a fluid displacing element comprising a piston rod having a reduced inner end providing a shoulder, a piston head slidably mounted on said inner end and provided with ports for the passage of the fluid, reversely acting valves controlling said ports, and resilient means on said rod between said shoulder and head for cushioning the latter.

1,571,789. HOISTING DEVICE. CHARLES C. BUSSINGER, Modesto, Calif. Filed Mar. 9, 1925. Serial No. 14,217. 2 Claims. (Cl. 97—50.)



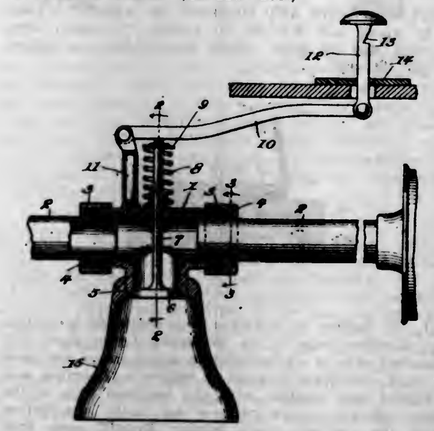
1. In a device of the character described, the combination with a tractor and a cultivator, of a frame secured to said tractor, a shaft rotatably mounted in said frame and adapted to raise the cultivator when said shaft is rotated, a sprocket mounted on said shaft, a sprocket mounted on said tractor, a chain extending between said sprockets, a clutch adapted to engage said sprocket, spring means adapted to normally cause said clutch to engage said sprocket, a latch for retaining said clutch out of engagement with said sprocket, means for releasing said latch, and a yoke adapted to be moved by said cultivator when said cultivator is raised so as to return said clutch to its latch position.

1,571,790. TRAFFIC INDICATOR AND ADVERTISING SIGN. ANDREW B. CAMDEN, Durant, Okla., assignor to Joseph W. Allen and S. H. Allen, both of Temple, Tex. Filed Oct. 21, 1924. Serial No. 744,977. 1 Claim. (Cl. 40—39.)



In a device of the character described, a base formed in its outer face to define chambers, transparent panes covering said chambers, incandescent lamps mounted within said chambers, a tubular member secured stationarily within said base in upright position and provided with a bearing at its upper end, a tubular conduit stationarily mounted through said tubular member and projecting thereabove, an incandescent lamp carried by said second-named tubular member, said member having feed wires extending therethrough for all of said lamps and a rotatable windwheel journally mounted on said second named tubular member and having a bearing seating upon said first named bearing.

1,571,791. CUT-OUT. MAC ALBERT CAMPBELL, Knoxville, Tenn. Filed Apr. 12, 1924. Serial No. 706,179. 1 Claim. (Cl. 116—138.)



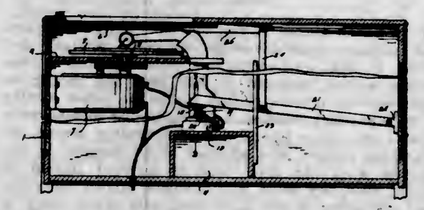
A cut-out for a motor vehicle comprising a casting having screw threaded ends, threaded caps engaging the ends for holding the casting to the exhaust pipes of a vehicle, packing rings engaged by the caps, a spring pressed valve for closing the exhaust of the casting, a foot lever pivoted to a part on the casting and having a part resting on the top of the valve stem for opening the valve and a bell-shaped member connected with the outlet of the casting.

1,571,792. LAUNDRY-MARKING TAG. CHESTER W. CANINE, Norwood, Ohio. Filed Apr. 19, 1921. Serial No. 462,565. 7 Claims. (Cl. 40—2.)



1. A marking tag, comprising essentially strips of tape mounted upon opposed faces of an article to be identified and fastened together through the article by suitable fastening passing through the tape and the article, whereby the strips may be torn apart with the strain of the fastening confined to the tape and leaving the interlying article free.

1,571,793. COIN-CONTROLLED PHONOGRAPH. JACEY S. MAXFIELD, Grand Saline, Tex. Filed Feb. 14, 1924. Serial No. 692,817. 5 Claims. (Cl. 194—15.)

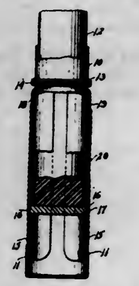


1. In a structure of the character described, an electric controlling switch, a member manually movable toward and from said switch, a coin actuated member adapted to be shifted by the insertion of a coin into operative relation to the switch and in the path of movement of said manually operable means to thereby cause the actuation of the switch, upon the engagement of the manually operable means therewith; and means permitting the displacement of the coin from engagement with said coin actuated member when said member has been engaged by said actuating member.

1,571,794. HOLDER. EDWARD H. PINKHAM, North Andover, Mass. Filed Mar. 12, 1925. Serial No. 15,124. 2 Claims. (Cl. 206—56.)

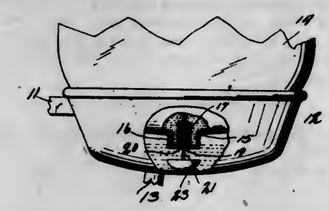
1. In combination, a container having threads, a shaving stick holder including relatively movable resilient portions adapted to be wholly positioned within the container, and a tubular portion projecting therefrom, and an annular groove at the point of juncture between the tubular portion and the relatively movable portion, and upper end of said container being fitted to

said groove, whereby said parts are rotatably associated, a follower arranged to align within the holder and upon which said stick reposes, and means associating



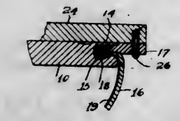
the follower with the threads on the container, whereby the follower is operated incident to the rotation of the container with relation to the holder.

1,571,795. AUTOMATIC FEED VALVE FOR OIL STOVES. GRADY A. POSS, Augusta, Ga. Filed June 4, 1925. Serial No. 34,960. 2 Claims. (Cl. 158—41.)



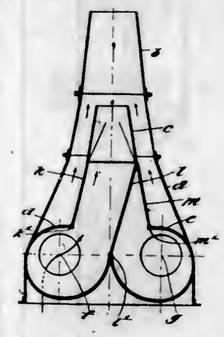
1. In an oil burner of the character described, a sub-tank, a main tank invertible upon the sub-tank and having a neck surrounding an outlet opening, a supporting member mounted in said neck and having an outlet opening, a valve seating within the outlet opening of the supporting member, a spring urging said valve to its seat, the valve having a stem extending beyond the supporting member and adapted to be engaged by the sub-tank when the main tank is inverted therein to thereby open the valve, and a shield carried upon the lower extremity of the valve stem, said shield being in the form of a cup having an area approximately equal to that of the outlet opening of the main tank to thereby receive oil flowing from said outlet opening and detain foreign matter contained within the oil.

1,571,796. SHOE AND METHOD OF MAKING. JOHN D. PRICE, Cleveland, Ohio, assignor to Drake Process, Incorporated, Wilmington, Del., a Corporation of Delaware. Filed Feb. 25, 1922. Serial No. 539,130. 3 Claims. (Cl. 36—17.)



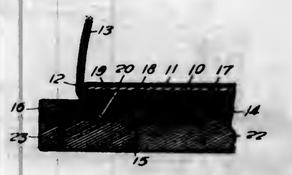
2. A shoe comprising an insole of relatively non-yielding material initially conformed to support all parts of the foot and having a peripheral rabbet, an upper having its marginal edge seated within the rabbet, a shackle bearing upon the marginal edge of the upper, and an integral part of said insole clamped over and binding the margin of the upper and the shackle.

1,571,797. MEANS FOR PRODUCING MECHANICAL DRAFTS. GEORGES JULES ARMAND LOUIS PRAT, Paris, France. Filed Feb. 28, 1924. Serial No. 695,870. 2 Claims. (Cl. 162—4.)



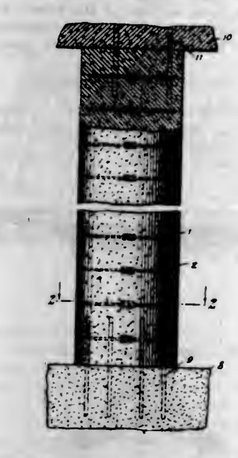
1. In a plant for working with mechanical draft, the combination of a chamber, an inlet passage for smoke or the like to the said chamber, a chimney leading from the said chamber, two rotary fans mounted within the said chamber, casings to the said fans such casings being provided with a perforation, outlets from the said casings to the chamber, the said outlets opening contiguous to one another, a nozzle located in the axis of the chimney and leaving a space between its outer wall and the inner surface of the chimney and three pivoted shutters, one of which is mounted upon a pivot between the outlets of the fans and the other two of which are pivoted respectively to the other sides of the said outlet, for the purposes set forth.

1,571,798. SHOE AND METHOD OF MAKING. JOHN D. PRICE and WALTER H. DRAKE, Cleveland, Ohio. Filed May 29, 1924. Serial No. 716,653. 4 Claims. (Cl. 36—19.)



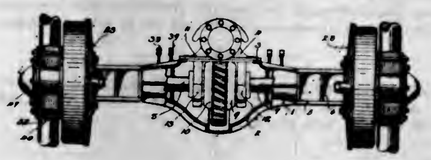
1. The method of making a shoe consisting in folding the marginal edge of an insulating fabric about the marginal edge of an imperforate sole member composed of rigid material attenuated to resiliency, inserting said marginal edge together with the marginal edge of the upper between spaced parts of an insole organization with the resilient plate resting directly upon said organization and inserting penetrating members at an inclination through said insole organization, the inserted edges of said insulating fabric and upper, and clinching by impingement against the under side of said resilient sole member.

1,571,799. CONCRETE COLUMN. AUSTIN H. REEVES, Newark, N. J. Filed Feb. 16, 1923. Serial No. 619,470. 2 Claims. (Cl. 72—76.)



2. A concrete column, comprising a concrete body having reinforcing members disposed horizontally in spaced relation to one another throughout the height of the column, each reinforcing member comprising a ring having a plurality of radial arms and wires connecting the arms together.

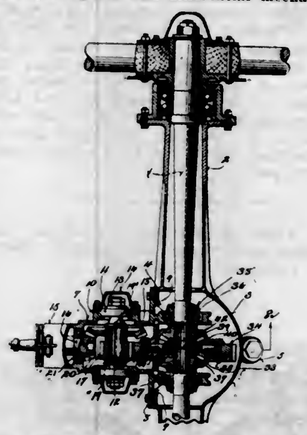
1,571,800. REAR-AXLE ASSEMBLY. WILLARD F. ROCKWELL, Oshkosh, Wis. Filed Sept. 18, 1922. Serial No. 588,926. 2 Claims. (Cl. 74—99.)



1. An axle comprising a load carrying housing; a pair of wheel driving shafts supported in said housing; and differential drive mechanisms for said wheel driving shafts supported in gear housings interchangeably fitting said load carrying housing; one of said drive mechanisms comprising a worm driven differential reduction mechanism and another of said drive mechanisms comprising a spur gear driven differential reduction mechanism.

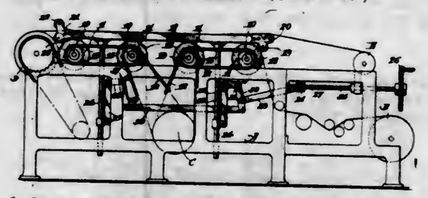
1,571,801. DOUBLE-REDUCTION BUS AXLE. WILLARD F. ROCKWELL, Oshkosh, Wis. Filed Oct. 4, 1924. Serial No. 741,698. 2 Claims. (Cl. 74—99.)

1. An axle comprising a load carrying housing; a pair of axially aligned wheel driving shafts journaled in said housing; a securing and locating section formed on said housing adjacent the inner ends of said wheel driving shafts with an exterior locating surface in a plane substantially parallel to the axes of said shafts; a primary driving shaft; a gear housing in which said primary drive shaft is journalled; a locating section on said gear housing shaped to fit said first mentioned locating section and provided with an exterior locating surface substantially perpendicular to the axis of said primary driving shaft and adapted to abut against said first mentioned locating surface to locate said primary driving shaft with relation to said wheel driving shafts; a differential drive mechanism for said wheel driving shafts supported from and located by said gear housing; and reduction gearing for said differential mechanism driven



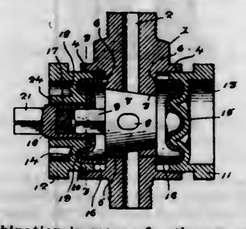
by said primary driving shaft supported within said gear housing comprising an intermediate shaft interposed between said locating surfaces and said primary driving shaft.

1,571,802. TEXTILE-FINISHING MACHINE. FREDERICK W. P. ROSE, Clifton, and CHRISTIAN WERNER, Passaic, N. J., assignors to Werner & Company, Inc., a Corporation of New Jersey. Filed Dec. 15, 1924. Serial No. 756,025. 6 Claims. (Cl. 26—27.)



1. In a machine for finishing textile materials to impart a natural luster to the same after the dyeing and drying operations, a series of rotating members over which the material is tangentially fed, each of said members including laterally spaced transversely flexible elements of substantially uniform thickness with which the material engages.

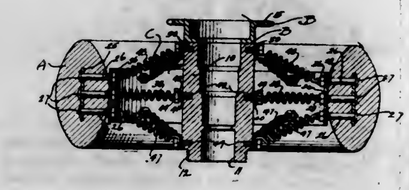
1,571,803. COCK AND VALVE PACKING. JOHN F. RUSSELL, New York, N. Y. Filed Nov. 3, 1924. Serial No. 747,609. 2 Claims. (Cl. 251—103.)



1. The combination in means for the purpose described, of a body having a valve seat and a bore intersecting said valve seat and also having grooves about the ends of said valve seat, a valve disposed in said seat and tapered

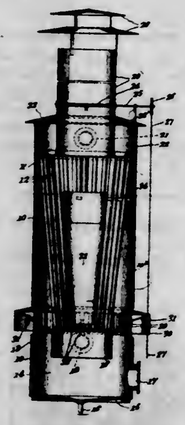
and having an elongated aperture and also having a stem of angular cross-section, closure plugs connected with the body in opposed relation to the ends of the valve seat and having inner corrugated surfaces, one of said plugs also having a central bore receiving the stem of the valve, a corrugated metallic packing member backed by one of said plugs and having a marginal flange disposed in one groove of the body, and a corrugated packing member backed by the other closure plug and having a marginal flange in the other groove of the body and also having a hollow stem receiving the angular stem of the valve and arranged and adapted to be turned in the bore of the closure plug.

1,571,804. VEHICLE WHEEL. JERÓNIMO SAMSON, Pasay, Rizal, P. I. Filed Jan. 8, 1924. Serial No. 685,047. 6 Claims. (Cl. 152—29.)



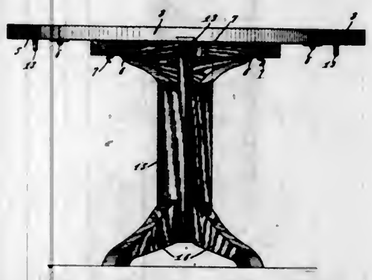
2. A resilient wheel comprising a solid rubber tire, a metal band flexible in character embedded in the rubber tire, bolts carried by said metal band extending radially inwardly through the tire and having exposed shank ends at the inner periphery of said tire, a hub portion, and spring means connecting the inwardly extending ends of said bolts to the hub portion for resiliently supporting the hub portion from the tire.

1,571,805. FRACTIONATING TOWER. FRANK BERNETTE SAMUEL, Baton Rouge, La. Filed Apr. 17, 1924. Serial No. 707,193. 4 Claims. (Cl. 257—36.)



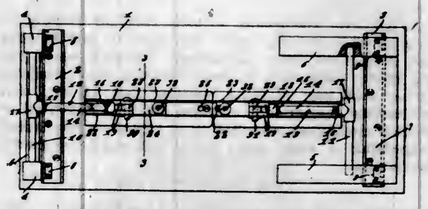
1. In a fractionating tower, a vertical, insulated, non-heat radiating body portion having depending flues therein, means for directing vapor into the upper ends of said flues, means for collecting condensate from the lower ends of the flues, means for carrying off the resultant vapor in a dry or condensate free state from the lower ends of the flues, means for directing an induced draft of air uniformly upward about said flues for their entire length for cooling and condensing part of the vapor therein, means for preventing loss of heat by radiation through the outer body surface of the tower, and means for varying or maintaining any desired temperature drop within the tower irrespective of weather conditions, or seasonal changes.

1,571,806. CONVERTIBLE TABLE. CHARLES J. SCHMITT, Algoma, Wis. Filed Nov. 29, 1924. Serial No. 752,960. 2 Claims. (Cl. 45—9.)



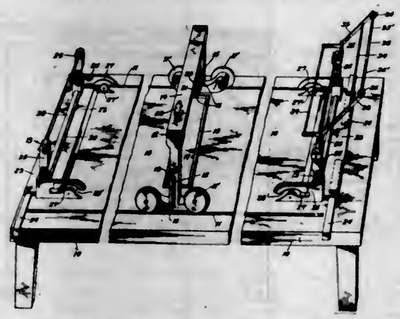
1. A convertible table comprising a top formed of a stationary body portion and a series of extensible sections hinged at the edges of the body portion, said body portion and sections having their lower faces provided with grooves registering when the sections are extended, and locking members slidably connected in the grooves of said body portion and shiftable into the grooves of said sections to slidably connect therewith for maintaining them extended with respect to said body portion, and said locking members having means intermediate their ends engaging into said sections for retaining said members from movement when said sections are in folded position.

1,571,807. FOLDING TABLE. CHARLES J. SCHMITT, Algoma, Wis. Filed Mar. 18, 1925. Serial No. 16,488. 2 Claims. (Cl. 45—11.)



1. A folding table comprising a top, two pairs of end legs, means for coupling each pair of legs together, a pair of cleats secured to the inner face of said top, means for hinging the legs of each pair at a point removed from their upper ends to the lower face of a cleat, a pair of slidable oppositely movable combined guide and coupling blocks, means arranged at the longitudinal center of the inner face of said top for slidably connecting said blocks thereto, oppositely extending combined brace and coupling elements pivotally connected to said legs, means depending from said blocks for pivotally connecting said elements therewith, and latching devices carried by said blocks and coacting with said first mentioned connecting means for maintaining the legs extended and locked when folded.

1,571,808. CLOTH-LAYING MACHINE. HARRY SCHWARTZMAN, New York, N. Y. Filed Feb. 21, 1925. Serial No. 10,923. 10 Claims. (Cl. 270—30.)



1. A machine of the class described including a table, a carriage movable thereover, a cloth laying and folding member supported by said carriage, spaced clamping means, and coacting means operable for rotating said member prior to the limit of movement of said carriage in opposite directions, to form a fold in the cloth for engagement by said clamping means.

1,571,809. COMMUTATION RAILROAD TICKET. ARTHUR J. SHAUERS, Haverhill, Mass. Filed Mar. 27, 1922. Serial No. 547,041. 1 Claim. (Cl. 283—26.)

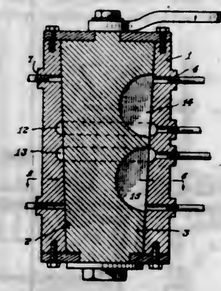


A commutation ticket comprising a sheet of material bearing identification means relating to the holder and bearing matter relating to the issuer, said ticket being provided along its longitudinal edges and at one end with a double row of squares, the squares of both rows being inscribed at one end with the names of the month, certain other of the squares being inscribed with indicia indicating the sex of the holder, which last named squares are adapted to be punched out, certain other squares being inscribed with numerals arranging from zero to nine and adapted to be punched out in multiple to indicate the date, and the remaining squares being inscribed with numerals corresponding to the number of rides for which the ticket is issued and adapted to be punched as the rides are taken, one end of the ticket being formed as an envelope adapted to receive a photograph of the holder and provided with an opening exposing the photograph, a signature line being provided beneath the opening for the signature of the holder.

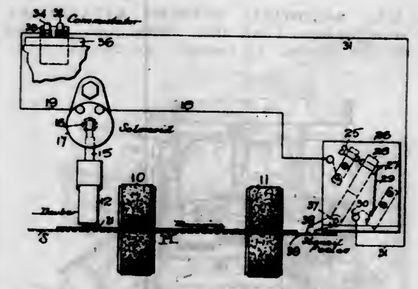
1,571,810. VALVE. ROY S. SHIMP, Penns Grove, N. J. Filed Mar. 27, 1925. Serial No. 18,856. 3 Claims. (Cl. 251—107.)

1. In a valve, a casing provided with longitudinally spaced inlets and with a pair of outlet openings positioned intermediate said inlet openings, a rotary valve plug within said casing and provided with a pair of substantially semi-cylindrical cut-out portions to establish communication between the respective inlets and said outlets.

3. In a valve, a valve casing provided with a plurality of inlet openings spaced upon opposite sides of the transverse center of the casing, and provided with a pair of outlet openings positioned in close proximity to the transverse center of the casing, said casing provided with annular grooves the inner surfaces of which communicate with said outlet openings, and a rotary valve plug within said casing having a pair of substantially semi-cylindrical cut-out portions adapted to establish communication between the inlets and said grooves.



1,571,811. ROUTE MARKER FOR ADDRESSING MACHINES. EDWIN R. SMITH, Fitchburg, Mass., assignor to Auto-Mailing Machinery Company, a Corporation of Massachusetts. Filed July 28, 1922. Serial No. 578,183. 5 Claims. (Cl. 101—58.)

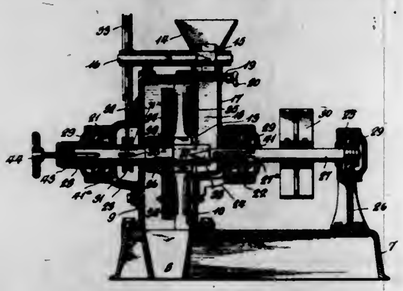


1. A route marker comprising a marking device, an electrical operating mechanism therefor including a circuit for the operating current, a normally closed contact device in said circuit opened by engagement with a regular stencil and remaining closed during the printing interval on the presentation thereto of a stencil having special provision to indicate the end of a route, a second and normally open contact device in said circuit in series with said first device, and means to close said second contact device during the printing interval.

1,571,812. GRINDING MILL. SIMON SNYDER, Muncy, Pa., assignor to Sprout, Waldron & Co., Muncy, Pa., a Corporation of Pennsylvania. Filed Mar. 28, 1923. Serial No. 628,368. 12 Claims. (Cl. 83—8.)

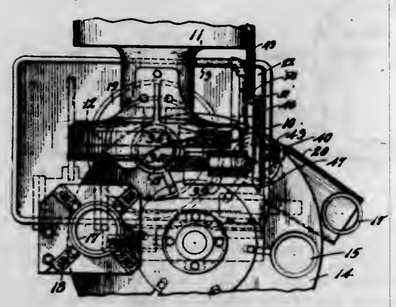
1. The combination, in an attrition mill, of a casing for the grinder composed of two members, one removably secured to the other and to a supporting base, and each having an open-ended bearing box supported on the outer side thereof, an annular anti-friction bearing in each of said boxes including a sleeve on the grinder shaft rotatable therewith and carrying the rotatable member of the bearing, a third bearing mounted on said base in alinement with the first named bearings, a sectional shaft journaled in said bearings, the section

carried by the removable casing member projecting through the fixed casing member into the bearing box carried by the latter member, and the other section having one end journaled in said third bearing and the other end fitted in the sleeve within the bearing box carried by said fixed casing member, and means on the adjacent ends of said shaft sections within the sleeve



thereon whereby both shaft sections and the sleeve are caused to rotate together while permitting a limited longitudinal movement of the shaft section which extends through the casing and adapting it to be disconnected and removed with the removable casing member without disturbing the fixed casing member and the parts associated therewith.

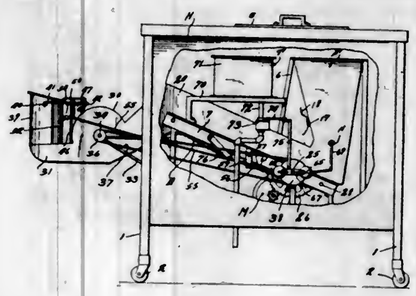
1,571,813. AUTOMATIC BURRING ATTACHMENT. ALFRED L. SOVA, Flint, Mich. Filed Apr. 30, 1925. Serial No. 27,096. 14 Claims. (Cl. 29—38.)



1. The combination with a surface grinding machine comprising a metal working wheel and work holder, means for effecting a relative feeding movement between the work and wheel, of a tool disposed to engage the work in said holder during the grinding operation, and means controlled by said feeding movement to automatically actuate said tool into operative position.

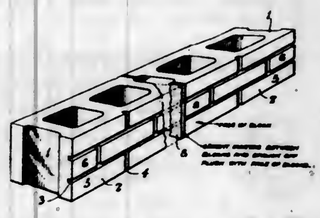
1,571,814. FEEDING DEVICE. CHARLES C. STEWART, Detroit, Mich. Filed June 2, 1925. Serial No. 34,449. 8 Claims. (Cl. 119—56.)

4. A feeding device comprising, in combination, a hollow member having an opening, a door for closing said opening, a supply hopper, means for forcibly discharging feed within the hollow member to be broadcasted through the opening when the door is in open position, means for carrying the feed from the hopper to said first named means, means for maintaining the door in open position when the second named means is in operation, a pipe leading from a water supply, a normally closed valve interposed therein, and an



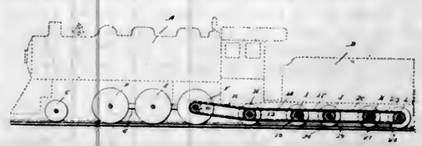
operative connection between said valve and the last named means for maintaining said valve in open position when the second named means is in operation.

1,571,815. IMITATION BRICK CONCRETE WALL AND PROCESS OR METHOD OF LAYING IT. MARION F. STOUT, Fort Thomas, Ky. Filed June 17, 1925. Serial No. 37,721. 3 Claims. (Cl. 72—36.)



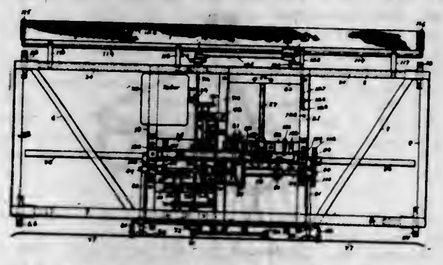
1. The herein described process of forming a concrete block wall which consists in first taking a plurality of concrete building blocks each having its face formed in imitation of a plurality of whole bricks in natural color cement and half bricks then laying up said blocks with mortar joints therebetween, then raking out the surface mortar of said joints except between said imitation half bricks of the adjacent blocks, and then giving face of said wall a coating of colored liquid cement.

1,571,816. POWER TRANSMISSION FOR TRAINS. ALBERT SUGDEN, Stratford, Ontario, Canada. Filed Sept. 13, 1923, Serial No. 662,503. Renewed May 27, 1925. 1 Claim. (Cl. 105—98.)



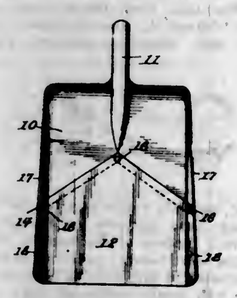
In a locomotive and tender having a drive axle, a sprocket on the shaft of the locomotive wheels mounted beneath the fire box, a sprocket on the drive axle, a chain trained about both sprockets, drive connections between all the axles of the tender and a drive connection between the axle of the wheels below the fire box and the adjacent axle of the tender.

1,571,817. CONCRETE-FINISHING MACHINE. WILLIAM WALTER SWHIER, Portland, Ind. Filed May 22, 1923. Serial No. 640,790. 2 Claims. (Cl. 94—48.)



1. In a machine for finishing concrete roadways comprising in combination with a frame and a motor mounted on the frame, a strike-off blade carried by the frame, means for imparting alternate forward movements to the ends of the blade, and means for simultaneous bodily movement thereof longitudinally of the blade in addition to the regular forward movement of the frame, nd means for connecting said blade whereby said movement will be maintained by the operation of said motor.

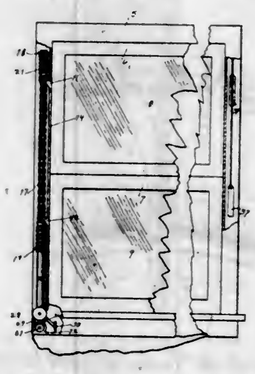
1,571,818. RENEWABLE SHOVEL. ALFRED L. TERNAN and EVEN OLSON, Quartzburg, Idaho. Filed May 12, 1924. Serial No. 712,782. 1 Claim. (Cl. 294—49.)



In a shovel, a body portion provided with handle attaching means and having its edge most remote from the handle attaching means tapered off at both sides to define a wedge shape, and a removable end portion adapted to be secured to the body portion and having one edge formed with a slot V-shaped in cross section for conforming engagement upon the wedge shaped edge of the body, and securing members passing through the slotted portion of the removable end and through the body, the body portion and removable end being of the same thickness whereby both surfaces thereof will be flushed.

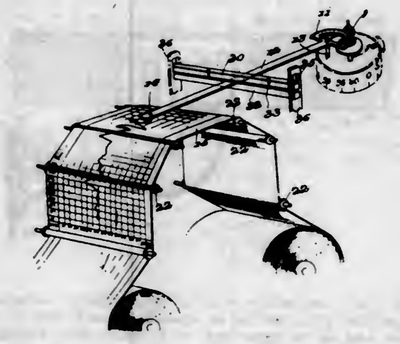
1,571,819. WINDOW OPENER AND CLOSURE. JAMES TORRSAN, Susanville, Calif. Filed Feb. 21, 1925. Serial No. 10,906. 1 Claim. (Cl. 268—4.)

In a window opening and closing device, a window having a sliding sash, a bracket secured to said sash, a rotatable shaft positioned adjacent said window and parallel with the direction of movement thereof, a worm formed on said shaft, said worm having a right and left hand thread, said worm being engaged by said bracket, a helical spring surrounding one end of said shaft and adapted to contact said bracket, a second helical spring surrounding said shaft, at a point remote from said first mentioned spring in such a manner as to be engaged by said bracket, after travelling throughout the length of said worm, means for rotating said shaft, said means comprising a gear, a shaft positioned below said gear, a sliding gear positioned on said second



mentioned shaft, means for rotating said second mentioned shaft, and a lever for moving said second mentioned gear into and out of engagement with said first mentioned gear.

1,571,820. SPEED-RECORDING DEVICE. HARRY A. TURNIER, New York, N. Y. Filed May 22, 1922. Serial No. 562,667. 1 Claim. (Cl. 234—30.)

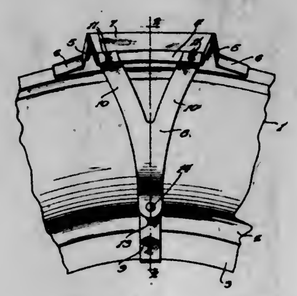


In a speed recording device a frame having spaced lugs mounted thereon, a lower strip fixed to the lugs and bridging the space between them, the lugs being provided above the fixed strip with vertically disposed slots, a strip movably mounted in the slots and bridging the space between the lugs, spaced pins carried by the last mentioned strip and located at points spaced from the ends thereof and bearing at their lower end upon the upper surface of the fixed strip and a pivoted arm having an intermediate portion lying between the strips and located between the said pins.

1,571,821. TRACTION LUG. ISAAC N. TUSING, Rye, Colo. Filed May 19, 1925. Serial No. 31,428. 2 Claims. (Cl. 152—14.)

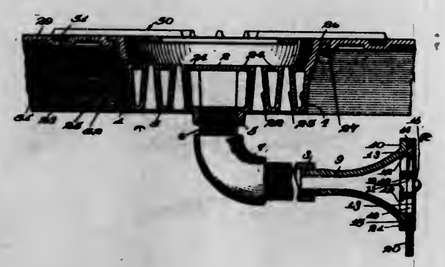
2. A traction lug comprising a body adapted for close fitting engagement with the tread face of a tire, cleats extending transversely across the outer face of said body in spaced relation to the ends thereof, a cleat extending longitudinally of the body intermediate the width thereof from one transverse cleat to the other,

arms adapted to extend transversely along the sides of a tire and each having its outer end portion provided with diverging fingers secured upon the outer face of



said body between the transverse cleats in close proximity to the transverse cleats and longitudinally extending cleat, and means for extending transversely across a wheel felly and connecting said arms.

1,571,822. GAS BURNER. EUGENE ELTON WANN, Bradford, Pa. Filed Dec. 29, 1924. Serial No. 758,686. 2 Claims. (Cl. 158—116.)



2. The combination with a substantially horizontal supporting plate having an opening formed with a circular seat at its upper end, of a burner body having a gaseous fuel receiving and distributing space therewithin and having an inlet opening in its bottom adapted for connection with a source of gaseous fuel supply and a plurality of spaced gaseous fuel discharge orifices in its top, said burner body having an outwardly and upwardly extending continuous flange substantially fitting in said opening in the supporting member and having an outwardly extending lip at its upper end adapted to engage with said seat, a grid supported on said supporting plate above said opening in the supporting plate, an imperforate deflecting plate resting upon said grid and extending outwardly beyond the outer edge of said lip, and a second imperforate heat deflecting plate supported on the first deflecting plate in spaced relation to the latter and extending outwardly beyond the outer edge of the first heat deflecting plate.

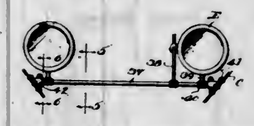
1,571,823. MUSICAL INSTRUMENTS. FRANK R. WEAVER, Fairgrove, Mo. Filed Nov. 10, 1923. Serial No. 674,004. 1 Claim. (Cl. 84—263.)

In combination, a musical instrument adapted to support thereon a plurality of sound producing devices and an elastic strap for supporting said instrument from the body of the user and allowing said instrument to be thrown away from the user to cause the automatic



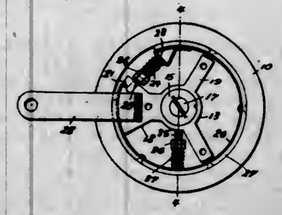
operation of the sound producing devices and thereafter to return the instrument to playing position against the body of the user.

1,571,824. TILTABLE-HEADLAMP MOUNTING. FRANK E. WEILAND, Fort Myers, Fla., assignor of one-half to Richard L. Heverle, Fort Myers, Fla. Filed Nov. 2, 1923. Serial No. 672,356. 1 Claim. (Cl. 240—61.)



In a dirigible headlight mechanism for vehicles, bracket members having plate portions secured to the inner sides of the front fenders of the vehicle, said brackets further including split bearing portions having terminal ears, a rod journaled in said bearing portions, headlamps carried by the rod, means connected with the rod and extending rearwardly of the vehicle to a point within reach of the operator whereby the rod may be turned, and means passing through the ears of said bearings to effect contraction for opposing frictional resistance to turning movement of the rod whereby the rod and lamps will remain in selected position.

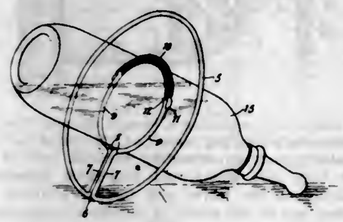
1,571,825. SHOCK ABSORBER. ARCHIBALD WILSON WEBB, Jr., Fawn Grove, Pa. Filed May 9, 1924. Serial No. 712,103. 2 Claims. (Cl. 188—130.)



1. A shock absorber for vehicles comprising a drum adapted to be secured to the frame of a vehicle, an expansible split band located within and frictionally engaging the inner wall of the drum, a post mounted

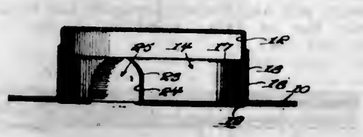
centrally within the drum, a hub mounted for rotation upon said post, an arm extending from said hub and connected to one end of the band, a spring interposed between said arm and the other end of the band to yieldingly force the latter into engagement with the drum, a threaded stud extending radially from the hub, a spring mounted upon the stud and engaging band adjacent one end of the latter to provide a uniform engagement between the band and drum, means mounted upon the stud to regulate the tension of the spring, a cover for the drum, an extension carried by the arm and projecting through the cover and means connecting the arm of the extension to the axle of the vehicle.

1,571,826. NURSING-BOTTLE HOLDER. JOHN J. WELLENHOFFER, Salamanca, N. Y. Filed Sept. 9, 1924. Serial No. 736,722. 5 Claims. (Cl. 248—65.)



4. A device of the character described comprising an outer circular member, a plurality of arms projecting radially inwardly therefrom, said arms being bent in opposite directions to provide curved nursing-bottle holding members, said circular member, said arms and said nursing-bottle holder being formed from a single piece of material, and a spring secured to and connecting the bottle holding members.

1,571,827. SWEATBAND FOR HATS. FREDERICK WHARTON, New York, N. Y. Filed July 11, 1925. Serial No. 42,949. 3 Claims. (Cl. 2—182.)



1. A sweat band, comprising a strip of material having its edge portions notched, the notched edges of the strip being folded over an intermediate portion of the strip, with oppositely located notched portions in registration, to provide recessed portions opposite the temples of the wearer when the band is in position on a hat.

1,571,828. CALENDAR. EMANUEL C. WHITE, Welland, Ontario, Canada. Filed Aug. 3, 1925. Serial No. 47,914. 4 Claims. (Cl. 40—108.)

2. In a device of the class described, the combination with a cylindrical body member having a reduced end, a barrel frictionally engaging the reduced end, and having rows of numbers inscribed on the exterior thereof indicative of the days of a month, a mask encircling said barrel and rotatable with respect thereto and having a window therein for selectively displaying certain of the indicia on said barrel, indicia on the exterior of said mask above said window indicative of the names of the days of the week and beneath which the selected rows of numbesr are aligned, and means operable independently of said mask for concealing part of the selected indicia on said barrel, said means including a blind interposed between said barrel and said mask and mov-

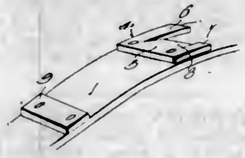


able across said window, and co-acting means between said blind and said mask for locking said blind in a set position.

1,571,829. DETERGENT COMPOSITION. CARL T. WIESE, Sand Point, Idaho, assignor to Vapo Products Company, Inc., Sand Point, Idaho, a Corporation of Idaho. Filed Oct. 9, 1922. Serial No. 593,418. 1 Claim. (Cl. 87—5.)

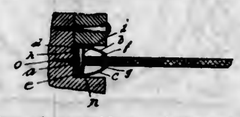
A detergent composition formed from a de-hydrated compound consisting of a soap base formed from 19 pounds of saponified cotton seed oil admixed with 2½ gallons of water, a sassafras and soap bark solution derived from admixing 1 pound of sassafras bark and 8 ounces of soap bark and 2½ gallons of water, fuller's earth to which is added 1 quart of water, hypo-sulphite sodium and salicylate sodium dissolved in 1 quart of water and 5 pounds of borax.

1,571,830. DEMOUNTABLE RIM. IRVIN F. WILLMAN, Muleshoe, Tex. Filed May 7, 1923. Serial No. 637,272. 1 Claim. (Cl. 301—17.)



A demountable rim having a flat lug on its inner side, said lug having two edges extending circumferentially of the rim, and two angular edges extending transversely of the rim and disposed in planes at right angles to said inner side of the rim, both ends of each of said angular edges being disposed at a common acute angle with respect to the edges of the rim, for co-action with a wedge.

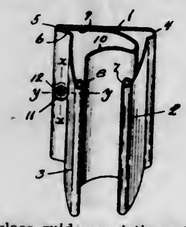
1,571,831. WINDOW-GLASS CHANNEL. EDWIN W. M. BAILEY, Amesbury, Mass. Filed Sept. 22, 1921. Serial No. 502,333. 12 Claims. (Cl. 296—44.5.)



1. A window glass guide consisting of a single strip of resilient sheet metal bent transversely into U-form to provide a bottom portion adapted for attachment to the window casing and a pair of transversely resilient

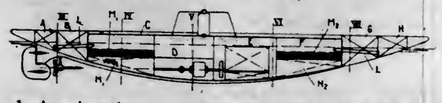
side portions extending convergently therefrom, the edge portions of said guiding portions being inwardly rolled into cylindrical form to form non-yieldable beads arranged to project towards each other beyond their adjacent sides to provide transversely convex guiding faces for the opposite sides of window glass sheets of varying thickness inserted therebetween.

1,571,832. WINDOW GUIDE. EDWIN W. M. BAILEY, Amesbury, Mass. Filed Dec. 8, 1924. Serial No. 754,515. 7 Claims. (Cl. 296—44.5.)



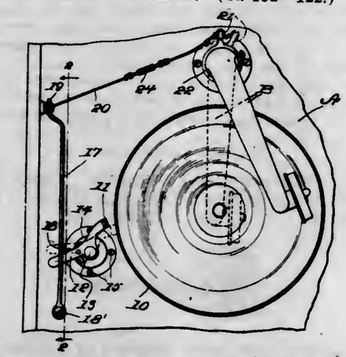
1. A window glass guide consisting of a strip of resilient sheet metal bent to provide a base and a pair of side guides projecting therefrom in position to engage opposite sides of the glass, said base having a lateral extension and a reversely extending connection between said extension and the inner end of one of said guides, said connection being yieldable towards said base and having an outer face arranged for clamping engagement to depress the same and vary the initial set of its guide.

1,571,833. SUBMARINE. VINCENZO DE FEO, Spezia, Italy, assignor to Societa Anonima Ansaldo-San Giorgio, Spezia, Italy. Filed Mar. 1, 1924. Serial No. 696,326. 3 Claims. (Cl. 114—16.)



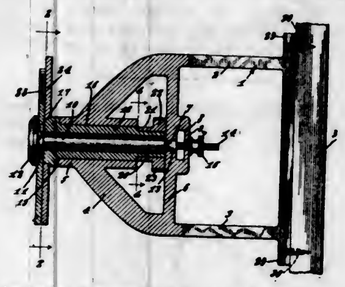
1. A submarine comprising a central resistant body and non-resistant end portions acting as water-ballast tanks, two or more compartments in said end portions, torpedo tubes arranged in some or all of said compartments, said torpedo tubes being inclined to the central longitudinal plane and projecting into said central resistant body.

1,571,834. AUTOMATIC STOP. WILLIAM HENRY, McCarthy, Territory of Alaska. Filed Feb. 27, 1925. Serial No. 12,117. 4 Claims. (Cl. 192—122.)



1. An automatic stop for the turn table of a talking machine comprising a spring pressed pivoted lever, a stop carried thereby, a resilient element designed to engage said lever and hold the stop spaced from the periphery of the table, and means connecting the element with the reproducer arm of the machine, whereby said element is flexed to release said lever, and said arm assumes its final position at the completion of the record.

1,571,835. ICE-CARD HOLDER. STEPHEN HERMANOWICH, Ellwood City, Pa. Filed Nov. 4, 1925. Serial No. 66,788. 1 Claim. (Cl. 40—70.)



An indicator comprising a hanger element formed with a lengthwise extending sleeve at the outer end thereof, a revoluble member extending through and of greater length than said sleeve and projecting forwardly and rearwardly of the latter and further abutting against the outer end of the sleeve, a combined supporting, bearing and clamping element extending through and of greater length than the length of said member, an indicator element mounted on the forward end of said member and bodily carried therewith, a stationary concealing member carried by said combined supporting, bearing and clamping element, and said latter element including means for detachably clamping said revoluble member stationary to maintain the indicator element in set position, said means coacting with the forward end of said sleeve, and said concealing member having a cut-out portion to expose an indication on said indicator element.

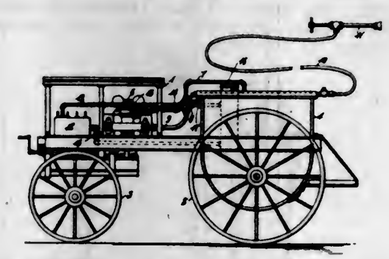
1,571,836. SOLDERING IRON. HOWARD J. HOCKERSMITH and FLOYD M. ARGERBRIGHT, Great Falls, Mont.; said Argerbright assignor to said Hockersmith. Filed May 14, 1924. Serial No. 713,288. 1 Claim. (Cl. 219—26.)



In an electrically heated soldering iron, a hollow copper tip, a carbon block therein, a metal sleeve connected to the tip, a tube of insulating material in the sleeve, a metal sleeve in the tube, a carbon stick carried by said sleeve having a pointed end designed for contact with the carbon strip in the tip, said stick having an annular groove, and said first mentioned sleeve and insulating tube having openings aligning with the groove, a hollow handle to which the first mentioned sleeve is connected and in which the last mentioned sleeve and the insulating sleeve is received, a metal block on the inner end of the last mentioned sleeve, and spring means between the handle and the plug for influencing the sleeve to force the tip of the carbon stick against the carbon block.

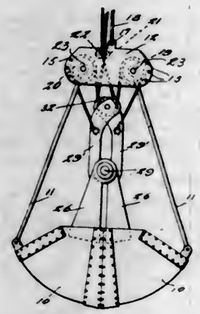
1,571,837. COOLING SYSTEM FOR SPRAYERS. JOHN C. HULL, Gasport, N. Y. Filed June 24, 1922. Serial No. 570,751. 5 Claims. (Cl. 299—46.)

1. In a spraying apparatus, the combination with a solution tank, a pump in communication therewith, a sprayer connected with the discharge outlet of said pump, an explosive engine for driving the pump, means for cooling the engine comprising a water container, a water discharge from the explosive engine jacket to said container, and a feeding pipe from the container to the



explosive engine jacket for introducing water thereto, said water discharge pipe intersecting the traveling stream of solution being conveyed to the pump whereby heat of the water passing to the engine jacket is absorbed by said solution.

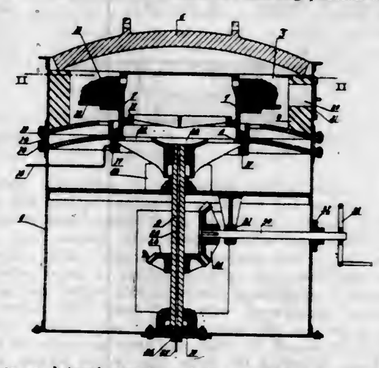
1,571,838. CLAMSHELL-DREDGER BUCKET. ARCHIBALD HUTSON, Erie, Pa. Filed June 11, 1924. Serial No. 719,442. 1 Claim. (Cl. 37—184.)



In combination, a tackle block including spaced side plates and an intermediate plate, both connecting said plates, pulleys journalled thereon and arranged on opposite sides of the intermediate plates, oscillating rods depending from said tackle block, bucket sections supported by said rods, spaced power arms rising from each bucket section, a transverse member connecting each pair of said arms, with the upper extremities of the latter projecting above said transverse member and having alined opening, a lever extension arising from said transverse member between said arms and having an opening in a line with the openings of said arms, said upper extremities of the respective pair of arms being arranged side by side, a pivot passed thru all of said openings, whereby the bucket sections are supported for movement towards and away from each other, pulleys journalled on the free ends of said lever extension, and a power cable trained over the pulleys of said tackle block and including cross rods passed under the pulleys of said lever as for the purpose specified.

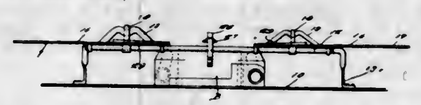
1,571,839. FURNACE FOR THE HEATING AND UNWINDING OF WIRE. ANDRÉ FÉLIX JACQUEMIN, Saucourt, France. Filed Mar. 26, 1925. Serial No. 18,574. 1 Claim. (Cl. 263—7.)

A furnace for heating wires, comprising a chamber in which a sort of revoluble drum-like element is mounted upon a pivot; said drum-like element carries the wire, and its central part constitutes the heating portion of the



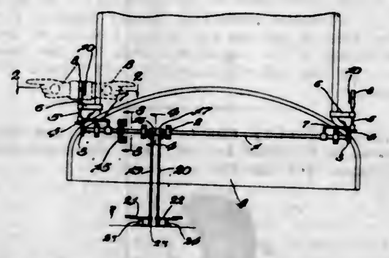
furnace, a lateral aperture being provided in the said chamber for the discharge of the wire as it is unrolled from the drum-like element.

1,571,840. FUEL-CONSERVING DEVICE FOR LOCOMOTIVES. WESTFIELD H. KEILER, Watertown, N. Y. Filed Jan. 30, 1925. Serial No. 5,854. 2 Claims. (Cl. 110—150.)



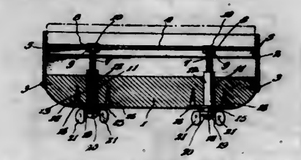
1. In combination with a locomotive having an exhaust nozzle and a smoke stack, of a draft regulating device comprising a frame arranged within the boiler of the locomotive, units mounted for sliding movement on said frame, and adapted to be singly arranged above the nozzle for use, each unit being designed to retard and spread a reduced volume of steam emitted from the nozzle, to cause said steam to fill the smoke stack with a resultant increase of draft therein, means for singly operating said units, and means automatically engaging said units for holding the latter fixed relative to said frame when arranged above said nozzle.

1,571,841. VEHICLE SIGNAL. LOUIS B. KELLER, Chicago, Ill. Filed Mar. 7, 1923. Serial No. 623,561. 2 Claims. (Cl. 74—81.)



1. In a vehicle signal, a shaft, vertical shafts at each end of the first shaft, means operatively connecting the vertical shafts with the first shaft, signal members carried by upper ends of the vertical shafts, collars carried by the first shaft, arms extending from said collars upon opposite sides of the shaft and foot operated means connected to the arms whereby to rotate the shaft in either direction.

1,571,842. SOAP HOLDER. JOSEPH S. LABAY, Sr., Morganza, La. Filed July 10, 1925. Serial No. 42,799. 3 Claims. (Cl. 45—28.)



3. A soap holder comprising a receptacle open at its upper end and including a buoyant bottom and walls carried thereby, a follower fitted within said receptacle for sliding movement between the bottom and open upper end of the receptacle, a threaded stem extending from the inner face of said follower, a sleeve rotatably mounted in an opening formed in said bottom and having threaded engagement with said stem, said sleeve projecting beyond the outer face of said bottom and in spaced relation to its outer end provided with an annular flange engaging the outer face of the bottom, a collar secured to the outer face of said bottom and fitting about the projecting end portion of said sleeve and engaging said flange to prevent outward movement of the sleeve, the extreme outer end portion of said sleeve being flat-sided, a turning key fitting snugly upon the flat-sided outer end portion of said sleeve, and a fastener carried by said sleeve and engaging said key to retain the key in engagement with said sleeve.

1,571,843. COFFEE-URN CROWN. JOHN N. LAUGHLIN and FRED JOHN MYERS, National Military Home, Kans. Filed July 20, 1925. Serial No. 44,881. 3 Claims. (Cl. 53—3.)



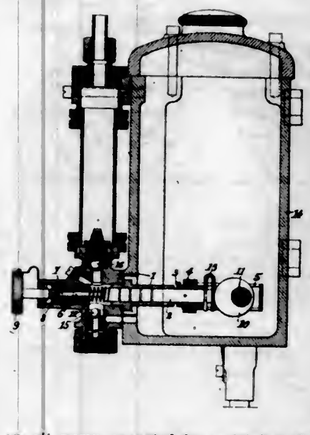
1. A coffee urn crown of the character set forth, comprising an annular member of greater diameter at the bottom than at the top and having a series of spaced slots formed in the top edge thereof for the support of a coffee bag, and a bail overlying and secured to the member.

1,571,844. DISPLAY FORM. WALTER H. LEE, Washington, D. C. Filed Jan. 20, 1925. Serial No. 3,588. 6 Claims. (Cl. 35—12.)



1. A hairdressing form having a hood portion of stiff material adapted to maintain a fixed configuration to enclose and temporarily conceal the hair of the wearer and finished to represent a particular style of hairdressing to determine its effect in association with the face of the wearer.

1,571,845. OIL PUMP. ALBERT LEFEBVRE, Pre Saint Gervais, France. Filed Jan. 6, 1925. Serial No. 891. 4 Claims. (Cl. 103—38.)



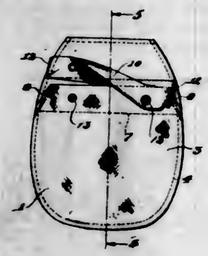
1. In an oil pump operated by a driving shaft, cylindrical pump body, a piston disposed therein, adjustable means for actuating the said piston by the driving shaft, a second piston coaxial with the first-mentioned piston, means for actuating the second piston by hand from the exterior of the pump, means connecting the said pistons together in such manner that they will be longitudinally slidable but not revoluble upon each other, a suction valve, a delivery valve, and seats for the said valves formed in the said pump cylinder.

1,571,846. HIGH CHAIR. WILLIAM C. LEHMAN, Cannelton, Ind. Filed Dec. 19, 1924. Serial No. 756,994. 3 Claims. (Cl. 155—196.)



1. A semi-knock-down high chair comprising a support unit including supporting legs, means connecting and relatively bracing the legs, a seat unit comprising a seat bottom and a back rest carried by and extending upwardly from the rear side of the seat bottom, and arm rests extending forwardly from the back rest, and means separably securing the seat bottom to the top of the support unit, including the arm rests thereof, the legs of the support unit, at their lower portions, being spaced apart a distance greater than the width of the seat unit whereby the said seat unit may be positioned within the support unit for shipment.

1,571,847. SAFETY POCKET. ABRAHAM B. LESSER, Chicago, Ill. Filed Jan. 15, 1921. Serial No. 437,467. 1 Claim. (Cl. 2—247.)



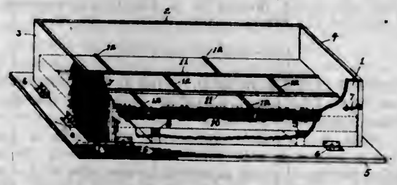
In a garment, the combination with a pocket, of a safety pocket therein, having its mouth opening inwardly of the mouth of the first named pocket, said safety pocket and first named pocket being of equal width and the side and inner edges of said safety pocket being stitched to the garment by stitching of the said first named pocket, the side edges of the safety pocket at the mouth thereof being cut at an angle which extends inwardly from the sewed edges to the free edge whereby to form free edges permitting spreading movement of the mouth of the safety pocket when in use, a closing flap within said first named pocket to form a closure for the mouth of the safety pocket, said closure flap having its edges at an angle and overlapping the free edge of the safety pocket and means for detachably connecting said flap to the body of the safety pocket.

1,571,848. AUXILIARY EYEGLASSES OR SPECTACLES. WALTER LOBENSTEIN, Brooklyn, N. Y. Filed June 19, 1925. Serial No. 38,349. 4 Claims. (Cl. 88—41.)



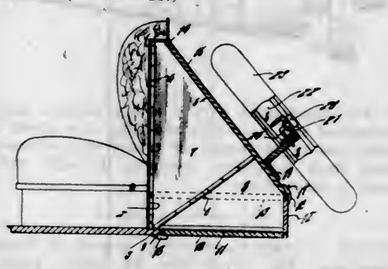
1. An attachment for spectacles or eye-glasses comprising auxiliary lenses, a retractile spring, and means rigid with said lenses and forming a connection between said spring and lenses, said means extending forwardly to position said spring offset in front of the plane of the lenses to prevent contact of the spring with the nose of the wearer.

1,571,849. METHOD OF MAKING BUILDING BLOCKS. EDWARD A. LONG, New Castle, Pa. Filed June 25, 1925. Serial No. 39,478. 3 Claims. (Cl. 25—155.)



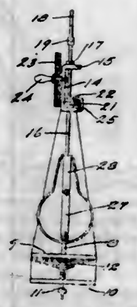
1. The art of making concrete blocks, which comprises placing a layer of plastic concrete upon a matrix having certain configurations formed thereon, with a mortar space former corresponding with said configurations and resting thereon, filling in said concrete to the top of said mortar space former then removing the mortar space former, filling the spaces formed by the mortar space former with concrete of a color different from the first concrete, applying a layer of concrete different from that stated to form a backing, and finally applying concrete different from the others to the face of the last applied layer of concrete to form the main body of the block.

1,571,850. FOLDING CARRIER. OTTO R. LUDWIG, Garvin, Minn. Filed June 15, 1925. Serial No. 37,372. 2 Claims. (Cl. 224—29.)



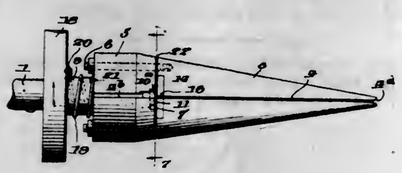
1. In a device for the purpose set forth, a back member having upper and lower outstanding flanges, sides having their inner and lower edges disposed at right angles with respect to each other and having their inner edges hingedly secured to the back, said sides having their outer edges cut angularly from points adjacent to the top and to the front thereof, each of said sides comprising two members having diagonal meeting edges which are hingedly connected, a bottom hingedly secured to the lower flange of the back and hingedly secured to the lower and upper sections of the sides, a front hingedly secured to the upper edge of the bottom, swingable brace means between the front and the back and a cover board hingedly secured to the upper flange of the back.

1,571,851. BEATER AND MIXER. RAY W. LYON, Trail, Oreg. Filed Apr. 30, 1924. Serial No. 710,039. 1 Claim. (Cl. 259—135.)



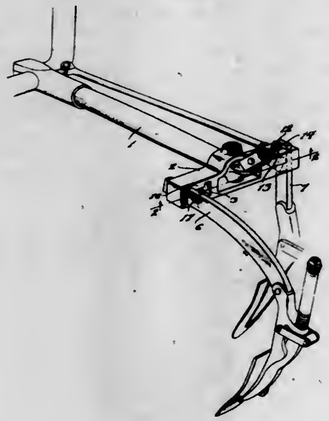
A beater and mixer comprising a bracket having a plate portion provided at its end with angularly disposed flanges one of which is provided with an inwardly disposed lip, the plate portion being provided at a point opposite the said lip with an opening, a gear wheel journaled upon one end portion of the plate and having one side portion disposed under the lip and its opposite side portion passing through said opening, a shaft slidably mounted through the angularly disposed end flanges of the plate portion and adapted to rotate with the gear wheel, means mounted upon the plate portion for rotating said gear wheel, beater members carried by the shaft, a handle having a substantially elliptical head, and a sleeve mounted at the side of the head of the handle at a point between the ends thereof, said sleeve being loosely connected with the shaft.

1,571,852. APPARATUS FOR FORMING PAPER CONES. PETER LE ROY MCCALL, Rockingham, N. C. Filed Feb. 7, 1924. Serial No. 691,288. 17 Claims. (Cl. 93—79.)



1. The combination with a rotary mandrel having a longitudinal slot to receive the edge of a blank to be wound thereon, of means for transversely severing the wound blank completely, including the edge which is located in the said slot.

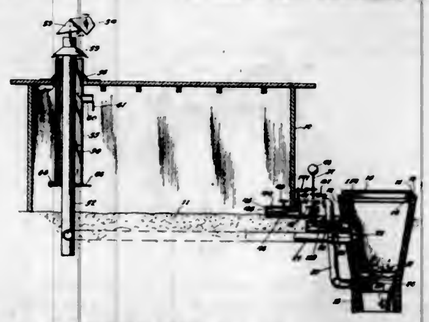
1,571,853. CLAMPING DEVICE. SAMUEL H. MCCOWAN, Greenway, Ark. Filed Apr. 11, 1925. Serial No. 22,315. 1 Claim. (Cl. 37—198.1.)



The combination of a crosshead having an opening therethrough, said opening having a flat end wall and having obliquely disposed walls opposed to said end wall with an open space between said obliquely disposed walls, a shank insertible through the opening in the crosshead to bear against the flat wall of the same and provided in its lateral face with a recess, and a bolt having a shank extending between the obliquely disposed walls of the opening in the crosshead and an enlarged head provided with obliquely disposed faces adapted to engage the obliquely disposed walls and a projection on one side of the head engaging the seat in the lateral face of the shank.

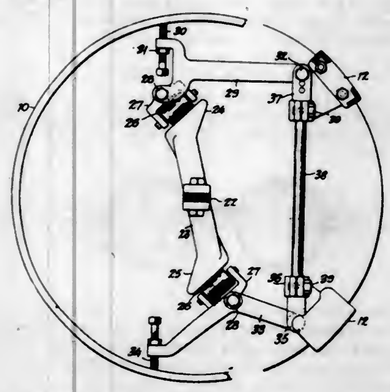
1,571,854. DRAFT REGULATOR. JOHN E. MCLEOD and ARTHUR J. HEWITT, Washington, Kans. Filed Jan. 17, 1923. Serial No. 613,184. 4 Claims. (Cl. 236—6.)

1. The combination with a heating furnace having a flue extending through a space to be heated, of a manifold having a port for said flue and an opening communicating with said furnace, a damper covering said opening, means for controlling the damper, said means including a lever fulcrumed between its ends and supporting the damper at one end thereof, a manipulating rod hinged at the other end of the lever, a thermostat placed in the space to be heated, and connections be-



tween the thermostat and the rod whereby the damper may be automatically operated by the rod and lever in accordance with the temperature in said space.

1,571,855. DIAL-ALIGNING DEVICE. JOSEPH B. MACNAMEE, Llanerch, Pa., assignor to H. Brinton Company, Frankford, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Oct. 21, 1925. Serial No. 63,941. 7 Claims. (Cl. 66—22.)



1. In a knitting machine, a needle cylinder, a dial, and connections between them including a cylindrical roller engaging one face of the fabric transversely of the wales, means in contact with the opposite face of the fabric for holding the fabric in engagement with said roller throughout the length of the roller, and supporting means for the opposed fabric-engaging devices permitting a relative rocking movement thereof in a direction transverse to the wales of the fabric, substantially as set forth.

1,571,856. PUZZLE BOARD. VIRD L. MAHURIN, Princeton, Mo. Filed Apr. 1, 1925. Serial No. 19,869. 1 Claim. (Cl. 35—1.)

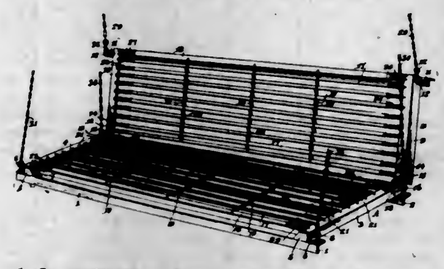
A cross word puzzle apparatus comprising a board having a bounding edge composed of angularly disposed lengths, the board being provided on one side with a continuous groove having angularly disposed lengths which are disposed parallel with the adjacent lengths of the bounding edge of the board, the board being provided on the same side with a second continuous groove located within the first mentioned groove and having angularly disposed lengths which are disposed parallel with the adjacent lengths of the first mentioned groove and parallel

with the adjacent lengths of the bounding edge of the board, the board being provided on the same side with relatively short groove sections which join with the second mentioned groove at the angles of the corners thereof and with the first mentioned groove at points spaced from the angles of the corners thereof, the board



being provided on the same side with a series of parallel grooves located within the second mentioned continuous groove, said parallel grooves being closed at one end and joined at their opposite ends with one of the lengths of the second mentioned continuous groove, and members mounted for movement along all of the grooves.

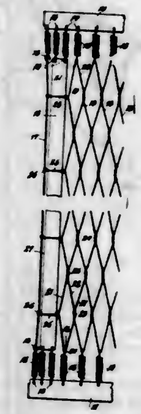
1,571,857. CONVERTIBLE FURNITURE. HAWKINS R. MARTIN, Fort Worth, Tex. Filed Oct. 15, 1923. Serial No. 668,683. 4 Claims. (Cl. 5—124.)



1. In combination, front, back and intermediate longitudinally extending inverted angle bars arranged in spaced relation, two opposed pair of horizontally extending end bars of angle contour, the bars of each pair having their inner ends opposing each other, the forward end bar of each pair having the ends of its vertical leg seating on edge on the top of the horizontal leg of the front and intermediate bars inwardly of an end thereof, the rear end bar of each pair having the outer end of its vertical leg seated on edge on the top of the horizontal leg of the back bar inwardly of an end thereof, means secured on the horizontal legs of each pair of end bars for hinging the inner ends thereof together and for supporting the inner end of the rear bar of the pair, means for securing the forward bar of each pair to the front and intermediate bars, means for securing the outer end of the rear bar of each pair to said back bar, and suspension means secured to said front, back and intermediate bars outwardly with respect to said pairs of end bars.

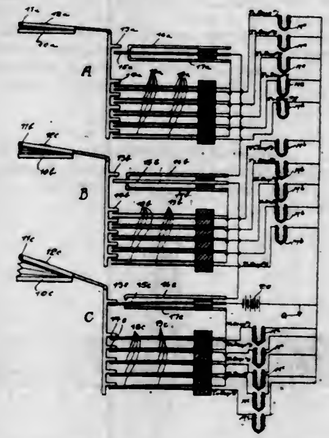
1,571,858. FABRIC FURNITURE SPRING. VINCENZO MASSACESE, New York, N. Y. Filed Oct. 24, 1924. Serial No. 745,677. 1 Claim. (Cl. 5—192.)

In a furniture spring which includes a frame having end rails, helical contractile springs connected with said end rails, and side straps connected at the opposite ends to certain of said helical springs, a fabric connected at its opposite ends to said helical springs and consisting of wire cables inter-twisted together to provide a mesh and having loops formed in the outer side leads of each side cable which loops embrace the side straps for supporting the side edges of the fabric from the strap and rods connected at their opposite ends respectively to the outermost helical springs, arranged parallel and alongside of the outer side edges of the straps and also em-



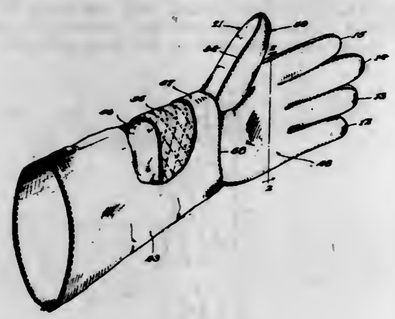
braced by the loops formed in the outer side leads of the fabric, said loops having a second twist between the straps and rods for spacing and holding the same in a plane with each other, whereby to hold said rods in juxtaposition to the strap for preventing contact and possible cutting of the bed clothing on the edge of said straps.

1,571,859. RECORD-CONTROLLED MUSICAL INSTRUMENT. HARRY P. MAUS and DODE M. LAMSON, Lima, Ohio. Filed May 1, 1923. Serial No. 635,875. 10 Claims. (Cl. 84—88.)



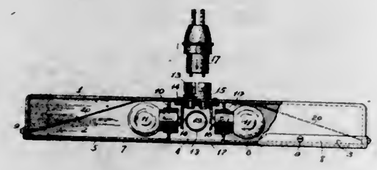
8. A record-controlled musical instrument comprising a plurality of record-controlled mechanisms for respectively controlling the operation of different sounding devices to be played, a plurality of stops, the controlling mechanisms controlling the sounding of a note in a plurality of stops and connections under control of the controlling mechanisms, when two or more are simultaneously operated, to prevent the sounding of notes controlled by all except one of said controlling mechanisms.

1,571,860. BAKING GLOVE. GERTRUDE M. MEYER, Davis, W. Va. Filed Nov. 30, 1923. Serial No. 677,840. 1 Claim. (Cl. 2—169.)



A glove including a body portion and a cuff, said body comprising a semi-trank slit from its forward end to form a palm portion and finger extensions, one finger extension being partially slit midway its width from its forward end to form cooperating side sections constituting the front and back portions of the first finger of the glove when said semi-trank is folded longitudinally along the line of the last-mentioned slit, the rear portion of said semi-trank being formed with a thumb-receiving recess having parallel side edges joined by a curved front edge, back forming strips secured at their sides to each other and to adjacent edges of the finger and palm-forming portions of said semi-trank, a thumb-forming strip having side edges converging forwardly and merging into curved forward edge portions intersecting intermediate the width of the thumb-forming strip, the rear edge of said thumb strip extending at right angles to its axis and the rear corner portions being cut diagonally, said thumb strip being doubled longitudinally and sewed together along its converging side edges and across its forward end, its remaining edge portions being sewed to said semi-trank along the edges of the thumb recess, a reinforcement for the palm and finger portions of said semi-trank, and a reinforcement for the thumb covering the inner and end surfaces thereof and joined to the adjacent edges of the palm portion.

1,571,861. AUTOMOBILE SIGNAL. WILLIAM F. MICHAEL and WALTER A. PAULS, Benton Harbor, Mich. Filed Jan. 24, 1924. Serial No. 688,301. 1 Claim. (Cl. 177—329.)

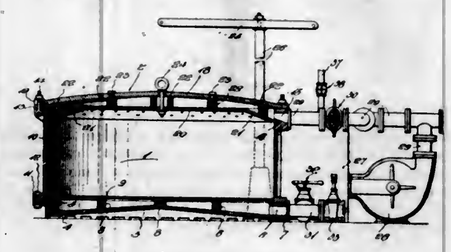


A direction indicator comprising a casing having a socket on its rear wall, an insulating block secured across said socket, conductor elements extending through said block, contact fingers secured to said elements and projecting forwardly in the casing, a front plate for the casing, and webs projecting rearwardly from the front plate and formed with sleeves disposed longitudinally of the casing to support electric lamps in electrical engagement with the contact fingers.

1,571,862. PREVENTION OF FUEL KNOCK. THOMAS MIDGLEY, Jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Continuation of application Serial No. 419,763, filed Oct. 26, 1920. This application filed Sept. 18, 1923. Serial No. 663,505. 4 Claims. (Cl. 44—9.)

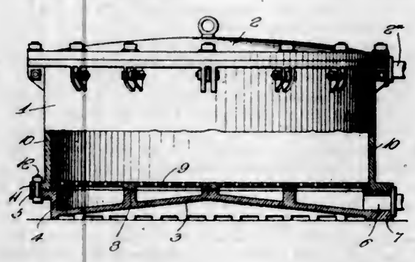
1. A composition of matter comprising aniline, unsaturated gasoline, and a blending agent.

1,571,863. RAW-STOCK-DYEING APPARATUS. FRANK M. MORTON and GORDON W. MORTON, Phoenix City, Ala. Filed Apr. 6, 1925. Serial No. 21,126. 2 Claims. (Cl. 8—18.)



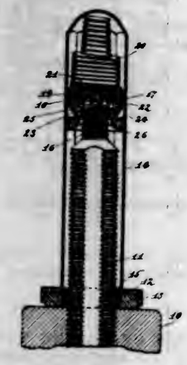
1. A dyeing apparatus comprising an open-topped vat having an inlet port through its side wall near the upper edge thereof, said port having an inwardly inclined bottom wall, a horizontal top wall, and vertical inwardly diverging side walls, a removable cover plate for said vat having a lower side inclining from its edge toward its center, and a substantially horizontal perforated dye-distributing plate secured to said cover plate and disposed in downwardly spaced relation therewith, said perforated plate being receivable in the vat and having an edge portion declined outwardly and disposed in substantially the same plane as said inclined bottom of said dye inlet port, whereby to upwardly direct the incoming dye.

1,571,864. DYE VAT. FRANK M. MORTON and GORDON W. MORTON, Phoenix City, Ala. Original application filed Apr. 6, 1925, Serial No. 21,126. Divided and this application filed Oct. 26, 1925. Serial No. 64,959. 1 Claim. (Cl. 8—18.)



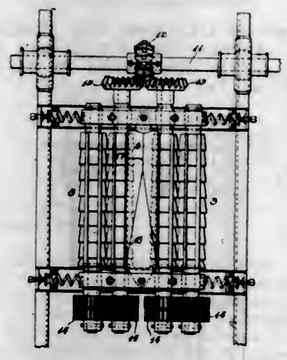
A dyeing apparatus comprising a vat bottom plate declining from its center to its edge and having at said edge an upstanding continuous flange formed with a dye outlet port, the upper edge of said upstanding flange having an outwardly projecting continuous horizontal flange, said bottom plate having upstanding lugs terminating in the same horizontal plane with the upper side of said horizontal flange, a flat perforated false bottom plate resting on said lugs and said upstanding flange, and a vat wall surrounding said false bottom plate and secured to said horizontal flange.

1,571,865. COMBINED DUST CAP AND AIR SEAL FOR TIRE-VALVE STEMS. GEORGE W. OAKES, Crystal City, Mo. Filed Dec. 11, 1924. Serial No. 755,226. 2 Claims. (Cl. 152—12.)



1. A device of the class described, including a dust cap adapted to be placed over a valve stem, and polygonal in cross section, a nut adapted to have threaded engagement with the valve stem, said nut having a polygonal form to correspond with that of the dust cap, and an expansible locking device slidably carried by said nut and adapted to have holding engagement with said cap subject to the screwing of the nut onto the valve stem, the threads of said nut being located materially within the plane of the inner end of the nut, and said nut between the threads and said inner end forming a guide for the valve stem.

1,571,866. CORN-HUSKING MACHINE. THEODORE H. OPPENHEIM and BERNARD SELHORST, Coldwater, Ohio, assignors to The New Idea Spreader Co., Coldwater, Ohio, a Corporation of Ohio. Filed Sept. 25, 1924. Serial No. 739,863. 4 Claims. (Cl. 130—5.)



1. In a corn-husking machine, the combination of working rolls arranged in pairs, dividing bars disposed between the pairs of rolls, and pendent deflectors freely suspended over said dividing bars.

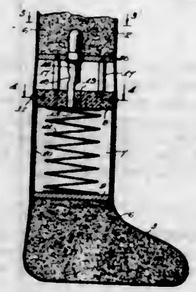
1,571,867. STOCK RING. WILLIS S. PARRISH, Cave City, Ky. Filed Jan. 24, 1925. Serial No. 4,601. 2 Claims. (Cl. 119—135.)

1. A stock ring comprising a substantially straight body portion, angular and oppositely disposed rearwardly and outwardly extending prongs at opposite ends of said portion and an intermediate prong extending from



the body portion upon the same side and toward the outer end of one of the prongs.

1,571,868. DOLL. GEORGE HARRY PARSONS, New York, N. Y., assignor to Averill Mfg. Co., New York, N. Y., a Corporation of New York. Filed Sept. 11, 1924. Serial No. 737,157. 6 Claims. (Cl. 46—40.)



1. As a new article of manufacture, a doll having longitudinally compressible legs, a whistle in each leg of the doll, and means in each leg of the doll for forcing air through a whistle when the leg is compressed longitudinally.

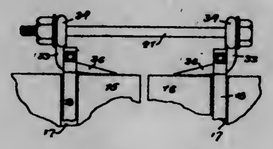
1,571,869. FISH-CATCHING DEVICE. ANDREW H. PERKINS, Helena, Miss. Filed May 7, 1925. Serial No. 28,729. 2 Claims. (Cl. 43—34.)



1. A fish-catching device comprising a casing, a hook suspended upon the casing, a shank housed within the casing, a piercing point on the end of the shank, wings pivoted at the base of said point and foldable upon the

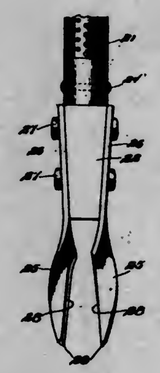
shank whereby they may be engaged within the lower end of the casing, a spring carried by the shank and bearing upon said wings to spread the same, means connected with the hook for normally holding the shank retracted, and means within the casing to project the shank when said holding means is released.

1,571,870. CONCRETE PIPE JOINT. EARL L. PETERSON, Corona, N. Y., assignor to United Concrete Pipe Company, New York, N. Y., a Corporation of Delaware. Filed Aug. 13, 1920. Serial No. 403,206. 3 Claims. (Cl. 285—130.)



1. In a concrete pipe joint, an abutment member loose on a pipe end and having an opening to receive a draw-up element, together with draw-up means comprising a draw-up bolt and an associated wedging member adapted to receive the draw-up bolt and having a portion adapted to pass through the opening in the abutment on the pipe end, for the purpose described.

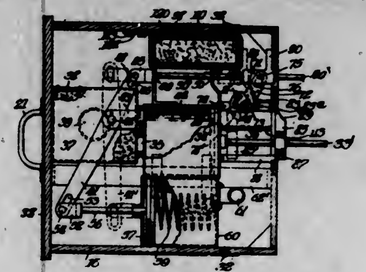
1,571,871. DRIVE-WELL POINT. CHARLES F. D. SMITH, Lake Wales, Fla. Filed May 10, 1924. Serial No. 712,318. 2 Claims. (Cl. 166—5.)



1. A drive well point for engagement with the screens of drive well apparatus in the form of an inverted truncated pyramid having at its upper or base end a shank for engagement with the drive well screen, said point having attached thereto at opposite faces thereof blades formed from flat material and spirally twisted in the same direction.

1,571,872. STERILIZING DEVICE. EDWARD R. ULRICH, Chicago, Ill. Filed July 27, 1923. Serial No. 654,177. 10 Claims. (Cl. 167—3.)

7. In a sterilizer, a sliding drawer, a gas generating chamber, a sterilizing compartment, a reservoir, means for conducting gas from the generating chamber to the sterilizing compartment, means for drawing a portion of the gas contents of the sterilizing compartment into the said reservoir consequent to opening the drawer, and



means for replacing the contents of the reservoir into the sterilizing compartment consequent to the closing of the drawer.

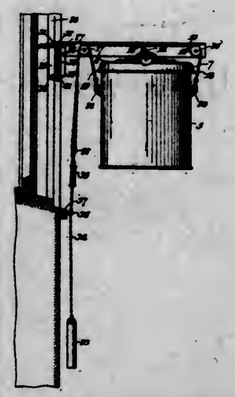
1,571,873. PROCESS OF MAKING TANNING PREPARATIONS AND PRODUCTS THEREOF. THOMAS BLACKADDER, Great Neck Estates, N. Y., assignor to Robeson Process Company, New York, N. Y., a Corporation of New Jersey. Filed June 10, 1924. Serial No. 719,191. 3 Claims. (Cl. 149—4.)

2. The process of making a tanning preparation from waste sulfite liquor which comprises treating digester liquor with slightly more lime than is required to neutralize, the proportion with a liquor requiring 0.5 per cent for neutralization ranging between 1.25 per cent and 2 per cent, separating the precipitate thus produced, concentrating the liquid and adding thereto the amount of sulfuric acid required to precipitate the lime in solution.

1,571,874. EXPANSION JOINT. ALBERT C. FISCHER, Chicago, Ill. Filed Sept. 11, 1922. Serial No. 587,611. 3 Claims. (Cl. 106—31.)

1. Bituminous expansion joints having incorporated therein corn cob fibre.

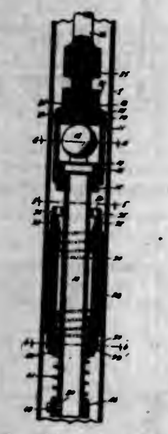
1,571,875. RECEPTACLE FOR THE STORAGE OF ARTICLES OF FOOD. FRANK H. LEHMAN, Lebanon, Pa. Filed Nov. 16, 1923. Serial No. 675,170. 10 Claims. (Cl. 45—71.)



1. A receptacle including a can comprising an open mouthed body and a lid for covering and closing the same, the lid being disposed at a fixed elevation separate from and independently of the body, and the body being

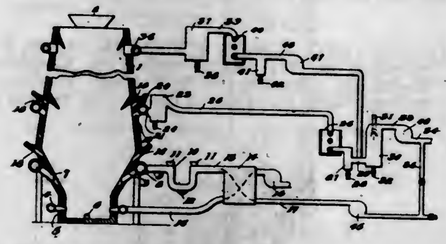
counterbalanced for vertical movement below and in alignment with the lid, whereby the receptacle is adapted to be opened and closed by lowering and raising the body out of and into engagement with the lid.

1,571,876. SWAB. FRANK W. LEIDECKER, Tulsa, Okla. Filed July 2, 1924. Serial No. 723,613. 12 Claims. (Cl. 103—225.)



1. A swab of the character set forth comprising a hollow body, a valve for preventing a downward flow and permitting an upward flow of fluid through said body, an expansible piston surrounding the body and enclosing a chamber that is open at top and bottom, and a valve for controlling the passage of fluid through the open bottom of the piston.

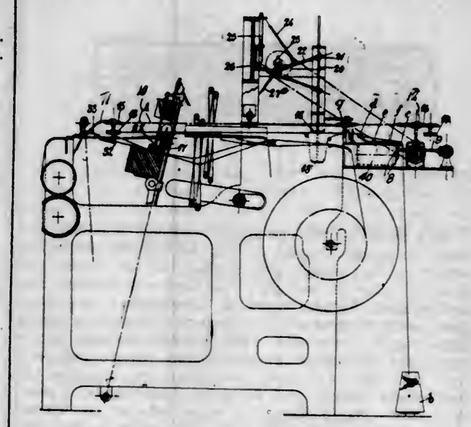
1,571,877. GASIFICATION OF COAL. KARL P. MCELROY, Washington, D. C., assignor to Ferro Chemicals Inc., Washington, D. C., a Corporation of Delaware. Filed May 10, 1920. Serial No. 380,324. 23 Claims. (Cl. 48—208.)



15. In the gasification of coal, the process which comprises establishing and maintaining a vertical column of distilling bituminous fuel with a carbonized base, blasting said base with hot air at a temperature at least sufficient to fuse and run ash components as slag, withdrawing a regulated portion of the hot gases from said base, filtering the withdrawn hot gases through carbon, and transferring the heat of the filtered gases to air in furnishing said hot air.

1,571,878. LOOM FOR WEAVING. OLIVER SHIMWELL, Gawsworth, England. Filed Feb. 27, 1925. Serial No. 12,130. 7 Claims. (Cl. 139—126.)

1. In a loom for weaving, weft supplying means comprising in combination two weft gripping and severing devices disposed in pairs at each side of the loom, means for transferring the weft from one of the devices of each pair to the other of the same pair, other means for drawing out the weft thread stretched between the said devices into loop form, and a weft carrier adapted to



be traversed from side to side of the loom and to carry the halves of the loops successively from opposite sides of the loom through successive warp sheds.

1,571,879. FACEPLATE FOR ELECTRICAL RECEPTACLES. SAMUEL P. WYRPEL, Hartford, Conn., assignor to The Arrow Electric Company, Hartford, Conn., a Corporation of Connecticut. Filed June 21, 1922. Serial No. 569,841. 3 Claims. (Cl. 247—23.)



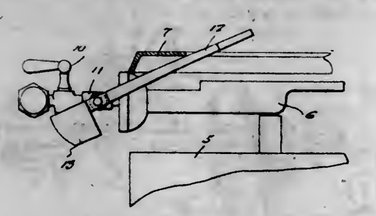
3. The method of mounting a jewel bull's eye in a sheet metal plate which consists in aperturing the plate, drawing a collar toward the rear of the plate from the metal surrounding said aperture, upsetting the plate metal at the aperture to afford a seat, mounting a jewel in said seat from the rear of the plate, and displacing the collar into engagement with the marginal portion of the jewel at the rear of the plate to hold the jewel to its seat.

1,571,880. RUNNERED WAGON. WILBER E. YOUNG, Gordon, Nebr. Filed May 22, 1923. Serial No. 640,729. 1 Claim. (Cl. 280—8.)



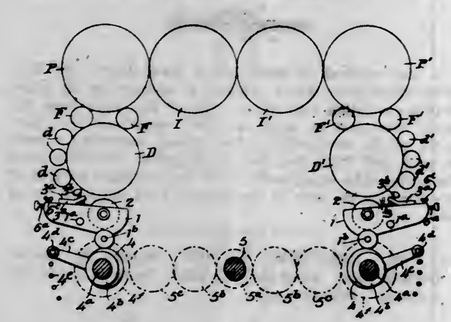
A vehicle comprising a platform, front and rear axletrees rigidly secured directly to the under side of the platform, runners rigidly secured to the under sides of the axletrees and extending the full length of the platform, wheels on the axletrees adjacent and at the outer sides of the runners, the tread surfaces of the wheels projecting below the tread surfaces of the runners, and filler pieces inserted between the runners and the platform and extending longitudinally of the runners with their ends abutting the axles whereby to furnish a firm support for the platform through the entire length of the same.

1,571,881. AUTOMATIC FUEL CUT-OFF FOR GAS STOVES. JOHN ZIMMER, Troy, N. Y. Filed Nov. 8, 1924. Serial No. 748,712. 1 Claim. (Cl. 126—52.)



In a stove of the character described, a burner element, a utensil support having an opening above the burner, a fuel supply pipe leading to the burner element, a valve in said pipe and having a rockable control member the axis of which is horizontal, and a one piece lever fixed at an intermediate point of its length with respect to the said rockable control member of the valve and extending at right angles thereto and having an arm extending through the opening in the utensil support and normally extending to a point in a plane spaced above the upper side of the utensil support and also having an integral weight on its outer arm, the first-named arm of the lever and the utensil support being so relatively arranged that the bringing up of the lever against said support stops the rockable control member in closed position.

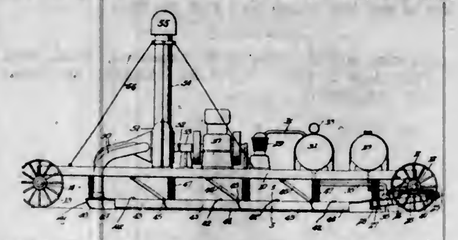
1,571,882. INKING MECHANISM FOR PRINTING PRESSES. HENRY F. BECHMAN, Battle Creek, Mich., assignor to Duplex Printing Press Company, Battle Creek, Mich., a Corporation of Michigan. Filed Feb. 4, 1924. Serial No. 690,647. 5 Claims. (Cl. 101—350.)



1. In inking mechanism for printing presses, an ink drum; an ink fountain having a fountain roll; and means for moving the fountain to move the roll to and from the ink drum to supply ink directly from the fountain roll to the drum, said means comprising a driven shaft and a cam thereon engaging the fountain and partly supporting the latter; with means for laterally adjusting the shaft to correspondingly vary the extent of movement of the fountain roll toward the drum.

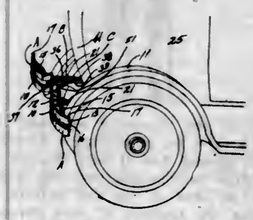
1,571,883. LAND-CLEANING DEVICE. FRANÇOIS X. BÉLANGER, Langdon, N. Dak. Filed Feb. 14, 1922. Serial No. 536,575. Renewed Nov. 24, 1925. 2 Claims. (Cl. 126—271.2.)

1. A land cleaning machine embodying a wheel supported frame, means carried by the frame for producing a flame at one end of the machine, an open bottom flame passage extending longitudinally beneath the machine, said passage being formed of separate sections and each section including downwardly extending side flanges, hinges connecting the sections, a closure



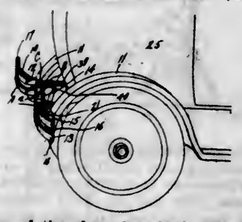
wall at the forward end of the channel, means for yieldingly holding the sections in contact with the ground and means for directing a flame through said passage.

1,571,884. BUMPER. ALGOT W. NORDGREN, St. Paul, Minn., assignor to Marquette Manufacturing Company, St. Paul, Minn. Filed Oct. 26, 1925. Serial No. 64,912. 14 Claims. (Cl. 293—55.)



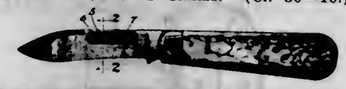
1. In a device of the class described, the combination of a car body having longitudinal and transverse frame members with a spring bumper and a bumper support connected with said bumper and supported on a longitudinal frame member, a brace connected with the bumper at a point spaced from the point of connection of the support with the bumper, and connected with a transverse frame member.

1,571,885. TWIN BUMPER STRUCTURE. ALGOT W. NORDGREN, St. Paul, Minn., assignor to Marquette Manufacturing Company, St. Paul, Minn. Filed Oct. 26, 1925. Serial No. 64,913. 5 Claims. (Cl. 293—55.)



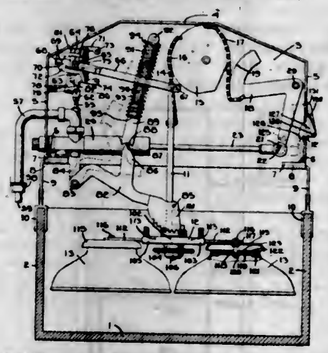
1. In a device of the class described, a spring bumper element adapted when installed to stand spaced from the end of a fender, a rigid member connecting the ends of said bumper element, a rigid support connected with said rigid member between its ends and extending away therefrom at substantially a right angle thereto, means for fastening said rigid support rigidly to the body of a car, and a brace rigidly connected with the inner portion of said rigid member and inclined therefrom laterally and forwardly to said support, then having a portion extending parallel to said support and fastened thereto, and a portion extending forwardly and inwardly from said parallel portion and adapted to be fastened to the frame of a car.

1,571,886. KNIFE BLADE. SAMUEL A. NORTH, Bridgeport, Conn., assignor to Remington Arms Company, Inc., a Corporation of Delaware. Filed June 11, 1921. Serial No. 476,884. 2 Claims. (Cl. 30—10.)



1. In a pivoted knife blade, a panel depressed in said blade, markings extending outwardly from the bottom of a part of said panel, a plain depression between said markings and the wall of said depressed panel, the wall of said depressed panel constituting a shoulder surrounding said outwardly extending markings and spaced therefrom by said plain depression to form nail engaging recesses on opposite sides thereof.

1,571,887. WASHING MACHINE. EMILE C. REUTLINGER, Boston, Mass. Filed Apr. 9, 1923. Serial No. 630,680. 30 Claims. (Cl. 259—126.)



2. A washing machine comprising a reciprocable dasher, a single-acting fluid motor operable to move the dasher in one direction and means intermediate of said motor and dasher for varying the force applied by the motor to the dasher during the motor-actuated movement thereof.

1,571,888. AUTOMATICALLY-THREADING SHUTTLE FOR LOOMS. ALONZO E. RHOADES, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Nov. 7, 1925. Serial No. 67,525. 11 Claims. (Cl. 139—223.)



1. As an article of manufacture, a threading block for automatically threading loom shuttles formed in part of cast iron having the thread engaging portions thereof overlaid by a rust-proof covering and a complemental part formed of a softer metal capable of being worked to fit the block to the shuttle wood.

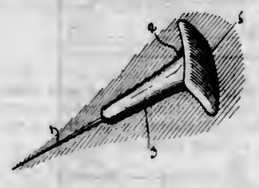
1,571,889. HEAT-EXCHANGE APPARATUS. WILLIAM H. RIPLEY, Hartford, Conn., assignor to The Whitlock Coil Pipe Company, West Hartford, Conn., a Corporation of Connecticut. Filed Mar. 10, 1922. Serial No. 542,566. 1 Claim. (Cl. 257—239.)

In a device of the character described, a cylindrical shell, a longitudinally extending wall therein dividing said shell except at its rear end into a pair of semi-cylindrical passes or chambers, a plurality of tubes in each chamber and arranged in series, and a plurality of baffle plates in each chamber, alternate baffle plates being in the form of segments terminating at their inner



ends short of said division wall and the intervening baffles being arranged in staggered relation to the alternate ones and being in the form of truncated semicircular plates with their inner edges engaging the surfaces of said division wall.

1,571,890. ICE PICK AND THE LIKE. CARL SCHAUM, Philadelphia, Pa., assignor to Fletcher Works Incorporated, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 27, 1924. Serial No. 758,333. 6 Claims. (Cl. 83—62.)



2. An ice pick handle comprising a head and a shank, said head and shank being integral, the top surface of the head being inclined from one side to the other and said shank being eccentric to said head.

1,571,891. ART OF SOFTENING WATER. ROY G. TELLIER, Chicago Heights, Ill., assignor to The Permutit Company, New York, N. Y., a Corporation of Delaware. Filed May 27, 1916. Serial No. 100,312. 27 Claims. (Cl. 23—112.)

1. The step in the process of softening waters which consists in subjecting such waters to the action of extensive surfaces of a reagent comprising the class of bodies occurring in nature as clays and containing a substantial proportion of alkaline metal silicate.

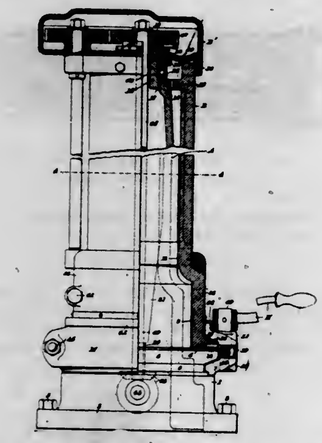
1,571,892. WATER-SOFTENING ART AND MATERIAL. ROY G. TELLIER, Chicago, Ill., assignor to The Permutit Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 6, 1921. Serial No. 498,876. 24 Claims. (Cl. 23—112.)

1. The method of preparing a water-softener which comprises hardening and substantially dehydrating clay containing a compound of a metal of the alkali metal or alkali earth metal groups by heat treatment so applied as to render the product permeable and highly resistant to the disintegrating action of water, and treating such product with a solution containing alkali.

1,571,893. RADIAL-DRILL COLUMN CLAMP. DAVID C. KLAUSMEYER and ROWLAND L. RICKWOOD, Cincinnati, Ohio, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Sept. 15, 1922. Serial No. 588,461. 25 Claims. (Cl. 77—28.)

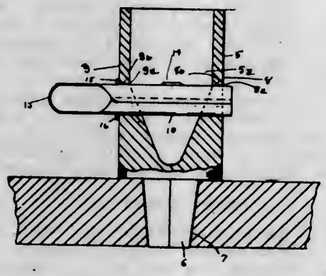
2. A mechanism of the nature disclosed combining a base and a non-rotatable post upstanding thereon; a tubular member suspended from the upper end of said

post and having its lower portion circumscribing said post, said lower portion and the adjacent portion of said base being provided with co-acting bearing-surfaces located in a substantially horizontal plane; means for



permitting a limited depression of said suspended tubular member; and a clamping device cooperating with said means for establishing a positive contact between the aforesaid bearing surfaces.

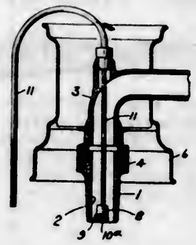
1,571,894. CORE-FORMING DEVICE FOR SASH-WEIGHT CASTING. JOSEPH J. O'BRIEN, Springfield, Mass., assignor to William M. Barnard, Springfield, Mass. Filed Apr. 15, 1922. Serial No. 553,222. 2 Claims. (Cl. 22—13.)



1. A core forming device for sash weight casting consisting of a pair of jaws, one jaw being a U shaped construction and the other jaw having sliding movement therein, the first jaw carrying a casting character thereon, a U shaped spring connecting the jaws to each other and maintaining the same normal interfitting relation and providing a handle for the insertion and removal of the jaws from a core box.

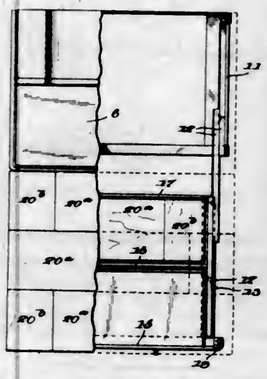
1,571,895. INVERTED INCANDESCENT LIGHT. VICTOR H. SLINACK, Philadelphia, Pa., assignor to Pennsylvania Globe Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Apr. 27, 1921. Serial No. 464,929. 2 Claims. (Cl. 67—94.)

1. An inverted incandescent light comprising an inverted burner having a portion of its bore in the form of an upright cylinder, a fixed cylindrical core impenetrable by the mixture and arranged in and confined to the upright cylindrical portion of the bore of the burner and providing between confronting walls of the cylindrical portion of the burner and of the core an elon-



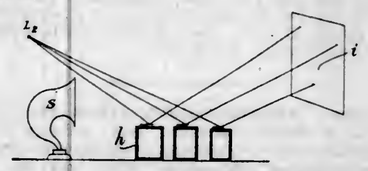
gated upright annular cylindrical discharge duct of substantially contsant cross section and co-axial with the core and with the cylindrical portion of the burner.

1,571,896. COMBINED CHINA CLOSET, BUFFET, AND EXTENSION TABLE. JAMES A. ANDERSON, Grand Rapids, Mich. Filed Jan. 2, 1925. Serial No. 142. 5 Claims. (Cl. 45—113.)



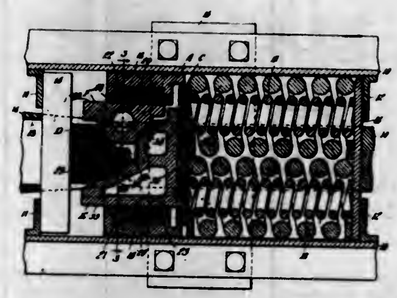
1. In an extension table, a fixed table top and supporting means therefor, pairs of extension slides housed beneath said fixed table top, a plurality of separable leaves adapted to cooperate with said slides to form an extension table, and a compartment carried wholly by and movable with the inner pair of said slides, in which compartment said leaves may be stored when not in use.

1,571,897. TELEGRAPHIC TRANSMISSION OF PICTURES AND IMAGES. EDMUND EDWARD FOURNIER D'ALBE, Kingston-on-Thames, England, assignor of one-half to Bernard Winfield, New York, N. Y. Filed Mar. 12, 1925. Serial No. 15,070. 2 Claims. (Cl. 178—6.)



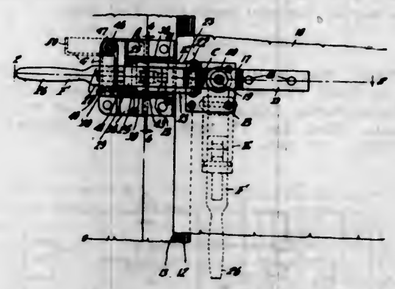
1. An apparatus for the reproduction of pictures or images by television, including resonators, each responsive to a natural note and a reed vibrating with the resonator and having a light-reflecting surface.

1,571,898. FRICTION SHOCK-ABSORBING MECHANISM. STACY B. HASELTINE, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Feb. 8, 1923. Serial No. 617,678. 9 Claims. (Cl. 213—32.)



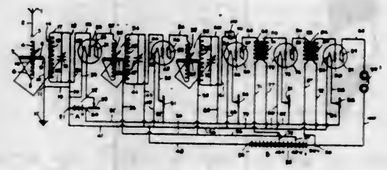
1. In a friction shock absorbing mechanism, the combination with a friction shell having interior opposed friction surfaces relatively converged inwardly of the shell; of a spring resistance; and a friction unit within and cooperable with said shell, said unit comprising a plurality of elements each having engagement with the remaining elements of the unit on faces inclined to the line of the actuating force, the element initially receiving the actuating force tending to expand the unit transverse to the line of the actuating force, and one of the remaining elements operating to overbalance said tendency and expanding the unit in the direction of the applied force during a compression stroke.

1,571,899. DOOR OPERATING AND LOCKING DEVICE. STACY B. HASELTINE, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Dec. 31, 1923, Serial No. 683,552. Renewed Sept. 8, 1925. 11 Claims. (Cl. 292—210.)



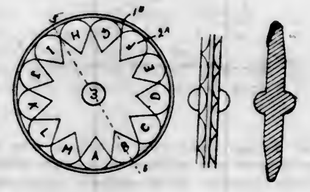
1. In an operating and locking mechanism for a sliding door, the combination with a fixed abutment member; of toggle means adapted to be detachably connected with said abutment for operating the door, said means being supported entirely on the door and including a hand operating lever movable in a horizontal plane engageable with said abutment to hold the door in fixed position; and means for locking said lever to said abutment when engaged therewith to hold the door in closed position.

1,571,900. TUNED RADIOFREQUENCY RECEIVING SYSTEM. FRANCIS L. LORD, Newark, N. J., assignor of one-half to Henry J. Lucke, New York, N. Y. Filed Mar. 12, 1925. Serial No. 15,082. 3 Claims. (Cl. 250—20.)



1. In a multi-stage transformer coupled, radio frequency system, means for varying the capacity reactance in each transformer secondary circuit, means for varying the self-inductance of each primary and the mutual inductance of each transformer, and means for mechanically coupling said first-named means with said second-named means to thereby vary each of said reactances simultaneously and in the same direction, said coils and said condensers being relatively so proportioned that objectionable feed-back oscillations are substantially eliminated.

1,571,901. TOY. JÖNS MONSON, New York, N. Y. Filed Feb. 27, 1925. Serial No. 11,929. 10 Claims. (Cl. 213—147.)



9. A spinning toy comprising a disc-shaped body having central projections on its opposite sides and spaced annular projections at the marginal edges of the same sides, said projections forming resting bases of the toy after being spun.

1,571,902. METHOD OF MAKING GARMENT STAYS. CHARLES C. SELEY, Erie, Pa., assignor to George H. Barlow and Joseph J. Desmond, Corry, Pa. Filed July 27, 1923, Serial No. 654,130. Renewed Dec. 7, 1925. 2 Claims. (Cl. 140—91.)



1. The method of forming a garment stay from a wire, consisting in bending the wire into a series of sinuous oppositely disposed helical loops, and then passing said bent wire between press rolls in a direction opposite to that in which the succession of loops were formed whereby said loops are turned over backwards.

1,571,903. SOLDERING IRON. VICTOR J. ROSENBLATT, Alexandria, Egypt. Filed Oct. 17, 1923. Serial No. 669,143. 1 Claim. (Cl. 113—107.)

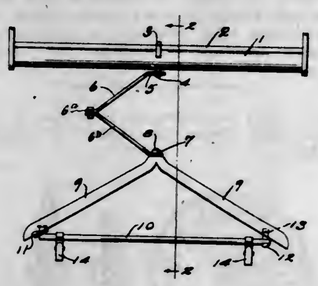
A soldering iron comprising a hollow head having openings in opposite sides and in one end, a hollow

handle secured to one of the unapertured sides of the head and communicating therewith, and a piston in the handle arranged to be reciprocated to draw air



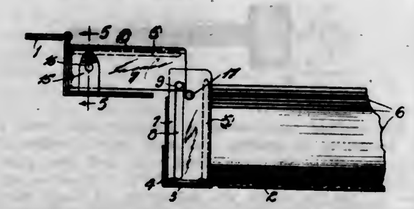
through the head and into the handle, when moved in one direction, and to force said air out of said head upon movement in the opposite direction.

1,571,904. GARMENT HANGER. GROVER A. SIMS, Remlig, Tex. Filed Oct. 11, 1923. Serial No. 667,859. 1 Claim. (Cl. 223—62.)



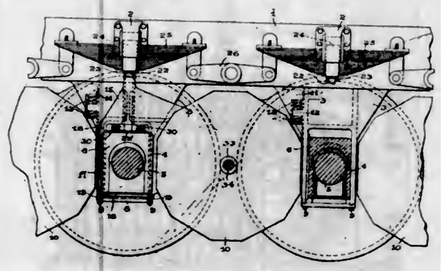
A garment hanger comprising a rod, a ring member having spaced ends and adapted to engage aroond the rod, said ring member being slidable upon the rod. means for holding the ring member against turning movement upon the rod, angularly disposed levers pivotally connected together, the end of one of the levers being pivotally connected with the ring member by a pivot pin which is aligned radially with the center of the ring and the rod and a garment support pivotally connected with the end of the other lever.

1,571,905. LOOSE-LEAF BINDER. OTTO L. HERMANN, St. Louis, Mo., assignor to Buxton & Skinner Printing and Stationery Company, St. Louis, Mo., a Corporation of Missouri. Filed Mar. 16, 1925. Serial No. 15,933. 6 Claims. (Cl. 129—12.)



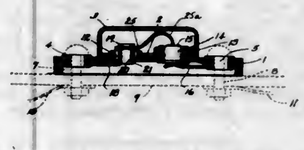
1. A loose leaf binder comprising front and back covers having end members, upstanding pins on said end members, and upstanding flange members at the ends of said end members connected by slot and pin connections, the flange members of one cover having rebent flanges adapted to engage the forward edges of the flange members of the other cover.

1,571,906. MOTOR SUSPENSION. HARALD A. KJELBERG, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 27, 1923. Serial No. 671,170. Renewed Jan. 7, 1926. 9 Claims. (Cl. 105—82.)



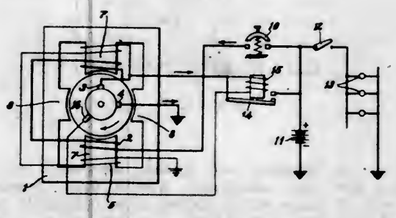
1. A motor drive for electrically operated railway vehicles comprising a plurality of motors having a resilient connection with the vehicle frame and having pedestal arms adapted to engage the journal boxes of the wheel axles.

1,571,907. DETECTOR. THOMAS G. MCCLANAHAN, Seattle, Wash. Filed Mar. 29, 1924. Serial No. 702,756. 2 Claims. (Cl. 250—31.)



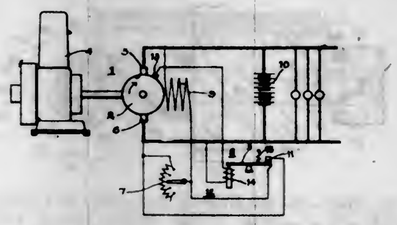
1. A detector comprising a base block of insulating material having openings therethrough one of which is adapted for seating a crystal therein, a spring arm fixed to the block and adapted to retain the crystal adjustably and removably in said opening, a second spring arm fixed to the block and having a contact supporting means at one end extending through another of the said openings, a contact wire supported adjustably in said means for contact with the crystal and means whereby the spring arms may be connected electrically in a circuit.

1,571,908. ELECTRICAL SYSTEM. WILLIAM E. MENZIES, Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 27, 1922. Serial No. 556,822. 5 Claims. (Cl. 290—31.)



1. An electrical system comprising a dynamo-electric machine having main and auxiliary brushes, a load circuit for said machine, and a cutout for controlling said load circuit, said cutout having a single coil connected across a main brush and an auxiliary brush of said machine.

1,571,909. REGULATOR SYSTEM. WILLIAM E. MENZIES, Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 13, 1922, Serial No. 574,736. Renewed Jan. 7, 1926. 5 Claims. (Cl. 171—223.)



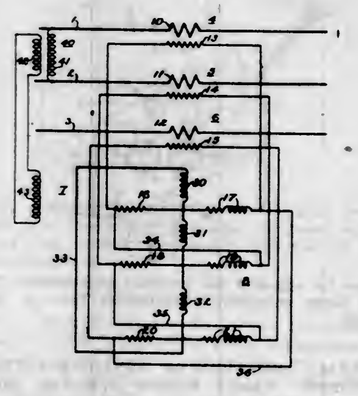
1. In a system of regulation, the combination with a generator having an armature, a plurality of brushes therefor, and a field-magnet winding, of a regulator for governing the excitation of said generator, said regulator being responsive to current derived from said generator through one of the brushes co-operating with said armature, said brush being so located as to receive current that decreases with a decrease in armature current.

1,571,910. ELECTRICAL MEASURING SYSTEM. ALEXANDER NYMAN, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 5, 1920. Serial No. 422,025. 10 Claims. (Cl. 172—245.)

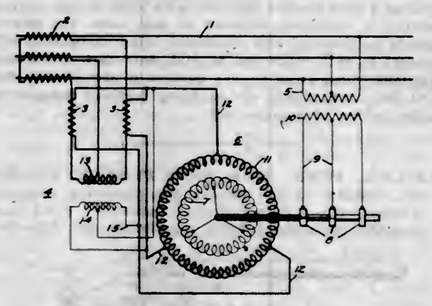
5. The combination with a polyphase circuit and two windings, of static means comprising resistors and reactors connected between the circuit and the windings and having such characteristics that the windings are traversed by out-of-phase currents proportional to components of the positive phase-sequence components of the currents of the circuit.

1,571,911. ELECTRICAL MEASURING INSTRUMENT. ALEXANDER NYMAN, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 18, 1921, Serial No. 493,338. Renewed Jan. 7, 1926. 5 Claims. (Cl. 172—245.)

5. In a polyphase electric circuit, the combination of means for segregating a phase-sequence component of an electrical quantity of the circuit comprising a plurality of groups of equal impedances of unlike phase characteristics, said groups being symmetrically connected to different phase conductors of the circuit and an electro-responsive device having a polyphase winding so connected to said impedances as to be energized in accordance with said component.



1,571,912. VOLT-AMPERE METER. BENJAMIN H. SMITH, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 6, 1922, Serial No. 534,286. Renewed Jan. 7, 1926. 9 Claims. (Cl. 171—309.)

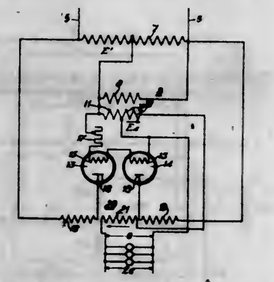


6. In an alternating-current circuit, the combination with a meter, of a translating device including only two inductively related windings, said windings being relatively movable by the inductive effort thereof in accordance with power-factor changes in the circuit for supplying current to the meter.

1,571,913. ELECTRON-TUBE VOLTAGE REGULATOR. PAUL T. WEEKS, East Orange, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Apr. 23, 1920, Serial No. 375,929. Renewed Jan. 7, 1926. 4 Claims. (Cl. 171—119.)

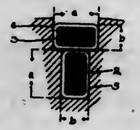
1. In a regulating system for ensuring the supply of a substantially constant electromotive force to a load circuit from a supply circuit of variable electromotive force, the combination with major energizing means for supplying an electromotive force to said load circuit directly from said supply circuit, of minor energizing means

for developing an electromotive force variable with the electromotive force of said supply circuit but magnifying percentage variations in said electromotive force, and



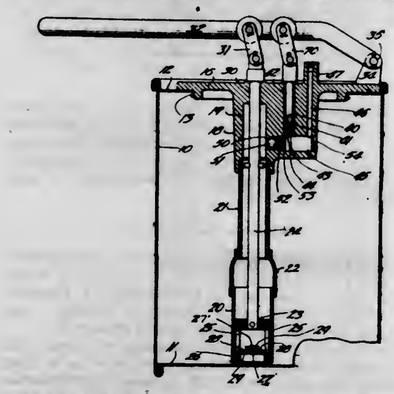
means for opposing the resultant electromotive force to said major energizing electromotive force in the load circuit.

1,571,914. ARMATURE OF DYNAMO-ELECTRIC MACHINES. GEORGE HERBERT FLETCHER, Ashton-on-Mersey, England, assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 2, 1922, Serial No. 585,846. Renewed Jan. 7, 1926. 2 Claims. (Cl. 171—206.)



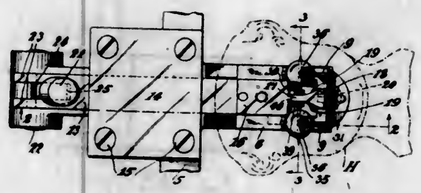
2. An armature for a dynamo-electric machine comprising a core member provided with slots having varying widths, a conductor disposed in said slots, the slot-engaging portions of said conductor being so twisted with respect to each other and to said slots that one of said portions engages the narrow portion of one of said slots and the other of said slot-engaging portions engages the wide portion of another slot.

1,571,915. PUMP. JAMES HENLY FRIEB, Jr., Evanston, Ill., assignor to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed Sept. 5, 1922. Serial No. 586,071. 12 Claims. (Cl. 221—80.)



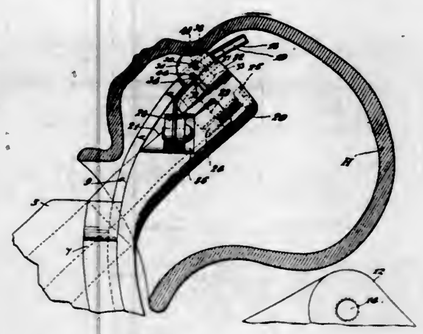
8. A lubricating pump comprising a low pressure cylinder, a high pressure cylinder, and common means for separately controlling the discharge from said cylinders.

1,571,916. METHOD AND MEANS FOR APPLYING EYE MOUNTINGS IN DOLL HEADS. LEO J. GRUBMAN, Belle Harbor, N. Y., assignor to L. J. Grubman, Incorporated, Long Island City, N. Y., a Corporation of New York. Filed Jan. 22, 1925. Serial No. 3,931. 20 Claims. (Cl. 29—84.)



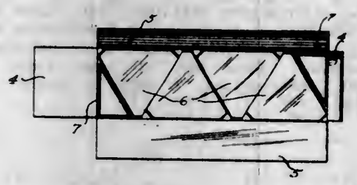
10. Means for mounting an eye setting in a doll head, comprising a support, a cam element slidably mounted upon said support, spaced means on the support to coact with parts of the eye setting and with spaced eye members thereof to position individual fulcrum pins of the said eye members relative to said cam element at the opposite sides of the latter, and means for actuating said cam element to cause the same to coact simultaneously with the inner opposed ends of said pins and axially move the same in relatively opposite directions relative to the eye members to seat the other ends of said pins in spaced surfaces on the doll head wall.

1,571,917. METHOD AND MEANS FOR APPLYING EYE MOUNTINGS IN DOLL HEADS. LEO J. GRUBMAN, Belle Harbor, N. Y., assignor to Grubman Engineering & Manufacturing Co. Inc., Long Island City, N. Y., a Corporation of New York. Filed May 23, 1925. Serial No. 32,302. 19 Claims. (Cl. 29—84.)



8. A tool for applying an eye mounting in a completely formed doll head comprising a supporting arm, means for removably holding an eye mounting on said arm for pivotal movement with respect thereto, a manually operable element coacting with the latter means to pivotally move the same and position the eye mounting with its longer axis in parallel relation to said supporting arm whereby said supporting arm and the mounting may be positioned within a doll head through the neck thereof, and said element being subsequently operable to actuate said pivoted holding means for the mounting and dispose the mounting with its longer axis substantially at right angles to the vertical axis of the doll head whereby the spaced eye members of the mounting may be positioned with relation to spaced openings of the doll head wall, and means operable from the exterior of the doll head and adapted to coact with parts of the eye mounting to engage the same with the doll head wall and permanently fix the eye mounting in an operative position relative thereto.

1,571,918. CARTON AND METHOD OF PACKING THE SAME. CESARE BARBIERI, New York, N. Y., assignor to The Vortex Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Dec. 3, 1923. Serial No. 678,119. 2 Claims. (Cl. 206—46.)



1. In combination, a rectangular exterior carton, and a plurality of interior cartons, each of the latter being of hexagonal cross-section with alternate sides of smaller width than the intervening sides, said larger and smaller sides being respectively of equal dimensions, whereby said cartons will interfit in the exterior carton under any manner of lateral disposition therein.

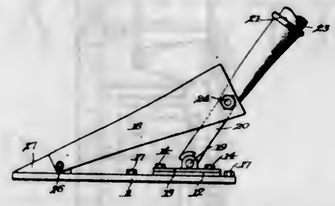
1,571,919. ADJUSTABLE STILT. EDWIN A. BOARDMAN, Hoquiam, Wash., assignor to James F. O'Brien, Seattle, Wash. Filed Jan. 28, 1925. Serial No. 5,334. 4 Claims. (Cl. 272—70.1.)



3. A stilt comprising a pole, a foot rest having an arcuate surface adapted to contact with the adjacent side of said pole, means for adjustably securing said foot rest on the pole, said means including a gripping member united with said foot rest and reaching around said pole and a serrated edge on said member adapted to be pressed against the opposite side of said pole, and a spring inserted between said arcuate surface of said member and the side of the pole.

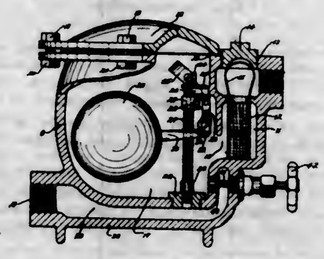
1,571,920. TRACK LINER. JOHN CLARK, Walkerton, Ind. Filed Aug. 6, 1925. Serial No. 48,599. 2 Claims. (Cl. 254—44.)

1. A track liner including a base plate, an operating lever, a movable foot for said operating lever longitudinally slidable on said base plate, said operating lever being pivotally associated with said movable foot, a track-engaging lever pivoted to said operating lever, a pivot for the forward end of said track-engaging lever, and means securing said pivot in fixed relation to said base plate, said means fixing said pivot forcing said movable foot to slide longitudinally on said base plate



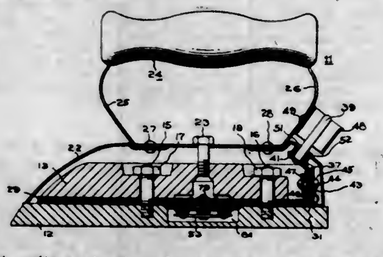
upon any raising or lowering movement of said operating lever and compelling all sliding movement within said track liner to take place between said movable foot and said base plate.

1,571,921. STEAM TRAP. FRANK L. HUTCHINSON, Wauwatosa, Wis., assignor, by mesne assignments, to Milwaukee Valve Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed May 31, 1924. Serial No. 716,980. 4 Claims. (Cl. 236—53.)



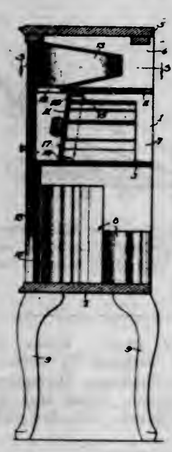
1. A steam trap, comprising a casing forming a chamber provided with inlet and outlet openings, a float, a valve provided with a valve stem for controlling said outlet opening, the stem of said valve having a passage providing communication between said chamber and outlet opening, means for closing said passage, and a compound leverage between said float and the valve stem for operating the valve.

1,571,922. ELECTRICALLY-HEATED APPLIANCE. VICTOR G. VAUGHAN, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 8, 1924, Serial No. 704,973. Renewed Jan. 7, 1926. 7 Claims. (Cl. 219—25.)



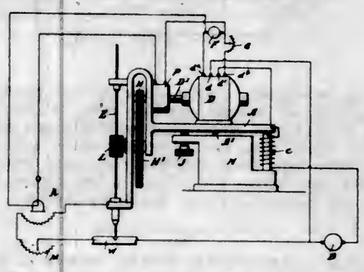
5. A unitary structure for a device to be heated having a sole plate, comprising an encased heating unit supported by said sole plate, and a thermostatically-actuated circuit-controlling means operatively associated with and directly supported by said heating unit and subjected primarily to the heat of said sole plate.

1,571,923. RADIO APPARATUS CABINET. WILLIAM H. WADE, Chicago, Ill. Filed Jan. 10, 1924. Serial No. 685,340. 2 Claims. (Cl. 45—52.)



1. Radio apparatus comprising a resonator, a telephonic receiver for said resonator, rigid therewith, a radio front tuning panel, means forming a chamber for said resonator and telephonic instrument, the resonator being rigidly mounted therein, means forming a chamber back of said tuning panel, and instrumentalities co-operating with both of said means to form a cabinet-like structure in which one chamber is disposed in fixed relation to the other, whereby said apparatus is combined in one unitary structure in which the resonator is fully enclosed, having a cabinet-like exterior, said tuning panel being set into the cabinet a distance, to provide a space in front of said tuning panel, which space communicates with the interior of the resonator, so that the front of the tuning panel will reflect the sound outwardly.

1,571,924. AUTOMATIC WELDER. OTIS ALLEN KENYON, New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 13, 1920, Serial No. 430,407. Renewed Jan. 7, 1926. 1 Claim. (Cl. 219—8.)



In an automatic arc welding machine utilizing an arc between a consumable electrode and the work, the combination of electrode feeding mechanism including a rotating electric motor electrically energized in such manner as to automatically accelerate when the arc is too long and decelerate when the arc is too short, and electro-responsive clutch mechanism for disengaging said motor from the electrode and permitting the latter to remain stationary during the time when an unusually short arc-length is momentarily obtained during the operation of the machine.

Patents Nos. 1,571,925 to 1,572,868.

THE OFFICIAL GAZETTE OF THE United States Patent Office.

Vol. 343—No. 2. TUESDAY, FEBRUARY 9, 1926. Price—$5 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $5.00 per annum; single numbers, 10 cents each.

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Patents	944—No.	1,571,925 to No.	1,572,868, inclusive.
Total	1,479		

Interference Notices.

U. S. PATENT OFFICE, *Washington, Jan. 27, 1926.*

Devon Manufacturing Company, Inc., its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Lindeke, Warner & Sons, Incorporated, Fourth and Broadway, St. Paul, Minn., for registration of a trade-mark and trade-mark registered November 7, 1922, No. 161,114, to Devon Manufacturing Company, Inc., 24 Boerum Street, Brooklyn, N. Y., and a notice of such declaration sent by registered mail to said Devon Manufacturing Company, Inc., at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Devon Manufacturing Company, Inc., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. PATENT OFFICE, *Washington, Jan. 21, 1926.*

James M. Gaar, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the applications for patent of James M. Gaar, 9 East Thirty-ninth Street, New York, N. Y., and Leslie Stevens, 46 East Houston Street, New York, N. Y., and counsel for Gaar having informed the Office that the present whereabouts of Gaar is unknown to them, notice is hereby given that unless said James M. Gaar, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. PATENT OFFICE, *Washington, Jan. 21, 1926.*

James M. Gaar, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the applications for patent of James M. Gaar, 9 East Thirty-ninth Street, New York, N. Y., Jesse B. Hawley, 829 Sixteenth Street, Wilmette, Ill., and Leslie Stevens, 46 East Houston Street, New York, N. Y., and counsel for Gaar having informed the Office that the present whereabouts of Gaar is unknown to them, notice is hereby given that unless said James M. Gaar, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. PATENT OFFICE, *Washington, Jan. 21, 1926.*

James M. Gaar, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the applications for patent of James M. Gaar, 9 East Thirty-ninth Street, New York, N. Y., Jesse B. Hawley, 829 Sixteenth Street, Wilmette, Ill., and Ralph H. Townsend, 829 Sixteenth Street, Wilmette, Ill., and 209 Hillside Avenue, Mount Vernon, N. Y., respectively, Benjamin F. Miessner, South Orange, N. J., and Leslie Stevens, 46 East Houston Street, New York, N. Y., and counsel for Gaar having informed the Office that the present whereabouts of Gaar is unknown to them, notice is hereby given that unless said James M. Gaar, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. PATENT OFFICE, *Washington, Jan. 15, 1926.*

Robert Carr, his assigns or legal representatives, take notice:

An interference has been declared by this Office between applications for patents filed by Thomas Lonet, of 273 Ninth Street, Oakland, Calif., and Robert Carr, of General Delivery, Anaconda, Mont. Counsel for Carr states that the present whereabouts of Carr is unknown to him. Notice is hereby given that unless said Carr, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

Condition of Applications Under Examination at Close of Business January 29, 1926.

(Total number of applications awaiting action, excluding Trade-Mark Division, 40,810; Trade-Mark Division, 2,158. Oldest new case, Aug. 1, 1925; oldest amended, July 30, 1925. The dates given are 1925 except where † indicates 1926.)

Room No.	Divisions, Examiners, and Subjects of Inventions.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Harrows and Diggers; Plant Husbandry; Plows; Planting; Scattering Unloaders.	Nov. 3	Nov. 4	587
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Sept. 30	Aug. 24	592
331	3. RICH, WM. J., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 3	Nov. 4	701
234	4. MERRITT, A. D., Conveyers, Chutes, Skids, Guides, and Ways; Conveyers, Fluid Current; Conveyers, Power Driven; Excavating; Handling—Hand and Hoist-Line Implements; Material or Article Handling; Pushing and Pulling Implements, Traversing Hoists.	Nov. 6	Oct. 31	543
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording and Reproducing; Tying Cords or Strands.	Aug. 31	Sept. 10	819
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Hides, Skins and Leather; Sugar and Starch; Concentrating Evaporators.	Oct. 28	Oct. 24	1,031
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Nov. 7	Nov. 7	794
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Nov. 6	Nov. 9	1,124
221	9. TRYON, F. M., Air and Gas Pumps; Hydraulic Motors; Injectors and Ejectors; Motors, Fluid; Motors, Fluid Current; Pumps.	Oct. 22	Oct. 15	614
118	10. HUNTER, O. F. (Acting), Motor Vehicles; Land Vehicles—Animal Draft Appliances, Bodies and Tops, Dumping.	Oct. 5	Oct. 28	990
148*	11. ARMSTRONG, H. C., Boot and Shoe Making; Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whips and Whip Apparatus; Cutting and Punching Sheets and Bars; Driven, Headed, and Screw-Threaded Fastenings.	Nov. 3	Oct. 30	789
330	12. PIERCE, P. P., Machine Elements	Oct. 19	Oct. 22	649
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning.	Oct. 31	Nov. 11	681
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Sept. 30	Oct. 16	869
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Oct. 29	Oct. 29	636
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Sept. 17	Sept. 19	951
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Oct. 30	Oct. 31	362
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 14	Sept. 15	808
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Sept. 19	Nov. 30	497
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Nov. 9	Nov. 12	764
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Oct. 15	Nov. 6	449
241*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms; Ordnance; Ammunition and Explosive Devices; Ammunition and Explosive-Charge Making; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Nov. 16	Nov. 18	507
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 2	Aug. 14	303
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Nov. 9	Nov. 30	492
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Nov. 5	Oct. 30	742
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Aug. 6	Aug. 14	741
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Nov. 30	Dec. 3	498
225	28. BENSON, A. R., Internal-Combustion Engines	Dec. 1	Dec. 2	689
160*	29. MORRIS, B. N., Abrading; Boring and Drilling; Button Making; Chucks or Sockets; Coopering; Tool-Handle Fastenings; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Aug. 1	July 30	1,068
248	30. SULLIVAN, M. R., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Nov. 2	Nov. 10	852
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Dec. 4	Dec. 2	696
249	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Aug. 25	Aug. 24	618
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Dec. 2	Nov. 27	627
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways; Railway Rolling Stock; Railway Switches and Signals; Railways, Surface Track; Railway Wheels and Axles; Store Service; Track Sanders; Vehicle Fenders.	Sept. 2	Sept. 1	702
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Nov. 4	Nov. 17	488
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Oct. 8	Oct. 22	1,118
224*	37. TAYLOR, E. C., Electricity, Circuit Makers and Breakers	Nov. 2	Oct. 30	819
145	38. IDE, G. R., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Aug. 29	Aug. 29	853
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Oct. 24	Nov. 2	466
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Cloth, Leather, and Rubber Receptacles; Deposit and Collection Receptacles; Metallic Receptacles; Package and Article Carriers; Paper Receptacles; Special Receptacles and Packages; Wooden Receptacles.	Oct. 20	Oct. 20	1,147
125	41. BROWN, J. I., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Nov. 2	Oct. 30	422
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Sept. 16	Sept. 16	1,181
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Oct. 29	Oct. 29	756
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Aug. 4	Aug. 7	864
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Oct. 17	Oct. 16	565
233	46. WOLCOTT, C. L., Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Oct. 27	Oct. 27	605
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Oct. 1	Oct. 3	1,092
213*	48. ROEPKE, O. B., Electricity, Conductors; Electricity, General Applications	Aug. 28	Aug. 28	1,593
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Pneumatics; Velocipedes; Driers; Liquid Separation or Purification.	Oct. 7	Oct. 27	651
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Sept. 21	Sept. 29	1,174
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission; Electric Lamps	Sept. 10	Aug. 26	1,672
144	52. MORGAN, E. T., Supports; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings.	Nov. 27	Nov. 21	527
241*	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Nov. 10	Nov. 9	657
102	Designs: C. O. MARKHAM (Acting)	†Jan. 13	†Jan. 8	365
163	Trade-Marks, Labels, and Prints: T. L. MEAD, Jr. Trade-Marks	Dec. 23	†Jan. 16	2,031
	Labels and Prints	Dec. 29	†Jan. 16	127

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decisions.

JACOBI *v.* WINNING *v.* DOUGLAS.

Decided December 16, 1925.

1. INTERFERENCE—MOTION TO DISSOLVE BY APPLICANT IN INTERFERENCE WITH PATENTEE ON GROUND THAT ISSUE IS NOT PATENTABLE.

If the single applicant in interference with a patentee moves to dissolve on the ground that the issue is not patentable, the interference will be dissolved without considering the merits of the case and the moving party will be refused a patent embodying the issue of the interference.

2. SAME—MOTION TO DISSOLVE BY APPLICANT IN INTERFERENCE WITH PATENTEE AND ANOTHER APPLICANT ON GROUND THAT ISSUE IS NOT PATENTABLE.

Where one of two applicants in interference with a patentee moves to dissolve on the ground that the issue is not patentable, the motion will be set for hearing.

ON PETITION.

Mr. Richard S. C. Caldwell for Jacobi.

Messrs. Ervin, Wheeler & Woolard and *Messrs. Cushman, Bryant & Darby* for Winning.

Mr. George L. Cragg and *Messrs. Rector, Hibbin, Davis & Macauley* for Douglas.

ROBERTSON, *Commissioner:*

The party Douglas petitions the Commissioner to exercise his supervisory authority and direct that Jacobi's motion to dissolve be not heard and that the interference be dissolved as to Jacobi on his admission that he is not entitled to a patent including the counts of the issue by reason of his motion, the party Douglas being a patentee.

[1] It has been frequently held that if the single applicant in interference with a patentee moves to dissolve on the ground that the issue is not patentable the interference will be dissolved without considering the merits of the case and the moving party will be refused a patent containing claims embodying the issue of the interference. So far as I am aware there has been no published decision treating a case like the present one, in which one of two applicants in interference with a patentee moves to dissolve on the ground that the issue is not patentable.

The trend of Commissioners' decisions may be perceived in the following extracts:

> The only question to be determined in the interference is whether a patent shall issue to Robins, since he is the *only applicant* claiming the invention, etc. (*Robins, jr. v. Titus and Titus*, 1904 C. D. 154.)
>
> This Office does not refuse to entertain motions or decide questions upon the mere ground that the decision may cast a cloud upon a patent already issued. It does refuse, however, when that is the *only* effect of the decision. (*Baltzley v. Esenberger*, 1905 C. D. 120.)
>
> The question of patentability is not a moot one, and there is no principle of estoppel which prevents this Office from considering it for fear that a patent previously granted will be discredited. In such a case the discrediting of the patent is a mere incident to the decision of a matter which is of vital importance. (*Yarnall v. Pope*, 1905 C. D. 140.)
>
> He (Griffith) contends that it (the motion to dissolve) should not be transmitted because a decision * * * might cast a cloud on Griffith's prior patent. The reason is not sufficient. (*Griffith v. Dodgson*, 1906 C. D. 204.)
>
> A motion to dissolve merely raises the question of whether an interference properly exists. This preliminary question must be disposed of prior to the award of priority. That this determination may incidentally cast a cloud on the patent should not deter the Office from taking proper action. (*Blood v. Ross*, 1910 C. D. 229.)

[2] In the present case the question of patentability is not a moot question, neither is the question whether a patent shall issue to Jacobi the only one to be determined. Even if Jacobi were eliminated upon his alleged admission an interference would go on between Winning and Douglas and the patentability of the issue is just as important as in an interference between two applicants. In fact, as pointed out by Douglas in his reply to Jacobi's opposition, a three-party interference is in effect three interferences, and one of these interferences is between Winning and Jacobi.

Jacobi's changed attitude since he copied the claims for interference does not warrant eliminating him from the interference. Parties who have insisted on the patentability of their claims in ex parte proceedings and parties who have adopted claims suggested by the Office are permitted to attack the patentability of these same claims when thrown into interference. As was said under different circumstances in *Griffith v. Dodgson*, 1905 C. D. 202:

> The moving party is heard to argue against the patentability of the issue for the assistance of the Office in properly deciding a question kept actually and properly before it by the opposing applicant insisting upon his right to a patent.

An additional reason for refusing Douglas's petition is that if Jacobi should be the first inventor and he were excluded from the interference it might occur that priority would be awarded to Winning, and thus there would be two patents for the same invention and neither granted to the first inventor.

The petition is denied.

LOOSE-WILES BISCUIT COMPANY *v.* JOHNSON EDUCATOR FOOD COMPANY.

Decided August 28, 1924.

TRADE-MARKS—OPPOSITION—"COOKIELAND" NOT DESCRIPTIVE.

The mark "Cookieland" is not descriptive, and where opposer does not use it as a trade-mark, but bases its opposition upon the contention that the word is descriptive, *Held* that it is registrable to applicant.

(*Affirmed by the Court of Appeals of the District of Columbia.* *See p. 228 post.*)

Opposition No. 3,583.

APPEAL from the Examiner of Interferences.

TRADE-MARK FOR COOKIES, CRACKERS, CAKES, AND BISCUITS.

Application of Johnson Educator Food Company filed December 28, 1920, Serial No. 141,578, published June 13, 1921.

Messrs. Emery, Booth, Janney & Varney and *Mr. Wm. L. Symons* for Loose-Wiles Biscuit Company.

Mr. Henry C. Thomson and *Mr. Nathan B. Day* for Johnson Educator Food Company.

FENNING, *Assistant Commissioner:*

The Loose-Wiles Biscuit Company appeal from the action of the Examiner of Interferences in dismissing notice of opposition brought against the registration by the Johnson Educator Food Company of "Cookieland" for cookies, crackers, cakes, and biscuits.

There is no suggestion that opposer has ever affixed an equivalent mark to its goods. The record tends to indicate that some of its employees have applied "cookieland" to its factory. The notice of opposition alleges that the applicant's mark "indicates origin and is descriptive of the place or places of manufacture." Opposer urges that registration should be refused since the mark is "quasi-geographical." It urges that cookieland is a common expression to indicate a cooky factory and that the word consequently merely means cookies from a bakery. I am satisfied that the word is a coined word of such fanciful character as to be suggestive rather than descriptive. It is urged that since the mark indicates that the cookies come from a place where cookies are made, to give applicant exclusive right to the mark will tend to indicate to the public that applicant is the only person who makes cookies and that its factory is the one source of cooky supply. This argument is interesting, but too refined and fanciful to be given serious consideration. Opposer breaks the word into its parts, "cookie" and "land", and argues that neither of these parts alone is registrable, and hence the combined word is not registrable. This is a non sequitur and can not prevail. Opposer urges that one of the purposes and effects of the use of the mark—

is to convey at once to the mind of the general public the information that the cookies so described are superior to other cookies.

There may be some suggestion of this sort, but certainly applicant is entitled to employ such a suggestion if it is not absolutely descriptive, and the present mark certainly is not that.

Since opposer admittedly has no trade-mark use of the term, we might be justified in dismissing the opposition on the ground that it has shown no damage, in view of *Touraine Company* v. *F. B. Washburn & Company*, 1923 C. D. 174, but I have gone into the merits of the case and reached the definite conclusion that the mark is suggestive within the degree allowed by cases and not descriptive.

The Examiner of Interferences is affirmed.

TUNSTALL *v.* WHITE.

Decided August 4, 1925.

INTERFERENCE—DISSOLUTION—COMMON OWNERSHIP.

Where it appeared after the argument that the same trustees had become the owners of both applications, the interference was dissolved and the applications restored to the Primary Examiner, who was instructed to see that the proper election was made.

Mr. O. Ellery Edwards and *Messrs. Southgate & Southgate* for Tunstall.

Messrs. Mitchell Bros. for White.

FENNING, *Assistant Commissioner:*

This is an appeal from the action of the Examiner of Interferences awarding priority to White.

Since the argument of the case before me the suit instituted by Conway et al., owners of the Tunstall application, has been argued and decided on appeal to the Circuit Court of Appeals for the Second Circuit. On June 29, 1925, that court handed down a decision directing the district court to enter a decree giving plaintiffs title to the White application here involved. It appears, therefore, that both applications here involved are owned by Conway et al., trustees. Under these circumstances it becomes unnecessary to decide the interference. The burden is upon the owner of both applications to determine for himself on which application he wishes a patent to issue. See rule 94 and *Schreiber* v. *Bauer*, 258 O. G., 813; 1919 C. D. 4.

The interference is therefore dissolved and the applications restored to the Primary Examiner, who will see that the proper election is made.

Court of Appeals of the District of Columbia.

LOOSE-WILES BISCUIT COMPANY *v.* JOHNSON EDUCATOR FOOD COMPANY.

No. 1,773. Decided December 7, 1925.

APPEAL from Patent Office. Affirmed.

Mr. F. L. Emery, Mr. Irving U. Townsend, jr., and *Mr. Alva D Adams* for Loose-Wiles Biscuit Co.

Mr. Henry Calver for Johnson Educator Food Co.

(For Commissioner's decision see p. 227 ante.)

Before MARTIN, Chief Justice, ROBB, Justice, and SMITH, Judge U. S. Court of Customs Appeals.

ROBB, *J.:*

Appeal from concurrent decisions of the Patent Office dismissing appellant's opposition to the registration by appellee of the word "Cookieland" as a trade-mark for cookies, crackers, cakes, and biscuits.

Appellant does not use this mark as a trade-mark, but bases its opposition upon the contention that the word is descriptive. We agree with the Patent Office that "Cookieland" is not descriptive, within the meaning of the Trade-Mark Act, and hence that it is registrable to the appellee. Decision affirmed.

Affirmed.

ADJUDICATED PATENTS.

(C. C. A. Ill.) The Maginn patent, No. 982,217, for car wheel with metal tires, claims 1, 3, and 5 *Held* not infringed. *Maginn* v. *Diamond T. Motor Car Co.*, 8 F. (2d) 609.

(D. C. N. Y.) The Bell patent, No. 1,141,520, for superheater boiler, claims 4, 6, 7, and 9 *Held* not infringed. *Babcock & Wilcox Co.* v. *Springfield Boiler Co.*, 8 F. (2d) 618.

(C. C. A. Ohio.) The Gerosa patent, No. 1,263,879, for crank-case repair arm, *Held* invalid. *Gerosa* v. *Columbia Metal Stamping & Die Co.*, 8 F. (2d) 611.

(C. C. A. Cal.) The Gaertner patent, No. 1,413,467, for net roller on fishing boats, *Held* invalid. *Gaertner* v. *Dragich*, 8 F. (2d) 568.

(D. C. N. Y.) The Pratt reissue patent, No. 15,210, for superheater boiler, claims 1, 2, 4, and 6 *Held* not infringed. *Babcock & Wilcox Co.* v. *Springfield Boiler Co.*, 8 F. (2d) 618.

(D. C. Ohio.) The Pashek design patent, No. 52,962, for automobile tire tread, *Held* invalid. *Pashek* v. *Dunlop Tyre & Rubber Co.*, 8 F. (2d) 640.

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,466,098, E. C. Myers, Harvester, decided December 28, 1925, claims 1, 2, 4, 21, and 22.

Pat. 1,477,287, Sauzedde and Buchanan, Spare-wheel mounting, decided December 30, 1925, claims 1 to 4, inclusive.

Pat. 1,497,902, W. J. Grotenhuis, Automobile bumper, decided December 28, 1925, claims 1 and 2.

Pat. 1,502,747, S. Sachs, Foldable turntable for talking machines, decided December 30, 1925, claim 1.

Final decisions in interferences have been rendered against the following registered trade-marks:

T. M. 77,755, Washing compound, Anne E. Rawlins, St. Louis, Mo. Registered May 3, 1910. Decided December 28, 1925.

T. M. 98,089, Vending and dispensing machines, The R. & H. Manufacturing Company, Hartford, Conn. Registered June 30, 1914. Decided December 23, 1925.

T. M. 147,333, Scarfs, stockings, socks, and sweaters for men, women, and children, of textile fabrics. F. C. Huyck & Sons, Albany, N. Y. Registered October 11, 1921. Decided December 30, 1925.

T. M. 186,742, Fresh vegetables, fresh deciduous fruits, W. M. Fewel, Centerville, Calif. Registered July 22, 1924. Decided December 12, 1925.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

906,204, E. A. Custer, Art of casting pipe; **922,754**, same, Art of casting hollow structures in permanent molds having permanent cores; **927,496**, same, Metal product from cast iron; **1,043,404**, same, Process of producing casting having relatively large section in permanent molds, suit filed Dec. 5, 1925, D. C., S. D. N. Y., Doc. E 34/343, *Schaap Products Corp.* v. *U. S. Cast Iron Pipe & Foundry Co.* Same, suit filed Dec. 7, 1925, D. C., E. D. Mich. (S. Div.), Doc. 1268, *Schaap Products Corp.* v. *Holly Carburetor Co.*

908,668, G. E. Heyl-Dia, Exhibiting machine; **1,181,917**, W. L. Deming, Autographic register; **1,299,024**, B. A. Proctor, Stock quotation projector, suits filed Nov. 30, 1925, D. C., S. D. N. Y., Doc. E 34/325, *News Projection Corp.* v. *H. Hornblower et al.* (*Hornblower & Weeks*); and E 34/326, *News Projection Corp.* v. *E. F. Hutton et al.* (*E. F. Hutton & Co.*); and Doc. E 34/327, *News Projection Corp.* v. *J. B Clews et al.* (*Henry Clews & Co.*); and Doc. E 34/328, *News Projection Corp.* v. *T. F. Allen et al.* (*T. L. Manson Co.*).

922,754. (See 906,204.)

927,496. (See 906,204.)

1,043,404. (See 906,204.)

1,050,441, R. A. Fessenden, Electric signaling apparatus; **1,050,728**, same, Method of signaling; 1,113,149, E. H. Armstrong, Wireless receiving system, suit filed Nov. 30, 1925, D. C., S. D. N. Y., Doc. E 34/329, *Westinghouse Electric & Mfg. Co. et al.* v. *Radio Specialty Co., Inc.*

1,050,728. (See 1,050,441.)

1,103,475, J. M. Bird, Valve, suit filed Dec. 8, 1925, D. C., N. D. Tex. (Ft. Worth), Doc. E 434, *J. M. Bird* v. *Axtell Co.* Decree for defendant; bill dismissed Dec. 8, 1925.

1,113,149. (See 1,050,441.)

1,113,275, C. A. Woodbury, Process of varying velocity of detonation of explosives; **1,124,679**, same, Explosive; 1,131,361, F. L. Gallup, Process of making granular nitrate of ammonia, bill dismissed Dec. 5, 1925, D. C. Del., Doc. 547, *E. I. du Pont de Nemours & Co.* v. *The Peerless Explosives Co., Inc.*

1,121,816, C. A. Ellis, Kitchen cabinet, consent decree sustaining patent and granting injunction Dec. 5, 1925, D. C., S. D. N. Y., Doc. E 32/185, *Janes & Kirtland, Inc.*, v. *Smith & Hildebrandt, Inc., et al.*

1,124,679. (See 1,113,275.)

1,131,361. (See 1,113,275.)

1,131,683, J. A. Doble, Automatic fuel-control system for boilers; 1,151,090, same, Vaporizing apparatus for hydrocarbon fuels; 1,359,042, Doble & Doble, Fuel-control system for boilers; 1,359,399, same, Fluid heater, suit filed Dec. 2, 1925, D. C., N. D. Calif., Doc. E 1606, *Doble Laboratories* v. *T. Day Co.*

1,131,917. (See 908,668.)

1,141,073, C. H. Parks, Magnetic brad set, patent held valid and infringed (notice dated Dec. 4, 1925), D. C., E. D. Mich. (S. Div.), Doc. 1113, *The Electrical Appliance Mfg. Co.* v. *J. M. Waterston.*

1,151,090. (See 1,131,683.)

1,172,317, S. B. Solomon, Coat; 1,504,935, L. Buchalter, Combined coat and muffler, suit filed Dec. 4, 1925, D. C., S. D. N. Y., Doc. E 34/340, *E. J. Guenzel* v. *L. Buchalter.*

1,196,691, B. F. Hopkins, Means for distributing liquids, interlocutory decree holding patent valid (notice dated Dec. 2, 1925), D. C., N. D. Calif.,

Doc. E 1280, *Alliance Securities Co.* v. *J. A. Mohr & Son.* Same, Doc. E 1299, *Alliance Securities Co.* v. *Standard Oil Co.*

1,229,102, B. E. Lloyd, Talking doll, suit filed Dec. 8, 1925, D. C., S. D. N. Y., Doc. E 34/386, *Voices, Inc., et al.* v. *Levenberg Toy Import Co., Inc.*

1,245,449, E. Edelmann, Syringe hydrometer housing; 1,262,478, F. L. Freas, Hydrometer syringe. suit filed Nov. 30, 1925, D. C., S. D. N. Y., Doc. E 34/330, *E. Edelmann & Co.* v. *Tres-trite Instrument Co.*

1,262,478. (See 1,245,449.)

1,299,024. (See 908,668.)

1,336,118, R. Wright, Roofs for buildings; 1,354,867, same, Roofing, suit filed Aug. 14, 1925, D. C., S. D. Miss., (E. Div.), Doc. E 57, *Frilick-McDonald Co.* v. *L. C. Sykes.* Patents held void for want of patentability; bill dismissed (notice dated Dec. 8, 1925).

1,342,885, E. H. Armstrong, Receiving high-frequency oscillations, suit filed Dec. 7, 1925, D. C., S. D. N. Y., Doc. E 34/361, *Westinghouse Electric & Mfg. Co.* v. *Radio Specialty Co., Inc.*

1,353,209, H. B. Barkis, Nut-bleaching apparatus, suit filed Feb. 24, 1924, D. C., N. D. Calif., Doc. E 1301, *H. B. Barkis* v. *California Almond Growers Exchange.* Patent held void for lack of invention; all claims held void for anticipation (notice dated Dec. 2, 1925).

1,354,867. (See 1,336,118.)

1,359,042. (See 1,131,683.)

1,395,399. (See 1,131,683.)

1,408,106, H. McCabe, Flanging machine, patent held valid (notice dated Dec. 2, 1925), D. C., N. D. Calif., Doc. E 1483, *H. McCabe* v. *Traynor & Harcourt (Ocean Shore & Iron Works.)*

1,416,715, F. Hutter, Pattern chart or envelope, consent and order of discontinuance filed Dec. 1, 1925, D. C., S. D. N. Y., Doc. E 29/52, *The McCall Co.* v. *Pictorial Review Co.;* and Doc. E 29/53, *The McCall Co* v. *Excella Pattern Co., Inc.*

1,450,742. W. W. Keene, Portable sprayer, suit filed Dec. 1, 1925, D. C. Mass., Doc. E 2503, *Masury-Young Co.* v. *Ryan & Buker, Inc., et al.*

1,504,935. (See 1,172,317.)

1,508,569, W. B. Newkirk, Grape sugar, suit filed Nov. 30, 1925, D. C., S. D. N. Y., Doc. E 34/331, *International Patents Development Co.* v. *American Maize Products Co. et al.*

1,527,427, A. Dinklage, Anchoring device, suit filed Dec. 5, 1925, D. C., S. D. N. Y., Doc. E 34/345, *A. Dinkluge* v. *P. & M. Co.*

1,550,573, D. A. Sargent, Tractor snowplow, suit filed Dec. 7, 1925, D. C., W. D. Wis., Doc. E 89 F, *Northern Trailer Co. et al.* v. *Wauson Iron Works.*

1,553,993, W. R. Delaney, Millinery box, suit filed Dec. 1, 1925, D. C., S. D. N. Y., Doc E 34/335, *G. H. Brick et al.* v. *S. Rappaport.*

1,558,187, D. Lambert, Knife sharpener, suits filed Dec. 2, 1925, D. C., S. D. N. Y.; Doc E 34/337, *D. Lambert et al.* v. *E. Weck Son, Inc.;* and Doc. E 34/338. *D. Lambert et al. v. Keeno Corp.*

Disclaimer.

1,418,546.—*Ernest A. Eastman*, Portsmouth, Ohio. SHOE LAST. Patent dated June 6, 1922. Disclaimer filed January 20, 1926, by the patentee.

Hereby enters this disclaimer to that part of the claims in said specification which are in the following words, to wit:

"5. A shoe last, the toe portion of which is provided with two rearwardly extending divergent slots and wedge shaped shims inserted in said slots deflecting the lateral portions of the last in opposite directions in relation with the medial body portion thereof.

"6. A shoe last having in the toe portion thereof rearwardly extending horizontally and vertically disposed intersecting slots, and wedge shaped shims inserted within the intersecting horizontal and vertical slots to expand the last toe vertically and laterally.

"7. The herein described method of altering shoe lasts consisting in providing rearwardly extending divergent kerfs in the toe portion of the last to form lateral yielding tongues and deflecting said tongues outwardly by inserting in said kerfs wedge shaped shims whereby the greatest degree of expansion will be effected at the forward extremity of the last.

"8. The herein described method of altering shoe lasts consisting in providing in the toe portion of the last, a rearward extending kerf, inserting in said kerf a spreading wedge forming in said toe portion a second kerf intersecting the plan of the first mentioned kerf and inserting a second spreading wedge in said second kerf."

Notices of Cancellation.

U. S. PATENT OFFICE, *Washington, Jan. 25, 1926.*

Bidart Machinery Corporation, its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Kimberly-Clark Company, of Neenah, Wis., to effect the cancellation of trade-mark registrations No. 98,455, dated July 21, 1914, and No. 102,015, dated January 26, 1915, to American Rotogravure Company, of No. 432 Fourth Avenue, New York, N. Y., and it appearing by the statement of the president of the said American Rotogravure Company, made under oath in response to interrogatories addressed to it, that the title to the trade-marks concerned no longer remains in the said American Rotogravure Company, but has been transferred to the Bidart Machinery Corporation, and it further appearing that the said Bidart Machinery Corporation, of New York, N. Y., has been substituted to defend the registrations concerned and that the Office has failed to secure proper service on the said Bidart Machinery Corporation notice is hereby given that unless said Bidart Machinery Corporation, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. PATENT OFFICE, *Washington, Jan. 19, 1926.*

New York Incandescent Lamp Company, its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Manhattan Electrical Supply Company, Incorporated, of 17 Park Row, New York, N. Y., to effect the cancellation of the trade-mark registration of the New York Incandescent Lamp Company, of 132 West Fourteenth Street, New York, N. Y., No. 82,351, dated June 20, 1911, and the notice of such proceeding sent by registered mail to the said New York Incandescent Lamp Company at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said New York Incandescent Lamp Company, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

TRADE-MARKS

OFFICIAL GAZETTE, FEBRUARY 9, 1926.

[VOL. 343. No. 2.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 169,998. (CLASS 38. PRINTS AND PUBLICATIONS.) ARROW FILM CORPORATION, New York, N. Y. Filed Sept. 28, 1922.



The word "Pictures" is hereby disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Lithographs, Photographs, Advertising Cuts and Mats, and Press Books.

Claims use since Aug. 15, 1921.

Ser. No. 179,235. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) HARVEY STROMBERG, Detroit, Mich. Filed Apr. 16, 1923.

H. & S.

Particular description of goods.—Cleaners for Carpets, Rugs, Furniture, and the Like.

Claims use since Feb. 1, 1922.

Ser. No. 187,784. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SUTHERLAND & MCMILLAN, Pittston, Pa. Filed Oct. 31, 1923.

Fox Hill

Particular description of goods.—Canned Fruits, Berries, and Vegetables.

Claims use since Aug. 1, 1923.

Ser. No. 189,895. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WM. P. HARTLEY (LONDON & AINTREE) LIMITED, Aintree, Liverpool, and London, England. Filed Dec. 19, 1923.



Particular description of goods.—Jams, Fruit Preserves, Vegetable Preserves, Marmalade, Candy and Bonbons, Pickles, and Jellies.

Claims use since June 29, 1876.

Ser. No. 189,896. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WM. P. HARTLEY (LONDON & AINTREE) LIMITED, Aintree, Liverpool, and London, England. Filed Dec. 19, 1923.



The use of the name apart from the regular trade-mark is disclaimed.

Particular description of goods.—Jams, Fruit and Vegetable Preserves, Marmalades, Table Jellies, Bottled, Canned, and Dried Fruits; Candied Citrous Peel, and Sauces Made from Fruits, Vegetables, and Spices.

Claims use since May 21, 1902.

Ser. No. 191,062. (CLASS 31. FILTERS AND REFRIGERATORS.) FAIRFIELD MANUFACTURING CO., Portland, Me. Filed Jan. 21, 1924.

EVERCOLD

No claim is made to the word "Evercold" as a descriptive word. Shading is designed to represent the color blue.

Particular description of goods.—Ice Boxes and Refrigerators.

Claims use since Dec. 5, 1923.

Ser. No. 196,913. (CLASS 15. OILS AND GREASES.) GENERAL OIL CORPORATION, Birmingham, Ala. Filed May 12, 1924.

GO-ZIP

Particular description of goods.—Motor Fuel Composed of a Blend of Benzol and Gasoline.

Claims use since Nov. 8, 1923.

Ser. No. 199,374. (CLASS 39. CLOTHING.) THE MALLORY HAT COMPANY, Danbury, Conn. Filed June 30, 1924. Under ten-year proviso.

MALLORY

Particular description of goods.—Hats for Men, Women, and Children.

Claims use since Jan. 2, 1895.

Ser. No. 201,084. (CLASS 39. CLOTHING.) GLUV-SILK UNDERGARMENT CO. INC., New York, N. Y. Filed Aug. 7, 1924.

"GLUVTEX"

Particular description of goods.—Silk Underwear and Gloves of Leather, Rubber, Fabric, or Combinations Thereof.

Claims use since Jan. 15, 1924.

Ser. No. 204,664. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MARBENK CO., New York, N. Y. Filed Oct. 31, 1924.

ORIENTAL MUNCHES

Particular description of goods.—Candies.

Claims use since February, 1923.

Ser. No. 205,042. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WANDERER-WERKE VORM. WINKLHOFER & JAENICKE AKTIENGESELLSCHAFT, Schonau, near Chemnitz, Germany. Filed Nov. 8, 1924.

Continental

Particular description of goods.—Typewriters, Typewriters in Combination with Adding or Calculating Machines, Envelope-Feeding Devices, Ribbon-Inking Machines, Ribbon-Winding Machines, Polytype Type-Printing Machines, Flat-Impression Type Machines, Manifold Writing Machines and Devices, Machines for Cutting Out Small Glass Plates, Envelope Filling and Sealing Machines, Address-Printing Machines, Machines for Affixing Postage Stamps, Machines for Opening Letters, Letter Perforators, Letter Sorters, Folding Machines, Machines for Applying Gum, Type Copying Machines, Vending Machines and Parts of Any and All of the Above Devices and Machines.

Claims use since May, 1914.

Ser. No. 205,196. (CLASS 39. CLOTHING.) CHIC-KNIT DISTRIBUTING CO., Leesport, Pa. Filed Nov. 13, 1924.

CHIC-KNIT

No claim is made for the word "Knit" except in association with the mark as it appears on the drawing.

Particular description of goods.—Misses' and Ladies' One-Piece Dresses.

Claims use since Nov. 1, 1924.

Ser. No. 205,521. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRET BROS., Lodi, Calif. Filed Nov. 19, 1924.

BLUE MOON

Particular description of goods.—Fresh Grapes.

Claims use since about July 1, 1920.

Ser. No. 205,540. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE MAY DEPARTMENT STORES COMPANY, doing business as Famous-Barr Co., St. Louis, Mo. Filed Nov. 19, 1924.

Tea-Room

Particular description of goods.—Tartar Sauce, Mayonnaise Dressing, and Thousand Island Dressing.

Claims use since Oct. 1, 1924.

Ser. No. 206,101. (CLASS 38. (PRINTS AND PUBLICATIONS.) WORUMBO MANUFACTURING COMPANY, Bath, Me. Filed Dec. 1, 1924.

Worumbo

Particular description of goods.—Labels and Tags for Articles of Manufacture Made from Worumbo.

Claims use since Jan. 15, 1914.

Ser. No. 206,884. (CLASS 39. CLOTHING.) THE DIRECTORS OF MARYVILLE COLLEGE, Maryville, Tenn. Filed Dec. 18, 1924.

"COLLEGE-MAID"

Trade-mark consists of the arbitrary hyphenated word "College-Maid." Said words appear in capital letters printed in black in a horizontal line.

Particular description of goods.—Bungalow Aprons, Dresses, Slip-Overs, Waists, Adapted More Particularly for Feminine Use.

Claims use since Oct. 2, 1921.

Ser. No. 207,653. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CERTIFIED PRODUCTS COMPANY, Chicago, Ill. Filed Jan. 5, 1925.

LAY-BACK

Particular description of goods.—Hairdressing.

Claims use since Oct. 1, 1924.

Ser. No. 208,136. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE-ADAMS COMPANY, Chillicothe, Mo. Filed Jan. 15, 1925.

Devil 5¢ Bar

No claim is made to the mark "5¢" nor to the exclusive right to use the word "Bar" except as qualified by the word "Devil."

Particular description of goods.—Chocolate and Peanut Candy.

Claims use since December, 1924.

Ser. No. 209,793. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JANITORS' SUPPLY HOUSE, INC., Baltimore, Md. Filed Feb. 18, 1925.

JAN-O

Particular description of goods.—Disinfectant or Deodorant Compound.

Claims use since May 1, 1923.

Ser. No. 210,023. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TILLMAN & BENDEL, INC., San Francisco, Calif. Filed Feb. 21, 1925. Under ten-year proviso.



LION

Particular description of goods.—Canned Corn.

Claims use since Jan. 15, 1894.

Ser. No. 210,125. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KEEN, ROBINSON & COMPANY LIMITED, London, England. Filed Feb. 25, 1925.



The exclusive use of all the wording upon drawing is disclaimed with the exception of the facsimile signature "Matts. Robinson" and applicant's name apart from the mark shown on drawing.

Particular description of goods.—Barley.

Claims use since May 1, 1924.

Ser. No. 210,234. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GUTHRIE CHEMICAL COMPANY, Altoona, Pa. Filed Feb. 27, 1925.

PINESOLA

Particular description of goods.—Ointment Used for the Treatment of Inflammation and the Healing of Cuts, Burns, Etc.

Claims use since Apr. 1, 1920.

Ser. No. 210,519. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GLOBE VARNISH COMPANY, Chicago, Ill. Filed Mar. 4, 1925.

Elastiseal

Particular description of goods.—Dry, Paste, and Ready-Mixed Paint, Paint Enamels, and Varnishes.

Claims use since Feb. 11, 1925.

Ser. No. 210,556. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HOUBIGANT, INC., New York, N. Y. Filed Mar. 5, 1925.

LA FLEUR NOBLE

Particular description of goods.—Perfume.

Claims use since Feb. 25, 1925.

Ser. No. 210,810. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) RUNCHEY GRIP MFG. CO., San Francisco, Calif. Filed Mar. 10, 1925.

Runchey GRIP

No claim is made for the word "Grip" nor for the name "Runchey" except in the manner displayed.

Particular description of goods.—Leather Grips for Golf Clubs and Tennis Rackets.

Claims use since Feb. 27, 1925.

Ser. No. 211,391. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) S. STROOCK & CO. INC., New York, N. Y. Filed Mar. 20, 1925.

STROOCK
AYRWATE CLOTH

No claim is made to the exclusive use of the words "Stroock" and "Cloth" apart from the mark as shown in the drawing.

Particular description of goods.—Cashmere and Wool Cloth in the Piece.

Claims use since Jan. 30, 1925.

Ser. No. 211,393. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) S. STROOCK & CO. INC., New York, N. Y. Filed Mar. 20, 1925.

STROOCK
HARMONIA CLOTH

No claim is made to the exclusive use of the words "Stroock" and "Cloth" apart from the mark as shown in the drawing.

Particular description of goods.—Wool Cloth in the Piece.

Claims use since Jan. 23, 1925.

Ser. No. 211,491. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) RALSTON PURINA COMPANY, St. Louis, Mo. Filed Mar. 23, 1925.

find the bottom

Particular description of goods.—Chinaware Bowls.

Claims use since Oct. 13, 1924.

Ser. No. 211,543. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PAUL RIEGER & Co., San Francisco, Calif. Filed Mar. 24, 1925.

Golden NARCISSUS

The words "Golden Narcissus" are disclaimed apart from the mark as shown.

Particular description of goods.—Perfume, Toilet Water, Face Powder, Talcum, and Rouge.

Claims use since May 21, 1923.

Ser. No. 211,814. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE WALLACE BARNES COMPANY, Bristol, Conn. Filed Mar. 28, 1925.

WB

Particular description of goods.—Springs Used in Cutlery, Machinery, and Tools, and Parts Thereof.

Claims use since Jan. 1, 1924.

Ser. No. 213,051. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) SWITCH PLATE CORPORATION, Norfolk, Va. Filed Apr. 20, 1925.

Norco



Particular description of goods.—Switch Plates.

Claims use since Feb. 1, 1923.

Ser. No. 213,612. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BEAUMONT HAMSHIRE FIG COMPANY, Beaumont, Tex. Filed May 1, 1925.

TEXAS PRIDE

Applicant disclaims the geographical name "Texas" except in the connection shown.

Particular description of goods.—Figs, Fresh, Canned, and Preserved.

Claims use since Apr. 6, 1925.

Ser. No. 214,151. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GOLDEN STATE ASPARAGUS COMPANY, San Francisco, Calif. Filed May 11, 1925.

RIO VISTA

Particular description of goods.—Canned Asparagus.

Claims use since May, 1910.

Ser. No. 214,298. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN H. WILKINS CO., Washington, D. C. Filed May 13, 1925.



Particular description of goods.—Coffee.

Claims use since May 1, 1925.

Ser. No. 214,299. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN H. WILKINS CO., Washington, D. C. Filed May 13, 1925.



Particular description of goods.—Coffee.

Claims use since May 1, 1925.

Ser. No. 214,300. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN H. WILKINS CO., Washington, D. C. Filed May 13, 1925.



Particular description of goods.—Coffee.
Claims use since May 1, 1925.

Ser. No. 214,301. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN H. WILKINS CO., Washington, D. C. Filed May 13, 1925.



Particular description of goods.—Coffee.
Claims use since May 1, 1925.

Ser. No. 214,303. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN H. WILKINS CO., Washington, D. C. Filed May 13, 1925.



Particular description of goods.—Coffee
Claims use since May 1, 1925.

Ser. No. 214,542. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JACOB FORST PACKING COMPANY, INC., Kingston, N. Y. Filed May 19, 1925.



The lining in the letters of the drawing denotes red and the background orange. No claim is made to the word "Forst's" except as shown and described in the drawing.

Particular description of goods.—Ham, Bacon, Sausages, Smoked Beef, and Pork.
Claims use since Apr. 15, 1925.

Ser. No. 215,222. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STRATHMORE FRUIT GROWERS ASSOCIATION, Strathmore, Calif. Filed June 2, 1925.

PYRAMID

Particular description of goods.—Oranges in Their Natural State.
Claims use since Feb. 18, 1925.

Ser. No. 215,511. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) ELCO PAINT PRODUCTS, INC., New York, N. Y. Filed June 9, 1925.



No claim is made herein to the words "Greatest Labor Saving Materials for Master Painters Covers Best Works Easiest Most Durable Paint Products A Mark of Quality" appearing on the drawing.

Particular description of goods.—Paint Enamels, Flat White, Varnishes, Colors in Oil, Prepared Shellac, Putty, and Bronze Powder.
Claims use since Mar. 1, 1923.

Ser. No. 215,764. (CLASS 39. CLOTHING.) WASHINGTON MANUFACTURING CO., Nashville, Tenn. Filed June 13, 1925.

ALL-WEAR

Particular description of goods.—Overall Jumpers, Work Shirts, Work Pants; Work Coats for Men, Women, and Children, and Children's Suits.
Claims use since May 1, 1924.

Ser. No. 216,219. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RIDGNOUR-BAKER GROCERY COMPANY, Kansas City, Mo. Filed June 22, 1925.

MORNING GLORY

Particular description of goods.—Food Sirups.
Claims use since Mar. 16, 1925.

Ser. No. 216,523. (CLASS 39. CLOTHING.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed June 27, 1925.



Particular description of goods.—Underhose.
Claims use since Aug. 1, 1924.

Ser. No. 216,827. (CLASS 39. CLOTHING.) TED EDELMAN, INC., New York, N. Y. Filed July 3, 1925.



Particular description of goods.—Women's Wearing Apparel—Namely, Women's Coats, Suits, Dresses, Outer Skirts, and Knickerbockers.
Claims use since June 23, 1925.

Ser. No. 217,060. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN FRUIT GROWERS INCORPORATED, Wilmington, Del., and Pittsburgh, Pa. Filed July 9, 1925.



Particular description of goods.—Fresh Citrous Fruits, Fresh Deciduous Fruits, Fresh Berries, Fresh Grapes, Watermelons, Cantaloupes, Casaba Melons, Honey Dew Melons, Pineapples, Canned Fruits, Fresh Figs and Dates, and Fresh Vegetables.
Claims use since 1921, as to fresh grapes; since May 8, 1922, as to watermelons; since May 29, 1918, as to cantaloupes; since 1921 as to Casaba melons; since 1922 as to honey dew melons; as to pineapples since 1922, and fresh figs and dates since 1924; fresh citrous fruits and fresh deciduous fruits since May 29, 1918; fresh berries since 1921; canned fruits since 1923; and fresh vegetables since 1921.

Ser. No. 217,905. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SUSQUEHANNA SILK MILLS, New York, N. Y. Filed July 25, 1925.

Silkentweed

No claim is made to the exclusive use of the word "Silkentweed" apart from the design shown.

Particular description of goods.—Silk and Wool Piece Goods.

Claims use since June 29, 1925.

Ser. No. 218,274. (CLASS 38. PRINTS AND PUBLICATIONS.) EDWARD ROSENTHAL, doing business as American Automobile Digest, Cincinnati, Ohio. Filed Aug. 1, 1925.

AUTOMOBILE DIGEST

Particular description of goods.—Monthly Publications.

Claims use since July 22, 1925.

Ser. No. 218,714. (CLASS 37. PAPER AND STATIONERY.) MARK MORAN, Seattle, Wash. Filed Aug. 11, 1925.

MARK MÔR-AN-DUM

Particular description of goods.—Continuous-Feed Device for Dispensing Writing Paper.

Claims use since Aug. 1, 1925.

Ser. No. 218,889. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. M. ALBERSHEIM, Frankfort-on-the-Main, Germany. Filed Aug. 15, 1925.

DARUPAN.

Particular description of goods.—Manicure Preparations—Namely, Liquid Nail Polish, Cuticle Remover, Nail Polish in Powder Form, Nail Pomade, Nail Polish in Cake Form, Nail Polish in Paste Form, Powder for Cleaning Nails, and Nail Polish.

Claims use since 1903.

Ser. No. 218,924. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) G. B. LEWIS COMPANY, Watertown, Wis. Filed Aug. 15, 1925.

$ERVI$AVE

The trade-mark consists in the word "Servisave."

Particular description of goods.—Wooden Beekeepers' Supplies—Namely, Hive Covers, Hives, Bottoms, Bodies, Supers, and Frames.

Claims use since about June 22, 1925.

Ser. No. 218,936. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE THOMPSON-BARLOW COMPANY, INC., New York, N. Y. Filed Aug. 15, 1925.

VIBRADUCER

Particular description of goods.—Massage Device.

Claims use since May 1, 1925.

Ser. No. 219,033. (CLASS 37. PAPER AND STATIONERY.) THE HEINTZ ART METAL SHOP, Buffalo, N. Y. Filed Aug. 18, 1925.

AMS

Particular description of goods.—Metal Art Goods—Namely, Inkwells, Pen Trays, Paper Knives, Letter Racks, and Blotter Holders.

Claims use since about 1911.

Ser. No. 219,051. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) M. WINER & CO., Boston, Mass. Filed Aug. 18, 1925.

ELM FARM

Particular description of goods.—Canned Fruits and Vegetables, Canned Fish; Package Cereals—Namely, Buckwheat Groats and Barley and Wheat Cereals; Coffee and Tea, Wheat and Pastry Flour, Spices, Edible Vegetable Oils and Salad Oils; and Matzo Meal.

Claims use since Apr. 28, 1925.

Ser. No. 219,343. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) NEWPORT ROLLING MILL CO., Newport, Ky. Filed Aug. 25, 1925.

GENUINE OPEN HEARTH IRON GOHI PURE IRON - COPPER ALLOY

No claim is made to the description slogans "Genuine Open Hearth Iron" and "Pure Iron-Copper Alloy" apart from the mark as shown by the drawing.

Particular description of goods.—Corrugated Culverts, Plain Conductor Pipes, Round Corrugated Conductor Pipes, Square Corrugated Conductor Pipes, Plain Conductor-Pipe Elbows and Shoes, Round Corrugated Conductor-Pipe Elbows and Shoes, Square Corrugated Conductor-Pipe Elbows and Shoes.

Claims use since about Apr. 20, 1925.

Ser. No. 219,344. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) NEWPORT ROLLING MILL CO., Newport, Ky. Filed Aug. 25, 1925.

GENUINE OPEN HEARTH IRON GOHI PURE IRON - COPPER ALLOY

No claim is made to the descriptive slogans "Genuine Open Hearth Iron" and "Pure Iron-Copper Alloy" apart from the mark as shown in the drawing.

Particular description of goods.—Corrugated Metal Sheets and Plain Metal Sheets.

Claims use since about Apr. 20, 1925.

Ser. No. 219,352. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAUL A. SHERIKJIAN, Holyoke, Mass. Filed Aug. 25, 1925.

GOLDEN-EAGLE



RICO

No claim is made to the words "Golden Eagle" or to the representation of an eagle apart from the mark as shown. The words "Golden Eagle" and the representation of the eagle are golden in color.

Particular description of goods.—Cooking Fat and Shortening Consisting of Animal Fat Which is a Solid Substance.

Claims use since Feb. 1, 1925.

Ser. No. 219,525. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) W. J. BOON & COMPANY, Wormerveer, Holland. Filed Aug. 29, 1925.

Boon's

Chocolate Hailstones

No claim is made to the exclusive use of the words "Boon's" and "Chocolate" apart from the mark shown in the drawing.

Particular description of goods.—Chocolate Confectionery for Eating, Drinking, and Cooking.

Claims use since July, 1919.

Ser. No. 219,584. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILLIAM ALBERT FOSTER, Jr., doing business as University Candy Co., Milwaukee, Wis. Filed Aug. 31, 1925.

HONORIS SIGGILUM FOSTER SET

The surname "Foster" is disclaimed apart from the other features of the mark. The Latin phrase "Honoris Siggilum" is disclaimed.

Particular description of goods.—Candy.

Claims use since July 25, 1925.

Ser. No. 219,743. (CLASS 37. PAPER AND STATIONERY.) HOBERG PAPER & FIBRE COMPANY, Green Bay, Wis. Filed Sept. 3, 1925.



The lining of the trade-mark drawing indicates shading only. The words "Refined Crepe Tissue" are disclaimed apart from the mark shown.

Particular description of goods.—Toilet Paper.

Claims use since Jan. 9, 1925.

Ser. No. 219,744. (CLASS 37. PAPER AND STATIONERY.) HOBERG PAPER & FIBRE COMPANY, Green Bay, Wis. Filed Sept. 3, 1925.



The word "Lavatory" is disclaimed apart from the mark as shown.

Particular description of goods.—Toilet Paper.

Claims use since Apr. 7, 1925.

Ser. No. 219,750. (CLASS 39. CLOTHING.) THE MABLEY AND CAREW CO., Cincinnati, Ohio. Filed Sept. 3, 1925.



Applicant disclaims exclusive right to the use of the word "Chapeau."

Particular description of goods.—Hats for Men, Women, and Children.

Claims use since Aug. 26, 1925.

Ser. No. 219,974. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) E. L. MANSURE COMPANY, Chicago, Ill. Filed Sept. 8, 1925.



No claim is made to the words "Trade-Mark."

Particular description of goods.—Fringes, Braids, Galloons, Cords, Tassels, Edgings, Narrow Webbing, and Rosettes.

Claims use since Jan. 1, 1895.

Ser. No. 220,042. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) STORA KOPPARBERGS BERGSLAGS AKTIEBOLAG, Falun, Sweden. Filed Sept. 9, 1925.



Particular description of goods.—Wrought and Rolled Iron and Steel, Raw Bars, and Blooms.

Claims use since Oct. 19, 1920.

Ser. No. 220,043. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) STORA KOPPARBERGS BERGSLAGS AKTIEBOLAG, Falun, Sweden. Filed Sept. 9, 1925.



Particular description of goods.—Wrought and Rolled Iron and Steel, Raw Bars, and Blooms.

Claims use since Sept. 11, 1908.

Ser. No. 220,152. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) J. P. MILLER, Missoula, Mont. Filed Sept. 11, 1925.

Wahoo

Particular description of goods.—Pile Salve.

Claims use since Nov. 16, 1923.

Ser. No. 220,229. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) ELOF HANSSON, Gottenburg, Sweden. Filed Sept. 14, 1925.



Applicant disclaims the words "Impregnated Safety Matches" apart from the mark shown on the drawing.

Particular description of goods.—Matches.

Claims use since May 1, 1925.

Ser. No. 220,303. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) M. D. HOPPER, Fresno, Calif. Filed Sept. 16, 1925.



Particular description of goods.—Fresh Grapes.

Claims use since Aug. 16, 1920.

Ser. No. 220,474. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WILLIAM J. RYAN, Chicago, Ill. Filed Sept. 19, 1925.

JACK FROST

Particular description of goods.—Pastry and Confection Designers.

Claims use since Apr. 8, 1925.

Ser. No. 220,506. (CLASS 2. RECEPTACLES.) THE DURO PUMP AND MANUFACTURING COMPANY, Dayton, Ohio. Filed Sept. 21, 1925.

DURO

Particular description of goods.—Pressure Tanks Adapted for Use in Connection with Water-Softening Apparatus.

Claims use since Jan. 1, 1916.

Ser. No. 220,545. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE LARABEE FLOUR MILLS CORPORATION, Kansas City, Mo. Filed Sept. 21, 1925.

WELKAN

Particular description of goods.—Wheat Flour.

Claims use since July, 1923.

Ser. No. 220,546. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE LARABEE FLOUR MILLS CORPORATION, Kansas City, Mo. Filed Sept. 21, 1925.

CARNATION

Particular description of goods.—Wheat Flour.

Claims use since July, 1923.

Ser. No. 220,647. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EARL FRUIT COMPANY, San Francisco, Calif. Filed Sept. 23, 1925. Under ten-year proviso.



The lining of the drawing is to denote the color red.

Particular description of goods.—Fresh Deciduous Fruits, Fresh Citrous Fruits, Fresh Vegetables; Melons—Namely, Fresh Cantaloupes.

Claims use since December, 1889.

Ser. No. 220,714. (CLASS 15. OILS AND GREASES.) GILMORE OIL COMPANY, Los Angeles, Calif. Filed Sept. 24, 1925.

BANCI

Particular description of goods.—Gasoline, Kerosene, Lubricating Greases, Lubricating Oil, Fuel Oil, Road Oil, and Petroleum Distillate.
Claims use since June 8, 1925.

Ser. No. 220,852. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGE E. HALSEY, INC., Chicago, Ill. Filed Sept. 26, 1925.

PALUSTREPINE

Particular description of goods.—Antiseptic Disinfectant and Deodorant Compound.
Claims use since 1922.

Ser. No. 220,867. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROBERT E. PUTNAM, New Iberia, La. Filed Sept. 26, 1925.

EVANGELINE RICE QUALITY

No claim is made to the words "Rice" and "Quality" apart from their use with the mark as shown.
Particular description of goods.—Rice.
Claims use since Aug. 1, 1925.

Ser. No. 220,896. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) GOODALL WORSTED CO., Sanford, Me., and New York, N. Y. Filed Sept. 28, 1925.

RAYMO

Particular description of goods.—Mohair Piece Goods and Piece Goods of Combination of Cotton, Wool, Mohair, Alpaca, Camel's Hair, Silk, and Artificial Silk; Also on Piece Goods of a Combination of Cotton Warp with a Filling of a Mixture of Mohair and Artificial Silk.
Claims use since Sept. 1, 1925.

Ser. No. 221,007. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HAHN & LIVINGSTON PACKING CO., Exeter, Calif. Filed Sept. 30, 1925.

COLLIE

Particular description of goods.—Fresh Grapes.
Claims use since Aug. 24, 1925.

Ser. No. 221,029. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PRINCE DRIED FRUIT CO., New York, N. Y. Filed Sept. 30, 1925.

GOLDEN VINE

Particular description of goods.—Dried Fruits.
Claims use since May, 1924.

Ser. No. 221,241. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COYKENDALL, INC., Berkeley, Calif. Filed Oct. 5, 1925.

MOONCREST

Particular description of goods.—Canned Fruits and Dried Fruits and Canned Vegetables.
Claims use since Nov. 1, 1923.

Ser. No. 221,299. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ALCONE KNITTING MILLS, San Francisco, Calif. Filed Oct. 6, 1925.

CALJER

Particular description of goods.—Knitted Fabric Made of Worsted, Wool, Wool and Silk, Wool and Fiber, or Wool and Cotton.
Claims use since Jan. 5, 1925.

Ser. No. 221,354. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAVIES-STRAUSS-STAUFFER COMPANY, Easton, Pa. Filed Oct. 7, 1925.

BLUE KNOT

Particular description of goods.—Tea, Cocoa, Rice, Tapioca; Canned Corn, Peas, and Tomatoes; Sirup Consisting of a Mixture of Corn Sirup and Refiners' Sirup, Canned Beans and Pork, Peanut Butter, Catchup, Mayonnaise, Rolled Oats, and Corn Flakes.
Claims use since 1910.

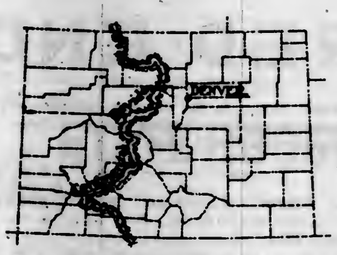
Ser. No. 221,408. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COLORADO POTATO GROWER'S EXCHANGE, Denver, Colo. Filed Oct. 8, 1925.

COLOTATO

Particular description of goods.—Potatoes (Raw, Table, and Seed).
Claims use since May 11, 1925.

Ser. No. 221,409. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COLORADO POTATO GROWER'S EXCHANGE, Denver, Colo. Filed Oct. 8, 1925.

COLOTATO



The words "Denver" and "Continental Divide" are disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Potatoes (Raw, Table, and Seed.)
Claims use since May 11, 1925.

Ser. No. 221,458. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) SOCIETE D'EXPLOITATION BREVETS ET D'APPLICATIONS INDUSTRIELLES, Nancy, France. Filed Oct. 8, 1925.

EXTENSIMÈTRE CHOPIN

Particular description of goods.—Devices for Determining the Elastic and Other Properties of Dough and Other Materials.
Claims use since July 4, 1925.

Ser. No. 221,481. (CLASS 37. PAPER AND STATIONERY.) THE M. H. DAVIDSON COMPANY, New Haven, Conn. Filed Oct. 9, 1925.

DA-CO

Particular description of goods.—Blank Pads, Ruled Pads, Blank Booklets, Ruled Booklets, Blank Folders, Mailing Envelopes, and Ruled Stationery in General—Namely, Accounting Forms, Cashbook Forms, Sales-Book Forms, Purchasing-Book Forms, and Statement Forms.
Claims use since Aug. 10, 1925.

Ser. No. 221,638. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) J. D. RIEDEL AKTIENGESELLSCHAFT, Berlin-Britz, Germany. Filed Oct. 12, 1925.

Tetrophan

Particular description of goods.—Spasmodic Which is used for the Treatment of Tabes, Pseudotabes, Multiple Sclerosis, Myasthenia, and as a Remedy in Peraicious Anæmia.
Claims use since Jan. 1, 1923.

Ser. No. 221,641. (CLASS 38. PRINTS AND PUBLICATIONS.) SHEPARD NORWELL CO., Boston, Mass. Filed Oct. 12, 1925.

Jean Sargent

The trade-mark consists in the words "Jean Sargent," a fanciful name.
Particular description of goods.—Newspaper Columns.
Claims use since June 1, 1922.

Ser. No. 221,704. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) INLAND ENGINEERING COMPANY, Chicago, Ill. Filed Oct. 14, 1925.

ORO

Particular description of goods.—Repair Parts for Trench-Excavating Machines, Concaves for Gyratory Crushers, Jaw Plates for Jaw Crushers, Elevator Buckets, Pulverizer Hammers, Gears, Pinions, Sprockets, Rollers, Steam-Shovel Parts, Dipper Teeth, Traction Devices for Steam Shovels, and Links for the Trackways for Self-Laying-Track Tractors.
Claims use since Sept. 1, 1923.

Ser. No. 221,727. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHAS. SCHAEFER & SON, doing business as Vitality Salt Co., Brooklyn, N. Y. Filed Oct. 14, 1925.

VITALITY

Trade-Mark consists of the word "Vitality."
Particular description of goods.—Bath Salts.
Claims use since about May 17, 1925.

Ser. No. 221,749. (CLASS 37. PAPER AND STATIONERY.) WILLIAM T. MANNING, Waterbury, Conn. Filed Oct. 15, 1925.

PHOTOLITHOTONE

Particular description of goods.—Stationery Forms Comprising Commercial Letterheads, Mailing Envelopes, Invoices, Statements, Credit Memorandums, Order Forms, Checks, and Drafts.
Claims use since Sept. 30, 1925

Ser. No. 221,845. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MUTUAL CREAMERY COMPANY, also doing business as The Mutual Stores, Oakland, Calif. Filed Oct. 16, 1925.

MUTUAL
Consistently Sell The Best for Less

Applicant disclaims the exclusive right to the use of the words "Consistently Sell the Best for Less" apart from the mark shown on the drawing.
Particular description of goods.—Canned Fruit, Canned Fish, Butter, Bread, Ice Cream, and Eggs.
Claims use since Mar. 4, 1919.

Ser. No. 221,960. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE FRANK HEALD TRACTOR CO., Columbus, Ohio. Filed Oct. 19, 1925.

GRO-MOR

Particular description of goods.—Power Cultivator.
Claims use since January, 1921.

Ser. No. 222,043. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PACIFIC COAST BISCUIT COMPANY, Seattle, Wash. Filed Oct. 20, 1925.

SQUARE MEAL

Particular description of goods.—Crackers.
Claims use since Dec. 30, 1915.

Ser. No. 222,076. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FLORENCE M. KRANZ, doing business as John Kranz, Chicago, Ill. Filed Oct. 21, 1925.



The word "Candy" and the pictorial representation of the goods are disclaimed apart from the mark shown.
Particular description of goods.—Candies.
Claims use since about Oct. 2, 1925.

Ser. No. 222,134. (CLASS 37. PAPER AND STATIONERY.) THE NORTHWEST PAPER COMPANY, Cloquet, Minn. Filed Oct. 22, 1925.

Arrowhead

Particular description of goods.—Envelope Paper.
Claims use since Dec. 15, 1924.

Ser. No. 222,262. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) LUFKIN RULE CO., Saginaw, Mich. Filed Oct. 24, 1925.

RED END

The lining shown in the drawing indicates red color.
Particular description of goods.—Folding Rules.
Claims use since Oct. 1, 1925.

Ser. No. 222,273. (CLASS 10. FERTILIZERS.) NITRATE AGENCIES COMPANY, New York, N. Y. Filed Oct. 24, 1925.



No claim is made to the words "Plant Food" apart from the mark as shown in the drawing, nor to the representation of a bag of fertilizer apart from the mark as shown.
Particular description of goods.—Fertilizer.
Claims use since Oct. 1, 1923.

Ser. No. 222,302. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WALTER C. BENDER, St. Joseph, Mo. Filed Oct. 26, 1925.

REDCAPS

Particular description of goods.—Medicinal Preparation, Specifically Preparations for the Treatment of Colds, La Grippe, and Flu.
Claims use since Oct. 7, 1925.

Ser. No. 222,326. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) KLOSTER STEEL CORPORATION, Chicago, Ill. Filed Oct. 26, 1925.



No claim is made to the word "Brand" and "Swedish Iron" apart from the mark as shown.
Particular description of goods.—Iron.
Claims use since Sept. 23, 1925.

Ser. No. 222,340. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE PHILADELPHIA JOBBING CONFECTIONERS' ASSOCIATION, Philadelphia, Pa. Filed Oct. 26, 1925.



The words "Quality Always First" are herein disclaimed apart from the mark shown on the drawing.
Particular description of goods.—Candy.
Claims use since Oct. 21, 1925.

Ser. No. 222,378. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AMANDA HASTAD, New York, N. Y. Filed Oct. 27, 1925.

Norda

Particular description of goods.—Scalp Salve, Scalp Ointment, and Hand and Face Lotions.
Claims use since Jan. 2, 1924.

Ser. No. 222,383. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) IGNAZIO LA ROSA, doing business as I-L & Son, Elmhurst, N. Y. Filed Oct. 27, 1925.

I-L

Particular description of goods—Scalp and Head Preparation.
Claims use since Oct. 10, 1925.

Ser. No. 222,393. (CLASS 25. LOCKS AND SAFES.) PARLOC SERVICE CORPORATION, New York, N. Y. Filed Oct. 27, 1925.



No claim is made to the exclusive right to the use of the words "Checking" and "Service" apart from the other features of the mark shown.
Particular description of goods.—Locks and Parcel Lockers.
Claims use since June 1, 1925.

Ser. No. 222,422. (CLASS 2. RECEPTACLES.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 20, 1925.

BAKELITE

Particular description of goods.—Cash Boxes, Acid-Proof Containers, Instrument Cases, Vanity Boxes, Safety-Razor Boxes, Rouge and Paste Boxes, and Waste-Paper Baskets.
Claims use since Dec. 1, 1922.

Ser. No. 222,446. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) HORACE M. EATON, TRUSTEE, Lynn, Mass. Filed Oct. 28, 1925.

PARCO

Particular description of goods.—Cord or Ribbon Binding.
Claims use since July 10, 1925.

Ser. No. 222,467. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) LESSER, WHITMAN & Co., INC., New York, N. Y. Filed Oct. 28, 1925.

FLAT MOHAIR

No claim is made to the exclusive use of the words "Flat Mohair" except in the combination and manner shown.

Particular description of goods.—Piece Goods, Being Fabric with a Warp of Cotton, or of Cotton and Mohair Mixed, or of Cotton and Silk Mixed, or of Cotton and Artificial Silk Mixed, and a Filling of Wool, or Mohair, or Alpaca, or Silk, or Artificial Silk, Singly or Combined.

Claims use since Oct. 2, 1925.

Ser. No. 222,491. (CLASS 39. CLOTHING.) AMERICAN MAID COMPANY, Chicago, Ill. Filed Oct. 29, 1925.



Particular description of goods.—Ladies' and Children's Bloomers, Princess Slips, Nightgowns, Step-Ins, Pyjamas, Pantalets, and Chemises.

Claims use since Jan. 1, 1922.

Ser. No. 222,511. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LAKE ARIANA PACKING CO., INC., Auburndale, Fla. Filed Oct. 29, 1925.

THREE SQUARE



The color lines on the squares indicate red, and the color lines following the outline of the triangle indicate orange.

Particular description of goods.—Fresh Oranges, Tangerines, Tangelos, Lemons, Limes, Grapefruit, Kumquats, Loquats, Shaddock, Citron, and Pomelo.

Claims use since about Nov. 1, 1924.

Ser. No. 222,682. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KROGER GROCERY & BAKING CO., Cincinnati, Ohio. Filed Nov. 2, 1925.

Country Club

Particular description of goods.—Leaf Lard and Meats—Namely, Hams, Hams Known as Picnics, Cottage Butts, Breakfast Bacon, Bacon Squares, and Pork Sausage.

Claims use since Nov. 15, 1904.

Ser. No. 222,725. (CLASS 38. PRINTS AND PUBLICATIONS.) ATLAS PUBLISHING COMPANY, INC., New York, N. Y. Filed Nov. 3, 1925.

FLORIDA NEWS

Particular description of goods.—Weekly Magazine.

Claims use since Sept. 7, 1925.

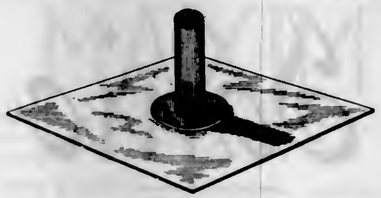
Ser. No. 222,777. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BEATRICE CREAMERY COMPANY, Chicago, Ill., and Topeka, Kans. Filed Nov. 4, 1925.



Particular description of goods.—Butter.

Claims use since Nov. 1, 1885.

Ser. No. 222,946. (CLASS 28. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) SAND'S LEVEL & TOOL CO., Detroit, Mich. Filed Nov. 6, 1925.



No claim is made to the representation of the goods. The trade-mark consists of coloring the handle and the central flange a vermilion red, as indicated by the lining shown in the drawing.

Particular description of goods.—Plasterers' Hawks.

Claims use since Jan. 1, 1915.

Ser. No. 222,990. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN T. MILLIKEN & COMPANY, St. Louis, Mo. Filed Nov. 7, 1925.

PASTEURINE

Particular description of goods.—Liquid Antiseptic Preparation, Antiseptic Powder, Throat Tablets, Hydrogen Peroxide, Constipation Tablets, Perspiration Powder, Foot Powder, Tooth Paste, Tooth Powder, Talcum Powder, Coconut Oil Shampoo, Nail Enamel, Vanishing Cream, Cold Cream, and Rouge.

Claims use since about Feb. 1, 1893.

Ser. No. 223,039. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) JONATHAN LEVI CO., INC., Schenectady, N. Y. Filed Nov. 9, 1925.

WGY

Particular description of goods.—Soap and Soap Powder.

Claims use since Oct. 1, 1925.

Ser. No. 225,092. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) INDEPENDENT TRUNK & BAG CO., Petersburg, Va. Filed Nov. 10, 1925.

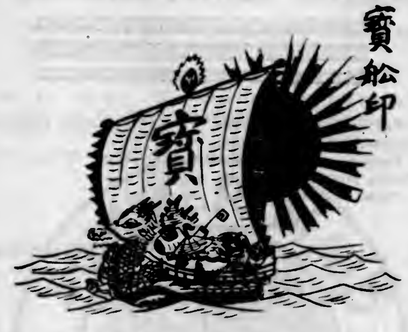


Registration of all wording in the drawing of the trade-mark with the exception of the word "Dependo" is disclaimed.

Particular description of goods.—Trunks, Bags, and Suitcases.

Claims use since Mar. 1, 1925.

Ser. No. 223,094. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TETSUJIRO KAGEYAMA, doing business as Kageyama & Co., San Francisco, Calif. Filed Nov. 10, 1925.



The Japanese ideographs appearing to the right of the drawing translated into English mean "Treasure Ship Brand." The Japanese ideographs appearing on the sail of the boat translated mean "Treasure."

Particular description of goods.—Tea.

Claims use since June, 1924.

Ser. No. 223,170. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HARTUNG BROTHERS, New York, N. Y. Filed Nov. 12, 1925.



Particular description of goods.—Food-Flavoring Extracts and Emulsions, Fruit and Flavoring Sirups for Food-Flavoring Purposes, Pie Fillings, Cake Icings, Pastry Pastes, Food-Flavoring Oils, Crushed Fruits, Cocoa Chocolate Powder, and Food Gelatins.

Claims use since February, 1921.

Ser. No. 223,251. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN MORRELL & Co., Ottumwa, Iowa. Filed Nov. 13, 1925.



Particular description of goods.—Lard, Shortening Composed of Vegetable Oils and Animal Fats, and Sausage.

Claims use since June, 1922.

Ser. No. 223,333. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) F. REDDAWAY & COMPANY LIMITED, Pendleton, Manchester, England. Filed Nov. 14, 1925.



The trade-mark consists of three red lines extending longitudinally of the hose.

Particular description of goods.—Hose Woven from Textile Material.

Claims use since 1880.

Ser. No. 223,358. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) A. S. ALOE CO., St. Louis, Mo. Filed Nov. 16, 1925.

LIGHTNING

Particular description of goods.—Electrotherapeutic Outfits and Cabinets.

Claims use since July 1, 1918.

Ser. No. 223,392. (CLASS 39. CLOTHING.) PHILIP A. LEAF, doing business as Leaf & Company, Chicago, Ill. Filed Nov. 16, 1925.

LEAF BRAND

Applicant disclaims the word "Brand" apart from the mark shown.

Particular description of goods.—Garments—Namely. Men's and Children's Overalls, Combination Suits, Coats, and Pants.

Claims use since Dec. 12, 1924.

Ser. No. 223,501. (CLASS 38. PRINTS AND PUBLICATIONS.) CAMERA CRAFT PUBLISHING COMPANY, San Francisco, Calif. Filed Nov. 19, 1925.

CAMERA CRAFT

Trade-mark consists of the words "Camera Craft."

Particular description of goods.—Monthly Magazine.

Claims use since May, 1900.

Ser. No. 223,524. (CLASS 37. PAPER AND STATIONERY.) KEUFFEL & ESSER COMPANY, Hoboken, N. J. Filed Nov. 19, 1925.

Jonic

Particular description of goods.—Tracing Paper.

Claims use since Jan. 1, 1885.

Ser. No. 223,525. (CLASS 37. PAPER AND STATIONERY.) KEUFFEL & ESSER COMPANY, Hoboken, N. J. Filed Nov. 19, 1925.

Nacus

Particular description of goods.—Tracing Paper.

Claims use since Jan. 1, 1885.

Ser. No. 223,526. (CLASS 37. PAPER AND STATIONERY.) KEUFFEL & ESSER COMPANY, Hoboken, N. J. Filed Nov. 19, 1925.

Doric

Particular description of goods.—Tracing Paper.

Claims use since Jan. 1, 1885.

Ser. No. 223,554. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH T. SPIKER doing business as J. T. Spiker & Co., Chicago, Ill. Filed Nov. 19, 1925.



Trade-mark "Little Fairy."

Particular description of goods.—Liquid Bluing.

Claims use since Aug. 1, 1925.

Ser. No. 223,557. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) SUSSFELD, LORSCH & SCHIMMEL, New York, N. Y. Filed Nov. 19, 1925.

MAXIM

Particular description of goods.—Binoculars, Including Telescopes, Opera, Field, and Marine Glasses.

Claims use since Feb. 1, 1896.

Ser. No. 223,567. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WEST-INDISCHE IMPORT COMPAGNIE, Amsterdam, Netherlands. Filed Nov. 19, 1925.



Particular description of goods.—Chocolate.

Claims use since Dec. 20, 1913.

Ser. No. 223,588. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MEXICAN PECAN CANDY CO., Dallas, Tex. Filed Nov. 20, 1925.



The portrait of a Mexican girl forming a part of the mark is fanciful, and the lines on the drawing are for shading purposes only. No claim is made herein to the words "Genuine Mexican Pecan Candy Pralines" and the word "Texas" apart from the mark shown in the drawing.

Particular description of goods.—Candy and Candy Preparations.

Claims use since Nov. 1, 1924.

Ser. No. 223,607. (CLASS 38. PRINTS AND PUBLICATIONS.) MAX SCHREIBER, Chicago, Ill. Filed Nov. 20, 1925.

EXCHANGE TRADERS' BULLETIN

Particular description of goods.—Daily Trade Bulletin.

Claims use since Nov. 2, 1925.

Ser. No. 223,665. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE SOMMER, Doylestown, Pa. Filed Nov. 21, 1925.



No claim is made to the exclusive use of the words "Sommer" and "Doylestown, Pa." apart from the mark shown on the drawing.

Particular description of goods.—Butter.

Claims use since July 20, 1924.

Ser. No. 223,667. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SALVATORE LUCY SURIANI, New York, N. Y. Filed Nov. 21, 1925.



Applicant disclaims use of all wording with the exception of the words "Acqua Magica" apart from the other features of the mark.

Particular description of goods.—Hair-Remover Preparation for Removing Hair from the Human Body.

Claims use since Feb. 16, 1924.

Ser. No. 223,674. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) WILLIAMS TOOL CORPORATION, Erie, Pa. Filed Nov. 21, 1925.

WILLIAMS

RAPIDUCTION

The word "Williams" is disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Threading Machines.
Claims use since June 5, 1925.

Ser. No. 223,734. (CLASS 38. PRINTS AND PUBLICATIONS.) NASH ENGINEERING COMPANY, South Norwalk, Conn. Filed Nov. 23, 1925.

THE MANIFOLD

Particular description of goods.—House Organ.
Claims use since Mar. 16, 1925.

Ser. No. 223,742. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) PENDLETON WOOLEN MILLS, Portland, Oreg. Filed Nov. 23, 1925.

YELLOWSTONE PARK

Particular description of goods.—Textile Blankets.
Claims use since May, 1923.

Ser. No. 223,770. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THOMAS DAVIS, Far Rockaway, N. Y. Filed Nov. 24, 1925.



Particular description of goods.—Hair and Skin Pomade in Salvelike Form, Sold in Containers, for Growing and Straightening Hair and for a Massaging and Developing Cream for the Face and Body.
Claims use since June, 1923.

Ser. No. 223,772. (CLASS 37. PAPER AND STATIONERY.) A. C. DODMAN, JR., INC., Hoboken, N. J. Filed Nov. 24, 1925.



Particular description of goods.—Wall Paper.
Claims use since Nov. 4, 1925.

Ser. No. 223,779. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SAMUEL FOX'S SONS INCORPORATED, doing business as La Porte Woolen Mills, Laporte, Ind. Filed Nov. 24, 1925.

SUPERFAST

Particular description of goods.—Fabrics Made Out of All Cotton.
Claims use since August, 1923.

Ser. No. 223,780. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SAMUEL FOX'S SONS INCORPORATED, doing business as La Porte Woolen Mills, Laporte, Ind. Filed Nov. 24, 1925.

A LaPorte SUPERFAST Fabric--FAST TO THE LAST

Applicant disclaims the words "La Porte, Fabric, Fast to the Last" apart from the mark shown in the drawing.
Particular description of goods.—Linen, Wool, or Worsted, Silk, Silk and Wool, Silk and Cotton, and Fabrics Made Out of All Cotton.
Claims use since August, 1923.

Ser. No. 223,801. (CLASS 39. CLOTHING.) THE PERRY KNITTING COMPANY, Perry, N. Y. Filed Nov. 24, 1925.

PERRY ARCTIC SHAKER

No claim is made to the name "Perry" and the word "Shaker" apart from the mark as shown in the drawing.
Particular description of goods.—Boys' and Men's Sweaters.
Claims use since Oct. 23, 1925.

Ser. No. 223,802. (CLASS 38. PRINTS AND PUBLICATIONS.) PRESS PUBLISHING COMPANY, New York, N. Y. Filed Nov. 24, 1925.

Gross Exaggerations

Particular description of goods.—Title of a Daily Comic Strip in Evening World Newspaper.
Claims use since Nov. 2, 1925.

Ser. No. 223,856. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) MCCABE & SCHOENHOLZ, INC., New York, N. Y. Filed Nov. 25, 1925.

THE "DUO" BAG

No claim for registration is made to the word "Bag" apart from its association as shown in the drawing.
Particular description of goods.—Leather Pocketbooks.
Claims use since August, 1925.

Ser. No. 223,916. (CLASS 39. CLOTHING.) ROSE HANSKAT, doing business as Rosehan Company, Chicago, Ill. Filed Nov. 27, 1925.

ROSE HANSKAT'S STAMFORM

The name "Rose Hanskat's" is not claimed apart from the mark shown on the drawing.
Particular description of goods.—Women's Undergarments of Textile Fabric.
Claims use since Aug. 20, 1925.

Ser. No. 223,921. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) E. N. KENNEDY, INCORPORATED, New York, N. Y. Filed Nov. 27, 1925.



The exclusive representation of a suitcase is disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Dress-Suit Cases, Bags, Trunks, and Dressing Cases.
Claims use since March, 1925.

Ser. No. 223,936. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) OHMER FARE REGISTER COMPANY, Dayton, Ohio. Filed Nov. 27, 1925.

RECORDOGRAF

Particular description of goods.—Mileage, Time, and Speed Recording Instruments, Recording Speedometers, and Taximeters.
Claims use since 1913.

Ser. No. 223,959. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GARRY & COMPANY, INC., New York, N. Y. Filed Nov. 28, 1925.

STASET

The lining shown upon the drawing indicates a red color.
Particular description of goods.—Hairdressing.
Claims use since Nov. 11, 1925.

Ser. No. 223,965. (CLASS 38. PRINTS AND PUBLICATIONS.) LAUNDRY AND DRY CLEANING SERVICE, INC., New Orleans, La. Filed Nov. 28, 1925.

The New Orleans HOME JOURNAL

Particular description of goods.—Magazine Issued Periodically.
Claims use since Aug. 1, 1925.

Ser. No. 223,992. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BANNER WHOLESALE GROCERY CO., Chicago, Ill. Filed Nov. 30, 1925.

RED DUCK



Particular description of goods.—Canned Vegetables—Namely, Peas, Corn, Spinach, String Beans, Wax Beans, Tomatoes; Canned Fish—Namely, Canned Salmon, Tunny, Sardines; Canned Fruit—Namely, Peaches, Pears, Cherries, Pineapple, Raspberries, and Strawberries.
Claims use since Aug. 1, 1925.

Ser. No. 223,993. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JAMES BEACH & SONS, Dubuque, Iowa. Filed Nov. 30, 1925.

Wonder Glow

Particular description of goods.—Bath Salts.
Claims use since Oct. 12, 1925.

Ser. No. 224,001. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) CHASE METAL WORKS, Waterbury, Conn. Filed Nov. 30, 1925.

ALPHA

Particular description of goods.—Brass and Other Pipe and Tubing.
Claims use since May 18, 1925.

Ser. No. 224,005. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE FELSER BISCUIT COMPANY, Columbus, Ohio. Filed Nov. 30, 1925.

Cheese Snax

No claim is made to the word "Cheese" apart from the mark as shown.
Particular description of goods.—Crackers.
Claims use since Apr. 25, 1925.

Ser. No. 224,012. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GILLETT CANNING COMPANY, Gillett, Wis. Filed Nov. 30, 1925.

WISCONSIN'S PRIDE

Applicant disclaims exclusive right to the term "Wisconsin's" except in the combination shown.
Particular description of goods.—Canned Peas, Beans, and Beets.
Claims use since May 15, 1911.

Ser. No. 224,029. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) CHARLES LORBER, Louisville, Ky. Filed Nov. 30. 1925.

LORBER
KEE-GARDS

The words "Lorber" and "Kee Gards" are disclaimed apart from the mark as shown on the drawing.
Particular description of goods.—Key Pouches, Cases, or Containers.
Claims use since Sept. 10, 1924.

Ser. No. 224,045. (CLASS 38. PRINTS AND PUBLICATIONS.) PORTER-BEDE-LANGTRY CORPORATION, Chicago, Ill. Filed Nov. 30, 1925.

NATIONAL
REAL ESTATE
JOURNAL

Particular description of goods.—Biweekly Magazines.
Claims use since May 19, 1910.

Ser. No. 224,047. (CLASS 38. PRINTS AND PUBLICATIONS.) PORTER-LANGTRY COMPANY, Chicago, Ill. Filed Nov. 30, 1925.

BUILDINGS
AND
BUILDING MANAGEMENT

Particular description of goods.—Biweekly Magazines.
Claims use since June, 1918.

Ser. No. 224,082. (CLASS 32. FURNITURE AND UPHOLSTERY.) DOUGLAS MANUFACTURING COMPANY, Crete, Nebr. Filed Dec. 2, 1925.

DOUGLAS MFG. CO.
CRETE NEBR.
MAKERS OF
PATENT Featherweight
COLLAPSIBLE
CAMP FURNITURE

The words shown in the drawing are disclaimed apart from the mark shown.
Particular description of goods.—Folding Camp Furniture—Namely, Beds, Cots, Tables, Stools, and Chairs Made Mainly of Steel.
Claims use since March, 1925.

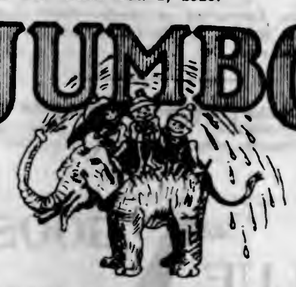
Ser. No. 224,092. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE INK-OUT MANUFACTURING CO., INC., Montclair, N. J. Filed Dec. 2, 1925.

CARDINELL'S
Eradi 2 in 1
ONE FLUID
Eradicator

No registration rights are claimed for the words "Cardinell's, One Fluid, Eradicator."
Particular description of goods.—Fluid Ink Eradicator.
Claims use since Feb. 11, 1925.

Ser. No. 224,093. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) JACK FROST BEVERAGE COMPANY, Monaca, Pa. Filed Dec. 2, 1925.

JUMBO



The trade-mark drawing is lined for red.
Particular description of goods.—Battery Water.
Claims use since Oct. 1, 1925.

Ser. No. 224,143. (CLASS 38. PRINTS AND PUBLICATIONS.) KING FEATURES SYNDICATE, INC., New York, N. Y. Filed Dec. 1, 1925.

SWITCHBOARD SALLY

Particular description of goods.—Cartoons in the Form of a Comic Strip.
Claims use since May 15, 1925.

Ser. No. 224,154. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) SAND'S LEVEL & TOOL CO., Detroit, Mich. Filed Dec. 1, 1925.



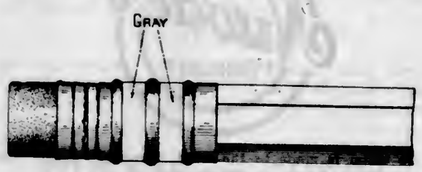
No claim is made to the representation of the goods. The mark consists in coloring the rib and handle a vermilion red as shown by the lining in the drawing.
Particular description of goods.—Darbies.
Claims use since Jan. 1, 1915.

Ser. No. 224,168. (CLASS 37. PAPER AND STATIONERY.) WOODWARD & LOTHROP, Washington, D. C. Filed Dec. 1, 1925.

Jane Wandl

Particular description of goods.—Writing Paper and Envelopes, Correspondence Cards and Envelopes, Writing Pads, Fountain Pens, Writing-Desk Sets, Diaries, Address Books, Engagement Books, Memorandum Books, Blotters, and Desk and Other Memorandum Calendars.
Claims use since Oct. 13, 1925.

Ser. No. 224,191. (CLASS 37. PAPER AND STATIONERY.) JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J. Filed Dec. 3, 1925.



Trade-mark consists of two gray bands displayed upon the tip. Applicant disclaims the representation of a pencil appearing upon drawing apart from the mark shown.
Particular description of goods.—Pencils.
Claims use since Nov. 30, 1925.

Ser. No. 224,227. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE EDW. M. BECKER COMPANY, Cleveland, Ohio. Filed Dec. 4, 1925.

ULETA

Particular description of goods.—Candy.
Claims use since May, 1925.

Ser. No. 224,261. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) PARFUMERIE ROGER ET GALLET, Paris, France. Filed Dec. 4, 1925.

AUSONIA

Particular description of goods.—Soaps—Namely, Soaps in Cake Form, Soap Pastes, and Soap Powders.
Claims use since July, 1905.

Ser. No. 224,281. (CLASS 39. CLOTHING.) FINE & LEVY INC., New York, N. Y. Filed Dec. 5, 1925.

"Buddy Jones"

No claim is made to the exclusive use of the personal name "Jones" apart from the mark as shown in the drawing. Trade-mark consists of the words "Buddy Jones."
Particular description of goods.—Boys' Hats.
Claims use since Sept. 1, 1925.

Ser. No. 224,290. (CLASS 39. CLOTHING.) OARAS APRONS, INC., Chicago, Ill. Filed Dec. 5, 1925.

Oaras

Particular description of goods.—Aprons and Dresses.
Claims use since May, 1918.

Ser. No. 224,346. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NUODEX PRODUCTS CO., INC., New York, N. Y. Filed Dec. 7, 1925.

Nuodex PRODUCT

No claim is made to the word "Product" apart from the mark as shown in the drawing.
Particular description of goods.—Device Having the Properties of Repelling and Exterminating Moths, Other Insects, and Rodents and of Deodorizing, Fumigating, Scenting, or Perfuming, and for General Sanitary, Antiseptic, Therapeutic, and Germicidal Purposes.
Claims use since Aug. 4, 1924.

Ser. No. 224,364. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) S. S. SIMON, Monterey, Calif. Filed Dec. 7, 1925.

ALL IODINE VALUE RETAINED
BONELESS SIRLOIN SARDINES SOUSED
PACKED BY S.S. SIMON

All wording appearing on the drawing except the word "Sirloin" is disclaimed apart from the association shown.
Particular description of goods.—Bottled and Canned Sardines.
Claims use since Jan. 1, 1922.

Ser. No. 224,374. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BEAR MILL MANUFACTURING COMPANY, INC., New York, N. Y. Filed Dec. 8, 1925.

SEW-SIMPLE

Particular description of goods.—Short Lengths of Cotton, Silk, Woolen, or Mixed Materials.
Claims use since Dec. 1, 1925.

Ser. No. 224,376. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SAMUEL FINE, doing business as Samuel Fine Co., Cincinnati, Ohio. Filed Dec. 8, 1925.

BLUE GOOSE



Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since Nov. 7, 1925.

Ser. No. 224,402. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925.

PARLOR CITY

Particular description of goods.—Ammonia.
Claims use since 1889.

Ser. No. 224,426. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SECURITY MANUFACTURING COMPANY, Los Angeles, Calif. Filed Dec. 8, 1925.

CARBONOL

Particular description of goods.—Carburizing Compound.
Claims use since Nov. 6, 1925.

Ser. No. 224,439. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE S. S. WHITE DENTAL MANUFACTURING COMPANY, Philadelphia, Pa. Filed Dec. 8, 1925.

KRYPTEX

Trade-mark consists of the word "Kryptex."
Particular description of goods.—Dental Cement.
Claims use since about Oct. 15, 1925.

Ser. No. 224,440. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE S. S. WHITE DENTAL MANUFACTURING COMPANY, Philadelphia, Pa. Filed Dec. 8, 1925.

TARNO

Trade-mark consists of the word "Tarno."
Particular description of goods.—Dental Instruments.
Claims use since about Sept. 18, 1923.

Ser. No. 224,448. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BEDWELL & HAMILTON, Wenatchee, Wash. Filed Dec. 9, 1925.

B. & H.

Particular description of goods.—Compound for Treating Pyorrhea.
Claims use since June 1, 1925.

Ser. No. 224,455. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM J. GRACE, Los Angeles, Calif. Filed Dec. 9, 1925.

RAPHU

Particular description of goods.—Medicines for External and Internal Use.
Claims use since Jan. 2, 1910.

Ser. No. 224,466. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MAGDA LABORATORIES, Memphis, Tenn. Filed Dec. 9, 1925.

GRAPE ROOT

Particular description of goods.—Laxative Compound.
Claims use since Oct. 1, 1925.

Ser. No. 224,473. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CLARENCE D. REYNOLDS, Whittier, Calif. Filed Dec. 9, 1925.

QUEEN OF SHEBA

Particular description of goods.—Liquid Rouge for Face and Lips.
Claims use since Nov. 27, 1925.

Ser. No. 224,492. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) WILLIAM A. BAILEY, Portland, Oreg. Filed Dec. 10, 1925.

Bashuol

Particular description of goods.—Shoe Oil.
Claims use since Nov. 1, 1925.

Ser. No. 224,494. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE BARBASOL COMPANY, doing business as Barbasol Pharmaceutical Laboratories, Indianapolis, Ind. Filed Dec. 10, 1925.

Baralgin

Particular description of goods.—Pharmaceutical Preparation in the Form of a Tablet for Relief of Pain.
Claims use since Mar. 15, 1925.

Ser. No. 224,504. (CLASS 39. CLOTHING.) DURHAM HOSIERY MILLS, Durham, N. C. Filed Dec. 10, 1925.



ARAB

Particular description of goods.—Hosiery.
Claims use since Oct. 22, 1925.

Ser. No. 224,531. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM A. PURINGTON, doing business as W. A. Purington & Co., Dover-Foxcroft, Me. Filed Dec. 10, 1925.

EUREKIAMA

Particular description of goods.—Medicinal Preparation for Use as a Gargle, Also for External Application for the Relief of Pneumonia, Bronchitis, Neuritis, Pains, Certain Forms of Exhaustion, and Inflammation, and Also a Specific for Whooping Cough.
Claims use since Oct. 8, 1924.

Ser. No. 224,534. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ARNOLD J. SCHELE, Cle Elum, Wash. Filed Dec. 10, 1925.

ZERODOR

Particular description of goods.—Body Deodorant.
Claims use since Dec. 2, 1925.

Ser. No. 224,540. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) BALTIMORE DISTILLING CO., Baltimore, Md. Filed Dec. 11, 1925.

CANTAN

Particular description of goods.—Whisky.
Claims use since about Aug. 1, 1925.

Ser. No. 224,556. (CLASS 39. CLOTHING.) FOREMAN'S INC., Chicago, Ill. Filed Dec. 11, 1925.

CASINO

Particular description of goods.—Men's Suits.
Claims use since Nov. 13, 1925.

Ser. No. 224,560. (CLASS 39. CLOTHING.) HART, SCHAFFNER & MARX, Chicago, Ill. Filed Dec. 11, 1925.

Plumbloom

Particular description of goods.—Men's Suits and Coats.
Claims use since Nov. 16, 1925.

Ser. No. 224,567. (CLASS 15. OILS AND GREASES.) ALFRED T. LOCKE, Chicago, Ill. Filed Dec. 11, 1925.



No claim is made for the words "Locke's Better Gasoline."
Particular description of goods.—Fuel Oils and Lubricating Oils.
Claims use since June 1, 1922.

Ser. No. 224,568. (CLASS 39. CLOTHING.) ARMIN MANHEIM, doing business as A. Manheim & Co., New York, N. Y. Filed Dec. 11, 1925.

PRIMULUS



No claim is made to the word "Brand" apart from the mark shown on the drawing.
Particular description of goods.—Ladies' and Children's Silk Underwear—Namely, Bloomers, Vests, Step-ins, Chemises, Slips, and Petticoats.
Claims use since Aug. 1, 1925.

Ser. No. 224,595. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) OTTO J. COHEN, New York, N. Y. Filed Dec. 12, 1925.



No claim is made to the words "Beauty Culture Requisites" apart from the mark as shown.
Particular description of goods.—Face Powders, Face Packs, Face Creams, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Lip Sticks, Eyebrow Pencils, Deodorizing Preparations, Bath Salts, Smelling Salts, Incense, Talcum Powder, and Sachets.
Claims use since July 5, 1925.

Ser. No. 224,600. (CLASS 39. CLOTHING.) DEERDEN HOSIERY MILLS, INC., Philadelphia, Pa. Filed Dec. 12, 1925.



The drawing is lined to indicate the color green.
Particular description of goods.—Hosiery.
Claims use since Nov. 25, 1925.

Ser. No. 224,603. (CLASS 37. PAPER AND STATIONERY.) FORT HOWARD PAPER COMPANY, Green Bay, Wis. Filed Dec. 12, 1925.

HAVANAP

Particular description of goods.—Paper Napkins, Toilet Paper, and Paper Towels.
Claims use since Oct. 29, 1924.

Ser. No. 224,614. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NEBRASKA CONSOLIDATED MILLS COMPANY, Omaha, Nebr. Filed Dec. 12, 1925.

Big Horn



Particular description of goods.—Wheat Flour.
Claims use since Sept. 10, 1925.

Ser. No. 224,616. (CLASS 39. CLOTHING.) PARKER, STEARNS & COMPANY, Brooklyn, N. Y. Filed Dec. 12, 1925.

"Kid-Ovrs"

Particular description of goods.—Babies' Rubber Pants or Bloomers.
Claims use since Dec. 4, 1925.

Ser. No. 224,620. (CLASS 39. CLOTHING.) PURITEST SILK HOSIERY CORPORATION, Buffalo, N. Y. Filed Dec. 12, 1925.

PuriTest

Particular description of goods.—Hosiery.
Claims use since on or about Sept. 1, 1925.

Ser. No. 224,625. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ADOLPH REISMAN, New York, N. Y. Filed Dec. 12, 1925.

Slyce-O Bread

Trade-mark consists of the words "Slyce-O." Applicant disclaims the word "Bread" except in connection with the other features of the mark.

Particular description of goods.—Precut Bread.

Claims use since July 1, 1925.

Ser. No. 224,626. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE ROYALTY SALES COMPANY, Washington, D. C. Filed Dec. 12, 1925.

PAINLEAVE

Particular description of goods.—Liniment for Stiff or Swollen Joints, Lumbago, Sciatica, Rheumatism, Sprains, Bruises, Sore Throat, Croup, Neuralgia, Chilblains, and Insect Stings.

Claims use since November, 1925.

Ser. No. 224,627. (CLASS 45. BEVERAGES, NONALCOHOLIC.) CAROLYN S. SMITH, doing business as Vitalized Water Process, New York, N. Y. Filed Dec. 12, 1925.

VITALIZED WATER

No claim is made to the word "Water" apart from the mark shown.

Particular description of goods.—Water for Drinking Purposes.

Claims use since about January, 1914.

Ser. No. 224,628. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SPERRY FLOUR COMPANY, San Francisco, Calif. Filed Dec. 12, 1925.

VOLUMAKER

Particular description of goods.—Wheat Flour.

Claims use since Oct. 10, 1925.

Ser. No. 224,634. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) TRIPPE, BARKER & CO., New York, N. Y. Filed Dec. 12, 1925.

RAYOPAC

Particular description of goods.—Cotton Piece Goods, Artificial-Silk Piece Goods, and Piece Goods Being Mixtures of Cotton and Artificial Silk.

Claims use since Dec. 2, 1925.

Ser. No. 224,647. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EDWARD W. BAILEY, Pittsburgh, Pa. Filed Dec. 14, 1925.

O'Lay

Particular description of goods.—Hairdressing.

Claims use since Sept. 21, 1925.

Ser. No. 224,651. (CLASS 32. FURNITURE AND UPHOLSTERY.) A. BRANDWEIN & CO., Chicago, Ill. Filed Dec. 14, 1925.

KWIL-TES

Particular description of goods.—Mattresses.

Claims use since Sept. 1, 1925.

Ser. No. 224,660. (CLASS 39. CLOTHING.) GEORGE FROST COMPANY, Boston, Mass. Filed Dec. 14, 1925.



No claim is made herein to the words "Wide Web, Boston Garter, Velvet Grip, Quality First" nor to the representation of the garter apart from the trade-mark shown.

Particular description of goods.—Men's Garters.

Claims use since June 1, 1923.

Ser. No. 224,680. (CLASS 17. TOBACCO PRODUCTS.) SMITH & SCOTT TOBACCO CO., INCORPORATED, Paducah, Ky. Filed Dec. 14, 1925.



Particular description of goods.—Smoking Tobacco.

Claims use since Nov. 27, 1925.

Ser. No. 224,701. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) B. FILIPPONE & CO., Passaic, N. J. Filed Dec. 15, 1925.

ROSINELLA



Particular description of goods.—Macaroni and Cottonseed Oil.

Claims use since October, 1923, for macaroni, and since August, 1922, for cottonseed oil.

Ser. No. 224,706. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HOLDEN-LEONARD CO., New York, N. Y. Filed Dec. 15, 1925.

LENOSHEEN

Particular description of goods.—Worsted and Woolen Textile Fabrics.

Claims use since about Aug. 1, 1925.

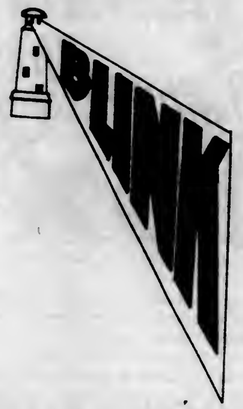
Ser. No. 224,711. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KANSAS CITY MACARONI & IMPORTING CO., doing business as American Beauty Macaroni Co., Kansas City, Mo. Filed Dec. 15, 1925.

ELBO-RONI

Particular description of goods.—Ready-Cut Macaroni.

Claims use since July 10, 1925.

Ser. No. 224,729. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN SCHANZENBACH, doing business as State Importing & Sales Co., New York, N. Y. Filed Dec. 15, 1925.



Particular description of goods.—Manicure Preparations, Cuticle Remover, Cuticle Salve, Nail-Polish Powder, Nail-Polish Liquid, Nail-Polish Paste, Nail-Bleach Powder, Nail-Polish Remover, and Nail-White Paste.

Claims use since Sept. 19, 1925.

Ser. No. 224,732. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) STANDARD CLOTH COMPANY, INC., New York, N. Y. Filed Dec. 15, 1925.

CHIFFONDALE

Particular description of goods.—Cotton Goods in the Piece.

Claims use since Dec. 7, 1925.

Ser. No. 224,733. (CLASS 15. OILS AND GREASES.) STATES OIL COMPANY, Louisville, Ky. Filed Dec. 15, 1925.

STATES

Particular description of goods.—Lubricating Oils and Greases, Gasoline, and Kerosene.

Claims use since 1921.

Ser. No. 224,738. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) AMARANTH FABRICS, INC., New York, N. Y. Filed Dec. 16, 1925.



Particular description of goods.—Woven Fabrics of Silk, Artificial Silk, and Combinations Thereof.
Claims use since Aug. 11, 1925.

Ser. No. 224,766. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ARTHUR L. KLOPFENSTEIN, doing business as Star Billiard Company, Fort Wayne, Ind. Filed Dec. 16, 1925.

RAZOR RITE

Particular description of goods.—Razor-Strop Dressing.
Claims use since Oct. 22, 1925.

Ser. No. 224,775. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LESQUENDIEU, INC., New York, N. Y. Filed Dec. 16, 1925.

TUSSY

Particular description of goods.—Lip Sticks.
Claims use since Nov. 6, 1925.

Ser. No. 224,780. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE READ DRUG & CHEMICAL CO., Baltimore, Md. Filed Dec. 16, 1925.

Lorly

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Perfumes, Incense, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, Talcum Powders, Eyebrow Pencils, Lip Sticks, Lip Pomades, Bandolines, Sachets, and Compacts.
Claims use since June 16, 1915.

Ser. No. 224,781. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) REED & CARNRICK, Jersey City, N. J. Filed Dec. 16, 1925.

A N D
R D C

Particular description of goods.—Antidyspeptic Preparation Consisting of a Combination of All the Hormones, Enzymes, and Internal Secretions Found in the Salivary, Peptic, Pancreatic, Splenic, and Intestinal Glands, and a Product for Use in the Treatment of Kidney Diseases, Composed of the Identical Enzymes, Hormones, Internal Secretions, and Autonutritive Bodies Found in the Healthy Kidney, and a Product which is a Physiological Combination of Dehydrated Bile and All the Enzymes, Hormones, and Other Internal Secretions of the Pancreas for Use in the Treatment of Constipation, and a Product which is a Physiological Association of the Thyroid, Thymus, Spleen, Pancreas, Salivary, Lymphatics, Peptic, and Pituitary Glands for Use in All Conditions Showing Derangement of the Internal Secretory System, in Tablet, Powder, and Granulated Form.
Claims use since 1923.

Ser. No. 224,789. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ULLMAN-LEVINTHAL SILKS CORPORATION, New York, N. Y. Filed Dec. 16, 1925.



Particular description of goods.—Silk, Artificial Silk, Cotton, or Combinations Thereof in the Piece.
Claims use since Dec. 10, 1925.

Ser. No. 224,791. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) UNITED STATES CARTRIDGE COMPANY, New York, N. Y. Filed Dec. 16, 1925.

DEFIANCE

Particular description of goods.—Ammunition.
Claims use since October, 1924.

Ser. No. 224,803. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BRADHAM DRUG COMPANY, New Bern, N. C. Filed Dec. 17, 1925.

PINE IVY

Particular description of goods.—Medicine for Use in the Treatment of Rheumatism, Backache, and Colds.
Claims use since 1901.

Ser. No. 224,810. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EDWARD J. CONNELL, New Orleans, La. Filed Dec. 17, 1925.

REMASAN

Particular description of goods.—Blood Preparation for the Treatment of Carbuncles, Boils, Pimples, and Such Like Ailments.
Claims use since Oct. 1, 1925.

Ser. No. 224,825. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRED B. NEUHOFF COMPANY, Los Angeles, Calif. Filed Dec. 17, 1925.



Particular description of goods.—Canned Fruits and Vegetables.
Claims use since Nov. 2, 1925.

Ser. No. 224,833. (CLASS 28. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE SKAYEF BALL BEARING COMPANY, Hartford, Conn. Filed Dec. 17, 1925.

SKF

Particular description of goods.—Ball Bearings, Roller Bearings, Rings, Retainers, Washers, Cages, Separators, Housings, Boxes, Supports, Casings, Closures, Fastening Devices for Ball and Roller Bearings, Balls and Rollers for Bearing Clutches, Pulleys, and Textile Spindles.
Claims use since Mar. 31, 1907.

Ser. No. 224,840. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland. Filed Dec. 17, 1925.

CIBANTHRONE

Particular description of goods.—Coal-Tar Colors.
Claims use since Apr. 17, 1924.

Ser. No. 224,841. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland. Filed Dec. 17, 1925.

CIBACETE

Particular description of goods.—Coal-Tar Colors.
Claims use since Sept. 23, 1925.

Ser. No. 224,848. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) UNDERHAY OIL CO., Boston, Mass. Filed Dec. 17, 1925.

IXOL

Particular description of goods.—White Oil Primarily Used in the Preparation of Cold Cream.
Claims use since May 19, 1925.

Ser. No. 224,849. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) UNION FRUIT CO. INC., La Mesa, Calif. Filed Dec. 17, 1925.

GROSSMOUNT

Particular description of goods.—Fresh Vegetables—Namely, Fresh Tomatoes.
Claims use since Oct. 15, 1922.

Ser. No. 224,854. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN CHICLE COMPANY Long Island City, N. Y. Filed Dec. 18, 1925.

DENTAGUM

Particular description of goods.—Chewing Gum.
Claims use since Dec. 9, 1925.

Ser. No. 224,902. (CLASS 39. CLOTHING.) CARADINE HAT COMPANY, St. Louis, Mo. Filed Dec. 19, 1925.



Air-Way

Particular description of goods.—Men's Hats.
Claims use since about July 1, 1925.

Ser. No. 224,916. (CLASS 39. CLOTHING.) KALE SHOE MFG. CO., INC., Rochester, N. Y. Filed Dec. 19, 1925.

Plawelt

Particular description of goods.—Leather, Felt, and Canvas, and Combinations of Leather, Felt, and Canvas Shoes.
Claims use since Oct. 15, 1925.

Ser. No. 225,036. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ERNEST W. RICHARDS, Durango, Colo. Filed Dec. 22, 1925.

GOOSE BACK

Particular description of goods.—Automobile Top Dressings.
Claims use since Oct. 20, 1925.

Ser. No. 225,084. (CLASS 39. CLOTHING.) ENDICOTT JOHNSON CORPORATION, Endicott, N. Y. Filed Dec. 23, 1925.

PARACREPE

Particular description of goods.—Rubber Soles and Bottoms for Shoes.
Claims use since about Dec. 11, 1925.

Ser. No. 225,110. (CLASS 39. CLOTHING.) J. W. CARTER COMPANY, doing business as Service Shoe Co., Nashville, Tenn. Filed Dec. 24, 1925.

Young Fellow

Trade-mark consists of the words "Young Fellow."
Particular description of goods.—Boots and Shoes Made of Leather, Fabrics, or Combinations Thereof.
Claims use since July 20, 1925.

Ser. No. 225,185. (CLASS 39. CLOTHING.) HAMILTON, BROWN SHOE COMPANY, St. Louis, Mo. Filed Dec. 26, 1925.

SIZZLER

Particular description of goods.—Men's, Women's, and Children's Leather and Fabric Shoes.
Claims use since Nov. 30, 1925.

Ser. No. 225,211. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) UNITED STATES PRODUCTS CORPORATION, San Jose, Calif. Filed Dec. 26, 1925.

VISCOUNT

Particular description of goods.—Canned Fruits and Canned Vegetables.
Claims use since Nov. 24, 1925.

Ser. No. 225,367. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SAMUEL N. MAGILL, INC., Philadelphia, Pa. Filed Dec. 31, 1925.

Venus-Tex

Particular description of goods.—Silk Fabric.
Claims use since Dec. 15, 1925.

Ser. No. 225,414. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) GOLDSTEIN-WILKINS CORPORATION, New York, N. Y. Filed Jan. 2, 1926.

Perennial Prints

The word "Prints" is disclaimed apart from the mark shown.
Particular description of goods.—Textile Fabrics—Namely, Silk, Artificial Silk, Wool, and Cotton and Combinations Thereof.
Claims use since Dec. 5, 1925.

Ser. No. 225,415. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE GOUDEY GUM CO., Allston, Mass. Filed Jan. 2, 1926.

SLIK-O

The mark consists of the word "Slik-O."
Particular description of goods.—Chewing Gum.
Claims use since Feb. 11, 1921.

Ser. No. 225,416. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE GOUDEY GUM CO., Allston, Mass. Filed Jan. 2, 1926.

LEMOLYME

The mark consists of the word "Lemolyme."
Particular description of goods.—Chewing Gum.
Claims use since April, 1921.

Ser. No. 225,546. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) APPLETON COMPANY, Lowell, Mass. Filed Jan. 6, 1926.

BLENDOWN

Trade-mark consists of the word "Blendown."
Particular description of goods.—Wool and Cotton Piece Goods.
Claims use since Dec. 28, 1925.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

FEBRUARY 9, 1926.

208,657. LADIES' HOSIERY. THE JONES, WITTER AND COMPANY, Columbus, Ohio.
Filed August 18, 1924. Serial No. 201,563. PUBLISHED OCTOBER 14, 1924.

208,658. PHARMACEUTICAL PREPARATION FOR HUMAN USE AND VETERINARY PURPOSES. C. P. CHEMICAL & DRUG CO., INC., New York, N. Y.
Filed June 21, 1924. Serial No. 198,937. PUBLISHED NOVEMBER 17, 1925.

208,659. COFFEE, TEA, SPICES, FOOD-FLAVORING EXTRACTS; FLAVORING SEEDS — NAMELY, MUSTARD, CELERY, CARDAMOM, CORIANDER, CARAWAY, ANISE, FENNEL, DILL, CUMIN, AND POPPY SEED AND CORNSTARCH USED FOR FOOD PURPOSES. TONE BROTHERS, Des Moines, Iowa.
Filed June 6, 1924. Serial No. 198,202. PUBLISHED NOVEMBER 17, 1925.

208,660. MEDICINAL HEMORRHOIDAL PREPARATIONS. EMIL RATH, doing business as Vial & Uhlmann, Frankfort-on-the-Main, Germany.
Filed August 4, 1924. Serial No. 200,961. PUBLISHED NOVEMBER 17, 1925.

208,661. HOSIERY. NELSON KNITTING COMPANY, Rockford, Ill.
Filed June 28, 1924. Serial No. 199,298. PUBLISHED SEPTEMBER 9, 1924.

208,662. TOILET PREPARATIONS — NAMELY, PASTES AND POWDERS FOR PRESERVING AND BEAUTIFYING THE SKIN, HAIR, AND TEETH—AND PERFUMERY. PARFUMERIE ROGER & GALLET, Paris, France.
Filed June 24, 1924. Serial No. 199,086. PUBLISHED NOVEMBER 17, 1925.

208,663. TOILET PREPARATIONS — NAMELY, PASTES AND POWDERS FOR BEAUTIFYING AND PRESERVING THE SKIN, HAIR, AND TEETH—AND PERFUMERY. PARFUMERIE ROGER & GALLET, Paris, France.
Filed June 24, 1924. Serial No. 199,085. PUBLISHED NOVEMBER 17, 1925.

208,664. TOILET PREPARATIONS — NAMELY, PASTES AND POWDERS FOR BEAUTIFYING AND PRESERVING THE SKIN, HAIR, AND TEETH—AND PERFUMERY. PARFUMERIE ROGER & GALLET, Paris, France.
Filed June 24, 1924. Serial No. 199,084. PUBLISHED NOVEMBER 17, 1925.

208,665. NONALCOHOLIC, MALTLESS VEGETABLE-COMPOUND BEVERAGE CONTAINING COFFEE, SOLD AS A SOFT DRINK, AND SIRUP FOR MAKING THE SAME. KIC-NIC, INCORPORATED, New York, N. Y.
Filed December 7, 1923. Serial No. 189,364. PUBLISHED NOVEMBER 24, 1925.

208,666. TOILET PREPARATIONS. HARRY WEINSTEIN, doing business as Purafect Products Co., Brooklyn, N. Y.
Filed August 24, 1923. Serial No. 184,949. PUBLISHED NOVEMBER 17, 1925.

208,667. REMEDY USED IN THE TREATMENT OF RHEUMATISM. SIDNEY CAPLAN, doing business as Sid's Remedy Co., Chicago, Ill.
Filed June 1, 1925. Serial No. 215,133. PUBLISHED NOVEMBER 17, 1925.

208,668. MOPSTICKS. STOVER MANUFACTURING & ENGINE CO., Freeport, Ill.
Filed May 29, 1925. Serial No. 215,102. PUBLISHED NOVEMBER 24, 1925.

208,669. FABRIC OF SILK AND COTTON. N. FLUEGELMAN & CO., INC., New York, N. Y.
Filed June 4, 1925. Serial No. 215,297. PUBLISHED NOVEMBER 17, 1925.

208,670. SWEATERS, BATHING SUITS, SCARFS, DRESSES, LADIES' SUITS, LADIES' HATS, BLOUSES, CAPES, AND PETTICOATS. AMERICAN KNITWEAR COMPANY, New York, N. Y.
Filed June 6, 1925. Serial No. 215,397. PUBLISHED NOVEMBER 3, 1925.

208,671. UNDERGARMENTS OF KNITTED MATERIALS AND TEXTILE FABRICS FOR MEN, WOMEN, AND CHILDREN; VESTS, BLOOMERS, AND NIGHTGOWNS OF KNITTED MATERIALS AND TEXTILE FABRICS FOR WOMEN AND CHILDREN; PRINCESS SLIPS OF KNITTED MATERIALS AND TEXTILE FABRICS FOR WOMEN; UNION SUITS AND PYJAMAS OF KNITTED MATERIALS AND TEXTILE FABRICS FOR MEN, WOMEN, AND CHILDREN. NATHAN SIEGEL, Brooklyn, N. Y.
Filed June 12, 1925. Serial No. 215,711. PUBLISHED NOVEMBER 3, 1925.

208,672. TEXTILE ARTICLES—NAMELY, HOSIERY. BEAR BRAND HOSIERY CO., Chicago, Ill.
Filed June 13, 1925. Serial No. 215,729. PUBLISHED OCTOBER 20, 1925.

208,673. WALNUTS IN THEIR NATURAL STATE, SHELLED AND IN THE SHELL, PEANUTS IN THEIR NATURAL STATE, SHELLED AND IN THE SHELL. HALE COMPANY, San Francisco, Calif.
Filed June 25, 1925. Serial No. 216,390. PUBLISHED NOVEMBER 24, 1925.

208,674. LAXATIVE. THEODORE S. JACKSON, doing business as The Jackson Pharmacal Co., Rockford, Ill.
Filed June 26, 1925. Serial No. 216,464. PUBLISHED NOVEMBER 17, 1925.

208,675. CERTAIN PIECE GOODS. BENDIX & FIBER, INC., New York, N. Y.
Filed June 27, 1925. Serial No. 216,497. PUBLISHED NOVEMBER 17, 1925.

208,676. MEDICINE FOR STOMACH, LIVER, AND KIDNEY TROUBLE. MAR-O-VEL COMPANY, Oklahoma City, Okla.
Filed June 29, 1925. Serial No. 216,620. PUBLISHED NOVEMBER 10, 1925.

208,677. BOYS' SAILOR SUITS, BOYS' AND YOUNG MEN'S BLAZERS; BOYS', YOUNG MEN'S, AND MEN'S NORFOLK SUITS AND CAPS; BOYS', GIRLS', MISSES', AND WOMEN'S JERSEY SUITS; YOUNG MEN'S AND MEN'S LOUNGE SUITS; BOYS', YOUNG MEN'S, MEN'S, AND GIRLS' HALF HOSE; GIRLS', MISSES', AND WOMEN'S GLOVES; YOUNG MEN'S, MEN'S, GIRLS' MISSES', AND WOMEN'S SPATS; BOYS', YOUNG MEN'S, MEN'S, GIRLS', MISSES', AND WOMEN'S DAY ROBES; NIGHT ROBES, KNICKERS, TIES, COLLARS, AND GOLF HOSE. BEST & CO., INC., New York, N. Y.
Filed July 2, 1925. Serial No. 216,768. PUBLISHED NOVEMBER 3, 1925.

208,678. PAINT AND VARNISH BRUSHES. EDW. E. ROBINSON, New York, N. Y.
Filed July 2, 1925. Serial No. 216,796. PUBLISHED NOVEMBER 24, 1925.

208,679. ARTIFICIAL RAYON SILK FABRICS. HAHLO & SOLOMON INC., New York, N. Y.
Filed July 7, 1925. Serial No. 216,976. PUBLISHED NOVEMBER 10, 1925.

208,680. ARTIFICIAL RAYON SILK FABRICS. HAHLO & SOLOMON INC., New York, N. Y.
Filed July 7, 1925. Serial No. 216,977. PUBLISHED NOVEMBER 10, 1925.

208,681. PREPARATION FOR THE TREATMENT OF ASTHMA, HAY FEVER, AND CATARRH. EDWIN R. BUDD, Cleveland, Ohio.
Filed July 8, 1925. Serial No. 217,006. PUBLISHED NOVEMBER 17, 1925.

208,682. BAGS MADE OF MATERIAL IMPERMEABLE TO AIR. FOOD FLAVOUR PRESERVATION PROCESS LIMITED, Leigh-on-Sea, England.
Filed July 9, 1925. Serial No. 217,081. PUBLISHED NOVEMBER 24, 1925.

208,683. LETTER-DUPLICATING MACHINES. THE HEYER DUPLICATOR COMPANY, INC., Chicago, Ill.
Filed July 10, 1925. Serial No. 217,152. PUBLISHED NOVEMBER 24, 1925.

208,684. PONCHOS. WILLIAM Y. ALBERTSON, Philadelphia, Pa.
Filed July 15, 1925. Serial No. 217,381. PUBLISHED NOVEMBER 3, 1925.

208,685. FACE LOTION. ROSS M. BARNES, doing business as Barnes FacEase Co., Galveston, Tex., and Tulsa, Okla.
Filed July 15, 1925. Serial No. 217,386. PUBLISHED NOVEMBER 17, 1925.

208,686. READY-MIXED PAINTS, ENAMELS, STAINS, AND VARNISHES. TRUSCON STEEL COMPANY, doing business as The Truscon Laboratories, Detroit and Hamtramck, Mich.
Filed July 15, 1925. Serial No. 217,429. PUBLISHED OCTOBER 27, 1925.

208,687. CERTAIN CROCKERY WARE. ADOLPHE SCHLOSS FILS & CIE., Paris, France.
Filed January 21, 1925. Serial No. 208,431. PUBLISHED OCTOBER 20, 1925.

208,688. MILK, BUTTERMILK, AND CREAM. HARMONY CREAMERY COMPANY, Pittsburgh, Pa.
Filed January 26, 1925. Serial No. 208,654. PUBLISHED NOVEMBER 17, 1925.

208,689. MILK, BUTTERMILK, AND CREAM. HARMONY CREAMERY COMPANY, Pittsburgh, Pa.
Filed January 26, 1925. Serial No. 208,655. PUBLISHED NOVEMBER 17, 1925.

208,690. ANTIACID AND STOMACH CORRECTIVE. WILLIAM H. C. HOLST, doing businesss as Remo Chemical Co., Washington, D. C.
Filed January 27, 1925. Serial No. 208,706. PUBLISHED NOVEMBER 24, 1925.

208,691. NONALCOHOLIC, MALTLESS, CARBONATED BEVERAGES. BIG BILL BOTTLING COMPANY, Winston-Salem, N. C., assignor to Taylor-Long Company, Charlotte, N. C., a Corporation of North Carolina.
Filed February 14, 1925. Serial No. 209,558. PUBLISHED NOVEMBER 24, 1925.

208,692. DRESS SHIRTS. SILBERSTEIN BROS. SHIRT CO., New York, N. Y.
Filed February 18, 1925. Serial No. 209,819. PUBLISHED AUGUST 4, 1925.

208,693. EFFERVESCENT COMPOUND FOR RHEUMATISM, KIDNEY, LIVER, AND BLADDER TROUBLE, CONSTIPATION, HEADACHE, DYSPEPSIA, STOMACH AND INTESTINAL TROUBLE, PILES, AND SKIN DISEASES. JOHN M. MASSLON, doing business as Cit-Rhu Mfg. Co., McKees Rocks, Pa.
Filed March 9, 1925. Serial No. 210,738. PUBLISHED NOVEMBER 17, 1925.

208,694. PHARMACEUTICAL PREPARATION USED FOR PREPARING TAR BATHS FOR THE TREATMENT OF CHRONIC SKIN DISEASES AND RHEUMATIC DISEASES. WOLO A.-G., (WOLO LTD.), Zurich, Switzerland.
Filed March 12, 1925. Serial No. 210,943. PUBLISHED NOVEMBER 17, 1925.

208,695. SUBSTANCE FOR USE IN THE TREATMENT OF SYPHILIS. JOSEPH W. STEVENS, New York, N. Y.
Filed March 26, 1925. Serial No. 211,722. PUBLISHED NOVEMBER 17, 1925.

208,696. GLASS PIN TRAYS OR HOLDERS. L. W. TIFFANY, Winsted, Conn.
Filed March 26, 1925. Serial No. 211,723. PUBLISHED NOVEMBER 17, 1925.

208,697. PERFUMES AND HYGIENIC PRODUCTS. FRANKLIN SIMON & CO., INC., New York, N. Y.
Filed April 9, 1925. Serial No. 212,432. PUBLISHED NOVEMBER 17, 1925.

208,698. SILK PIECE GOODS. BENDIX & FIBER, INC., New York, N. Y.
Filed April 14, 1925. Serial No. 212,667. PUBLISHED NOVEMBER 10, 1925.

208,699. COTTON PIECE GOODS. PACOLET MFG. CO., Pacolet and Spartanburg, S. C., and New Holland, Ga.
Filed April 18, 1925. Serial No. 212,957. PUBLISHED JUNE 23, 1925.

208,700. ESSENTIAL OILS SUITABLE FOR PERFUMERY PURPOSES. HEINE & CO., New York, N. Y.
Filed April 29, 1925. Serial No. 213,510. PUBLISHED NOVEMBER 17, 1925.

208,701. BEDS, DIVANS, COUCHES, HAMMOCKS, AND HAMMOCK STANDS. NEW ENGLAND BEDDING COMPANY, Boston, Mass.
Filed May 2, 1925. Serial No. 213,724. PUBLISHED NOVEMBER 24, 1925.

208,702. CLEANSING CREAM. THE ARMAND COMPANY, Des Moines, Iowa.
Filed May 13, 1925. Serial No. 214,220. PUBLISHED NOVEMBER 17, 1925.

208,703. PREPARATION FOR THE PREVENTION OR REMOVAL OF SCALE FROM BOILERS AND FOR SIMILAR ANTICORROSIVE PURPOSES. ACTINIUM DEVELOPMENTS LIMITED, London, England.
Filed May 21, 1925. Serial No. 214,687. PUBLISHED NOVEMBER 17, 1925.

208,704. LINEN PIECE GOODS. ABOUCHAR & CO., New York, N. Y.
Filed May 25, 1925. Serial No. 214,836. PUBLISHED NOVEMBER 17, 1925.

208,705. FISH BAIT, WITH PARTICULAR REFERENCE TO SALMON PASTE PREPARED FROM SALMON EGGS. HICKSON-YOUNG COMPANY, Portland, Oreg.
Filed May 27, 1925. Serial No. 214,959. PUBLISHED NOVEMBER 24, 1925.

208,706. CANDY. WM. H. LUDEN INC., Reading, Pa.
Filed September 20, 1924. Serial No. 202,816. PUBLISHED NOVEMBER 24, 1925.

208,707. UMBRELLAS. LYNN UMBRELLA MFG., CO., Boston, Mass.
Filed September 24, 1924. Serial No. 202,908. PUBLISHED NOVEMBER 24, 1925.

208,708. FACE POWDERS, FACE CREAMS, PERFUMES, TOILET WATERS, HAIR TONICS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, TALCUM POWDERS, ROUGES, NAIL POLISHES, FACE PACKS, DEODORIZING PREPARATIONS, AND SACHET POWDERS. VICTOR VIVAUDOU, New York, N. Y.
Filed November 1, 1924. Serial No. 204,789. PUBLISHED NOVEMBER 17, 1925.

208,709. GLASS GLOBES AND REFLECTORS FOR ARTIFICIAL LIGHT. THE MILLER COMPANY, Meriden, Conn., and New York, N. Y.
Filed October 11, 1924. Serial No. 203,738. PUBLISHED NOVEMBER 17, 1925.

208,710. MALT BEVERAGES. LIEBMANN BREWERIES, INC., Brooklyn, N. Y.
Filed September 27, 1924. Serial No. 203,134. PUBLISHED NOVEMBER 24, 1925.

208,711. FABRIC GLOVES AND HOSIERY. COMET TEXTILE CO. INC., New York, N. Y.
Filed September 5, 1924. Serial No. 202,240. PUBLISHED NOVEMBER 18, 1924.

208,712. THE FOLLOWING TEXTILE PIECE GOODS OF COTTON AND ALSO OF A MIXTURE OF COTTON AND ARTIFICIAL SILK, NAMELY, DRAPERIES AND DRESS GOODS. THE WESTERLY TEXTILE COMPANY, Westerly, R. I.
Filed August 19, 1924. Serial No. 201,635. PUBLISHED NOVEMBER 10, 1925.

208,713. PIECE GOODS MADE OF WOOL, SILK, AND COTTON. HAAS BROTHERS FABRICS CORPORATION, New York, N. Y.
Filed September 21, 1925. Serial No. 220,527. PUBLISHED NOVEMBER 10, 1925.

208,714. PIECE GOODS MADE OF WOOL, SILK, AND COTTON. HAAS BROTHERS FABRICS CORPORATION, New York, N. Y.
Filed September 21, 1925. Serial No. 220,525. PUBLISHED NOVEMBER 10, 1925.

208,715. COUGH AND CROUP REMEDY. THE GLESSNER COMPANY, Findlay, Ohio.
Filed September 21, 1925. Serial No. 220,521. PUBLISHED NOVEMBER 17, 1925.

208,716. CORN MEAL, BUCKWHEAT FLOUR, PANCAKE FLOUR, BUCKWHEAT COMPOUND, GRAHAM FLOUR, AND WHEAT FLOUR AND SELF-RISING FLOUR. J. F. EESLEY MILLING CO., Plainwell, Mich.
Filed September 21, 1925. Serial No. 220,512. PUBLISHED NOVEMBER 17, 1925.

208,717. PERFUMES, TOILET WATER, FACE POWDER, TALCUM POWDER, DUSTING POWDER, LOTION FOR THE SKIN AND HAIR, EAU DE VEGETAL, BRILLIANTINE, BANDOLINE, FACE CREAMS, ROUGE, LIP STICKS, BATH SALTS, SACHET, AND COMPACTS. CHERAMY, INC., New York, N. Y.
Filed September 19, 1925. Serial No. 220,448. PUBLISHED NOVEMBER 17, 1925.

208,718. TABLE NAPKINS, TABLECLOTHS, SHEETS, AND PILLOWCASES. TOOTAL BROADHURST LEE COMPANY LIMITED, Manchester, England.
Filed September 18, 1925. Serial No. 220,431. PUBLISHED NOVEMBER 10, 1925.

208,719. HOUSEHOLD AND OTHER GLASSWARE AND WINDOW GLASS. J. E. MARSDEN GLASS WORKS, INC., Ambler, Pa.
Filed September 17, 1925. Serial No. 220,351. PUBLISHED NOVEMBER 10, 1925.

208,720. MEDICINE FOR TOBACCO HABIT AND CHRONIC CONSTIPATION. STERLING REMEDY COMPANY, Jersey City, N. J.
Filed September 16, 1925. Serial No. 220,327. PUBLISHED NOVEMBER 17, 1925.

208,721. LINIMENT. ANNIE M. LOSEE, Glens Falls, N. Y.
Filed September 15, 1925. Serial No. 220,290. PUBLISHED NOVEMBER 17, 1925.

208,722. DRY GOODS—NAMELY, SHEETINGS AND DRILLINGS. MANVILLE JENCKES COMPANY, Pawtucket, R. I.
Filed September 14, 1925. Serial No. 220,243. PUBLISHED NOVEMBER 10, 1925.

208,723. DRY GOODS—NAMELY, SHEETINGS AND DRILLINGS. MANVILLE JENCKES COMPANY, Pawtucket, R. I.
Filed September 14, 1925. Serial No. 220,242. PUBLISHED NOVEMBER 10, 1925.

208,724. CONCENTRATED ASH AND TANNERS' ALKALI FOR USE IN THE TEXTILE AND TANNING INDUSTRIES. THE J. B. FORD COMPANY, Wyandotte, Mich.
Filed September 14, 1925. Serial No. 220,224. PUBLISHED NOVEMBER 17, 1925.

208,725. REMEDY FOR BOILS. CARL B. KNUDSEN, doing business as American Casul Company, Philadelphia, Pa.
Filed September 12, 1925. Serial No. 220,192. PUBLISHED NOVEMBER 17, 1925.

208,726. PERFUMES, TOILET WATER, FACE AND TALCUM POWDERS, BATH SALTS, ROUGE, AND LIP STICKS. YERY, INC., New York, N. Y.
Filed September 11, 1925. Serial No. 220,160. PUBLISHED NOVEMBER 17, 1925.

208,727. PIPES, CIGAR AND CIGARETTE HOLDERS, AND HOOKAHS. REISS-PREMIER PIPE CO., New York, N. Y.
Filed September 11, 1925. Serial No. 220,141. PUBLISHED NOVEMBER 10, 1925.

208,728. FACE LOTION. SEBASTIAN B. WAGNER, Mackay, Idaho.
Filed September 10, 1925. Serial No. 220,098. PUBLISHED NOVEMBER 24, 1925.

208,729. PILE REMEDY IN LIQUID FORM PUT UP IN A BOTTLE TO BE USED EXTERNALLY OR TO BE INJECTED INTO THE RECTUM WITH A SYRINGE. THE ROBERTS REMEDIES COMPANY, Frankfort, Ind.
Filed September 10, 1925. Serial No. 220,088. PUBLISHED NOVEMBER 24, 1925.

208,730. PALLIATIVE FOR INTESTINAL ASTHMA, INDIGESTION, PAIN AND CRAMPS IN THE STOMACH AND OTHER INTERNAL (GASTRO-INTESTINAL) DISORDERS. GREGORY FIODOROWSKY, Roxbury, Mass.
Filed September 10, 1925. Serial No. 220,065. PUBLISHED NOVEMBER 24, 1925.

208,731. HAIR POMADE, FACE POWDER, FACE CREAM, AND TALCUM POWDER. LETHA B. TYNDALL, St. Louis, Mo.
Filed September 8, 1925. Serial No. 220,000. PUBLISHED NOVEMBER 17, 1925.

208,732. GOLF CLUBS. EMMET F. FRASER, Los Angeles, Calif.
Filed September 8, 1925. Serial No. 219,957. PUBLISHED NOVEMBER 24, 1925.

208,733. CERTAIN YARNS AND THREAD. ELLIOT, GREENE & CO., INC., New York, N. Y.
Filed October 19, 1925. Serial No. 221,953. PUBLISHED NOVEMBER 24, 1925.

208,734. CONCENTRATED EXTRACT FROM COD AND OTHER ANIMAL LIVERS IN SOLID FORM. ALFRED B. ADAMS, New York, N. Y.
Filed October 17, 1925. Serial No. 221,866. PUBLISHED NOVEMBER 24, 1925.

208,735. ALKALINE AND ANTISEPTIC MOUTH, NOSE, AND THROAT LOTION. PHAIRMOUNT LABORATORIES, Hackensack, N. J.
Filed October 16, 1925. Serial No. 221,849. PUBLISHED NOVEMBER 24, 1925.

208,736. SMOKING PIPES, CIGAR HOLDERS, AND CIGARETTE HOLDERS. L. & H. STERN, INC., Brooklyn, N. Y.
Filed October 15, 1925. Serial No. 221,787. PUBLISHED NOVEMBER 24, 1925.

208,737. PLATES, CUPS, PLATTERS, BOWLS; AND OTHER TABLEWARE POTTERY. THE SAXON CHINA COMPANY, Sebring, Ohio.
Filed October 15, 1925. Serial No. 221,777. PUBLISHED NOVEMBER 24, 1925.

208,738. INSECT POWDER AND LIQUID INSECTICIDE. GILPIN, LANGDON & COMPANY, INCORPORATED, Baltimore, Md.
Filed October 15, 1925. Serial No. 221,742. PUBLISHED NOVEMBER 24, 1925.

208,739. THREAD. THE UNION THREAD COMPANY, Cincinnati, Ohio.
Filed October 13, 1925. Serial No. 221,676. PUBLISHED NOVEMBER 17, 1925.

208,740. PREPARATION FOR USE IN TREATING OF THE SCALP AND IN THE TREATMENT OF ECZEMA, BARBER'S ITCH, TETTER, POISON IVY, AND OTHER SKIN TROUBLES. B. H. B. LABORATORIES, Lubbock, Tex.
Filed October 13, 1925. Serial No. 221,657. PUBLISHED NOVEMBER 17, 1925.

208,741. SHOW CASES. GRAND RAPIDS SHOW CASE COMPANY, Grand Rapids, Mich.
Filed October 12, 1925. Serial No. 221,607. PUBLISHED NOVEMBER 24, 1925.

208,742. OINTMENT FOR THE TREATMENT OF PILES. MRS. ERASTE CHAMPAGNE, Lafayette, La.
Filed October 12, 1925. Serial No. 221,597. PUBLISHED NOVEMBER 17, 1925.

208,743. MEDICINE FOR TUBERCULOSIS. THE QUERRIPIN CO., North Augusta, S. C.
Filed October 10, 1925. Serial No. 221,566. PUBLISHED NOVEMBER 17, 1925.

208,744. ESSENTIAL OILS SUITABLE FOR PERFUMERY PURPOSES. HEINE & Co., New York, N. Y.
Filed October 9, 1925. Serial No. 221,487. PUBLISHED NOVEMBER 17, 1925.

208,745. CANNED SALMON. MCGOVERN, & MCGOVERN, Seattle, Wash.
Filed October 8, 1925. Serial No. 221,425. PUBLISHED NOVEMBER 24, 1925.

208,746. BLEACHING WATER. CALIFORNIA BLEACHING WATER CO., San Francisco, Calif.
Filed October 8, 1925. Serial No. 221,406. PUBLISHED NOVEMBER 17, 1925.

208,747. COD-LIVER OIL. THE CHARLES W. WHITTLESEY CO., New Haven, Conn.
Filed October 7, 1925. Serial No. 221,399. PUBLISHED NOVEMBER 17, 1925.

208,748. CHISELS. THE WARREN TOOL AND FORGE CO., Warren, Ohio.
Filed October 7, 1925. Serial No. 221,396. PUBLISHED NOVEMBER 17, 1925.

208,749. MAULS. THE WARREN TOOL AND FORGE CO., Warren, Ohio.
Filed October 7, 1925. Serial No. 221,395. PUBLISHED NOVEMBER 17, 1925.

208,750. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, BATH SALTS, LOTION FOR THE SKIN AND HAIR, BRILLIANTINE, ROUGES, AND DENTIFRICES. JOSEPH H. QUINTERO, Paris, France.
Filed October 7, 1925. Serial No. 221,377. PUBLISHED NOVEMBER 17, 1925.

208,751. NAIL POLISH. J. PARKER PRAY, INC., New York, N. Y.
Filed October 7, 1925. Serial No. 221,376. PUBLISHED NOVEMBER 17, 1925.

208,752. PREPARATION FOR THE TREATMENT OF ECZEMA, VARICOSE VEINS, ULCERATED LEGS, AND SKIN TROUBLES. JAMES H. HALL, Chicago, Ill.
Filed October 1, 1925. Serial No. 221,057. PUBLISHED NOVEMBER 17, 1925.

208,753. MEDICINE OR PHARMACEUTICAL PREPARATION, NAMELY—AN EXTRACT CONTAINING THE ACTIVE PRINCIPLE OF THE PARATHYROID GLAND, ONE OF THE FUNCTIONS OF WHICH IS TO INCREASE THE CALCIUM CONTENTS OF THE BLOOD. ELI LILLY & COMPANY, Indianapolis, Ind.
Filed October 1, 1925. Serial No. 221,070. PUBLISHED NOVEMBER 17, 1925.

208,754. GLASS LAMP CHIMNEYS, GLASS REFLECTORS, AND GLASS LANTERN GLOBES. GILL BROTHERS COMPANY, Steubenville, Ohio.
Filed September 29, 1925. Serial No. 220,946. PUBLISHED NOVEMBER 10, 1925.

208,755. WOOLEN PIECE GOODS. THE BRADFORD DYERS' ASSOCIATION, LIMITED, Bradford, England.
Filed September 26, 1925. Serial No. 220,839. PUBLISHED NOVEMBER 10, 1925.

208,756. VALVES USED FOR CONTROLLING THE FLOW OF MATERIALS THROUGH CONDUITS. THE OHIO BRASS COMPANY, Mansfield, Ohio.
Filed September 25, 1925. Serial No. 220,793. PUBLISHED NOVEMBER 17, 1925.

208,757. CHILI SAUCE, WORCESTERSHIRE SAUCE, TOMATO CATCHUP, AND MAYONNAISE DRESSING. H. F. VOSS COMPANY, INC., Brooklyn, N. Y.
Filed September 24, 1925. Serial No. 220,748. PUBLISHED NOVEMBER 17, 1925.

208,758. RUGS MADE OF TEXTILE MATERIAL. HILLSIDE COTTON MILLS, Lagrange, Ga.
Filed September 24, 1925. Serial No. 220,717. PUBLISHED NOVEMBER 10, 1925.

208,759. RATION-BALANCING PREPARATION FOR LIVESTOCK FEED. DR. FENTON'S VIGOR-TONE CO. INC., Cedar Rapids, Iowa.
Filed September 24, 1925. Serial No. 220,712. PUBLISHED NOVEMBER 17, 1925.

208,760. CIGARS AND CIGARETTES. LOUIS MORGENSTERN, doing business as The Luzon Cigar Co. Inc., Schenectady, N. Y.
Filed September 23, 1925. Serial No. 220,665. PUBLISHED NOVEMBER 24, 1925.

208,761. CERTAIN LINENS. DANDA HALPERN CO. INC., New York, N. Y.
Filed September 23, 1925. Serial No. 220,646. PUBLISHED NOVEMBER 24, 1925.

208,762. PACKING CASES, SHIPPING CASES, SHOOKS, KNOCKDOWN BOXES, FURNITURE BOXES, AND BUTTER TUBS. ATLAS PLYWOOD CORPORATION, Boston, Mass.
Filed September 23, 1925. Serial No. 220,634. PUBLISHED NOVEMBER 24, 1925.

208,763. BUCKWHEAT AND WHEAT FLOUR, PANCAKE FLOUR, AND WHEAT FLOUR. LITTLE CROW MILLING COMPANY, Warsaw, Ind.
Filed September 21, 1925. Serial No. 220,548. PUBLISHED NOVEMBER 17, 1925.

208,764. PIECE GOODS MADE OF WOOL, SILK, AND COTTON. HAAS BROTHERS FABRICS CORPORATION, New York, N. Y.
Filed September 21, 1925. Serial No. 220,528. PUBLISHED NOVEMBER 10, 1925.

208,765. JACKETS, BOYS' BLOUSES, PLAY SUITS, BOYS' SHIRTS, PYJAMAS, FLANNEL SHIRTS, NIGHTSHIRTS, SPORT SHIRTS, DRESS SHIRTS, OVERALLS, OVERALL COATS, AND UNDERWEAR OF KNITTED AND TEXTILE FABRIC FOR MEN, WOMEN, AND CHILDREN. M. FINE & SONS, New York, N. Y.
Filed July 17, 1925. Serial No. 217,506. PUBLISHED NOVEMBER 3, 1925.

208,766. MATCHES. THE UNITED STATES MATCH CORPORATION, Chicago, Ill.
Filed November 7, 1924. Serial No. 204,982. PUBLISHED NOVEMBER 17, 1925.

208,767. SHENSI CHESTS AND LACQUERED CHAIRS AND TABLES FOR HOUSEHOLD USE. M. S. CROW, INC., Shanghai, China; Chicago, Ill.; and Santa Barbara, Calif.
Filed December 17, 1924. Serial No. 206,828. PUBLISHED NOVEMBER 10, 1925.

208,768. CHINESE DOMINOES, DICE, POKER CHIPS, BILLIARD TABLES, BUILDING BLOCKS, CARD GAMES, CHECKERS AND CHECKERBOARDS, PUZZLE GAMES, DOMINOES, LOTTOS, AND CHESS. JULIUS SCHMID, INC., New York, N. Y.
Filed December 12, 1924. Serial No. 206,639. PUBLISHED NOVEMBER 24, 1925.

208,769. EPSOM SALTS, CASTOR OIL, SPIRITS OF CAMPHOR, TINCTURE OF IODINE, TINCTURE OF OPIUM, QUININE, BORAX, SODIUM BICARBONATE, TINCTURE OF U. S. P. DOUBLE-STRENGTH GINGER, SENNA LEAVES, LICORICE, AND SULPHUR. SIMON ROSENTHAL, doing business as Wholesale Brokerage Co., New York, N. Y.
Filed December 9, 1924. Serial No. 206,495. PUBLISHED NOVEMBER 17, 1925.

208,770. SILK PIECE GOODS. J. N. ADAM & Co., Buffalo, N. Y.
Filed August 17, 1925. Serial No. 218,941. PUBLISHED NOVEMBER 17, 1925.

208,771. DEPILATORY. EUGENE H. FRANKEN, New York, N. Y.
Filed August 15, 1925. Serial No. 218,911. PUBLISHED NOVEMBER 24, 1925.

208,772. SWEATERS AND OVERBLOUSES. EMMA R. WALBRIDGE, Babylon, N. Y.
Filed August 14, 1925. Serial No. 218,885. PUBLISHED NOVEMBER 3, 1925.

208,773. SHAMPOOS. HISCOX CHEMICAL WORKS, Patchogue, N. Y.
Filed August 11, 1925. Serial No. 218,700. PUBLISHED NOVEMBER 24, 1925.

208,774. CANDY. THE SCHUSTER COMPANY, Cleveland, Ohio.
Filed August 7, 1925. Serial No. 218,526. PUBLISHED NOVEMBER 24, 1925.

208,775. BENCH AND SEAT CUSHIONS. O. SIMMS MANUFACTURING CO., New York, N. Y.
Filed July 31, 1925. Serial No. 218,216. PUBLISHED NOVEMBER 24, 1925.

208,776. DYES AND COLORS. FREDERICK MALCHOW, doing business as The Aljo Manufacturing Co., New York, N. Y.
Filed July 29, 1925. Serial No. 218,072. PUBLISHED NOVEMBER 17, 1925.

208,777. LINIMENT FOR THE TREATMENT OF RHEUMATISM. ALLEN AND LOWRY, Big Spring, Tex.
Filed July 29, 1925. Serial No. 218,036. PUBLISHED NOVEMBER 17, 1925.

208,778. GINGER ALE. THE MASSOLT BOTTLING CO., Minneapolis, Minn.
Filed July 27, 1925. Serial No. 217,940. PUBLISHED NOVEMBER 24, 1925.

208,779. WHISKY. HARRY BLUM, doing business as Philip Blum & Company, Chicago, Ill.
Filed July 27, 1925. Serial No. 217,917. PUBLISHED NOVEMBER 24, 1925.

208,780. SALVES USED IN ALL FORMS OF CONGESTION AND INFLAMMATION AFFECTING THE RESPIRATORY ORGANS AND FOR GENERAL HEALING PURPOSES. JAMES CARL BALLANTYNE, Lamoni, Iowa.
Filed July 27, 1925. Serial No. 217,916. PUBLISHED NOVEMBER 17, 1925.

208,781. LINOLEUMS. W. & J. SLOANE MANUFACTURING COMPANY, Trenton, N. J.
Filed July 24, 1925. Serial No. 217,837. PUBLISHED NOVEMBER 17, 1925.

208,782. CANDY AND CANDY BARS. THE CURTISS CANDY CO., Chicago, Ill.
Filed July 24, 1925. Serial No. 217,820. PUBLISHED NOVEMBER 24, 1925.

208,783. CLEANSING CREAM, FACE LOTION, ASTRINGENT CREAM, FACIAL PASTE, AND NUTRIENT CREAM. MRS. THEA GRAU, doing business as Mme. Thea, New York, N. Y.
Filed July 23, 1925. Serial No. 217,804 PUBLISHED NOVEMBER 17, 1925.

208,784. HEAVY WORK AND OUTING SHIRTS, COAT SHIRTS HAVING A KNITTED OR ELASTIC BOTTOM PORTION, AND SWEATER COATS. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo.
Filed July 20, 1925. Serial No. 217,634. PUBLISHED NOVEMBER 3, 1925.

208,785. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed July 20, 1925. Serial No. 217,609. PUBLISHED NOVEMBER 17, 1925.

208,786. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed July 20, 1925. Serial No. 217,608. PUBLISHED NOVEMBER 17, 1925.

208,787. MEDICINES MADE FROM BORIC ACID AND AN ORGANIC ACID, SUCH AS TARTARIC ACID, FOR EXAMPLE. WEISS & DOWNS, New York, N. Y.
Filed July 18, 1925. Serial No. 217,593. PUBLISHED NOVEMBER 17, 1925.

208,788. MEN'S AND YOUNG MEN'S CLOTHING—NAMELY, SUITS AND OVERCOATS. LEE J. MAY, Cairo, Ill.
Filed July 18, 1925. Serial No. 217,572. PUBLISHED OCTOBER 20, 1925.

208,789. MEN'S AND YOUNG MEN'S CLOTHING—NAMELY, SUITS AND OVERCOATS. LEE J. MAY, Cairo, Ill.
Filed July 18, 1925. Serial No. 217,571. PUBLISHED OCTOBER 20, 1925.

208,790. TOILET PREPARATION—NAMELY, FACE CREAM. THE MATH-OL INFLAMMACINE CO., INC., doing business as Oatex Laboratories, Rochester, N. Y.
Filed September 5, 1925. Serial No. 219,900. PUBLISHED NOVEMBER 24, 1925.

208,791. HAIR TONIC. VICTOR CHARLAND, Chippewa Falls, Wis.
Filed September 5, 1925. Serial No. 219,876. PUBLISHED NOVEMBER 24, 1925.

208,792. FACE POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, PERFUMES, HAIR TONICS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, TALCUM POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, BATH SALTS, SMELLING SALTS, SACHET, AND INCENSE. A. P. BABCOCK COMPANY, New York, N. Y.
Filed September 5, 1925. Serial No. 219,868. PUBLISHED NOVEMBER 17, 1925.

208,793. NONALCOHOLIC, MALTLESS BEVERAGES AND EXTRACTS AND FLAVORS FOR MAKING THE SAME. THEALL & PILE, INC., New York, N. Y.
Filed September 4, 1925. Serial No. 219,864. PUBLISHED NOVEMBER 24, 1925.

208,794. COMPOSITION FOR PRESERVING AND WATERPROOFING CANVAS AND COTTON DUCK GOODS AND SIMILAR FABRICS. THE SULLIVAN COMPANY, Memphis, Tenn.
Filed September 4, 1925. Serial No. 219,861. PUBLISHED NOVEMBER 24, 1925.

208,795. HAIR NETS. SOL H. RUBENSTEIN, doing business as Bar Merchandise Company, New York, N. Y.
Filed September 4, 1925. Serial No. 219,846. PUBLISHED NOVEMBER 10, 1925

208,796. LIQUID PREPARATION FOR IMPURE BLOOD, SCROFULA, OLD SORES, SKIN ERUPTIONS, IRRITATION OF THE SKIN, WEAK EYES CAUSED BY BAD BLOOD, LOSS OF APPETITE, NERVOUSNESS, SYPHILITIC, AND A LIQUID PREPARATION OR LINIMENT FOR RHEUMATISM, SPRAINS, LAME BACK, STIFF JOINTS, PAINS, HEADACHE, CRAMPS, AND PAINS IN THE STOMACH; GENERAL BLOOD REMEDY, AND A LIQUID PREPARATION FOR THE TREATMENT OF COUGHS AND COLD IN THE HEAD. WILLIAM A. BENSON, St. Louis, Mo.
Filed September 4, 1925. Serial No. 219,799. PUBLISHED NOVEMBER 17, 1925.

208,797. WORSTED AND WOOLEN DRESS GOODS MANUFACTURED IN THE PIECE. F. A. BOCHMANN & Co., INC., Philadelphia, Pa.
Filed September 2, 1925. Serial No. 219,660. PUBLISHED NOVEMBER 10, 1925.

208,798. TIRE-REPAIR KIT. JOHN H. SHERMAN, doing business as Sherman Manufacturing Company, Houston, Tex.
Filed September 1, 1925. Serial No. 219,647. PUBLISHED NOVEMBER 24, 1925.

208,799. MINERAL WATER. MIWOGCO MINERAL WELL & SANITARIUM CO., Milan, Ind.
Filed August 29, 1925. Serial No. 219,543. PUBLISHED NOVEMBER 24, 1925.

208,800. UNIVERSAL JOINTS AND PARTS THEREOF. THE UNIVERSAL PRODUCTS CO. INC., Detroit, Mich.
Filed August 28, 1925. Serial No. 219,506. PUBLISHED NOVEMBER 24, 1925.

208,801. SILK PIECE GOODS. GEORGE ABRASH, New York, N. Y.
Filed August 28, 1925. Serial No. 219,467. PUBLISHED NOVEMBER 17, 1925.

208,802. ELECTRICALLY-TREATED WATER. GUY ABRAM SHOOK, Waco, Tex.
Filed August 26, 1925. Serial No. 219,412. PUBLISHED NOVEMBER 24, 1925.

208,803. FURNITURE—NAMELY, LIVING-ROOM SUITES, CONSISTING OF UPHOLSTERED DAVENPORTS, UPHOLSTERED CHAIRS, AND UPHOLSTERED ROCKERS; AND BREAKFAST-ROOM SUITES, CONSISTING OF TABLES AND CHAIRS; AND MATTRESSES AND SPRINGS. OKLAHOMA FURNITURE MANUFACTURING CO., Oklahoma City, Okla.
Filed August 25, 1925. Serial No. 219,345. PUBLISHED NOVEMBER 10, 1925.

208,804. NAIL WHITE, NAIL CLEANER, HAIR RESTORER, AND FACIAL MAKE-UP CREAM. ROSLYN R. KINTZ, Terre Haute, Ind.
Filed August 24, 1925. Serial No. 219,286. PUBLISHED NOVEMBER 17, 1925.

208,805. PIECE GOODS MADE OF COTTON, SILK, WOOL, AND MIXTURES THEREOF. KUMMER, UPMANN & COMPANY, New York, N. Y.
Filed August 22, 1925. Serial No. 219,248. PUBLISHED NOVEMBER 17, 1925.

208,806. TABLE MEAL, CHOICE GRITS, AND HOMINY FEED. BONBY & HARPER MILLING COMPANY, INC., Wilmington, N. C.
Filed August 22, 1925. Serial No. 219,220. PUBLISHED NOVEMBER 17, 1925.

208,807. REMEDY FOR THE TREATMENT OF THE DISEASES OF POULTRY. BERTHA MARGARET BEATTY, doing business as Big "6" Poultry Supply, Warren, Ohio.
Filed August 20, 1925. Serial No. 219,107. PUBLISHED NOVEMBER 17, 1925.

208,808. BASEBALL BATS. THOS. E. WILSON & Co., Chicago, Ill.
Filed August 19, 1925. Serial No. 219,097. PUBLISHED NOVEMBER 24, 1925.

208,809. PIECE GOODS MADE OF COTTON, SILK, AND WOOL. HAAS BROTHERS FABRICS CORPORATION, New York, N. Y.
Filed October 5, 1925. Serial No. 221,253. PUBLISHED NOVEMBER 10, 1925.

208,810. OIL USED IN THE TREATMENT OF WOOLEN FABRICS. TIDE WATER OIL COMPANY, Bayonne, N. J., and New York, N. Y.
Filed October 3, 1925. Serial No. 221,218. PUBLISHED NOVEMBER 17, 1925.

208,811. SILK PIECE GOODS. STEHLI SILKS CORPORATION, New York, N. Y.
Filed October 3, 1925. Serial No. 221,215. PUBLISHED NOVEMBER 10, 1925.

208,812. CANNED SALMON. ELMER W. SMITH, INC., Seattle, Wash.
Filed October 3, 1925. Serial No. 221,211. PUBLISHED NOVEMBER 24, 1925.

208,813. HYPNOTIC. E. R. SQUIBB & SONS, New York, N. Y.
Filed October 3, 1925. Serial No. 221,210. PUBLISHED NOVEMBER 17, 1925.

208,814. COTTON PIECE GOODS. SAYLES FINISHING PLANTS INC., Saylesville, R. I.
Filed October 3, 1925. Serial No. 221,208. PUBLISHED NOVEMBER 10, 1925.

208,815. TOILET POWDER. ORMONT DRUG & CHEMICAL CO., INC., Long Island City, N. Y.
Filed October 3, 1925. Serial No. 221,201. PUBLISHED NOVEMBER 17, 1925.

208,816. CIGARETTE PAPER. JEAN FAURANT, Paris, France.
Filed October 7, 1925. Serial No. 221,359. PUBLISHED NOVEMBER 17, 1925.

208,817. PERFUMES. SOLON PALMER, New York, N. Y.
Filed October 6, 1925. Serial No. 221,383. PUBLISHED NOVEMBER 17, 1925.

208,818. DIETETIC PREPARATION FOR DIABETIC PATIENTS. H. A. METZ LABORATORIES, INC., New York, N. Y.
Filed October 6, 1925. Serial No. 221,327. PUBLISHED NOVEMBER 17, 1925.

208,819. FACE POWDERS, FACE CREAMS, TALCUM POWDERS, FACE PACKS, TOILET WATERS, ROUGES, PERFUMES, HAIR TONICS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, BATH SALTS, SMELLING SALTS, SACHETS, AND BLUING TABLETS. JAMES T. S. HOFFNER, doing business as O-Che-Co Chemical Co., Glenside, Pa.
Filed October 6, 1925. Serial No. 221,319. PUBLISHED NOVEMBER 17, 1925.

208,820. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed October 6, 1925. Serial No. 221,311. PUBLISHED NOVEMBER 24, 1925.

208,821. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed October 6, 1925. Serial No. 221,309. PUBLISHED NOVEMBER 24, 1925.

208,822. COFFEE. MAURY-COLE COMPANY, Memphis, Tenn.
Filed October 5, 1925. Serial No. 221,266. PUBLISHED NOVEMBER 24, 1925.

208,823. PREPARATION FOR THE BLOOD. HIDALGO MEDICINE COMPANY, INC., Los Angeles, Calif.
Filed October 5, 1925. Serial No. 221,258. PUBLISHED NOVEMBER 17, 1925.

208,824. PORTABLE SAVINGS BANKS. THE AMERICAN ART WORKS, INCORPORATED, Coshocton, Ohio.
Filed August 28, 1925. Serial No. 219,469. PUBLISHED NOVEMBER 24, 1925.

208,825. HAND RECEPTACLES. CLOVER LEATHER GOODS CO., INC., New York, N. Y.
Filed August 25, 1925. Serial No. 219,825. PUBLISHED NOVEMBER 17, 1925.

208,826. MALT EXTRACT. BOSCH FOOD PRODUCTS CO., Peoria, Ill.
Filed August 22, 1925. Serial No. 219,221. PUBLISHED NOVEMBER 24, 1925.

208,827. ASEPTIC NASAL EMOLLIENT. H. K. MULFORD COMPANY, Philadelphia, Pa.
Filed October 3, 1925. Serial No. 221,189. PUBLISHED NOVEMBER 17, 1925.

208,828. POISON FOR THE POTATO BUG, COTTON WORM, AND CANKER WORM AND INSECTICIDES AND FUNGICIDES GENERALLY. HEMINGWAY & COMPANY, INC., Boundbrook, N. J.
Filed October 3, 1925. Serial No. 221,178. PUBLISHED NOVEMBER 17, 1925.

208,829. FRESH CITROUS FRUITS — NAMELY, GRAPEFRUIT, SATSUMAS, TANGERINES, ORANGES, AND LEMONS. TEXAS CITRUS FRUIT GROWERS EXCHANGE, Mission, Tex.
Filed October 2, 1925. Serial No. 221,147. PUBLISHED NOVEMBER 24, 1925.

208,830. TOBACCO CASES OR POUCHES. SMOKERS PRODUCTS, INC., Newark, N. J.
Filed October 2, 1925. Serial No. 221,140. PUBLISHED NOVEMBER 10, 1925.

208,831. FACE POWDERS, FACE CREAMS, PERFUMES, TOILET WATERS, ROUGES, HAIR TONICS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, AND SACHET POWDERS. JEAN MARTINAT, doing business as Les Parfumes des Courtisanes, New York, N. Y.
Filed October 2, 1925. Serial No. 221,127. PUBLISHED NOVEMBER 17, 1925.

208,832. ANTISEPTIC DENTIFRICE. ORMONT DRUG & CHEMICAL CO., INC., Long Island City, N. Y.
Filed October 3, 1925. Serial No. 221,199. PUBLISHED NOVEMBER 17, 1925.

208,833. CANDY. THE OHIO CONFECTION CO., Cleveland, Ohio.
Filed October 3, 1925. Serial No. 221,198. PUBLISHED NOVEMBER 24, 1925.

208,834. ANTISPASMODIC AND NERVE SEDATIVE. H. K. MULFORD COMPANY, Philadelphia, Pa.
Filed October 3, 1925. Serial No. 221,192. PUBLISHED NOVEMBER 17, 1925.

208,835. AROMATIC MILK OF MAGNESIA—MULFORD. H. K. MULFORD COMPANY, Philadelphia, Pa.
Filed October 3, 1925. Serial No. 221,190. PUBLISHED NOVEMBER 17, 1925.

208,836. BLEACHED WOVEN COTTON CLOTH COMMONLY CALLED BLEACHED DOMESTICS. M. HALFF & BRO., San Antonio, Tex.
Filed October 2, 1925. Serial No. 221,116. PUBLISHED NOVEMBER 10, 1925.

208,837. WOOLEN PIECE GOODS. WINDSOR MANUFACTURING CO., Philadelphia, Pa.
Filed October 1, 1925. Serial No. 221,082. PUBLISHED NOVEMBER 24, 1925.

208,838. INSECTICIDES. CHARLES H. FIDLER, Kankakee, Ill.
Filed October 7, 1925. Serial No. 221,360. PUBLISHED NOVEMBER 17, 1925.

208,839. FACE POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, PERFUMES, HAIR TONICS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, TALCUM POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, BATH SALTS, SMELLING SALTS, SACHETS, AND INCENSE. A. P. BABCOCK COMPANY, New York, N. Y.
Filed October 17, 1925. Serial No. 221,872. PUBLISHED NOVEMBER 24, 1925.

208,840. EAR BALSAM. AURINE REMEDY CO., Chicago, Ill.
Filed October 17, 1925. Serial No. 221,869. PUBLISHED NOVEMBER 24, 1925.

208,841. OPEN-HEARTH, CRUCIBLE, AND ELECTRIC STEEL PLATES, SHEETS, AND BARS. COLONIAL STEEL COMPANY, Pittsburgh, Pa.
Filed October 14, 1925. Serial No. 221,694. PUBLISHED NOVEMBER 24, 1925.

208,842. BREAD. CONTINENTAL BAKING COMPANY, Wilmington, Del., and Norristown, Pa.
Filed October 5, 1925. Serial No. 221,240. PUBLISHED NOVEMBER 24, 1925.

208,843. FINGER RINGS, BROOCHES, BRACELETS, AND PENDANTS. GEORGE W. STEWARD CO., INC., New York, N. Y.
Filed August, 31, 1925. Serial No. 219,610. PUBLISHED NOVEMBER 3, 1925.

208,844. LOUD SPEAKERS FOR RADIO APPARATUS. AMERICAN BOSCH MAGNETO CORPORATION, Springfield, Mass.
Filed August 31, 1925. Serial No. 219,568. PUBLISHED OCTOBER 20, 1925.

208,845. SILVER-PLATED FLATWARE, TABLEWARE, CUTLERY, AND HOLLOW WARE. ONEIDA COMMUNITY LIMITED, Oneida, N. Y.
Filed August 29, 1925. Serial No. 219,550. PUBLISHED NOVEMBER 10, 1925.

208,846. ELECTRICAL FITTINGS DESIGNED FOR MAKING CONNECTIONS BETWEEN WIRES AND PIPES. GROUNDULET COMPANY, Newark, N. J.
Filed August 28, 1925. Serial No. 219,482. PUBLISHED OCTOBER 20, 1925.

208,847. WEDDING RINGS. J. B. BOWDEN & Co., New York, N. Y.
Filed August 26, 1925. Serial No. 219,372. PUBLISHED OCTOBER 13, 1925.

208,848. ELECTRICAL INSULATORS, INSULATOR FITTINGS, AND INSULATOR PINS. THE R. THOMAS & SONS CO., East Liverpool, Ohio.
Filed August 20, 1925. Serial No. 219,155. PUBLISHED OCTOBER 20, 1925.

208,849. UKULELES, BANJO UKULELES, TENOR BANJOS, BANJO MANDOLINS, LUTE MANDOLINS, AND MANDOLINS. MANHATTAN BAND INSTRUMENT CO. INC., New York, N. Y.
Filed August 18, 1925. Serial No. 219,037. PUBLISHED OCTOBER 20, 1925.

208,850. BATTERY ELIMINATORS. THE COOPER CORPORATION, Cincinnati, Ohio.
Filed August 13, 1925. Serial No. 218,797. PUBLISHED OCTOBER 20, 1925.

208,851. SWEET-CREAM CHEESE. GOULD CHEESE COMPANY, Minneapolis, Minn.
Filed August 12, 1925. Serial No. 218,754. PUBLISHED NOVEMBER 24, 1925.

208,852. LEAD WIRES FOR ELECTRICAL CONNECTIONS TO MERCURY-TUBE SWITCHES. THE FEDERAL GAUGE CO., Chicago, Ill.
Filed August 14, 1925. Serial No. 218,692. PUBLISHED NOVEMBER 10, 1925.

208,853. ELECTRICAL STORAGE BATTERIES AND SPARK PLUGS. CERTAIN-TEED PRODUCTS CORPORATION, New York, N. Y.
Filed August 6, 1925. Serial No. 218,469. PUBLISHED OCTOBER 13, 1925.

208,854. RADIO RECEIVING SETS. D. X. INSTRUMENT COMPANY, Harrisburg, Pa.
Filed August 7, 1925. Serial No. 218,454. PUBLISHED OCTOBER 13, 1925.

208,855. ELECTRICAL DIRECTION SIGNAL LAMPS AND SWITCHES THEREFOR FOR VEHICLES. PIERRE PAUL BASTERREIX, Butte, Mont.
Filed August 7, 1925. Serial No. 218,444. PUBLISHED OCTOBER 20, 1925.

208,856. BREASTPINS, BROOCHES, BRACELETS, AND BARRETTES WHICH ARE MADE OF OR PLATED WITH PRECIOUS METALS. WACHENHEIMER BROS., INC., Providence, R. I.
Filed August 5, 1925. Serial No. 218,440. PUBLISHED NOVEMBER 3, 1925.

208,857. DAIRY FEED. AMERICAN MILLING COMPANY, Peoria, Ill.
Filed July 31, 1925. Serial No. 218,151. PUBLISHED NOVEMBER 24, 1925.

208,858. CANDY. AMERICAN CARAMEL COMPANY, York, Pa.
Filed September 8, 1925. Serial No. 219,929. PUBLISHED NOVEMBER 24, 1925.

208,859. MOVING PICTURES. ALEXANDER J. JENSEN, Los Angeles, Calif.
Filed September 9, 1925. Serial No. 220,026. PUBLISHED NOVEMBER 24, 1925.

208,860. FRESH VEGETABLES—NAMELY, GREEN ONIONS AND GREEN ONIONS FOR PLANTING PURPOSES. HERBERT CRAWFORD PITTMAN, Cotulla, Tex.
Filed September 5, 1925. Serial No. 219,908. PUBLISHED NOVEMBER 24, 1925.

208,861. PLAIN WHEAT FLOUR AND SELF-RISING FLOUR. MODEL MILL COMPANY, Johnson City, Tenn.
Filed September 5, 1925. Serial No. 219,902. PUBLISHED NOVEMBER 24, 1925.

208,862. EVAPORATED FRUIT—NAMELY, PEACHES; CANNED FISH—NAMELY, SALMON; CANNED VEGETABLES—NAMELY, CORN; CANNED FRUIT—NAMELY, PEARS. H. WEDEKIND & CO., INC., Lousiville, Ky.
Filed September 3, 1925. Serial No. 219,792. PUBLISHED NOVEMBER 17, 1925.

208,863. IRON SHEETS AND PLATES. WHEELING STEEL CORPORATION, Wheeling, W. Va.
Filed September 1, 1925. Serial No. 219,650. PUBLISHED NOVEMBER 24, 1925.

208,864. STEEL SHEETS AND PLATES. WHEELING STEEL CORPORATION, Wheeling, W. Va.
Filed September 1, 1925. Serial No. 219,649. PUBLISHED NOVEMBER 24, 1925.

208,865. CUFF BUTTONS, CUFF LINKS, BUCKLES, KEY RINGS, CHAIN FASTENERS, LEATHER GOODS FASTENERS, GLOVE FASTENERS, SNAP FASTENERS, SPRING RINGS, TIE CLASPS, LAPEL BUTTONS, BROOCHES, AND CHAIN BARS, ALL OF WHICH ARE MADE OF OR PLATED WITH PRECIOUS METALS; CHAINS FOR PERSONAL ADORNMENT, BRACELETS, CHARMS, FOBS, PENDANTS, AND FINGER RINGS. B. A. BALLOU & CO., INC., Providence, R. I.
Filed August 29, 1925. Serial No. 219,520. PUBLISHED OCTOBER 13, 1925.

208,866. AGRICULTURAL GYPSUM. CENTERVILLE GYPSUM COMPANY, Centerville, Iowa.
Filed September 11, 1925. Serial No. 220,110. PUBLISHED NOVEMBER 24, 1925.

208,867. MEN'S SUITS. GATELY CLOTHING COMPANY, Chicago, Ill.
Filed September 10, 1925. Serial No. 220,067. PUBLISHED NOVEMBER 10, 1925.

208,868. INSECTICIDES FOR DOGS AND CATS. CLAXTON CHEMICAL COMPANY, Pittsburgh, Pa.
Filed September 10, 1925. Serial No. 220,062. PUBLISHED NOVEMBER 24, 1925.

208,869. POULTRY FEED. THE LARROWE MILLING COMPANY, Detroit, Mich.
Filed September 12, 1925. Serial No. 220,196. PUBLISHED NOVEMBER 24, 1925.

208,870. POULTRY FEED. THE LARROWE MILLING COMPANY, Detroit, Mich.
Filed September 12, 1925. Serial No. 220,195. PUBLISHED NOVEMBER 24, 1925.

208,871. MEN'S, WOMEN'S, AND CHILDREN'S HOSIERY. L & B HOSIERY CO., INC., New York, N. Y.
Filed September 11, 1925. Serial No. 220,130. PUBLISHED NOVEMBER 3, 1925.

208,872. MEDICINAL PREPARATION USED AS A MOUTH WASH AND GARGLE, ALSO FOR THE TREATMENT OF PYORRHEA. HOLLANDER BROS. DRUG CO., Braddock, Pa.
Filed October 19, 1925. Serial No. 221,967. PUBLISHED NOVEMBER 24, 1925.

208,873. AMMONIA AND BLUING. AMERICAN STORES COMPANY, Philadelphia, Pa.
Filed September 26, 1925. Serial No. 220,823. PUBLISHED NOVEMBER 24, 1925.

208,874. WHEAT FLOUR. WASHBURN CROSBY COMPANY, Minneapolis, Minn.
Filed September 25, 1925. Serial No. 220,813. PUBLISHED NOVEMBER 24, 1925.

208,875. NEAR BEER. JACOB RUPPERT, INC., New York, N. Y.
Filed September 24, 1925. Serial No. 220,740. PUBLISHED NOVEMBER 24, 1925.

208,876. COMBINATION COMB AND HAIRBRUSH MADE AS A UNIT. SKOGLUND & OLSON MFG. CO., St. Paul, Minn.
Filed September 22, 1925. Serial No. 220,623. PUBLISHED NOVEMBER 24, 1925.

208,877. WHEAT FLOUR. THE LOUDONVILLE MILLING COMPANY, Loudonville, Ohio.
Filed September 19, 1925. Serial No. 220,459. PUBLISHED NOVEMBER 24, 1925.

208,878. DENTAL EQUIPMENT. ELECTRO DENTAL MANUFACTURING CO., Philadelphia, Pa.
Filed September 14, 1925. Serial No. 220,220. PUBLISHED NOVEMBER 24, 1925.

208,879. FACE POWDER. THE ARMAND COMPANY, Des Moines, Iowa.
Filed October 10, 1925. Serial No. 221,528. PUBLISHED NOVEMBER 24, 1925.

208,880. HAIR TONIC AND SHAMPOO PREPARATIONS. THE COMFORT POWDER CO., Boston, Mass.
Filed October 12, 1925. Serial No. 221,598. PUBLISHED NOVEMBER 24, 1925.

208,881. PHARMACEUTICAL PREPARATION USED AS A SHAMPOO FOR THE SCALP. B. METZGER, doing business as Portland Hair Co., Portland, Oreg.
Filed October 13, 1925. Serial No. 221,666. PUBLISHED NOVEMBER 24, 1925.

208,882. SELECTIVE COLLOIDAL KAOLIN FOR MEDICINAL PURPOSES—NAMELY, INDIGESTION, CONSTIPATION, PILES, COLITIS, GASTRIC AND DUODENAL ULCER, CHRONIC APPENDICITIS, PYORRHEA, RHEUMATISM, NEURITIS, RHEUMATOID ARTHRITIS, AND ALL FORMS OF INTESTINAL STASIS, AND TROUBLES AND AILMENTS CAUSED BY AUTO-INTOXICATION; ALSO FOR EXTERNAL USE AS DUSTING POWDERS, DRY DRESSING FOR WOUNDS, AND DENTIFRICES. WALTER WILLIAM PLOWMAN, London, England.
Filed October 16, 1925. Serial No. 221,850. PUBLISHED NOVEMBER 24, 1925.

208,883. CHEMICAL PRODUCTS FOR INDUSTRIAL, SCIENTIFIC, AND PHOTOGRAPHIC PURPOSES. MEYERHOFER & SCHARPF AKTIENGESELLSCHAFT, Zurich, Switzerland.
Filed October 13, 1925. Serial No. 221,667. PUBLISHED NOVEMBER 24, 1925.

208,884. CLEANSING CREAM, FACE CREAM, VANISHING CREAM, FRECKLE CREAM, CREAM USED FOR SOFTENING AND BEAUTIFYING THE SKIN, FACE POWDER, CREAM USED FOR ELIMINATING BODY ODORS, ROUGE, NAIL PASTE, CUTICLE REMOVER, BEAUTY CLAY, LIP STICK, PEROXIDE CREAM, HAND LOTION, SCALP MASSAGE SALVE, NAIL POLISH, HAIR TONIC, AND SHAMPOO. CHICAGO MAIL ORDER COMPANY, Chicago, Ill.
Filed October 17, 1925. Serial No. 221,877. PUBLISHED NOVEMBER 24, 1925.

208,885. COUGH MEDICINE. DAVIES, ROSE & CO., LTD., Boston, Mass.
Filed October 17, 1925. Serial No. 221,882. PUBLISHED NOVEMBER 24, 1925.

208,886. RECTIFIER TUBES. AMERICAN APPLIANCE CO., Cambridge, Mass.
Filed August 20, 1925. Serial No. 219,101. PUBLISHED OCTOBER 20, 1925.

208,887. STERILIZING SOLUTION FOR LOCAL ANÆTHESIA AND SURGICAL PURPOSES. ERICH SCHULZE, Hannover, Germany.
Filed August 3, 1925. Serial No. 218,337. PUBLISHED NOVEMBER 24, 1925.

208,888. MUSIC ROLLS AND COMBINATION MUSIC AND WORD ROLLS FOR USE ON PLAYER PIANOS. INTERNATIONAL PLAYER ROLL COMPANY, INC., Brooklyn, N. Y.
Filed August 3, 1925. Serial No. 218,308. PUBLISHED OCTOBER 13, 1925.

208,889. STEEL CASTINGS. OKLAHOMA STEEL CASTINGS CO., Tulsa, Okla.
Filed June 26, 1925. Serial No. 216,472. PUBLISHED NOVEMBER 24, 1925.

208,890. LIQUID AND TABLET TREATMENT FOR POULTRY DISEASES, AND ALSO FOR TREATMENT OF SORENESS OF THE HUMAN THROAT, ALSO FOR THE TREATMENT OF EXCESSIVE PERSPIRATION OF THE HUMAN FEET. GEORGE J. HOMAN, doing business as Waterloo Chemical Laboratories, Waterloo, Iowa.
Filed June 25, 1925. Serial No. 216,392. PUBLISHED NOVEMBER 24, 1925.

208,891. CANNED VEGETABLES. HOWARD E. JONES & Co., Baltimore, Md.
Filed May 19, 1925. Serial No. 214,552. PUBLISHED NOVEMBER 17, 1925.

208,892. WHEAT FLOUR. AMENDT MILLING CO., Monroe, Mich.
Filed May 11, 1925. Serial No. 214,112. PUBLISHED NOVEMBER 24, 1925.

208,893. ALLOY FOR MAKING MODELS AND FILLING OF TEETH. CRESCENT DENTAL MFG. CO., Chicago, Ill.
Filed April 27, 1925. Serial No. 213,367. PUBLISHED NOVEMBER 24, 1925.

208,894. FRESH GRAPES. W. G. MICKE, Lodi, Calif.
Filed January 17, 1925. Serial No. 208,250. PUBLISHED NOVEMBER 17, 1925.

208,895. TEXAS VEGETABLE—NAMELY, FRESH TEXAS SPINACH. THE C. D. JARRATT COMPANY, San Antonio, Tex.
Filed December 22, 1924. Serial No. 207,080. PUBLISHED NOVEMBER 24, 1925.

208,896. SILK, COTTON, AND SILK AND COTTON MIXTURE PIECE GOODS. FRIED, MENDELSON & COMPANY, New York, N. Y.
Filed November 6, 1924. Serial No. 204,899. PUBLISHED NOVEMBER 17, 1925.

208,897. FRESH GRAPES. CALIFORNIA LAND & PRODUCTS CORP., Oakland, Calif.
Filed September 27, 1924. Serial No. 203,110. PUBLISHED NOVEMBER 24, 1925.

208,898. GRINDING OR CUTTING POINTS OR WHEELS SUCH AS ARE USED BY DENTISTS. CHAYES SYSTEM LABORATORIES, INC., New York, N. Y.
Filed September 22, 1924. Serial No. 202,858. PUBLISHED NOVEMBER 24, 1925.

208,899. GRINDING OR CUTTING POINTS SUCH AS ARE USED BY DENTISTS. CHAYES SYSTEM LABORATORIES, INC., New York, N. Y.
Filed September 22, 1924. Serial No. 202,857. PUBLISHED NOVEMBER 24, 1925.

208,900. GRINDING OR CUTTING POINTS OR WHEELS SUCH AS ARE USED BY DENTISTS. CHAYES SYSTEM LABORATORIES, INC., New York, N. Y.
Filed September 22, 1924. Serial No. 202,855. PUBLISHED NOVEMBER 24, 1925.

208,901. PORTABLE ELECTRIC-LIGHTING FIXTURES, ELECTRIC DESK LAMPS, ELECTRIC DRESSER LAMPS, ELECTRIC BOUDOIR LAMPS, ELECTRIC TABLE LAMPS, AND ELECTRIC FLOOR LAMPS. H. G. MCFADDIN & CO., New York, N. Y.
Filed August 30, 1924. Serial No. 202,069. PUBLISHED NOVEMBER 3, 1925.

208,902. STRINGS FOR VIOLINS, MANDOLINS, GUITARS, BANJOS, UKULELES, AND SIMILAR MUSICAL INSTRUMENTS. WAVERLY MUSICAL PRODUCTS CO., INC., New York, N. Y.
Filed August 6, 1924. Serial No. 201,062. PUBLISHED OCTOBER 13, 1925.

208,903. WOMEN'S AND CHILDREN'S DRESSES, WOMEN'S SLIP-OVERS AND BLOOMERS; WOMEN'S, MEN'S, AND CHILDREN'S KNITTED AND TEXTILE UNDERWEAR; LADIES' GOWNS AND PYJAMAS. OSCAR HOROWITZ, doing business as Commercial Shirt Co., New York, N. Y.
Filed March 1, 1924. Serial No. 193,111. PUBLISHED OCTOBER 6, 1925.

208,904. UNITARY AUTOMOTIVE VEHICLE ELECTRIC SYSTEMS FOR GENERATING AND DISTRIBUTING ELECTRICITY AND THEIR PARTS. THE PIERCE-ARROW MOTOR CAR COMPANY, Buffalo, N. Y.
Filed April 25, 1923. Serial No. 179,681. PUBLISHED OCTOBER 13, 1925.

208,905. CERTAIN EYE-EXAMINING INSTRUMENTS. DE ZENG STANDARD CO., Camden, N. J.
Filed December 21, 1922. Serial No. 173,627. PUBLISHED NOVEMBER 24, 1925.

208,906. WATCHES, WATCHCASES, AND WATCH MOVEMENTS. MAX KLASS, New York, N. Y.
Filed July 29, 1925. Serial No. 218,063. PUBLISHED NOVEMBER 3, 1925.

208,907. WATCHES, WATCHCASES, AND WATCH MOVEMENTS. MAX KLASS, New York, N. Y.
Filed July 29, 1925. Serial No. 218,062. PUBLISHED NOVEMBER 3, 1925.

208,908. MOUTH HARMONICAS AND ACCORDIONS. M. HOHNER, INC., New York, N. Y.
Filed July 24, 1925. Serial No. 217,829. PUBLISHED NOVEMBER 3, 1925.

208,909. SUPPORTING STRAP FOR SAXOPHONES. N. B. BAILEY, San Francisco, Calif.
Filed July 13, 1925. Serial No. 217,244. PUBLISHED OCTOBER 13, 1925.

208,910. CLOCK CASES AND WATCHCASES. BAKELITE CORPORATION, New York, N. Y.
Filed July 3, 1925. Serial No. 216,817. PUBLISHED NOVEMBER 3, 1925.

208,911. PICK FOR STRINGED MUSICAL INSTRUMENTS. THE BACON BANJO CO., INC., Groton, Conn.
Filed June 23, 1925. Serial No. 216,252. PUBLISHED NOVEMBER 3, 1925.

208,912. ELECTRICAL RELAY SWITCHES, ELECTRICAL POURING LADLES, AND ELECTRICAL HEATING APPARATUS—NAMELY, ELECTRICALLY-HEATED POTS FOR MELTING OR HEATING ANY DESIRED SUBSTANCE. JOHN STRUTHERS DUNN, Philadelphia, Pa.
Filed June 5, 1925. Serial No. 215,387. PUBLISHED OCTOBER 13, 1925.

208,913. ELECTRICAL RELAY SWITCHES, ELECTRICAL POURING LADLES, AND ELECTRICAL HEATING APPARATUS—NAMELY, ELECTRICALLY-HEATED POTS FOR MELTING OR HEATING ANY DESIRED SUBSTANCE. JOHN STRUTHERS DUNN, Philadelphia, Pa.
Filed May 28, 1925. Serial No. 215,003. PUBLISHED OCTOBER 13, 1925.

208,914. FINGER RINGS, ORNAMENTAL PINS, AND BROOCHES MADE OF OR PLATED WITH PRECIOUS METAL. C. G. KING & COMPANY, INC., Providence, R. I.
Filed May 19, 1925. Serial No. 214,553. PUBLISHED OCTOBER 13, 1925.

208,915. NASAL WIND MUSICAL INSTRUMENT. JAMES J. STIVERS, doing business as Humanatone Company, New York, N. Y.
Filed May 13, 1925. Serial No. 214,288. PUBLISHED NOVEMBER 3, 1925.

208,916. PHONOGRAPHS. ZENITH RADIO CORPORATION, Chicago, Ill.
Filed May 4, 1925. Serial No. 213,822. PUBLISHED NOVEMBER 3, 1925.

208,917. TALKING MACHINES AND PARTS THEREOF, PHONOGRAPHS AND PARTS THEREOF, NEEDLES FOR TALKING MACHINES, DISKS, RECORDS, PAPER ENVELOPES AND ALBUMS FOR RECORDS, AND SOUND BOXES AND DICTATING MACHINES AND PARTS THEREOF. CARL LINDSTRÖM AKTIENGESELLSCHAFT, Berlin, Germany.
Filed April 8, 1925. Serial No. 212,390. PUBLISHED OCTOBER 13, 1925.

208,918. PHONOGRAPHS. MAY WATERSON, doing business as The Favorite Phonograph Manufacturing Company, New York, N. Y.
Filed March 5, 1925. Serial No. 210,594. PUBLISHED NOVEMBER 3, 1925.

208,919. WRITING INKS. VON RUPS INK COMPANY, New Haven, Conn.
Filed February 6, 1925. Serial No. 209,184. PUBLISHED NOVEMBER 3, 1925.

208,920. UKULELES AND SIMILAR MUSICAL INSTRUMENTS KNOWN AS BANJO UKES. ARTHUR E. DAVIDSON, Chicago, Ill.
Filed January 23, 1925. Serial No. 208,512. PUBLISHED NOVEMBER 3, 1925.

208,921. UKULELES, BANJO UKULELES, AND MOUTH HARMONICAS. PROGRESSIVE MUSICAL INSTRUMENT CORPORATION, New York, N. Y.
Filed December 31, 1924. Serial No. 207,519. PUBLISHED NOVEMBER 3, 1925.

208,922. RADIO EQUIPMENT COMPRISING RECEIVING SETS AND PARTS THEREOF. ELECTRAD, INC., New York, N. Y.
Filed December 5, 1924. Serial No. 206,286. PUBLISHED OCTOBER 13, 1925.

208,923. VARIABLE-RESISTANCE UNITS FOR CONTROLLING ELECTRIC CIRCUITS. ELECTRAD, INC., New York, N. Y.
Filed December 5, 1924. Serial No. 206,284. PUBLISHED NOVEMBER 3, 1925.

208,924. BISCUITS. JOHNSON EDUCATOR FOOD COMPANY, Cambridge, Mass.
Filed September 24, 1924. Serial No. 202,993. PUBLISHED NOVEMBER 24, 1925.

208,925. COMPLETE RADIO RECEIVING SETS AND PARTS THEREOF—NAMELY, TUNED RADIO-FREQUENCY UNITS, RADIOFREQUENCY AMPLIFYING UNITS, AND THERMIONIC DETECTING UNITS. PEOPLE'S OUTFITTING CO., Detroit, Mich.
Filed July 28, 1924. Serial No. 200,689. PUBLISHED JANUARY 6, 1925.

208,926. WHEAT FLOUR. THE KANSAS FLOUR MILLS COMPANY, Wichita, Kans.
Filed September 28, 1925. Serial No. 220,901. PUBLISHED NOVEMBER 24, 1925.

208,927. MOTION-PICTURE FILMS. FILM BOOKING OFFICES OF AMERICA, INC., New York, N. Y.
Filed September 28, 1925. Serial No. 220,892. PUBLISHED NOVEMBER 24, 1925.

208,928. POULTRY FEED. THE PARK & POLLARD COMPANY, Boston, Mass.
Filed September 26, 1925. Serial No. 220,862. PUBLISHED NOVEMBER 24, 1925.

208,929. WHISKY. KENTUCKY DISTILLERIES & WAREHOUSE CO., New York, N. Y.
Filed September 26, 1925. Serial No. 220,855. PUBLISHED NOVEMBER 24, 1925.

208,930. LIQUID MASSAGE PREPARATION. GEORGE M. MULLIN, doing business as Mullin Laboratories, San Francisco, Calif.
Filed September 29, 1925. Serial No. 220,969. PUBLISHED NOVEMBER 24, 1925.

208,931. OINTMENT FOR USE IN THE TREATMENT OF TENDER, SCALDED, AND PERSPIRING FEET; INFLAMMATIONS, FEVER BLISTERS, CHAPPED HANDS, TETTER, SORENESS OF GUMS, PILES, SKIN ERUPTIONS, PYORRHEA, AND ENLARGED LIPS, AND AS A FACE MASSAGE. O. TEMPLE, Dyersburg, Tenn.
Filed September 29, 1925. Serial No. 220,980. PUBLISHED NOVEMBER 24, 1925.

208,932. GRAVIMETRIC TESTING APPARATUS AND PARTS THEREOF. GEORGE R. DELAMATER, Cleveland, Ohio.
Filed October 1, 1925. Serial No. 221,051. PUBLISHED NOVEMBER 24, 1925.

208,933. VAGINAL AND RECTAL IRRIGATING APPARATUS. CLINICAL SUPPLIES, INCORPORATED, Pittsburgh, Pa.
Filed October 2, 1925. Serial No. 221,093. PUBLISHED NOVEMBER 24, 1925.

208,934. CANDY. MOUNT JOY CHOCOLATE & CONFECTIONERY CO., Mount Joy, Pa.
Filed October 6, 1925. Serial No. 221,329. PUBLISHED NOVEMBER 24, 1925.

208,935. FRESH GRAPES. STARRY & WAY, Exeter, Calif.
Filed October 7, 1925. Serial No. 221,889. PUBLISHED NOVEMBER 24, 1925.

208,936. TOOL STEEL. HORACE T. POTTS & CO., Philadelphia, Pa.
Filed October 9, 1925. Serial No. 221,506. PUBLISHED NOVEMBER 24, 1925.

208,937. MALT EXTRACTS. PROVIDENCE MALT CO., Providence, R. I.
Filed October 9, 1925. Serial No. 221,510. PUBLISHED NOVEMBER 24, 1925.

208,938. CLOTHING—NAMELY, COATS, VESTS, TROUSERS, KNICKERBOCKERS, AND OVERCOATS FOR MEN; OVERCOATS, KNICKERBOCKERS, AND JACKETS FOR WOMEN; COATS, VESTS, PANTS, KNICKERBOCKERS, AND OVERCOATS FOR YOUTHS AND CHILDREN. ALFRED DECKER & COHN, INC., Chicago, Ill.
Filed April 20, 1925. Serial No. 213,010. PUBLICATION WAIVED.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

208,939. (CLASS 45. BEVERAGES, NONALCOHOLIC.) DYSCO CHEMICAL COMPANY INC., Union City, N. J.
Filed Nov. 18, 1925. Serial No. 223,465.

MA-NAV-SHA SHU-RU-BE

Particular description of goods.—Nonalcoholic, Malt-less Extract for Making Soft Drinks.
Claims use since April, 1920.

208,940. (CLASS 45. BEVERAGES, NONALCOHOLIC.) DYSCO CHEMICAL COMPANY INC., Union City, N. J.
Filed Nov. 18, 1925. Serial No. 223,464.

SHA-RA-BA-HA-REAR

Particular description of goods.—Nonalcoholic, Malt-less Extract for Making Soft Drinks.
Claims use since April, 1919.

208,941. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF. HANS RENOLD LIMITED, Didsbury, near Manchester, England.
Filed Apr. 1, 1925. Serial No. 212,042.

RENOLD

Particular description of goods.—Guide Bars and Sprockets Used in Connection with Mortise Chains, and Sprocket Wheels Used in Connection with Driving Chains.
Claims use since 1903.

208,942. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HANS RENOLD LIMITED, Didsbury, near Manchester, England.
Filed Apr. 1, 1925. Serial No. 212,041.

RENOLD

Particular description of goods.—Driving Chains and Mortise Chains.
Claims use since 1903.

208,943. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ANN FOX CORPORATION, New York, N. Y., assignor to Loft, Incorporated, New York, N. Y.
Filed Jan. 24, 1925. Serial No. 208,548.

Ann Fox

Particular description of goods.—Candy.
Claims use since Dec. 10, 1924.

208,944. (CLASS 39. CLOTHING.) NORTH BROS. & CO., Baltimore, Md.
Filed Jan. 14, 1925. Serial No. 208,107.

NORTH AMERICAN

BROADCLOTH

The trade-mark consists of the words "North American Broadcloth," exclusive use of the word "Broadcloth" being disclaimed apart from the other features of the mark as shown.
Particular description of goods.—Men's and Boys' Dress and Negligee Shirts.
Claims use since October, 1924.

208,945. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE JOSEPH M. STERN CO., Cleveland, Ohio.
Filed Jan. 2, 1925. Serial No. 207,599.

FOREVERGREEN

Particular description of goods.—Decorative Material Made of Woven Goods and Loose Fibers Secured Together and Treated to Resemble Grass and Articles Made Therefrom, Particularly Grave Linings, Border Mats for Graves, and Earth Mats or Carpets.
Claims use since Oct. 1, 1923.

208,946. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) FIDELITY TIRE & RUBBER COMPANY, Massillon, Ohio.
Filed Dec. 1, 1924. Serial No. 206,066.

DUNHILL

Particular description of goods.—Automobile Tires.
Claims use since July 15, 1924.

208,947. (CLASS 39. CLOTHING.) HARRY W. GOLDMAN, doing business as The Harry W. Goldman Co., Baltimore, Md.
Filed Nov. 19, 1924. Serial No. 205,524.

Shedrayn

Particular description of goods.—Ladies', Children's, and Misses' Dresses, Overskirts, Waists, Middy Blouses, and Sport Coats.
Claims use since about Feb. 4, 1924.

208,948. (CLASS 16. PAINT AND PAINTERS' MATERIALS.) THE UNITED OIL & NATURAL GAS PRODUCTS CORPORATION, Monroe, La. Filed Oct. 22, 1924. Serial No. 204,288.

AS BLACK AS THE ACE OF SPADES

Particular description of goods.—Carbon Black.
Claims use since Oct. 9, 1924.

208,949. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) DELTOX GRASS RUG COMPANY, Oshkosh, Wis. Filed Nov. 19, 1923. Serial No. 188,536.

ALGOMA

Particular description of goods.—Wool-Fiber Rugs.
Claims use since Jan. 14, 1921.

208,950. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) PROGRESSIVE WEAVING CO., Camden, N. J. Filed Oct. 22, 1925. Serial No. 222,138.

BLACK SEAMED EDGE

Particular description of goods.—Laundry Nets.
Claims use since about May 18, 1922.

208,951. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FRANKLIN L. FAUSCH, Evansville, Ind. Filed Oct. 20, 1925. Serial No. 222,021.

The Franklin Console

Particular description of goods.—Radio Receiving Sets of the Console Type and Parts Thereof.
Claims use since June 13, 1922.

208,952. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) PAUL M. MARKO, doing business as Marko Storage Battery Co., Brooklyn, N. Y. Filed Oct. 14, 1925. Serial No. 221,708.

MARKO

Particular description of goods.—Storage Batteries.
Claims use since 1907 applied to storage batteries; also starting, lighting, and ignition batteries since 1907; since 1923 to radio A and B batteries.

208,953. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANCO-ITALIAN PACKING CO., INC., East San Pedro, Calif. Filed Oct. 2, 1925. Serial No. 221,109.

SPEZIA

Particular description of goods.—Canned Fish.
Claims use since July 1, 1923.

208,954. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANCO-ITALIAN PACKING CO., INC., East San Pedro, Calif. Filed Oct. 2, 1925. Serial No. 221,107.

VENEZIA

Particular description of goods.—Canned Fish.
Claims use since July 1, 1923.

208,955. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) NEWBERY ELECTRIC CORPORATION, Los Angeles, Calif. Filed Aug. 17, 1925. Serial No. 218,993.

NEWBERY

Particular description of goods.—Electric Irons, Electric Fans, Electric Toasters, Electric Percolators, and Electric Waffle Irons.
Claims use since June 27, 1924.

208,956. (CLASS 39. CLOTHING.) J. & S. MILBERG, New York, N. Y. Filed June 11, 1925. Serial No. 215,644.

Good Wear

Particular description of goods.—Ladies' and Misses' Gowns, Bloomers, Step-Ins, Chemises, Princess Slips, and Pantalets.
Claims use since about 1922.

208,957. (CLASS 21. ELECTRICAL APPARATUS, MACHINES AND SUPPLIES.) MONITOR CONTROLLER COMPANY, Baltimore, Md. Filed May 27, 1925. Serial No. 214,068.

EDGEWOUND

Particular description of goods.—Rheostats.
Claims use since October, 1924.

208,958. (CLASS 45. BEVERAGES, NONALCOHOLIC.) BOSTON & LOWELL BOTTLING CO., Boston, Mass. Filed Mar. 24, 1925. Serial No. 211,561.

UNITED STATES
DRY PALE
Ginger Ale

No claim is made to the words "Dry Pale Ginger Ale" apart from the mark shown in the drawing.
Particular description of goods.—Ginger Ale.
Claims use since December, 1924.

208,959. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ELECTRICAL RESEARCH LABORATORIES, INC., Chicago, Ill. Filed Mar. 2, 1925. Serial No. 210,374.

VOLTA

Particular description of goods.—Radio Receiving Sets, Loud Speakers and Units, Transformers, Tuning Units, Plugs, Variable Condensers, Jacks, Dials, and Sockets.
Claims use since Dec. 13, 1924.

208,960. (CLASS 37. PAPER AND STATIONERY.) OSBORN PAPER COMPANY, Marion, Ind. Filed Feb. 3, 1925. Serial No. 209,055.

Osborn's
APPROVED METHOD



Particular description of goods.—Writing Paper and Writing Tablets.
Claims use since Dec. 20, 1924.

208,961. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) HOWLAND & DEWEY COMPANY, Los Angeles, Calif. Filed Jan. 31, 1925. Serial No. 208,910.

TRAYKOTE

Particular description of goods.—Ready-Mixed Paints.
Claims use since Dec. 15, 1924.

208,962. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FRANK E. BECKA, doing business as Need-L-Light Company, Cleveland, Ohio. Filed Jan. 28, 1925. Serial No. 208,741.

Need-L-Light

Particular description of goods.—Sewing-Machine Lamps.
Claims use since about Nov. 1, 1924.

208,963. (CLASS 39. CLOTHING.) TICHNER BROS. New York, N. Y. Filed Jan. 6, 1925. Serial No. 207,763.

BURTON

Particular description of goods.—Hosiery.
Claims use since Oct. 2, 1924.

208,964. (CLASS 37. PAPER AND STATIONERY.) J. HOWARD BERRY & SONS, Philadelphia, Pa. Filed Dec. 26, 1924. Serial No. 207,224.

Radio-Log
Diary

Particular description of goods.—Radio Diaries Published Periodically.
Claims use since Nov. 17, 1924.

208,965. (CLASS 37. PAPER AND STATIONERY.) AMERICAN LACE PAPER CO., Milwaukee, Wis. Filed Oct. 3, 1924. Serial No. 203,362.

American LOCK-LOCK NAPKINS

The words "Napkins" and "Trade Mark" are disclaimed apart from the mark as shown.
Particular description of goods.—Paper Napkins.
Claims use since March, 1923.

208,966. (CLASS 27. HOROLOGICAL INSTRUMENTS.) JOSEPH GOTTLIEB, New York, N. Y. Filed Sept. 29, 1924. Serial No. 203,174.

SEELAND WATCH CO.

Particular description of goods.—Watches, Watch Movements, and Parts Thereof.
Claims use since about Sept. 1, 1922.

208,967. (CLASS 27. HOROLOGICAL INSTRUMENTS.) JOSEPH GOTTLIEB, New York, N. Y. Filed Sept. 29, 1924. Serial No. 203,173.

STANDISH

Particular description of goods.—Watches, Watch Movements, and Parts Thereof.
Claims use since about July 1, 1924.

208,968. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) COOPER HEWITT ELECTRIC COMPANY, Hoboken, N. J. Filed July 25, 1924. Serial No. 200,479.

WORK-LIGHT

Particular description of goods.—Mercury-Vapor Lamps for Illumination, Raying, Industrial, Photochemical, and Photographic Purposes.
Claims use since July 1, 1924.

208,969. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) JOSÉ CORET, Habana, Cuba. Filed Sept. 14, 1923. Serial No. 185,781.

RENOVADOR CORET



Particular description of goods.—A Preparation for Cleaning Straw Hats.
Claims use since about July, 1923.

208,970. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GILLETT CANNING COMPANY, Gillett, Wis. Filed Nov. 30, 1925. Serial No. 224,011.

Gillett

Particular description of goods.—Canned Peas, Beans, and Beets.
Claims use since May 15, 1911.

208,971. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE GRIPNSTIK COMPANY, Dover, Ohio. Filed Nov. 21, 1925. Serial No. 223,639.

OUT GRIPS
A PLYER
OUT STICKS
A WRENCH

Particular description of goods.—Pliers and Wrenches.
Claims use since Sept. 22, 1924.

208,972. (CLASS 27. HOROLOGICAL INSTRUMENTS.) A. WITTNAUER CO., New York, N. Y. Filed Nov. 3, 1925. Serial No. 222,771.

BRIGHTON

Particular description of goods.—Watches.
Claims use since 1905.

208,973. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) SAMUEL S. SPRING, doing business as Radio-Electric Mfg. Co., Newark, N. J. Filed Oct. 27, 1925. Serial No. 222,411.

RADIO-ELECTRIC MFG. CO.

Particular description of goods.—Insulated and Uninsulated Wire for Electrical Purposes.
Claims use for not less than one year.

208,974. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) GOODRICH ELECTRIC COMPANY, Chicago, Ill. Filed Oct. 26, 1925. Serial No. 222,321.

GOODLITES

Particular description of goods.—Electric-Lighting Fixtures.
Claims use for not less than one year.

208,975. (CLASS 37. PAPER AND STATIONERY.) THE PECK ENGRAVING COMPANY, Cleveland, Ohio. Filed Dec. 8, 1925. Serial No. 224,419.

DOVER BOND

Particular description of goods.—Writing Paper.
Claims use since May 1, 1924.

208,976. (CLASS 38. PRINTS AND PUBLICATIONS.) THE JACOBS REALTY CO., Clarksburg, W. Va., and Zanesville, Ohio. Filed Nov. 27, 1925. Serial No. 223,919.

HOME OWNER BOND

The right to the exclusive use of the word "Bond" apart from the remainder of the mark is hereby disclaimed.
Particular description of goods.—Real-Estate Bonds.
Claims use since July 1, 1924.

208,977. (CLASS 39. CLOTHING.) GREENBAUM BROS. INC., Chicago, Ill. Filed Nov. 23, 1925. Serial No. 223,711.

THE NOGLOSS
Silk Stripe Serge

Particular description of goods.—Men's and Young Men's Finished Suits.
Claims use since Nov. 16, 1923.

208,978. (CLASS 39. CLOTHING.) GUIRY, New York, N. Y. Filed Oct. 22, 1925. Serial No. 222,118.

Guiry

Particular description of goods.—Women's Dresses, Coats, and Hats.
Claims use since early in 1905.

208,979. (CLASS 37. PAPER AND STATIONERY.) STRATHMORE PAPER COMPANY, Mittineague, Mass. Filed Aug. 31, 1925. Serial No. 219,613.

BANNOCKBURN

Particular description of goods.—Cover Paper.
Claims use since Mar. 21, 1914.

208,980. (CLASS 39. CLOTHING.) HACKMEIER & GERINGER, INC., New York, N. Y. Filed July 1, 1925. Serial No. 216,721.

Virginia DRESSES
566 SEVENTH AVE.,
NEW YORK
HACKMEIER & GERINGER INC.

Particular description of goods.—Ladies' Dresses, Particularly Dresses of Silk and Woolen Fabrics Made Up for Street and Afternoon Wear.
Claims use since Sept. 12, 1924.

208,981. (CLASS 38. PRINTS AND PUBLICATIONS.) JOHN DE GRAZIA, doing business as Library of Classic Thought, Chicago, Ill. Filed June 2, 1925. Serial No. 215,200.

Motto'tte

Particular description of goods.—Framed Mottoes.
Claims use since Jan. 2, 1925.

208,982. (CLASS 37. PAPER AND STATIONERY.) NEW JERSEY COATED PAPER CO., Montclair, N. J. Filed Apr. 27, 1925. Serial No. 213,395.

MONTCLAIR

Particular description of goods.—Surface-Coated Printing, Writing, Wrapping, Book, and Cover Paper.
Claims use since Jan. 1, 1925.

208,983. (CLASS 39. CLOTHING.) CLUETT, PEABODY & CO. INC., Troy, N. Y. Filed Jan. 20, 1925. Serial No. 208,329.

ADEN

Particular description of goods.—Dress and Negligee Shirts.
Claims use since Dec. 27, 1924.

208,984. (CLASS 39. CLOTHING.) MORRIS L. COOPER, New York, N. Y. Filed Nov. 24, 1925. Serial No. 223,768.

STOUT WOMEN
Large or small we fit them all

Cooper's
107 W. 125TH STREET NEW YORK

Particular description of goods.—Ladies' Dresses, Skirts, and Coats.
Claims use since October, 1924.

208,985. (CLASS 45. BEVERAGES, NONALCOHOLIC.) DYSCO CHEMICAL COMPANY INC., Union City, N. J. Filed Nov. 18, 1925. Serial No. 223,466.

BE-YAN SHAR-BA-TE

Particular description of goods.—Nonalcoholic, Maltless Extract for Making Soft Drinks.
Claims use since May, 1923.

TRADE-MARK REGISTRATIONS RENEWED

27,691. BEER. Registered January 28, 1896. JACKSON KOEHLER. Renewed January 28, 1926, to The Erie Brewing Company, Erie, Pa., a Corporation of Pennsylvania, successor.

46,226. PREPARATIONS FOR DISEASES OF THE DIGESTIVE ORGANS. Registered September 12, 1905. THE FITCHMUL COMPANY. Renewed September 12, 1925, to A. Perley Fitch Company, Concord, N. H., a Corporation of New Hampshire, successor.

47,939. A REMEDY FOR CERTAIN NAMED DISEASES. Registered November 28, 1905. THE ANTIKAMNIA CHEMICAL COMPANY. Renewed November 28, 1925, to The Antikamnia Remedy Company, St. Louis, Mo., a Corporation of Missouri, assignee.

47,988. LAGER BEER. Registered December 5, 1905. THE CHRISTIAN MOERLEIN BREWING CO., Cincinnati, Ohio, a Corporation of Ohio. Renewed December 5, 1925.

48,029. STRINGS FOR PIANOFORTES. Registered December 5, 1905. RUDOLPH C. KOCH, New York, N. Y. Renewed December 5, 1925.

48,062. MEDICINAL TABLETS. Registered December 5, 1905. THE ANTIKAMNIA CHEMICAL COMPANY. Renewed December 5, 1925, to The Antikamnia Remedy Company, St. Louis, Mo., a Corporation of Missouri, assignee.

48,063. MEDICINAL TABLETS. Registered December 5, 1905. THE ANTIKAMNIA CHEMICAL COMPANY. Renewed December 5, 1925, to The Antikamnia Remedy Company, St. Louis, Mo., a Corporation of Missouri, assignee.

48,064. MEDICINAL TABLETS. Registered December 5, 1905. THE ANTIKAMNIA REMEDY COMPANY. Renewed December 5, 1925, to The Antikamnia Remedy Company, St. Louis, Mo., a Corporation of Missouri, assignee.

48,190. MEDICINAL TABLETS. Registered December 12, 1905. THE ANTIKAMNIA CHEMICAL COMPANY. Renewed December 12, 1925, to The Antikamnia Remedy Company, St. Louis, Mo., a Corporation of Missouri, assignee.

48,190. MFDICINAL TABLETS. Registered December 12, 1905. THE ANTIKAMNIA CHEMICAL COMPANY. Renewed December 12, 1925, to The Antikamnia Remedy Company, St. Louis, Mo., a Corporation of Missouri, assignee.

48,191. MEDICINAL TABLETS. Registered December 12, 1905. THE ANTIKAMNIA CHEMICAL COMPANY. Renewed December 12, 1925, to The Antikamnia Remedy Company, St. Louis, Mo., a Corporation of Missouri, assignee.

48,240. CIGARETTES. Registered December 19, 1905. CARRERAS & MARCIANUS CIGARETTES, LIMITED. Renewed December 19, 1925, to Carreras, Limited, London, England, a Corporation of Great Britain, assignee.

48,462. WHEAT FLOUR. Registered January 2, 1906. THE NORTHWESTERN CONSOLIDATED MILLING COMPANY, Minneapolis, Minn. Renewed January 2, 1926, to The Northwestern Consolidated Milling Company, New York, N. Y., a Corporation of Minnesota.

48,463. WHEAT FLOUR. Registered January 2, 1906. THE NORTHWESTERN CONSOLIDATED MILLING COMPANY, Minneapolis, Minn. Renewed January 2, 1926, to The Northwestern Consolidated Milling Company, New York, N. Y., a Corporation of Minnesota.

48,464. WHEAT FLOUR. Registered January 2, 1906. THE NORTHWESTERN CONSOLIDATED MILLING COMPANY, Minneapolis, Minn. Renewed January 2, 1926, to The Northwestern Consolidated Milling Company, New York, N. Y., a Corporation of Minnesota.

48,539. MEDICATED LOZENGES. Registered January 2, 1906. JOHN I. BROWN & SON, Boston, Mass. Renewed January 2, 1926, to Arthur R. Robertson, trustee, doing business as John I. Brown & Son, Cambridge and Boston, Mass., successor.

48,654. CERTAIN NAMED PAPER. Registered January 9, 1906. DENNISON & SONS, New York, N. Y. Renewed January 9, 1926, to Dennison & Sons, Inc., Long Island City, N. Y., a Corporation of New York, successor.

48,673. CIGARS. Registered January 9, 1906. JOSEPH WEINREICH. Renewed January 9, 1926, to David J. Weinreich, doing business as Joseph Weinreich, Dayton, Ohio, assignee.

48,678. MEDICATED LOZENGES. Registered January 9, 1906. JOHN I. BROWN & SON, Boston, Mass. Renewed January 9, 1926, to Arthur R. Robertson, trustee, doing business as John I. Brown & Son, Cambridge and Boston, Mass., successor.

48,714. TWINE AND BINDER TWINE. Registered January 9, 1906. PLYMOUTH CORDAGE COMPANY, Plymouth, Mass., a Corporation of Massachusetts. Renewed January 9, 1926.

48,756. DIPROPYL-BARBITURIC ACID. Registered January 9, 1906. E. MERCK, Darmstadt, Germany. Renewed January 9, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

48,779. PREPARATIONS FOR CLEANING AND POLISHING. Registered January 16, 1906. FRITZ SCHULZ JUN. AKTIENGESELLSCHAFT, Leipzig, Germany, and Lincoln, N. J. Renewed January 16, 1926, to Fritz Schulz Jun. Aktiengesellschaft, Leipzig, Germany, a Corporation of Germany.

48,934. VACUUM TUBES, X-RAY TUBES, AND PARTS THEREOF. Registered January 16, 1906. C. H. F. MULLER, Hamburg, Germany. Renewed January 16, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

49,027. ALARM CLOCKS. Registered January 23, 1906. ALBERT C. BECKEN, Chicago, Ill. Renewed January 23, 1926, to William L. Gilbert Clock Company, Winsted, Conn., a Corporation of Connecticut, assignee.

49,079. BURIAL CASKETS AND CASKET ATTACHMENTS. Registered January 23, 1906. NATIONAL CASKET CO., Allegheny, Pa. Renewed January 23, 1926, to National Casket Company, Incorporated, Oneida, N. Y., a Corporation of New York, successor.

49,160. A SOLUBLE THIOSINAMINE COMPOUND FOR MEDICINAL USE. Registered January 23, 1906. E. MERCK, Darmstadt, Germany. Renewed January 23, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

49,359. SELF-RISING OR PANCAKE FLOUR. Registered January 30, 1906. THE TOPEKA MILLING COMPANY, Topeka, Kans. Renewed January 30, 1926, to Aunt Jemima Mills Company, St. Joseph Mo., a Corporation of Delaware, assignee, by mesne assignments.

49,361. SEWING MACHINES AND PARTS THEREOF. Registered January 30, 1906. UNION SPECIAL MACHINE COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed January 30, 1926.

49,397. HOSE SUPPORTERS. Registered February 6, 1906. THE WARNER BROS. Co. Renewed February 6, 1926, to The Warner Brothers Company, Bridgeport, Conn., a Corporation of Connecticut.

49,472. FILES AND RASPS. Registered February 6, 1906. G. & H. BARNETT COMPANY, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed February 6, 1926.

49,480. LEATHER BOOTS, SHOES, AND SLIPPERS AND UPPER AND SOLE LEATHER. Registered February 6, 1906. PACKARD & FIELD. Renewed February 6, 1926, to Field and Flint Co., Brockton, Mass., a Corporation of Massachusetts, assignee by mesne assignments.

49,512. A CHEMICAL FINISHING COMPOUND. Registered February 6, 1906. RÖSS BRANNBRIM, Pfersee-Augsburg, Bavaria, Germany. Renewed February 6, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

49,583. WIRE NAILS. Registered February 13, 1906. CHARLES F. BAKER & Co. Renewed February 13, 1926, to Charles F. Baker & Co. Inc., Boston, Mass., a Corporation of Massachusetts, successor.

49,617. GUN AND PISTOL CARTRIDGES AND PARTS THEREOF. Registered February 13, 1906. THE UNION METALLIC CARTRIDGE COMPANY, Bridgeport, Conn. Renewed February 13, 1926, to Remington Arms Company, Inc., Ilion and New York, N. Y. and Bridgeport, Conn., a Corporation of Delaware, assignee.

49,619. GUN AND PISTOL CARTRIDGES AND PARTS THEREOF. Registered February 13, 1906. THE UNION METALLIC CARTRIDGE COMPANY, Bridgeport, Conn. Renewed February 13, 1926, to Remington Arms Company, Inc., Bridgeport, Conn., and Ilion and New York, N. Y., a Corporation of Delaware, assignee.

49,666. FILES AND RASPS. Registered February 13, 1906. NICHOLSON FILE COMPANY, Providence, R. I., a Corporation of Rhode Island. Renewed February 13, 1926.

49,695. SHARPENING STONES. Registered February 13, 1906. THE PIKE MANUFACTURING COMPANY, Pike, Littleton, and Lisbon, N. H.; Hot Springs, Ark.; Orleans, Ind.; Evansville, Vt.; and New York, N. Y. Renewed February 13, 1926, to The Pike Manufacturing Company, Pike, N. H., a Corporation of New Hampshire.

49,923. WHEAT FLOUR. Registered February 20, 1906. THREEFOOT BROS. & Co., Meridian, Miss. Renewed February 20, 1926.

50,063. CORSETS. Registered February 27, 1906. THE WARNER BROS. Co. Renewed February 27, 1926, to The Warner Brothers Company, Bridgeport, Conn., a Corporation of Connecticut.

50,146. OVERALLS. Registered March 6, 1906. H. W. CARTER & SONS, Lebanon, N. H. Renewed March 6, 1926.

50,411. POTTERY, EARTHENWARE, AND CHINA. Registered March 13, 1906. DOULTON & Co. LIMITED, Lambeth, London, England, a Corporation of Great Britain. Renewed March 13, 1926.

50,547. TENNIS SHOES. Registered March 20, 1906. HOOD RUBBER CO., Boston, Mass. Renewed March 20, 1926, to Hood Rubber Company, Watertown, Mass., a Corporation of Massachusetts.

50,629. SUSPENSORY BANDAGES AND JOCK STRAPS. Registered March 27, 1906. THE S. H. WETMORE COMPANY, New York, N. Y., a Corporation of New York. Renewed March 27, 1926.

50,795. MEDICINES FOR THE REGULATION OF THE LIVER AND PURIFICATION OF THE BLOOD. Registered March 27, 1906. THE A. H. LEWIS MEDICINE COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed March 27, 1926.

50,858. COAL. Registered April 3, 1906. MERCHANTS COAL COMPANY, Baltimore, Md. Renewed April 3, 1926, to Orenda Smokeless Coal Company, Boswell, Pa., a Corporation of Pennsylvania, assignee.

50,872. TRIMMINGS FOR FREIGHT-CAR DOORS. Registered April 3, 1906. CAMEL COMPANY. Renewed April 3, 1926, to Camel Company, Chicago, Ill., a Corporation of Illinois, assignee by mesne assignments.

50,896. FREIGHT-CAR DOOR HANGERS, FASTENERS, AND GUIDE BRACKETS. Registered April 3, 1906. CAMEL COMPANY. Renewed April 3, 1926, to Camel Company, Chicago, Ill., a Corporation of Illinois, assignee by mesne assignments.

50,992. GINGHAMS. Registered April 3, 1906. SMITH, HOGG & Co., New York, N. Y. Renewed April 3, 1926.

51,135. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered April 3, 1906. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,136. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered April 3, 1906. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,137. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered April 3, 1906. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,138. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered April 3, 1906. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,139. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered April 3, 1906. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,140. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered April 3, 1906. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,141. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered April 3, 1906. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,142. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered April 3, 1906. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,143. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered April 3, 1906. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,144. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered April 3, 1906. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,145. WRITING PAPER. Registered April 3, 1906. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,190. PIANOS. Registered April 10, 1906. LYON & HEALY. Renewed April 10, 1926, to Lyon & Healy, Inc., Chicago, Ill., a Corporation of Illinois, assignee.

51,275. HATS AND CAPS. Registered April 10, 1906. FRANK SCHOBLE & Co. Renewed April 10, 1926, to Frank Schoble & Co., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

51,407. CARBON PAINTS. Registered April 17, 1906. THE PATTERSON SARGENT CO. Renewed April 17, 1926, to The Patterson-Sargent Company, Cleveland, Ohio, a Corporation of Ohio.

51,444. BISCUITS AND CAKES. Registered April 17, 1906. HUNTLEY & PALMERS, LTD., Reading, England, a Corporation of Great Britain. Renewed April 17, 1926.

51,500. A SPECIFIC FOR NEURALGIA AND RHEUMATISM. Registered April 17, 1906. MELLIER DRUG COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed April 17, 1926.

51,535. HOSIERY. Registered April 17, 1906. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed April 17, 1926.

51,556. BELT COUPLINGS. Registered April 17, 1906. GREENE, TWEED & Co., New York, N. Y., a Corporation of New York. Renewed April 17, 1926.

51,581. PERFUMED SOAP. Registered April 17, 1906. EUGENE RIMMEL LIMITED, London, England, a Corporation of Great Britain. Renewed April 17, 1926.

51,596. HOSIERY. Registered April 17, 1906. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed April 17, 1926.

51,597. HOSIERY. Registered April 17, 1906. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed April 17, 1926.

51,613. FACE POWDER. Registered April 17, 1906. FERDINAND T. HOPKINS. Renewed April 17, 1926, to Ferd. T. Hopkins, doing business as Ferd. T. Hopkins & Son, New York, N. Y., assignee.

51,638. PERFUMERY. Registered April 17, 1906. EUGENE RIMMEL LIMITED, London, England, a Corporation of Great Britain. Renewed April 17, 1926.

51,906. RUGS, ART SQUARES, AND MATTINGS. Registered April 24, 1906. OSHKOSH GRASS MATTING Co. Renewed April 24, 1926, to Deltox Rug Company, Oshkosh, Wis., a Corporation of Wisconsin, assignee.

52,170. A STOMACHIC AND CARMINATIVE. Registered May 1, 1906. ELIZABETH DORT, Buffalo, N. Y. Renewed May 1, 1926.

52,209. COFFEE. Registered May 1, 1906. MEYER BROTHERS COFFEE AND SPICE COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed May 1, 1926.

52,287. DISPENSING CABINETS. Registered May 8, 1906. ALBANY PERFORATED WRAPPING PAPER Co., Albany, N. Y., a Corporation of New York. Renewed May 8, 1926.

52,347. METAL MANUFACTURES. Registered May 8, 1906. U. T. HUNGERFORD BRASS & COPPER Co., New York, N. Y., a Corporation of New York. Renewed May 8, 1926.

52,364. CUSHION FINGER KEYS. Registered May 8, 1906. MUNSON SUPPLY COMPANY, New York, N. Y., a Corporation of New York. Renewed May 8, 1926.

52,402. SILK BRAIDS AND MOHAIR BRAIDS. Registered May 8, 1906. WILLIAM SKINNER MANUFACTURING Co., Holyoke and Boston, Mass.; New York, N. Y.; Chicago, Ill.; and Philadelphia, Pa. Renewed May 8, 1926, to William Skinner & Sons, Holyoke, Mass., and New York, N. Y., an Association of Massachusetts, assignee.

52,406. CLOTHES WRINGERS AND THE PARTS COMPOSING THE SAME. Registered May 8, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed May 8, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

52,423. PIANOS. Registered May 8, 1906. JEWETT PIANO Co., Leominster, Mass. Renewed May 8, 1926, to Jewett Piano Co., Boston, Mass., a Corporation of Maine.

52,434. CERTAIN NAMED BEVERAGES AND FRUIT JUICES. Registered May 8, 1906. SUNLIT FRUIT COMPANY. Renewed May 8, 1926, to California Packing Corporation, San Francisco, Calif., a Corporation of New York, assignee.

52,525. WHEAT FLOUR. Registered May 8, 1906. THE ALLIANCE MILLING COMPANY. Renewed May 8, 1926, to ALLIANCE MILLING Co., Denton, Tex., a Corporation of Texas.

52,626. INSULATED WIRES. Registered May 15, 1906. PHILLIPS INSULATED WIRE Co. Renewed May 15, 1926, to Phillips Wire Company, Pawtucket, R. I., a Corporation of Rhode Island, assignee.

52,659. SEWING-MACHINE NEEDLES. Registered May 15, 1906. EXCELSIOR NEEDLE COMPANY. Renewed May 15, 1926, to The Torrington Company, Torrington, Conn., a Corporation of Connecticut, assignee.

52,660. SEWING-MACHINE NEEDLES. Registered May 15, 1906. EXCELSIOR NEEDLE COMPANY. Renewed May 15, 1926, to The Torrington Company, Torrington, Conn., a Corporation of Connecticut, assignee.

52,689. WRINGERS. Registered May 15, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed May 15, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

52,860. METALLIC PENS. Registered May 22, 1906. THE SPENCERIAN PEN COMPANY, New York, N. Y., a Corporation of New York. Renewed May 22, 1926.

52,876. KNIFE SECTIONS. Registered May 22, 1906. THE WHITMAN & BARNES MANUFACTURING COMPANY, Akron, Ohio, a Corporation of Ohio. Renewed May 22, 1926.

52,898. CRAYONS. Registered May 22, 1906. THE AMERICAN CRAYON Co., Sandusky, Ohio, a Corporation of Ohio. Renewed May 22, 1926.

52,899. CRAYONS. Registered May 22, 1906. THE AMERICAN CRAYON Co., Sandusky, Ohio, a Corporation of Ohio. Renewed May 22, 1926.

52,902. COTTON DAMASK. Registered May 22, 1906. ROSEMARY MANUFACTURING COMPANY, Roanoke Rapids, N. C., a Corporation of North Carolina. Renewed May 22, 1926.

53,135. LEATHER FOR HARNESS AND SADDLERY. Registered May 29, 1906. THE AMERICAN OAK LEATHER COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed May 29, 1926.

53,213. A TONIC CORDIAL. Registered May 29, 1906. VOIGT & Co. Renewed May 29, 1926, to Voigt & Co., Chattanooga, Tenn., a Corporation of Tennessee, successor.

53,237. LUBRICATING OILS. Registered May 29, 1906. VALVOLINE OIL COMPANY, Edgewater, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed May 29, 1926.

53,263. AROMATIC SIRUP FOR DISGUISING QUININE. Registered May 29, 1906. VOIGT & Co. Renewed May 29, 1926, to Voigt & Co., Chattanooga, Tenn., a Corporation of Tennessee, successor.

53,297. CANNED FRUITS AND VEGETABLES. Registered May 29, 1906. WAYNE COUNTY PRESERVING Co. Renewed May 29, 1926, to Edgett-Burnham Company, Newark, N. Y., a Corporation of New York, assignee.

53,298. CANNED FRUITS AND VEGETABLES. Registered May 29, 1906. WAYNE COUNTY PRESERVING Co. Renewed May 29, 1926, to Edgett-Burnham Company, Newark, N. Y., a Corporation of New York, assignee.

53,316. COLOR PASTES. Registered May 29, 1906. JOSEPH BURNETT Co., Boston, Mass., a Corporation of Massachusetts. Renewed May 29, 1926.

53,358. CARPET WARPS. Registered May 29, 1906. JAMES E. REYNOLDS & Co. Renewed May 29, 1926, to James E. Reynolds & Co., New York, N. Y., assignee.

53,362. INVESTMENT AND IMPRESSION COMPOUNDS. Registered May 29, 1906. THE S. S. WHITE DENTAL MFG. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia. Renewed May 29, 1926, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania.

53,378. METALLIC PENS. Registered June 5, 1906. THE SPENCERIAN PEN COMPANY, New York, N. Y., a Corporation of New Jersey. Renewed June 5, 1926.

53,387. UPRIGHT AND GRAND PIANOS. Registered June 5, 1906. LESTER PIANO COMPANY, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed June 5, 1926.

53,405. MALT EXTRACTS. Registered June 5, 1906. M. K. GOETZ BREWING Co., St. Joseph, Mo., a Corporation of Missouri. Renewed June 5, 1926.

53,419. LEATHER BOOTS AND SHOES. Registered June 5, 1906. GEO. D. WITT SHOE Co. Renewed June 5, 1926, to Craddock-Terry Company, Lynchburg, Va., a Corporation of Virginia, successor.

53,438. MACARONI, SPAGHETTI, VERMICELLI, AND NOODLES. Registered June 5, 1906. CRESCENT MACARONI & CRACKER Co. Renewed June 5, 1926, to Crescent Macaroni & Cracker Co., Davenport, Iowa, a Corporation of Iowa, assignee.

53,492. MIXED TEAS. Registered June 5, 1906. NEW ORLEANS IMPORT Co. LTD., New Orleans, La., a Corporation of Louisiana. Renewed June 5, 1926.

53,544. NEEDLES. Registered June 5, 1906. EXCELSIOR NEEDLE COMPANY. Renewed June 5, 1926, to The Torrington Company, Torrington, Conn., a Corporation of Connecticut, assignee.

53,565. POLISHING AND ABRADING STRIPS. Registered June 5, 1906. THE S. S. WHITE DENTAL MFG. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia. Renewed June 5, 1926, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania.

53,566. ABRADING DISKS, WHEELS, AND POINTS. Registered June 5, 1906. THE S. S. WHITE DENTAL MFG. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia. Renewed June 5, 1926, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania.

53,591. PILLS. Registered June 5, 1906. CARTER MEDICINE COMPANY, New York, N. Y., a Corporation of New York. Renewed June 5, 1926.

53,678. SAWS. Registered June 12, 1906. HENRY DISSTON & SONS, INCORPORATED, Tacony, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed June 12, 1926.

53,699. SAWS. Registered June 12, 1906. HENRY DISSTON & SONS, INCORPORATED, Tacony, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed June 12, 1926.

53,700. SAWS. Registered June 12, 1906. HENRY DISSTON & SONS, INCORPORATED, Tacony, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed June 12, 1926.

53,702. SAWS. Registered June 12, 1906. HENRY DISSTON & SONS, INCORPORATED, Tacony, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed June 12, 1926.

53,752. SAWS. Registered June 12, 1906. HENRY DISSTON & SONS, INCORPORATED, Tacony, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed June 12, 1926.

53,762. A MEDICATED AND PERFUMED SOAP. Registered June 12, 1906. POTTER DRUG & CHEMICAL CORPORATION, Boston, Mass. Renewed June 12, 1926, to Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass., a Corporation of Maine.

53,839. FIRE EXTINGUISHERS. Registered June 12, 1906. AMERICAN-LA FRANCE FIRE ENGINE Co. Renewed June 12, 1926, to American-La France Fire Engine Company, Inc., Elmira, N. Y., a Corporation of New York, assignee.

53,936. BICARBONATE OF SODA. Registered June 12, 1906. PENNSYLVANIA SALT MFG. CO., Philadelphia, Pa., a Corporation of Pennsylvania. Renewed June 12, 1926.

53,991. SHOVELS, SCOOPS, AND SPADES. Registered June 19, 1906. ST. LOUIS SHOVEL Co., St. Louis, Mo. Renewed June 19, 1926, to Ames Shovel and Tool Company, Boston, Mass., a Corporation of New Jersey, assignee.

54,183. JAMS, JELLIES, MARMALADES, PRESERVED AND CONSERVED FRUITS. Registered June 19, 1906. SUNLIT FRUIT COMPANY. Renewed June 19, 1926, to California Packing Corporation, San Francisco, Calif., a Corporation of New York, assignee.

54,216. A FOOD PREPARATION OF BONE MARROW AND MALT. Registered June 19, 1906. VIROL, LIMITED, London, England, a Corporation of Great Britain. Renewed June 19, 1926.

54,287. LEATHER BOOTS, SHOES, OXFORDS, SANDALS, AND SLIPPERS. Registered June 26, 1906. MOORE-SHAFER SHOE MFG. Co., Brockport, N. Y., a Corporation of New York. Renewed June 26, 1926.

LABELS

REGISTERED FEBRUARY 9, 1926.

29,897.—*Title:* ADCO. For Woven Textile Fabric Composed in Whole or in Part of Silk, Rayon, or Other Silk Substitute. THE ADAMS MANUFACTURING COMPANY, New York, N. Y. Published December 19, 1925.

29,898.—*Title:* ATLAS. For Ginger Ale. ATLAS BREWING COMPANY, Chicago, Ill. Published December 5, 1925.

29,899.—*Title:* BARNETT'S MEADOWLARK CHOCOLATES. For Chocolates. JOHN GLENN BARNETT, Portland, Oreg. Published October 1, 1925.

29,900.—*Title:* BLUE RIBBON. For a Pharmaceutical Preparation. BLUE RIBBON CHEMICAL Co., Kansas City, Mo. Published July 14, 1925.

29,901.—*Title:* BEN-DIX OINTMENT. For Ointment. ALBERT BRANDT, Trenton, N. J. Published July 22, 1925.

29,902.—*Title:* ARABIA DRY. For Ginger Ale. BUFFALO PRODUCTS Co., INC., Buffalo, N. Y. Published January 6, 1926.

29,903.—*Title:* NEHI. For a Nonalcoholic, Maltless, Noncereal Beverage Sold as a Soft Drink. CHERCOLA COMPANY, Columbus, Ga. Published November 30, 1925.

29,904.—*Title:* MY BUDDY. For Prepared Foods—Namely, a Powder Adapted for Making Chocolate Malted-Milk Beverages. CONSUMERS MALTED MILK Co., INC., Brooklyn, N. Y. Published October 17, 1924.

29,905.—*Title:* GIPSY HEALTH TABLETS. For Gipsy Health Tablets. LOTHAIRE E. CROUSE, doing business as Livingston Health Laboratories, Columbus, Ohio. Published January 3, 1926.

29,906.—*Title:* VA-JA. For an Antiseptic Powder. LOUIS DENEROFF, doing business as Va-Ja Health Laboratories, Brooklyn, N. Y. Published November 2, 1925.

29,907.—*Title:* SKIN-I-DINE (the letter "I" not appearing, but being represented by a picture of the human eye). For Remedy for Fresh Cuts, Abrasions, Scratches, and Other Wounds. DERMA-IODINE COMPANY, Dallas, Tex. Published September 3, 1925.

29,908.—*Title:* BREAKS ICE QUICK. For Ice Picks. FLETCHER WORKS, INCORPORATED, Philadelphia, Pa. Published November 3, 1925.

29,909.—*Title:* FRISCH PROCESS. For Bread. EMILE FRISCH, Chicago, Ill. Published December 1, 1925.

29,910.—*Title:* EQUITY SWEET CREAM BUTTER. For Butter. HICKMAN & COWARD, Buffalo, N. Y. Published December 7, 1925.

29,911.—*Title:* CLEARSIGHT. For a Glass Clearer and Polish. CHARLES A. MAIKELS, Montgomery, Ill. Published October 20, 1925.

29,912.—*Title:* QUICK WAY 2 IN 1 HOPMALT. For Malt Extract. H. MEINHARDT & COMPANY, INC., doing business as Home Manufacturing Company, Chicago, Ill. Published June 1, 1925.

29,913.—*Title:* GOLD LEAF. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to Coffeyville Creamery, Coffeyville, Kans. Published December 15, 1925.

29,914.—*Title:* CHICKS. For Eggs. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to Chicks Sales Company, New York, N. Y. Published December 23, 1925.

29,915.—*Title:* ATTRACTO. For Cigars. WILLIAM W. MUEHLHAUSER, Quakertown, Pa. Published December 1, 1925.

29,916.—*Title:* PETER MANNING. For Cigars. WILLIAM W. MUEHLHAUSER, Quakertown, Pa. Published December 26, 1925.

29,917.—*Title:* EL COMEDOR. For Cigars. WILLIAM W. MUEHLHAUSER, Quakertown, Pa. Published December 1, 1925.

29,918.—*Title:* WHEATONE. For Cereal Breakfast Food. THE NATIONAL FOOD COMPANY, McPherson, Kans. Published January 9, 1926.

29,919.—*Title:* ESPIQUET (S. P. K.). For Sauce. PRICE FLAVORING EXTRACT CO., Chicago, Ill. Published December 26, 1925.

29,920.—*Title:* VICTROLAC. For Lacquer. VICTOR L. ROEDER CO., Philadelphia, Pa. Published October 15, 1925.

29,921.—*Title:* RAILROAD LINIMENT. For Liniment. DR. I. E. SCRIPTURE, Frankfort, Ind. Published November 15, 1925.

29,922.—*Title:* DIXIE QUEEN. For Butter. SOUTHERN DAIRIES, INC., Miami, Fla. Published December 10, 1925.

29,923.—*Title:* RADIO KISSES. For Candy. IVER SVARSTAD, Minneapolis, Minn. Published November 19, 1925.

29,924.—*Title:* MAGNOLIA. For Malt Sirup. UNION BEVERAGE COMPANY, INC., doing business as Magnolia Products Co., New Orleans, La. Published December 31, 1925.

29,925.—*Title:* WHOLE WHEAT BREAD. For Bread. WAX WRAP PAPER CO., Dallas, Tex. Published November 10, 1925.

29,926.—*Title:* TOWN TALK. For Self-Opening Paper Bags. WORTENDYKE MANUFACTURING CO., Richmond, Va. Published January 6, 1926.

PRINTS

REGISTERED FEBRUARY 9, 1926.

8,558.—*Title:* BEN-DIX OINTMENT. For Ointment. ALBERT BRANDT, Trenton, N. J. Published July 22, 1925.

8,559.—*Title:* WHEN 3,000 MOTHERS MADE THIS STARTLING DISCOVERY ABOUT THEIR CHILDREN. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published January 8, 1926.

8,560.—*Title:* THE MILLION DOLLAR OVERALL. For Overalls. THE CROWN OVERALL MFG. COMPANY, Cincinnati, Ohio. Published July 15, 1925.

8,561.—*Title:* EDISON MAZDA LAMPS. For Edison Mazda Lamps. EDISON LAMP WORKS OF G. E. Co., Harrison, N. J. Published August 25, 1925.

8,562.—*Title:* INTERWOVEN SOCKS FOR CHRISTMAS. For Hosiery. INTERWOVEN STOCKING COMPANY, New Brunswick, N. J. Published August 26, 1925.

8,563.—*Title:* OK VENS. For Candy and Confectionery. MILLS NOVELTY COMPANY, Chicago, Ill. Published October 23, 1925.

8,564.—*Title:* USE SHEET METAL FOR BEAUTY AND PERMANENCE. For Sheet Metal. NATIONAL ASSOCIATION OF SHEET METAL CONTRACTORS OF THE UNITED STATES, Camden, N. J., and Philadelphia, Pa. Published October 21, 1925.

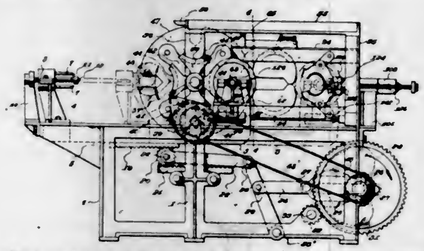
8,565.—*Title:* THE MODERN PLUMBER. For Plumbing Fixtures. THE REPUBLIC BRASS COMPANY, Cleveland, Ohio. Published November 17, 1925.

8,566.—*Title:* BOYS AND GIRLS EARN EASY CHRISTMAS MONEY. For Christmas Seals. GEORGE C. WILSON, doing business as The Century Mail Order Company, Tyrone, Pa. Published November 8, 1925.

REISSUES

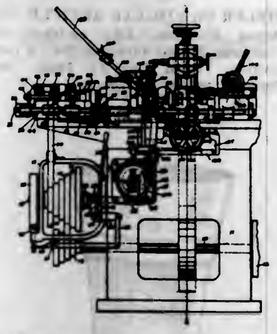
FEBRUARY 9, 1926.

16,259. APPARATUS FOR PITTING OR CORING FRUIT. ARTHUR L. DUNCAN, Oakland, Calif. Filed Dec. 9, 1925. Serial No. 74,402. Original No. 1,498,078, dated June 17, 1924, Serial No. 690,416, filed Feb. 4, 1924. 30 Claims. (Cl. 146—28.)



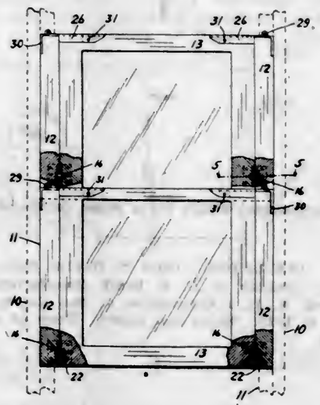
6. A peach halving and pitting apparatus including means for cutting a peach annularly to separate the pulp substantially into halves, with a portion of each adhering to the pit, means for separating the adhering portions of the halves from the pit, peach feeding means including a pair of peach impaling knives, and means for centering the peach onto said knives.

16,260. GRINDING MACHINE. WARREN F. FRASER, Westboro, Mass. Filed Aug. 4, 1925. Serial No. 48,131. Original No. 1,470,605, dated Oct. 16, 1923, Serial No. 456,411, filed Mar. 28, 1921. 24 Claims. (Cl. 51—50.)



1. A grinding machine having, in combination, means to grip one end of a blank, means to rotatably support the opposite ends of said blank during the grinding operation, means to feed said blank to said gripping and supporting means, means including said gripping and supporting means adapted to rotate said blank, a rotary grinding member, means to move said grinding member into and out of contact with said blank and means to release said blank from said gripping and supporting means.

16,261. WINDOW SASH. AMABLE S. TUÑEZ, Easton, Pa., assignor of one-half to Morris Levin, Philadelphia, Pa. Filed May 14, 1925. Serial No. 30,374. Original No. 1,521,409, dated Dec. 30, 1924. Serial No. 648,759, filed June 30, 1923. 5 Claims. (Cl. 20—49.)



1. In a window sash, a sliding stile pivoted thereto, a pivot plate carried by the upper portion of the stile, a connecting plate of a width substantially equal to the thickness of the sash, hinge lugs on both plates, the length of the combined hinge lugs being substantially equal to the thickness of the sash, and a hinge pin extending through the lugs, said pivot plate having a portion of channel cross-section to embrace the upper portion of the sash frame.

DESIGNS

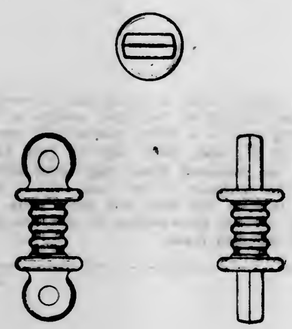
FEBRUARY 9, 1926.

69,380. PAPER CUTTER. CARROLL H. BLAISDELL, Providence, R. I. Filed Nov. 1, 1923. Serial No. 7,643. Term of patent 3½ years.



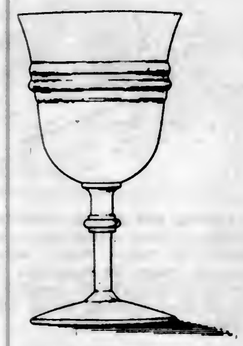
The ornamental design for a paper cutter, as shown.

69,381. INSULATOR. LEON S. BRACH, East Orange, N. J., assignor to L. S. Brach Manufacturing Co., Newark, N. J., a Corporation of New Jersey. Filed Mar. 5, 1925. Serial No. 12,608. Term of patent 7 years.



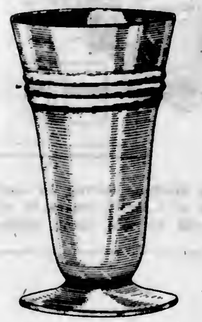
The ornamental design for an insulator as shown.

69,382. GOBLET OR SIMILAR ARTICLE. GERARD S. BRYCE, Mount Pleasant, Pa., assignor to Bryce Brothers Company, Mount Pleasant, Pa., a Corporation of Pennsylvania. Filed Dec. 14, 1925. Serial No. 15,752. Term of patent 14 years.



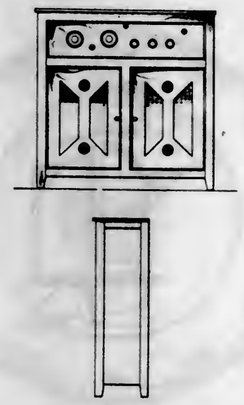
The ornamental design for a goblet or similar article, as shown.

69,383. TUMBLER OR SIMILAR ARTICLE. GERARD S. BRYCE, Mount Pleasant, Pa., assignor to Bryce Brothers Company, Mount Pleasant, Pa., a Corporation of Pennsylvania. Filed Dec. 14, 1925. Serial No. 15,751. Term of patent 14 years.



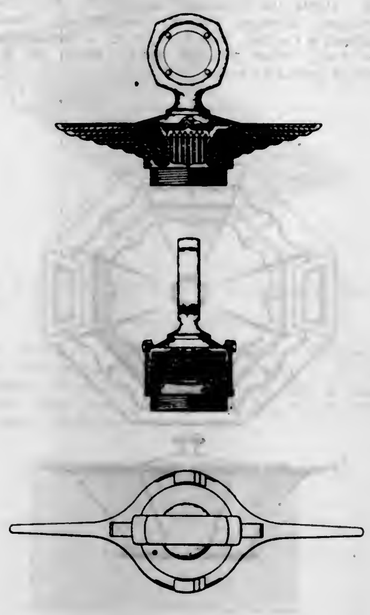
The ornamental design for a tumbler or similar article, as shown.

69,384. RADIATOR CASING. DOROTHY W. DAY, Chicago, Ill. Filed May 15, 1925. Serial No. 13,447. Term of patent 14 years.



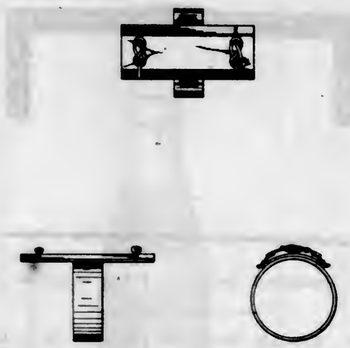
The ornamental design for a radiator casing, as shown.

69,385. AUTOMOBILE RADIATOR CAP. STEPHEN FAITH, Chicago, Ill., assignor to Faith Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 3, 1925. Serial No. 15,630. Term of patent 7 years.



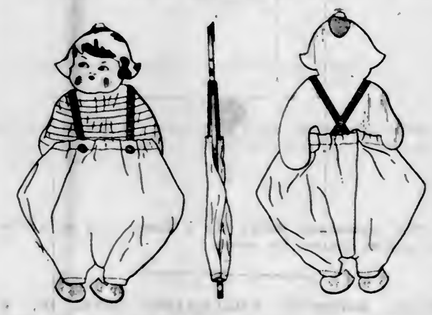
The ornamental design for an automobile radiator cap, as shown.

69,386. RING. WILLIAM S. FOLEY, Kansas City, Mo., assignor of one-third to Edward T. Petersen, Kansas City, Mo. Filed Aug. 26, 1925. Serial No. 14,601. Term of patent 7 years.



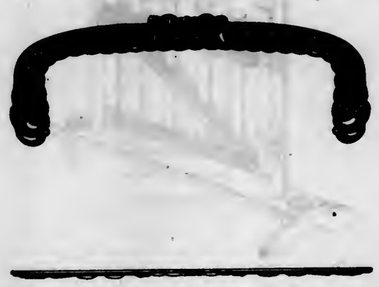
The ornamental design for a ring as shown.

69,387. NOVELTY HOLDER FOR SOILED OR CLEAN HANDKERCHIEFS. ELMER P. GOLDSMITH, Newark, N. J., assignor to Miller & Goldsmith, New York, N. Y., a firm consisting of William G. Miller and Elmer P. Goldsmith. Filed Nov. 13, 1925. Serial No. 15,415. Term of patent 3½ years.



The ornamental design for a novelty holder for soiled or clean handkerchiefs as shown.

69,388. BAG FRAME. WOLF T. GOLDSMITH, Newark, N. J. Filed Dec. 11, 1925. Serial No. 15,717. Term of patent 3½ years.



The ornamental design for a bag frame, as shown.

69,389. BAG FRAME. WOLF T. GOLDSMITH, Newark, N. J. Filed Dec. 11, 1925. Serial No. 15,718. Term of patent 3½ years.



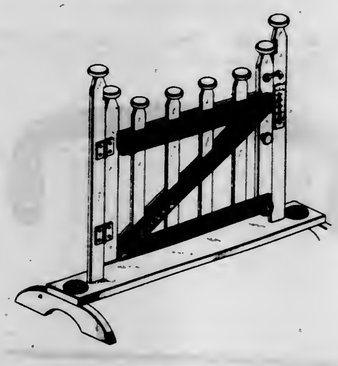
The ornamental design for a bag frame, as shown.

69,390. FINGER RING OR ARTICLE OF SIMILAR NATURE. BENJAMIN GROSS, New York, N. Y., assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y., a Corporation of New York. Filed Nov. 28, 1925. Serial No. 15,575. Term of patent 3½ years.



The ornamental design for a finger ring or article of similar nature, as shown.

69,391. SOUVENIR EMBLEMATIC GATE. IDA S. GRUNDLOCK, Philadelphia, Pa. Filed Sept. 21, 1925. Serial No. 14,842. Term of patent 3½ years.



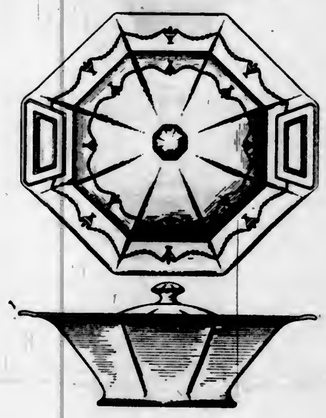
The ornamental design for a souvenir emblematic gate, as shown.

69,392. WAITING-STATION BOOTH. BENNET D. HAEUSSLER, Marion, Iowa. Filed Nov. 10, 1925. Serial No. 15,399. Term of patent 14 years.



The ornamental design for a waiting station booth, as shown.

69,393. DISH OR SIMILAR ARTICLE. WILLIAM D. HAVILAND, Limoges, France, assignor to Theodore Haviland & Co. Inc., New York, N. Y., a Corporation of New York. Filed Feb. 20, 1924. Serial No. 8,687. Term of patent 14 years.



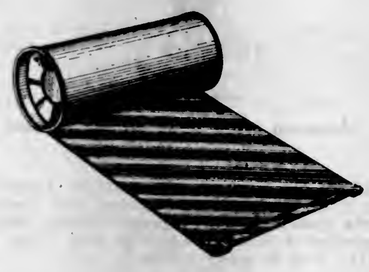
The ornamental design for a dish, or similar article, as shown.

69,394. PLATE OR SIMILAR ARTICLE. WILLIAM D. HAVILAND, Limoges, France, assignor to Theodore Haviland & Co. Inc., New York, N. Y., a Corporation of New York. Filed Dec. 4, 1924. Serial No. 11,583. Term of patent 14 years.



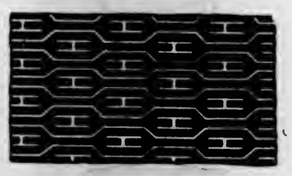
The ornamental design for a plate or similar article, as shown.

69,395. MEMORANDUM PAD. LEO LEROY HENRY, Cedar Rapids, Iowa, assignor to Julian E. Jackson, Cedar Rapids, Iowa. Filed Apr. 3, 1925. Serial No. 13,004. Term of patent 14 years.



The ornamental design for a memorandum pad as shown.

69,396. SAFETY PAPER. HERBERT WILBY HETHERINGTON, Providence, R. I., assignor to The J. C. Hall Company, Providence, R. I., a Corporation of Rhode Island. Filed Sept. 2, 1925. Serial No. 14,700. Term of patent 14 years.



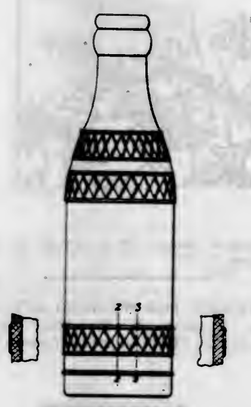
The ornamental design for safety paper substantially as shown.

69,397. BOTTLE. CARL A. JONES, Bristol, Va. Filed Dec. 4, 1925. Serial No. 15,634. Term of patent 14 years.



The ornamental design for a bottle, as shown.

69,398. BOTTLE. MORRIS I. KATZ Springfield, Mass Filed Aug. 27, 1925. Serial No. 14,613. Term of patent 14 years.



The ornamental design for a bottle, as shown.

69,399. TEXTILE FABRIC. WILLIAM C. KORZINEK, Cliffside Park, N. J., assignor to Golding Bros. Company, New York, N. Y., a Corporation of New York. Filed Dec. 11, 1925. Serial No. 15,715. Term of patent 3½ years.



The ornamental design for a textile fabric, as shown.

69,400. TEXTILE FABRIC. OSCAR KRAUSE, Far Rockaway, N. Y. Filed Dec. 22, 1925. Serial No. 15,824. Term of patent 3½ years.



The ornamental design for a textile fabric, substantially as shown.

69,401. TRIMMING FOR WEARING APPAREL. MORRIS LADIN, Brooklyn, N. Y. Filed Feb. 5, 1925. Serial No. 12,273. Term of patent 7 years.



The ornamental design for trimming for wearing apparel as shown.

69,402. RADIATOR CAP. ALOYSIUS C. LIPPERT, Kenosha, Wis., assignor of one-half to Clayton A. Norton, Chicago, Ill. Filed Dec. 9, 1925. Serial No. 15,700. Term of patent 3½ years.



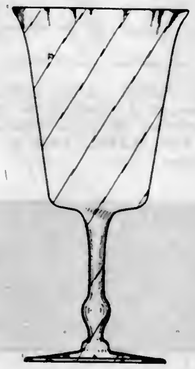
The ornamental design for radiator cap as shown.

69,403. PERFUME CONTAINER. CHARLES LIONEL MARCUS, New York, N. Y. Filed June 20, 1924. Serial No. 9,930. Term of patent 14 years.



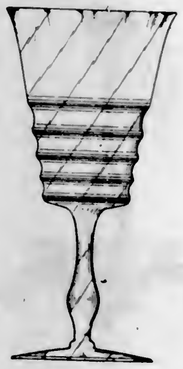
The ornamental design for a perfume container as shown.

69,404. GLASS GOBLET OR SIMILAR ARTICLE. WILL CAMERON MCCARTNEY, Cambridge, Ohio, assignor to The Cambridge Glass Company, Cambridge, Ohio, a Corporation of Ohio. Filed Nov. 19, 1925. Serial No. 15,471. Term of patent 7 years.



The ornamental design for a glass goblet or similar article, as shown.

69,405. GLASS GOBLET OR SIMILAR ARTICLE. WILL CAMERON MCCARTNEY, Cambridge, Ohio, assignor to The Cambridge Glass Company, Cambridge, Ohio, a Corporation of Ohio. Filed Nov. 19, 1925. Serial No. 15,472. Term of patent 7 years.



The ornamental design for a glass goblet or similar article, as shown.

69,406. CABINET FOR A SOUND-REPRODUCING MACHINE. MARTIN NYSTROM, Chicago, Ill., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del., a Corporation of Delaware. Filed Oct. 13, 1924. Serial No. 11,056. Term of patent 7 years.



The ornamental design for a cabinet for a sound reproducing machine as shown.

69,407. CABINET FOR A SOUND-REPRODUCING MACHINE. MARTIN NYSTROM, Chicago, Ill., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del., a Corporation of Delaware. Filed Oct. 13, 1924. Serial No. 11,057. Term of patent 7 years.



The ornamental design for a cabinet for a sound reproducing machine as shown.

69,408. CABINET FOR A SOUND-REPRODUCING MACHINE. MARTIN NYSTROM, Chicago, Ill., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del., a Corporation of Delaware. Filed Oct. 13, 1924. Serial No. 11,058. Term of patent 7 years.



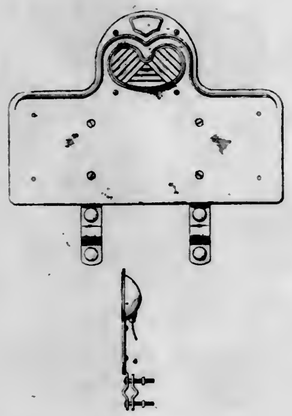
The ornamental design for a cabinet for a sound reproducing machine as shown.

69,409. LIP-STICK HOLDER. ROBERT E. POWER, Los Angeles, Calif. Filed June 27, 1925. Serial No. 13,923. Term of patent 14 years.



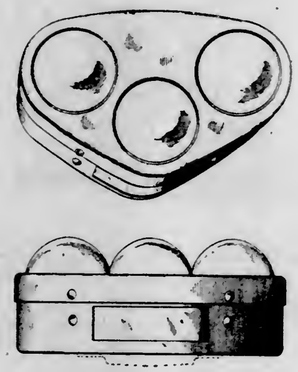
The ornamental design for a lip stick holder, as shown.

69,410. COMBINED LIGHT AND LICENSE-PLATE HOLDER. OLIVER C. RITZ WOLLER, Chicago, Ill. Filed Nov. 7, 1925. Serial No. 15,378. Term of patent 14 years.



The ornamental design for a combined light and license plate holder, as shown.

69,411. AUTOMOBILE SIGNAL LAMP. OLIVER C. RITZ WOLLER, Chicago, Ill. Filed Oct. 30, 1925. Serial No. 15,297. Term of patent 14 years.



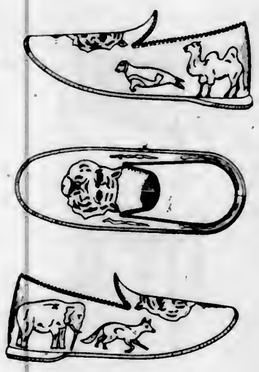
The ornamental design for an automobile signal lamp, as shown.

69,412. CHANDELIER OR THE LIKE. FREDERICK ROWTONS, New York, N. Y., assignor to Harry Hilfman, New York, N. Y. Filed Oct. 3, 1925. Serial No. 14,999. Term of patent 3½ years.



The ornamental design for a chandelier or the like as shown.

69,413. SLIPPER. NORBERT ROSENBAUM, New York, N. Y. Filed Aug. 29, 1925. Serial No. 14,638. Term of patent 3½ years.



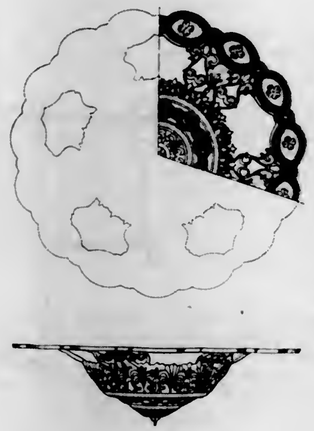
The ornamental design for a slipper as shown.

69,414. LIGHTING-FIXTURE CANOPY. HERMAN A. SAFION, New York, N. Y. Filed Dec. 5, 1925. Serial No. 15,651. Term of patent 3½ years.



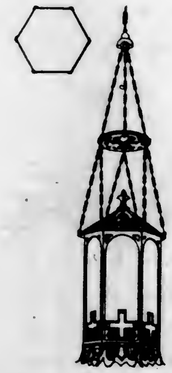
The ornamental design for a lighting fixture canopy, as shown.

69,415. LIGHTING-FIXTURE PLATE. HERMAN A. SAFION, New York, N. Y. Filed Dec. 5, 1925. Serial No. 15,652. Term of patent 3½ years.



The ornamental design for a lighting fixture plate, as shown.

69,416. ILLUMINATING FIXTURE. CONRAD SCHMITT, Milwaukee, Wis. Filed Oct. 5, 1925. Serial No. 15,020. Term of patent 7 years.



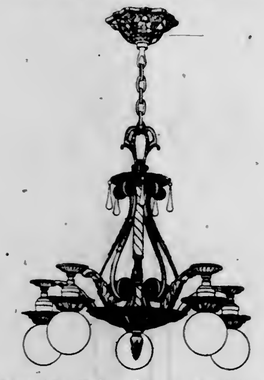
The ornamental design for an illuminating fixture, substantially as shown.

69,417. LAMP. GEORGE VEETMEIER, Milwaukee, Wis. Filed Oct. 8, 1925. Serial No. 15,066. Term of patent 7 years.



The ornamental design for a lamp as shown.

69,418. CHANDELIER OR THE LIKE. GUSTAVE E. VILLARET, Leonia, N. J., assignor to Harry Hilfman, New York, N. Y. Filed Oct. 3, 1925. Serial No. 15,003. Term of patent 3½ years.



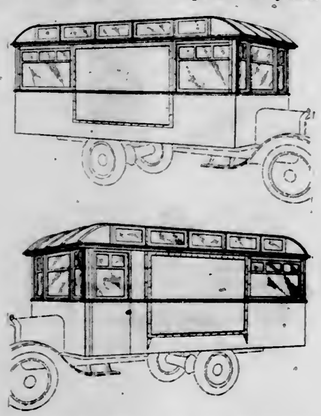
The ornamental design for a chandelier or the like as shown.

69,419. TRAY FOR CUPS OR SIMILAR ARTICLES. HENRY WELLEN, New York, N. Y. Filed June 6, 1925. Serial No. 13,689. Term of patent 7 years.



The ornamental design for a tray for cups or similar articles substantially as shown.

69,420. AUTOMOBILE BODY. GEORGE PHILLIP WIEDMAN, North Tonawanda, N. Y. Filed Oct. 6, 1925. Serial No. 15,035. Term of patent 14 years.



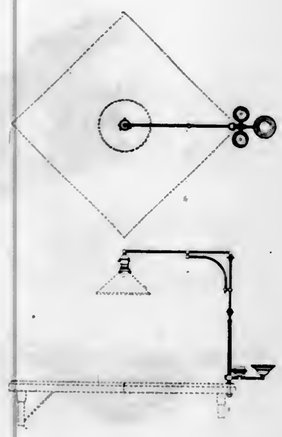
The ornamental design for an automobile body as shown.

69,421. SPOUT FOR BATH AND LAVATORY FIXTURES. MAXIMILLIAN W. WUESTHOFF, San Francisco, Calif. Filed Nov. 27, 1925. Serial No. 15,555. Term of patent 14 years.



The ornamental design for a spout for bath and lavatory fixtures, substantially as shown.

69,422. COMBINED BRIDGE-LAMP BRACKET AND SMOKING SET. RAY ZUG, Los Angeles, Calif. Filed Oct. 6, 1925. Serial No. 15,031. Term of patent 14 years.

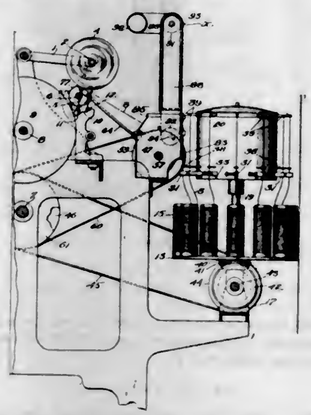


The ornamental design for a combined bridge lamp bracket and smoking set as shown.

PATENTS

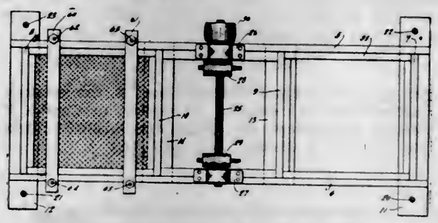
GRANTED FEBRUARY 9, 1926.

1,571,925. WINDING MACHINE. EDWARD JAMES ABBOTT, Wilton, N. H. Filed Jan. 28, 1914. Serial No. 815,088. 47 Claims. (Cl. 242—35.6.)



1. In combination, winding mechanism, a supply package carrier holding a plurality of packages of yarn to be unwound, breakage or exhaustion detectors and tying mechanism controlled by said detectors operating automatically whenever the supply from one of said packages to the winding mechanism ceases, then to tie together the leading end of the yarn in another package to the following end of the yarn passing to the winding mechanism.

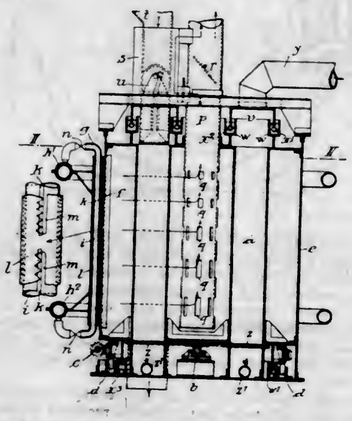
1,571,926. MIXING MACHINE. JOSEPH J. BABKA, Berwyn, Ill. Filed Feb. 7, 1924. Serial No. 691,126. 24 Claims. (Cl. 83—73.)



1. In a mixing machine, a series of superimposed screens, sets of baffles interposed between adjacent screens each set being so arranged as to divide the material and deflect part in one direction and part in another, a supporting frame, and means for vibrating said frame.

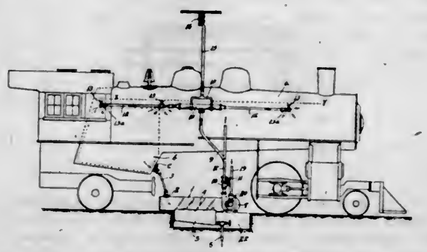
1,571,927. APPARATUS FOR CARBONIZING BITUMINOUS FUELS. ADALBERT BESTA, Duisburg, Germany. Filed Dec. 27, 1924. Serial No. 758,379. 11 Claims. (Cl. 202—9.)

1. An apparatus for carbonizing bituminous fuels, comprising, in combination, a plurality of cells spaced apart and fixedly grouped into an annular series; means for rotating the cells; means for heating the cells on all sides; means for feeding the cells with the respective fuel one after the other at one definite place; means for



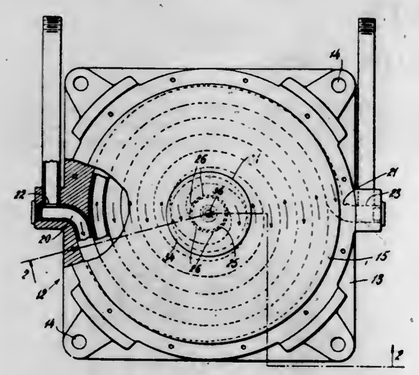
compressing the fuel in the filled cell at a neighbouring place, and means for discharging the degasified fuel again at a neighbouring place, substantially as described.

1,571,928. METHOD AND APPARATUS FOR WASHING LOCOMOTIVE BOILERS. WILLIAM J. BOHAN, St. Paul, Minn. Filed July 13, 1922. Serial No. 574,799. 4 Claims. (Cl. 122—397.)



1. The method of washing out and refilling a locomotive boiler while under its own steam and without blowing down the same, which consists in connecting a condnit adjacent the botton portion thereof, connecting conduits at spaced points well above the bottom thereof, providing a sludge collecting means drawing the water from the boiler through said first mentioned conduit and sludge collecting means and then forcing said water at high pressure through said last mentioned conduits into the boiler to set up a violent circulation therein to stir up and loosen any sediment, and continuing said operation whereby said sediment will be loosened and carried from said boiler and largely collected in said sludge collecting means, and then drawing off said water and supplying said boiler with clean hot water.

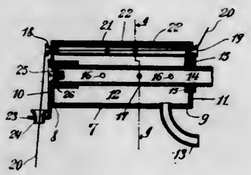
1,571,929. DIE HOLDER. WILHELM B. BRONANDER, Montclair, N. J. Filed May 18, 1922. Serial No. 561,798. 20 Claims. (Cl. 18—5.3.)



1. A die holder having a portion with a surface adapted to hold a matrix and conduits in said holder adjacent the matrix holding surface for conducting a heating or cooling medium, said conduits comprising a pair of interwound spirals communicating with each other at their central portions forming a single closed continuous passage, one of said conduits having an inlet at its outer end and the other conduit having an outlet at its outer end.

12. A die holder having a surface for supporting a matrix, said surface having a central recessed portion and a resilient, disher disc adapted to seat in said portion and having a flange adapted to rest on the matrix.

1,571,930. STEAMING DEVICE FOR YARNS. PAUL CESAR, Brooklyn, N. Y. Filed May 4, 1925. Serial No. 27,664. 2 Claims. (Cl. 28—59.)



2. A device of the character described comprising a closed cylindrical hollow body forming a steam chamber, a steam supply pipe supported centrally within the same and provided with steam outlets in its sides and with a drain opening in the bottom, a drain pipe secured in the bottom of said steam chamber, a yarn guide steam pipe supported in said steam chamber near the top thereof and provided with steam inlets, yarn guide eyelet secured in said body for guiding the yarn into said yarn guide steam pipe, a yarn guide bracket and a screw for securing said bracket to the said body and for securing the aforesaid elements in position.

1,571,931. COLLAPSIBLE DRILL BIT. WALTER L. CHURCH, West Columbia, Tex. Filed Jan. 9, 1923. Serial No. 611,632. 12 Claims. (Cl. 255—76.)

1. In a drilling apparatus, the combination of a rotary tubular driving member having a threaded section, a detachable shank, a boring tool carried by the lower end of the shank, an expander movable within said shank, and an engaging member having a slidable connection

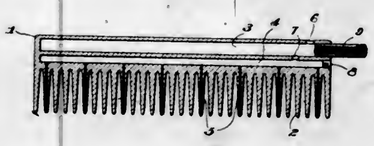


with said expander and actuated thereby into intermeshing engagement with said section to lock said shank with said driving member.

1,571,932. PROCESS OF PREPARING YEAST-NUTRIENT SOLUTIONS AND OF MANUFACTURING YEAST THEREFROM. ROBERT L. COBBY, Chevy Chase, Md., and RUTH GLASGOW, Pittsburgh, Pa., assignors, by mesne assignments, to The Fleischmann Company, a Corporation of Ohio. Filed Mar. 13, 1919. Serial No. 282,505. 4 Claims. (Cl. 195—20.)

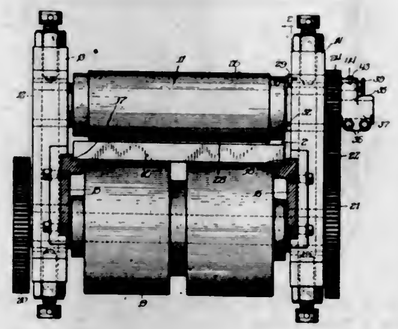
1. In the art of manufacturing yeast the steps which comprise preparing a yeast-nutrient solution consisting essentially of molasses, cereal material and yeast nourishing salts, producing an acid condition in the solution to a degree somewhat in excess of that preferable for yeast propagation, and introducing a compound containing yeast-assimilable inorganic nitrogen and having an alkaline reaction, in such amounts that both the degree of acidity is lowered and the amount of assimilable nitrogen is raised to that preferable for yeast propagation.

1,571,933. FOUNTAIN COMB. JAMES E. CUNNINGHAM, McKeesport, Pa., assignor of one-half to Charles F. McCoy, McKeesport, Pa. Filed Apr. 8, 1925. Serial No. 21,510. 4 Claims. (Cl. 132—13.)



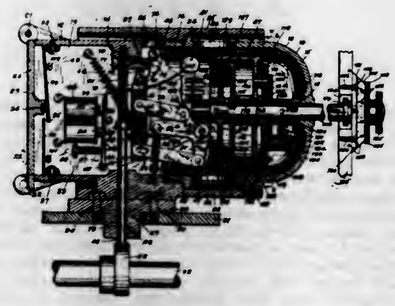
1. A fountain comb comprising a body provided with a pair of reservoirs and a passageway establishing communication between said reservoirs, said body having a filling opening communicating with one of said reservoirs and located between the end of the body and the said passageway, and a closure plug common to the said filling opening and the said passageway adapted to uncover said passageway while maintaining the filling opening closed.

1,571,934. ROLL CONTROL. SAMUEL ELDER, Washington, D. C., assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 27, 1923. Serial No. 659,495. 2 Claims. (Cl. 101—285.)



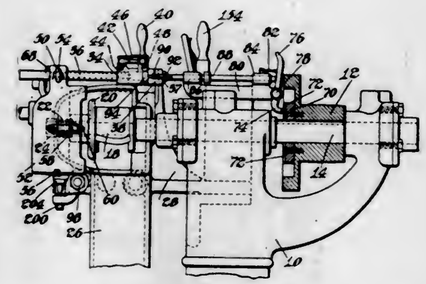
1. In a press, an impression roll, supports for said roll, a shaft for the roll, a driven gear loosely fitted on said shaft, means carried by the shaft adapted to operatively connect the gear to the shaft, and means adapted to engage the roll to lock it against rotation.

1,571,935. SAFETY DEVICE. AUGUST L. N. FLEMING, Lyndhurst, N. J., and WILLIAM T. CRISWELL, New York, N. Y. Filed Dec. 15, 1922. Serial No. 607,127. 39 Claims. (Cl. 177—314.)



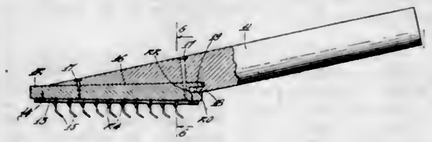
1. A safety device having an alarm, comprising an electric circuit leading to the alarm, means interposed in the circuit for sounding the alarm, operative means, circuit closing means operative by the operative means when operated for closing the circuit to operate the alarm sounding means, said closing means controllable according to different determined adjustments for being releasably locked against closing the circuit to prevent normally operating the alarm sounding means with the operation of the operative means and the closing means readjustable for being unlocked and operated by the operation of the operative means to close the circuit for operating the alarm sounding means, and permutation means operative for controlling the selective adjustments of the closing means.

1,571,936. ABRADING MACHINE. ALFRED B. FOWLER, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Nov. 22, 1920. Serial No. 425,755. 32 Claims. (Cl. 51—100.)



1. In a grinding machine, an abrading tool mounted for traversing movement along the work, and means including a templet actuated by the traversing movement of the tool for rocking the tool towards and from the work to impart a predetermined shape to the work.

1,571,937. CARD. WHITNEY M. FRYE, Wilton, N. H. Filed Nov. 16, 1923. Serial No. 675,223. 3 Claims. (Cl. 119—93.)



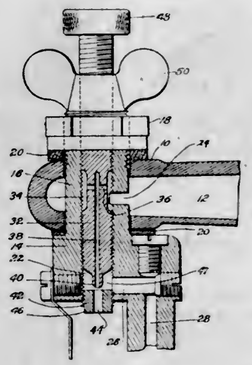
3. In a hand card, the combination with a back having an arcuate closed slot in one edge thereof, of a handle secured thereto extending substantially the whole distance thereacross, one end of said handle being sawed to provide an inclined surface for attachment to the back, and a tongue portion projecting in the direction of said inclined surface and extending into said slot, the sides of said tongue portion being parallel to said inclined surface.

1,571,938. PROCESS FOR THE PRESERVATION OF FRESH FRUITS AND VEGETABLES. HARRY R. FULTON and JOHN J. BOWMAN, Washington, D. C. Original application filed Sept. 14, 1925, Serial No. 56,415. Divided and this application filed Oct. 3, 1925. Serial No. 60,331. 2 Claims. (Cl. 99—1.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)

1. An improved process for preparing fresh fruits and vegetables for market, which comprises the application to the surface of such articles of an aqueous solution containing the sodium oxide radical and the boric acid radical in equal proportions and of such a strength as to effectively retard the growth and development of the organisms that cause stem-end rot, blue-mold rot, and other forms of decay.

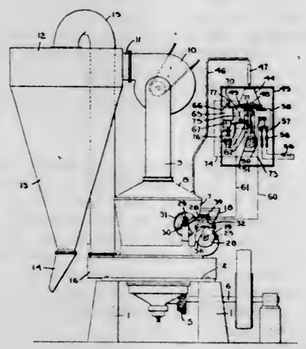
2. An improved process for preparing fresh fruits and vegetables for market which comprises the application to the surface of such articles of a solution containing approximately 5 parts by weight of borax and 1.39 parts by weight of anhydrous sodium carbonate in 100 parts by weight of water, to effectively retard the growth or development of the organisms causing stem-end rot, blue-mold rot, or other forms of decay.

1,571,939. APPARATUS FOR APPLYING LIQUIDS. FREDERICK M. FURBER, Revere, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Sept. 8, 1923. Serial No. 661,682. 9 Claims. (Cl. 91—45.)



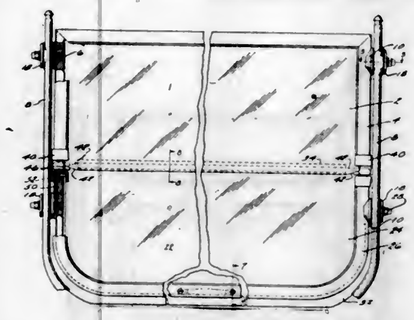
1. In an apparatus of the class described, a casing having a jet-opening and a liquid-inlet-opening, an air-nozzle delivering to the jet-opening, and means arranged to permit the relation of the jet-opening to the air-nozzle and to the liquid-inlet-opening to be varied.

1,571,940. AUTOMATIC FEED-REGULATING MECHANISM. PETER J. GAGNON, Jr., Lowell, Mass., assignor of one-third to Joseph L. Henderson and one-third to Albert J. Gagnon, both of Lowell, Mass. Filed Apr. 10, 1924. Serial No. 705,572. 15 Claims. (Cl. 83—44.)



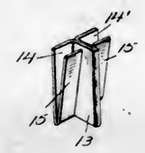
1. In a machine comprising a rotatable member and means for actuating the same including a ratchet and a co-operating pawl, a reciprocable pawl carrier, an electromagnet mounted on said pawl carrier for controlling the relation of said pawl to said ratchet, means for supplying an electric current to said electromagnet and means for controlling said current whereby said pawl may be caused to engage, or to be disengaged from, said ratchet.

1,571,941. WINDSHIELD. GEORGE E. GODDARD, Detroit, Mich., assignor, by mesne assignments, to Dodge Brothers, Inc., a Corporation of Maryland. Filed June 27, 1921. Serial No. 480,589. 6 Claims. (Cl. 296—84.)



1. A windshield for automobiles having, in combination, a frame having three sides, a glass mounted in the frame and having the corners at the ends of the free edge of the glass bevelled off at an angle to said edge, and a cap secured to the frame and having an inwardly extending projection engaging one of the bevels on the glass and having its edge at the end thereof in line with said edge of the glass.

1,571,942. BUCCO-LINGUAL DENTAL ATTACHMENT. AMSHEL GUERT-GRINBERG, New York, N. Y. Filed Aug. 28, 1923. Serial No. 659,796. 1 Claim. (Cl. 32—12.)

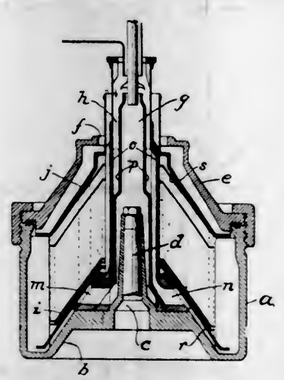


As an article of manufacture, a dental anchor comprising a blank of sheet material of rectangular formation and having a cutaway portion at one edge thereof to provide spaced resilient tongue members at one side of the transverse center of the blank, the opposite portion of the blank being bent upon itself on the longitudinal center thereof to provide a denture engaging tenon, the latter portion of the blank being further bent on lines parallel to and equidistantly spaced from the line of fold of the said tenon to provide opposite angularly disposed flanges, said resilient tongue members being bent backwardly upon said flanges and disposed in spaced inclined relation wtih respect thereto.

1,571,943. PROCESS OF SEPARATING WAX FROM MINERAL OIL DISTILLATES. SELDEN H. HALL, Poughkeepsie, N. Y., and CYRUS HOWARD HAPGOOD, Nutley, N. J., assignors to The De Laval Separator Company, New York, N. Y., a Corporation of New Jersey. Filed Sept. 8, 1921. Serial No. 499,325. 4 Claims. (Cl. 233—11.)

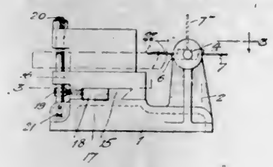
1. The process of separating wax from mineral oil wax distillates, after the wax distillate solution has been refrigerated to throw out of solution the wax in crystalline form, which comprises subjecting the mixture of oil and wax to centrifugal force, feeding water of a temperature sufficient to melt wax contacting therewith to the periphery of the mass of the mixture undergoing centrifugation,

thereby forming a surrounding envelope of water contacting with and adapted to melt the outer layer of wax, separately discharging the oil and the melted wax



and water, and heat insulating the inflowing water and the outflowing wax and water from the mixture of wax and oil.

1,571,944. APPARATUS FOR PRESETTING LATHE TOOLS AND THE LIKE. EDMUND F. HEARD, Elizabeth City County, and MAYO M. FITZ HUGH, Newport News, Va., assignors to Newport News Shipbuilding & Drydock Company, Newport News, Va., a Corporation of Virginia. Filed Nov. 10, 1924. Serial No. 748,944. 7 Claims. (Cl. 33—185.)



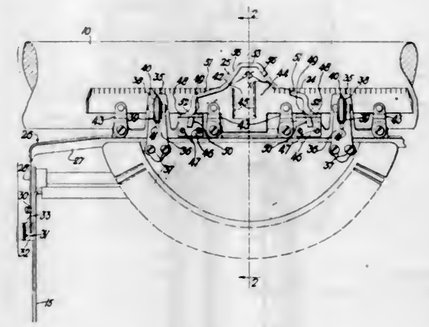
1. Apparatus for presetting tools for lathes and the like comprising centers similar to lathe centers, a gauge supported thereby and means for supporting a tool block in fixed relation with respect to said first mentioned centers and in a position corresponding to that of the tool block when on the lathe with respect to the lathe centers.

1,571,945. FOOD PRODUCT. HARRY M. HEIMERDINGER, Blackfoot, Idaho. Filed Oct. 21, 1925. Serial No. 63,863. 4 Claims. (Cl. 99—11.)

1. A food product consisting of the cooked and dried pulp portion of a farinaceous vegetable in very finely comminuted form, said product containing from about 5 to 8% of water and a high proportion of yeast-food substances.

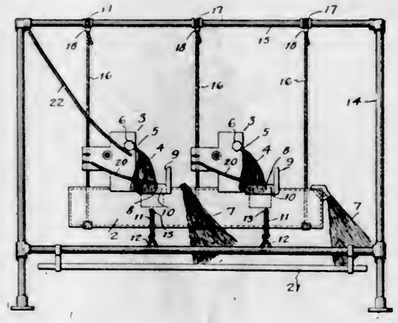
1,571,946. TYPEWRITING MACHINE. WILLIAM F. HELMOND, Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 8, 1923. Serial No. 673,454. 8 Claims. (Cl. 197—135.)

1. In a typewriting machine, a platen, and a device for flexing and holding a card to the platen, consisting of a spring bow and anchoring means therefor, the free ends of the bow being held in engagement with the anchoring means by reason of the distending force of the



bow, the latter having only the distal portion of the cross-reach thereof as the means for holding the card to the platen.

1,571,947. SWINGING HOBBYHORSE. HARRIETTE ENSLEY HODGSON, New York, N. Y. Filed Aug. 6, 1924. Serial No. 730,360. 2 Claims. (Cl. 155—62.)

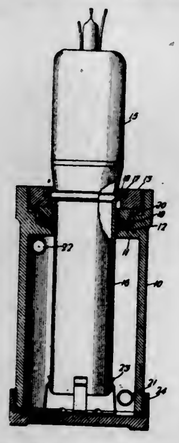


1. A swinging hobby-horse comprising an elongated barrel-like body having the effigy of an animal head rising therefrom, with means for suspending the body in a frame or from other overhead support, to swing lengthwise, a rope which passes upward from the body and forms part of the suspension means being engaged with the forward part of the animal head to prevent lateral tipping.

1,571,948. ELECTRON-DISCHARGE DEVICE. WILLIAM G. HOUSKEEPER, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 9, 1922. Serial No. 566,973. 5 Claims. (Cl. 250—27.)

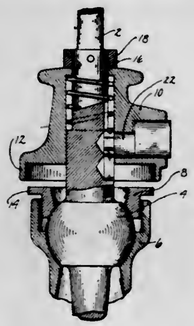
5. In combination, a vessel having an inwardly projecting flange, an electron discharge device arranged within said vessel, said device comprising a metallic cup-shaped anode having a flared end, an annular projection on said anode adjacent said flared end, a two part collar

having an inwardly projecting shoulder arranged between said projection and said flared end, a screw threaded connection between said vessel and said collar, a gasket



interposed between said collar and said flange, and means for circulating a cooling medium helically around said anode.

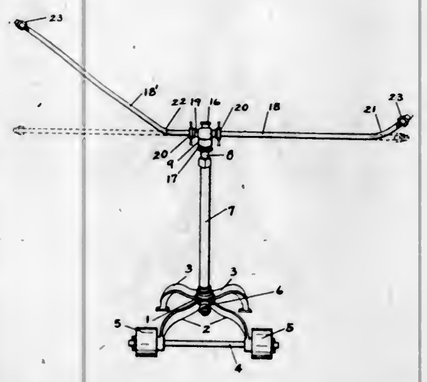
1,571,949. TRANSMISSION LOCK. RUSSELL HUFF, Detroit, Mich., assignor, by mesne assignments, to Dodge Brothers Inc., a Corporation of Maryland. Filed July 2, 1921. Serial No. 482,046. 2 Claims. (Cl. 70—128.)



1. A transmission lock construction having, in combination, a gear shifting lever mounted for universal movement, means movable longitudinally of the lever to hold and release the lever, and a lock for said means comprising a rotatable bolt having one transverse dimension greater than another, the lever being provided with a groove to receive the bolt varying in width at different points and arranged so that the bolt when in one angular position will pass longitudinally therethrough, and when in another angular position will be held from movement longitudinally of the groove.

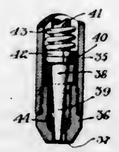
1,571,950. SPRINKLER. HERBERT S. HUMPHREY, Kalamazoo, Mich. Filed Sept. 14, 1922. Serial No. 588,179. 3 Claims. (Cl. 299—69.)

3. The combination of a base provided with a supply connection, an upright on said base provided with a hollow spindle at its upper end having a lateral discharge opening, a sprinkler head rotatable on said spindle and having a chamber embracing said discharge opening thereof and opposed arm nipples open to said chamber, a pair of arms provided with spray nozzles at their outer ends threaded into said nipples for rotative adjustment therein, the outer end of one of said arms being curved



laterally but being otherwise substantially straight, the other arm being angled adjacent its inner end but otherwise substantially straight, and lock nuts on said arms coacting with said arm nipples whereby the arms may be secured in their adjusted positions.

1,571,951. DUPLEX EYELETING MACHINE. GEORGE W. JACQUES, Stratford, Conn., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Aug. 26, 1920. Serial No. 406,054. 6 Claims. (Cl. 218—15.2.)

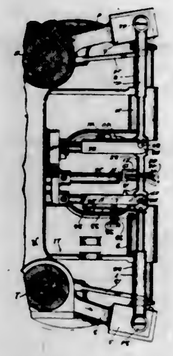


6. In combination, a sleeve, a set element made fast in one end of said sleeve and having a setting surface and a perforation centrally thereof merging with an annular recessed portion, and a punch having a punching element passing through said perforation and an enlarged head slidably mounted within said sleeve in position to impinge on the rear end of said set, said punch element being throughout of substantially smaller diameter than said recessed portion to form therewith an annular chamber of substantial width.

1,571,952. FASTENER-SETTING MACHINE. GEORGE W. JACQUES, Stratford, Conn., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Nov. 17, 1920. Serial No. 424,606. 13 Claims. (Cl. 218—15.2.)

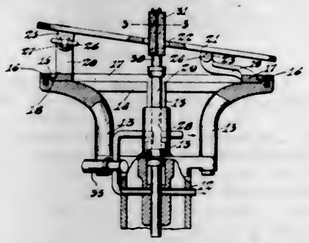
1. In an eyelet-setting machine, in combination, punch-and-set work-feeding mechanism, a presser-foot and a

work-support having lateral movements, means for causing said presser-foot and support to normally engage the



work during the feed thereof, and means actuable at will for maintaining said presser-foot retracted substantially from the work-support.

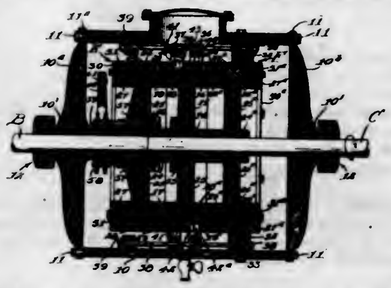
1,571,953. RECIPROCATING ABRADER. CUTLER D. KNOWLTON, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Feb. 12, 1920. Serial No. 358,054. 7 Claims. (Cl. 51—50.)



1. In a machine for grinding dies, an angular non-rotary grinder mounted to reciprocate in a straight path an adjustably inclined die support surrounding the grinder and being rotatably adjustable to bring different parts of a die into contact with different portions of the grinder, and a high speed pneumatic motor having direct connection with the grinder whereby it is adapted to reciprocate the grinder without shock at a linear velocity substantially approximating the effective speed of the periphery of a grinding wheel.

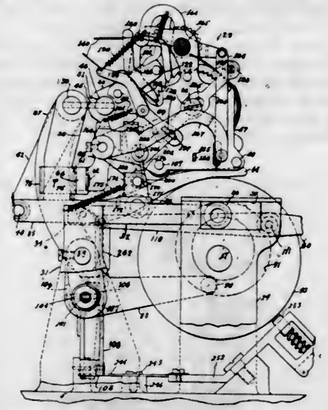
1,571,954. FLUID POWER TRANSMITTER. EDMUND B. LAMBERT, St. Paul, Minn. Filed Sept. 25, 1924. Serial No. 739,870. 9 Claims. (Cl. 60—53.)

8. In a device of the class described, three elements, viz; a driven rotor, a stator and a driving rotor, all having a common axis, the intermediate and one of the other elements forming a co-operating pair having an annularly shiftable fluid chamber between them, said intermediate and the other element comprising a second pair of cooperating elements having an annularly shiftable fluid chamber between the same, said intermediate element being formed with passageways affording communication between adjacent ends of said chambers, an adjustable filler member carried by one element of the first pair and adapted to alter the capacity of the fluid chamber between the elements of said pair, gates on one element of the first pair and gates on one element of the



second pair, said gates being arranged to respectively intercept the fluid chambers formed by said paired elements.

1,571,955. PAPER-SUPPORTING CARRIAGE AND GUIDING MEANS. WILLIAM W. LASKER, Brooklyn, N. Y., assignor, by mesne assignments, to Powers Accounting Machine Corporation, New York, N. Y., a Corporation of Delaware. Original application filed Mar. 28, 1917, Serial No. 158,142. Divided and this application filed Feb. 1, 1918, Serial No. 214,852. Renewed Feb. 27, 1924. 51 Claims. (Cl. 101—94.)



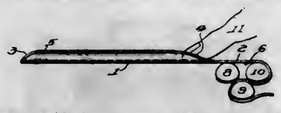
1. In apparatus for testing cocks and the like for combination of a carriage support; a paper support slidable and swingable on said carriage support and adapted to be moved into and out of locking engagement therewith.

22. In an apparatus of the character described, the combination with printing means of a rotatable shaft; paper engaging means on said shaft; a paper backing means; carried on said shaft for spacing the engaging means; means for holding said shaft and the parts thereon in frictional engagement during printing; means for supporting said shaft; and means cooperating with the backing means and said supporting means for effecting printing.

1,571,956. SURGICAL INSTRUMENT. JOHN H. MOLINELLI, West Pittston, Pa. Filed Mar. 10, 1925. Serial No. 14,357. 6 Claims. (Cl. 128—361.)

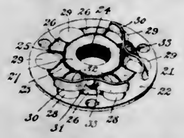
1. An obstetrical instrument made entirely of thin flexible non-resilient sheet metal and comprising an elongated nearly flat operating portion readily manually

bent and shaped transversely into an arcuate or cylindrical form, and a normally flat handle freely bendable to conform to the shape, size and position of the fingers



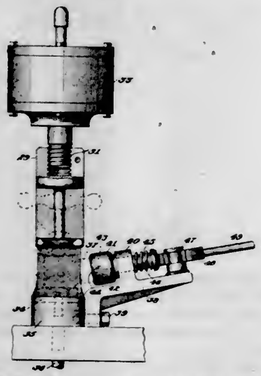
of any user, said instrument being provided with a continuous smooth rounded dull marginal edge free from corners or sharp angles.

1,571,957. COMBINED FIXTURE SUPPORT AND LOOM FASTENER. EDWARD W. MOON, Youngstown, N. Y. Filed Apr. 21, 1924. Serial No. 707,882. 7 Claims. (Cl. 240—85.)



1. A light-fixture support comprising a crow foot having a flange, an axial socket and a wall surrounding said socket and connecting the outer end thereof with said flange, said flange having a loom opening therein, and a clamp secured to said surrounding wall and adapted to securely fasten a length of loom passed through said loom opening.

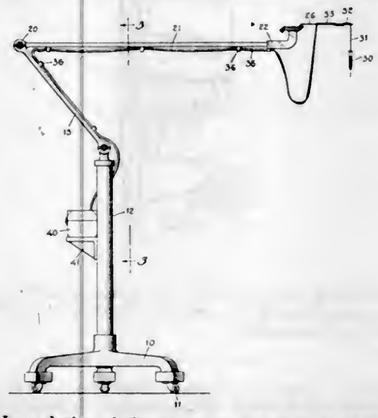
1,571,958. AIR-OPERATED TESTING DEVICE. ROBERT H. MUELLER and CHESTER W. HATHAWAY, Decatur, IH., assignors to Adolph Mueller, trustee, Decatur, Ill. Filed Nov. 3, 1921. Serial No. 512,696. 28 Claims (Cl. 73—51.)



1. In apparatus for testing cocks and the like for porosity and key leakage, the combination of a base to receive a cock nipple and having an inlet for fluid pressure, a movable pressure head to engage the other nipple of the cock and having a fluid-pressure outlet passage providing circulation through said inlet, cock and outlet, and means for opening and closing said outlet passage.

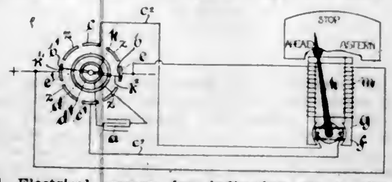
28. In a testing apparatus, the combination of a base to receive a cock nipple and having an inlet for fluid pressure, a movable pressure head to engage the other nipple of the cock and having a fluid pressure outlet passage, a casing, a piston in said casing, a thrust rod coupling said piston and movable head, fluid pressure connections on one side of said casing to actuate said piston, and a spring on the other side of said piston automatically to move said piston in the opposite direction upon release of fluid pressure.

1,571,959. SURGICAL-INSTRUMENT SUPPORT. ADELE MULLIGAN, New York, N. Y. Filed July 12, 1923. Serial No. 651,004. 4 Claims. (Cl. 174—89.)



1. In a device of the character described, a pedestal, an arm carried by said pedestal, a rail supported by and in transverse relation to said arm and a plurality of independent instrument carriers slidable on said rail, each provided with depending members to clasp the rail and prevent angular displacement of said carriers thereon.

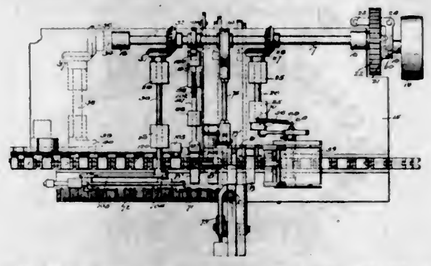
1,571,960. ELECTRICAL MEANS FOR INDICATING AT A DISTANCE THE MOTION OF AN APPARATUS. JOHN CUTHBERT NEEDHAM, Chiswick, London, England, assignor to himself and Evershed & Vignoles, Limited, Chiswick, London, England, a Company of Great Britain and Ireland. Filed Nov. 17, 1920. Serial No. 424,576. 3 Claims. (Cl. 177—337.)



1. Electrical means for indicating at a distance whether a mechanism is in motion and if so in which of two directions, comprising, in combination, a source of continuous electric current, an electrical condenser, a polarized indicator and commutating means operated by the mechanism under observation for alternately connecting said condenser with said source to charge said condenser in a direction dependent upon the direction of rotation of said commutator and connecting said condenser with said indicator so that said condenser can discharge through said indicator.

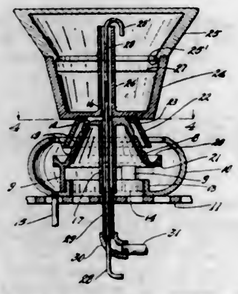
1,571,961. MATCH-MAKING MACHINE. THOMAS A. NEVINS, New York, N. Y., assignor, by mesne assignments, to Hercules Match Corporation, New York, N. Y., a Corporation of New York. Filed Nov. 28, 1922. Serial No. 603,865. 6 Claims. (Cl. 98—7.)

1. In a match-making machine of the type for making book matches, a folding mechanism for closing the book before the stapling operation takes place, said means comprising a rocking shaft and a hooked member carried thereon and adapted to fold the larger flap of



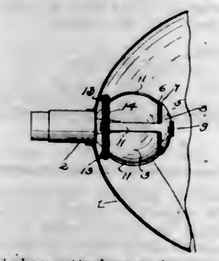
the match book over into position above the matches in the book, and a reciprocating member for folding the smaller flap to position overlying said larger flap.

1,571,962. LIQUID-FUEL BURNER. WILLIAM H. OVERTON, Chicago, Ill. Filed Oct. 20, 1924. Serial No. 744,530. 8 Claims. (Cl. 158—92.)



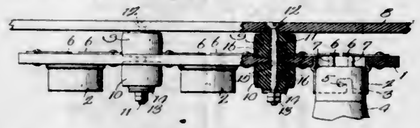
8. An apparatus comprising a liquid fuel burner; an appliance mounted on said burner and comprising a container including a lower body part and an upper cover part seated thereon to be moved upwards therefrom, a fuel supply tube on said burner, a tube formed integral with said lower part and extending upwardly in said container, and a water supplying tube extending through the tube on said burner and through the tube on said lower part for supplying water into said container to be converted into steam therein, said tube on said lower part providing a conduit for feeding steam from said container to said burner.

1,571,963. ANTIGLARE ATTACHMENT. PATRICK W. PADDEN, Toledo, Ohio. Filed Aug. 28, 1925. Serial No. 53,177. 2 Claims. (Cl. 240—48.6.)



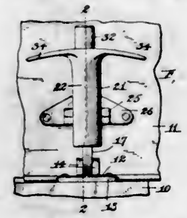
1. An anti-glare attachment for motor vehicle head lamps comprising a pair of shields, each of said shields being formed to include a body portion and a plurality of lamp bulb embracing ribs, and a pivotal connection between the body portions of said shields permitting of relative adjustment of said ribs about the longitudinal axis of the lamp bulb upon which the shields are applied.

1,571,964. MOUNTING FOR THERMIONIC VALVES. HUGO PERLESZ, Chicago, Ill., assignor, by mesne assignments, to Zenith Radio Corporation, a Corporation of Illinois. Filed July 23, 1924. Serial No. 727,686. 1 Claim. (Cl. 248—30.)



The combination with a mounting plate; of a support for said plate; bolts carried by said support and passing through holes formed in the mounting plate substantially midway between the sides of the plates, these holes being larger than said bolts and affording clearance between said bolts and mounting plate, said mounting plate also being formed with recessed seats on both sides thereof at and around each of said holes, the side walls of each of said recesses being endless; cushions disposed between said support and the adjacent side of said mounting plate and snugly received in the seats upon this side of said mounting plate; and other cushions snugly received in the seats upon the other side of said mounting plate and aligned respectively with the cushions upon the first side of the mounting plate, said bolts passing snugly through the aligned cushions and clamping the same and the mounting plate therebetween in assembly with said support, said cushions positioning said bolts clear of the mounting plate whereby a direct compressive force will be exerted on at least one of the cushions upon movement of the mounting plate in any direction relative to the support.

1,571,965. AUTOMOBILE HOOD FASTENER. WILLIAM F. POLSON, Buffalo, N. Y. Filed Mar. 9, 1923. Serial No. 623,872. 7 Claims. (Cl. 292—109.)

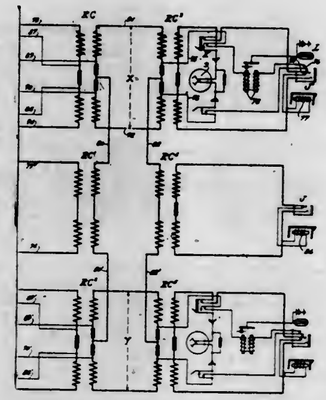


1. In an automobile hood fastener, a barrel having means for engagement with a hood, a screw bolt entering one end of said barrel, a spring withing said barrel surrounding said screw bolt and bearing with one end against a fixed part of said barrel, a washer on said screw bolt capable of movement lengthwise thereon but held against rotation, and an adjusting nut threaded onto said screw bolt, said washer bearing against the opposite end of said spring, said washer and adjusting nut having interlocking parts.

1,571,966. TELEPHONE TRUNK CIRCUIT. ARTHUR J. RAY, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Sept. 7, 1923. Serial No. 661,366. 13 Claims. (Cl. 179—27.)

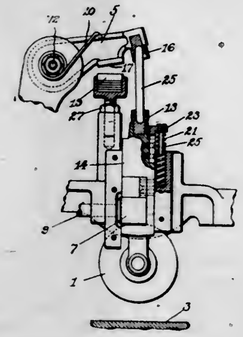
1. In a telephone system a trunk line interconnecting two exchanges, a switch controlling relay responsive to

interruptions in a closed direct current circuit including both conductors of said trunk line in series, a second



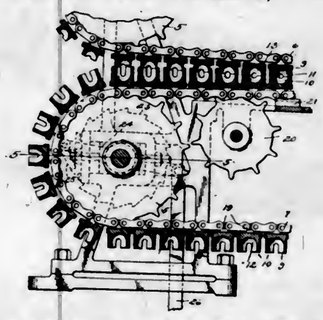
trunk line identical to the first, and a phantom trunk line superimposed on the conductors of both of said trunk lines.

1,571,967. STAMPING MECHANISM FOR EVENING AND GRADING MACHINES. WILLIAM THOMAS BUCKINGHAM ROBERTS and FRED RICKS, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed May 14, 1924. Serial No. 713,227. 7 Claims. (Cl. 101—18.)



1. In a machine of the class described, a stamping member, a driver therefor, a spring adapted to urge the driver in a direction to impart stamping movement to the stamping member, means for normally holding the stamping member in raised position against the force of the driver spring, said means being adapted to be moved to release the stamping member, and thereby permit the driver to impart a stamping stroke to the stamping member, and a stop for arresting the movement of the driver before the stamping member completes its stroke.

1,571,968. CIGAR-MAKING MACHINERY. HARRY L. ROBY, Barnesville, Ohio. Filed Nov. 13, 1924. Serial No. 749,626. 10 Claims. (Cl. 131—9.)



1. In a cigar molding machine, spaced upper and lower sets of endless carriers, mold sections mounted for travel in unison with said carriers, and means for imparting power to said carriers.

1,571,969. COMBINED IRRIGATING AND FROST-PROTECTING SYSTEM. CHARLES C. RUPRECHT, Orlando, Fla. Filed Mar. 5, 1923. Serial No. 623,005. 6 Claims. (Cl. 126—59.5.)

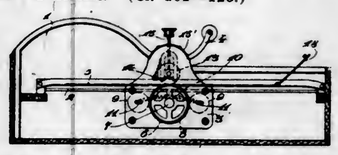


1. In a system or apparatus of the character set forth, the combination of a pump, a pipe communicating with the inlet side thereof, a pipe extending from the delivery side thereof and provided with a plurality of branch pipes each having a valve therein, said branch pipes having means for securing either burners or spray nozzles thereto, means for supplying water and means for supplying fluid fuel to the first-mentioned pipe, and a by-pass connection between the first and second pipes, said connection having a valve therein adapted to permit circulation from the second pipe to the first pipe upon the development of a predetermined pressure.

1,571,970. FERTILIZER. HOWARD SANDERSON, Baldwin, N. Y., assignor to Emanuel David, New York, N. Y. Filed Jan. 24, 1924. Serial No. 688,291. 2 Claims. (Cl. 71—6.)

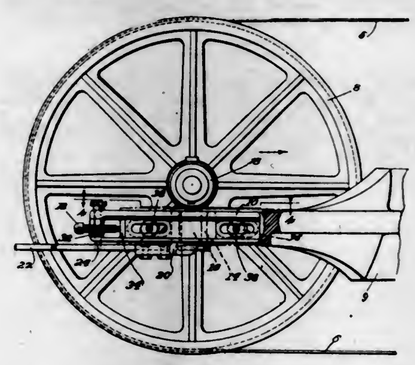
1. A fertilizer embodying the shells of cacao beans in comminuted form.

1,571,971. DUPLICATING MACHINE. ILJA SCHEINKER, Vienna, Austria. Filed Mar. 6, 1925. Serial No. 13,506. 4 Claims. (Cl. 101—126.)



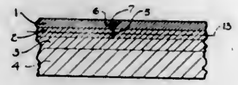
1. In a duplicating machine, the combination of a frame adapted to support a matrix or stencil, inking mechanism including an inking roller rotatable below said matrix, a pressure roller above the matrix or stencil in vertical axial alinement with said inking roller, and means for adjusting the pressure of the pressure roller against the inking roller.

1,571,972. TENSIONING DEVICE FOR ENDLESS-BELT MEMBERS. GUSTAV ADOLF SCHETTLER, Leeds, England, assignor to The Turner Tanning Machinery Company, Peabody, Mass., a Corporation of Maine. Filed Nov. 20, 1923. Serial No. 675,946. 10 Claims. (Cl. 308—14.)



4. In a mechanism of the class described, an endless belt, a roller for supporting the belt, a member upon which the roller is mounted, said roller having a supporting bearing mounted in said member, and a rotatable eccentric member for moving the supporting bearing in directions to slacken or to tighten the belt.

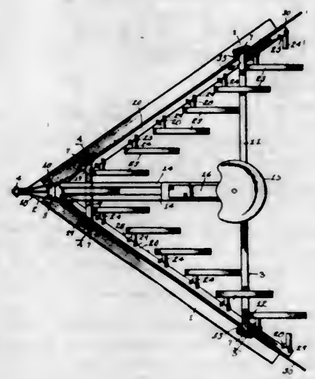
1,571,973. LEATHER BELT AND PROCESS OF PRODUCING SAME. HOMER J. SHIVELL and KARL W. KOERNIGER, Kingsport, Tenn., assignors to Grant Leather Corporation, a Corporation of Virginia. Filed Dec. 3, 1920. Serial No. 428,160. 4 Claims. (Cl. 149—6.)



1. The process of manufacturing leather for power transmission belts and the like, which comprises removing the epidermis, the grain and a portion of the "real skin" of the leather, thereby removing that part of the leather containing the enlargements of the pores and leaving the upper surface smooth, and impregnating the remaining portion of the leather with an oily lubricant, and filling up the pores in the "real skin" with a finely divided filler which has a considerably higher melting point than said lubricant, and which is of such a character as permanently to fill said pores.

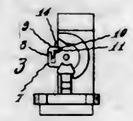
1,571,974. COMBINED HARROW AND FLOAT OR CLOD CRUSHER. PHILIP W. SIMONS, JOHN H. PURNELL, and HARRY L. CARR, Hastings, Mich.; said Purnell and said Carr assignors to said Simons. Filed Apr. 7, 1924. Serial No. 704,637. 10 Claims. (Cl. 55—23.)

1. In a structure of the class described, the combination of a shoe terminating in a standard at its front end, a pair of inwardly inclined rearwardly diverging float members secured to said shoe, uprights carried by said float members, front and rear cross bars connecting said uprights, longitudinal frame bars mounted on said cross bars, draw bars connected to the front cross bar, to the front ends of said longitudinal bars and to said standard, tooth bars having teeth mounted thereon, hangers for said tooth bars slidably mounted on said uprights, hanger bars slidably engaged with said hangers, supporting links pivotally mounted on said



float members and pivotally connected to said hanger bar, and means for securing said hanger bars in their adjusted positions.

1,571,975. FIREARM. CARL GUSTAF SWEBILIUS, New Haven, Conn., assignor, by mesne assignments, to The Marlin Firearms Corporation, New Haven, Conn., a Corporation of Delaware. Filed May 29, 1920, Serial No. 385,210. Renewed Nov. 17, 1925. 9 Claims. (Cl. 42—25.)



6. In a firearm, a breech bolt having a groove, an ejector lying in said groove, said groove having a socket in one side wall, a lug on said ejector arranged in said socket, and a spring pressed stud overlying the opposite end of said ejector.

9. In a firearm, a breech bolt having a groove, an ejector slidably mounted in said groove and a spring pressed stud overlying said ejector.

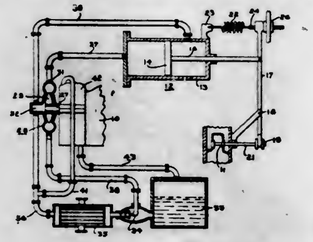
1,571,976. PROCESS OF MAKING TRANSPARENT PAPER. CHARLES E. SWETT, West Roxbury, Mass., assignor to United States Envelope Company, Springfield, Mass., a Corporation of Maine. Filed Aug. 11, 1924. Serial No. 731,526. 3 Claims. (Cl. 91—68.)

1. The treatment of glassine paper with a nonaqueous solution of tannic acid.

1,571,977. FLUID-PRESSURE GOVERNOR. HENRY R. TROTTER, Swarthmore, and HENRY F. SCHMIDT, Lansdowne, Pa., assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 28, 1924. Serial No. 702,498. 7 Claims. (Cl. 264—14.)

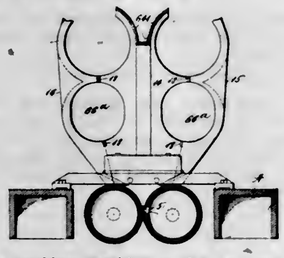
1. In a fluid pressure governing system, the combination of a fluid motor embodying a pressure responsive element, a rotating shaft, a centrifugal pump

driven by the shaft for delivering fluid under pressure to the motor, means for supplying the pump with fluid under pressure, and means for delivering a counter-



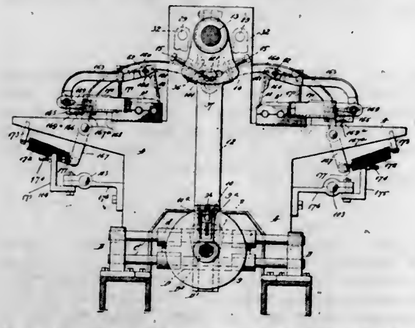
acting pressure of fluid to the pressure responsive element for off-setting the effects of variations in supply pressure to the pump on the operation of the motor.

1,571,978. WASTE-DELIVERY MEANS. HARRY TUNSTALL, Fairhaven, Mass., assignor to Alsatian Machine Works, Limited, Boston, Mass., a Corporation of Massachusetts. Filed Nov. 14, 1923. Serial No. 674,710. 4 Claims. (Cl. 19—116.)



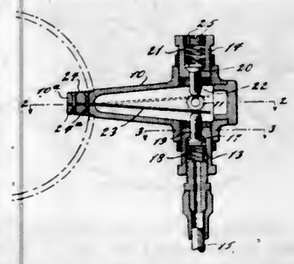
4. In a combing machine a fan, a pair of drums located side by side, each drum comprising an outer perforated rotatable member and an inner cylindrical stationary member having openings located to cooperate with said fan in providing suction through said drums and means for rotating said outer members towards each other.

1,571,979. SLIDING-BAR TOP-COMB FRAME. HARRY TUNSTALL, Fairhaven, Mass., assignor to Alsatian Machine Works, Limited, Boston, Mass., a Corporation of Massachusetts. Filed Nov. 14, 1923. Serial No. 674,711. 8 Claims. (Cl. 19—118.)



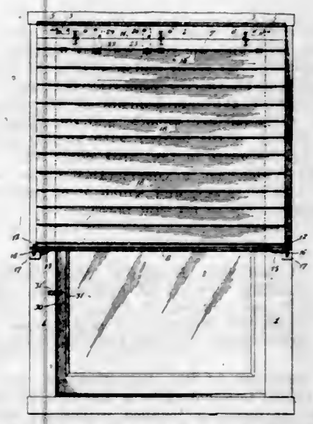
4. In a combing machine of the kind described, a top comb frame, an oscillating shaft, a link connected thereto to be operated thereby, a slinding member and ways therefor, said sliding member being connected to said link whereby it will be given a horizontal reciprocation, a second shaft, connections between said sliding member and said second shaft whereby said second shaft will be operated and connections between said top comb frame and said second shaft comprising a second sliding member and rectilinear ways whereby said second sliding member may be moved horizontally and give to said top comb farme a horizontal movement.

1,571,980. GASOLINE ENGINE. WILLARD I. TWOMBLEY, New York, N. Y., assignor, by mesne assignments, to The Wilcolator Company, Newark, N. J., a Corporation of Delaware. Filed June 6, 1922. Serial No. 566,423. 4 Claims. (Cl. 123—124.)



1. A control device for internal combustion engines having exhaust and intake manifolds, which comprises a casing disposed adjacent the exhaust manifold and having a fuel inlet and an air inlet, a valve controlling each inlet, these valves having stems lying in opposed relation, an outlet from the casing connected to the intake manifold of the engine, and a thermostatic element in the casing affected by the temperature in the exhaust manifold and having a movable end lying between the valves and operable to open either valve without affecting the other.

1,571,981. DEVICE FOR AFFORDING PROTECTION AGAINST THE ELEMENTS. GEORGE I. VAIL, Cleveland, Ohio. Filed Oct. 19, 1922. Serial No. 595,482. 6 Claims. (Cl. 156—43.)



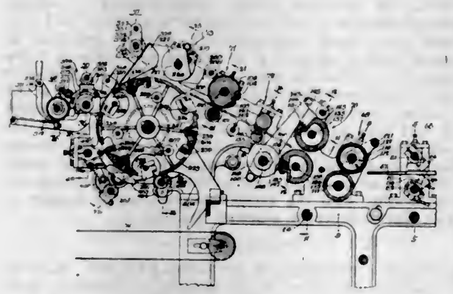
1. In a device for affording protection against the elements, the combination of a window-frame; a transverse supporting bar positioned transversely of and against the outside of said frame; two clips each provided with a notch intersecting its lower edge, secured to and projecting from the rear surface of said bar; two

pins projecting from the lateral faces of the jambs of said window-frame, said clip-notches adapted to engage said pins; a frame hinged at its upper end to said transverse bar; oscillatory vanes mounted upon said hinged frame and means for oscillating same; and means for holding said hinged frame in an inclined position with reference to said window-frame.

1,571,982. PURIFICATION OF HYDROCYANIC ACID. MARK WALKER, Los Angeles, Calif., assignor to The Pacific R. & H. Chemical Corporation, El Monte, Calif., a Corporation of California. Filed Oct. 26, 1925. Serial No. 65,037. 5 Claims. (Cl. 23—151.)

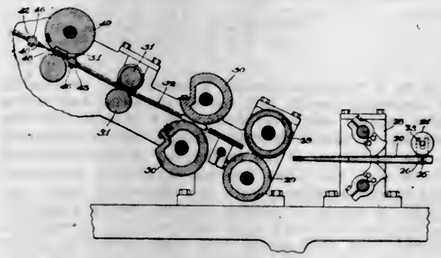
1. The process of purifying liquid hydrocyanic acid containing hydrogen sulphide consisting in reacting the hydrogen sulphide with sulphur dioxide.

1,571,983. PAPER-BAG MACHINE. HERMAN G. WEBER, Marinette, Wis., assignor of one-half to American Lakes Paper Company, Chicago, Ill., a Corporation of Delaware. Filed Oct. 24, 1923. Serial No. 670,433. 73 Claims. (Cl. 93—21.)



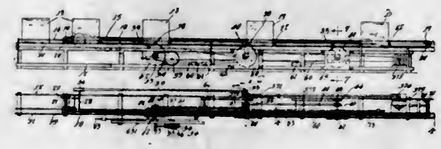
1. In a machine of the class described, the combination with mechanism for advancing a paper tube, of means for forming a lip in the tube during the advance thereof including a cutter having its operating portion normally moving at a different speed than said tube and adapted to automatically conform to the speed of the tube while in engagement therewith.

1,571,984. PAPER-BAG MACHINE. HERMAN G. WEBER, Appleton, Wis., assignor of one-half to American Lakes Paper Company, Chicago, Ill., a Corporation of Delaware. Filed Feb. 2, 1925. Serial No. 6,166. 13 Claims. (Cl. 93—20.)



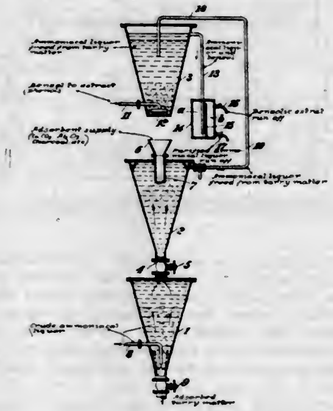
1. In a machine for making paper bags, the combination with a tube former adapted to have a strip of paper folded thereover with the edges overlapping to form a seam, of means for advancing the folded strip longitudinally of said former, and means for closing said seam comprising co-operating pressure rolls acting on opposite faces of said seam and rotated by frictional pull of the latter.

1,571,985. MACHINE FOR GRINDING GLASS PLATES. KARL A. WEBER, Los Angeles, Calif. Filed Mar. 18, 1924. Serial No. 700,035. 9 Claims. (Cl. 51—76.)



1. A machine for grinding an edge of a glass plate comprising a line of support upon which the glass may be stood on edge in a substantially vertical position, means for guidingly maintaining it in such position, and grinding means moving in the line of feed of the glass and located substantially on a level with said line of support and onto which the glass moves and by which it is supported on edge while being ground.

1,571,986. PROCESS FOR THE PURIFICATION OF CRUDE AMMONIACAL LIQUORS. ANTON WEINDEL, Essen-Ruhr, Germany, assignor to Zeche Mathias Stinnes, Essen-Ruhr, Germany. Filed July 23, 1924. Serial No. 727,747. 3 Claims. (Cl. 23—196.)

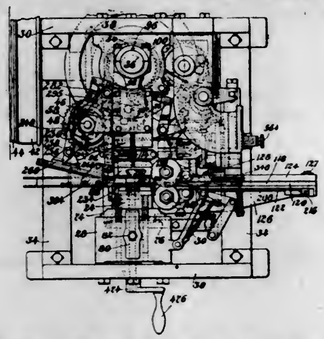


1. A process for the purification of crude ammonical liquor, consisting in subjecting the liquor to a two-stage treatment comprising the steps of initially allowing a solid adsorbent to act for some time to adsorb the finely divided particles of tar and, after removing the adsorbed mass, of extracting the pre-purified liquor with a solvent for recovering the phenols in solution.

1,571,987. MACHINE FOR OPERATING UPON STOCK. ERASTUS E. WINKLEY, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Sept. 15, 1920, Serial No. 410,443. Renewed June 23, 1925. 62 Claims. (Cl. 164—22.)

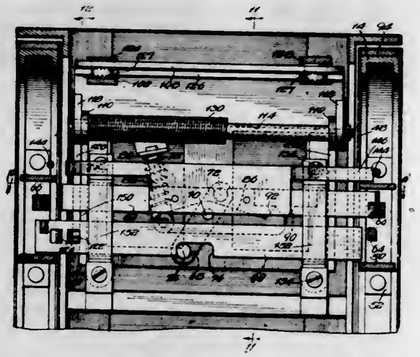
1. A machine of the character described having, in combination, initially idle means for operating on

stock, feed mechanism for advancing the stock to the operating means, and means arranged to be engaged



by an end face of the stock as it is advanced for controlling the action of the operative means.

1,571,988. SERVICE CABINET. ARTHUR H. WOODWARD, Chicago, Ill., assignor to International Register Co., Chicago, Ill., a Corporation of Illinois. Filed July 2, 1923. Serial No. 648,886. 35 Claims. (Cl. 232—1.)



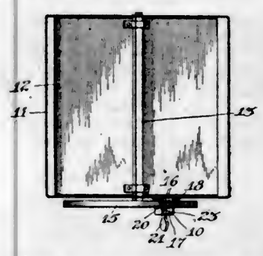
2. In combination, a compartment having a plurality of openings permitting access to the interior thereof, doors for closing said openings, locking means for each of said doors, detent means adjacent the door hinges for engaging said locking means one at a time to prevent the opening of the corresponding door, said detent means always retaining one of said doors closed, and signal means for each one of said doors, said signal means operated by said detent means to indicate which of the doors may be unlocked.

1,571,989. AEROFOIL. PAUL G. ZIMMERMANN, Keyport, N. J., assignor to Aeromarine Plane & Motor Company, New York, N. Y., a Corporation of New York. Filed May 29, 1922. Serial No. 564,281. 5 Claims. (Cl. 244—12.)



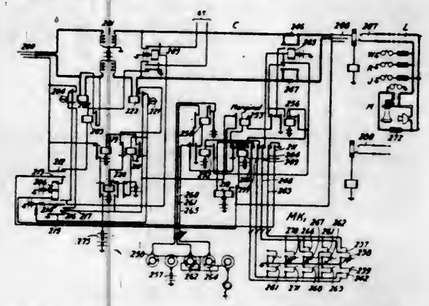
1. An aerofoil, the upper cambered surface of which rises from the forward region with a decreasing slope rearward to a point in advance of the region of maximum camber, and within about the first 20% of the chord at which point a longitudinally extending break or dip in the curve occurs, from which the surface rises again in a second slope rearward toward the point of maximum camber.

1,571,990. LOCK FOR DAMPER REGULATORS. JOSEPH ALSFASSER, Chicago, Ill. Filed Sept. 12, 1923. Serial No. 662,192. 1 Claim. (Cl. 26—295.)



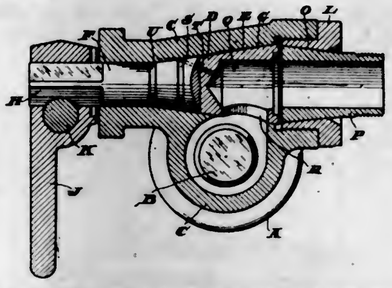
A bracket having a body portion consisting of parallel separated connected walls, the ends of both walls terminating in apertured lateral walls adapted to receive means whereby it may be secured in position, said parallel walls being provided with aligned apertures in which a lever secured to a damper may operate, there being an aperture in said body portion, the axis thereof being transverse to said first mentioned apertures, a nut confined between and contacting with the parallel walls of said body portion, and a screw arranged in said last mentioned aperture and being in threaded engagement with the nut confined between said walls, said screw which is arranged in said aperture providing means for co-operating with the member secured to the damper to hold said member in adjusted position.

1,571,991. TELEPHONE RINGING SYSTEM. RAND S. BAILEY, Montclair, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Feb. 9, 1925. Serial No. 7,972. 3 Claims. (Cl. 179—44.)



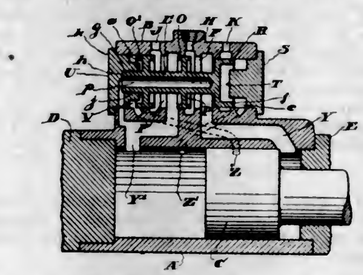
1. In a telephone system, a called line, a plurality of connecting circuits each having answering and calling ends, ringing equipment including a plurality of keys common to said connecting circuits, means responsive to the connection of the calling end of said connecting circuit with the called line for operatively associating said ringing equipment with the connecting circuit employed, a source of ringing current, means responsive to the actuation of one of said keys for transmitting current from said source over said connecting circuit and disconnecting said common ringing equipment from said connecting circuit, and means responsive to the actuation of another of said keys for disconnecting said common ringing equipment from said line and preventing the transmission of current from said source.

1,571,992. THROTTLE VALVE. LEWIS C. BAYLES, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed July 9, 1923. Serial No. 650,352. 2 Claims. (Cl. 251—98.)



1. A throttle valve comprising a one piece plug having a tapered bearing portion and a straight bearing portion, a recess extending partly through the plug, a port for permitting the passage of pressure fluid from the recess, a circumferential groove formed on the tapered portion of the plug between the ends of said tapered portion, and a passage through the plug for admitting pressure fluid from the recess to the groove, thereby reducing the holding pressure against the plug to prevent any lubricant existing between the plug and its seat from being forced out from therebetween.

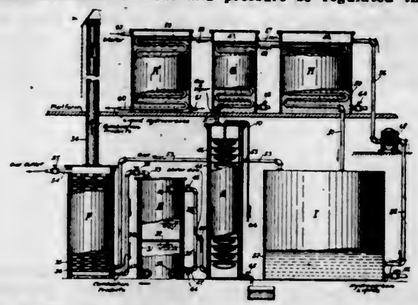
1,571,993. VALVE FOR ROCK DRILLS. LEWIS C. BAYLES, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Original application filed Oct. 16, 1922, Serial No. 594,728. Divided and this application filed Jan. 15, 1925. Serial No. 2,553. 3 Claims. (Cl. 121—28.)



1. In a rock drill, the combination of a cylinder, a piston within the cylinder, a valve chest having a valve chamber and an inlet port communicating with the valve chamber, exhaust ports connecting the valve chamber with the atmosphere, and a valve within the chamber to control the ports, said valve having a central head with a holding face, an end head of the same diameter with separate holding and actuating faces and another end head of smaller diameter with an actuating face to enable pressure fluid acting against the last said actuating face to overcome pressure fluid acting against the holding face of the other end head.

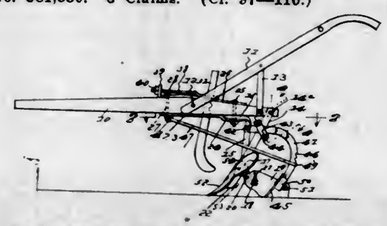
1,571,994. PROCESS FOR THE CONSTRUCTIVE CONVERSION OF HYDROCARBONS. HAROLD R. BERRY, Brooklyn, N. Y. Filed Sept. 18, 1922. Serial No. 588,848. 13 Claims. (Cl. 196—62.)

1. A process for the constructive conversion of liquid hydrocarbons of higher boiling points, into liquid hydrocarbons of lower boiling points, simultaneously with the adding of carbon in chemical union with hydrogen to hydrogen-containing gas, which consists in introducing into a confined space hot hydrogen-containing gas, and liquid hydrocarbons, and causing the same to counterflow in intimate contact, so that the liquid hydrocarbons constantly enter increasing temperature, and the hydrogen-containing gas constantly enters reduced temperature, with conditions of heat and pressure so regulated that



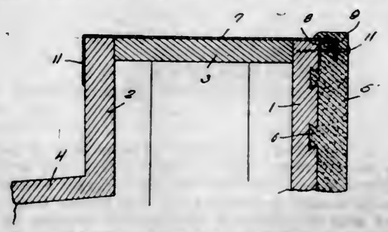
part of the hydrogen-containing gas combines with the liquid hydrocarbon, and part of the liquid hydrocarbon combines with the hydrogen-containing gas, thus decreasing the gravity of the liquid hydrocarbon, and increasing the gravity of the hydrogen-containing gas, and so conditioning the operation that substantially the entire liquid and gaseous materials are withdrawn as a heavier gas and a lighter liquid.

1,571,995. CONVERTIBLE PLOW FRAME. FRANK W. BOMAN, Moro, Ark. Filed Aug. 12, 1922. Serial No. 581,530. 8 Claims. (Cl. 97—110.)



1. An implement of the character described including a beam having rearwardly directed handle bars, a plow stock operatively pivoted to the beam extending downward therefrom, a brace adjustably engaged with the beam forward of the stock for forward and rearward adjustment and extending downward across the stock to a point rearward of the same and being pivoted to the stock, a rudder pivoted upon the lower end of said brace rearward of the stock for vertical movement, and means for holding the rudder in vertically adjusted position.

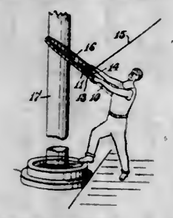
1,571,996. CAPPING FOR STUCCO WALLS. LEO IGNATIOUS BRADDOCK, New Smyrna, Fla. Filed May 18, 1925. Serial No. 31,101. 5 Claims. (Cl. 72—88.)



1. In combination, a parapet wall including a lath structure and a top, a plate disposed over the top and having an inverted U-shaped extension on its end de-

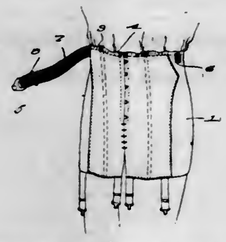
pending in front of the lath structure, and stucco applied to the lath structure to extend in and about the extension and over the adjacent portion of the plate.

1,571,997. TAKE-DOWN SLING. WALTER E. BUZAY, Wichita Falls, Tex. Filed Apr. 7, 1925. Serial No. 21,321. 2 Claims. (Cl. 214—3.1.)



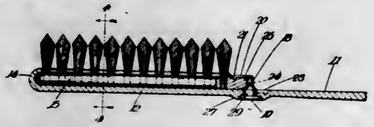
1. A take down sling comprising a cylinder embracing portion, a pair of laterally spaced outwardly extending arms, and means for attachment to a hoisting cable, substantially as described.

1,571,998. CORSET CONFINER. EFFIE S. COLEMAN, Birmingham, Ala. Filed July 2, 1925. Serial No. 41,121. 1 Claim. (Cl. 2—26.)



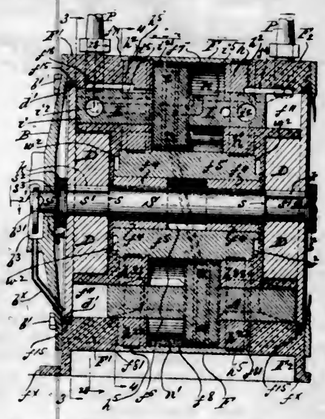
A corset confiner of the class described comprising an elastic band secured at one end to one side portion of a corset adjacent the upper edge thereof, said band adapted to extend across the front of the corset adjacent the upper edge, an eye secured to the opposite side portion of the corset adjacent the upper edge thereof, a hook carried by the free end of the band and adapted for detachable engagement with said eye, means for adjusting the length of said elastic band, and a series of hooks secured to the front of the corset and adapted to extend over the upper edge of the corset and the upper edge of the elastic band for preventing the upper movement of the latter.

1,571,999. TOOTHBRUSH. LEMUEL MORGAN DAVIS, London, England. Filed Nov. 29, 1924. Serial No. 752,851. 5 Claims. (Cl. 15—176.)



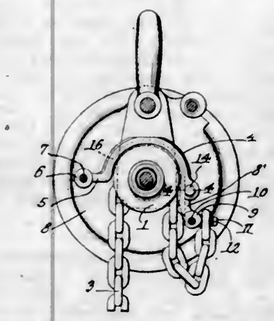
1. A tooth-brush comprising a brush-head, a handle separable therefrom and provided at one end with inturned side and end walls forming a socket adapted to slidably receive the brush-head, said handle being provided with a perforation adjacent the entrance to the socket, and a latch in said perforation, said latch comprising a stud adapted both to turn and to slide in the perforation, a head on the rear end of said stud adapted to engage the handle from the rear, and a spring-arm projecting radially from the front end of the stud and adapted to engage a depression on the front surface of the brush-head.

1,572,000. ROTARY ENGINE. JOSEPH DEUBEL, Clifton, N. J. Filed Apr. 4, 1921. Serial No. 458,440. 17 Claims. (Cl. 123—14).



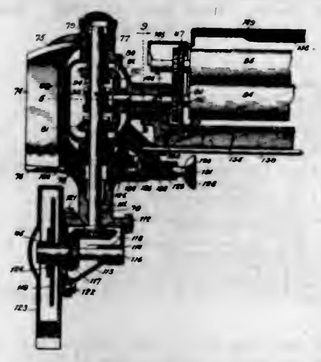
1. In a rotary engine of the character designated, the combination with the stationary frame work and rotatable shaft mounted therein of duplicate piston-cam discs rigidly attached to said shaft and inversely opposed to each other, reciprocatory abutments controlled by said piston-cam discs, one of which is formed with longitudinal transfer ports, the auxiliary abutment endwise movable relatively to the piston head, compression pistons on said reciprocatory abutments, medial compression cylinders in which said reciprocatory pistons are positioned, conduits connecting the opposite ends of said compression cylinders, annular channels into which the piston cams on said rotatable discs protrude, means for introducing gas into said annular channels, and for alternately firing the charges as compressed in said annular channels, for the purpose described.

1,572,001. CHAIN HOIST. JACOB DOTZERT, Detroit, Mich., assignor to Wright Manufacturing Company, Lisbon, Ohio. Filed Mar. 5, 1925. Serial No. 13,202. 1 Claim. (Cl. 254—171.)



The combination with a hoist including spaced members, a sheave mounted for rotation therebetween and having a series of periphery recesses, and a load chain supported by the sheave and having certain of its links seated in the recesses, of an arcuate guard extending over and partly around the sheave in close proximity thereto and concentric therewith, said guard having a longitudinal groove for the reception of the outstanding portions of the links engaging the sheave, sleeves integral with the guard, attaching means extending through the sleeves and into the spaced members, and supporting lugs extending in opposite directions from the guard, there being sockets in the spaced members for the reception of said lugs.

1,572,002. WRINGER MECHANISM. ALBERT J. DREMEL, Racine, Wis., assignor to The Maytag Company, Newton, Iowa, a Corporation of Iowa. Original application filed Feb. 11, 1918, Serial No. 216,436. Divided and this application filed Jan. 12, 1920. Serial No. 350,856. 33 Claims. (Cl. 68—32.)



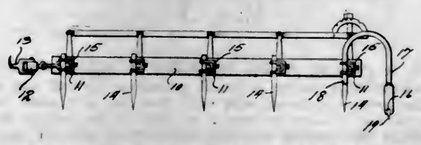
1. In a device of the class described, a vertical power shaft, a wringer in operative relation to the power shaft, the wringer being so mounted as to enable it to be swung in a substantially horizontal plane from one position to another about the shaft as an axis and also so mounted as to swing to different positions about a horizontal axis.

1,572,003. STOVE-LEG LOCK. RIVES FLEMING, Richmond, Va. Filed Apr. 27, 1925. Serial No. 26,136. 3 Claims. (Cl. 126—304.)



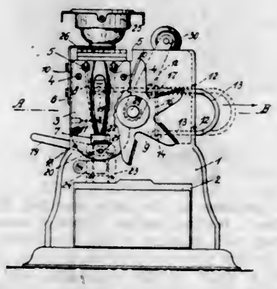
1. The combination with a stove of a leg and means for locking the leg to the stove comprising a tongue having a slot on the leg adapted to be received in locked relation by a sheet metal sleeve fastened to the stove.

1,572,004. WEEDING ATTACHMENT FOR HARROWS. JESSE A. GASKILL, Imbler, Oreg. Filed Aug. 8, 1925. Serial No. 49,077. 3 Claims. (Cl. 55—3.)



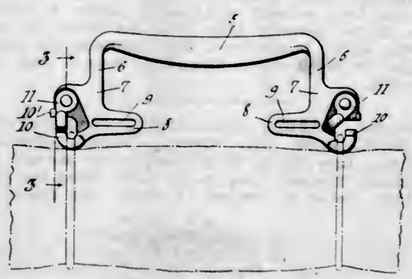
1. The combination with a harrow having downwardly depending teeth, a transversely extending series of socket members carried at the rear end of the harrow, of a weeding attachment comprising a transversely extending rod, supports therefor extending upward, forward and then downward and engaged in said socket members, the rod being loosely mounted within the lower ends of said supports to permit the supports to be adjusted upon the rod to suit the socket members on the harrow.

1,572,005. SHARPENING MACHINE FOR PENCILS AND OTHER STYLES. EMIL GRANTZOW, Dresden, Germany. Filed Mar. 13, 1924. Serial No. 698,953. 3 Claims. (Cl. 120—95.)



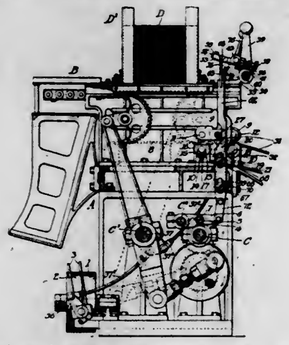
1. A sharpening machine for pencils or styles comprising in combination a guide funnel for the pencil to be sharpened composed of a stationary cutting plate having an oval aperture extended at the lower end by a rectangular aperture and of a plate-like element oscillably mounted on said cutting plate, means for securely holding said oscillable element in contact with said cutting plate, a spring for making this oscillable element oscillate away from said cutting plate when the securing means are rendered inoperative, an angular element below said funnel serving as gauge for the point to be produced, and means for adjusting this gauge element in its position.

1,572,006. HANDLE. FRANK WILBAR GRIFFIN, Galesburg, Ill. Filed Jan. 26, 1924. Serial No. 688,741. 1 Claim. (Cl. 224—57.)



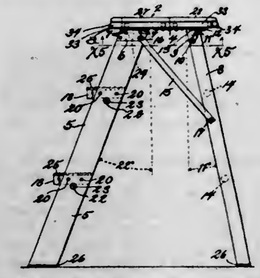
A removable handle including right angled end portions formed with enlargements, one surface of each enlargement being cut away, each enlargement having a cut out portion extending from one edge thereof, defining a hook, a stop adjacent to the outer edge of each enlargement, a pivoted keeper embodying a length of sheet metal bent upwardly to provide a finger grip, said pivoted keepers being mounted within the cut away portions of the enlargements to close the hook members, and said keepers adapted to engage the stops to restrict movement thereof.

1,572,007. STOP MECHANISM FOR BLANK-FEEDING MACHINES. SIGWALD C. GRUNLER, Chicago, Ill. Original application filed Oct. 9, 1922, Serial No. 593,332. Divided and this application filed Sept. 6, 1924. Serial No. 736,267. 14 Claims. (Cl. 192—126.)



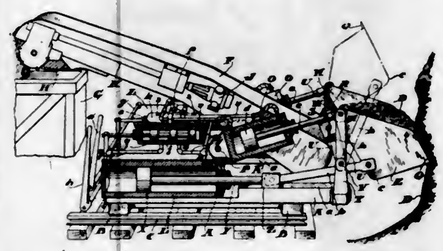
1. In a machine of the type specified, the combination of blank feeding means, driving means therefor, and starting and stopping means comprising a starter, a spring applied thereto adapted to turn on the driving means, a shaft, means connecting said shaft with the starter, a lever mounted to turn on said shaft, a spring applied to said lever, pins secured in said shaft and lever, the relation being such that when said lever is free to turn on said shaft said pins will transmit the tension of the spring applied to said lever to said shaft and will turn said shaft to throw off the starter and stop the machine, and the relation being such also that when said lever is turned to relieve said shaft from the tension of the spring applied to said lever, the starting spring applied to the starter will turn on said driving means and start the machine, and will also turn the shaft on which said starting lever is mounted to advance the pin secured therein toward the pin secured in said lever, whereby when said lever is released the spring applied thereto will turn said lever to cause the pin secured therein to engage the pin secured in said shaft, the spring applied to said lever being sufficiently strong to rotate said shaft to turn off the starter and stop the machine, a lock arm pivoted adjacent to the lever on the starter operating shaft, and a projection thereon adapted to interlock with a shoulder on said lever to secure said lever in position to relieve the starter operating shaft from the tension of the spring applied to said lever, thus permitting the spring applied to the starter to actuate the same to start the machine.

1,572,008. SAFETY COLLAPSIBLE COMBINATION STEPLADDER AND STOOL. THOMAS WILLIAM HALL, Long Beach, Calif., assignor of one-half to Charles Knutson, Long Beach, Calif. Filed Dec. 11, 1922. Serial No. 606,198. 1 Claim. (Cl. 228—2.)



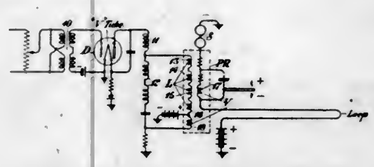
A combined stool and stepladder construction, comprising a top tread formed of front and rear sections hinged together, supporting legs rigidly secured at their upper ends to one of the sections of said top tread, treads secured between the supporting legs intermediate their upper and lower ends, a pair of rear legs pivotally secured at their upper ends to the other section of said top tread for supporting the combined stool and ladder in an operative position, and braces pivotally connecting the supporting legs and rear legs, the construction and arrangement being such that the rear legs and rear tread section will automatically move to collapsed position when the combined stool and stepladder is lifted by the front tread section.

1,572,009. SHOVELING AND LOADING MACHINE. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Sept. 11, 1925. Serial No. 55,678. 8 Claims. (Cl. 214—90.)



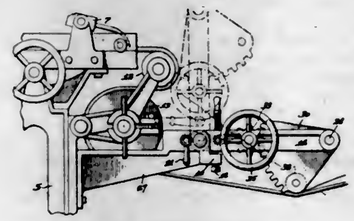
1. In a shoveling and loading machine the combination of a carriage, a scoop, a pair of digging, elevating and lowering cylinders on the carriage having pistons and piston rods and links connecting said piston rods to the heel of the scoop, a pair of dumping and scoop adjusting cylinders on the carriage above the digging cylinders having pistons and piston rods and links connecting the said piston rods to the back end of the scoop, and links connecting the said back end of the scoop to the carriage at a point near the forward end of the carriage, whereby the scoop may be thrust forward and swung upwardly and downwardly by the digging cylinders, and may be adjusted and tipped into rearward dumping position by the dumping cylinders.

1,572,010. DETECTOR CIRCUIT. JOSEPH HERMAN, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Oct. 13, 1923. Serial No. 668,384. 6 Claims. (Cl. 178—88.)



1. A detector circuit comprising a highly sensitive detector tube having a small operating current and a polar relay associated with said detector, said polar relay having a large operating winding in the output circuit of the detector and responsive to he detected operating current to shift the armature of the relay, a small biasing winding supplied with a biasing current, and an auxiliary holding winding continuously supplied with current in a direction determined by the position of the relay armature.

1,572,011. TIRE-BUILDING MACHINE. WALTER H. HERMANN, Lancaster, Ohio, assignor to Hermann Tire Building Machine Company, Lancaster, Ohio, a Corporation of Ohio. Filed Sept. 22, 1923. Serial No. 664,156. 6 Claims. (Cl. 154—10.)



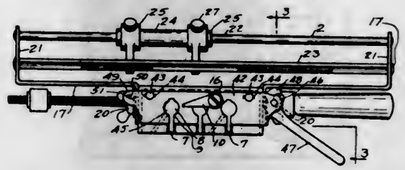
1. In a tire building machine from which material may travel to a core for the fabrication of a tire on the core, brackets adjacent the core, arms having the inner ends thereof pivotally supported from said brackets and swingable upwardly away from the core to a position at an angle to said brackets, and a roller supported from said arms and adapted for adjustment when said arms are lowered adjacent to said core.

1,572,012. PRODUCTION OF ALUMINUM PRINTING PLATES. LOUIS J. HERTLIN, Woodhaven, N. Y. Filed Apr. 23, 1923. Serial No. 634,180. 4 Claims. (Cl. 95—5.7.)



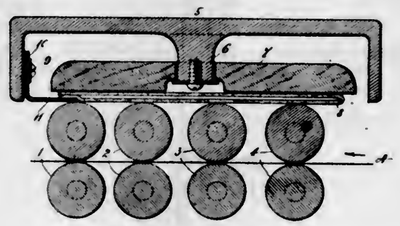
1. The method herein set forth of producing aluminum printing plates, consisting in preparing an original design in miniature, making a photographic negative thereof, printing a half tone positive therefrom on a sensitized aluminum plate, retouching by hand the aluminum key plate thus attained, etching said aluminum key plate, ink-rolling said key plate and imposing an impression thereof on glass, using said positive print on glass for the making of a negative, and using said negative in an enlarging apparatus to transfer the design to a sensitized aluminum plate which is then developed, etched, and preparatory for use in the press, substantially in the manner and for the purpose described.

1,572,013. FILE GAUGE. WILLIAM HILTON, Seattle, Wash. Filed Mar. 30, 1925. Serial No. 19,516. 2 Claims. (Cl. 76—31.)



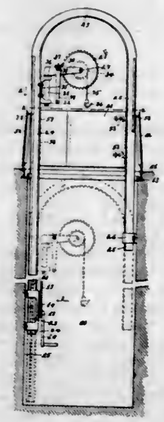
1. In a file gauge of the class described a saw holding base, slotted plates on the sides of the said saw holding base, a cam shaped lever for holding the plates toward one end and a means for resiliently holding the plates toward the opposite end.

1,572,014. CLEARER FOR DRAWING FRAMES. PERCY A. HOOD, Yarmouth, Nova Scotia. Filed Aug. 15, 1924. Serial No. 732,186. 3 Claims. (Cl. 19—139.)



1. In combination with the front top roll of a drawing frame or the like a cover and a wiper mounted thereon having a substantially horizontal portion the free edge of which reaches to about the centre of front top roll and in close proximity thereto.

1572,015. HOISTING APPARATUS. EDWARD D. HOOKER, New York, N. Y., assignor to Gillis & Geoghegan, Inc., New York, N. Y., a Corporation of New York. Filed Nov. 2, 1923. Serial No. 672,266. 4 Claims. (Cl. 214—1.)

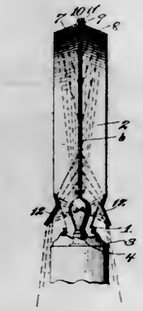


1. In a hoisting apparatus, a hoistway closure, a vertically movable hoist-supporting member, adapted to contact directly with and open said closure, and a laterally openable guard gate carried by said member.

1,572,016. ILLUMINATING SIGN FOR GASOLINE PUMPS. DWIGHT W. HUSTON, Springfield, Ohio, assignor to Wayne Tank & Pump Company, Fort Wayne, Ind., a Corporation of Indiana. Filed Feb. 15, 1924. Serial No. 693,043. Renewed Dec. 6, 1924. 9 Claims. (Cl. 40—130.)

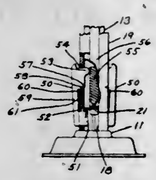
4. An illuminating sign for gasoline pumps comprising a pedestal with a single electric lamp therein, a sign panel rising from the pedestal provided with signs upon

opposite faces thereof, and means for reflecting the light rays upon the opposite faces of the panel, the base of



the pedestal having opposite downwardly and outwardly disposed reflectors for reflecting the light rays upon various parts of the gasoline pump.

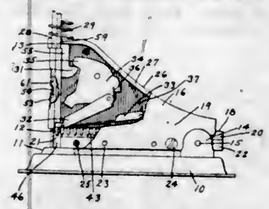
1,572,017. STAPLE BINDER. DANIEL L. IRVIN, Curwensville, Pa., assignor to A. H. Irvin Company, Inc., Curwensville, Pa., a Corporation. Filed Oct. 20, 1921. Serial No. 509,067. 2 Claims. (Cl. 1—2.3.)



1. A staple binder comprising a casing having slots in the side walls thereof, a supporting bar mounted in said casing for supporting a staple strip that is composed of individual staples connected in series, said bar having a cutting edge at one end, means for feeding said strip cutting edge at one end, means for feeding and strip along said bar so that said strip will project beyond said cutting edge, means to limit such projection of the strip to correspond to a single staple and operative also to serve as a guide for one edge portion of said single staple, a plunger having a cutting edge to cooperate with the cutting edge of the bar and operative to be driven so as to sever said single staple and drive the same, auxiliary guide means operating as levers extending through the slots in the casing for guiding the opposite edge portion of said single staple, and means operated by the plunger for setting said auxiliary guide to guiding position.

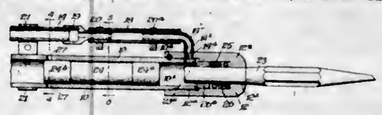
1,572,018. STAPLE BINDER. DANIEL L. IRVIN, Curwensville, Pa., assignor to A. H. Irvin Company, Inc., Curwensville, Pa., a Corporation. Filed Dec. 13, 1921. Serial No. 522,084. 1 Claim. (Cl. 1—2.3.)

A staple binder having a supporting bar for supporting a staple strip, said bar having a cutting edge at one end, means for feeding said strip along said bar, a plunger having a cutting edge for cooperating with the cutting edge on the bar for cutting said staple strip, a guide structure enclosing said plunger, a sleeve interposed between said guide structure and plunger, a spring operative to provide a frictional holding effect between said sleeve and plunger, a base opposed to said bar, means serving normally to position said plunger above said base and die, and means for positioning said sleeve normally so as to project downwardly below the bottom face of said plunger, the projecting portion of said sleeve comprising on each side a three sided channel wall and a downward extension of one of the walls in line with



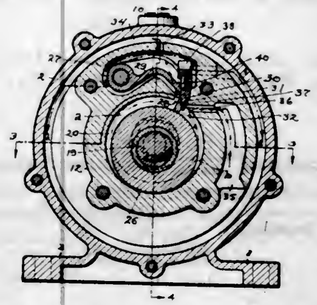
the staple strip, and said sleeve being operative to slide along said plunger responsive to contacting with said base during downward movement of said plunger.

1,572,019. FLUID-PRESSURE HAMMER. JOHN A. JACKSON, Chesterton, Ind., assignor, by direct and mesne assignments, to The Ryan Car Company, Chicago, Ill., a Corporation of Maine. Filed Dec. 28, 1917. Serial No. 209,278. 1 Claim. (Cl. 121—21.)



A device of the character described, comprising, in combination, a main casing, a piston hammer reciprocable in said casing, an external fluid supply pipe for applying fluid to opposite ends of said hammer, a valve device for alternately establishing communication first with one end and then with the opposite end of said hammer, a tool-holder casing carried by the casing and having a portion adapted to receive and guide the shank of a tool operable by said hammer, a shock-absorber disposed in said second casing between the tool-holder portion thereof and said main casing and independently of said tool shank, and a shock absorber element in said fluid supply pipe, said fluid supply pipe being connected adjacent the end of the main casing opposite to said tool-holder casing, and to said tool-holder casing intermediate said main casing and the tool guide portions thereof.

1,572,020. HYDRAULIC REDUCTION DRIVE. JOSEPH F. JAWOROWSKI, Cleveland, Ohio, assignor of one-half to Samuel E. Dettelbach, Cleveland, Ohio. Filed Feb. 20, 1925. Serial No. 10,676. 5 Claims. (Cl. 192—58.)

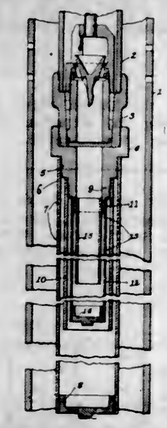


1. A fluid power-transmitting device, comprising a casing, a rotatable body therein having a shaft journaled within said casing and formed with circular chambers, a crank shaft having rollers operating in said chambers, oscillatory abutments mounted upon said body and engaging said rollers, and said body having passages therein on opposite sides of said abutments adapted to permit circulation of a fluid through said chambers and casing.

1,572,021. FURNITURE POLISH. JOHANNE JOHANSEN, Newport, R. I. Filed Aug. 2, 1924. Serial No. 729,719. 1 Claim. (Cl. 134—24.)

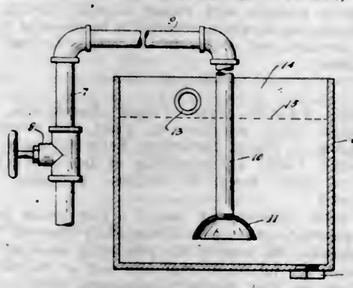
The herein described furniture polish consisting of 6 ounces linseed oil, four ounces kerosene, four ounces vinegar, two ounces turpentine and one teaspoonful spirits of camphor, thoroughly commingled by agitation.

1,572,022. TRAP FOR OIL-WELL PUMPS. DE WITT C. KING, Fillmore, Calif. Filed Apr. 28, 1924. Serial No. 709,509. 3 Claims. (Cl. 103—220.)



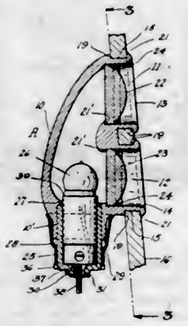
1. The combination of an oil well pump and a trap, said trap comprising a tubular casing secured upon the bottom of the pump, said casing being perforated at the top and closed at the bottom, a second and shorter and smaller casing open at the bottom and secured to the bottom of the pump within the first casing; a third and smaller casing secured to the bottom of the pump within the second casing, said last casing being perforated at the top and closed at the bottom and of the length of the second casing; and a fourth and still shorter casing open at the bottom secured to the bottom of the pump within said last casing.

1,572,023. DISSOLVING APPARATUS. HARRY D. LATHROP and WALTER H. PAULSON, Chicago, Ill.; said Paulson assignor to said Lathrop. Filed July 26, 1924. Serial No. 728,509. 2 Claims. (Cl. 23—267.)



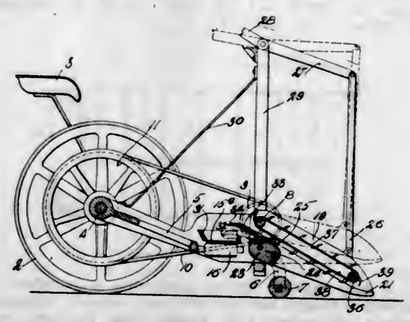
1. In combination, a supply conduit provided with a control valve, a flat bottom receptacle having a discharge opening formed in one of its side walls adjacent the top edge thereof, a conduit mounted in said opening to provide an overflow, a conduit having connection with the supply conduit and extending over the edge of said receptacle and downwardly centrally within the receptacle a short distance from the bottom thereon, and a cup shaped member mounted on said outlet end for distributing fluid in the lower part of said receptacle.

1,572,024. VEHICLE LAMP. NEIL MACINNES, Chicago, Ill. Filed June 28, 1922. Serial No. 571,386. 13 Claims. (Cl. 177—329.)



4. A vehicle lamp including a casing open at its lower end and having adjacent windows formed therein, means for securing the casing to a bumper bar of a vehicle, a lighting element support having a portion passing into the opening at the lower end of the casing, and means for removably securing the support to the casing.

1,572,025. BERRY HARVESTER. HORACE B. MACLATHLIN, Kingston, Mass., assignor of one-half to Franklin E. Smith, Newton, Mass. Filed Oct. 21, 1924. Serial No. 744,896. 13 Claims. (Cl. 56—330.)

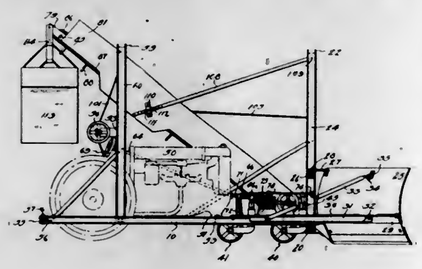


5. A berry harvesting machine having a scoop comprising a series of substantially parallel spaced fingers having uninterrupted berry guiding channels between them, and means cooperating with each of said channels for positively propelling berries along the channels substantially from one end to the other of the latter.

11. A berry harvesting machine having a downwardly inclined scoop pivotally supported adjacent to its upper end, said scoop having parallel longitudinally extending berry guiding channels, a conveyor extending transversely of the scoop adjacent to its upper end, a member extending from the upper edge of the scoop to a point above the conveyor, said member having parallel grooves constituting continuations of the guide channels, means for supporting a removable receptacle

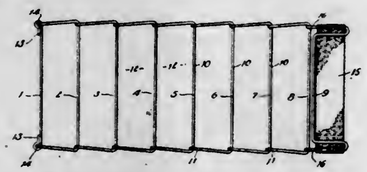
at the end of the conveyor, and means for moving berries upwardly along the channels to be discharged from the ends of the grooves onto the conveyor.

1,572,026. SNOWPLOW. LEO P. MARX, Le Mars, Iowa. Filed Apr. 16, 1925. Serial No. 23,462. 14 Claims. (Cl. 37—45.)



1. In a snow plow, an angularly disposed blade adapted to move snow with which it contacts toward one of its ends, an endless belt elevator disposed at that end adapted to receive the snow discharged from the blade, said elevator being disposed parallel to the normal path of travel of the plow, and a frame supporting said elevator and blade, said frame including a U-shaped portion disposed at the side of the elevator having parallel arms connected at their forward ends by a forward connecting beam, said arms being adapted to receive a tractor therebetween and means for hitching a tractor to the rear ends of said arms, the removal of said hitching means from engagement with the arms allowing the tractor to be removed rearwardly from the frame.

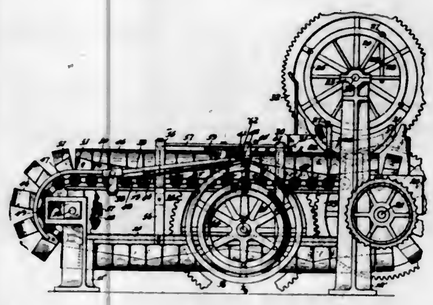
1,572,027. HAIR WAVER. WILLIAM A. MEYERS, Chicago, Ill. Filed Dec. 17, 1923. Serial No. 681,034. 11 Claims. (Cl. 132—31.)



1. A hair waving device comprising a plurality of members arranged side by side and foldably connected together, and adapted to receive hair through their centers when folded together, said members providing spaced transversely extending hair engaging portions which are adapted to receive the hair when said members are thereafter reversed in their folded position, and means for securing said members in folded position.

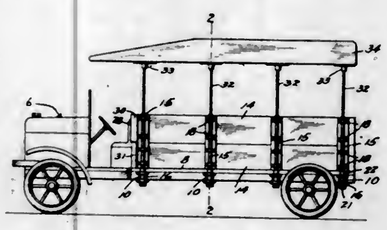
1,572,028. SHAPING AND TRIMMING ATTACHMENT FOR TILE-FORMING MACHINES. MAX MUELLER, St. Louis, Mo., assignor to Los Angeles Pressed Brick Company, Los Angeles, Calif., a Corporation. Filed Aug. 13, 1924. Serial No. 731,854. 8 Claims. (Cl. 25—104.)

1. A shaping and trimming attachment for tile forming machines, comprising a plurality of forming blocks mounted on an endless conveyor, a pressing mechanism in close proximity with the blocks, a trimming mecha-



nism for trimming the bottom edges of the product, means for controlling the elevation of the trimming means, and a cutting off mechanism.

1,572,029. VEHICLE BODY. HANS P. NELSON and GEORGE DAVIES, Seattle, Wash., assignors of one-third to George E. Cook, Seattle, Wash. Filed May 17, 1923. Serial No. 639,606. 2 Claims. (Cl. 296—43.)

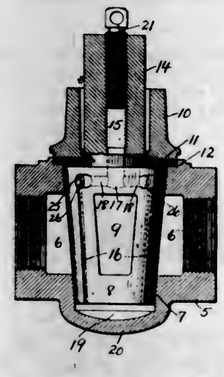


1. Means for detachably mounting portions of a vehicle body and a top therefor, comprising a plurality of detachable stirrups constituting retaining members carried by portions of the body and arranged to vertically align in spaced relationship in assembly clamping plates arranged on the body and aligning with the stirrups, a tubular socket member carried by the clamping plates, a tubular stringer member adapted to be trained through the respective stirrups and to be seated in the socket member whereby to maintain said portions of the body in assembly, and said stringer members being freely movable with respect to said stirrups, and a top supporting standard adapted to be mounted in the tubular stringer and seated in the socket for the purpose defined.

1,572,030. VALVE. SVEN JOHAN NORDSTROM, San Francisco, Calif., assignor, by direct and mesne assignments, to Merco Nordstrom Valve Company, San Francisco, Calif., a Corporation of Delaware. Filed Dec. 14, 1923. Serial No. 680,594. 4 Claims. (Cl. 251—93.)

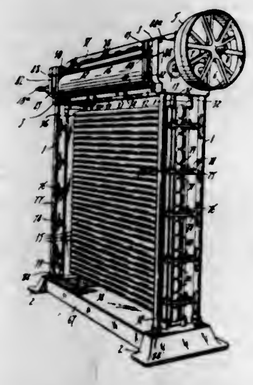
1. A valve comprising a casing, a plug seated in the casing provided with a pair of oppositely disposed lubricating grooves, the stem of the plug being provided with a reservoir for lubricant, the stem end of the tapered portion of the plug having a transverse hole connecting the lower end of the reservoir with the upper ends of the lubricating grooves, a screw in the outer end of the stem for putting the lubricant in the reservoir

under pressure to force it into the grooves, and an outwardly opening check valve located in each outer end of the transverse hole in the plug permitting flow of



lubricant from the reservoir into the grooves, but preventing back flow of lubricant from the grooves into the reservoir.

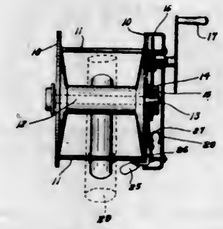
1,572,031. PASTEURIZER FOR CREAM, MILK, OR OTHER LIQUIDS OR SEMILIQUIDS. JOSEPH O'CONNELL and HAROLD HAMILTON KERR, Kensington, Australia. Filed Jan. 28, 1924. Serial No. 689,194. 6 Claims. (257—96.)



3. A pasteurizer including bases, a plurality of standards supported by the bases, a plurality of boxes mounted upon the upper ends of the standards, shafts rotatably mounted on the boxes, heating cylinders mounted on the shafts, a rod adjustable toward and away from said cylinders, arms having forks pivotally mounted on said rod, scraping bars mounted on said arms and bearing against the cylinders and means for forcing the scraper bars toward the cylinders.

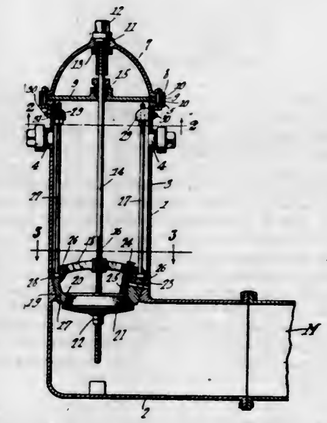
1,572,032. FISHING REEL. LOUIS A. PAGE, Providence, R. I. Filed Mar. 10, 1922. Serial No. 542,531. 2 Claims. (Cl. 242—84.5.)

2. A fishing reel comprising a pair of fixed head plates, a spool rotatably mounted between said plates and provided with a shaft bearing in said plates, a spool-driving pinion fixed to said shaft, a friction arm having one end extending beneath said pinion and its free end adjacent the periphery of said plate, a thumb-lever mounted to swing in said plate with its inner end engaging said free end of said arm to lift the



same into frictional engagement with the under side of said gear, and a spring for normally holding said arm and lever in inoperative position.

1,572,033. FIRE HYDRANT. ALONZO B. PARKER, Sylacauga, Ala. Filed June 15, 1925. Serial No. 37,301. 1 Claim. (Cl. 137—13.)

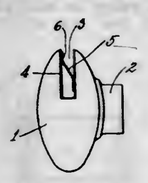


A fire hydrant comprising a substantially L-shaped casing, one arm arranged vertically and equipped at its upper end with a closure, a valve seat removably mounted at the junction of said arms and having a spider with a central angular aperture therein, a valve for engaging said valve seat and having a stem angular in cross section extending through said opening, said stem extending up into the closure, rotatable means for longitudinally moving said stem to open and close said valve, rods connected with said cage, lugs detachably mounted in the upper end of said casing and having apertures to receive said lugs, and means on the rod for forcing the cage onto its seat to provide a water tight joint.

1,572,034. DOOR HANDLE. ARTHUR L. RACE, Boston, Mass., assignor of one-half to William M. Kimball, Northampton, Mass. Filed Nov. 14, 1924. Serial No. 749,969. 1 Claim. (Cl. 40—8.)

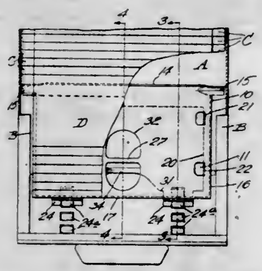
A door handle structure comprising an enlarged handle portion having a peripheral recess extending transversely

through substantially one half of such portion and adapted to hold envelopes, message papers and the like in such



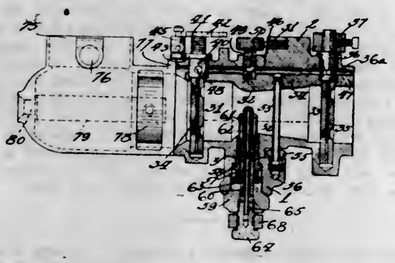
a position that one using the door handle for its normal purpose literally has the paper and the like placed in his hand.

1,572,035. CARD-INDEX DEVICE, JAMES H. RAND, Jr., Tonawanda, N. Y. Filed Feb. 2, 1924. Serial No. 690,270. 11 Claims. (Cl. 129—16.)



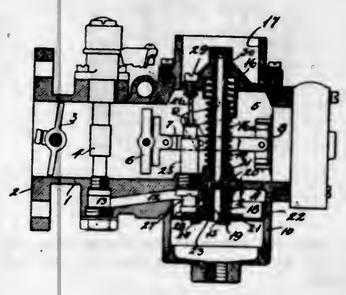
1. In a record-holding tray including a supporting part on which a series of record devices are adapted to be maintained in overlapping relation substantially parallel with said supporting part with their free edges exposed one beyond the other, the combination of a back stop on said tray against which one end of said series is adapted to abut, and a resiliently expansible and compressible member having a part for engaging the other end of said series of record devices, and a part for engaging a portion of said tray, whereby said devices are resiliently compressed and maintained on said tray against said stop, said resiliently expansible and compressible member having a part adapted to support the free ends of the adjacent record devices and maintain them in substantial alinement with the free ends of the other devices of said series.

1,572,036. CARBURETOR. CHARLES L. RAYFIELD, Chicago, Ill., assignor to Beneke Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 30, 1920. Serial No. 377,923. 5 Claims. (Cl. 261—4.)



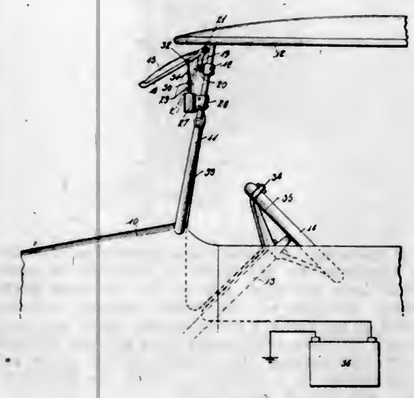
1. In a carburetor, the combination of a main mixing chamber, an auxiliary mixing passage, a fuel supply chamber, an inlet nozzle communicating with the fuel supply chamber and extending into the main mixing chamber, a second inlet nozzle communicating separately with the fuel supply chamber and opening into the auxiliary mixing passage and having an aperture opening into the main mixing chamber for introducing additional liquid fuel therein when a high vacuum is produced.

1,572,037. CARBURETOR. CHARLES L. RAYFIELD, Chicago, Ill., assignor to Beneke Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 2, 1923. Serial No. 629,334. 4 Claims. (Cl. 261—24.)



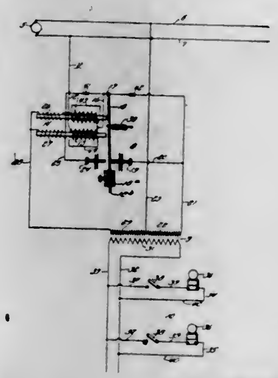
1. In a carburetor, an air valve, a dash pot, a piston in said dash pot, a tubular connection between said air valve and said dash pot piston having orifices therein above the main portion of said air valve, and means in and surrounding said tubular connection adapted to close the passage between said dash pot and said orifices after a predetermined movement of said connection.

1,572,038. ANTIGLARE SHIELD. HARRY S. REINHEIMER, Lehighton, Pa. Filed Mar. 1, 1924. Serial No. 696,223. 4 Claims. (Cl. 296—97.)



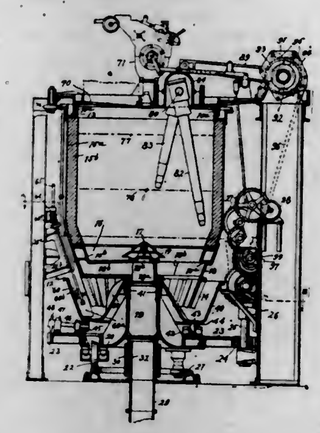
1. The combination with a vehicle, of an anti-glare shield, means for swingingly supporting said shield on said vehicle, yieldable means normally holding said shield in inoperative position, a magnet coil, means for energizing said coil, a movable core within said coil, and connecting means between said core and said shield, whereby on the energization of said coil said shield is swung into operative position.

1,572,039. ELECTRICAL APPARATUS. MARK R. RICHARD, Chicago, Ill., assignor to Charles J. Dorrance, Chicago, Ill. Filed May 5, 1920. Serial No. 379,055. 6 Claims. (Cl. 175—365.)



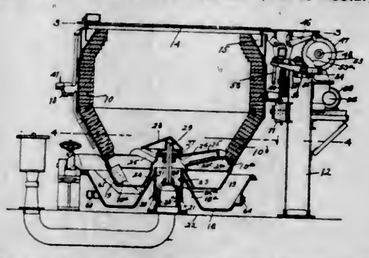
1. A current modifying system comprising a source of unidirectional current, an electro-magnetically operated vibrator having a plurality of opposed windings, means associated with the source of unidirectional currents for alternately exciting one of the opposed windings and both of the opposed windings, and means for delivering pulsations of current from the vibrator.

1,572,040. GAS PRODUCER. JOHN F. ROGERS, Cleveland Heights, Ohio, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 26, 1918. Serial No. 268,293. 30 Claims. (Cl. 48—85.1.)



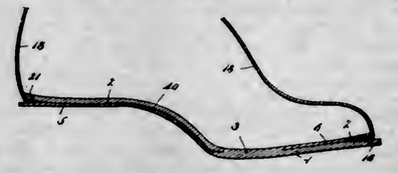
20. In a gas producer, a producer body and an ash receptacle beneath the same both rotatably mounted, and movement imparting and controlling mechanism for causing both parts to rotate when the producer is in operation and operating automatically to cause one part to make a greater number of revolutions than the other in a given time.

1,572,041. GAS PRODUCER. JOHN F. ROGERS, Cleveland Heights, Ohio, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 12, 1921, Serial No. 514,521. Renewed Mar. 31, 1924. 27 Claims. (Cl. 48—85.1.)



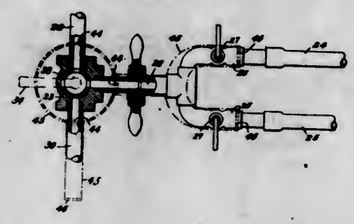
1. In a gas producer, a rotatable ash pan, means whereby the body and pan are caused to rotate, and means for automatically holding one of the parts against rotation at definite intervals.

1,572,042. METHOD OF MAKING BOOTS AND SHOES. CHARLES B. SPALSBURY, St. Louis, Mo., assignor to Johnson, Stephens & Shinkle Shoe Company, St. Louis, Mo., a Corporation of Missouri. Filed Apr. 19, 1922. Serial No. 555,588. 8 Claims. (Cl. 12—142.)



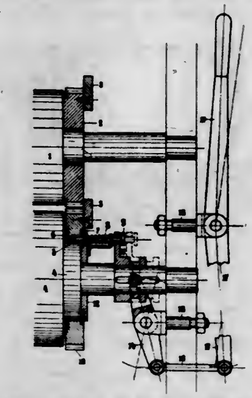
6. The improved method of making shoes, consisting in providing a combined insole and outsole, having said insole and outsole separated at the heel, shank, toe, and along the margins of the forepart, lasting the upper, securing the marginal part of the lasted upper at the forepart between said insole and outsole portions, by removable fasteners, attaching the shank portion of the lasted upper by non-metallic means, removing the last, applying through and through stitching, and thereupon removing the fasteners retaining the lasted upper at each side of the forepart.

1,572,043. PORTABLE APPARATUS FOR USE IN PROCTOTHERAPY. OSCAR BOTO SCHELLBERG, New York, N. Y. Filed June 27, 1925. Serial No. 40,046. 2 Claims. (Cl. 128—227.)



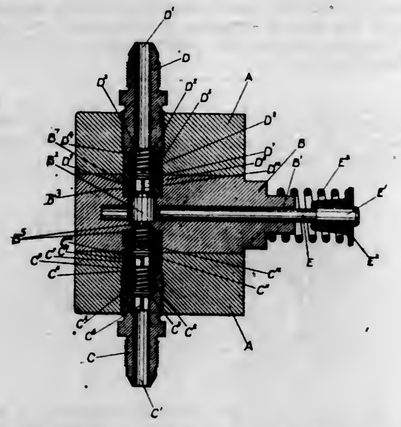
1. An apparatus as characterized comprising a plurality of holding receptacle flasks; a distribution system operatively connected therewith and embodying a series of flexible pipes, and a multi-ported distributing valve, and a supporting member for said valve and parts associated therewith, said supporting member having a ring-like body with extended arms adapted to receive and hold said pipes and parts associated therewith.

1,572,044. ROTATING PRINTING MACHINE. LEO SCHWARZ, Stendal, Germany. Filed Jan. 12, 1924. Serial No. 685,854. 2 Claims. (Cl. 101—216.)



1. A rotary printing machine, comprising in combination, a printing cylinder, an impression cylinder, means for rotating the impression cylinder intermittently so as to enable the printing cylinder to make one or more idle runs between each rotation of the impression cylinder, said means consisting of a ring of teeth provided on the printing cylinder, a second ring of teeth loosely mounted on the impression cylinder and capable of meshing with the ring of teeth on the printing cylinder, projections provided on the said cylinders for initiating the rotary movement of the impression cylinder, and means for releasably connecting the impression cylinder to the second ring of teeth, so that by disengaging said means the second ring can rotate idly during the continued rotation of the printing cylinder while the impression cylinder is stationary.

1,572,045. PUMP. PHILIP LANE SCOTT, Three Oaks, Mich., assignor to Super Diesel Tractor Corporation, La Porte, Ind., a Corporation of New York. Filed Dec. 15, 1919. Serial No. 344,883. 19 Claims. (Cl. 103—153.)



1. A pump comprising a cylinder, a plunger mounted for reciprocation therein, one of them being of softer material than the other, the clearance between them being such that travel of a liquid film between them is effectually prevented by the resistance to molecular separation of the oil film.

1,572,046. IMPRESSION-MAKING TOOL. ADAM J. SEILER, Freeport, Ill. Filed Dec. 21, 1923. Serial No. 681,975. 1 Claim. (Cl. 81—1.)



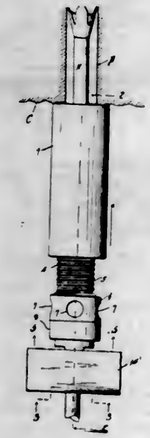
An impression making tool of the character described comprising a body composed of a front tool-holding section, and a rear handle section having a smooth rear end to be borne against by the hand in the use of the tool, a tool element reciprocable in the front section and having an anvil end inside said body, a plunger element reciprocable in the rear handle section, a compression spring between it and the rear end of said handle section arranged to be loaded when the rear end of said handle section is borne against in the direction of the tool element while the latter is engaging the work to deliver a blow of pre-determined force to said tool element, a trigger for releasing said plunger element for a blow on said tool element at a pre-determined degree of compression of said spring, and a hammer member adjustable from the rear end of said plunger element toward and away from the anvil end of said tool element, said member comprising a screw-threaded plug wholly within said handle section threading longitudinally in said plunger element and having a screw-driver slot in the rear end thereof exposed for engagement and adjustment by a screw-driver at the rear end of said plunger element.

1,572,047. INDUCTANCE COIL FOR USE IN WIRELESS TELEGRAPHY AND TELEPHONY. WALTER STEPHEN SHEPHARD, Balham, London, England. Filed Aug. 25, 1925. Serial No. 52,377. 7 Claims. (Cl. 175—359.)



1. An inductance coil of the kind set forth, the covered wire of the winding of which passes in such a manner, in and out of the individual slots of two series of slots, one series in each end of a ring-like former of insulating material and of short axial length in comparison with its transverse dimension and having slotted ends, that said wire, at any given part of the winding, passes out through a slot in one end of the former, then across the outside of the former, then passes in through a slot in the opposite end of the former, thence for a part turn in a radial plane chord-like across the former, out through another slot in the same end of the former, then again across the outside of the former, in through a slot in the opposite end of the former, for another part turn in a radial plane chord-like across the former to another slot in the same end, and so on, never passing in any way interiorly from end to end of the former.

1,572,048. DRILL-PULLING JACK. EARNEST F. SPENCER and CHARLEY O. SPENCER, Commerce, Okla. Filed Apr. 28, 1925. Serial No. 26,559. 2 Claims. (Cl. 254—29.)



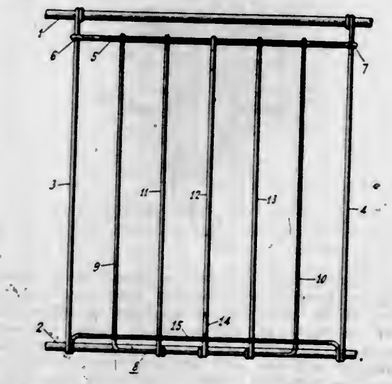
2. A drill pulling jack comprising in combination with a drill stem having lugs thereon, a tubular sleeve adapted to enclose the drill stem, an interiorly threaded head on said sleeve, a threaded tubular member engaging said interiorly threaded head, a head on said tubular member having lateral openings, a sleeve secured to said head and having an inwardly extending flange, a ring rotatably mounted within said last mentioned sleeve, anti-friction bearings between said head and ring, a jack lug engaging the drill stem and the lugs thereon, and a guide ring engaging the first mentioned ring and said jack lug.

1,572,049. FILLING DEVICE FOR FILLING TANKS. WILFRED H. STEPHENSON, San Antonio, Tex. Filed Dec. 9, 1924. Serial No. 754,793. 8 Claims. (Cl. 220—86.)



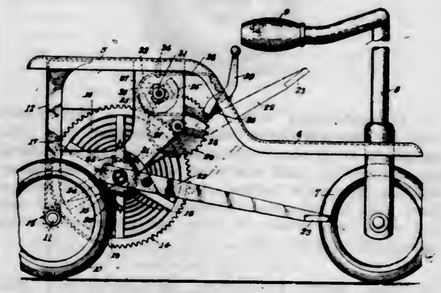
1. A filling pipe for gasoline tanks, the combination with an automobile, and the gasoline tank arranged under the front seat thereof, a filling pipe communicating at its inner end with the tank, the outer end of the filling pipe extending through the side of the body of an automobile, an air outlet pipe in said filling pipe, the inner end thereof communicating with the tank, the outer end thereof terminating adjacent the outer end of the filling pipe, a guard over the outer end of the air outlet-pipe, said guard comprising a sleeve secured on said air pipe adjacent the outer end thereof and fitting snugly in the filling pipe, and a substantially triangular shaped portion associated with the sleeve and disposed over the outer end of the air outlet pipe.

1,572,050. GATE FOR POULTRY-FEEDING BATTERIES. WILLIAM J. STEWART, Clinton, Ohio. Filed June 12, 1924. Serial No. 719,461. 4 Claims. (Cl. 119—17.)



4. A gate for poultry feeding batteries, comprising a plurality of vertical rods, a top horizontal member having eyes at the end in which said rods are slidably mounted, a U-shaped member the ends of which are secured to the horizontal member, a plurality of connecting members which connect the bottom part of the U-shaped member to the horizontal member, a horizontal guide located adjacent the bottom part of the U-shaped member and spaced from the front wall of the battery, the bottom of the gate being located intermediate said guide and the front wall of the battery when the gate is closed, a coil formed in one of said connecting members which engages the guide to prevent the U-shaped member dropping down into said space beyond a predetermined point.

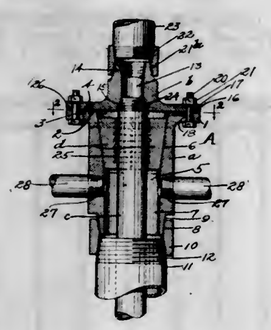
1,572,051. MOTOR VEHICLE. JOSEPH F. SULLIVAN, New York, N. Y. Filed June 13, 1925. Serial No. 36,864. 3 Claims. (Cl. 208—163.)



1. In a toy motor vehicle the combination of the following elements; a supporting frame provided with an elevated seat; means for steering the vehicle; means for propelling the vehicle comprising driving wheels and

a spring motor geared thereto; means for energizing the said spring motor comprising foot operated levers adapted to wind up the spring of the said motor; and governor means for the control of the said spring motor.

1,572,052. CASING HEAD. WILLIAM A. TROUT and CHARLES R. BUTLER, Long Beach, Calif., assignors of one-third to Chester A. Rasmussen, Long Beach, Calif. Filed Apr. 11, 1922. Serial No. 551,466. 3 Claims. (Cl. 285—22.)



1. A casing head including a vented body member having an interior bore merging into a conical bore opening at the upper end of the body, an offset flange carried by the body, and a tubing string suspension cap member having an interior bore adapted for threaded engagement with the well tubing string, and said cap member also including a flange coextensive with and engaging the flange on the body, fastenings piercing the flange of the cap and the flange of the body to prevent separation under gas pressure, and means for connecting piping to the cap member at the upper end of the bore.

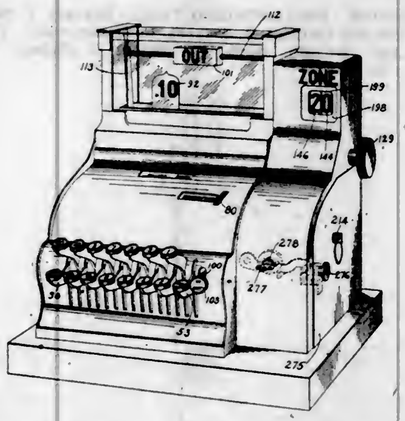
1,572,053. COMPRESSED RUBBER AND AIR CUSHION FOR TIRES. RICHARD H. VILLARD, Atlanta, Ga. Filed Dec. 14, 1923. Serial No. 680,711. 2 Claims. (Cl. 152—10.)



1. In combination with a tire casing, a shoe therein with its original inner surface outermost, said shoe consisting of a body substantially of elastic material and coextensive with the inner surface of the casing, said body having an inelastic strip adjacent said original inner surface, whereby through reversal of the body said strip compresses the body and contractile means operable to close the body.

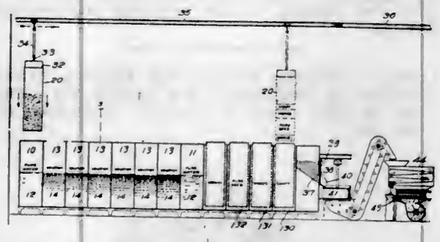
1,572,054. CASH REGISTER. EDWARD J. VON PEIN, Dayton, Ohio, assignor to The National Cash Register Company, Dayton, Ohio. Filed May 12, 1919. Serial No. 296,603. 18 Claims. (Cl. 235—29.)

4. In a machine of the class described, the combination of a differentially adjustable element adapted to receive a step by step adjustment, printing means for printing the position of adjustment of the adjustable element, connections intermediate the adjustable element and the printing mechanism whereby the latter is adjusted upon each adjustment of the former, means normally effective to compel the adjustment of the adjustable



element in one direction, and means effective after a predetermined number of steps of adjustment in one direction for arresting the movement of the adjustable element in that direction and reversing the effectivity of the compelling means whereby the adjustment of the adjustable element in the reverse direction is compelled.

1,572,055. METHOD AND APPARATUS FOR CLEANING, SEPARATING, AND GRADING SEEDS AND OTHER BODIES. HARRY R. WARREN, Wabuska, Nev., assignor to Warren Seed Cleaning Company, Reno, Nev., a Corporation of Nevada. Filed May 27, 1921. Serial No. 472,974. Renewed May 14, 1925. 19 Claims. (Cl. 209—173.)

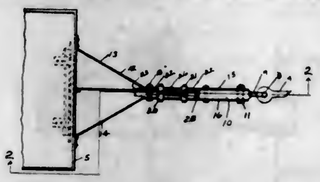


1. The method of separating mixed bodies of different specific gravity which consists in enveloping the mixture in succession in liquids of graduated density and from time to time removing the layers from one another that are produced by the action of the liquids.

1,572,056. TRAILER COUPLING. ROBERT A. WEEKS, Wisconsin Rapids, Wis. Filed Oct. 4, 1922. Serial No. 592,253. 11 Claims. (Cl. 280—33.15.)

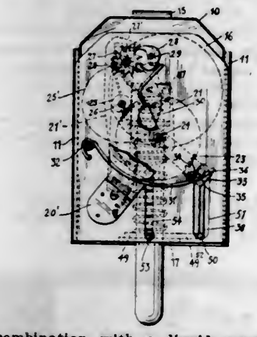
1. A trailer coupling including a pair of spaced members, a bolt connecting said members, a sleeve upon said bolt spacing said members apart, a hook-carrying element pivotally mounted upon said sleeve and provided with a notch at a point remote from said sleeve, transversely disposed means between said spaced members receivable within said notch and adapted to relieve said bolt and

sleeve of load, a detent normally urged toward said element and engageable therewith to secure said element in interlocked engagement with said means, and a



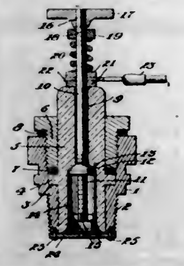
rearwardly opening hook carried by said element and arranged to be operative for coupling purposes when said element is interlocked as aforesaid.

1,572,057. AUTOMATIC DRIP-PAN ALARM. BENJAMIN WEISS, New York, N. Y. Filed May 28, 1925. Serial No. 33,391. 6 Claims. (Cl. 116—109.)



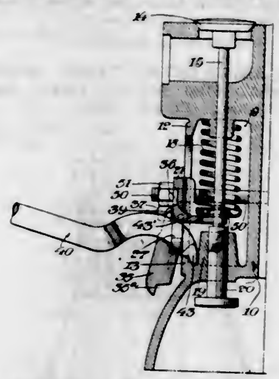
4. In combination with a liquid receptacle, like an ice box drip pan, an alarm mechanism secured to said receptacle and slidable upon a support under the action of the weight of the liquid received by said receptacle; a source of force to operate said alarm normally checked but intermittently released at predetermined relative positions of said alarm upon said support; an elastic member interposed between said alarm device and said support and influenced by their relative movement, and means connected with said elastic member to return said alarm operating force into its original normal condition ready to again operate said alarm when the liquid is removed from said receptacle and said elastic member is released.

1,572,058. SPARK PLUG. FREDERICK V. WINTERS, New York, N. Y. Filed Apr. 27, 1923. Serial No. 634,973. 4 Claims. (Cl. 123—169.)



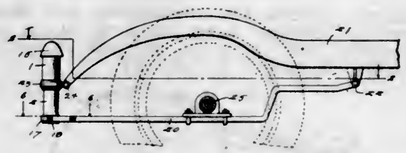
1. In a spark plug, the combination with a stationary electrode having a plurality of radially arranged sparking points, of an axially movable and rotatable electrode having a different number of radiating sparking points for the purpose specified.

1,572,059. VALVE-SPRING-LIFTING MECHANISM. LOUIS M. WOOD, New York, N. Y., assignor to Speed-O Multiple Valve Lifter Corporation, New York, N. Y., a Corporation of New York. Filed Nov. 15, 1922. Serial No. 601,000. 17 Claims. (Cl. 29—86.3.)



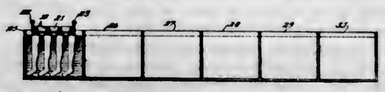
1. In a valve spring lifter, the combination of a lifting bar having means for operating against a plurality of valve springs, and an operating member supported for operation by the engine beneath said lifting bar, said bar having a curved cam portion and said member having a cam shiftable into engagement with said cam portion for elevating said lifting bar.

1,572,060. SHOCK-ABSORBING SPRING AND SNUBBER. WILLIAM W. YARNALL, Harrisburg, Pa. Filed Dec. 20, 1923. Serial No. 681,805. 2 Claims. (Cl. 267—34.)



1. An appliance of the class described having a plurality of barrels one telescoping into the other, a rod carried by one of the barrels and extending into the other barrel, a plunger on said rod in the last mentioned barrel, said plunger having an opening therethrough, a valve resting on the upper surface of said plunger and slidable along said rod, said rod being hollow whereby fluid may be supplied therethrough and discharged into the appliance below the plunger, a relatively weak spring surrounding said rod to urge said valve seated, springs to control the action of the shock of the appliance located on opposite sides of the plunger, said valve serving to retard the return of cushioning fluid through said opening.

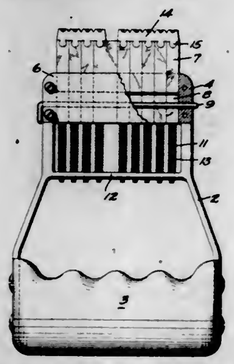
1,572,061. METHOD OF FINISHING STOCKINGS. EDWARD J. ZIOCK, Rockford, Ill., assignor to Burson Knitting Company, Rockford, Ill., a Corporation of Illinois. Filed Sept. 1, 1922. Serial No. 585,828. 5 Claims. (Cl. 8—5.)



1. The method of finishing stockings, consisting in holding each stocking to a predetermined length on a substantially flat form shaped to hold the fabric under substantially uniform tension throughout its area, singe-

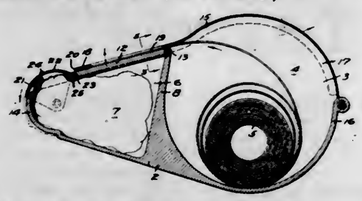
ing each stocking while it is on the form between opposed elements by causing relative movement between said elements and the form in a plane parallel with said flat plane of the form, subjecting the stocking to a liquid treatment uniformly applied throughout its area while it is held on the form, and drying the stocking without removing it from the form.

1,572,062. MARKING DEVICE. FRANK AHLBURG, Los Angeles, Calif. Filed May 8, 1922. Serial No. 559,171. 4 Claims. (Cl. 101—379.)



1. A marking device comprising a frame, a plurality of die bars slidably mounted in said frame, each bar being transversely recessed, a stop pin lying in said recesses and mounted in said frame, a spring for pressing each bar against said stop pin, and dies carried by said bars.

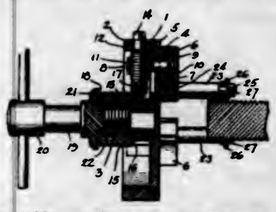
1,572,063. DEVICE FOR DISPENSING AND MOISTENING GUMMED TAPE. PAUL W. BLACK, San Francisco, Calif. Filed Apr. 29, 1924. Serial No. 709,807. 14 Claims. (Cl. 91—14.5.)



1. A device of the character described comprising a casing having a chamber therein adapted to contain a roll of gummed tape, a bed plate, a cover for the chamber having a portion extending over the bed plate and forming with the plate a passage through which the unrolled tape passes and a moistening device disposed contiguous to the end of the passage so that the tape emerging from the passage contacts with the moistening device.

1,572,064. RETHREADING TOOL. CHARLES E. BLECKSMITH, Los Angeles, Calif. Filed May 22, 1924. Serial No. 715,020. 3 Claims. (Cl. 10—1.)

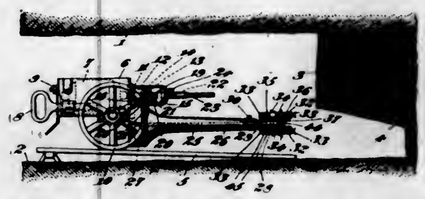
2. A rethreading tool comprising a chuck having a projecting boss, a handle fixed to the boss for turning the chuck, a rotatable member on the boss, screws held against longitudinal movement extending radially of the chuck in circumferentially spaced relation, gearing between said rotatable member and said screws for dependent turning of said screws, bolts threaded on said screws for equidistant radial adjustment of said bolts by turning anyone of said screws, elongated blocks extending radially of said chuck and adapted for mounting on said bolts adjacent one end of the blocks whereby the blocks may be reversed for inward or outward projection of the opposite end of the blocks, arms projecting from said opposite end of the blocks and cutter discs rotatably mounted on said arms and insertable in the bore or receivable over the end of a piece of work by radial adjustment of the blocks so that said cutter discs engage interior or exterior threads of the work at opposite sides of the cutter discs and at circumferentially spaced points.



1,572,065. RESINOUS COMPOSITION CONTAINING CHLORINATED RUBBER. NORRIS BOEHMER, Montclair, N. J., assignor to Chadeloid Chemical Company, a Corporation of West Virginia. Filed Oct. 11, 1923. Serial No. 667,891. 3 Claims. (Cl. 134—54.)

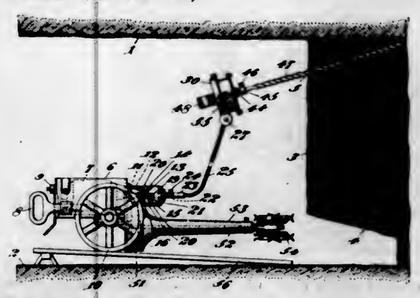
1. A coating composition comprising chlorinated rubber and at least an equal amount of cumaron resin, and a solvent for said materials.

1,572,066. MINING MACHINE. RUSSELL E. BOOKER, Windber, Pa. Filed Jan. 11, 1922. Serial No. 528,436. 4 Claims. (Cl. 262—9.)



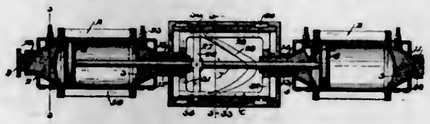
1. In a mining machine of the character described, a cutting head bracket, a short shaft secured therein, a pair of bevel gears rotatably mounted on opposite ends of said shaft, said shaft being provided with an internal oil reservoir, a closure therefor, and openings leading therefrom to the bearings of said bevel gears on said shaft.

1,572,067. MINE DRILL. RUSSELL E. BOOKER, Windber, Pa. Filed Jan. 11, 1922. Serial No. 528,437. 4 Claims. (Cl. 255—47.)



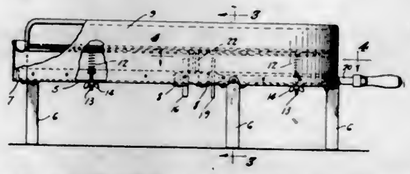
1. A mine drill, comprising a gear casing, a worm mounted therein, means for driving the same, a worm wheel mounted on a shaft and driven by said worm, reduction gears driven from said shaft, a drill shaft in substantial alignment with said worm wheel shaft and provided with a bearing therein, and a drill or auger mounted on said drill shaft.

1,572,068. ENGINE. EDWARD G. GOULD, Oakland, Calif., assignor to Advanced Engine Co. Inc., San Francisco, Calif., a Corporation of California. Filed Aug. 31, 1921. Serial No. 497,216. 7 Claims. (Cl. 123—43.)



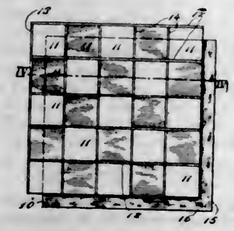
5. In an internal combustion engine of the character described, spaced longitudinally aligned cylinders rotating about a common axis and provided at their inner and outer ends with journals, inner and outer bearings receiving the journals, rotating pistons reciprocal within the cylinders, a piston rod connected to and rotating with the pistons and extending through the inner journals, a stationary cam housing located between the inner bearings and having a continuous annular cam, a rotating cross head arranged within the housing and rigidly connecting the inner journals and an arm carried by the piston rod and extending through the rotating cross head and engaging the annular cam.

1,572,069. GAME. FREDERICK KLINE, Santa Monica, Calif. Filed Apr. 9, 1925. Serial No. 21,775. 6 Claims. (Cl. 273—130.)



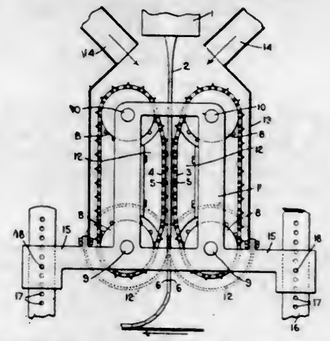
2. A toy comprising a horizontally disposed table which is inclined longitudinally and provided near its high end with a plurality of racer starting recesses, means for floating the table so that it may be vibrated, motor mechanism connected to said table to vibrate the latter, ovoid racers adapted for insertion within said recesses and to be discharged therefrom, and guards converging to an opening for the passage of a single racer at the low end of said table.

1,572,070. SURFACE COVERING. GUSTAVE KOLENSKI, Jamaica, N. Y. Filed Apr. 18, 1924. Serial No. 707,503. 2 Claims. (Cl. 72—18.)



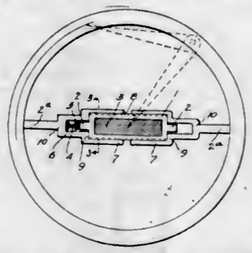
1. A composite tile-unit, comprising a rectangular, thin, flexible and non-frangible foundation-sheet, and a rectangular layer of tiles, of resilient yielding material having continuous, flat lower surfaces which are cemented to the said foundation-sheet, and the tiles being cemented together at their edges, a portion of the said sheet extending beyond each of two adjacent edges of the said layer of tiles to form lap-joints with adjoining units at said two edges of the tile layer, and the so-constructed tile-unit being flexible throughout and thus conformable to any unevenness of a surface to which the said foundation-sheet is to be cemented.

1,572,071. CANDY-CUTTING MACHINE. PHILIP B. LASKEY, Marblehead, Mass., assignor to William B. Laskey, Brooklyn, N. Y. Filed Aug. 30, 1923. Serial No. 660,243. 6 Claims. (Cl. 107—20.)



2. The combination with a candy extruding machine, of a cutting device to indent the candy strip at predetermined intervals as it issues from the extruding machine, and means to deliver an air blast on to the cutting device and also on to the candy strip before it is acted upon by said cutting device.

1,572,072. CENTER SUPPORT. JOSEPH MORENO, Los Angeles, Calif., assignor of one-half to Albert Mallner, Los Angeles, Calif. Filed May 18, 1925. Serial No. 31,047. 4 Claims. (Cl. 33—191.)

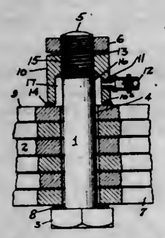


1. A device of the character described adapted to be received in a bore and comprising a supporting surface for the centers of compasses or the like, and a screw threaded in the end of the device and having an end contact plate adapted for turning of the screw relative thereto without axial displacement of the plate from the screw whereby turning of the screw will engage the contact plate and the opposite end of the device with the wall of the bore for clamping the supporting surface in the bore.

1,572,073. BOLT ADAPTER FOR LUBRICATING PURPOSES. CHARLES P. MURPHY, Cleveland, Ohio. Original application filed Sept. 25, 1922, Serial No. 590,246. Divided and this application filed Aug. 13, 1925. Serial No. 50,106. 4 Claims. (Cl. 267—50.)

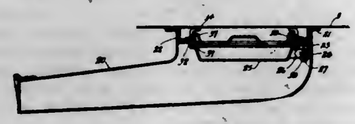
1. An apparatus of the character described, having in combination a leaf spring, a securing bolt extending

therethrough, and having a screw-threaded end projecting therebeyond, a member open at its under side to provide a lubricating receptacle and distributing space, and having a screw-threaded aperture extending centrally completely through its upper portion, and engaged upon



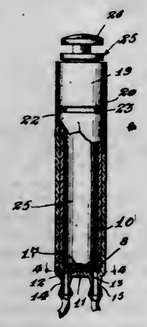
said screw-threaded end of said bolt to secure the same in position and a valved nipple seated in an opening formed in the side of said member through which lubricant may be introduced into said lubricating receptacle and distributing space and about said bolt.

1,572,074. BOAT. FRED N. NELSON, Seattle, Wash., assignor to Safety Boat Co., Seattle, Wash. Filed July 13, 1923. Serial No. 651,228. 4 Claims. (Cl. 114—182.)



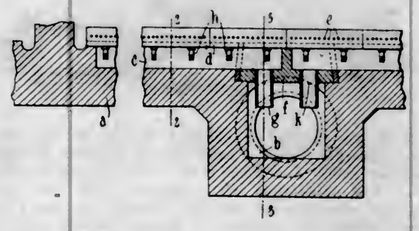
1. In a boat of the character described, a scrupper tube disposed in the longitudinal direction of the boat, and opening at its forward end through the deck and at its rearward end through the hull, a float valve within the tube operable automatically to closed position to prevent an inflow of water, and locking means for retaining the valve closed.

1,572,075. SYRINGE ASPIRATOR. WILLIAM GRAHAM PAINTER, Big Stone Gap, Va., assignor of one-half to Frank H. Nickels, Big Stone Gap, Va. Filed May 10, 1924. Serial No. 712,396. 3 Claims. (Cl. 128—214.)



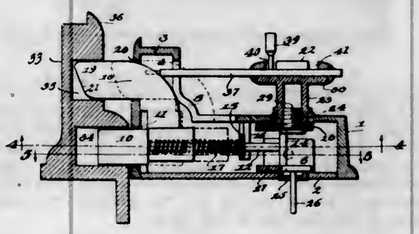
1. A syringe-aspirator comprising an outer cylindrical barrel having a plurality of ports adapted to be utilized as inlet and outlet ports, an inner cylindrical barrel rotatably and longitudinally shiftable in the outer barrel and adapted to be freely withdrawn from the outer barrel, said inner barrel having a single port selectively registrable with the ports of the outer barrel, there being a ground joint between the cylindrical inner barrel and the cylindrical outer barrel, and a piston fitted in the inner barrel.

1,572,076. FILTERING APPARATUS. WILLIAM PATERSON, London, England. Filed Feb. 4, 1925. Serial No. 6,883. 3 Claims. (Cl. 210—130.)



1. A filtering apparatus provided with a collecting and distributing system comprising a foundation having a series of channels therein constituting distributing and collecting headers, said foundation also having a main channel communicating with the channels of the series, collecting and distributing members secured in said channels having restricted openings in their under sides for establishing communication with the channels and perforated upon their upper and outer surfaces for securing an even distribution over the whole area of the filter bed.

1,572,077. DOUBLE LOCK. FRANCISCO HERNANDEZ Y PEREZ, Habana, Cuba. Filed Nov. 11, 1924. Serial No. 748,290. 1 Claim. (Cl. 70—46.)

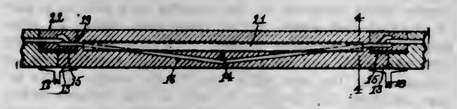


In a lock of the class described a casing, a latch bolt mounted for movement therein having a locking head and also a latching head, said latching head having a cam face, a spring to normally hold said bolt in projected position, and a keeper having a recess for engagement by the locking head, a recess for engagement by the latching head and also having a camming surface to cooperate with the cam face of the latching head, means including a knob to operate said latching bolt and a locking bolt mounted in said knob and arranged for longitudinal movement in either direction to hold said latching bolt in projected position or to permit release of the same.

1,572,078. BUILDING CONSTRUCTION. RALPH ST. L. PEVERLEY, New York, N. Y., assignor, by mesne assignments, to Structural Gypsum Corporation, New York, N. Y., a Corporation of Delaware. Filed June 27, 1921. Serial No. 480,903. 1 Claim. (Cl. 72—71.)

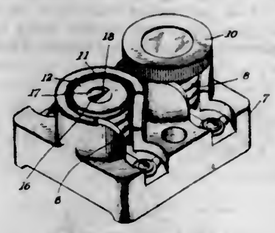
A preformed reinforced slab comprising a slab of plastic material provided with side flanges located at the bottom

of said slab, and having embedded in it a longitudinal reinforcing member inclined upwardly from near the center of the slab toward its opposite ends, and having embedded in it a longitudinal strengthening member for



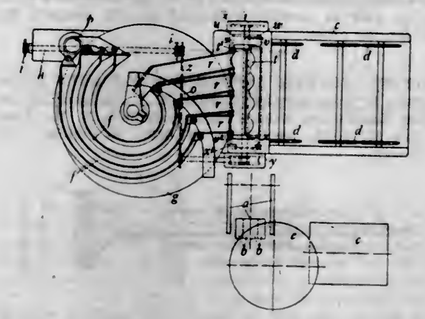
the upper portion of the slab which has its opposite ends supported by the inclined portions of the reinforcing member and forms with the latter a truss within said slab.

1,572,079. ELECTRIC GROUNDING PLUG. CLARENCE D. PLATT, Bridgeport, Conn. Filed Sept. 18, 1923. Serial No. 663,324. 3 Claims. (Cl. 173—358.)



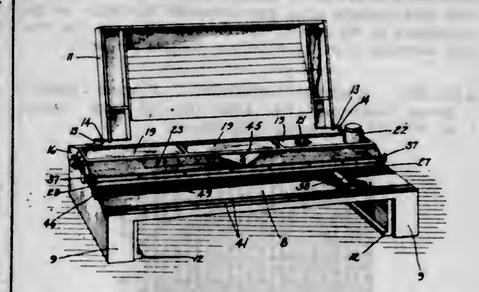
1. A plug having oppositely disposed screw driver engaging shoulders, screw driver disengaging inclines between the shoulders, and oppositely disposed key receiving recesses between the inclines.

1,572,080. DOUGH-MOLDING MACHINE. JOHN EDWARD POINTON, London, England, assignor to Baker-Perkins Company Incorporated, White Plains, N. Y. Filed Aug. 31, 1925. Serial No. 53,702. 5 Claims. (Cl. 107—9.)



2. In dough molding machines, the combination with a conical rotating table, of means whereby the movement of said table effects the simultaneous molding of the whole of the dough portions received from each discharge of a multiple box dough divider and delivers said molded portions on to a dough prover, said means comprising a plurality of spirally disposed troughs fixed above but adjacent the said table, and delivery arms between the outlet ends of said troughs and the said prover.

1,572,081. STENCILING APPARATUS. ADOLPH POKORNY, St. Paul, Minn. Filed Nov. 6, 1922. Serial No. 599,386. 10 Claims. (Cl. 101—126.)



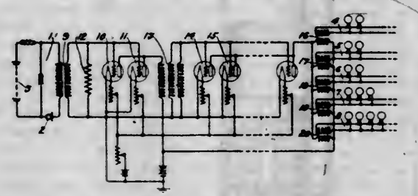
1. A stenciling apparatus comprising a bed, a bracket projecting forwardly thereon, and beneath which the card to be stenciled is moved, a bar hinged on the forward portion of said bracket and having means for engaging and clamping a card upon said bed under said bracket.

1,572,082. TEAPOT COVER. WILLIAM RAMGE, Brooklyn, N. Y., assignor to Simon W. Farber, Inc., Brooklyn, N. Y., a Corporation of New York. Filed Apr. 3, 1925. Serial No. 20,542. 4 Claims. (Cl. 53—8.)



1. A cover having two rims, the outer rim being located on the outside of the receptacle, the inner rim being located on the inside of the receptacle, and a spring attached to the inside of the cover and adapted to abut the top of the receptacle through holes in the inner rim.

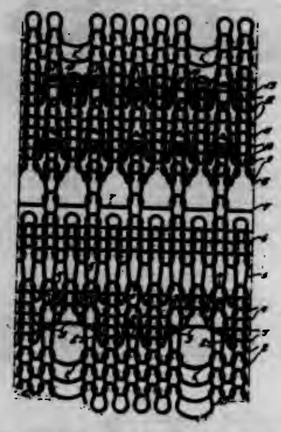
1,572,083. AMPLIFIER CIRCUITS. HARRY S. READ, Ithaca, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 27, 1920, Serial No. 376,909. Renewed Apr. 8, 1925. 12 Claims. (Cl. 179—171.)



1. An incoming line adapted to supply impulses to be amplified, a vacuum tube amplifier having a cathode, an anode and a control electrode, means connecting said control electrode and said cathode to said incoming line and maintaining the steady potential between said cathode and said control electrode at such a value that said amplifier operates on only the substantially straight part of its input voltage-anode current characteristic in repeating said impulses, the impulses supplied by said line

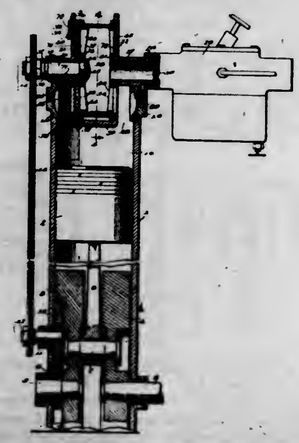
being sufficiently large to give said grid a potential which is positive with respect to the cathode, and the impedance of the line connected to said control electrode and said cathode being approximately the same as the impedance of the control electrode circuit when the control electrode is at its maximum positive potential.

1,572,084. KNITTED HOSIERY. HOWARD SEVERN REGAR, Norristown, Pa. Filed June 21, 1922. Serial No. 570,017. 1 Claim. (Cl. 66—4.)



A method of making tubular fabric consisting in knitting complete courses having looped drop stitches, then a welt of two courses, the tuck stitches of which immediately follow the drop stitch courses, then complete courses having tuck stitches, then a complete loose course, then complete plain ribbed courses, then complete plain clearing courses, then a complete plain ribbed course, then a welt of two courses, then complete plain ribbed courses, then a welt of a single course, and then courses having looped drop stitches.

1,572,085. VALVE. CHARLES WILLIS RISDEN, Hollywood, Calif. Filed Nov. 22, 1923. Serial No. 676,377. 16 Claims. (Cl. 123—190.)



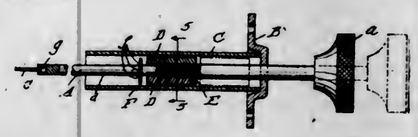
1. In an internal combustion engine, the combination of a cylinder having an integrally formed head, a valve housing formed integrally with the head and having its lower end projecting into the combustion chamber of the cylinder, an exhaust conduit in open communication with the housing, said valve housing where projected beyond the cylinder head being open to the atmosphere and provided with ports in the side walls of the housing where projecting into the combustion chamber, a rotary valve mounted in the housing and having a pair of annular side walls spaced from each other, an elongated intake chamber formed centrally and integrally with the walls and connecting the walls together, vanes connected to the side walls and to the walls of the intake chamber and located radially of the circular valve, a hollow sleeve connecting the interior of the intake chamber with the exterior of the cylinder, pairs of diametrically disposed ports through the side walls of the valve and opening into the intake chamber, and pairs of diametrically disposed exhaust ports formed in the spaced walls of the valve and located exteriorly of the intake chamber, the exhaust ports and the intake ports adapted to aline with the alined ports in the bottom of the valve housing, and a baffle plate disposed between one wall of the housing and a wall of the valve and provided with a port alined with the adjacent port in the wall of the housing, a shaft connected with one wall of the valve, and means adapted to be rotated for rotating the valve, the valve housing being open at its outer end whereby the valve is exposed directly to the atmosphere.

1,572,086. BOILER FURNACE. EDWARD T. RIBT, Oelwein, Iowa. Filed July 29, 1924. Serial No. 728,872. 4 Claims. (Cl. 110—37.)



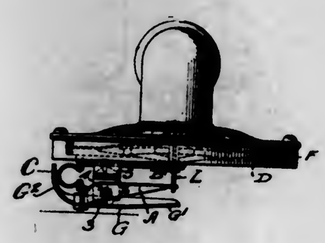
1. In a locomotive firebox, the combination of a plurality of brick supporting members therein, bricks forming a refractory fire arch, with said bricks arranged in engaging pairs between adjacent brick supporting members, the brick of each pair having at one end a bearing surface to engage upon said supporting members and the other end of said brick of each pair having a half-round tongue on one side thereof and a quarter round groove in the other side thereof at the corner and extending entirely across the same so that the tongue of one brick may engage in the groove of the associated brick of the pair to provide a mutual leaning support, the one for the other.

1,572,087. LOCKING DEVICE FOR SLIDABLE RODS. PAUL L. ROEHMHOLDT, Buffalo, N. Y., assignor to Irving Engineering Sales Company, Buffalo, N. Y. Filed Aug. 12, 1924. Serial No. 731,683. 16 Claims. (Cl. 74—39.)



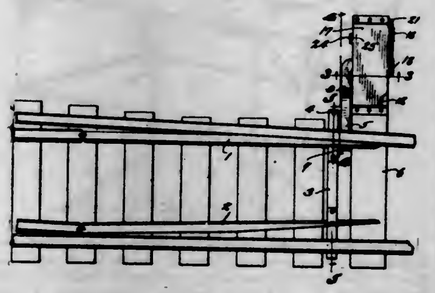
1. The combination of a member slidable in the direction of its length, a tube of non-circular cross-section into which said member extends, and an expansible member movable lengthwise in said tube and which is held against turning by the cross sectional shape of said tube, said expansible member and said slidable member having cooperating parts which expand said expansible member when said slidable member is turned, to cause said expansible member to frictionally engage said tube to hold said members against lengthwise movement.

1,572,088. GUARD FOR PHONOGRAPH REPRODUCERS. CHARLES E. SEMPLE, Jr., Youngstown, Ohio. Original application filed May 24, 1922, Serial No. 563,442. Divided and this application filed May 28, 1923. Serial No. 640,929. 5 Claims. (Cl. 274—29.)



2. In a sound reproducer of the class described, a bridge piece mounted on the reproducer frame, a stylus member pivotally mounted on said bridge piece and having a stylus point disposed at right angles to the diaphragm, and a guard member carried by the bridge piece and having an opening for permitting the stylus point to project therethrough, and said guard member paralleling the stylus member and masking the stylus member connection with the central portion of the diaphragm.

1,572,089. SAFETY DEVICE FOR RAILROAD SWITCHES. CHARLES SHAYOCK, Galena, Kans. Filed Oct. 5, 1925. Serial No. 60,534. 3 Claims. (Cl. 246—448.)



2. In a device of the class described, a switch point, a link connected to the switch point, a member wherein a part of the link slides, a lid for said member, and a shaft forming a hinge connection between the lid and said member, the shaft comprising a keeper connected to the lid and movable with the lid into and out of holding relation with respect to said part of the link.

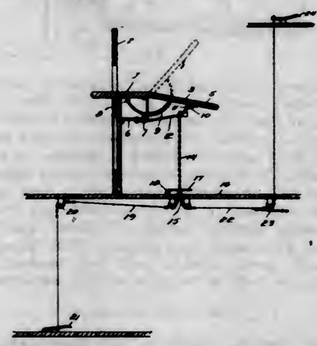
1,572,090. VENDING MACHINE. CLARENCE S. SMITH, Kansas City, Mo., assignor to The Blue Bird Products Company, Kansas City, Mo., a Corporation of Missouri. Filed Apr. 27, 1925. Serial No. 26,101. 5 Claims. (Cl. 273—138.)

1. In combination with a vending machine, a game device, comprising a casing, a panel in the casing, a pivoted tickler chute on the panel having an end in line with a slot in the top of the casing, means for moving one end of the chute about its pivot, a return chute at the bottom of the casing in line with the bottom of the



tickler chute, pins in spaced relation on the panel, and deflector members having spaces between their ends, the deflectors being inclined toward slots in the panel.

1,572,091. COUNTER GUARD. SEYBERT J. SMITH, Chadwick, Ill. Filed Jan. 28, 1925. Serial No. 5,404. 1 Claim. (Cl. 268—2.)

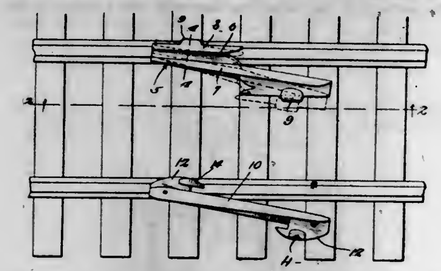


In combination with a counter, and a cashier's window above the same, an upwardly swinging lid hingedly secured to the inner edge of said counter adjacent said window, a bracket supported below the counter, a supporting arm secured at one end to said bracket and extending inwardly below said lid, a tongue secured on the bottom of the lid, a pivoted latch supported on the inner edge of said supporting arm and engaging said tongue for normally holding the lid in a position for use as a desk, foot operated means for releasing said latch from engagement, means for automatically swinging the lid upwardly to provide a protector shield for a person behind the window, said last mentioned means comprising a curved arm secured at one end to the bottom of the lid, the free end of said curved arm being disposed through an opening provided therefor in said supporting bracket, and an expansible coiled spring encircling the curved arm and disposed between said bracket and the bottom of the lid.

1,572,092. RERAILER. LAWRENCE F. SMITH, Hazard, Ky., assignor of one-half to William B. De Coursey, Hazard, Ky. Filed Aug. 20, 1925. Serial No. 51,437. 6 Claims. (Cl. 104—268.)

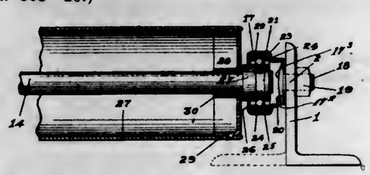
1. A rerailer including a body portion, outer and inner supporting surfaces forming a part of the body

portion, said outer and inner supporting surfaces adapted to accommodate the tread of a wheel being replaced,



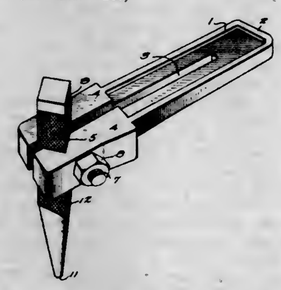
the outer flanges being of heights greater than the heights of the inner supporting surfaces, and hook members for securing the body portion to a rail.

1,572,093. BEARING. FRED STEBLER, Riverside, Calif. Filed Feb. 14, 1923. Serial No. 618,908. 1 Claim. (Cl. 308—20.)



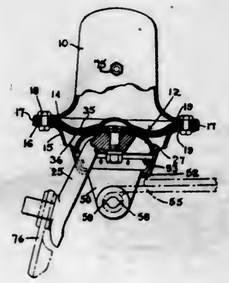
A combined radial and thrust ball-bearing, comprising a pressed metal housing open on opposite sides, one opening being of relatively small size, securing means received in said small opening for removably securing said housing to a fixed support whereby a chamber is formed in said housing, a shouldered annular recess adjacent the open side of said housing for receiving and holding in operative alignment a portion of said ball bearing, an inner bearing member having a raceway together with means for attachment to a support, balls interposed between said parts forming said ball bearing whereby said parts are held in complete unitary alignment.

1,572,094. TOOL. WILLIAM H. TODHUNTER, Picher, Okla. Filed May 12, 1924. Serial No. 712,849. 1 Claim. (Cl. 306—40.)



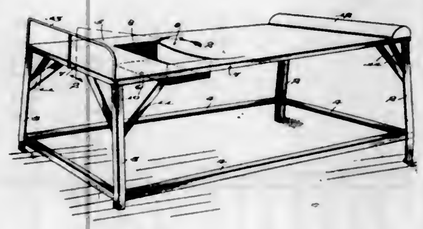
In a device of the character described, a handle having a longitudinal slot extending inwardly from one end, said handle being provided with an opening adjacent its slotted end, and being further provided with a transverse bore intersecting said opening, a tool received in said opening and a clamping bolt arranged in said bore, said tool being provided with a recess adapted to receive a portion of said bolt.

1,572,095. SHOCK ABSORBER. EDWARD VAN DER PYL, Holden, Mass. Filed Sept. 10, 1923. Serial No. 661,731. 13 Claims. (Cl. 267—65.)



1. A shock absorber for relatively movable vehicle parts comprising an open-ended casing, a diaphragm secured thereacross, means to connect the casing with one vehicle part, a support for the diaphragm connected with the other vehicle part, and a clamping device to fasten the diaphragm against said support which has a stop adapted to engage the support and prevent the diaphragm from being compressed to a detrimental extent.

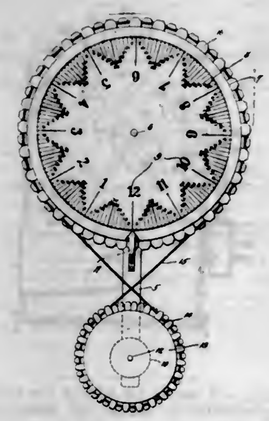
1,572,096. DOUCHE TABLE. HUGH F. WAGLEY, Mineral Wells, Tex. Filed Aug. 11, 1925. Serial No. 49,625. 1 Claim. (Cl. 45—50.)



A sanitary douche table comprising a top frame, pairs of legs at the end extremities of the table of which one pair is shorter than the other, a bottom frame extending from leg to leg near the bottom of the legs, a single piece, substantially smooth table top applied to and fitted around the top frame, the head and foot portions of said top lying in the same plane, said top being provided with an opening therein near the foot thereof and a concaved depression sloping toward the foot of said table to one edge of said opening, and a drain pan having an outlet therein made integral with said top and fitted around said opening.

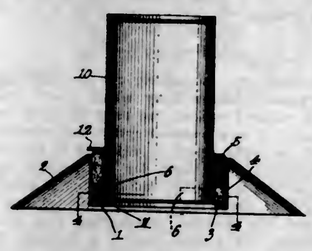
1,572,097. TIMEPIECE. NILS P. WALTERS, Fort Madison, Iowa. Filed Mar. 12, 1925. Serial No. 14,999. 1 Claim. (Cl. 58—126.)

In a time piece, a dial having lines formed thereon, the lines extending inwardly from the edge thereof and terminating appreciable distances from the edge, the spaces between the lines indicating hourse of the day, said dial having lines shorter than the first mentioned lines dividing the spaces between the first mentioned lines into spaces indicating minutes, the last mentioned lines varying in length, and having their inner ends arranged in step-like relation with respect to each other and vary-



ing in lengths to lines intermediate the first mentioned lines, an indicating hand cooperating with the dial to indicate time, and means for rotating the dial.

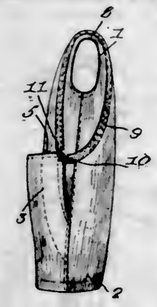
1,572,098. FLY POISONER. FRED WIGGINS, Louisville, Ky. Filed Aug. 24, 1925. Serial No. 52,052. 2 Claims. (Cl. 43—131.)



1. A fly poisoning device comprising a double walled bowl-shaped space open at its top with an absorbent pad arranged between said walls and projecting above the upper edges thereof, peripherally spaced openings in the inner wall of said base at the lower end thereof, a recess in said pad adjacent one of said openings and a liquid container in the form of an invertible tank adapted to be inserted in said bowl at the lower end thereof fitted therein and provided with an air opening communicating with that of the base.

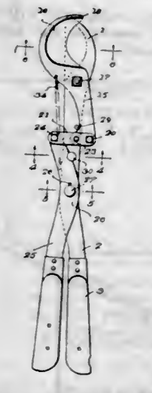
1,572,099. DROP SEAT FOR GARMENTS. JEAN-BAPTISTE CHARLES ADAM, Sault Ste. Marie, Ontario, Canada. Filed July 22, 1924. Serial No. 727,551. 2 Claims. (Cl. 2—78.)

2. A garment comprising a body portion, legs depending therefrom, a drop seat formed with said legs, pipings passed over the shoulders of said body portion, said pipings having their ends directed towards said seat, and elastic members passed through said pipings and having



their ends secured only to the seat, whereby said members normally hold the seat in its closed position when the wearer is standing.

1,572,100. PRUNING DEVICE. FRED H. BLODGETT, Wakefield, Mass. Filed Aug. 24, 1923. Serial No. 659,228. 2 Claims. (Cl. 30—11.)

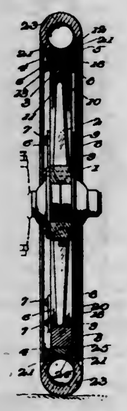


1. A pruning shears comprising a flat shank terminating in a blade, an arcuate blade having a shank arranged over and pivotally secured to the first mentioned shank, said blade having its outer end pointed and disposed at an outward angle with respect to the fixed blade, a link pivotally secured to the shank of the movable blade, a pin passing through the link and loosely received in the end of the shank for permitting a limited swinging movement of the link on the shank, an operating handle pivoted to the link and having an arcuate slot, an anti-frictional element on the first mentioned shank and passing through said slot, means limiting the swinging of the fixed blade with respect to the stationary blade, and spring means influencing the movable blade to open position.

1,572,101. AUTOMOBILE WHEEL RIM. WALLACE BOWLES, Meadow Creek, W. Va., assignor, by direct and mesne assignments, of four-twentieths to John I. Scott, Meadow Creek, W. Va., and one-twentieth to James E. Decker, Sacoma, W. Va. Filed June 12, 1923. Serial No. 644,902. 5 Claims. (Cl. 152—21.)

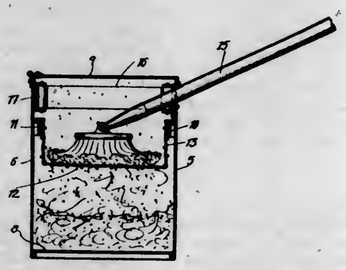
1. The combination of a felly having a plurality of depressions, a rim section fitted on the felly and having a flange to be engaged by one side of a tire, a removable rim section having a flange to engage the opposite side of

the tire, lugs on said removable rim section having threaded openings coinciding with said depressions, and screw plugs having a swiveled mounting in said de-



pressions and being engageable with said threaded openings to draw the removable rim section toward the tire and bind it in place.

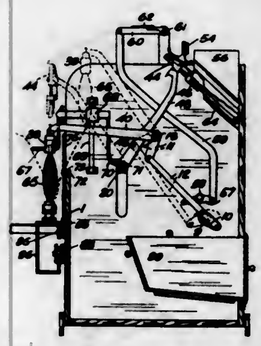
1,572,102. MOP-CLEANING DEVICE. WILLIAM BRAUNSDORF, New York, N. Y. Filed Oct. 22, 1924. Serial No. 745,258. 8 Claims. (Cl. 15—142.)



2. A dust collector for mops and the like comprising a receptacle having a closure or cover and an opening in the front wall thereof for the reception of a mop handle, means for partly closing said opening while the mop handle is being manipulated within the receptacle and a foraminous member supported within the receptacle whereby the dust or dirt may be removed and fall into the bottom of said receptacle.

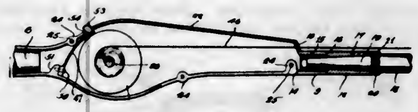
1,572,103. DOFFING APPARATUS FOR SPINNING FRAMES. ROBERT BURNETT BUCHANAN, Hamilton, Ontario, Canada. Filed June 24, 1925. Serial No. 39,378. 25 Claims. (Cl. 118—18.5.)

1. In a doffing machine for spinning frames, the combination with the spinning frame bobbin spindles, of a movable casing including a full bobbin receiving receptacle, an empty-bobbin hopper, an oscillatable shaft longitudinally slidable in the casing, arms thereon, full bobbin gripping chucks on the arms, a second oscillatable shaft, arms thereon, empty bobbin gripping chucks on the arms, means for successively swinging the shafts to bring the respective full and empty bobbin chucks into their bobbin gripping position and into the chuck releas-



ing position, and means for sliding the full bobbin arm shaft longitudinally to escape the arms of the empty bobbin arm shaft.

1,572,104. FISHING REEL. SELDEN J. BUDD, Manhasset, N. Y., assignor of one-half to Charles W. Smith, Great Neck, N. Y. Filed Apr. 16, 1925. Serial No. 23,650. 4 Claims. (Cl. 43—20.)



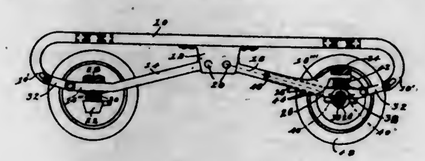
1. In a means for connecting the butt and the rod of a fishing pole, a hollow body which tapers rearwardly to form a reduced socket, the body tapering forwardly and terminating in a reduced cylindrical extension, that portion of the body which is adjacent to the inner end of the extension being open for the passage of a line, a ferrule having a reduced end defining a shoulder, the reduced end of the ferrule being threaded into the extension, and the shoulder cooperating with the end of the extension, the ferrule having a tapered bore, the major portion of which is smooth and the outer end of which is threaded, a pole having a smooth conical end received in the smooth portion of the bore of the ferrule, the pole also having a short threaded part cooperating with the threaded part of the ferrule, a butt mounted in the socket, and a reel journaled in the body.

1,572,105. GOLF-BALL TEE. EDMUND JOSEPH BYRNE, Piccadilly, London, England. Filed Nov. 28, 1921. Serial No. 517,281. 5 Claims. (Cl. 273—33.)



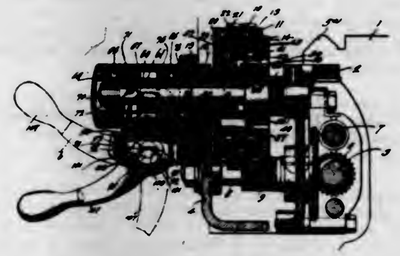
1. A golf ball tee comprising a rubber base, a reinforced ball supporting cup portion, an anchor weight for said base, and "insertion" material between said weight and the rubber of the base.

1,572,106. SPRING MOUNTING. WILLIAM CLAUSON, Boston, Mass. Filed Mar. 18, 1922. Serial No. 544,798. 8 Claims. (Cl. 267—11.)



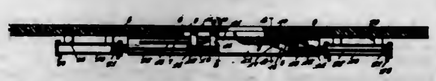
1. Mounting means for the chassis of a vehicle, comprising levers connected at one end to the running gear and at the other end fulcrumed to the chassis, whereby the relative movement of the chassis and running gear is effected; said fulcrumed ends having intermeshing segments adapted to cause simultaneous movement of the levers, whereby the chassis moves toward and away from the running gear; and spring means, coacting with the levers to oppose movement of the chassis and running gear toward each other, between each lever and the axles whereby movement of the axle ends relative to the chassis is permitted without movement of the levers.

1,572,107. APRON DISK TRANSMISSION MECHANISM. FRANCIS BEAUFORT COCKBURN, Cincinnati, Ohio, assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Feb. 21, 1924. Serial No. 694,219. 16 Claims. (Cl. 82—22.)



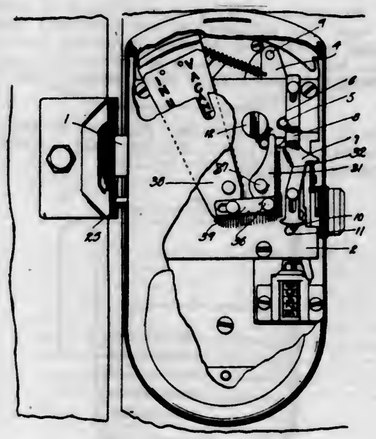
1. In a device of the class described, a rotatable and shiftable clutch member having an abutment thereon, cooperable clutch members at relatively opposite sides of said shiftable clutch member alternately engageable by said member for movement in unison therewith, expansible elements at relatively opposite sides of and engageable with said abutment, said elements acting counter to one another, and means for compressing either element while simultaneously decompressing the other, whereby said elements are alternately activated to engage said abutment and correspondingly move said shiftable clutch member, for alternate clutch engagement with said cooperable clutch members.

1,572,108. POWER-OPERATED DOOR. FELIX OSTROUT DE CARIE, Sacramento, Calif. Filed May 5, 1924. Serial No. 711,177. 3 Claims. (Cl. 268—3.)



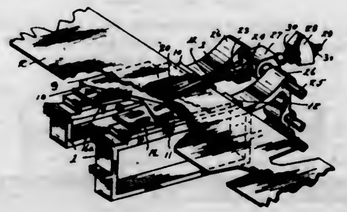
1. In a device of the character described, a floor having an opening, a trackway under the opening, a carriage adapted to move longitudinally of the trackway, pivoted link members mounted on the carriage, a door having pivotal connection with the upper ends of the link members, means for moving the carriage, and said door adapted to move upwardly to close the opening in the floor.

1,572,109. LOCK. JOSEPH R. DUMONT, Kansas City, Mo., assignor to Maude Frances Dumont, Kansas City, Mo. Filed Jan. 15, 1925. Serial No. 2,585. 7 Claims. (Cl. 292—153.)



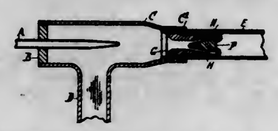
1. A lock comprising a casing, a locking bolt in the casing, means for normally urging the locking bolt into locking position, a detent having a hooked end normally urged into the path of movement of the locking bolt to prevent its retraction, a supplemental bolt for actuating the detent to retain the hooked end away from the path of movement of the locking bolt when the supplemental bolt is in projected position and to permit the hooked end to move into the path of movement of the locking bolt when the supplemental bolt is moved to retracting position, and means for normally urging the supplemental bolt out of retracting position.

1,572,110. SHEARING DEVICE FOR ENVELOPE-MAKING MACHINES AND THE LIKE. JAMES DUVALL, Camas, Wash. Filed Apr. 27, 1922. Serial No. 556,873. 7 Claims. (Cl. 164—61.)



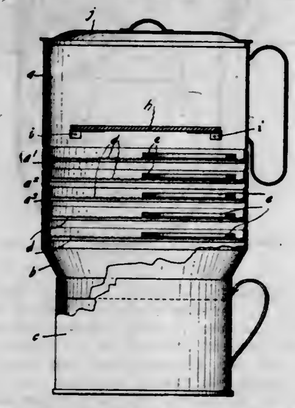
1. In a machine of the character described, shearing devices comprising a stationary shearing element and moving shearing elements, the latter located oppositely, one on each side of the path of the strip to be severed, said moving shearing elements being arranged and operated to move against, and to intersect, the plane of the stationary shearing element simultaneously at an oblique angle.

1,572,111. PREPARATION OF AERATED BEVERAGES. OWEN AUBREY ELIAS, London, England. Filed Mar. 20, 1923. Serial No. 626,436. 3 Claims. (Cl. 167—7.)



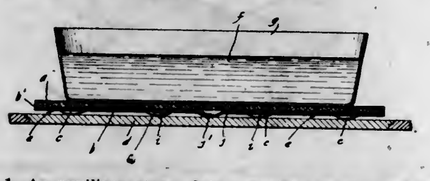
2. The treatment of liquids with helium by introducing same with carbonic acid into a diffusing chamber, through an intimately admixing device and thence into a gas holder whence the gases are extracted and introduced into the liquid in known manner.

1,572,112. FLOUR SIFTER. FLORENCE M. FORGESON, Portland, Oreg. Filed July 14, 1924. Serial No. 725,893. 2 Claims. (Cl. 209—323.)



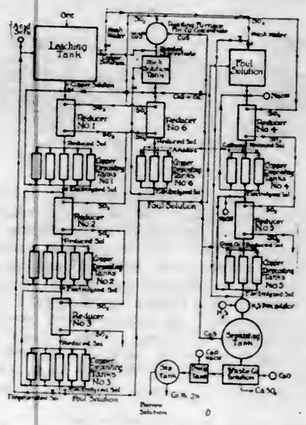
1. In a sifter of the character described, a receptacle provided with a transverse sieve, a ring-like agitator loose on said sieve, and in diameter adapted for lateral play between the walls of said receptacle on said sieve, and an imperforate shed fixed within the receptacle over the central portion of said sieve for the purpose described, said shed being relatively spaced from said sieve to permit the agitator limited free movement on the latter, at the same time operatively holding the agitator on the sieve during the shaking of the sifter, and said shed being diametrically proportioned to cover a substantial part of said agitator and sieve.

1,572,113. AUXILIARY STOVE PLATE. ELEANOR J. GOLDEN, Portland, Oreg. Filed June 3, 1925. Serial No. 34,724. 6 Claims. (Cl. 126—22.)



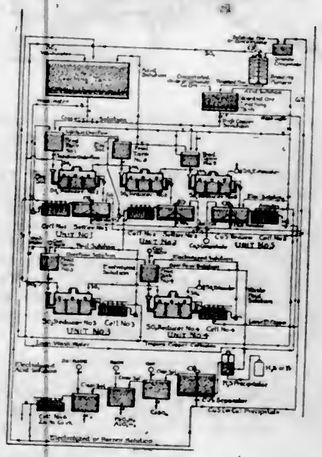
1. An auxiliary stove plate comprising a disc of heat resisting material, a metal covering for the under side thereof, said disc and its covering being arranged to constitute an imperforate element, said metal covering being formed with a plurality of knobs on the under side arranged to support the auxiliary plate in spaced relation to the stove plate on which it is set.

1,572,114. METALLURGICAL PROCESS. WILLIAM E. GREENAWALT, Denver, Colo. Filed Sept. 2, 1924. Serial No. 735,303. 23 Claims. (Cl. 204—15.)



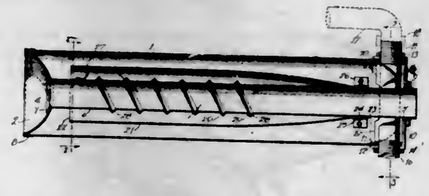
1. A process comprising leaching copper ore with an acid solution to extract the copper, alternately subjecting the resulting copper solution to the action of a reducing agent and to the action of electrolysis to deposit the copper and regenerate acid and repeating the cycle of leaching, reduction, and electrolysis until the solution becomes fouled with impurities, then diverting a portion of the foul solution to a separate electrolytic circuit, reducing the acidity of the diverted foul solution, and then again alternately subjecting the diverted foul solution to the action of a reducing agent and to the action of electrolysis.

1,572,115. METALLURGICAL PROCESS. WILLIAM E. GREENAWALT, Denver, Colo. Filed Dec. 1, 1924. Serial No. 753,134. 13 Claims. (Cl. 204—15.)



1. A metallurgical process comprising leaching ores of copper with an acid solution, electrolyzing the resulting metal solution in a series of electrolytic units each comprising a feed tank a reducer and an electrolyzer, maintaining a substantially constant flow of electrolyte in a closed circuit in each of the respective units, and bypassing excess electrolyte through the feed tanks of the respective electrolytic units.

1,572,116. MUFFLER. FREDERICK JOSEPH HERDLE, Chicago, Ill. Filed Apr. 7, 1924. Serial No. 704,882. 5 Claims. (Cl. 137—160.)



1. A muffler comprising a casing having exhaust gas inlet openings, a pipe disposed in said casing, a tube inclosing said pipe, said pipe having a helical rib therein, said rib having openings therein to permit the gases to pass from said casing through said openings and into said pipe, said gases being broken up into small streams by said openings whereby the gases are expelled in a constant stream from said pipe.

1,572,117. THERMOELECTRIC ELEMENT. OTTO HERMANN, Chicago, Ill., assignor to Thermo Electric Battery Company, Chicago, Ill., a Corporation of Illinois. Filed May 4, 1925. Serial No. 28,034. 1 Claim. (Cl. 136—5.)

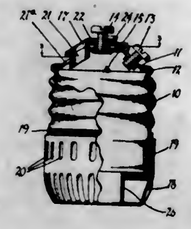
A thermo-electric element consisting of an alloy composed of substantially 81% of nickel, 17% of molybdenum, and 2% of vanadium.

1,572,118. BUMPER. FRANK J. LAHER, Portland, Oreg. Filed June 29, 1925. Serial No. 40,314. 13 Claims. (Cl. 293—55.)



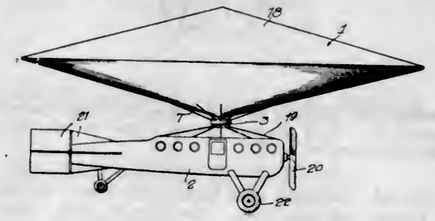
1. In a bumper, in combination with a bumper-bar, an end piece fixed on each end of the bar, said ends and said pieces being provided with registering bolt holes, each of said end pieces being provided with a cavity to receive the adjacent bar-end and with a tangential projection arranged to overlie the front face of the latter.

1,572,119. ATTACHMENT PLUG. STANLEY MCCLATCHIE, Cambridge, Mass., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 20, 1920. Serial No. 425,328. 2 Claims. (Cl. 173—359.)



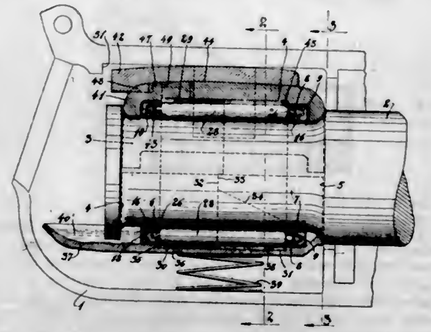
1. A swivel shell attachment plug comprising a threaded shell contact, a sheet metal cap member extending across the inner end of said threaded shell contact, and having a swivel connection therewith, a binding plate member mounted on said sheet metal cap and insulated therefrom, a binding screw threaded into said binding plate, said cap member having an opening therethrough, and an eyelet member extending through said opening for the conductor leading to said binding screw, said eyelet and said binding plate member being formed as parts of an integral sheet metal stamping.

1,572,120. FLYING MACHINE. EARL A. PARKER and CLAUDE W. MASSINGHAM, Poplar Bluff, Mo. Filed Apr. 14, 1924. Serial No. 706,585. 4 Claims. (Cl. 244—6.)



1. A flying machine comprising a lighter than air sustaining body consisting of a superstructure having the upper and lower surfaces thereof tapered, gas inflated bodies retained in spaced relation within said superstructure, a carriage, a circular swivel ring fixedly connected to the under side and central portion of the superstructure, a circular band, rollers fixedly connected in spaced relation to said band and movably received in the circular ring, and means for effecting connection between said carriage and said band.

1,572,121. JOURNAL-BOX BEARING. HUBBARD PARKER, Chicago, Ill.; Jennie C. Parker executrix of said Hubbard Parker, deceased. Filed Nov. 7, 1921. Serial No. 513,458. 16 Claims. (Cl. 308—180.)

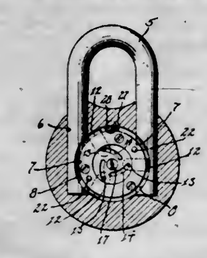


1. The combination with a railway car journal and a railway car journal box, of a roller bearing disposed over said journal, a sleeve disposed over said bearing, said sleeve being composed of two interlocking sections, and an oil pan disposed below said bearing, said bearing sleeve, and oil pan being assembled in said box without the necessity of removing said journal from the box, said sleeve engaging with said oil pan to hold the latter in place.

1,572,122. PADLOCK. JOSEPH PIETRIE, Chicago, Ill. Filed June 9, 1925. Serial No. 36,017. 7 Claims. (Cl. 70—108.)

1. A padlock of the character described comprising a body member having a bore therein, a shackle having portions arranged for projection into said body member,

said shackle having parts thereof cut away so as to conform with the contour of the walls of said bore, a core arranged to enter said bore in said body member and

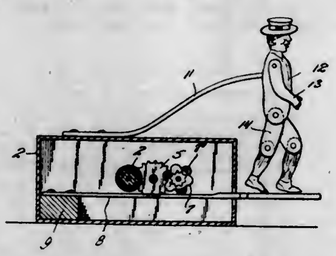


engage with the body member and with the shackle, and means for locking the core against movement relative to the body member.

1,572,123. METHOD FOR MAKING BUTTER. BARTOL PLISIC, Whitehall, Mont. Filed Apr. 25, 1925. Serial No. 25,930. 1 Claim. (Cl. 31—89.)

A method of making butter consisting in raising the temperature of milk to substantially blood heat and maintaining such temperature while subjecting the same to a churning operation until the milk is in the form of a white light cream, then skimming off the butter, then melting the butter into a liquid state, and then cooling the same.

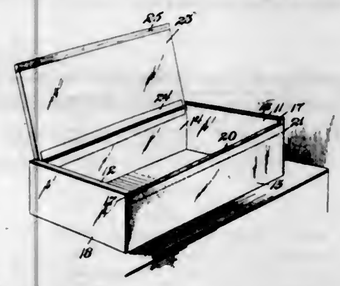
1,572,124. DANCING TOY. ALBERT G. BALDRIDGE and LOUIE D. ROBERTS, Fulton, Ky.; said Louie D. Roberts assignor to J. Alfred Hornbeak and Paul M. Hornbeak, both of Fulton, Ky. Filed Apr. 25, 1924. Serial No. 708,957. 1 Claim. (Cl. 46—40.)



A dancing toy comprising a casing, a spring board mounted therein and having an end portion extending beyond the side wall of the casing, a shaft journaled in the casing and disposed transversely across the spring board, spaced cam members mounted upon the shaft and disposed above the opposite side edge portions of the spring board, the said cam members having cam edges which are in staggered relation with respect to each other, the cam edges at one side portion of the spring board being located opposite the spaces between the cam portions at the other edge portion of the spring board, a motor housed within the casing and operatively connected with said shaft, a flexible arm mounted upon the casing, a body carried by the upper free end of said arm and having pivotally joined sections which engage the spring board beyond the side of the casing.

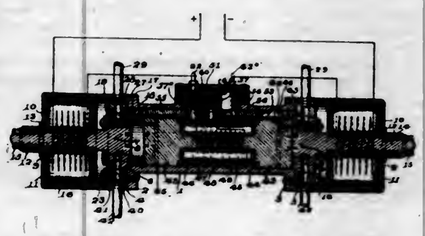
1,572,125. CARDBOARD BOX. LOUIS BINDER, Newark, N. J. Filed Oct. 11, 1923. Serial No. 667,854. 2 Claims. (Cl. 229—6.)

1. A box comprising a cardboard blank having side walls and end walls the end walls being higher than the side walls and having recesses at their side edges to receive the side walls and the front side wall including



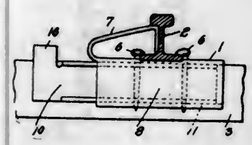
a wooden strip at its top edge extending so as to be seated under the top edge of the recesses of the end walls.

1,572,126. ELECTROMAGNETIC COMPRESSOR. EMIL BOTHNER, Floral Park, N. Y. Filed Oct. 3, 1923. Serial No. 666,227. 6 Claims. (Cl. 103—53.)



1. A pump, comprising a casing, a reciprocatory member having a portion formed of magnetic metal, a winding surrounding said metallic portion and adapted to be connected in an electric circuit, an electro-magnet adjacent to each of the opposite ends of said casing and also adapted to be connected in an electric circuit, a reciprocatory commutator operative whereby the magnetism of said member and one of the end magnets draws the former in one direction, and then whereby the magnetism of said member and the other end magnet draws said member in the opposite direction, and valves controlling the passage of fluid from said casing alternately to the opposite sides of said commutator, whereby residual fluid pressure when said first member approaches the end of a stroke reciprocates said commutator into its respective magnet-controlling positions.

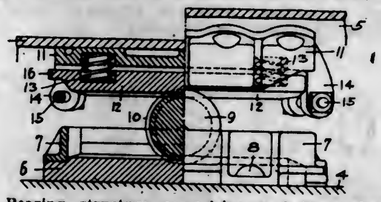
1,572,127. RAIL-SUPPORTING DEVICE. JOHN W. BREWER, Magna, Utah, assignor of one-half to M. A. Ward, Magna, Utah. Filed Sept. 3, 1925. Serial No. 54,258. 12 Claims. (Cl. 238—299.)



1. In combination with a rail and a tie extending transversely therebeneath, of a perforated tie plate between the rail and tie having flanges extending downward along the sides of the tie, one of which is inclined away from the other a tapering wedge having a driven

fit between, the inclined one of said flanges and the side of the tie, and spikes extending through the perforations in the tie plates and securing the base of the rail down against such plate.

1,572,128. SIDE BEARING FOR CAR TRUCKS. ANDREW CHRISTIANSON, Butler, Pa. Filed Dec. 13, 1924. Serial No. 755,752. 3 Claims. (Cl. 308—226.)



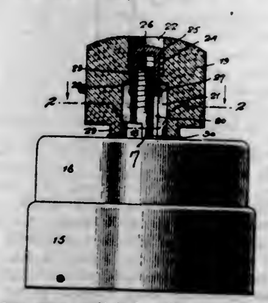
1. Bearing structure comprising a bottom plate, a roller mounted on said plate, an upper bearing plate above the roller and normally supported thereby, a housing partially enclosing said upper plate, releasable means for limiting the downward movement of said upper plate with respect to said housing when out of engagement with said roller, and means for biasing the upper plate toward its lower extremity of movement.

1,572,129. SPRING WHEEL. SHERWIN M. COAN, Allston, Mass. Filed Mar. 21, 1925. Serial No. 17,193. 3 Claims. (Cl. 152—28.)



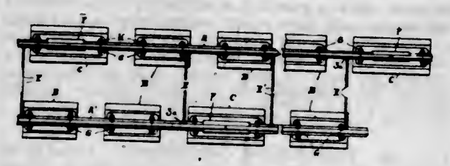
1. In a spring wheel, a front housing wall, a back housing wall provided with a central opening, a rim attached to the walls, annularly arranged transversely disposed rods fixed in the walls, helical springs surrounding the rods, a disk between the walls provided with a central opening, a laterally extending peripheral flange upon the disk, an annular shoulder upon an intermediate portion of the disk concentric with the flange, said disk being provided with openings to allow passage of the springs therethrough, means for attaching the sides of the springs to the flange and shoulder, and a hub ring surrounding the central opening of the disk.

1,572,130. SWITCH HANDLE. HENRY O. ENGSTROM, Bridgeport, Conn., assignor to The Bryant Electric Company, Bridgeport, Conn., a Corporation of Connecticut. Filed May 14, 1924. Serial No. 713,276. 6 Claims. (Cl. 200—172.)



1. A rotary snap switch handle comprising an insulating button pierced to afford a way for the threaded end of the rotary switch spindle, a lateral bay opening to the spindle way means associated with the spindle and entering said way to establish drive connection between the handle and spindle, and at the outer end of the button a well of greater diameter than the spindle way and to the bottom of which the latter opens, a spindle-engaging screw ferrule secured against rotation in said well but displaceable toward the spindle, and a spring interposed between said ferrule and the bottom of the well and opposing the rectilinear displacement of the ferrule with respect to the button.

1,572,131. RAILWAY-TRACK CONSTRUCTION. HARRY ETHERIDGE, Zelienople, Pa. Filed Aug. 13, 1924. Serial No. 731,751. 6 Claims. (Cl. 238—25.)



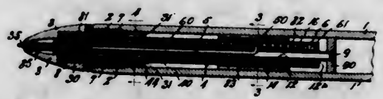
1. A railway track structure wherein the two parallel rails are mounted on individual supports extending longitudinally of the rail, the alined rails having unbonded joints and the parallel rails being bonded together by metal tie-rods having their ends welded to the rails, the supports of the parallel rails being unconnected.

1,572,132. PLANIMETER. LOUIS LARRAZABAL Y FERNANDEZ, Habana, Cuba. Filed Dec. 5, 1922. Serial No. 605,118. 2 Claims. (Cl. 33—122.)



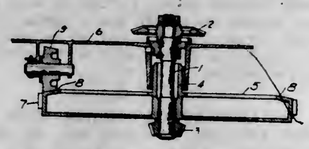
1. A planimeter comprising a needle, a horizontal ring around the same, provided with three lower equidistant heels for bearing on a plane, the said ring being concentric with the tip of the needle and being provided with a curved raised arm arranged on the longitudinal vertical plane of the planimeter and terminated in a collar which fits on the stem of the needle.

1,572,133. MAGAZINE-FED PENCIL. AMBROSE FLEMING, Washington, D. C. Filed Mar. 16, 1923. Serial No. 625,557. 12 Claims. (Cl. 120—18.)



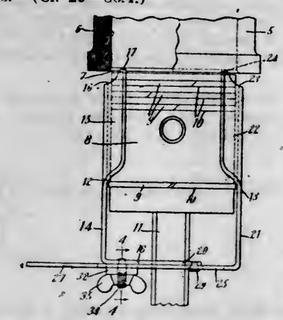
1. In a writing device of the character described, a casing having a pencil point passage, a fixedly held pencil lead receiver from which the lead is passed through the point passage, a plunger cooperative with the said receiver, a magazine within the casing having a series of independent lead carrying pockets that surround the receiver and from which the leads are individually dropped into the receiver, a closure device interposed between the receiver and the lead pockets having a passage through which a lead can pass from the pocket into the receiver and means for effecting rotation of the closure device for bringing its passage in register with the receiver and a selected one of the lead holding pockets.

1,572,134. REMOVABLE WHEEL. MITCHELL L. FYKSE, Milwaukee, Wis., assignor to Bucyrus Company, South Milwaukee, Wis., a Corporation of Wisconsin. Filed July 21, 1922. Serial No. 576,603. 9 Claims. (Cl. 212—69.)



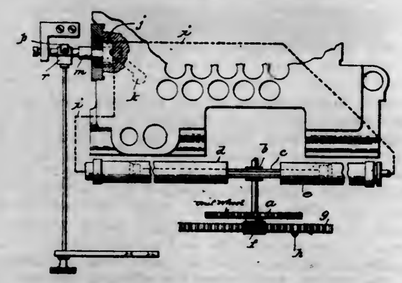
1. In a turntable, the combination of a revolving frame, a track, a plurality of rollers resting thereon and supporting said frame, said rollers being removable in a substantially axial direction, while said frame and said track are in normal relation to each other, and a bushing for each of said rollers, each bushing transmitting the end-thrust of its roller directly to said frame.

1,572,135. PISTON-RING COMPRESSOR. CHARLES R. GILLIS, Boston, Mass., assignor of one-half to George F. Taft and one-half to Norman S. Waite, both of Boston, Mass. Filed Dec. 12, 1923. Serial No. 680,243. 6 Claims. (Cl. 29—86.4.)



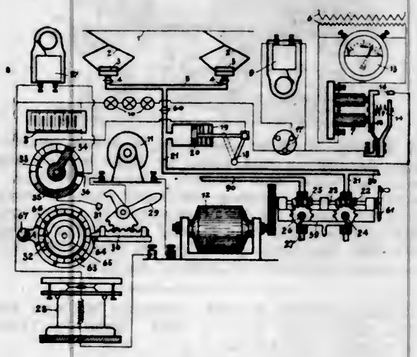
1. A piston ring compressor comprising, in combination, a pair of parallel members provided with oppositely disposed curved portions spaced apart and adapted to embrace a piston and confine the piston rings thereof within their respective grooves, means to hold said members in sliding interlocking engagement one with the other and means to clamp said members together.

1,572,136. LANSTON MONOTYPE PERFORATING MACHINE. WILLIAM J. GIBBIN, Washington, D. C. Filed Mar. 29, 1920. Serial No. 369,574. Renewed June 20, 1924. 2 Claims. (Cl. 164—112.)



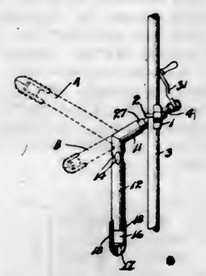
1. In a perforating machine of the Lanston pneumatic type, embodying an air-supply-conduit, a reversing valve and cylinders for driving the unit-rack, a valve inserted in the air-supply-conduit between the source of pressure and the reversing-valve, said valve being adapted to close said supply passage and to simultaneously vent the valve-chamber and the unit-rack driving cylinders, for the purpose set forth.

1,572,137. BLOCK-SIGNAL SYSTEM. FRITZ GRÜNIG, Thun, Switzerland. Filed Feb. 10, 1922. Serial No. 535,661. 4 Claims. (Cl. 246—4.)



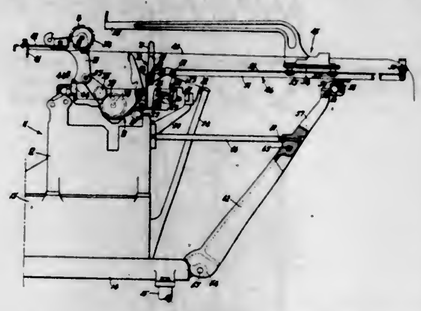
1. A control device for electric railway locomotives comprising an electric circuit; means in said circuit for automatically sounding a general alarm signal; a clockwork switch in said circuit adapted during its normal closed position to control said means; and a platform circuit breaker which is adapted, while occupied by the engineer of the locomotive, to prevent the operation of said means and to actuate said means when unoccupied.

1,572,138. MOTOR-VEHICLE SIGNAL. HENRY C. HACHMUTH, Comstock Park, Mich. Filed Feb. 26, 1923. Serial No. 621,278. 8 Claims. (Cl. 116—54.)



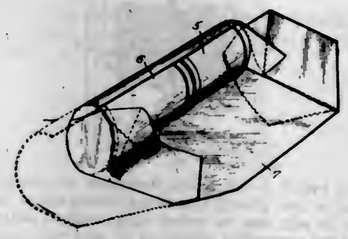
1. In a device of the class described, in combination with the body of a motor vehicle, a signal member attached thereto, said signal comprising two tubular parts located at an obtuse angle to each other, means for manually rotating said signal whereby the same may be moved to a plurality of different positions, in one of which one of the parts of the signal member lies substantially parallel and alongside of the vehicle, in another extends upwardly and outwardly at an angle thereto, in another downwardly and outwardly at an angle thereto, and in still another outwardly and forwardly at an angle thereto, substantially as described.

1,572,139. TYPEWRITING MACHINE. WILLIAM F. HELMOND, Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 29, 1922. Serial No. 609,560. 8 Claims. (Cl. 197—126.)



1. In a front-strike web-typewriting machine, the combination of a revoluble platen, a carriage therefor, means at the introductory side of the platen and connected to said carriage to present a work-web to the platen, a carbon-stripper movable along the web, said platen normally far below the level of the web at the introductory side of the platen, a platen-line-space wheel upon said carriage, a pinion mounted upon said carriage and connected to the line-space wheel, said platen having upon its end a gear normally meshing with said pinion, and a platen-frame hinged upon said carriage to swing the platen and platen-gear up away from said pinion and to a position above the straightened-out web preparatory to stripping the carbons that are interleaved with the piles of web.

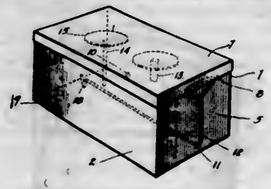
1,572,140. CONTAINER. OTTO A. HEPPES, Chicago, Ill. Filed Mar. 11, 1920. Serial No. 365,018. 1 Claim. (Cl. 206—59.)



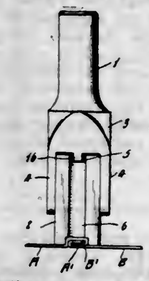
An article of merchandise, comprising a plurality of cartons, a covering strip wound upon and completely enclosing the same, the edge of the covering strip being folded in over the outside ends of the cartons and held by the body of the strip to form a package in which the cartons are held together, and a roll of strip material having its inner end only tacked to said package and wound upon said package to form a roll covering the same.

1,572,141. NOVELTY BOX AND WAGON. HAROLD HILDEBRANDT and EDWARD HILDEBRANDT, Tacoma, Wash. Filed Dec. 18, 1924. Serial No. 756,727. 1 Claim. (Cl. 46—48.)

A box of the character described having openings in its opposite side walls for receiving a wheeled supporting axle therethrough, and having an opening in its front wall, a cover for the box having a peripheral flange overlapping the walls, and a tongue extended through said front wall opening having means at its inner end adapted for disconnectable attachment with the wall when extended; said tongue also having a loop at its outer end adapted, by bending the tongue upwardly, to be tucked beneath a flange of the cover to retain the tongue within the box for the purpose set forth.

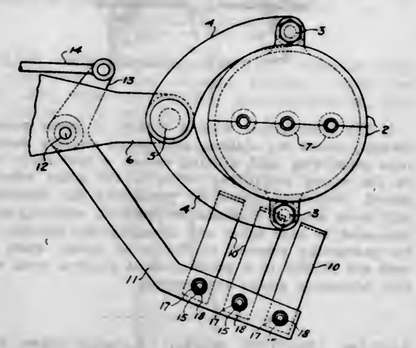


1,572,142. JOINT COMPLETING OR GROOVING TOOL. CHARLES H. HOOD, Ashland, Ky. Filed Jan. 8, 1925. Serial No. 1,276. 2 Claims. (Cl. 81—15.)



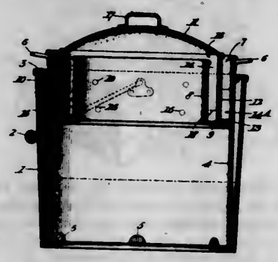
1. A joint completing or grooving tool, comprising a handle provided with lugs, a head provided with joint receiving grooves, retractible means carried by the head and engaging the lugs to secure the head to the lugs, and a rib carried by the handle and contacting with the bottom wall of one of the grooves to hold the head against rotation and movement in the direction of the handle.

1,572,143. MULTIPLE-MOLD SHEAR DEVICE FOR GLASS-WORKING MACHINES. GEORGE E. HOWARD, Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Mar. 21, 1925. Serial No. 17,435. 8 Claims. (Cl. 49—14.)



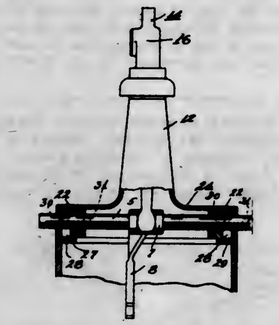
1. A multiple-mold shear device for glass-working machines, comprising a blade support and a plurality of shear blades carried by said support, the said blades being adapted individually to sever mold charges of glass adjacent to the molding cavities of a multiple mold.

1,572,144. STEAM COOKING UTENSIL. CHARLES E. JOHNSON, Denver, Colo. Filed Feb. 2, 1925. Serial No. 6,307. 5 Claims. (Cl. 53—1.)



1. In a cooking utensil of the character described, a main vessel having a contracted opening at its upper end, a bottomless inner member which fits in said contracted opening and rests upon the bottom of said main vessel, an annular wall in the upper portion of said inner member and spaced from the same, which terminates at its lower edge in a flange which is secured to the wall of the inner member above the middle portion thereof, thereby forming an annular chamber in the upper portion of the inner member, and a cover having a depending cylindrical portion of greater diameter than said annular wall, which rests upon the bottom of said annular chamber, a space being left between the upper end of said annular wall and said cover.

1,572,145. MEANS FOR LOCKING A TRANSMISSION-HOUSING COVER. COLVIN L. JOHNSON, St. Louis, Mo., assignor to Johnson Automobile Lock Co., a Corporation of Illinois. Filed July 13, 1922. Serial No. 574,651. 2 Claims. (Cl. 70—90.)



1. The combination with a casing, of gears mounted therein, means for shifting said gears, slidably mounted rods supporting said shifting means, a removable cover on the casing permitting access to the gears when removed, removable means for permitting the removal of said cover when said means are removed, retaining means concealed in said cover and engaging the slidable rods for preventing removal of the cover except when said rods are shifted to a predetermined position even when said removable means are removed.

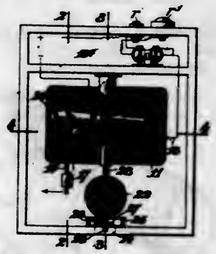
1,572,146. DIVIDER BOARD. RICHARD JONES, Parkville, Mo. Filed May 24, 1923. Serial No. 641,213. 1 Claim. (Cl. 56—314.)

In combination with a bar forming part of the cutting mechanism of a mower or the like, a support rising from one end of said bar, a divider extending rearwardly from said bar, said divider having sections yieldably connected together, a bolt passing through said support and the divider and constituting the connection of the divider, a spring on said bolt engaging said divider and urging



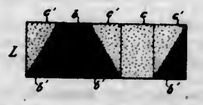
the latter toward and normally maintaining it in contact with the support, said spring and bolt being proportioned to permit movement of the divider on the bolt against the tension of the spring and in a direction away from said support.

1,572,147. CIRCUIT CLOSER FOR DIRECTION INDICATORS. HELMUT JUNGHANS, Gut Berneck, near Schramberg, Germany, and FRITZ GLOGAUER, Cincinnati, Ohio. Filed Mar. 17, 1924. Serial No. 699,818. 12 Claims. (Cl. 200—52.)



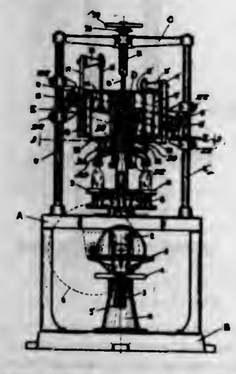
1. A switch for direction indicators for vehicles comprising a tube pivotally mounted intermediate its ends; means in said tube for actuating an electric switch; and means for preventing movement of said tube; and when influenced by centrifugal force to free said tube and then to return it to its normal position.

1,572,148. METHOD OF MANUFACTURING COLORED YARNS. WILLIAM J. KERWIN, Jr., New Bedford, Mass., assignor to Beacon Manufacturing Company, New Bedford, Mass., a Corporation of Massachusetts. Filed Aug. 29, 1924. Serial No. 734,882. 7 Claims. (Cl. 19—145.)



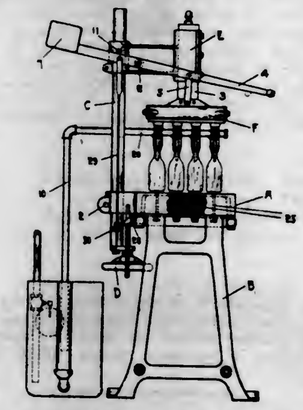
5. That method of manufacturing yarns in shaded or ombré effects which consists in employing two or more laps having their fibers dyed in different shades or colors, dividing the laps into sections of diminishing and increasing area cut to complementary shapes, arranging the sections in series with the colors alternating and with a narrowing end of the section of one shade or color matched with a gradually widening section of another shade or color, converting the lap into roving, and spinning the roving into yarn.

1,572,149. FILLING MACHINE. KARL KIEFER, Cincinnati, Ohio. Filed June 12, 1920. Serial No. 388,588. 10 Claims. (Cl. 226—96.)



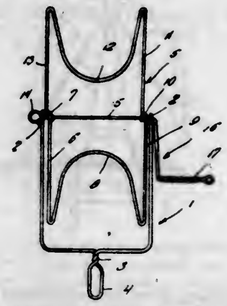
1. In a filling machine, a revolvable measuring cylinder having a port, a spout and a container-carrier revolving with said cylinder, a fixed member between said cylinder and said spout, having an inlet opening to said port during part of the revolution and having an outlet opening from said port to said spout during another part of the revolution, a piston in said cylinder to actuate substance through said port, and a fixed inclined circuitous track operatively related to said piston.

1,572,150. FILLING MACHINE. KARL KIEFER, Cincinnati, Ohio. Filed July 21, 1920. Serial No. 397,835. 5 Claims. (Cl. 226—116.)



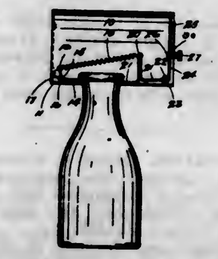
1. In a filling machine, a fixed table having a flat top across which containers may slide, and having a transverse series of openings up and down therethrough, pins projecting up through the respective openings, a rock-shaft journaled transversely on the lower side of the table, flat springs fixed to the rock-shaft and projecting under the respective pins, an arm fixed on said rock-shaft at one side of the table, a standard on the table, a bracket on said standard, a filling head guided up and down on said bracket, a manifold on said head, filling tubes on the manifold over the respective pins, gaskets on the respective tubes to make air-tight closure with containers entered by the tubes, a telescoping exhaust connection to said manifold, a supply manifold parallel with the aforesaid manifold with connections to the respective filling tubes, check valves in the respective connections, a telescoping supply connection to the supply manifold, means mounted on said bracket and connected to said filling head for moving the head up and down, and a connection from this means to said arm on said rock-shaft.

1,572,151. CLOTHESLINE REEL. BURT KNATVOLD, Albert Lea, Minn. Filed Feb. 10, 1925. Serial No. 8,300. 1 Claim. (Cl. 242—100.)



A reeling frame formed from a single strand of wire bent to provide a straight side portion having its free end looped to form an eye, its other end merging into an arcuate end portion, said arcuate portion merging into a second straight side portion disposed in parallelism with the first named straight portion and terminating in a loop forming a second eye, said loop merging into a third straight side forming portion which is in substantial alignment with the second straight portion, said third straight portion merging into a second arcuate end portion, said second arcuate portion merging into a fourth straight side portion disposed in parallelism with the second and third straight portions and in substantial alignment with the first named straight portion, said fourth straight portion merging into a shaft extending through the eyes and disposed at right angles to the four straight portions and terminating in a crank.

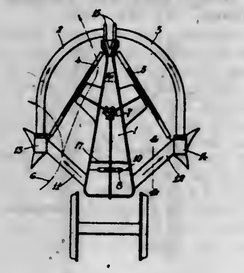
1,572,152. MILK-BOTTLE SUPPORT. WILLIAM JOHN LANGSTROTH, London, Ontario, Canada. Filed Dec. 31, 1923. Serial No. 683,728. Renewed Dec. 28, 1925. 2 Claims. (Cl. 232—41.)



1. A bottle support of the character described including a casing having an open end; hinged bottle clamping members in said casing, one of which is provided with a

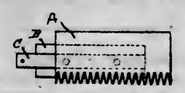
coin and ticket pocket and closure means for the open end of said casing; said hinged bottle clamping members being adapted to swing upwardly when the neck of a bottle is forced into and removed from said casing and simultaneously tilt said closure means outwardly so that access may be had to the coins and tickets in said pocket.

1,572,153. CONDENSER PLANT FOR LOCOMOTIVES. BIRGER LJUNGSTRÖM, Stockholm, and ERIK OTTO ERIKSSON and FREDRIK LJUNGSTRÖM, Lidingo-Brevik, Sweden, assignors to Aktienbolaget Ljungström Angturbin, Stockholm, Sweden, a Corporation. Filed Aug. 23, 1923. Serial No. 659,007. 8 Claims. (Cl. 257—39.)



1. A condenser plant for locomotives and similar vehicles, comprising a mixing condenser of an elongated shape arranged longitudinally of the locomotive and adapted to contain cooling water, a re-cooling device, said mixing condenser reaching right up to said re-cooling device, means for moving the cooling water from said condenser through said re-cooling device and back to said condenser, and a fan for moving air necessary for cooling through said re-cooling device.

1,572,154. HAIR-CUTTING COMB AND RAZOR GUARD. OSCAR H. MCCONOUGHEY, San Francisco, Calif. Filed Mar. 26, 1921. Serial No. 455,953. 3 Claims. (Cl. 30—12.)

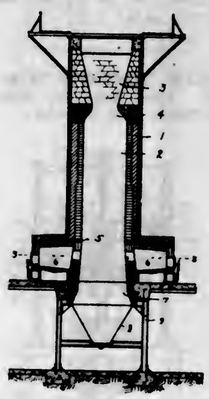


1. The combination of a razor blade with a comb; said comb being a rigid structure, having teeth right angle triangle in cross section and provided with a vertical slot in the hypotenuse adapted to receive and retain a razor blade with its cutting edge alined in said slot.

1,572,155. PICKLING. HENRY S. MARSH and RALF S. COCHRAN, Youngstown, Ohio, assignors to American Copperas Company, Youngstown, Ohio, a Corporation of Delaware. Filed Nov. 14, 1924. Serial No. 749,981. 4 Claims. (Cl. 148—8.)

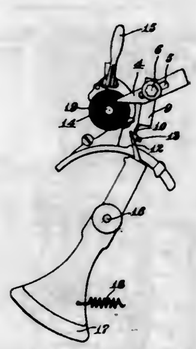
1. The method herein described of pickling metallic objects which consists in conducting the pickling operation in a pickling solution burdened with sulphuretted hydrogen.

1,572,156. LIMEKILN. HUGH MISCAMPBELL, Duluth, Minn. Filed Feb. 16, 1925. Serial No. 9,400. 1 Claim. (Cl. 222—3.)



A lime kiln comprising a vertically elongated chamber and a port in the lower portion thereof for injecting heating gas thereinto, said chamber comprising two opposed parallel vertical walls and two diametrically opposite walls diverging downwardly and on the same level as said vertical walls for the purpose described.

1,572,157. YARN WINDING. MICHAEL MORRELL, Brooklyn, N. Y., assignor to Louis Malina, New York, N. Y. Filed Sept. 8, 1925. Serial No. 55,078. 6 Claims. (Cl. 242—159.)

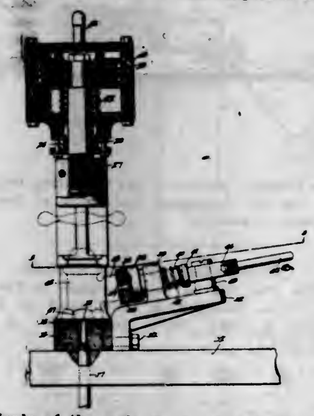


1. As a new article of manufacture, a yarn winding in which in each layer certain portions of the yarn are below the general level of the layer, the lowered portions affording a depression within which knots are placed.

1,572,158. AIR-OPERATED TESTING DEVICE. ROBERT H. MUELLER and CHESTER W. HATHAWAY, Decatur, Ill., assignors to Adolph Mueller, trustee, Decatur, Ill. Filed May 7, 1924. Serial No. 711,661. 12 Claims. (Cl. 73—51.)

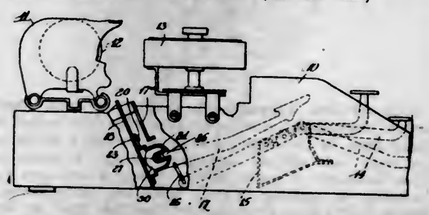
1. In apparatus for testing angle cocks and the like, the combination of a base to receive a cock nipple and

having a fluid pressure inlet, a bracket secured to the side of the base, a movable pressure head on said bracket having a fluid pressure outlet and adapted to engage the



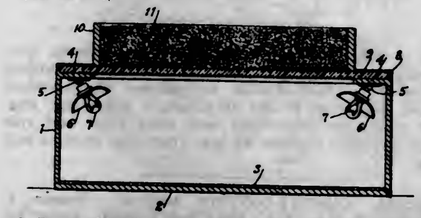
other nipple of the cock, means to normally hold said pressure head retracted, means for moving said head, and means to clamp the cock on said base.

1,572,159. TYPEWRITER CONSTRUCTION. GEORGE F. ROAS, Hyndsville, N. Y. Filed Dec. 19, 1921. Serial No. 523,317. 10 Claims. (Cl. 197—41.)



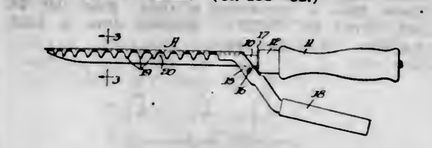
1. In a typewriting machine, the combination with a frame and a plurality of type bars, of a one-piece, sheet metal member on the frame having a portion thereof stamped up angularly to form guide means and a second portion in substantially spaced relation with said first portion stamped up to form a bearing for pivot means, with spaced guide slots cut through said guide means and bearing for the reception of said type bars, and means pivotally supporting said bars on said bearing portion.

1,572,160. STEEL-WOOL MACHINE. WILLIAM H. ROBBINS, Springfield, Ohio, assignor to The Williams Company, London, Ohio, a Corporation of Ohio. Filed June 5, 1925. Serial No. 35,156. 8 Claims. (Cl. 29—1.)



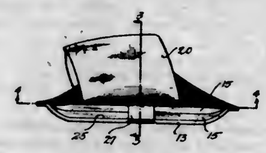
1. In combination, a casing, a top therefor adapted to pass light therethrough, a source of light within said casing to project light through the top, and a frame mounted on the top of said casing to contain steel wool.

1,572,161. HAIR-STRAIGHTENING IRON. THOMAS C. RUSSELL, Chicago, Ill. Filed Mar. 30, 1925. Serial No. 19,219. 2 Claims. (Cl. 132—32.)



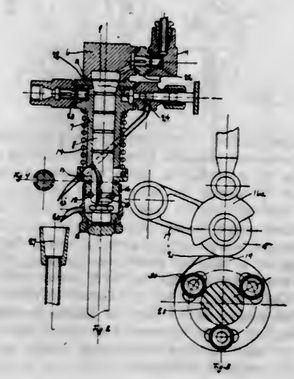
1. A hair dressing device of the class described, comprising an elongated flat hair receiving member, hair distributing teeth along the sides of said member, and a heating member adapted to be applied to said hair receiving member between the teeth thereof.

1,572,162. ARCH SUPPORT. WILLIAM M. SCHOLL, Chicago, Ill. Filed Dec. 1, 1924. Serial No. 753,829. 3 Claims. (Cl. 36—71.)



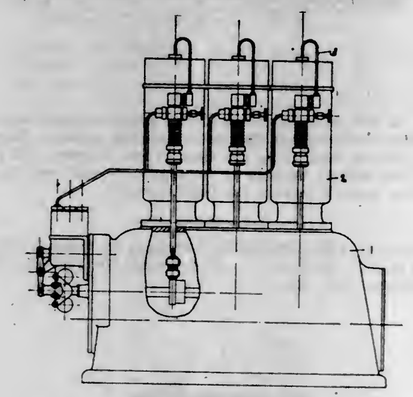
3. A foot corrective appliance comprising two yieldable plate members connected together near their ends and open between their side edges to form a pocket, a yieldable band extending through said pocket between the plates, and stitched to the upper plate by a seam extending transversely of the band and longitudinally of the plate and near the mid-portion of one of said plates, and a pad for insertion in said pocket between the plates.

1,572,163. APPARATUS FOR DELIVERING MEASURED CHARGES OF FLUID. HAROLD F. SHEPHERD, Reno, Nev. Filed Oct. 28, 1922. Serial No. 597,510. 3 Claims. (Cl. 123—140.)



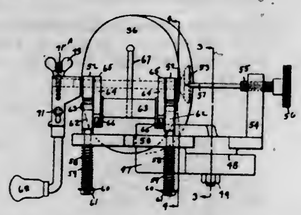
1. In a charge delivering device, the combination of a plurality of pumps; plungers in said pumps having tapered ends; seats containing the inlets to the pumps closed by said tapered ends; a measuring device common to said pumps; and a cam device actuating the plungers holding the tapered ends off its seat during the charging movement and closing the tapered ends on the seat during the charging movement of the other pumps.

1,572,164. CHARGE-DELIVERING DEVICE FOR EXPLOSIVE ENGINES. HAROLD F. SHEPHERD, Toledo, Ohio, assignor to The Kent-Owens Machine Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 28, 1922, Serial No. 597,511. Renewed June 8, 1925. 10 Claims. (Cl. 123—140.)



1. In a measured charge delivering device, the combination of a plurality of pumps; and measuring devices delivering measured charges to the pumps having a plurality of measuring impulse creating means operating in sequence said means having a frequency varying from the pumps whereby each means delivers to each pump.

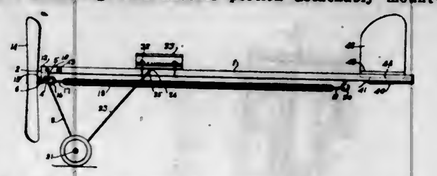
1,572,165. VALVE-FACING MACHINE. EARL G. SMITH and ALBERT B. COMBS, Portland, Oreg. Filed May 31, 1923. Serial No. 642,470. 1 Claim. (Cl. 51—106.)



The combination of a stand having a grinding wheel slidably mounted thereon with a valve facing attachment consisting of a swinging table attached to said stand; a pair of V blocks on said stand adapted to support a valve horizontally; a feed screw on said table having an extended point loosely joined to its end and adapted to engage the center of a valve; a clamp for said valve consisting of a pair of slide rods passing through said table and having springs on their lower ends and bearings on their upper ends; an eccentric shaft journaling in said bearings; and a pair of hooks mounted on said shaft adapted to clamp over the valve stem under the tension of said springs when said shaft is rotated to one of its extreme positions.

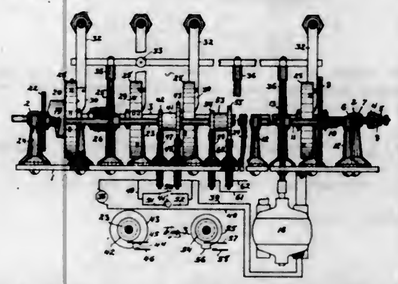
1,572,166. TOY AIRPLANE. EARL A. SMITH, Dayton, Ohio, assignor to Smith and Dwyer Manufacturing Company, a Copartnership composed of Earl A. Smith and Daniel I. Dwyer, Dayton, Ohio. Filed July 25, 1925. Serial No. 46,005. 12 Claims. (Cl. 244—14.)

1. In an airplane having a fuselage, wings, propeller and rudder, a retractable landing gear consisting of landing gear struts pivotally mounted to the landing gear axle and a portion of the struts pivotally mounted to the fuselage and another portion detachably mount-



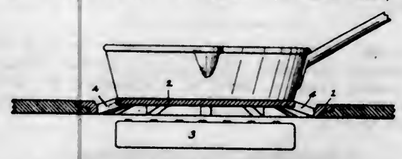
ed on the fuselage, said wing members being detachably mounted over the detachably fixed ends of the struts to hold them in position.

1,572,167. CHIMES-STRIKING MECHANISM. GEORGE L. SMITH, Fort Wayne, Ind., assignor to The Smith Chimes Clock Company, a Corporation of Indiana. Filed Nov. 23, 1921. Serial No. 517,191. 5 Claims. (Cl. 84—103.)



4. In striking apparatus for chimes, a main shaft having longitudinal and rotary movement; a series of drums fixed on the shaft, each drum having a series of projecting lugs spirally arranged thereon; a series of chime members; a series of trip hammers arranged respectively in striking relation with the corresponding chimes and actuated respectively by the lugs on the corresponding drums; electrically actuated driving means for the main shaft; and an electrical make and break device having actuated relation with the main shaft and adapted to control the driving means.

1,572,168. COOKING APPARATUS. HAROLD ELNO SMITH, Cleveland Heights, Ohio. Filed Nov. 8, 1924. Serial No. 748,591. 6 Claims. (Cl. 126—215.)

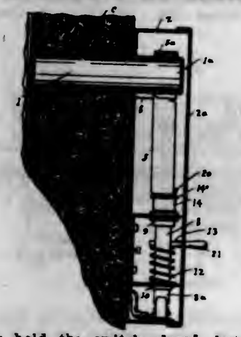


1. A stove lid for use with aluminum utensils comprising a flat circular plate of conducting material whose lower face exhibits a coefficient of absorption higher than that of the aluminum, a supporting ring, and means for supporting said plate from said ring while impeding transfer of heat from said plate to said ring.

1,572,169. CIRCUIT-CONTROL MEANS. GEORGE A. TAYLOR, Muncie, Ind. Filed May 9, 1924. Serial No. 712,109. 4 Claims. (Cl. 219—35.)

1. In fireless stoves, the combination with a closed oven provided with a vent, and electric heating means

for the oven, a chamber extending from the oven and beyond the external stove wall and having its outer end closed, a switch in the circuit, a thermostatic latch bar



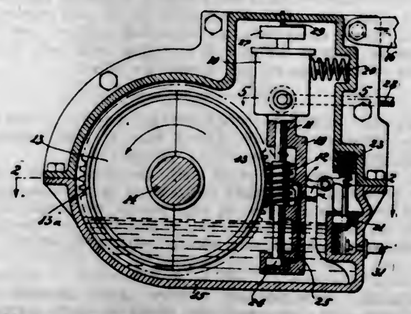
to normally hold the switch closed, but which is operable by the heat transmitted from the head portion of said chamber to move the latch bar to permit the switch to open.

1,572,170. METAL WHEEL SPOKE. JOHN R. WELCH, Muncie, Ind.; Viola M. Welch executrix of the estate of said John R. Welch, deceased, assignor to Viola M. Welch, Muncie, Ind. Filed Oct. 30, 1922. Serial No. 597,740. 6 Claims. (Cl. 301—85.)



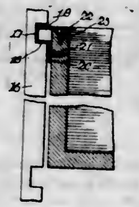
1. A metal wheel spoke including a tubular body portion and a transversely rectangular hollow sector portion, each of two opposite sides of the sector portion having a longitudinal seamless tapered reinforcing rib integral with the inner side thereof.

1,572,171. ANTISLIPPING STARTING DEVICE FOR STEAM LOCOMOTIVES. HENRY HERMAN WESTINGHOUSE, New York, N. Y. Filed July 18, 1922. Serial No. 575,912. 24 Claims. (Cl. 105—48.)



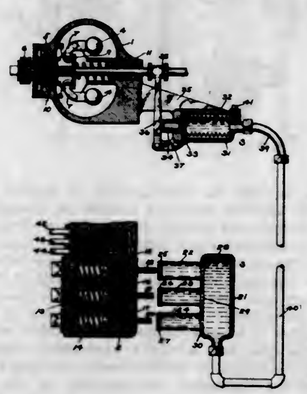
20. In a locomotive starting device, the combination with a main engine, driving wheels, and driving connections from the engine to said wheels, of a restraining mechanism carried wholly by the locomotive and acting to positively prevent a sudden increase in the rate of rotation of said driving wheels, and means operable to operatively disconnect said mechanism from the driving wheels.

1,572,172. FILING-CABINET DRAWER. PETER A. WETZEL, Springfield, Ill. Filed Apr. 5, 1923. Serial No. 629,965. 4 Claims. (Cl. 45—77.)



1. The combination in a filing cabinet drawer of a bottom, back and sides, a drop front pivoted to the sides, and sheet metal strips separately formed from the drawer and forming runners to slide in grooves in a cabinet, said strips comprising upper and lower walls projecting outwardly from the outer faces of the drawer sides, vertically extending connecting portions between the outer ends of said walls, and integral means lapping the drawer and secured thereto.

1,572,173. TRAIN-SPEED-CONTROL DEVICE. GEORGE W. WILDIN, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed June 28, 1923. Serial No. 648,267. 6 Claims. (Cl. 303—21.)

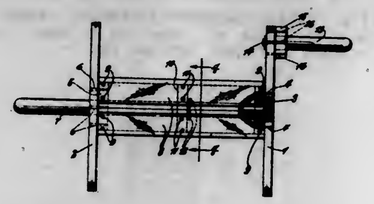


1. In a train speed control apparatus, the combination with a governor device having a member movable by the governor according to the speed of the train and a valve mechanism operable to control the speed of the train, of liquid pressure operated means for operating said valve mechanism and a movable abutment exposed to the liquid acting on said means and operated by said governor member for varying the pressure of the liquid.

1,572,174. REEL. RAYMOND WOLK, St. Louis, Mo. Filed July 27, 1926. Serial No. 46,822. 3 Claims. (Cl. 242—76.)

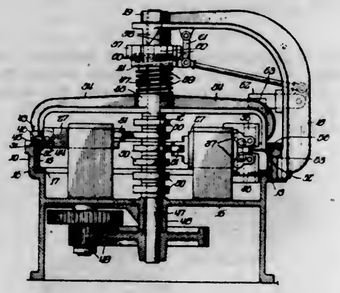
1. A reel comprising a pair of parallel ends, a block attached to the inner side of each of said ends and having a central hole therethrough, a number of bars attached to said blocks and abutting against said ends, an

intermediate block attached to said bars and having a hole therethrough in alinement with the holes through said first named blocks, an axle member extending ro-



tatively through one end and through the holes in all of said blocks and abutting against the opposite one of said ends, and a handle attached to said opposite end.

1,572,175. MACHINE FOR MAKING LINKS OR SIMILAR ARTICLES. JOSEPH H. APPLETON, Port Washington, Wis., assignor to Leach Company, Oshkosh, Wis., a Corporation of Wisconsin. Filed May 17, 1924. Serial No. 713,964. 14 Claims. (Cl. 219—3.)

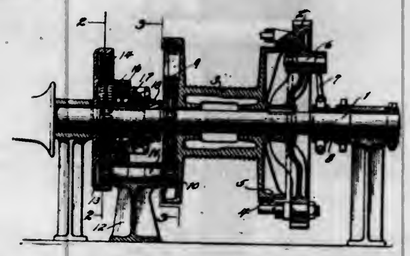


1. In a machine for making links or similar articles, a generally circular frame, a number of complementary forming mechanisms fixedly mounted in a circle on the frame, an operating shaft journaled in the frame at the center of the mechanisms, cam connections between the shaft and the mechanisms for operating all of the latter once during each revolution of the shaft, a generally annular device rotatably mounted on the frame for supporting a number of lengths of stock in operative relation to the mechanisms, and a clutch connection between the shaft and the device for intermittently rotating the latter a part of one revolution corresponding to the distance between any two mechanisms during each revolution of the shaft and while all of the mechanisms are inactive to present each of the lengths of stock in operative relation to each of the mechanisms in turn.

1,572,176. PROCESS FOR THE MANUFACTURE OF CONDENSATION PRODUCTS OF COMPOUND ALIPHATIC-AROMATIC KETONES WITH POLYALCOHOLS. JEAN ALTWEGG and EDOUARD FAU CHERMETTE, Lyon, France, assignors to Societe Chimique des Usines du Rhone, Paris, France. Filed Mar. 19, 1924. Serial No. 700,376. 5 Claims. (Cl. 260—151.)

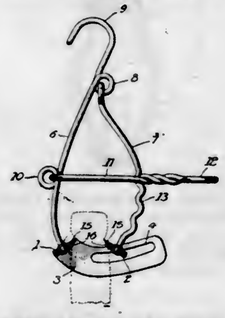
1. Process for the manufacture of condensation products of compound aliphatic-aromatic ketones with polyalcohols, by allowing compound ketones to react on polyalcohols in the presence of primary alcohols containing small quantities of mineral acids.

1,572,177. CABLE DRIVE FOR SHOVELS. RAYMOND A. BECKWITH, Milwaukee, Wis., assignor to Koehring Company, Milwaukee, Wis., a Corporation. Filed June 20, 1924. Serial No. 721,277. 9 Claims. (Cl. 254—187.)



1. In drum operating mechanism of the class described, in combination, a main operating shaft, a drum loose thereon, clutch means for directly connecting said drum to the shaft, the drum being equipped with an internal gear, a pinion meshing with said internal gear, driving means on the shaft for actuating said pinion, and other clutch means to operatively connect the last mentioned driving means with the shaft.

1,572,178. BACON HANGER. LESTER W. BERMOND, St. Paul, Minn., assignor to Swift & Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 30, 1924. Serial No. 746,887. 6 Claims. (Cl. 17—44.)



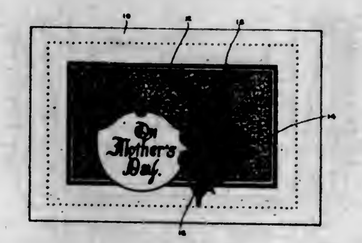
1. A bacon hanger comprising a pair of rigid jaws, the opposed edge of said jaws being serrated, a resilient support for each jaw, said supports being secured at the ends to their respective jaws and pivotally connected together at a point removed from said jaws, one of said supports being bowed away from the remaining support, and a clamping member adapted by coacting with said supports to draw one support toward the other.

1,572,179. STEEL MANUFACTURE. THOMAS J. BRAY, Jr., Youngstown, Ohio. Filed June 5, 1922. Serial No. 566,152. 6 Claims. (Cl. 75—49.)

1. In the manufacture of steel, the steps which consist in suitably deoxidising the same in the furnace, and then producing an artificial effervescence throughout the body of molten steel immediately following the pouring of the same into the mold, substantially as described.

1,572,180. PARCHMENT MOTTO AND GREETING CARD AND PROCESS OF MAKING THE SAME. GEORGE E. BUZZA, Minneapolis, Minn. Filed Dec. 3, 1923. Serial No. 678,118. 2 Claims. (Cl. 101—211.)

1. The process of making parchment mottoes and greeting cards which consists in heating sheet parchment material to a predetermined temperature, printing said material in a room maintained at said predetermined temperature drying the printed sheet, applying sizing to an



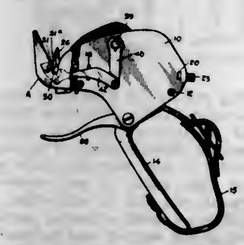
unprinted portion of said material, dusting bronze powder on said material, and brushing the applied powder to remove surplus and to polish the powder retained by said sizing.

1,572,181. KNOTTER DEVICE. BRITTON E. BYRD, Durham, N. C., assignor to Mill Devices Company, Durham, N. C., a Corporation of North Carolina. Filed Feb. 24, 1922. Serial No. 538,889. 61 Claims. (Cl. 289—3.)



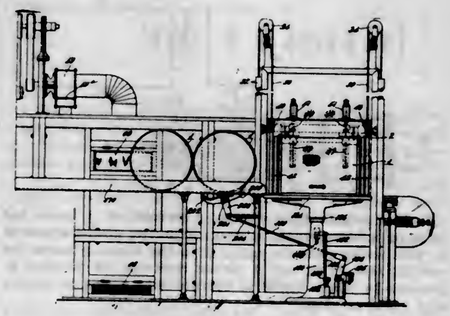
1. In a knot tying mechanism, in combination, a tying bill having thread cutting and clamping means, means for positioning a plurality of strands relative to the tying bill so that the tying bill is between the strands and the strands are crossed at a side of the tying bill and mechanism for operating the tying bill in relation to said strands.

1,572,182. KNOTTER DEVICE. BRITTON E. BYRD, Durham, N. C., assignor to Mill Devices Company, Durham, N. C., a Corporation of North Carolina. Filed May 13, 1924. Serial No. 712,922. 15 Claims. (Cl. 289—3.)



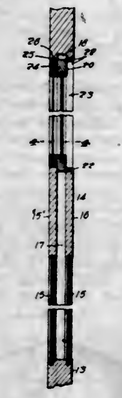
11. In a device of the class described, the combination with a tying bill, of holders for supporting a pair of strands on opposite sides of the bill, said bill between the holders, rocking members adjacent to the holders to engage a portion of one strand and move it across the other, thereby to provide points of crossing of the strands at opposite sides of the bill, said members having means to tension the strands, and a common operating means for the bill and the members.

1,572,183. DRYING MACHINE. EMIL J. CARROLL, Norwood, Ohio, assignor to The American Laundry Machinery Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Oct. 13, 1923. Serial No. 668,353. 45 Claims. (Cl. 34—12.)



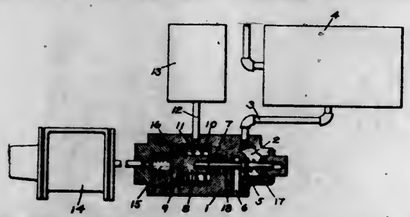
1. In an apparatus of the class described, a chamber having an inlet and an outlet opening, means for conveying materials through said chamber, and other means for automatically discharging the materials from said outlet.

1,572,184. DOOR. STEPHEN M. CASEY, San Francisco, Calif. Filed Feb. 16, 1925. Serial No. 9,504. 1 Claim. (Cl. 20—35.)



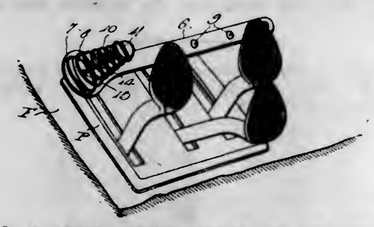
A door comprising stiles, solid top and bottom rails, a center rail made up of two similar strips with their outer surfaces flush with the similar surfaces of the top and bottom rails and their inner surfaces spaced apart, lower panels between each of the center rail sections and the bottom rail, said lower panels being spaced in continuation of the space between the center rail sections, a window-carrying sash of a thickness to slidably fit in the space between the center rail sections and the lower panels, said space being filled by the sash when in lowered positon, the lower edge of the upper rail being recessed in line with the space between center rails to receive the upper edge of the sash, and a screen-carrying frame arranged and fixedly interfitted between the lower edge of the upper rail at one side of the sash receiving recess and the upper edge of one of the center rails, the inner edge of the screen frame forming a fixed guide for the movement of the sash.

1,572,185. AUTOMATIC DRAIN VALVE. CHRISTOPHER P. CASS, Berkeley, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Sept. 27, 1923. Serial No. 665,112. 3 Claims. (Cl. 303—88.)



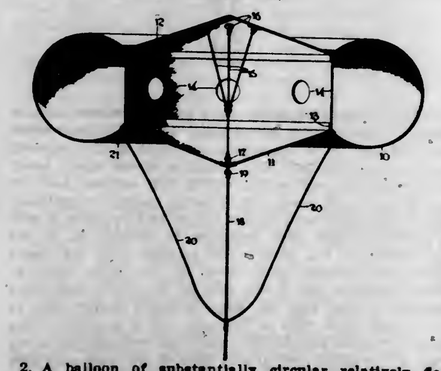
1. The combination with a reservoir, of a valve for draining said reservoir, a brake cylinder, means operated by fluid under pressure supplied to the brake cylinder for opening said valve, and a timing reservoir, an increase in pressure in which tends to operate said means to permit said valve to close.

1,572,186. NEUTRAL-POSITION DETECTOR FOR AUTOMOBILE PEDALS. GEORGE COOK, Detroit, Mich. Filed Nov. 16, 1925. Serial No. 69,473. 6 Claims. (Cl. 74—81.)



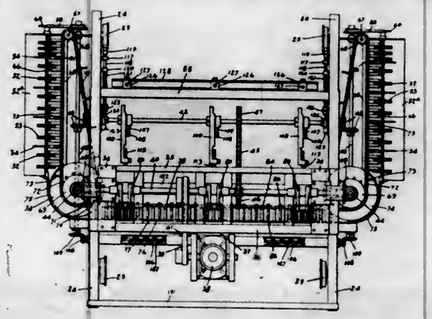
1. In a neutral position detector for the combined clutch, low and high speed pedal of an automobile; a yieldable check and means for mounting it in the forward path of the pedal in position to be struck by said pedal when in its neutral position, said check being yieldable with the pedal when the latter is forced forwardly beyond said neutral position.

1,572,187. BALLOON. JAMES F. COOPER, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Original application filed Nov. 3, 1924, Serial No. 747,407. Divided and this application filed July 30, 1925. Serial No. 47,076. 5 Claims. (Cl. 244—4.)



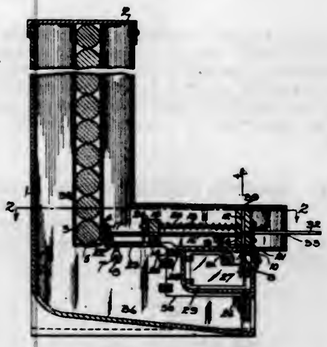
2. A balloon of substantially circular relatively flat configuration, and resilient means incorporated therein to permit relative movement of the relatively flat side portions thereof upon changes in pressure within the balloon.

1,572,188. BRICK OR BLOCK PAVING MACHINE. MELVIN E. CROWELL, Franklin, Ind. Filed Dec. 23, 1921. Serial No. 524,437. 24 Claims. (Cl. 94—47.)



1. In a machine for laying bricks or the like for forming road or like surfaces, the combination of a brick supporting a platform, a brick engaging endless conveyor having laterally projecting brick engaging members, and a spider construction including a supporting shaft and a plurality of laterally projecting brick engaging members, arranged in spaced relation about and along said shaft for removing a plurality of bricks from the platform and depositing the same in tandem and row forming relation and into position for engagement by said endless conveyor brick engaging lateral projections.

1,572,189. VENDING MACHINE. DANIEL J. CROWLEY, Detroit, Mich. Filed May 15, 1925. Serial No. 30,400. 5 Claims. (Cl. 194—80.)

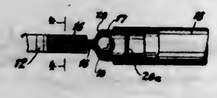


2. In a vending machine, a dispensing apparatus consisting of a carriage having a slide, a bearing and a pusher mounted thereon, a push rod secured to the pusher and supported intermediately of its length by the bearing and adapted to pass through a hole in the slide, which hole is at right angles to and substantially centrally of a vertical coin slot in said slide, guide rods secured to said slide, an apron extending rearwardly from the front portion of the carriage and integral therewith, a container from which said pusher is adapted to discharge merchandise into a chute, a cash box under the carriage, and spring means for drawing said slide back to its forward position after it has been pushed inwards.

1,572,190. FRUIT PRESERVER. WILLIAM DON, New Brunswick, N. J., assignor to Frank J. Malthaner, New Brunswick, N. J. Filed Feb. 5, 1925. Serial No. 6,950. 2 Claims. (Cl. 215—37.)

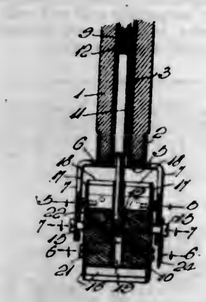
1. A packing ring comprising a thin flat annulus composed of flexible material, and of uniform thickness, a

head having a plurality of flattened tubular elements extending radially through said annulus, said tubes being open at their inner ends and merging into a cylinder at



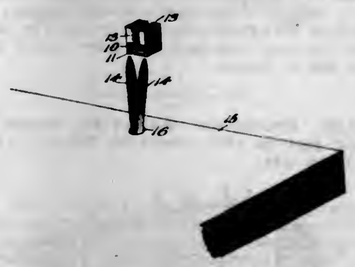
their outer ends, means for exhausting air from said head, and a rubber sphere freely movable in said cylinder to prevent air from entering said tubes.

1,572,191. BUDDING TOOL. JOHN R. DONNELLY, Austin, Tex. Filed Oct. 20, 1924. Serial No. 744,738. 2 Claims. (Cl. 47—7.)



1. A budding tool comprising an elongated handle provided with a pair of laterally spaced forwardly projecting arms, a block between said arms, axially alined pivots connecting said block with said arms, bark cutting blades carried by said block, and a spring-projected manually retractable bolt carried by said handle and projecting forwardly therefrom, said block having sockets spaced around its pivotal axis to receive the front end of the bolt for holding the block in different positions.

1,572,192. PAPER FASTENER. JUSTIN A. ELIAS, Philadelphia, Pa. Filed Nov. 16, 1923, Serial No. 675,048. Renewed Dec. 19, 1925. 3 Claims. (Cl. 24—153.)



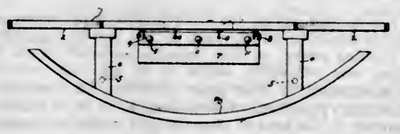
1. As an article of manufacture, a fastener for sheet binding comprising a body having a single opening for pliable binding tongue penetration, and having parallel keeper portions each of which is adapted to receive a prong of the binding tongue and capable of being folded to flat, opposed position with the prongs therein.

1,572,193. MEANS FOR TESTING MUSCULAR DEVELOPMENT. FREDERICK S. ENGEL, New York, N. Y. Filed Aug. 9, 1924. Serial No. 731,093. 2 Claims. (Cl. 33—179.)



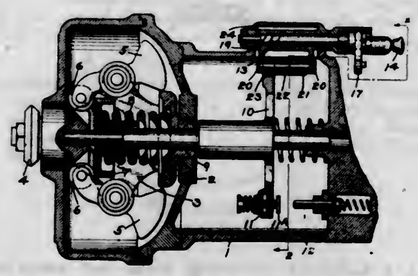
1. Means for testing muscular development comprising a breakable strip having calibrations in units of weight of a person on one side and progressing from an intermediate portion toward one end thereof, and an adhesive on the reverse side and adjacent the opposite end and adapted to secure said end to the strip in register with one of said calibrations, said strip thereby adapted to closely encircle an expansible muscular part of a body before the same is expanded.

1,572,194. ROCKING SEESAW. NILS R. ERICKSON, Vancouver, British Columbia, Canada. Filed Feb. 10, 1925. Serial No. 8,273. 2 Claims. (Cl. 272—56.)



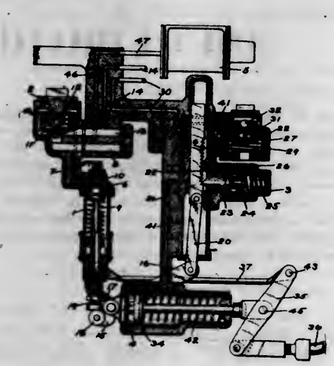
1. A rocking see-saw, comprising an uninterrupted platform arranged in one plane and having the terminals formed to provide a seat, the platform being formed with a cetral opening, supports underlying the platform immediately in advance of the formed terminals, rockers secured to the lower ends of the supports, and a flexible carrier secured to the lower surface of the platform between the supports and beyond the edge of the opening in all directions.

1,572,195. SPEED-CONTROL GOVERNOR. CLYDE C. FARMER, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Apr. 8, 1925. Serial No. 21,533. 5 Claims. (Cl. 303—21.)



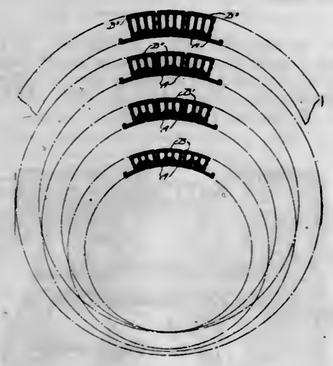
1. The combination with a speed governor provided with a longitudinally movable and rotatable crosshead, of a valve, a plurality of tappets carried by said crosshead and each adapted to engage said valve at different rotative positions of the crosshead upon longitudinal movement of the crosshead, and means for rotating said crosshead.

1,572,196. VARIABLE-LOAD BRAKE. CLYDE C. FARMER, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Apr. 10, 1925. Serial No. 22,074. 9 Claims. (Cl. 303—22.)



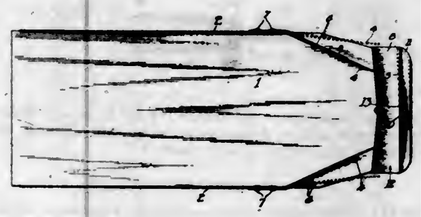
1. In a load brake, the combination with means adjustable according to the load on the car for regulating the braking power, of fluid pressure operated means for locking said adjustable means in an adjusted position, means operated by fluid under pressure for operatively connecting up said adjustable means so as to be adjusted according to the load on the car, and means for supplying fluid under pressure to said locking means upon a predetermined increase in pressure of fluid supplied to said operatively connecting means.

1,572,197. SERIES OF SEWERS OR CONDUITS. WILLIAM C. FERGUSON, St. Louis, Mo. Filed Apr. 14, 1922. Serial No. 552,579. 3 Claims. (Cl. 72—51.)



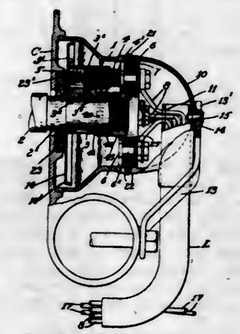
1. A method of constructing double wall sewers or conduits whose diameters vary in a certain ratio, characterized by forming the inner portions of the walls of the sewers from universal blocks of standard dimensions and forming the outer portions of said walls from outer blocks that vary in thickness according to the diameter of the sewer being constructed, and increasing the number of inner blocks and the number of outer blocks by one when a sewer of the next larger size is being constructed.

1,572,198. BACON-SKEWER BLOCK. PAUL A. FLINN, South St. Paul, Minn., assignor to Swift & Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 30, 1924. Serial No. 746,893. 5 Claims. (Cl. 17—1.)



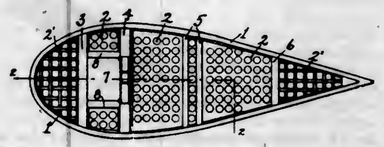
1. A skewer block of the class described, comprising a flat board having upwardly extending side walls, and an end wall, means for supporting said end wall, comprising a pivot perpendicular to the board whereby said end wall may swing around a vertical axis.

1,572,199. TIMER. EDMOND E. FOURNIER and MERTON I. VESTAL, Fall River, Mass. Filed Mar. 28, 1921. Serial No. 456,153. 14 Claims. (Cl. 200—24.)



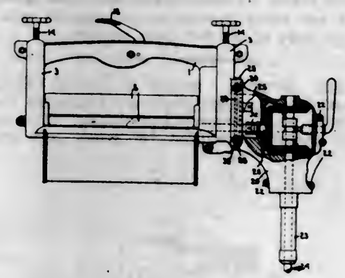
9. In a timer, a plurality of spaced stationary contacts, and a rotatable brush having a curved contact end and having an axial bearing surface inserted into said end and of a material harder than the body of the brush proper, the axis of curvature being perpendicular to but offset from the axis of rotation of the brush so that said insert will come upon each stationary contact along a single line of bearing.

1,572,200. SNOWSHOE. WILLIAM FOX, Tacoma, Wash. Filed Sept. 24, 1924. Serial No. 739,731. 3 Claims. (Cl. 208—184.)



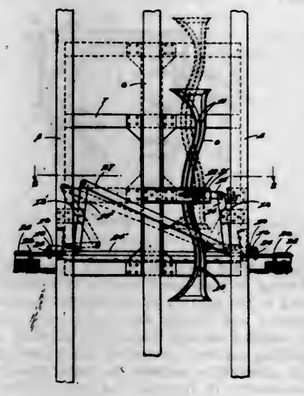
1. A snow shoe comprising a frame of light metal, a metallic webbing fixed to said frame, so as to fill the inclosure of the frame, and reinforcing cross members brazed to said frame and to said webbing.

1,572,201. WRINGER. WALTER A. FRANTS, Cleveland, Ohio. Filed Mar. 11, 1922. Serial No. 542,886. 6 Claims. (Cl. 68—32.)



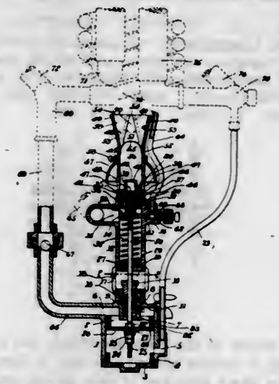
6. In a wringer, in combination, a frame, a pair of parallel roll-shafts journaled therein, a bracket for supporting said frame and having a vertically faced receiving portion adapted to engage an end member of said frame, said frame and said receiving portion having interfitting dove-tail provisions whereby they are held together.

1,572,202. AUTOMATIC SAFEGUARD. JOSEPH GOULET, Timmins, Ontario, Canada, assignor of one-half to Albert Brazeau, Timmins, Ontario, Canada. Filed June 2, 1923, Serial No. 643,122. Renewed Dec. 28, 1925. 4 Claims. (Cl. 187—98.)



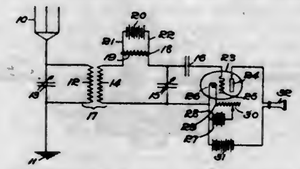
3. A safety device for an open shaft, comprising an entrance platform hingedly mounted at the entrance to said open shaft; a mechanism for turning said entrance platform from its normal vertical position to a horizontal operative position and returning it to its normal position; an elevator cage adapted to reciprocably operate in said open shaft; a means carried by said cage adapted to operate said mechanism; said cage having tracks thereon; tracks up to the entrance to said shaft; suitable grooves on said platform to act as guides between said tracks when said platform is in horizontal operative position.

1,572,203. WATER-HEATER BURNER. ALBERT L. HALL, Los Angeles, Calif., assignor to Simplex Heater Company, Los Angeles, Calif. Filed July 15, 1924. Serial No. 726,183. 1 Claim. (Cl. 137—153.)



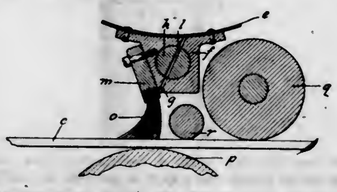
In a burner, a soft valve seating ring, a gas valve means for normally closing said valve under pressure, and a projection projecting into the opening of said ring to prevent closing of said opening by the pressure of the valve against the ring.

1,572,204. MEANS FOR LIMITING THE EFFECT OF STATIC OR OTHER DISTURBANCES IN WIRELESS TELEGRAPHY. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed Aug. 20, 1917, Serial No. 187,060. Renewed July 24, 1923. 6 Claims. (Cl. 250—20.)



1. A receiving system for electrical impulses comprising an oscillatory circuit including a coil, a magnetisable element surrounded by said coil, a circuit including said coil and a source of electrical energy for normally magnetizing said element to such a point that the oscillatory circuit has potential characteristics to produce resonance at the transmitted frequency, and a detector controlled by said circuit, but protected thereby from the effects of excessive electromagnetic shocks.

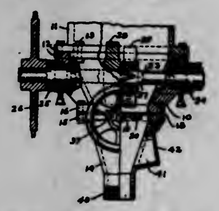
1,572,205. COATING MACHINE. DANA E. HARDING, Danvers, Mass., assignor to Harding Engineering Company, East Boston, Mass., a Corporation of Massachusetts. Filed Apr. 11, 1922. Serial No. 551,732. 3 Claims. (Cl. 91—39.)



2. A liquid coating apparatus, comprising a source of liquid supply, an applying brush of substantial width, a plurality of conduits from the supply to the face of said

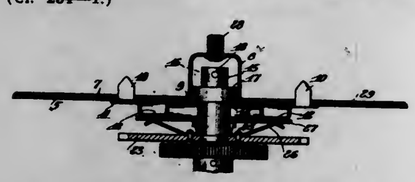
brush, in combination with a valve having a corresponding number of conduits therethrough to register with and control the passage of liquid from the supply to the brush, and means to actuate said valve.

1,572,206. FEEDER. WILLIAM HILDITCH, Cleveland, Ohio, assignor, by direct and mesne assignments, to Fuller-Lehigh Company, Fullerton, Pa., a Corporation of Pennsylvania. Filed Dec. 28, 1922. Serial No. 609,482. 1 Claim. (Cl. 221—120.)



In a device of the class described, the combination of a hopper, a bottom therefor having a discharge opening therein, a shaft arranged in said hopper above said opening, and a plurality of toothed wheels of different diameters arranged directly over said opening and adapted, when not rotating, to prevent the natural flow of material through said opening.

1,572,207. RECORDING INSTRUMENT. EDWIN HODGKINSON, Rochester, N. Y., assignor to Taylor Companies, Rochester, N. Y., a Corporation of New York. Filed Nov. 12, 1921. Serial No. 514,505. 5 Claims. (Cl. 234—1.)



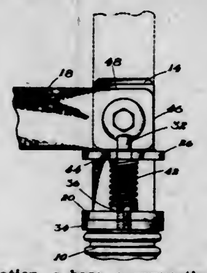
4. In a recording apparatus, the combination of a time train having a spindle, a chart supporting disk rotatably supported on the spindle, an annular frictional surface on said disk, a member rotated by the time train, and a frictional element of resilient metal fixed on said member and pressing against said annular surface to form a yieldable driving connection between said train and disk.

1,572,208. COLLAPSIBLE TUBE. WILLIAM C. HUNTOON, Jr., East Greenwich, R. I. Filed Apr. 17, 1925. Serial No. 23,850. 6 Claims. (Cl. 221—60.)



1. In combination with a collapsible tube having a neck with a flared skirt and a groove in the neck, a wire member having one end coiled about the neck and located in the groove and having its other end extended outwardly from the neck and formed with a series of coils seated on the skirt and having the extremity of said other end coiled to form an eye, a teat struck-up from the skirt and received in the eye to hold the wire member against rotation and against the skirt, a cap having a circular groove, and a second wire member having its central portion conformably received in the groove of the cap and having its ends crossed and then extended inwardly and freely received in the opposite ends of the series of coils of the first wire member.

1,572,209. SWITCH. ERNEST H. JACOBS, Chicago, Ill., assignor to Electrical Engineers Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 15, 1921. Serial No. 500,733. 5 Claims. (Cl. 200—48.)



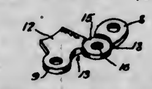
1. In combination, a base, a supporting finger on said base, a member pivoted on said finger, pins for holding said base in place, said pins extending above said base, and a follower carried by the extending portions of said pins for holding said switch member in its open and in its closed positions.

1,572,210. COMBINED VISOR AND AUTOMATIC FLASH LIGHT. JOHN A. KOLISAS, Cleveland, Ohio. Filed Jan. 14, 1925. Serial No. 2,255. 5 Claims. (Cl. 240—60.)



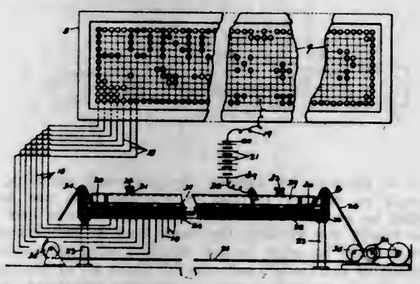
1. An article of the character described, having in combination a head covering, a visor associated with said head covering, a head band section of stiffened material conforming to the contour of the forehead carried by said head covering and rigidly associated with said visor, a flashlight carried by said head band section, and a concave reflecting surface formed on the under side of said visor and adapted to reflect the light from said flashlight downwardly in front of the user of the apparatus.

1,572,211. ELECTRIC-SWITCH TERMINAL. HENRY E. LEPPERT, New Britain, Conn., assignor to The Trumbull Electric Mfg. Company, New Britain, Conn., a Corporation of Connecticut. Filed May 31, 1921. Serial No. 473,696. 4 Claims. (Cl. 173—259.)



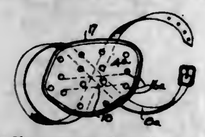
1. A switch terminal comprising a plate having anchorage lugs in one plane, a binding screw seat in a plane slightly offset therefrom providing circumferentially extending wire retaining shoulders and a binding screw in said seat with its axis substantially at right angles to the plane of said lugs said shoulders being located around the periphery of the head of said screw, said plate having a wire breaking notch in its edge adjacent the edge of the head of said screw.

1,572,212. ELECTRIC SIGN. JOHN E. LONG, Multnomah, Oreg. Filed June 7, 1923. Serial No. 643,971. 4 Claims. (Cl. 200—46.)



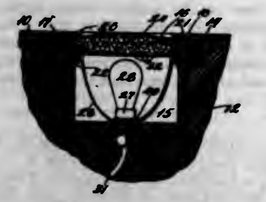
1. In an electric sign, a receptacle of insulating material having a horizontal bottom, conducting wires extending through the receptacle, their ends forming terminals flush with the inner bottom surface of the receptacle, a bath of electrically conducting liquid in the receptacle, and a tape of non-conducting material adapted to be drawn in sliding engagement over the bottom surface of the receptacle and over said wire terminals, the tape having a plurality of apertures therein arranged to allow the circuit between the wire terminals and liquid terminal to be closed as the apertures register with the wire terminals and the circuit to be broken as the apertures are drawn from registry, the apertures being arranged in a predetermined manner with relation to each other for said purpose.

1,572,213. ORTHOPEDIC SUPPORT FOR SHOES. WILBERT LUCAS, Detroit, Mich. Filed Mar. 14, 1925. Serial No. 15,439. 8 Claims. (Cl. 36—11.)



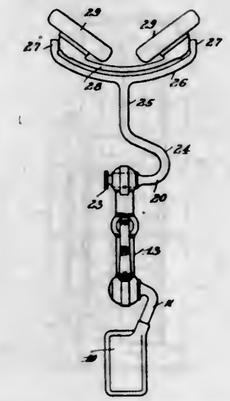
2. An orthopedic support for shoes comprising a flexible supporting member attached to the top of an insole having longitudinal slots therethrough, and straps passing under said supporting member and through said slots.

1,572,214. ROAD-SURFACE SIGNAL LAMP. LUTHER B. MCEWING and GEORGE S. CLAYTON, Chicago, Ill. Filed Jan. 21, 1924. Serial No. 687,462. 3 Claims. (Cl. 240—1.)



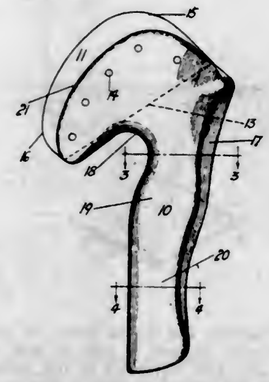
1. In a lamp casing for a roadway, a housing, an exterior flange on said housing spaced therefrom to form a groove between said flange and the wall of said housing, an interior flange on said housing, a ring fitting said groove, and a lens adapted to be clamped between said interior flange and said ring.

1,572,215. SUPPORTING FIXTURE. ADAM J. MAY, Rochester, N. Y., assignor to Ritter Dental Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed May 28, 1924. Serial No. 716,505. 5 Claims. (Cl. 155—177.)



1. The combination of a bracket arm, a support, an intermediate section formed with transverse bearings adjacent its ends, journals on said arm and support adjustably carried in said bearings, clamping collars encircling said journals, thrust elements extending longitudinally of said section with their inner ends contiguous and their outer ends arranged for actuating said collars, and manually operable means interposed between said contiguous element ends for simultaneously thrusting said elements outwardly and actuating said collars to clamp said journals in adjusted position.

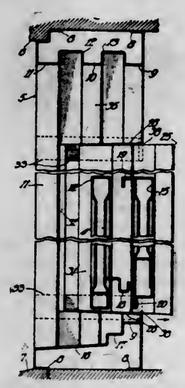
1,572,216. PADDLE STITCHER. CHARLES MELLINGER, Akron, Ohio. Filed Apr. 5, 1924. Serial No. 704,441. 1 Claim. (Cl. 154—9.)



A paddle stitcher comprising a curved blade beveled to its edge and a handle to which said blade is secured, said handle being so formed as to provide a seat for the fleshy portion of an operator's hand directly in back of the blade, and having a portion extending

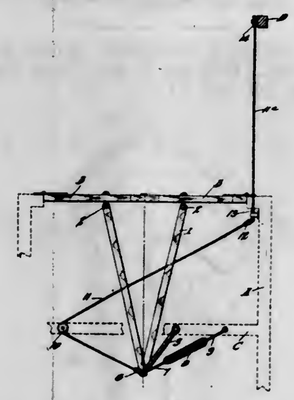
at an acute angle to the longitudinal direction of said blade so formed as to enable the workman to retain the fleshy portion of his hand in said seat by grasping said portion of the handle.

1,572,217. WINDOW CASING. SAMUEL A. MENCHER, Fort Worth, Tex. Filed June 27, 1925. Serial No. 39,927. 7 Claims. (Cl. 189—72.)



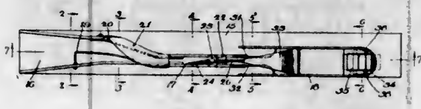
1. In a metal window, the combination of the outer casing, inner and outer sashes, and a removable jamb unit provided with guides for both sashes and detachably secured to the outer casing.

1,572,218. DOOR OPENING AND CLOSING DEVICE. FRED MEYER, Pekin, Ill. Filed Feb. 10, 1923. Serial No. 618,290. 1 Claim. (Cl. 268—9.)



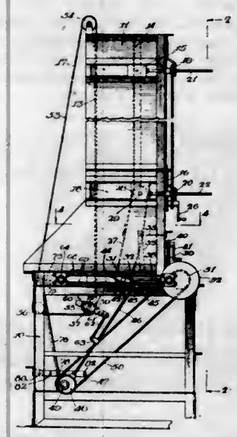
In a door opening and closing device, in combination, a pivotal control member, a pair of bars, each connected to a door and converging to and connected with the swingable end of said member, a rope or cable connected to the swingable end of said member and guided by a pulley located at one side of said bars, and a spring for positioning said member, whereby its outer end and the connected ends of said bars will intersect an imaginary line at their two extreme movements, said spring adapted to expand through a partial swing of said member and to contract through the remainder of the swing of said member, when said member is swung either forward or back.

1,572,219. MACHINE FOR TURNING AND STACKING THE ENDS OF CANS. GARRETT W. MUDD, Chicago, Ill. Filed Aug. 30, 1924. Serial No. 735,091. 27 Claims. (Cl. 113—114.)



1. A machine for turning can caps and including a trough or runway through which the caps are propelled by gravity, means disposed adjacent one end of the trough for turning the caps from a substantially flat position on edge, means disposed adjacent another portion of the trough and operable upon all of the caps for turning successive caps in opposite directions, and means for controlling the direction in which the caps are to be turned.

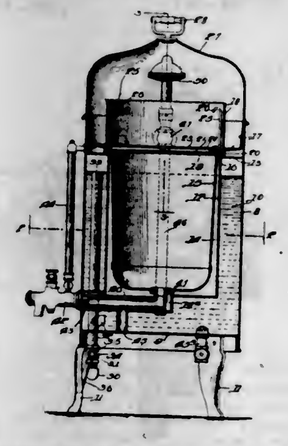
1,572,220. INTERLACING MACHINE. GARRETT W. MUDD, Chicago, Ill. Filed Nov. 24, 1924. Serial No. 752,044. 25 Claims. (Cl. 28—4.)



1. An interlacing machine including a hopper for the material, one wall of the hopper being adjustable to vary the size of the hopper, means adjacent the outlet of the hopper for compressing the material delivered therefrom, a reciprocating needle, and means for moving the said needle in the direction of feeding movement of the material after it has been inserted into the material.

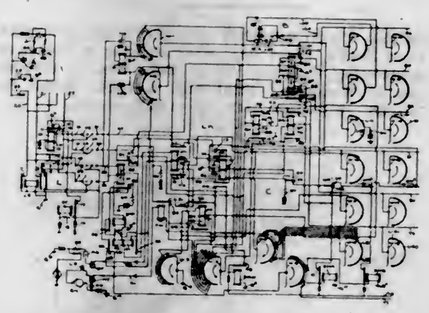
1,572,221. COFFEE URN. WILLIAM H. PETERSEN, Chicago, Ill., assignor to Albert Pick & Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 1, 1923. Serial No. 654,998. 2 Claims. (Cl. 53—3.)

1. In a coffee-urn, the combination of a receptacle having a water-chamber therein, a coffee-jar in the receptacle, a percolator comprising a siphon connection from the water-chamber to the percolator, a discharge pipe connected to the lower end of the jar, a faucet to which the outer end of said pipe is connected, and an



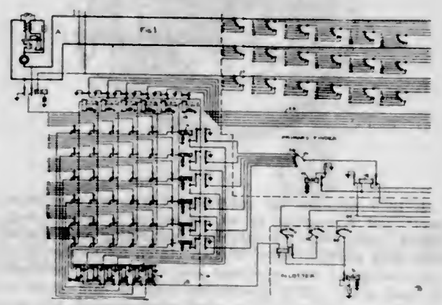
inner wall for the water-chamber spaced and separated from said pipes to permit the removal of the jar with the pipe thereon from the top of the receptacle.

1,572,222. TELEPHONE SWITCHING SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 31, 1919. Serial No. 286,359. 11 Claims. (Cl. 179—18.)



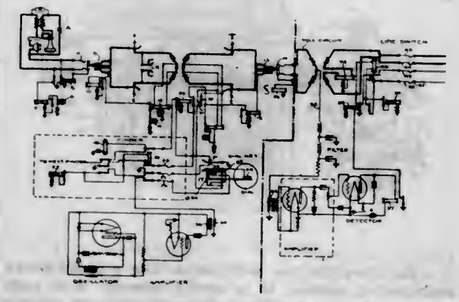
1. In an electromechanical telephone switching system, the combination with a main station trunk circuit, of a telephone line adapted to be connected thereto, of a telephone substation for the said line, a sending device at the said substation, switching mechanism for the said trunk circuit under the control of the said sending device, the said switching mechanism comprising a plurality of switches, one of the said switches being a steering switch and another of the said switches being a combined register and connector switch, means to operate the substation sender to give the said combination switch a predetermined setting in accordance with the first digit of the called line number, means responsive thereto, to cause the said steering switch to take a setting corresponding to the setting of the said combination switch, means operative after the said setting of the steering switch to cause the said combination switch to always take a second setting which is the same for every case being independent of the first position setting of the said combination switch, and means responsive to the second operation of the said substation dial to operate the said combination switch to cause it to make connection with the terminals of the desired called line.

1,572,223. AUTOMATIC TELEPHONE SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Sept. 13, 1919. Serial No. 323,581. 8 Claims. (Cl. 179—18.)



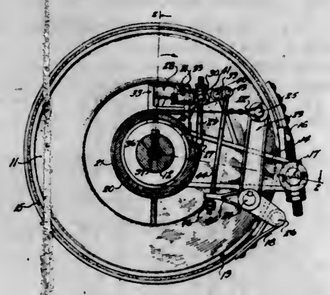
1. In a telephone system, a plurality of telephone lines, trunks, a plurality of groups of relays arranged to be variably operated during the initiation of a call, said relays being less in number than the number of said lines, and primary and secondary progressively movable finder switches operating simultaneously under the control of said groups of relays for connecting an idle trunk to the calling line.

1,572,224. LONG-DISTANCE TELEPHONE SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Apr. 2, 1921. Serial No. 457,860. 12 Claims. (Cl. 179—27.)



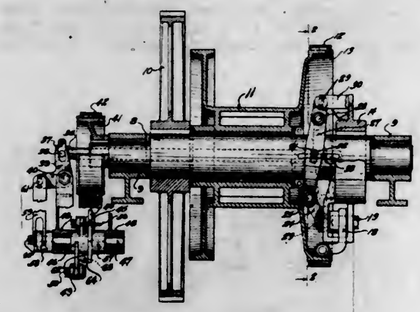
1. In a telephone system in combination with a conversational circuit having two conductors, means for transmitting impulses over said conductors in parallel, an electron discharge device having an input and an output circuit, said input circuit being connected electrically to said conductors to receive impulses thereover, and electromagnetic mechanism operated under control of said output circuit.

1,572,225. CLUTCH-OPERATING MEANS. PAUL BURKE, Green Bay, Wis., assignor to Northwest Engineering Company, Green Bay, Wis., a Corporation of Wisconsin. Filed Apr. 28, 1924. Serial No. 709,477. 14 Claims. (Cl. 192—36.)



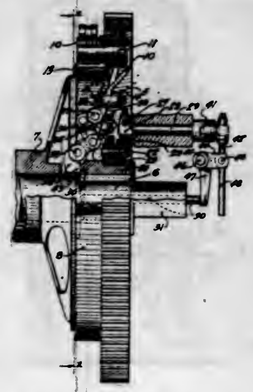
1. In a machine, the combination with a power-driven shaft and a member to be driven, of a main friction clutch mechanism for drivingly connecting said member with said shaft, a servo friction clutch mechanism under the control of the operator and operatively connected to said main clutch mechanism and to said shaft for operating said main clutch mechanism through the force applied in making an application augmented by the power which it receives from said shaft, and means associated with both of said clutch mechanisms for positively releasing the same.

1,572,226. CLUTCH-OPERATING MECHANISM. PAUL BURKE, Green Bay, Wis., assignor to Northwest Engineering Company, Green Bay, Wis., a Corporation of Wisconsin. Filed May 5, 1924. Serial No. 711,144. 15 Claims. (Cl. 192—36.)



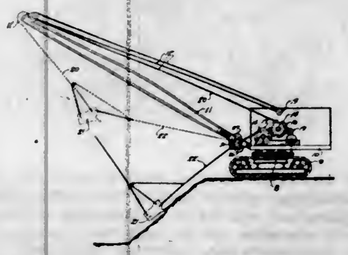
1. In a machine, the combination with a power-driven shaft and a member to be driven thereby, of a main clutch mechanism for drivingly connecting said member with said shaft including a clutch member and its mounting continuously revolving with said shaft, clutch-shifting means for said main clutch mechanism, servo-friction clutch mechanism including a continuously rotating drum, and a friction band coacting with said drum and operatively connected with said clutch-shifting means for transmitting the force impressed upon it, augmented by the force it receives from said drum, to said clutch-shifting means.

1,572,227. CLUTCH MECHANISM. PAUL BURKE, Green Bay, Wis., assignor to Northwest Engineering Company, Green Bay, Wis., a Corporation of Wisconsin. Filed Aug. 1, 1924. Serial No. 729,497. 6 Claims. (Cl. 192—36.)



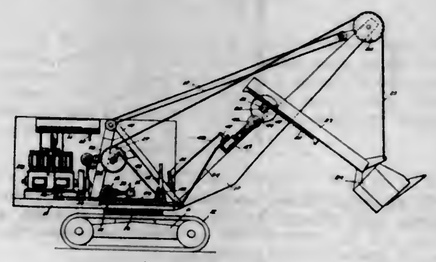
1. In a clutch mechanism, the combination with a driving member and a member to be driven, of a main clutch mechanism for drivingly connecting said members together, a servo-friction clutch mechanism including a drum revolving with and rotatable relative to said driving member and operatively connected to said main clutch mechanism to move the same to clutched position, and manually-operated means for positively releasing said main clutch mechanism.

1,572,228. FAIRLEAD FOR DRAGLINE EXCAVATORS. PAUL BURKE, Green Bay, Wis., assignor to Northwest Engineering Company, Green Bay, Wis., a Corporation of Wisconsin. Filed Aug. 4, 1924. Serial No. 730,068. 6 Claims. (Cl. 37—116.)



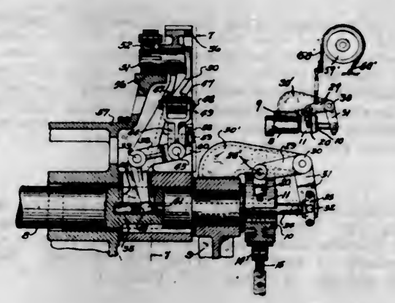
5. In a machine, the combination with a winding drum and a line associated with said drum, of a fairlead mechanism including a reciprocating frame, a feed-screw connected with said frame, a nut on said feed-screw, a driving member having a loosely splined driving connection with said nut, said feed-screw moving said frame relative to the longitudinal axis of the drum at a rate to maintain the run of said line between said guide means and drum substantially tangent to the helix formed by the previous warp of line on said drum.

1,572,229. POWER SYSTEM. PAUL BURKE, Green Bay, Wis., assignor to Northwest Engineering Company, Green Bay, Wis., a Corporation of Wisconsin. Filed May 11, 1925. Serial No. 29,597. 8 Claims. (Cl. 214—135.)



1. In an excavator, the combination with a multi-cylinder internal combustion engine constituting the main power-producing unit, of mechanism receiving power direct from said internal combustion engine, control means for said mechanism, compressor means associated with one of the cylinders of said engine whereby this cylinder may operate as a compressor, and means rendered operative when the control means renders said mechanism inoperative to cause said compressor means to function.

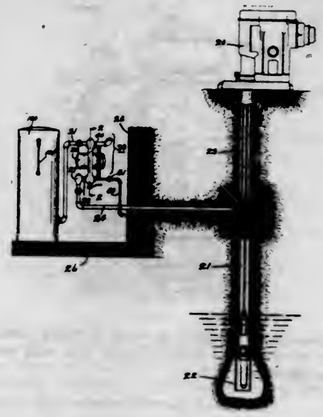
1,572,230. SERVO MECHANISM. PAUL BURKE, Green Bay, Wis., assignor to Northwest Engineering Company, Green Bay, Wis., a Corporation of Wisconsin. Filed July 31, 1925. Serial No. 47,332. 4 Claims. (Cl. 192—36.)



1. In servo mechanism, the combination with a power-driven shaft of a friction drum on said shaft, a friction band coacting with said drum and being stationary before and after actuation, an operator-controlled member, and an operating rod including parts slidably movable relative to each other, one part of said operating rod being operatively connected to one end of said band and to said operator-controlled member and the other part of said operating rod being operatively connected with the other end of said band and to the mechanism to be actuated.

1,572,231. PUMPING APPARATUS. GEORGE A. BUVINGER, CLARENCE WARNER, and JASPER A. SMITH, Dayton, Ohio, assignors to Delco-Light Company, Dayton, Ohio, a Corporation of Delaware. Filed Mar. 30, 1923. Serial No. 628,799. 18 Claims. (Cl. 103—6.)

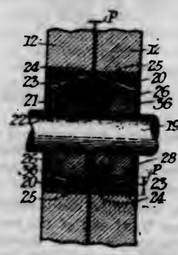
1. In a water system, the combination with a pump and a pressure storage tank; of a main duct connecting the pump and tank; a duct by-passing a portion of the main duct; and means for introducing air into the by-pass duct and for causing air to be forced by the flow of water in said main duct from the by-pass duct into the tank.



1,572,232. CELLULOSE-ACETATE FILM COMPOSITION. STEWART J. CARROLL, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Apr. 22, 1925. Serial No. 25,144. 4 Claims. (Cl. 106—40.)

3. As an article of manufacture a transparent film comprising cellulose acetate and sufficient tributyrin to maintain flexibility therein after prolonged heating at 65° C.

1,572,233. RESILIENT-TYPE-DISK NUMBERING STAMP FOR PHOTOGRAPHIC-PRINTING MACHINES. BENJAMIN D. CHAMBERLIN, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed July 21, 1924. Serial No. 727,118. 13 Claims. (Cl. 101—110.)

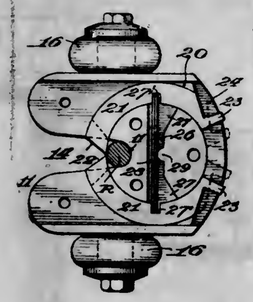


1. In a numbering stamp for photographic printing machines, the combination with a shaft, a plurality of type disks supported thereon, of individually resilient mounts for each type disk including a washer adapted to engage the shaft, said washer having resilient portions adapted to engage the disks.

1,572,234. SUCKER-ROD ELEVATOR. WESLEY F. CORNELIUS, Whittier, Calif. Filed Mar. 16, 1925. Serial No. 15,974. 7 Claims. (Cl. 294—91.)

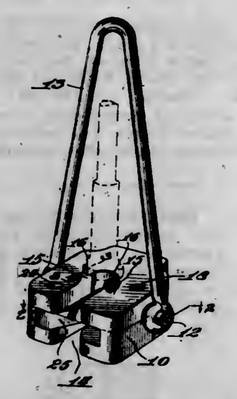
1. In a sucker rod elevator, a block provided with a vertically disposed sucker rod receiving opening, a pair

of latching members arranged for operation on said block, and a flat spring arranged so that its ends directly engage



the intermediate portions of said latching members for normally forcing their forward ends into said sucker rod-receiving opening.

1,572,235. SUCKER-ROD ELEVATOR. LEWIS F. DAVIS, Santa Ana, Calif. Filed Sept. 3, 1925. Serial No. 54,170. 6 Claims. (Cl. 294—91.)

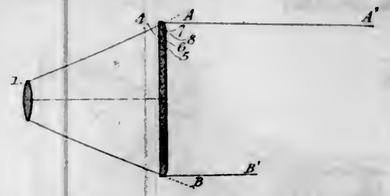


1. In a rod elevator, a block provided with a chamber and with a rod-receiving slot extending inwardly from its front face, a rod-engaging dog arranged within the chamber in said block and pivotally mounted therein to one side of the rod-receiving slot and a spring pressed dog latching member arranged within the chamber and its forward end being pivotally connected to said block to one side of the open front end of the rod-receiving slot.

5. In a rod elevator, a block provided with a rod-receiving slot that extends inwardly from its front face and rod-engaging shoulders formed on top of said block for normally forcing an engaged rod toward the rear of said slot.

1,572,236. CAMERA OBSCURA. CHARLES W. FREDERICK, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 26, 1924. Serial No. 702,127. 11 Claims. (Cl. 88—1.)

1. An optical system constituting a camera obscura and comprising a front lens and a rear light transmitting element spaced therefrom, the lens being adapted to focus an image at a surface of said rear element, the rear element having on one surface a series of prismatic corrugations having a convergent effect upon the light beam transmitted through the system.



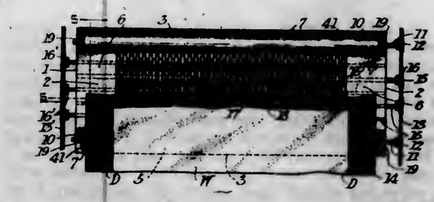
8. An optical element comprising a sheet of light transmitting and diffusing material, one surface of which is plane and the other surface of which has minute concentric prismatic corrugations.

1,572,237. SCRIBER CLAMP AND ATTACHING DEVICE. ELMER L. HUNT, Los Angeles, Calif. Filed Mar. 9, 1922. Serial No. 542,267. 3 Claims. (Cl. 33—27.)



1. An instrument of the character described comprising a block, a second block disposed beneath the latter, means extending through the blocks for clamping the same to each other, one portion of the first block being split longitudinally and provided with stylus receiving openings, in the split means for constricting the openings, and a lip formed on the second block extending under the first block for the purpose described.

1,572,238. SUCTION BOX FOR PAPER-MAKING MACHINES. JOHN G. JONES, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Feb. 12, 1924. Serial No. 692,430. 8 Claims. (Cl. 92—51.)



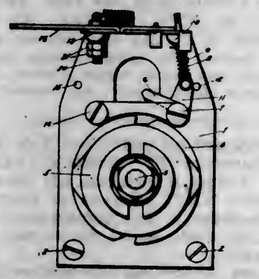
1. In a paper making machine, the combination with a wire screen, of a suction box over which the screen may be drawn, having a suction area including a plurality of overlapping rollers with interstices between the rollers, whereby the screen may be supported by the rollers as the suction acts through the interstices and screen to draw moisture from a paper web being formed on the screen.

1,572,239. FILING DEVICE. DAVID W. LOW, Los Angeles, Calif. Filed Mar. 24, 1924. Serial No. 701,469. 14 Claims. (Cl. 129—20.)



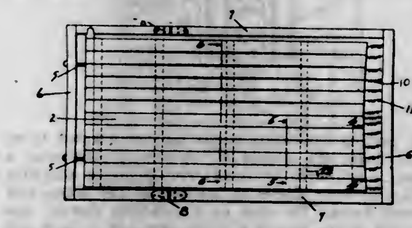
1. A file comprising a cover provided with a back portion, a series of leaves secured to said back portion, and pockets mounted upon each leaf and hinged thereto, said pockets being so arranged that each pocket on a given leaf exposes a portion of each of the subjacent pockets on that leaf.

1,572,240. RESETTING DEVICE. SAMUEL C. MCKEOWN, Newark, N. J., assignor to Splitdorf Electrical Company, Newark, N. J. Filed Dec. 21, 1920. Serial No. 432,312. 7 Claims. (Cl. 74—14.)



1. A resetting device comprising a positioning member, a stud adjacent one end of the positioning member to securely attach the resetting device to a support, prongs on the positioning member at the opposite end thereof adapted to embrace the support, a tripping member on the positioning member, means thereon adapted to engage and push a member and means to move the tripping member.

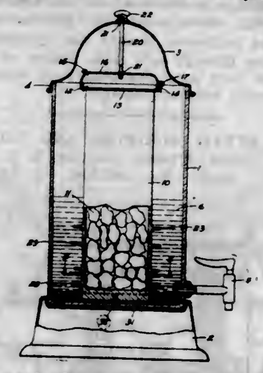
1,572,241. MATTRESS SUPPORT FOR FOLDABLE BEDS AND THE LIKE. CHARLES D. MCDONALD, Los Angeles, Calif. Filed Oct. 26, 1922. Serial No. 597,095. 2 Claims. (Cl. 5—191.)



1. A mattress support for a bed frame consisting of a set of parallel longitudinally extending flexible straps, and means along the transverse ends of the straps for attaching the same to a bed frame, the longitudinal straps being free from each other at their contiguous parallel edges, the said parallel edges slightly overlapping at the end portions and being longitudinally stitched.

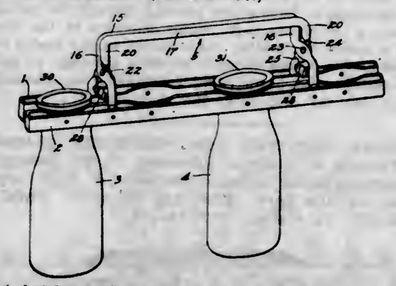
1,572,242. BEVERAGE COOLER AND DISPENSER. WILLIAM MCLAUGHLIN, Los Angeles, Calif. Filed Feb. 19, 1925. Serial No. 10,308. 3 Claims. (Cl. 225—21.)

2. An ice cooler comprising in combination a jar having an open mouth to contain a beverage, a substantially cylindrical ice container insertable through the open mouth of the jar, a plate secured to the lower end of the ice container and having a series of lateral flanges and a fin at the bottom, a cover for the jar and means



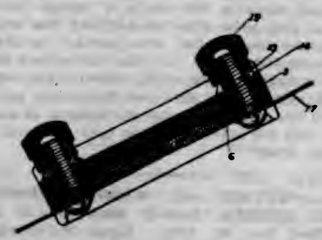
extending through the cover connected to the ice container to reciprocate and rotate the container and means to withdraw the beverage from the jar.

1,572,243. BOTTLE CARRIER. HAROLD H. NEWTON, Claremont, Calif. Filed Feb. 6, 1925. Serial No. 7,307. 2 Claims. (Cl. 294—87.)



1. A bottle carrier comprising in combination similar bottle gripping members, each of said members being formed from a strip of metal having a straight back, an inner face having a plurality of recesses spaced apart by straight spacing portions, a pair of U-shaped handle arms having their lower ends forming outwardly bowed legs, pivotally connected together and secured to the gripping members and a compression spring spaced between the legs of the handles to normally press the gripping members apart.

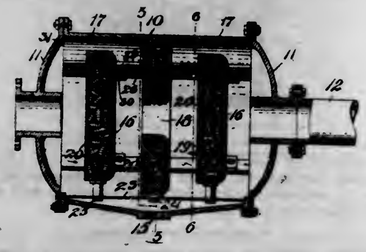
1,572,244. CONDENSER. EDWARD B. NOWOSIELSKI, Bloomfield, N. J., assignor to Splitdorf Electrical Company, Newark, N. J. Filed Apr. 12, 1922. Serial No. 551,872. 6 Claims. (Cl. 250—41.)



4. In a device of the class described, two similar moulded pieces of insulation having metallic inserts moulded in each end thereof, each piece of insulation

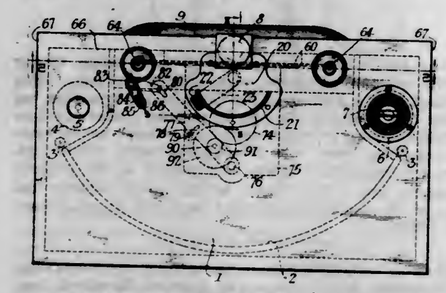
having a slight depression on one side and a rim on the other side, condenser elements positioned between said pieces in the space made by said depressions but having opposite terminals in electrical contact with said inserts, said rim having openings cut away adjacent said inserts, terminal clips positioned in said rim openings, clamping screws passing through said clips, inserts and condenser elements and lock nuts engaging said screws to hold all of the parts securely together.

1,572,245. STEAM PURIFIER AND DRIER. CORNELIUS J. QUINN, Winfield Junction, N. Y. Filed Jan. 16, 1924. Serial No. 686,504. 2 Claims. (Cl. 183—112.)



1. A steam purifier and drier comprising a casing having ports at its ends, transversely arranged basins having openings to force steam passing through the casing to pursue a circuitous path, metal shavings in the basins, and a screen for holding the shavings in the basins so as to present a broad expanse of such shavings to steam, the casings and basin being constructed to provide an outlet for the drip from the shavings.

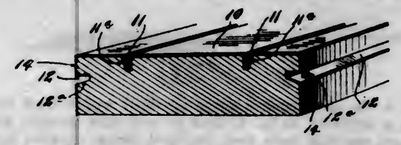
1,572,246. SHUTTER FOR PANORAMIC CAMERAS. WILLIAM A. RIDDELL, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Apr. 15, 1925. Serial No. 23,425. 13 Claims. (Cl. 95—16.)



1. In a panoramic camera, the combination with a swinging lens holder having a pinion, of a pivoted lever having teeth engaging the pinion, a spring for moving the pinion, stop pins mounted adjacent the lever and spring pressed toward the lever, detents in the lever adapted to be engaged by the pins, and means for moving the pins against their spring pressure whereby when one pin is moved from the lever detent the lever may swing until the other pin, under the impulse of its spring will snap into the other detent to hold the lever at the end of its stroke.

1,572,247. METHOD OF MANUFACTURING VENEERED LUMBER. BYRD C. ROCKWELL, St. Joseph, Mo. Filed Jan. 30, 1924. Serial No. 689,508. 8 Claims. (Cl. 144—309.)

1. The method of manufacturing veneered lumber consisting of forming longitudinally disposed grooves in a core body of low grade lumber, gluing finishing veneer strips in said grooves to form the exposed edges of the veneered lumber, and applying a face veneer section to



the face of said core body with the side edges of said face veneer section flush with the outer faces of said veneer strips.

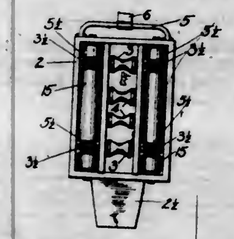
1,572,248. PROCESS OF REDUCING THE VISCOSITY CHARACTERISTICS OF NITROCELLULOSE. SAMUEL E. SHEPPARD and LEON W. EBERLIN, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed June 15, 1925. Serial No. 37,404. 5 Claims. (Cl. 260—148.)

1. The process of treating nitrocellulose which comprises acting thereon with a substantially non-nitrating gaseous mixture containing higher oxides of nitrogen until its viscosity characteristics are lowered.

1,572,249. PROCESS OF REDUCING THE VISCOSITY CHARACTERISTICS OF NITROCELLULOSIC MATERIALS. SAMUEL E. SHEPPARD and LEON W. EBERLIN, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed June 15, 1925. Serial No. 37,405. 7 Claims. (Cl. 260—148.)

1. The process of treating nitrocellulose which comprises acting thereon with a bath of a peroxide, until its viscosity characteristics are lowered.

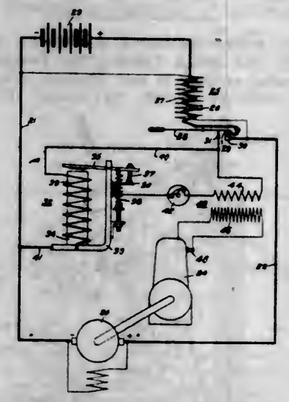
1,572,250. AUTO PARKING DEVICE. EDGAR L. SMITH, Los Angeles, Calif. Filed July 14, 1922. Serial No. 574,888. 2 Claims. (Cl. 180—1.)



1. A parking device for motor vehicles adapted to be adjusted under the wheels of the vehicle comprising a carriage, a plurality of transverse drums, a plurality of rollers at right angles to the axes of the drums and positioned beyond the ends on the outside thereof, one of the end drums having a worm attached to each end of its axle and driving a worm on each of the rollers, a ratchet on one of the rollers, a dog engaging the ratchet, and a connection from the dog to the driver's seat whereby the dog may be operated to engage the ratchet and stop the rotation of the drum, hence stopping the lateral movement of the vehicle.

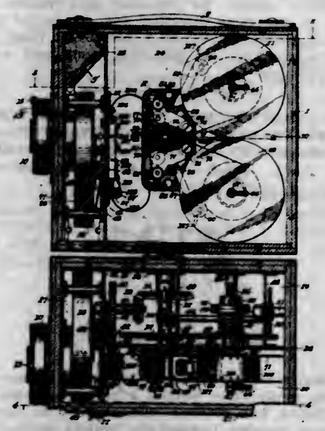
1,572,251. BATTERY-CHARGING SYSTEM. FRANK F. STARR, Dayton, Ohio, assignor to Delco-Light Company, Dayton, Ohio, a Corporation of Delaware. Filed Mar. 13, 1922. Serial No. 543,135. 9 Claims. (Cl. 290—41.)

1. In a battery charging system, the combination with an internal-combustion engine and a generator driven thereby; of a storage battery; and means for automatically disconnecting the storage battery from the generator when a certain battery voltage has been attained,



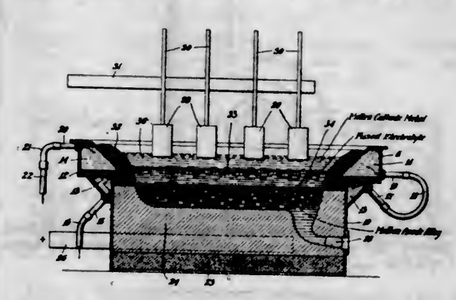
said means including temperature responsive means permitting the battery voltage to reach relatively higher values as the temperature decreases.

1,572,252. MOTION-PICTURE APPARATUS. JULIEN TESSIER, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed May 3, 1920. Serial No. 378,616. 3 Claims. (Cl. 88—17.)



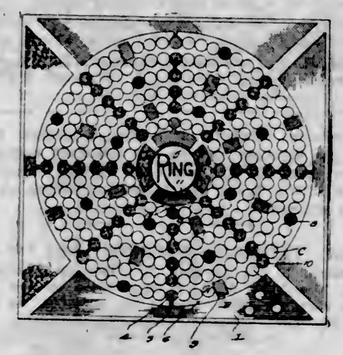
1. In apparatus of the type described, a casing, a door in one side of the casing, mechanism for advancing film past and holding it in an exposure position, said mechanism including a gate and a member for pressing film against said gate, a recessed lug parallel to the gate with a free end toward said door, the pressure member being pivotally mounted on said lug and a spring on said pressure member and engaging a recess in said lug whereby the member is normally held in place but permitting the ready removal thereof, a latch for holding the pressure member in film pressing position, said latch being on the side toward the door so as to be readily accessible therefrom, said pressure member when swung on the pivot being entirely free from said gate and leaving therebetween a space open toward said door into which film may be inserted in an edgewise direction.

1,572,253. METHOD OF STARTING ELECTROLYTIC CELLS. DONALD HEATH TILSON, Badin, N. C., assignor to Aluminum Company of America, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Nov. 30, 1923. Serial No. 677,587. 17 Claims. (Cl. 204—19.)



1. The process of putting an electrolytic cell in condition for electrolytic refining of metal, comprising establishing in the cell a layer of molten electrolyte and thereafter two layers of molten metal in succession, differing in density from each other and from the electrolyte; freezing on the sides of the cell from the electrolyte layer a crust adapted to form part of a side-lining, before the second metal layer is established; and thereafter completing the side-lining.

1,572,254. GAME. JOAQUIN R. TORNÉS, Ada, Ohio. Filed Apr. 17, 1925. Serial No. 23,885. 3 Claims. (Cl. 273—134.)

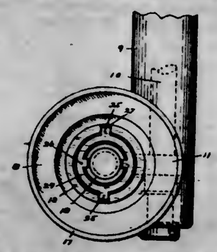


1. In a game of the class described, a playing board having its surface designed to provide a central isolated goal surrounded in spaced relation by individual starting fields adapted for reception of individual playing pieces, a plurality of endless paths adapted to be traversed by said playing pieces, said paths being located between the starting fields and said goal and being separated from each other, and bridges joining adjacent paths for permitting a playing piece to be legitimately moved from an outer to an inner path.

1,572,255. DRIVING MEANS FOR ELECTRICAL IGNITERS. HENRY WILLIAM UHL, Freeport, N. Y. Filed July 14, 1924. Serial No. 726,035. 6 Claims. (Cl. 64—91.)

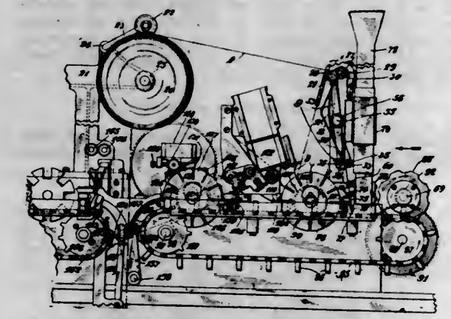
1. A driving means for ignition devices, comprising in combination with the engine cam shaft and an ignition device mounted upon the engine, of a driving gear

rotatably mounted in said ignition device and formed with aligned slots in its rear end, a sleeve secured on said cam shaft, and a floating driving means mounted



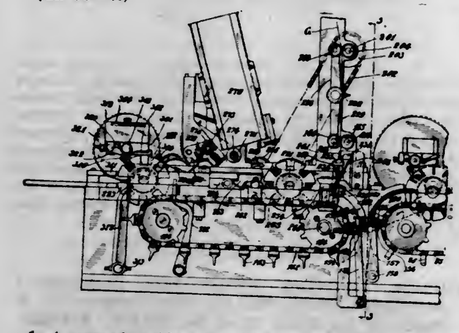
between said gear and said sleeve and means carried thereby for engaging said gear and said sleeve to form a flexible coupling therebetween.

1,572,256. WRAPPING MACHINE. JOHN VAN BUREN, Brooklyn, N. Y., assignor to American Chicle Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 26, 1920. Serial No. 426,565. 20 Claims. (Cl. 93—7.)



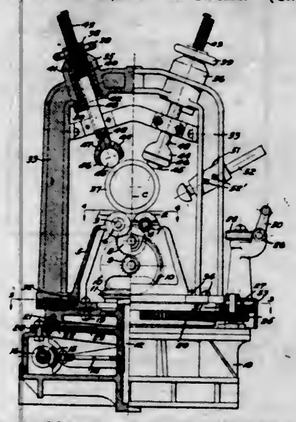
1. Abutment members for holding a wrapper therebetween, the distance between the abutment members being less than the length of the wrapper whereby the wrapper will be flexed, and means for feeding an object to said wrapper.

1,572,257. PACKAGING MACHINE. JOHN VAN BUREN, Brooklyn, N. Y., assignor to American Chicle Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 26, 1920. Serial No. 426,566. 34 Claims. (Cl. 93—7.)



1. A curved guide, a resiliently supported platform beyond and transverse to the guide, means for feeding a stream of articles through the guide onto the platform, means for shifting the position of the articles on the platform, an oppositely curved guide, and means for lifting a predetermined number of articles from the platform into said oppositely curved guide.

1,572,258. PIPE-WRAPPING MACHINE. CHARLES F. WIELAND and EMILE JANSEN, San Francisco, Calif.; said Jansen assignor to said Wieland. Filed June 15, 1925. Serial No. 37,146. 13 Claims. (Cl. 242—11.)



1. In a machine for wrapping pipes and the like, rollers having parallel axes adapted to support and engage a pipe, means rotatably supporting said rollers in a fixed horizontal plane whereby pipes of various sizes are supported with their lower arcs in the same horizontal plane, means for rotating said rollers simultaneously in the same direction and means for traversing said supporting means in a horizontal plane whereby said rollers may be angularly positioned with respect to the pipe.

1,572,259. DEVICE FOR FEEDING MOISTURE TO BANANA STALKS. LORENZO D. WOODS, Cambridge, Iowa, assignor of one-half to John A. Woods, Cambridge, Iowa. Filed June 10, 1924. Serial No. 719,122. 2 Claims. (Cl. 99—2.)

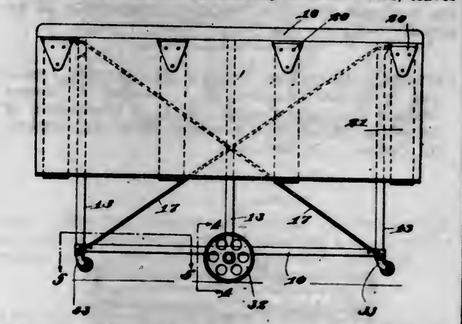


1. A device for supplying moisture to banana stalks, comprising a container having a bottom member and a conical shaped wall member truncated at its upper end, said bottom member having the central portion of its inner face provided with an upwardly extending screw threaded member.

1,572,260. HIDE-CARRYING HORSE AND TRUCK. WALLACE C. WRIGHT, Brookfield, N. H., and DANA H. HARDING, Arlington, Mass., assignors to Harding Engineering Company, East Boston, Mass., a Corporation of Massachusetts. Filed Apr. 16, 1924. Serial No. 706,838. 1 Claim. (Cl. 280—49.)

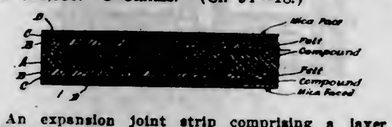
In a combined portable horse and worktable, the combination with a rectangular frame, an axle secured to the under side thereof, centrally located with respect thereto, and extending transversely of the frame, wheels rotatably mounted on said axle, swivel castors centrally mounted on said frame and secured at the ends thereof and normally out of engagement with the floor or ground

when the frame is in horisontal position, upwardly extending supports secured to the top of said frame, a horizontal table secured to the upper ends of said supports and extending longitudinally of said frame, leaves



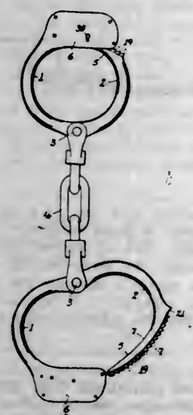
less in thickness than the table hingedly secured to the sides of said table and with the top surfaces thereof lying below the top surface of the table, when the same are in horisontal position, and means for adjustably holding the leaves in any desired angular position relative to the table.

1,572,261. EXPANSION-JOINT STRIP. EDWARD J. YETTER, Denver, Colo. Filed Oct. 31, 1921. Serial No. 511,850. 3 Claims. (Cl. 94—18.)



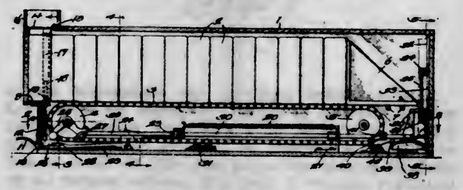
1. An expansion joint strip comprising a layer of impregnated felt, a relatively thick layer of asphaltic material upon one side of said felt, a relatively thin layer of asphaltic material upon the opposite side of said felt, a second layer of impregnated felt contacting with said thicker layer of asphaltic material, and a coating of finely divided non-adhesive material on the outer face of said thin layer of asphaltic material.

1,572,262. HANDCUFF. ALFRED D. ARBENZELLER, Boston, Mass., assignor to Harrington & Richardson Arms Co., Worcester, Mass., a Corporation of Massachusetts. Filed Aug. 14, 1923. Serial No. 657,316. 10 Claims. (Cl. 70—24.)



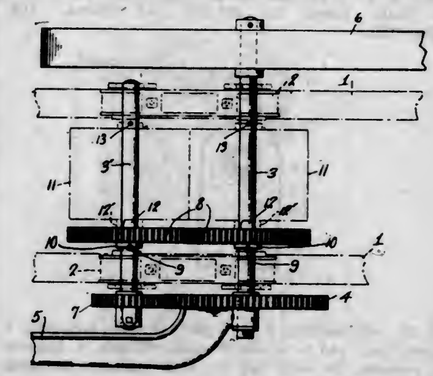
1. A hand cuff comprising two pivotally united members, one adapted to be introduced into the other, means for automatically locking them together when the two members are brought near enough together to span a human wrist, and means for automatically unlocking them when brought slightly nearer together than said span, whereby they can be drawn apart in the opposite direction without interference from the lock.

1,572,263. OBJECT-DISPENSING MACHINE. MARSELLUS T. ASH, Chicago, Ill. Filed Mar. 7, 1922. Serial No. 541,728. 2 Claims. (Cl. 211—8.)



1. In a dispensing machine, the combination with a container; of an endless belt in said container and having an upper stretch which serves to support a row of objects that are to be dispensed; an ejector at the discharge end of the belt and positioned to receive objects carried thereto by the belt, said ejector being movable transversely of the belt toward an opening which is formed in the top of the container in line with said ejector; a pawl in actuating relation with the belt and serving to move the belt in a direction to move the objects toward the ejector; a connection between the pawl and ejector serving to move the pawl in an escaping direction when the ejector is operated to eject an object; and a spring connected with the pawl to oppose the escaping movement of the pawl, and, when released, to operate the pawl to move the belt.

1,572,264. POWER-TRANSMISSION MECHANISM. ARLIE BARTLEMAY, Bluffton, Ind., assignor to The Red Cross Manufacturing Co., Bluffton, Ind. Filed Sept. 1, 1921. Serial No. 497,684. 1 Claim. (Cl. 74—7.)



In combination, a pair of spaced bearings arranged in parallelism, a pair of shafts each having apertures disposed to one side of its medial portion with certain ends thereof extending beyond the bearings, pins projecting through the apertures of the shafts, intermeshing gears disposed on the shafts, collars having aligned grooves engaging the pins from one side of the gears, lugs on the opposite sides of the gears in the region of the shafts, other intermeshing gears carried by the shafts on the opposite side of those bearings adjacent the first mentioned gears, a balance wheel secured at the extremity of one of the shafts exteriorly of the adjacent bearing, and means including other pins fixed to the shafts for retaining the first mentioned gears against the adjacent pins thereof.

1,572,265. WINDOW REGULATOR. ROBERT W. BOSTWICK and GRANT W. BOSTWICK, Detroit, Mich. Filed Oct. 3, 1924. Serial No. 741,453. 7 Claims. (Cl. 192—8.)



1. In a window regulator, the combination with a member rotatable in opposite directions for raising and lowering a window, of a stationary member provided with teeth, a plurality of members connected to said rotatable member and engageable with the teeth of said stationary member to hold said movable member on opposite sides of its axis from rotation in either direction, and means for releasing said holding members and subsequently rotating said rotatable member in either direction.

1,572,266. PROCESS FOR REDUCING THE VISCOSITY CHARACTERISTICS OF NITROCELLULOSE. LEONARD E. BRANCHEN, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed May 13, 1925. Serial No. 30,082. 11 Claims. (Cl. 260—148.)

1. The process of treating nitrocellulose, which comprises first softening it with a penetrant liquid, and thereafter acting on it separately with an aqueous solution of an alkali until the viscosity characteristics of the nitrocellulose are reduced.

1,572,267. CAMERA HANDLE AND LATCH. FREDERICK W. BERHM and GEORGE W. ADAMS, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y. a Corporation of New York. Filed Mar. 5, 1924. Serial No. 697,139. 13 Claims. (Cl. 292—152.)

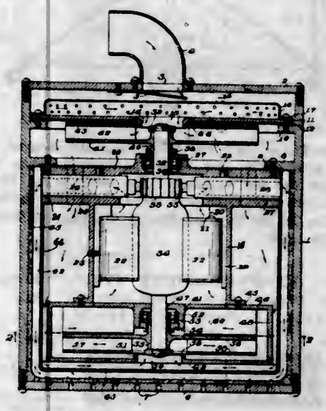


1. In combination, a two part camera including a camera body and a removable back therefor, a fastener for securing the body and the back together, including a movable retaining member on one part adapted to engage a catch on the other part, and a handle mounted upon one of said parts and adapted to be used for operating the retaining member and for carrying the camera.

1,572,268. PROCESS OF TREATING MIXED LEAD-ZINC SULPHIDE ORES. NIELS C. CHRISTENSEN, Salt Lake City, Utah. Filed Dec. 31, 1923. Serial No. 683,823. 4 Claims. (Cl. 75—18.)

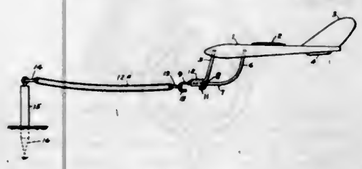
1. The process of treating lead-zinc ores and the like which consists in mixing said finely ground ores with an acid concentrated brine and thereby dissolving the lead and some of the zinc as chlorides in said brine and driving off the sulphur combined with said metals as H_2S and treating said H_2S with lime to form calcium sulph-hydrate and using said calcium sulph-hydrate to precipitate from said brine solution as sulphides first the lead, and thereafter the zinc, substantially as described.

1,572,269. PNEUMATIC POWER GENERATOR. STANLEY S. CRAMER, Camden, N. J., assignor to Motora Holding Company, Camden, N. J., a Corporation of Delaware. Filed June 5, 1920. Serial No. 386,872. 12 Claims. (Cl. 230—11.)



1. A pneumatic power producing device, comprising an outer shell, an inner casing, and a combined motor and fan unit within said casing and operative to cause a jacket of fluid to flow continuously between said shell and said casing throughout the longitudinal extent of said casing while said unit is in operation.

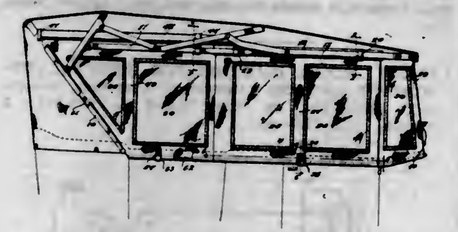
1,572,270. TOY AIRPLANE. DANIEL I. DWYER, Dayton, Ohio, assignor of one-half to Earl A. Smith, Dayton, Ohio. Filed Feb. 2, 1925. Serial No. 6,211. 8 Claims. (Cl. 244—12.)



1. In combination in a toy, of a toy airplane having a fuselage member, a plane surface, a rudder surface, a stabilizer surface, and a landing skid, means of detachably connecting the plane landing skid to an elastic catapult, and a catapult, whereby the plane may be projected over the catapult and detached therefrom upon being released and the catapult being allowed to actuate the plane.

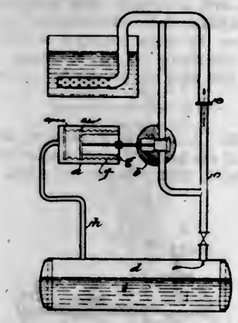
1,572,271. SIDE CLOSURE FOR MOTOR VEHICLES. BERNHARD EDWARDS, Sanford, Fla. Filed Jan. 16, 1924. Serial No. 686,652. 3 Claims. (Cl. 296—143.)

1. In a side closure for motor vehicles, a casing having end plates, a roller mounted upon said end plates to extend within the casing, and a curtain carried by the roller to be withdrawn from the casing and provided



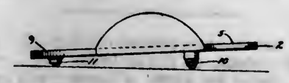
with a front flap adapted to be extended forwardly from the curtain, one end plate of the casing being provided with a slot to accommodate the flap when extended.

1,572,272. AUTOMATIC MEANS FOR LETTING OFF STEAM FROM A CONTAINER HAVING IN IT A BOILING LIQUID. OTTO EINSLER, Leverkusen, near Cologne, Germany, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Filed Nov. 25, 1924. Serial No. 752,263. 1 Claim. (Cl. 50—10.)



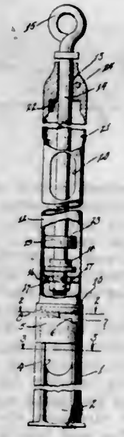
In combination with a vessel for containing boiling liquid, a main conduit connected with the top of the vessel for withdrawing steam therefrom, means in the said conduit a distance from the vessel, defining a permanent throttle, a by-pass connected to said conduit on opposite sides of the throttle and means responsive to the pressure within the vessel for controlling the flow of steam through the by-pass, said means being constructed and arranged to prevent flow of steam through the by-pass while the pressure within the vessel exceeds a critical limit, to allow unimpeded flow of steam through the by-pass when the pressure within the vessel drops below a lower critical limit and to vary the resistance to the flow of steam through the by-pass for pressures in the vessel, between said critical limits.

1,572,273. BABY CRAWLER. NINA MAY ELTON, Los Angeles, Calif. Filed June 6, 1925. Serial No. 35,381. 4 Claims. (Cl. 208—182.)



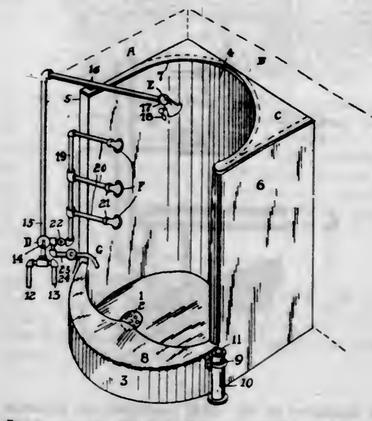
1. A baby crawler comprising a bottom member having upright side guards to keep a baby in place on its stomach; the front and the rear ends of the said member being sharply inwardly recessed at the margin to form arm and leg spaces at the ends of the guards to enable foot and hand propulsion.

1,572,274. COMBINATION SAND PUMP AND DRILL. SAMUEL ROSCOE EVANS and SAMUEL WILSON COLLINS, Tulsa, Okla. Filed Aug. 18, 1924. Serial No. 732,817. 5 Claims. (Cl. 166—19.)



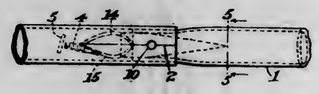
1. A device of the character described, comprising a well drill, a pump having a cylinder and a piston above said drill and a piston rod for said piston extending out of said cylinder and arranged for engagement with a line, said cylinder having an enlarged portion at the upper end thereof greater in diameter than the diameter of said piston.

1,572,275. COMBINATION BATHING FIXTURE. EDWIN J. EWING, Coraopolis Borough, Pa., assignor of one-half to John Evans, Westwood, Pa. Filed Mar. 29, 1924. Serial No. 702,764. 3 Claims. (Cl. 4—148.)



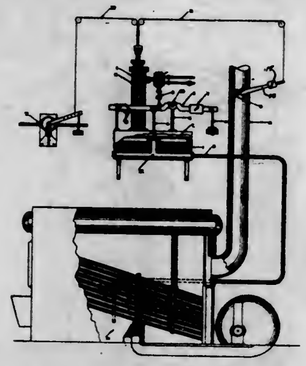
1. In a corner bathing fixture of the character described, the combination in one structure of a bath tub and a shower bath and comprising a base of flattened oval shape having a low front wall to form a shallow tub adapted for foot and baby bathing purposes, and the side and rear walls being extended upwardly to form a shower bath enclosure, one of the side walls of the fixture extending along one wall of the room while the rounded rear end of the fixture abuts against the other wall of the room, and a wing wall for the fixture connected at its front to the front edge of the outer side wall of the fixture and extending rearwardly, parallel to the longitudinal axis of the fixture to the room wall.

1,572,276. METHOD OF SPLICING UNVULCANIZED RUBBER TUBES FOR AUTOMOBILE TIRES AND THE LIKE. WALTER L. FAIRCHILD, New York, N. Y. Filed Feb. 24, 1925. Serial No. 11,006. 3 Claims. (Cl. 154—14.)



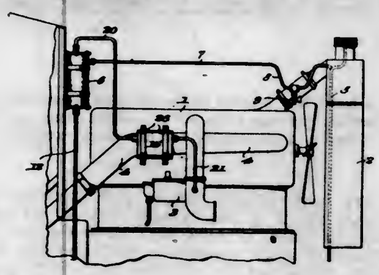
1. The herein described method of forming a pneumatic tube of unvulcanized rubber which consists of providing a section of said tubing of suitable length, providing a slit in one end of said section, mounting a mandrel in the other end of said section, bringing said ends together in lapped relation, kneading together the lapped portions of said tube so that the lapped portions thereof are united by cohesion using said mandrel as a base, cutting an aperture through the lapped ends of the tube using said mandrel as a base, removing the mandrel through said slit, inserting a valve stem through said aperture, bringing together the edges of said slit, mounting an apertured base patch upon said tube so that the aperture thereof surrounds the neck of the valve stem, and then kneading said tube in the vicinity of said valve stem and slit so that contacting surfaces of the wall of the tube are united by cohesion.

1,572,277. AUTOMATIC DRAFT REGULATOR FOR FURNACES. LOUIS P. FESSENDEN and HARRY B. ELLIS, Sheboygan, Wis., assignors to The Fessenden-Ellis Company, Sheboygan, Wis., a Corporation of Wisconsin. Filed Aug. 8, 1921. Serial No. 490,631. 1 Claim. (Cl. 236—15.)



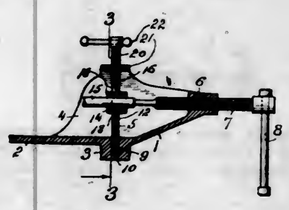
In a regulator of the class described, an inverted cup piston, a liquid sealed cylinder for the same said piston having an open connection for connection to the furnace to be controlled, a fulcrumed beam, means connecting the piston to one side of the beam, an adjustable counter weight connected to the other side of the beam, a hydraulic working cylinder for operating a furnace control member, a pilot valve for said operating cylinder, said valve being reversible and having a neutral position, said beam being normally balanced when a predetermined gas pressure acts upon said cup piston, said pilot valve being connected to said beam and being in neutral position when the beam is normally balanced, and spring means for said beam to afford increasing resistance for increasing deflection of the beam either way from normally balanced position, said liquid sealed cup piston serving as a dashpot to steady the weighted beam against vibration.

1,572,278. STEAM INJECTOR FOR INTERNAL-COMBUSTION ENGINES. HUBERT G. FLETCHER, Lonoke, Ark. Filed Feb. 26, 1924. Serial No. 695,282. 3 Claims. (Cl. 123—25.)



1. In a steam injector for internal combustion engines, the combination with a vacuum tank independent of the usual gasoline vacuum tank, of means for supplying vapor or steam from the engine radiator to said tank, and a conduit for delivering vapor or steam from said vacuum tank to mix with the charge for the engine.

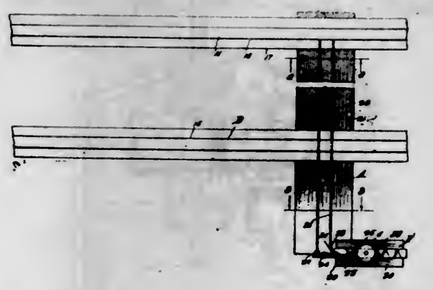
1,572,279. VISE. ALBERT F. FLORENCE, Kansas City, Mo., assignor of one-half to Leo G. Becker, Kansas City, Mo. Filed Feb. 3, 1925. Serial No. 6,525. 4 Claims. (Cl. 29—85.)



1. In a vise of the kind described, a base adapted to be mounted on a suitable support and having oppositely disposed vertical guides, and provided with a longitudinal threaded hole and a transverse guide, a screw fitted in said threaded hole, a supporting plate slidably mounted in said vertical guides and adapted to support a shaft in end alinement with said screw and to engage and hold a ring or a bearing tightly fitted on said shaft, when the latter is forced endwise by the screw, said plate having an inclined lower edge, and a wedge mounted in said transverse guide and having an inclined surface for slidable engagement with the inclined edge of said plate, by which the latter is forced upwardly, when the wedge is driven in the proper direction.

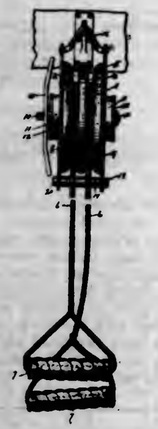
1,572,280. RAILROAD-CROSSING SIGNAL. LEE FRASIER and CONNELL C. HINER, Waco, Tex. Filed Jan. 26, 1925. Serial No. 4,867. 5 Claims. (Cl. 246—294.)

1. In a warning device for railroad crossings, a signal disposed adjacent to the crossing, a pull link for the signal, a rock shaft extending transversely of the track, means operatively connecting the rock shaft with the pull link, a pull rod operatively connected to the crank shaft for causing movement of the shaft upon longitudinal movement of the pull rod, a triangular shaped plate rockably associated with one of the rails of a railroad track at a point remote from the crossing, means



for operatively connecting the plate with the pull rod, and a track trip carried by the plate at a point spaced from the pivot of the plate and normally disposed in the path of the flanges of the car train wheels.

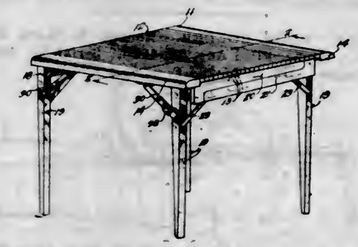
1,572,281. EXERCISER. BYRON G. FAY, Glendale, Calif. Filed July 23, 1923. Serial No. 653,149. 2 Claims. (Cl. 272—79.)



2. An exerciser comprising in combination a duplex pulley-like member having two cable channels, a cable wound around said member with its opposite ends extended therefrom and provided with gripping means, side plates for supporting said member, yielding friction means for creating friction on said member to regulate the ease with which it can be turned, means for regulating said friction, and means for supporting said exerciser whereby said gripping means on said cable ends can be alternately pulled and released, substantially as described.

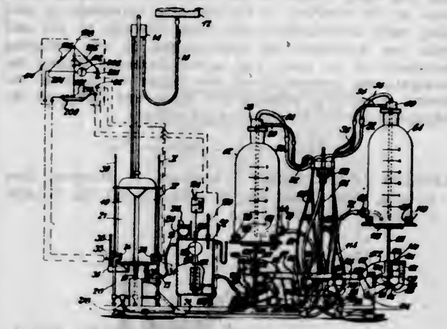
1,572,282. FOLDABLE TABLE. EPHRAIM P. GRIGNON, Appleton, Wis. Filed May 28, 1923. Serial No. 641,955. 7 Claims. (Cl. 45—11.)

2. In a collapsible table a top comprising a plurality of parallel disposed slats hingedly secured together; legs hingedly secured to said top adapted to fold in positions parallel and adjacent to said slats; and a supporting member hingedly carried by each of said legs for movement in a horizontal plane whereby they may be folded to occupy positions parallel to said slats and opened to extend transversely of said slats and to support the same, each of said supporting members being of a length



approximately equal to the length of the table top whereby they may be positioned in superposed vertical pairs when the table is in open position.

1,572,283. GAS CALORIMETER. ROBERT G. GRISWOLD, Westfield, N. J., assignor to Doherty Research Company, New York, N. Y., a Corporation of Delaware. Filed July 3, 1922. Serial No. 572,554. 19 Claims. (Cl. 73—184.)



1. A method of non-intermittently determining the caloric value of a gas which comprises burning the gas in heat interchanging relation with a volume of water proportionate to the volume of gas burned, continuously feeding the gas to be burned by displacing the gas from a container with the water being heated, and registering the rise in temperature of the water due to the combustion of the said gas in units corresponding to the heat value of the gas.

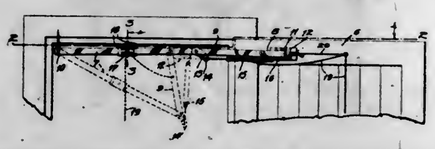
1,572,284. WINDOW CHANNEL. ERNEST M. GUILLAUME, Worcester, Mass., assignor to The Felters Company, Inc., Boston, Mass., a Corporation of Massachusetts. Filed July 22, 1922. Serial No. 576,834. 2 Claims. (Cl. 296—44.5.)



2. A window channel comprising a backing strip and side strips secured thereto forming a substantially U shaped channel, and stitching extending through and

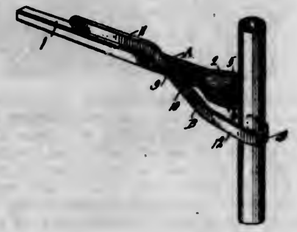
substantially across the width of the side strips and into the backing strip for stiffening and holding the side strips in proper position.

1,572,285. DOOR HOLDER. ROBERT R. HAGE, Minneapolis, Minn. Filed Aug. 24, 1923. Serial No. 659,109. 9 Claims. (Cl. 292—263.)



1. A swinging door holder comprising a toggle having inner and outer end links, an intermediate link, an offset bracket, said inner end link having means for attaching the same to a door frame, to which a swinging door is hinged, for compound swinging movement both in the direction of the swinging movement of said door and at right angles to such movement, said bracket having means for attaching the same to said door, the outer end link being hinged to the bracket for swinging movement in the direction of the swinging movement of said door, said intermediate link being pivoted to the end links for movement at right angles to the swinging movement of the door, and a stop arranged during the straightening movement of the toggle to position the pivotal connection between the inner end link and the intermediate link beyond a dead center.

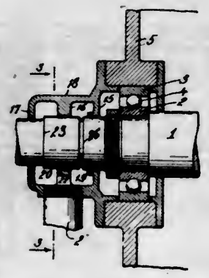
1,572,286. PIPE HOIST. LYNDALL O. HANSON, New Auburn, Wis. Filed May 6, 1924. Serial No. 711,420. 1 Claim. (Cl. 294—104.)



An implement of the class described including in combination a bar and a lever pivoted intermediate its ends to an intermediate portion of the bar, said bar including an elongafed shank, a head formed on one end of the shank, a jaw associated with the head, said lever including an intermediate portion, a handle extending from one end of the intermediate portion at an angle thereto, an arm extending from the other end of the intermediate portion and terminating in a hook extension having interior corrugations.

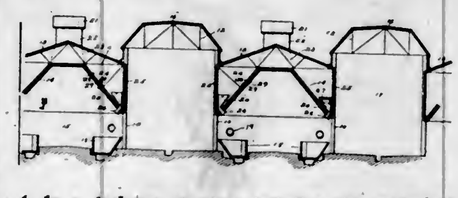
1,572,287. BEARING CAP. EDWARD HEITMAN, Jersey City, and JOHN F. TRUDEAU, Bayonne, N. J., assignors to Electro Dynamic Company, Bayonne, N. J., a Corporation of New Jersey. Filed Aug. 23, 1921. Serial No. 494,619. 4 Claims. (Cl. 308—134.)

1. In a device for excluding water from shaft bearings, a bearing cap recessed to form with the shaft an annular chamber and having an end wall closely surrounding but spaced from the shaft so as to admit a relatively thin annular stream of water into the chamber when the bearing is submerged, a water-deflecting element surrounding the shaft within said annular chamber in the path of the annular stream for acting to



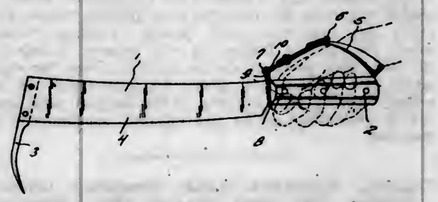
direct the stream away from the shaft and onto the walls of the chamber, and means for providing an unrestricted flow of said water from said annular chamber.

1,572,288. MEANS FOR ELIMINATING VAPOR AND PREVENTING CONDENSATION AND FOR VENTILATION. CHARLES J. HEUSER, Paterson, N. J. Filed Oct. 4, 1921. Serial No. 505,427. 2 Claims. (Cl. 98—27.)



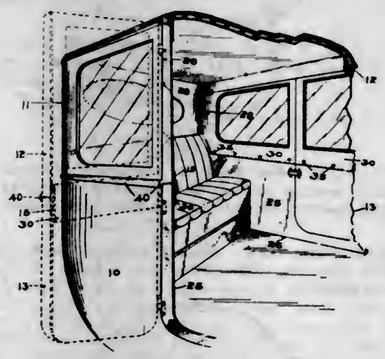
1. In a dyehouse structure including side walls and a series of vats positioned adjacent each side wall, a pyramidal insulated ceiling section supported by the side walls, the sides of said section converging upwardly to form with said structure an insulated air space above said section, said section being truncated, an outlet duct at the truncated portion through said air space, said vats being coincident with the lower edges of the section, means for heating said insulated air space, said means having a plurality of outlets for directing a stream of heated air to each vat.

1,572,289. HOLDER FOR BEET-TOPPERS' KNIVES. WILLIAM HOGAN, Fillmore, Utah. Filed July 21, 1924. Serial No. 727,260. 2 Claims. (Cl. 224—28.)



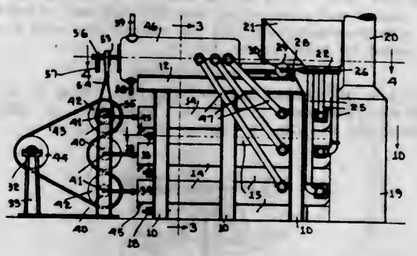
1. In combination with a lifting element and the handle therefor, a sling, a hook carried by the sling, a strand of wire clamped back upon itself and extending around the lifting element adjacent the handle, the free ends of the wire having loops formed therein, said looped ends overlapping each other and registering to receive said hook.

1,572,290. JOINT-MASKING MEANS FOR DEMOUNTABLE AUTOMOBILE TOPS. MATTHEW R. HULL, Connersville, Ind., assignor to Rex Manufacturing Company, Connersville, Ind., a Corporation of Indiana. Filed Jan. 2, 1920. Serial No. 349,015. 5 Claims. (Cl. 296—103.)



1. The combination with the lower open section of an automobile body, of a detachable top and upper side section having a bottom rim conforming to the top rim of said lower section, said top section having an external depending flange in the form of an ornamental bead masking the joint between the upper and lower sections externally and a lining for said upper section having a depending apron masking the joint between the upper and lower sections internally.

1,572,291. CONTINUOUS ORE-TREATING FURNACE. WILLIAM P. JOSSON, Philadelphia, Pa., assignor to Harvey S. Souder, Souderton, Pa. Filed Aug. 15, 1924. Serial No. 732,243. 4 Claims. (Cl. 266—16.)



1. A device of the kind described, a retort, means for heating said retort, means for intermittently supplying ore to the said retort, means for intermittently moving the ore longitudinally of the retort, means for drawing off fumes from the retort, and means for washing the draw-off fumes and precipitating the solid matter therein.

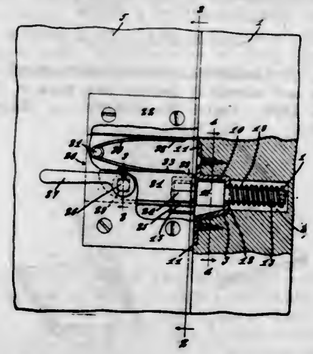
1,572,292. CONTROLLING DEVICE FOR TWO-CYCLE EXPLOSIVE ENGINES. JOHN JOHNSON, Percival, Saskatchewan, Canada. Filed May 1, 1923. Serial No. 636,006. 6 Claims. (Cl. 123—41.)

1. In an automatic spark controlling device for a two cycle explosive engine, the combination with the crank shaft thereof, of a counter shaft driven by the crank shaft, a commutator rotatably mounted on the shaft and provided with a pair of spaced insulated contact plates, shiftable brushes riding the face of the commutator and engageable with the plates, means for effecting an electrical circuit with one or other of the brushes in the shifting thereof, a rotary plate permanently secured to the counter shaft, pairs of opposing contacts carried by the plate and the commutator, said commutator contacts



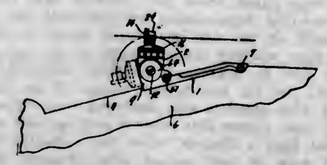
being in electrical connection with the plates of the commutator and those of the rotary plate being grounded, and the said pairs of contacts forming switches which open and close, depending on the direction of rotation of the counter shaft.

1,572,293. DOOR LATCH. MICHAEL H. JUDGE, Greeley, Nebr. Filed Oct. 11, 1923. Serial No. 667,962. 4 Claims. (Cl. 292—140.)



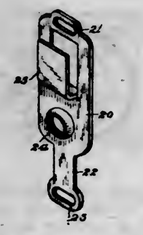
1. The combination of a pivotally mounted catch member having a head, and a latch member having a hollow head to fit over said catch head, said latch being pivoted to swing into and out of engagement with said catch.

1,572,294. GUN SIGHT. DEAN W. KING, San Francisco, Calif. Filed June 25, 1923. Serial No. 647,588. 3 Claims. (Cl. 33—57.)



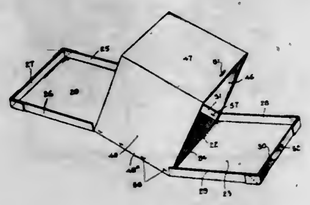
3. A gun sight of the character described comprising a base having parallel lips projecting therefrom, a block pivoted between the lips having a sight element disposed therein with freedom of longitudinal adjustability and a nut revolubly secured to the block and threaded on the sight element for effecting such adjustment, a cam mounted in a lateral recess in the block having a projection extending into a recess in the nut for locking the same, and a stationary pin extending through one of the lips into the recess in the block so as to ride on the cam and cause the same to withdraw the projection from the recess in the nut when the block is swung on its pivot.

1,572,295. **BRACKET.** HENRY M. KOPSKY, Philadelphia, Pa. Filed June 20, 1924, Serial No. 721,313. Renewed Aug. 13, 1925. 6 Claims. (Cl. 240—73.)



1. A bracket of the character described having a body portion with apertures adjacent its ends, a hook spaced from the body portion of said bracket between said apertures, and also a threaded aperture between said first-named apertures; said hook being adapted either with or independently of said last named aperture to receive and support a part of a fixture.

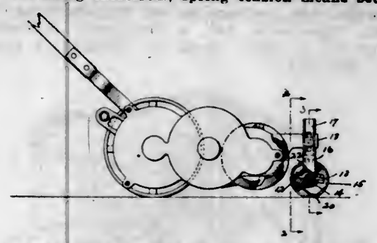
1,572,296. **COLLAPSIBLE MILLINERY BOX.** JOSEPH KRAMER and ALBERT H. ISRAEL, New York, N. Y. Filed July 9, 1924. Serial No. 725,073. 1 Claim. (Cl. 229—23.)



A collapsible box made from two blanks, the first blank forming the two opposite side panels and the front panel of the box with score lines located between said side panels and said front panel; the second blank forming the top and bottom covers and the rear panel of the box, score lines between said top and bottom covers and said rear panel connecting flaps at the opposite sides of said rear panel, score lines between said rear panel and connecting flaps, means for attaching the opposite side panels of the first mentioned blank to said connecting flaps whereby the side walls of the box will fold laterally and in uncreased condition when the box is collapsed; the top and bottom covers of the box being provided with opposite side flaps and front flaps defined by score lines, corner slits between said opposite side flaps and front flaps, a diagonal score line radiating from the base of each of said corner slits whereby when the slitted extremities of the end flaps are secured to the adjacent front flaps the corners of said top and bottom covers may be collapsed along said diagonal score lines, said flaps being arranged to engage the outer walls of the body of the box when in set up position.

1,572,297. **LAWN-MOWER ATTACHMENT.** ARTHUR LAVER, Bayside, N. Y. Filed Apr. 9, 1923. Serial No. 630,718. 2 Claims. (Cl. 56—249.)

1. The combination with a lawn mower having a frame and a cutting mechanism of a comb mounted on the mower in advance of the cutting mechanism thereof, said comb comprising a weighted back and forwardly advanced tines extending therefrom, spring tension means between



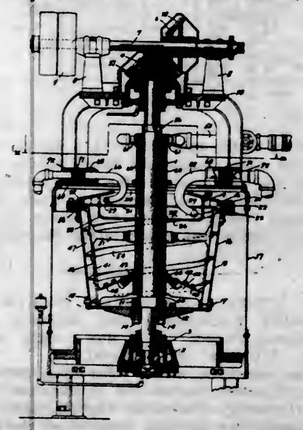
said back and mower frame for resiliently retaining said comb in working position, and means for adjusting the working position of said comb relative to the mower.

1,572,298. **RIM TOOL.** ALMA J. LUNDAHL, Logan, Utah. Filed June 23, 1922. Serial No. 570,346. 2 Claims. (Cl. 157—1.)



1. A rim tool including a lever provided at its forward end with a cam head, links pivotally connected with the forward end portion of the lever in the rear of the head, and rim gripping elements carried by said links and engageable with the ends of a split rim to support said lever in a position having said cam head disposed to act against and press one of said rim ends out of register with the other end of the rim whereby the lever may be rocked for breaking the rim.

1,572,299. **CENTRIFUGAL SEPARATOR.** FRED W. MCENTIRE, Salt Lake City, Utah. Filed June 18, 1923. Serial No. 646,170. 5 Claims. (Cl. 233—7.)



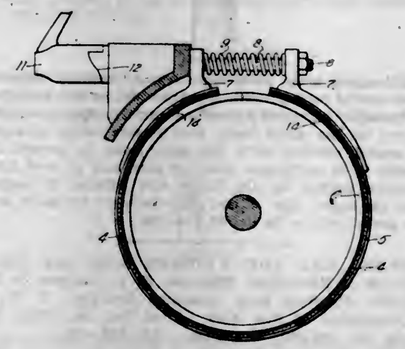
1. In a separator of the character described, a basket, a basket frame rotatably mounted therein, means for rotating the basket and the basket frame at slightly different speeds and means for feeding material to be separated into the basket whereby the heavier particles are forced into the space between the basket and the basket frame, the latter frame consisting of a plurality of upright members presenting streamlined inner faces so as to present a minimum resistance to the flow of the material.

1,572,300. **HEATING DEVICE.** MARY R. MAX, Pittsburgh, Pa. Filed July 19, 1924. Serial No. 727,029. 1 Claim. (Cl. 219—19.)



A heating device for liquids used in enteroclysis and protoclysis which consists of an inner glass tube for receiving the liquid to be heated, a porcelain tube surrounding the said glass tube to protect the same, a ribbon conductor wound on the said porcelain tube, and an insulating cover about said coil of wire, and means for attaching the coil of wire to a source of electric current, a valve for feeding the liquid to be heated to the glass tube at the rate of from 40 to 60 drops per minute, the relation between the heating and conducting surfaces of the device being such that the temperature of the liquid passing through the apparatus at the rate set forth will not vary from the limits of 103° to 108° F.

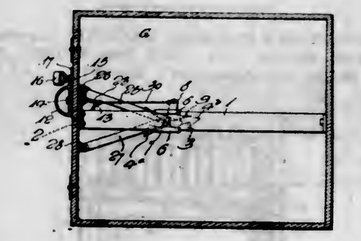
1,572,301. **LINING FOR TRANSMISSION AND BRAKE BANDS.** HARRY J. MEAD, Philadelphia, Pa. Filed Dec. 4, 1924. Serial No. 753,786. 8 Claims. (Cl. 188—259.)



5. A compound for treating the ends of transmission or brake bands composed of starch, gelatine and flake graphite in substantially the proportions described.

1,572,302. **MANUALLY-OPERATED MECHANISM FOR OPERATING AND SECURING SWINGING DOORS.** ANTHONY F. MIMONNE, Polonia, Wis. Filed June 5, 1924. Serial No. 718,124. 2 Claims. (Cl. 292—137.)

1. A mechanism of the character described comprising a suitably mounted track bar, lugs projecting therefrom, a carriage slidably mounted on said track bar, a latch pivotally mounted on said carriage, said latch comprising oppositely extending catch arms and a laterally projecting crank arm, draw-bars pivotally connected at their inner ends with said carriage and at their outer ends with a pair of doors, operatively connected handles disposed no opposite sides of one of said doors, and a latch releasing mechanism connected with one of said



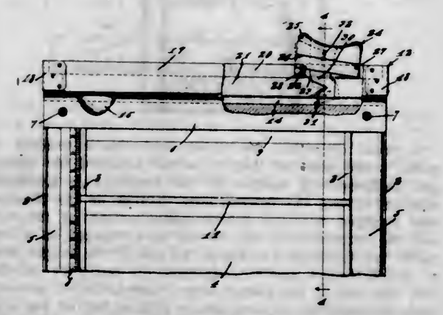
handles and with the crank arm of said latch, whereby the turning of said handle will actuate the latch for disengaging the catch arms thereof from the lugs on said track bar.

1,572,303. **METHOD OF FORMING INTERNAL KEYS ON TUBES.** WILLIAM H. MILLSPAUGH, Sandusky, Ohio, assignor to The Paper & Textile Machinery Co., Sandusky, Ohio, a Corporation of Ohio. Filed June 22, 1923. Serial No. 647,099. 3 Claims. (Cl. 29—156.)



1. A method of forming internal keys on tubes which consists in forming the tube with a longitudinal projection on its outer surface providing excess metal thereon, inserting a member in the tube having a longitudinal keyway disposed in alinement with the excess metal and pressing the metal of the tube into said keyway.

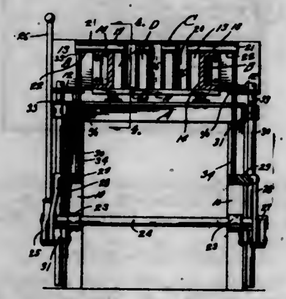
1,572,304. **OILCLOTH FIXTURE.** WILLIAM BUNTING MORTON, Beatrice, Nebr. Filed Nov. 24, 1922. Serial No. 603,042. 2 Claims. (Cl. 164—84.)



1. In a device of the class described, a cabinet provided in its top with a compartment for the reception of a roll of material, and including a member over which the material may be extended from the roll, a frame hinged to the cabinet and cooperating with said member to hold the material thereon, a carriage movable along

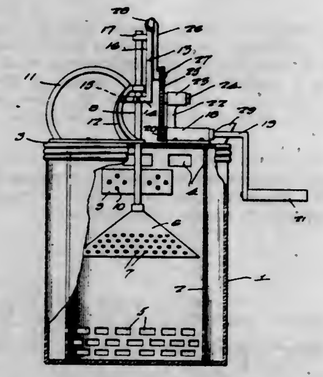
the frame, and a cutter movable on the carriage, said member having a groove which receives the cutter when the cutter is moved on the carriage and when the carriage is moved on the frame.

1,572,305. BLOCK-MOLDING MACHINE. ANDERS P. NELSON, Spencer, Iowa. Filed June 8, 1925. Serial No. 35,702. 11 Claims. (Cl. 25—41.)



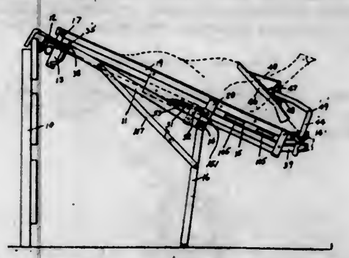
1. A block molding machine comprising a frame for supporting the pallet, a mold box supported on said pallet comprising side and end members, hollow cores resting on said pallet within said mold box, a hollow bar connecting said cores, the hollow space in said cores being in communication with the hollow space in said bar.

1,572,306. CHURN. FLORENCE NORTHCUTT, Caldwell, Kans. Filed Nov. 13, 1924. Serial No. 749,650. 1 Claim. (Cl. 259—61.)



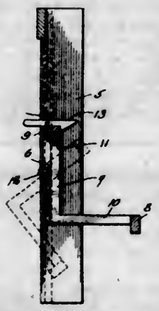
A churn operating mechanism including a bracket, a spiral track mounted thereon, a rod mounted for rotary and reciprocatory motion in the bracket, an L-shaped member having the intermediate portion of the shorter arm engaged with an intermediate portion of the rod and the extremity of the shorter arm engaged with the spiral track, means for fixing the end of the longer arm of the L-shaped member adjacent an extremity of the rod, said end of the longer arm of the L-shaped member being in the form of a socket, a pitman having one end in the form of a pawl receivable in the socket, a rotatably mounted wheel, means for rotating the wheel, and means for eccentrically connecting the pitman to the wheel, whereby the rotation of the wheel will cause a rotary and reciprocatory motion to be imparted to the rod through the intermediacy of the L-shaped member and its engagement with the spiral track.

1,572,307. DEVICE FOR HOLDING PIGS AND LIKE ANIMALS. WILLIAM D. NOTTINGHAM, Fowlerton, Ind. Filed Dec. 23, 1924. Serial No. 757,643. 3 Claims. (Cl. 119—103.)



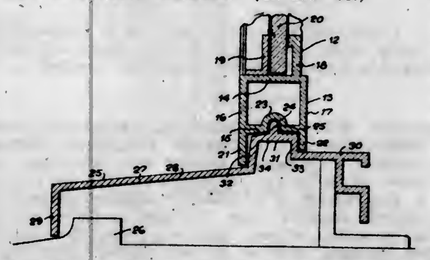
1. In an animal retainer of the character described the combination of a support, a pair of leg clamping members pivotally supported thereby, and a single means for moving simultaneously said leg clamping members into clamping relation with and adjacent the support.

1,572,308. GRATE. WILLIAM ARNOLD OWEN, Salisbury, N. C. Filed May 22, 1925. Serial No. 32,177. 1 Claim. (Cl. 126—164.)



A dumping grate including a frame, inwardly extended pins secured to the frame, a grate body portion including an inwardly extended supporting surface, fingers forming a part of the grate body, said fingers being arranged in spaced relation with the grate body to permit the fingers to be positioned over the pins, and pivoted latch members carried by the frame and adapted to engage over the upper edge of the grate body to normally hold the grate body in its active position.

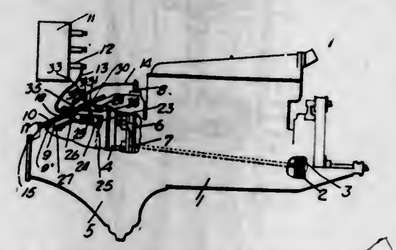
1,572,309. SILL FOR WINDOWS AND THE LIKE. JACOB A. RAPPAPORT, Brooklyn, N. Y., assignor to Reliance Fireproof Door Company, Brooklyn, N. Y., a Corporation of New York. Filed Oct. 26, 1922. Serial No. 596,990. 6 Claims. (Cl. 189—75.)



1. In a metal window frame, a sash rail having a pendant flange at each side projecting beyond the lower face of the rail and defining a channel, the bottom wall

of which is defined by said lower face, said lower face having a longitudinally extending groove intermediate its side edges.

1,572,310. OIL-SUPPLY-INDICATING DEVICE FOR AUTOMOBILE ENGINES. ALFRED CALIXTE RIOUX, Claresholm, Alberta, Canada. Filed Feb. 16, 1924. Serial No. 693,355. 1 Claim. (Cl. 123—146.5.)



In an automobile engine, the combination with the transmission casing having the usual opening set in an incline and a cover for such opening, of a pan adapted to receive the oil thrown up by the fly wheel and having an orifice in the bottom thereof through which such received oil is adapted to leak, and a counterweight lever secured to the pan forming with the pan generally an obtuse angle, a pivot mounting for the pan carried by the cover adjacent the apex of the aforesaid angle, an arc shaped rod pivotally mounted at its lower end to the pan bottom within the pan and extending outward freely through the cover and insulated therefrom, a contact finger carried by the outer end of the rod, and a stationary contact carried by the cover and insulated therefrom, such contact finger forming the terminals of an ignition circuit, such contacts being held in engagement by the weight of the oil within the pan and adapted to break contacts as the oil leaks out of the pan through the aforesaid orifice.

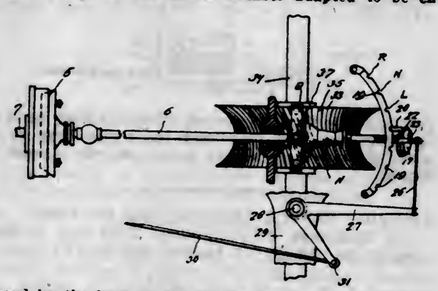
1,572,311. AUXILIARY AIR INLET. FREDERICK WILLIAM ROMERIL, Raymond, Alberta, Canada. Filed Oct. 22, 1921. Serial No. 509,588. 1 Claim. (Cl. 48—180.)



An auxiliary air inlet for internal combustion engines comprising a central orificed plate secured between the carburetor outlet flange and the lower intake manifold flange, an imperforate hollow conical member inserted into the orifice in the plate with its smaller end directed towards the intake manifold, said plate having an auxiliary air inlet extending transversely therethrough and opening into the central orifice intermediately of the length of the truncated conical member, said inlet disposed substantially tangentially to the central orifice.

1,572,312. TRANSMISSION. WILLIAM J. RYAN, Gary, Ind. Filed July 1, 1925. Serial No. 40,860. 3 Claims. (Cl. 74—36.)

1. A transmission mechanism of the class described including a driving shaft, a driving member, a universal joint between the driving shaft and the driving member, means for disposing the driving member at different angles to the driving shaft, lugs on the driving member, a driven member, lugs on the driven member adapted to be engaged by the lugs on the driving member, a housing extending from the driving member, a shifting member in the housing, and means for actuating the shifting member.

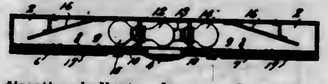


1,572,313. HOSIERY PROTECTOR. JOSEPH SARAR, St. Louis, Mo. Filed Nov. 28, 1924. Serial No. 752,558. 4 Claims. (Cl. 36—1.5.)



1. A hosiery protector comprising an ankle-embracing portion having an outer facing of soft leather material and the general form of a gaiter, said ankle-embracing portion being adapted to embrace the ankle of the wearer with its lower edge above the top of the shoe, and a celluloid strip depending from the said lower edge of the ankle-embracing portion and adapted to extend below the top of the shoe on the inside thereof.

1,572,314. DIRECTION INDICATOR. EMERY N. SARBER, Brighouse, Lulu Island, British Columbia, Canada. Filed Mar. 30, 1923. Serial No. 628,829. 3 Claims. (Cl. 177—329.)

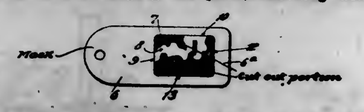


1. A direction indicator for a road vehicle, said indicator comprising a relatively elongated shallow casing the outer plate of which casing has a medial portion removed and has a glazed aperture on each side of the medial space, a plate removably closing the medial space, said plate having a glazed aperture with a wall surrounding it and extending backward to the back of the casing, incandescent lamps secured to the backwardly projecting wall of the medial plate and adapted to separately illumine each glazed aperture of the casing.

1,572,315. MASK SET FOR MULTIPLE EXPOSURES IN MOVING-PICTURE CAMERAS AND PROCESS OF MAKING THE SAME. EDWARD SCHOLL, New York, N. Y., assignor to D. W. Griffith, Incorporated, New York, N. Y., a Corporation of Maryland. Filed Feb. 21, 1923. Serial No. 620,462. 4 Claims. (Cl. 95—79.)

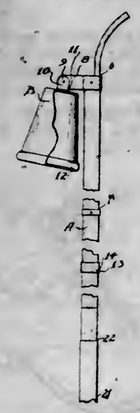
1. A process of making a plate of a mask set for multiple exposures in a moving picture camera which consists

in exposing a sensitised plate so that an image is thrown directly upon it in the place where the mask is to be used and then developing the plate, outlining with an



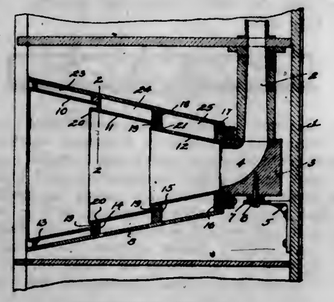
etching needle the form desired, protecting other parts of the plate and then permitting the etched lines to be eaten by an acid or similar means, whereby a mask is formed.

1,572,316. CANDLE LIGHTER AND SNUFFER. ANTON SCHROEDER, St. Paul, Minn. Filed Sept. 8, 1924. Serial No. 736,486. 2 Claims. (Cl. 67—6.)



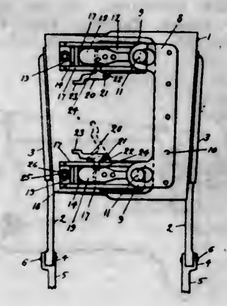
1. A combined candle lighter and snuffer, comprising a handle, a cup-shaped extinguishing member pivotally connected thereto, a tubular taper holder fixedly connected to the handle, a rod slidably mounted on the handle, and spring jaws connected to the rod to enter said tubular taper holder to be compressed thereby to grip a taper.

1,572,317. SOUND AMPLIFIER. CARL SCRABIC, Urbana, Ohio. Filed June 6, 1923. Serial No. 643,770. 2 Claims. (Cl. 181—27.)



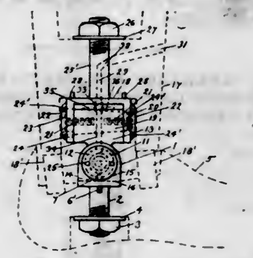
1. An amplifier for talking machines comprising a main amplifier, auxiliary amplifiers located therein and being of hollow frusto conical formation, rings interposed between the walls of the main amplifier and the auxiliary amplifiers, said rings having sound passages and resonant bridge pieces, the latter engaging the auxiliary amplifier to hold the same in spaced relation from each other and from the wall of the main amplifier.

1,572,318. MECHANICAL THIGH-CORSET-LOCKING DEVICE FOR ARTIFICIAL LIMBS. ALEXANDER D. SCULLY, New York, N. Y. Filed July 8, 1925. Serial No. 42,196. 4 Claims. (Cl. 3—2.)



1. In a mechanical thigh corset locking device for artificial limbs, the combination with a corset, a plurality of plates attached to one side of said corset, transverse slots in said plates, slidably mounted members on said plates, lugs on said members adapted to engage said slots, handles on said members for manually disengaging said lugs from said slots, hooks on said members, and eye clasps attached to the other side of said corset adapted to engage said hooks.

1,572,319. MECHANICAL ANKLE-MOVEMENT DEVICE for ARTIFICIAL LIMBS. ALEXANDER D. SCULLY, New York, N. Y. Filed July 8, 1925. Serial No. 42,197. 1 Claim. (Cl. 3—6.)

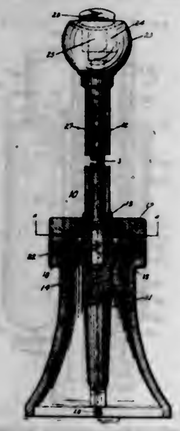


In a mechanical ankle movement device, the combination with a lower clevis, a threaded extension on said clevis adapted to be attached to an artificial foot, an upper clevis, a threaded extension on said upper clevis adapted to be attached to an artificial calf, a connecting block slidably fitted into said clevises, tapered pins forming pivoted connections between said clevises and said connecting block, means to prevent said clevises from rotation in said artificial foot and calf, and a plurality of resilient members wedged between said artificial foot and said calf.

1,572,320. LOCK FOR GEAR-SHIFT LEVERS AND THE LIKE. JOHN H. SHAW, New Haven, Conn., assignor to Sargent & Company, New Haven, Conn., a Corporation of Connecticut. Filed Dec. 1, 1919. Serial No. 341,618. 16 Claims. (Cl. 70—128.)

1. In combination with a gear shift lever, a bracket swingingly supporting the same, supporting trunnions

for said lever extending at right angles to each other, one pair of trunnions movable axially, and key operable



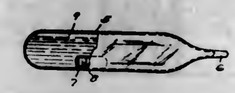
means for sliding said trunnions into locking engagement with said bracket to lock said lever.

1,572,321. DOLL'S HEAD. MABEL H. SLATER, New York, N. Y. Filed Apr. 12, 1924. Serial No. 706,116. 5 Claims. (Cl. 46—40.)



1. A doll's head, a hat, cap, or the like, positioned upon said head, and a flexible member within and secured to the hat and attaching the same loosely to the top of the head, whereby the hat may assume different positions on the head when the latter is tipped, while preventing the hat from becoming accidentally detached from the head.

1,572,322. METHOD OF AND MEANS FOR PREPARING MEDICINAL AND ANÆSTHETIC SOLUTIONS. ARTHUR E. SMITH, Pittsburg, Kans., assignor to Claude A. Smith, Pittsburg, Kans. Filed Dec. 16, 1922. Serial No. 607,391. 18 Claims. (Cl. 128—272.)



1. The herein described method of putting up the ingredients of an anæsthetic solution which consists of placing in a container liquid and non-liquid constituents, and separating them by a wall, fusible at a point materially below the fusion point of the material of the container.

1,572,323. MEDICINAL AND ANÆSTHETIC PACKAGE. ARTHUR E. SMITH, Pittsburg, Kans., assignor to Claude A. Smith, Pittsburg, Kans. Filed Dec. 16, 1922. Serial No. 607,392. 10 Claims. (Cl. 128—272.)



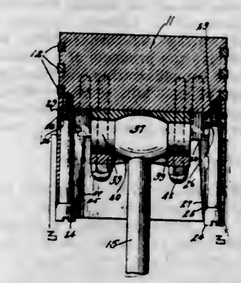
10. A sealed glass ampule comprising two compartments containing, respectively, two substances of which the mixture is unstable in composition, and a wall of material fusible at a temperature between 45 and 100 degrees centigrade, separating said compartments.

1,572,324. MEDICINAL AND ANÆSTHETIC PACKAGE. ARTHUR E. SMITH, Pittsburg, Kans., assignor to Claude A. Smith, Pittsburg, Kans. Filed Dec. 16, 1922. Serial No. 607,393. 4 Claims. (Cl. 128—272.)



1. A medicinal package comprising a container for two bodies of liquid and a fusible wall separating the two bodies of liquid which fusible wall is non-miscible with both of said bodies of liquid said wall being meltable at a temperature above normal but materially below the melting point of the material of the container.

1,572,325. PISTON. WILLIAM E. SMITH, Jackson, Miss. Filed Sept. 15, 1925. Serial No. 56,522. 7 Claims. (Cl. 74—108.)



1. A piston comprising a head, a pair of skirt sections detachably mounted on the head, means for locking said skirt sections together against vertical movement at their abutting edges, and a pair of expanding bolts adapted to extend through said skirt sections at the abutting edges thereof.

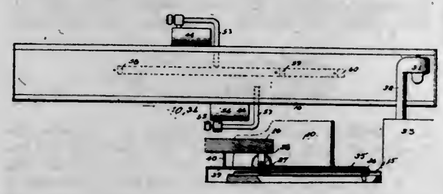
1,572,326. DRIER KILN. HALVER R. STRAIGHT, Adel, Iowa. Filed Feb. 7, 1924. Serial No. 691,198. 18 Claims. (Cl. 34—12.)



6. A drier comprising substantially a tunnel designed to receive plastic ware, the tunnel being provided with a series of upper and lower compartments, means for moving a current of air through the tunnel from one

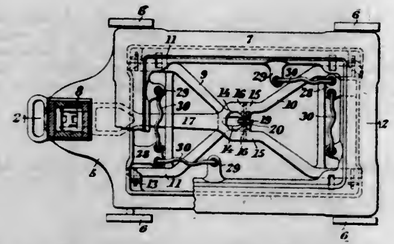
end to the other, the roof of each of the upper compartments being provided with a horizontal portion, and a portion being formed on a line of a curve which approaches parallelism to the line of travel of the ware as it nears the final air delivery end and which curved ceiling forces the air downwardly through the ware, the lower compartments being arranged in staggered relation with the upper compartments and provided with portions of its floor formed horizontally and a portion being formed on a line of a curve which approaches parallelism to the line of travel of the ware as it nears the final air delivery end, and which curved floor forces the air upwardly through the ware.

1,572,327. CONTINUOUS KILN. HALVER R. STRAIGHT, Adel, Iowa. Filed Mar. 17, 1924. Serial No. 699,754. 18 Claims. (Cl. 25—142.)



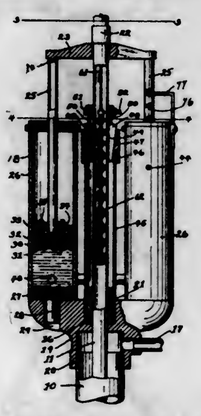
1. In a continuous kiln comprising a tunnel designed to receive a series of movable ware bearing cars, means for sealing the space between the cars and the walls of said tunnel so as to divide the tunnel into an upper and lower compartment at the floor line of the car, means for sealing the intake end of said kiln of both upper and lower compartments, means for sealing the outlet end of said lower compartment, a furnace between its ends, means for communicating the furnace with said upper compartment to receive the products of combustion therefrom, and means for communicating the furnace with the lower compartment of said kiln so as to supply the air for the initial combustion, and means for mechanically circulating air through the last conducting means.

1,572,328. PLATFORM SCALE. WILLIAM H. TAYLOR, St. Johnsbury, Vt., assignor to E. & T. Fairbanks and Company, St. Johnsbury, Vt., a Corporation of Vermont. Filed June 11, 1924. Serial No. 719,232. 5 Claims. (Cl. 265—71.)



1. In a scale, in combination, a base frame, scale levers suspended from said frame at spaced parts thereof extending toward each other, and each having spaced walls, a center connection for said levers, said center connection including pivotal bearings supported at opposite ends in said spaced walls and a connecting link having an opening therein and a passageway leading thereto, said link having bearing plates cooperating with said pivotal bearings, and a plate adapted to span said passageway and interlock with said link to lock it in position.

1,572,329. PUMPING APPARATUS. JAMES W. TAYLOR, San Antonio, Tex. Filed Mar. 16, 1925. Serial No. 15,756. 11 Claims. (Cl. 103—233.)



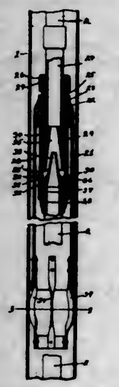
1. In oil well apparatus, a casing, a flow line vertically shiftable within the casing, means operated by vertical shifting of the flow line for successively placing spaced points within the flow line in communication with the casing, the casing being in communication with a source of fluid pressure, a means for vertically shifting the flow line, said means consisting of a cross member mounted on said flow line above said casing, piston rods depending from said cross member, pistons carried by the lower ends of said rods, spaced cylinders disposed on opposite sides of said flow line and in which said pistons are mounted for reciprocation, and means operating to apply or remove fluid pressure to and from the pistons in said cylinders to raise and lower said flow line.

1,572,330. PUMPING APPARATUS. JAMES W. TAYLOR, San Antonio, Tex. Filed Mar. 16, 1925. Serial No. 15,758. 5 Claims. (Cl. 166—3.)



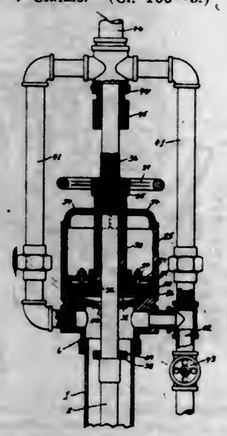
1. A flowing hood for oil wells comprising a casing open at its lower end and closed adjacent to the upper end thereof, a coupling connection between said casing and an associated flow line, and a double acting valve mounted in said coupling and situated to govern the flow of a fluid from the closed portion of said hood into said flow line.

1,572,331. PUMPING APPARATUS. JAMES W. TAYLOR, San Antonio, Tex. Filed Mar. 16, 1925. Serial No. 15,760. 6 Claims. (Cl. 166—3.)



1. In oil well pumping apparatus, a casing, a flow line in said casing, a gas collecting hood around the flow line, said hood including a passage between the upper portion thereof and said flow line, and a vertically adjustable valve for governing fluid flow through said passage.

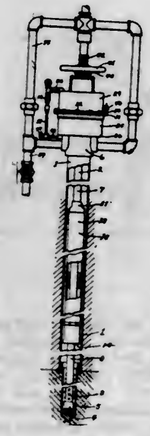
1,572,332. PUMPING APPARATUS. JAMES W. TAYLOR, San Antonio, Tex. Filed Mar. 16, 1925. Serial No. 15,761. 7 Claims. (Cl. 166—3.)



1. In oil well pumping apparatus, a casing, a flow line in said casing, a hood surrounding said flow line open at its lower end and normally closed at its upper end, a valve mechanism establishing communication between the closed portion of said hood and said flow line, and means operated automatically by natural gas pressure stored within said casing for effecting the operation of said valve mechanism.

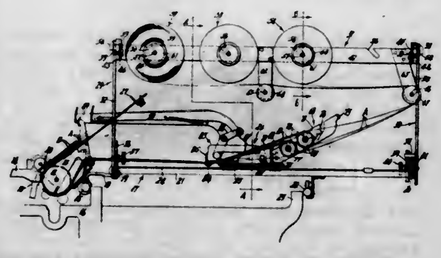
1,572,333. PUMPING APPARATUS. JAMES W. TAYLOR, San Antonio, Tex. Filed Mar. 16, 1925. Serial No. 15,762. 7 Claims. (Cl. 166—3.)

1. In an oil well apparatus, a casing, a flow line vertically shiftable within said casing, a normally closed head provided on the upper end of said casing and including a cylinder surrounding said flow line, a piston within said cylinder connected with said flow line, a valve structure in said flow line and capable of being opened and lowered by a movement of the flow line to establish communication between the casing and said



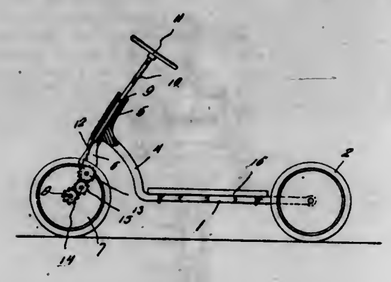
flow line, and means for confining gas in the upper end of said casing and permitting the application of the same to one or both sides of said piston to govern the raising and lowering of the flow line and the operating positions of the valve structure therein.

1,572,334. TYPEWRITING MACHINE. MAX R. URBAN, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 28, 1923. Serial No. 677,363. 22 Claims. (Cl. 197—126.)



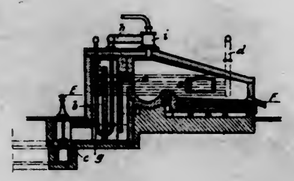
1. In a continuous billing typewriting machine, a traveling carriage, a revolvible platen journaled therein, a rear carriage extension, a carbon-carrier on the carriage extension movable with the carriage and also reciprocable toward and from the platen, a plurality of work-web-supplying rolls mounted on the carriage extension above the carbon-carrier and over said carriage extension, means for guiding the work-webs from the web rolls to the rear beyond the rear limit of the carbon-carrier's travel, a clamp on the carbon-carrier for drawing the work-webs from the rolls to create a slack between the rear guiding means and the carbon-carrier to prevent interference with the line-feeding of the work due to the inertia of the web-supplying rolls, and means on the carriage extension to prevent the fouling of the web slack thus created.

1,572,335. TOY VEHICLE. FREEMAN VAN VALKENBURG, Kingston, N. Y. Filed Feb. 5, 1925. Serial No. 7,963. 1 Claim. (Cl. 208—37.)



A toy vehicle of the class described comprising a base upon which the operator is adapted to be supported, a frame upon which said base is mounted, a plurality of wheels for supporting said frame, one of said wheels being located at the forward end of the frame, and functioning as a combined drive and steering wheel, a fork, the arms of which straddle said combined drive and steering wheel, a tube on the forward end of the frame, a bushing rotatably mounted in the tube and connected with the fork, said bushing having a polygonal bore, a reciprocable rod of polygonal cross section slidable through the bushing, a wheel at one end of the rod, the other end of the rod being resilient and having ratchet teeth, gearing engageable by said ratchet teeth and operatively associated with the combined drive and steering wheels.

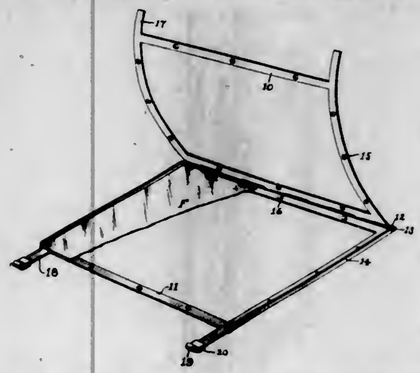
1,572,336. SMELTING OR HEATING FURNACE WITH FIRING OF COAL DUST. ELICH VOOT and LUDWIG KIRCHHOF, Bergisch-Gladbach, Germany. Filed Mar. 26, 1925. Serial No. 18,566. 1 Claim. (Cl. 263—17.)



A smelting or heating furnace embodying two furnaces contiguously disposed and constructed to serve alternately as the main hearth and the preheating hearth with means for conducting the hot gases alternately in opposite directions, each oven having a dust-combustion chamber and a recuperator for the preliminary heating of the secondary air and the heating gases of the one oven acting for preliminary heating air through the recuperator of said oven.

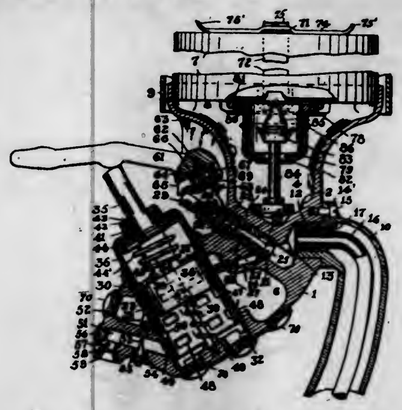
1,572,337. FILM HOLDER. JOSEF THEODORE WACHTER, West Hoboken, N. J. Filed Feb. 21, 1925. Serial No. 10,965. 8 Claims. (Cl. 95—100.)

1. A film holder comprising a pair of frame members, means for pivotally connecting said frame members and means to hold said frame members in clamped engagement with a film, one of said frame members being provided with spaced projections and the other with similarly spaced recesses adapted to be brought into co-operating alignment to produce slight distortions at



spaced intervals along said film adjacent to the side edges thereof when said frame members are clamped together.

1,572,338. LIQUID DISPENSER. LORENZO E. WAITE, Toledo, Ohio, assignor to The Toledo Milling Machine Company, Toledo, Ohio, a Corporation of Delaware. Filed July 28, 1924. Serial No. 728,618. 15 Claims. (Cl. 226—26.)



1. In a liquid-dispensing machine, a hollow fluid-containing casing, a mixing chamber therein, a measuring chamber having an inlet from the hollow of the casing and an outlet to the mixing chamber, a valve for causing the inlet to be open or closed when the outlet is closed or open, respectively, means for forcing fluid from the measuring chamber into the mixing chamber, means for conveying a second fluid to the mixing chamber, and means for operating the forcing means and for initially operating the valve to close the inlet and open the outlet.

11. In a liquid-dispensing machine, a fluid supply chamber, a mixing chamber adapted to receive fluid from the supply chamber, an outlet passage from the mixing chamber, a passage for a second fluid, opening into the mixing chamber, and a tapered pin arranged in the mixing chamber and in alinement with the outlet of the second passage.

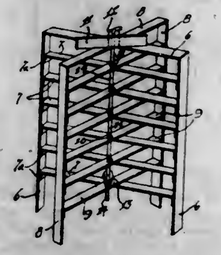
12. In a liquid-dispensing machine, separate elements controlling the travel of two liquids, a device actuating one of the elements, a second device actuating simultaneously both of the elements, and means whereby the second device is released from one of the said elements when the second device has moved a certain distance.

1,572,339. TRUCK FOR TRAMWAY VEHICLES. EDWARD YATES WALSH and EDWARD ANCHOR WALSH, Eccles, England. Filed Feb. 12, 1924. Serial No. 692,385. 1 Claim. (Cl. 105—214.)



In a truck for tramway vehicles the combination with the side frames A and rocking cantilever B of channel form, of cups b springs C C' fitted therein between the chords F affixed to the underside of the vehicle body, springs at both sides of the axle boxes interposed between the body of the vehicle and the frame A and springs below the frame A at both sides of axle boxes interposed between it and straps passed round the axle boxes.

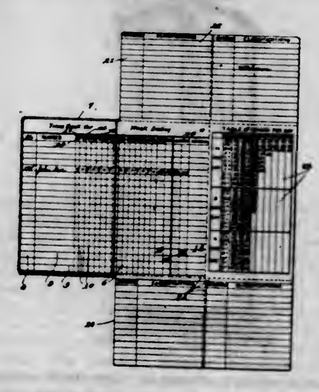
1,572,340. BRAKE-LINING RACK. ERNEST WARREN, Peoria, Ill. Filed Feb. 24, 1925. Serial No. 11,290. 2 Claims. (Cl. 211—14.)



1. A rack comprising a plurality of vertically disposed frame members, shelves carried by certain of said frame members, other shelves pivotally secured to the first named shelves, the pivots of the shelves being in a common axial line, and a removable rod carried by certain of said frame members and certain of said shelves, said rod being parallel to said axial pivotal line and being spaced therefrom.

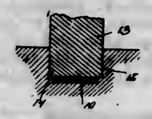
1,572,341. TIME BOOK. ARTHUR LYMAN WILLCOX, Savannah, Ga. Filed May 4, 1923. Serial No. 636,688. 1 Claim. (Cl. 283—66.)

A time book provided with a plurality of account sheets, the adjacent surfaces of each pair of sheets being ruled to conjointly provide a series of vertical columns including a number column, a name column, a series of double daily entry columns, a total time column, a wage rate column, a total wage or amount column, each of said double daily entry columns being subdivided to provide two rows of vertical spaces, the spaces of one of said rows being adapted for the reception of symbol indicia representative of particular kinds of work and the spaces of the remaining row being adapted for the reception of indicia indicating hours of labor performed, one of said sheets being made larger than the remaining sheets so as to project at its free marginal edges beyond the corresponding marginal edges of the remaining sheets, parts of the projecting portions of said larger sheet being ruled to provide a plurality of symbol columns adapted to contain an index of symbols to be entered on the account sheets and a plurality of classification columns each located alongside one of said symbol columns and adapted to contain an index of the entry information represented by said symbols, other parts of the projecting portions of said larger sheet being provided with



a plurality of wage rate tables covering varying periods of time, said larger sheet being foldable along lines coinciding with the free marginal edges of the remaining sheets whereby said larger sheet may be conveniently reduced to the size of said remaining sheets for concealment between the covers of the book.

1,572,342. METHOD FOR MAKING PIPE FILTERS. CHARLES E. WILTSEY, East Orange, N. J. Filed Mar. 22, 1921. Serial No. 454,354. 1 Claim. (Cl. 131—12.)



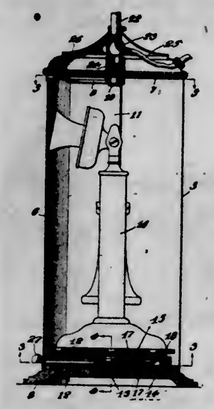
A method of making a filter or screen for smokers' pipe consisting of rolling a quantity of fibrous fire proof material into oval formation, whereby the strands will be interwoven to provide a homogeneous mass, then placing the same within a mould and subjecting the material to end pressure to force the ends of the strands into the mass and provide a disk having a substantially smooth surface.

1,572,343. DIE-ROLLED BLANK AND METHOD AND APPARATUS FOR MAKING THE SAME. WILLIAM P. WITHEROW, Pittsburgh, Pa., assignor to Witherow Steel Company, a Corporation of Pennsylvania. Filed Jan. 5, 1922. Serial No. 527,202. 11 Claims. (Cl. 80—60.)



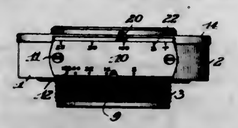
11. The method of forming metal articles, comprising passing a leader between die rolls adapted to form a string of connected blanks, forming accurately spaced portions along the string adapted for reworking, permitting excess metal to flow sidewise in a substantially unrestricted manner to form flash integral with the blanks, separating the blanks and trimming the flash, and thereafter reworking at least certain portions of the blanks.

1,572,344. FIXTURE STAND. EDWIN C. WOLFF, Philadelphia, Pa. Filed July 29, 1924. Serial No. 728,823. 7 Claims. (Cl. 211—7.)



1. A fixture stand including an open-ended casing having an entrance opening; a plate closing the upper end of the casing; a plate closing the lower end of the casing; arms pivoted on the plates; doors mounted on the arms and adapted to swing into position to close the opening; a guide secured to the lower plate; a platform slidable on to the guide; extensions on the arms, and lugs on the platform adapted to be engaged by the extensions to cause the platform to move outwardly when the doors are swung into open position.

1,572,345. PHOTOGRAPHIC SHUTTER. ANDREW WOLLENSAK, Rochester, N. Y., assignor to Wollensak Optical Company, Rochester, N. Y., a Corporation of New York. Original application filed July 29, 1920, Serial No. 399,939. Divided and this application filed Mar. 28, 1924. Serial No. 702,678. 3 Claims. (Cl. 95—63.)



1. A photographic shutter comprising shutter blades, blade operating mechanism, controlling means for the blade operating mechanism to obtain different speeds, said controlling means having an index, an iris diaphragm adjustable to obtain different openings and having an index, and two separate indicating means arranged in proximity to each other on the top edge of the shutter casing, one of said indicating means cooperating with the index of the blade controlling means and the other of such indicating means cooperating with the index of the diaphragm.

1,572,346. DRAWING BOARD. JOHN O. ADSIT, New York, N. Y. Filed Aug. 12, 1924. Serial No. 731,652. 3 Claims. (Cl. 45—131.)



1. Connecting means for a drawing board and a mount therefor, said drawing board having a socket recessed in an edge thereof, said connecting means comprising a hinge composed of pivotal parts, one of said parts being rigidly secured to said mount and the other part seating in said socket and adapted for removable engagement therewith.

1,572,347. HOOK. JOSEPH BECK, Two Harbors, Minn. Filed July 17, 1925. Serial No. 44,224. 2 Claims. (Cl. 24—237.)



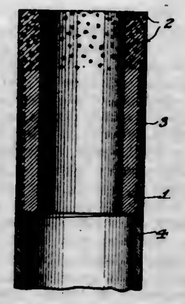
1. The combination with a sister hook for the terminal of a line, said hook having an elongated hub portion parallel with the axis of the hook and spaced therefrom, and means within said hub portion for permanently engaging the line.

1,572,348. METHOD OF ORNAMENTATION. JOHN J. CAROW, Washington, D. C. Filed May 29, 1923. Serial No. 642,205. 1 Claim. (Cl. 41—22.)



The method of forming a mosaic consisting in coating a body with a pattern color medium, applying another closely fitting body thereto and separating the two to cause a configuration of the color medium, then separating the body into segments, applying different ground colors to respective segments, then assembling the segments in their original relation to form a continuous surface.

1,572,349. ROTARY-CORE DRILL BIT. JOHN R. CHAMBERLIN, Bronxville, N. Y. Filed June 19, 1922. Serial No. 569,356. 2 Claims. (Cl. 255—72.)



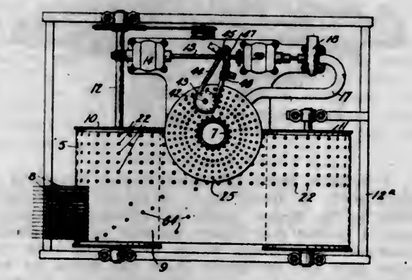
1. A rotary core drill bit comprising an aluminum tube and cutting crystals incorporated only in one end thereof.

1,572,350. REPEATING GUN FOR SHOOTING ELASTIC BANDS. FRED C. ECKER, Topeka, Kans. Filed Oct. 30, 1925. Serial No. 65,801. 5 Claims. (Cl. 124—14.)



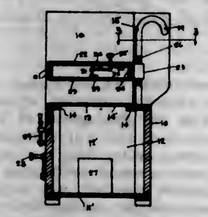
1. In a repeating gun for shooting elastic bands, a gun comprising a grip and a barrel, a spurred disc rotatably mounted near the grip of said gun, elastic bands engaging on the spurs of said disc and the muzzle of the gun, a spring engaging on the spurs of said disc functioning as a resistance for said elastic bands and to create a report on the stock of said gun simultaneous with the discharge of said bands.

1,572,351. AUTOMATIC FEEDING APPARATUS FOR SEWING MACHINES. LOUIS J. ELSAS, Atlanta, Ga. Filed Jan. 27, 1923. Serial No. 615,244. 7 Claims. (Cl. 112—86.)



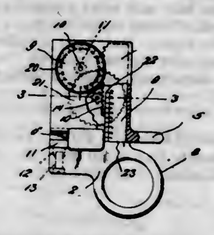
1. In feeding apparatus for sewing machines, a conveyor belt for carrying material through the stitching position, said belt containing perforations, suction nozzles cooperating with the perforations in the belt to hold the material in engagement therewith, means for relatively shifting the position of the material on the belt, and means for governing the suction to the nozzles during the relative shifting movement.

1,572,352. PAPER-SEASONING MACHINE. HARRY EDWARD EWALT, Chicago, Ill. Filed Feb. 9, 1925. Serial No. 8,072. 24 Claims. (Cl. 34—26.)



1. A device of the class described including a member through which a high frequency current is adapted to pass, said member being adapted to support a stack of paper, a second member in spaced relation with said first member, and means for inducing the current passing through said first member to traverse the space between said members.

1,572,353. WIRE GAUGE. ALFRED L. GODWIN and PAUL ANDERSON, Ellwood City, Pa. Filed Mar. 25, 1924. Serial No. 701,763. 1 Claim. (Cl. 33—147.)

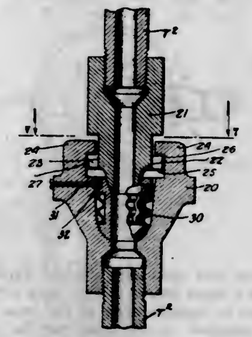


A wire gauge of the class described comprising a relatively stationary casing comprising a body provided in one face with a recess, one end of which opens through the bottom of the body, said bottom embodying a portion which is fashioned to form a stationary jaw, a handle forming extension carried by the lower portion of the body, a removable cover plate for said recess, a relatively movable member comprising a rack bar extending through the opening in the bottom of the body and into the recess, said movable member being provided with a jaw disposed at right angles to said rack bar and arranged opposite and cooperating with the first named jaw and being further provided with a ring like handle opposed to said first named handle, said rack bar being provided with graduations concealed in said casing when the jaws are closed, a graduated dial mounted for rotation upon the exterior of the body, and cooperating gearing arranged in said recess and coacting with said rack bar and dial for moving the dial when the rack bar is operated.

1,572,354. RUSTPROOFING BATH FOR IRON AND STEEL. JAMES H. GRAVELL, Elkins Park, Pa. Filed May 9, 1922, Serial No. 559,590. Renewed Nov. 3, 1925. 2 Claims. (Cl. 148—6.)

1. A bath for rust proofing comprising water, free phosphoric acid and mono-sodium phosphate which combining with pickling and foreign acids opposes the formation of a sludge.

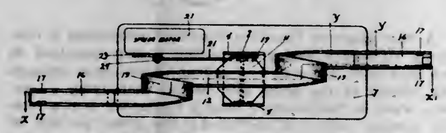
1,572,355. COUPLING DEVICE. WALTHER H. GROTE, Brooklyn, N. Y., assignor to C. Kenyon Company, Inc., Brooklyn, N. Y., a Corporation of New York. Filed Apr. 2, 1925. Serial No. 20,043. 3 Claims. (Cl. 285—175.)



1. In a coupling device, the subcombination of an outer nipple, a seating member located within said outer nipple, means adapted to movably connect said seating member to said nipple so as to permit a limited movement of said seating member, resilient means connected

to said seating member and adapted to restrain the movement thereof from a predetermined position, an inner nipple adapted to enter said seating member, said seating member and said inner nipple having corresponding surfaces, said outer nipple having a projecting portion adapted to engage said inner nipple with respect to said seating member forced inwardly into said seating member when said inner nipple is turned.

1,572,356. MECHANICAL TOY. LESTER S. GUNDERMAN, Pittsburgh, Pa. Filed Mar. 25, 1925. Serial No. 18,111. 8 Claims. (Cl. 104—55.)

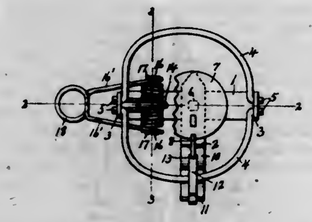


4. A toy comprising a base, a pair of uprights mounted on the said base, a tilting track pivotally mounted therebeneath on the said uprights, a pair of loops each spaced equal distance from the said pivot support, means for positively tilting the track to alternately elevate the ends and an object adapted to travel on the track by gravity, the ends of the said track being so arranged that the object will be elevated from a lower level to a higher level, to gravitate to the opposite end of the track.

1,572,357. ALLOY. RODERICK L. JOHNSTON, Plainfield, N. J., assignor to Aluminum Die-Casting Corporation, a Corporation of New Jersey. Filed Dec. 26, 1922. Serial No. 609,102. 7 Claims. (Cl. 75—1.)

1. An aluminum base alloy containing about 5% to about 10% of tin, a substantial amount of silicon, and the balance aluminum.

1,572,358. ANIMAL TRAP. JEREMIAH O'NEIL, Oneida, N. Y., assignor, by mesne assignments, to Animal Trap Company of America, Lititz, Pa., a Corporation of Pennsylvania. Filed Dec. 10, 1923. Serial No. 679,752. 3 Claims. (Cl. 43—88.)

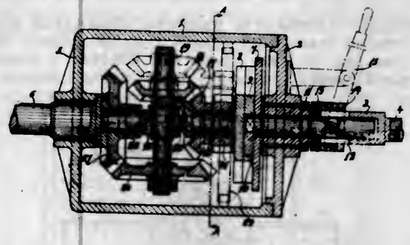


1. An animal trap comprising a frame having a lengthwise bar and a cross bar, a pair of jaws pivoted to the lengthwise bar at opposite sides of the cross bar, releasable means mounted on the cross bar for holding the jaws open, coaxial spring coils having adjacent ends engaged with the length-wise frame bar between the cross bar and one end of the jaws and extended beyond opposite sides of the lengthwise bar, the outer ends of said coils being extended across the outer edges of one end of the jaws in outwardly converging lines.

1,572,359. METHOD OF CANE-SUGAR PRODUCTION. HOWARD S. PAINE, Chevy Chase, Md., CHARLES F. WALTON, Jr., Washington, D. C., and VICTOR BIRCKNER, Oxon Hill, Md., dedicated, by mesne assignments, to the Citizens of the United States of America. Filed Feb. 8, 1924. Serial No. 691,468. 2 Claims. (Cl. 127—35.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)

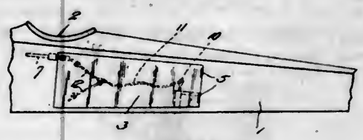
1. The process of recovering sucrose from molasses, which consists of the removal of the invert sugar contained in the molasses, by selective fermentation, the precipitation of the residual sucrose as saccharate, the decomposition of the saccharate to obtain sucrose in solution, filtration of the sucrose solution and the subsequent crystallization of sucrose.

1,572,360. VARIABLE POWER-TRANSMISSION GEAR BETWEEN ROTARY SHAFTS. ERNFRID JULIUS PETERSSON, Stockholm, Sweden. Filed Sept. 15, 1924. Serial No. 737,921. 8 Claims. (Cl. 74—53.)



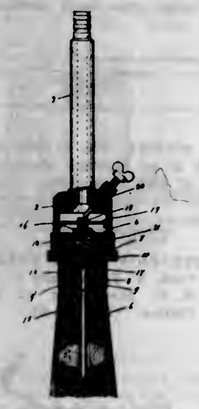
1. A variable power transmission gear comprising a driving shaft, a driven shaft, a spindle eccentrically carried by the former, means for adjusting the eccentricity, a beveled gear loosely mounted on the spindle, beveled-gear transmission means cooperating with the beveled gear and the driven shaft and driven by the spindle, and means for causing the beveled gear to rotate upon the spindle at a speed directly proportional to the eccentricity of the latter.

1,572,361. AEROPLANE BRAKE. RUDOLPH J. PICK, Jr., Chicago, Ill. Filed May 26, 1925. Serial No. 32,998. 2 Claims. (Cl. 244—29.)



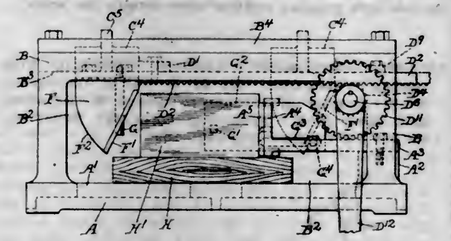
1. A brake mechanism for aeroplanes comprising a pair of drag fins hingedly supported at their rear ends on opposite sides of the fuselage of an aeroplane, the fuselage being provided with cut out portions in the sides for the reception of the drag fins when the latter are in a closed position, means for holding the drag fins in a closed inoperative position, said means comprising a pair of keepers arranged on the inner sides of the respective drag fins adjacent the forward free ends thereof, a curved spring wire latch member, the free ends thereof adapted to extend into the keepers, said latch member adapted to be moved forwardly whereby the free ends thereof are disengaged from the keeper to permit the outward swinging movement of the drag fins to an operative position, and means for limiting the outward swinging movement of the drag fins.

1,572,362. BRUSH. ALFIO RAPISARDI, Boston, Mass. Filed Feb. 6, 1924. Serial No. 690,978. 8 Claims. (Cl. 15—128.)



1. In a fountain brush, the combination of a hollow head, a handle extending from one end of said head, a valve block supported in said head, a brush body independent of said block but having one end thereof abutting against said block, said body and block having flanges overlying the outer end of said head, and a collar arranged to clamp the flanges of said body and block against the end of said head, said block having a passage therethrough for conducting liquid from said head into said brush body.

1,572,363. ICE-CREAM CUTTER. HUGO REICHEL and WILLIAM L. NIES, Chicago, Ill. Filed Apr. 5, 1922. Serial No. 549,788. 17 Claims. (Cl. 107—21.)

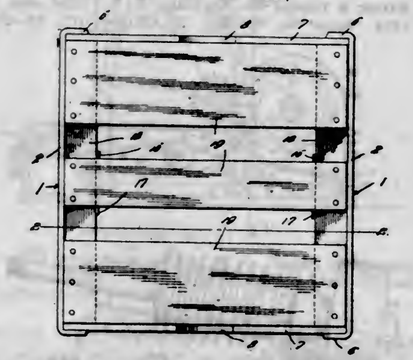


2. A machine for cutting masses of plastic material, comprising a material-supporting base, a material-engaging element aligned along one side thereof, a plurality of cutting elements and means for drawing them across said base and into said material-engaging element, said element being recessed to a depth sufficient to admit the entire length of said cutting elements, a terminal stop adapted to engage the material to be cut and means for withdrawing it in unison with the cutting excursion of the cutting elements.

12. A machine for cutting masses of plastic material, comprising a supporting base, a stop along one side thereof, a stop across the end thereof, a plurality of cutting elements adapted to be drawn across said base, and means for withdrawing said end stop in response to the movement of said cutting elements, the bottoms of said stops being spaced substantially above the supporting base.

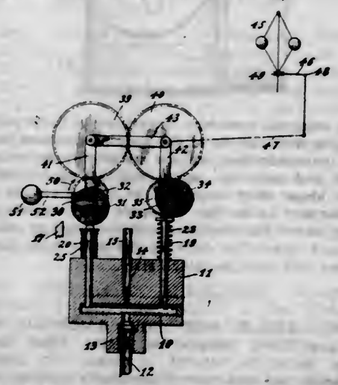
17. An ice cream cutting machine comprising a fixed supporting base, a supporting element adapted to be positioned thereupon, a cream engaging stop along one side of said supporting base, a plurality of downwardly projecting, spaced blades positioned above the fixed supporting base and adapted to clear the movable supporting base, and means for drawing them in unison through the ice cream, the stop being slotted to permit their passage therethrough, the height of the stop above the fixed base being sufficient to permit the movable base to be inserted therebeneath.

1,572,364. NAILING FRAME. ERNEST M. ROSE, Dulce, N. Mex., assignor of one-half to Charles H. McCormick, Dulce, N. Mex. Filed Mar. 11, 1924. Serial No. 698,483. 2 Claims. (Cl. 144—288.)



1. A nailing frame for crates, including a pair of angle members formed with vertical walls, and integral angle walls extending therefrom, each of said walls being formed with laterally extending flanges arranged in spaced parallel relation, side members having the end portions inserted between the spaced flanges of said angle member and secured thereto, for holding said angle members in spaced parallel relation, a central spacing bar secured to the angle wall of said angle member, and a plurality of spacing members removably and adjustably mounted on the angular walls of said angle member adapted for positioning end pieces in spaced relation on said frame, said angle members being adapted to receive corner posts of substantially triangular cross section for positioning corresponding faces thereof in position to receive end pieces to be nailed thereto.

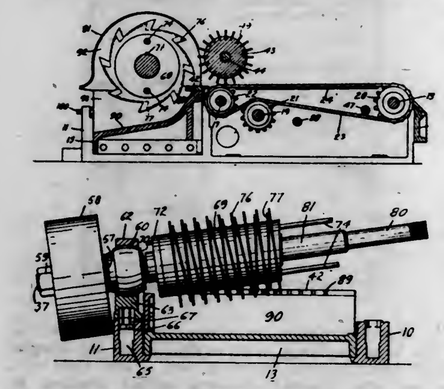
1,572,365. INTERNAL-COMBUSTION ENGINE. MAX ROTTER, Milwaukee, Wis., assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo., a Corporation of Missouri. Filed Jan. 18, 1921. Serial No. 438,116. 5 Claims. (Cl. 123—140.)



1. The combination with a combustion engine, of a fuel pump mechanism comprising a plurality of plungers, an epicyclic gearing interconnecting the plungers and

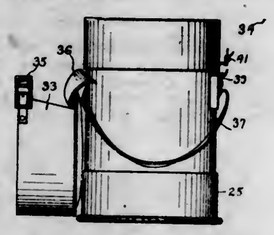
having an element tending to move toward a position in which the plungers work in opposition, and means to normally hold said element in a position in which the plungers work other than in opposition, whereby the pump delivery is reduced upon the occurrence of an accident releasing said element from the effect of said means.

1,572,366. MATERIAL-SHREDDING MACHINE. GEORGE D. RYTHER, Carthage, N. Y., assignor to Ryther & Pringle Co., Carthage, N. Y. Filed Sept. 2, 1924. Serial No. 735,820. 16 Claims. (Cl. 92—20.)



1. In a material shredding machine, a rotatable saw arbor, a plurality of circular saws mounted on said arbor, bearings rotatably supporting each end of said saw arbor, means for changing the angular position of the axis of said arbor about one of said bearings for disassembly of said saws, and means for feeding the material to be shredded into said saws.

1,572,367. SHIPPING CONTAINER. ALLEN C. SCOTT, Omaha, Nebr. Filed May 8, 1925. Serial No. 28,785. 2 Claims. (Cl. 150—52.)



1. A shipping container comprising a body portion, a cap fitting over the top of the body portion and including a heat nonconducting cushion adapted to be compressed against and into the upper end of the container, a flexible hinge strip connected at opposite ends to the container and to the cap, a flexible skirt depending from the cap about the container and overlapping said hinge strip, and means for drawing the skirt taut about the container and over the hinge strip.

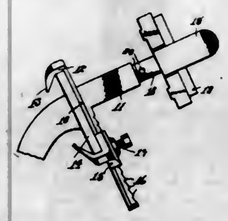
1,572,368. ANGLE BAR FOR RAILROAD RAILS. THOMAS SEITZ, Morganville, Kans. Filed Sept. 29, 1924. Serial No. 740,653. 1 Claim. (Cl. 238—249.)

An angle bar structure comprising a pair of sections abutting in end to end relation so as to be disposed in alinement with each other and provided with flanges at the abutting ends, a bolt extending through said flanges, a spring on the bolt tending to urge said flanges toward each other so as to be normally disposed in abutting relation with each other, said sections being recessed



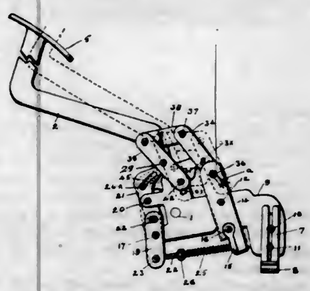
adjacent their abutting ends, a plate seated in said recesses adapted to be disposed alongside the web of a rail, the ends of said plate being notched for receiving bolts connecting the sections to the web of the rail.

1,572,369. EXTENSION PEDAL TREAD. DANIEL SINCLAIR, New York, N. Y., assignor to Jessie J. Sinclair, New York, N. Y. Filed Sept. 12, 1923. Serial No. 662,263. 3 Claims. (Cl. 74—81.)



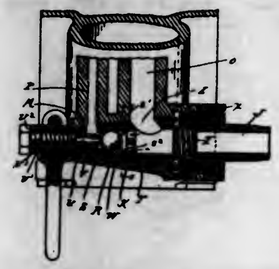
1. In a pedal attachment, the combination with a base having a tubular projection for the reception of the stem of a supplemental tread, of a stationary pedal tread engaging jaw, a movable jaw on the base, a clamping screw carried by the movable jaw, and means on the base for engagement by the screw for advancement of the jaw into gripping position upon turning the screw.

1,572,370. AUTOMATIC CLUTCH CONTROL FOR MOTOR VEHICLES. HENRY I. SMITH, Gainesville, N. Y., assignor of one-half to George W. Reynolds, Rock Glen, N. Y. Filed Aug. 25, 1924. Serial No. 733,980. 6 Claims. (Cl. 192—109.)



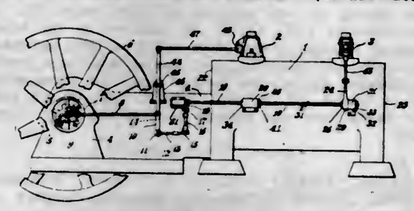
2. In a clutch control device, the combination of a swinging plate adapted to be fastened to and move with the clutch lever, a second swinging plate having a guide slot therein concentric with the pivot of the clutch lever, a third swinging plate having a cam slot therein, a stationary plate having a guide slot therein, bolts movable with said first named swinging plate and engaging in said slots, and means for causing a friction between the cam slot and the bolt moving therein to retard the movement of the first named plate.

1,572,371. COMBINED THROTTLE AND GOVERNOR FOR PNEUMATIC TOOLS. WILLIAM A. SMITH, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Filed July 25, 1921. Serial No. 487,375. 15 Claims. (Cl. 121—7.)



1. The combination with a percussive and a rotary motor, of a throttle valve for supplying fluid to each of said motors, and an automatic governing valve for the rotary motor within said throttle valve.

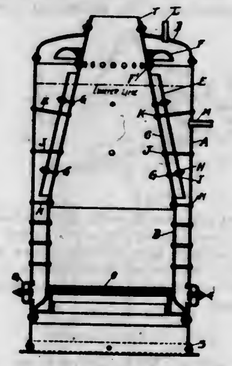
1,572,372. STEAM-ENGINE-VALVE GEAR. EVERETT W. SWARTWOUT, White Plains, N. Y. Filed Sept. 25, 1920. Serial No. 412,745. 5 Claims. (Cl. 121—165.)



1. The combination with an engine provided with a cylinder, a plurality of inlet valves for said cylinder, a frame, a crank-shaft carried by said frame and a governor mounted on said crank-shaft, one of said valves being disposed adjacent said frame and the other of said valves disposed remotely from said frame, of oscillating means operated by said governor, means directly connecting said oscillating means with said one valve, an arm for oscillating said other valve and separate connecting means connecting said oscillating means with said arm, said other valve, and means for mounting said separate connecting means on said cylinder and for operatively connecting said arm relative to said separate connecting means for maintaining the angular operation of said separate connecting means relative to said arm independently of the variations of the length of the cylinder due to variations of temperature and the consequent variation of displacement of said one inlet valve relative to said other inlet valve.

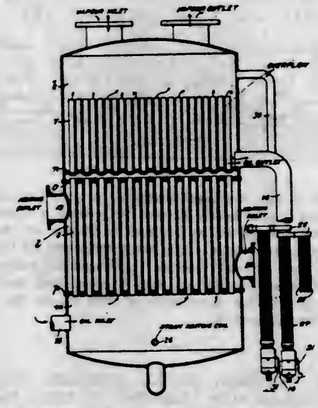
1,572,373. VERTICAL STEAM BOILER AND WATER HEATER. HENRY E. WALLIS, Chicago, Ill., assignor of one-third to A. G. Bush, Davenport, Iowa. Filed July 16, 1921. Serial No. 485,150. 4 Claims. (Cl. 122—159.)

1. A steam boiler comprising a cylindrical outer shell, an inner shell having a cylindrical lower section with a conical upper section secured thereto and extending some distance above the normal water line, an annular dome plate having its inner edge secured to the upper end of the conical section and its outer edge secured to the upper end of the outer shell, and a conical skirt sheet secured to and around the conical inner shell at a uniform distance therefrom and open at its top and bottom, with its upper end terminating above the normal



water line and below the top of the conical section and its lower end of a diameter exceeding that of said cylindrical lower section.

1,572,374. HEAT-EXCHANGE DEVICE. HUGH LOGIE ALLAN, Ayr, Scotland. Filed Dec. 15, 1919. Serial No. 344,791. 3 Claims. (Cl. 196—138.)



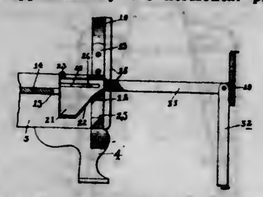
1. A heat exchange device for fractionating hydrocarbons comprising a vessel having partitions spaced apart to provide three superposed compartments, the upper partition consisting of two tube plates situated relatively closely together, a hydrocarbon inlet to the lowermost compartment, a series of tubes connecting said lowermost compartment to the space between the tube plates, a second series of tubes extending partially into the uppermost compartment from the said space, a liquid outlet near the bottom of said uppermost compartment, a vapour outlet in the top of the uppermost compartment and means for circulating a heating-medium around the first-mentioned series of tubes

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1,572,375. ARTICLE OF FURNITURE. ALBERT W. ALLEMEIER, Toledo, Ohio, assignor to The Woodcraft Company, Toledo, Ohio, a Corporation of Ohio. Filed May 2, 1925. Serial No. 27,388. 6 Claims. (Cl. 5—21.)

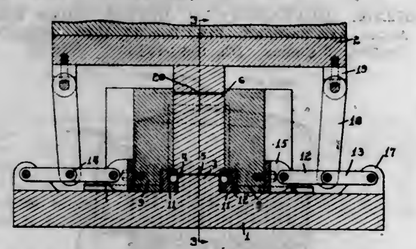
1. An article of furniture having a base portion provided with a guideway, a supporting surface above said guideway, a supplemental support slidable on said guide-

way, said guideway having slots, cam elements on said support depending into said slots whereby when said support is moved outwardly on said guideway the cam elements engage one end of the slots and elevate said support to approximately the horizontal plane of said



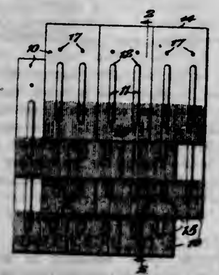
surface in spaced relation thereto, and means for engaging said support for holding one side thereof in position, the connection between said holding means and support permitting relative movement therebetween whereby said support may be moved into close juxtaposition to said supporting surface.

1,572,376. SHEET-METAL-WORKING MACHINE. JEREMIAH BINGHAM, Toledo, Ohio, assignor to The American-National Company, Toledo, Ohio, a Corporation of Ohio. Filed May 6, 1925. Serial No. 28,294. 3 Claims. (Cl. 153—49.)



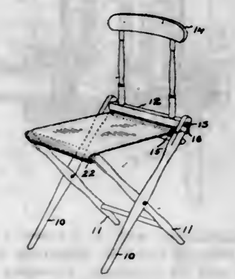
1. In a metal working machine, a pair of clamping blocks, said blocks being shaped to receive a sheet metal strip therebetween with the end portions of the strip bent to form an obtuse angle with the body of the strip, means on one of said blocks and movable transversely of said strip for curling an edge thereof, and mechanism actuated by relative movement of said blocks for operating said curling means.

1,572,377. ENAMEL METAL SHINGLE. FRANK M. BLAIR, Newark, Ohio. Filed Mar. 20, 1925. Serial No. 17,067. 5 Claims. (Cl. 108—17.)



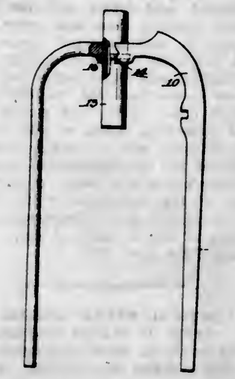
1. A roof composed of a series of shingles, each with two longitudinal ribs and with a right angular downturned base flange extending below the body of the shingle and having therein two notches, one of said notches receiving the rib of a shingle to the right and the other notch receiving the rib of a shingle to the left, said shingle to the right and said shingle to the left being held in contact with one another by said engagement.

1,572,378. CHAIR SEAT. EDWARD T. BREEN, New Haven, Conn. Filed Feb. 2, 1925. Serial No. 6,312. 3 Claims. (Cl. 155—147.)



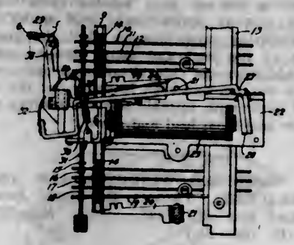
1. In a folding chair, a frame having sides and having a front rung, a seat frame having a front part removably engaged with the rung and having sides formed with eyes at their rear ends, a rod extended through the eyes and having its end portions extended rearwardly at approximately right angles and disposed on the inner faces of the chair frame sides and then being extended outwardly and upwardly, and formed with eyes which are disposed on the outer faces of said chair frame sides, and a second rod extended through each of the said last named eyes and through each of the chair frame sides.

1,572,379. FLIER. HJALMAR G. CARLSON, Worcester, Mass., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass., a Corporation of Massachusetts. Filed July 25, 1924. Serial No. 728,273. 1 Claim. (Cl. 118—57.)



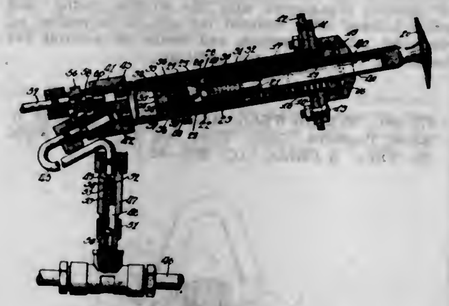
As an article of manufacture, a flier having its crown provided with a perforation all the way through it, a hollow cylindrical bearing member extending through said perforation and having an integral ring around it, said ring being embedded in the metal of the crown and firmly and accurately anchored therein.

1,572,380. TELEPHONE SWITCH. EDGAR H. CLARK, Richmond Hill, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 12, 1923. Serial No. 680,173. 4 Claims. (Cl. 179—27.5.)



1. In a switching mechanism, the combination of sets of disengaged contacts, a rotatable bar, an operating magnet for said bar, an armature responsive to the energization of said magnet for operating said bar, an arm fixedly attached to said bar, a lifting bar fixedly attached to said armature, a longitudinally movable member arranged in engageable relation with said arm and said lifting bar, and means cooperating with said longitudinally movable member for retaining said rotatable bar in operated position for holding said contacts in engagement when said magnet is deenergized.

1,572,381. AUXILIARY CHARGE-FORMING DEVICE FOR AUTOMOBILES. IRVING COWLES, Chicago, Ill. Filed Apr. 5, 1922. Serial No. 549,941. 18 Claims. (Cl. 123—180.)



1. In an auxiliary charge forming device of the character described, the combination of a pump, a suction line connecting said pump to a source of liquid fuel supply, means external to said pump for establishing the charge of fuel induced by the suction stroke of said pump at a predetermined measured amount, means for admitting air to the cylinder of said pump in the presence of the fuel, and a valve-controlled discharge line from said pump.

1,572,382. METALLIC ALLOY. ERNEST RAYMOND CROSBY, Cleveland, Ohio, assignor to Aluminum Manufacturers, Incorporated, Cleveland, Ohio, a Corporation of Delaware. Filed July 7, 1921. Serial No. 482,936. 6 Claims. (Cl. 75—1.)

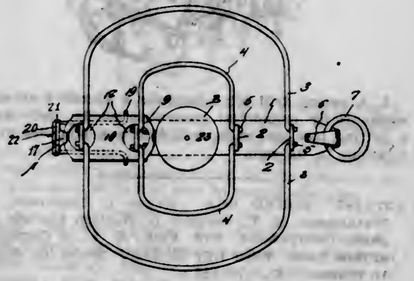
1. A metallic alloy containing aluminum in a preponderating amount, silicon from about 3% to about 8% tin and from an appreciable amount up to about 5%.

1,572,383. BALL CARRIER. FREDERICK ONSLOW BROOKE DENNYS, Lexham Gardens, London, England. Filed Nov. 7, 1924. Serial No. 748,340. 6 Claims. (Cl. 224—45.)



3. A ball carrier comprising in combination a perforated plate-like member and an endless elastic band disposed around said member.

1,572,384. GAME TRAP. SYLVESTER DUFRENE, Lockport, La., assignor of one-half to C. A. Buchler, Westwego, La. Filed Mar. 18, 1925. Serial No. 16,454. 2 Claims. (Cl. 43—88.)

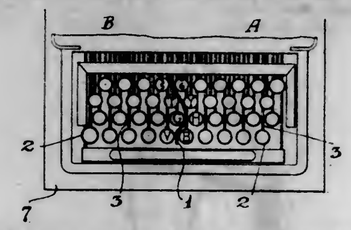


2. A trap of the class described including a base, a pair of lugs rising from the base, a pair of U-shaped jaws having their ends pivoted to the lugs, a plate having depending sides, said plate provided with an opening for receiving one of the lugs and sides of the jaws pivoted thereto, a spring normally urging said plate upwardly for closing the jaws, a bait trigger engageable with one end of the plate for holding it in a lowered position, an auxiliary trigger operatively connected with the plate so as to engage the other end of the plate when the plate is in a lowered position.

1,572,385. FINGER GUIDE FOR TYPEWRITERS. BENJAMIN F. ELLSWORTH, Brooklyn, N. Y. Filed Jan. 17, 1925. Serial No. 3,206. 4 Claims. (Cl. 197—101.)

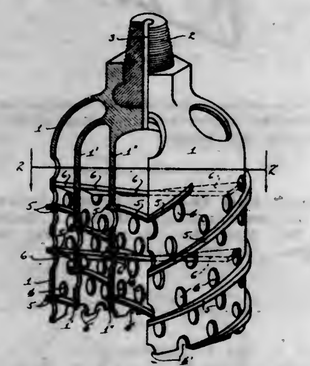
1. A finger guide for keyboard machines consisting of a single piece of rigid sheet material adapted to be inserted between the keys and key levers operated by the right hand and the keys and key levers operated by

the left hand, the upper edge of the guide being shaped to follow the downward slope of the keyboard at a suitable level above the keys, and the lower edge of the



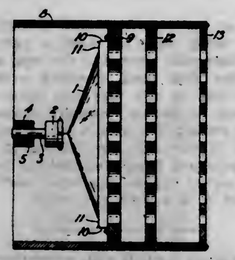
guide providing the sole vertical support for same when in use, by resting on any convenient stationary surface below the keyboard.

1,572,386. ROTARY DRILL BIT. LEROY G. GATES, Bakersfield, Calif. Filed July 16, 1923. Serial No. 651,758. 6 Claims. (Cl. 255—61.)



1. A rotary drill bit comprising a plurality of spaced substantially cylindrical concentric shells, each having a cutting face and each shell having a plurality of perforations in its wall.

1,572,387. SOUND BOX. HENRY C. HARRISON, Port Washington, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 20, 1923. Serial No. 652,748. 10 Claims. (Cl. 274—27.)

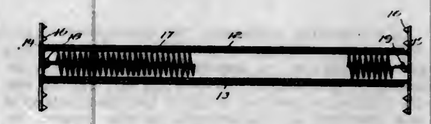


1. A large direct acting diaphragm, and a sound box therefor comprising a plurality of spaced apertured partitions across said sound box in the path of the sound waves from said diaphragm, said partitions and apertures therein being arranged to provide a gradual transformation of impedance from the diaphragm to the outside air.

1,572,388. RECOVERY OF LEAD AND SILVER FROM SULPHIDE ORES AND METALLURGICAL PRODUCTS. HARRY HEY, Melbourne, Victoria, Australia. Filed Jan. 20, 1921. Serial No. 438,775. 4 Claims. (Cl. 75—18.)

1. In the recovery of lead and silver from sulphide ores, subjecting the ore to a heating operation in the presence of gaseous hydrochloric acid under substantially non-oxidizing conditions to effect the preferential chloridizing of the lead and silver present while substantially inhibiting the chloridization of other sulphides contained in the ore, and then leaching out the chlorides of lead and silver with suitable solvents leaving a residue substantially free from lead and silver.

1,572,389. COMBINED WINDOW-SHADE AND CURTAIN BRACKET. THOMAS F. HUNT, Jacksonville, Fla. Filed May 23, 1925. Serial No. 32,384. 1 Claim. (Cl. 156—24.)



A device of the class described comprising a shade bracket, means for detachably supporting the same on the facing strip of a window casing comprising a pair of telescopic outer and inner tubular members, plates providing closures for the outer ends of said tubular members, inwardly disposed teeth on the inner ends of each plate adapted for clamping engagement with the sides of the window casing, a hook struck out from the intermediate portion of each plate and disposed within the ends of the respective tubular members, a coil spring within the tubular members and having the ends thereof attached to the respective hooks for holding the teeth in clamped engagement with the window casing, said shade bracket being adapted for slidable movement on the outer tubular members, and means for securing the bracket in various adjusted positions.

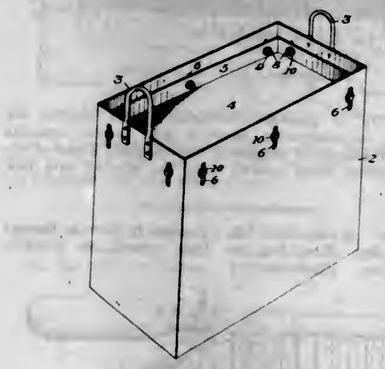
1,572,390. SPRING-WELL-CASING HOOK. LESTER H. KEIM, Pasadena, Calif. Filed Feb. 18, 1925. Serial No. 9,971. 6 Claims. (Cl. 294—82.)



1. A well casing hook comprising a hook member, a body, a spring mounting the hook member on the body, a rotary bearing between the hook member and spring,

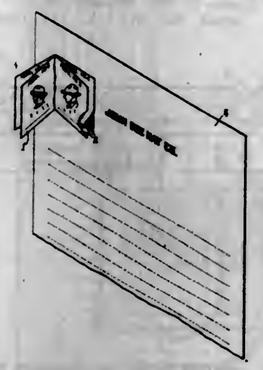
and releasable means for locking the hook member from rotation relative to the body without confining the rectilinear movement of said hook member.

1,572,391. CONTAINER FOR TESTING COAL AND METHOD OF TESTING. WALTER J. KLAISER, Chicago, Ill., assignor to The Koppers Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Sept. 12, 1923. Serial No. 662,229. 6 Claims. (Cl. 73—51.)



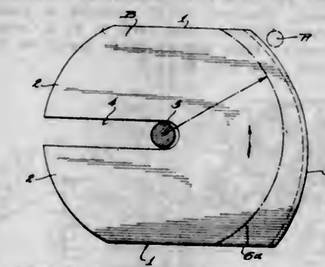
1. In a method of testing coal or similar material, the steps consisting in embedding a relatively small quantity of said coal in the mass of coal in a coking chamber of a coke oven, and converting said embedded coal into coke along with the surrounding coal while protecting it against contamination by but subjecting it to the pressure of at least a portion of the latter, substantially as described.

1,572,392. BOOK STAMP. MATHIAS G. KOSHEMAN, Toledo, Ohio, assignor to The Roberts Printing Company, Toledo, Ohio, a Corporation of Ohio. Filed May 15, 1925. Serial No. 30,481. 2 Claims. (Cl. 283—56.)



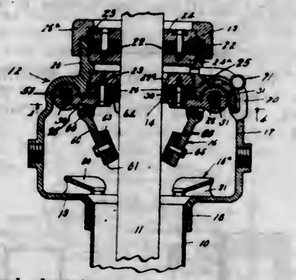
1. A book stamp of relatively small proportions consisting of a plurality of leaves attached together, and means on one of said leaves for adhesively attaching said books to a letter, said leaves having suitable inscription and indicia thereon for advertising any desired commodity.

1,572,393. CUT-OFF KNIFE FOR CIGARETTE MACHINES. EWALD KOEBNER, Dresden, Germany, assignor to United Cigarette Machine Co., Inc., Lynchburg, Va., a Corporation of Virginia. Filed Aug. 26, 1925. Serial No. 52,537. 2 Claims. (Cl. 131—37.)



1. A cut-off knife for cigarette machines and similar purposes, comprising a thin metal blade having an eccentric cutting edge, and also having a slot extending from approximately the normal center of the blade to an edge substantially opposite the cutting edge.

1,572,394. CASING HEAD. NICOLAY PETER KREBS, Brea, Calif. Filed Apr. 24, 1923. Serial No. 634,259. 18 Claims. (Cl. 166—15.)



1. A head adapted to be mounted on a casing having a drill pipe in it including a frame adapted to be mounted on the casing, packing means carried by the frame to engage the pipe, a tapered seat in the frame around the pipe, and auxiliary packing carried by the frame to be operable to position in the seat to engage the pipe.

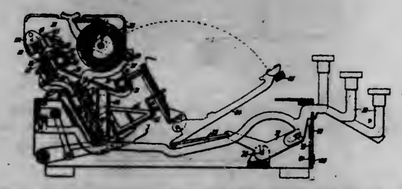
1,572,395. HEATING UNIT. FRANK KUHN and JAY A. HAND, Detroit, Mich., assignors to American Electrical Heater Company, Detroit, Mich., a Corporation of Michigan. Filed June 15, 1918. Serial No. 240,150. 3 Claims. (Cl. 219—34.)



3. An electric heating unit comprising an insulating core, a resistor wound upon said core, a metallic support for said core passing through the same, a mounting en-

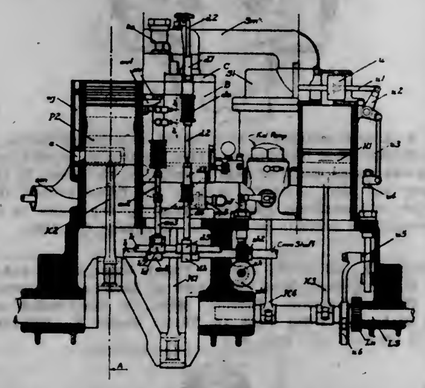
gaged by one end of said support, the other end thereof being electrically connected to the corresponding end of said resistor.

1,572,396. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed May 22, 1924. Serial No. 715,026. 26 Claims. (Cl. 197—63.)



1. In a typewriting machine, the combination with a rack-bar, of a pair of marginal stops, each comprising a slide shaped from a single piece of sheet metal to engage on three sides of the bar, the fourth side flaring outwardly presenting a wedge-shaped pocket adjacent one edge of the bar, an inreaching detent on the opposite side, and a transverse abutment on the lower side, said abutments extending equally below the bar and in opposite directions from the center thereof, and a spring in each pocket normally maintaining the detents in the tooth spaces of said rack-bar.

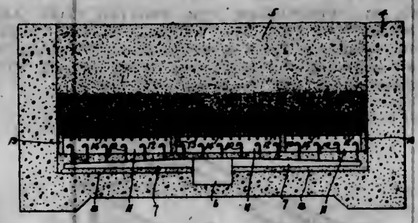
1,572,397. INTERNAL-COMBUSTION ENGINE. PAUL ANDREW LAWRENCE, Grand Island, Nebr. Filed Mar. 29, 1921. Serial No. 456,702. 11 Claims. (Cl. 123—33.)



1. In an internal combustion engine comprising a cylinder, a piston, an air chamber forming a clearance for the air compressed by the piston, a valve to control the flow of air between the cylinder and air chamber, and a combustion port forming a passage for the air between the cylinder and air chamber; the combination of a pump comprising means for pumping fuel from an ordinary source of supply and air from the said air chamber; a valve for receiving said fuel and air and injecting said mixture into the combustion port; and means for opening said air chamber valve during the said injection period.

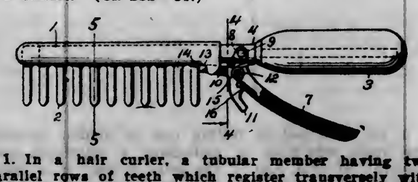
1,572,398. FILTERING APPARATUS. FREDERICK B. LEOPOLD, Pittsburgh, Pa. Filed May 12, 1924. Serial No. 712,625. 8 Claims. (210—130.)

1. The combination with a filter bed, of a water distribution system therefor comprising a main conduit beneath said bed, lateral conduits leading from said main conduit, and a chamber disposed above each of said lateral conduits and having openings communicating with the bottom of the filter bed, the lateral conduits being of decreasing area from said main conduit and provided with



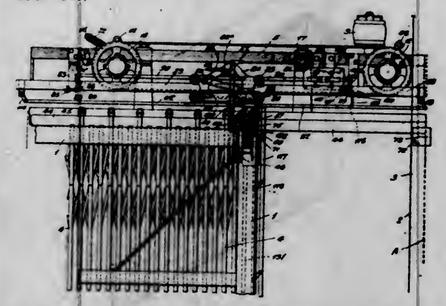
a plurality of passages throughout their lengths for effecting communication between said lateral conduits and their associated chambers, the combined areas of the said openings being greater than the area of said passages.

1,572,399. HAIR CURLER. JOSEPH R. LEWIS, Kansas City, Mo. Filed Aug. 25, 1924. Serial No. 733,888. 4 Claims. (Cl. 132—31.)



1. In a hair curler, a tubular member having two parallel rows of teeth which register transversely with each other, a handle member having a shank adapted for insertion into said tubular member and provided with a row of teeth between and parallel with said two rows of teeth, the handle member having a handle mounted on said shank, a lever pivoted to said shank, and means connecting said lever with said tubular member by which the latter may be moved on said shank to bring the teeth of the shank into and out of register with said teeth of said two rows.

1,572,400. ELEVATOR. NILS O. LINDSTROM, Nutley, and CARL F. E. OLOFSON, West Orange, N. J., assignors to Alonzo B. See, Brooklyn, N. Y. Filed Jan. 10, 1923. Serial No. 611,782. 48 Claims. (Cl. 187—52.)



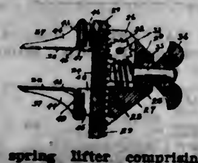
9. A door operating device for elevators and the like comprising a pair of pulleys spaced apart in the direction of travel of the door to be operated, a cable running between and guided by the pulleys, power actuated means for causing linear movement of the cable, a track, a carriage running on the track and mechanically connected to the door to operate the same, a connection between the carriage and the cable whereby as the point of connection between the cable and carriage travels in the stretch between the pulleys, the carriage and door may be rapidly driven therefrom, and as the point of connection reaches and passes around with one of the pulleys, the carriage and door will be stopped without impact, and a limit device for rendering the power actuated means ineffective to drive the cable shortly before the travel of the door is completed.

1,572,401. GAME APPARATUS. PATRICK J. MCGRATH, Brooklyn, N. Y. Filed May 13, 1924. Serial No. 712,929. 3 Claims. (Cl. 273—101.)



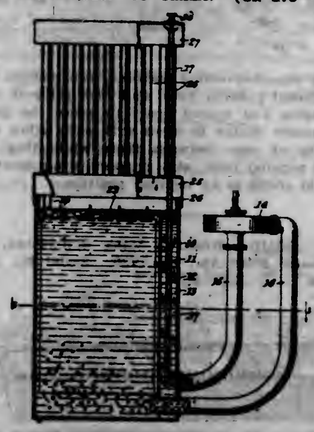
1. A game apparatus embodying a ring throwing lever, and a pin on said lever movable therewith and adapted to intercept the ring when thrown.

1,572,402. VALVE LIFTER. ALBERT L. MATHWIG, South Sioux City, Nebr. Filed May 28, 1923. Serial No. 641,857. 8 Claims. (Cl. 29—963.)



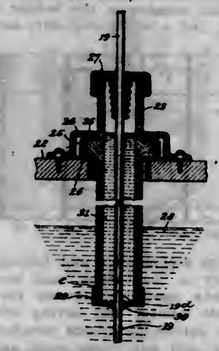
1. A valve spring lifter comprising two members slidably mounted relative to each other, socket members on the respective slidably mounted members, lateral supporting members removably mounted in the sockets, and operating means for moving the said slidably mounted members relative to each other.

1,572,403. ELECTROLYTIC APPARATUS AND METHOD OF OPERATING THE SAME. RALPH D. MERSHON, New York, N. Y. Filed Sept. 18, 1919. Serial No. 324,518. 18 Claims. (Cl. 175—315.)



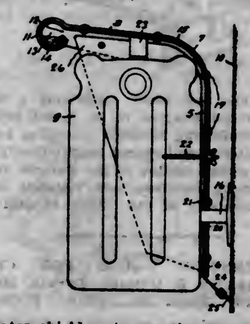
2. The method of operating electrolytic apparatus of the kind described, having an electrolyte and electrodes immersed therein, comprising permitting heat liberated by internal electrical losses to accumulate and thereby cause boiling of the electrolyte whereby active movement of the latter is produced.

1,572,404. PROTECTING CONDENSER PARTS AGAINST CORROSION. RALPH D. MERSHON, New York, N. Y. Filed Sept. 27, 1921. Serial No. 503,630. 9 Claims. (Cl. 175—315.)



1. In an electrolytic apparatus of the kind described, the combination with a tank, an electrolyte therein, and filmed anodes immersed in the electrolyte and electrically connected in groups, of a porcelain tube extending through a wall of the tank into the electrolyte, a submerged closure composed of filming metal cast on the inner end of the tube to hermetically seal the same against the electrolyte, and a lead of filming metal, connected to one of the groups of anodes and extending through said submerged closure into the tube for connection with an external circuit, and integral with the said closure

1,572,405. RADIATOR SHIELD. JOHN M. MORAN, Seattle, Wash. Filed Dec. 4, 1924. Serial No. 753,770. 1 Claim. (Cl. 237—79.)

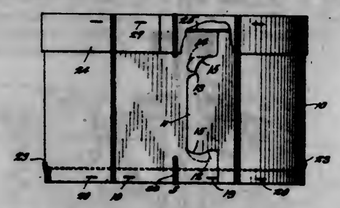


In a radiator shield, a top portion arranged to extend over the top of a radiator, a back portion arranged to extend downwardly behind a radiator, said back portion being formed of an upper section and a lower detachable section arranged to overlap said upper section and having notches affording passageways through which radiator supports may extend and a flexible wall engaging deflector member extending outwardly and downwardly from the bottom edge of said lower detachable section.

1,572,406. COLLAPSIBLE FOLDING BOX. EDWARD K. MORRIS, Baltimore, Md. Filed Feb. 18, 1925. Serial No. 8,864. 2 Claims. (Cl. 229—16.)

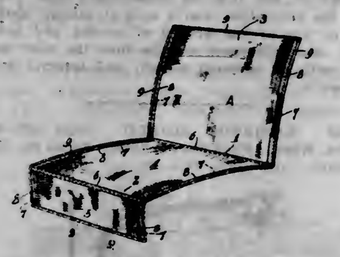
1. In a box of the class described, a body including a side member of bendable material having a main portion of rectangular shape and provided with a tongue projecting from one end, said tongue having a hook shaped tab at its lower end and a small tongue at its upper end, the remaining end of the side member being provided with slits to receive the tab and small tongue, a

bottom fitting closely within said side member when set up and resting below the hook shaped tab, said bottom having a rectangular strip at one side defined from the main portion of the bottom by a fold line and secured to the side member at the bottom edge of the slit provided end, and a reinforcing strip secured to the



side member at its bottom edge and forming a rest for the free periphery of the bottom, said bottom further having spaced tabs insertable between the reinforcing strip and the side member and having other tabs upturned from the bottom, said side member having U-shaped slits near said reinforcing strip and positioned to receive the last mentioned tabs.

1,572,407. SEAT COVER. EDWIN B. NATHAN, Yonkers, N. Y. Filed Nov. 15, 1923. Serial No. 674,816. 7 Claims. (Cl. 155—182.)



1. A collapsible seat cover comprising a single strip of flexible material adapted to be folded into sections, and resilient reinforcing members extending longitudinally over said material and spaced longitudinally from each other so as to permit folding of the material transversely of said reinforcing members said material being yieldably stiff transversely of the length of said strip.

1,572,408. TENSION GAUGE FOR CHECKROW WIRES. JERMIAH D. O'BRIEN, Darwin, Minn. Filed June 4, 1925. Serial No. 34,919. 4 Claims. (Cl. 111—49.)



1. A tension regulator and gauge for check row wires comprising a frame adapted to be anchored in the ground, a pivotally mounted counterbalance carried by said frame, and means for exerting an endwise thrust upon said counterbalance for actuating it, said means being adapted for connection with the check row wire.

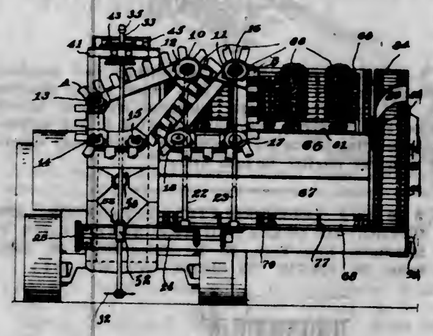
1,572,409. SMOKING FIGURE. FRANK OLDHAM, Dallas, Tex. Filed Jan. 17, 1924. Serial No. 686,718. 1 Claim. (Cl. 46—40.)

In a smoking figure, the combination with a figure having a socket in its mouth for receiving a smoking medium, of a housing embedded in the figure, a bulb suspended in the housing, a pair of conductors leading from the bulb to the mouth of the figure, one of said conductors being connected with the socket, check valves in the



conductors, a lever pivoted in the housing and having one end in engagement with the bulb, the figure having a slot through which the other end of the lever extends, an operating member on the outer end of the lever, and a spring in the housing connected with the lever.

1,572,410. CANE HARVESTER. JOHN A. PAINE, Richmond, Va. Filed June 11, 1919. Serial No. 303,328. 30 Claims. (Cl. 56—17.)



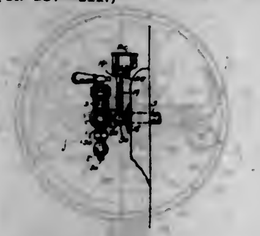
26. In a cane harvesting machine, two endless chains having adjacent parallel runs, and cane grippers carried by said chains and spaced apart to cause the grippers on the opposite chains to mesh with each other and to grasp stalks of cane between them while they travel along said parallel runs, said grippers being constructed to hold said stalks in an inclined position.

1,572,411. COMB. BERNARD MARX SCHWEIZER, Nashville, Tenn. Filed Apr. 15, 1925. Serial No. 23,346. 3 Claims. (Cl. 132—11.)



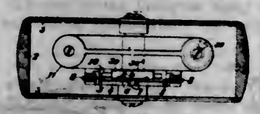
1. A comb of the class described having a back provided with a chamber communicating with the space between the teeth, and a removable member in said chamber to normally close it and reinforce the back.

1,572,412. ATTACHMENT FOR SINK FAUCETS. ORVIS W. VALLIER, Watertown, N. Y., assignor to J. B. Wise Incorporated, Watertown, N. Y., a Corporation of New York. Filed Feb. 12, 1925. Serial No. 8,783. 3 Claims. (Cl. 137—111.)



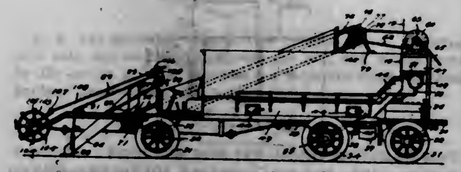
1. The combination of a casing, hot and cold water supply pipes, valve means regulating the flow through said pipes, a handle for operating said valve means, and a soap holder mounted on the rear side of the casing and extending above the handle in back thereof.

1,572,413. DIRECTION INDICATOR FOR MOTOR VEHICLES. WILHELM VOGT, Melide, Switzerland. Filed Jan. 6, 1925. Serial No. 981. 6 Claims. (Cl. 116—30.)



1. A direction indicator for motor vehicles, comprising a casing, two rotary transparent circular signal discs within this casing, an illuminating device between said signal discs, a shifting toothed member connected to the latter, a movable catch pawl arranged to catch said shifting member, means to release said pawl from the shifting member, one single automatically reciprocatable control member to which said catch pawl is connected and which, as well as the shifting member and the catch pawl, are located between the signal discs, means to retain the latter in their position, actuating means to automatically produce a reciprocating movement of said control member, and driver's operating means on the outside of said casing to control said actuating means.

1,572,414. SNOW SCOOPING AND MELTING APPARATUS. HARRY R. WILBERT, Harrisburg, Pa. Filed Mar. 17, 1925. Serial No. 16,219. 4 Claims. (Cl. 37—12.)



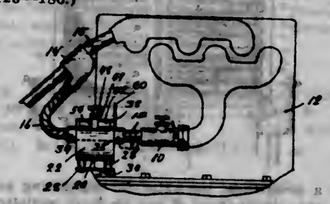
1. In a snow scooping and melting apparatus, a truck having a tank thereon, a housing extending through the front end of the tank and supported in an inclined position in said tank, a conveyer mounted for operation through the housing, means for heating the tank, and means for operating the conveyer for carrying snow to the tank.

1,572,415. GREASE CUP. JOHN L. WILLIAMS and FRANK L. WILLIAMS, Wakita, Okla. Filed Mar. 26, 1925. Serial No. 18,474. 2 Claims. (Cl. 184—45.)



1. In a device of the type described, a grease cup comprising a body formed at one end with an outlet and provided at its opposite end with a cap, a plunger within the body, a spring between the cap and plunger urging the plunger toward the outlet end of the body, the outlet of the body having a bore decreasing in size as it approaches the body, means supported from the plunger and extending into such bore to thereby vary the effective area of the bore in proportion to the force exerted by the spring, and means for introducing grease under pressure to the body between the plunger and outlet end of the body and providing a guide for the plunger, comprising a grease gun nipple carried by the cap, a tube supported from the nipple and communicating with the bore thereof and having its lower end arranged adjacent the outlet end of the body, said tube being directed through said plunger, the support for said member comprising a perforated tube surrounding the first named tube.

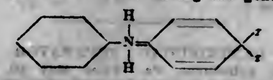
1,572,416. AIR HEATER FOR INTERNAL-COMBUSTION ENGINES. FRANK W. YOUNG, Everett, Mass. Filed Jan. 10, 1925. Serial No. 1,712. 8 Claims. (Cl. 123—180.)



1. An air heater comprising a receptacle open only at the top and adapted to contain a supply of fuel in the closed bottom thereof, an air conduit extended through said receptacle and spaced from the bottom and sides of the receptacle and having exposed inlet and outlet openings, and a removable closure for the open top of said receptacle.

1,572,417. DYESTUFFS AND PROCESS OF MAKING SAME. WILLIAM PARNELL BATES, Kempton, N. Dak. Filed Aug. 25, 1924. Serial No. 734,085. 6 Claims. (Cl. 260—56.)

1. A group of new bodies having the general formula



in which σ is a monovalent element or group.

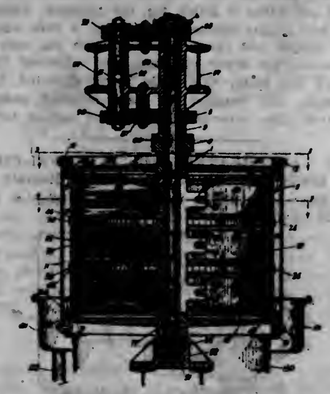
4. A process which comprises adding a diazonium compound to an aromatic amine in the presence of water while maintaining the reaction mixture hot.

1,572,418. MUSICAL INSTRUMENT. FREDERICK C. BENNER, Hempstead, N. Y. Filed Feb. 14, 1924. Serial No. 692,641. 7 Claims. (Cl. 84—385.)



7. A wind instrument having a longitudinal slot, a movable slide to close the slot and provided with a port, a side wall and means for adjusting the same whereby the width and shape of the slot may be varied manually.

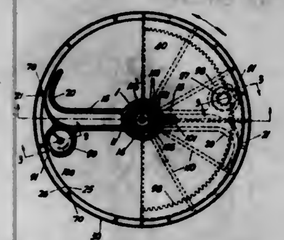
1,572,419. CENTRIFUGAL SEPARATOR. WILLIAM BIRCHALL, Ashbourne, Pa. Filed Apr. 1, 1921. Serial No. 457,652. 28 Claims. (Cl. 210—74.)



1. In a centrifugal separator for separating solids and liquids, the combination of one or more radially extending arms, the said arm or arms having radial passageways extending therethrough, means for supplying a semiliquid mixture of solids and water to the said passageway or passageways, means for causing revolution of the said arm or arms to thereby force the said mixture outwardly in said arm or arms, a cylindrical means inclosing the outer end portion or portions of said arm or arms, the said arm or arms terminating in adjacent relation to the inside surface of said means, and the said arm or arms being provided with an outwardly extending apron or aprons for supporting the said mixture in a layer against the inside surface of the said separating means.

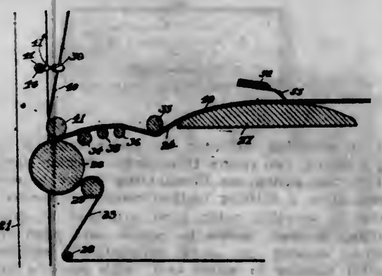
1,572,420. CENTRIFUGAL SEPARATOR. WILLIAM BIRCHALL, Ashbourne, Pa. Filed May 10, 1921. Serial No. 468,443. 20 Claims. (Cl. 210—69.)

1. In a centrifugal separator adapted for separating mixtures of solids and liquids, the combination of rotating separating means, radial means for delivering a mixture of solids and liquids on to the inner surface of said separating means, said radial means being rotatable the liquid content thereof escaping and leaving the solid content of the mixture on said surface, means



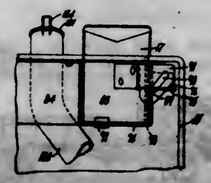
located eccentrically of the axis of rotation of said radial means for removing the said solid content from said surface which means is carried by said radial means, and means for conveying the same away from its point of removal and effecting its discharge from said separator.

1,572,421. RULING APPARATUS. ALBERT BROADMEYER, Harrisburg, Pa., assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa., a Corporation of Pennsylvania. Filed Feb. 23, 1923. Serial No. 620,800. 7 Claims. (Cl. 33—34.)



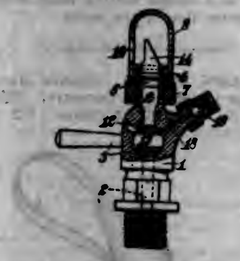
1. In a ruling machine, a movable endless work-holding cord, and an adjustably supported guide for the cord having an eye through which the cord passes.

1,572,422. VENDING MACHINE. DANIEL L. CHANDLER, Boston, Mass., assignor, by mesne assignments, to Vend Ads Corp., a Corporation of Massachusetts. Filed Mar. 28, 1923, Serial No. 628,354. Renewed Oct. 3, 1925. 23 Claims. (Cl. 194—63.)



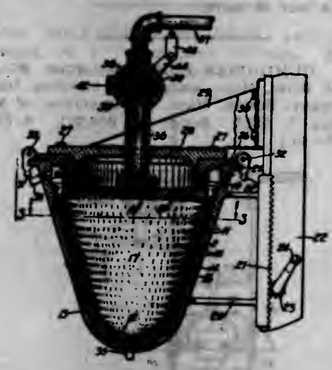
1. A machine for delivering an article in exchange for a coin of predetermined dimensions having, in combination, a casing, a coin holder rotatably mounted on said casing and having a recess in its periphery to hold said coin, said casing having a coin slot in alignment with said recess, means for testing a coin in said recess, means to rotate said coin holder and mechanism operated thereby to cause said coin to be ejected from said holder and deposited in said casing.

1,572,423. MEANS FOR OBSERVING THE WORKING CONDITIONS IN THE CYLINDER OF AN INTERNAL-COMBUSTION ENGINE. HARRY CHAPMAN, Sheffield, England. Filed July 25, 1922. Serial No. 577,476. 9 Claims. (Cl. 123—198.)



3. In an internal combustion engine, the combination with a nipple or the like having a passage through it, means for placing one end of the passage in communication with the combustion chamber of the engine, a prismatic body permitting the passage of light closing the other end of the passage, a cock capable of opening and closing communication between the prismatic body and the combustion chamber, a displaceable shield over the prismatic body having a viewing aperture, and two branches from the nipple passage to the atmosphere, both branches and the main passage being controlled by the same cock, and one of the branches being fitted with a non-return exit valve, substantially as specified.

1,572,424. FELT SHRINKING. FRANK F. CHUDOBA, Glastonbury, Conn., assignor, by mesne assignments, to United States Hat Machinery Corporation, Richmond, Va., a Corporation of Virginia. Filed July 22, 1921. Serial No. 487,141. 26 Claims. (Cl. 28—6.)

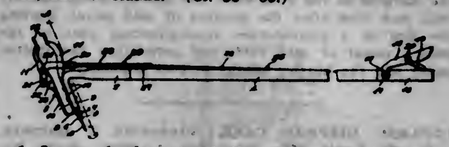


1. A bat-shrinking apparatus comprising a tapering bed, said bed serving to support the bat, and means fixed by the action of fluid pressure for intermittently applying surface pressure to the bat.

1,572,425. PROCESS FOR COLORING MINERAL MATTER. HARRY C. FISHER, Cincinnati, Ohio, assignor to The Richardson Company, Lockland, Ohio, a Corporation of Ohio. Filed July 27, 1925. Serial No. 46,491. 4 Claims. (Cl. 91—70.)

3. A process for permanently coating a granular mineral with a dehydrated silicate which consists in mixing together dry mineral granules and dry finely-divided water insoluble pigment, then adding water and silicate accompanied by agitation and finally dehydrating by heat.

1,572,426. PRUNING IMPLEMENT. JOHN HENRY FOOTE, Delta, Utah. Filed May 23, 1925. Serial No. 32,482. 5 Claims. (Cl. 55—65.)



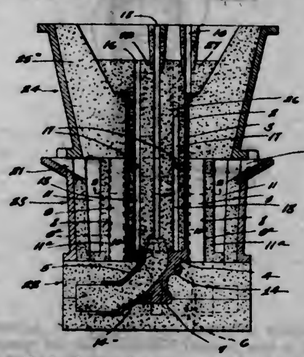
1. In an implement of the character described, a handle, and a pair of thinning tweezers carried by the handle, said tweezers being constructed of a single piece of metal bent to substantially U-shaped form and having a curved springy body portion and a pair of arms integral with said body portion, one of the arms being fixedly connected to the handle member, jaws formed on the arms, the inherent resiliency of the body portion normally holding the jaws spread, and means for bringing the jaws together.

1,572,427. MOUNTING FOR WINDOW GLASS. MEL FULLER, Chattanooga, Tenn., assignor to Fuller Automobile Company, Chattanooga, Tenn., a Corporation of Tennessee. Filed Nov. 17, 1923. Serial No. 675,871. 3 Claims. (Cl. 296—44.5.)



3. A mounting for window glass having yieldably mounted side bearing surfaces and a yieldable edge bearing surface connected to and carried by the side bearing surfaces, said edge bearing surface and said side bearing surfaces being connected in such manner that when one of the surfaces yields the others will be pressed more firmly into engagement with the glass by virtue of the yielding movement.

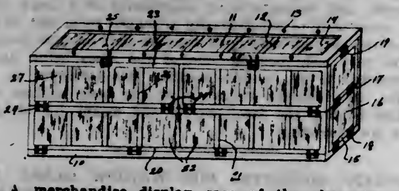
1,572,428. METHOD OF ATTACHING COPPER FINS TO CAST-IRON CYLINDERS. CHARLES P. GRIMES, Syracuse, N. Y. Filed Apr. 4, 1924. Serial No. 704,140. 9 Claims. (Cl. 22—204.)



1. The method of attaching to a metal part, fins of a metal having a greater coefficient of expansion than said metal part, comprising supporting the fins with margins thereof projecting into a mold cavity which forms the

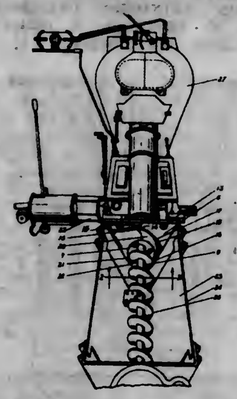
metal part to which the fins are to be attached, pouring the metal into such mold cavity, whereby it flows around the margins of the fins, while the fins are comparatively cool, and then after the pouring of said metal, heating the fins to a temperature approximating that of the molten metal of said part, and permitting the molten metal and the heating means to cool gradually.

1,572,429. DISPLAY CASE. VALENTINE J. GRITHER, Jr., St. Louis, Mo. Filed Apr. 1, 1924. Serial No. 703,496. 3 Claims. (Cl. 211—16.)



1. A merchandise display case of the character described having a bottom, top, sides and ends, vertical partition members connecting the top and bottom and engaged therewith to support the top and bottom in spaced relation to each other, each end being composed of a frame formed in two sections, the lower section being hinged to the bottom of the case for outward and downward swinging movement, the upper section being hinged to the lower section for outward and downward swinging movement, the upper section and the top of the case having latching engagement with each other, the sides being composed each of a longitudinally extending lower section having a length equal to that of the case, and a plurality of upper sections, the lower section being hinged to the bottom of the case for downward and outward swinging movement, the upper sections being hinged to the lower section for downward and outward swinging movement, the upper sections and the top having latches whereby the upper sections may be held in closed position and there being means for latching the lower sections of the sides and ends in vertical position, the top, sides and ends all having transparent panes whereby the contents of the case may be observed.

1,572,430. COAL-CUTTING KNIFE. WILLIAM T. HANNA, Cincinnati, Ohio. Filed Sept. 8, 1924. Serial No. 736,519. 5 Claims. (Cl. 83—52.)



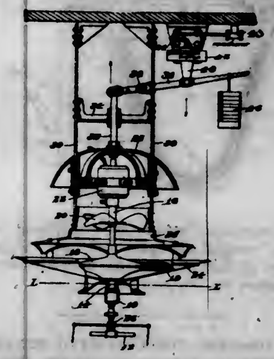
1. The combination with a knife body having a way therethrough, of a conveyor screw revolubly mounted in the way, a forwardly projecting helical cutting edge on the body disposed eccentrically of the conveyor screw on one side of and above the way, and terminating in a cutting edge point disposed above and spaced at a distance from the conveyor screw, and a second helical cutting edge on the body on the opposite side of the way disposed substantially concentric with the screw and terminating in a second cutting point disposed below the horizontal center line of the screw.

1,572,431. HOLLOW DIBBLE. HOLGER HANSEN, Charlottenlund, near Copenhagen, Denmark. Filed Apr. 25, 1922. Serial No. 556,515. 1 Claim. (Cl. 55—67.)



A dibble for making plant holes comprising a substantially conical tube open at both ends, the smaller end of which tube is cut at an angle oblique to the axis of the tube, and the larger end of which tube is provided with a handle formed integrally with the tube for thrusting the dibble into the soil and withdrawing therewith a core of earth.

1,572,432. HUMIDIFIER CONTROL. JOHN W. JACKSON, Fall River, Mass., assignor to American Moistening Company, Boston, Mass., a Corporation of Maine. Filed Aug. 7, 1923. Serial No. 656,241. 6 Claims. (Cl. 236—44.)



1. The combination of a humidifier having a supply of still water below, a fan above, and means between these for lifting water from said supply and discharging it into the blast created by said fan, with control means responsive to increase of humidity in the air adapted to move said water lifting means away from said water supply, thereby to stop the discharge of water into the air.

1,572,433. POETIC PUZZLE AND POETIC-PUZZLE BLOCKS. MARIE CATHERINE JONES, Los Angeles, Calif. Filed Nov. 9, 1922, Serial No. 599,862. Renewed Dec. 19, 1925. 3 Claims. (Cl. 273—182.)



1. A game comprising a plurality of pieces, some of which are inscribed on one side with words adapted to form an intelligible text, when the pieces are arranged in proper order, others of the pieces being inscribed upon one side with letters adapted to form the title of the text when the pieces are arranged in proper order, all of the aforesaid pieces being inscribed on the opposite side with numerals denoting the order in which the words are to be arranged to form the text, and denoting the order in which the letters are to be arranged to form the title.

1,572,434. POCKET FOR SWEATERS. ARTHUR KAISER, Brooklyn, N. Y. Filed Mar. 20, 1924. Serial No. 700,476. 3 Claims. (Cl. 66—4.)



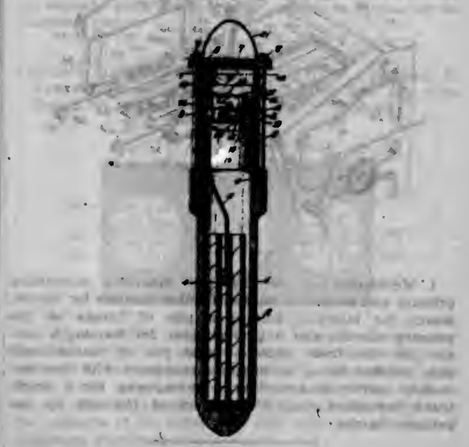
1. A knitted sweater or the like comprising a knitted body member having a continuous series of intermediate loops thereof separated from the other loops thereof, said separated loops being connected to form a finished edge, and a rear knitted pocket member comprising a separate single thickness of flat knitted fabric having its upper edge directly knitted to the loops of said body member directly adjacent said separated loops to form a connection having the same thickness as the portions of said body member directly above and below said connection, the bottom and side edges of said pocket being connected to said front member.

1,572,435. BOMB. ALBERT M. KING, Casper, Wyo. Filed Sept. 19, 1925. Serial No. 57,451. 11 Claims. (Cl. 102—4.)



1. A bomb including a casing having an explosive charge confined therein, and a fulminated fuse leading to the charge, in combination with fuse-igniting means comprising a time piece provided with an alarm shaft, spring actuated mechanism adapted to contact and light the end of the fuse, and means carried by said alarm shaft and adapted to prevent operative actuation of said spring mechanism, during one position of said alarm shaft.

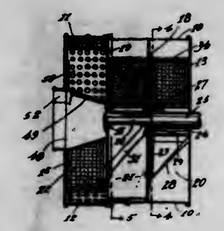
1,572,436. BOMB CASING. ALBERT M. KING, Casper, Wyo. Filed Sept. 19, 1925. Serial No. 57,452. 5 Claims. (Cl. 102—4.)



1. A housing for bombs and igniters, comprising a metallic casing for the explosive charge, and a transparent casing for the igniter.

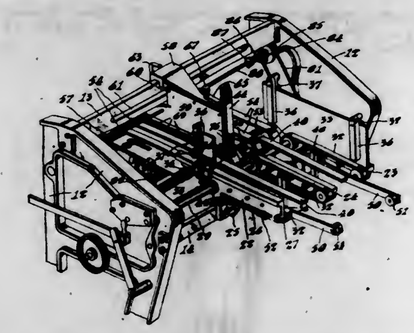
2. A housing for bombs and igniters, comprising a metallic housing for the explosive charge, and a frangible transparent casing for the igniter.

1,572,437. CORN-POPPING MACHINE. SAMUEL S. KINGSBY, Norwood, Ohio. Filed Oct. 19, 1923. Serial No. 669,559. 2 Claims. (Cl. 53—4.)



1. In a corn popping machine, a cylinder capable of rotary motion and divided vertically by partitions into a number of compartments adapted to receive corn, chutes carried by the partitions to establish communication between the compartments whereby corn will be delivered from one compartment to another by rotation of the cylinder, means for heating said cylinder, means for rotating said cylinder, a coarse screen dividing each compartment into an inner and outer chamber for separating the unpopped corn from the popped corn in each compartment and an open chute for discharging the popped corn from the inner chamber of each compartment continuously and irrespective of the unpopped corn and means for periodically opening the outer chamber into the chute.

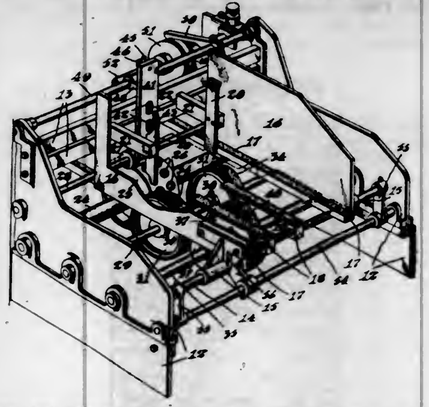
1,572,438. BLANK FEEDER. LEON E. LA BOMBARD and MELVIN H. SIDEBOTHAM, Chelsea, Mass., assignors to Specialty Automatic Machine Company, Chelsea, Mass., a Corporation of Massachusetts. Filed June 20, 1921. Serial No. 478,846. 30 Claims. (Cl. 271—35.)



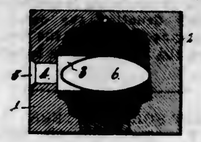
1. Mechanism of the character described comprising primary and secondary endless friction carriers for blanks, means for laterally holding a pile of blanks on the primary carrier, and a gate member for forming a barrier for the front edges of said pile of blanks, said gate member being mounted to cooperate with the secondary carrier in providing a passageway for a single blank separated from the bottom of the pile by the primary carrier.

1,572,439. TIME FEEDER. LEON E. LA BOMBARD and MELVIN H. SIDEBOTHAM, Chelsea, Mass., assignors to Specialty Automatic Machine Company, Chelsea, Mass., a Corporation of Massachusetts. Filed June 24, 1922. Serial No. 570,697. 15 Claims. (Cl. 271—41.)

1. A blank-feeding mechanism including a normal support for a pile of blanks, said support being surfaced to frictionally retard blanks, a friction feeder to act on successive lower blanks of the pile, and means for intermittently varying the relative height of said normal support and friction feeder to reduce the retarding effect of the normal support when the feeder acts on each lower blank.

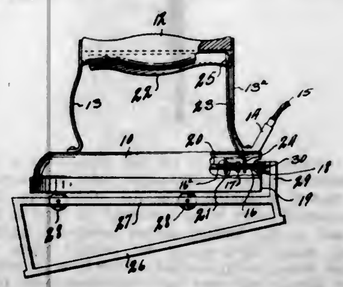


1,572,440. MOLD FOR MANUFACTURING TIRES. HENRY M. LAMBERT, Portland, Oreg., assignor to Lambert Tire & Rubber Co., Akron, Ohio, a Corporation of Arizona. Filed July 8, 1924, Serial No. 724,110. Renewed July 13, 1925. 3 Claims. (Cl. 18—42.)



3. In tire molds the combination with the side plates, of pins extending from one side plate diagonally across to the other side plate, each of said pins comprising two symmetrical matching sections, one secured to one side plate and the other secured to the other side plate with their planes of division lying at an inclination to the longitudinal axis of the pin as a whole.

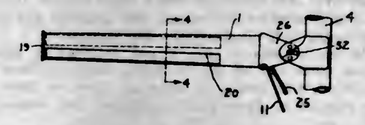
1,572,441. AUTOMATICALLY-OPERATED ELECTRIC IRON. CHARLES E. MACY, Iowa Hill, Calif. Filed Mar. 3, 1925. Serial No. 12,939. 8 Claims. (Cl. 219—25.)



8. An electric iron comprising a body having handle supporting members, a handle section mounted between the supporting members, an electric cord having one of its wires connected to one of said supporting members,

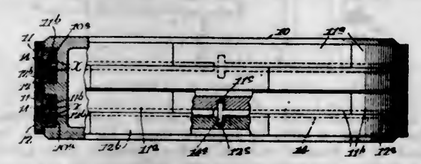
a longitudinally movable switch disposed in the rear end of the iron, a spring urging said switch rearward and the rear end of the switch beyond the rear end of the iron, said switch when moved forward against the action of the spring closing the circuit through the heating element, an arm carried by the movable section of the handle and engaging said switch, a fulcrum supporting the movable section and the arm whereby when the movable section is forced toward the fixed section of the handle the arm will shift the switch to its circuit-closing position, and a support for the iron having rollers disposed in a downwardly and rearwardly extending plane, the rear end of the support having an upwardly extending member adapted to engage the rear end of the switch and force it forward into electrical engagement with the heating element when the iron moves rearward under the action of gravity on said support

1,572,442. TRAFFIC SIGNAL FOR MOTOR VEHICLES. ALEXANDER MARRETT, Los Angeles, Calif. Filed Mar. 10, 1925. Serial No. 14,471. 1 Claim. (Cl. 116—48.)



A traffic signal for a motor vehicle having a windshield and a steering column, a bracket having a pair of cars adapted to be attached to a side frame of the windshield, a tubular signal arm having a pyramidal side wall adjacent the inner end, a lug secured to the said pyramidal wall, a pivotal connection between the lug and the bracket, the signal arm having a transverse base at its inner end, said base supporting a socket for an electric lamp, electric wires extending from the socket through the pyramidal wall, a flexible shaft connected to the tubular signal arm adjacent the pyramidal wall, and means mounted on the steering column to slide the other end of the flexible shaft to operate the signal arm.

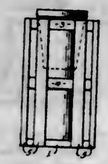
1,572,443. PISTON AND RING CONSTRUCTION. HENRY E. MUCHNIC, Atchison, Kans. Filed Jan. 12, 1925. Serial No. 1,727. 5 Claims. (Cl. 74—109.)



1. In combination with a piston member having a groove in its outer periphery, a bull-ring formed in segmental sections, said sections being constructed to fit in said groove and contact with the bottom thereof, complemental sections associated and coacting with said first named segments, a resilient extending means coacting with said segments, said first named segments and said complemental segments being grooved to accommodate said locking ring, the bottom of said segments beneath said grooves being recessed.

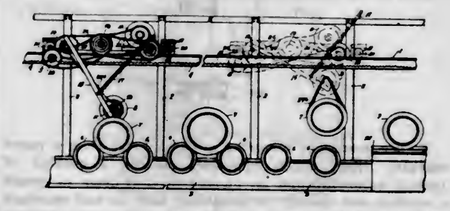
1,572,444. COMBINATION VASE AND DISPLAY RACK. CHARLES P. MUELLER, Wichita, Kans. Filed Nov. 11, 1924. Serial No. 749,310. 1 Claim. (Cl. 248—41.)

In a combination vase and display rack, composed of a base frame, an intermediate frame, a top frame, vertical slats attached to said frames, each of said frames having same form except the base frame which is made of wider material than that of the top and intermediate frames, thereby forming a supporting member for a can



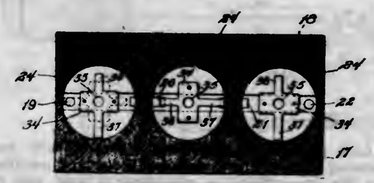
or jar when placed within the opening surrounded by the top and intermediate member, all for the purpose set forth and described.

1,572,445. PORTABLE PLASTIC-WARE-MAKING MACHINE. CLIFFORD R. NICHOLS, Dallas, Tex. Filed Apr. 20, 1925. Serial No. 24,627. 16 Claims. (Cl. 25—30.)



1. In a centrifugal plastic ware making machine, a multiplicity of spaced rotatable molds; rotary members supporting the molds; portable driving means for the molds including rotary driving members arranged to frictionally engage the upper arcs of the molds and exerting downward pressure thereon so as to positively hold the molds from upward movement; means for hoisting the molds by the said rotary driving means after completion of the product, and means for transporting the machine from the point of operation to dispose of the finished product

1,572,446. IGNITION-CIRCUIT SWITCH. RUSSELL H. PARKER, Benton County, Oreg. Filed Feb. 21, 1925. Serial No. 10,891. 3 Claims. (Cl. 200—43.)

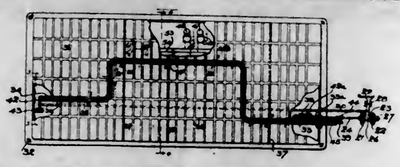


1. In a switch, a plurality of contact elements arranged in pairs, a switch element for connecting the contacts of the pairs and alignable in either of two positions, each pair of contacts connecting the contacts of one of said pairs at each alignment therewith and the contacts of the other pair only upon a predetermined alignment therewith.

1,572,447. LOCATING CHART FOR VEHICLES. WALTER F. SCHROEDER, Detroit, Mich. Filed Aug. 14, 1925. Serial No. 50,236. 10 Claims. (Cl. 116—29.)

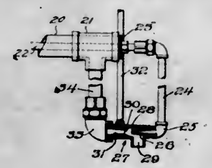
1. In a locating chart for vehicles, the combination of a chart mounted in a vehicle, a tubular member in the

chart under the line of travel of the vehicle, a longitudinal slot in said tubular member, a flexible element



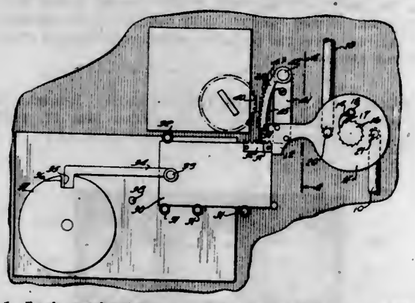
adapted to be moved through said tubular member by the rotation of one of the wheels of the vehicle, and a pointer connected to the flexible element.

1,572,448. PROCESS AND APPARATUS FOR REMOVING WATER AND AIR FROM PAPER-MACHINE DRIERS. VENNING D. SIMONS, Chicago, Ill. Filed July 15, 1920. Serial No. 396,524. 13 Claims. (Cl. 34—4.)



3. The process of removing air and water from a paper machine drier, which comprises passing a current of heated water through an ejector in said drier to create a suction and thereby withdrawing said air and moisture with said water, separating the air and water, heating a portion of said water and supplying said ejector with said heated water.

1,572,449. LOCK MECHANISM. HENRY N. SLEDGE, Jersey City, N. J. Filed July 6, 1925. Serial No. 41,483. 6 Claims. (Cl. 70—26.)



1. Lock mechanism comprising a locking bolt, means for moving said bolt into and out of locking position, a detent for preventing the movement of said bolt from locking position, means for withdrawing said detent and power driven mechanism under the control of said detent for operating said bolt moving means to move the bolt to unlocking position.

1,572,450. AUTOMATIC RIFLE. CARL GUSTAF SWEBILIUS, New Haven, Conn., assignor, by mesne assignments, to The Marlin Firearms Corporation, New Haven, Conn., a Corporation of Delaware. Filed May 15, 1919, Serial No. 297,201. Renewed Nov. 17, 1925. 88 Claims. (Cl. 42—8.)

2. In a take-down automatic firearm, a receiver, a barrel carried thereby, a self-contained action unit composed of a plurality of coacting elements, and means for detachably connecting said unit to said barrel and receiver.



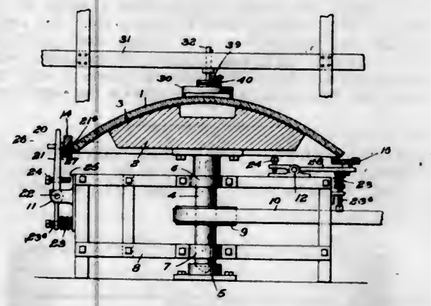
46. In a gun, a breech mechanism comprising a carriage, a breech bolt movably mounted on said carriage, locking means associated with said bolt, and means for operating the locking means upon relative movement of the carriage and bolt.

65. In an automatic gun, a gas cylinder, an action-rod having a tubular portion extending into the gas cylinder, a buffer slidably mounted in the exposed end of the tubular portion, and a resilient member engaging said buffer.

71. In an automatic gun, a barrel, a bracket carried by said barrel, a bore in said bracket having its upper surface tapered, a projection opposite said tapered surface a semicircular recess adjacent said bore, a gas cylinder having a reduced portion adapted to fit into said bore over said projection and a main portion adapted to fit in said semicircular recess, and aligning gas ports in said barrel and bracket and said cylinder.

80. In an automatic gun, a gas cylinder, a piston, an action slide and an action spring, said elements being provided with means to maintain them in their operative relation to form a self-contained unit removable from the gun.

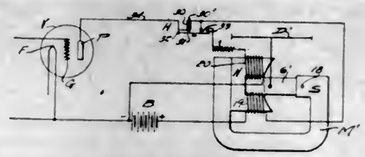
1,572,451. APPARATUS FOR FINISHING REFLECTOR BLANKS. WILLIAM H. TAYLOR, Ford City, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed June 5, 1922. Serial No. 566,202. 2 Claims. (Cl. 51—3.)



2. In combination in apparatus for finishing circular glass blanks, a table or support, means for securing the blank to be finished to such table or support, idler grinding devices arranged around the periphery of the table or support, means causing such devices to press against the edge of the blank, an annular cutter with its axis concentric with the axis of the table or support engaging the surface of the glass, and means for causing the table and grinding devices and cutter to rotate relatively to secure a cutting action between said grinding devices and annular cutter, and the glass blank.

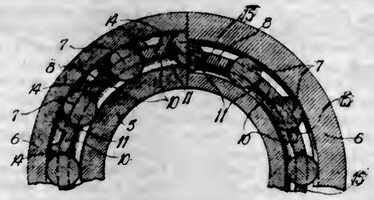
1,572,452. TELEPHONE RECEIVER. ADOLPH A. THOMAS, New York, N. Y. Filed May 16, 1925. Serial No. 30,708. 17 Claims. (Cl. 179—1.)

1. In a telephone receiving circuit, a magnet having pole pieces, a vibratory armature operatively associated with said pole pieces, a circuit containing a battery of substantially constant potential, a variable resistance path in series with the battery, means for varying the resistance of said path in accordance with transmitted intelligence, a coil on said magnet in series with the battery, a second coil on said magnet in shunt to said variable resistance path, said coils being so constructed and arranged that normally their resultant magnetic effect on the armature is substantially equal and opposite,



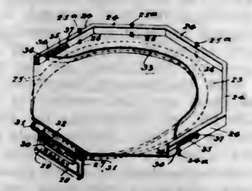
whereby current variations in the battery circuit due to variations in said resistance path unbalance the normally balanced magnetic effects of said coils and cause vibration of said armature in accordance with said current variations, and an acoustic member controlled by said armature.

1,572,453. ROLLER BEARING. HERBERT VANDERBEEK, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a Corporation of Ohio. Filed July 9, 1924. Serial No. 724,961. 5 Claims. (Cl. 308—218.)



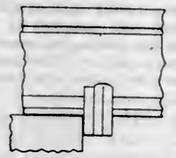
1. A roller bearing comprising inner and outer raceways, rollers between said raceways and a cage for said rollers, said cage comprising a shell substantially in circular alinement with the axes of said rollers and having pockets whose width near the ends thereof is approximately the same as the width of the adjacent portions of said rollers, and whose width at and near the middle thereof is sufficient to keep the rollers clear of said middle portion even when the end portions of said rollers contact sidewise with the side edges of the end portions of said pockets.

1,572,454. CABINET FOR PHONOGRAPH RECORDS. CHARLES A. VASTOLA, Waterbury, Conn. Filed Oct. 24, 1923. Serial No. 670,468. 3 Claims. (Cl. 211—16.)



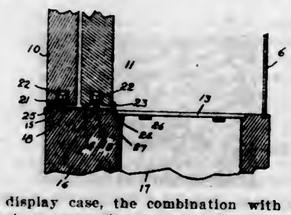
1. In a phonograph record cabinet, a base, a plurality of identical staggered spaced plates superimposed upon said base, the spaces between adjacent plates being adapted to receive phonograph disc records, said records lying substantially concentric and a roller at the edge of each of said plates adapted to raise the front edge of the record to prevent the records from sliding out and to permit them to be readily moved into and out of position.

1,572,455. ANTICREEPER FOR RAILWAY RAILS. WILLIAM S. WESTON, Dallas, Tex. Filed Aug. 28, 1924. Serial No. 734,622. 14 Claims. (Cl. 238—304.)



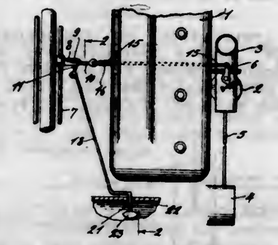
9. A one-piece rail anchor, comprising a series of two or more substantially rigid jaws having, in operation, vertical plane lever grips on the same base flange of the rail, the said jaws being joined by a relatively yielding connection or connections adapted to be strained on installation and thereby initially establish the said lever grip of each jaw on the base flange.

1,572,456. DISPLAY CASE. CHARLES E. WICKE, Mount Vernon, N. Y., assignor to A. C. Wicke Manufacturing Company, New York, N. Y., a Corporation of New York. Filed May 15, 1924. Serial No. 713,393. 3 Claims. (Cl. 211—7.)



1. In a display case, the combination with a display compartment, a supporting structure therefor, and sliding doors movable over a portion of said structure, of a cover plate consisting of an elonagted strip of metal having a flat body portion fitting the top of said portion of the structure, and two downwardly extending flanges engaging the sides of said portion of the structure, whereby the said portion of the structure is sealed from moisture and the like, said cover plate also having two longitudinal corrugations pressed outwardly from said flat body portion and serving to support said sliding doors, another longitudinal corrugation extending outwardly from adjacent the edge of said flat body portion and serving as a stop to prevent displacement of said doors, and a ledge extending outwardly from said last-mentioned corrugation for supporting a tray in said compartment.

1,572,457. FOOT ACCELERATOR FOR AUTOMOBILES. WILLIAM J. WINTER and FRANK MCKINLEY HOLMES, Denver, Colo. Filed Oct. 19, 1925. Serial No. 63,327. 3 Claims. (Cl. 74—81.)



1. In an engine fuel control, in combination, a source of fuel, a carburetor, an engine, an intake manifold between the engine and the carburetor, a valve for controlling the passageway between the carburetor and the engine, and means for controlling said valve, said means

comprising an adjustable pivot, a double-levered crank member pivoted in the adjustment pivot, means for connecting one end of one of said levers with the valve, a spring means for normally holding the valve in closed position, and a push rod connected to one end of the other of said levers for moving the same about its pivot when sufficient force is applied to the push rod to rotate the double crank member against the force of the spring.

1,572,458. ALLOY STEEL. WILLIAM P. WOODSIDE and CHARLES NEUMAN DAWE, Detroit, Mich., assignors to The Studebaker Corporation, South Bend, Ind., a Corporation of New Jersey. Filed Aug. 24, 1923. Serial No. 659,213. 8 Claims. (Cl. 75—1.)

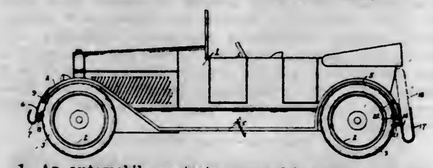
1. An alloy metal composed of .10% to .23% of carbon, .30% to .60% of manganese, 1.40% to 1.75% of nickel, .20% to .30% of molybdenum and 97% to 98.1% of iron.

1,572,459. MAKING CASTINGS OF ALUMINUM-SILICON ALLOYS. ROBERT S. ARCHER, East Cleveland, Ohio, and JUNIUS D. EDWARDS, Pittsburgh, Pa., assignors to Aluminum Company of America, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Nov. 27, 1920. Serial No. 426,839. 21 Claims. (Cl. 22—213.)



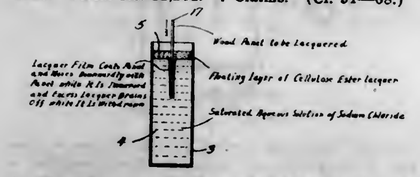
1. The method of making castings of aluminum-silicon alloy, comprising filling the mold with the molten alloy and causing the silicon in the alloy to take the form of minute particles by solidifying the alloy rapidly.

1,572,460. AUTOMOBILE FENDER AND GUARD. EDWARD A. BANSCHBACH, Chicago, Ill. Filed May 17, 1920, Serial No. 381,860. Renewed July 1, 1922. Serial No. 572,305. 7 Claims. (Cl. 280—152.)



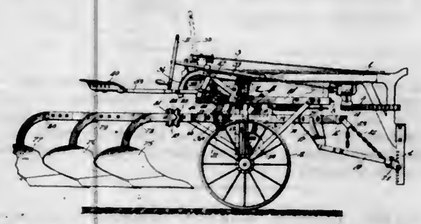
1. An automobile protector comprising a pair of opposite fenders with projecting and resilient ends, a bumper connected to the ends, and resilient means extending between the frame of the automobile and the bumper.

1,572,461. APPLICATION OF CELLULOSE-ESTER LACQUERS. REMB A. BEAUSEJOUR, Port Richmond, N. Y., assignor to Standard Varnish Works, New York, N. Y., a Corporation of New York. Filed Aug. 19, 1925. Serial No. 51,201. 7 Claims. (Cl. 91—68.)



1. An improved method of applying cellulose ester lacquers, which comprises floating a layer of the cellulose ester lacquer on a liquid body of greater density which is substantially immiscible with the lacquer and dipping the object to which the lacquer it to be applied through the floating layer of cellulose ester lacquer.

1,572,462. POWER FARMING APPARATUS. HARRY A. BECHTELHEIMER, Rock Island, Ill., assignor, by mesne assignments, to Moline Implement Company, a Corporation of Illinois. Filed Feb. 24, 1923. Serial No. 621,043. 5 Claims. (Cl. 97—72.)



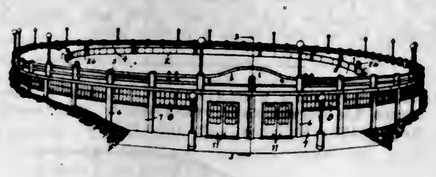
1. A universal implement carriage for tractors comprising a wheeled frame having connections for connecting it to a tractor, a draft structure supported by the wheeled frame so as to be movable from a lowered or working position to a raised or transport position and vice-versa, said draft structure including means to which a wide variety of agricultural tools, including heavy tools such as plows, may be adjustably and detachably connected, a hitch device for connecting the draft structure to a tractor, powerlift mechanism operated by travel of the carriage, connections between the powerlift mechanism and the draft structure for raising and lowering the draft structure, means for adjusting said connections to vary the working position of the draft structure, said connections including parts having a limited relative vertical movement to permit a limited movement of the draft structure vertically relative to the wheeled frame when the draft structure is in working position to thereby permit the draft structure to have a limited floating action so that the tools may adjust themselves to inequalities in the soil without digging too deep or raising too high out of the ground.

3. A universal implement carriage for two-wheeled tractors of the type having a rearwardly extending coupling frame, comprising a wheeled frame having connections for attaching it to a tractor coupling frame to stabilize the implement, a draft structure supported by the wheeled frame so as to be movable from a lowered or working position to a raised or transport position and vice versa, and so that it may be inclined forwardly, rearwardly, or to either side relative to the frame, said draft structure including means to which a wide variety of agricultural tools, including heavy tools such as plows, may be adjustably and detachably connected, hitch connections for connecting the draft structure to a tractor, powerlift mechanism for raising and lowering the draft structure relative to the wheeled frame, and connections between the powerlift mechanism and the draft structure through which the powerlift mechanism may raise and lower the draft structure relative to the frame, adjusting means for said connections for adjusting the working position of the draft structure, said connections including parts having a limited relative movement vertically to permit the draft structure to have limited vertical movement relative to the frame while it is in working position to thereby permit the draft structure to float freely within limits so that the tools may adjust themselves to inequalities in the soil without digging too deeply into or rising too high out of the ground.

5. A universal implement carriage for two-wheeled tractors of the type having a rearwardly extending coupling frame, comprising a wheeled frame having connections for attaching it to a tractor coupling frame to stabilize the carriage, a draft structure supported by the wheeled frame so as to be movable from a lowered

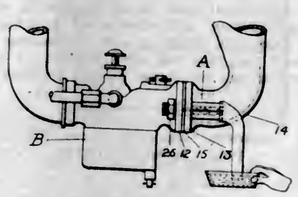
or working position to a raised or transport position and vice versa, said draft structure including means to which a wide variety of agricultural tools, including heavy tools such as plows, may be adjustably and detachably connected, hitch connections for connecting the draft structure to a tractor, powerlift mechanism operated by travel of the carriage, connections between the powerlift mechanism and each side of the draft structure, means for adjusting each of the connections independently to vary the height of the sides of the draft structure, said connections each including parts having a limited relative movement in a vertical direction which permit a limited movement of the draft structure relative to the frame in a vertical plane when the draft structure is in working position so that said structure will have a floating action which will permit the tools to adjust themselves to inequalities in the soil without digging too deep into or jumping out of the ground.

1,572,463. BATHING POOL. WESLEY BINTZ, Lansing, Mich. Filed June 14, 1923. Serial No. 645,302. 2 Claims. (Cl. 4—172.)



1. In a bathing pool structure, the combination with a pool open at the top and provided with a bottom floor resting upon the ground, a surrounding retaining wall, said bottom floor joining said wall intermediate the top and bottom thereof, a deck surrounding said pool, said deck extending outwardly from the top of said wall, an outer wall surrounding said pool wall and spaced therefrom, said deck constituting a top for the enclosure between said walls, and a floor between said walls, thereby providing a covered enclosed room space, said deck, outer wall and floor reinforcing said retaining wall, as described.

1,572,464. INTAKE-CONNECTING BOLT. CHARLES BJORKLUND, St. Paul, Minn. Filed Nov. 1, 1924. Serial No. 747,262. 8 Claims. (Cl. 251—121.)



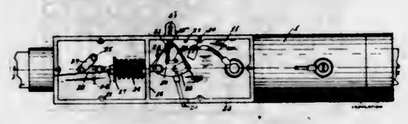
3. A connecting bolt for carburetor and intake flanges including an air passageway through said bolt and a valve for closing said air passageway.

5. A connecting bolt for automobiles including an opening formed in said bolt, a valve for closing said opening, means for holding said valve in normally closed position and an opening extending into said bolt adapted to connect the first named opening therein with the intake passageway of the automobile in a manner so that when the automobile is in operation air can be fed from the outer atmosphere into the motor of the automobile through said bolt.

1,572,465. PROCESS FOR MANUFACTURING LUBRICATING OILS. JOHN C. BLACK, Destrehan, La., and JAMES W. WEIR, Fillmore, Calif. Filed Oct. 19, 1922. Serial No. 595,660. 10 Claims. (Cl. 196—147.)

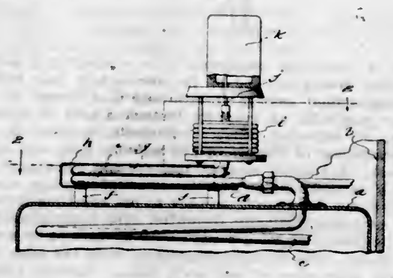
1. A method of refining hydrocarbons consisting in treating the hydrocarbons with sulphuric acid; withdrawing the precipitated acid reactions products, adding to the treated hydrocarbons a neutralizing and decolorizing reagent in sufficient quantities to decolorize the hydrocarbons and heating the mixture, then separating the hydrocarbons and admixed reagent.

1,572,466. ELECTRIC WATER HEATER. GEORGE R. BLAKESLEY, Edgerton, Wis. Filed Dec. 4, 1920. Serial No. 428,212. 1 Claim. (Cl. 200—81.)



In an automatic control for an electrical water heater, means for controlling the electric current comprising a stationary contact member, a pivoted contact member having a stud projecting therefrom, a pivoted actuator having an arcuate slot for receiving said stud, a spring connected to said stud for alternately actuating said movable contact member to open or closed position, a spring actuated rod attached to said actuator for oscillating the same, and a flap valve connected to said rod and operable for shifting said rod for moving said movable contact member toward closed position.

1,572,467. REFRIGERATING APPARATUS. LOUIS G. BURGESS and HARRY THOMPSON, Detroit, Mich. Filed Nov. 22, 1923. Serial No. 676,227. 2 Claims. (Cl. 62—4.)

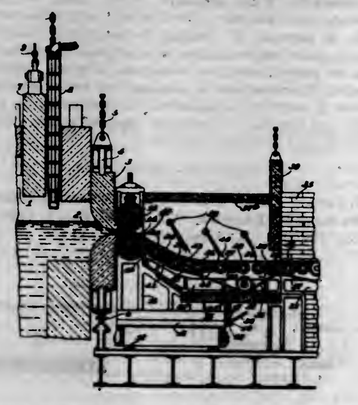


2. In a refrigerating control, the combination of a conduit bearing the expanded gases of a refrigerating apparatus and forming a loop, a fluid expansion type of thermostat provided with a feeler leg in the form of a loop lying against the loop of said conduit, and a shield encasing the two said loops for holding the parts in heat conductive relation.

1,572,468. APPARATUS FOR MAKING SHEET GLASS. ROBERT L. CLAUSS, Sewickley, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed May 13, 1925. Serial No. 29,932. 4 Claims. (Cl. 49—33.)

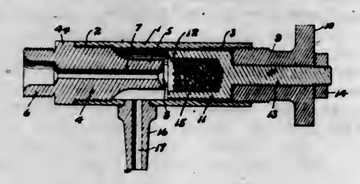
1. Apparatus for forming sheet glass continuously in a sheet or ribbon from a body of molten glass, comprising a pair of cooled rolls contacting with said molten body of

glass, and a table for receiving the glass and forwarding it, comprising a series of spaced rollers, a series of platens



interspersed between the rollers having their upper surfaces substantially flat and filling the spaces between the rollers, and means for cooling the rollers and platens.

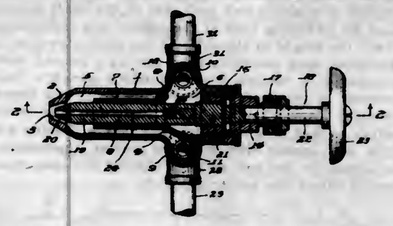
1,572,469. LIQUID-FLOW-REGULATING VALVE. MARTIN DE LIN, Holland, Mich., assignor to Holland Furnace Company, Holland, Mich., a Corporation of Michigan. Filed Sept. 28, 1925. Serial No. 58,998. 4 Claims. (Cl. 251—27.)



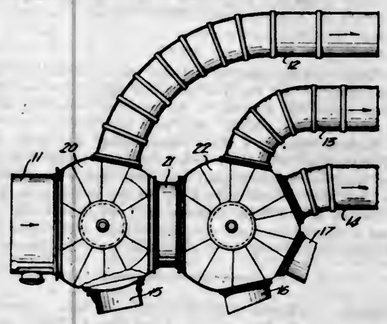
1. A liquid flow regulating valve comprising a sleeve, a plug closing one end of the sleeve, said plug having a longitudinal passage therethrough and formed at its inner end with an inwardly projecting neck of reduced size, an adjusting member adjustably mounted in the opposite end of the sleeve and movable back and forth therein, a housing member substantially cup-shaped located at the inner end of the adjusting member, means connecting the housing member to the adjusting member to move longitudinally therewith, said housing member at its inner end being formed with an opening or recess of larger cross sectional dimensions than the cross sectional dimensions of said neck, fibrous material located in said opening against which the inner end of said neck may be pressed, and an outlet to the sleeve located between the plug and housing member at one side of said neck, substantially as described.

1,572,470. OIL BURNER. CHRISTIAN A. DIEHL, Camden, N. J. Filed May 5, 1925. Serial No. 28,073. 5 Claims. (Cl. 158—75.)

1. In a liquid fuel burner, the combination of a casing, a partition therein dividing said casing into a forward fluid pressure chamber and a rear liquid fuel chamber, said chambers being provided with inlet openings disposed symmetrically on opposite sides of the axis of said casing, said fluid pressure chamber being provided at its forward end with a nozzle opening forming a valve seat, a sleeve in said casing integral with said partition extending forwardly toward said nozzle opening through said fluid pressure chamber and having a smooth cylindrical bore in alinement with said nozzle opening, a cap or closure closing the rear end of said casing, a valve stem extending through said chambers and through said cap and through said cylindrical bore, its forward end forming a valve member to cooperate with said valve seat and having an axial bore extending from the forward end thereof to said fuel chamber, a screw-threaded connection between said stem and said cap, a handwheel secured to the rear end of said stem, a fluid supply pipe and a fuel supply pipe disposed in alinement with each other and respectively communicating with the nozzles in said chambers and on which pipes said casing is mounted to be turned as on a friction pivot.

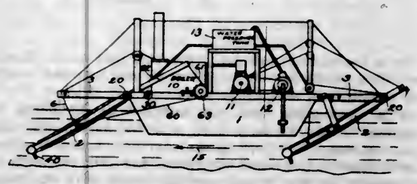


1,572,471. PENSTOCK STRUCTURE. HAROLD L. DOOLITTLE, Los Angeles, Calif. Filed May 7, 1923. Serial No. 637,157. 8 Claims. (Cl. 137—75.)



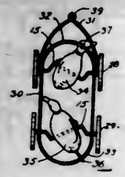
1. A penstock structure adapted to use in hydraulic power plants, comprising: a cylindrical sheet metal supply pipe; a spherical sheet metal chamber to which said supply pipe connects; and sheet metal distributing pipes extending from said chamber, said distributing pipes being arranged so that the axes thereof, if prolonged, would pass through the center of said chamber.

1,572,472. DREDGE. HENRY E. DOREN, Edmonds, Wash. Filed Mar. 9, 1925. Serial No. 14,110. 1 Claim. (Cl. 37—54.)



In a dredge, a supporting hull, beams projecting beyond each end of the hull, current deflecting planes pivotally supported from said beams to permit setting them to deflect the current downwards, a water pumping system, a header pipe extending along the lower edge of the apron and having supply connection with the pumping system, discharge nozzles carried by said header pipe to discharge downwardly, and means for rocking the header pipe to thereby vary the angle of discharge of the nozzles.

1,572,473. TOY. GEORGE W. FERGUSON, Minneapolis, Minn. Filed Mar. 23, 1921. Serial No. 454,975. 6 Claims. (Cl. 46—45.)



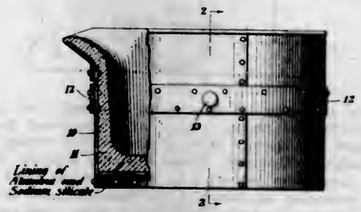
1. A toy comprising a pair of wheels having coincident axles, an axle connecting said wheels, having portions coincident with said axles so as to permit the same to rotate at all times perpendicular to the surface supporting the same, and another portion inclined relative thereto, a figure pivoted to said inclined axle portion and means pivoted to said coincident axle portion for supporting and guiding said figure in its movements.

1,572,474. EXPANSION JOINT. ALBERT C. FISCHER, Chicago, Ill. Filed Mar. 24, 1925. Serial No. 17,892. 19 Claims. (Cl. 94—18.)



1. As a new article of manufacture, plastic sheet material having small narrow strips of strengthening material placed upon one or more of its surfaces.

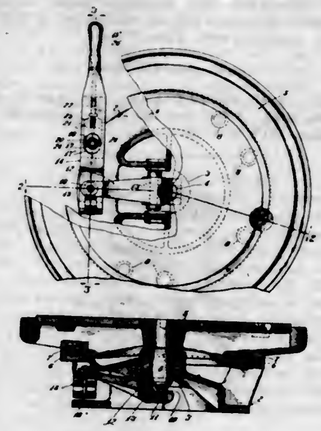
1,572,475. REFRACTORY LINING FOR CRUCIBLES AND THE LIKE. FRANCIS C. FRARY, Oakmont, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Jan. 15, 1924. Serial No. 686,276. 1 Claim. (Cl. 263—48.)



A hollow article for handling highly heated aluminum alloy, comprising a steel shell and a lining therein composed essentially of fine particles of solidified alumina bound together by sodium silicate.

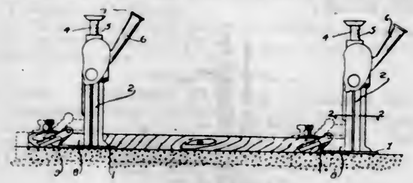
1,572,476. ROTARY TABLE FOR DRILLING MACHINES. ROBERT M. GALLOWAY and ALFRED G. SUDHOFF Richmond, Ind., assignors to The National Automatic Tool Company, Richmond, Ind., a Corporation of Indiana. Filed Feb. 26, 1923. Serial No. 621,163. 7 Claims. (Cl. 77—63.)

1. The combination of a base, a table mounted to rotate over said base and to rest upon the same, means for holding the table at different positions of rotation, means for lifting the table off its seat, and means for operating said lifting means with provisions for also releasing the table from its holding means by operation of said lifting means.



6. The combination of a base having a central bearing and an encircling track, a table having a journal stud occupying said bearing and a series of sockets over the base track, a bolt mounted to slide vertically in the base and engage the sockets in the table, a lever pivoted beneath the table and extending under the latter's journal stud on one side of its pivot, a second lever extending at right angles to the first and coupled to the latter on the other side of its pivot, and a permanent connection between the bolt and the second lever on the same side of the latter's pivot as the coupling between the two levers.

1,572,477. TRACK-ALIGNING JACK. FREDERICK HACKMANN, Chicago, Ill. Filed Jan. 25, 1924. Serial No. 688,395. 3 Claims. (Cl. 254—43.)



1. In a rail aligning jack, a base; a hollow vertical guide having its front side partially open rising from said base, a rack bar slidably mounted in said guide and having a lug projecting through the open side thereof, a support having a downwardly sloping end removably secured upon said lug, a rail engaging element pivoted to said support and means for operating said track bar.

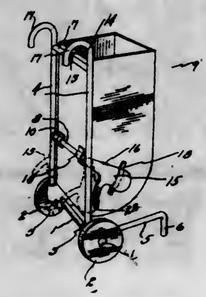
1,572,478. PROCESS FOR RECLAIMING USED PAPER. GRANT HAMMOND, New Haven, Conn. Filed Mar. 12, 1925. Serial No. 15,146. 3 Claims. (Cl. 92—3.)

1. A process for reclaiming paper having a pigment applied thereto which comprises beating the paper at a temperature below 110° F. approximately, treating it with a caustic alkali during beating and mixing an alkali acid sulfite with the resulting pulp at substantially room temperature.

1,572,479. COMPOSITION OF INGREDIENTS AND PROCESS FOR DEINKING PAPER. GRANT HAMMOND, New Haven, Conn. Filed May 24, 1922. Serial No. 563,381. 10 Claims. (Cl. 92—9.)

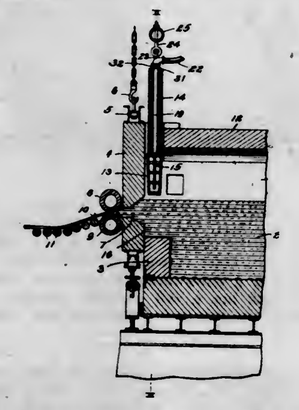
2. A composition for de-inking paper including a saponaceous ingredient and an ingredient of the glucose series all combined with water.

1,572,480. ASH RECEPTACLE. WILLIAM C. HISLOP, Detroit, Mich. Filed Apr. 25, 1925. Serial No. 25,805. 4 Claims. (Cl. 280—53.)



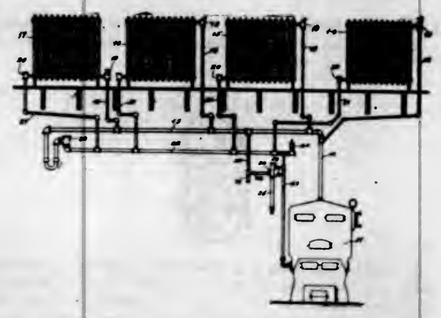
2. An ash receptacle comprising a frame, a pair of wheels on which the frame is mounted, a pair of legs extending from the frame and adapted to support the frame in a vertical position, a receptacle pivotally mounted on the frame and adapted to be turned on its pivot within the frame, a pair of dogs normally extending from the side of the frame and pivotally mounted on the frame, means on the receptacle whereby the dogs are moved out of position upon turning of the receptacle from dumping position to upright position, and means for securing the receptacle in the upright position.

1,572,481. GATE FOR GLASS TANKS. HALBERT K. HITCHCOCK, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed Feb. 16, 1924. Serial No. 693,248. 7 Claims. (Cl. 49—55)



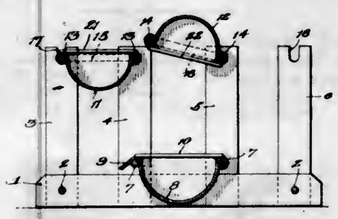
1. The combination with a melting tank having an outlet at its forward end, of a gate mounted for vertical movement through the top of the tank, and adapted when lowered to cut off the flow of glass to said outlet, said gate comprising a lower water cooled portion and a portion of refractory material lying thereabove.

1,572,482. VAPOR HEATING SYSTEM WITH DIFFERENTIAL LOOPS. GEORGE D. HOFFMAN, Pasadena, Calif., assignor to Hoffman Specialty Company, Waterbury, Conn., a Corporation of Illinois. Filed July 9, 1918, Serial No. 244,103. Renewed Sept. 24, 1925. 12 Claims. (Cl. 237—67.)



1. A heating system comprising a boiler, a heating element, steam and return lines between the boiler and heating element, a blow over device having an inlet connected to the boiler and an outlet connected to the return line, and containing a sealing medium adapted to oppose continuous yielding resistance of limited maximum force to the flow of steam from said inlet to said outlet, and a thermostatically controlled vent valve in communication with the return line and with the outlet side of said device, said thermostatically controlled valve being located in close proximity to said outlet.

1,572,483. FEED TROUGH. JOHN HOIER, Dell Rapids, S. Dak. Filed Apr. 22, 1924. Serial No. 708,161. 6 Claims. (Cl. 119—52.)

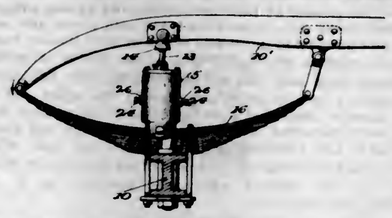


4. In a feeding device, a frame, a central feed trough carried by the frame, a pair of supperposed hoppers arranged on opposite sides of the central trough, and substantially U-shaped frames for the hoppers having their inner sides journaled in the frame and their outer sides removably supported in the frame whereby to allow the hoppers to be swung inwardly to dump their contents into the central trough.

1,572,484. SHOCK ABSORBER. FRANK T. HOMAR, Tucson, Ariz. Filed Nov. 28, 1923. Serial No. 677,505 1 Claim. (Cl. 188—88.)

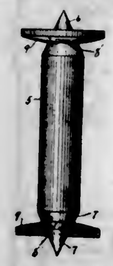
A shock absorber for motor vehicles comprising a cylindrical casing adapted for the reception of a quantity of liquid, a piston mounted for movement in said casing, a piston rod extending from said piston and having a substantially liquid tight connection with the casing, means whereby the free end of said piston rod may be universally connected with a vehicle frame, a head connected to said casing having an opening receiving said piston rod, means whereby the lower end of the casing may be hingedly connected to the axle of the vehicle,

said casing provided at opposite sides with longitudinally extending by-passes having lateral branches communicating with the upper and lower end portions of the



casing, and a hand operated screw bolt threaded into each of said by-passes midway the upper and lower ends thereof and controlling the flow of liquid therethrough.

1,572,485. TIMEPIECE. ERNEST H. HORN, Waterbury, Conn., assignor to Waterbury Clock Co., Waterbury, Conn., a Corporation. Filed Aug. 27, 1925. Serial No. 52,723. 2 Claims. (Cl. 58—140.)



1. A balance staff for time-pieces having tapering ends and concave disks applied to the ends of the staff.

1,572,486. WINDOW SASH. JESSE R. HOWARD, Beloit, Wis. Filed Oct. 17, 1925. Serial No. 63,020. 3 Claims. (Cl. 20—52.)



1. A window sash comprising a unitary member adapted to be set in the window casing and having a stationary upper panel, a slidable lower panel, said panels having glass panes, and a screen detachably secured outside of said lower panel, said screen and upper panel having interengaging fastening means.

1,572,487. ALUMINUM-COPPER ALLOY. ZAY JEFFRIES, Shaker Heights, and ROBERT S. ARCHER, Lakewood, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa., a Corporation of Pennsylvania. Original application filed Jan. 4, 1921, Serial No. 435,024. Divided and this application filed Apr. 29, 1924. Serial No. 709,748. 34 Claims. (Cl. 148—11.)

1. In the art of making aluminum-alloy castings, the method comprising preparing an aluminum alloy containing between about 3 and 5.5 per cent of copper, casting the alloy, heating the masting to a temperature of about 500° to 540° C. for at least about 7 hours, and cooling the casting.

1,572,488. ALUMINUM-SILICON ALLOY. ZAY JEFFRIES, Shaker Heights, and ROBERT S. ARCHER, Lakewood, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa., a Corporation of Pennsylvania. Original application filed Jan. 4, 1921, Serial No. 435,024. Divided and this application filed Apr. 29, 1924. Serial No. 709,749. 18 Claims. (Cl. 148—11.)

1. In the art of making aluminum alloy castings, the method comprising preparing an alloy containing substantial amounts of silicon and zinc, casting the alloy, heating the casting to a temperature slightly below the melting point of the eutectic, and maintaining such temperature until the silicon particles have been sufficiently altered to materially improve the physical properties of the cast alloy.

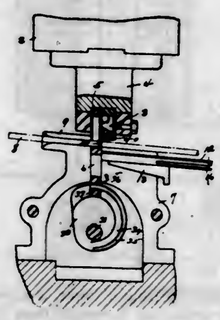
1,572,489. ALUMINUM ALLOY. RODERICK L. JOHNSTON, New York, N. Y., ROBERT S. ARCHER, East Cleveland, and ZAY JEFFRIES, Cleveland Heights, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Nov. 27, 1920. Serial No. 426,793. 12 Claims. (Cl. 75—1.)

1. An alloy composed chiefly of aluminum containing a substantial amount of silicon and substantial amounts of copper and zinc.

1,572,490. ALUMINUM ALLOY. RODERICK L. JOHNSTON, Plainfield, N. J., ROBERT S. ARCHER, Lakewood, and ZAY JEFFRIES, Shaker Heights, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa., a Corporation of Pennsylvania. Original application filed Nov. 27, 1920, Serial No. 426,793. Divided and this application filed Feb. 11, 1925. Serial No. 8,517. 7 Claims. (Cl. 75—1.)

1. An alloy composed chiefly of aluminum, containing, approximately, silicon 8 per cent, zinc 10 per cent, and copper 2.5 per cent.

1,572,491. WIRE-MESH MACHINE. THOMAS H. KANE, Youngstown, Ohio, assignor to Truscon Steel Company, a Corporation of Michigan. Filed July 3, 1922. Serial No. 572,512. 1 Claim. (Cl. 140—11.)



A machine for making wire fabric comprising a lower feed roll, a plurality of upper feed rolls for advancing longitudinal wires, a plurality of lower reciprocating dies,

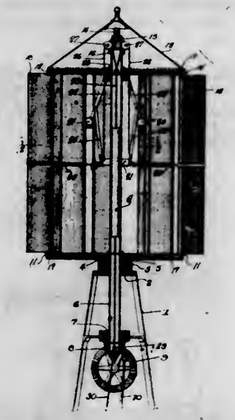
cams for reciprocating said dies, a slotted opening in each die, a recess in each of said dies around said slotted opening, a plurality of reciprocating upper dies, a recess back of each upper die for the clearance of each lower die, staple magazines for automatically feeding staples into the recess of each lower die, means for the co-action of the upper and lower dies forming ends of staples around a cross wire, substantially as described for the purpose set forth.

1,572,492. SANITARY-CONTAINER CONSTRUCTION. PHILIP KEMPTER, Milwaukee, Wis., assignor to Geuder, Paeschke and Frey Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Feb. 20, 1925. Serial No. 10,480. 1 Claim. (Cl. 220—74.)



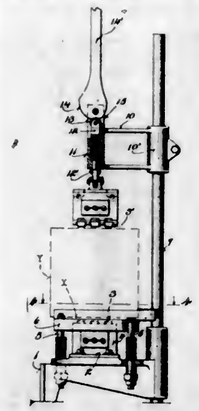
A sheet metal open top container adapted particularly to contain liquids, comprising a single blank of sheet metal shaped to constitute a one-piece conical side wall body, an annular reinforcing rod arranged at the large end of said body and upon the exterior thereof, the said end of said body being shaped outwardly around said rod throughout the circumference of the body and engaging with said rod, the outer extremity of said engaging portion being brought tight against the exterior conical surface of said body and providing a relatively broad flange extending entirely around and in tight engagement with the body, said flange being brazed, welded or soldered to said body throughout its entire breadth and circumference, the distance of said flange below the top of the container and the degree of conicity of the container wall being such as to require forcible crimping of the flange against the container wall and continuous welding, brazing or soldering to obtain a hermetically sealed joint.

1,572,493. WINDMILL. WILLIAM J. KLECKER, Watertown, Wis. Filed Apr. 21, 1924. Serial No. 707,956. 1 Claim. (Cl. 170—33.)



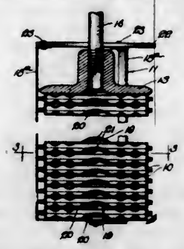
A windmill comprising a tower, a tubular shaft carried thereby and projecting upwardly from the upper end of said tower, a pair of spiders carried by said shaft, a plurality of wings having their inner ends pivotally joined to said spiders, rods extending inwardly from the free ends of said wings, a ring surrounding said shaft and connected to said rods, governor mechanism carried by said shaft said governor mechanism comprising levers pivoted at their upper ends and having weights at their lower ends, links connecting said levers and said ring and adapted to move said ring vertically thereby varying the angular seating of said wings, cables extending upwardly from said ring and downwardly into said tubular shaft, a pair of pulleys carried by the upper end of said tubular shaft and over which said cables pass and manually controlled means extending through said tubular shaft and connected to said cables, said rods being approximately horizontal and said links and levers being approximately vertical when said governor is in its slowest speed position.

1,572,494. PRESSURE BRANDING MACHINE. WILLIAM C. KRAUSE, Milwaukee, Wis. Filed June 27, 1924. Serial No. 722,733. 1 Claim. (Cl. 101—27.)



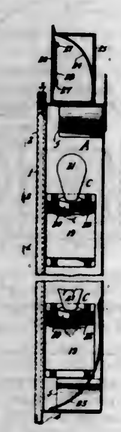
A branding machine comprising a bed plate, a post extending upwardly therefrom, a bracket adjustably carried by said post, an electrically heated branding platen movably supported by said bracket, a spring urging said platen upwardly, means for depressing said movable platen, a stationary electrically heated branding platen rigidly carried by said bed plate, a skeleton frame positioned above said stationary platen for supporting the work, and springs yieldingly supporting said frame.

1,572,495. REGULATING DEVICE. JOHN M. LARSON, Chicago, Ill., assignor to National Regulator Company, Chicago, Ill., a Corporation of Illinois. Filed June 15, 1923. Serial No. 645,620. 5 Claims. (Cl. 297—4.)



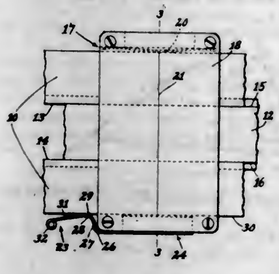
1. A heat controlled actuating device comprising a cage and a plurality of superposed, unconnected non-communicating expansible cells in said cage, said cage comprising a plurality of longitudinally extending spring bars embracing said cells and yieldable laterally to permit the removal of the cells from said cage.

1,572,496. SIGN. SIMON LIBROS, Cynwyd, Pa., assignor of one-half to Oscar Libros, Philadelphia, Pa. Filed Nov. 26, 1924. Serial No. 752,308. 7 Claims. (Cl. 40—133.)



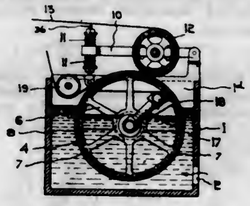
2. A display sign comprising a sheet metal casing having a back, a top wall, a bottom wall, and a side wall equal in width to the width of the top and bottom walls, a front panel having an open central portion slidably mounted upon said top and bottom walls, guide-ways upon the inner face of the front panel, a narrow side wall forming part of said casing forming an opening between said narrow wall and the front panel through which said guide-ways may pass, a plate forming a shutter slidably mounted upon said narrow wall adapted to abut against the inner face of the front panel and close said opening between said narrow wall and said panel, a slide having display characters thereon removably mounted in said guide-ways, and illuminating means within said casing.

1,572,497. CURSOR SHIFTER FOR SLIDE RULES. HAROLD A. MCCARTER, Los Angeles, Calif. Filed June 20, 1925. Serial No. 38,575. 3 Claims. (Cl. 235—70.)



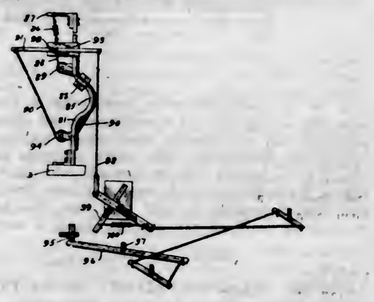
2. A cursor shifter comprising a spring lever terminating in a thumb hold at one end, a resilient clamp at the other end adapted for attachment to one end of a cursor on a slide rule, said spring lever having a compound bend between said thumb hold and said clamp whereby said spring lever is brought into engagement with one edge of a slide rule with the lever arm extending at an angle therefrom.

1,572,498. PAPER-MAKING MACHINE. GORDON F. MCCLAY and HARRY V. HAIGHT, Sherbrooke, Quebec, Canada, assignors to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed May 12, 1921. Serial No. 469,080. 13 Claims. (Cl. 92—43.)



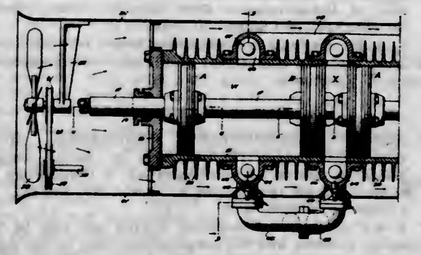
1. In a wet machine the combination of a rotary cylinder mold, an internal spray, a couch roll and means for adjustably supporting said couch roll independently of the cylinder mold whereby part or all of its weight may be removed from the cylinder mold.

1,572,499. BEET TOPPER. ANDREW A. MATHESON, Shoshoni, Wyo., assignor to Andrew A. Matheson, Denver, Colo., A. C. Allen, Riverton, Wyo., and Edward Merriam, Moneta, Wyo., trustees of The Matheson Beet Harvester Syndicate, a Common Law Trust. Filed Jan. 28, 1924. Serial No. 688,971. 7 Claims. (Cl. 146—85.)



1. A topping device for beet harvesters, comprising, in combination, a pair of rollers mounted to rotate about substantially parallel, horizontal axes, means for introducing beet tops between said rollers, said means comprising a conveyor belt, a knife, and means for moving said knife up and down in front of said rollers at predetermined intervals.

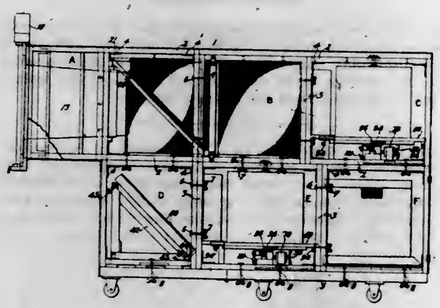
1,572,500. ENGINE. VIRGIL W. MORAY, New York, N. Y. Filed Oct. 16, 1922. Serial No. 594,747. 3 Claims. (Cl. 123—51.)



3. An engine comprising a cylinder; a crank shaft having oppositely extended cranks; a plurality of pistons reciprocatively mounted in said cylinder in paired rela-

tion; a plurality of relatively slidable piston rods, semicircular in cross section with their flat faces abutting, extending axially of the cylinder through said pistons and each operatively connected with one of said cranks and one of said pistons, and means for introducing and exhausting a power producing medium between said pistons for effecting movement thereof simultaneously in opposite directions.

1,572,501. EXHIBITION DEVICE. ALFRED E. OSWALD, Bogota, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Jan. 25, 1921. Serial No. 439,775. 72 Claims. (Cl. 88—1.)



1. In an exhibition-device comprising a front sight-tube, the combination of a rotatable upper object-bearing platform and a rotatable lower object-bearing platform alternately displayable, said upper platform being positioned to be viewed directly through said sight-tube, and means for reflecting said lower platform first upwardly and then forwardly to said sight-tube, the lower platform being mounted for rotation about a vertical axis.

1,572,502. ALUMINUM ALLOY. ALADAR PACZ, Cleveland, Ohio, assignor, by mesne assignments, to Aluminum Company of America, a Corporation of Pennsylvania. Filed Sept. 12, 1919. Serial No. 323,350. 3 Claims. (Cl. 75—1.)

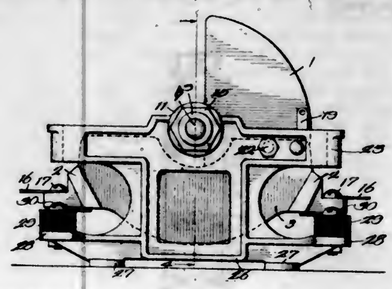
1. An alloy consisting of aluminum, copper and silicon in the proportion substantially of 70 parts by weight of aluminum, to 15 to 27½ parts of copper and 2½ to 15 parts of silicon.

1,572,503. COMPOSITION OF MATTER. ALADAR PACZ, Cleveland Heights, Ohio, assignor, by mesne assignments, to Aluminum Company of America, a Corporation of Pennsylvania. Filed May 31, 1921. Serial No. 473,825. 5 Claims. (Cl. 75—1.)

1. A die casting alloy containing nickel between about 2½ per cent and 10 per cent of silicon, and a preponderance of aluminum.

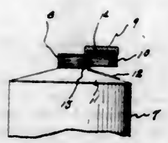
1,572,504. ELECTROSTATIC CONDENSER. HUGO PERLMAN, Chicago, Ill., assignor, by mesne assignments, to Zenith Radio Corporation, a Corporation of Illinois. Filed Oct. 22, 1924. Serial No. 745,157. 6 Claims. (Cl. 250—41.)

1. An electrostatic condenser having one side in the form of a stator and its complemental side in the form of a rotor, in combination with a cast metal frame having a sleeve element cast integrally with one side of the frame; a sleeve element assembled with the opposite side of the frame; bearings assembled with the said sleeve elements, the rotor being mounted in said bearings that are positioned to enable the rotor to turn in the



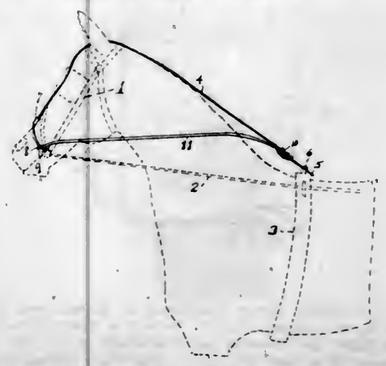
space surrounded by the frame; and a mounting of insulation assembled with the frame and carrying the stator in register with said space.

1,572,505. SCREW-CAP RETAINER AND GUIDE. JOHN D. RAYMOND, Detroit, Mich. Filed Mar. 2, 1925. Serial No. 12,470. 4 Claims. (Cl. 220—39.)



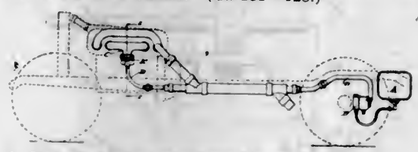
1. In combination with a container having an exteriorly threaded neck and provided with an interiorly threaded cap for threading on said neck as a closure, a guide and retainer for said cap projecting in close proximity to said neck adapted for guiding said cap upon its initial positioning on said neck for a closure and adapted for engaging the side walls of said cap and clamping the same against the exterior of said neck for retaining said cap in fixed relation on said neck when in inoperative position as a closure on said neck.

1,572,506. CONTROLLING REIN. ULYSSES SAMUEL RENNE, Fort Calhoun, Nebr. Filed Apr. 6, 1925. Serial No. 21,068. 3 Claims. (Cl. 54—1.)



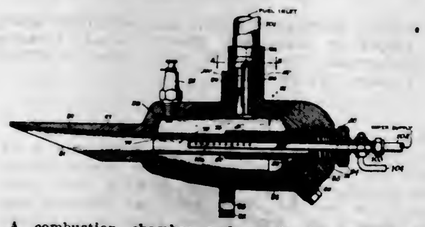
3. A controlling device for harness horses comprising an over-check, a bit provided with rings at its ends, and controlling reins extending from the front end of the over-check through said rings of the bit to the rear end of said over-check and slidable in said rings, the connection between the rear ends of the controlling reins and of the over-check being adjustable so that either controlling rein may be tightened.

1,572,507. AIR VALVE FOR FUEL-MIXTURE CONDUITS. FLORENT E. ROBERT, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed Feb. 11, 1924. Serial No. 691,936. 6 Claims. (Cl. 251—128.)



1. In a fuel mixture forming and feeding system, in combination with a fuel mixture conduit which leads from a source of air and fuel to an engine intake, an air inlet valve device which comprises an inlet port member having a piston valve seat and a piston valve mounted for entering and traveling limitedly in said seat and withdrawing wholly therefrom at the end of limited withdrawal movement, means yieldingly resisting the opening of the valve, and a dash pot device connected with the valve for retarding the movements thereof.

1,572,508. INTERNAL-COMBUSTION ENGINE. FRED SCHMIDT, Chicago, Ill., assignor, by direct and mesne assignments, to Major Engineering Corporation, a Corporation of Illinois. Filed Mar. 17, 1921. Serial No. 453,109. 1 Claim. (Cl. 60—46.)

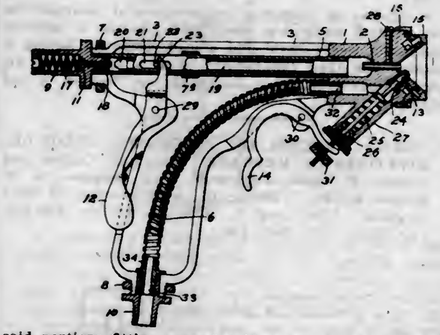


A combustion chamber and nozzle for turbine gas engines comprising a bottle-like casing having a nozzle opening thru a port into a combustion chamber in the casing; a hollow tubular valve to close the port, extending axially thru the chamber and having a piston on its outer end axially movable in a cylinder therefor, provided in the casing; an adjustable spring to yieldingly hold the valve normally seated on said port but permitting the valve to open the port by pressure generated by the explosion of gases within the casing and a pipe within the tubular valve, whereby to introduce water therein by the suction effect produced by the heated gases thru said port.

1,572,509. PNEUMATIC PAINTBRUSH. FREDERICK W. SCHNEIDER, Baltimore, Md., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed Mar. 23, 1923. Serial No. 627,118. 8 Claims. (Cl. 91—45.)

1. In combination in a pneumatic air brush having a body portion, a paint nozzle and an air nozzle arranged in operative relation, supply passages leading to the nozzles, and valves for controlling said passages, of a pistol grip for the body portion, and a pair of triggers for operating the valves, one of such triggers extending along the back of the grip, and operable by the pressure of the palm or base of the hand of the operator, and the other lying forward of the grip and operable by the pull of one or more of the fingers of such hand.

4. In combination in a pneumatic air brush, of a discharge head carrying air and paint nozzles, supply tubes leading rearwardly from said head, a pair of similar side plates fitting over and enclosing said tubes and including rear extension portions and grip portions, opposing semi-cylindrical threaded parts at the ends of



said portions fitting around said supply tubes, clamping nuts on said threaded parts for securing the tubes and side plates in assembled relation, valves for controlling the flow through the tubes, and a pair of triggers for controlling the flow through said tubes mounted between the side plates, the said supply tubes being detachably secured to said head.

1,572,510. DESTRUCTIVE DISTILLATION. FREDERICK C. ATKINSON, Indianapolis, Ind., assignor to John W. Garland, Inc., Pittsburgh, Pa. Filed Aug. 20, 1919. Serial No. 318,750. 6 Claims. (Cl. 203—6.)

1. A process of producing a creosote which includes crushing corn cobs, extracting and then drying the same, destructively distilling said corn cobs in a closed retort at a high temperature, collecting the distillate, separating the oily constituent from the balance of the distillate and redistilling the said oil constituent.

1,572,511. SEPARABLE CUFF BUTTON. BENJAMIN F. BAKER, St. Stephen, New Brunswick, Canada. Filed July 8, 1925. Serial No. 42,282. 6 Claims. (Cl. 24—110.)

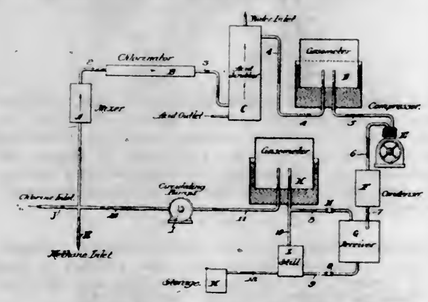


1. A button comprising separable sections, each including inner and outer heads and a shank connecting said heads, one section having its shank and outer head hollow and its shank communicating with the hollow head and opening through the inner head and at its outer end provided with recesses extending radially into the inner head and constituting pivot seats, jaws disposed longitudinally in said hollow shank and at their outer ends provided with pivot pins fitted in said seats and mounting the jaws for swinging movement and out of gripping position, the free ends of said jaws being extended into said hollow head, a spring in said hollow head provided with arms extending substantially radially of the head towards the free ends of said jaws and engaged therewith to yieldably retain the jaws in a gripping position, a plunger disposed axially of the hollow head and engageable with the free ends of said arms to move the arms to a releasing position when pressed inwardly, and a stem extending from the inner head of the other section and adapted to be inserted between said jaws and gripped thereby to retain the sections in engagement with each other.

1,572,512. COMPOSITION FOR STORAGE-BATTERY POSITIVE ELECTRODES AND PROCESS OF MAKING SAME. RAYMOND C. BENNER, Bayside, N. Y., assignor to The Prest-O-Lite Company, Inc., New York, N. Y., a Corporation of New York. Filed Nov. 6, 1923. Serial No. 673,206. 9 Claims. (Cl. 136—26.)

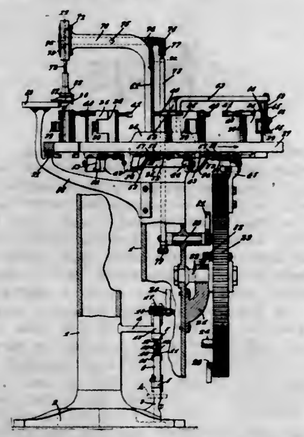
1. Process of preparing active material compositions for positive electrodes, comprising treating a mixture containing lead peroxid and a lead compound having a density less than the peroxid, with a solution of an alkali, whereby bonding compounds are formed in the mixture.

1,572,513. PROCESS OF PRODUCING CHLOR-DERIVATIVES OF METHANE. CARNIE B. CARTER and ALBERT E. COXE, Pittsburgh, Pa., assignors to S. Karpen & Bros., Chicago, Ill., a Corporation of West Virginia. Filed Aug. 9, 1923. Serial No. 656,487. 11 Claims. (Cl. 260—166.)



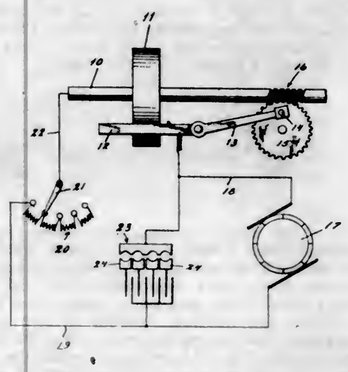
1. The process of producing the higher chlorination products of methane which comprises passing a mixture comprising methyl chloride, methane and chlorine through a reaction chamber maintained at elevated temperature, the methyl chloride and chlorine being present in approximately equal volumes.

1,572,514. CAN MACHINE. THOMAS F. CASEY, Washington, D. C. Filed July 2, 1925. Serial No. 41,158. 15 Claims. (Cl. 113—24.)



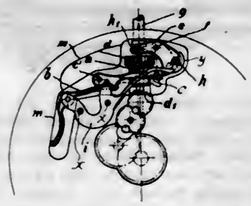
1. The combination with a movable table, of cooperating fixed and movable jaws thereon constituting can gripping means, a tripping element, means projecting from the movable jaw for engagement with the tripping element to shift said jaw and release a gripped can.

1,572,515. METHOD OF ROUGHENING GRINDING WHEELS. MONROE S. CLAWSON, Upper Montclair, N. J. Filed Aug. 8, 1922. Serial No. 580,412. 1 Claim. (Cl. 219—1.)



The process of roughening a rotating grinding wheel of conducting material consisting in rubbing thereagainst transversely of the periphery thereof a conducting element, the grinding wheel and the conducting element being connected in series with a source of current.

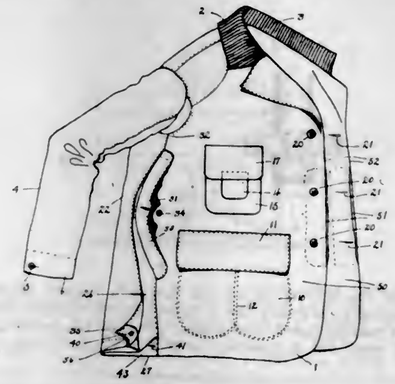
1,572,516. WINDING-UP AND HAND-SETTING MECHANISM IN WATCHES. HENRI COLOMB, Tavannes, Switzerland. Filed Dec. 23, 1924. Serial No. 757,707. 1 Claim. (Cl. 58—63.)



In a watch winding and setting mechanism, a movement plate, a double armed lever pivotally mounted on said plate and provided at its opposite ends with projecting pins, and means connected to said plate for attaching a spring to the latter to engage either one of said pins, for either a positive or negative type of winding and setting mechanism.

1,572,517. SPORTSMAN'S HUNTING COAT. WILLIAM E. CONOVER and BERT D. BUSH, Utica, N. Y., assignors to Utica Duxbak Corporation, Utica, N. Y., a Corporation of New York. Filed July 8, 1925. Serial No. 42,283. 2 Claims. (Cl. 2—94.)

1. In a sportsman's hunting coat, a piece of fabric forming a back portion, another piece of fabric completely covering said first named piece of fabric, other pieces of fabric sewed along the sides and bottom of the second named piece to form a bellows, whereby to enlarge the capacity of said pocket, said second and third named pieces of fabric adapted to be folded, whereby the second named piece of fabric will present the appearance



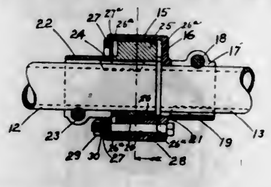
of the back of the coat, and detachable means to secure said second named piece of fabric to the first named piece of fabric.

1,572,518. SAFETY CATCH. ALBERT CROCE, Memphis, Tenn. Filed Oct. 6, 1925. Serial No. 60,859. 2 Claims. (Cl. 24—157.)



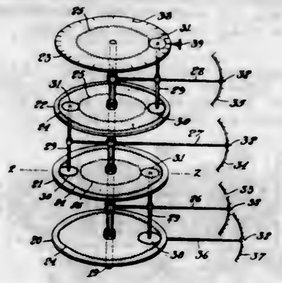
1. As a new article of manufacture, a safety catch for a pin comprising a hook embodying a shank, attaching means therefor, and a bill, said bill being formed with a groove, a latch pivotally connected with said attaching means and having its free end portion adapted to be seated in said groove, and a keeper pivotally connected to said attachment means and adapted to be connected with the free end portion of said latch for preventing accidental displacement of the same.

1,572,519. VIBRATION-ABSORBING MEANS FOR STEERING GEARS FOR MOTOR VEHICLES. FRANCIS WRIGHT DAVIS, Waltham, Mass. Filed Sept. 24, 1923. Serial No. 664,647. 6 Claims. (Cl. 74—79.)



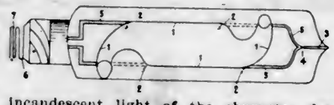
1. A steering gear for motor vehicles, comprising a two-part steering wheel shaft composed of a lower section subjected to the usual road and engine vibrations of the vehicle, and an upper section carrying a steering wheel; and a vibration-absorbing coupling connecting said sections, and including means for transmitting rotary motion from the upper to the lower section, and for absorbing vibrations imparted to the lower section.

1,572,520. CALCULATING APPARATUS. PER ERIK FAGERHOLM, Stockholm, Sweden. Filed Mar. 18, 1925. Serial No. 16,553. 1 Claim. (Cl. 235—61.)



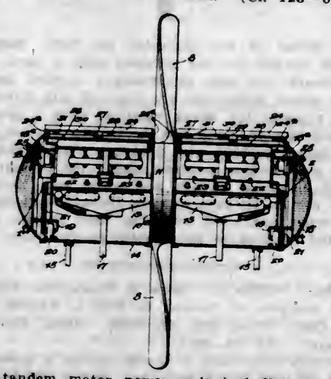
A calculating apparatus of the type set forth, comprising movable index members and function scales, with which said index members co-operate, and a result indicating member, said index members and said result indicating member being connected to each other by means of toothed gearings, one or more of the gear wheels belonging to said gearing and the movements of which depend individually on the movements of said index members being, on adjusting said latter members, put not only in a rotary motion but simultaneously in a translatory motion.

1,572,521. ELECTRIC INCANDESCENT LAMP FOR ADVERTISING PURPOSES. OTTO FEHLER, Berlin-Steglitz, Germany. Filed Aug. 29, 1921. Serial No. 496,645. 2 Claims. (Cl. 176—14.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



1. An incandescent light of the character described, comprising a vacuum globe, an insulated support located within the globe, means outlining the figures to be illuminated carried by said support, hooks upon said outlining means and a spirally wound filament supported by said hooks, said support being connected at one end to the cap of the globe and at its other end having resilient connection with said globe.

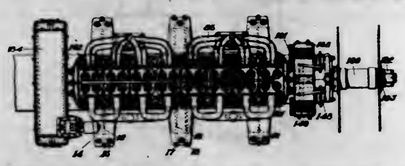
1,572,522. TANDEM MOTOR POWER UNIT. THOMAS M. FINLEY, St. Louis, Mo. Filed Sept. 28, 1918. Serial No. 256,035. 17 Claims. (Cl. 123—52.)



1. A tandem motor power unit including spaced engine sections having longitudinally alined crank shafts provided with side plates or flanges, and a propeller

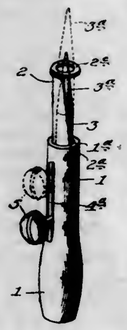
located between the engine sections and adapted to take the power from the power unit centrally thereof and comprising blades, a fly wheel rim and spokes, said blades and spokes being clamped between the side plates or flanges and the shafts having relative longitudinal movement to clamp and release the blades.

1,572,523. ENGINE. THOMAS MILTON FINLEY and ALLEN W. BROWN, St. Louis, Mo. Filed Jan. 14, 1920. Serial No. 351,346. 8 Claims. (Cl. 123—59.)



1. A motor power unit including front and rear engine sections having separate aligned crank shafts, means for rigidly securing the inner ends of the crank shafts together to provide a single continuous crank shaft and to form a single unitary engine structure, and means located below one of the said crank shafts and contained within the front engine section for taking the power of the unit from the inner connected ends of the crank shafts to divide the torque of the single continuous crank shaft and transmit the power to the outer end of the front engine section.

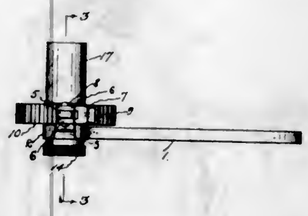
1,572,524. EMBROIDERY STILETTO. JOHN L. FLANNERY, Chicago, Ill., assignor to The Boye Needle Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 21, 1925. Serial No. 17,250. 2 Claims. (Cl. 164—119.)



1. A device of the character set forth, comprising a handle having one end provided with a bore, a combined sheath and gage comprising a member having a tubular shank fitted into the bore of said handle and having a projecting shank equipped with a transverse ring, said tubular shank and the tubular portion of said handle being provided with a slot, a pointed shaft having its base portion received within the tubular shank of said combined sheath and gage and having its pointed portion adapted to work through said ring, and a set screw connected with the base portion of said shaft and adapted to be adjusted in said slot.

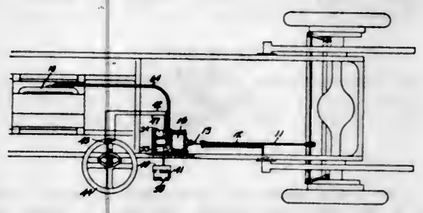
1,572,525. WRENCH. JOHN A. FRAMPTON, Columbus, Ohio, assignor of one-half to Nihl L. Parker, Columbus, Ohio. Filed Mar. 25, 1925. Serial No. 18,268. 1 Claim. (Cl. 81—63.)

A wrench comprising a handle having a laterally extending bearing sleeve upon one end, a ratchet wheel having an annular groove formed in one side thereof and a resultant hub for rotatable engagement within the bearing sleeve, an extension on the hub, a nut engageable with the extension and with the sleeve for holding the sleeve within the groove, a post rising



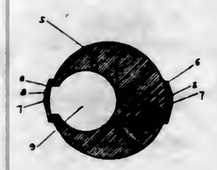
from the bearing sleeve and having a lateral shoulder adapted to overhang the periphery of the ratchet wheel and bearing sleeve, and a pawl pivotally connected with the post for engagement with the ratchet wheel.

1,572,526. VACUUM BRAKE. NORMAN H. GILMAN, Indianapolis, Ind., assignor to Carl G. Fisher and James A. Allison, both of Miami, Fla. Filed Mar. 16, 1925. Serial No. 16,033. 14 Claims. (Cl. 303—20.)



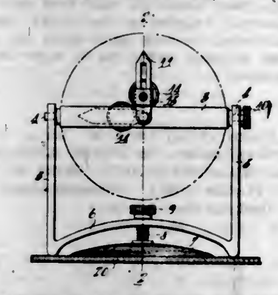
1. In an automobile, braking means, vacuum operating means therefor connected to the intake manifold, electrical controlling means for the operating means including a circuit closer, and connections for manually actuating the circuit closer to cause either service or emergency application of the braking means, substantially as set forth.

1,572,527. GOLF PRACTICE BALL. WILLIAM J. GOLDSWORTHY, San Francisco, Calif. Filed Dec. 27, 1923. Serial No. 682,874. 20 Claims. (Cl. 273—35.)



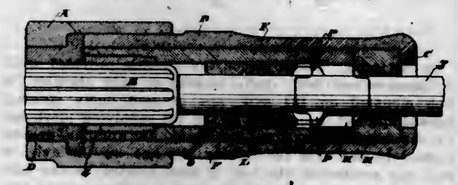
1. In a golf practice ball, in combination, a ball, a hollow removed section of the structure of the ball extending inwardly of the ball and including a portion of the surface of the ball, a perforable sheet member bridging and overlapping the said hollow and a means holding the said perforable sheet member to the ball.

1,572,528. AZIMUTH READER FOR MAGNETIC COMPASSES. CHARLES G. GUY, Vancouver, British Columbia, Canada. Filed Mar. 25, 1925. Serial No. 18,320. 4 Claims. (Cl. 33—72.)



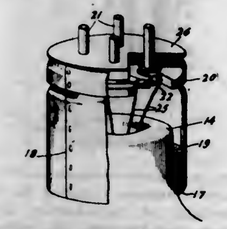
1. An azimuth reader of the class described, comprising in combination, a lens, a trunnioned frame in which the lens is secured, said frame having a sighting vane and V notch at right angles to the axis of the trunnions, a frame in which the trunnions of the lens frame are mounted, and means for attaching the supporting frame by suction to a plane surface.

1,572,529. CHUCK ASSEMBLY FOR ROCK DRILLS. HARRY V. HAIGHT, Sherbrooke, Quebec, Canada, assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Jan. 22, 1925. Serial No. 3,905. 3 Claims. (Cl. 121—32.)



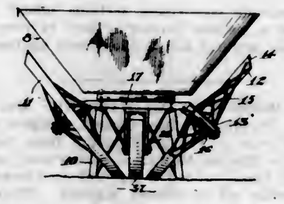
1. A chuck assembly for a rock drill comprising a chuck, a chuck bushing within the chuck to receive the shank of a drill steel, a chuck key having grooves to permit lugs on the drill steel to enter, and a reversible driver interposed between the chuck and chuck key provided with means to engage the lugs on the drill steel, said chuck and chuck key being provided with clutch members and the intermediate driver having cooperating clutch members to transmit rotation from the chuck to the driver and chuck key.

1,572,530. VACUUM TUBE. WILLIAM F. HENDAY, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 28, 1918. Serial No. 268,676. 11 Claims. (Cl. 250—27.)



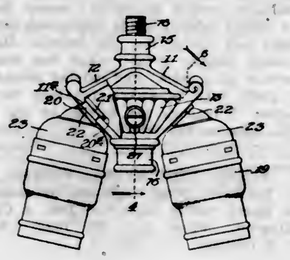
1. A vacuum tube, comprising a metal sleeve surrounding the neck of the tube and secured thereto by means of sealing material placed between said neck and sleeve, and an insulating cap fitted in the end of said sleeve, said cap having openings therethrough for the passage of the electrical connections of the tube and having a peripheral groove, the end of said sleeve being turned inwardly into said groove.

1,572,531. WHEELBARROW. FREDERICK HENKEL, Long Beach, Calif. Filed June 18, 1924. Serial No. 720,760. 2 Claims. (Cl. 280—59.)



1. In a wheelbarrow, a pair of inclined wheels set at an angle to each other so as to approach each other near the ground and spread at the top, and a third wheel arranged to contact the ground on a line extending intermediate the point of contact of the tread portions of said inclined wheels.

1,572,532. ELECTRIC-LAMP-SUPPORTING STRUCTURE. MAX HERSKOVITZ, Chicago, Ill.; William Herskovitz and Charles Weinfeld executors of said Max Herskovitz, deceased. Filed Jan. 5, 1924. Serial No. 684,648. 2 Claims. (Cl. 240—78.)

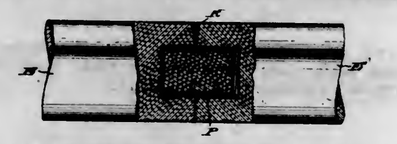


1. A cluster-socket structure comprising a supporting member formed of sections, one of said sections containing openings at the joint between said sections, another of said sections being provided with projections which extend into said openings, and electric sockets having grooved portions rotatably located, in said openings, and confined therein by the projections.

1,572,533. FOOD COMPOUND. HERMAN HEUSER, Evanston, Ill. Filed Aug. 11, 1921. Serial No. 491,522. 4 Claims. (Cl. 99—11.)

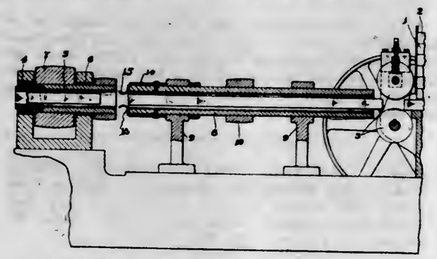
4. The method of preparing a food compound of the nature of cheese which comprises mixing live cell fermentation yeast with curd, reducing the moisture content of the mixture to 30 to 45% and ripening the mixture while excluding air.

1,572,534. SECTIONAL ELECTRODE WITH LOCKED SCREW-THREAD JOINT. ARTHUR T. HINCKLEY, Niagara Falls, N. Y., assignor to National Carbon Company, Inc., a Corporation of New York. Filed Oct. 27, 1923. Serial No. 671,158. 4 Claims. (Cl. 204—64.)



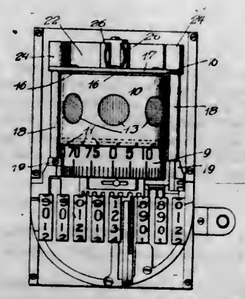
1. An electrode comprising sections joined by screw threads, and a member projecting into cavities in adjacent electrode sections and locking them against relative rotation.

1,572,535. WOOD-TURNING MACHINE. MAUNSELL B. JACKSON, Toronto, Ontario, Canada, assignor of thirty-three per cent to Thomas Cameron Bate, thirty-three per cent to Edward McMahon, twenty-nine per cent to Phillip D. Lyons, and five per cent to Alexander Pierpont Deroche, all of Ottawa, Canada. Filed Feb. 25, 1925. Serial No. 11,462. 9 Claims. (Cl. 142—54.)



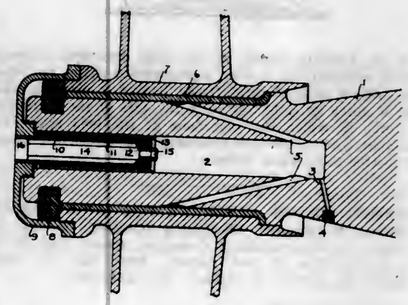
1. In a wood turning machine, the combination of means for forwardly feeding square sticks; a rotary driver of angular section interiorly; means for driving the same; a rotary tubular guide interposed between the feeding means and the driver, the interior diameter of the guide being slightly greater than the diagonals of the cross section of a stick; and driving means whereby the rotary guide may be driven to start the stick in rotation, before it reaches the driver, by the frictional action of the tube on the stick.

1,572,536. SPEED-INDICATING SIGNAL. MAXEY JACKSON, Portland, Oreg., assignor, by mesne assignments, to Motor Safety Indicator, Inc., a Corporation of Washington. Filed Apr. 10, 1922. Serial No. 551,302. 2 Claims. (Cl. 264—1.)



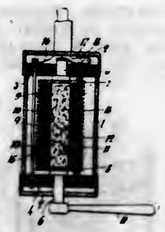
2. In a speed indicator, a revoluble pivoted member of a speed indicating device, a member substantially cylindrical and revoluble therewith, and having differently colored transparent means carried thereby and placed in openings therein, a plate suspended within said member and forming a support for the pivot of the first-named member, the two members being revoluble as one, a second plate from which the said first plate is suspended, means for supporting the upper plate, and spring means resting on said upper plate for engaging and supporting a lamp socket for a bulb within the cylindrical member.

1,572,537. LUBRICATING DEVICE. BRYAN P. JOYCE, Davenport, Iowa, assignor to Thomas A. Conlon, Silver Spring, Md. Filed May 7, 1923. Serial No. 637,241. 1 Claim. (Cl. 308—103.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



A lubricating device embodying an axle provided with a chamber and with ducts leading to said chamber, a hub mounted on the axle, one of said ducts opening beyond the hub to provide means for supplying lubricant to the chamber, a ring seated in an annular groove formed in the axle for locking the hub on the axle, a hub cap secured to the hub, a tube carried by the hub cap and extending into the chamber, a washer within the chamber, a plunger within the tube and secured to the washer and a spring surrounding the tube and tending to force the washer forwardly within the chamber.

1,572,538. RESISTANCE. OLUF KLÆRBYE, Copenhagen, Denmark, assignor to Aktieselskabet Eto Electro-Co., Copenhagen. Filed Feb. 12, 1924. Serial No. 692,412. 2 Claims. (Cl. 201—54.)



1. An adjustable resistance adapted for regulation of the lighting intensity of incandescent lamps and for starting resistances and the like, comprising a support, an element mounted for rotary movement in said support, said rotatable element including annular discs formed of conducting material, spaced elements formed

of insulating material and interposed between the end and intermediate conducting discs, granular carbon arranged within the discs and insulating members, means to clamp the several discs together, a conducting rod extending substantially parallel to the axis of the rotatable element and in spaced relation thereto, and lugs carried by the conducting discs, the several lugs being helically arranged around the rotatable element and adapted, during rotation of the latter to be successively brought into contact with the said rod.

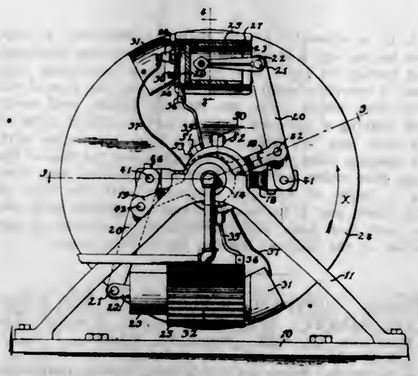
1,572,539. PREPARING AND PRESERVING FIBERS FOR PULP-MAKING PURPOSES. ELBERT C. LATHROP, Philadelphia, Pa., and TREADWAY B. MUNROE, Forest Glen, Md.; said Lathrop assignor to the said Munroe. Filed June 20, 1924. Serial No. 721,364. 6 Claims. (Cl. 92—5.)

3. The process of preserving and treating bagasse and analogous fibers which consists in subjecting said fibers in masses to suitable fermentations for times sufficient to soften the same and to generate heat on the interior of said masses; so piling said masses as will retain the heat on their interiors for a time sufficient to lessen the moisture contents thereof and to substantially sterilize said masses; and preventing sufficient moisture from entering said mass to destroy said sterilization.

1,572,540. METHOD OF PRESERVING FIBERS FOR PULP-MAKING PURPOSES. ELBERT C. LATHROP, Philadelphia, Pa., and TREADWAY B. MUNROE, Forest Glen, Md.; said Lathrop assignor to the said Munroe. Filed June 20, 1924. Serial No. 721,365. 3 Claims. (Cl. 92—5.)

2. The process of preserving green bagasse and analogous fibers from injurious fermentations during storage which consists in wetting a mass of said fibers to substantially its water holding capacity to inhibit the growth of molds and fungi and to promote the growth of lactic acid producing and similar bacteria; and keeping said mass sufficiently wet to maintain a fermentation by said last named bacteria until a desired proportion of the parenchymatous matter present is destroyed.

1,572,541. ROTARY ENGINE. JAMES S. LAWRENCE, Twin Falls, Idaho. Filed May 1, 1924. Serial No. 710,369. 8 Claims. (Cl. 123—43.)



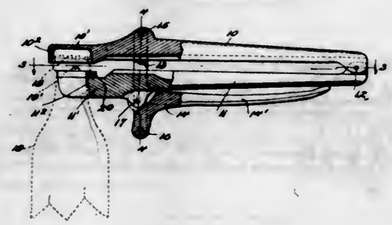
1. In an internal combustion engine, a revoluble member, a working cylinder carried by said member, a stationary bearing for said member, a piston in said working cylinder, a member to rotate therewith and slidable radially thereon mounted on said revoluble member, a rocking lever having pivotal connection at its opposite ends with said piston and said slidable member respectively, a fulcrum element for said rocking lever adapted to rotate with said revoluble member and fixed relative thereto, and means mounted on the stationary bearing to reciprocate said slidable member.

1,572,542. TENNIS RACKET. NELLIE LAWRENCE, Greenwich, near Sydney, New South Wales, Australia. Filed Mar. 16, 1925. Serial No. 16,028. 7 Claims. (Cl. 273—73.)



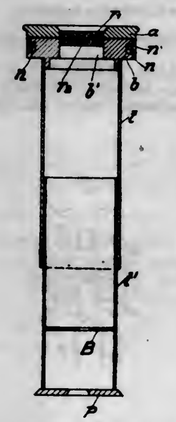
6. Improved means for tensioning the strings of a tennis racket consisting of a series of tensioning devices fitted to the racket frame in spaced relationship, each of said devices comprising a hollow member immovably secured in a hole bored in the frame, a movable screw passed loosely through such member, and a connecting piece for operative engagement with a racket string movable toward and from the hollow member immediately consequent upon the movement of the screw.

1,572,543. BOTTLE-CAPPING DEVICE. ELLSWORTH M. LETTS, Waverly, N. Y., assignor of forty-nine one-hundredths to Charles C. Annabel, Waverly, N. Y. Filed Oct. 11, 1921, Serial No. 506,963. Renewed June 30, 1925. 1 Claim. (Cl. 226—84.)



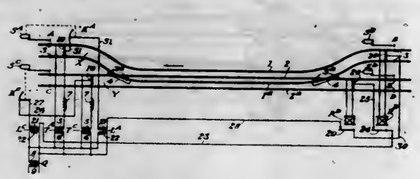
In a bottle capping device, in combination, two substantially parallel main members of equal length having one pair of adjacent ends pivotally connected together and having the free ends provided respectively with bottle and cap holding devices, and means for exerting pressure on said members to bring the bottle and cap holding devices toward each other with a gradually increasing force, in capping a bottle, said means comprising a bell crank lever pivoted to one of said main members on the side opposite the other member, one arm of said lever constituting a handle adapted to be engaged by the fingers of the operator and spaced parallel links pivotally connecting the other arm of said lever to the other of said main members, said links lying on opposite sides of the main members.

1,572,544. PHOTOMETER. HEINRICH LUX, Berlin, Germany. Filed May 1, 1924. Serial No. 710,441. 4 Claims. (Cl. 88—23.)



1. A photometer, comprising, in combination, a pair of superposed transparent plates each having parallel lines ruled thereon, means for turning said plates relatively to each other, a scale indicating the variable relative angular position between said plates, said scale being gauged so that each scale mark indicates a tested brightness.

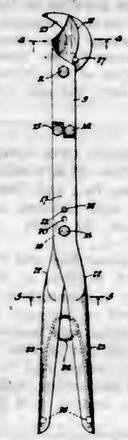
1,572,545. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. RONALD A. MCCANN, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed May 15, 1924. Serial No. 713,453. 20 Claims. (Cl. 246—34.)



1. In combination, two parallel sections of railway track comprising a restricted territory, means for connecting a source of train controlling current across the rails of each section, and means for interrupting the supply of such current to each section when the other section is occupied.

1,572,546. PRUNER. EMERSON MCKENNEY, Newport, Me. Filed May 28, 1923. Serial No. 641,817. 3 Claims. (Cl. 30—11.)

1. In a pruner, the combination of a pair of cutting blade members fulcrumed between their two ends, and a pair of hand operating levers, each having an end pivoted to the end of a blade member, said hand levers each provided with a plurality of fulcrum holes for adjusting the fulcrum of said hand levers, the arrangement being such that the fulcrum of the hand levers is always a greater distance than the fulcrum of the blade



members, from their said end connections, and so that the extensions between said fulcrums will overlap in perfect alinement when the pruner is closed.

1,572,547. CALCULATOR. ROBERT WILLIAM MALLDER, Dubuque, Iowa. Filed Dec. 12, 1922. Serial No. 606,452. 4 Claims. (Cl. 235—84.)

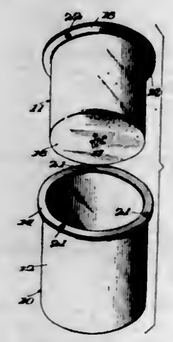


1. In a calculator of the character described, a large disk having one face bearing a table expressing distances, and having its other face bearing table expressing wire sizes, a rotatable small disk fitted against the face of the large disk which bears the distance tables, said small disk bearing a table of amperes and a related table of per cent loss, the ampere table being cooperable with the distance table, a segment fitted against the face of the large disk which bears the table of wire sizes, and bearing a table of voltages cooperable with the table of wire sizes, and a reading indicator cooperable with the per cent loss table and constrained to partake of the motion of the segment bearing the voltage table.

1,572,548. CONVERTIBLE FLOWERPOT AND HANGING BASKET. RUTH E. MATTISON, Montello, Wis. Filed Oct. 26, 1923. Serial No. 671,024. 1 Claim. (Cl. 47—35.)

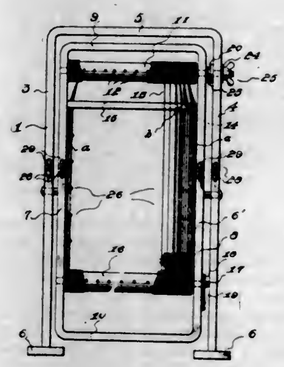
A convertible flower pot and hanging basket constructed of metal and comprising an outer cylindrical vessel having a flat closed bottom and provided with an annular and outwardly extending peripheral flange around the marginal edge of its upper end, and an inner cylindrical vessel rotatably fitted in the outer vessel and having a

substantially closed bottom provided with a plurality of small apertures, said inner vessel being provided with an annular and outwardly extending peripheral flange around the marginal edge of its upper open end, the inner vessel being smaller than the outer vessel, the flange of the inner vessel resting on the flange of the



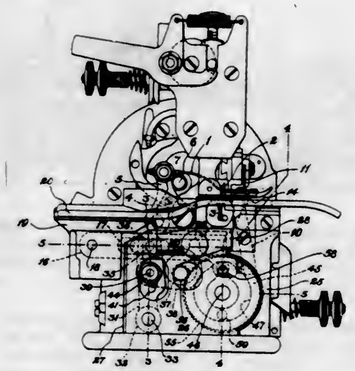
outer vessel to support the inner vessel on the outer vessel with its bottom in spaced relation to the bottom of the outer vessel to define a water space, the flanges having openings adapted to be brought into registration to receive supporting devices whereby a hanging basket is provided, the openings being adapted to be positioned out of registration to provide a flower pot, the flat bottom providing a support for the flower pot.

1,572,549. WEAVING FRAME. EMMA V. MEEHAN, Washington, D. C. Filed Aug. 10, 1925. Serial No. 49,379. 4 Claims. (Cl. 139—34.)



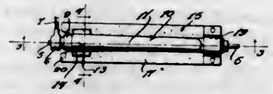
1. A weaving frame for domestic use, comprising a support including side standards, a frame journalled in said standards, a roll journalled in the top of the frame and a roll journalled in the bottom thereof, the journal of one of the rolls being extended beyond the side pieces of the frame, a bracket secured to the standard, and having a slot therein for the reception of said journal, means for securing the journal and thereby the frame in fixed position in the standard, and means for locking the lower roller in fixed position, substantially as and for the purpose set forth.

1,572,550. SHELL-STITCH MACHINE. JOSEPH M. MERROW, Hartford, Conn., assignor to The Merrow Machine Company, Hartford, Conn., a Corporation of Connecticut. Filed Jan. 23, 1923. Serial No. 614,373. 10 Claims. (Cl. 112—116.)



1. In a shell stitch overedging machine comprising stitch-forming mechanism and feeding mechanism associated to form clusters of stitches at successive spaced points on the work, the combination of trimming mechanism comprising cutters operating in consonance with the stitch-forming and feeding mechanisms, located adjacent the feeding and in advance of the stitch forming mechanism, said trimming mechanism having cutting edges of a length no less than the distance between clusters of stitches formed by the stitch-forming and feeding mechanisms.

1,572,551. ELECTRIC HAIR CURLER. JOSEPH J. MERSON, Tacoma, Wash. Filed Jan. 9, 1924. Serial No. 685,285. 6 Claims. (Cl. 219—24.)



2. A hair curling unit comprising a shield of insulating material, having a clip at one end and provided with a slot extending longitudinally thereof from the said clip, a sleeve on which the hair is to be wound, the sleeve being frictionally fitted into the said clip at one end, a clip upon the sleeve at the other end thereof engageable with the said insulating shield, and an electrical resistance element within the sleeve.

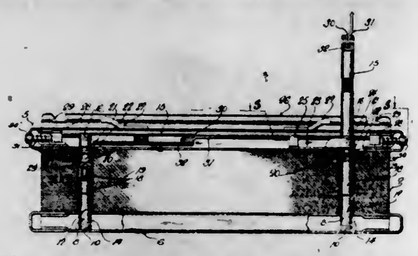
1,572,552. PROCESS FOR OBTAINING PYRROL, PYRROL DERIVATIVES, AND PYROCOLL FROM ANIMAL WASTE. JOSEPH MICHELMAN, Boston, Mass. Filed Nov. 11, 1924. Serial No. 749,341. 10 Claims. (Cl. 260—46.)

1. A process for the production of pyrrols and pyrocoll which comprises subjecting colagenous tissue to destructive distillation out of contact with air, condensing the distillate therefrom, treating the oily fraction of the condensate with a diluent, and filtering.

1,572,553. LOOSE-LEAF BINDER. HENRY C. MILLER, Milwaukee, Wis. Filed Feb. 12, 1925. Serial No. 8,720. 3 Claims. (Cl. 129—1.)

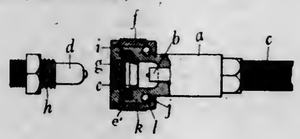
1. A loose leaf binder, comprising a pair of binder heads, a binder post carried by one head and having a

groove therein, the binder post being engageable through a keyhole slot in the other binder head and shifting of said other binder head to engage the groove of the



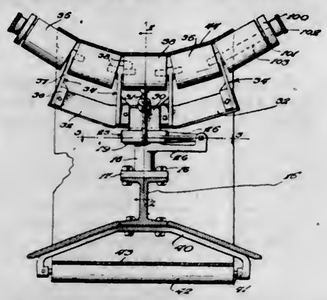
post in the small portion of the key-hole slot locking the binder heads together, and means for applying a tension on the binder post after the binder heads are connected.

1,572,554. COUPLING OR CONNECTING DEVICE FOR LUBRICATING APPARATUS AND FOR LIKE PURPOSES. CHARLES ERIC MILNER, Birmingham, England, assignor to Benton & Stone Limited, Birmingham, England. Filed Feb. 1, 1924. Serial No. 690,027. 1 Claim. (Cl. 284—19.)



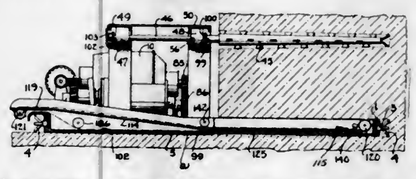
In a coupling device for use with a grease gun and nipple in combination a cylindrical body part, a valve mounted therein, a collar integral with one end of the body part and having the inner surface enlarged to provide a shoulder, a nipple engaging gasket on the shoulder, an annular jamb nut for holding the gasket in position and lying flush with the forward end of the collar, a freely rotatable head mounted externally on said collar, an inward flange at the rear of said head, an annular disc secured to the forward end of the head and provided with a threaded opening for detachable engagement with the nipple, and the head being held against axial movement by the interaction of the flange and disc with the ends of the collar and the body.

1,572,555. MOUNTING FOR CONVEYER BELTS. GUS NELSON, Douglas, Ariz. Filed June 12, 1924. Serial No. 719,638. 4 Claims. (Cl. 198—192.)



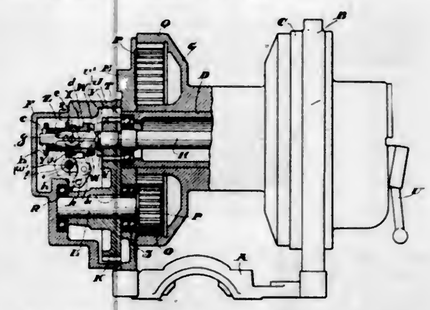
1. In a mounting for conveyer belts, a base, a carrier revolubly mounted on said base, means to limit the movement of said carrier, means for supporting a set of idlers upon said carrier permitting free rotation of each idler, said idlers being arranged to give a trough-shaped cross section to a belt running over the same; said supporting means including standards having journals for said idlers, and a centering device for said belt; said centering device including a counterpoised disc journalled on the standard for the outermost of said idlers and in axial alinement therewith, and a spacing washer inserted between said disc and the adjacent end of the idler.

1,572,556. MINING MACHINE. RICHARD PEALE, St. Benedict, Pa., assignor to Rembrandt Peale, St. Benedict, Pa. Filed Mar. 24, 1921. Serial No. 454,987. 41 Claims. (Cl. 262—9.)



1. A mining machine including in combination means for cutting a bottom horizontal kerf, a rotatable cutter bar nested within said kerf cutting means, means for moving the rotating cutter bar to cut a cooperating kerf, and a conveyor extending from the front to the rear of the machine and having a pusher blade nested within said bottom kerf cutting means.

1,572,557. CLUTCH MECHANISM FOR HOIST CONTROL. ARTHUR E. PETERS, Littleton, Colo., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Mar. 12, 1924. Serial No. 698,603. 2 Claims. (Cl. 192—67.)

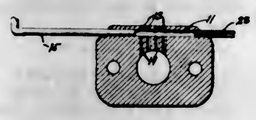


1. In a hoist the combination of a drive shaft, a pinion loosely rotatable on said drive shaft and having a clutch jaw, a movable clutch member driven by the shaft and slidable longitudinally thereon to engage the clutch jaw of the pinion, a collar on the clutch member, a yoke pivoted at one end and at the other end engaging the collar, a link attached to the yoke, an eccentric cooperating with the link, a lever for operating the eccentric, a spring normally tending to hold the clutch member in engagement with the jaw on said pinion and a stop cooperative with the lever behind the dead center position of the eccentric whereby the clutch is held disengaged from the pinion against the force of said spring.

1,572,558. AIR INTAKE. GEORGE A. PREISSER, Denver, Colo. Filed May 31, 1922. Serial No. 564,887. 1 Claim. (Cl. 251—34.)

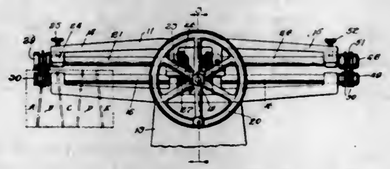
A device of the character described comprising a body portion provided with a central opening, and a longitudinally extending bore positioned above said opening,

said bore communicating with said opening and provided with a plurality of air ports extending through the wall thereof, a feed pipe connected with one end of said bore to admit steam therein, a slide valve extended into the



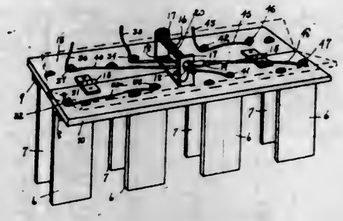
bore from the opposite end thereof to regulate the passage of steam and air into said central opening, an eye formed on the outer end of said valve, a rod extending through said eye and an actuating rod connected therewith.

1,572,559. MACHINE FOR MAKING PIPE ELBOWS. LEMUEL H. PURNELL, Chicago, Ill., assignor of one-half to Henry G. Goelitz and one-half to Enoch Purnell, both of Oak Park, Ill. Filed May 26, 1922. Serial No. 563,845. 6 Claims. (Cl. 164—61.)



1. Mechanism for cutting pipe comprising a templet adapted to be secured to said pipe, a rotary cutter adapted to cut said pipe and to be guided by said templet, and means for driving said cutter.

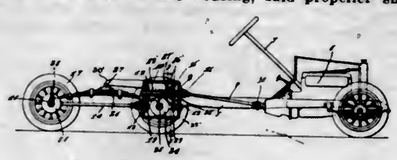
1,572,560. MACHINE FOR RECHARGING MAGNETOS AND BATTERIES. JOHN J. RARICK, Utica, N. Y. Filed July 3, 1922. Serial No. 572,860. 3 Claims. (Cl. 175—315.)



1. In a device for recharging magnetos and batteries, a plurality of jars, electrodes disposed within said jars, members for supporting said electrodes, and spring means for holding said members in given position, to control the distance between the ends of said electrodes, whereby to govern the resistance in the circuit.

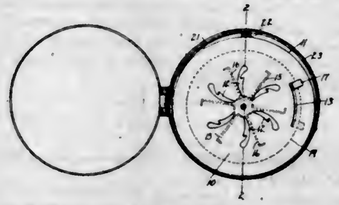
1,572,561. AUTOMOBILE FOUR-WHEEL DRIVE. RICHARD C. ROSE, Osceola, Ark. Filed Dec. 1, 1922. Serial No. 604,833. 1 Claim. (Cl. 180—22.)

In a four-wheel drive motor vehicle, a chassis including side rails, a pair of rear drive axles, spring members connecting the rear drive axles, means for pivotally connecting the rear ends of the side rails of the chassis to the spring members at points intermediate the ends of the spring members, a propeller shaft, a transmission housing housing a portion of one of the axles, a transmission mechanism in the housing, said propeller shaft



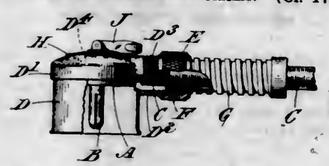
adapted to transmit motion to the transmission and axle supporting the housing, and means for transmitting motion from the transmission to the rear drive axle.

1,572,562. POWDER HOLDER. EMIL SCHUBLKE and JULIUS ROSS, Meriden, Conn., assignors to The Napier Co., Meriden, Conn., a Corporation. Filed July 10, 1925. Serial No. 42,650. 1 Claim. (Cl. 132—82.)



A powder-holder, comprising a top-plate formed with openings and with a concentric slot and having a downwardly-extending flange provided with bayonet grooves, a shutter bearing against the under-face of the top-plate, formed with slots, the edges of which form downwardly-turned blades, and a back-plate fitting within said flange and provided with a transverse bar, the ends of which engage with said bayonet grooves.

1,572,563. ELECTRIC WALL PLUG. HAROLD FREDERIC SECRETAN, Pelaw-on-Tyne, England, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, Durham, England, a British Company. Filed Sept. 19, 1923. Serial No. 668,664. 3 Claims. (Cl. 173—361.)

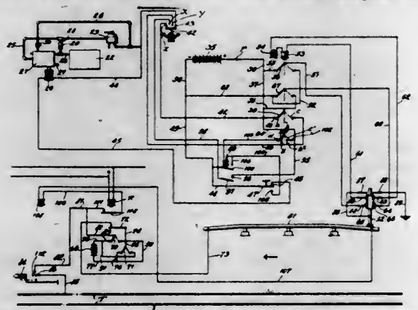


1. In an electrical attachment plug, in combination, a sleeve portion, a cap closing one end thereof, an insulating block carried by said cap, contacts mounted in said block and protected by said sleeve portion, a half tubular extension on each said sleeve portion and said cap and detachable means securing said half tubular extensions together to hold said cap and sleeve in proper relation and to house a conductor.

1,572,564. TRAIN-CONTROL SYSTEM. ARCHIBALD G. SHAVER, Chicago, Ill., and ALLEN B. KENDALL, Niagara Falls, N. Y., assignors to The Regan Safety Devices Company, Inc., New York, N. Y., a Corporation of New York. Filed Dec. 18, 1922. Serial No. 607,684. 15 Claims. (Cl. 246—49.)

1. In a train control system, in combination, an electrically operated vehicle control device, a vehicle circuit therefor for normally energizing the same, provisions in-

cluding roadside mechanism active for opening the said circuit to effect deenergization of said device, and vehicle provisions for re-energizing the said device comprising circuit means including a make and break device closed upon the opening of the first circuit, a speed con-

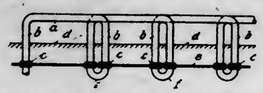


trolled contact device closed when the train reaches a speed below a predetermined limit, and a normally open switch means closed by a manual operation of the engineman and openable only by a break in the circuit at the said make and break device.

1,572,565. PROCESS OF MAKING BOARD FROM BAGASSE AND ANALOGOUS FIBERS. JOHN K. SHAW, Minneapolis, Minn. Filed Oct. 23, 1920. Serial No. 419,044. 7 Claims. (Cl. 92—3.)

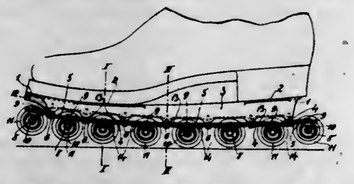
1. The process of producing a substitute for lumber from flexible and strong bagasse fibers which consists in cooking the same while associated with their natural pith in the presence of a suitable chemical and at a temperature and for a time sufficient to loosen the encrusting material of said fibers, but insufficient to produce fibers suitable for paper making; recovering the fibers thus treated; and forming said fibers by water deposition into a substitute for lumber.

1,572,566. REHEATING FURNACE. FRIEDRICH CARL SIEMENS, Berlin, Germany. Filed Sept. 22, 1924. Serial No. 739,180. 3 Claims. (Cl. 193—38.)



1. A stationary water-cooled slide-rail for reheating furnaces, comprising in combination a plurality of inverted U-shaped pieces of tubing having a horizontal part constituting a slide-way and downwardly directed limbs constituting supports for the slide-way, as set forth.

1,572,567. ROLLER SKATE. MICHAEL SKORKA, Budapest, Hungary. Filed Oct. 10, 1925. Serial No. 61,757. 4 Claims. (Cl. 208—175.)

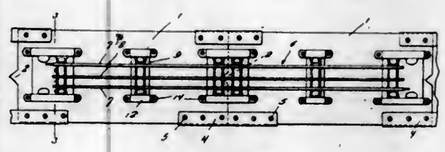


1. A roller skate comprising in combination a frame, two rows of downwardly extending projections on the frame, two parallel longitudinal flat spring attached to the said two rows of projections so as to be capable of moving freely and to extend at the front and back ends of the skate beyond the foremost and backmost projections, roller bearings fixed rigidly to the said springs between the points of attachment of each spring and so as to project downwards and skate rollers on the said roller bearings, the foremost and backmost skate roller bearings being fixed on the unsupported forward and backward extensions of the longitudinal springs, as and for the purpose set forth.

1,572,568. ATTRACTANT FOR INSECTS, PARTICULARLY FOR THE JAPANESE BEETLE. LOREN B. SMITH and EDWARD AVERY RICHMOND, Riverton, and PETER A. VAN DER MEULEN, New Brunswick, N. J., assignors, by mesne assignments, to the People of the United States. Filed Aug. 12, 1925. Serial No. 49,844. 3 Claims. (Cl. 167—6.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)

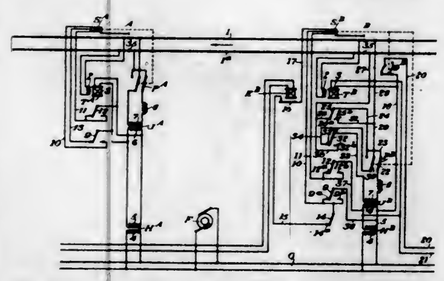
1. An insect attractant, comprising geraniol as the active ingredient.

1,572,569. TOY RAILROAD. ROY G. SPENCER, Seattle, Wash. Filed Apr. 21, 1925. Serial No. 24,827. 3 Claims. (Cl. 238—10.)



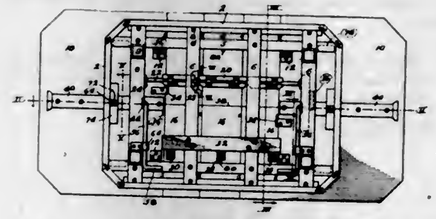
3. In a toy railroad structure, a sectional base, sub-ties upon said base, resilient means on said sub-ties, a track including cross ties resting upon the resilient means of said sub-ties, and clamps for simultaneously holding said sub-ties upon the base and said cross ties upon said sub-ties.

1,572,570. RAILWAY SIGNALING SYSTEM. LESTER E. SPRAY, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed May 4, 1925. Serial No. 27,740. 4 Claims. (Cl. 246—34.)



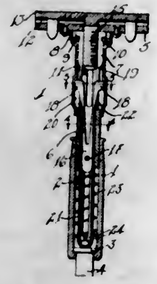
3. In combination, a railway track divided into successive sections, a track circuit for each section including a source of current and a track relay responsive to reversals of the relative polarity of the track circuit current, a signal for each section, means for each alternate section for controlling the relative polarity of the track circuit current in the section by only the signal for the section in advance, means for each intermediate section for controlling the relative polarity of the track circuit current in the section by the signal and also the track relay for the section next in advance, an auxiliary relay for each of said alternate sections controlled by the signal for the second section in advance, means for controlling the signal for each of said alternate sections by the associated track relay and auxiliary relay, and means for controlling the signal for each intermediate section by the associated track relay.

1,572,571. EXTENSION TABLE. ANDREW H. STONE, Kansas City, Mo. Filed July 5, 1923. Serial No. 649,446. 3 Claims. (Cl. 45—113.)



1. In a table of the character described, a frame, a leaf slidably mounted on said frame, a rail fixed to said leaf, a member mounted on the frame having an inclined surface and overlapping said rail, and means guided by said inclined surface into frictional engagement with the rail to secure the leaf at any point of its movement.

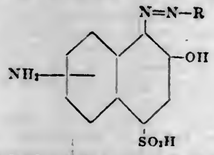
1,572,572. SAFETY RAZOR. JOHN STRAKA, Chicago, Ill. Filed Dec. 18, 1922. Serial No. 607,652. 8 Claims. (Cl. 30—12.)



1. A safety razor comprising a handle, a blade carrying member, means carried by said handle for removably securing said member to said handle, and a head member for clamping a blade to said blade carrying member, said means being adapted to lock said head to said handle, said means releasing said blade carrying member after it engages with said head, whereby said head holds said blade carrying member in position.

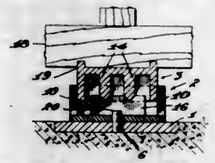
1,572,573. AZODYESTUFFS CONTAINING ZINC AND PROCESS OF MAKING SAME. FRITZ STRAUB, Basel, and HERMANN SCHNEIDER, Riehen, near Basel, Switzerland, assignors to the Firm Society of Chemical Industry in Basle, Basel, Switzerland. Filed Oct. 1, 1925. Serial No. 59,960. 3 Claims. (Cl. 260—11.)

2. As new products the herein described new azodyestuffs containing zinc, which are derivatives of the dyestuffs corresponding with the general formula:



wherein R stands for a hydroxynaphthalene nucleus to which the azobridge is attached in ortho-position to the hydroxyl group, which products form dark powders, dissolving readily in water with violet coloration which changes to bluish-red by addition of caustic alkalies, dyeing wool violet to brownish black tints which become gray to black by afterchroming.

1,572,574. DEVICE FOR PROTECTING STRUCTURES AGAINST EARTHQUAKE DAMAGE. OSCAR STROMBORG, Los Angeles, Calif. Filed Jan. 31, 1924. Serial No. 689,824. 8 Claims. (Cl. 72—77.)



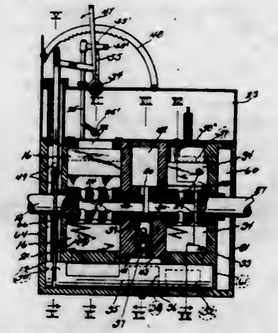
8. A building support comprising a series of penetrable blocks, blades seating on said blocks and adapted to penetrate the same under excessive strain, means supporting said blocks, and means carrying said blades and adapted to support a building.

1,572,575. OPTICAL INSTRUMENT. WILLIAM TAYLOR, Leicester, England. Filed Aug. 31, 1921. Serial No. 497,293. 7 Claims. (Cl. 88—57.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



1. An optical instrument, comprising an inner tubular container having a lateral opening, a removable optical element adapted to be inserted through said opening transversely into operative position in the container having a cylindrically curved surface engaging the inner surface of the container opposite said opening and having a projecting portion extending into said opening and lying flush with the outer surface of the container, and an outer tube slidably engaging the tubular container and having its inner surface in engagement with said projecting portion to retain the optical element in the container.

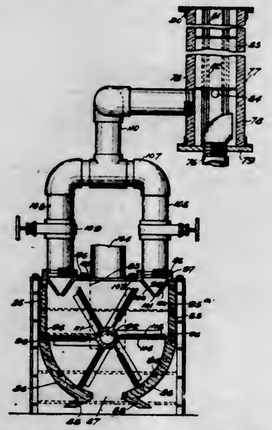
1,572,576. TRANSMISSION. JAMES B. THOMAS, Blairstown, Mo. Filed Feb. 18, 1924. Serial No. 693,515. 10 Claims. (Cl. 60—53.)



1. In a transmission, a drive shaft hollow for a portion of its length, a driven shaft hollow for a portion of its length, a wheel integral with each shaft having a plurality of radially disposed slots and passages, said passages forming connections between the hollow of said shaft and said slots, lugs slidably mounted in said slots, cam guide faces for engaging the outer edges of said lugs, means operable by said drive shaft for main-

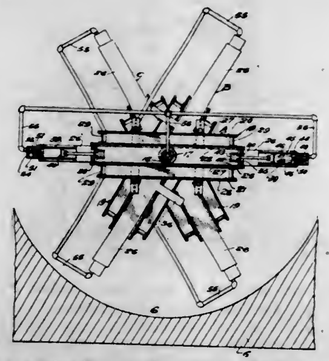
taining fluid under pressure within the hollow shafts and against said lugs and a fluid valve interconnecting the wheels of said drive and driven shaft.

1,572,577. POWER-GENERATING MECHANISM. JAMES F. THOMAS, Windsor, Ontario, Canada. Original application filed Apr. 8, 1922, Serial No. 550,758. Divided and this application filed Oct. 21, 1922. Serial No. 596,060. 3 Claims. (Cl. 253—137.)



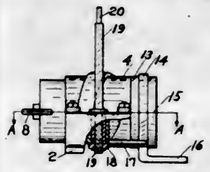
1. In a mechanism of the class specified, a motor consisting of an enclosing casing constructed of plastic material and having upper opposite straight side walls and lower curved walls, metal top plates having collars projecting upwardly therefrom, the top of the casing having oppositely disposed distributing chambers confined between inwardly and longitudinally converging walls with contracted slot outlets, the enclosing casing of the motor mechanism having top and bottom continually open outlets, a rotor within the casing comprising a plurality of blades alternately having relief openings adjacent the center of the rotor, and valved supply connections associated with said collars for delivering the operating medium under pressure to the distributing chambers for passage between the converging walls and through the contracted outlets to engage and forcefully impact against the blades of the rotor.

1,572,578. POWER-GENERATING MECHANISM. JAMES F. THOMAS, Montreal, Quebec, Canada. Filed June 4, 1925. Serial No. 34,962. 9 Claims. (Cl. 230—31.)



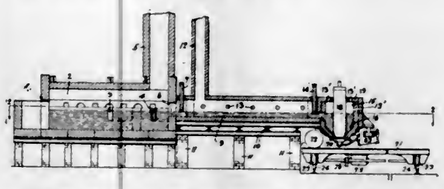
5. In a mechanism of the class specified, a rotatable shaft having a pipe extending therethrough and beyond one end of the same, a plurality of compressing units mounted at different angles on and rotatable with the shaft, the compressing units being spaced apart longitudinally of the shaft and each unit having compressing devices at opposite ends and an intermediate weighted body freely slidable in reverse longitudinal directions and connected and actuating part of the said compressing devices to alternately charge the said devices with air and discharge air therefrom, and pipe connections between the said devices and the pipe extending through the shaft.

1,572,579. RAILWAY-SWITCH STAND. GEORGE L. THOMPSON, Memphis, Tenn. Filed Sept. 23, 1925. Serial No. 58,083. 3 Claims. (Cl. 246—405.)



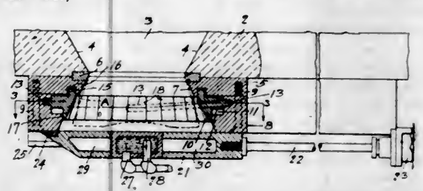
2. In a railway-switch stand, a rotating barrel with fixed collars and loose collar connecting rail shifter, and propelling means to rotate a staff.

1,572,580. METHOD AND APPARATUS FOR CASTING PLATE GLASS. FRANK E. TROUTMAN and CHARLES H. CHRISTIE, Butler, Pa. Filed Dec. 28, 1921. Serial No. 525,327. 27 Claims. (Cl. 49—3.)



1. The method of casting molten glass that comprises establishing a body of molten glass above a discharge outlet, and then chilling the glass at the outlet to a predetermined thickness to cause the glass to issue slowly initially from the said outlet.

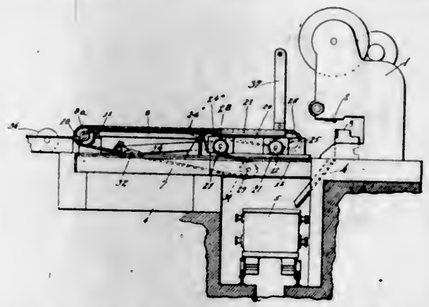
1,572,581. CASTING PLATE GLASS. FRANK E. TROUTMAN and CHARLES H. CHRISTIE, Butler, Pa. Filed Apr. 14, 1924. Serial No. 706,393. 26 Claims. (Cl. 49—55.)



1. The method of controlling the discharge of glass from an outlet, that comprises applying a chilling instrument to said outlet, thereby causing the glass within said outlet to harden, withdrawing said instrument from said outlet, and loosening the hardened glass in said outlet by downwardly moving a member adjacent to said glass within said outlet.

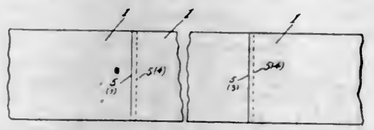
9. Apparatus for casting plate glass comprising a glass receptacle having a downwardly opening outlet, an annular structure beneath said outlet having a downwardly movable inner portion, and a shear member adapted to be moved into and out of position beneath the opening defined by said annular structure.

1,572,582. PULL-BACK TABLE. JOHN B. TYTUS, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a Corporation of Ohio. Filed Oct. 11, 1923. Serial No. 667,826. 8 Claims. (Cl. 164—48.)



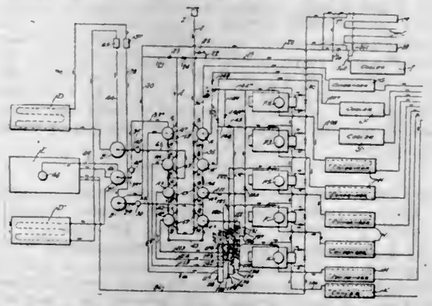
1. A pull back table having a fixed rear portion, and a movable forward portion, an endless carrier upon which the piece to be carried is to be supported means for driving the carrier, said carrier driven from the fixed portion end of the device, and passing idly around the movable portion, and means for maintaining the carrier substantially taut, in all positions of the movable portion.

1,572,583. SHEET-PICKLING METHOD. JOHN B. TYTUS, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a Corporation of Ohio. Filed May 12, 1925. Serial No. 29,826. 4 Claims. (Cl. 204—1.)



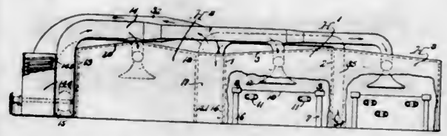
1. A process for electrolytically treating iron or steel pieces which because of their width must be produced in short length, which consists in uniting the pieces end for end, feeding the band so formed through an electrolyte containing suitable electrodes and establishing current connection with the band to convert it into an electrode.

1,572,584. METHOD AND APPARATUS FOR DISTILLING OIL. JAMES M. WADSWORTH, Fort Worth, Tex., assignor to Pierce Petroleum Corporation, New York, N. Y., a Corporation of Delaware. Filed Dec. 27, 1921. Serial No. 525,170. 15 Claims. (Cl. 196—73.)



6. A method of distilling oil, characterized by subjecting oil to repeated vaporizing operations, combining fractions of similar boiling point and condensing them to form primary distillates of varying volatility, and continuously redistilling the primary distillates as separate bodies, the residue from the bodies of lighter distillates being added in series to the bodies of heavier distillates.

1,572,585. APPARATUS FOR USE IN STRETCHING AND DRYING TEXTILE FABRICS. JOSEPH H. WALSH, Boston, Mass., assignor to Johns-Manville, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 14, 1922. Serial No. 552,726. 8 Claims. (Cl. 34—16.)

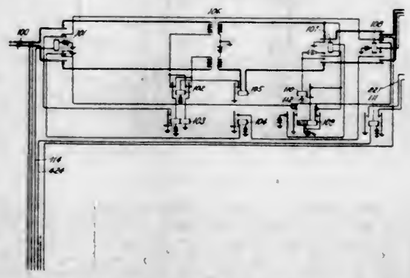


1. Apparatus of the class described comprising a heat insulated housing having therein a machine for tentering dampened textile webs, a series of heating coils arranged to radiate heat directly against the under surface of such webs in passing through said machine, a series of transversely elongate nozzles spaced longitudinally of said tentering machine and constructed and arranged to deliver blasts of air downwardly against the upper surface of such webs and throughout substantially the entire width thereof, means conducting heated air from said housing, and means for passing air on its way to the nozzles in heat transferring relation to such heated outgoing air.

1,572,586. COMPOSITION FOR STORAGE-BATTERY ELECTRODES AND PROCESS OF MAKING THE SAME. HELEN GILLETTE WEIR, Newark, N. J., assignor to The Prest-O-Lite Company, Inc., a Corporation of New York. Filed Nov. 6, 1923. Serial No. 673,160. 7 Claims. (Cl. 136—27.)

1. Process of regulating the porosity of storage battery electrodes, comprising preparing a paste embodying as initial ingredients lead-containing sulfatable material and a lead compound having a density less than that of the active material to be prepared, the proportion of the said lead compound being varied in accordance with the physical and chemical characteristics of the particular batch of lead-containing sulfatable material used, placing the composition upon a support, and converting the composition into active material.

1,572,587. TELEPHONE SYSTEM. SAMUEL B. WILLIAMS, Brooklyn, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 21, 1924. Serial No. 707,795. 10 Claims. (Cl. 174—18.)



1. In a telephone system, a subscriber's line, a selective switch having contacts, means for operating the contacts of said switch to extend a talking connection to said line, a test circuit separate from the loop of the

subscriber's line and including the contacts of said switch for testing the condition of the connection extended to said line, and means operated when a connection is extended to said line for rendering effective the test circuit.

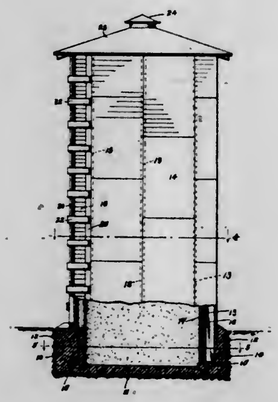
1,572,588. LOOSE-LEAF BINDER. WILLIAM DALE WINDERS, Columbus, Ohio, assignor to Henry C. Miller, Milwaukee, Wis. Filed May 6, 1925. Serial No. 28,301. 5 Claims. (Cl. 129—41.)



1. In a binder, a pair of hollow clamping strips, flexible binding posts fixed to one of said strips, adjustable take up mechanism provided in the other of said strips and cooperative with said posts for varying their effective lengths, said mechanism comprising a rotatable sleeve having internal right and left threaded portions, and nuts carried by certain of the ends of said posts and cooperative with the right and left threaded portions of said sleeve to traverse the sleeve longitudinally upon rotation of said sleeve.

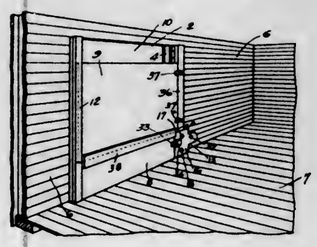
4. In a loose leaf binder, a clamping member, a magazine movably mounted within said clamping member, a flexible post contained within said magazine and locking means operated by variations in position of said magazine to control the withdrawal of said post from said magazine.

1,572,589. SILO CONSTRUCTION. ADOLPH I. ANDERSON, Zumbrota, Minn. Filed Nov. 18, 1924. Serial No. 750,579. 1 Claim. (Cl. 72—6.)



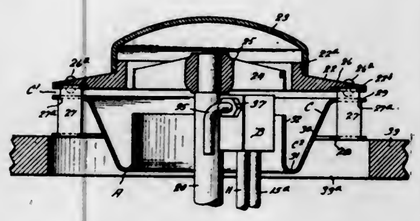
A wall formed of units engaging edge to edge and end to end, each unit being formed of impervious spaced side members, impervious outer members connected to the outer edges of the side members, an inner member capable of holding a coating of plastic material and a coating of plastic material applied over said inner member, the spaces between the members constituting continuous dead air chambers when the units are arranged to form a wall.

1,572,590. GRAIN-DOOR LATCH. DANIEL ROBERT CAMERON, Vancouver, British Columbia, Canada. Filed Mar. 17, 1924. Serial No. 699,728. 3 Claims. (Cl. 292—142.



1. A grain door latch, comprising a latch plate extending throughout the greater part of the depth of the door, and slidably mounted on the inner side of the car adjacent the doorway and susceptible of having its edge projected beyond the edge of the doorway or retracted clear thereof, and means for operating the plate from the outer side of the car by means of a lever, the weight of which tends to hold the plate in the retracted position.

1,572,591. APPARATUS FOR BURNING LIQUID FUEL. JOHN W. CANNON, Providence, R. I. Filed May 29, 1925. Serial No. 33,626. 7 Claims. (Cl. 158—77.)

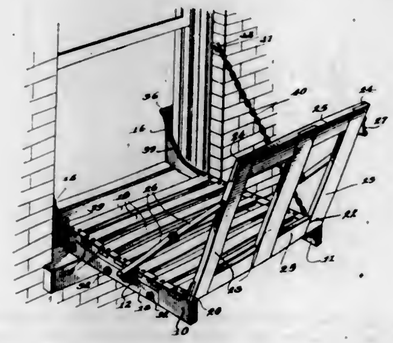


7. The combination, with a combustion chamber, of a burner within said combustion chamber and subjected to the heat thereof, said burner comprising an upper and a lower plate arranged to provide a peripheral outlet therebetween, the lower plate having a central passageway for admitting air to the space between said plates, a superheater in said combustion chamber, an atomizing device located within the central opening of the lower burner plate, means for conducting oil to said atomizing device, means for conducting superheated steam from the superheater to said atomizing device, there being a narrow air way provided between the inner edge of the lower plate and the upper plate, and means for delivering the mixture of superheated steam and atomized oil from the atomizing device to the space between said plates.

1,572,592. WINDOW SCAFFOLD OR SEAT. URIEL ARTEMUS CARR, Warren, Ohio. Filed Mar. 9, 1925. Serial No. 14,244. 2 Claims. (Cl. 304—24.)

1. A device of the character described adapted to be supported on a window frame, comprising a pair of spaced beams having longitudinal grooves provided therein, a pair of arms having right angularly bent portions for engaging the facing strips of a window frame, extension members carried by said arms and received in said longitudinal grooves formed in said beams, a series

of bars having their opposite ends extending through said beams and extension members, means upon said bars for holding said extension members in said grooves

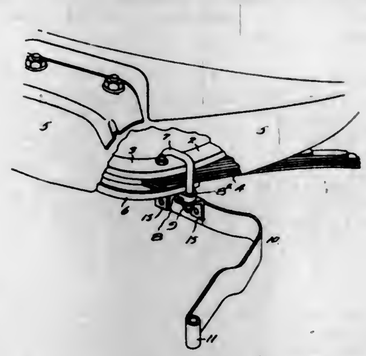


formed in said beams, cross strips having their opposite ends attached to said beams for forming a platform, and a back support hingedly connected to said beams.

1,572,593. ALLOY. JEAN H. L. DE BATS, East Orange, N. J., assignor to De Bats Metals Company, Bloomfield, N. J., a Corporation of New Jersey. Filed Jan. 24, 1924. Serial No. 688,303. 6 Claims. (Cl. 75—1.)

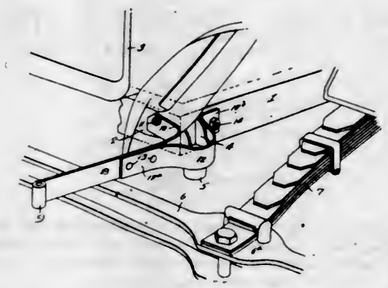
1. An alloy of nickel in the proportion of not more than 30 and not less than 15 per cent of the whole and two metals of the chromium groups each present in a proportion of not less than 15 per cent of the whole and together forming not over 85 and not less than 70 per cent of the whole.

1,572,594. BUMPER ATTACHING AND SUPPORTING MEANS. WAYNE E. DUNSTON, Detroit, Mich., assignor to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed May 8, 1923. Serial No. 637,458. 5 Claims. (Cl. 293—55.)



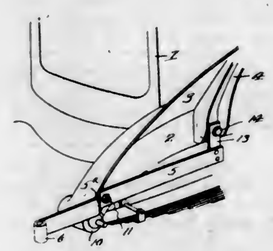
1. The combination, with the inwardly inclined side portions of a vehicle frame, of a bumper, and arms connecting said bumper to such inclined portions of the side frame, the ends of said arms extending at substantially right angles from the bumper and at substantially right angles from such inclined side portions of the vehicle frame.

1,572,595. BUMPER ATTACHING AND SUPPORTING MEANS. WAYNE E. DUNSTON, Detroit, Mich., assignor to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed May 8, 1923. Serial No. 637,460. 2 Claims. (Cl. 293—55.)



1. The combination, with a cross member and a side member of a vehicle frame, of a buffer-supporting bracket adjacent to the junction of said members, and a bumper supporting member comprising an arm having a lateral projection adapted to engage and to be secured to the cross member and a second arm extending rearwardly from the first mentioned arm and projected outwardly and inwardly to provide a bracket-receiving recess, the second arm being extended beyond such bracket and provided with a portion adapted to engage and to be attached to the said side member.

1,572,596. BUMPER-SUPPORTING MEANS. WAYNE E. DUNSTON, Detroit, Mich., assignor to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed May 8, 1923. Serial No. 637,464. 5 Claims. (Cl. 293—55.)

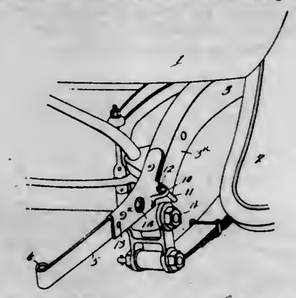


3. The combination, with the side frame member of an automobile, of a fender bracket, a bumper supporting arm secured intermediate of its ends to the said side frame member, a vertical projection carried by the rear or inner end of the said arm, and means connecting the said projection and the said bracket to the said side frame member.

1,572,597. BUMPER ATTACHING AND SUPPORTING MEANS. WAYNE E. DUNSTON, Detroit, Mich., assignor to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed May 8, 1923. Serial No. 637,468. 4 Claims. (Cl. 293—55.)

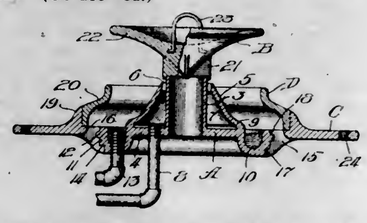
1. The combination, with the end portion of the side member of a vehicle, of a bracket comprising a base plate adapted to bear against the top of such end portion, means for securing such base plate to the top of

such end portion, the bracket having a longitudinal extension provided with an inverted U-shaped channel



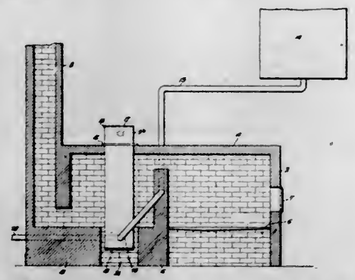
extending in the direction of the length of the side member, and a bumper supporting arm fitted within said channel and secured to said extension.

1,572,598. OIL BURNER. FRANK S. EGLOFF, Riverside, Ill. Filed Feb. 14, 1924. Serial No. 692,661. 1 Claim. (Cl. 158—91.)



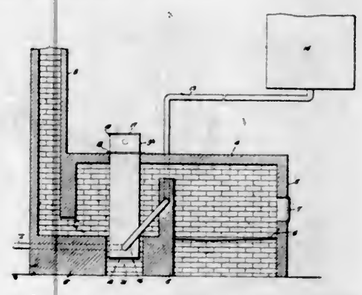
An apparatus of the kind described in which is comprised a chambered burner head having smooth outer conical walls in association with inner cylindrical walls between which is an annular space adjacent their upper edges, means for delivering a quantity of oil through the chamber of the burner head and down upon the smooth outer conical walls thereof, means adjacent the base of the conical walls for retarding the downward flow of oil thereupon, also other means for collecting oil which drains past said retarding means, and means for directing air against the conical walls of the burner head whereby to support combustion upon the outer side thereof, substantially as described.

1,572,599. APPARATUS FOR PURIFYING GAS. HOWARD TOLAN GRAFTON, CARL WILLIAM WEESNER, and FLOYD JACOB HOFFMAN, Warren, Ohio. Filed Mar. 30, 1921. Serial No. 456,913. 14 Claims. (Cl. 183—32.)



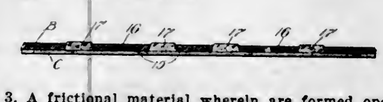
1. A furnace for purifying gas having a preheater adapted to be heated by the furnace-gases, purification-chambers suspended from and entirely supported by the furnace-roof and means for delivering the gas from the preheater to the purification-chambers.

1,572,600. PROCESS OF ANNEALING IRON ARTICLES. HOWARD TOLAN GRAFTON and CARL WILLIAM WEESNER, Warren, Ohio. Filed Mar. 30, 1921. Serial No. 456,914. 3 Claims. (Cl. 148—16.)



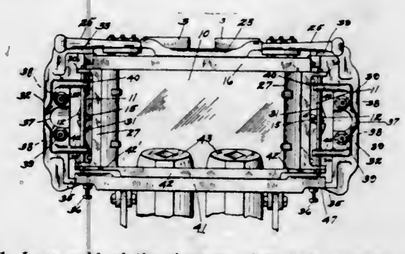
1. In a process of annealing iron articles, the use of purified producer gas substantially free from oxygen and containing a quantity of moisture insufficient to stain the iron article.

1,572,601. FRICTION MATERIAL. ORRIN D. GRAY, Chicago, Ill., assignor to Advance Automobile Accessories Corporation, Chicago, Ill., a Corporation of Delaware. Filed Apr. 9, 1923. Serial No. 630,714. 3 Claims. (Cl. 188—250.)



3. A frictional material wherein are formed openings, an insert of solidified lubricating material contained in each opening, and yielding means positioned rearwardly of each insert adapted to project its acting end beyond the wearing face of the frictional material, substantially as described.

1,572,602. CEMENT-BLOCK MACHINE. CHARLES R. HARRY, Fredericktown, Ohio, assignor to The J. B. Foote Foundry Company, Fredericktown, Ohio, a Corporation of Ohio. Filed Sept. 29, 1924. Serial No. 740,473. 6 Claims. (Cl. 25—41.)

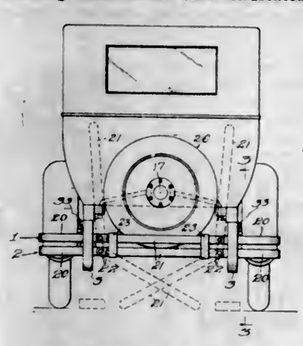


1. In a mold of the character described, movable end plates, operating levers, links connected with said levers, each link including an adjustable head having a pair of arms, and a rod carried by each end plate to which the arms of the corresponding head are connected.

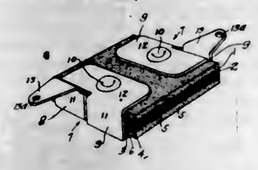
1,572,603. BUMPER AND BRACKET THEREFOR. CHRISTEN P. HEIDE, Kenosha, Wis., assignor to Tom C. Igo, Chicago Heights, Ill. Filed Feb. 24, 1925. Serial No. 11,002. 5 Claims. (Cl. 293—55.)

1. The combination with the side members of a motor vehicle chassis and a horizontal bumper at one

end of the same, of brackets carried by the bumper and extending between the same and the chassis, said brackets having their inner ends bifurcated and upturned to receive and extend about the associated ends of the side members, and means for clamping the ends of the brackets thereto.

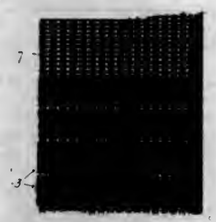


1,572,604. RADIOCONDENSER. CHARLES HORTON, Ridgefield Park, N. J., assignor to Dubilier Condenser & Radio Corporation, New York, N. Y., a Corporation of Delaware. Filed Sept. 3, 1924. Serial No. 735,562. 7 Claims. (Cl. 250—41.)



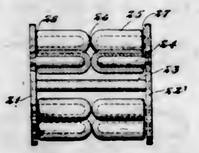
1. An electrical condenser comprising a stack having clips thereon, each clip including separate sections secured to the stack, one section of each clip directly engaging only one of the faces of the stack and having a portion bent over only the adjacent side of said stack, and the other section directly engaging only the opposite face of the stack and having a portion bent over only the same side thereof.

1,572,605. LAUNDRY BAG. WILLIAM C. HOWE, Chicago, Ill., assignor to The Alden Speare's Sons Co., Boston, Mass., a Corporation of Massachusetts. Filed May 7, 1923. Serial No. 637,046. 2 Claims. (Cl. 139—383.)



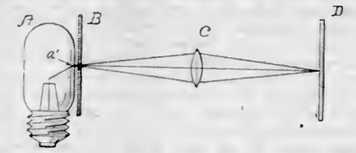
1. A laundry bag composed of a fabric body having integral lateral reinforcements extending across the bottom, across the bilge, and across the neck portion of the body to form a pin-receiving part whereby to close the bag, and integral longitudinal reinforcements extending along the center and the sides of the body, the entire body being perforated and the perforations of the reinforcements being smaller than those of the remainder of the bag, the lateral reinforcements being composed of a plurality of bands each spaced from the adjacent band by a single row of perforations larger than the perforations of the bands.

1,572,606. ROLLER BEARING. CHARLES H. HUGHES, East Orange, N. J. Filed May 16, 1924. Serial No. 713,649. 5 Claims. (Cl. 308—215.)



1. A roller bearing comprising a cage, a plurality of studs in said cage alternatingly disposed to point in opposite directions, each having a semi-spherical free end, and a hollow roller on each stud having an axial bore of a depth less than the length of the stud for keeping the flat outer end of each roller spaced from the walls of said cage to prevent gouging.

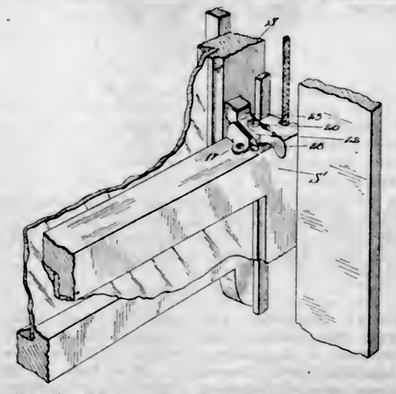
1,572,607. OFFSET FILAMENT LAMP. CHARLES FRANCIS JENKINS, Washington, D. C. Filed Oct. 22, 1924. Serial No. 745,212. 4 Claims. (Cl. 176—16.)



1. In a lamp unit, a light source, an enclosing casing therefor filled with hydrogen, said light source located in approximate contact with the casing wall.

2. In a lamp unit, a light source, and an enclosing casing, said light source being located in approximate contact with said casing wall.

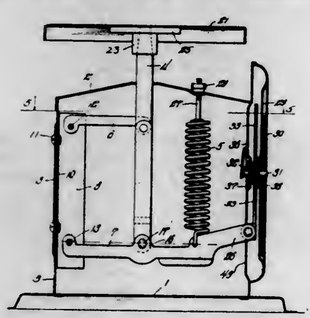
1,572,608. SASH AND DOOR LOCK. EDWARD J. KINGWILL, Santa Monica, Calif., assignor of one-half to Charles G. Kingwill, Hammond, Ind. Filed July 25, 1924. Serial No. 728,123. 6 Claims. (Cl. 292—242.)



1. A sash and door lock including a pintle, an engaging member having a slot therein, through which said pintle extends, spring means for urging said member to assume an upwardly inclined position upon said

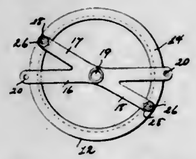
pintle, and means for causing said member to slide forwardly so as to cause its engaging end to engage a surface, whereby movement of said surface relatively to said lock will cause said engaging member to pivot about its opposite end and wedge against said surface.

1,572,609. SCALE. LELAND G. KNAPP, Chicago, Ill., assignor to Montgomery Ward & Co., Chicago, Ill., a Corporation of Illinois. Filed Dec. 15, 1924. Serial No. 755,984. 11 Claims. (Cl. 265—68.)



1. In a scale of the class described, a casing including a top provided with a perforation, a vertically disposed stem extending freely through the perforation, a pair of parallel links disposed one above another and each pivotally connected at its opposite ends respectively to the casing and the stem, the stem having its upper end tapered to a frusto-pyramidal shape, a flange having a shank provided with an upwardly tapering bore corresponding throughout its length to the frusto-pyramidal shape of the said stem end and having the said end socketed therein, the flange having its top enlarged to form a head larger than the said perforation, a platform seated on the said flange head, a screw extending through the platform into the said upper stem end to clamp the flange between the stem and the platform, and resilient means for resisting the movement transmitted to the stem by the load on the platform.

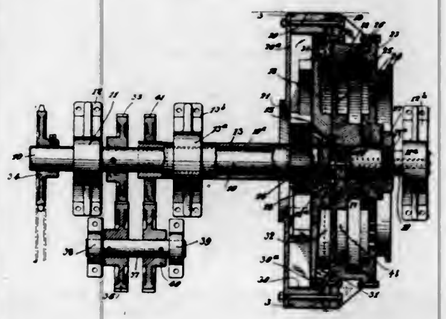
1,572,610. BRACKET HOLDER FOR JUNCTION BOXES. WILLIAM LACKS and MORRIS S. NEWMAN, Newark, N. J. Filed Oct. 30, 1924. Serial No. 746,761. 2 Claims. (Cl. 240—85.)



1. A bracket holder formed of a flat plate, having a screw threaded central opening, said plate being provided with pairs of obliquely disposed arms of different length, said arms having openings in the outer ends thereof.

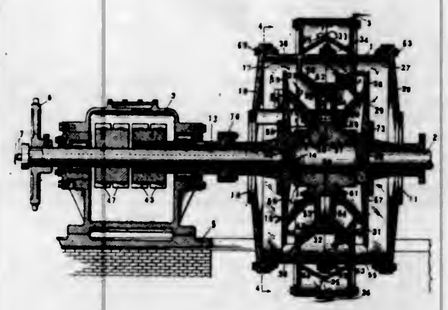
1,572,611. METHOD AND CENTRIFUGAL SEPARATOR FOR SEPARATING SOLIDS FROM LIQUIDS. WILLIAM C. LAUGHLIN, Glendale, Calif., assignor to Laughlin Filter Corporation, New York, N. Y., a Corporation of Delaware. Filed June 21, 1924. Serial No. 721,531. 21 Claims. (Cl. 233—7).

1. In centrifugal separation, a rotary casing having a separating chamber in the peripheral portion of the same and an axial discharge throat in communication with said chamber, means for supplying material for separation into the axial portion of the casing, rotating guide means within the casing, for directing solid material from the separating chamber inwardly to the



axial discharge throat and deflecting means located inwardly of said guide means and forwardly of same in the direction of rotation for deflecting entering material clear of the guide means.

1,572,612. CENTRIFUGAL SEPARATOR. WILLIAM C. LAUGHLIN, New York, N. Y., asssignor to Laughlin Filter Corporation, New York, N. Y., a Corporation of Delaware. Filed June 2, 1925. Serial No. 34,301. 49 Claims. (Cl. 233—18.)

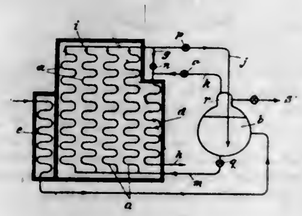


1. In centrifugal apparatus, a rotary casing having concentric discharge throats at opposite ends of the same and a peripheral discharge intermediate said ends, a collector surrounding said peripheral discharge and supply means discharging into the casing.

1,572,613. HIGH-PRESSURE STEAM GENERATOR. FRANZ LÖSEL, Brunn, Czechoslovakia. Filed Aug. 17, 1923. Serial No. 657,844. 8 Claims. (Cl. 122—35.)

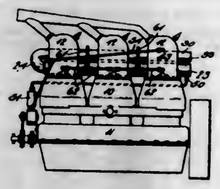
7. A high pressure steam generator and supply unit comprising a high pressure tubular boiler of comparatively small water capacity within a furnace, a high pressure combined hot water and surplus steam storage reservoir of comparatively large water and steam accumulator capacity located outside of said furnace and forming the water supply space for said high pressure boiler, feed water feeding means for said unit supplying feed water to said storage reservoir and from the water space thereof through a hot water feed supply line to

the water space of said tubular boiler, a tubular steam collector for the steam generated in said tubular boiler, a main steam supply line leading from the collector for supplying high pressure boiler steam directly to consumption apparatus, a storage steam branch line leading from said main steam supply line into said storage reservoir at a point below the water level thereof and another separate steam supply and equalizing line leading from the steam space of said high pressure storage reservoir to said main steam supply line to add storage steam in case of demand to said main supply line, whereby said high pressure storage reservoir



also functions to preheat the feed water to boiler water temperature and to smooth out and absorb the fluctuations and irregularities of the steam generation of the tubular boiler so as to supply an even flow of substantially constant pressure steam to said main steam supply without affecting the quality of the boiler steam by the water space of said storage reservoir, and regulating means for effecting the passage of surplus steam through said storage branch line and storage in said reservoir and for the additional steam supply from said storage to said main steam supply line and means for controlling the feed water supply to said tubular boiler.

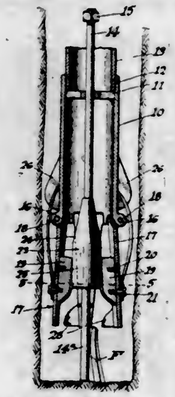
1,572,614. STEAM GENERATOR FOR INTERNAL-COMBUSTION ENGINES. LOUIS LEONARD LUCE, Portland, Oreg., assignor to Luce-Mattson Engine Company, San Francisco, Calif., a Corporation of California. Filed Oct. 2, 1923. Serial No. 666,056. 3 Claims. (Cl. 123—25.)



1. In an internal combustion engine, an engine cylinder having an exhaust port in its lower side wall, a gas-inlet port in the lower side wall of the cylinder opposite said exhaust port, a steam-inlet port in the lower side wall of the cylinder adjacent said gas-inlet port, means to supply steam communicating with said steam-inlet port, and a piston in said cylinder controlling the opening and closing of the ports.

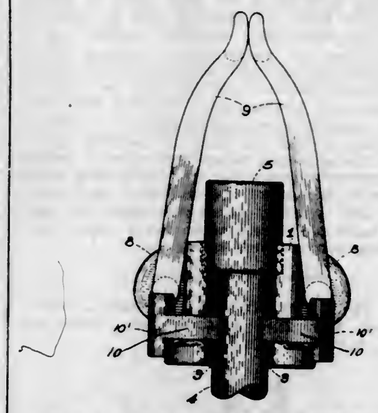
1,572,615. FISHING TOOL. RICHARD A. MAGOR and WALTER STONE, Long Beach, Calif. Filed Nov. 20, 1924. Serial No. 751,080. 9 Claims. (Cl. 294—116.)

1. A fishing tool comprising a body, a plurality of fish engaging elements pivoted to said body, spring means for urging said fish engaging elements into contracted position, a stem carried by said body and slid-



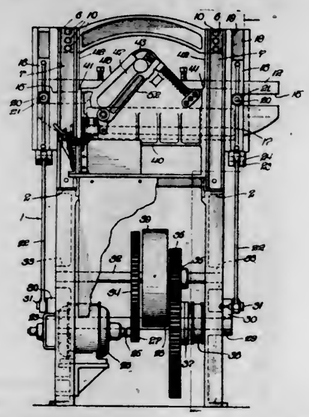
able thereon, and a head formed upon said stem adapted to engage the interior surfaces of said fish engaging elements to cause their expansion before contraction.

1,572,616. ELEVATOR OF THE RIGID-YOKE TYPE. RUEL E. MOHNKERN, Oil City, Pa. Filed May 24, 1923. Serial No. 641,099. 1 Claim. (Cl. 294—91.)



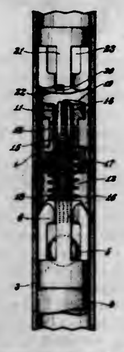
An elevator of the rigid yoke type adapted for use with a tubular element having a coupling collar secured thereto, comprising in combination a rigid yoke having a gap for the reception of said tubular element also a feature consisting of a straight-walled, concentrically-arranged enlargement of the upper rearward portion of said gap, the junctional point of the walls of said enlargement with the walls of said gap forming a square shoulder for contact with the lower end of said collar, the walls of said enlargement being of sufficient extent to engage said collar throughout more than one half of its circumference for the purpose set forth, latch-levers pivotally mounted within said yoke at each side of and adjacent the entrance of said gap so as to be movable in a plane transversely to the axis of said yoke, a torsion spring arranged to actuate said levers to the position whereat their inner ends are within said gap with their inner faces in retaining juxtaposition to the periphery of said tubular element, said levers being manually actuable to withdraw said ends from said gap, and bales carried by said yoke for the attachment of a hoisting cable.

1,572,617. PAPER-CUTTING MACHINE. JOHN E. MULRONEY, Chicago, Ill. Filed June 10, 1922. Serial No. 567,425. 12 Claims. (Cl. 164—54.)



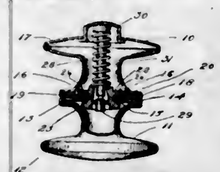
1. In a paper cutting machine of the class described, the combination of a main frame, a feed table mounted on said frame, a knife reciprocatingly mounted in the frame and in transverse relation to the feed table, an upwardly and downwardly movable paper-engaging clamp slidably mounted in the main frame in parallel relation to the knife and provided with an upwardly and downwardly extending elongated inclined slot, a clamp supporting and operating pin anchored in the knife and extending into said inclined slot, anti-friction means interposed between said pin and the walls of said inclined slot, locking means mounted upon said clamp and adapted to frictionally engage a stationary frame member, to hold the clamp in clamping engagement with the paper to be operated upon, a locking lever arm operatively connected with said locking means and adapted to be engaged and operated by said clamp supporting and operating means, and means for operating said knife and thereby automatically raising, lowering, locking and releasing said clamp.

1,572,618. PUMP FOR OIL WELLS. HARRY L. NOLAN, Maplewood, Mo. Filed Jan. 17, 1921. Serial No. 437,796. 3 Claims. (Cl. 103—180.)



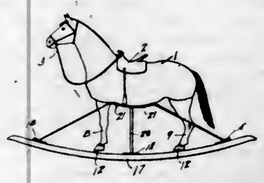
1. In a well pump having a working element provided with a perforation, a standing element, and a tap on said standing element adapted for cooperation with said perforation, substantially as and for the purpose set forth.

1,572,619. CUFF BUTTON. JOHN G. NYBERG, Providence, R. I., assignor to Dolan & Bullock, a Firm composed of Arthur F. Dolan and Fred A. Bullock, Attleboro, Mass., and William G. Bennett, Providence, R. I. Filed May 9, 1925. Serial No. 29,067. 5 Claims. (Cl. 24—110.)



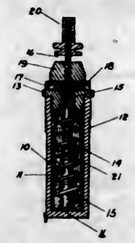
1. A separable cuff button comprising stud and socket members, separable bodily movable jaws carried by said stud member for releasably engaging said socket member, means for positively forcing said jaws to contracted position, an axially movable pin in said stud member for controlling the action of said jaws, and means acting on said pin for causing said pin to normally expand said jaws into their locking position.

1,572,620. ROCKING-HORSE. FREDERICK THOMAS OAKLEY, Pawling, N. Y. Filed Mar. 5, 1925. Serial No. 13,117. 6 Claims. (Cl. 272—52.)



5. In a rocking horse having a body portion and rockers, and legs moving independently of the rockers; hollow hoofs for the legs, the said hoofs having apertures pierced through its walls; and weights pendulously mounted within the said hollow hoofs.

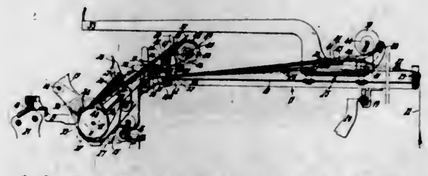
1,572,621. MANIFOLD HEATER. EUGENE G. SIEGFRIED, Lincoln, Nebr., assignor of one-half to August W. Vogt, Lincoln, Nebr. Filed Aug. 6, 1924. Serial No. 730,441. 2 Claims. (Cl. 219—38.)



2. A manifold heater comprising a cylinder which is closed at one end, a plug for closing the other end of said cylinder, said plug being provided with a central conical aperture, a conducting core which is so shaped as to fit snugly into the aperture of said plug, said core being surrounded by a sheath of insulating material, a binding post integral with said core and projecting from said plug, a resilient insulated washer surrounding said binding post and bearing against said plug, said binding post bearing against said washer

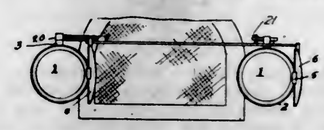
for firmly drawing said core into aperture of said plug, and a resistance coil surrounding said insulating sheath, said resistance coil being grounded in said plug and having its other terminal in the inner extremity of said core.

1,572,622. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 3, 1924. Serial No. 696,556. 53 Claims. (Cl. 197—126.)



1. In a continuous billing typewriting machine, the combination with a revoluble platen, a platen-displacing frame and a carbon-carrier reciprocable toward and from the platen, of a record-web and record-web-carbon bearing roll mounted on the carbon-carrier, a shield also carried by the carbon-carrier between the record-web and its carbon, constructed and arranged to prevent the copying through onto the record-web of all matter typed on the work-web except a portion written in a predetermined field longitudinally of the work-web, feed-rolls co-operating with the platen to feed the work-web and record-web together, record-web take-up mechanism at the delivery side of the platen to take up and hold against retraction a stretch of record-web corresponding in length to the length of the record-web field typed upon, and a friction device on the carbon-carrier engaging the record-web to cause the record-web to be drawn to the rear by the corbon-carrier until all of the slack at the delivery side of the platen created by the line-feeding of the record-web by the platen has been taken up, and then to permit the record-web to remain stationary during the further retraction of the carbon-carrier.

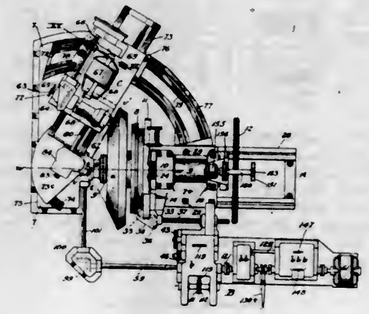
1,572,623. SCREEN FOR AUTOMOBILE LAMPS. SAMUEL S. STALEY, Reading, Pa. Filed Aug. 24, 1923. Serial No. 659,082. 2 Claims. (Cl. 240—45.6.)



1. The combination of two screens, one on each lamp of an automobile and free to move into a position cutting off the light on the left hand side of the driver, yieldingly acting mechanism tending to cause these screens to shut off the portions of the light extending forward and to the left hand side of the driver, and positively acting mechanism under the control of the driver, acting oppositely to the said yielding mechanism and opening the screens against the pressure of the said mechanism, the said screens being hinged at the left side of the lamps.

1,572,624. APPARATUS FOR CUTTING HELICAL BEVEL TEETH. HOWARD H. TALBOT, Wooster, Ohio, assignor of one-half to Louis A. Woodard, Wooster, Ohio. Filed Sept. 1, 1921. Serial No. 497,493. 31 Claims. (Cl. 90—4.)

1. A machine for cutting helical bevel gears having a rotatable blank support, means for alternately rotating the blank thereon forward and back, a rotating end milling cutter, a slidable support therefor, driving mechanism for the cutter on said support, a pivotally

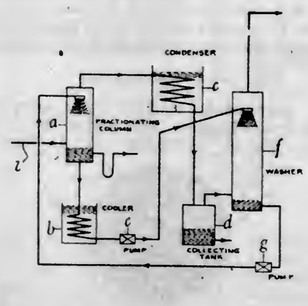


mounted laterally swinging table for the cutter support, and gearing for moving the cutter support thereon in a straight line movement during reversal of the blank.

1,572,625. GLASS. WILLIAM CHITTENDEN TAYLOR, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a Corporation of New York. Filed Jan. 7, 1921. Serial No. 435,739. 10 Claims. (Cl. 106—36.1.)

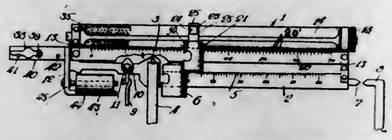
1. The hereinbefore described process of modifying the colors due to metallic salts in borate glasses, which comprises adding a halogen.

1,572,626. APPARATUS FOR THE PRODUCTION OF GASOLINE. FRANK TINKER, Sutton Coldfield, England. Filed June 7, 1923. Serial No. 643,968. 1 Claim. (Cl. 196—139.)



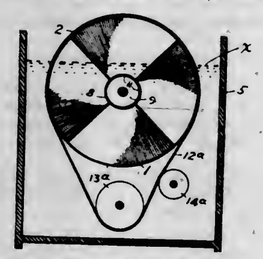
In apparatus for the production of gasoline and like motor spirits by distillation processes, the combination with a fractionating column, of a condenser, means for conducting vapour from the fractionating column to the condenser, a collecting tank, means for conducting condensed liquid, gas and vapour from the condenser to the collecting tank, a washer, means for passing vapour and gas from the collecting tank to the washer, a cooler, means for passing condensate from the fractionating column to the cooler, means for conveying cooled condensate from the cooler to the washer, and means for returning liquid from the washer to the fractionating column, substantially as described.

1,572,627. WEIGHING SCALE. MATHIAS J. WEBER, Chicago, Ill., assignor to Continental Scale Works, Chicago, Ill., a Corporation of Illinois. Filed Mar. 26, 1920. Serial No. 368,892. 15 Claims. (Cl. 265—32.)



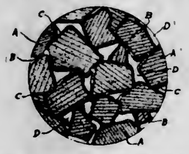
1. The improvements herein described, comprising a weighing scale provided with a beam, a movable weight on the beam, a postal transmission cost element associated with the weight and bearing both weight and postal rate zone indications, and an indicator on the weight for designating on the cost element the transmission cost for each unit of weight indication substantially as described and means limiting the visual designations to a single postal zone rate indication.

1,572,628. AIR BLOWER OF THE CAGNIARDELLE TYPE. UTLEY WEDGE, Paoli, Pa. Filed Apr. 21, 1925. Serial No. 24,719. 9 Claims. (Cl. 230—22.)



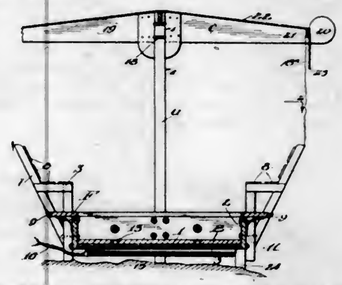
5. An air blower of the "Cagniardelle" type including in combination a rotatable casing contracted at its discharge end and provided with an external ported casing wall and with an internal ported drum wall and having mounted therein and between said walls a spiral or Archimedean screw element, a tank for liquid in which the casing is partially submerged, and means for covering the ports at the exposed portion of the external wall and for uncovering the ports at a submerged portion of the external wall.

1,572,629. METHOD OF MAKING FUEL BRIQUETTES. PARK E. WELTON, Akron, Ohio. Filed May 19, 1924. Serial No. 714,358. 17 Claims. (Cl. 44—12.)



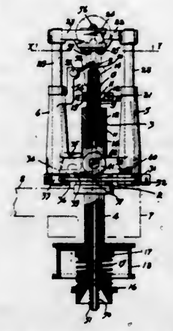
1. The process of forming combustible briquettes which comprises mixing coal culm with a suitable binder in plastic form, adding a water-proofing material to protect the binder, the water-proofing material being in a granulated form, mixing these ingredients to obtain a homogeneous consistency of the mass, subjecting the mass to sufficient pressure to cause it to temporarily retain its formed shape and subjecting the formed material to heat to cause the moisture in the binder material to be driven off and thereafter to cause the water-proofing material to be reduced to a liquid form, whereupon it may cerate the binder material and subsequently prevent the absorption of moisture by the binder material.

1,572,630. SAND BOX AND PLAYHOUSE. ROBERT E. WHITESIDE, Los Angeles, Calif., assignor to Henry Bielfeldt, Los Angeles, Calif. Filed Aug. 28, 1924. Serial No. 734,811. 4 Claims. (Cl. 272—1.)



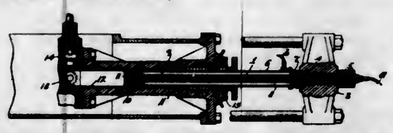
1. A playhouse comprising a box adapted to hold sand, a peripheral flange flush with the top of said box, oppositely disposed uprights extending through openings in said flange and engaging the sides of said box, means for securing said uprights to said box and a canopy extending over said box and supported on said uprights.

1,572,631. SEALING-IN MACHINE FOR TIPLESS LAMPS. JAMES BRYANT WHITMORE and JOHN EBLING FERGUSON, Bloomfield, N. J., assignors to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Aug. 1, 1921. Serial No. 488,754. 35 Claims. (Cl. 49—2.)



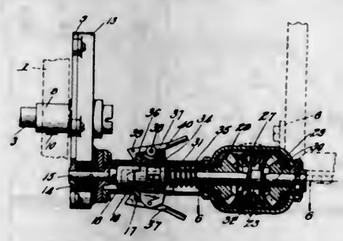
1. A head for a sealing-in machine comprising a lamp-mount holder, means for temporarily supporting a bulb and means associated with said holder whereby said bulb may be adjusted and supported with its axial line coincident to that of the mount holder.

1,572,632. COMPRESSOR OR PUMP. ZENO W. WICKS, Fort Worth, Tex., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Apr. 3, 1925. Serial No. 20,335. 6 Claims. (Cl. 230—6.)



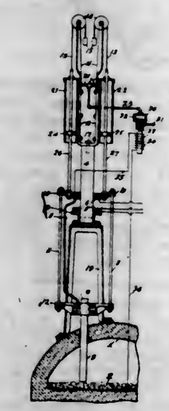
1. A compressor or pump plunger, comprising, in combination, a plunger head, a tubular member secured to said head, a flexible plunger rod within said tubular member arranged to drive said head, and means for circulating cooling fluid through said rod and head.

1,572,633. DRIVING MECHANISM FOR IRONING MACHINES. ALPHEUS W. ALTORFER, Peoria, Ill., assignor to Altorfer Bros. Company, East Peoria, Ill., a Corporation of Illinois. Filed Feb. 25, 1921. Serial No. 447,833. Renewed Nov. 23, 1925. 4 Claims. (Cl. 68—9.)



3. A driving attachment for the purposes described, including a vertically disposed shaft, a coupling member thereon, a horizontally disposed shaft, a coupling member, slidable thereon, means bearing yieldingly thereagainst, gearing connecting said shafts, a clutch in said gearing, means to actuate said clutch, and clamping means on said attachment.

1,572,634. ELECTRIC FURNACE. MORRIS H. BENNETT, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed June 27, 1923. Serial No. 648,164. 21 Claims. (Cl. 204—64.)



2. In an electric furnace, the combination with an electrode, of a transformer for supplying current to the electrode, and means for utilizing the transformer to control the position of the electrode with respect to the charge.

1,572,635. WINDOW-REGULATOR LOCK. ROBERT W. BOSTWICK, Detroit, Mich. Filed Sept. 24, 1923. Serial No. 664,558. 3 Claims. (Cl. 192—8.)



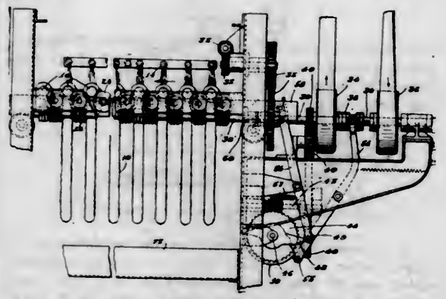
1. The combination with a gear rotatable in opposite directions for raising and lowering a window, of a stationary ratchet wheel, a disk between said ratchet wheel and gear and connected to the latter, pivoted pawls upon said disk and engageable with the teeth of said ratchet wheel on opposite sides of its axle, means for yieldably forcing said pawls into engagement with the teeth, and an operating member having an alternative driving contact with the free ends of said pawls for releasing either of said pawls and subsequently rotating said gear in either direction through the released pawl and said disk.

1,572,636. ADJUSTABLE PIPE HANGER. CHARLES J. BRANCH, Philadelphia, Pa. Filed Mar. 29, 1924. Serial No. 702,934. 1 Claim. (Cl. 248—31.)



In a device of the character stated, the combination of a support, a threaded rod carried thereby, a nut threaded upon said rod, a pipe hanger having a bifurcated and an apertured head through which said bolt has free passage, said nut being accommodated within said bifurcated portion, which latter is of a dimension in excess of the thickness of said nut, and an upper curved locking shoulder for said nut.

1,572,637. APPARATUS FOR THE CONTINUOUS TREATMENT OF TEXTILE FIBERS IN SKEIN FORM. JOSEPH BRANDWOOD, Newton, Mass. Filed Sept. 21, 1925. Serial No. 57,506. 6 Claims. (Cl. 8—19.)



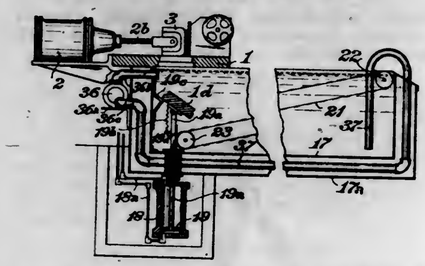
1. Apparatus for fluid treatment of material comprising rods for holding the material; supporting rollers between which the rods are positioned, arranged in series with the rods side by side; and means to push the rods against and over the said rollers, thereby advancing each along the series while supported by one of said rollers.

1,572,638. PROCESS FOR THE MANUFACTURE OF SALTS OF UREA. JOSEPH BRESLAUER and CHARLES GOUDET, Geneva, Switzerland, assignors to Société d'Etudes Chimiques pour l'Industrie, Geneva, Switzerland, a Corporation of Switzerland. Filed May 2, 1922. Serial No. 557,964. 3 Claims. (Cl. 260—125.)

1. A process for the manufacture of insoluble salts of urea from cyanamides consisting in producing a concentrated solution of free cyanamide of extraction and

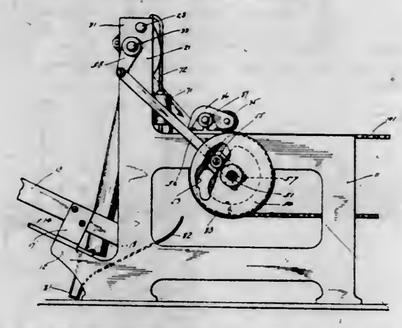
adding thereto sulphuric acid and a quantity equivalent to this acid of a salt containing the acid radical of the salts of urea to be prepared so as to convert the solution directly into the salt.

1,572,639. SPRING-FORMING MACHINE. THOMAS F. BUCKLEY, Scranton, Pa. Filed Oct. 9, 1924. Serial No. 742,598. 5 Claims. (Cl. 266—6.)



2. In a spring-forming machine, the combination with an oil tank, a table above the same, and spring-shaping means on said table, of a section in said table capable of being lowered into said tank and tilted, a conveyor in said tank, a common means to actuate said section and conveyor, and means on the tank to tilt said section as it is lowered.

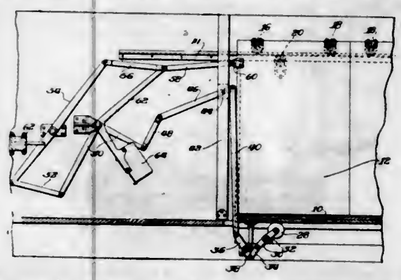
1,572,640. AUTOMATIC SHEET-FEEDING DEVICE. WILLIAM F. BUTLER, Hillside, N. J., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Oct. 20, 1923. Serial No. 669,825. 16 Claims. (Cl. 271—27.)



1. In a sheet feeding mechanism the combination of a stack holder for holding a stack of sheets in upright position and in bowed formation with their rear faces concave and with the sheets resting upon their lower edges, the rear of said stack being substantially open and said stack holder permitting the insertion of quantities of sheets in the front thereof, and means for successively withdrawing the sheets from the back of the stack and in an initial direction substantially at right angles to the plane of the individual sheet.

1,572,641. DOOR. JAMES DART, Chicago, Ill. Filed Apr. 12, 1924. Serial No. 706,015. 6 Claims. (Cl. 268—8.)

1. In a device of the class described, in combination, a wall having an opening, a vertically movable sill under said opening, gangplanks extending in opposite directions from said sill, fixed supports for the remote ends of said gangplanks, the proximate ends of said gangplanks resting on said sill, a slidable door for said opening, tension means supporting said sill, a fixed pivot, a rotatable member on said pivot rotated by said tension member, a second fixed pivot above the door, a crank arm on said pivot, a link pivoted to said rotatable member and crank arm, means for adjusting the effec-



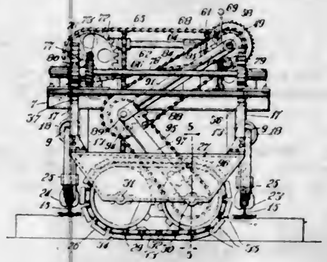
tive length of said link, a long arm projecting down from said second pivot beside the door, and an extension pivotally connected to the door and said long arm, said extension and said adjustable link being both almost in alignment with the parts actuating them when the door is closed.

1,572,642. WINDOW-SHADE BRACKET. DAVID Z. EVANS, Philadelphia, Pa. Filed Feb. 19, 1923. Serial No. 619,811. 2 Claims. (Cl. 156—24.)



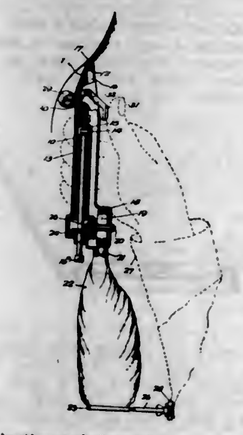
1. A window shade bracket formed from a single piece of wire the free end portion of which is screw threaded, the said wire then extending rearwardly and being doubled over upon itself to form a roller pin receiving portion of several thicknesses, the said wire then being extended forwardly towards the screw-threaded portion and being twisted to form a reinforced stem, one of the wires comprising said stem thereafter being spirally wound to form a substantially circular head arranged transversely with respect to said screw threaded stem.

1,572,643. TRACK SHIFTING AND RAISING MACHINE. BENJAMIN HARRISON FALKNER, Cleveland, Ohio, assignor to Western Wheeled Scraper Company, Aurora, Ill., a Corporation of Illinois. Filed May 25, 1925. Serial No. 32,705. 28 Claims. (Cl. 104—7.)



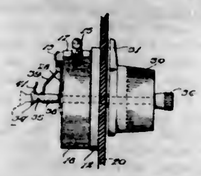
9. A track shifting machine comprising a wheeled truck adapted to run on a track and having means for attaching the track thereto, a tractor disposed transversely of the truck and movable vertically relatively thereto between the rails of the track, and power operated means for propelling the tractor.

1,572,644. HAIR CUTTER. WILLIAM W. FARNSWORTH, Chicago, Ill. Filed Mar. 24, 1924. Serial No. 701,373. 7 Claims. (Cl. 30—1.)



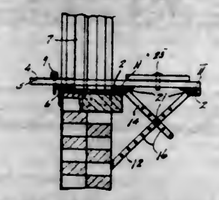
1. In combination a hair cutter, a conduit associated with the cutter, the inlet of the conduit being disposed adjacent the cutting edge of the cutter, means for creating a suction in the said conduit, the said conduit receiving the hair directly it is severed, a receptacle with which the said conduit has communication for delivering the hair thereinto, and means for supporting the said receptacle from the person of the operator.

1,572,645. COMBINED RHEOSTAT AND SWITCH. JOHN V. FRANCESCO, Brooklyn, N. Y. Filed Dec. 10, 1924. Serial No. 755,042. 7 Claims. (Cl. 201—55.)



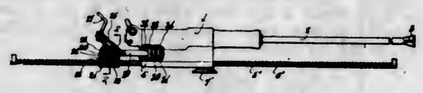
5. In a variable resistance unit, a resistor, resistance varying means associated therewith and including a shaft rotatable for varying the effective resistance of said resistor, and means reciprocable independently of said shaft for breaking a circuit through the resistor and through the latter means.

1,572,646. WINDOW JACK. EDWARD FRANKLIN GAMBER, Shamokin, Pa. Filed Apr. 11, 1925. Serial No. 22,448. 1 Claim. (Cl. 304—27.)



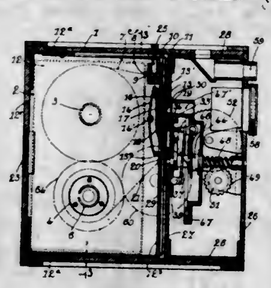
A device of the kind described, comprising two planks adapted for positioning side by side across a window sill, the planks being provided at their inner ends with a series of laterally aligned stay pin holes; strap hinges connecting the planks at their under adjacent side edges, the joints of the hinges being offset at right angles from the hinge bodies; brace bearing lugs mounted at the outer side edges of the planks, the same being provided with tie rod eyes; a pair of legs provided medially with a series of laterally aligned tie rod holes and having eyes in their outer ends registering with the eyes of the outer brace lugs; a pair of braces provided medially with a series of laterally aligned tie rod holes and having eyes in their ends registering with the eyes of the inner brace lugs; three tie rods having threaded ends, the ends of the two upper rods being adapted for insertion through the tie rod eyes of the said lugs and the ends of the lower rod through the tie rod holes of the angularly crossed legs and braces for locking the same together, the said lower rod having stop shoulders immediately back of its threaded ends; nuts for the ends of the said rods; stay pin plates mounted on the inner ends of the planks over the said stay pin holes and having holes therethrough registering therewith; and stay pins adapted for insertion through the said stay pin holes.

1,572,647. FEED MECHANISM. ELMER G. GARTIN, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed May 23, 1921. Serial No. 471,897. 8 Claims. (Cl. 255—45.)



1. In a drilling mechanism, an impact motor including a casing, a support on which said motor is movable, and fluid cushioning means between said motor casing and said support including a longitudinal bore in said motor casing, a connecting arm extending forwardly into said bore, a member carried by said arm and slidably mounted in said bore, and means for admitting pressure fluid to said bore.

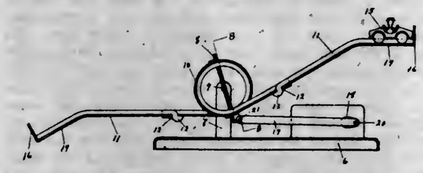
1,572,648. APPARATUS FOR TAKING CINEMATOGRAPHIC VIEWS. PIERRE SYLVAIN GAUDIAT, Paris, France, assignor to Pathe Cinema, Anciens Etablissements Pathe Freres, Paris, France. Filed Jan. 26, 1923. Serial No. 615,165. 3 Claims. (Cl. 88—17.)



1. In a cinematographic apparatus for taking views, the combination with an outer protecting box of a driving mechanism in said box for feeding the film, a removable loader adapted to be inserted into said box, means carried by said loader for centering it within said box, a winding-up spindle rotatably mounted in said loader, means for automatically coupling up said spindle with the said driving mechanism when the loader is inserted into the outer box, a light tight interchangeable magazine adapted to contain the unwinding and the winding up film spools and to be inserted into said loader, means

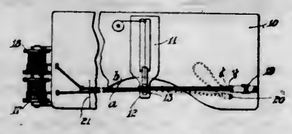
provided on the winding-up spool for automatically frictionally coupling up the latter with the said spindle when the interchangeable magazine is inserted into the removable loader.

1,572,649. MECHANICAL TOY. LESTER S. GUNDERMAN, Pittsburgh, Pa. Filed July 16, 1925. Serial No. 43,960. 5 Claims. (Cl. 104—55.)



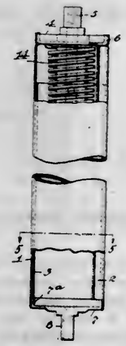
1. A mechanical toy comprising a base, a track having reversely inclined surfaces, having a loop therein and pivotally supported in the center thereof above the base, car retaining terminals at each end of the track, operating means supported on the base to alternately elevate the ends of the track and a car adapted to roll on the track.

1,572,650. ART OF MAKING LIGHTING-OUTFIT FESTOONS. LESTER HAFT, New York, N. Y., assignor to Haft, Wood & Co., Inc., New York, N. Y., a Corporation of New York. Filed May 14, 1925. Serial No. 30,201. 6 Claims. (Cl. 140—71.)



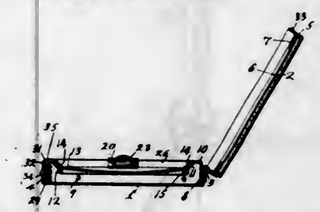
1. The method of making lighting outfit festoons which comprises forming and bonding the loops in one of its lead wires at a given point and as each loop is completed moving the lead wires along a measured distance and in so doing folding the leads between and gathering together the finished loops.

1,572,651. SHADE ROLLER. STEWART H. HARTSHORN, Short Hills, N. J., assignor to Stewart Hartshorn Company, East Newark, N. J., a Corporation of New Jersey. Filed Aug. 6, 1923. Serial No. 655,850. 5 Claims. (Cl. 156—25.)



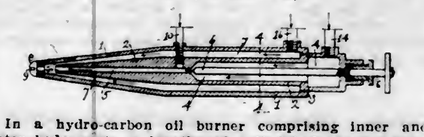
1. A device of the character described, comprising a vertically arranged cylindrical member, there being a longitudinal groove in the surface of the member, said groove being of less length than the member whereby a wall is formed at one end of the groove, and an element carried in the groove, said element engaging the wall whereby the element will be supported thereby, the width of the groove being greater than the lateral dimension of the element.

1,572,652. LOOSE-POWDER VANITY BOX. BURDON P. HYDE, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Feb. 20, 1925. Serial No. 10,467. 7 Claims. (Cl. 132—83.)



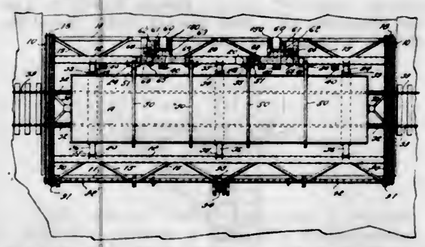
1. In a loose powder vanity case, the combination of a body and a cover, one of these parts forming a powder compartment, a member in the powder compartment pivotally associated therewith on a hinge, and a puff retaining member carried by the hinge and extending inwardly over a puff carried in the powder compartment.

1,572,653. HYDROCARBON-OIL BURNER. HANS W. JAEGER, Tacoma, Wash. Filed Mar. 17, 1925. Serial No. 16,120. 1 Claim. (Cl. 158—74.)



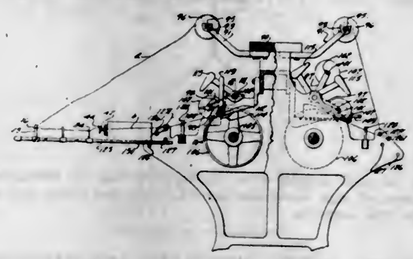
In a hydro-carbon oil burner comprising inner and outer body parts, a lengthened cylindrical steam receiving chamber within said inner body part, a valve controlled steam and air pipe into said chamber, a valve controlled tubular nozzle outlet from said steam chamber, a valve controlled oil and a valve controlled water supply into said tubular nozzle outlet, an annular air receiving channel and nozzle between said inner and outer body parts, a valve controlled air pipe into said annular air channel and nozzle, and said annular air nozzle adjacent to and surrounding the tubular nozzle outlet from said steam chamber, at which joint all the elements of combustion will be vaporized, heated, and mixed, prior to passing through the discharging nozzle of said oil burner.

1,572,654. CAR-DUMPING APPARATUS. ROBERT W. KALTENBACH, Cleveland Heights, Ohio, assignor to The McMyler-Interstate Company, Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 10, 1923. Serial No. 679,629. 35 Claims. (Cl. 214—55.)



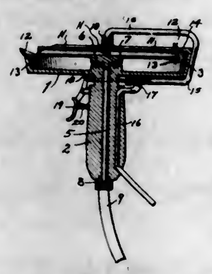
1. In a car dumping apparatus, the combination of a cradle adapted to tip and provided with means to support a car, clamp for such car, a motor connected with such clamp, and means controlled by the tipping of the cradle for controlling the motor.

1,572,655. MACHINE FOR UNITING THREADS OR CORDS. WILLIAM H. PEARSON and TIMOTHY J. KELLY, Passaic, N. J., assignors to Brighton Mills, a Corporation of New Jersey. Original application filed Apr. 12, 1921, Serial No. 460,725. Divided and this application filed Dec. 1, 1921. Serial No. 519,257. 4 Claims. (Cl. 117—6.)



1. In a machine for winding and uniting threads, the combination of a plurality of supply spools located side by side on an upper level, a corresponding plurality of winding spools located side by side on a lower level, devices which may be rendered individually inoperative, for rotating the winding spools, a guideway extending along in front of the spools, and a thread uniting device which untwists and retwists the threads as a part of the thread uniting operation, movable back and forth along the guideway at a still lower level.

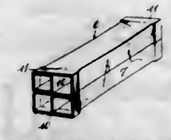
1,572,656. SPRAYING DEVICE. NORMAN W. KREUDER, Chicago, Ill. Filed July 6, 1925. Serial No. 41,526. 7 Claims. (Cl. 91—44.)



1. In a device of the class described, a casing having a radial outlet, a fluid supply-pipe, a rotatable shaft, a member on the shaft in the casing communicating with the supply-pipe and having a plurality of discharge orifices in line with the outlet, and cups mounted on said member to ride on said casing to normally close said orifices and to periodically open the latter when the cups register with said radial outlet.

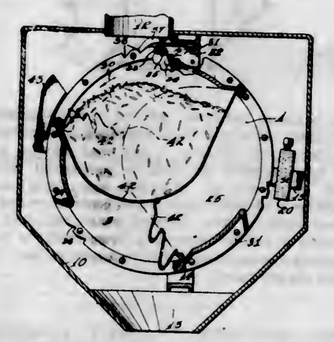
1,572,657. RADIATOR. HUGO KURTZNER, Cleveland, Ohio. Filed Apr. 3, 1924. Serial No. 703,976. 1 Claim. (Cl. 257—128.)

A radiator unit formed of a single sheet of metal substantially rectangular in configuration, said sheet being bent right angularly in opposite directions at points spaced from the center to form a central wall, said sheet being again bent right angularly at points spaced from the first named bending points to form side walls parallel with the central wall, the side wall portions being bent right angularly toward the first bending points to form wall portions co-acting with the portions between the first and second bends to form additional side walls, the sheet then having its ends bent inwardly upon opposite faces of the central wall to the medial point of the latter, then bent outwardly in opposite directions to form short walls at right angles to the central wall, and lastly, said sheet being bent at right angles to the short walls



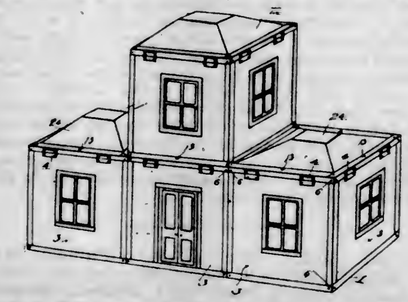
and upon the inner faces of the first named side walls and terminating at the third named bending point, the ends of said unit being of greater area than the intermediate portions.

1,572,658. WEIGHING DEVICE. WIGGERT LANGERAK, Pella, Iowa, assignor of one-half to Meyer Langerak, Pella, Iowa. Filed May 29, 1924. Serial No. 716,815. 17 Claims. (Cl. 249—19.)



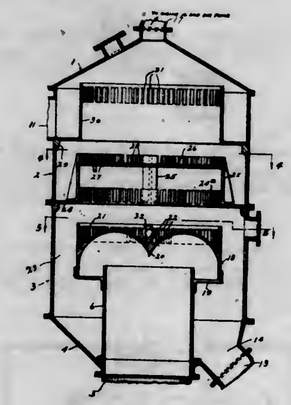
1. A weighter rotor having a plurality of pockets therein, a flexible element forming the bottom of said pockets whereby the flexible element may when the rotor is in one position partially extend into the space previously occupied by another of the pockets and when in another position extend into the space of a different pocket.

1,572,659. BUILDING CONSTRUCTION FOR TOYS. JOSEPH M. A. LARKIN, New York, N. Y. Filed Jan. 30, 1923. Serial No. 615,823. 6 Claims. (Cl. 46—35.)



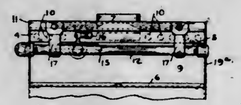
1. A building construction for toys comprising a plurality of reinforcing elements, rectangular strips having depressed end portions, the depressed portions of adjacent strips engaging with each other, and one of said reinforcing elements, and secured to and held by said reinforcing element to form the frame work of said construction detachably hinged to said framework so formed.

1,572,660. CONDENSER. MARTIN J. LIDE, Birmingham, Ala. Filed Sept. 20, 1920. Serial No. 411,624. 4 Claims. (Cl. 261—109.)



1. In a steam condenser of the counter-current type, a cylindrical condenser body having a concentric steam inlet entering its bottom, a top wier having a water supply for marginal jet slots, a perforated spray pan disposed to receive the discharge from said slots and to discharge a shower through the central portion of the condenser body, a wier adapted to receive said shower and having a bottom forming a dome designed to divert the entering steam outwardly with a reverse flow inwardly into said shower space.

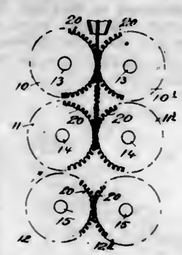
1,572,661. GAS STOVE. WALTER C. LINDEMANN, Milwaukee, Wis. Filed Feb. 17, 1925. Serial No. 9,749. 15 Claims. (Cl. 126—39.)



1. In a gas stove, a cooking top provided with cooking holes adapted to be closed, means for closing the same, a bottom member beneath said top and spaced therefrom, a stove frame comprising back and side members forming with said top and bottom a substantially unobstructed burner box and heat generating and distributing chamber extending from front to back of the stove, said box being open at its front, a burner located in the forward part of said space intermediate said top and bottom and in proximity to and below the top of the said open front, and having its top in free communication with said space and with the said top vertically and laterally, said open front admitting air directly to the top of and below said burner.

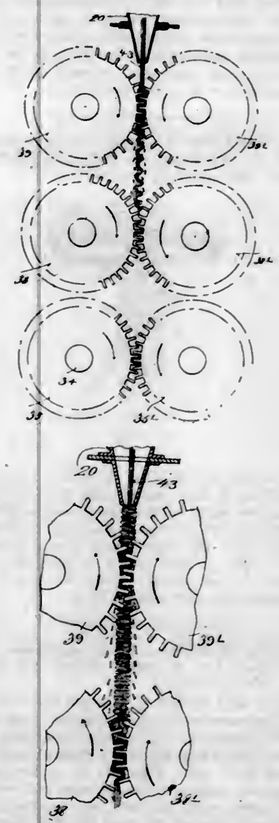
1,572,662. MEANS FOR CLEANING FIBROUS MATERIALS. GEORGE A. LOWRY, New York, N. Y., assignor to John J. Feuge and L. Richmond Browne, both of New York, N. Y. Filed Sept. 6, 1924. Serial No. 736,264. 12 Claims. (Cl. 19—30.)

1. In a machine for cleaning the woody part from the fibrous part of plant stalks, the combination of a plurality of members rotatably mounted in pairs, means for causing said members to move periodically in one direction alternated with intermittent movement of said members in the other direction, the relative movement of said pairs of rods being such as will cause the plant stalk to be folded transversely of its forward movement.



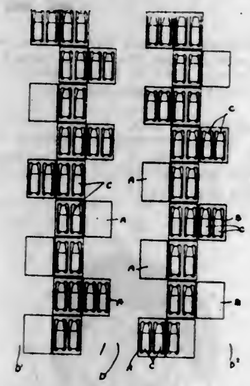
to be then subjected to end-on breaking or disruptive action of said successive rolls to strip the chives out of the fiber material.

1,572,663. METHOD OF CLEANING AND PREPARING FIBROUS MATERIALS. GEORGE A. LOWRY, New York, N. Y., assignor to John J. Feuge and L. Richmond Browne, both of New York, N. Y. Filed Sept. 6, 1924. Serial No. 736,265. 11 Claims. (Cl. 19—32.)



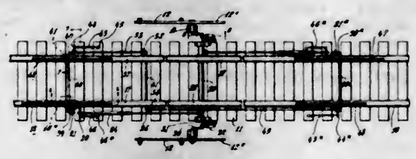
1. The method of preparing for spinning and weaving the fiber from fibrous plants, which comprises bending the fiber stalks to break the woody material of said plants, then folding said bent or ruptured portions upon themselves and subjecting said folded parts to end thrusts and repeating the bending and the end thrusts to thereby free and remove the woody matter from the fiber.

1,572,664. AUTO PARKING SYSTEM. JOSEPH L. LYNCH, Oak Park, Ill. Filed Jan. 11, 1924. Serial No. 685,506. 2 Claims. (Cl. 214—16.)



2. In a garage, a series of car elevating and parking units, wherein successive units in one line have each another unit laterally adjacent thereto, but on alternate sides of said line, each unit having sustaining platforms.

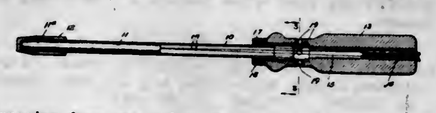
1,572,665. AUTOMATICALLY-OPERATED SAFETY GATES. WILLIAM THOMAS MCDUFFEE, Pensacola, Fla. Filed Jan. 6, 1925. Serial No. 783. 6 Claims. (Cl. 246—293.)



3. The combination with a railroad track of crossing protecting gates and means for automatically lowering and raising said gates, said means comprising a recessed rail section, a trigger pivotally mounted therein for engagement by the wheels of a train unit, a counterbalanced gate located on each side of the track, said trigger being distant from said gates, a device associated with the track for engagement by said trigger, means for operatively connecting said device to both of said gates whereby the movement of the trigger under pressure will actuate said device to transmit motion through said connecting means to lower the gates, means functioned by the movement of the train unit along the rails to lock the gates in lowered position and means, including a weight actuated trigger, for releasing said locking means and permit the gates to ascend.

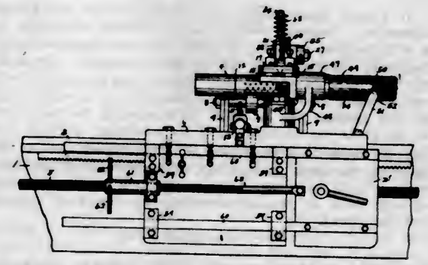
1,572,666. SOLDERING IRON. JOHN E. MARSDEN, Philadelphia, Pa. Filed Feb. 11, 1925. Serial No. 8,361. 2 Claims. (Cl. 113—105.)

1. The herein described soldering iron comprising a shank, a point, a handle for the shank arranged to surround a portion thereof and to lie in spaced relation thereto, and a heat insulating member fitted between the shank and the handle to reduce the transfer of heat from the shank to the handle, said insulating member having direct contact with the handle and the shank in said space to support said shank and having grooves



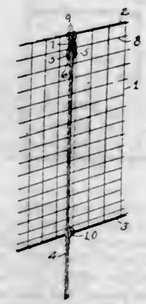
running from one end to the other and communicating with the exterior to permit of circulation of air between the shank and the handle and to reduce the transference of heat therebetween.

1,572,667. WIRE-WINDING MACHINE. EMIL H. MEYER, Saratoga, Tex. Filed Dec. 22, 1923. Serial No. 682,139. 3 Claims. (Cl. 29—33.)



1. In a wire winding machine, a die roller having a peripheral groove, a punching roller spaced from the die roller, projecting punches radiating from the punching roller, and aligned with said groove, spindles on which said rollers are mounted, said spindles having internal annular oil chambers provided with inlet ducts, bearing sleeves on which the spindles are mounted, said sleeves having oil ports, bearing rods on which the sleeves are mounted, and a frame in which said rods are mounted.

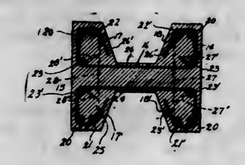
1,572,668. FENCEPOST. HERBERT A. MOREHOUSE, Hastings, Mich. Filed July 7, 1924. Serial No. 724,649. 5 Claims. (Cl. 256—33.)



2. A fence post comprising twisted strands having an untwisted connecting loop at the top thereof folded downwardly with the arms of the loop on opposite sides of the post providing a downwardly opening fence engaging clamp under which longitudinal strands of a fence may be engaged and acting to clamp the same upon the side of the post, one of the twisted strands of the post having a kink therein disposed downwardly at the side of the post providing a facing fence strand engaging member.

5. A fence post comprising twisted strands having untwisted portions at the top thereof folded downwardly on opposite sides of the post providing a downwardly opening clamp under which portions of a fence may be engaged.

1,572,669. REENFORCED-CONCRETE POST. KARL MÜLLER, Detroit, Mich. Filed Aug. 13, 1924. Serial No. 731,705. 3 Claims. (Cl. 72—85.)

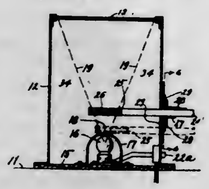


1. A post formed from concrete or the like and having oppositely disposed web-forming portions connected by a neck-forming portion; reenforcing rods projected longitudinally through said web-forming members, the number and location of said reenforcing rods in each of said web-forming members being duplicated at opposite sides of the medial line of said neck-forming portion; and wires projected through said neck-forming portion and bent at opposite ends around the reenforcing rods in the opposite web-forming members, said wires being projected through said neck on the same side of the medial line of said neck as the reenforcing rods embraced thereby are positioned.

1,572,670. INCANDESCENT LAMP. RALPH EMERSON MYERS, East Orange, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed June 25, 1921. Serial No. 480,469. 6 Claims. (Cl. 176—16.)

1. An electric device having an envelope filled with hydrogen and resistant to the chemical action thereof, whereby blackening of the envelope during operation of the device is avoided.

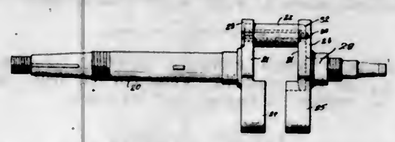
1,572,671. MAP HOLDER AND MAGNIFIER. ROY A. MYERS, St. Paul, Minn. Filed Sept. 19, 1924. Serial No. 738,646. 3 Claims. (Cl. 88—24.)



1. A rond map holder comprising an inclosure having a translucent sight glass in its top and a lamp in its bottom, and a translucent map smaller than the sight glass interposed between the sight glass and the lamp, and means for readily adjusting the map film in any direction in its own plane, and means for adjusting the film toward and away from the sight glass, and means for holding the adjusting means yieldingly yet firmly against accidental movement.

1,572,672. ENGINE CRANK SHAFT. JOHN NEWMANN, Brooklyn, N. Y. Filed June 30, 1921. Serial No. 481,499. 8 Claims. (Cl. 74—38.)

1. A crank shaft for engines comprising a shaft, a crank-throw made on the shaft, a crank-pin made a part of the crank-throw and provided with a longitudinal bore made therethrough, a removable counterweight disposed on the shaft and lying adjacent the crank-pin, and a screw disposed through the bore to secure the counterweight.

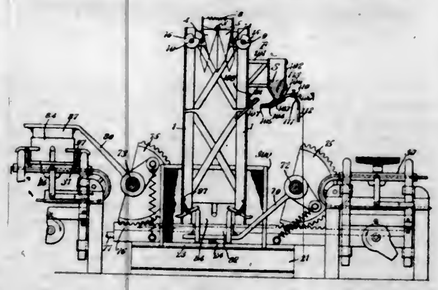


1,572,673. INTERRUPTER. PAUL A. NEWMAN, Germantown, Pa., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 29, 1923. Serial No. 683,300. 14 Claims. (Cl. 200—144.)



4. In an interrupter, the combination of conducting segments, resistance units connecting them together and a body of insulating material holding said segments and resistance units together.

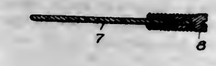
1,572,674. SANDING APPARATUS FOR MOLDING MACHINES. CHARLES L. NORTON, Boston, Mass. Original application filed Dec. 14, 1922, Serial No. 606,869. Divided and this application filed Oct. 13, 1924. Serial No. 743,192. 7 Claims. (Cl. 25—116.)



1. A machine of the type having means for freely dropping a charge of material from a height into a mold box to fill the latter comprising means for supporting the mold box below the charge-dropping means, and means for delivering material into the empty mold box for coating the interior of the latter while so supported.

1,572,675. SPRING FOR WIND INSTRUMENTS. CHARLES H. NORTON, Brooklyn, N. Y. Filed Nov. 1, 1924. Serial No. 747,200. 3 Claims. (Cl. 84—380.)

3. In a spring structure for a wind instrument which includes a post and a shaft provided with an operating arm, rotatably borne by said post, said post being provided with an internally screw-threaded perforation, being a resilient rod externally screw-threaded at its base and removably seated in such perforation in the post and at its remote end adapted to engage the operating arm of the shaft first named.



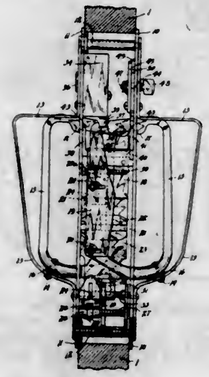
1,572,676. ELECTRIC BLASTING CAP. ALBERT LESLIE OLIVER, Oakland, Calif., assignor to California Cap Company, Oakland, Calif., a Corporation of California. Filed May 2, 1925. Serial No. 27,443. 1 Claim. (Cl. 102—9.)



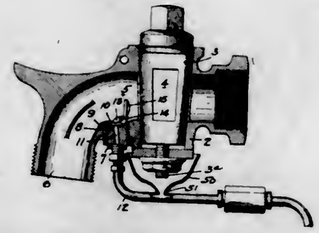
A device for the described purpose comprising a fuse; a detonating member associated with one end thereof; a closed shell fitted to the other end of said fuse, said shell having a vent in its wall; an inflammable substance within said shell for igniting said fuse; electrical means for igniting said inflammable substance; filtering material within said shell between said inflammable substance and said vent; and a burstable sealing member for normally closing said vent comprising a sheet of flexible material applied to the exterior of said shell, said sheet having its exposed edges permanently joined to said shell, its central region being free to expand away from said shell before bursting.

1,572,677. DOOR LOCK. CARL PETERS, Sherburn, Minn. Filed July 26, 1923. Serial No. 653,908. 14 Claims. (Cl. 70—29.)

1. A door lock comprising spaced plates adapted to be disposed at each side of the door, oscillating handles carried by said plates and movable in planes perpendicular to the sides of said door, a reciprocating means disposed and bodily movable vertically between said plates, means connecting said reciprocating means to said handles, a latch movable laterally between said plates, means connecting said latch to said reciprocating means, means carried by one of said plates movable to engage both of said handles to prevent movement thereof and of said latch, and a handle at the outer side of said plate for operating said means carried by said plate.



1,572,678. DEVICE FOR PREVENTING LOSS OF LIQUID BY LEAKAGE FROM A VALVE. MARINO E. PORDON, Alameda, Calif. Filed Jan. 5, 1921. Serial No. 435,133. 5 Claims. (Cl. 277—52.)

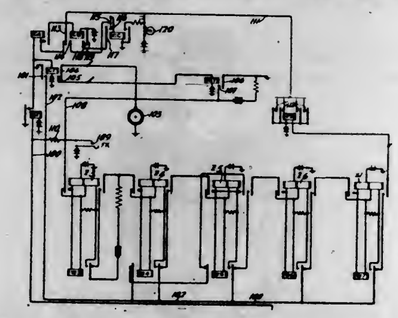


1. In a valve structure for controlling the flow of a liquid, means providing an inlet, means providing an outlet, a valve for connecting and disconnecting the inlet and the outlet, a drain device having an opening communicating with the outlet, and means operated by the pressure of the liquid flowing through the outlet for controlling the drain opening.

1,572,679. TELEPHONE-EXCHANGE SYSTEM. ALBERT C. POWELL, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 23, 1923. Serial No. 676,478. 12 Claims. (Cl. 179—27.)

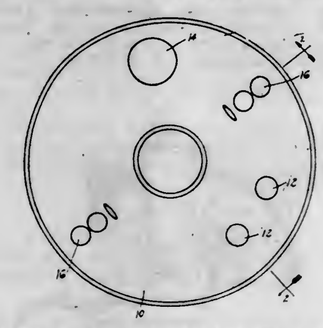
1. A telephone system comprising a calling line, an impulse sender, an impulse relay, a circuit including the calling line and the impulse relay controlled by the impulse sender, a plurality of selector switches operable in sequence, a slow relay, an impulse circuit including one of the selector switches and the slow relay controlled by the impulse relay for setting the selector switch and operating the slow relay, means controlled by the joint action of the slow relay and of each selector switch in sequence excepting the last, for substituting the next succeeding selector switch in the sequence for the prior

selector switch at the end of the corresponding impulse train until all the required selector switches in the train have been properly set, means for indicating the progress



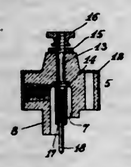
of a call, manually controlled means for releasing the selector switches, a called line, manually controlled means for linking the calling and called lines together, and signaling means for summoning the called line.

1,572,680. BRAKE-BACKING PLATE. JACOB L. PRICE, Chicago, Ill., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 17, 1925. Serial No. 50,697. 3 Claims. (Cl. 188—2.)



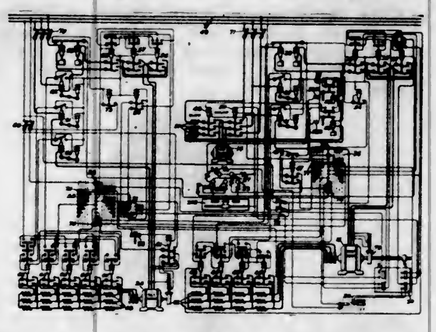
1. A backing plate for a brake arranged to be engaged at spaced points by anchoring means and brake-applying means, and having openings at a point between the anchoring means and brake-applying means which are plugged with material having different physical characteristics, to prevent drumming.

1,572,681. OILING DEVICE. WALTER A. RARIG, Oakland, Calif. Filed Sept. 20, 1923. Serial No. 663,792. 3 Claims. (Cl. 123—196.)



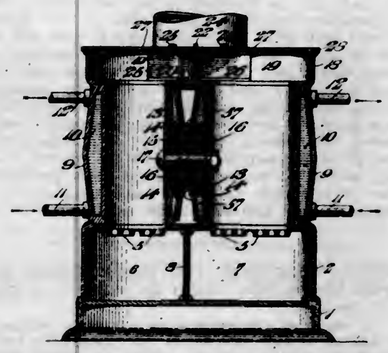
1. An oil conducting terminal electric plug comprising a plug body entirely of insulating material in one piece having a bottom surface adapted to seat directly on an engine housing and having an annular extension below the bottom of the plug adapted to project into an aperture in a transmission casing, and a top surface through which bolts are adapted to pass to clamp the plug to a housing, a central bore extending upward a considerable distance from the base of the plug and a lateral passage for exit of oil at the upper part of the bore, a metal pin having a shoulder bearing against the top of the bore with a stem extending upward through the body of the plug having a clamp nut and a thumb nut at the upper end, a central longitudinal bore in the pin, a metal uninsulated contact pin inserted in the said bore of the pin and a compression spring in the said bore bearing on the head of the said contact pin.

1,572,682. MOTOR-CONTROL SYSTEM. WILLIAM C. RAUBE, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Aug. 5, 1925. Serial No. 48,379. 7 Claims. (Cl. 214—47.)



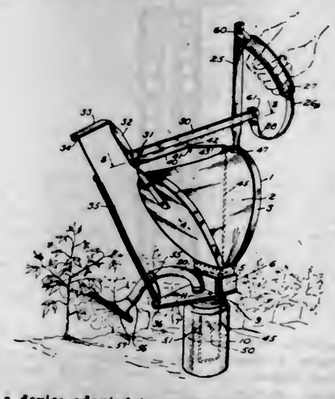
1. In a system of control for effecting the unloading of a carrier, a motor for clamping the carrier in position to be hoisted, a motor for hoisting the carrier to permit the material to spill from the carrier, a common controller for said motors, and means comprising switch mechanism and connections cooperating with said controller whereby operating said controller effects the energization of the clamp motor until the clamping operation is completed and then the automatic energization of the hoist motor.

1,572,683. COMBINATION HOT-WATER STOVE. SAMUEL V. REEVES, Haddonfield, N. J. Filed Apr. 26, 1922. Serial No. 556,722. 3 Claims. (Cl. 126—5.)



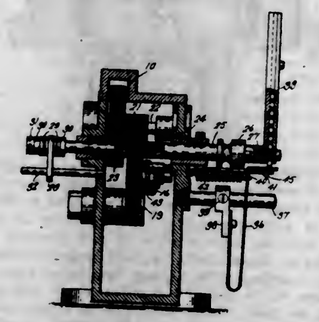
1. A combination hot water stove having a single base unit, a single, independent base top unit mounted thereon, a pair of independent grates, a pair of individual, cored fire pot units mounted upon said base top, there being a separate grate for each unit, a water chamber surrounding each fire pot, a bolt and nut for securing said fire pot units together as a single unit, a top member constituting an independent unit having a chamber communicating with said fire pots all of said units being separably fitted together in superimposed relation, a single discharge flue, and independent dampers for controlling the exit of products of combustion from said fire pots to said discharge flue.

1,572,684. POWDER SPRAYER. JOHN A. RHODES, Atlanta, Ga., assignor of one-half to Joseph S. Reynolds, Atlanta, Ga. Filed June 23, 1924. Serial No. 721,801. 6 Claims. (Cl. 43—147.)



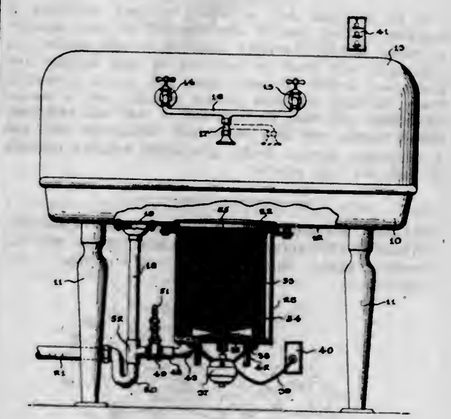
5. In a device adapted to spray powder on plants and the like, the combination of a container for said powder; a bellows like pump associated with said container; a vertically disposed bar projecting upwardly from one side of said bellows; a hand grip pivotally attached to the upper end of said bar, and serving to support the entire device; an inclined upwardly extending bar projecting from the opposite side of said bellows; a link pivotally connected to last named bar and said hand grip; an agitator extending into said container and pivotally connected to said last named bar, whereby when said hand grip is suddenly rocked the entire device is also rocked and said bellows and agitator are actuated.

1,572,685. TAPPING MACHINE. FRANK M. SANDERSON, Swampscott, Mass., assignor to General Electric Company, a Corporation of New York. Filed Nov. 30, 1921. Serial No. 518,939. 7 Claims. (Cl. 10—139.)



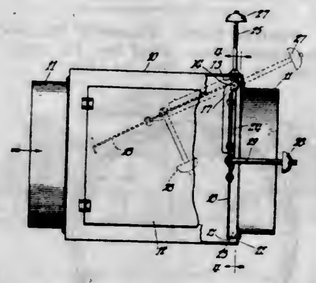
2. In a tapping machine, a thread cutting tool, a shaft having axial and rotary movement supporting said tool, a helical driving gear for the shaft, means for imparting oscillatory movement to said driving gear, a helical pinion on the shaft with which the gear meshes, said pinion being of greater length than the thickness of the gear, and means connected with the shaft for imparting thereto an adjustable braking load.

1,572,686. COMBINED SINK AND DISH WASHER. JOSEPH L. SCHERTZ, St. Louis, Mo. Filed Nov. 28, 1923. Serial No. 677,480. 1 Claim. (Cl. 141—9.)



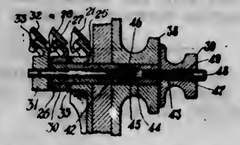
In combination with a receptacle having a large opening in its bottom bounded by a depending flange, a dish washer container below said opening, and provided with an upstanding flange extending exteriorly about said flange of said receptacle, and a substantially flat cover plate provided with a packing ring for engagement with the wall of said opening to close said container and seal same against ingress of water.

1,572,687. AUTOMATIC REGULATING DEVICE FOR HEATING SYSTEMS. HENRY SCHMELZ, Willard, N. Y. Filed Sept. 5, 1922. Serial No. 586,245. 7 Claims. (Cl. 236—45.)



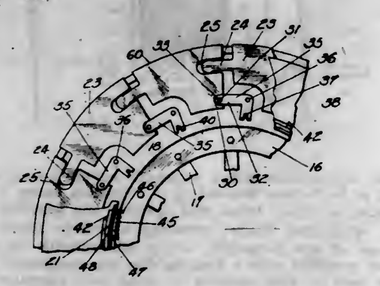
1. An automatic damper comprising in combination a housing having a hinged damper valve therein, means for balancing said valve about its axis, said damper valve being arranged to close when moved in the direction of travel of the flue gases, and a counter pressure means for balancing the damper valve responsively to the pressure of the flue gases thereon.

1,572,688. THREE-CIRCUIT COUPLER. WALTER B. SCHOEPFLER, New York, N. Y. Filed July 17, 1924. Serial No. 726,467. 4 Claims. (Cl. 171—242.)



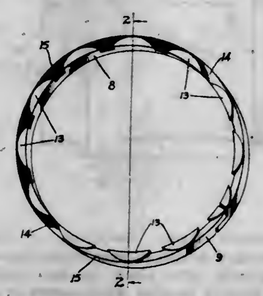
1. In a radio set, a frame element including a bracket, a fixed coupler coil mounted on said bracket, a hollow spindle rotatably mounted in said bracket, an adjustable coil fixed on one end of said spindle and positioned within the said fixed coil, a rod extending freely through the said hollow spindle, and a second adjustable coil fixed on one end of said rod and positioned within the first mentioned adjustable coil, and a relensable friction device preventing relative rotation of said rod and spindle.

1,572,689. NONSKIDDING DEVICE FOR VEHICLES. HENRY J. SCHULTE, Anaheim, Calif. Filed Feb. 20, 1923. Serial No. 620,157. 14 Claims. (Cl. 301—39.)



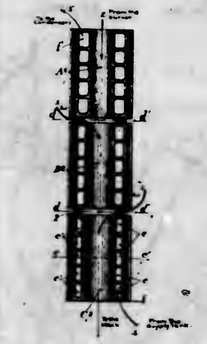
9. In combination with a vehicle wheel; an inner plate mounted to said wheel; an outer plate secured to said inner plate and spaced away from said inner plate so as to provide a space therebetween; engaging members disposed in said space, said engaging members arranged to provide a substantially continuous engaging surface; and means for projecting said engaging members in a manner to engage the surface of the road.

1,572,690. PISTON RING. FREDERICK WILLIAM SEELERT, Minneapolis, Minn. Filed Dec. 15, 1922. Serial No. 607,069. 4 Claims. (Cl. 74—109.)



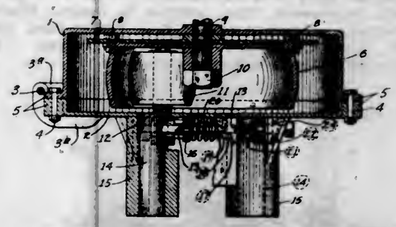
1. A piston ring having its lower face provided with a plurality of spaced bearing portions and an outer scraping edge whereby the cylinder wall may be scraped, the lower face between the spaced bearing portions being inwardly and upwardly beveled to discharge the scraped oil, and the side portion of the bearing portions being undercut to facilitate the discharge of scraped oil without reduction of bearing aren.

1,572,691. APPARATUS FOR TRANSFORMING AND DISTILLING HYDROCARBONS AND THE LIKE. ADOLPHE ANTOINE FRANÇOIS MARIUS SEIGLE, Paris, France. Filed July 16, 1920. Serial No. 396,767. 1 Claim. (Cl. 196—128.)



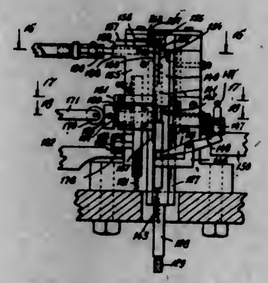
Apparatus for treating hydrocarbons and the like comprising a retort having a hollow cylindrical wall, a second hollow cylindrical wall spaced therefrom and concentric therewith, spaced annular transverse partitions between said two walls dividing the space between said walls into a series of annular chambers, a longitudinal partition between said two walls extending throughout the length of said walls, said transverse partitions having apertures situated alternately on opposite sides of said longitudinal partition whereby material to be treated may flow successively through each of said annular chambers in series and in alternately opposite directions, and means for heating the inner wall of said two walls.

1,572,692. GRINDER AND PULVERIZER. HARRY J. SHELTON, St. Louis, Mo. Filed July 17, 1922. Serial No. 575,561. 4 Claims. (Cl. 83—9.)



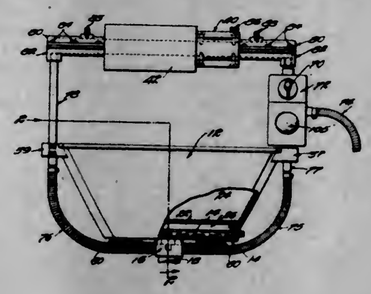
1. In a grinder and pulverizer having a housing comprising a main casting with a grinding ring rotatably mounted therein and a side casting hinged to said main casting, a pair of grinding rolls rotatably mounted to contact with the inner surface of said grinding ring at substantially diametrically opposite points thereof, each of said grinding rolls having associated therewith a shaft upon which said roll is mounted, an arm pivotally mounted on said side casting and carrying said shaft, resilient means mounted on and carried by said side casting for engaging said arm to cause its associated grinding roll to be held normally in grinding relation with said grinding ring.

1,572,693. MACHINE FOR MAKING LINK MESH. HARRY W. SMITH, Conimicut, R. I., assignor to Whiting & Davis Company, a Corporation of Massachusetts. Filed Feb. 14, 1924. Serial No. 692,719. 30 Claims. (Cl. 140—3.)



1. In a machine for making link mesh, the combination of a support for a piece of mesh, link forming devices, power driven mechanism for giving the devices and the mesh a step by step relative movement and for operating the devices in each period of rest of the movemeut to form links, a supply of solder, and means for punching discs therefrom and inserting a disc between the ends of each link as it is formed.

1,572,694. SHOE-FILLER APPARATUS. ERROL M. THOMPSON, Brockton, Mass., assignor to Thompson-Field Company, Inc., Brockton, Mass., a Corporation of Massachusetts. Continuation of application Serial No. 619,330, filed Feb. 16, 1923. This application filed June 17, 1924. Serial No. 720,571. 11 Claims. (Cl. 18—1.)



8. A shoe filler apparatus having, in combination, a receptacle for holding filler material, the bottom of said receptacle being provided with minute perforations for admitting steam vapor to the filler material therein and means for furnishing steam vapor to said receptacle through said perforations; said perforations being spaced apart a distance sufficient to prevent the running of the filler binder.

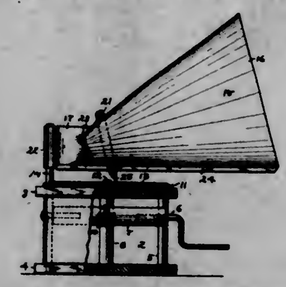
1,572,695. ELECTRIC SWITCH. OTTO H. VAN AMBURG and LESLIE A. KEMPTON, Bridgeport, Conn., assignors to General Electric Company, a Corporation of New York. Filed Dec. 8, 1921. Serial No. 520,960. 4 Claims. (Cl. 200—6.)

1. In an electric switch, the combination of stationary contacts, a pole piece movable into and out of engagement therewith, a spring for moving said pole piece with a snap action, an oscillating actuating lever connected to said spring and normally held thereby in



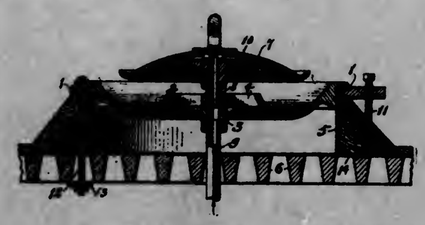
opposite positions, a spring-pressed plunger adapted to be actuated by said lever, and auxiliary contacts controlled by said plunger.

1,572,696. SOUND-REPRODUCING MACHINE. JOHN VANDERKAMP, Cleveland, Ohio, assignor, by direct and mesne assignments, to The Van Toy Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 10, 1921. Serial No. 499,744. 3 Claims. (Cl. 274—16.)



1. A sound-reproducing machine, comprising a base in combination with a sound-reproducing and amplifying horn, mounted upon said base, a needle-supporting arm extending through said horn having a bulged portion in vibrating engagement with a portion of the wall thereof.

1,572,697. OIL BURNER. WILLIAM H. VON HAGEL, Baltimore, Md. Filed Aug. 20, 1925. Serial No. 51,292. 3 Claims. (Cl. 158—80.)

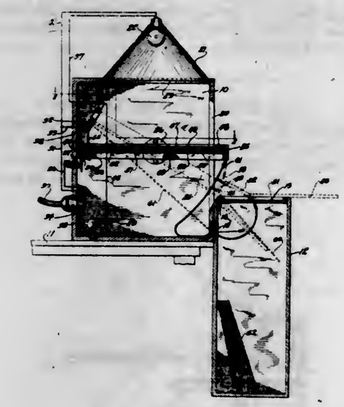


3. An oil burner for domestic furnaces, comprising a cylinder adapted to seat on the grate, a flanged pan adapted to be supported on the top edge of said cylinder, an oil spreader centrally supported in said pan, the latter having air passages leading from the grate to the underside of said spreader, bolts passed through the flange of said pan to clamp it and said cylinder to the grate, and leveling screws for said pan abutting said grate.

1,572,698. MANUFACTURE AND PRODUCTION OF ALKYL ESTERS. RUDOLF WIETZEL, Ludwigshafen-on-the-Rhine, Germany, assignor to Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany, a Corporation of Germany. Filed May 20, 1925. Serial No. 31,702. 3 Claims. (Cl. 260—106.)

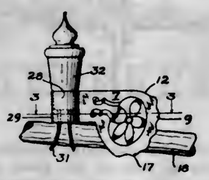
1. The process of manufacturing alkyl formates which consists in causing carbon monoxid to react on liquid alcohols in the presence of a metal alcoholate and at an elevated pressure, at temperatures ranging between about 30 and 150 degrees centigrade.

1,572,699. PHOTOGRAPHIC-PRINTING DEVICE. ALBERT WIRTHWEIN, Milwaukee, Wis. Filed Jan. 26, 1925. Serial No. 4,951. 18 Claims. (Cl. 95—73.)



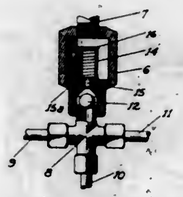
1. In a device of the character described, the combination with a printing frame supported for oscillation about a substantially horizontal axis, of an incandescent bulb arranged to illuminate a face of said frame in one position of oscillation thereof, and a switch controlling the illumination of said bulb and including a moving contact element disposed in the path of oscillation of said frame and adapted to be adjusted by the frame to switch closing position, said element including a stop member adapted to abut said frame to define said position thereof.

1,572,700. TREE-LIGHT HOLDER. WILLIAM M. YOUNG, Oakland, Calif. Filed Aug. 18, 1924. Serial No. 732,612. 2 Claims. (Cl. 248—48.)



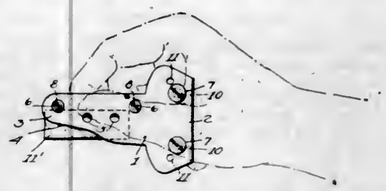
1. A tree-light holder comprising a pair of pivotally-connected spring-pressed jaw members, a receptacle for a source of light on one of said members, and sets of teeth provided on each of said members and extending transversely therefrom in cooperating relation.

1,572,701. GAS SAVER FOR INTERNAL-COMBUSTION ENGINES. HENRY ALLEC, Stockton, Calif., assignor of one-third to James A. Fenno and one-third to John Pisenti, both of Stockton, Calif. Filed Nov. 29, 1924. Serial No. 752,894. 4 Claims. (Cl. 277—70).



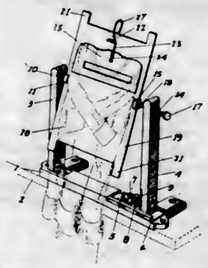
2. A suction actuated check valve structure comprising a hollow body having an opening at one end adapted for connection to the intake manifold of a gas engine and having a passage leading from its opposite end, a closely wound compression spring fixed at one end in the body and surrounding the passage into the same, and a solid cap on the opposite end of the spring, said spring being opened by reason of a sectional pressure through the opening, and set up in the body.

1,572,702. RAZOR-BLADE CUTTING AND SCRAPING TOOL. ANNIE M. BROWN, St. Louis, Mo. Filed June 17, 1924. Serial No. 720,569. 4 Claims. (Cl. 30—9.)



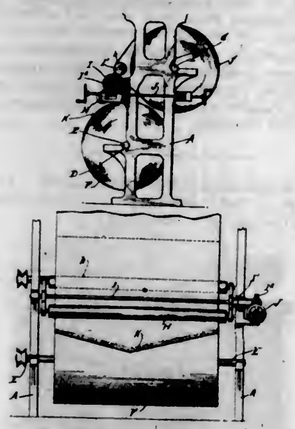
1. A device of the character described, comprising a longitudinally extending portion and a transverse portion at one end thereof, and means for clamping a blade thereon on either side of said longitudinal portion or on said transverse portion, the unoccupied portion under any condition serving as a handle.

1,572,703. DRESS AND SUIT FOLDER. BERNARD CAHN, Sacramento, Calif. Filed Sept. 17, 1923. Serial No. 663,214. 2 Claims. (Cl. 223—59.)



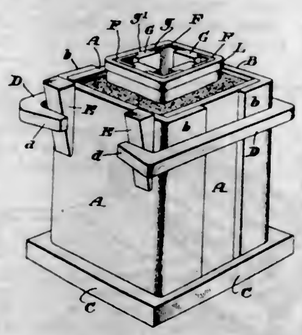
1. The combination with a support including spaced posts, of a fixed turnable clip on one post, and a turnable clip on the other post longitudinally movable in alinement with the first clip, said turnable clip being formed as a channel one side of which projects outwardly of the other side to support and guide objects into the channel.

1,572,704. PAPER FEED. CHARLES E. CARPENTER, New York, N. Y. Filed May 28, 1923. Serial No. 641,873. 4 Claims. (Cl. 242—58.)



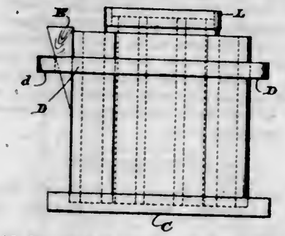
2. In web feeding mechanism the combination with web advancing means, of two sets of supply roll bearings, each set being adapted to hold a roll of web material while the web of that roll is delivered to said advancing means, and means for moving the travelling web being fed from a nearly exhausted roll mounted in either set of bearings into yielding contact with the periphery of a fresh roll mounted in the other set of bearings to thereby set the fresh roll into rotation and effect a paste bond between the travelling web and the web of the fresh roll.

1,572,705. METHOD OF MOLDING SHRINK-HEAD CASINGS. FRED H. CHAPIN, Cleveland, Ohio, assignor to The Bourne-Fuller Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 16, 1925. Serial No. 56,753. 3 Claims. (Cl. 25—155.)



1. The method herein described of making shrink head casings for ingot molds which consists in giving tubular shape to liquid or semi-plastic material while held against either expansion or contraction between rigid non-resilient inner and outer mold walls, allowing the material to partially set, harden or solidify, while so held, then releasing the material from the inner mold walls to allow the material to completely set, harden or solidify while surrounded by the rigid non-resilient outer walls of the mold, and to allow the article as a whole to contract inwardly and then separating the completed article from the outer mold walls.

1,572,706. MOLD FOR MAKING SHRINK-HEAD CASINGS. FRED H. CHAPIN, Cleveland, Ohio, assignor to The Bourne-Fuller Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 16, 1925. Serial No. 56,754. 5 Claims. (Cl. 25—121.)



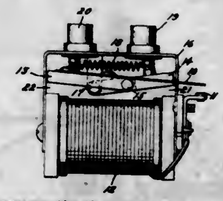
1. A mold for making shrink head casings for ingot molds comprising non-resilient outer walls composed of two sections of approximately the same size and shape and two sections of substantially the same size and shape having flanges at opposite edges which overlap the adjacent edges of the first mentioned sections, means for locking the sections in molding position, non-resilient inner walls composed of separable sections, and means independent of the first mentioned locking means for holding the inner walls in locked position.

1,572,707. DENTAL FLOSS REEL. FRANK G. DRESSER, Providence, R. I. Filed July 25, 1923. Serial No. 653,690. 1 Claim. (Cl. 242—123.)



A dental floss dispensing reel comprising two circular disks, a tubular hub interposed between said disks and holding them spaced apart, and lugs projecting from the opposite ends of said hub and extending through holes in the disks and securing them to the hub, one of said disks having a small central aperture therein adapted to receive a pivot pin to support the reel for rotation, and the other disk having a central aperture therein nearly as large as the internal diameter of the hub and affording free access to the inner face of the first disk.

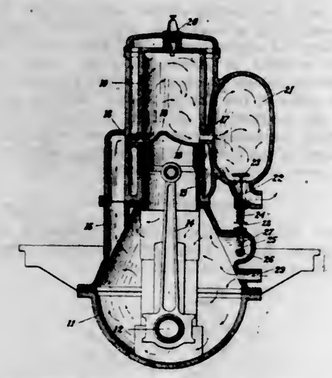
1,572,708. ELECTROMAGNETICALLY-CONTROLLED DEVICE. JOHN EATON, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Sept. 29, 1921. Serial No. 504,051. 15 Claims. (Cl. 200—94.)



1. An electromagnetically controlled device comprising a movable controlled member, a controlling electromagnet therefor having a magnetic structure, a magnetic movable member connected to the said controlled member and disposed with respect to the said magnetic structure to provide an air gap which is normally open, a second magnetic movable member cooperating with the said first magnetic movable member and disposed with respect to the said magnetic structure to provide a second air gap

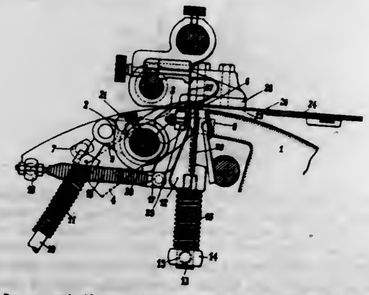
which is open when the controlled member is in a second position, and a resilient connection between the said magnetic movable members, whereby the controlled member is moved to the second position by the operation of the first of said magnetic members to close the first said air gap and magnetically held in the second position when the energization of the said electromagnet is above a predetermined minimum value, and the controlled member is operated away from the said second position by the operation of said second magnetic member due to the magnetic pull across the said second air gap when the energization of the said electromagnet is above a predetermined maximum value.

1,572,709. ENGINE. EMERY H. FAHRNEY, Chicago, Ill. Filed Dec. 10, 1923. Serial No. 679,590. 5 Claims. (Cl. 123—65.)



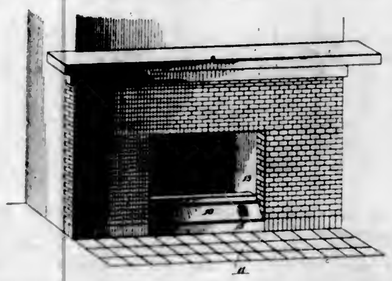
5. An explosion engine embodying a cylinder having a fuel supply inlet and an exhaust outlet, a piston reciprocable in the cylinder, a muffler chamber, the said exhaust outlet discharging into the muffler chamber, said muffler chamber itself having a discharge outlet, a valve for controlling the outlet of the muffler chamber, and means operating in timed relation with the pistons for actuating the valve, the said fuel inlet and the exhaust outlet of the engine cylinder being controlled by the piston and being out of alinement whereby the said exhaust outlet will be opened in advance of the said fuel inlet.

1,572,710. GRIPPER MECHANISM OF PRINTING PRESSES. OSKAR FINKHAUS, Wurzburg, Germany, assignor to Bohn & Herber, Maschinenfabrik und Eisengiesserei, Wurzburg, Germany, a Kommanditgesellschaft of German Law. Filed Aug. 2, 1924. Serial No. 729,813. 9 Claims. (Cl. 101—410.)



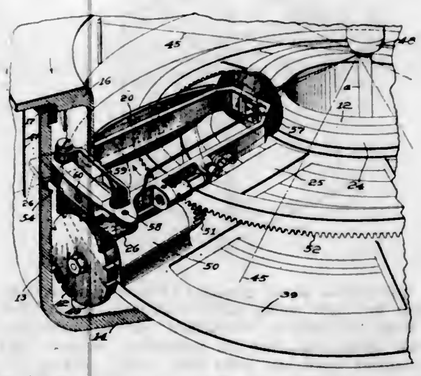
1. In a printing press comprising a frame, a rotary printing cylinder supported in said frame, a gripper spindle rotatably supported within and rotating with said printing cylinder, grippers mounted on said gripper spindle, a printing sheet support mounted within and rotating with said printing cylinders, a fixed stop outside of and adjacent to said printing cylinder, means on said spindle for engaging said fixed stop and actuating said gripper spindle, and means cooperating with said printing sheet support for momentarily stopping said support in a determinate position and relation with respect to an adjacent point on the frame when the grippers close down on said sheet support and releasing said support immediately after said stopping.

1,572,711. WOOD-BURNING FIREPLACE. JAMES R. FISK, El Paso, Tex. Filed Apr. 11, 1925. Serial No. 22,355. 4 Claims. (Cl. 126—120.)



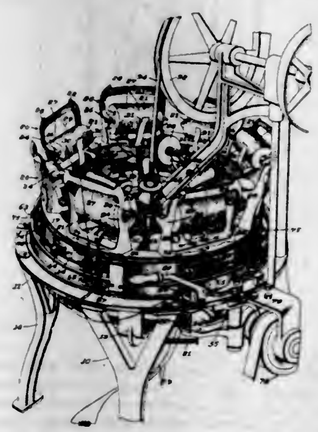
1. In combination with an open fire-place having a closed bottom and closed back and side walls leading to the flue, of a removable solid front wall forming a closed lower portion resting on the bottom of the fire-place and fitting closely between the side walls at the forward end of the fire-place, said solid front wall cooperating with the closed bottom, side and back walls of the fire-place to form a pit without bottom or side drafts and on the bottom of which the wood to be burned is placed.

1,572,712. BRAIDING MACHINE. OTTO A. FREDERICKSON, Wethersfield, Conn., assignor to The American Wiremold Company, Hartford, Conn., a Corporation of Connecticut. Filed May 15, 1925. Serial No. 30,468. 22 Claims. (Cl. 96—5.)



1. In a braiding machine, the combination of a revolving drum having an annular bearing surface facing the axis of the machine, inner yarn carriers, a driver for the inner carriers, means for rotating the driver about the axis of the machine, driving disks carried by said driver, blocks secured to the carriers and having bearing surfaces that rest upon the driving disks to cause these disks to support and drive the inner carriers, and thrust means extending from the inner carriers into engagement with said bearing surface.

1,572,713. BRAIDING MACHINE. OTTO A. FREDERICKSON, Wethersfield, Conn., assignor to The American Wiremold Company, Hartford, Conn., a Corporation of Connecticut. Filed June 9, 1925. Serial No. 35,917. 13 Claims. (Cl. 96—7.)



1. In a braiding machine, in combination, outer and inner yarn carriers, means for revolving the carriers in opposite directions, tilting noses pivotally mounted on the inner carriers in position to engage the strands of yarn passing inwardly from the outer yarn carriers, and abutments supported independently of the inner carriers and in the path of travel of the tilting noses to engage and tilt the noses and cause them to direct the outer strands of yarn alternately under and over the inner carriers.

1,572,714. PLASTIC AND PROCESS OF PRODUCING SAME. OSCAR FROSELL, Hackensack, N. J., assignor, by mesne assignments, to Williamsport Building Products Co., Williamsport, Pa., a Corporation of Pennsylvania. Filed Mar. 25, 1921. Serial No. 455,492. 7 Claims. (Cl. 18—55.)

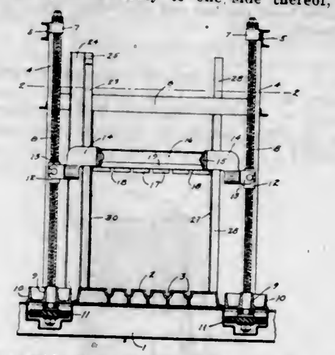
1. The process of producing hard plastic articles which comprises setting calcined magnesia by hydrating with water under simultaneous heat and compacting pressure.

1,572,715. SOLID STABLE DIAZO COMPOUNDS. FRITZ GÜNTHER and FRITZ LANGE, Ludwigshafen-on-the Rhine, Germany, assignors to Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany, a Corporation of Germany. Filed July 22, 1924. Serial No. 727,522. 4 Claims. (Cl. 260—11.)

1. Solid stable diazo compounds containing double chlorids only of zinc and of a diazonium compound and derived from an aromatic amine carbocyclic which is free from azo groups, which diazo compounds are soluble in water and directly react with the usual components of azo dyestuffs, for example beta-naphthol.

1,572,716. POWER BALING MACHINE. JOHN HANSEN, Bettendorf, Iowa, assignor to Davenport Manufacturing Co. Inc., Davenport, Iowa. Filed June 15, 1925. Serial No. 37,209. 5 Claims. (Cl. 100—8.)

1. A device of the class described, comprising a frame and receptacle therein, vertical screws rotatably mounted in the ends of said frame, travellers on said screws, a platen frame supported by said travellers, so as to be capable of movement vertically of said receptacle, a platen section hingedly connected with said platen frame, so as to swing downwardly to one side thereof, means



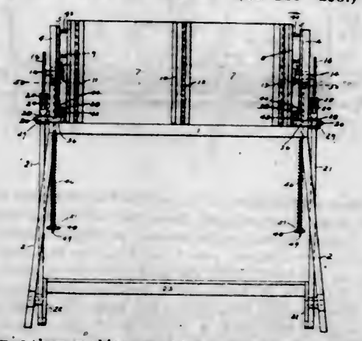
for holding said platen section in a horizontal position in its movement in the receptacle and to a point above the same, said means being releasable at said point to permit said section to drop downwardly by the force of gravity.

1,572,717. END CONNECTER FOR BRACELETS. GEORGE D. HARRISON, North Attleboro, Mass., assignor to Providence Stock Company, Providence, R. I. Filed Dec. 13, 1924. Serial No. 755,669. 8 Claims. (Cl. 24—77.)



4. In combination with a bracelet having a finishing member on an end of the bracelet, a male member on the bracelet, an eyelet on the bracelet end to receive the male member, spring means for engagement with the male member, and means whereby to rigidly secure the spring means between the bracelet and the finishing member and in direct contact with each.

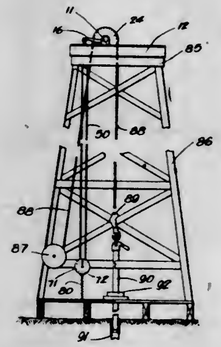
1,572,718. BOX-MAKING MACHINE. WALTER V. HART, Jacksonville, Fla.; Elsie Hart Heddon administratrix of said Walter V. Hart, deceased. Filed Apr. 28, 1924. Serial No. 709,492. 3 Claims. (Cl. 144—295.)



1. In a box making machine, of the class described; a stand; a box assembling fixture resting on said stand; discs rigidly attached to pivots mounted on the ends of said assembling fixture; a plurality of right hand and a plurality of left hand notches cut on each of said discs;

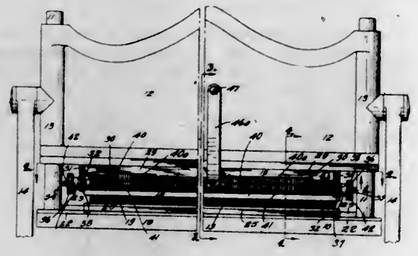
vertical guides, in which said pivots slide, attached to the stand; a treadle mounted on the stand; levers attached to said treadle engaging in the notches cut in the said discs; and automatic means for changing the engagement of these levers from the right hand notches to the left hand notches and vice versa, when the treadle is depressed.

1,572,719. CROWN-BLOCK STRING WEIGHER. WALTER H. HAZLETT, Long Beach, Calif., assignor of one-half to Vale M. Stedman, Whittier, Calif. Filed July 23, 1925. Serial No. 727,675. 11 Claims. (Cl. 265—52.)



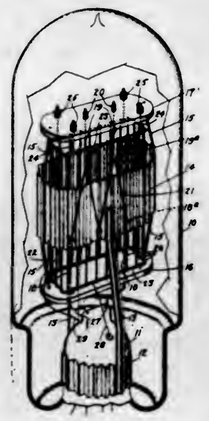
1. In combination, in a crown-block weigher; a lever fulcrumed on a crown-block; means for resiliently resisting the movement of said lever; a sheave carried by said lever; a plunger operated by said lever when a weight is carried by said sheave; and means actuated by said plunger for indicating said weight.

1,572,720. PERFORATING-MACHINE ATTACHMENT. CHARLES D. HIGHLAND, Des Moines, Iowa. Filed Oct. 27, 1924. Serial No. 746,059. 4 Claims. (Cl. 164—111).



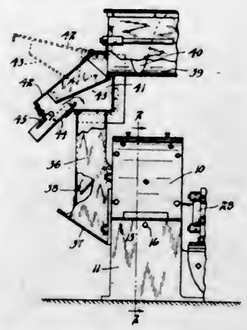
1. The combination of a perforating machine having a bed, a pin guide spaced above the bed, a pin actuating head adapted for reciprocation provided with a pin carrier bar or stripper, pins in said carrier bar, and guide, a bar on the head above the pins and spaced above them when they are in their lower position with an attachment comprising a rod, means for supporting said rod on the reciprocating head, a plurality of pin fingers rotatably mounted on said rod and provided with extensions adapted in one position of rotation of the pin fingers to rest beneath said last described bar and above the pins and in another position to leave the space between the said last-named bar and the pins open.

1,572,721. VACUUM TUBE. WILLIAM G. HOUSKEEPER, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 11, 1920. Serial No. 429,923. 11 Claims. (Cl. 250—27.)



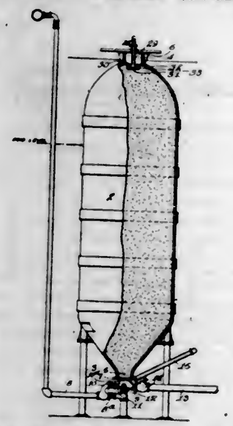
5. In a vacuum tube, cathode, grid and anode electrodes, said grid electrode being interposed between the other electrodes and comprising end frames of metal having a low fusing temperature and lateral wires joining said frames said wires being composed of a metal having a relatively low vapor pressure point, said end frames being out of the main electron stream between the cathode and anode.

1,572,722. GRINDING MACHINE. AXEL E. JACOBSON, Minneapolis, Minn. Filed Sept. 10, 1924. Serial No. 736,908. 13 Claims. (Cl. 83—11.)



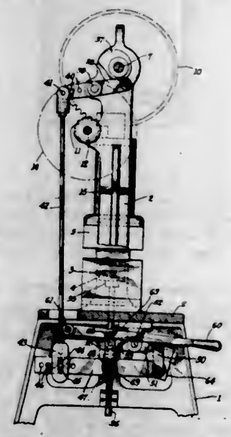
1. A grinding machine having in combination, a substantially cylindrical casing having one closed side and an axial opening in its other side, a shaft extending axially of said casing through said closed side, a rotary grinding head in said casing comprising a plurality of spaced disks disposed at right angles to said shaft, said disks except the one adjacent the closed side of the casing having central openings therethrough, and means secured to said shaft having spaced arms disposed between and secured to said disks and affording openings through said latter disks for material entering said axial opening to pass therethrough, said means and the disk adjacent the closed side of said casing forming an imperforate side of said grinding head.

1,572,723. PROCESS AND APPARATUS FOR COOKING WOOD CHIPS. JULIUS THEODORE JAEGER, Iroquois Falls, Ontario, Canada. Filed Apr. 1, 1922. Serial No. 548,858. 4 Claims. (Cl. 92—7.)



1. An apparatus for the treatment of wood chips in the production of pulp, including in combination, a vessel for containing the chips, a steam supply pipe communicating with the vessel adjacent one end thereof, and acid supply for the vessel, an acid conveying pipe leading from one end of the vessel to the opposite end thereof into which it descharges and means for circulating the acid from one end of the vessel, through said acid pipe, into the opposite end of the vessel and a nozzle upon the discharge end of the acid circulation pipe, such nozzle comprising a pipe length presenting a flared front end, a perforated head covering the flared end and means for securing the head in spaced relation with respect to the flared end of the pipe length to present side openings additional to the perforations of the head.

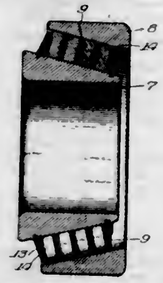
1,572,724. POWER PRESS. JOSEPH E. JOHNSON and HERBERT W. SPELLMAN, Meriden, Conn., assignors to The Connecticut Telephone & Electric Company, Incorporated, Meriden, Conn., a Corporation of Connecticut. Filed Sept. 8, 1923. Serial No. 661,590. 13 Claims. (Cl. 18—16.)



1. In a pressure relief device for a press, a platen, a tubular housing member thereon, a compression spring in said housing member, a head engaging said compression spring, a connecting rod engaging said head, and means for confining said head and connecting rod.

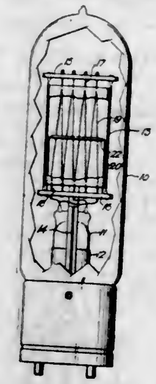
5. In a press, a member having a mold cavity therein, a knock-out head in said mold cavity and extending to the outside thereof, a die punch, link mechanism connected to said knock-out, and automatically actuated operating means for moving said knock-out in said mold cavity for ejecting a molded article.

1,572,725. ROLLER BEARING. JULIUS KELLER, Sr., Chicago, Ill. Filed Sept. 28, 1922. Serial No. 591,013. 4 Claims. (Cl. 308—215.)



1. A roller bearing roller having a cylindrical bearing engaging surface, and a circular concentric bead on each of the lateral faces of said roller adjacent to the circumference thereof for contacting with the adjacent retainers.

1,572,726. ELECTRON-DISCHARGE DEVICE. MERVIN J. KELLY, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 31, 1922. Serial No. 585,370. 3 Claims. (Cl. 250—27.)

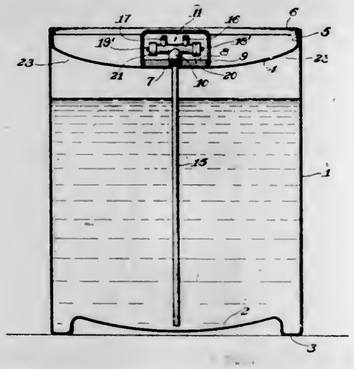


1. In an electron discharge device, an anode, a cathode, a pair of insulating members gripping said cathode intermediate its ends to prevent vibration thereof.

1,572,727. LIQUID-FUEL CONTAINER. ARTHUR N. KEAN, Bellevue, Pa., assignor to Rockgas Products Company, Cornopolis, Pa., a Corporation of Delaware. Filed June 20, 1924. Serial No. 721,245. 1 Claim. (Cl. 221—73.5.)

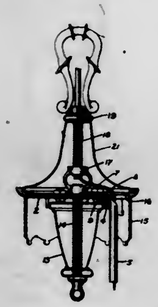
The combination of a closed shipping container for volatile liquids comprising a body, a depressed head fixed to one end of the body, said head being curved down-

wardly from its periphery toward its center, an apertured supporting plate attached to the central portion of the head projecting above the head and having its periphery threaded, a T-shaped valve block having a depending recessed nipple removably anchored in the aperture of said plate, said block being equipped with a pair of fluid conducting ducts, a pair of oppositely disposed laterally extending needle valves threaded in said block for controlling flow through the respective ducts, one of said ducts communicating with a depending pipe



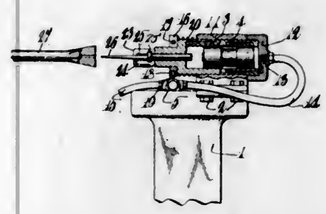
attached to the block and extending through the nipple, the cross-sectional dimension of the pipe within the nipple being smaller than that of the recess therein whereby to provide an annular space within the nipple, the remaining duct communicating with the said annular space, an inverted cup-shaped cover threadedly engaging the said threaded peripheral portion of the said plate and completely housing the valve mechanism, the head together with all of the parts carried thereby being disposed entirely below the upper edge of the container.

1,572,728. ELECTRIC-LIGHTING FIXTURE. PHILIP KESTELL, San Francisco, Calif., assignor to Thomas Day Company, San Francisco, Calif., a Corporation of California. Filed Jan. 31, 1925. Serial No. 6,008. 2 Claims. (Cl. 240—78.)



1. A lighting fixture comprising a body plate having a plurality of circumferentially spaced apertures therein, a plurality of tubular fixture arms, the ends of the arms extending through said apertures and being flattened to lie against the surface of the plate, bolts securing the flattened ends of the arms to the plate, a skirt depending from the plate to conceal the apertures and a cover disposed within the skirt and concealing the bolts on the under side of the plate.

1,572,729. DRILL-SHARPENING MECHANISM. FRANK M. LEE, Chicago, Ill., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Feb. 1, 1923. Serial No. 616,432. 17 Claims. (Cl. 76—5.)

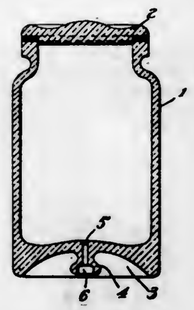


4. In a punching mechanism, a stationary support, a punching motor slidable relative thereto, and controlling means carried directly by said support and operatively connected to said motor for automatically starting said motor when the latter is moved rearwardly and for automatically stopping said motor as the latter moves forwardly.

1,572,730. BATCH FOR MAKING CERAMIC MATERIAL AND TO A CERAMIC MATERIAL MADE THEREFROM. FRED M. LOCKE and FRED J. LOCKE, Victor, N. Y. Filed Oct. 17, 1924. Serial No. 744,287. 10 Claims. (Cl. 106—12.)

1. A raw batch for refractory bodies containing a relatively small amount of a compound of manganese and a relatively large amount of clay.

1,572,731. CONTAINER PACK. CURTIS L. LYNCH, Cherryfield, Me. Filed Oct. 22, 1923. Serial No. 669,945. 3 Claims. (Cl. 215—56.)

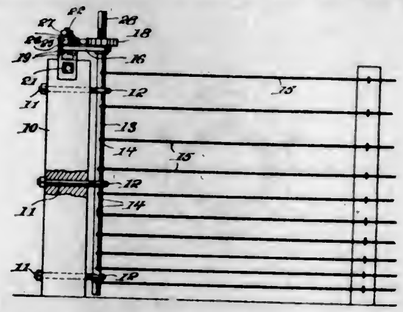


1. A preserving container comprising an enclosed vessel having one wall recessed and vented, and a nipple within said recess and below the surface of said wall, and enclosing said vent and adapted to receive an exhaust connection.

1,572,732. STRETCHER. CHARLES MCCAMMACK, Quincy, Ind. Filed Apr. 3, 1925. Serial No. 20,558. 1 Claim. (Cl. 254—163.)

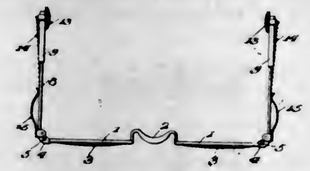
In a fence wire stretching device, a support, a slotted bracket mounted thereon, a pivot bolt rising from said bracket, a plate having an opening receiving said pivot and projecting laterally from said bracket, a vertically disposed bar, means including said plate for supporting the bar for rotation, said bar having spaced openings for connecting the adjacent ends of the fence wires to

said bar, whereby said wires are stretched when the bar is rotated, means whereby said bar can be rotated, a ratchet wheel mounted on said bar above said plate, and



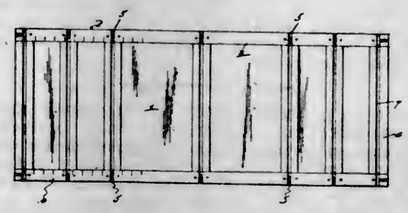
a pawl mounted on said pivot bolt and cooperating with said ratchet wheel to prevent retrograde movement of said bar.

1,572,733. SPECTACLES. PATRICK HENRY MCCOURT, St. Louis, Mo. Filed May 9, 1925. Serial No. 29,166. 3 Claims. (Cl. 88—52.)



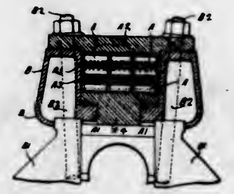
1. Spectacles comprising lens holding means, extensible head engaging arms carried by the lens holding means, each of said arms comprising a pair of telescopic slidably co-engaged sections and a chain having a length slightly less than the combined length of said sections, the ends of said chain being connected to the opposite end portions of said sections and said chain thus being adapted to limit the relative movement of said sections in opposite directions.

1,572,734. FABRIC-MEASURING DEVICE. JAMES HERBERT MCDERMOTT, Hartford, Conn. Filed June 3, 1924. Serial No. 717,571. 2 Claims. (Cl. 164—78.)



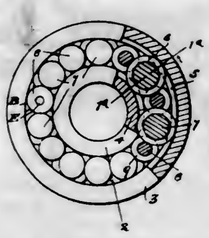
1. A fabric measuring device comprising a pair of warp-proof metallic straight edges disposed in transversely spaced parallelism and calibrated and provided at longitudinally spaced points with transverse grooves, the grooves in one straight edge being opposed to the grooves in the other straight edge, and strips interposed between said straight edges and having grooves in their upper sides alined with and opening into the opposed grooves in said straight edges, said strips being made of wood to eliminate objectionable noises produced by metallic cutting implements.

1,572,735. SPRING-RELIEVING GEAR FOR ROLLS OF SUGAR-CANE MILLS, METAL-ROLLING MILLS, AND THE LIKE. CHARLES MCNEIL, Glasgow, Scotland. Filed Oct. 20, 1924. Serial No. 744,749. 2 Claims. (Cl. 267—1.)



1. In a rolling mill, a displaceable roll, a pressure block displaceable with the roll, an abutment member spaced from said block, in combination with a plurality of layers of spring elements in series interposed between the pressure block and the abutment member, each layer comprising a plurality of corrugated spring plates extending parallel with the axis of the roll and having corrugations transverse to said axis, and distance pieces between the layers.

1,572,736. ROLLER BEARING. DUNCAN STUART MCPHAIL, Detroit, Mich., and JAMES EUSTACE PASTORIUS, Kingsville, Canada. Filed Dec. 13, 1923. Serial No. 680,487. 1 Claim. (Cl. 308—209.)

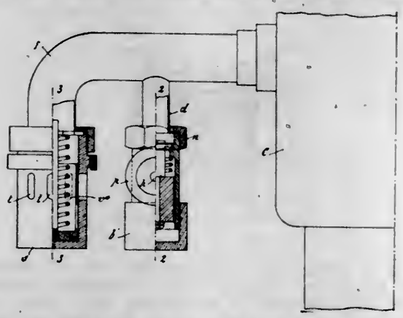


A roller bearing structure comprising inner and outer race members having their adjacent faces formed with oppositely disposed circumferential grooves, and a plurality of roller members positioned between the race members and having the same axial length and the same diameter at their adjacent ends, said roller members having every alternate one formed with a centrally disposed peripheral groove of similar dimensions to the grooves in the race members, the remaining roller members having centrally disposed peripheral flanges received within the grooves of the last mentioned roller members and the grooves of the race members and similarly contacting with the walls of both.

1,572,737. AUTOMATIC DEVICE WITH LIMITED FEED FOR THE SUPPLY OF INTERNAL-COMBUSTION ENGINES. AGÉNOR MARCHANT, Jr., Fourmies, France. Filed Feb. 20, 1922. Serial No. 537,976. 4 Claims. (Cl. 123—137.)

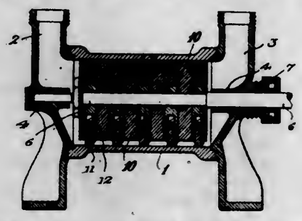
3. An automatic fuel feed device for internal combustion engines, comprising a cylindrical tube, a piston movable therein, means for varying the position of the piston in the tube whereby the volume of the chamber can be regulated, a second tube connected with the first-mentioned tube, a piston movable therein, a valve secured to the same, a duct for the emission of carburant within the latter tube, said duct being so disposed as to be cut off by the piston when the said valve is lifted, means for

connecting the tube containing the valve with the suction conduit of the engine, a third tube connected with the suction conduit of the engine, apertures formed therein, a hollow cylinder movable in the said tube by



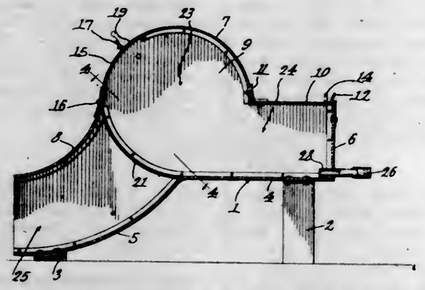
the effect of the engine suction and ports formed in the hollow cylinder and cooperating respectively with the apertures in the tube, whereby air shall be admitted into the suction conduit of the engine.

1,572,738. ROTARY PUMP FOR LIQUIDS OR GASES. SAMUEL MAROGER, Nimes, France. Filed Oct. 27, 1924. Serial No. 746,106. 5 Claims. (Cl. 103—134.)



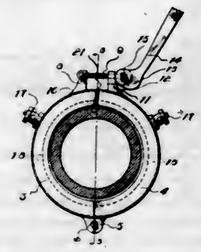
1. A rotary pump comprising in combination a pump-body, a drum mounted eccentrically in said pump-body, said drum having a helical groove, and a helix fitted in said groove, said helix being made in sections for the purpose set forth.

1,572,739. CEMENT-BAG CLEANER. CURTIS R. MATTERN, Towar City, Pa. Filed Sept. 12, 1925. Serial No. 56,029. 1 Claim. (Cl. 15—20.)



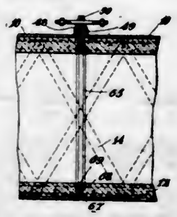
A bag cleaner comprising a drum having a downwardly extending outlet spout and a substantially horizontal feed chamber located upon opposite portions of its periphery, doors operable to afford access to the drum and to the feed chamber, a screen located at the inner end of the spout, and an air blast nozzle discharging into the outer end of the feed chamber in approximate parallelism to the bottom of the feed chamber, and toward the screen.

1,572,740. METHOD OF AND APPARATUS FOR ELECTRIC WELDING. ROYAL MATTICE, Bethlehem, Pa. Filed Oct. 17, 1924. Serial No. 744,167. 11 Claims. (Cl. 219—10.)



2. The method of repairing cracked or broken tubular structures which comprises covering the crack or break with welding material, heating the welding material to the fusion point and finally compressing the welding material entirely around the tubular structure at one operation until a part at least is forced into the pores of the tubular structure.

1,572,741. TUNNEL AND METHOD OF BUILDING AND SUBMERGING. JAMES C. MEEM, Brooklyn, N. Y., assignor of one-half to Frederick L. Cranford, Brooklyn, N. Y. Filed July 2, 1925. Serial No. 40,987. 6 Claims. (Cl. 61—43.)



1. The method of adding a tunnel section to an end of a previously laid portion of a sub-aqueous tunnel, said section being closed by diaphragms positioned substantially flush with its ends and the end of said previously laid portion being closed by a similarly located diaphragm, which method consists in sinking said section to a position such that one of its diaphragms is in substantially facial contact with the diaphragm at the end of the previously laid section, sealing any remaining space between said contacting diaphragms by introducing grout therebetween from the interior of said previously laid portion, cutting central openings in said contacting diaphragms and riveting the remaining portions of said diaphragms to one another.

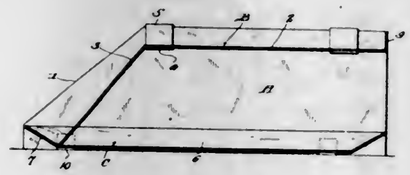
1,572,742. PRODUCTION OF ALCOHOLS FROM HALOGENATED ALDEHYDES. HANS MERRWEIN, Konigsberg, Germany, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Filed May 28, 1925. Serial No. 33,505. 2 Claims. (Cl. 260—156.)

1. The process for producing halogenated alcohols from halogenated aldehydes, which process comprises the treatment of halogenated aldehydes dissolved in primary alcohols with alcoholates of aluminum.

1,572,743. PORTABLE CANDY TRAY. RAY S. MEREDITH, Columbia City, Ind. Filed Mar. 12, 1924. Serial No. 698,698. 1 Claim. (Cl. 211—28.)

A device of the character specified comprising a pair of separate laterally spaced side members of general rectangular oblong form, having downwardly and forwardly

inclined front edges, supporting feet for the side members, a separate top or cover member mounted between the side members, said top or cover member comprising a flat rectangular body portion disposed somewhat below and in a plane parallel with the upper edges of the side members and a downwardly and forwardly bent front end portion disposed a corresponding distance below and in a

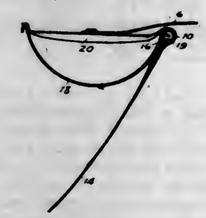


plane substantially parallel with the downwardly and forwardly inclined front edges of the side members, supporting means for the top or cover member, and a tray mounted between the side members beneath the top or cover member with its front end extending beyond that of the latter, the lower end of the front end portion of the cover member being beveled to snugly fit the bottom and side walls of the forwardly protruding end of the tray.

1,572,744. NICKEL ALLOY AND METHOD OF MAKING THE SAME. PAUL D. MERICA, New York, N. Y., assignor to The International Nickel Company, New York, N. Y., a Corporation of New Jersey. Filed June 26, 1923. Serial No. 647,911. 19 Claims. (Cl. 75—1.)

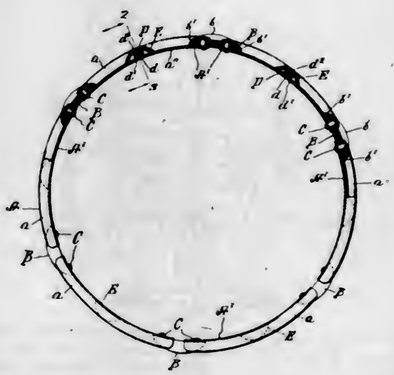
1. The method of making nickel alloys, which includes deoxidizing the principal melt and then mixing it with molten aluminum.

1,572,745. GUTTER HANGER. CHARLES MEUNIER, Great Neck, N. Y. Filed Jan. 25, 1923. Serial No. 614,879. 1 Claim. (Cl. 108—29.)



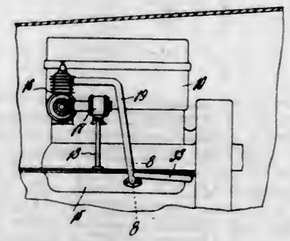
A gutter hanger for use with a gutter having a beaded edge and comprising a strap having a rigid portion extending transversely between the upper edges of the gutter, said strap having a resilient arched portion at one end of said rigid portion, the resilient arched portion being designed to be bent to snugly fit around the bead of the gutter, said strap also having a cradle portion designed to underlie the gutter, the juncture of the cradle portion and the arched portion being relatively stiff and unyielding, and the cradle portion adjacent the juncture also being sufficiently stiff and unyielding to insure proper bending of the arched portion around and into snug engagement with the head of the gutter when the cradle portion is moved up against the bottom of the gutter, the end of the cradle portion being engaged with the rigid portion.

1,572,746. COMPRESSIBLE SAFETY RING FOR PNEUMATIC TIRES. ANDRÉ JULES MICHELIN, Paris, France. Filed June 17, 1925. Serial No. 37,811. 9 Claims. (Cl. 152—20.)



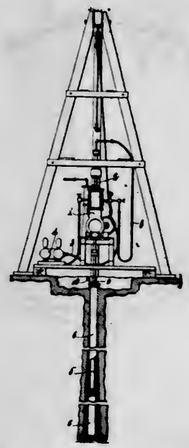
5. In a safety attachment for pneumatic tires, the combination with the casing and the rim, of a compressible elastic safety ring, normally of greater diameter than the circumference of said rim, and adapted to fit between the beads of the tire, and an inner tube adapted to be filled with compressed air, and to force said compressible safety ring inwards between said beads and in engagement with said rim, with additional means for holding said safety ring in the contracted position on said rim.

1,572,747. HEATER FOR AUTOMOBILES. PATRICK R. MINAHAN, Green Bay, Wis. Filed Dec. 8, 1924. Serial No. 754,693. 1 Claim. (Cl. 123—196.)



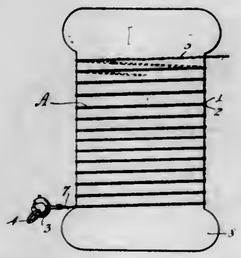
In an automobile, the combination with a main internal combustion engine, an auxiliary internal combustion engine, a pipe for conducting the exhaust gases from the auxiliary engine through the crank case of the main engine, a pipe leading from said exhaust pipe to the exhaust pipe of the main engine to carry off said gases, a pipe establishing communication between the exhaust pipe of the auxiliary engine and the exhaust pipe of the main engine in advance of the point of said communication and means whereby exhaust from the main engine may be directed into the exhaust pipe of the auxiliary engine.

1,572,748. METHOD AND APPARATUS FOR PRESSURE-TESTING DRILL-HOLE CASING. JOSEPH STUART MITCHELL, Chicago, Ill., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed July 19, 1922. Serial No. 576,090. 16 Claims. (Cl. 73—56.)



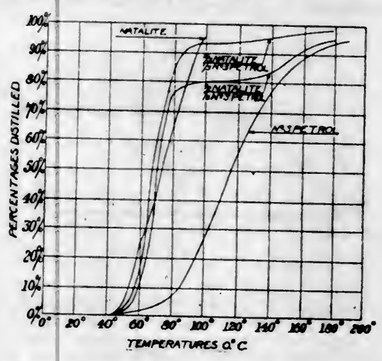
1. The method of pressure testing drill hole casings located in a well hole which consists in, sealing off the casing, and passing through a seal mechanical means in increasing volume.

1,572,749. BEAD WIRE. SAMUEL MOLLENGARDEN, New York, N. Y., assignor to Royal Importing Co., a Copartnership of New York, composed of Samuel Mollengarden, William Smith, and Harry Berk, all of New York, N. Y. Filed July 17, 1925. Serial No. 44,341. 1 Claim. (Cl. 223—37.)



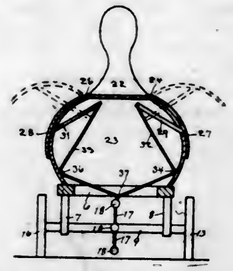
A bead wire composed of a plurality of strands, said strands disconnected throughout the main portion of their lengths and secured together at their end portions only, the securing means at one end comprising the twisting of said strands together throughout a portion of their length whereby a relatively stiff member is formed for threading beads on the wire without the use of a separate needle.

1,572,750. FUEL FOR INTERNAL-COMBUSTION ENGINES. BENJAMIN HOWELL MORGAN, London, England. Filed Apr. 4, 1925. Serial No. 20,861. 3 Claims. (Cl. 44—9.)



1. A fuel for internal combustion engines consisting of as to about one-half a mixture of alcohol (60 parts to 30 parts) with ether (30 parts to 60 parts) and as to about the other half, petrol as defined.

1,572,751. FIGURE WHEELED TOY. MITSUTARO NAKAMURA, Chico, Calif. Filed Mar. 25, 1925. Serial No. 18,284. 1 Claim. (Cl. 46—45.)

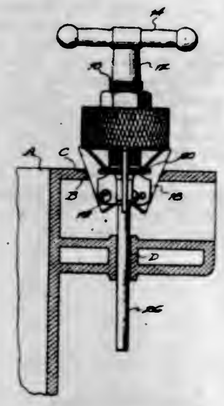


In a toy of the character described, a wheeled carriage, a figure simulating a bird positioned on said carriage, wings pivoted to the opposite sides of said figure, a lever secured to each of said wings, said lever extending inwardly and upwardly with respect to the body of said figure, a cord secured to each of said levers and extending downwardly within said figure, eyes positioned in each side of said figure in such a manner as to receive the ends of said cords therethrough, a second cord secured to the ends of said first mentioned cords, said second mentioned cord extending to a point beyond said carriage and a third cord secured to said second mentioned cord and to said carriage for the purpose of limiting the amount of pull of said second mentioned cord with respect to said carriage.

1,572,752. VALVE-RESEATING TOOL. GEORGE H. NORTH, Kansas City, Mo. Filed Aug. 15, 1924. Serial No. 732,210. 1 Claim. (Cl. 90—12.5.)

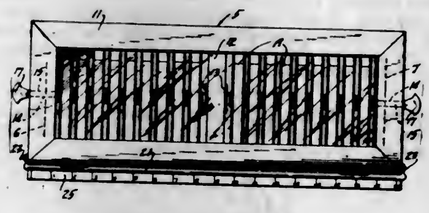
A tool of the character described comprising an elongated body member having a threaded intermediate portion, a handle mounted upon one end of said body, the other end of the body being formed with a plurality of spaced ears, blades pivoted between said spaced ears

and having their outer edges sharpened, spring means engaging said blades normally urging them in one direction, a shell member slidably engaged upon the body



and engageable with said blades whereby to move the same into adjusting position, and a nut member screwed upon the threaded intermediate portion of the body and engaging said shell for moving the same.

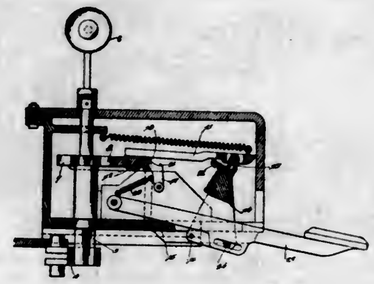
1,572,753. DISPLAY CABINET. LYSLE H. NUTTER, Hamburg, Ark. Filed Oct. 4, 1922. Serial No. 592,370. 1 Claim. (Cl. 33—127.)



A display cabinet comprising a casing, a shaft disposed in said casing and adapted to support merchandise, the rear wall of said casing having a longitudinally extending slot, for the reception of the merchandise, a supporting member carried by the lower portion of the rear wall exteriorly of the casing, a rule movably mounted on the support, said rule being movable longitudinally of the rear wall of the casing, said rule being provided with a longitudinally disposed slot extending substantially the entire length thereof, and a stop member extending outwardly from the rear wall of the casing and extending through the slot of the rule, said stop member being positioned above and at substantially the longitudinal center of the supporting member, said stop member coacting with the ends of the slot to limit the longitudinal movement of the rule in either direction.

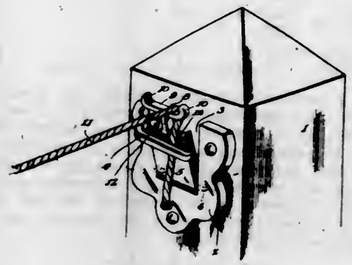
1,572,754. SWITCH STAND. OMER D. OLIVER, Gary, Ind. Filed Sept. 9, 1925. Serial No. 55,367. 6 Claims. (Cl. 246—393.)

2. A switch stand including in combination with a switch point, of an operating plate having a slot formed therein, with offset ends, means operatively connecting the operating plate to the switch point, a foot treadle, and an operating arm operatively connected to the foot treadle and having a portion working in the slot adapted upon depression of the treadle to move into one of the



offset ends to operate the operating plate in one direction and adapted upon return of the treadle from depressed position to move in the slot and enter the other offset end to operate the plate in an opposite direction upon return of the treadle to depressed position.

1,752,755. CLOTHESLINE HOLDER. EARL M. OTT, Cleveland, Ohio. Filed Dec. 26, 1924. Serial No. 758,208. 2 Claims. (Cl. 24—133.)

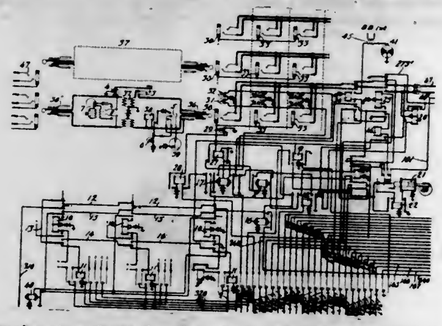


1. A line holder comprising a transversely disposed fixed clamping bar, a clamping block pivotally mounted in rear of said bar for movement toward and from the bar, a stem rising from the upper end of the clamping block, and a crosshead carried by the upper end of the stem above the bar and provided at its end with a stop to limit lateral movement of a line trained over and under the head, the said line having its end portion disposed below the crosshead and between the block and the bar to be clamped by and between the bar and the front face of the block.

1,572,756. HIGH-FREQUENCY-WAVE SIGNALING AND COMMUNICATING SYSTEM. EDWIN H. SMYTHE, Evanston, Ill., and SAMUEL B. WILLIAMS, Jr., Brooklyn, N. Y., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 14, 1921. Serial No. 469,398. 62 Claims. (Cl. 179—2.)

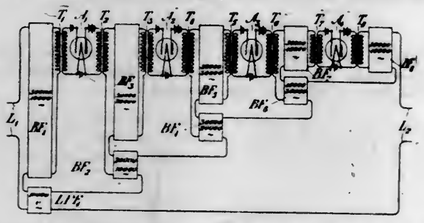
1. In a high frequency communicating system having a plurality of stations, the combination with a plurality of trunks at each station, means for transmitting and

receiving high frequency signals associated therewith, and means for preselecting an idle one of said



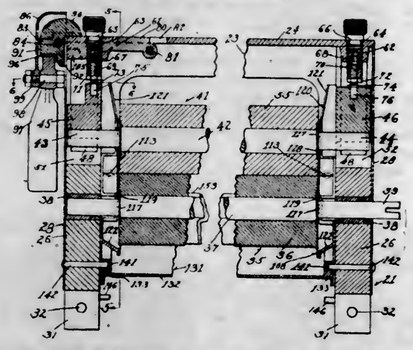
trunks at each station for use in establishing communicating relation with another station through the associated high frequency signaling means.

1,572,757. MULTIPLEX SIGNALING SYSTEM. HERMAN A. AFFEL, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed May 24, 1920. Serial No. 383,941. 19 Claims. (Cl. 179—15.)



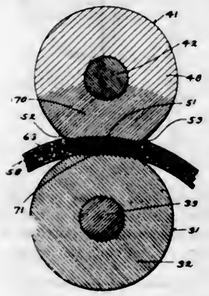
1. In a multiplex signaling system, the method of equalizing the transmission of a plurality of frequencies transmitted by a common transmitting medium which consists in separating the currents of different frequencies into individual circuits amplifying the current of each of said circuits to a degree depending upon the degree of attenuation of the current of the said circuit caused by transmission through the medium and combining the resulting currents.

1,572,758. CLOTHES WRINGER. ROBERT J. ANDERSON, Sidney, Ohio. Filed Jan. 20, 1922. Serial No. 530,579. 11 Claims. (Cl. 68—32.)



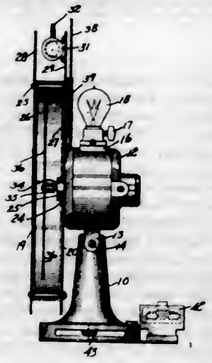
1. In a clothes wringer of the character described, the combination with a frame, of a comparatively hard resilient wringer roll and a comparatively soft resilient wringer roll mounted in said frame, said wringer rolls being of comparatively great and substantially equal diameters, the sole driving means between said rolls consisting in the entrance by pressure of the cylinder of said comparatively hard wringer roll into the normal cylinder of said comparatively soft wringer roll, maintaining means to maintain said pressure, means between said maintaining means and said rolls to transmit said pressure, and quick release safety means comprising a retaining element cooperating with said maintaining means and a releasing element therefor, said maintaining means acted on solely by said resiliency in said resilient wringer rolls to cause separating movement between said wringer rolls.

1,572,759. CLOTHES WRINGER. ROBERT J. ANDERSON, Sidney, Ohio. Filed Jan. 8, 1923. Serial No. 611,242. 2 Claims. (Cl. 68—32.)



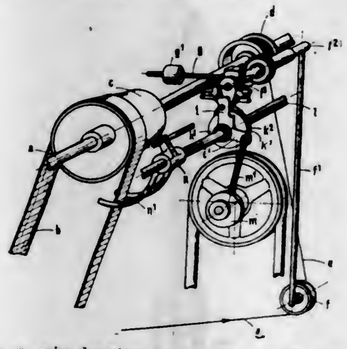
1. In a clothes wringer of the character described, the combination of a comparatively hard resilient wringer roll, a comparatively soft resilient wringer roll, each of said wringer rolls being solid and of substantially equal resilience throughout its body, a central rigid shaft in the body of said comparatively soft resilient wringer roll, and pressure means exerting pressure on said shaft at the ends of said last-named roll, and said wringer rolls being substantially coextensive in length.

1,572,760. OPTICAL DEVICE. RAMÓN RUIZ ARNAU, San Juan, P. R. Filed Nov. 17, 1921. Serial No. 515,879. 5 Claims. (Cl. 128—76.)



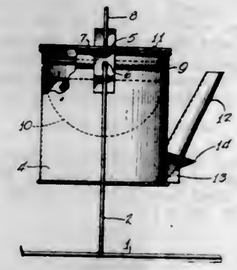
5. A device for treating the eyes, comprising an object to be gazed upon, an apertured screen for mounting in front of said object with the aperture in alignment with the object to be gazed upon, means for illuminating the object to be gazed upon, and an object movably mounted between said screen and the object to be gazed upon for intermittently screening from view the object to be gazed upon.

1,572,761. APPARATUS TO CONTROL THE NUMBER OF TURNS OF THE DRAWING SHAFT IN DRAWING BENCHES. LOUIS BRÉGUET and PAUL BRÉGUET, Geneva, Switzerland. Filed Dec. 11, 1923. Serial No. 680,047. 2 Claims. (Cl. 242—45.)



1. In a wire-drawing bench, the combination of a drawing shaft; a cone pulley thereon a driving belt passing around the pulley a belt shifter engaged with said belt to move it toward either end of said pulley; an independent mechanism for moving the belt shifter in either direction; a pendulum controlled by the strain of the wire for starting said mechanism; and a weighted lever for counter-balancing the pendulum.

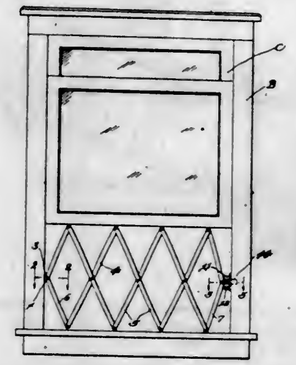
1,572,762. GREASE-DISPENSING DEVICE. ALBERT HARRY BRUNNER, Carbondale, Ill. Filed Oct. 17, 1924. Serial No. 744,216. 1 Claim. (Cl. 221—1.)



A device of the type described comprising a container supporting frame, a container pivotally carried by said frame, said frame holding said container in close proximity to the supporting surface, said container being adapted to swing into normal position after being tipped, this swinging being due to gravity, a spout in communication with said container, a grease catching trough disposed at the bottom of said spout and being in the same plane as the bottom of said container, said trough being adapted to catch the grease draining down the outside of the spout and being positioned adjacent to the supporting surface, whereby the heat from the supporting surface will keep the grease within the trough in a liquid state, and permit the grease to be poured from said trough the next time the container is tilted.

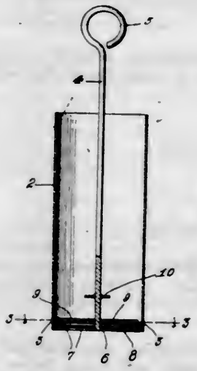
1,572,763. SAFETY DEVICE. MATTIE CARR, Chicago, Ill. Filed Sept. 28, 1923. Serial No. 665,428. 1 Claim. (Cl. 20—71.)

A safety device comprising a toggle joint member having a projection formed on one end of the member provided with a notch, a stationary casing having an opening for the passage of said projection, a latch pivoted within the casing and having its inner end adapted to be raised by said projection and then dropped into said notch, said latch having its other end projecting out of the casing and having an opening, a keeper on



the casing having an opening to align with the opening in the latch when the inner end of the latch is engaged in the notch and a lock engaged with the keeper and latch for holding said latch in its engagement with said notch.

1,572,764. EGG BEATER. JOHN E. CHATTIN, Dahlonega, Ga. Filed May 31, 1924. Serial No. 717,118. 1 Claim. (Cl. 259—113.)

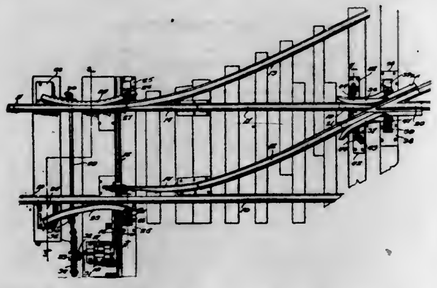


An egg beater comprising a cylinder designed to be received in a receptacle and having its lower end provided with a series of apertures, a rod having an outer rounded end movable in the cylinder, said rod having an apertured disk on its inner end, a second apertured disk freely mounted upon the rod above the first mentioned disk, a third non-threaded disk freely movable on the rod and resting on the last mentioned disk, a stop element on the rod above the last mentioned disk, all as and for the purpose set forth.

1,572,765. SAFETY MECHANISM FOR RAILWAY TRACKS. JOHN H. CHESTNUT, Jr., Tarentum, Pa. Filed Mar. 9, 1925. Serial No. 14,211. 10 Claims. (Cl. 246—441.)

2. A safety mechanism for railway tracks including in combination with a switch frog having a tread portion,

a guard shoe mounted at the outer side of said tread portion of the frog to coact with the outer edge of the tread of a car wheel for crowding the wheel laterally and

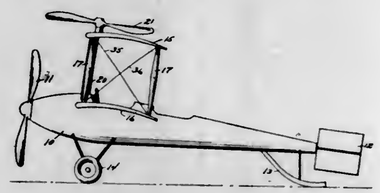


directing the wheel across the frog, and yieldable means to accommodate movement of the shoe away from the tread portion of the frog.

1,572,766. PROCESS FOR THE DISTILLATION OF NATURAL RESINS AND OLEORESINS. JOSEPH MARIE ALPHONSE CHEVALIER, PAUL BOURCET, and HENRI REGNAULT, Paris, France. Filed May 17, 1922. Serial No. 561,746. 2 Claims. (Cl. 203—4.)

1. A process for the distillation of a natural resin which comprises mixing therewith from 1 to 5% of tribasic phosphoric acid and distilling the mixture, wherein the temperature of the mixture is raised progressively until the temperature of the vapors during distillation reaches approximately 310° centigrade.

1,572,767. AEROPLANE. JOSEPH CICCOIANNI, Smock, Pa. Filed Sept. 4, 1925. Serial No. 54,523. 2 Claims. (Cl. 244—15.)



1. In a machine of the class described, a main structure including upper and lower planes, driving means for said machine, a plurality of wind screens movable vertically between the planes and on opposite sides of the central portion thereof, the screens being movable in the same vertical plane and being spaced apart at the central portion of the machine, means for guiding the screens in their vertical movement, and means for shifting the screens.

1,572,768. PHARMACEUTICAL PRODUCT. JÜRGEN CALLSEN, Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Filed June 26, 1925. Serial No. 39,864. 2 Claims. (Cl. 260—156.)

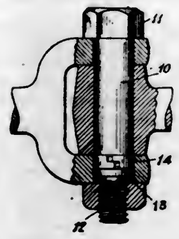
1. The herein described new basic ethers of quinolines, being generally from colorless to yellowish oils soluble in the usual organic solvents almost insoluble in water, being useful in the treatment of diseases of the heart, forming two series of salts with hydrochloric acid which retain the valuable properties of the free bases.

1,572,769. OIL-WELL SAND CLEANER. JAMES B. CLARK, Midwest, Wyo. Filed Nov. 19, 1924. Serial No. 750,876. 1 Claim. (Cl. 255—64.)



An oil well cleaner comprising a barrel having spaced abutments, a coiled, toothed scratcher surrounding the barrel and interposed between the said abutments, a connecting member carried at the upper end of the barrel and having a reduced portion and apertures in communication with the interior of the barrel, a union connection to the lower end of the barrel below the lower abutment thereof, a bit having cruciform blades and also having apertures between the blades and in communication with the interior of the bit and the interior of the barrel, an annular valve seat disposed in the union and interposed between the barrel and the bit, and a flap valve for cooperation with said valve seat.

1,572,770. BOLT LOCK. GEORGE F. COLLEY, Memphis, Tenn., assignor of one-half to John Q. Roberts, Memphis, Tenn. Filed June 27, 1923. Serial No. 648,099. 3 Claims. (Cl. 85—1.)



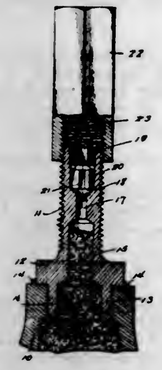
2. A bolt adapted to be inserted in a receiving opening, said bolt having a groove extending around the same between the ends of the receiving opening, a resilient split ring in said groove similar in cross section to said groove, each end of said ring having flat stepped surfaces, said ring being adapted to engage the wall of said receiving opening between the ends thereof to maintain the bolt therein and to serve as an antirattling and lubricant retaining device, substantially as set forth.

1,572,771. TOWROPE. CLYDE A. CONNELLY, Shelby, Ohio. Filed Feb. 10, 1925. Serial No. 8,288. 2 Claims. (Cl. 280—33.14.)



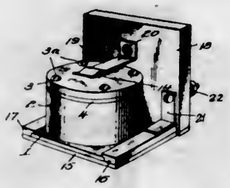
1. A towing device comprising a length of rope, a ring adjacent an end of the rope, said rope being passed through the ring and then formed into an auxiliary loop and being passed again through the ring so that the ring has running engagement with the rope at said auxiliary loop, the rope beyond said ring and auxiliary loop being returned upon itself to form a main loop, the returned portion extending through the auxiliary loop to have running engagement therewith.

1,572,772. GREASE CUP. MILLARD F. COX, Louisville, Ky. Filed Jan. 10, 1923. Serial No. 611,905. 3 Claims. (Cl. 184—38.)



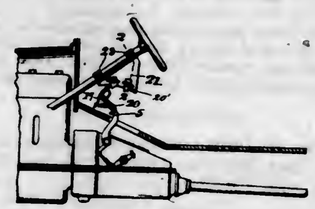
1. A lubricating plug for locomotive rods, said plug being permanently positioned and having a central bore communicating with the part to be lubricated, said bore having a constricted portion, a piston slidable in said bore above said constricted portion, the periphery of said piston being longitudinally grooved, and an internal collar fixed in said bore above said piston, whereby a lubricant under pressure may be forced into said plug past said piston, the backing up of said lubricant forcing said piston against said collar whereby the latter overlaps the grooved periphery of said piston and prevents the escape of the lubricant.

1,572,773. PIEZO-ELECTRIC-CRYSTAL APPARATUS. ALFRED CROSSLEY, Washington, D. C. Filed Nov. 24, 1925. Serial No. 71,090. 16 Claims. (Cl. 171—327.)



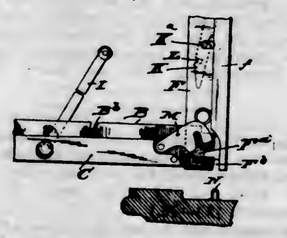
13. A piezo electric crystal holder comprising in combination a hermetically sealed closure and means within said closure for securing a piezo electric crystal therein and establishing electrical connection therewith, while permitting the free vibration of said piezo electric crystal with substantially no restriction.

1,572,774. CLUTCH PEDAL. JOHN S. CROXFORD, Winthrop, Mass., assignor to Bitbetter Manufacturing Company, Winthrop, Mass. Filed May 22, 1925. Serial No. 32,145. 5 Claims. (Cl. 74—81.)



1. In combination with the clutch pedal of a motor vehicle, a locking device comprising a pivoted latch member mounted on the pedal, a bracket secured to the steering column of a motor vehicle, adjustable keepers on the bracket and adapted to lie in the path of travel of the latch member, and means for moving the latch member to disengage the keepers.

1,572,775. VERTICALLY-SLIDABLE INWARDLY-SWINGING WINDOW. OWEN L. DAUTRICK, Detroit, Mich., assignor to The Dautrick Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 27, 1925. Serial No. 26,010. 3 Claims. (Cl. 20—49.)



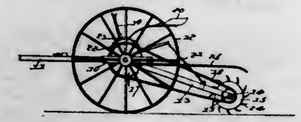
1. In a device of the class described, a pair of vertically movable channel members provided with horizontally projecting pivot studs, a vertically slidable sash provided with metal strips secured to the sash and having bearing recesses receiving the pivot studs and a pair of swinging hooks provided with recesses intersecting the recesses of the said strips and receiving the pivot studs for confining the said pivot studs in the recesses of the said strips.

1,572,776. GLASS-RIM STRETCHER. FRANK DE NOME, Philadelphia, Pa. Filed July 16, 1923. Serial No. 651,906. 2 Claims. (Cl. 81—3.5.)



1. An eye glass rim stretcher comprising a cup member, a plurality of movable segments, flat springs carried by the cup member and engaging said segments for connecting the segments to the cup member, a plunger movable along said segments for spreading the segments, certain of said segment-engaging springs having downwardly extending fingers formed on their ends remote from the cup member and provided with cupped-out portions to receive and hold an eye glass rim.

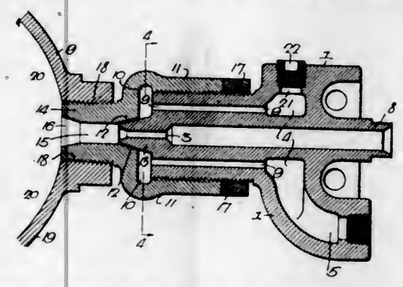
1,572,777. HARROW. HENRY J. DORMAN, Bald Knob, Ark. Filed Mar. 22, 1923. Serial No. 626,838. 1 Claim. (Cl. 97—40.)



In a harrow, a main wheel-supported frame disposed horizontally, and a harrow frame consisting of side bars secured to the ends of the main frame and extending rearwardly and inclined downwardly, of a revolubly driven harrow journaled in the side bars, a fender secured to the under face of the main frame and extending rearwardly and deflected downwardly over the revoluble harrow, said fender having an elongated slot, means consisting of an angular lever mounted to swing on a fulcrum concentric with the wheels of the main frame, and an operative connection consisting of a chain passing through the slot and operatively connected to the side bars, whereby the harrow frame may be raised and lowered concentrically with the wheels of the main frame.

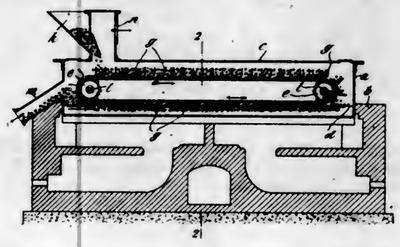
1,572,778. OIL BURNER. RICHARD DOUGHERTY, Philadelphia, Pa., assignor to The Baldwin Locomotive Works, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 27, 1922. Serial No. 590,904. 3 Claims. (Cl. 158—76.)

1. The combination in an oil burner, of a body portion having a central air passage terminating in a reduced portion and extending from one end of the body portion to the other, said body portion having a tapered projection at the forward end through which the reduced air passage extends; an annular oil channel surrounding the air passage at the rear end of the burner and connected with an oil supply; a series of longitudinal channels connected with the annular channel and extending parallel with the air passage; and an adjustable nozzle section mounted on the body portion and having a tapered opening into which extends the projection of the body portion, the nozzle section and the body portion forming



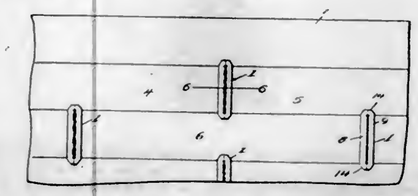
an annular chamber for the oil so that, when the air under pressure is admitted to the air passage, it will draw oil through the channels and through the space between the tapered extension of the body portion and the nozzle section.

1,572,779. APPARATUS FOR HEAT TREATMENT BY MEANS OF A BATH OF MOLTEN METAL. ARTHUR MCDOUGALL DUCKHAM, London, England, assignor to Thermal Industrial and Chemical (T. I. C.) Research Company Limited, London, England. Filed June 20, 1923. Serial No. 646,616. 6 Claims. (Cl. 202—14.)



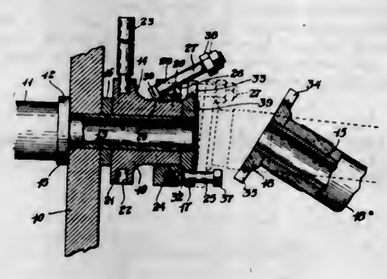
1. Apparatus of the character described, comprising a chamber to contain molten metal, a chain travelling through said chamber above and in close proximity to the normal level of the metal in said chamber, and transverse plates projecting from the chain and dipping below the said level.

1,572,780. BOARD JOINER. CHARLES J. EISCHEN, Los Angeles, Calif. Filed Apr. 25, 1925. Serial No. 25,830. 3 Claims. (Cl. 25—131.)



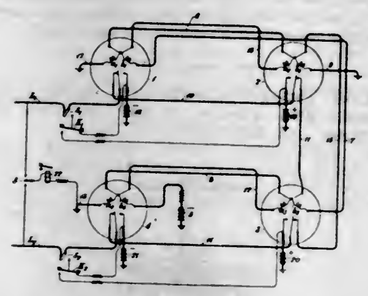
1. In a concrete form wall, a plurality of boards arranged in end to end and edge to edge relation, the vertical end joints being disposed in staggered relation, and means for connecting the meeting ends to a pair of boards together, said means being interposed between the ends of said pair and having connection with the intermediate portion of the adjacent top and bottom boards extending across the joints.

1,572,781. HOSE COUPLING. PERCY L. FARMER, Richmond, Me. Filed Oct. 29, 1923. Serial No. 671,471. 3 Claims. (Cl. 285—138.)



2. A pipe coupler comprising a pair of coupler members having contact faces non-rotatable relative to each other, a sleeve rotatably connected with one of said members and having screw threads on its outer face, a ring threadedly mounted on said sleeve, bolts fixedly secured to said ring, and bolts secured at one end to said ring but movable radially relative to said ring, said bolts adapted to be connected with said other member and all simultaneously movable with said ring whereby the said members are drawn to a liquid proof joint.

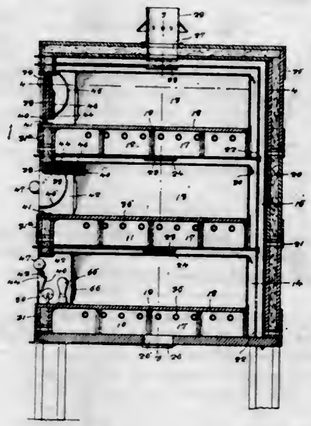
1,572,782. TELEGRAPH CIRCUITS. FRANK H. FAY, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Oct. 8, 1923. Serial No. 667,377. 3 Claims. (Cl. 178—71.)



1. A telegraph repeater interconnecting two line sections, said repeater including two sets of polar relays having actuating windings and biasing windings, said biasing windings being so arranged that the actuating windings of one set of relays will be connected to one of the line sections over the contacts of all of the relays of the other set.

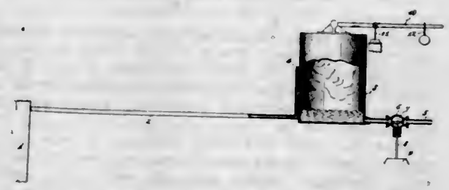
1,572,783. OVEN. KENNETH B. FISKE, Chicago, Ill. Filed Jan. 30, 1925. Serial No. 5,873. 3 Claims. (Cl. 107—62.)

1. In an oven, a plurality of separate baking units, each of said units including a baking chamber, a heating chamber located below the baking chamber, an inner circulating chamber around the baking chamber, an outer circulating chamber around said inner chamber, said outer chamber communicating with the inner chamber and having air inlet openings in its outer wall, means whereby the baking units may be assembled to provide communication between the inner and outer circulating chambers of each unit, means for controlling such communication and damper controlled outlets for the inner and outer circulating chambers.



2. In an oven, a door mounted for swinging movement in opposite directions, whereby the door may open either inward or outward and yieldable means located in the path of the door for normally limiting outward swinging movement.

1,572,784. AUTOMATIC FLOW CONTROLLER. DAVID ALBERT FLEMING, Indiana, Pa., assignor of one-third to Albert C. Fleming, Indiana, Pa. Filed Aug. 20, 1924. Serial No. 733,245. 1 Claim. (Cl. 137—103.)

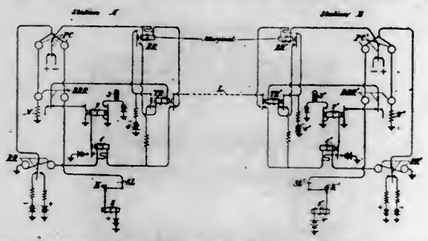


An automatic flow controller, comprising a tank, an inlet metal pipe constituting a support of the tank and rigidly secured at its free end to the tank and at its opposite end to a fixed support, a fixed outlet valve, and a valve casing connected to the tank and movable with the tank by reason of the weight of water in the tank to control the opening and closing of the valve.

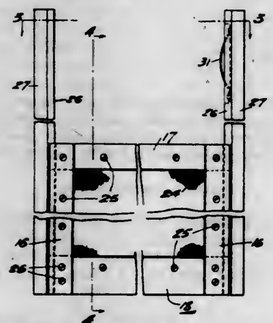
1,572,785. TELEGRAPH CIRCUIT. FRANCIS H. FOX, Detroit, Mich., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Sept. 27, 1923. Serial No. 665,174. 5 Claims. (Cl. 178—2.)

1. In a signaling system, a line circuit, terminal stations at each end of said line circuit, transmitting apparatus and receiving apparatus at each terminal station, a transfer relay at each terminal station, said transfer relays being arranged to connect the transmitting apparatus to the line circuit at one station and the receiving apparatus to the line circuit at the other station for transmission in one direction, said transfer relays being also arranged to shift the connection so that the transmitting apparatus will be connected to the line circuit at the second station and the receiving apparatus

to the line circuit at the first station to transmit signaling currents in the opposite direction, locking circuits for said transfer relays, relay means at each station connected in series with the receiving apparatus thereat and means controlled by said relays for opening said locking circuits.

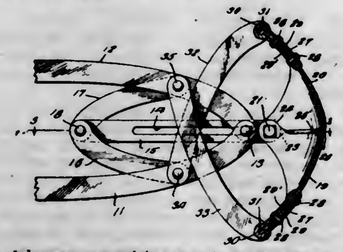


1,572,786. WINDOW SCREEN. ERNEST P. GARNER, Charlotte, N. C. Filed Jan. 14, 1925. Serial No. 2,380. 5 Claims. (Cl. 156—14.)



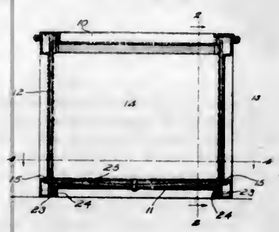
1. A screen frame comprising upper and lower and side main frame members having corner joints comprising interfitted and secured tongues and slots, a part of the tongues being projected beyond the remaining portion of the tongues and providing reinforcing means and the side members of the frames also extending beyond the ends of the upper and lower members, a wire gauze covering applied to the main frame members, and metal strips removably applied over the wire gauze covering and the one side of the main frame members and having flanged edges to reinforce the same, the side metal strips projecting outwardly beyond the ends of the upper and lower main frame members equally with the side members of the main frame to form grooves for engaging guide devices.

1,572,787. DEHORNER. CHARLES P. GLEE and ARTHUR GLEE, White, Nebr. Filed Oct. 26, 1923. Serial No. 670,916. 2 Claims. (Cl. 128—308.)



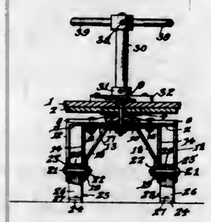
2. A dehorner comprising a pair of sheet metal blades of arched formation respectively presenting a forwardly disposed cutting edge and a rearwardly disposed tapered shank, integral side portions depending from each blade adjacent the cutting edge thereof, the side portions of one blade overlapping the corresponding side portions of the other blade, pivots connecting the said overlapping side portions, a supporting plate depending from one of the said pivots, handles pivoted to the said plate, links pivoted to the said handles, a loop on the shank of each blade, and means pivotally connecting the said links of the handles to the said loops.

1,572,788. COLLAPSIBLE BOX. ABRAHAM GORDON, Brooklyn, N. Y. Filed Feb. 24, 1925. Serial No. 11,258. 3 Claims. (Cl. 220—6.)



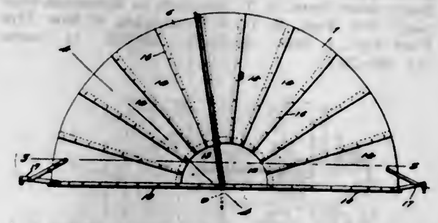
1. A collapsible box, which comprises a lateral section having on its end an offset wall parallel to the section, a wall transverse to the section, a rearwardly turned flange on the end of said transverse wall, said flange being parallel to the section, and a plate spaced from the transverse wall and parallel thereto to form a passage therebetween, an end section having an offset flange portion on its end, and a connecting wall, the flange portion adapted to slide between the spaced-plate, and the transverse wall of the lateral section, the connecting wall of the end section adapted to slide between the rearwardly extending flange and the end of the spaced-plate.

1,572,789. CHILD'S COASTER TOY. SIDNEY S. GRIFFIN, Detroit, Mich. Filed Oct. 9, 1924. Serial No. 742,691. 1 Claim. (Cl. 280—16.)



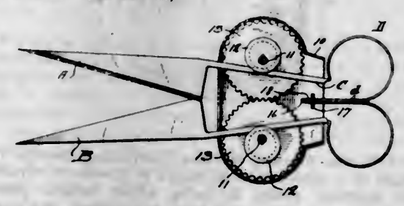
In a toy coaster, a body board, transversely extending front and rear bolster members upon the under side thereof, a sand board pivotally secured beneath said front bolster, an outer inverted substantially U-shaped member secured longitudinally beneath said rear bolster and said sand board, an inverted substantially U-shaped inner member secured within each of said outer members, the adjacent legs of said members being in spaced parallel relation, an inverted substantially V-shaped brace member within each of said inner U-shaped members, a stub axle extending through the lower ends of said spaced legs and one leg of an adjacent brace member, and a runner member having a hub adapted to be positioned between said legs and traversed by said axle, to be pivotally secured to swing, at will, longitudinally of the vehicle.

1,572,790. GARAGE. HUGH S. GRIGSBY, Richmond, Va. Filed May 28, 1925. Serial No. 33,551. 4 Claims. (Cl. 189—2.)



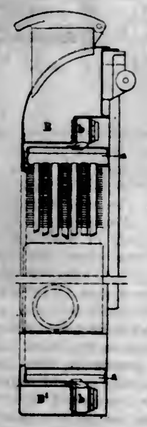
1. A building of the class described, comprising a pair of telescoping sections and formed of semi-circular shape in elevation and means for supporting the sections so that they can be moved about a horizontal axis.

1,572,791. POWER-OPERATING ATTACHMENT FOR SHEEP SHEARS. FRANKLIN N. GUYMON, Huntington, Utah, assignor of one-sixth to James P. Johnson, Huntington, Utah. Filed Sept. 19, 1925. Serial No. 57,367. 5 Claims. (Cl. 30—1.)



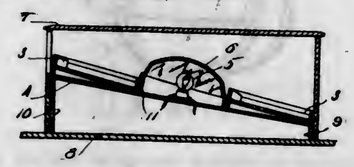
1. A power operating attachment for sheep shears comprising a casing through which the shanks of shears may be disposed, eccentrics mounted within the casing, one for each shank, and adapted to engage the shanks of the shears, power operated means for operating the eccentrics including a shaft extending to the exterior of the casing and having means whereby a flexible shaft may be connected thereto.

1,572,792. RADIATOR WITH REMOVABLE ELEMENTS. HENRI RAYMOND GUYOT, Paris, France, assignor to Société R. Guyot & Cie., Paris, France. Filed Nov. 22, 1922. Serial No. 602,582. 5 Claims. (Cl. 257—129.)



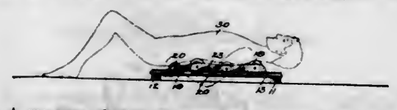
1. In a radiator having removable elements, a tubular member connecting the header of the radiator with an element thereof, a cylindrical member adapted to be inserted in the tubular member for closing the communication between a header and an element, said cylindrical member comprising two telescoping and spring-pressed sections, and means for telescoping the said sections.

1,572,793. ILLUMINATED DISPLAY CASE. JAMES WILLARD HALL, Brighton, Mass., assignor to The Moore Pen Company, Boston, Mass., a Corporation of Massachusetts. Filed Aug. 21, 1925. Serial No. 51,696. 4 Claims. (Cl. 240—2.)



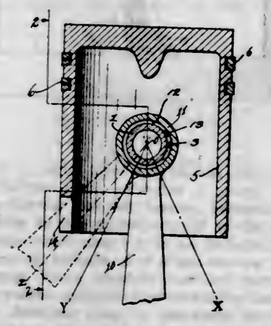
1. A display case comprising a transparent enclosure having top, front and side panels of glass, a light centrally located within said enclosure, and a plurality of trays adapted to hold articles for display arranged about said central light and within said enclosure, said trays and said light lying substantially in the same plane and inclining downwardly toward the front panel of said enclosure.

1,572,794. MASSAGE APPARATUS. CHARLES LESTER HAMILTON, Seattle, Wash. Filed Aug. 21, 1922. Serial No. 583,280. 3 Claims. (Cl. 128—57.)



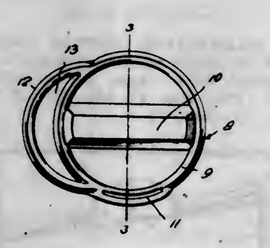
1. A massage device of the class described, comprising a plurality of grooved rollers of different sizes and alternately arranged, said rollers being shaped to straddle the spine, means for retaining the rollers in spaced relation to one another, a table on which said rollers travel, and means atached to the table for guiding the movement of said rollers on said table.

1,572,795. WRIST-PIN CONNECTION. DREW HEAD, Chicago, Ill. Filed May 25, 1925. Serial No. 32,671. 4 Claims. (Cl. 74—108.)



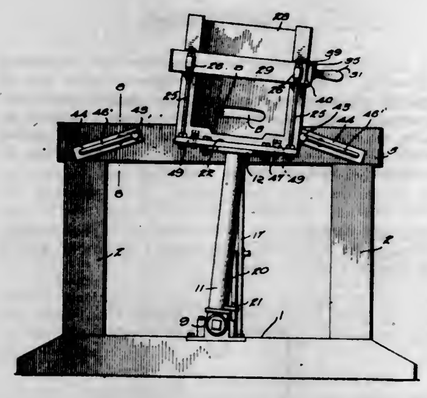
1. In a device of the type described, a connecting rod having a bore, a wrist pin adapted to pass through said bore, and interengaging means on said connecting rod and said wrist pin for preventing a longitudinal movement of the pin with respect to the connecting rod in any of the operative positions of said connecting rod, and for permitting rotative movement of the connecting rod with respect to the wrist pin.

1,572,796. SADDLE RING. JOHN HELM, Meade, Kans. Filed May 19, 1925. Serial No. 31,832. 1 Claim. (Cl. 54—46.)



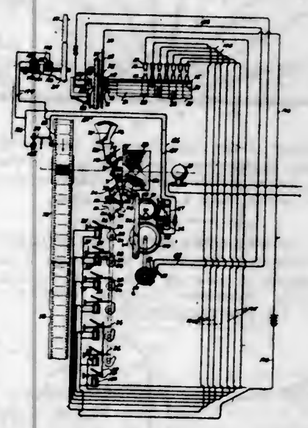
A saddle rigging ring of the class described comprising a concentric annulus provided with a central integral cross plate flat upon its inner face, said annulus being provided at its bottom with an arcuate slot, and a segmental member integral with one side of the annulus and spaced therefrom to provide a segmental opening for passage of a predetermined saddle strap.

1,572,797. WOODWORKING MACHINE. WILLIAM R. HIRT, Deerbrook, Wis. Filed Nov. 2, 1922. Serial No. 598,659. 3 Claims. (Cl. 144—140.)



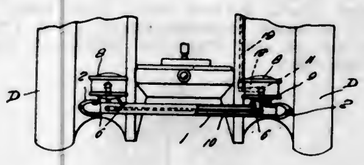
1. In a machine for cutting hand holes in end boards of crates, a frame, a rotatable shaft carried by said frame and projecting beyond one end thereof, a cutting element mounted on the projecting end of said shaft, a slidable shaft carried by said frame below and parallel to said first named shaft and adapted to oscillate, a standard carried by said slidable shaft outwardly of said frame and adjacent said cutting element, a plate arranged on the upper end of said standard, a pair of spaced upstanding arms carried by said plate, means for clamping an end board to said arms, and a pair of substantially horizontal arms carried by said frame and projecting from the end thereof on opposite sides of said upstanding arms, said horizontal arms being adapted to contact with said upstanding arms to limit the oscillating movement of said slidable shaft throughout its sliding movement.

1,572,798. LIGHT-CONTROL ATTACHMENT FOR FILM-PRINTING MACHINES. ROSCOE CONKLING HUBBARD, Mount Vernon, and AUGUST E. MUTSCHER, South Ozone Park, N. Y., assignors to Erbograph Company, New York, N. Y., a Corporation of New York. Filed Sept. 1, 1923. Serial No. 660,583. 21 Claims. (Cl. 95—75.)



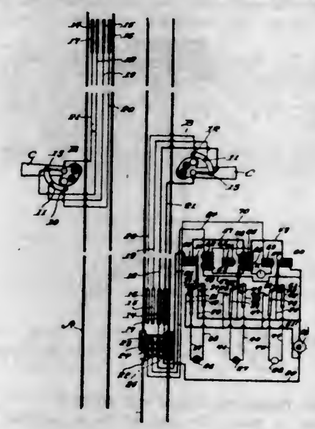
1. In a film printing machine functioning through the medium of a travelling film, means to produce a variable light aperture, means to bring about various predetermined unit adjustments of the first means, and selective means optionally operable to determine the unit adjustments; together with means to fractionally modify the extent of the selected unit adjustment.

1,572,799. DIRIGIBLE HEADLIGHT. ROBERT E. KAISER, Conemaugh, Pa. Filed Apr. 16, 1925. Serial No. 23,566. 1 Claim. (Cl. 240—62.)



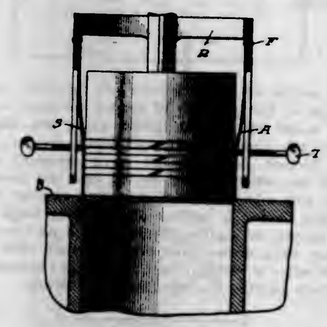
In a dirigible headlight structure, an elongated tube adapted for connection at its opposite ends to the fenders of an automobile, said tube being provided with securing flanges at its respective ends, a pair of opposed ears struck out from the tube adjacent each end thereof to provide a pair of openings adjacent the respective ends of the tube, a pair of bearings, each bearing having forwardly extending arms, the forward portions of the arms being disposed adjacent the outer sides of the rearwardly disposed ears of each pair, the free ends of the arms being disposed laterally and secured to the tube, whereby the bearings are disposed directly behind the respective openings in the tube, a pair of head-lights embodying vertical standards, the upper ends of said standards being rotatable in said bearings, forwardly extending crank arms connected to the standards and extending through the respective openings into the tube, and a connecting rod within the tube connected at its respective ends to the forward ends of the respective crank arms.

1,572,800. TRAIN-SIGNALING SYSTEM. WILLIAM KANNENBERG, Milwaukee, Wis. Filed May 8, 1925. Serial No. 28,886. 1 Claim. (Cl. 246—195.)



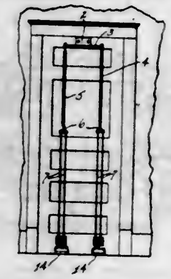
In a signal system of the character described, a source of current carried by a locomotive, a plurality of signal devices in the locomotive, a source of current, a plurality of switches on the locomotive for controlling the energization of said signal devices, means for operating said switches including armatures carried thereby, electro-magnets positioned to attract the armatures, track means for selectively controlling the energization of said electro-magnets, the track means including contact shoes depending from the locomotive, elements mounted along the trackway engageable by the shoes, and a circuit closing device connected with a semaphore and with said track elements, a separate signal device and one of the track elements and one of the locomotive carried shoe members being connected therewith for giving a visible indication when there is no change in the signal.

1,572,801. PISTON-RING COMPRESSOR. PAUL CECIL KEARNEY, Bridgeport, Conn. Filed Feb. 5, 1925. Serial No. 7,014. 2 Claims. (Cl. 29—86.4.)



1. A piston ring compressor having a frame consisting of a rigid ring and a plurality of approximately equidistantly spaced arms extending in one direction therefrom at right angles to the diameter of said ring, with a spring finger rigidly fastened to one end of each of said arms and screw means adapted when turned to push inward against said spring fingers to form an adjustably tapered opening through which a ringed piston can be forced.

1,572,802. EXERCISER. CHARLES D. LAYMAN, Louisville, Ky. Filed Mar. 3, 1924. Serial No. 696,633. 3 Claims. (Cl. 272—82.)



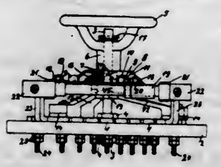
1. An exerciser of the type described, a non-rotatable friction drum, means for hingedly mounting said drum upon a supporting surface, a flexible cable arranged for frictional engagement with said drum, a hand grip associated with said cable at one end thereof, and means for opposing the movement of said cable in one direction associated with the opposite end of the cable.

1,572,803. ORNAMENTAL BUTTON. ABRAHAM I. LEWIS, Newark, N. J. Filed May 26, 1925. Serial No. 33,014. 5 Claims. (Cl. 27—90.)



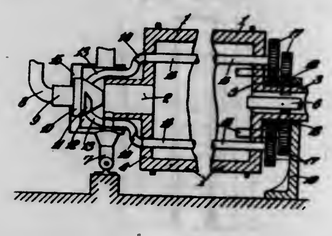
1. An ornamental button for garments, comprising a button body, a socket formed in said body and a jewel mounted in part of said body, said socket being provided with clamping members whereby the same is clamped to said button body, and a bar arranged opposite the jewel, said bar being adapted to receive threads when the button is sewed in place on a garment.

1,572,804. STARTER FOR ELECTRIC MOTORS. CHRISTIAN LEY, Glauchau, Germany, assignor to The Firm of Alos Apparatebau, Gesellschaft mit beschränkter Haftung, Glauchau, Germany. Filed Mar. 28, 1925. Serial No. 19,099. 2 Claims. (Cl. 200—7.)



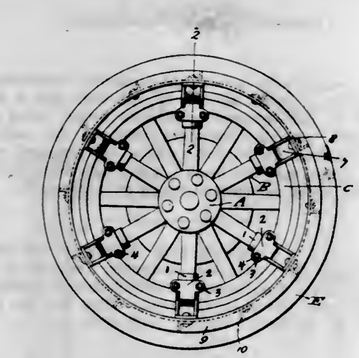
1. A starter for electric motors, comprising, a base plate carrying stationary contacts, a spindle attached to the base plate, a handle, an insulating disk and a contact carrier rotatable about the spindle, the contact carrier including a ring surrounding the spindle at a distance and carrying contact arms for sliding over the stationary contacts, coupling members on the contact carrier for engaging the insulating disk from below, a single centrally arranged spring exerting central pressure on the upper surface of the insulating disk when the starter is assembled, a cap embracing the spring and provided with notches, coupling members on the upper face of the insulating disk engaging the notches in the cap, and means causing the cap and handle to rotate together.

1,572,805. ROTARY FURNACE. ADAM HELMER PEHRSON, Berg Granbergsdal, Sweden, assignor of one-half to Alfred Petter Pehrson, Kincraig, England. Filed June 15, 1925. Serial No. 37,356. 11 Claims. (Cl. 263—33.)



1. In a rotary furnace the combination of inlet and outlet necks at the ends, a valve-like device for controlling the supply of aeriform fluid, conduits extending longitudinally of the furnace and having lateral openings, means for conducting the aeriform fluid from said valve-like device to said longitudinal conduits, and means for preventing the charge in the furnace undergoing treatment from entering said openings during the rotation of the furnace.

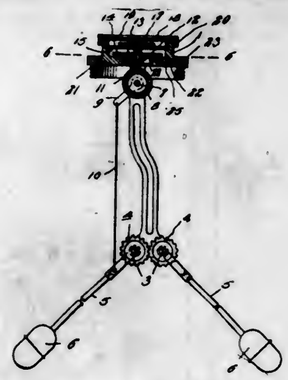
1,572,806. WHEEL ATTACHMENT. JOHN PETERSON and HENRY PETERS, Winamac, Ind. Filed June 19, 1925. Serial No. 38,297. 3 Claims. (Cl. 301—40.)



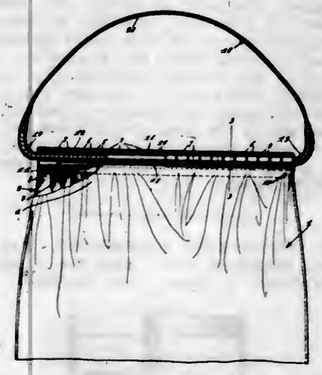
2. A wheel attachment of the character described comprising cooperatively associated semi-circular members adapted to embrace a spoke of the wheel, plates formed on the opposite sides of each semi-circular member for receiving bolts for securing the same to the spoke, a rim bead engaging portion formed on one of said plates, an arm formed on the other of said plates, and means formed on the end of said arm for receiving a cleat or a rim.

1,572,807. GASOLINE GAUGE. ARCHIE P. PRICE, Covington, Ind. Filed July 5, 1922. Serial No. 572,854. 1 Claim. (Cl. 200—84.)

The combination with a cap adapted to have threaded engagement with the filling opening of a tank, and having a recess in its upper face, and a transverse opening passing through one side thereof and communicating with the recess, of a dial arranged in the cap, an indicating hand movable over the dial, a float, a gearing supported upon the under face of the cap and operatively engaging the indicating hand, an arm fixed to alternate with the gearing, a connecting rod between the arm and float, a cam element fixed to rotate with the gearing and disposed in the recess and a spring pressed plunger movable in the transverse recess and adapted to be engaged by the cam to move the plunger to a position to complete an electric circuit.



1,572,808. CLOSURE FOR CONTAINERS. SVENAS QUISLING, Madison, Wis. Filed Oct. 30, 1925. Serial No. 65,810. 3 Claims. (Cl. 150—3.)

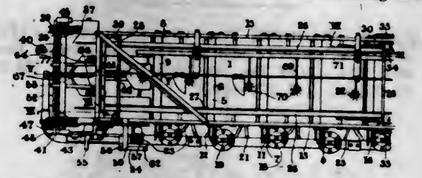


1. A device of the character set forth for connecting the edges of two portions of flexible material, comprising means to set up a rigid trough along one edge of one portion, the interior diameter being greater than the mouth thereof, means to set up a casement along one edge of the other portion having one end fixed in said trough, and a locking cord extending through said casement and having a portion of relatively large diameter and a portion of smaller diameter, said portion of larger diameter when drawn into said casement after positioning the same in said trough, filling and preventing the same from passing the mouth of the trough.

1,572,809. MACHINE FOR SORTING DOCUMENTS. CHARLES FREDERIC RATCLIFF, North Finchley, London, and DONALD MACADIE, Palmers Green, London, England. Filed Feb. 25, 1925. Serial No. 11,594. 16 Claims. (Cl. 209—72.)

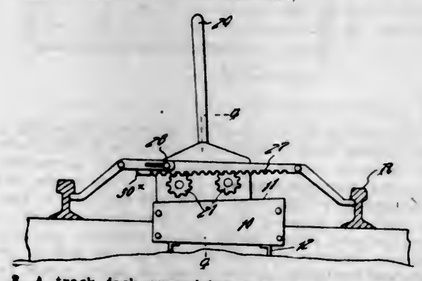
1. A machine for sorting documents and the like provided with determinate perforations, comprising a track having a series of successive interceptors movable from an inoperative position to permit a document to pass

along the track over the interceptor or to an operative position to deflect the document and intercept its track travel, means for feeding the document successively along the track and simultaneously operating all interceptors to an operative position and thereafter permitting them



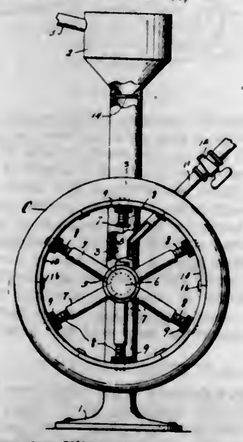
to move to an inoperative position, and pneumatically operated means to prevent an interceptor from returning to an inoperative position, the pneumatic control of such means being governed by the position of the perforation in the document approaching the interceptor.

1,572,810. RAIL JACK. THOMAS RAY, Siegas, New Brunswick, Canada. Filed Sept. 30, 1924. Serial No. 740,808. 3 Claims. (Cl. 254—43.)



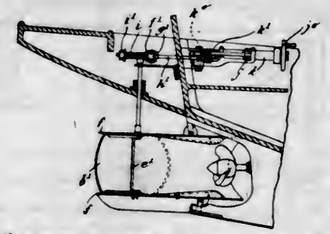
3. A track jack comprising a supporting base having an inclined top, arms disposed transversely of the track above the base and engaging the rails of said track, a member mounted for vertical adjustment upon the inclined top of the base, means operatively associating the member and arms whereby the latter may be moved vertically and horizontally and means whereby the arm moving means may be actuated.

1,572,811. TIRE-FILLING APPARATUS. ENRICO RE, Camden, N. J. Filed Aug. 14, 1924. Serial No. 732,005. 1 Claim. (Cl. 154—9.)



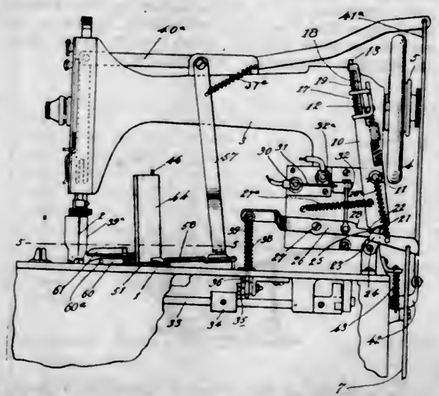
An apparatus for filling tires comprising, in combination, a supporting member provided at its upper portion with a reservoir, said supporting member having extending therethrough a conduit leading from the reservoir and opening through a side wall of the member at a point below the reservoir, a check valve within the conduit to prevent retrograde flow through the conduit into the reservoir, a laterally disposed tubular member engaged within the lower open end of the conduit of the supporting member and in communication therewith, the outer end of said tubular member being closed, tubular members radiating from the first named tubular member and in communication therewith, said last named members being expansible and retractile, a rim section carried by each of the last named members, each of the said last named members extending through and outwardly of the rim section carried thereby, and a nozzle extending within the lower portion of the conduit of the supporting member and discharging toward the lower end thereof, said nozzle being adapted for communication with a fluid under pressure.

1,572,812. PROPULSION AND MANEUVERING OF SHIPS AND AIRCRAFT. EDMUND SCOTT GUSTAVE REES, Wolverhampton, England. Filed Sept. 8, 1922. Serial No. 586,949. 7 Claims. (Cl. 244—18.)



1. In the propulsion and maneuvering of ships and aircraft, the combination of a rearwardly-flaring augmenter or draft tube situated immediately in rear of the propeller, and a pressure chamber at the rear end of the said tube increasing in cross-sectional area from said tube to a point intermediate its length, and then decreasing to its discharge outlet, said pressure chamber being adapted to raise the pressure of the fluid stream within the chamber to a value greater than that or the surrounding fluid.

1,572,813. TAG-MOUNTING MACHINE. MORRIS G. ROSENTHAL, Cincinnati, Ohio, assignor of one-half to Fred E. Klein, Cincinnati, Ohio. Filed Mar. 4, 1922. Serial No. 540,956. 12 Claims. (Cl. 192—2.)



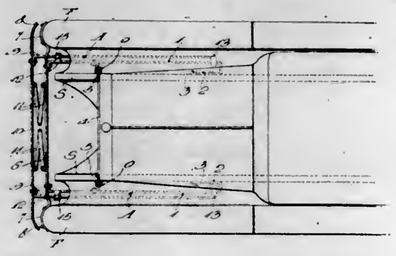
1. In a sewing machine, the combination with driving means adapted for connection with a source of electric power, a stop for the driving means, a switch controlled by the operator, both of said switches in circuit with

the electric source of power, a release for the stop, and connections from the first named switch to the stop, and from the second named switch to the stop release, for the purpose described.

1,572,814. DETERGENT COMPOSITION. WILLIAM SCHNEIDERMAN, New York, N. Y. Filed May 25, 1923. Serial No. 641,512. 4 Claims. (Cl. 87—5.)

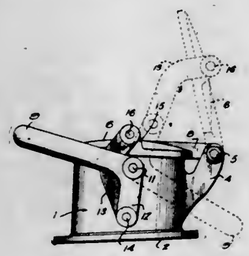
1. A detergent composition comprising about one volume of a soap cream, about an equal volume of turpentine, and a somewhat greater volume of petrolatum, together with a small amount of carbon tetrachloride.

1,572,815. COMBINED LUGGAGE CARRIER AND BUMPER. RUDOLF G. SCHULTZ and OTTO L. HENDREN, Columbus, Nebr.; said Schultz assignor to said Hendren; Mary Hendren administratrix of said Otto Hendren, deceased. Filed Apr. 20, 1925. Serial No. 24,538. 3 Claims. (Cl. 293—55.)



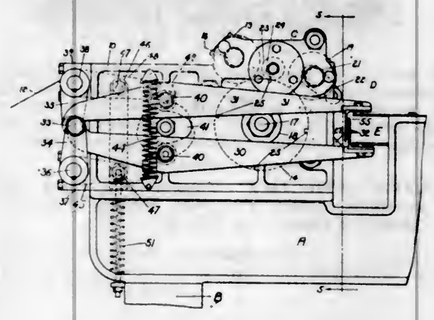
1. A combined bumper and luggage carrier comprising a pair of parallel longitudinal bars adapted to be secured to the side bars of a chassis, a transverse bar secured to and extending between the outer ends of said longitudinal bars, a bumper bar spaced outwardly from and parallel with said transverse bar, a second pair of parallel longitudinal bars carrying said bumper, means slidably mounting said second pair of longitudinal bars on said first named pair of longitudinal bars, and extensible and retractible luggage supporting means between and connected to said transverse bar and said bumper bar.

1,572,816. CLOSURE MEMBER. WILLIAM SCHWEMLEIN, Parkersburg, W. Va., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va., a Corporation of West Virgina. Filed Feb. 27, 1924. Serial No. 695,556. 3 Claims. (Cl. 220—36.)



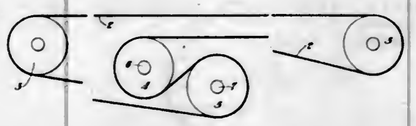
1. In a device of the character described, a shell, a cover pivoted on said shell, an operating lever pivoted on said shell, said lever being provided with downwardly extending terminal extending beyond their pivots, and a floating link connected to each of said terminals and to said cover whereby upward movement of the free end of said lever will move said terminals about said pivots as an axis and raise said links to open said cover.

1,572,817. MACHINE FOR INTERFOLDING PAPER. GLENN A. SHAFFER and FRANKLIN H. WIRTZ, Green Bay, Wis. Filed Dec. 31, 1924. Serial No. 759,059. 10 Claims. (Cl. 270—39.)



1. A machine of the character described, comprising a stand, a guide plate on the stand, means for feeding sheets onto the plate, means for cutting the sheets successively into units, strippers adjacent to the cutting means, one of the strippers being constructed and arranged to position the units adjacent to each other in overlapped relation to each other, tucker means including pivotally connected members on opposite sides of the path of the units, and mechanism for actuating the tucker means for effecting the interfolding of said units and the pressing of the same in an assembled mass.

1,572,818. DRIVE MECHANISM. FRANK E. SMITH, Scottdale, Pa. Filed Mar. 26, 1925. Serial No. 18,539. 6 Claims. (Cl. 198—203.)

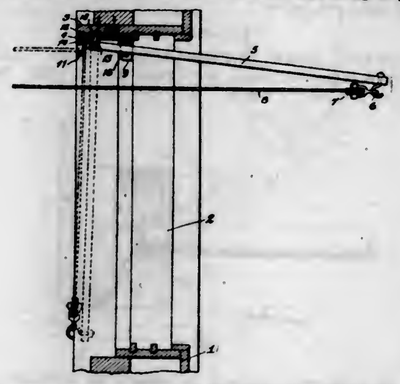


2. The combination with an endless conveyer of tandem drive pulleys over which said conveyer is trained, drive shafts for said pulleys, the shaft for one of said pulleys having a geared connection with a source of power forming a positive drive, the other of said drive shafts being divided intermediate its ends, one portion of said second named shaft having a geared connection with a source of power forming a positive drive, a coupling connecting the other portion of said second named shaft with said first named portion, and means in said coupling for automatically forming a positive connection between said shaft portion when said second named portion tends to rotate at a lesser speed than said first named portion.

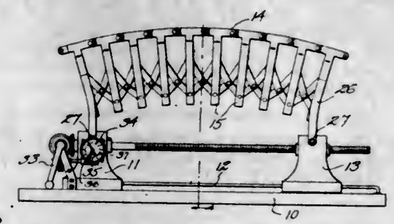
1,572,819. EXTENSION ARM FOR PULLEY LINES. RALPH H. SMITH, Brooklyn, N. Y. Filed Feb. 4, 1924. Serial No. 690,597. 2 Claims. (Cl. 68—34.)

2. In a clothesline support, a bracket for supporting an arm, said bracket being formed with a base having a

pair of spaced ears at one end, said ears being apertured for receiving a pin, a pair of spaced ears near the opposite end formed with apertures for receiving a pivotal pin, a pair of hooks arranged near the last mentioned ears, and a shoulder arranged in the base adjacent the second mentioned ears.

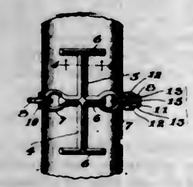


1,572,820. ADJUSTABLE CURVATURE FORM. ANTON W. SPORER, Manitowoc, Wis. Filed Mar. 12, 1923. Serial No. 624,682. 3 Claims. (Cl. 33—177.)



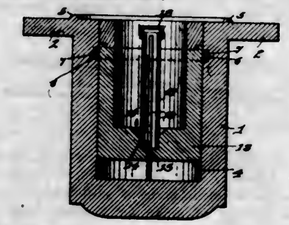
1. An adjustable form of the character described comprising a base, a stationary upright thereon, a block slidable along the base, a form supported from the block and upright and consisting of a series of pivotally connected sections, and means for adjusting the position of the movable block, said means consisting of a screw rotatable through the upright and having threaded connection with the block, a gear on said screw, a counter-shaft carrying a gear meshing with said first named gear and a handle on the counter-shaft.

1,572,821. ANTISKID DEVICE. WILLIAM F. STAGGERS, Mannington, W. Va. Filed Jan. 9, 1924. Serial No. 685,253. 3 Claims. (Cl. 152—14.)



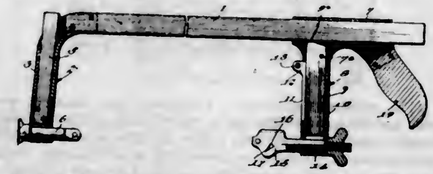
1. An antiskid device including a metallic rod adapted to extend longitudinally of the tire, a plurality of transverse rods carried by the longitudinally extending rod, and means for attaching chains to the ends of one of the intermediate transverse rods, the ends of the remaining transverse rods being free.

1,572,822. HYDRAULIC RAM. SAMUAL E. STEPHENSON, Atlanta, Ga. Filed Dec. 17, 1924. Serial No. 756,500. 10 Claims. (Cl. 138—10.)



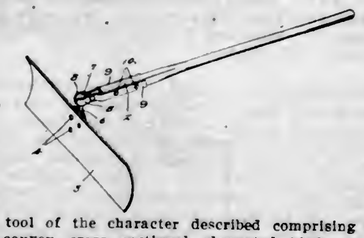
1. A hydraulic ram of the sectional or cut type provided with means for maintaining the joint thereof above the packing in the cylinder for the ram.

1,572,823. HACK-SAW FRAME. FRANCIS ALEXANDER STIERHEIM, Pittsburgh, Pa. Filed Jan. 23, 1924. Serial No. 687,993. 2 Claims. (Cl. 145—34.)



1. A hack saw frame including a body portion and a pair of diverging legs carried by the body portion, each leg of the pair comprising a pair of leg members constrained to axial adjustment relative to each other whereby the legs are extensible, one pair of the legs being adjustable along the body portion, the legs having means for holding and tensioning the saw blade, one of the leg members of one of the legs being engageable with the body portion under the influence of said means when the same is tightened up to secure a saw blade in position.

1,572,824. SCRAPER. JOHN TATGE, White City, Kans. Filed Oct. 22, 1923. Serial No. 670,167. 1 Claim. (Cl. 37—53.)

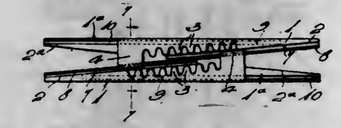


A tool of the character described comprising a concavo-convex cross sectional elongated blade, a shank secured to the convex side of said blade midway its ends and terminating beyond the upper longitudinal edge thereof in a ball, a handle, straps secured to one end of said handle and terminating in concavo-convex resilient members in a manner to form a socket for receiving the ball, said ball having a circumferential series of spaced notches, with each notch disposed substantially at right angles to the length of the socket and being adapted to lessen the liability of the ball casually turning in the socket.

1,572,825. PRINTER'S QUOIN. ALBERT E. UNRUH, Salem, Oreg., assignor of one-half to Stanley J. Ostrander, Salem, Oreg. Filed May 14, 1925. Serial No. 30,245. 2 Claims. (Cl. 254—42.)

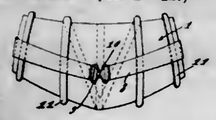
1. A printer's quoin comprising a pair of co-operating wedges having oblique contacting inner edges and having

their wide ends remote from each other, a second pair of similar wedges similarly related with each other, one pair of wedges contacting with the other pair, and the oblique edges of one pair crossing the correspond-



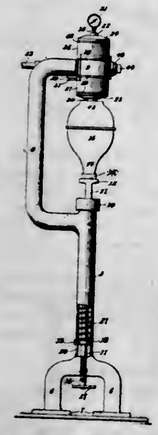
ing edges of the other pair, means for longitudinally guiding the wedges, and slidable connecting means between the adjacent wide ends of said wedges causing one wedge of each pair to move as a single unit with one wedge of the other pair.

1,572,826. COMBINED ABDOMINAL SUPPORTER AND TROUSERS-SUSPENDING DEVICE. WILLIAM H. VIRGIN, New Orleans, La. Filed Mar. 21, 1925. Serial No. 17,283. 2 Claims. (Cl. 2—41.)



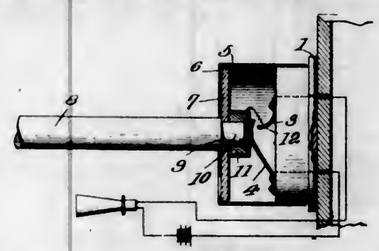
1. A combined abdominal supporter and trousers suspending device comprising a belt forming an abdomen support and provided with means for detachably connecting the ends thereof together, a stay member flush with the top and bottom edges of the belt and secured to the inner face of the latter at the vertical median thereof, a pair of oppositely disposed inclined stay members flush with the top and bottom edges of the belt, secured to the inner face of the latter and extending from one end of the vertical median thereof, and a series of, unitary, independent spaced combined belt stay and trousers suspending elements secured to the outer face of said belt said elements of a length to extend from the lower edge and project above the top edge of the belt, said upper extended ends of said elements adapted to be detachably connected with the waist band of a pair of trousers for suspending the latter.

1,572,827. ELECTRICALLY-OPERATED SEALING MEANS FOR VACUUM BOTTLES. WALTER WAGNER, Chicago, Ill. Filed May 29, 1923. Serial No. 642,323. 7 Claims. (Cl. 220—1.)



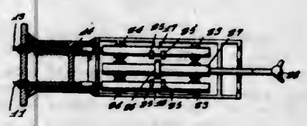
1. The method of producing a vacuum in a metallic walled chamber wherein a finely divided material is positioned and sealing the same which consists in connecting the chamber while in an inverted position to a vacuum pump and sealing the chamber by electrically inserting a plug into its connection after the said chamber has been evacuated.

1,572,828. HORN BUTTON ATTACHMENT. ALBERT U. WALTER, Baltimore, Md. Filed Aug. 2, 1922. Serial No. 579,183. 1 Claim. (Cl. 200—59.)



An attachment adapted to replace the ordinary push button of an automobile horn controlling switch, including a plate constructed and arranged to replace the button of the switch and to be loosely retained in place adjacent the contacts of the switch by the button retaining flange of the usual housing enclosing the contacts of the switch, one of said contacts being yielding and operating to normally hold the plate in contact with the flange, said plate having rigidly attached thereto, centrally thereof, a relatively long operating lever, which lever projects outwardly through the open end of the housing when the plate is positioned therein to a convenient point for operation, said plate fulcruming at any point on the retaining flange for closing the contacts when said lever is operated in any direction.

1,572,829. GEAR-SHIFT CONTROL. HUGH T. WHITE, Dallas, Tex. Filed June 4, 1924. Serial No. 717,809. 2 Claims. (Cl. 74—39.)

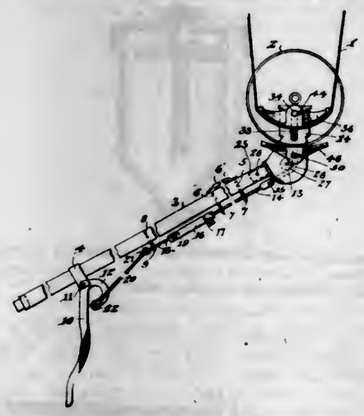


1. A gear shifting mechanism for motor vehicles, comprising in combination with the gear shifting members of the transmission, a housing, operating rods slidably mounted within the housing and having inwardly extended spaced enlargements formed thereon, flexible members for connecting the operating rods to the gear shifting members of the transmission, a slidable rod disposed between the operating rods, said slidable rod being manually controlled, an enlargement carried by the last mentioned rod and extending upwardly therefrom, said enlargement adapted to be moved between the enlargements of the operating rods to move the operating rods, and means for normally holding the slidable rod normally against movement.

1,572,830. DEVICE FOR PLACING BELTS ON PULLEYS. FRED ANDREWS, Detroit, Mich. Filed Aug. 29, 1925. Serial No. 53,336. 5 Claims. (Cl. 64—51.)

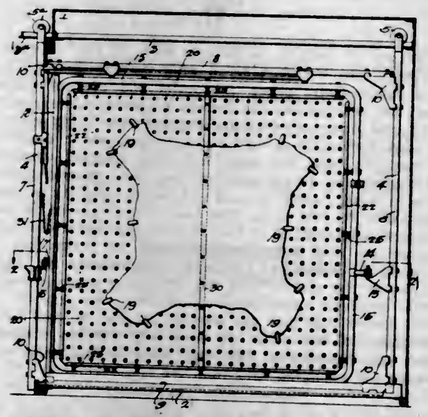
1. A device for the purpose set forth comprising a combined support and housing, a handle bar extended from one end thereof, a stationary lower jaw supported from each side of the housing, a vertically movable normally elevated, spring controlled carrier arranged within said housing, a pair of upper clamping jaws supported

from the carrier and arranged at opposite sides of the housing, each upper jaw cooperating with a lower jaw, and means shiftably supported from the handle bar and



extending into the housing for shifting the carrier from normal position, to provide for the cooperation of an upper and lower jaw to position a belt on a pulley.

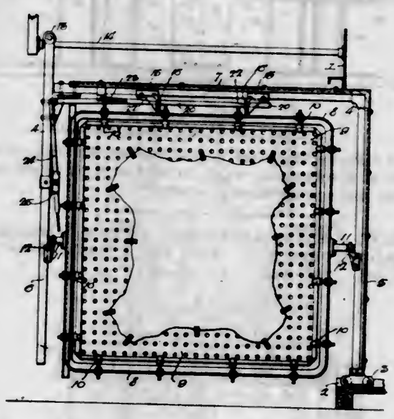
1,572,831. CARRYING FRAME FOR LEATHER DRIERS. ELWOOD B. AYRES, Melrose Park, Pa., assignor to Proctor and Schwartz, Incorporated, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Oct. 2, 1925. Serial No. 60,106. 8 Claims. (Cl. 94—40.)



4. The combination of a carriage adapted to be inserted into a drier; a frame pivotally mounted on the carriage; a perforated plate within the frame for supporting the material to be dried; and adjustable bolts connecting the plate with the frame so that tension can be applied to the perforated plate.

1,572,832. LOCKING DEVICE FOR DRYING FRAMES. ELWOOD B. AYRES, Melrose Park, and ALPHEUS O. HURXTHAL, Philadelphia, Pa., assignors to Proctor and Schwartz, Incorporated, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Oct. 3, 1925. Serial No. 60,241. 5 Claims. (Cl. 34—40.)

5. The combination of a drying frame; a carriage on which the frame is mounted; slotted brackets on the upper portion of the carriage; a latch slidably mounted on each bracket, the latch being notched to engage the frame and also notched at one side; a longitudinally movable cam bar extending through the slots of the brackets and through the notches in the sides of the



latches; a lever for moving said bar; and a spring for withdrawing the bar to allow the latches to normally rest in the engaging position, so that when the frame is moved into the vertical position it will be engaged by the latches.

1,572,833. BURNER CONSTRUCTION. GEORGE BAKER, Pershing, Okla., assignor of one-third to Lee McCrory and one-third to Rees J. Jones, jr., both of Pawhuska, Okla. Filed June 9, 1925. Serial No. 36,029. 5 Claims. (Cl. 158—118.)

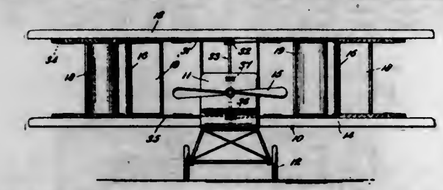


4. In combination with a fixed mixing chamber having an inlet and a gas drum aligned with said inlet, a sleeve slidably fitting the inlet of the mixing chamber and said drum, and having means whereby it may be secured in adjusted positions with relation thereto, said sleeve having openings formed in the wall thereof elongated longitudinally of the axis of the sleeve, the sleeve having secured thereto upon its exterior and at the end of the openings next adjacent the inlet of the mixing chamber the smaller end of a conical flange the outer end of which is directed toward the drum engaging end of the sleeve, said sleeve being of greater length than the openings and a collar slidably mounted upon the sleeve in opposition to the larger end of the flange and having a flange which, when in one position of the collar, engages the first named flange interiorly to prevent the passage of air between said flange and the sleeve to said opening and means for securing said collar in adjusted positions.

1,572,834. BRAKE FOR AIRPLANES. HAROLD E. BAUGHMAN, Waterloo, Iowa. Filed Nov. 14, 1925. Serial No. 69,043. 7 Claims. (Cl. 244—29.)

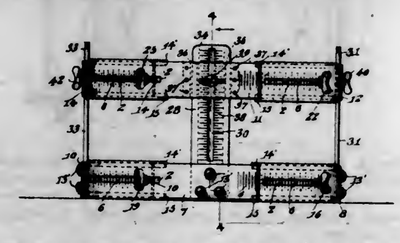
1. In an airplane, a strut member, the rear portions of which are cut away; aerofoils normally positioned behind said strut member in planes substantially parallel

to the path of wind travel with their forward portions in the cut away portions of said strut, said aerofoils



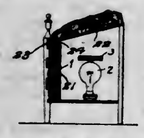
being movable therefrom to positions at the sides of said strut at a substantial angle to said path of travel; and means for moving said aerofoils.

1,572,835. SKIRT-MEASURING DEVICE. MINNIE J. BEAMER, Flint, Mich. Filed July 3, 1925. Serial No. 41,383. 2 Claims. (Cl. 33—9.)



1. A measuring device for the purpose set forth comprising a series of vertically disposed height gauges, a lower set of circumferential gauges interengaging with each other and further adjustably connected together, means for fixedly securing each of the gauges of said set to the lower end of a height gauge, an upper set of circumferential gauges interengaging with each other and further adjustably connected together and bodily adjustable vertically with respect to said height gauges, means for adjustably connecting each of the gauges of the upper set to a height gauge, and each of the gauges of said sets provided with a lengthwise extending slot and its outer face formed with scale graduations, the scale graduations of a gauge of one set exposable through the slot of an adjacent gauge of the same set.

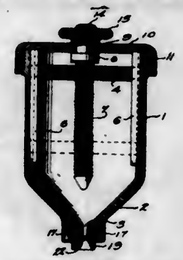
1,572,836. ELECTRIC FIRE. HERBERT HENRY BERRY, London, England. Filed Sept. 5, 1924. Serial No. 736,190. 1 Claim. (Cl. 240—2.)



An electric fire, comprising an independent grate, a panel fitted into the front of the grate, imitation fuel in the panel, a second panel fitted over the grate and removable therefrom, imitation fuel carried by the second panel, and a bar carried by said second panel and adapted to be positioned in front of and conceal the juncture between the panels at the upper forward edges thereof when the panels are in applied position.

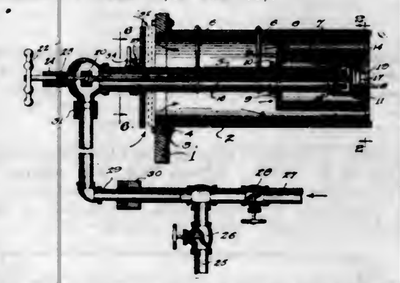
1,572,837. DISPENSING DEVICE. HELEN BETTS and EDWARD DAWSON BETTS, Passaic, N. J. Filed Aug. 7, 1923. Serial No. 656,247. 3 Claims. (Cl. 221—79.)

1. In an apparatus of the character described, a container having an outlet opening at the lower end thereof, means for forcing the contents of said container toward said outlet opening, a plate arranged beneath said outlet opening, said plate being provided with an opening in alinement with said outlet opening, a cylinder depending from said plate in alinement with



said openings, and a cutter member slidably mounted in said plate adjacent the opening in said container and normally closing the opening therein.

1,572,838. LIQUID-FUEL BURNER. JAMES B. BIRD, Vancouver, Wash. Filed Dec. 10, 1924. Serial No. 755,044. 1 Claim. (Cl. 158—78).



In an oil burner, a burner pipe, a rod extending through said burner pipe, a plug carried by said rod and substantially filling the outlet end of said burner pipe and adapted to slide therein, a burner tip carried by said pipe and extending therebeyond, the inner surface of said burner tip being tapered to increase in diameter toward its outer end and having an internal diameter throughout its length greater than that of said burner pipe, a head carried by said rod within said tip in close proximity to said plug, said head being tapered to correspond substantially to that of the inner surface of said burner tip and being provided with an inner face of substantial diameter arranged substantially at right angles to the axis of said rod, said plug being provided with openings communicating between the interior of said burner pipe and the interior of said tip and being arranged in the circle, of materially smaller diameter than the diameter of the inner face of said head, and means for adjusting said rod.

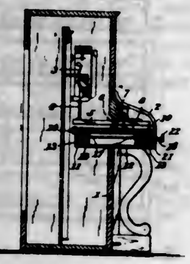
1,572,839. BAKED-ENAMEL REMOVER. GEORGE W. BLAIR, Wabash, Ind. Filed Mar. 26, 1924. Serial No. 702,150. 2 Claims. (Cl. 87—5.)

1. A liquid composition suitable for removing baked enamel from surfaces, comprising a major proportion of shellac, smaller proportions of lacquer and paraffin wax, and a still smaller proportion of aqua-ammonia.

1,572,840. PRODUCTION OF PULP. LINN BRADLEY, Montclair, N. J., and EDWARD P. MCKEEVER, Plattsburg, N. Y. Original application filed Mar. 28, 1921, Serial No. 456,187. Divided and this application filed Apr. 10, 1924. Serial No. 705,711. 6 Claims. (Cl. 92—18.)

2. In the preparation of chemical pulp, the use of a cooking liquor comprising sodium hydroxide and sodium thiosulfate, the sodium hydroxide being used materially in excess of the amount required to decompose silicates and aluminates in the material treated.

1,572,841. SUPERTRANSPOSING PIANO. ENGELBERT W. BACHMEYER, Hawley, Pa. Filed Jan. 28, 1922. Serial No. 531,218. 4 Claims. (Cl. 84—447.)



4. An automatic transposing mechanism for a keyboard instrument comprising a keyboard structure including a base member and spaced depending flanges carried by said base member, rack members carried by said depending flanges, a guide frame for said base member, operating members extending through said flanges and through the guide frame and projecting through the casing of the instrument near either end thereof, and means carried by said operating members for cooperation with the rack members to shift the keyboard structure in the guide frame in either direction to transpose automatically from one key to another so that a selection played in a selected key according to the fingering on the keyboard may be rendered in any other key desired, each complete operation of the operating members serving to shift the keyboard a predetermined number of spaces and change the keyboard to as many different positions for playing the selection in the key desired, each movement of the keyboard structure serving to change the same to position for playing in a different key, and indicating means carried by said base board and adapted to extend through slots in certain of said keys for cooperation with an indicating scale mounted on said instrument.

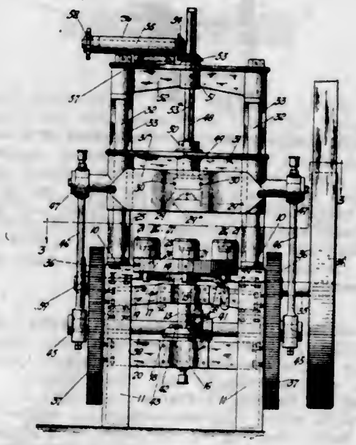
1,572,842. AUXILIARY INTAKE AIR VALVE. LE ROY R. BLADES, Chicago, Ill., assignor, by direct and mesne assignments, to Frank J. Gandy. Filed Aug. 11, 1923. Serial No. 656,932. 4 Claims. (Cl. 251—145.)



1. In combination with an intake manifold, air supply means communicating therewith and operable by suction therein to vary the amount of air admitted therethrough, said means comprising a sleeve fixed to said manifold and opening thereinto, a sleeve slidable in said first-mentioned sleeve and having a longitudinal slit adjacent its outer end, a casing around said sleeves and having a port therethrough, said casing comprising a plurality of members adjustably secured to each other, and a spring for yieldingly holding said inner sleeve in its normal position whereby the increase of suction in the manifold will move said inner sleeve against the action of the spring to vary the effective size of the slit opening.

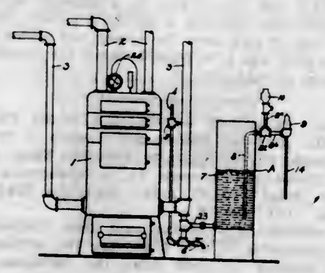
4. In combination with an intake manifold, a sleeve adapted to be fixed to said manifold and opening thereinto, a valve slidably journaled by said sleeve and having an elongated opening at one end, means for normally pressing said valve outwardly of said sleeve, a casing enclosing said sleeve and valve and having a port through which all air entering said opening must flow, said valve being actuated by suction in said manifold, and manually operable means for controlling the effective size of the port.

1,572,843. PRESS. JOHN J. CHAMBERLAIN, Akron, Ohio, assignor to The United States Stoneware Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 11, 1924. Serial No. 749,147. 7 Claims. (Cl. 25—73.)



1. A machine of the class described comprising a rotary mold-carrying table, a die reciprocable toward and from said table, and means for rotating the table and reciprocating the die, said means comprising a rotating shaft, an eccentric on the shaft, a drive plate secured to the table, projections on the drive plate, a pawl formed on the eccentric strap and adapted to ride on said plate and to engage the projections, a stop plate also on the eccentric strap for engaging the projections, a crosshead for carrying the die, cranks on the shaft and connecting rods between the cranks and the crosshead.

1,572,844. HEATING SYSTEM. JOHN M. DOUGHERTY, St. Louis, Mo., assignor to D. & T. Manufacturing Company, St. Louis, Mo., a Corporation of Missouri. Filed Apr. 27, 1925. Serial No. 26,162. 7 Claims. (Cl. 237—66.)



3. In a closed liquid heating system, an expansion tank for containing air and water under pressure exceeding atmospheric pressure, an air inlet valve connected to said tank, a drain cock for the system connected to the lower portion of said tank, and a supply cock for connecting the system to an exterior source of liquid under pressure greater than atmospheric pressure, whereby solely by operation of said cocks said tank may be charged with air under pressure exceeding atmospheric pressure.

1,572,845. CURTAIN SUPPORT. GRACE A. EFFORD and NELS S. ERICKSON, Chicago, Ill., assignors, by mesne assignments, to Urbane L. Barrett, Mason City, Iowa. Filed Aug. 24, 1923. Serial No. 659,049. 7 Claims. (Cl. 156—22.)

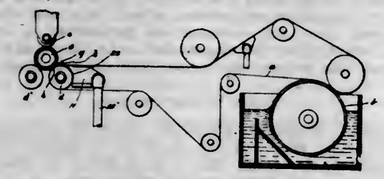


1. In a curtain support, the combination of a bracket provided with a vertical bearing, a tubular curtain rod formed with a tubular vertical pintle mounted in and projecting below said bearing, the lower end of said pintle having an outwardly swaged flange, and a coil compression spring encircling the projecting portion of said pintle and stepped at its lower end on said flange and at its upper end abutting against the lower end of said bearing.

1,572,846. MANUFACTURE OF ALKALI-METAL PHOSPHATES. CLAYTON M. HOFF, Cleveland, Ohio, assignor to The Grasselli Chemical Company, Cleveland, Ohio, a Corporation of Ohio. Filed July 17, 1924. Serial No. 726,634. 9 Claims. (Cl. 204—9.)

1. Process which comprises subjecting a solution of an alkali metal phosphate to electrolysis in a diaphragm cell and separately recovering the alkali metal phosphate contents of the anode and cathode liquors.

1,572,847. SUCTION APPARATUS. HOWARD PARKER, Berlin, N. H., assignor to Brown Company, Berlin, N. H., a Corporation of New Hampshire. Filed Dec. 12, 1921. Serial No. 521,895. 28 Claims. (Cl. 92—66.)



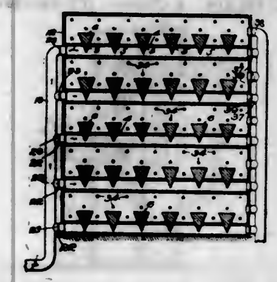
1. That improvement in the formation of bodies by winding a wet web of pulp onto a mandrel which consists in passing a wet web of pulp on a conveyor between an imperforate base roll and a mandrel, convolutely winding the web of pulp onto the latter, and sucking water from the pulp web at a point between the conveyor and the surface of said roll.

1,572,848. REMOVAL OF OXIDES FROM FERROUS METAL. RUDYARD PORTER and JOSHUA C. WHETZEL, Pittsburgh, Pa., assignors to American Sheet and Tin Plate Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Aug. 27, 1924. Serial No. 734,519. 10 Claims. (Cl. 148—8.)

5. A method of removing oxid from ferrous metal articles consisting in first immersing the articles in an alkaline solution to break down the resistance of the oxid to acid, and then immersing the article so treated in an acid picking bath to remove the oxid.

1,572,849. DRYING APPARATUS. FREDERICK A. SECORD, Portland, Me., assignor of one-third to Charles Henry Peters and one-third to Alexander Pierce Patterson, both of St. John, New Brunswick, Canada. Filed Apr. 25, 1922. Serial No. 556,445. 19 Claims. Cl. 34—19.)

6. A drying apparatus comprising, in combination, a hollow support provided with an opening for the partial insertion of the work, means to supply a current of tempered fluid to the interior of said support in contact



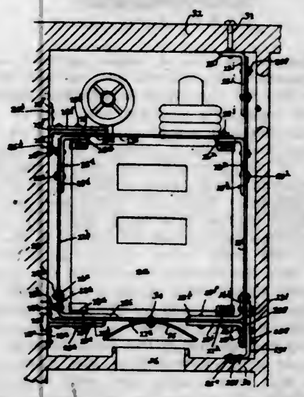
with the portion of the work projecting thereinto and means to supply a fluid of lower temperature to the portion of the work protruding from said support.

1,572,850. VANITY CASE. HENRY SLAIGER, North Attleboro, Mass., assignor to D. F. Briggs Company, Attleboro, Mass. Filed Apr. 4, 1925. Serial No. 20,657. 4 Claims. (Cl. 132—83.)



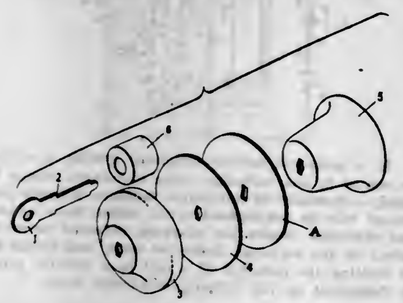
1. In a vanity case, a body, a cover therefor, a ring therein, a powder cup seated on the rim and having a depressed part, a rouge tray engaged in the depressed part, a top member seated on the top edge of the rim of the cup and having an opening in register with the tray and a segmental opening, and a centrally pivoted rotatable cover pivoted to the cup bottom and to the top member and having a segmental opening for register with either the tray or the powder cup.

1,572,851. UNIVERSAL BRINE-TANK SUPPORT. CHARLES C. SPREEN, Detroit, Mich., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich., a Corporation of Michigan. Filed Dec. 17, 1924. Serial No. 756,514. 1 Claim. (Cl. 248—20.)



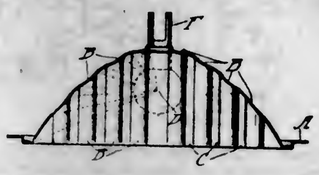
Means, for supporting a brine tank from the interior of a refrigerator, comprising a plurality of seat members, disposed about and engaging the edges of said tank, a plurality of L-shaped members each having one arm connected to one of said seat members and the other arm connected to a supporting member, a plurality of adjustable strip members, comprising such supporting members, and connecting said seat members and said L-shaped members into a complete support for said tank, and means securing together said seat members and L-shaped members and strip members into such complete support.

1,572,852. TOY TELEPHONE TRANSMITTER. CLIFFORD M. WATROUS, East Hampton, Conn., assignor to Gong Bell Manufacturing Company, a Corporation of Connecticut. Filed May 13, 1925. Serial No. 29,852. 13 Claims. (Cl. 46—46.)



3. As an article of manufacture for a toy telephone, a transmitter having a supporting bar for a mouthpiece, a transmitter shell supported on the bar with said mouthpiece and a stop block within the transmitter shell and surrounding the bar.

1,572,853. LIGHT PROJECTOR. JOHN GRAHAM BALSILLIE, Melbourne, Victoria, Australia, assignor, by mesne assignments, to The American Flatlite Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Sept. 19, 1922. Serial No. 589,284. 3 Claims. (Cl. 240—41.)



1. A concave reflector, part of which is divided into parallel configurations or sections which have their edges in planes parallel to each other to project the rays of light reflected therefrom into an elongated elliptical shape in cross section, and other parts being substantially portions of a surface of revolution of a conic section to project the rays issuing from a light source at its focus in a beam of substantially circular cross section positioned about the minor axis of said elongated ellipse.

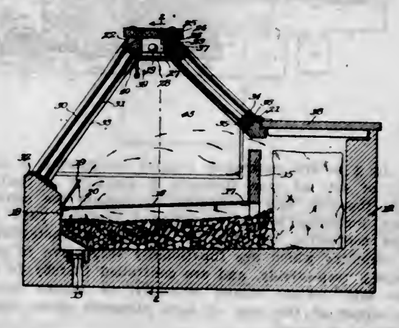
1,572,854. PAVING BLOCK AND THE LIKE. ERNEST CLARK, Rio de Janeiro, Brazil, and DANIEL T. GILMARTIN, Jr., East Orange, N. J. Filed Feb. 7, 1924. Serial No. 691,161. 9 Claims. (Cl. 94—15.)

1. An article of the character described comprising, a rubber element and a plastic element united by direct contact between the two, one of said elements having projections extending into the other, a plurality of said projections being spaced from the edges of the element to which they belong, and the binding contact between



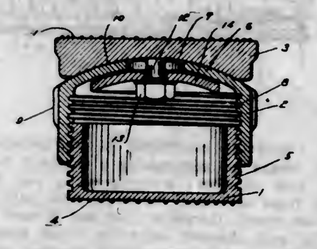
the two said elements being established by the direct contact of the said elements and the direct engagement of the projections on the one element with the other element.

1,572,855. REFRIGERATED CASE. REUBEN E. OTTENHEIMER, Baltimore, Md. Filed Jan. 31, 1925. Serial No. 6,151. 10 Claims. (Cl. 62—87.)



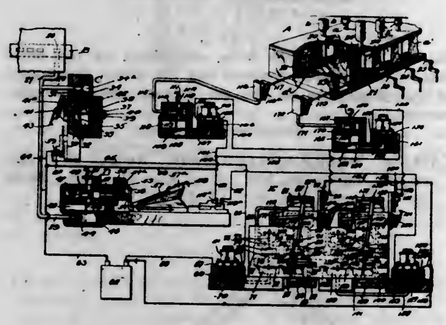
1. The combination of a display case having a wide bottom, a top defined by a narrow frame structure, and an inclined transparent front sustained at its upper edge by said frame structure; artificial lighting means concealed within the top of said frame structure; and refrigerating means arranged to exert a localized refrigerating effect in the lower portion of said case.

1,572,856. TREE JACK. LAWRENCE WATSON and AUSTIN O. MIDDLEMISS, Vancouver, Wash. Filed July 21, 1925. Serial No. 45,027. 1 Claim. (Cl. 254—101.)



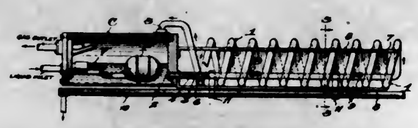
In a lifting jack, a cylindrically shaped base with threads on the outer surface, a cylindrically shaped cap with threads on the inner surface to correspond with the threads of the base, and means on the outer surface of the cap by which it may be rotated, said cap having a curved upper surface with an opening in the center and a head with a stem projecting through the opening of the cap, said stem having means at its inner end for adjustably and slidably holding the head to the cap.

1,572,857. AUTOMATIC MUSICAL INSTRUMENT. HEINRICH BOCKISCH, deceased, late of Poughkeepsie, N. Y.; by George W. Gittins, administrator, New York, assignor to Welte-Mignon Corporation, New York, N. Y., a Corporation of New York. Filed Apr. 21, 1920. Serial No. 375,575. 83 Claims. (Cl. 84—88.)



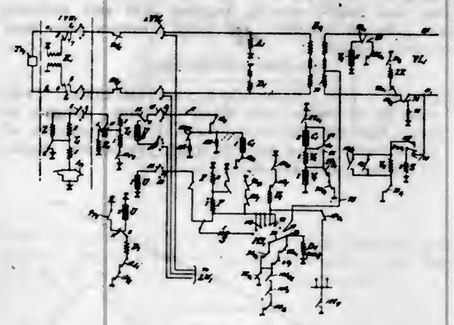
1. In a record controlled musical instrument, a plurality of sets of tone elements, a plurality of control means therefor, and mechanism to operate the control means, including means providing a common path for record controlled impulses of different characteristics, and members which are functionally responsive to said impulses, respectively, and are controlled thereby to operate said control means severally, to render operative either of the sets of tone elements alone under control of a record.

1,572,858. FLOODED HORIZONTAL REFRIGERATING COIL. EDWARD S. HALSEY, Washington, D. C., assignor of one-third to Royce A. Rness, Washington, D. C. Filed Apr. 25, 1925. Serial No. 25,827. 8 Claims. (Cl. 62—95.)



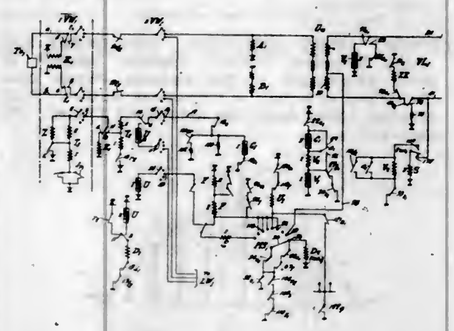
1. An evaporator comprising a refrigerating float chamber; means for maintaining a constant refrigerant level in such chamber; a refrigerating coil having a series of traps extending outwardly from said chamber in a closed circuit therewith; one end of said coil connecting to said chamber below the liquid level therein and its other end entering said chamber above the liquid level; a check valve in the coil adapted to restrict flow of the liquid in one direction; a liquid supply pipe connected to said chamber, and means for conducting vaporized refrigerant from said chamber whereby the coutinuous exhaust of vapor from said chamber will cause spasmodic convulsive ebullition in the lower portion of each succeeding trap of said circuit with intermittent seating and unseating of said valve to cause flow of all alternate slugs of liquid and gas throughout said closed circuit in a continuous flow.

1,572,859. TELEPHONE SYSTEM. ERNST HORN, Berlin, and MAX LANGER, Hermsdorf, Germany, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Filed Sept. 7, 1923. Serial No. 661,409. 4 Claims. (Cl. 179—9.)



1. In a measured service telephone system, a calling line located in one exchange, other exchanges, means including a plurality of automatic switches whereby connections can be established with called lines of any other exchange, means for charging different rates dependent on the exchange connected with, and means for also limiting the duration of a call to a definite period also dependent on the exchange connected with.

1,572,860. TELEPHONE SYSTEM. ERNST HORN, Berlin, Germany, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Filed Sept. 7, 1923. Serial No. 661,444. 11 Claims. (Cl. 179—9.)

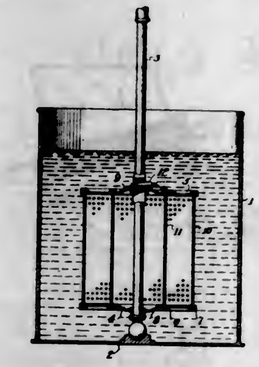


1. In a measured service telephone system, a main exchange, a plurality of sub-exchanges, trunking facilities enabling the establishment of talking connections between lines of any two sub-exchanges via said main exchange, meters for the calling lines, and means at the main exchange for operating the meter of a calling line at the termination of a call a number of times dependent on the duration of the call.

1,572,861. ROTARY PERCOLATOR. ELISA LARREY, Mexico, Mexico. Filed July 27, 1925. Serial No. 46,409. 6 Claims. (Cl. 53—3.)

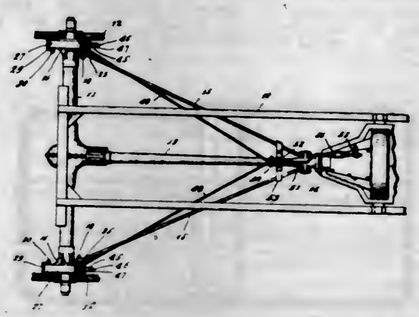
1. A percolator adapted to be rotatably mounted in a receptacle containing liquid and comprising a rotary shaft, and a filter cage to receive the substance to be treated secured to said shaft to rotate therewith and

completely submergible in the liquid; said cage embodying a perforated side wall, and perforated top and bottom walls through which the shaft axially extends and with which it is connected, said top and bottom walls



having openings other than their perforations for admitting liquid freely into the interior of the cage to be discharged laterally therefrom by centrifugal force through the perforations in the side wall.

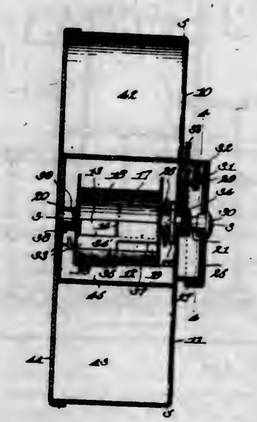
1,572,862. BRAKE. NEIL S. LINCOLN, Connersville, Ind., assignor to Lincoln Manufacturing Company, Connersville, Ind., a Corporation of Indiana. Filed Sept. 9, 1922. Serial No. 587,091. 13 Claims. (Cl. 188—77.)



1. An external brake for automobiles, comprising a supporting member for mounting on a brake support, a brake band associated with said supporting member and having free ends at said supporting member, a pivot ear carried by one of said free ends, said member having flanges overlying the sides of said pivot ear, a pivot pin in said pivot ear, one of said flanges having a hole therethrough to permit the ready removal of said pivot pin when said pivot pin and said hole are alined, and means interconnecting said pivot pin and the other end of said brake band and operable to draw the two ends of the brake together.

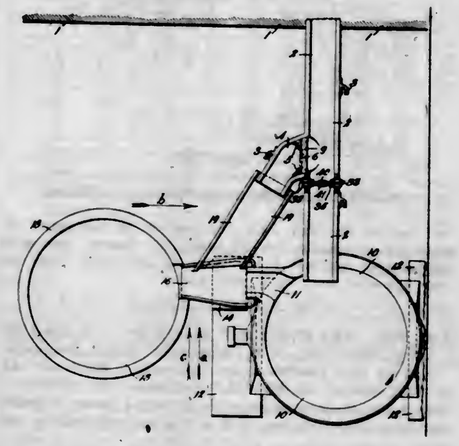
1,572,863. MOTION-PICTURE MACHINE. FREEMAN H. OWENS, New York, N. Y. Filed May 12, 1923. Serial No. 638,448. 20 Claims. (Cl. 88—17.)

1. A motion picture machine comprising a film exposure window, means for moving a film containing laterally displaced rows of images longitudinally in either of opposite directions past the said exposure window, a stationary objective for the said exposure window adapted for cooperation with either of the rows of images, and means for obliterating one of the rows of images when the film is moved in one direction, and for obliterating the other of said rows when the film is moved in the opposite direction.



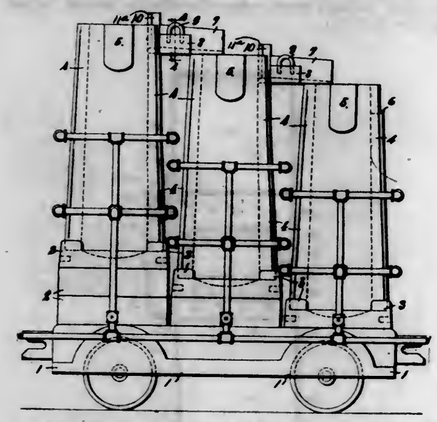
20. A shutter and intermittent mechanism for motion picture machines comprising an apertured barrel, a pin wheel carried by said barrel, a star wheel coacting with said pin wheel, and a sprocket wheel driven by said pin wheel.

1,572,864. TAPPING TROUGH, SLAG SWEEPER OR SKIMMER. FRANK BAIRD MCKUNE, Hamilton, Ontario, Canada. Filed Sept. 25, 1922, Serial No. 590,486. Renewed Oct. 15, 1925. 5 Claims. (Cl. 266—38.)



1. In apparatus of the class described, a tapping trough leading from the furnace to the ladle, said trough having a by-pass branch with a removable dam at the entrance, and a slag sweeper gate in the trough located beyond the entrance to the by-pass branch, a casting including a trough leading from the top of the ladle to the slag pot and including a branch to receive the slag from the by-pass branch.

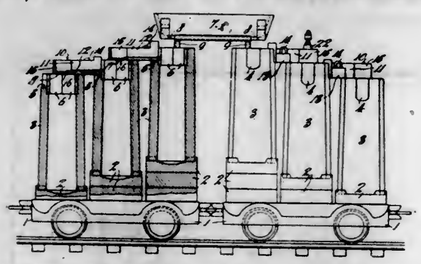
1,572,865. METHOD OF AND MOLD AND APPLIANCE FOR THE CONTINUOUS TRANSFER OF MOLTEN METAL. FRANK B. MCKUNE, Hamilton, Ontario, Canada. Filed Nov. 14, 1922. Serial No. 600,942. 19 Claims. (Cl. 22—204.)



1. The method of casting metal ingots which comprises filling a mold with molten metal, chilling a portion of the molten metal in the mold, and maintaining hot another portion of the molten metal in the mold, by flowing a stream of fresh molten metal across the last mentioned portion.

1,572,866. TRANSFER SPOUT. FRANK BAIRD MCKUNE, Hamilton, Ontario, Canada. Filed Nov. 21, 1923. Serial No. 676,192. 4 Claims. (Cl. 22—79.)

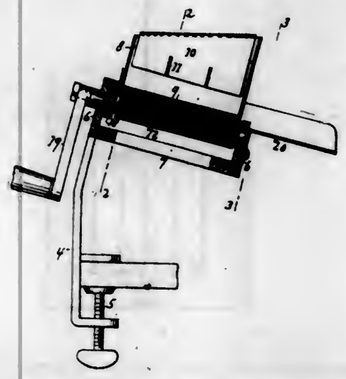
1. A transfer spout comprising an elongated trough-like body having side walls and one end wall, said body having a discharge hole in its bottom adjacent to the



end having the end wall, the bottom of the spout inclining downwardly toward said hole, lateral lugs with lifting eyes located at the sides of said body near the end opposite that with the hole.

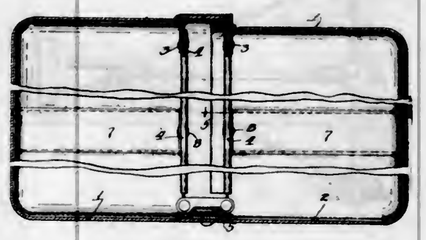
1,572,867. PEA-SHELLING MACHINE. CHARLES SABELL, Jersey City, N. J.; Augusta A. Sabell administratrix of said Charles Sabell, deceased. Filed Oct. 25, 1922. Serial No. 596,701. 2 Claims. (Cl. 130—30.)

1. A pea shelling machine comprising a frame, a casing having a sloped bottom with a longitudinal opening carried by the frame, a hopper with inclined sides removably and slidingly connected to the casing for positioning a quantity of pods end up, transverse partitions dividing the hopper into a number of compartments for preventing the pods from toppling over, a pair of rollers



arranged at an incline in a line below the opening in the casing to compress the pod shells there between, and an inclined chute secured to the frame adjacent to the front ends of the rollers for the peas to roll down from the sloped bottom.

1,572,868. REENFORCED SUITCASE. MAYER AXELMAN and HARRY W. AXELMAN, Chicago, Ill. Filed May 31, 1921, Serial No. 474,048. Renewed Nov. 9, 1925. 2 Claims. (Cl. 190—49.)



1. In a suit case having a pair of hinged box-like sections and an opening frame secured to said sections, transverse resilient braces conforming to the inner contour of said sections fixedly secured to said frame at their upper end, a grooved plate for slidably anchoring the lower ends of said braces upon the bottom of said case, and horizontal resilient braces having their ends secured to said frame with their body portions conforming to the contour of said box-like sections to truss the ends of said case.

Patents Nos. 1,572,869 to 1,573,791.

THE OFFICIAL GAZETTE OF THE United States Patent Office.

Vol. 343—No. 3. TUESDAY, FEBRUARY 16, 1926. Price—$5 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $5.00 per annum; single numbers, 10 cents each.

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Total	1,454		

Notice—Changes in Personnel.

The Patent Office announces with regret the resignation of Hon. Samuel E. Fouts as a member of the Board of Examiners in Chief. Mr. Fouts served several years as a member of the examining corps, was for 13 years in practice as a patent lawyer and solicitor, and reentered the examining corps in 1918, being appointed an Examiner in Chief in 1916. He has served the Office with marked ability and distinction.

The President has appointed Mr. George R. Ide, for a number of years Principal Examiner in charge of Division 38, as a member of the Board of Examiners in Chief to fill the vacancy created by the resignation of Mr. Fouts.

The President has also sent to the Senate the nomination of Mr. Millard J. Moore, Principal Examiner from 1898 to 1920 and Law Examiner since 1920, to fill the office of Assistant Commissioner, left vacant by the resignation of Hon. Karl Fenning.

Notices of Cancellation.

U. S. PATENT OFFICE, *Washington, Jan. 25, 1926.*

Bidart Machinery Corporation, its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Kimberly-Clark Company, of Neenah, Wis., to effect the cancellation of trade-mark registrations No. 98,455, dated July 21, 1914, and No. 102,015, dated January 26, 1915, to American Rotogravure Company, of No. 482 Fourth Avenue, New York, N. Y., and it appearing by the statement of the president of the said American Rotogravure Company, made under oath in response to interrogatories addressed to it, that the title to the trade-marks concerned no longer remains in the said American Rotogravure Company, but has been transferred to the Bidart Machinery Corporation, and it further appearing that the said Bidart Machinery Corporation, of New York, N. Y., has been substituted to defend the registrations concerned and that the Office has failed to secure proper service on the said Bidart Machinery Corporation notice is hereby given that unless said Bidart Machinery Corporation, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. PATENT OFFICE, *Washington, Jan. 19, 1926.*

New York Incandescent Lamp Company, its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Manhattan Electrical Supply Company, Incorporated, of 17 Park Row, New York, N. Y., to effect the cancellation of the trade-mark registration of the New York Incandescent Lamp Company, of 132 West Fourteenth Street, New York, N. Y., No. 82,351, dated June 20, 1911, and the notice of such proceeding sent by registered mail to the said New York Incandescent Lamp Company at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said New York Incandescent Lamp Company, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

Disclaimer.

1,561,924.—*Augustus M. Henry*, Brooklyn, N. Y. METAL FOUNDING. Patent dated November 17, 1925. Disclaimer filed February 1, 1926, by the assignee, *William W. Wettling.*

Hereby enters this disclaimer to that part of the claim in said specification which is in the following words, to wit:

"1. A mold including a molding cavity having a permanent facing formed of a surface of a preformed block of a material having the qualities of being able to be pressed to such shape from granular components, and of having the ability to withstand repeated heat-shocks as the result of repeated casting operations."

Further, inasmuch as this disclaimer is based on the discovery just made that United States Letters Patent No. 1,501,337, granted said Henry July 15, 1924, contains in claim 2 thereof a claim to subject matter which might conceivably be held to cover (although that is not now conceded) substantially the same subject matter as that to which is directed the hereinabove quoted claim 1 of said Letters Patent No. 1,561,924, your petitioner also enters this disclaimer to that part of the term of said Letters Patent No. 1,561,924 as shall overlap or extend beyond the date of expiration of the term of said Letters Patent No. 1,501,337.

Condition of Applications Under Examination at Close of Business February 5, 1926.

Room No.	(Total number of applications awaiting action, exclusive Trade-Mark Division, 40,750; Trade-Mark Division, 2,136. Oldest new case, Aug. 5, 1925; oldest amended, July 20, 1925. The dates given are 1925 except where † indicates 1926.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	Number applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Harrows and Diggers; Plant Husbandry; Plows; Planting; Scattering Unloaders.	Nov. 11	Nov. 13	579
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Oct. 17	Sept. 3	585
331	3. RICH, WM. J., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 3	Nov. 12	745
234	4. MERRITT, A. D., Conveyers, Chutes, Skids, Guides, and Ways; Conveyers, Fluid Current; Conveyers, Power Driven; Excavating; Handling—Hand and Hoist-Line Implements; Material or Article Handling; Pushing and Pulling Implements; Traversing Hoists.	Nov. 7	Oct. 31	533
109*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording and Reproducing; Tying Cords or Strands.	Sept. 5	Sept. 10	820
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Hides, Skins and Leather; Sugar and Starch; Concentrating Evaporators.	Nov. 2	Nov. 3	1,027
106	7. JARBOE, C. O., Amusement and Exercising Devices; Toys; Optics; Photography	Nov. 14	Nov. 14	776
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Nov. 13	Nov. 16	1,107
221	9. TRYON, F. M., Air and Gas Pumps; Hydraulic Motors; Injectors and Ejectors; Motors, Fluid; Motors, Fluid Current; Pumps.	Nov. 2	Oct. 23	578
118	10. HUNTER, O. F. (Acting), Motor Vehicles; Land Vehicles—Animal Draft Appliances, Bodies and Tops, Dumping.	Oct. 12	Oct. 31	981
148*	11. ARMSTRONG, H. C., Boot and Shoe Making; Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whips and Whip Apparatus; Cutting and Punching Sheets and Bars; Driven, Headed, and Screw-Threaded Fastenings.	Nov. 16	Nov. 12	779
380	12. PIERCE, P. P., Machine Elements	Nov. 4	Oct. 29	660
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning.	Nov. 5	Nov. 27	665
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Oct. 7	Oct. 30	851
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Nov. 5	Nov. 9	634
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Sept. 30	Sept. 29	949
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Oct. 30	Oct. 31	373
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 26	Sept. 30	802
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Oct. 8	Dec. 5	516
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches, Safes, Undertaking.	Nov. 16	Nov. 19	760
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Oct. 15	Nov. 4	463
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms; Ordnance; Ammunition and Explosive Devices; Ammunition and Explosive-Charge Making; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Nov. 21	Dec. 3	518
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 2	Sept. 8	299
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Nov. 9	Nov. 30	512
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Nov. 13	Nov. 5	741
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Aug. 14	Aug. 18	764
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Dec. 7	Dec. 5	516
225	28. BENSON, A. R., Internal-Combustion Engines	Dec. 5	Dec. 5	688
160*	29. MORRIS, B. N., Abrading; Boring and Drilling; Button Making; Chucks or Sockets; Coopering; Tool-Handle Fastenings; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Aug. 1	July 30	1,067
248	30. SULLIVAN, M. R., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Nov. 6	Nov. 10	844
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Dec. 9	Dec. 9	713
249	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Sept. 26	Oct. 1	601
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Dec. 7	Dec. 10	620
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways; Railway Rolling Stock; Railway Switches and Signals; Railways, Surface Track; Railway Wheels and Axles; Store Service; Track Sanders; Vehicle Fenders.	Sept. 10	Sept. 5	691
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Nov. 23	Nov. 24	493
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Oct. 23	Nov. 10	1,107
224*	37. TAYLOR, E. C., Electricity, Circuit Makers and Breakers	Nov. 9	Nov. 4	830
145	38. IDE, G. R., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Aug. 31	Sept. 10	850
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Nov. 3	Nov. 13	490
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Cloth, Leather, and Rubber Receptacles; Deposit and Collection Receptacles; Metallic Receptacles; Package and Article Carriers; Paper Receptacles; Special Receptacles and Packages; Wooden Receptacles.	Oct. 27	Nov. 4	1,103
125	41. BROWN, J. I., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Nov. 5	Oct. 30	428
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Oct. 1	Oct. 1	1,178
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Nov. 5	Nov. 5	744
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Aug. 18	Aug. 6	863
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Nov. 3	Nov. 2	528
233	46. WOLCOTT, C. L., Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Nov. 6	Nov. 4	593
264	47. BARKER, H., Brakes; Clutches and Power-Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Oct. 10	Oct. 10	1,077
213*	48. ROEPKE, O. B., Electricity, Conductors; Electricity, General Applications	Aug. 28	Aug. 31	1,647
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Pneumatics; Velocipedes; Driers; Liquid Separation or Purification	Nov. 9	Nov. 11	632
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Oct. 2	Oct. 2	1,185
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission; Electric Lamps	Sept. 28	Sept. 19	1,092
144	52. MORGAN, E. T., Supports; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings.	Nov. 27	Nov. 27	844
241*	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Nov. 10	Nov. 12	676
102	DESIGNS: C. O. MARKHAM (Acting)	†Jan. 18	†Jan. 12	333
163	TRADE-MARKS, LABELS, AND PRINTS: T. L. MEAD, Jr. (Trade-Marks	†Jan. 6	†Jan. 22	2,012
	(Labels and Prints	†Jan. 13	†Jan. 25	124

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decisions.

EX PARTE SPEER.

Decided January 30, 1925.

AMENDMENT AFTER FINAL REJECTION.

Where the applicant, after the case had been pending over four years and a clear issue had been reached, presented a new claim with an appeal to the Examiners in Chief, arguing that it presented the same subject matter as the claim under final rejection in a different form, the Examiner properly refused to enter and consider the new claim.

ON PETITION.

SELF-SPACING SHINGLES.

Messrs. Emery, Booth, Janney & Varney for the applicant.

ROBERTSON, *Commissioner:*

Applicant petitions from the Examiner's refusal to enter and consider claim 4 presented with the appeal to the Examiners in Chief on the ground that the submission of the claim is irregular.

This case has been pending more than four years, and a clear issue appears to have been reached. There must be some finality to the prosecution of cases before the Primary Examiners.

Petitioner's argument that the claim presents the same subject matter in a different form has been noted. If the claim includes a limitation which makes it patentably different from the appealed claims, it was properly refused admission under the rules. If the statement as to the exact proportions of the shingle which is exposed when the roof is laid adds nothing patentable, then it is clearly unnecessary.

The petition is accordingly denied.

EX PARTE ELLIS.

Decided August 8, 1924.

1. INVENTION—USE OF OLD IDEA IN ANALOGOUS SITUATION.

Where the alleged novelty resided in the use of hydrogenated oil in confectionery in lieu of oil which had not been hydrogenated, and where edible products containing hydrogenated oil had previously been in use and applicant did not disclose the advantages which he relied upon to obtain a patent until after it was known that such advantages were present in other edible products made with hydrogenated oil, *Held* that there was no inventive thought in the broad conception of using such oil in the manufacture of confectionery, and applicant's claims were refused.

2. SAME—DOUBLE PATENTING.

Where the applicant has already patented one edible product containing hydrogenated oil and such oil appears to have the same properties in the edible product which he has patented and in the one which he now seeks to patent, *Held* that its use in the latter would not be a matter of invention, and applicant is not entitled to a separate patent for each edible product in which he considers it desirable to use hydrogenated oil.

(Affirmed by the Court of Appeals of the District of Columbia. See p. 484 post.)

Application for patent.

APPEAL from the Examiners in Chief.

CONFECTIONERY COMPOUNDS.

Application filed January 11, 1918, Serial No. 211,358.

Mr. Sol Shappirio for the applicant.

KINNAN, *First Assistant Commissioner:*

This is an appeal from the decision of the Examiners in Chief affirming the final rejection by the Primary Examiner of claims 1 to 9, inclusive.

The claims are drawn to an edible product in which hydrogenated oil is one of the ingredients. Some of the claims are specific to confectionery, while claim 8 is still more specific to ice-cream material.

The following claims are illustrative:

1. A confectionery material, comprising hydrogenated oil material, edible non-fatty material comprising sugar and a flavoring material.

5. An edible product comprising hydrogenated oil and a dissimilar non-fatty edible material of a non-rigid character.

8. Ice cream material comprising as constituents, a homogeneous artificial lacteal fluid containing homogenized hydrogenized fatty oil which is liquid at normal body temperature, together with sugar, egg, and other usual constituents of ice cream material.

The references relied upon are: Campbell, 717,968, January 6, 1907; Hatmaker, 872,416, December 13, 1907; McCaddon, 1,087,599, February 17, 1914; Crary, 1,193,477, August 1, 1916.

The alleged novelty resides in the use of hydrogenated oil in lieu of oil which has not been hydrogenated in food products of the character defined in the claims. Appellant contends that such use improves the product by increasing its properties to retain moisture and also by making it less liable to become rancid.

On December 10, 1912, appellant patented (Patent No. 1,047,013) an edible product containing hydrogenated oil. In that patent, as in the instant case, the alleged novelty resided in the use of hydrogenated oil. The patent claims are not drawn to a confectionery, but the patent specification discloses the use of hydrogenated oil in the manufacture of confectionery.

On December 23, 1913, appellant filed application Serial No. 808,461, which, after allowance, forfeiture, and renewal, finally matured into Patent No. 1,426,629 on August 22, 1922. That application as originally filed disclosed the use of hydrogenated oil in the manufacture of confectionery. It did not claim confectionery, however, nor did appellant indicate therein that he considered confectionery containing hydrogenated oil as patentable subject matter.

Appellant relies upon application Serial No. 808,461, which was copending with his instant application, to carry his effective filing date back to the year 1913, and thereby escape the two-year bar of a printed publication which would otherwise exist by virtue of his Patent No. 1,047,013.

[1] The instant application was filed on January 11, 1918, more than five years after appellant had patented one edible product containing hydrogen-

ated oil and disclosed to the public that such oil is also suitable for use in confectionery. It for the first time disclosed the advantages on which appellant here relies to patent the claims on appeal. As pointed out below, it was known as early as 1910 that edible products containing hydrogenated oil have a minimized tendency to become rancid, and as early as 1916 that they have an increased tendency to retain moisture. It therefore does not appear that appellant is the original discoverer of either of these properties, and it is not believed that he is entitled to patent the broad and dominating claims here on appeal by virtue of them.

In *Berlin Mills Company* v. *Procter and Gamble Company*, 281 O. G. 574; 254 U. S. 156, the Court said:

> This record establishes that it was known before Burchenal took up the subject that a vegetable oil could be changed into a semisolid, homogeneous, substance by a process of hydrogenation arrested before completion and that it might be edible. This much of the art was public property and open to general use. The product of this process was known and open to public use. To supply such products as the patentee has described in the broad claims in suit may have been new and useful, but does not in our opinion arise to the dignity of invention, and is an advance step which would occur to one skilled in the art when investigating and considering the subject.

[2] It is believed that the same reasoning applies with equal force in the instant case. No inventive thought is seen in the broad conception of using hydrogenated oil in the manufacture of confectionery. The substitution of such oil for the oils formerly used would seem to amount to no more than the selection of an oil suitable for the purpose in hand. Furthermore it is not believed that appellant is entitled to patent the claims on appeal, since he has already patented, in Patent No. 1,047,013, one edible product containing hydrogenated oil. Such oil appears to have the same properties in the edible product which he has patented and in the one he now seeks to patent. The alleged novelty in each resides in the use of hydrogenated oil. It is not believed appellant is entitled to a separate patent for each edible product in which he considers it desirable to use hydrogenated oil. Having obtained a patent for one, its use in the others would naturally occur to one skilled in the art and would not be a matter of invention.

The decision of the Examiners in Chief is affirmed.

Court of Appeals of the District of Columbia.

IN RE ELLIS.

No. 1,772. Decided December 7, 1925.

APPEAL from Patent Office. Affirmed.

(For Commissioner's Decisions see p. 483 ante.)

Mr. Sol. Shappirio for the applicant.

Mr. T. A. Hostetler for the Commissioner of Patents.

Before MARTIN, Chief Justice, ROBB, Justice, and SMITH, Judge U. S. Court of Customs Appeals.

ROBB, *J.*:

Appeal from a decision of the Patent Office refusing the claims of appellant's application for a patent on confectionery material composed in part of hydrogenated oil.

Each of the several tribunals of the Patent Office has fully and satisfactorily answered appellant's contentions. An examination of the record convinces us of the correctness of the conclusion reached by the Office, and, since we can add nothing to what has been said there, we affirm the decision without further discussion.

Affirmed.

ADJUDICATED PATENTS.

(C. C. A. Ohio.) The Hewitt patent, No. 893,168, for cement-spreading machine, claims 1 and 3 *Held* not infringed. *Lakewood Engineering Co.* v. *Stein*, 8 F. (2d) 713.

(D. C. N. J.) The Burnham patent, No. 900,055, for improved squeeze rolls for wool-washing machinery, *Held* invalid. *Wilkie* v. *Manhattan Rubber Mfg. Co.*, 8 F. (2d) 785.

(C. C. A. Ohio.) The Myers patent, No. 990,210, for casings or coverings relating to lubrication of vehicle springs, *Held* not infringed. *Jeavons* v. *Reliable Spring Oiler Co.*, 8 F. (2d) 734.

(D. C. Mich.) The Haynes patent, No. 1,057,423, for alloy of cobalt, chromium, and tungsten, claims 1 to 4 *Held* invalid and claims 5 to 8 *Held* valid and infringed. *Haynes Stellite Co.* v. *Chesterfield*, 8 F. (2d) 765.

(C. C. A. Ohio.) The Jeavons patent, No. 1,135,186, for casings or coverings relating to lubrication of vehicle springs, *Held* not infringed. *Jeavons* v. *Reliable Spring Oiler Co.*, 8 F. (2d) 734.

(C. C. A. N. Y.) The Rockwood patent, Reissue No. 14,746, for a dry-pipe valve used in sprinkler system, claims 1, 2, 3, 4, and 7 *Held* valid and infringed. *Rockwood* v. *General Fire Extinguisher Co.*, 8 F. (2d) 682.

(C. C. A. Calif.) The Lorraine patent, Reissue No. 15,220, for oil, gas, and sand separator, claims 17, 18, and 19 *Held* invalid. *Lorraine* v. *Townsend*, 8 F. (2d) 673.

TRADE-MARKS CANCELED.

97,675. Certain named furniture and window seats not in the nature of receptacles. Louise Brigham, New York, N. Y. Registered June 16, 1914. Canceled January 27, 1926.

151,026. Barn paint. The Dayton Color Works Company, Dayton, Ohio. Registered January 10, 1922. Canceled January 27, 1926.

156,989. Nonalcoholic, maltless beverage or drink. Max Lieber & Company, Donora, Pa. Registered July 18, 1922. Canceled January 27, 1926.

197,593. Salves or ointments and oils as remedial agents for certain purposes. Edward Benton Knight, doing business as E. Ben Knight, Penn Yan, N. Y. Registered April 21, 1925. Canceled January 27, 1926.

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,434,988, C. P. Brockway, Electric generating system, decided January 4, 1926, claims 9, 10, 11, and 15.

Pat. 1,475,180, G. G. Floyd, Railway-car truck, decided December 3, 1925, claims 1 and 3.

Pat. 1,489,653, A. E. Alger, Variocoupler, decided January 25, 1926, claim 1.

Pat. 1,517,017, R. T. Roth, Terminal block, decided January 8, 1926, claims 1 to 3, inclusive.

PATENT SUITS.

(Notices under sec. 4921, R. S., as amended Feb. 18, 1922.)

970,899, W. H. Sawyer, Menu-card holder, cause dismissed Dec. 16, 1925, D. C., S. D. Iowa (Davenport), Doc. E 4050, *M. W. Battles* (*Standard Menu Co.*) v. *J. Vasen* (*Sanitary Menu Co.*).

988,561, H. L. Ferris, Animal stall, decree of district court affirmed Dec. 8, 1925, C. C. A. (7th Cir.), Doc. 3320, *Hunt Helm Ferris & Co.* v. *G. A. Elbert et al.*

1,025,082, 1,169,934, C. A. Dearborn, Work holding and feeding means for sewing machines; 1,448,731, same, Adjusting means for sewing machine and work support; 1,467,570, same, Blind-stitch sewing machine; Des. 59,460, same, Sewing-machine looper; Des. 59,461, same, sewing-machine presser foot, suit filed Dec. 11, 1925, D. C., S. D. N. Y., Doc. E 34/400, *American Blind Stitch Machine Co.* v. *United States Blind Stitch Machine Corp. et al.*

1,050,441, R. A. Fessenden, Electric signaling apparatus; 1,050,728, same, Method of signaling; 1,113,149, E. H. Armstrong, Wireless receiving system; 1,342,885, same, Receiving high-frequency oscillations, decree pro confesso holding patents valid and infringed (notice dated Dec. 11, 1925), D. C., N. D. Calif., Doc. E 1539, *The Westinghouse Electric & Mfg. Co.* v. *Hesson & Bosserman* (*Bosserman Radio Laboratories*).

1,050,728. (See 1,050,441.)

1,113,149. (See 1,050,441.)

1,113,149, E. H. Armstrong, Wireless receiving system, consent decree sustaining patent and granting injunction (notice dated Dec. 22, 1925), D. C., S. D. N. Y., Doc. E 34/264, *Westinghouse Electric & Mfg. Co. et al.* v. *The Radio Market, Inc.*

1,120,824, S. D. Le Clair, Scraper, appeal filed Nov. 24, 1925, C. C. A. (7th Cir.), Doc. 3682, *L. P. Green* v. *S. D. Le Clair.*

1,139,685. (See 1,284,523.)

1,169,934. (See 1,025,082.)

1,181,870, A. C. Brown, Adjustable faucet attachment, suit filed Dec. 19, 1925, D. C., N. D. Ohio (E. Div.), Doc. 1697, *A. C. Brown* v. *The Empire Brass Co.*

1,227,290, R. Mery, Automobile body construction, order dismissing case on motion of defendant Dec. 15, 1925, D. C., S. D. N. Y., Doc. E 29/286, *R. Mery* v. *The Studebaker Corp. of America.*

1,228,171, R. E. Belknap, Anticreeper for rails; 1,243,688, same, Rail anchor, decree of district court affirmed Nov. 19, 1925, C. C. A. (7th Cir.), Doc. 3549, *Anchor Co.* v. *P. & M. Co.*

1,229,102, B. E. Lloyd, Talking doll, suit filed Dec. 15, 1925, D. C., S. D. N. Y., Doc. E 35/3, *Voices, Inc., et al.* v. *J. Wanamaker.* Same, suit filed Dec. 16, 1925, D. C., S. D. N. Y., Doc. E 35/8, *Voices, Inc., et al.* v. *H. Kelner* (*H. Kelner & Sons*). Same, suits filed Dec. 19, 1925, D. C., S. D. N. Y., Doc. E 35/12, *Voices, Inc., et al.* v. *G. Epstein*; and Doc. E 35/13, *Voices, Inc., et al.* v. *L. M. Blumstein.*

1,243,688. (See 1,228,171.)

1,274,497, F. H. Auld, Devices for securing name plates and the like, suit filed Dec. 12, 1925, D. C., S. D. Ohio (W. Div.), Doc. E 402, *The D. L. Auld Co.* v. *Fox et al.* (*The Gustave Fox Co.*).

1,276,811, F. H. Ragan, Power operating device; 1,463,272, same, Power press, decree for plaintiff (notice dated Dec. 15, 1925), D. C., E. D. Mich. (S. Div.), Doc. 721, *F. H. Ragan* v. *General Mfg. Co. et al.*

1,284,523, Williams & Williams, Accelerator attachment; 1,139,685, F. E. Judd, Controlling mechanism for throttle valve, decree reversed (notice dated Dec. 7, 1925), C. C. A. (2d Cir.), Doc. 8887, *Williams Bros. Aircraft Corp.* v. *Gould Mersereau Co.*

1,287,576, H. A. De Vry, Motion-picture machine, decree of district court affirmed Dec. 8, 1925, C. C. A. (7th Cir.), Doc. 3566, *The De Vry Corp.* v. *Acme Motion Picture Projector Co.*

1,303,542, H. A. De Vry, Motion-picture machine, decree of district court affirmed Dec. 8, 1925, C. C. A. (7th Cir.), Doc. 3567, *The De Vry Corp.* v. *Acme Motion Picture Projector Co.*

1,303,543, H. A. De Vry, Motion-picture machine, decree of district court affirmed Dec. 8, 1925, C. C. A. (7th Cir.), Doc. 3568, *The De Vry Corp.* v. *Acme Motion Picture Projector Co.*

1,314,799, G. R. Guinzburg, Garment protector, decree of district court affirmed (notice dated Dec. 7, 1925), C. C. A. (2d Cir.), Doc. 8817, *I. B. Kleinert Mfg. Co.* v. *Polkase Mfg. Co.*

1,326,153, W. J. Fleming, Buckle support, suit filed Dec. 21, 1925, D. C., S. D. N. Y., Doc. E 35/15, *Fleming & Keevers Co., Inc.*, v. *H. Goodman et al.* (*H. Goodman & Sons*).

1,340,926, C. Weitz, Stylographic fountain pen, consent decree sustaining patent and granting injunction Dec. 10, 1925, D. C., S. D. N. Y., Doc. E 34/106, *C. Weitz* v. *S. Lisk* (*S. Lisk & Bros.*).

1,342,885. (See 1,050,441.)

1,365,803, F. W. Storck, Envelope-sealing machine, decree of district court affirmed (notice dated Dec. 17, 1925), C. C. A. (1st Cir.), Doc. 1849, *Standard Mailing Machine Co.* v. *The Postage Meter Co.*

1,371,572, J. H. Pfingsten, Coloring matter for leather and method of using same; 1,393,697, same, Color base for leather finishes and method of making same, appeal filed Nov. 24, 1925, C. C. A. (7th Cir.), Doc. 3683, *Excelso Products Co.* v. *Presto Color Co.*

1,391,936, S. Bosky, Brassière, suit filed Dec. 9, 1925, D. C., S. D. N. Y., Doc. E 34/396, *S. Bosky* v. *P. Wagner.*

1,393,697. (See 1,371,572.)

1,411,227, L. A. Suekoff, Spring-cushion construction, final decree Dec. 9, 1925, holding claims 1 and 2 infringed; perpetual injunction, D. C., W. D. Mich. (S. Div.), Doc. 2013, *L. A. Suekoff et al.* v. *National Spring & Wire Co.*

1,431,260, H. Rosen, Button-making machine; 1,536,530, same, Button, suit filed Dec. 11, 1925, D. C., S. D. N. Y., Doc. E 34/401, *H. Rosen et al.* v. *M. Goetz et al.* (*University Button Works*).

1,448,731. (See 1,025,082.)

1,463,272. (See 1,276,811.)

1,467,570. (See 1,025,082.)

1,505,519, Young & Haywood, Ford transmission lining, suit filed Dec. 11, 1925, D. C., N. D. Calif., Doc. E 1614, *B. I. Young et al.* (*Allwood Brake Lining Co.*) v. *H. W. McKevitt Co.*

1,507,711, Pollock & Horn, Process of making plastic articles, consent and order of discontinuance filed Dec. 14, 1925, D. C., S. D. N. Y., Doc. E 30/190, *Inter-Ocean Radio Corp.* v. *C. Brandes, Inc.*

1,515,291, M. White, Handle, consent decree sustaining patent and granting injunction Dec. 15, 1925, D. C., S. D. N. Y., Doc. E 34/286, *M. White* v. *Quality Leather Goods Co.*

1,536,530. (See 1,431,260.)

1,547,155, H. L. Ingersoll, Booster motor for locomotives, suit filed Dec. 15, 1925, D. C., S. D. N. Y., Doc. E 35/4, *H. L. Ingersoll et al.* v. *The Delaware & Hudson Co.*

1,550,573, D. A. Sargent, Tractor snowplow, suit filed Dec. 9, 1925, D. C., N. D. Iowa (Cedar Rapids), Doc. 83, *Northern Trailer Co. et al.* v. *La Plant-Choate Mfg. Co. et al.*

Re. 14,746, G. I. Rockwood, Dry-pipe valve, suit filed Dec. 16, 1925, D. C., S. D. N. Y., Doc. E 35/9, *G. I. Rockwood* v. *Glove Automatic Sprinkler Co.*

Re. 15,902, S. F. Zaloom, Preserving compound for pistachio nuts, consent decree sustaining patent and granting injunction Dec. 16, 1925, D. C., S. D. N. Y., Doc. E 31/264, *Zaloom Bros. Co., Inc.*, v. *K. H. Basmadjiam* (*H. Basmadjiam & Sons*).

T. M. 47,189, The Coca Cola Co., Nutrient or tonic beverage, suit filed Dec. 15, 1925, D. C., W. D. Okla., Doc. E 757, *The Coca Cola Co.* v. *Keen Kola Bottling Co. of Oklahoma.*

Des. 59,460. (See 1,025,082.)

Des. 59,461. (See 1,025,082.)

Interference Notices.

U. S. PATENT OFFICE, *Washington, Jan. 27, 1926.*

Devon Manufacturing Company, Inc., its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Lindeke, Warner & Sons, Incorporated, Fourth and Broadway, St. Paul, Minn., for registration of a trade-mark and trade-mark registered November 7, 1922, No. 161,114, to Devon Manufacturing Company, Inc., 24 Boerum Street, Brooklyn, N. Y., and a notice of such declaration sent by registered mail to said Devon Manufacturing Company, Inc., at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Devon Manufacturing Company, Inc., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. PATENT OFFICE, *Washington, Jan. 21, 1926.*

James M. Gaar, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the applications for patent of James M. Gaar, 9 East Thirty-ninth Street, New York, N. Y., and Leslie Stevens, 46 East Houston Street, New York, N. Y., and counsel for Gaar having informed the Office that the present whereabouts of Gaar is unknown to them, notice is hereby given that unless said James M. Gaar, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. PATENT OFFICE, *Washington, Jan. 21, 1926.*

James M. Gaar, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the applications for patent of James M. Gaar, 9 East Thirty-ninth Street, New York, N. Y., Jesse B. Hawley, 829 Sixteenth Street, Wilmette, Ill., and Leslie Stevens, 46 East Houston Street, New York, N. Y., and counsel for Gaar having informed the Office that the present whereabouts of Gaar is unknown to them, notice is hereby given that unless said James M. Gaar, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

U. S. PATENT OFFICE, *Washington, Jan. 21, 1926.*

James M. Gaar, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the applications for patent of James M. Gaar, 9 East Thirty-ninth Street, New York, N. Y., Jesse B. Hawley, 829 Sixteenth Street, Wilmette, Ill., Jesse B. Hawley and Ralph H. Townsend, 829 Sixteenth Street, Wilmette, Ill., and 209 Hillside Avenue, Mount Vernon, N. Y., respectively, Benjamin F. Miessner, South Orange, N. J., and Leslie Stevens, 46 East Houston Street, New York, N. Y., and counsel for Gaar having informed the Office that the present whereabouts of Gaar is unknown to them, notice is hereby given that unless said James M. Gaar, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

TRADE-MARKS

OFFICIAL GAZETTE, FEBRUARY 16, 1926.

[VOL. 343. No. 3.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 167,246. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VESS JONES, New York, N. Y. Filed July 22, 1922.

WHISTLE

Particular description of goods.—Bakery Products—Namely, Cakes, Cookies, Crackers, Pies, and Bread.
Claims use since July 1, 1922.

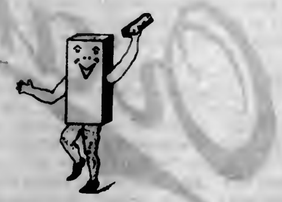
Ser. No. 168,915. (CLASS 12. CONSTRUCTION MATERIALS.) BUTTONLATH MANUFACTURING CO., Los Angeles, Calif., Filed Aug. 31, 1922.

BUTTONLATH

Particular description of goods.—Plaster Lath.
Claims use since on or about June 14, 1914.

Ser. No. 170,898. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) HOGE EDMUNDSON RICHARDSON, doing business as Rite-Wa Cleaning Co., Washington, D. C. Filed Oct. 18, 1922.

RITE-WA



Particular description of goods.—Cleanser of Rugs, Draperies, Upholstered Furniture, Clothing, Dress Goods, Silks, and Blankets.
Claims use since July, 1919.

Ser. No. 199,668. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE BERRY GROWERS PACKING CO., Gresham, Oreg. Filed July 7, 1924.



No claim is made to the word "Brand" apart from the mark shown. No claim is made to the word "Gresham" apart from the mark shown in the drawing. Applicant however reserves all common-law rights in connection therewith.

Particular description of goods.—Canned Berries.
Claims use since Jan. 5, 1293.

Ser. No. 200,461. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RIDGEWOOD FRUIT GROWERS, INC., Winchester, Va. Filed July 24, 1924.

Ridgewood Orchard

Particular description of goods.—Apples and Apple Products—Namely, Apple Butter and Apple Preserves.
Claims use since Jan. 1, 1913.

Ser. No. 201,052. (CLASS 12. CONSTRUCTION MATERIALS.) SOCIETE FRANÇAISE DE L'EVERITE, La Plaine St.-Denis, France. Filed Aug. 6, 1924.

EVERITE

Particular description of goods.—Slates, Tiles, Plates, Corrugated Plates, Paving Bricks, Flagstones of Artificial Material Used for Ceilings, Walls, and Coverings.
Claims use since May 2, 1924.

Ser. No. 201,053. (CLASS 12. CONSTRUCTION MATERIALS.) SOCIETE FRANÇAISE DE L'EVERITE, La Plaine St.-Denis, France. Filed Aug. 6, 1924.



Particular description of goods.—Slates, Tiles, Plates, Corrugated Plates, Paving Bricks, Flagstones of Artificial Material Used for Ceilings, Walls, and Coverings.
Claims use since May 2, 1924.

Ser. No. 201,054. (CLASS 12. CONSTRUCTION MATERIALS.) SOCIETE FRANÇAISE DE L'EVERITE, La Plaine St.-Denis, France. Filed Aug. 6, 1924.



Particular description of goods.—Slates, Tiles, Plates, Corrugated Plates, Paving Bricks, Flagstones of Artificial Material Used for Ceilings, Walls, and Coverings.
Claims use since May 2, 1924.

Ser. No. 203,155. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THOMPSON-BARLOW COMPANY, INC., New York, N. Y., assignor to Madame X Company, Inc., New York, N. Y., a Corporation of New York. Filed Sept. 27, 1924.

Madame X

Particular description of goods.—Face Lotions, Toilet Powders, and Face Creams.
Claims use since Nov. 6, 1922.

Ser. No. 205,272. (CLASS 39. CLOTHING.) HIGGINBOTHAM-BAILEY-LOGAN COMPANY, Dallas, Tex., and New York, N. Y. Filed Nov. 14, 1924.

Molly-O

Particular description of goods.—Women's and Children's Underwear Made of Textile Fabrics, and Women's and Children's Outer Wear—Namely, Dresses or Frocks Made of Wool, Cotton, and Silk.
Claims use since Nov. 4, 1924.

Ser. No. 205,478. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CLARE E. HALLADAY COFFEE COMPANY, Battle Creek, Mich. Filed Nov. 18, 1924.

TERRACE CLUB



Particular description of goods.—Coffee and Tea.
Claims use since Aug. 1, 1924.

Ser. No. 206,410. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) KINGFISHER JOHNSON, Fairbury, Nebr. Filed Dec. 8, 1924.

LAVERIX

Particular description of goods.—Fish Bait.
Claims use since May 1, 1924.

Ser. No. 206,492. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE PURE FOOD LABORATORIES COMPANY, Delaware, Ohio. Filed Dec. 9, 1924.

Ovah

Particular description of goods.—A Milk Containing Chocolate-Flavored Sirup.
Claims use since Sept. 1, 1924.

Ser. No. 206,808. (CLASS 39. CLOTHING.) J. G. SMYTH & Co., Uvalde, Tex. Filed Dec. 16, 1924.

CATTLEMAN'S

Particular description of goods.—Men's and Women's Hats.
Claims use since April, 1923.

Ser. No. 206,964. (CLASS 37. PAPER AND STATIONERY.) GIRL SCOUTS, New York, N. Y. Filed Dec. 19, 1924.

GIRL GS SCOUTS

Particular description of goods.—Loose-Leaf Binders and Sheets Therefor, Writing Tablets, Writing Papers, Envelopes, Pens, Pencils, Papeteries.
Claims use since Jan. 1, 1914.

Ser. No. 207,030. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Dec. 20, 1924.



No claim is made for the words "Self-Rising" apart from the mark shown, and no claim is made in this particular mark to the words "Pancake Flour" apart from the other matter shown.

The words "Pillsbury's Pancake Flour" appear in white on a blue ground. The expression "Pillsbury's Best XXXX, Min., Minn." appear in white on a blue ground at the center of the whirligig. The radiating spaces of the whirligig are alternately red and white. The expression "One of the Family" appears in blue on one of the white spaces of the whirligig. The expression "Self-Rising" appears on another of the white spaces of the whirligig. The pancakes appear in brown. The broken border of the plate appears in light blue.

Particular description of goods.—Pancake Flour.
Claims use since Sept. 5, 1924.

Ser. No. 207,031. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Dec. 20, 1924.



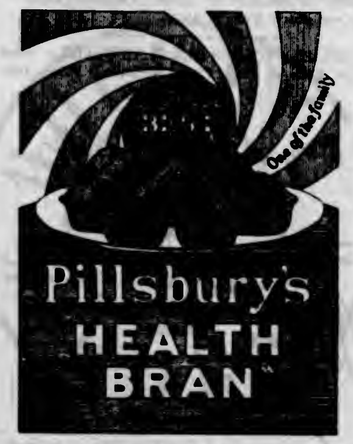
FARINA

No claim is made in this particular mark to the word "Farina" apart from the other matter shown.

The word "Pillsbury's" appears in white on a red ground in the form of a band having a wavelike border in red and white and a series of red dots outside thereof. The word "Farina" appears in black. The expression "Pillsbury's Best XXXX, Minneapolis, Minn." appears in white on a black ground, located in the center of the whirligig. The radiating spaces of the whirligig are alternately white and red. The border of the whirligig is in black and white, with the white between two bands of black. The expression "One of the Family" appears in red directly below the word "Farina."

Particular description of goods.—Flour Made From Wheat.
Claims use since Aug. 15, 1924.

Ser. No. 207,032. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Dec. 20, 1924.



No claim is made in the particular mark for the words "Health Bran" apart from the other matter shown. The words "Pillsbury's Health Bran" appear in white on a blue ground. The muffins on the plate appear in brown. The words "Pillsbury's Best," the expression "XXXX," the first two letters of the word "Minneapolis," and the

abbreviation "Minn." appear in white on a blue ground. The radiating spaces of the whirligig are alternately white and red, and the expression "One of the Family" appears in blue on one of the white radiating spaces.

Particular description of goods.—Wheat Bran.

Claims use since Sept. 14, 1924.

Ser. No. 207,211. (CLASS 39. CLOTHING.) DAVID J. STONE, doing business as Stone Glove Factories, Chicago, Ill. Filed Dec. 24, 1924.



The lining appearing on the drawing is for the purpose of shading only.

Particular description of goods.—Gloves Made of Leather.

Claims use since June 10, 1924.

Ser. No. 207,379. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN F. JELKE COMPANY, Chicago, Ill. Filed Dec. 29, 1924.

Keystone

Particular description of goods.—Oleomargarine.

Claims use since Mar. 1, 1914.

Ser. No. 208,430. (CLASS 33. GLASSWARE.) ADOLPHE SCHLOSS FILS & CIE., Paris, France. Filed Jan. 21, 1925.

Berthoyette

Particular description of goods.—Glasses, Bowls, Pitchers, Vases, Flower Holders, and Tubes Made of Glass.

Claims use since Dec. 9, 1924.

Ser. No. 209,084. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE GREAT AMERICAN TEA COMPANY, Brooklyn, N. Y. Filed Feb. 4, 1925.

Golden Key

Particular description of goods.—Soaps and Cleaners—Viz, Borax Soap, White Naphtha Soap, White Floating Soap, Yellow Laundry Soap, Soap Flakes, Washing Powder, and Laundry Tablets.

Claims use since June 14, 1924, on borax soap and white naphtha soap; on white floating soap since Aug. 21, 1924; and yellow laundry soap, soap flakes, washing powder and laundry tablets since June 14, 1924.

Ser. No. 209,154. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BLANKE BAER EXTRACT & PRESERVING COMPANY, St. Louis, Mo. Filed Feb. 6, 1925.

WISHMORE

Particular description of goods.—Jellies, Jams, Fruit Butters, Fruit Preserves, and Preserved Fruits.

Claims use since Nov. 18, 1924.

Ser. No. 209,968. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE BEST-CLYMER CO., St. Louis, Mo. Filed Feb. 21, 1925.

MARIGOLD

Particular description of goods.—Jams, Jellies, and Fruit Preserves.

Claims use since February, 1923.

Ser. No. 210,116. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) DAVEGA, INC., New York, N. Y. Filed Feb. 25, 1925.

IMPERIAL

Particular description of goods.—Golf Balls.

Claims use since Jan. 8, 1925.

Ser. No. 211,390. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) S. STROOCK & CO. INC., New York, N. Y. Filed Mar. 20, 1925.

STROOCK
JESSAMINE CLOTH

No claim is made to the exclusive use of the words "Stroock" and "Cloth" apart from the mark as shown in the drawing.

Particular description of goods.—Wool Cloth in the Piece.

Claims use since Feb. 5, 1925.

Ser. No. 212,161. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) TINGUE, BROWN & CO., New York, N. Y. Filed Apr. 3, 1925.



The trade-mark consists of an arbitrarily-worked-up napped surface of appreciable length which is formed on the strands of cotton of which the padding is composed and which gives to the padding a distinct appearance.

Particular description of goods.—Woven Cotton Padding for Laundry-Machinery Rolls.

Claims use since Mar. 14, 1925.

Ser. No. 212,519. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) MARY L. VANDERHERCHEN, doing business as Wm. H. Vanderherchen, Philadelphia, Pa. Filed Apr. 10, 1925.



The red area is the trade-mark. The representation of a tent is disclaimed except in the form as shown. The drawing shows the completed tent with the trade-mark or red area lined.

Particular description of goods.—Tents.

Claims use since Feb. 1, 1925.

Ser. No. 212,527. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) BAKELITE CORPORATION, New York, N. Y. Filed Apr. 11, 1925.



Particular description of goods.—Phonograph Records and Rosaries Made of Condensation Products of Phenols and Formaldehyde.

Claims use since Dec. 1, 1924.

Ser. No. 213,561. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) FILM BOOKING OFFICES OF AMERICA, INC., New York, N. Y. Filed Apr. 30, 1925.



Particular description of goods.—Motion-Picture Films.

Claims use since Apr. 14, 1925.

Ser. No. 213,568. (CLASS 39. CLOTHING.) ISADOR GOLDBERG, doing business as National Garter Co., New York, N. Y. Filed Apr. 30, 1925.

GOLD SEAL

Particular description of goods.—Men's Pad Garters, Men's Arm Bands, Ladies' Garters for Corsets, Fancy Round Garters, Children's Hose Supporters, Rubber Kitchen Aprons, and Round Garters for Children's Socks.

Claims use since Mar. 9, 1925.

Ser. No. 213,667. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) PALMETTO COTTON MILLS INCORPORATED, Palmetto, Ga. Filed May 1, 1925.



No claim is made for the word "Duck" apart from the mark shown.

Particular description of goods.—Cotton Duck Cloth in the Gray—that is in the Original Piece as it Comes From the Loom.

Claims use since March, 1922.

Ser. No. 214,097. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SEBASTIAN-STUART FISH CO., Seattle, Wash. Filed May 9, 1925.

DAWN

Particular description of goods.—Canned Salmon.
Claims use since Apr. 11, 1925.

Ser. No. 214,399. (CLASS 15. OILS AND GREASES.) CHRISTIAN-ABLE COMPANY, Houston, Tex. Filed May 16, 1925.



No claim is made to the word "Greases" apart from the mark as shown on the drawing.
Particular description of goods.—Lubricating grease put up in bulk form.
Claims use since Mar. 1, 1925.

Ser. No. 214,400. (CLASS 15. OILS AND GREASES.) CHRISTIAN-ABLE COMPANY, Houston, Tex. Filed May 16, 1925.



Particular description of goods.—Grease in the form of a heavy lubricant.
Claims use since Apr. 1, 1925.

Ser. No. 214,667. (CLASS 39. CLOTHING.) KING & APPELBAUM, New York, N. Y. Filed May 21, 1925.

Virginia Dare

Particular description of goods.—Ladies' and Misses' Hats.
Claims use since May 27, 1917.

Ser. No. 215,115. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) BECKLEY-CARDY COMPANY, Chicago, Ill. Filed May 29, 1925.

SLATEBESTOS BLACKBOARD

Applicant disclaims all wording except "Slatebestos."
Particular description of goods.—Blackboards.
Claims use since Jan. 15, 1925.

Ser. No. 215,223. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SUNLAND PACKING HOUSE COMPANY, Porterville, Calif. Filed June 2, 1925.

Sun Garden

Particular description of goods.—Fresh Citrous Fruits.
Claims use since Feb. 3, 1925.

Ser. No. 215,425. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SUTTER CO-OPERATIVE GROWERS, San Francisco, Calif. Filed June 6, 1925.

SUN KING

Particular description of goods.—Canned Fruits.
Claims use since May 23, 1925.

Ser. No. 215,576. (CLASS 12. CONSTRUCTION MATERIALS.) THE INLAND FIRE BRICK CO., Cleveland, Ohio. Filed June 10, 1925.

Brixaver

Trade-mark consists of the word "Brixaver."
Particular description of goods.—Cement Prepared in Powder Form.
Claims use since July 1, 1923.

Ser. No. 215,629. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK HASSEL, doing business as The Mid-West Creamery, Plainview, Tex. Filed June 11, 1925.

Supreme

Particular description of goods.—Ice Cream.
Claims use since Feb. 15, 1924.

Ser. No. 216,192. (CLASS 39. CLOTHING.) LONG'S HAT STORES, New York, N. Y. Filed June 22, 1925.

Long Royal
The Aristocrat of Straws

No claim is made to the words "The Aristocrat of Straws" apart from the mark shown.
Particular description of goods.—Men's Hats.
Claims use since May 1, 1925.

Ser. No. 216,377. (CLASS 12. CONSTRUCTION MATERIALS.) ASPHALT COLD MIX LIMITED, London, England. Filed June 25, 1925.

COLAS

Particular description of goods.—Bituminous Emulsions for Use as a Binding Medium in Road Making, Briquetting, and Similar Manufactures.
Claims use since June, 1924.

Ser. No. 216,738. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) J. KENNON & SONS PROPRIETARY LIMITED, Richmond, near Melbourne, Victoria, Australia. Filed July 1, 1925.

K

Particular description of goods.—Leather, Unwrought Skins, Furs, Wool, and Tallow.
Claims use since about 1887 on leather, unwrought skins, and furs; since about 1900 on wool; and since about 1905 on tallow.

Ser. No. 216,935. (CLASS 6. CHEMICALS MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROBERT F. REESE, doing business as 20th Century Laboratories Associated, Columbus, Ohio. Filed July 6, 1925.



No claim is made to the following wording appearing on the accompanying drawing of this application—namely, "Old Way Disagreeable, New Way No Taste Easily Taken."
Particular description of goods.—Laxative Tablets for Liver, Bowels, Stomach, and Kidneys.
Claims use since January, 1924.

Ser. No. 217,425. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) J. G. STERLING, Warren, Ohio. Filed July 15, 1925.



Applicant disclaims the use of all wording shown on the drawing.
Particular description of goods.—Automobiles and Parts Thereof Except Rubber Bumpers.
Claims use since May, 1921.

Ser. No. 217,660. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) COHN-HALL-MARX CO., New York, N. Y. Filed July 21, 1925.

HALLMARX

Particular description of goods.—Cotton Fabrics, Mixtures of Cotton and Silk, Mixtures of Cotton and Wool, and Mixtures of Cotton, Silk, and Wool, All in the Piece, and Plain, Printed, or Fancy Woven.
Claims use since July 17, 1925.

Ser. No. 218,056. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FAIR PLAY CARAMELS, INC., Johnson City, N. Y. Filed July 29, 1925.

JUNGLE WONDERS

Particular description of goods.—Caramels.
Claims use since Jan. 5, 1923.

Ser. No. 218,475. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) DYE AND CHEMICAL COMPANY OF CANADA, LIMITED, Kingston, Ontario, Canada. Filed Aug. 6, 1925.

Sylkraft

Particular description of goods.—Pigments for Use in Painting Fabrics and in Painting Glass and Other Substances.
Claims use since about May 2, 1925.

Ser. No. 218,746. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) FAY B. DUNCAN, doing business as Mar-Les Polish Co., Hoquiam, Wash. Filed Aug. 12, 1925.

MAR-LES

Particular description of goods.—Furniture Polish.
Claims use since Jan. 2, 1925.

Ser. No. 218,988. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NATIONAL FISH CO. LTD., Halifax, Nova Scotia, Canada. Filed Aug. 17, 1925.

National Seald Fish

No claim is made to the exclusive use of the word "Fish" apart from the mark as shown.
Particular description of goods.—Fresh and Cured Fish.
Claims use since May 26, 1925.

Ser. No. 219,059. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) L. YANCEY CLARK, doing business as Georgia Pine Turpentine Company New York, N. Y. Filed Aug. 19, 1925.

PINEY WOODS

Particular description of goods.—Pure Gum Turpentine, Steam-Distilled Turpentine, Destructively-Distilled Wood Turpentine, and Gum Spirits of Turpentine.
Claims use since Jan. 15, 1923.

Ser. No. 219,157. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) C. R. WHITING CO., Newark, N. J. Filed Aug. 20, 1925.

NOVELEATHER

Particular description of goods.—Coated Textile Material to be Used for Covering or for Lining Suitcases, Leather Goods, Boxes, and Like Goods.
Claims use since July 22, 1925.

Ser. No. 219,280. (CLASS 33. GLASSWARE.) INDIANA LAMP CORPORATION, Connersville, Ind. Filed Aug. 24, 1925.

ILCOLITE

Particular description of goods.—Lens Used in Connection with Automobile Lamps.
Claims use since June 1, 1925.

Ser. No. 219,416. (CLASS 39. CLOTHING.) WURDEMAN TEXTILE MILLS, INC., Fort Plain, N. Y. Filed Aug. 26, 1925.

MING TOY

Particular description of goods.—Princess and Costume Slips, Boudoir Caps, Brassières, and Garters for Women and Children.
Claims use since Aug. 10, 1925.

Ser. No. 219,797. (CLASS 39. CLOTHING.) APEX BELT CO., Chicago, Ill. Filed Sept. 4, 1925.

APEX BELTS

The exclusive right to the use of the word "Belts" appearing in the drawing is hereby disclaimed apart from the other features of the mark.
Particular description of goods.—Belts for Personal Wear.
Claims use since Mar. 1, 1925.

Ser. No. 219,860. (CLASS 12. CONSTRUCTION MATERIALS.) THE SULLIVAN COMPANY, Memphis, Tenn. Filed Sept. 4, 1925.

IRON-COTE

Particular description of goods.—Compound for Use as a Cement-Surface Hardener.
Claims use since Apr. 1, 1924.

Ser. No. 219,863. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TEXAS CITRUS FRUIT GROWERS EXCHANGE, Mission, Tex. Filed Sept. 4, 1925.

RIO GRANDE VALLEY · TEXAS · LUSCIOUS-JUICY-SWEET

Applicant disclaims the exclusive right to the use of the words "Rio Grand Valley," "Texas," "Luscious," "Juicy," and "Sweet" apart from the mark as shown.
Particular description of goods.—Fresh Citrous Fruits.
Claims use since July 1, 1925.

Ser. No. 219,865. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WALTER BROTHERS, Exeter, Calif. Filed Sept. 4, 1925.

Moose

Particular description of goods.—Fresh Grapes.
Claims use since Aug. 15, 1924.

Ser. No. 220,114. (CLASS 12. CONSTRUCTION MATERIALS.) DEL MONTE PROPERTIES COMPANY, San Francisco, Calif. Filed Sept. 11, 1925.

Del Monte

Particular description of goods.—Roof Tiling, Floor Tiling, and Wall Tiling for Building and Decoration of a Composition Resembling Stone and Brick.
Claims use since June 15, 1925.

Ser. No. 220,234. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM I. HOFT, Berwyn, Ill. Filed Sept. 14, 1925.

HALITOSINE

Particular description of goods.—Antiseptic and Deodorant Liquid for Use as Mouth Wash or Disinfectant for Treatment of Infections of Mouth, Teeth, Throat, Ear, and Nose.
Claims use since June 1, 1925.

Ser. No. 220,268. (CLASS 5. ADHESIVES.) M. WITMARK & SONS, New York, N. Y. Filed Sept. 14, 1925.

Adhesia

Particular description of goods.—Thin Paste.
Claims use since 1902.

Ser. No. 220,786. (CLASS 39. CLOTHING.) MIKLOS & HERSHEY, INC., New York, N. Y. Filed Sept. 25, 1925.

Monhat

The word "Hat" is disclaimed apart from the mark shown.
Particular description of goods.—Hats for Men, Women, and Children.
Claims use since May, 1925.

Ser. No. 221,249. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FOLEY BROS. GROCERY CO., St. Paul, Minn. Filed Oct. 5, 1925.

Fort Snelling



Particular description of goods.—Food-Flavoring Extracts—Namely, Vanilla, Almond, Orange, and Lemon; Nutmeg, Mustard, Pepper, Cocoa, Cinnamon, Ground Poultry Seasoning, Canned Fruits, Vegetables, and Pork and Beans, Canned Salmon, Lobster, Shrimp, and Oysters, Coffee, Tea, Buckwheat Flour, Artificial Colored and Flavored Cherries, Chili Sauce, Queen Olives, Mayonnaise, Apple Cider Vinegar, Mincemeat, Tomato Catchup, and Peanut Butter.
Claims use since Sept. 1, 1897.

Ser. No. 221,260. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) K. C. CHEMICAL COMPANY, Kansas City, Mo. Filed Oct. 5, 1925.

K. C.



Particular description of goods.—Tire Patches.
Claims use since about Jan. 1, 1923.

Ser. No. 221,282. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SALVO & BERDON CANDY CO., Natchez, Miss. Filed Oct. 5, 1925.

BIG SAM

Particular description of goods.—Candy.
Claims use since Sept. 1, 1925.

Ser. No. 221,363. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GRAND VIEW HEIGHTS CITRUS ASSN., Ultra, P. O. Terra Bella, Calif. Filed Oct. 7, 1925.

BUNNY

Particular description of goods.—Fresh Citrous Fruits.
Claims use since Mar. 20, 1925.

Ser. No. 221,401. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHRISTIAN P. AURINGER, doing business as Auringer Coffee Company, Kingston, N. Y. Filed Oct. 8, 1925.



Particular description of goods.—Coffee.
Claims use since Oct. 10, 1924.

Ser. No. 221,645. (CLASS 38. PRINTS AND PUBLICATIONS.) SUPERIOR PORTLAND CEMENT COMPANY, Seattle, Wash. Filed Oct. 12, 1925.

The Cementer

Particular description of goods.—House Organ and Periodical.
Claims use since February, 1921.

Ser. No. 221,678. (CLASS 39. CLOTHING.) J. WEINBERG AND SONS, Cheetham, Manchester, England. Filed Oct. 13, 1925.

AQUAROCK

Particular description of goods.—Waterproof and Rainproof Clothing—Namely, Men's, Youths', and Boys' Suits and Overcoats.
Claims use since Jan. 19, 1914.

Ser. No. 221,728. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) STOREY BROTHERS & COMPANY, LIMITED, Lancaster, England. Filed Oct. 14, 1925.



The exclusive use of all the wording shown on the drawing is disclaimed apart from the other features of the mark.
Particular description of goods.—Leather Cloth.
Claims use since May, 1923.

Ser. No. 221,745. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) A. HOENIGSBERGER, Chicago, Ill. Filed Oct. 15, 1925.

CONSERVATEEN

Particular description of goods.—Woven, Knitted, and Netted Textile Fabrics in the Piece Made of Silk, Artificial Silk, Sateen, Mohair, Fiber, Haircloth, Jute, Linen, Cotton, or Various Combinations Thereof.
Claims use since Oct. 7, 1925.

Ser. No. 221,773. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROETHLISBERGER & SOHN, Berne, Switzerland. Filed Oct. 15, 1925.



No claim is made to the word "Marque" apart from the mark shown on the drawing.
Particular description of goods.—Cheese.
Claims use since Feb. 17, 1925.

Ser. No. 221,827. (CLASS 39. CLOTHING.) M. B. HAMILTON & CO., Leavenworth, Kans. Filed Oct. 16, 1925.

LEADER

Particular description of goods.—Work Gloves, Mittens, and Gauntlets of Fabric and Combinations of Fabric and Leather.
Claims use since Jan. 1, 1920.

Ser. No. 221,831. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) BERTHA LINCOLN HEUSTIS, Harvard, Ill. Filed Oct. 16, 1925.

A LOOSE PUP



TO CHEER YOU UP

No claim is made to the exclusive right to use a representation of a toy dog or the word "Pup" except in the association shown, all common-law rights to both of these features being reserved to the applicant.
Particular description of goods.—Toy Animals.
Claims use since August, 1925.

Ser. No. 222,157. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 23, 1925.

BAKELITE

Particular description of goods.—Buttons and Buckles Made of Condensation Products of Phenols and Formaldehyde for Personal Wear.
Claims use since Dec. 1, 1918.

Ser. No. 222,202. (CLASS 39. CLOTHING.) SULTZER-HENDERSON CO. INC., New York, N. Y. Filed Oct. 23, 1925.

Piccadilly

Particular description of goods.—Ladies' Hats.
Claims use since Oct. 20, 1925.

Ser. No. 222,316. (CLASS 37. PAPER AND STATIONERY.) THOMAS R. FERGUSON, doing business as Thos. R. Ferguson and Co., Chicago, Ill. Filed Oct. 26, 1925.

OUR INVESTOR'S CLUB

Particular description of goods.—Contract Forms.
Claims use since Oct. 23, 1925.

Ser. No. 222,333. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) MOTOR IMPROVEMENTS, INC., Newark, N. J. Filed Oct. 26, 1925.

PUROLATOR

Particular description of goods.—Oil Filters Particularly Adapted for Automobiles.
Claims use since July 1, 1924.

Ser. No. 222,389. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EDWARD J. METZ, Reading, Pa. Filed Oct. 27, 1925.

DEPENDABLE

No claim is made to the word "Dependable" apart from the trade-mark as shown.
Particular description of goods.—Potato Flakes.
Claims use since August, 1925.

Ser. No. 222,568. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EDGAR W. HUNT, doing business as E. W. Hunt Candy Co., Framingham, Mass. Filed Oct. 30, 1925.

BULLY E. HUNT CANDY CO. GOOD
TASTES THE BEST EATS THE BEST

The words "Tastes the Best," "Eats the Best," and also the word "Good" are disclaimed except when used as shown in connection with the other features of the mark.
Particular description of goods.—Confection Made From Pop Corn, Coconut, and Sirup.
Claims use since on or about Jan. 1, 1905.

Ser. No. 222,599. (CLASS 12. CONSTRUCTION MATERIALS.) THE CONNECTICUT LIME CO., Canaan, Conn. Filed Oct. 31, 1925.

CONNECTICUT LIME COMPANY
PLASTERING
CC
LIME
280 LBS. NET
CANAAN CONN.

No claim is made to the exclusive use of the words, abbreviations, and numeral "Plastering Lime Canaan, Conn., 280 lbs. Net" apart from the mark as shown in the drawing, the corporate title "Connecticut Lime Company" forming no part of the applicant's technical trade-mark.
Particular description of goods.—Lime for Building Purposes.
Claims use since January, 1923.

Ser. No. 222,782. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) HARRY BROCKMEYER, Cincinnati, Ohio. Filed Nov. 4, 1925.

NurseKar

The word "Kar" is disclaimed apart from the other features of the mark.
Particular description of goods.—Children's Toy Vehicles.
Claims use since Apr. 1, 1925.

Ser. No. 222,792. (CLASS 12. CONSTRUCTION MATERIALS.) THE C. PARDEE WORKS, Perth Amboy, N. J., and Philadelphia, Pa. Filed Nov. 4, 1925. Under ten-year proviso.

PARDEE.

Particular description of goods.—Floor Tiles, Wall Tiles, Decorative Construction Tiles, Tiles for Industrial Construction, Tile Door Frames, and Tiles Known as Ceramics.
Claims use since Feb. 1, 1895.

Ser. No. 222,991. (CLASS 12. CONSTRUCTION MATERIALS.) MUSKOKA WOOD MFG. CO., Huntsville, Ontario, Canada. Filed Nov. 7, 1925.

RED DEER BRAND
MUSKOKA WOOD MFG. CO.
HUNTSVILLE ONTARIO

Applicant disclaims all matter in connection with the trade-mark except the essential features "Red Deer," the head of the deer, and the ring disk as shown.
Particular description of goods.—Flooring, Particularly Birch, Hardwood Flooring.
Claims use since Aug. 15, 1902.

Ser. No. 223,006. (CLASS 19. VEHICLES, NOT INCUDING ENGINES.) WEFCO COMPANY INC., New York, N. Y. Filed Nov. 7, 1925.

LUSCO

Particular description of goods.—Lubricating Spring Covers for Automobiles.
Claims use since Feb. 15, 1924.

Ser. No. 223,042. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) KING-SEELEY CORPORATION, Ann Arbor, Mich. Filed Nov. 9, 1925.

TELEGAGE

Particular description of goods.—Liquid-Level Gauges.
Claims use since about Mar. 1, 1925.

Ser. No. 223,043. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) KING-SEELEY CORPORATION, Ann Arbor, Mich. Filed Nov. 9, 1925.

KS TELEGAGE

Particular description of goods.—Liquid-Level Gauges.
Claims use since about Mar. 1, 1925.

Ser. No. 223,146. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) STEHLI SILKS CORPORATION, New York, N. Y. Filed Nov. 11, 1925.

AMERICANA

Particular description of goods.—Silk Piece Goods.
Claims use since Aug. 1, 1925.

Ser. No. 223,268. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) WOODWARD & LOTHROP, Washington, D. C. Filed Nov. 13, 1925.

Jane Wandl

Particular description of goods.—Artificial Flowers for Wearing Apparel Made of Velvet, Linen, Crêpe Silk, and Silk; Fans Made of Feathers, Gauze, (Cotton or Silk), Lace, Spangled Tissues, and Paper, With Plain and Fancy Shell, Imitation Shell, Celluloid, Bone, Ivory, or Wood Handles; Barrettes, Combs, and Hairpins, Made of Plain and Mounted Imitation Shell, and Shoehorns Made of Imitation Shell, Amber, Pearl, and Ivory.
Claims use since Oct. 15, 1925.

Ser. No. 223,286. (CLASS 39. CLOTHING.) DE MARINIS & LORIS, INC., New York, N. Y. Filed Nov. 14, 1925.

De Marinis

The trade-mark consists of the signature of Leopold De Marinis.

Particular description of goods.—Ladies' Hats.

Claims use since September, 1911.

Ser. No. 223,310. (CLASS 5. ADHESIVES.) CLARENCE J. LIVENGOOD, doing business as Hug-Me-Tite Manufacturing Company, Winston-Salem, N. C. Filed Nov. 14, 1925.

HUG-ME-TITE

"THE HOTTER THE WEATHER THE TIGHTER SHE HUGS"

The picture forming a feature of the trade-mark is fanciful and is not that of any living individual.

Particular description of goods.—Tire Patch for Inner Tubes, Rubber Boots, Hot-Water Bottles, and All Rubber Goods.

Claims use since Apr. 1, 1921.

Ser. No. 223,407. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE PIERCE-ARROW MOTOR CAR COMPANY, Buffalo, N. Y. Filed Nov. 16, 1925.

ARROW

Particular description of goods.—Automotive Vehicles Including Automobiles, Trucks, and Busses and Taxicabs and Their Component Parts.

Claims use since about 1903.

Ser. No. 223,408. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE PIERCE-ARROW MOTOR CAR COMPANY, Buffalo, N. Y. Filed Nov. 16, 1925.



Particular description of goods.—Automotive Vehicles Including Automobiles, Trucks, and Busses and Taxicabs and Their Component Parts.

Claims use since about 1903.

Ser. No. 223,429. (CLASS 43. THREAD AND YARN.) THE BELAMOSE CORPORATION, Rocky Hill, Conn. Filed Nov. 17, 1925.

Belamose

Particular description of goods.—Rayon in the Form of Yarn or Thread for Manufacturing and Other Purposes.

Claims use since Oct. 1, 1925.

Ser. No. 223,451. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) HARRY D. STRATTON, San Francisco, Calif. Filed Nov. 17, 1925.

Old German Lager

Applicant disclaims the exclusive right to the use of the words "Old German Lager" apart from the mark as shown.

Particular description of goods.—Malt Extracts and Liquors—Namely, Old German Lager Beer.

Claims use since Sept. 1, 1925.

Ser. No. 223,544. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE PROTECT-A-VENT COMPANY, Des Moines, Iowa. Filed Nov. 19, 1925.

PROTECT-A-VENT

Particular description of goods.—Automobile Ventilator Protectors.

Claims use since Nov. 1, 1924.

Ser. No. 223,553. (CLASS 39. CLOTHING.) SELF SERVICE MILLINERY STORES, INC., Woodhaven, N. Y. Filed Nov. 19, 1925.



No claim is made to the words "Chapeaux de la Femme" apart from the mark shown in the drawing.

Particular description of goods.—Ladies' Hats.

Claims use since Nov. 4, 1925.

Ser. No. 223,568. (CLASS 39. CLOTHING.) TUTTLE-SCOTT STORES, INC., Toledo, Ohio. Filed Nov. 19, 1925.

STEP IN STYLE

TUSCO

No claim is herein made to the words "Step in Style" apart from the mark as shown.

Particular description of goods.—Leather, Rubber, and Fabric Shoes.

Claims use since July 27, 1925.

Ser. No. 223,564. (CLASS 39. CLOTHING.) TUTTLE-SCOTT STORES, INC., Toledo, Ohio. Filed Nov. 19, 1925.

ARCH SUPPORTING
TRIPLE FIT
NarrowArch
A tireless walker

The words "Arch Supporting" and "Narrow Arch" are disclaimed apart from the mark shown.

Particular description of goods.—Leather, Rubber, and Fabric Shoes.

Claims use since July 29, 1925.

Ser. No. 223,586. (CLASS 12. CONSTRUCTION MATERIALS.) LEHIGH PORTLAND CEMENT COMPANY, Allentown, Pa. Filed Nov. 20, 1925.



Particular description of goods.—Portland Cement.

Claims use since about June 11, 1898.

Ser. No. 223,621. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) COHN-HALL-MARX CO., New York, N. Y. Filed Nov. 21, 1925.

HOMESTEAD



Particular description of goods.—Drapery Fabrics of Cotton, Wool, Silk, and Mixtures Thereof.

Claims use since Nov. 10, 1925.

Ser. No. 223,682. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) JOHN H. BLANCHARD, doing business as Air Novelty Works, St. Louis, Mo. Filed Nov. 23, 1925.



Particular description of goods.—A Novelty Toy Operated by Blowing Through a Tube, Causing a Toy Figure to Rise and Fall.

Claims use since Sept. 1, 1925.

Ser. No. 223,712. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILLIAM GREIG, Cashmere, Wash. Filed Nov. 23, 1925.

POLAR BEAR

Particular description of goods.—Fresh Apples.
Claims use since July 13, 1925.

Ser. No. 223,767. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ELIZABETH A. COLEY, Hawthorne, Calif. Filed Nov. 24, 1925.

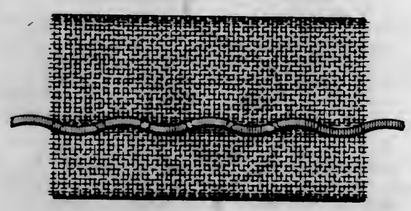


Coley Salve
For Building the Body

No claim is made to the words "Coley Salve, For Building the Body" except in the exact association and form shown on the drawing. The portrait is that of applicant.

Particular description of goods.—Salve for the Treatment of Burns, Sprains, Sores, Ulcers, Abscesses, Rheumatism, Tuberculosis, Heart Disease, Epilepsy, Neuritis, Nerves, Spinal Meningitis, Arthritis, Kidney Trouble, and Cancer.
Claims use since Dec. 5, 1916.

Ser. No. 223,814. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THOMAS PRODUCTS, INC., Boston, Mass Filed Nov. 24, 1925.



The trade-mark consists in and is applied to the goods by arbitrarily coloring red the whole or any part of a draw element in the fabric envelope for the absorbent pad. No claim is made to the representation of a portion of a serviette. In the drawing the shading upon the draw element, which latter separably unites the adjoining portions of the fabric, represents the color red.
Particular description of goods.—Serviettes.
Claims use since on or about Nov. 2, 1925.

Ser. No. 223,861. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) NOBEL INDUSTRIES, LIMITED, London, England. Filed Nov. 25, 1925.

NOBEL

No claim is made to the exclusive use of the word "Nobel" which appears on the drawing apart from the mark shown.
Particular description of goods.—Leather Cloth.
Claims use since July 1, 1925.

Ser. No. 223,998. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) D. BLUM & Co., New York, N. Y. Filed Nov. 30, 1925.

THE O. K. CHEMICAL DRY CLEANING FLUID

No claim is made to the exclusive use of the words "The" and "Chemical Dry Cleaning Fluid" apart from the mark as shown on the drawing.
Particular description of goods.—Dry-Cleaning Fluids.
Claims use since 1898.

Ser. No. 224,033. (CLASS 39. CLOTHING.) MURPHY GORMAN COMPANY, Danbury, Conn. Filed Nov. 30, 1925.



No claim is made to the words "Extra Quality" apart from their use with the mark as shown.
Particular description of goods.—Men's Soft Felt Hats, Stiff Felt Hats, and Velour Hats.
Claims use since Sept. 1, 1925.

Ser. No. 224,058. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) SEYMOUR AND MUIR PRINTING COMPANY, Grand Rapids, Mich. Filed Nov. 30, 1925.



Particular description of goods.—A Card Game.
Claims use since Oct. 10, 1925.

Ser. No. 224,072. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN WENDELL BARRETT, doing business as Barrett Produce Company, Stockton, Calif. Filed Dec. 2, 1925.

FOUR B SQUARE

Particular description of goods.—Potatoes in Their Natural State.
Claims use since May 1, 1925.

Ser. No. 224,120. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) JOHN. B. WATLING, doing business as Watling Scale Company, Chicago, Ill. Filed Dec. 2, 1925.

Watch Yur Wate

Particular description of goods.—Weighing Scales.
Claims use since Mar. 25, 1925.

Ser. No. 224,172. (CLASS 12. CONSTRUCTION MATERIALS.) BESSEMER LIMESTONE AND CEMENT COMPANY, Youngstown, Ohio. Filed Dec. 3, 1925.

PORTLAND
BESSEMER
CEMENT

All the words shown in the drawing are disclaimed.
Particular description of goods.—Cement.
Claims use since November, 1920.

Ser. No. 224,185. (CLASS 12. CONSTRUCTION MATERIALS.) GRUEBY FAIENCE AND TILE COMPANY, Boston, Mass., and Philadelphia, Pa. Filed Dec. 3, 1925.



Particular description of goods.—Floor Tiles, Wall Tiles, Decorative Construction Tiles, Tiles for Industrial Construction, Tile Door Frames, and Tiles Known as Ceramics.
Claims use since early part of 1921.

Ser. No. 224,202. (CLASS 12. CONSTRUCTION MATERIALS.) THE C. PARDEE WORKS, Perth Amboy, N. J., and Philadelphia, Pa. Filed Dec. 3, 1925.

PERFECT CERAMIC WALL TILES

Applicant disclaims any attempt to cover in this registration the words "Perfect," "Ceramic," "Wall," and "Tiles" except in the precise relation and association in which the same appear in the drawing.

Particular description of goods.—Floor Tiles, Wall Tiles, Decorative Construction Tiles, Faience, Tiles for Industrial Construction, Tile Door Frames, and Tiles Known as Ceramics.

Claims use since latter part of 1915.

Ser. No. 224,207. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK RUSSO, Chicago, Ill. Filed Dec. 3, 1925.

AMERICAN MAJORITY FACE CREAM

No claim is made to the words "Face Cream" apart from the mark shown.

Particular description of goods.—Face Cream.

Claims use since Dec. 1, 1923.

Ser. No. 224,229. (CLASS 12. CONSTRUCTION MATERIALS.) FRANK H. BERGMANN, Chicago, Ill. Filed Dec. 4, 1925.

PS

Particular description of goods.—Preparation for Waterproofing Cement or Other Porous Building Material.

Claims use since Oct. 15, 1925.

Ser. No. 224,230. (CLASS 12. CONSTRUCTION MATERIALS.) FRANK H. BERGMANN, Chicago, Ill. Filed Dec. 4, 1925.

PERMA-SEAL

Particular description of goods.—Preparation for Waterproofing Cement or Other Porous Building Material.

Claims use since Oct. 15, 1925.

Ser. No. 224,259. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) JOHN NOCERA, doing business as Novelty Bottling Works, Waltham, Mass. Filed Dec. 4, 1925.

LONDON SEAL

Trade-mark consists of the words "London Seal" and design as shown. No claim is made to the word "London" apart from the mark shown.

Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Matless Beverages Sold as Soft Drinks—viz, Ginger Ale, Sarsaparilla, Root Beer, Birch Beer, Chocolate, and Fruit Flavors.

Claims use since June 1, 1925.

Ser. No. 224,263. (CLASS 12. CONSTRUCTION MATERIALS.) PERMANENT WATERPROOFING CO., Kansas City, Mo. Filed Dec. 4, 1925.

PERMACRETE

Particular description of goods.—Preparation for Waterproofing Cement or Other Porous Material.

Claims use since Oct. 15, 1925.

Ser. No. 224,268. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE VAN LANDINGHAM CO., Los Angeles, Calif. Filed Dec. 4, 1925.

RUBIDOUX

Particular description of goods.—Canned Fruits, Canned Vegetables, and Canned Fish.

Claims use since May 15, 1916.

Ser. No. 224,291. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) VICTOR E. PEARSON, Chicago, Ill. Filed Dec. 5, 1925.

"THE KICKER"

Particular description of goods.—Sleds.

Claims use since Nov. 10, 1925.

Ser. No. 224,377. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Dec. 8, 1925.

Forstina

Particular description of goods.—Woolen Piece Goods.

Claims use since Aug. 1, 1925.

Ser. No. 224,422. (CLASS 32. FURNITURE AND UPHOLSTERY.) PERFECTION MATTRESS AND SPRING CO., Birmingham, Ala. Filed Dec. 8, 1925.

Superflex

Particular description of goods.—Bed Springs.

Claims use since July 10, 1925.

Ser. No. 224,434. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) STERLING HANDKERCHIEF MANUFACTURING CO., INC., New York, N. Y. Filed Dec. 8, 1925.

"Arbonne"

Particular description of goods.—Handkerchiefs.

Claims use since Nov. 6, 1925.

Ser. No. 224,463. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) LOGAN-POCAHONTAS FUEL COMPANY, Charleston, W. Va., and Cincinnati, Ohio Filed Dec. 9, 1925.

BLACK WALNUT

Particular description of goods.—Coal.

Claims use since July 1, 1919.

Ser. No. 224,464. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) LOGAN-POCAHONTAS FUEL COMPANY, Charleston, W. Va., and Cincinnati, Ohio. Filed Dec. 9, 1925.

GOLDEN OAK

Particular description of goods.—Coal.

Claims use since July 1, 1919.

Ser. No. 224,465. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) LOGAN-POCAHONTAS FUEL COMPANY, Charleston, W. Va., and Cincinnati, Ohio. Filed Dec. 9, 1925.

LITTLE JOE

Particular description of goods.—Coal.

Claims use since Aug. 1, 1925.

Ser. No. 224,470. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) NUTTING TRUCK CO., Faribault, Minn. Filed Dec. 9, 1925.

BLUE BOY

Particular description of goods.—Trailers.

Claims use since Apr. 10, 1925.

Ser. No. 224,484. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) WENCESLAUS STEVENS, New York, N. Y., and Naples, Italy. Filed Dec. 9, 1925.

VS

Particular description of goods.—Tanned or Raw Skins.

Claims use since about Dec. 24, 1912.

Ser. No. 224,486. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE WILLIAMS TENT & AWNING CO. INC., Buffalo, N. Y. Filed Dec. 9, 1925.



Particular description of goods.—Tents and Awnings.
Claims use since Oct. 24, 1925.

Ser. No. 224,500. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) HARRY A. COPELAND, Philadelphia, Pa. Filed Dec. 10, 1925.

KOVERTEX

Particular description of goods.—Sanitary Mattress-Protecting Shield.
Claims use since July 20, 1925.

Ser. No. 224,519. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN F. LALLA COMPANY, Chicago, Ill. Filed Dec. 10, 1925.

Pilsner

Particular description of goods.—Canned Goods—Namely, Tomatoes, Baked Beans, Wax Beans, Cut Wax Beans, Green Beans, Soaked Lima Beans, Red Kidney Beans, Corn, Succotash, Early June Peas, Sifted Early June Peas, Sweet Wrinkled Peas, Marrowfat Peas, Red Cherries, Unpitted Red Cherries, Unpitted White Cherries, White Cherries, Yellow Free Peaches, Bartlett Pears, Sliced Pineapple, Green Gage Plums, Egg Plums, Red Raspberries, Black Raspberries, Strawberries.
Claims use since May, 1910.

Ser. No. 224,559. (CLASS 39. CLOTHING.) HART, SCHAFFNER & MARX, Chicago, Ill. Filed Dec. 11, 1925.

Cedarwood

Particular description of goods.—Men's Suits and Coats.
Claims use since Nov. 16, 1925.

Ser. No. 224,599. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAN-SAY BAKING CO. INC., Brooklyn, N. Y. Filed Dec. 12, 1925.

DAN-SAY KRA-KA-BOANZ

Particular description of goods.—Italian Bread Sticks and Bread.
Claims use since Nov. 2, 1925.

Ser. No. 224,638. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) WILLIAM E. WRIGHT AND SONS COMPANY, Orange, N. J. Filed Dec. 12, 1925.



Particular description of goods.—Bias-Fold Tapes and Trimmings.
Claims use since Jan. 1, 1904.

Ser. No. 224,681. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) UNITED STATES PRODUCTS CORPORATION, San Jose, Calif. Filed Dec. 14, 1925.

EARL

Particular description of goods.—Canned Fruits and Canned Vegetables.
Claims use since Nov. 24, 1925.

Ser. No. 224,695. (CLASS 12. CONSTRUCTION MATERIALS.) DECELECO, INC., Detroit, Mich. Filed Dec. 15, 1925.

DECELECO

Particular description of goods.—Barriers for Electric Conductors and Apparatus, Slabs for Partition Walls, and Bus and Switch Cell Structures, Doors, and Covers.
Claims use since Oct. 1, 1924.

Ser. No. 224,700. (CLASS 12. CONSTRUCTION MATERIALS.) FILARDI BROS., White Plains, N. Y. Filed Dec. 15, 1925.



Particular description of goods.—Weather Strips.
Claims use since Nov. 1, 1925.

Ser. No. 224,745. (CLASS 39. CLOTHING.) CLIMAX HOSIERY MILLS, Athens, Ga. Filed Dec. 16, 1925.

Bi-Spun

Particular description of goods.—Men's Half Hose Made of Wool, Silk, Artificial Silk, and Cotton Mixtures.
Claims use since Oct. 18, 1925.

Ser. No. 224,750. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) JOHN M. DENNISON, New York, N. Y. Filed Dec. 16, 1925.



No claim is made to the word "Heat" apart from the mark as shown.
Particular description of goods.—Chemical Heating Bags.
Claims use since July 25, 1925.

Ser. No. 224,765. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FOXHALL P. KEENE, Monkton, Md. Filed Dec. 16, 1925.

FOXHALL FARM

Particular description of goods.—Pickles.
Claims use since Oct. 1, 1925.

Ser. No. 224,777. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NATIONAL MINT COMPANY, Chicago, Ill. Filed Dec. 16, 1925.

SILVER MINTS DEW

The word "Mints" is disclaimed apart from the other features of the mark.
Particular description of goods.—Candy.
Claims use since Nov. 17, 1925.

Ser. No. 224,793. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) WISCONSIN INCREASING POWER COMPANY, INC., New York, N. Y. Filed Dec. 16, 1925.



Particular description of goods.—Belt Dressing.
Claims use since Nov. 25, 1925.

Ser. No. 224,831. (CLASS 37. PAPER AND STATIONERY.) POSTAL PEN COMPANY, INC., New York, N. Y. Filed Dec. 17, 1925.

POSTAL

Particular description of goods.—Fountain Pens.
Claims use since July, 1925.

Ser. No. 224,835. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland. Filed Dec. 17, 1925.

ASSIMILOSE

Particular description of goods.—Dietetic Food for Use in the Treatment of Diabetes.
Claims use since Sept. 23, 1925.

Ser. No. 224,837. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland. Filed Dec. 17, 1925.

MELLITOSE

Particular description of goods.—Dietetic Food for Use in the Treatment of Diabetes.
Claims use since Sept. 23, 1925.

Ser. No. 224,838. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOCIETY OF CHEMICAL INDUSTRY IN BASLE, Basel, Switzerland. Filed Dec. 17, 1925.

MELLITOSAN

Particular description of goods.—Dietetic Food for Use in the Treatment of Diabetes.
Claims use since Sept. 30, 1925.

Ser. No. 224,845. (CLASS 37. PAPER AND STATIONERY.) TRANSO-TANK PEN COMPANY, INC., New York, N. Y. Filed Dec. 17, 1925.

Transo-Tank

Particular description of goods.—Fountain Pens.
Claims use since August, 1925.

Ser. No. 224,847. (CLASS 15. OILS AND GREASES.) UNDERHAY OIL CO., Boston, Mass. Filed Dec. 17, 1925.

IXOL

Particular description of goods.—Lubricating Oil and Slab Oil for Confectioners' Use.
Claims use since May 19, 1925.

Ser. No. 224,851. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WHEATAL COMPANY, Bangor, Me. Filed Dec. 17, 1925.

WHEATAL

Particular description of goods.—Breakfast Cereals.
Claims use since Aug. 19, 1924.

Ser. No. 224,862. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. R. CROSSLEY, doing business as The Home Comfort Mfg. Co., Houston, Tex. Filed Dec. 18, 1925.

HOME COMFORT

Particular description of goods.—Insecticides.
Claims use since Nov. 10, 1925.

Ser. No. 224,873. (CLASS 39. CLOTHING.) LEVINE & JAFFE, New York, N. Y. Filed Dec. 18, 1925.

Bond Cravat · L & J · Seal of approval

No claim is made to the exclusive use of the word "Cravat" apart from the mark as shown on the drawing.
Particular description of goods.—Cravats.
Claims use since Nov. 25, 1925.

Ser. No. 224,877. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EWART S. MILLER, doing business as E. S. Miller Laboratories, Los Angeles, Calif. Filed Dec. 18, 1925.

Murarsenide

Particular description of goods.—Medicine for the Treatment of Syphilis, Malaria, Trypanosomiasis, Amœbiasis, Flagellosis, Filariasis, Helminthiasis, and Other Parasitic Infections.
Claims use since Sept. 9, 1925.

Ser. No. 224,886. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VICTOR VIVAUDOU, New York, N. Y. Filed Dec. 18, 1925.

KYRILL

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, Incenses, Talcum Powders, Lip Sticks, Eyebrow Pencils, and Sachets.
Claims use since May 20, 1925.

Ser. No. 224,904. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHARLES FRANK WHITING COOK, doing business as Herbert & Whiting Company, Brooklyn, N. Y. Filed Dec. 19, 1925.

TERRASIL

Particular description of goods.—Medicines, and Particularly Rare Earths Possessing Activity in the Elimination of Toxins Produced in the Colon by Bacterial Action.
Claims use since Sept. 15, 1925.

Ser. No. 224,906. (CLASS 15. OILS AND GREASES.) DEARBORN CHEMICAL COMPANY, Chicago, Ill. Filed Dec. 19, 1925.

Dearco

Particular description of goods.—Motor-Lubricating Oils.
Claims use since Apr. 6, 1925.

Ser. No. 224,915. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHNSTONE LABORATORIES, INC., New York, N. Y. Filed Dec. 19, 1925.

TOXI-TABS

Particular description of goods.—Laxative Tablets.
Claims use since Dec. 1, 1925.

Ser. No. 224,928. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE F. PEPE MACARONI CO., INC., Waterbury, Conn. Filed Dec. 19, 1925.

FORTITUDO

Particular description of goods.—Alimentary Paste Products—Namely, Macaroni.
Claims use since May 1, 1910.

Ser. No. 224,961. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE DUNHAM COMPANY, Berea, Ohio. Filed Dec. 21, 1925.

DUNITE

Particular description of goods.—Alloy of Metals.
Claims use since Nov. 5, 1925.

Ser. No. 224,975. (CLASS 37. PAPER AND STATIONERY.) JOSEPH DIXON CRUCIBLE COMPANY, Jersey City, N. J. Filed Dec. 21, 1925.

PAPEROLL

Particular description of goods.—Pencils.
Claims use since Dec. 2, 1925.

Ser. No. 224,990. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RUSSELL-MILLER MILLING CO., Minneapolis, Minn. Filed Dec. 21, 1925.

POWERFUL

Particular description of goods.—Wheat Flour.
Claims use since Jan. 1, 1899.

Ser. No. 224,991. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RUSSELL-MILLER MILLING CO., Minneapolis, Minn. Filed Dec. 21, 1925.

TEKOE

Particular description of goods.—Wheat Flour.
Claims use since Jan. 1, 1918.

Ser. No. 224,994. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STICKNEY & POOR SPICE CO., Boston, Mass. Filed Dec. 21, 1925.

SHERBET

Particular description of goods.—Prepared Mustard.
Claims use since Nov. 30, 1925.

Ser. No. 224,995. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SWIFT AND COMPANY, Chicago, Ill. Filed Dec. 21, 1925.

CORAL

Particular description of goods.—Oleomargarine.
Claims use since Nov. 7, 1925.

Ser. No. 225,039. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SCHREIBER PRODUCTS CORPORATION, Buffalo, N. Y. Filed Dec. 22, 1925.

Vigorite

Particular description of goods.—Food Product Containing Cocoa, Malt Extract, Sugar, Milk, and Flavoring.
Claims use since Oct. 5, 1925.

Ser. No. 225,049. (CLASS 39. CLOTHING.) JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa. Filed Dec. 22, 1925.



REDLEAF

The drawing is lined to indicate the color red.
Particular description of goods.—Corsets.
Claims use since Oct. 9, 1924.

Ser. No. 225,059. (CLASS 37. PAPER AND STATIONERY.) J. S. STAEDTLER, INC., New York, N. Y. Filed Dec. 23, 1925.

GLADIATOR

Particular description of goods.—Lead Pencils.
Claims use since 1913.

Ser. No. 225,060. (CLASS 37. PAPER AND STATIONERY.) J. S. STAEDTLER, INC., New York, N. Y. Filed Dec. 23, 1925.

GLOBETROTTER

Particular description of goods.—Lead Pencils.
Claims use since 1911.

Ser. No. 225,062. (CLASS 37. PAPER AND STATIONERY.) J. S. STAEDTLER, INC., New York, N. Y. Filed Dec. 23, 1925.

Multator

Particular description of goods.—Lead Pencils.
Claims use since Jan. 2, 1923.

Ser. No. 225,063. (CLASS 37. PAPER AND STATIONERY.) J. S. STAEDTLER, INC., New York, N. Y. Filed Dec. 23, 1925.

TIMES

The mark consists of the word "Times."
Particular description of goods.—Lead Pencils.
Claims use since 1911.

Ser. No. 225,088. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRUIT PRODUCTS CO., OF FLORIDA, Eagle Lake, Florida. Filed Dec. 23, 1925.

FLORIDA GOLD

Particular description of goods.—Canned Grapefruit.
Claims use since Dec. 1, 1925.

Ser. No. 225,113. (CLASS 39. CLOTHING.) J. W. CARTER COMPANY, Nashville, Tenn. Filed Dec. 24, 1925.

JUST
My Style

Trade-mark consists of the words "Just My Style."
Particular description of goods.—Boots and Shoes Made of Leather, Fabric, or Combinations Thereof.
Claims use since July 20, 1925.

Ser. No. 225,128. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) JOHN C. MCGUIRE, Detroit, Mich. Filed Dec. 24, 1925.

GLOBITE

Particular description of goods.—Castings, Also Rolled and Hammered Bars and Forgings of Carbon and Alloy Steels.
Claims use since June 1, 1925.

Ser. No. 225,170. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) BURDICK CABINET COMPANY, Milton, Wis. Filed Dec. 26, 1925.

ZOALITE

Trade-mark consists of the word "Zoalite."
Particular description of goods.—Therapeutic Lamps.
Claims use since Aug. 3, 1925.

Ser. No. 225,202. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PARIS LABORATORIES, New York, N. Y. Filed Dec. 26, 1925.

Sweet Whiffs

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Perfumes, Lip Sticks, Eyebrow Pencils, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Talcum Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, Incense, and Sachets.
Claims use since 1918.

Ser. No. 225,228. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) GEORGE KAZES, Sioux City, Iowa. Filed Dec. 28, 1925.

"Red Book"

The lining indicates shading only.
Particular description of goods.—Cigarette Papers.
Claims use since Dec. 22, 1925.

Ser. No. 225,230. (CLASS 37. PAPER AND STATIONERY.) J. E. LINDE PAPER CO., New York, N. Y. Filed Dec. 28, 1925.

JELCO

Particular description of goods.—Toilet Paper.
Claims use since 1900.

Ser. No. 225,249. (CLASS 37. PAPER AND STATIONERY.) AMERICAN LEAD PENCIL COMPANY, New York, N. Y. Filed Dec. 29, 1925.

DIA-TIP

Particular description of goods.—Lead Pencils and Pencil Protectors.
Claims use since Nov. 24, 1925.

Ser. No. 225,254. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARY AGNES BUTEAU, doing business as G. H. Buteau & Co., Valley Stream, N. Y. Filed Dec. 29, 1925.



Particular description of goods.—Breath Tablets.
Claims use since July 1, 1925.

Ser. No. 225,278. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROSS H. PRATT, doing business as The Auto-Magic Fire Killer Co., Washington, D. C. Filed Dec. 29, 1925.



No claim is made to the words "Fire Killer" aside from the mark as shown.
Particular description of goods.—A Chemical Compound in Powder Form for Extinguishing Fires.
Claims use since Dec. 22, 1925.

Ser. No. 225,279. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) REED MANUFACTURING CO., Newark, N. Y. Filed Dec. 29, 1925. Under ten-year proviso.

REED

Particular description of goods.—Metal Culinary, Household, and Dairy Utensils—Namely, Coffeepots, Double Boilers, Combinets, Teakettles, Stock Pots, Roasters, Washbasins, Dippers, Saucepans, Preserving Kettles, Cereal Cookers, Rice Boilers, Potpie Pans, Bowls, Pudding Pans, Dish Pans, Bread Raisers, Cups, Cups and Saucers, Teapots, Percolators, Pie Plates, Water Pitchers and Bowls, Milk Kettles, Soap Dishes, Funnels, Dripping Pans, Ladles, Frying Pans, Cake Pans, Cuspidors, Potato Cookers, Vegetable Dishes, Steamers, Bathtubs and Foot Tubs, Colanders and Strainers, Toilet Jars, Sink Strainers, Canning Boilers and Racks, Milk Strainers, Bread Pans, Roofing Caps, and Commodes.
Claims use since Sept. 25, 1890.

Ser. No. 225,281. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) REED MANUFACTURING CO., Newark, N. Y. Filed Dec. 29, 1925. Under ten-year proviso.

REED

Particular description of goods.—Culinary, Household, and Dairy Utensils Made of Enameled Steel and Other Metal—Namely, Coffeepots, Double Boilers, Combinets, Teakettles, Stock Pots, Roasters, Washbasins, Dippers, Saucepans, Preserving Kettles, Cereal Cookers, Cake Pans, Rice Boilers, Potpie Pans, Bowls, Pudding Pans, Dish Pans, Bread Raisers, Cups, Cups and Saucers, Teapots, Percolators, Pie Plates, Water Pitchers and Bowls, Milk Kettles, Soap Dishes, Funnels, Dripping Pans, Ladles, Frying Pans, Cuspidors, Potato Cookers, Vegetable Dishes, Steamers, Bathtubs and Foot Tubs, Colanders and Strainers, Toilet Jars, Sink Strainers, Canning Boilers and Racks, Milk Strainers, Bread Pans, Roofing Caps, and Commodes.
Claims use since Sept. 25, 1890.

Ser. No. 225,283. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) REED MANUFACTURING CO., Newark, N. Y. Filed Dec. 29, 1925. Under ten-year proviso.

REED

Particular description of goods.—Bedpans, Urinals, Basins, and Irrigators.
Claims use since Sept. 25, 1890.

Ser. No. 225,308. (CLASS 39. CLOTHING.) INTERNATIONAL SHOE COMPANY, St. Louis, Mo. Filed Dec. 30, 1925.

Senate

Particular description of goods.—Boots and Shoes of Leather.
Claims use since Dec. 1, 1903.

Ser. No. 225,347. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GENEROUS CARDONE, doing business as Pal-O-Mine Manufacturing Company, Brooklyn, N. Y. Filed Dec. 31, 1925.

PAL-O-MINE

Particular description of goods.—Hairdressing Cream.
Claims use since August, 1925.

Ser. No. 225,393. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE ANKLARCH COMPANY, INC., Lexington, Ky. Filed Jan. 2, 1926.

Archlets

Particular description of goods.—Arch Supports.
Claims use since Aug. 1, 1925.

Ser. No. 225,411. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) ARTHUR FRIEDMAN, Cleveland, Ohio. Filed Jan. 2, 1926.

TEMPRESS

Particular description of goods.—Relief Valves.
Claims use since Dec. 19, 1925.

Ser. No. 225,473. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) FREDERICK P. GOODWIN, doing business as Goodwin & Company, Strawn, Ill. Filed Jan. 4, 1926.

VAC-O
Sucks out the dirt

Particular description of goods.—Washing Compound and Soap.
Claims use since October, 1924.

Ser. No. 225,496. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) TRICOLATOR COMPANY, INC., New York, N. Y. Filed Jan. 4, 1926.

Tricolette

Particular description of goods.—Coffee Infusers.
Claims use since Feb. 21, 1922.

Ser. No. 225,523. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RIALTO HEIGHTS ASSOCIATION, Rialto, Calif. Filed Jan. 5, 1926.

ALTURA

Particular description of goods.—Fresh Oranges and Lemons.
Claims use since Oct. 11, 1911.

Ser. No. 225,529. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) STOODY COMPANY, Whittier, Calif. Filed Jan. 5, 1926.

Stoodite

Particular description of goods.—Self-Hardening Alloy-Steel Welding Rods.
Claims use since Oct. 1, 1925.

Ser. No. 225,530. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) STOODY COMPANY, Whittier, Calif. Filed Jan. 5, 1926.

POSITIVE

Particular description of goods.—Mild Steel, Iron, and High-Carbon Welding Rods.
Claims use since Aug. 1, 1925.

Ser. No. 225,535. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) C. B. WILLIAMS, doing business as C. B. Williams Company, San Francisco, Calif. Filed Jan. 5, 1926.

SPARKLE

Particular description of goods.—Fresh Vegetables.
Claims use since Jan. 1, 1924.

Ser. No. 225,542. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) AMERICAN SMELTING & REFINING COMPANY, New York, N. Y., and San Francisco, Calif. Filed Jan. 6, 1926.

CHALLENGE

Particular description of goods.—Lead, Solder, and Babbitt, and Metals and Metal Alloys in Ingots, Bars, Pigs, Forgings, and Castings in the Rough.
Claims use since Apr. 20, 1925.

Ser. No. 225,544. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) AMERICAN SMELTING & REFINING COMPANY, New York, N. Y. Filed Jan. 6, 1926.

LEADER

Particular description of goods.—Lead, Solder, and Babbitt, and Metals and Metal Alloys in Ingots, Bars, Pigs, Forgings, and Castings in the Rough.
Claims use since Apr. 20, 1925.

Ser. No. 225,642. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) F. A. BOCHMANN & CO., INC., Philadelphia, Pa. Filed Jan. 8, 1926.

CORDERUE

Particular description of goods.—Worsted and Woolen Dress Goods Manufactured in the Piece.
Claims use since Dec. 23, 1925.

Ser. No. 225,654. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOSEPH J. FLATLEY, San Francisco, Calif. Filed Jan. 8, 1926.

APACHE

Particular description of goods.—Canned Fruits—Namely, Canned Pineapple, Canned Apricots, Canned Peaches, Canned Pears, Canned Plums, Canned Apples, Canned Grapes, Canned Cherries, Canned Figs, and Canned Berries; Canned Fish—Namely, Canned Salmon, Canned Sardines, and Canned Tunny; Tomatoes, Canned String Beans, Canned Spinach, Canned Asparagus; Dried Fruits—Namely, Dried Prunes, Dried Apples, Dried Peaches, Dried Apricots, Dried Pears, Dried Figs, and Raisins; Canned Fruit Salad.
Claims use since Dec. 15, 1925.

Ser. No. 225,675. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) HORACE T. POTTS & CO., Philadelphia, Pa. Filed Jan. 8, 1926.

INDURA

Particular description of goods.—Tool Steel.
Claims use since 1922.

Ser. No. 225,688. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE VAN CAMP PACKING COMPANY, Indianapolis, Ind. Filed Jan. 8, 1926.

VAN-CO

Particular description of goods.—Vegetable Shortening.
Claims use since January, 1922.

Ser. No. 225,693. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) APPLETON COMPANY, Lowell, Mass. Filed Jan. 9, 1926. Under ten-year proviso.



APPLETON

Particular description of goods.—Cotton Piece Goods.
Claims use since Mar. 5, 1864.

Ser. No. 225,727. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NORMA CHOCOLATE CO. INC., Brooklyn, N. Y. Filed Jan. 9, 1926.

LOLLS

Particular description of goods.—Candy Article.
Claims use since Dec. 14, 1925.

Ser. No. 225,728. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAGE COFFEE COMPANY, St. Joseph, Mo. Filed Jan. 9, 1926.

BRANDYWINE

Particular description of goods.—Coffee.
Claims use since September, 1923.

Ser. No. 225,729. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAGE COFFEE COMPANY, St. Joseph, Mo. Filed Jan. 9, 1926.

Devotion

Particular description of goods.—Coffee.
Claims use since September, 1922.

Ser. No. 225,742. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SHERMAN BROTHERS, INC., New York, N. Y. Filed Jan. 9, 1926.

White Rose

Particular description of goods.—Tea.
Claims use since July 1, 1900.

Ser. No. 225,748. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) J. L. STIFEL & SONS, Wheeling, W. Va. Filed Jan. 9, 1926.

SPORTADOR

Particular description of goods.—Cotton Piece Goods.
Claims use since Nov. 16, 1925.

Ser. No. 225,814. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) STERLING HANDKERCHIEF MANUFACTURING CO., INC., New York, N. Y. Filed Jan. 11, 1926.

"Inisfail"

Particular description of goods.—Handkerchiefs.
Claims use since Nov. 6, 1925.

Ser. No. 225,876. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE ESMOND MILLS, Esmond, Smithfield, R. I. Filed Jan. 13, 1926.



Woonaska

Particular description of goods.—Textile Blankets and Blanket Material in the Piece.
Claims use since Dec. 29, 1925.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

FEBRUARY 16, 1926.

208,986. GARMENTS MADE OF LINEN, WOOL, COTTON, ARTIFICIAL SILK, OIL SILK, AND OTHER WATERPROOF MATERIAL—NAMELY, COATS, JACKETS, WAISTCOATS, TROUSERS, CAPS, AND HATS FOR MEN, WOMEN, AND CHILDREN. EDWARD MACBEAN & COMPANY LIMITED, Glasgow, Scotland.
Filed October 2, 1925. Serial No. 221,125. PUBLISHED NOVEMBER 24, 1925.

208,987. COLLARS. VAN ZANDT'S INC., Troy, N. Y.
Filed October 1, 1925. Serial No. 221,081. PUBLISHED NOVEMBER 24, 1925.

208,988. HORSE-COLLAR PADS. NORMAN A. SHANE, doing business as Southern Sweat Pad Company. Evansville, Ind.
Filed September 28, 1925. Serial No. 220,928. PUBLISHED NOVEMBER 24, 1925.

208,989. ARTIFICIAL STONE. ANDREW MARSOLI, West Hoboken, N. J.
Filed September 24, 1925. Serial No. 220,732. PUBLISHED NOVEMBER 24, 1925.

208,990. MEN'S DRESS, NEGLIGEE, AND WORK SHIRTS; KNITTED AND TEXTILE FABRIC UNDERWEAR; AND PYJAMAS. PHILLIPS-JONES CORPORATION, New York, N. Y.
Filed September 23, 1925. Serial No. 220,675. PUBLISHED NOVEMBER 24, 1925.

208,991. WALL BOARD. THE BEAVER PRODUCTS COMPANY, INC., Buffalo, N. Y.
Filed September 11, 1925. Serial No. 220,106. PUBLISHED NOVEMBER 24, 1925.

208,992. BATH, FLESH, AND MASSAGE BRUSHES. EDWARD B. ALLEN, Newtown, Conn.
Filed September 11, 1925. Serial No. 220,103. PUBLISHED DECEMBER 1, 1925.

208,993. HOSIERY. THE WILLIAM HENGERER COMPANY, Buffalo, N. Y.
Filed August 27, 1925. Serial No. 219,428. PUBLISHED NOVEMBER 24, 1925.

208,994. GOLF BAGS. A. J. REACH COMPANY, Philadelphia, Pa.
Filed August 25, 1925. Serial No. 219,350. PUBLISHED DECEMBER 1, 1925.

208,995. CANDY AND CANDY BARS. PENDERGAST CANDY COMPANY, Minneapolis, Minn.
Filed August 17, 1925. Serial No. 218,998. PUBLISHED NOVEMBER 24, 1925.

208,996. ASPHALT PRODUCT FOR USE AS COATING, WATERPROOFING, ROOFING, PAVING, OR ADHESIVE BONDING OR CEMENTING USES. MINWAX COMPANY, INC., New York, N. Y., and Chicago, Ill.
Filed July 30, 1925. Serial No. 218,181. PUBLISHED NOVEMBER 24, 1925.

208,997. MEN'S AND WOMEN'S BEDROOM AND HOUSE SLIPPERS CONSTRUCTED OF LEATHER, RUBBER, AND FABRIC AS WELL AS A COMBINATION OF THESE MATERIALS. THE BEST-EVER SLIPPER CO., INC., Brooklyn, N. Y.
Filed July 25, 1925. Serial No. 217,855. PUBLISHED OCTOBER 20, 1925.

208,998. SOAPS—NAMELY, POWDERED SOAP, ALUMINUM CLEANER, TOILET SOAP, AND FIBER SOAP. 2-J SOAP CO. INC., Portland, Oreg.
Filed July 1, 1925. Serial No. 216,751. PUBLISHED NOVEMBER 24, 1925.

208,999. LADIES' HATS. JULIUS ROSENBLUM INC., New York, N. Y.
Filed June 19, 1925. Serial No. 216,073. PUBLISHED OCTOBER 27, 1925.

209,000. WORK, DRESS, AND NEGLIGEE SHIRTS AND PYJAMAS FOR MEN AND BOYS. JACOB GREINHARDT & SONS, New York, N. Y.
Filed March 10, 1925. Serial No. 210,789. PUBLISHED NOVEMBER 24, 1925.

209,001. METAL POLISH FOR BRASS, NICKEL, SILVER, AND COPPER. WALLER V. MORGAN, Mount Vernon, N. Y.
Filed September 11, 1924. Serial No. 202,514. PUBLISHED NOVEMBER 24, 1925.

209,002. PAPER CANS. THE PURITY PAPER VESSELS CO., Baltimore, Md.
Filed July 31, 1924. Serial No. 200,777. PUBLISHED JULY 14, 1925.

209,003. RECUPERATORS AND AIR HEATERS. THE CALORIZING COMPANY, Pittsburgh, Pa.
Filed October 30, 1923. Serial No. 187,662. PUBLISHED NOVEMBER 24, 1925.

209,004. HOSIERY. C. R. HAZZARD, Seattle, Wash.
Filed May 31, 1922. Serial No. 164,706. PUBLISHED NOVEMBER 24, 1925.

209,005. RADIO RECEIVING AND RADIO SENDING SETS AND PARTS THEREOF. INCANDESCENT SUPPLY COMPANY, New York, N. Y.
Filed July 18, 1925. Serial No. 217,560. PUBLISHED NOVEMBER 3, 1925.

209,006. WATCHES AND CLOCKS, MOVEMENTS, CASES, DIALS, AND PARTS THEREOF. MONTRES ERA & VISO, C. RUEFLI-FLURY & CIE. SOCIETE ANONYME, Bienne, Switzerland.
Filed July 14, 1925. Serial No. 217,356. PUBLISHED NOVEMBER 3, 1925.

209,007. WATCHES AND TIMEPIECES, ESPECIALLY POCKET WATCHES, WRISTLET WATCHES, RING WATCHES, NECKLACE WATCHES, JEWEL WATCHES, CLOCKS, MOVEMENTS, AND CASES, DIALS, AND PARTS OF WATCHES AND CLOCKS. LA GLYCINE WATCH FACTORY, Bienne, Switzerland.
Filed July 14, 1925. Serial No. 217,348. PUBLISHED NOVEMBER 3, 1925.

209,008. RADIO RECEIVING SETS. SHERMAN RADIO MANUFACTURING CORPORATION, New York, N. Y.
Filed July 11, 1925. Serial No. 217,232. PUBLISHED NOVEMBER 3, 1925.

209,009. ELECTRICAL CONDENSERS. SPLITDORF ELECTRICAL COMPANY, Newark, N. J.
Filed June 27, 1925. Serial No. 216,568. PUBLISHED NOVEMBER 3, 1925.

209,010. RADIO RECEIVING SETS, LOUD SPEAKERS, TRANSFORMERS, TUNING UNITS, PLUGS, VARIABLE CONDENSERS, JACKS, DIALS, AND SOCKETS. ELECTRICAL RESEARCH LABORATORIES, INC., Chicago, Ill.
Filed June 27, 1925. Serial No. 216,517. PUBLISHED NOVEMBER 3, 1925.

209,011. ELECTRIC STOVES, RANGES, AND HOT-PLATE ATTACHMENTS THEREFOR. BELLEVILLE STOVE & RANGE CO., Belleville, Ill.
Filed May 29, 1925. Serial No. 215,044. PUBLISHED NOVEMBER 3, 1925.

209,012. RADIO VACUUM TUBES. YANKEE TUBE CORPORATION, Newark, N. J.
Filed May 27, 1925. Serial No. 214,987. PUBLISHED NOVEMBER 3, 1925.

209,013. MOUTH ORGANS AND ACCORDIONS. ANDS. KOCH A.-G., Trossingen, Wurttemberg, Germany.
Filed April 10, 1925. Serial No. 212,469. PUBLISHED NOVEMBER 3, 1925.

209,014. COMBINATION OF COD-LIVER OIL AND MALT EXTRACT IN POWDER FORM. DR. A. WANDER S. A., Berne, Switzerland.
Filed October 16, 1925. Serial No. 221,862. PUBLISHED NOVEMBER 24, 1925.

209,015. MORTAR. THE WELLSTON IRON FURNACE COMPANY, Jackson, Ohio.
Filed October 15, 1925. Serial No. 221,792. PUBLISHED NOVEMBER 24, 1925.

209,016. COTTON PIECE GOODS. TOOTAL BROADHURST LEE COMPANY LIMITED, Manchester, England.
Filed October 12, 1925. Serial No. 221,648. PUBLISHED NOVEMBER 24, 1925.

209,017. COTTON PIECE GOODS, SILK PIECE GOODS, AND MIXTURES THEREOF. NATHAN H. RICH & BRO., New York, N. Y.
Filed October 7, 1925. Serial No. 221,382. PUBLISHED NOVEMBER 24, 1925.

209,018. WOOLEN GOODS IN THE PIECE. KEMP-BOOTH COMPANY LIMITED, Seattle, Wash.
Filed October 7, 1925. Serial No. 221,369. PUBLISHED NOVEMBER 24, 1925.

209,019. MEN'S SHIRTS AND BOYS' BLOUSES. CHARLES GREENBERG, New York, N. Y.
Filed October 6, 1925. Serial No. 221,314. PUBLISHED NOVEMBER 24, 1925.

209,020. STUCCO. ARTISTI-KOTE COMPANY, Upper Darby, Philadelphia, Pa.
Filed October 3, 1925. Serial No. 221,156. PUBLISHED NOVEMBER 24, 1925.

209,021. WHEAT FLOUR. THE COLORADO MILLING & ELEVATOR CO., Denver, Colo.
Filed October 5, 1925. Serial No. 221,239. PUBLISHED DECEMBER 1, 1925.

209,022. LIBRARY AND LIVING-ROOM TABLES. THE BRANDT CABINET WORKS, Hagerstown, Md.
Filed October 5, 1925. Serial No. 221,231. PUBLISHED DECEMBER 1, 1925.

209,023. WHEAT FLOUR, BUCKWHEAT FLOUR, PANCAKE FLOUR, RYE FLOUR, GRAHAM FLOUR, CORN MEAL, RYE MEAL, BREAKFAST CEREALS, BRAN, AND STOCK FEEDS. BAY STATE MILLING COMPANY, Winona, Minn.
Filed October 5, 1925. Serial No. 221,229. PUBLISHED DECEMBER 1, 1925.

209,024. PUBLICATION ISSUED MONTHLY. ELLIS-JONES DRUG COMPANY, Memphis, Tenn.
Filed October 3, 1925. Serial No. 221,173. PUBLISHED DECEMBER 1, 1925.

209,025. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. STEPHEN D. LEFAS, doing business as Columbia Orange Crush Bottling Company, Washington, D. C.
Filed October 2, 1925. Serial No. 221,120. PUBLISHED DECEMBER 1, 1925.

209,026. FILING CABINETS. YAWMAN AND ERBE MFG. CO., Rochester, N. Y.
Filed September 30, 1925. Serial No. 221,042. PUBLISHED DECEMBER 1, 1925.

209,027. GRAPE JUICE. AMERICAN STORES COMPANY, Philadelphia, Pa.
Filed September 26, 1925. Serial No. 220,824. PUBLISHED DECEMBER 1, 1925.

209,028. JAR RUBBERS. O. W. PEIRCE COMPANY, La Fayette, Ind.
Filed September 25, 1925. Serial No. 220,799. PUBLISHED DECEMBER 1, 1925.

209,029. CARBONATED, NONALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. YANKEE BOTTLING CO., Washington, D. C.
Filed September 23, 1925. Serial No. 220,694. PUBLISHED DECEMBER 1, 1925.

209,030. MACHINE NEEDLES AND AWLS. LANDIS MACHINE COMPANY, St. Louis, Mo.
Filed September 14, 1925. Serial No. 220,240. PUBLISHED DECEMBER 1, 1925.

209,031. LUBRICATING OILS AND GREASES. LANDIS MACHINE COMPANY, St. Louis, Mo.
Filed September 14, 1925. Serial No. 220,239. PUBLISHED DECEMBER 1, 1925.

209,032. MACHINE FOR GRINDING THE SURFACES OF LENSES. SHUR-ON STANDARD OPTICAL COMPANY, INC., Geneva, N. Y.
Filed September 11, 1925. Serial No. 220,148. PUBLISHED DECEMBER 1, 1925.

209,033. GASOLINE. NATIONAL INDEPENDENT OIL COMPANY, INC., York, Pa.
Filed September 9, 1925. Serial No. 220,032. PUBLISHED DECEMBER 1, 1925.

209,034. RAZOR-BLADE HOLDER. CHARLES D. VOORHIS, Cambridge, Mass.
Filed September 5, 1925. Serial No. 219,923. PUBLISHED DECEMBER 8, 1925.

209,035. GARTERS AND OVERALL SUSPENDERS. MARTIN-PAGE CO., Middlesboro, Ky.
Filed September 5, 1925. Serial No. 219,899. PUBLISHED NOVEMBER 24, 1925.

209,036. PACKING MATERIAL FOR STEAM, WATER, AND GAS JOINTS. MAX HEINRICH WILHELM HÖDING, Hamburg, Germany.
Filed August 17, 1925. Serial No. 218,969. PUBLISHED DECEMBER 1, 1925.

209,037. PIANO BENCHES, BENCH AND SEAT CUSHIONS, ROLL CABINETS, AND RADIOCABINETS. O. SIMMS MANUFACTURING CO., New York, N. Y.
Filed July 31, 1925. Serial No. 218,217. PUBLISHED DECEMBER 1, 1925.

209,038. PIANO BENCHES, BENCH AND SEAT CUSHIONS, ROLL CABINETS, AND RADIO-CABINETS. O. SIMMS MANUFACTURING CO., New York, N. Y.
Filed July 31, 1925. Serial No. 218,215. PUBLISHED DECEMBER 1, 1925.

209,039. HEEL CUSHIONS. THE SILVERITE CO., Boston, Mass.
Filed May 22, 1925. Serial No. 214,753. PUBLISHED NOVEMBER 17, 1925.

209,040. GREASE-PUMP HOSE. GOODALL RUBBER COMPANY, Philadelphia, Pa.
Filed May 20, 1925. Serial No. 214,594. PUBLISHED DECEMBER 8, 1925.

209,041. RADIO LOUD SPEAKERS, RADIO LOUD SPEAKING PHONOGRAPH ATTACHMENTS OR ADAPTERS, RADIO RECEIVING SETS, AND RADIO ELECTRON TUBES. RADIOTIVE CORPORATION, Brooklyn, N. Y.
Filed April 4, 1925. Serial No. 212,200. PUBLISHED NOVEMBER 3, 1925.

209,042. TIME-KEEPING INSTRUMENTS—NAMELY, WATCHES, CLOCKS, AND PARTS THEREOF. CARLOWITZ & CO., Hamburg, Germany.
Filed March 30, 1925. Serial No. 211,831. PUBLISHED NOVEMBER 3, 1925.

209,043. ELECTRIC STOP AND DIRECTION SIGNAL LIGHTS FOR USE ON AUTOMOBILES. HOWARD B. MCLAUGHLIN, doing business as McLaughlin Co., Canton, Ohio.
Filed March 17, 1925. Serial No. 211,175. PUBLISHED NOVEMBER 3, 1925.

209,044. RADIO RECEIVING SETS. RESAS, INC., New York, N. Y.
Filed February 26, 1925. Serial No. 210,191 PUBLISHED NOVEMBER 3, 1925.

209,045. CONDIMENTS, SAUCES, BOUILLON CUBES, AND SOUP TABLETS, ALL CONTAINING CHEMICALLY-DECOMPOSED VEGETABLE ALBUMEN. HACO-GESELLSCHAFT A.-G. BERN, Gumligen, Switzerland.
Filed January 29, 1925. Serial No. 206,810. PUBLISHED NOVEMBER 17, 1925.

209,046. HEAD SETS, LOUD SPEAKERS, TRANSFORMERS, CONDENSERS, COILS, AND RADIO RECEIVING SETS. TOWER MANUFACTURING CORPORATION, Boston, Mass.
Filed December 16, 1924. Serial No. 206,810. PUBLISHED NOVEMBER 3, 1925.

209,047. TRANSFORMERS AND INDUCTANCES. A. H. GREBE & CO., INC., Richmond Hill, N. Y.
Filed December 5, 1924. Serial No. 206,802. PUBLISHED NOVEMBER 3, 1925.

209,048. COMPOUND FOR SEALING CAST-IRON SOIL, WATER, TERRA-COTTA SEWER-PIPE JOINTS, AND THE LIKE. PURE ASPHALT PRODUCTS COMPANY, New Market, N. J., and New York, N. Y.
Filed August 30, 1924. Serial No. 202,078. PUBLISHED NOVEMBER 3, 1925.

209,049. VEHICLE SIGNALS, PARTICULARLY ELECTRIC-LIGHT SIGNALS INTENDED TO BE BORNE BY AUTOMOBILES OR OTHER VEHICLES. LITO-FONE COMPANY, INC., New York, N. Y.
Filed August 6, 1924. Serial No. 201,036. PUBLISHED NOVEMBER 3, 1925.

209,050. RADIO RECEIVING SETS CONSISTING OF CABINET AND CONTENTS. RADIO CORPORATION OF AMERICA, New York, N. Y.
Filed June 26, 1924. Serial No. 190,184. PUBLISHED NOVEMBER 3, 1925.

209,051. ELECTRIC LAMPS FOR AUTOMOBILES. ETABLISSEMENTS MICHEL POTOUS S. A., Paris, France.
Filed December 18, 1923. Serial No. 189,845. PUBLISHED NOVEMBER 3, 1925.

209,052. LADIES' AND MISSES' UNDERGARMENTS MADE OF TEXTILE AND KNITTED FABRICS. GLUCK & COHEN, New York, N. Y.
Filed February 2, 1925. Serial No. 208,976. PUBLISHED NOVEMBER 24, 1925.

209,053. WOMEN'S DRESSES. BURGESS-JOHNSON-WEBB CORPORATION, doing business as Marva Garment Company, Kansas City, Mo.
Filed February 2, 1925. Serial No. 208,956. PUBLISHED NOVEMBER 10, 1925.

209,054. COTTON AND SILK-COTTON PIECE GOODS. M. DOOB, SONS & COMPANY, New York, N. Y.
Filed January 9, 1925. Serial No. 207,859. PUBLISHED NOVEMBER 24, 1925.

209,055. SCOURING POWDER. SWIFT AND COMPANY, Chicago, Ill.
Filed January 5, 1925. Serial No. 207,696. PUBLISHED NOVEMBER 10, 1925.

209,056. FIELD SEEDS. ILLINOIS CROP IMPROVEMENT ASSOCIATION, Urbana, Ill.
Filed January 5, 1925. Serial No. 207,680. PUBLISHED NOVEMBER 10, 1925.

209,057. KEROSENE, DISTILLATE, FUEL OILS, AND ROAD OILS, GASOLINE, GREASES FOR LUBRICATING PURPOSES, AND LUBRICATING OIL. GILMORE OIL COMPANY, Los Angeles, Calif.
Filed December 31, 1924. Serial No. 207,501. PUBLISHED NOVEMBER 3, 1925.

209,058. WORK SHIRTS (MEN'S). JACOB KOHN, doing business as Standard Textile Company, Memphis, Tenn.
Filed December 29, 1924. Serial No. 207,412. PUBLISHED NOVEMBER 10, 1925.

209,059. DRY BATTERIES. FRENCH BATTERY & CARBON COMPANY, Madison, Wis.
Filed December 19, 1924. Serial No. 206,951. PUBLISHED NOVEMBER 3, 1925.

209,060. CANDY—NAMELY, FILLED CHOCOLATES. RIGGI BROS., INC., Brooklyn, N. Y.
Filed November 22, 1924. Serial No. 205,712. PUBLISHED NOVEMBER 24, 1925.

209,061. KNIT UNDERWEAR. THE MALINE MILLS COMPANY, Winston-Salem, N. C.
Filed November 6, 1924. Serial No. 204,918. PUBLISHED NOVEMBER 17, 1925.

209,062. MAGAZINES OR MONTHLY PUBLICATIONS. THE AMERICAN RADIO RELAY LEAGUE, Hartford, Conn.
Filed October 28, 1924. Serial No. 204,492. PUBLISHED NOVEMBER 3, 1925.

209,063. CARD SYSTEMS, INDEXING SYSTEMS, RECORD SYSTEMS, AND FILING SYSTEMS AND MATERIALS AND EQUIPMENT THEREFOR—NAMELY, INDICATORS, INDIVIDUAL AND CLASS DISTINGUISHERS, TABS, CARDS, AND HOLDERS OR CONTAINERS TO WHICH CARDS OR RECORD SECTIONS ARE TO BE ATTACHED. HERBERT O. ROSS, St. Louis, Mo.
Filed October 13, 1924. Serial No. 203,840. PUBLISHED NOVEMBER 10, 1925.

209,064. VEHICLE WHEELS AND RIMS THEREFOR. THE FIRESTONE STEEL PRODUCTS COMPANY, Akron, Ohio.
Filed September 22, 1924. Serial No. 202,863. PUBLISHED NOVEMBER 24, 1925.

209,065. GLOVES OF LEATHER AND LIKE MATERIAL. NOBILITY GLOVES, INC., New York, N. Y.
Filed September 12, 1924. Serial No. 202,563. PUBLISHED NOVEMBER 17, 1925.

209,066. WOVEN WOOL COATING FABRICS. C. BAHNSEN & CO., INC., New York, N. Y.
Filed September 12, 1924. Serial No. 202,546. PUBLISHED NOVEMBER 24, 1925.

209,067. WOVEN WORSTED COATING FABRICS. C. BAHNSEN & CO., INC., New York, N. Y.
Filed September 12, 1924. Serial No. 202,545. PUBLISHED NOVEMBER 24, 1925.

209,068. WOVEN COMBINATION SILK AND WOOL COATING FABRICS. C. BAHNSEN & CO., INC., New York, N. Y.
Filed September 12, 1924. Serial No. 202,544. PUBLISHED NOVEMBER 24, 1925.

209,069. LUBRICATING OIL AND GREASES. KATHERINE Z. GARVEY, doing business as Specification Oil Company, Providence, R. I.
Filed August 23, 1924. Serial No. 201,805. PUBLISHED AUGUST 18, 1925.

209,070. BATH MITTS. BELLE N. KIDD, Vancouver, Wash.
Filed July 24, 1924. Serial No. 200,452. PUBLISHED NOVEMBER 24, 1925.

209,071. PAPER-WRAPPED PENCILS, CRAYONS, CHALK CRAYONS, PRESSED CRAYONS, WAX CRAYONS, PASTEL CRAYONS, AND PENCILS. THE AMERICAN CRAYON COMPANY, Sandusky, Ohio.
Filed June 14, 1924. Serial No. 196,553. PUBLISHED NOVEMBER 17, 1925.

209,072. OILS AND GREASES—NAMELY, GASOLINE, NAPHTHA, KEROSENE, FUEL OIL, FLUX OIL, TRANSMISSION OIL, MOTOR OIL, ENGINE OIL, HARVESTER OIL, TRACTOR OIL, LUBRICATING GREASE, AND THREAD-CUTTING OIL. CENTRAL COMMERCIAL COMPANY, Chicago, Ill.
Filed July 18, 1923. Serial No. 183,363. PUBLISHED NOVEMBER 10, 1925.

209,073. GASOLINE. THE POCAHONTAS OIL COMPANY, Cleveland, Ohio.
Filed October 27, 1925. Serial No. 222,395. PUBLISHED DECEMBER 1, 1925.

209,074. WRENCHES. DIAMOND CALK HORSE SHOE CO., Duluth, Minn.
Filed October 24, 1925. Serial No. 222,226. PUBLISHED DECEMBER 8, 1925.

209,075. WRENCHES. J. H. WILLIAMS & CO., Buffalo, N. Y.
Filed October 20, 1925. Serial No. 222,057. PUBLISHED DECEMBER 8, 1925.

209,076. POWER SPRAYERS. THE FRANK HELD TRACTOR CO., Columbus, Ohio.
Filed October 19, 1925. Serial No. 221,961. PUBLISHED DECEMBER 8, 1925.

209,077. MONTHLY TRADE PERIODICAL. THE PRICE TRADE PUBLISHING CO., INC., New York, N. Y.
Filed October 9, 1925. Serial No. 221,507. PUBLISHED DECEMBER 1, 1925.

209,078. MALT EXTRACTS. MODERN PURE FOOD PRODUCTS CO., Providence, R. I.
Filed October 9, 1925. Serial No. 221,494. PUBLISHED DECEMBER 1, 1925.

209,079. DRY SWEET PEPPER IN FLAKED AND POWDERED FORM. CHILI PRODUCTS CORPORATION, Los Angeles, Calif.
Filed October 6, 1925. Serial No. 221,304. PUBLISHED DECEMBER 1, 1925.

209,080. CORN MEAL, SEMOLINA, AND RYE FLOUR. WASHBURN CROSBY COMPANY, Minneapolis, Minn.
Filed October 5, 1925. Serial No. 221,296. PUBLISHED DECEMBER 1, 1925.

209,081. STOCK AND POULTRY FEED. WASHBURN CROSBY COMPANY, Minneapolis, Minn.
Filed October 5, 1925. Serial No. 221,295. PUBLISHED DECEMBER 1, 1925.

209,082. WHEAT FLOUR. SPARKS MILLING COMPANY, Alton, Ill.
Filed October 5, 1925. Serial No. 221,284. PUBLISHED DECEMBER 1, 1925.

209,083. EGGS. MILLER-ROSE COMPANY, La Crosse, Wis.
Filed October 5, 1925. Serial No. 221,270. PUBLISHED DECEMBER 1, 1925.

209,084. BUTTER. MILLER-ROSE COMPANY, La Crosse, Wis.
Filed October 5, 1925. Serial No. 221,269. PUBLISHED DECEMBER 1, 1925.

209,085. CHEESE CRACKERS. LOOSE-WILES BISCUIT COMPANY, Long Island City, N. Y.
Filed October 5, 1925. Serial No. 221,264. PUBLISHED DECEMBER 1, 1925.

209,086. HARD BREAD. THE CRISPETTE COMPANY, Minneapolis, Minn.
Filed October 5, 1925. Serial No. 221,242. PUBLISHED DECEMBER 1, 1925.

209,087. APRONS. BERNHARD ULMANN CO. INC., New York, N. Y.
Filed September 5, 1925. Serial No. 219,871. PUBLISHED NOVEMBER 24, 1925.

209,088. CHILDREN'S PLAY SUITS IN THE NATURE OF OVERALLS. ARCH CARSON BOYD, New York, N. Y.
Filed September 3, 1925. Serial No. 219,710. PUBLISHED NOVEMBER 24, 1925.

209,089. HOSIERY. THE WILLIAM HENGERER COMPANY, Buffalo, N. Y.
Filed August 27, 1925. Serial No. 219,427. PUBLISHED NOVEMBER 24, 1925.

209,090. CLOTHS AND STUFFS OF WOOL, WORSTED, AND HAIR. G & G KYNOCH LIMITED, London, England, and Keith, Scotland.
Filed August 25, 1925. Serial No. 219,338. PUBLISHED NOVEMBER 24, 1925.

209,091. LOTION FOR USE ON CHAPPED HANDS AND FACE AND AFTER SHAVING. THE NONSPI COMPANY, Kansas City, Mo.
Filed August 24, 1925. Serial No. 219,300. PUBLISHED NOVEMBER 24, 1925.

209,092. CLEANING COMPOUND FOR POLISHED SURFACES. RICHARD A. PREO, doing business as R. A. Preo, Brooklyn, N. Y.
Filed August 19, 1925. Serial No. 219,086. PUBLISHED NOVEMBER 17, 1925.

209,093. WRITING AND PRINTING PAPER AND BANK-CHECK PAPER. BENNETT PRINTING COMPANY, Paris, Tex.
Filed August 18, 1925. Serial No. 219,025. PUBLISHED NOVEMBER 17, 1925.

209,094. SEMISOLID CLEANER FOR PERSONAL AND HOUSEHOLD USE. THE ALLEN SOAP COMPANY, Chicago, Ill.
Filed August 18, 1925. Serial No. 219,022. PUBLISHED NOVEMBER 17, 1925.

209,095. COTTON PIECE GOODS. KELSEY-WILTON TEXTILE CORPORATION, New York, N. Y.
Filed August 15, 1925. Serial No. 218,920. PUBLISHED NOVEMBER 24, 1925.

209,096. ALUMINOUS ABRASIVE GRAINS, ABRASIVE STONES, GRINDING WHEELS, AND CRYSTALLINE ALUMINA. NORTON COMPANY, Worcester, Mass.
Filed August 14, 1925. Serial No. 218,868. PUBLISHED NOVEMBER 17, 1925.

209,097. ALUMINOUS ABRASIVE GRAINS, ABRASIVE STONES, GRINDING WHEELS, AND CRYSTALLINE ALUMINA. NORTON COMPANY, Worcester, Mass.
Filed August 14, 1925. Serial No. 218,867. PUBLISHED NOVEMBER 17, 1925.

209,098. HOSIERY. RICHMOND DRY GOODS CO., INC., Richmond, Va.
Filed August 13, 1925. Serial No. 218,829. PUBLISHED NOVEMBER 24, 1925.

209,099. PHOSPHORIC ACID, PHOSPHORIC-ACID PASTE, MONOAMMONIUM PHOSPHATE, MONOCALCIUM PHOSPHATE, AND TRISODIUM PHOSPHATE. FEDERAL PHOSPHORUS CO., Anniston, Ala.
Filed August 10, 1925. Serial No. 218,618. PUBLISHED NOVEMBER 24, 1925.

209,100. ANNUAL PUBLICATION. RUSSELL PALMER, New York, N. Y.
Filed August 8, 1925. Serial No. 218,572. PUBLISHED NOVEMBER 17, 1925.

209,101. COMPOUNDED MEDICINAL TONIC TABLE WATER. OCEANO PRODUCTS COMPANY, Newark, N. J.
Filed August 8, 1925. Serial No. 218,571. PUBLISHED NOVEMBER 24, 1925.

209,102. TEAS, SPICES, FLAVORING EXTRACTS FOR FOOD PURPOSES, VINEGAR, AND MUSTARD. H-A-S COFFEE COMPANY, St. Louis, Mo.
Filed August 6, 1925. Serial No. 218,483. PUBLISHED NOVEMBER 24, 1925.

209,103. WORK SHIRTS AND OVERALLS. GEORGE W. WOODRUFF, doing business as Woodruff Manufacturing Company, Winder, Ga.
Filed August 5, 1925. Serial No. 218,441. PUBLISHED NOVEMBER 10, 1925.

209,104. GASOLINE, KEROSENE, AND LUBRICATING OILS AND GREASES. "SUPERTEST" LIMITED, London, Ontario, Canada.
Filed July 27, 1925. Serial No. 217,969. PUBLISHED NOVEMBER 10, 1925.

209,105. LIPSTICKS. LOWER & CO., INC., New York, N. Y.
Filed June 30, 1925. Serial No. 216,685. PUBLISHED NOVEMBER 24, 1925.

209,106. DOMESTIC LUBRICANT. GULF REFINING COMPANY, Port Arthur, Tex., and Pittsburgh, Pa.
Filed June 30, 1925. Serial No. 216,675. PUBLISHED NOVEMBER 10, 1925.

209,107. AWNINGS. GEO. B. CARPENTER & CO., Chicago, Ill.
Filed August 26, 1925. Serial No. 219,376. PUBLISHED NOVEMBER 17, 1925.

209,108. SPECIAL TALC USED PRIMARILY IN WATERPROOFING AND STRENGTHENING CONCRETE. W. H. LOOMIS TALC CORPORATION, Gouverneur, N. Y.
Filed August 31, 1925. Serial No. 219,592. PUBLISHED NOVEMBER 17, 1925.

209,109. COAL. MITCHELL & DILLON COAL COMPANY, Chicago, Ill.
Filed September 2, 1925. Serial No. 219,675. PUBLISHED NOVEMBER 17, 1925.

209,110. CANNED VEGETABLES—NAMELY, CANNED PEAS. OCONOMOWOC CANNING CO., Oconomowoc, Wis.
Filed September 5, 1925. Serial No. 219,905. PUBLISHED NOVEMBER 17, 1925.

209,111. GAS RANGES. A-B STOVE COMPANY, Battle Creek, Mich.
Filed September 10, 1925. Serial No. 220,092. PUBLISHED NOVEMBER 17, 1925.

209,112. FILING BOXES. W. & T. METAL PRODUCTS CORPORATION, Detroit, Mich.
Filed September 11, 1925. Serial No. 220,159. PUBLISHED NOVEMBER 3, 1925.

209,113. OVERALLS AND ONE-PIECE WORK SUITS. GREAT SIX OVERALLS, INC., Winona, Minn.
Filed September 14, 1925. Serial No. 220,211. PUBLISHED NOVEMBER 17, 1925.

209,114. SALVE FOR TREATING CORNS, BUNIONS, BOILS, AND ULCERS OR SORES CAUSED BY POISONOUS INSECTS. CARLOS C. MARROQUIN, San Antonio, Tex.
Filed September 16, 1925. Serial No. 220,313. PUBLISHED NOVEMBER 24, 1925.

209,115. SHAMPOO. POND'S EXTRACT COMPANY, New York, N. Y.
Filed September 17, 1925. Serial No. 220,359. PUBLISHED NOVEMBER 24, 1925.

209,116. SHAMPOO. POND'S EXTRACT COMPANY, New York, N. Y.
Filed September 17, 1925. Serial No. 220,360. PUBLISHED NOVEMBER 24, 1925.

209,117. VESTS. GEORGE W. HELLER, INC., New York, N. Y.
Filed September 22, 1925. Serial No. 220,609. PUBLISHED NOVEMBER 17, 1925.

209,118. TOILET SOAP AND SHAVING POWDER. KARLSRUHER PARFUMERIE- UND TOILETTESEIFEN-FABRIK F. WOLFF & SOHN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Karlsruhe, Germany.
Filed September 24, 1925. Serial No. 220,728. PUBLISHED NOVEMBER 17, 1925.

209,119. SILK BLOOMERS AND PRINCESS SLIPS. DURABLE PETTICOAT CO., New York, N. Y.
Filed September 29, 1925. Serial No. 220,943. PUBLISHED NOVEMBER 17, 1925.

209,120. PREPARATION FOR THE TREATMENT OF CONSTIPATION AND HEMORRHOIDS (PILES). ROBERT W. ALLEN, doing business as The Allol Medical Specialty Co., Chicago, Ill.
Filed October 2, 1925. Serial No. 221,084. PUBLISHED NOVEMBER 24, 1925.

209,121. STUCCO. ARTISTI-KOTE COMPANY, Upper Darby, Philadelphia, Pa.
Filed October 3, 1925. Serial No. 221,157. PUBLISHED NOVEMBER 17, 1925.

209,122. HYDRATED LIME. PACIFIC LIME & PLASTER CO., San Francisco, Calif.
Filed October 5, 1925. Serial No. 221,276. PUBLISHED NOVEMBER 17, 1925.

209,123. BALL COCKS. WOLVERINE BRASS WORKS, Grand Rapids, Mich.
Filed October 9, 1925. Serial No. 221,524. PUBLISHED NOVEMBER 24, 1925.

209,124. TALCUM, TOOTH PASTE, FACE POWDER, BATH SALTS, SACHET, TOOTH POWDER, ALMOND MEAL, TOILET CERATE, HEADACHE COLOGNE, SMELLING SALTS, VANISHING CREAM, COLD CREAM, PERFUMES, LIP ROUGE, BATH POWDER, TOILET WATER, SKIN AND TISSUE CREAM. RICHARD HUDNUT, New York, N. Y.
Filed October 15, 1925. Serial No. 221,746. PUBLISHED NOVEMBER 24, 1925.

209,125. COLORLESS BINDING AGENT FOR USE WITH PIGMENT FINISHES IN THE TANNING AND FINISHING OF LEATHER. AMERICAN LEATHER FINISH CO., Boston, Mass.
Filed October 16, 1925. Serial No. 221,797. PUBLISHED NOVEMBER 24, 1925.

209,126. PIGMENT FINISHES FOR COLORING AND FINISHING THE SURFACE OF LEATHER. AMERICAN LEATHER FINISH CO., Boston, Mass.
Filed October 16, 1925. Serial No. 221,798. PUBLISHED NOVEMBER 24, 1925.

209,127. MONTHLY MAGAZINE. WINSTON, INC., Chicago, Ill.
Filed August 27, 1925. Serial No. 219,466. PUBLISHED NOVEMBER 10, 1925.

209,128. WEEKLY PUBLICATION. RATON PUBLISHING CORPORATION, New York, N. Y.
Filed August 28, 1925. Serial No. 219,493. PUBLISHED NOVEMBER 10, 1925.

209,129. AGRICULTURAL JOURNAL ISSUED MONTHLY. THE CURTIS PUBLISHING COMPANY, Philadelphia, Pa.
Filed August 29, 1925. Serial No. 219,529. PUBLISHED NOVEMBER 10, 1925.

209,130. COAL. RAVEN RED ASH COAL CO., INC., Red Ash, Va.
Filed August 31, 1925. Serial No. 219,606. PUBLISHED NOVEMBER 10, 1925.

209,131. BOOK PAPER. STRATHMORE PAPER COMPANY, Mittineague, Mass.
Filed August 31, 1925. Serial No. 219,614. PUBLISHED NOVEMBER 3, 1925.

209,132. DAILY MAGAZINE. MACFADDEN PUBLICATIONS, INCORPORATED, New York, N. Y.
Filed September 1, 1925. Serial No. 219,635. PUBLISHED NOVEMBER 10, 1925.

209,133. POLISH FOR WINDSHIELDS, PAINTED SURFACES, METALS, AND KINDRED USES. BOLDUC BROS., Boston, Mass.
Filed October 6, 1925. Serial No. 221,300. PUBLISHED NOVEMBER 17, 1925.

209,134. MEN'S SUITS AND COATS. HART, SCHAFFNER & MARX, Chicago, Ill.
Filed October 5, 1925. Serial No. 221,255. PUBLISHED NOVEMBER 24, 1925.

209,135. MISSES' AND WOMEN'S CLOAKS, SUITS, AND DRESSES. BEAVER CLOAK & SUIT MANUFACTURING CO., Portland, Oreg.
Filed October 3, 1925. Serial No. 221,160. PUBLISHED NOVEMBER 24, 1925.

209,136. DRESS, NEGLIGEE, AND WORK SHIRTS; PYJAMAS, NIGHT SHIRTS, WOMEN'S SPORT BLOUSES, BOYS' SHIRTS AND BLOUSES. LESSER AND OPPENHEIMER INC., New York, N. Y.
Filed October 2, 1925. Serial No. 221,122. PUBLISHED NOVEMBER 24, 1925.

209,137. AUTO TOP DRESSING. JOHN M. CLAYTON, doing business as Red Seal Auto Top Dressing Co., Haverhill, Mass.
Filed October 1, 1925. Serial No. 221,049. PUBLISHED NOVEMBER 17, 1925.

209,138. OLIVE OIL. THEODORE SOUGLAS, New York, N. Y.
Filed September 29, 1925. Serial No. 220,973. PUBLISHED NOVEMBER 24, 1925.

209,139. TOILET SOAP AND SHAVING POWDER. KARLSRUHER PARFUMERIE- UND TOILETTESEIFEN-FABRIK F. WOLFF & SOHN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Karlsruhe, Germany.
Filed September 24, 1925. Serial No. 220,726. PUBLISHED NOVEMBER 17, 1925.

209,140. TOILET SOAP AND SHAVING POWDER. KARLSRUHER PARFUMERIE- UND TOILETTESEIFEN-FABRIK F. WOLFF & SOHN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Karlsruhe, Germany.
Filed September 24, 1925. Serial No. 220,725. PUBLISHED NOVEMBER 17, 1925.

209,141. TOILET SOAP AND SHAVING POWDER. KARLSRUHER PARFUMERIE- UND TOILETTESEIFEN-FABRIK F. WOLFF & SOHN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Karlsruhe, Germany.
Filed September 24, 1925. Serial No. 220,723. PUBLISHED NOVEMBER 17, 1925.

209,142. TOILET SOAP AND SHAVING POWDER. KARLSRUHER PARFUMERIE- UND TOILETTESEIFEN-FABRIK F. WOLFF & SOHN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Karlsruhe, Germany.
Filed September 24, 1925. Serial No. 220,722. PUBLISHED NOVEMBER 17, 1925.

209,143. TOILET SOAP AND SHAVING POWDER. KARLSRUHER PARFUMERIE- UND TOILETTESEIFEN-FABRIK F. WOLFF & SOHN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Karlsruhe, Germany.
Filed September 24, 1925. Serial No. 220,720. PUBLISHED NOVEMBER 17, 1925.

209,144. MONTHLY MAGAZINE. ARTHUR R. HARDING, Columbus, Ohio.
Filed September 21, 1925. Serial No. 220,529. PUBLISHED NOVEMBER 24, 1925.

209,145. TOILET SOAPS AND SHAVING CREAMS. CHERAMY, INC., New York, N. Y.
Filed September 19, 1925. Serial No. 220,446. PUBLISHED NOVEMBER 17, 1925.

209,146. TEXTILE FABRICS—NAMELY, SILK PIECE GOODS. SUSQUEHANNA SILK MILLS, New York, N. Y.
Filed September 17, 1925. Serial No. 220,375. PUBLISHED NOVEMBER 24, 1925.

209,147. TEXTILE FABRICS—NAMELY, SILK PIECE GOODS. SUSQUEHANNA SILK MILLS, New York, N. Y.
Filed September 17, 1925. Serial No. 220,374. PUBLISHED NOVEMBER 24, 1925.

209,148. TEXTILE FABRICS. SUSQUEHANNA SILK MILLS, New York, N. Y.
Filed September 17, 1925. Serial No. 220,373. PUBLISHED NOVEMBER 24, 1925.

209,149. LUBRICATING OILS AND GREASES—NAMELY, MOTOR OILS, DIESEL-ENGINE OILS, STEAM-CYLINDER OILS, #1 NEAT'S-FOOT OIL, ENGINE OILS, GRAPHITE GREASES, CUP GREASES, AND GEAR GREASES. PANTHER OIL & GREASE MFG. CO., Fort Worth, Tex.
Filed September 17, 1925. Serial No. 220,356. PUBLISHED NOVEMBER 17, 1925.

209,150. FOOD-FLAVORING EXTRACTS. PETER HABENSCHADEN, New York, N. Y.
Filed September 17, 1925. Serial No. 220,341. PUBLISHED NOVEMBER 24, 1925.

209,151. WALL SIZE. THE PATENT CEREALS COMPANY, Geneva, N. Y.
Filed September 14, 1925. Serial No. 220,249. PUBLISHED NOVEMBER 24, 1925.

209,152. CERTAIN COTTON GOODS, SILK GOODS, AND LINEN GOODS, ETC. JACOB MILLER'S SONS Co., Philadelphia, Pa.
Filed September 14, 1925. Serial No. 220,246. PUBLISHED NOVEMBER 24, 1925.

209,153. PREPARATION FOR COLDS, HEADACHES, AND NEURALGIA. BROMO-ASPIRIN CO., Wabash, Ind.
Filed September 12, 1925. Serial No. 220,176. PUBLISHED NOVEMBER 24, 1925.

209,154. BRICKS. CHAS. E. HOLLEY, doing business as Holley Realty Company, Bessemer, Ala.
Filed September 9, 1925. Serial No. 220,025. PUBLISHED NOVEMBER 17, 1925.

209,155. OVERALLS AND OVERALL JACKETS. ECKERLING BROTHERS, Chicago, Ill.
Filed September 8, 1925. Serial No. 219,951. PUBLISHED NOVEMBER 24, 1925.

209,156. WHITE SHELF PAPER SURFACE COATED ONE SIDE WITH CHINA CLAY AND CALENDERED TO GIVE IT A GLOSSY FINISH. THE APPLETON COATED PAPER COMPANY, Appleton, Wis.
Filed June 26, 1925. Serial No. 216,447. PUBLISHED NOVEMBER 17, 1925.

209,157. WOMEN'S KNITTED UNDERWEAR. R. H. MACY & CO., INC., New York, N. Y.
Filed June 25, 1925. Serial No. 216,418. PUBLISHED NOVEMBER 10, 1925.

209,158. SOAP. JAMES S. KIRK & COMPANY, Chicago, Ill., assignor to Guy E. Brignall, doing business as Lite Soap Company, Aurora, Ill.
Filed June 24, 1925. Serial No. 216,346. PUBLISHED OCTOBER 6, 1925.

209,159. SOAP POWDERS. SUN SOAP PRODUCTS, INCORPORATED, Staten Island, New York, N. Y.
Filed June 23, 1925. Serial No. 216,300. PUBLISHED NOVEMBER 10, 1925.

209,160. SHAMPOO SOAP BOTH IN SOLID AND LIQUID FORM. FRANK W. BARBER, Stockton, Calif.
Filed June 22, 1925. Serial No. 216,134. PUBLISHED NOVEMBER 10, 1925.

209,161. WOOLEN PIECE GOODS. CHARLES M. DE LAND, New York, N. Y.
Filed June 20, 1925. Serial No. 216,090. PUBLISHED NOVEMBER 24, 1925.

209,162. WHITE OR COLORED BOND WRITING PAPER COATED ON ONE SIDE IN WHITE OR COLORS. STANDARD PAPER MANUFACTURING CO., Richmond, Va.
Filed June 13, 1925. Serial No. 215,758. PUBLISHED NOVEMBER 10, 1925.

209,163. BOATS, CANOES, PADDLES, OARS, BOAT AND CANOE COVERS, BOAT AND CANOE CANOPIES, BOAT AND CANOE FLOOR RACKS, AND PADDLE RACKS. ST. LOUIS MERAMEC CANOE COMPANY, Valley Park, Mo.
Filed June 10, 1925. Serial No. 215,599. PUBLISHED NOVEMBER 10, 1925.

209,164. CANNED SAUERKRAUT. E. A. RANSING SONS, doing business as Lancaster Vinegar Co., Lancaster, Pa.
Filed June 2, 1925. Serial No. 215,220. PUBLISHED NOVEMBER 17, 1925.

209,165. MEN'S WEARING APPAREL—NAMELY, MEN'S AND BOYS' SUITS CONSISTING OF COAT, VEST, AND TROUSERS, KNICKERS, OVERCOATS, EVERYDAY SHIRTS, TIES, COLLARS, SWEATERS, MEN'S AND BOYS' HATS, MEN'S AND BOYS' CAPS, AND LEATHER SHOES. DESMOND CLOTHING COMPANY, Los Angeles, Calif.
Filed May 29, 1925. Serial No. 215,058. PUBLISHED NOVEMBER 17, 1925.

209,166. SILKS IN THE PIECE AND SILK MIXTURES IN THE PIECE. KRONE & JACOBSON, INC., New York, N. Y.
Filed May 27, 1925. Serial No. 214,965. PUBLISHED NOVEMBER 24, 1925.

209,167. LADIES' COATS, CLOAKS, WRAPS, CAPES, MANTLES, COATS AND SKIRTS, SUITS, DRESS AND COAT OUTFITS; COAT, SKIRT, AND JUMPER OUTFITS; AND LADIES' DRESSES, SKIRTS, AND JUMPERS. LANSDELL & WILLSON, LIMITED, London, England.
Filed May 25, 1925. Serial No. 214,876. PUBLISHED NOVEMBER 10, 1925.

209,168. CATALOGUE PUBLISHED PERIODICALLY. ILON AGE PUBLISHING COMPANY, New York, N. Y.
Filed May 16, 1925. Serial No. 214,421. PUBLISHED NOVEMBER 24, 1925.

209,169. RAINPROOF COATS, HATS, AND CAPS FOR MEN, WOMEN, AND CHILDREN; CAPES, JACKETS, BREECHES, AND LEGGINGS. WALLACE, SCOTT & CO., LIMITED, Cathcart, Glasgow, Scotland.
Filed May 11, 1925. Serial No. 214,193. PUBLISHED NOVEMBER 10, 1925.

209,170. BOW TIES. TOBIAS T. ROCHMAN, New York, N. Y.
Filed May 8, 1925. Serial No. 214,034. PUBLISHED NOVEMBER 24, 1925.

209,171. COTTON TABLECLOTHS, COTTON NAPKINS, COTTON TABLE RUNNERS, AND COTTON DOILIES. FEARING, WHITON & CO. INC., Boston, Mass.
Filed May 2, 1925. Serial No. 213,704. PUBLISHED NOVEMBER 24, 1925.

209,172. COAL, GAS, AND OIL BURNING STOVES, FURNACES, AND HEATERS FOR HEATING AND MECHANICAL DRAFT; FORGES; STEAM BOILERS, STEAM ENGINES, STEAM TRAPS, SEPARATORS, FURNACE DRAFT APPARATUS, VENTILATING FANS, VENTILATING APPARATUS; HEATING, VENTILATING, AND DRYING SYSTEMS; AND INTERCHANGERS AND ECONOMIZERS FOR EFFECTING TRANSFER OF HEAT. AMERICAN BLOWER COMPANY, Detroit, Mich.
Filed April 16, 1925. Serial No. 212,774. PUBLISHED NOVEMBER 10, 1925.

209,173. PIECE GOODS MADE OF SILK AND COTTON AND MIXTURES THEREOF. W. T. GRANT COMPANY, Lynn, Mass., and New York, N. Y.
Filed April 11, 1925. Serial No. 212,552. PUBLISHED NOVEMBER 24, 1925.

209,174. WOOLEN SWEATERS. FRANKLIN KNITTING MILLS, INC., New York, N. Y.
Filed April 10, 1925. Serial No. 212,489. PUBLISHED NOVEMBER 24, 1925.

209,175. SWEET MILK CHOCOLATE CUT IN FANCY SHAPES AND FIGURES. KNICKERBOCKER CHOCOLATE CO., New York, N. Y.
Filed March 11, 1925. Serial No. 210,847. PUBLISHED NOVEMBER 17, 1925.

209,176. MONTHLY MAGAZINE. THE PACIFIC BROTHERHOOD INVESTMENT COMPANY, Seattle, Wash.
Filed August 26, 1925. Serial No. 219,406. PUBLISHED NOVEMBER 10, 1925.

209,177. AWNINGS. COUCH BROS. MANUFACTURING CO., doing business as Atlanta Tent & Awning Company, East Point, Ga.
Filed August 26, 1925. Serial No. 219,382. PUBLISHED NOVEMBER 10, 1925.

209,178. TYPEWRITER PAPER. WILLIAM S. TUTTLE, doing business as Tuttle Law Print, Rutland, Vt.
Filed August 25, 1925. Serial No. 219,358. PUBLISHED NOVEMBER 3, 1925.

209,179. BOOK AND PRINTING PAPERS. BERMINGHAM & PROSSER CO., Kalamazoo, Mich.
Filed August 24, 1925. Serial No. 219,267. PUBLISHED NOVEMBER 3, 1925.

209,180. CEMENT AND PLASTER FOR BUILDING OR DECORATION. FRANCIS MULLIGAN, Belfast, Ireland.
Filed August 21, 1925. Serial No. 219,194. PUBLISHED NOVEMBER 3, 1925.

209,181. COMPOSITION CORK SHEETS AND BLOCKS, COVERINGS FOR TEXTILE ROLLS, AND SEALING DISKS FOR CLOSURES. THE CROWN CORK AND SEAL COMPANY OF BALTIMORE CITY, Baltimore, Md.
Filed August 19, 1925. Serial No. 219,062. PUBLISHED NOVEMBER 10, 1925.

209,182. ASPHALT, MIXTURES OF ASPHALT AND STONE, MIXTURES OF ASPHALT AND STONE AND EITHER OF THE FOLLOWING; HYDRAULIC CEMENT, HYDRATED LIME, PULVERIZED SLATE, BURNT PULVERIZED SHALE, OR BURNT PULVERIZED CLAY. JOHN D. FORRESTER, Kansas City, Mo., assignor to American Asphalt Company, Dallas, Tex.
Filed August 15, 1925. Serial No. 218,910. PUBLISHED NOVEMBER 17, 1925.

209,183. JAR CAPS OR CLOSURES. WILLIS J. PHELPS, doing business as Real Seal Co., Chicago, Ill.
Filed July 31, 1925. Serial No. 218,203. PUBLISHED NOVEMBER 10, 1925.

209,184. MONTHLY PUBLICATION. NEW FICTION PUBLISHING CORPORATION, New York, N. Y.
Filed July 31, 1925. Serial No. 218,197. PUBLISHED NOVEMBER 10, 1925.

209,185. MAGAZINE PUBLICATIONS. MACFADDEN PUBLICATIONS INCORPORATED, New York, N. Y.
Filed July 31, 1925. Serial No. 218,191. PUBLISHED NOVEMBER 3, 1925.

209,186. MULSIFIED ASPHALT FOR WATERPROOFING AND PROTECTIVE PURPOSES. THE BALDWIN-TARVIN COMPANY, Cincinnati, Ohio.
Filed July 31, 1925. Serial No. 218,156. PUBLISHED NOVEMBER 10, 1925.

209,187. CANDIES. BREED AND BREED, Winchester, Mass.
Filed July 14, 1925. Serial No. 217,321. PUBLISHED OCTOBER 27, 1925.

209,188. REENFORCED PAPER USED AS A BUILDING OR SHEATHING PAPER. AMERICAN REENFORCED PAPER COMPANY, Attleboro, Mass.
Filed July 8, 1925. Serial No. 216,810. PUBLISHED NOVEMBER 3, 1925.

209,189. COMPOSITION ROOFING, LUMBER, AND SHINGLES. WEST LUMBER COMPANY, Atlanta, Ga.
Filed July 2, 1925. Serial No. 216,808. PUBLISHED NOVEMBER 10, 1925.

209,190. WHITING, A CARBONATE OF LIME USED AS A FILLER IN THE MANUFACTURE OF RUBBER PRODUCTS. R. T. VANDERBILT COMPANY, INC., New York, N. Y.
Filed May 8, 1925. Serial No. 214,039. PUBLISHED NOVEMBER 3, 1925.

209,191. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, GRAPEFRUIT; AND FRESH DECIDUOUS FRUITS—NAMELY, PEARS, APRICOTS, FRESH GRAPES. MOUNTAIN VIEW FRUIT ASSOCIATION, Ontario, Calif.
Filed February 19, 1925. Serial No. 209,857. PUBLISHED JUNE 16, 1925.

209,192. PLASTER BASE, WALL BOARDS, AND SHEATHING. THE INSULITE CO., International Falls and Minneapolis, Minn.
Filed August 7, 1924. Serial No. 201,087. PUBLISHED NOVEMBER 3, 1925.

209,193. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGE SOLD AS A SOFT DRINK. CHAS. E. CULPEPER, New York, N. Y.
Filed March 14, 1924. Serial No. 198,759. PUBLISHED MAY 6, 1924.

209,194. MARMALADE AND FRUIT BUTTER. HAWAIIAN PINEAPPLE COMPANY, LTD., San Francisco, Calif., and Iwilei, Territory of Hawaii.
Filed October 30, 1923. Serial No. 187,677. PUBLISHED JUNE 3, 1924.

209,195. JAMS, JELLIES, FRUIT PRESERVES, FRUIT BUTTERS, AND MARMALADES. GEORGE S. MURPHY, INC., New York, N. Y.
Filed August 15, 1923. Serial No. 184,510. PUBLISHED JULY 8, 1924.

209,196. AUTOMOBILE TRUCKS. SIX WHEELS INCORPORATED, Los Angeles, Calif.
Filed September 22, 1925. Serial No. 220,622. PUBLISHED NOVEMBER 3, 1925.

209,197. FUEL BRIQUETS. NAVICOAL CORPORATION, Philadelphia, Pa.
Filed September 11, 1925. Serial No. 220,133. PUBLISHED NOVEMBER 3, 1925.

209,198. AUTOMOBILES. DIANA MOTORS COMPANY, St. Louis, Mo.
Filed September 8, 1925. Serial No. 219,947. PUBLISHED NOVEMBER 3, 1925.

209,199. IRONING BOARDS, MEDICINE CABINETS, FOLDING SEATS, FOLDING TABLES, AND OTHER BUILT-IN KITCHEN EQUIPMENT KNOWN AS BUILT-IN FIXTURES. BUILT-IN FIXTURES COMPANY, Berkeley, Calif.
Filed September 8, 1925. Serial No. 219,934. PUBLISHED NOVEMBER 3, 1925.

209,200. MATERIAL FOR TREATING HORIZONTAL CONCRETE SURFACES TO EXPOSE AGGREGATE THEREIN FOR BONDING PURPOSES. CONCRETE SURFACE CORPORATION, New York, N. Y.
Filed September 4, 1925. Serial No. 219,815. PUBLISHED NOVEMBER 3, 1925.

209,201. WALL BOARD, HEAT-INSULATING MATERIAL, COMPOSITION SHINGLES, FLOOR COVERINGS, AND BOX BOARD. L. R. SKOLNIK, doing business as Skolnik Manufacturing Co., Minneapolis, Minn.
Filed August 31, 1925. Serial No. 219,608. PUBLISHED NOVEMBER 3, 1925.

209,202. INSTANTANEOUS, AUTOMATIC GAS-FIRED WATER HEATERS. RUUD MANUFACTURING COMPANY, Pittsburgh, Pa.
Filed August 28, 1925. Serial No. 219,497. PUBLISHED NOVEMBER 3, 1925.

209,203. ELECTRICAL APPARATUS AND SUPPLIES AS FOLLOWS: BASES OR FRAMES FOR ELECTRIC BELLS, BINDING-POST CAPS; CAPS, SOCKETS, AND BASE PLATES FOR SWITCHES; PUSH BUTTONS, MOUTH PIECES FOR TELEPHONES, HANDLES FOR TELEPHONES, CASINGS FOR TELEPHONE RECEIVERS, ETC. RHEINISCH-WESTFALISCHE SPRENGSTOFF-ACTIEN-GESELLSCHAFT KOLN, Cologne, Germany.
Filed August 26, 1925. Serial No. 219,411. PUBLISHED NOVEMBER 3, 1925.

209,204. VERNIER DIALS FOR RADIO APPARATUS. MOHAWK ELECTRIC CORPORATION, Chicago, Ill.
Filed August 22, 1925. Serial No. 219,254. PUBLISHED NOVEMBER 3, 1925.

209,205. PREPARATION IN THE NATURE OF A CEMENT FOR COATING WALL BOARD, CONCRETE WALLS, BRICK WALLS, AND THE LIKE, OR WITH THE ADDITION OF FIBROUS MATTER AND SAND TO SERVE AS A SUBSTITUTE FOR MODELING CLAY, AND A WATERPROOFING PREPARATION FOR APPLICATION TO SURFACES EXPOSED TO THE WEATHER. LEWIS & FERRO, INC., New York, N. Y.
Filed August 22, 1925. Serial No. 219,252. PUBLISHED NOVEMBER 3, 1925.

209,206. FIXED AND VARIABLE CONDENSERS FOR RADIO RECEPTION DEVICES. THE PILOT ELECTRIC MANUFACTURING COMPANY, INC., Brooklyn, N. Y.
Filed August 12, 1925. Serial No. 218,776. PUBLISHED NOVEMBER 3, 1925.

209,207. ELECTRICAL SIGNAL AND TAIL LIGHTS FOR AUTOMOBILES. THE MORGAN MANUFACTURING COMPANY, INC., Keene, N. H.
Filed August 1, 1925. Serial No. 218,270. PUBLISHED NOVEMBER 3, 1925.

209,208. RADIO AERIALS. VAN WART & FOREMAN, Los Angeles, Calif.
Filed July 31, 1925. Serial No. 218,223. PUBLISHED NOVEMBER 3, 1925.

209,209. CANNED PEAS. OWEN CANNING COMPANY, Owen, Wis.
Filed July 31, 1925. Serial No. 218,201. PUBLISHED SEPTEMBER 15, 1925.

209,210. CABINET LOUD SPEAKERS, RADIO RECEIVING SETS, AND PARTS THEREOF. EDWARD ALFRED GRAHAM, doing business as Alfred Graham & Co., London, England.
Filed July 23, 1925. Serial No. 217,768. PUBLISHED NOVEMBER 3, 1925.

209,211. CANDY. SCHUTTER-JOHNSON CANDY CO., Chicago, Ill.
Filed January 26, 1924. Serial No. 191,349. PUBLISHED DECEMBER 15, 1925.

209,212. DAILY CONSTRUCTION NEWS BULLETIN. F. W. DODGE CORPORATION, New York, N. Y.
Filed August 25, 1925. Serial No. 219,326. PUBLISHED NOVEMBER 24, 1925.

209,213. LEATHER. CARL E. SCHMIDT AND COMPANY, INC., Detroit, Mich.
Filed August 21, 1925. Serial No. 219,206. PUBLISHED NOVEMBER 17, 1925.

209,214. COFFEE ROASTED, COFFEE GROUND, AND GREEN COFFEE. THE KONA COFFEE COMPANY, Honolulu, Territory of Hawaii.
Filed August 11, 1925. Serial No. 218,705. PUBLISHED NOVEMBER 17, 1925.

209,215. STUCCO AND PLASTER. THE FLINT-ROCK STUCCO COMPANY, Ingomar and Dayton, Ohio.
Filed July 27, 1925. Serial No. 217,926. PUBLISHED NOVEMBER 17, 1925.

209,216. DAILY NEWSPAPER. VANDERBILT NEWSPAPERS, INC., Miami, Fla.
Filed July 16, 1925. Serial No. 217,488. PUBLISHED NOVEMBER 24, 1925.

209,217. SUBLIMED NAPHTHALENE, CRUDE NAPHTHALENE, AND CREOSOTE OIL. CRETAIN-TEED PRODUCTS CORPORATION, New York, N. Y.
Filed July 16, 1925. Serial No. 217,450. PUBLISHED NOVEMBER 3, 1925.

209,218. ROUGH AND FINISHED LUMBER, WOOD SHINGLES, SASH, AND DOORS, CEMENT AND PLASTER AND WALL BOARD. E. K. WOOD LUMBER COMPANY, San Francisco, Calif.
Filed July 13, 1925. Serial No. 217,315. PUBLISHED NOVEMBER 3, 1925.

209,219. COTTON, LINEN, OR SILK TEXTILE FABRICS IN THE PIECE TREATED WITH RUBBER OR OTHER PROOFING MATERIAL. E. S. TWINING & COMPANY, New York, N. Y.
Filed July 10, 1925. Serial No. 217,191. PUBLISHED NOVEMBER 17, 1925.

209,220. FRESH DECIDUOUS FRUITS AND FRESH GRAPES. METTLER FRUIT CO., Shafter, Calif.
Filed July 6, 1925. Serial No. 216,922. PUBLISHED NOVEMBER 17, 1925.

209,221. DATES. THE DEGLET NOOR DATE GROWERS ASSOCIATION, Indio, Calif.
Filed July 6, 1925. Serial No. 216,886. PUBLISHED SEPTEMBER 15, 1925.

209,222. AIR BRAKES AND PARTS THEREOF FOR MOTOR-DRIVEN VEHICLES. SAFETY AIR BRAKE COMPANY, Philadelphia, Pa.
Filed June 13, 1925. Serial No. 215,766. PUBLISHED NOVEMBER 17, 1925.

209,223. WEARING APPAREL—NAMELY, MEN'S, WOMEN'S, BOYS', GIRLS', AND CHILDREN'S DRESS, NEGLIGEE, AND WORK SHIRTS AND BLOUSES. MARCUS BREIER'S SONS, New York, N. Y.
Filed May 29, 1925. Serial No. 215,045. PUBLISHED NOVEMBER 17, 1925.

209,224. CANNED FRUITS AND CANNED VEGETABLES. W. R. ROACH & CO., Grand Rapids, Mich.
Filed May 26, 1925. Serial No. 214,926. PUBLISHED JULY 14, 1925.

209,225. PORTLAND CEMENT. TEXAS PORTLAND CEMENT CO., Dallas, Tex.
Filed May 4, 1925. Serial No. 213,809. PUBLISHED NOVEMBER 17, 1925.

209,226. STORAGE BATTERIES. BILT WELL PRODUCTS CO., Bay City, Mich.
Filed February 26, 1925. Serial No. 210,158. PUBLISHED APRIL 28, 1925.

209,227. HEATERS, STOVES, AND RANGES IN WHICH COAL, GAS OR OTHER FUEL IS BURNED. SOUTHARD ROBERTSON COMPANY, Peekskill and New York, N. Y.
Filed November 28, 1924. Serial No. 205,961. PUBLISHED OCTOBER 27, 1925.

209,228. NUTS—NAMELY, ALMONDS, SALTED AND IN THEIR NATURAL STATE; CANDY; CONFECTIONS—NAMELY, CHOCOLATE-COATED ALMONDS. WILLIAM PRENTISS, Jr., doing business as California Almond Confections Company, Long Beach, Calif.
Filed July 26, 1924. Serial No. 200,580. PUBLISHED MARCH 24, 1925.

209,229. HOSIERY. NELSON KNITTING COMPANY, Rockford, Ill.
Filed June 28, 1924. Serial No. 199,295. PUBLISHED NOVEMBER 17, 1925.

209,230. HOSIERY. NELSON KNITTING COMPANY, Rockford, Ill.
Filed June 28, 1924. Serial No. 199,294. PUBLISHED NOVEMBER 17, 1925.

209,231. COFFEE (GROUND OR PULVERIZED). A. SCHILLING & CO., San Francisco, Calif.
Filed December 22, 1922. Serial No. 173,728. PUBLISHED NOVEMBER 17, 1925.

209,232. PAPER IMPREGNATED AND COATED WITH MATERIALS OF NONSTICKING QUALITIES FOR HANDLING UNCURED RUBBER. THE CLEVELAND LINER & MANUFACTURING CO., Cleveland, Ohio.
Filed August 13, 1925. Serial No. 218,796. PUBLISHED NOVEMBER 17, 1925.

209,233. CLEANSING COMPOUND FOR GENERAL HOUSEHOLD PURPOSES FOR CLEANSING FURNITURE, WOODWORK, WALLS, FLOORS, TILE, MARBLE, CARPET, COOKING UTENSILS, AND FOR AUTOMOBILES AND FABRICS. SEABOARD CRYSTAL COMPANY, New York, N. Y.
Filed August 8, 1925. Serial No. 218,577. PUBLISHED NOVEMBER 17, 1925.

209,234. PETROLEUM AND PRODUCTS OF PETROLEUM WITH OR WITHOUT ADMIXTURES OF OTHER MATERIALS FOR ILLUMINATING, HEATING, POWER, BURNING, LUBRICATING, GREASING, SOLVENT, SEALING, WAXING, WATERPROOFING, COATING, RUST PREVENTING, SURFACE PRESERVING, AND TEMPERING. STANDARD OIL COMPANY OF NEW YORK, New York, N. Y.
Filed August 6, 1925. Serial No. 218,506. PUBLISHED NOVEMBER 24, 1925.

209,235. LADIES' UNDERWEAR OF KNITTED FABRIC AND SCARFS. TRAYLANCE MFG. & IMPORTING CO., INC., New York, N. Y.
Filed August 5, 1925. Serial No. 218,437. PUBLISHED NOVEMBER 10, 1925.

209,236. BANK CHECKS AND DEPOSIT BOOKS. MORRIS HARRIS, Los Angeles, Calif.
Filed August 5, 1925. Serial No. 218,411. PUBLISHED NOVEMBER 24, 1925.

209,237. LABELS AND TAGS FOR ARTICLES OF MANUFACTURE MADE FROM HUDSON-SEAL TEXTILES. THE HIND & HARRISON PLUSH COMPANY, Clark Mills and New York, N. Y.
Filed July 30, 1925. Serial No. 218,121. PUBLISHED NOVEMBER 17, 1925.

209,238. CONDENSATION PRODUCTS OF PHENOLS AND FORMALDEHYDE. REDMANOL CHEMICAL PRODUCTS COMPANY, Chicago, Ill.
Filed July 29, 1925. Serial No. 218,086. PUBLISHED OCTOBER 6, 1925.

209,239. BUFFING WHEELS. PETERS MANUFACTURING COMPANY, Quincy, Mass.
Filed July 25, 1925. Serial No. 217,896. PUBLISHED NOVEMBER 3, 1925.

209,240. WASHING FLUID. LOUIS FAJOLO, doing business as Milan Cleanser Company, Cleveland, Ohio.
Filed July 25, 1925. Serial No. 217,870. PUBLISHED NOVEMBER 10, 1925.

209,241. FUR GARMENTS—VIZ, FUR CAPES, FUR WRAPS, FUR SCARFS, FUR MUFFS, AND MEN'S, WOMEN'S, AND CHILDREN'S FUR COATS AND HATS. H. JAECKEL & SONS, INC., New York, N. Y.
Filed July 21, 1925. Serial No. 217,673. PUBLISHED NOVEMBER 10, 1925.

209,242. OVERALLS, JACKETS, PANTS, VESTS, WORK SHIRTS, SUITS, COATS, JUMPERS, UNIONALLS, COVERALLS, AND PLAY SUITS FOR MEN OR CHILDREN. THE E. V. BENJAMIN COMPANY, INC., doing business as Maginnis Cotton Mills, New Orleans, La.
Filed July 20, 1925. Serial No. 217,600. PUBLISHED NOVEMBER 10, 1925.

209,243. RADIO RECEIVING SETS AND PARTS THEREOF. JAMES J. MCCOY, Jr., New York, N. Y.
Filed July 17, 1925. Serial No. 217,524. PUBLISHED NOVEMBER 3, 1925.

209,244. PRINTED STATIONERY—NAMELY, WEDDING INVITATIONS, WEDDING ANNOUNCEMENTS, PARTY AND COMMERCIAL INVITATIONS AND ANNOUNCEMENTS, BUSINESS CARDS, SYMPATHY CARDS, GREETING CARDS, BIRTH ANNOUNCEMENTS, BETROTHAL ANNOUNCEMENTS; CLUB, SOCIAL, AND FRATERNAL ANNOUNCEMENTS AND INVITATIONS; VISITING CARDS, AT HOME AND RECEPTION CARDS, AND ALL OTHER FORMS OF COMPLETELY-PRINTED SOCIAL AND BUSINESS STATIONERY. CHARLES R. MYERS, Sebastopol, Calif.
Filed July 15, 1925. Serial No. 217,410. PUBLISHED NOVEMBER 10, 1925.

209,245. BOYS' SUITS. SCHNEIDER & HOFFENBERG, New York, N. Y.
Filed July 13, 1925. Serial No. 217,298. PUBLISHED NOVEMBER 10, 1925.

209,246. PAINT FOR USE ESPECIALLY ON AUTOMOBILE TOPS. NEVER LEAK RUBBER PAINT COMPANY, Shreveport, La.
Filed July 11, 1925. Serial No. 217,229. PUBLISHED NOVEMBER 17, 1925.

209,247. CLEANING COMPOUND FOR FABRIC AND LEATHER. LEWIS W. GIBSON, doing business as Gibson Mfg. Co., Philadelphia, Pa.
Filed July 11, 1925. Serial No. 217,222. PUBLISHED NOVEMBER 10, 1925.

209,248. GASOLINE. WILLIAM FREDERICK CARVELL, Wilmington, Del.
Filed July 11, 1925. Serial No. 217,208. PUBLISHED NOVEMBER 17, 1925.

209,249. SOAP AND SCOURING POWDER. HASHMESH INC., New York, N. Y.
Filed July 7, 1925. Serial No. 216,978. PUBLISHED NOVEMBER 3, 1925.

209,250. MONTHLY MAGAZINE. FREEMAN-SMART COMPANY, Chicago, Ill.
Filed June 27, 1925. Serial No. 216,863. PUBLISHED NOVEMBER 3, 1925.

209,251. LADIES', MISSES', JUNIORS', AND GIRLS' COATS AND WRAPS. HARRY KITZINGER, doing business as Harry Kitzinger & Company, New York, N. Y.
Filed July 3, 1925. Serial No. 216,839. PUBLISHED NOVEMBER 24, 1925.

209,252. MONTHLY PERIODICALS. THE AMERICAN CRAYON COMPANY, Sandusky, Ohio.
Filed September 18, 1925. Serial No. 220,389. PUBLISHED NOVEMBER 24, 1925.

209,253. WHITE SAND. DEL MONTE PROPERTIES COMPANY, San Francisco, Calif.
Filed September 17, 1925. Serial No. 220,386. PUBLISHED NOVEMBER 24, 1925.

209,254. POULTRY FEED. THE LARROWE MILLING COMPANY, Detroit, Mich.
Filed September 12, 1925. Serial No. 220,197. PUBLISHED NOVEMBER 24, 1925.

209,255. WASHING POWDER. VINCENT B. VAN TILBURG, doing business as Van Tilburg Oil & Supply Co., Minneapolis, Minn.
Filed September 8, 1925. Serial No. 220,002. PUBLISHED NOVEMBER 10, 1925.

209,256. BIMONTHLY PUBLICATION. THE CONDÉ NAST PUBLICATIONS, INC., New York, N. Y.
Filed September 8, 1925. Serial No. 219,945. PUBLISHED NOVEMBER 24, 1925.

209,257. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. DUARTE-MONROVIA CITRUS ASSOCIATION, Duarte, Calif.
Filed September 4, 1925. Serial No. 219,819. PUBLISHED NOVEMBER 17, 1925.

209,258. LINEN NETTING, SEA-ISLAND-COTTON GILL NETTING, COTTON GILL NETTING, AND COTTON NETTING (ALL USED FOR FISHING) AND ALL KINDS OF TWINE USED FOR FISHING. NATIONAL NET & TWINE CO., INC., East Haddam, Conn.
Filed September 3, 1925. Serial No. 219,756. PUBLISHED NOVEMBER 10, 1925.

209,259. SCOURING CLOTHS. METAL TEXTILE CORPORATION, West Orange, N. J.
Filed September 3, 1925. Serial No. 219,753. PUBLISHED NOVEMBER 3, 1925.

209,260. PUBLICATIONS ISSUED FROM TIME TO TIME. WALTER J. KENNEDY, doing business as W. J. Kennedy Publishing Co., New York, N. Y.
Filed September 2, 1925. Serial No. 219,670. PUBLISHED NOVEMBER 24, 1925.

209,261. NOM DE PLUME FOR A PARTICULAR COLUMN OF NEWS IN NEWSPAPER. MORNING TELEGRAPH COMPANY, New York, N. Y.
Filed August 29, 1925. Serial No. 219,548. PUBLISHED NOVEMBER 24, 1925.

209,262. NOM DE PLUME FOR PARTICULAR COLUMN OF NEWS IN NEWSPAPER. MORNING TELEGRAPH COMPANY, New York, N. Y.
Filed August 29, 1925. Serial No. 219,544. PUBLISHED NOVEMBER 24, 1925.

209,263. CLEANING FLUID USED AS A DRY CLEANER. JOSEPH A. BUTTNY, doing business as Capitol Chemical Company, Chicago, Ill.
Filed August 29, 1925. Serial No. 219,527. PUBLISHED NOVEMBER 10, 1925.

209,264. UNDERWEAR OF KNITTED AND TEXTILE FABRIC. CLUETT, PEABODY & CO. INC., Troy, N. Y.
Filed August 28, 1925. Serial No. 219,474. PUBLISHED NOVEMBER 10, 1925.

209,265. JUNIOR MISSES' COATS. SIEGEL BROTHERS & BURNSTINE, New York, N. Y.
Filed August 27, 1925. Serial No. 219,458. PUBLISHED NOVEMBER 10, 1925.

209,266. HOSIERY. THE WILLIAM HENOMER COMPANY, Buffalo, N. Y.
Filed August 27, 1925. Serial No. 219,429. PUBLISHED NOVEMBER 10, 1925.

209,267. MEN'S AND BOYS' WEARING APPAREL—NAMELY, OVERALLS, PANTS, MACKINAWS, AND COATS; DRESS, NEGLIGEE, AND WORK SHIRTS; ATHLETIC UNDERWEAR OF TEXTILE FABRIC; PYJAMAS, AND NIGHTGOWNS. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo.
Filed August 24, 1925. Serial No. 219,306. PUBLISHED NOVEMBER 17, 1925.

209,268. GREETING AND ANNOUNCEMENT CARDS. OLD COLONY ENVELOPE COMPANY, Westfield, Mass.
Filed August 21, 1925. Serial No. 219,196. PUBLISHED NOVEMBER 10, 1925.

209,269. PAPER NAPKINS. ECONOMY SERVICE CORPORATION, Chicago, Ill.
Filed August 21, 1925. Serial No. 219,171. PUBLISHED NOVEMBER 24, 1925.

209,270. PROPHYLACTIC TISSUE PAPER. CONTINENTAL PAPER & BAG MILLS CORPORATION, New York, N. Y.
Filed August 21, 1925. Serial No. 219,168. PUBLISHED NOVEMBER 10, 1925.

209,271. LAUNDRY AND CLEANING COMPOSITION. C & B PRODUCTS CO., Woodbury, N. J.
Filed August 19, 1925. Serial No. 219,057. PUBLISHED NOVEMBER 3, 1925.

209,272. BOOK PAPER, LABEL PAPER, LITHOGRAPHING PAPER, AND BOND PAPER. WALTER W. BAILEY, doing business as Bailey Paper Company, New York, N. Y.
Filed September 22, 1925. Serial No. 220,590. PUBLISHED NOVEMBER 3, 1925.

209,273. BOOK PAPER. WALTER W. BAILEY, doing business as Bailey Paper Company, New York, N. Y.
Filed September 22, 1925. Serial No. 220,589. PUBLISHED NOVEMBER 3, 1925.

209,274. FOUNTAIN PENS AND PENCILS. THE MOORE PEN COMPANY, Boston, Mass.
Filed September 21, 1925. Serial No. 220,559. PUBLISHED NOVEMBER 3, 1925.

209,275. CRÊPED OR CRINKLED PAPER STOCK. ANGIER CORPORATION, Framingham, Mass.
Filed September 15, 1925. Serial No. 220,283. PUBLISHED NOVEMBER 3, 1925.

209,276. NEWSPAPER FEATURE ARTICLES. FAMOUS FEATURES SYNDICATE, INC., New York, N. Y.
Filed September 14, 1925. Serial No. 220,223. PUBLISHED NOVEMBER 10, 1925.

209,277. BUMPERS. THE C. G. SPRING AND BUMPER COMPANY, Detroit, Mich.
Filed September 12, 1925. Serial No. 220,206. PUBLISHED NOVEMBER 10, 1925.

209,278. MONTHLY PUBLICATION. NATIONAL ASSOCIATION OF INVENTORS, Seattle, Wash.
Filed September 8, 1925. Serial No. 219,980. PUBLISHED NOVEMBER 10, 1925.

209,279. WRAPPING PAPER. GRAHAM PAPER COMPANY, St. Louis, Mo.
Filed September 8, 1925. Serial No. 219,959. PUBLISHED NOVEMBER 3, 1925.

209,280. SEMIANNUAL PUBLICATIONS. THE READY REFERENCE PUBLISHING CO. INC., New York, N. Y.
Filed September 4, 1925. Serial No. 219,843. PUBLISHED NOVEMBER 10, 1925.

209,281. MAGAZINE PUBLISHED WEEKLY. S. L. ORWALL, doing business as Mutual Benefit Health & Accident Association, Chicago, Ill.
Filed September 4, 1925. Serial No. 219,836. PUBLISHED NOVEMBER 10, 1925.

209,282. COLORED LEATHER—VIZ, CALF'S, CHEVEREL, SEALION, KID, CROCODILE, AND LIZARD SKINS. J. H. EPSTEIN A. G., Niederrad, Frankfort, Germany.
Filed September 4, 1925. Serial No. 219,822. PUBLISHED NOVEMBER 10, 1925.

209,283. BINDERS OR FILES. MODERN OFFICE DEVICES, INC., New York, N. Y.
Filed September 3, 1925. Serial No. 219,755. PUBLISHED NOVEMBER 3, 1925.

209,284. TOILET PAPER AND PAPER TOWELS. WYOMING VALLEY PAPER MILL, Northumberland, N. H., and New York, N. Y.
Filed September 2, 1925. Serial No. 219,706. PUBLISHED NOVEMBER 3, 1925.

209,285. MONTHLY MAGAZINE. UNITED TRADE PUBLISHING COMPANY, Chicago, Ill.
Filed September 2, 1925. Serial No. 219,702. PUBLISHED NOVEMBER 10, 1925.

209,286. VENTILATING UNITS COMPRISING A CABINET CONTAINING A RADIATOR AND AIR-CIRCULATING DEVICES. UNIT VENTILATION CO. INC., College Point, N. Y.
Filed September 2, 1925. Serial No. 219,701. PUBLISHED NOVEMBER 10, 1925.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

209,287. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) ALASKA SILVER FOX & FUR FARMS CO., Lake Placid, N. Y. Filed Nov. 3, 1925. Serial No. 222,722.

STERLING SILVER FOXES

Particular description of goods.—Silver Foxes.
Claims use since November, 1922.

209,288. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) NATIONAL PERMANENT DECORATING COMPANY, Mason City, Iowa. Filed Apr. 28, 1925. Serial No. 218,451.

SEALD-TITE

Particular description of goods.—Men's, Women's, and Boys' Handkerchiefs Put Up in Sanitary Sealed Packages.
Claims use since Jan. 1, 1925.

209,289. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MCLAUGHLIN GORMLEY KING CO., Minneapolis, Minn. Filed July 31, 1925. Serial No. 218,192.

Hi-Grade

Particular description of goods.—Camphorated Oil, Rochelle Salt, Epsom Salt, Olive Oil for Medicinal Purposes, Sweet Spirit of Niter, Spirit of Camphor, Aromatic Spirit of Ammonia, Mineral Oil for Medicinal Purposes, Cod-Liver Oil, Castor Oil, Glycerin, Glycerin and Rose Water, Tincture Jamaica Ginger, Tincture of Iodine, Liquefied Carbolic Acid, Imported Bay Rum, Extract of Witch-Hazel, Tincture of Arnica, Essence of Peppermint, Saltpeter, Potassium Permanganate, Sabadilla, Sage for Medicinal Purposes, Orris Root, Fuller's Earth for Medicinal Purposes, Alum, Salicylic Acid, Cream of Tartar, Copperas, Compound Licorice Powder, Blue Vitriol, Drop Chalk, Oxalic Acid, Boric Acid, Sodium Bicarbonate, Borax, Camomile German, Sodium Fluorid, Henna Leaves, Senna Leaves, Sulphur, Ceylon Cinnamon Bark, Sassafras Bark, Flaxseed Whole, Flaxseed Meal, Black Mustard for Medicinal Purposes, White Hellebore, Fly Killer and Household Insecticide, Moth Balls.
Claims use since Dec. 5, 1924.

209,290. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BRAKE RENEW PRODUCTS CO., Los Angeles, Calif. Filed Aug. 17, 1925. Serial No. 218,948.

BRAKE/RENEW

Particular description of goods.—Preparation Used for Loosening Rusty Nuts and Sticky Valves.
Claims use since May 1, 1924.

209,291. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SCHOLL MANUFACTURING COMPANY, INC., Chicago, Ill. Filed Nov. 13, 1925. Serial No. 223,258.

Dr Scholl's "2" Drop

Particular description of goods.—Preparation for the Treatment of Hard or Soft Corns or Calli.
Claims use since 1917.

209,292. (CLASS 31. FILTERS AND REFRIGERATORS.) COPELAND PRODUCTS, INC., Detroit, Mich. Filed Nov. 25, 1925. Serial No. 223,837.

Copeland

Particular description of goods.—Iceless Refrigeration Systems.
Claims use since Jan. 12, 1923.

209,293. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THEODORE A. WEMETT, Troy, N. Y. Filed Dec. 2, 1925. Serial No. 224,124.

WEMETT'S SALVE

Particular description of goods.—Preparations for the Treatment of Corns and Calli.
Claims use since Aug. 1, 1921.

209,294. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WM. PETERMAN, INC., Passaic, N. J., and New York, N. Y. Filed Dec. 10, 1925. Serial No. 224,529.

Peterman's ANT FOOD

Particular description of goods.—Insecticide.
Claims use since about 1898.

209,295. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WM. PETERMAN, INC., Passaic, N. J., and New York, N. Y. Filed Dec. 10, 1925. Serial No. 224,530.

Peterman's MOTH FOOD

Particular description of goods.—Insecticide.
Claims use since about 1910.

209,296. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WM. H. LUDEN, INC., Reading, Pa. Filed Jan. 2, 1926. Serial No. 225,434.

LUDEN'S COUGH DROPS

Particular description of goods.—Medicated Cough Drops.
Claims use since 1900.

TRADE-MARK REGISTRATIONS RENEWED

44,765. DEVILED ENTREMETS. Registered July 25, 1905. WILLIAM UNDERWOOD CO. Renewed July 25, 1925, to William Underwood Company, Boston, Mass., assignee.

45,243. GUNS AND PARTS THEREOF. Registered August 8, 1905. THE HUNTER ARMS CO. Renewed August 8, 1925, to Hunter Arms Co. Inc., Fulton, N. Y., a Corporation of New York, successor.

45,245. GUNS AND PARTS THEREOF. Registered August 8, 1905. THE HUNTER ARMS CO. Renewed August 8, 1925, to Hunter Arms Co. Inc., Fulton, N. Y., a Corporation of New York, successor.

45,246. GUNS AND PARTS THEREOF. Registered August 8, 1905. THE HUNTER ARMS CO. Renewed August 8, 1925, to Hunter Arms Co. Inc., Fulton, N. Y., a Corporation of New York, successor.

45,247. GUNS AND PARTS THEREOF. Registered August 8, 1905. THE HUNTER ARMS CO. Renewed August 8, 1925, to Hunter Arms Co. Inc., Fulton, N. Y., a Corporation of New York, successor.

45,248. GUNS AND PARTS THEREOF. Registered August 8, 1905. THE HUNTER ARMS CO. Renewed August 8, 1925, to Hunter Arms Co. Inc., Fulton, N. Y., a Corporation of New York, successor.

45,386. GUNS AND PARTS THEREOF. Registered August 15, 1905. THE HUNTER ARMS CO. Renewed August 15, 1925, to Hunter Arms Co. Inc., Fulton, N. Y., a Corporation of New York, sucessor.

45,488. GUNS AND PARTS THEREOF. Registered August 22, 1905. THE HUNTER ARMS CO. Renewed August 22, 1925, to Hunter Arms Co. Inc., Fulton, N. Y., a Corporation of New York, sucessor.

48,086. MATTRESSES. Registered December 12, 1905. TOM B. BURNETT, Dallas, Tex. Renewed December 12, 1925.

48,346. PULP. Registered December 26, 1905. INTERNATIONAL PULP CO., New York, N. Y., a Corporation of New York. Renewed December 26, 1925.

48,425. A LINIMENT. Registered December 26, 1905. CLARK STANLEY. Renewed December 26, 1925, to Clark Stanley Snake Oil Liniment Company, Providence, R. I., successor.

48,484. COTTON PIECE GOODS. Registered January 2, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed January 2, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

48,503. COTTON PIECE GOODS. Registered January 2, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed January 2, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

48,527. KNIVES, FORKS, AND SPOONS WHICH ARE MADE OF STEEL AND TINNED. Registered January 2, 1906. R. WALLACE & SONS MFG. CO., Wallingford, Conn., a Corporation of Connecticut. Renewed January 2, 1926.

48,598. RUBBER OVERSHOES. Registered January 2, 1906. THE ADAMS AND FORD COMPANY, Cleveland, Ohio. Renewed January 2, 1926, to United States Rubber Company, New Brunswick, N. J., and New York, N. Y., a Corporation of New Jersey, assignee.

48,628. LEATHER POLISH. Registered January 9, 1906. WHITTEMORE BROTHERS AND COMPANY. Renewed January 9, 1926, to Whittemore Bros. Corp., Cambridge, Mass., a Corporation of Massachusetts, assignee.

48,639. COTTON PIECE GOODS. Registered January 9, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed January 9, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts, assignee.

48,656. FABRIC HOSE. Registered January 9, 1906. EUREKA FIRE HOSE COMPANY, Jersey City, N. J. Renewed January 9, 1926, to Eureka Fire Hose Manufacturing Company, Jersey City, N. J., and New York, N. Y., a Corporation of New York, assignee.

48,670. UPRIGHT PIANOS. Registered January 9, 1906. THE JOHN CHURCH COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed January 9, 1926.

48,775. MAINSPRINGS FOR WATCHES. Registered January 16, 1906. AMERICAN WALTHAM WATCH CO., Waltham, Mass. Renewed January 16, 1926, to Waltham Watch Company, Waltham and Boston, Mass., a Corporation of Massachusetts, assignee.

48,838. BOYS' LEATHER BOOTS AND SHOES. Registered January 16, 1906. WHITNEY, WARREN & CO. Renewed January 16, 1926, to The Whitney-Roth Shoe Co., Cleveland, Ohio, a Corporation of Ohio, assignee.

48,905. SALVE. Registered January 16, 1906. AID-ANT REMEDY CO., Concord, N. H. Renewed January 16, 1926.

48,908. BUTTERINE OR OLEOMARGARINE. Registered January 16, 1906. BRAUN & FITTS, INC. Renewed January 16, 1926, to John F. Jelke Company, Chicago, Ill., a Corporation of Illinois, successor.

48,980. BUTTERINE OR OLEOMARGARINE. Registered January 16, 1906. BRAUN & FITTS, INC. Renewed January 16, 1926, to John F. Jelke Company, Chicago, Ill., a Corporation of Illinois, successor.

49,077. COTTON PIECE GOODS. Registered January 23, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed January 23, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

49,211. COTTON PIECE GOODS. Registered January 23, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed January 23, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

49,212. COTTON PIECE GOODS. Registered January 30, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed January 30, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

49,232. PLOWS, LISTERS, AND HARROWS. Registered January 30, 1906. EMERSON MANUFACTURING CO. Renewed January 30, 1926, to Emerson-Brantingham Company, Rockford, Ill., a Corporation of Illinois, assignee.

49,265. PREPARATIONS FOR COLORING BUTTER. Registered January 30, 1906. WELLS & RICHARDSON COMPANY. Renewed January 30, 1926, to Wells & Richardson Company, Incorporated, Burlington, Vt., a Corporation of Vermont, assignee.

49,288. COTTON PIECE GOODS. Registered January 30, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed January 30, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

49,440. DRILLINGS AND SHEETINGS. Registered February 6, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed February 6, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

49,503. A WEEKLY NEWSPAPER. Registered February 6, 1906. W. C. & F. P. Church, Incorporated, New York, N. Y. Renewed February 6, 1926, to Army & Navy Journal, Incorporated, Washington, D. C., a Corporation of Delaware, assignee.

49,606. CARTRIDGES AND CARTRIDGE SHELLS. Registered February 13, 1906. THE UNION METALLIC CARTRIDGE COMPANY, Bridgeport, Conn., and New York, N. Y. Renewed February 13, 1926, to Remington Arms Company, Inc., Bridgeport, Conn., and Ilion and New York, N. Y., a Corporation of Delaware, assignee.

49,610. CARTRIDGES AND CARTRIDGE SHELLS. Registered February 13, 1906. THE UNION METALLIC CARTRIDGE COMPANY, Bridgeport, Conn., and New York, N. Y. Renewed February 13, 1926, to Remington Arms Company, Inc., Bridgeport, Conn., and Ilion and New York, N. Y., a Corporation of Delaware, assignee.

49,611. CARTRIDGES AND METAL AND PAPER CARTRIDGE SHELLS. Registered February 13, 1906. THE UNION METALLIC CARTRIDGE COMPANY, Bridgeport, Conn. Renewed February 13, 1926, to Remington Arms Company, Inc., Bridgeport, Conn., and Ilion and New York, N. Y., a Corporation of Delaware, assignee.

49,614. CARTRIDGES AND CARTRIDGE SHELLS. Registered February 13, 1906. THE UNION METALLIC CARTRIDGE COMPANY, Bridgeport, Conn. Renewed February 13, 1926, to Remington Arms Company, Inc., Bridgeport, Conn., and Ilion and New York, N. Y., a Corporation of Delaware, assignee.

49,616. GUN AND PISTOL CARTRIDGES AND PARTS THEREOF. Registered February 13, 1906. THE UNION METALLIC CARTRIDGE COMPANY, Bridgeport, Conn. Renewed February 13, 1926, to Remington Arms Company, Inc., Bridgeport, Conn., and Ilion and New York, N. Y., a Corporation of Delaware, assignee.

49,650. CANNED FRUITS AND VEGETABLES. Registered February 13, 1906. FRANK C. WEBER AND CO. Renewed February 13, 1926, to Frank C. Weber & Company, Chicago, Ill., a Corporation of Illinois.

49,712. DRESS, BOSOM, AND NEGLIGEE SHIRTS. Registered February 13, 1906. HOWE & HOWE, Boston, Mass. Renewed February 13, 1926.

49,718. COTTON PIECE GOODS. Registered February 13, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed February 13, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

49,719. COTTON PIECE GOODS. Registered February 13, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed February 13, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

49,720. COTTON PIECE GOODS. Registered February 13, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed February 13, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

49,761. BUTTERINE. Registered February 13, 1906. BRAUN & FITTS, INC. Renewed February 13, 1926, to John F. Jelke Company, Chicago, Ill., a Corporation of Illinois, successor.

49,948. HOSE PIPES, NOZZLES, GATES, AND COUPLINGS. Registered February 27, 1906. EUREKA FIRE HOSE COMPANY, Jersey City, N. J. Renewed February 27, 1926, to Eureka Fire Hose Manufacturing Company, Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey, assignee.

49,950. NONFERROUS ALLOYS. Registered February 27, 1906. LUMEN BEARING COMPANY, Buffalo, N. Y., a Corporation of New York. Renewed February 27, 1926.

50,096. WINE. Registered March 6, 1906. ITALIAN SWISS COLONY. Renewed March 6, 1926, to California Wine Association, San Francisco, Calif., a Corporation of California, successor.

50,097. WINE. Registered March 6, 1906. ITALIAN SWISS COLONY. Renewed March 6, 1926, to California Wine Association, San Francisco, Calif., a Corporation of California, successor.

50,443. CAR COUPLINGS, CAR BUFFERS, AND DRAFT GEARS, AND PARTS THEREOF. Registered March 20, 1906. GOULD COUPLER CO. Renewed March 20, 1926, to The Gould Coupler Company, New York, N. Y., a Corporation of Maryland, assignee, by mesne assignments.

50,455. COFFEE. Registered March 20, 1906. ARBUCKLE BROS. Renewed Mar. 20, 1926, to Arbuckle Brothers, New York, N. Y.; Pittsburgh, Pa.; and Chicago, Ill.

50,534. MEDICINAL SOAP. Registered March 20, 1906. BARCLAY & BARCLAY. Renewed March 20, 1926, to Barclay & Co., New York, N. Y., a Corporation of Delaware, assignee.

50,616. BAKING POWDER. Registered March 27, 1906. JACK FROST BAKING POWDER CO., St. Louis, Mo. Renewed March 27, 1926, to F. B. Chamberlain Company, East St. Louis, Ill., and St. Louis, Mo., a Corporation of Illinois, assignee.

50,640. SAWS. Registered March 27, 1906. GEORGE NATHAN CLEMSON. Renewed March 27, 1926, to Clemson Bros., Inc., Middletown, N. Y., a Corporation of New York, assignee.

50,791. A REMEDY FOR CROUP AND COLDS. Registered March 27, 1906. ROBERT P. MENARD, Macon, Ga. Renewed March 27, 1926.

50,851. LUBRICATING OILS. Registered April 3, 1906. CREW LEVICK CO. Renewed April 3, 1926, to Crew Levick Company, Philadelphia, Pa., a Corporation of Pennsylvania, successor.

51,119. BUTTERINE OR OLEOMARGARINE. Registered April 3, 1906. BRAUN & FITTS, INC. Renewed April 3, 1926, to John F. Jelke Company, Chicago, Ill., a Corporation of Illinois, successor.

51,154. OVERALLS, COATS, AND TROUSERS. Registered April 3, 1906. RED DIAMOND CLOTHING CO., St. Louis, Mo., a Corporation of Missouri. Renewed April 3, 1926.

51,204. BELT DRESSINGS. Registered April 10, 1906. BLACK DIAMOND MANUFACTURING COMPANY. Renewed April 10, 1926, to Black Diamond Mfg. Company, Cincinnati, Ohio.

51,205. BELT DRESSINGS. Registered April 10, 1906. BLACK DIAMOND MANUFACTURING COMPANY. Renewed April 10, 1926, to Black Diamond Mfg. Company, Cincinnati, Ohio.

51,358. REMEDY FOR CERTAIN NAMED DISEASES. Registered April 10, 1906. R. SCHIFFMANN COMPANY, St. Paul, Minn. Renewed April 10, 1926, to R. Schiffmann Company, Los Angeles, Calif., a Corporation of Minnesota.

51,431. LOZENGES. Registered April 17, 1906. A. SLAUSON & Co. Renewed April 17, 1926, to Hawley & Hoops, New York, N. Y., successor.

51,432. LOZENGES. Registered Apr. 17, 1906. A. SLAUSON & Co. Renewed April 17, 1926, to Hawley & Hoops, New York, N. Y., successors.

51,433. LOZENGES. Registered April 17, 1906. A. SLAUSON & Co. Renewed April 17, 1926, to Hawley & Hoops, New York, N. Y., successor.

51,498. WHEAT FLOUR. Registered April 17, 1906. CHARLES KING & SON. Renewed April 17, 1926, to Chas. King & Son Company, Inc., Alexandria, Va., a Corporation of Virginia, successor.

51,558. A FOOD AND MEDICINE FOR POULTRY. Registered April 17, 1906. Dr. HESS & CLARK. Renewed April 17, 1926, to Dr. Hess & Clark, Inc., Ashland, Ohio, a Corporation of Ohio, successor.

51,569. ENGINE GOVERNORS. Registered April 17, 1906. THE PICKERING GOVERNOR CO., Portland, Conn. a Corporation of Connecticut. Renewed April 17, 1926.

51,619. TROUSERS. Registered April 17, 1906. I. L. PEARL & Co. Renewed April 17, 1926, to D. A. Barrows, doing business as Johnson Woolen Mills Johnson, Vt., successors.

51,922. CERTAIN NAMED MEDICINES. Registered April 24, 1906. BRISTOL-MYERS COMPANY, Brooklyn, N. Y. Renewed April 24, 1926, to Bristol-Myers Company, New York, N. Y., a Corporation of New York.

51,954. PAINTS AND COLORS. Registered April 24, 1906. C. A. WILLEY CO., New York, N. Y. Renewed April 24, 1926, to C. A. Willey Company, Long Island City, N. Y., a Corporation of New York.

52,037. SHIRTS, COLLARS, AND CUFFS. Registered May 1, 1906. MOSE H. LAMBERT, New Haven, Conn. Renewed May 1, 1926.

52,051. LUBRICATING OILS. Registered May 1, 1906. AMERICAN PETROLEUM PRODUCTS CO., New York, N. Y., a Corporation of New York. Renewed May 1, 1926

52,070. CANDY. Registered May 1, 1906. HERBERT L. HILDRETH. Renewed May 1, 1926, to H. L. Hildreth Company, Boston, Mass., a Corporation of Maine, assignee.

52,250. REMEDIES FOR STOMACH, INTESTINAL AND BOWEL DISORDERS. Registered May 1, 1906. B. J. HART & CO. LIMITED, New Orleans, La., a Corporation of Louisiana. Renewed May 1, 1926.

52,274. WATER PUMPS. Registered May 8, 1906. F. E. MYERS & BROTHER. Renewed May 8, 1926, to The F. E. Myers & Bro. Company, Ashland, Ohio, a Corporation of Ohio, assignee.

52,350. CANDY. Registered May 8, 1906. PHILIP WUNDERLE, Philadelphia, Pa. Renewed May 8, 1926.

52,365. HAY CARRIERS. Registered May 8, 1906. F. E. MYERS & BRO. Renewed May 8, 1926, to The F. E. Myers & Bro. Company, Ashland, Ohio, a Corporation of Ohio, assignee.

52,442. WOOLEN, WORSTED, AND MOHAIR YARNS. Registered May 8, 1906. HENRY E. FRANKENBERG COMPANY. Renewed May 8, 1926, to John A. Kraemer Co., Inc., New York, N. Y., a Corporation of New York, assignee.

52,443. WOOLEN, WORSTED, AND MOHAIR YARNS. Registered May 8, 1906. HENRY E. FRANKENBERG COMPANY. Renewed May 8, 1926, to John A. Kraemer Co., Inc., New York, N. Y., a Corporation of New York, assignee.

52,472. CERTAIN NAMED MEDICINE. Registered May 8, 1906. Dr. A. GUDE & CO. G. M. B. H., Leipzig, Germany. Renewed May 8, 1926, to M. J. Breitenbach Company, New York, N. Y., a Corporation of West Virginia, assignee.

52,523. GINGER SNAPS. Registered May 8, 1906. PENNSYLVANIA BAKING COMPANY, Scranton, Pa., a Corporation of Pennsylvania. Renewed May 8, 1926.

52,549. DRESS SHIELDS. Registered May 15, 1906. I. B. KLEINERT RUBBER COMPANY. Renewed May 15, 1926, to I. B. Kleinert Rubber Company, New York, N. Y., a Corporation of New York, successor.

52,550. HOSE SUPPORTERS. Registered May 15, 1906. I. B. KLEINERT RUBBER COMPANY. Renewed May 15, 1926, to I. B. Kleinert Rubber Company, New York, N. Y., a Corporation of New York, successor.

52,571. DRESS SHIELDS. Registered May 15, 1906. I. B. KLEINERT RUBBER COMPANY. Renewed May 15, 1926, to I. B. Kleinert Rubber Company, New York, N. Y., a Corporation of New York, successor.

52,572. DRESS SHIELDS. Registered May 15, 1906. I. B. KLEINERT RUBBER COMPANY. Renewed May 15, 1926, to I. B. Kleinert Rubber Company, New York, N. Y., a Corporation of New York, successor.

52,573. DRESS SHIELDS. Registered May 15, 1906. I. B. KLEINERT RUBBER COMPANY. Renewed May 15, 1926, to I. B. Kleinert Rubber Company, New York, N. Y., a Corporation of New York, successor.

52,574. DRESS SHIELDS. Registered May 15, 1906. I. B. KLEINERT RUBBER COMPANY. Renewed May 15, 1926, to I. B. Kleinert Rubber Company, New York, N. Y., a Corporation of New York, successor.

52,575. DRESS SHIELDS. Registered May 15, 1906. I. B. KLEINERT RUBBER COMPANY. Renewed May 15, 1926, to I. B. Kleinert Rubber Company, New York, N. Y., a Corporation of New York, successor.

52,582. CANDY. Registered May 15, 1906. PHILIP WUNDERLE, Philadelphia, Pa. Renewed May 15, 1926.

52,672. WHEAT FLOUR. Registered May 15, 1906. THE ANSTED & BURK COMPANY, Springfield, Ohio, a Corporation of Ohio. Renewed May 15, 1926.

52,731. BOOK AND COVER PAPER. Registered May 15, 1906. PENINSULAR PAPER CO., Ypsilanti, Mich., a Corporation of Michigan. Renewed May 15, 1926.

52,760. LEATHER BOOTS AND SHOES. Registered May 15, 1906. THOMAS F. PIERCE & SON, Providence, R. I. Renewed May 15, 1926.

52,936. CANNED FRUITS AND VEGETABLES. Registered May 22, 1906. S. HAMILL COMPANY, Keokuk, Iowa, a Corporation of Iowa. Renewed May 22, 1926.

52,942. GAS BURNERS AND MANTLES THEREFOR. Registered May 22, 1906. WELSBACH LIGHT COMPANY, Gloucester City, N. J. Renewed May 22, 1926, to Welsbach Company, Gloucester City, N. J., a Corporation of New Jersey, assignee.

52,991. GUNPOWDER. Registered May 22, 1906. AMERICAN POWDER MILLS, Boston, Mass., a Corporation of Massachusetts. Renewed May 22, 1926.

52,999. COMPRESSED YEAST. Registered May 22, 1906. THE FLEISCHMANN CO. Renewed May 22, 1926, to The Fleischmann Company, Cincinnati, Ohio, and New York, N. Y., a Corporation of Ohio.

53,090. OLIVES. Registered May 29, 1906. CHARLES GULDEN, New York, N. Y. Renewed May 29, 1926, to Mawer-Gulden-Annis Inc., Brooklyn, N. Y., a Corporation of New York, assignee.

53,113. GUNPOWDER. Registered May 29, 1906. AMERICAN POWDER MILLS, Boston, Mass., a Corporation of Massachusetts. Renewed May 29, 1926.

53,216. STRIPS OF UNITED STAPLES. Registered May 29, 1906. THE E. H. HOTCHKISS COMPANY, Norwalk, Conn., a Corporation of Connecticut. Renewed May 29, 1926.

53,253. HATS. Registered May 29, 1906. LUSTIG BROS. Renewed May 29, 1926, to Long's Hat Stores, New York, N. Y., a Corporation of New York, assignee.

53,360. INVESTMENT AND IMPRESSION COMPOUNDS. Registered May 29, 1906. THE S. S. WHITE DENTAL MFG. CO., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia. Renewed May 29, 1926, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania.

53,371. LEATHER SHOES FOR LADIES, MEN, AND CHILDREN. Registered June 5, 1906. A. J. BATES Co. Renewed June 5, 1926, to A. J. Bates Company, Webster, Mass., a Corporation of Massachusetts.

53,420. PACKING. Registered June 5, 1906. GREENE, TWEED & Co., New York, N. Y., a Corporation of New York. Renewed June 5, 1926.

53,500. PICKLES. Registered June 5, 1906. SQUIRE DINGEE Co. Renewed June 5, 1926, to Squire Dingee Company, Chicago, Ill., a Corporation of Illinois.

53,525. TOILET AND MEDICINAL LOTIONS. Registered June 5, 1906. EDWARD A. OLDS. Renewed June 5, 1926, to The Packer Manufacturing Company, Inc., New York, N. Y., a Corporation of New York, assignee.

53,560. COTTON PIECE GOODS. Registered June 5, 1906. NINETY SIX COTTON MILL, Ninety Six, S. C., a Corporation of South Carolina. Renewed June 5, 1926.

53,598. GINGER ALE. Registered June 5, 1906. HAGAN & DODD CO., Atlanta, Ga., a Corporation of Georgia. Renewed June 5, 1926.

53,653. CANDY. Registered June 5, 1906. PHILIP WUNDERLE, Philadelphia, Pa. Renewed June 5, 1926.

53,654. WATER-TUBE BOILERS. Registered June 12, 1906. A. D. GRANGER CO., New York, N. Y., a Corporation of New York. Renewed June 12, 1926.

53,655. GUNPOWDER. Registered June 12, 1906. AMERICAN POWDER MILLS, Boston, Mass., a Corporation of Massachusetts. Renewed June 12, 1926.

53,657. PORTLAND CEMENT. Registered June 12, 1906. THE EDISON PORTLAND CEMENT COMPANY, West Orange and New Village, N. J., a Corporation of New Jersey. Renewed June 12, 1926.

53,754. POCKETKNIVES AND BUTCHER KNIVES. Registered June 12, 1906. JAMES C. LINDSAY HARDWARE CO., Pittsburgh, Pa., a Corporation of Pennsylvania. Renewed June 12, 1926.

53,783. CALFSKIN. Registered June 12, 1906. GEORGE MARTIN LEATHER CO., Milwaukee, Wis., a Corporation of Wisconsin. Renewed June 12, 1926.

53,877. MEN'S DRESS SHIRTS. Registered June 12, 1906. BROOM & NEWMAN, New York, N. Y. Renewed June 12, 1926.

53,947. MEDICINAL SOAP. Registered June 19, 1906. BARCLAY & BARCLAY. Renewed June 19, 1926, to Barclay & Co., New York, N. Y., a Corporation of Delaware, assignee.

53,971. HAIR AND SKIN TONIC. Registered June 19, 1906. BARCLAY & BARCLAY. Renewed June 19, 1926, to Barclay & Co., New York, N. Y., a Corporation of Delaware, assignee.

54,008. COCOA AND CHOCOLATE. Registered June 19, 1906. HAWLEY & HOOPS, New York, N. Y.. Renewed June 19, 1926.

54,096. HAIR AND SKIN TONIC. Registered June 19, 1906. BARCLAY & BARCLAY. Renewed June 19, 1926, to Barclay & Co., New York, N. Y., a Corporation of Delaware, assignee.

54,100. MEDICINAL PREPARATION FOR EXTERNAL AND INTERNAL USE. Registered June 19, 1906. DAVIS & LAWRENCE CO., New York, N. Y., a Corporation of New York. Renewed June 19, 1926.

54,542. COATS, VESTS, TROUSERS, AND OVERCOATS. Registered June 26, 1906. BROKAW BROS. Renewed June 26, 1926, to Brokaw Brothers, New York, N. Y., a Corporation of New York.

54,722. AUTOMOBILE VEHICLES. Registered June 26, 1906. REO CAR CO. Renewed June 26, 1926, to Reo Motor Car Company, Lansing, Mich., a Corporation of Michigan, assignee.

LABELS

REGISTERED FEBRUARY 16, 1926.

29,927.—*Title:* ADMIROLA BLEACH CREME. For Bleach Creme. ADMIROLA CHEMICAL CO., New York, N. Y. Published January 1, 1926.

29,928.—*Title:* ADMIROLA BEAUTY SOAP. For Beauty Soap. ADMIROLA CHEMICAL CO., New York, N. Y. Published January 1, 1926.

29,929.—*Title:* ADMIROLA COLD CREAM. For Cold Cream. ADMIROLA CHEMICAL CO., New York, N. Y. Published January 1, 1926.

29,930.—*Title:* ADMIROLA VANISHING CREAM. For Vanishing Cream. ADMIROLA CHEMICAL CO., New York, N. Y. Published January 1, 1926.

29,931.—*Title:* DESERT GOLD. For Cantaloupes. THOMAS M. AMENDOLA, doing business as T. M. Amendola and Co., Brawley, Calif. Published November 21, 1925.

29,932.—*Title:* LAVENDER & OLD LACE. For Candy. HELEN ARDELLE CANDY COMPANY, Seattle, Wash. Published December 10, 1925.

29,933.—*Title:* ARROWHEAD. For Ginger Ale. ARROWHEAD SPRINGS CORPORATION, Los Angeles, Calif. Published January 2, 1926.

29,934.—*Title:* LADY GREY. For Perfume. STEPHEN J. BEGGS, doing business as Lady Grey Company, Chicago, Ill. Published November 17, 1925.

29,935.—*Title:* ROYAL MIX. For a Nonalcoholic, Maltless Beverage Sold as a Soft Drink. BORDO MFG. CO., doing business as Royal Mix Company, Chicago, Ill. Published December 30, 1925.

29,936.—*Title:* S C CO. For Cigars. SALVATORE CAMPANELLA, doing business as S. Campanella Cigar Co., New York, N. Y. Published December 3, 1925.

29,937.—*Title:* PRINCESS STEPPE. For Ladies' Underwear. CHAMPION UNDERWEAR CO., New York, N. Y. Published October 1, 1925.

29,938.—*Title:* HIGH AND LOW. For Hosiery. CHIPMAN KNITTING MILLS, Easton, Pa. Published September 2, 1924.

29,939.—*Title:* REMASAN BLOOD REGULATOR. For Medicial Preparations. EDWARD J. CONNELL, New Orleans, La. Published October 1, 1925.

29,940.—*Title:* JENNY MAID GARMENT LOT, SIZE, JENNY MAID MFG. CO., SAGINAW, MICH. For Garments. LOUIS DEMBINSKI and ANNA DEMBINSKI, doing business as Jenny Maid Manufacturing Company, Saginaw, Mich. Published January 9, 1926.

29,941.—*Title:* CAL-ADE. For an Orange Drink. THE EXCHANGE ORANGE PRODUCTS COMPANY, San Dimas, Calif. Published January 7, 1926.

29,942.—*Title:* SKYROCKET. For Fresh Oranges. EXETER CITRUS ASSOCIATION, Exeter, Calif. Published December 30, 1925.

29,943.—*Title:* R-JUNA SKIN CREME. For Skin Crème. ADOLPH A. FAHLSTROM, doing business as The R-Juna Company, Minneapolis, Minn. Published October 1, 1925.

29,944.—*Title:* TASTEE. For Canned Pineapple. FLETCHER, WIEST & CO., Los Angeles, Calif. Published October 31, 1925.

29,945.—*Title:* SUNNY SEA. For Canned Pineapple. FLETCHER, WIEST & CO., Los Angeles, Calif. Published December 1, 1925.

29,946.—*Title:* FRISCH PROCESS. For Bread. EMILE FRISCH, Chicago, Ill. Published January 2, 1926.

29,947.—*Title:* PLEASANT VALLEY. For Butter. THOMAS F. GALLAGHER, doing business as Gallagher Bros., Chicago, Ill. Published November 2, 1925.

29,948.—*Title:* MORNING GLORY. For Tomatoes. GLORE & RICK, San Diego, Calif. Published September 1, 1925.

29,949.—*Title:* EQUITY EGGS. For Eggs. HICKMAN & COWARD, Buffalo, N. Y. Published August 15, 1925.

29,950.—*Title:* 'TWAS THE NIGHT BEFORE CHRISTMAS.' For Hosiery. INTERWOVEN STOCKING COMPANY, New Brunswick, N. J. Published August 26, 1925.

29,951.—*Title:* MOTHGAS. For Paradichlorbenzene, a Crystalline Substance. FRANK C. KEBSECKER, Dubuque, Iowa. Published February 2, 1925.

29,952.—*Title:* KELTNER'S KEL-O-SIS. For Medicine for Stomach and Intestinal Disturbances Caused by Hyperacidity. MINOR M. KELTNER, Lima, Ohio. Published January 2, 1926.

29,953.—*Title:* KIDD'S PEANUT BRITTLE CANDY. For Peanut-Brittle Candy. KIDD AND COMPANY, INC., Chicago, Ill. Published October 10, 1925.

29,954.—*Title:* MILANI'S SPECIAL ROQUEFORT CHEESE DRESSING. For Salad Dressing. THE MILANI CO. INC., Chicago, Ill. Published December 1, 1925.

29,955.—*Title:* PETITE DAME FROCKS. For Ladies' Dresses Manufactured Solely for Use by Small Women. MIRKIN & LEVITT, INC., New York, N. Y. Published January 14, 1926.

29,956.—*Title:* MORRO ROCK. For Lettuce. ROBERT JAMES RICHARDS, doing business as W. M. Watson & Co., Chicago, Ill. Published November 1, 1925.

29,957.—*Title:* C'EST-TRES-CHIC. For Hair Nets. SAMSTAG & HILDER BROS., INC., New York, N. Y. Published December 29, 1925.

29,958.—*Title:* I X L BRAND HIGH GLUTEN FLOUR. For Flour. STANDARD BAKERS SUPPLY CO. INC., Brooklyn, N. Y. Published August 15, 1925.

29,959.—*Title:* CALIFORNIA IMPROVED BOILER METAL TREATMENT. For Boiler Compound for Prevention of Deleterious Action of Waters When Used in Steam Boilers. WILSON-SPEAR CO., Los Angeles, Calif. Published January 2, 1926.

PRINTS

REGISTERED FEBRUARY 16, 1926.

8,567.—*Title:* WALL PAPER ROLL. For Wall-Paper Hangings, Paints, and Supplies. ROBERT N. BEARD, Omaha, Nebr. Published November 18, 1925.

8,568.—*Title:* FREE TO TEACHERS—A NEW PLAN FOR TEACHING HEALTH HABITS FROM KINDERGARTEN TO HIGH SCHOOL. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published January 1, 1926.

8,569.—*Title:* CHILD SPECIALISTS ADVISE. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published January 19, 1926.

8,570.—*Title:* SOMETHING NOVEL. For Crane's Cordlinear. EATON, CRANE & PIKE CO., Pittsfield, Mass. Published November 15, 1925.

8,571.—*Title:* ABOVE ALL OTHERS. For Food Products. MRS. LOUISA GAETANO and CHARLES MARTORELLI, executors of the estate of R. Martorelli, New York, N. Y. Published October 31, 1925.

8,572.—*Title:* YA-LO THE FOOTBALL CARD GAME. For the Football Card Game. EARL J. GRABER, Columbus, Ohio. Published October 8, 1925.

8,573.—*Title:* GRAFEMAN-McINTOSH ICE CREAM COMPANY, PERFECTION ICE CREAM & DAIRY PRODUCTS, ST. LOUIS, MO. For Ice Cream and Dairy Products. GRAFEMAN-MCINTOSH ICE CREAM COMPANY, St. Louis, Mo. Published December 1, 1925.

8,574.—*Title:* THE OVER-AWL KID. For Paint. G. L. LIEBICH CO., Chicago, Ill. Published December 1, 1925.

8,575.—*Title:* CERTIFICATE OF AUTHORITY. For a Beverage Called "Moxie." THE MOXIE COMPANY, Boston, Mass. Published November 30, 1925.

8,576.—*Title:* FROM VINE TO GLASS WITHIN AN HOUR. For Groceries. REID, MURDOCH & CO., Chicago, Ill. Published January 11, 1926.

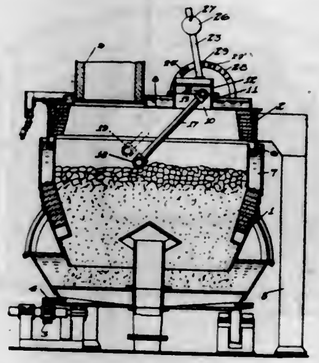
8,577.—*Title:* SUN-PROOF NO-GLARE SHIELDS. For Eye Shields. ROSLINOID MFG. CO. INC., East Boston, Mass. Published November 25, 1925.

8,578.—*Title:* GRACE TANCILL DRESSES, MADE TO INDIVIDUAL MEASUREMENTS, 5117 WATERMAN AVENUE, SAINT LOUIS. For Dresses. GRACE TANCILL, St. Louis, Mo. Published December 14, 1925.

REISSUES

FEBRUARY 16, 1926.

16,262. GAS PRODUCER. CHARLES W. LUMMIS and GEORGE H. ISLEY, Worcester, Mass., assignors to Morgan Construction Company, Worcester, Mass., a Corporation of Massachusetts. Filed July 13, 1923. Serial No. 651,413. Original No. 1,251,064, dated Dec. 25, 1917, Serial No. 840,110, filed May 21, 1914. 11 Claims. (Cl. 48—85.2.)



11. A gas producer having a U-shaped agitator, its ends mounted to swing at the top of the producer and its bend playing freely against the coal at one side only of the producer center, and means for causing relative horizontal motion between the agitator and the coal.

16,263. TYPE BAR. EDNA G. ROBERSON, Atlanta, Ga., assignor to Atlanta Model Machine Company, a Corporation of Georgia. Filed Apr. 25, 1925. Serial No. 25,924. Original No. 1,454,692, dated May 8, 1923, Serial No. 584,699, filed Aug. 28, 1922. 8 Claims. (Cl. 197—9.)



1. A type bar comprising, in combination, a bar supporting member, a type bar supported thereon, a plurality of type mounted on said type bar, selective means upon said member to move said type bar to bring a desired type to a printing position, means whereby continued movement of said selective means moves said type to make an impression, and means to prevent the impression making portion of said movement during the selecting portion thereof.

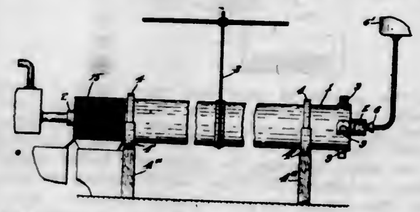
16,264. SAFETY RAZOR. GEORGE ARTHUR SCHIEREN, Great Neck, N. Y. Filed Sept. 8, 1924. Serial No. 736,452. Original No. 1,445,452, dated Feb. 13, 1923, Serial No. 525,393, filed Dec. 28, 1921. 4 Claims. (Cl. 30—12.)

1. In a razor of the Gillette type having a guard, a clamp plate having a threaded bolt, a handle adapted to cooperate with said guard and provided with a threaded socket adapted to receive said bolt, a rotatably



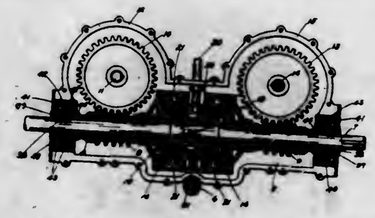
adjustable sleeve swiveled on said handle, and cooperating index marks and an index, on the sleeve and a fixed part of the razor.

16,265. ROTARY DRIER. WILLIAM A. HARTY, Buffalo, N. Y., and FRANK W. MOORE, Thorold, Ontario, Canada. Filed Oct. 16, 1925. Serial No. 62,943. Original No. 1,531,438, dated Mar. 31, 1925, Serial No. 631,904, filed Apr. 13, 1923. 4 Claims. (Cl. 34—5.)



1. A drier comprising a rotary shell, a screen at the discharge end of the shell and a central heating tube extending through the shell and screen, and rotating therewith and a burner at the end thereof and disposed to project its flame into the tube.

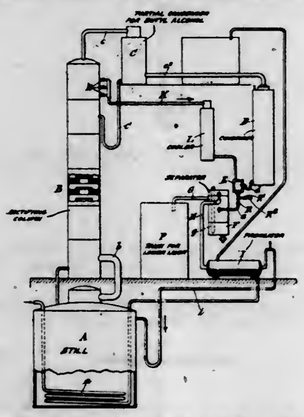
16,266. TRANSMISSION DEVICE. FREDERICK D. WILSON and LEONARD S. BURNS, Harvey, Ill., assignors, by mesne assignments, to Wilson Tractor Manufacturing Company, Ottumwa, Iowa, a Corporation of Iowa. Filed Oct. 19, 1925. Serial No. 63,542. Original application filed Jan. 2, 1923, Serial No. 610,181. Renewed Oct. 27, 1924. Original No. 1,533,626, dated Apr. 14, 1925. 10 Claims. (Cl. 180—17.)



1. In a device of the class described comprising a driving element, and an element driven thereby; gear mechanism operatively connected to said driven element; a plurality of friction clutch-driving discs adapted to co-operate to impart the movement of the driving element to said gear mechanism; a plurality of friction

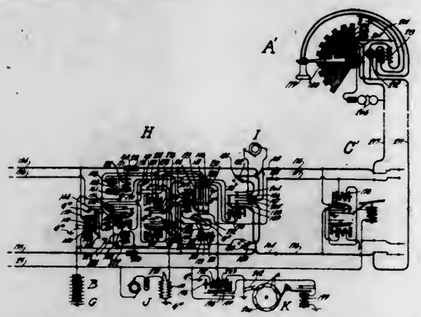
clutch discs capable of a brake action on said gear mechanism; manually operable means adjacent the driving discs for actuating them; and non-rotatable means between the driving and brake discs operatively connected with and movable toward the said manually operable means for actuating the brake discs when the driving discs are released.

16,267. PROCESS OF SEPARATING BUTYL ALCOHOL AND WATER. ARTHUR STEVENS, Buffalo, N. Y. Filed Oct. 9, 1924. Serial No. 742,672. Original No. 1,394,232, dated Oct. 18, 1921, Serial No. 364,697, filed Mar. 10, 1920. 5 Claims. (Cl. 195—15.)



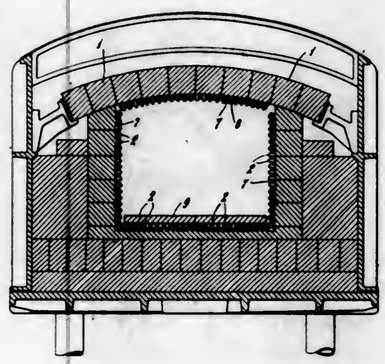
1. The process of separating water from a homogeneous aqueous butyl alcohol mixture which comprises distilling the mixture to evolve a constant boiling mixture, condensing the latter and allowing it to settle in two layers, returning the upper layer to the original mixture undergoing distillation and eliminating the lower layer from the process.

16,268. TELEPHONE-EXCHANGE ANTOMATIC SWITCHING SYSTEM. EDWARD A. MELLINGER, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed June 12, 1922. Serial No. 567,821. Original application filed Sept. 4, 1908, Serial No. 451,674. Renewed Aug. 16, 1919, Serial No. 318,040. Original No. 1,343,462, dated June 15, 1920. 133 Claims. (Cl. 174—18.)



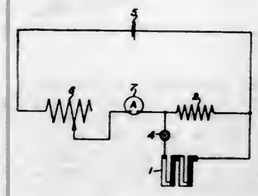
91. In a telephone system, a connector provided with a release magnet, and having quick and slow acting relays controlling said magnet, the said quick acting relay controlling the circuit of said slow acting relay, contacts on said quick acting relay for holding the circuit through said magnet open during conversation, and contacts on said slow acting relay for holding said magnet circuit open while operating impulses are being transmitted.

16,269. ELECTRIC FURNACE. EDWIN L. SMALLEY, Milwaukee, Wis., assignor to Electric Heating Apparatus Company, Newark, N. J. Filed June 22, 1925. Serial No. 38,927. Original No. 1,459,801, dated June 26, 1923, Serial No. 401,717, filed Aug. 6, 1920. 16 Claims. (Cl. 204—64.)



1. An electric furnace comprising a support of refractory material, a preformed return-bend resistor element disposed upon said support in exposed relation to the interior space of the furnace, and refractory members carried by said support and adapted to engage said resistor element to retain the same in position in close proximity to said support and to permit of the ready removal of said element, substantially as specified.

16,270. ELECTRIC PYROMETER. THOMAS W. VARLEY, New York, N. Y. Filed Feb. 16, 1922. Serial No. 537,067. Original No. 1,375,872, dated Apr. 26, 1921, Serial No. 211,959, filed Jan. 15, 1918. 6 Claims. (Cl. 73—32.)

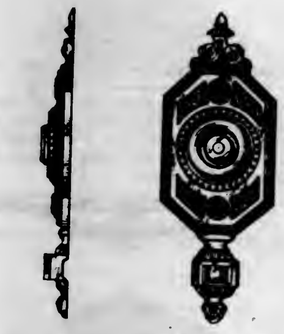


6. The combination with a source of electromotive force, of a fixed resistor, a current-indicating instrument, current-controlling means, said resistor, instrument, current-controlling means and source being connected in series relation, a shunt circuit connected to said resistor including a thermocouple and means for opening and closing said shunt circuit.

DESIGNS

FEBRUARY 16, 1926.

69,423. BACKPLATE FOR LIGHTING FIXTURES. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed Nov. 18, 1925. Serial No. 15,451. Term of patent 7 years.



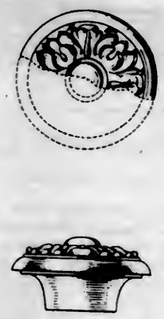
The ornamental design for a backplate for lighting fixtures, as shown.

69,424. ARM FOR LIGHTING FIXTURES. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed Nov. 18, 1925. Serial No. 15,452. Term of patent 7 years.



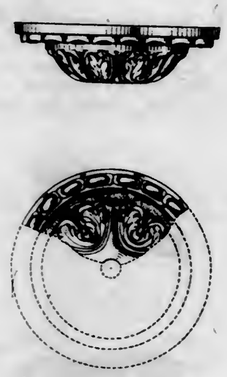
The ornamental design for an arm for lighting fixtures, as shown.

69,425. ROSETTE FOR LIGHTING FIXTURES. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed Nov. 18, 1925. Serial No. 15,453 Term of patent 7 years.



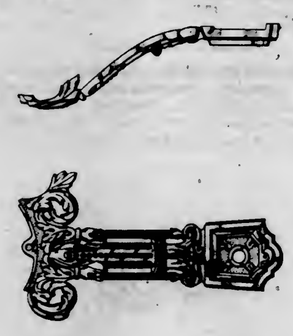
The ornamental design for a rosette for lighting fixtures, as shown.

69,426. CANOPY FOR LIGHTING FIXTURES. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed Nov. 18, 1925. Serial No. 15,454. Term of patent 7 years.



The ornamental design for a canopy for lighting fixtures, as shown.

69,427. ARM FOR LIGHTING FIXTURES. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed Nov. 18, 1925. Serial No. 15,455. Term of patent 7 years.



The ornamental design for an arm for lighting fixtures, as shown.

69,428. SEGMENTAL PORTION FOR LIGHTING FIXTURES. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed Nov. 18, 1925. Serial No. 15,456. Term of patent 7 years.



The ornamental design for a segmental portion for lighting fixtures, as shown.

69,429. ARM FOR LIGHTING FIXTURES. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed Nov. 18, 1925. Serial No. 15,457. Term of patent 7 years.



The ornamental design for an arm for lighting fixtures, as shown.

69,430. CANDLE PLATE. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed Nov. 18, 1925. Serial No. 15,458. Term of patent 7 years.



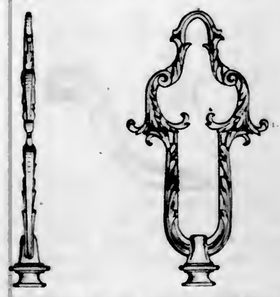
The ornamental design for a candle plate, as shown.

69,431. PLATE FOR LIGHTING FIXTURES. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed Nov. 18, 1925. Serial No. 15,459. Term of patent 7 years.



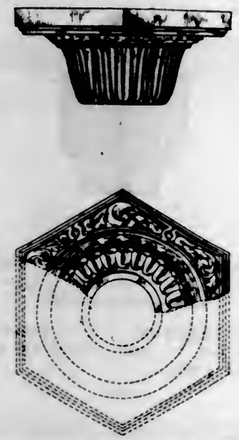
The ornamental design for a plate for lighting fixtures, as shown.

69,432. LOOP FOR LIGHTING FIXTURES. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed Nov. 18, 1925. Serial No. 15,460. Term of patent 7 years.



The ornamental design for a loop for lighting fixtures, as shown.

69,433. PLATE FOR LIGHTING FIXTURES. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed Nov. 18, 1925. Serial No. 15,461. Term of patent 7 years.



The ornamental design for a plate for lighting fixtures, as shown.

69,434. GOBLET OR SIMILAR ARTICLE. JOSEPH O. BALDA, Newark, Ohio, assignor to A. H. Heisey & Co., Newark, Ohio. Filed Apr. 29, 1922. Serial No. 2,023. Term of patent 14 years.



The ornamental design for a goblet or similar article substantially as shown.

69,435. SPECTACLE FRAME. JACOB BOBROW, Brooklyn, N. Y., assignor to Bobrow Optical Mfg. Co., Inc., Brooklyn, N. Y., a Corporation of New York. Filed Nov. 2, 1925. Serial No. 15,324. Term of patent 7 years.



The ornamental design for the spectacle frame, as shown.

69,436. WEDDING RING. GARDINER S. BOWDEN, Brooklyn, N. Y., assignor to J. B. Bowden & Co., a Copartnership composed of Martin L. Bowden and Gardiner S. Bowden, New York, N. Y. Filed Aug. 26, 1925. Serial No. 14,590. Term of patent 14 years.



The ornamental design for a wedding ring substantially as shown.

69,437. CURTAIN TIE BACK. HUBERT J. BRAUN, Chicago, Ill. Filed Oct. 29, 1924. Serial No. 11,209. Term of patent 14 years.



The ornamental design for a curtain tie back, as shown.

69,438. HAT. JAMES T. CARADINE and WILLIAM T. CHRISTMAS, St. Louis, Mo. Filed Dec. 19, 1925. Serial No. 15,798. Term of patent 14 years.



The ornamental design for a hat, substantially as shown and described.

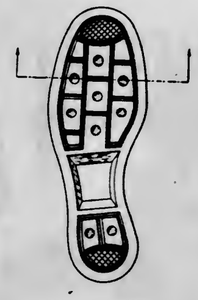
69,439. HAT. JAMES T. CARADINE and WILLIAM T. CHRISTMAS, St. Louis, Mo. Filed Dec. 19, 1925. Serial No. 15,799. Term of patent 14 years.





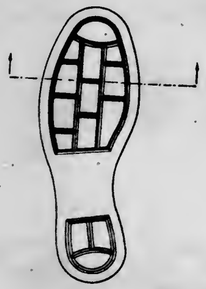
The ornamental design for a hat, substantially as shown and described.

69,440. SHOE SOLE. FRANK E. CHURCH, Scarsdale, N. Y., assignor to National India Rubber Company, Bristol, R. I., a Corporation of Rhode Island. Filed Nov. 24, 1925. Serial No. 15,533. Term of patent 14 years.



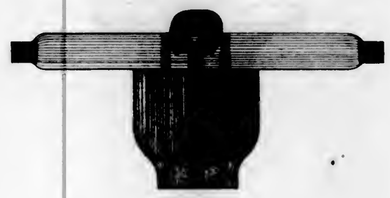
The ornamental design for a shoe sole as shown.

69,441. SHOE SOLE. FRANK E. CHURCH, Scarsdale, N. Y., assignor to National India Rubber Company, Bristol, R. I., a Corporation of Rhode Island. Filed Nov. 24, 1925. Serial No. 15,534. Term of patent 14 years.



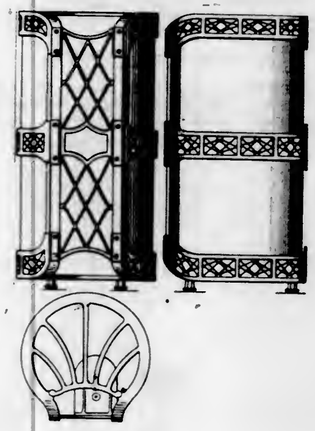
The ornamental design for a shoe sole as shown.

69,442. KNITTED SWEATER. ALFRED COHN, Milwaukee, Wis. Filed Aug. 27, 1925. Serial No. 14,614. Term of patent 3½ years.



The ornamental design for a knitted sweater as shown and described.

69,443. LOUD SPEAKER. LEE DE FOREST, New York, N. Y. Filed Oct. 17, 1925. Serial No. 15,164. Term of patent 14 years.



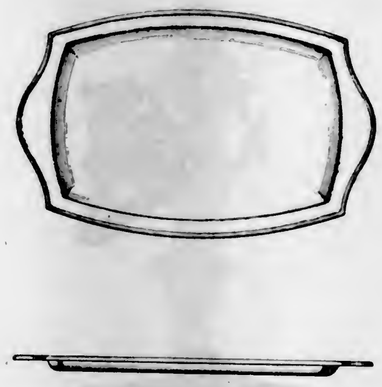
The ornamental design for a loud speaker, as shown.

69,444. TEXTILE FABRIC. THOMAS W. ESTES, New York, N. Y. Filed Nov. 7, 1925. Serial No. 15,376. Term of patent 3½ years.



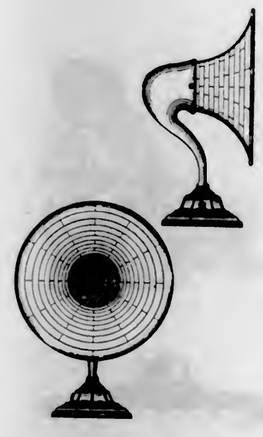
The ornamental design for a textile fabric as shown.

69,445. TRAY OR SIMILAR ARTICLE. EDWARD A. FARR, Meriden, Conn., assignor to Manning, Bowman & Company, Meriden, Conn., a Corporation of Connecticut. Filed Dec. 17, 1925. Serial No. 15,774. Term of patent 7 years.



The ornamental design for a tray or similar article substantially as shown.

69,446. LOUD-SPEAKER HORN FOR RADIO RECEIVING SETS. ALBERT C. FRISCH and JOHN R. FRISCH, Wilmington, Del. Filed Oct. 19, 1925. Serial No. 15,181. Term of patent 7 years.



The ornamental design for a loud speaker horn for radio receiving sets as shown.

69,447. LACE. PAUL GROEBLI, New York, N. Y. Filed Oct. 20, 1925. Serial No. 15,186. Term of patent 3½ years.

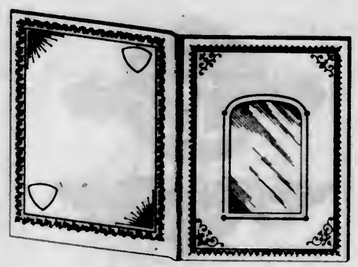


The ornamental design for lace substantially as shown.

69,448. NEEDLEBOOK. AINSWORTH J. HAGUE, Jr., Red Bank, N. J. Filed Nov. 30, 1925. Serial No. 15,586. Term of patent 3½ years.

The ornamental design for a needlebook substantially as shown.

69,449. NEEDLEBOOK. AINSWORTH J. HAGUE, Jr., Red Bank, N. J. Filed Nov. 30, 1925. Serial No. 15,587. Term of patent 3½ years.



The ornamental design for a needle book substantially as shown.

69,450. RADIATOR CAP OR SIMILAR ARTICLE. HENRY HARDISTY, Tualatin, Oreg. Filed June 20, 1921. Serial No. 479,135. Term of patent 3½ years.



The ornamental design for a radiator cap or similar article, substantially as shown.

69,451. FINGER RING OR SIMILAR ARTICLE. JOSEPH L. HERZOG, New Rochelle, N. Y. Filed Nov. 6, 1925. Serial No. 15,367. Term of patent 14 years.



The ornamental design for a finger ring or similar article substantially as shown and described.

69,452. CEILING PLATE FOR LIGHTING FIXTURES. JACOB F. KOHLER, New York, N. Y., assignor to Jonick Sirken Co., Inc., a Corporation of New York. Filed July 16, 1925. Serial No. 14,119. Term of patent 3½ years.



The ornamental design for a ceiling plate for lighting fixtures as shown.

69,453. LAMP BASE. THOMAS JEFFERSON LEAGUE, Chicago, Ill., assignor to Diversey Foundry Company, a Corporation of Illinois. Filed Aug. 12, 1925. Serial No. 14,397. Term of patent 3½ years.



The ornamental design for a lamp base, as shown.

69,454. LAMP BASE. THOMAS JEFFERSON LEAGUE, Chicago, Ill. Filed Dec. 3, 1925. Serial No. 15,626. Term of patent 3½ years.



The ornamental design for a lamp base, as shown.

69,455. SPINDLE FOR LIGHTING FIXTURES. THOMAS JEFFERSON LEAGUE, Chicago, Ill. Filed Dec. 3, 1925. Serial No. 15,627. Term of patent 3½ years.



The ornamental design for a spindle for lighting fixtures, as shown.

69,456. LAMP BASE. THOMAS JEFFERSON LEAGUE, Chicago, Ill. Filed Dec. 3, 1925. Serial No. 15,628. Term of patent 3½ years.



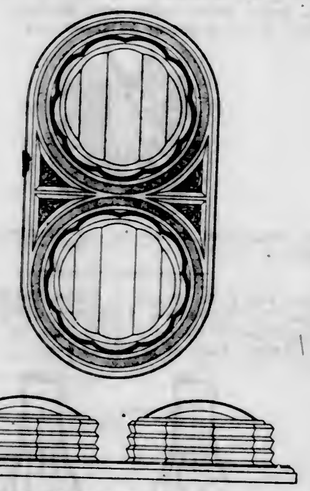
The ornamental design for a lamp base, as shown.

69,457. LAMP BASE. THOMAS JEFFERSON LEAGUE, Chicago, Ill. Filed Dec. 3, 1925. Serial No. 15,629. Term of patent 3½ years.



The ornamental design for a lamp base, as shown.

69,458. SIGNAL LENS. KENNETH D. LIGHTHIPE, East Orange, N. J., assignor to Elevator Supplies Company, Inc., a Corporation of New Jersey. Filed Sept. 25, 1925. Serial No. 14,904. Term of patent 7 years.



The ornamental design for a signal lens as shown.

69,459. EDIBLE ICE-CREAM CONTAINER. HERBERT P. PAGE, Boston, Mass. Filed Mar. 3, 1924. Serial No. 8,807. Term of patent 3½ years.



The ornamental design for an edible ice cream container as shown.

69,460. BACKPLATE FOR LIGHTING FIXTURES. HARRY PERRY, Brooklyn, N. Y., assignor to Metropolitan-Columbia Mfg. Co., Inc., a Corporation of New York. Filed Dec. 19, 1925. Serial No. 15,794. Term of patent 3½ years.



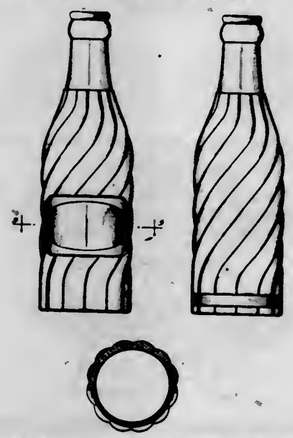
The ornamental design for a backplate for lighting fixtures, substantially as shown and described.

69,461. ILLUMINATING LENS. FRANK ROWNICK, Iron River, Mich. Filed May 24, 1923. Serial No. 6,270. Term of patent 14 years.



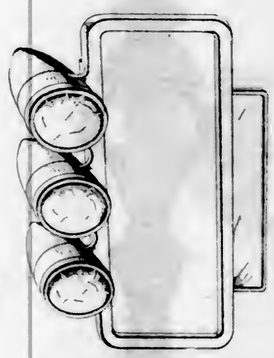
The ornamental design for an illuminating lens, as shown.

69,462. BOTTLE. CLAUD A. SEARS, Columbus, Ga., assignor to Chero-Cola Company, Columbus, Ga., a Corporation of Georgia. Filed Sept. 25, 1922. Serial No. 3,818. Term of patent 14 years.



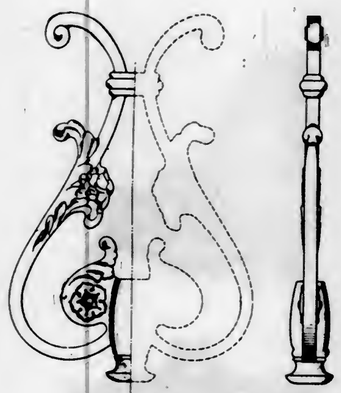
The ornamental design for a bottle, as shown

69,463. COMBINED LICENSE-PLATE HOLDER, NAME PLATE, AND SIGNAL LIGHT. GEORGE A. SCHUH and ALFRED E. SCHUH, Buffalo, N. Y. Filed Sept. 1, 1925. Serial No. 14,683. Term of patent 14 years.



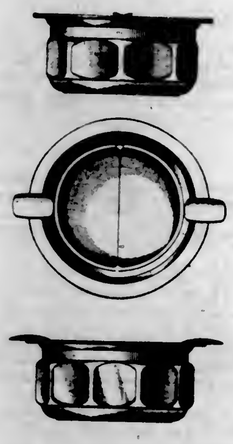
The ornamental design of a combined license plate holder, name plate and signal light, as shown.

69,464. LAMP BRACKET. ARNOLD A. SCHWARTZ, Chicago, Ill. Filed Dec. 7, 1925. Serial No. 15,676. Term of patent 3½ years.



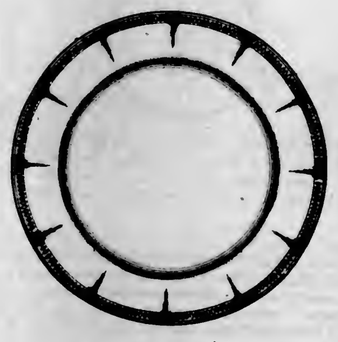
The ornamental design for a lamp bracket, substantially as shown.

69,465. SMOKER'S ASH RECEIVER. JACOB S. SHERMAN, Chicago, Ill., assignor to Universal Lamp Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 21, 1925. Serial No. 15,206. Term of patent 14 years.



The ornamental design for a smoker's ash receiver, substantially as shown.

69,466. PLATE OR SIMILAR ARTICLE. HARRY TRISCHLER, Crooksville, Ohio, assignor to The Crooksville China Company, Crooksville, Ohio, a Corporation of Ohio. Filed Dec. 4, 1925. Serial No. 15,640. Term of patent 7 years.



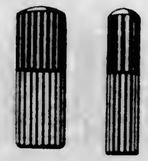
The ornamental design for a plate or similar article, substantially as shown.

69,467. TEAPOT OR SIMILAR ARTICLE. HARRY TRISCHLER, Crooksville, Ohio, assignor to The Crooksville China Company, Crooksville, Ohio, a Corporation of Ohio. Filed Dec. 4, 1925. Serial No. 15,641. Term of patent 7 years.



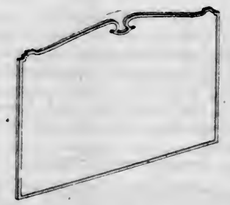
The ornamental design for a teapot or similar article, substantially as shown.

69,468. PERFUME BOTTLE. JOHN J. VOGLER, Douglaston, N. Y., assignor to Alfred H. Smith Co. Inc., New York, N. Y., a Corporation of New York. Filed Dec. 22, 1922. Serial No. 4,682. Term of patent 3½ years.



The ornamental design for a perfume bottle as shown.

69,469. SIGNBOARD. FRED G. WARNER, Narberth, Pa., assignor to Wallace & Warner, a Partnership composed of Brenton G. Wallace and Fred G. Warner, Philadelphia, Pa. Filed July 2, 1925. Serial No. 13,981. Term of patent 14 years.

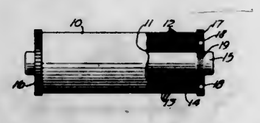


The ornamental design for a signboard, as shown.

PATENTS

GRANTED FEBRUARY 16, 1926.

1,572,869. **ELECTROMAGNET.** ARTHUR HERMAN ADAMS, Lakeville, Conn., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 15, 1923. Serial No. 680,787. 6 Claims. (Cl. 175—21.)



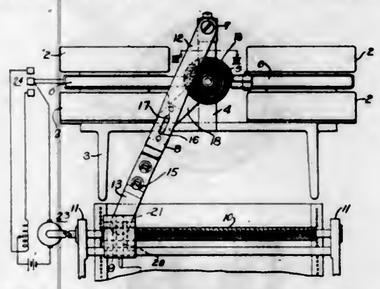
1. In an electromagnet, an iron core, a paper filled coil mounted on said core, and a spool head having an aperture through which the core extends and additional apertures for receiving the paper insulation to prevent relative rotation between the coil and said core.

1,572,870. **CLUTCH.** EDWIN J. ARMSTRONG, Erie, Pa., assignor, by direct and mesne assignments, to Erie Steam Shovel Company, Erie, Pa., a Corporation of Pennsylvania. Filed Jan. 14, 1924. Serial No. 686,020. 15 Claims. (Cl. 192—85.)

1. In a clutch, the combination of clutch engaging members; and a lever system for said members comprising a main lever operating upon said members at one point of their circumference and extending across the axis thereof, and an auxiliary lever reversely arranged with relation to the main lever and operating upon a point in the circumference at the opposite side of the axis of the clutch.

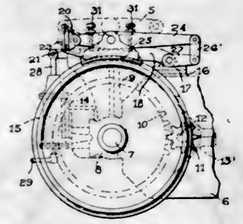
1,572,871. **GRAPHIC-METER-CONTROL MECHANISM.** CHRISTIAN AALBORG, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 2, 1922. Serial No. 585,877. 7 Claims. (Cl. 234—5.5.)

7. In a measuring instrument, the combination with a horizontal screw shaft adapted for co-operation with means for rotating the same, a traveling-nut indicating member disposed on the shaft and having a vertical slot, and a Kelvin balance disposed above the shaft for controlling said rotating means, of an arm having a pivot axis vertically above the pivot of the balance, a pin carried by the lower end of the arm and extending into said slot, a second arm freely movable about the axis of the balance, a pin-and-slot connection between the outer end of the second arm and an intermediate portion of the



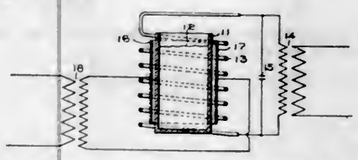
first arm, and a helical spring coiled about the pivot axis of the balance and connected, at its ends, between the second arm and the balance.

1,572,872. **DRIVER BRAKE SHOE.** FRANK L. ALBEN, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 20, 1923. Serial No. 663,786. 8 Claims. (Cl. 188—153.)



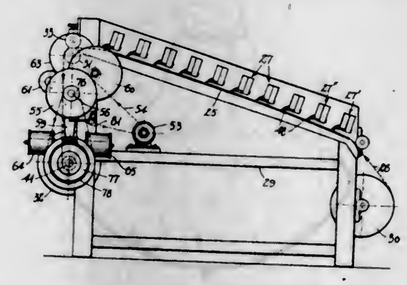
1. The combination with a drive motor journalled on a wheel axle, of a brake mechanism mounted on the top of said motor frame, said brake mechanism being operatively associated with the wheels of said axle.

1,572,873. **HIGH-FREQUENCY DIELECTRIC AND MAGNETIC FURNACE.** CHESTER T. ALLCUTT, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 29, 1923. Serial No. 683,375. 6 Claims. (Cl. 204—64.)



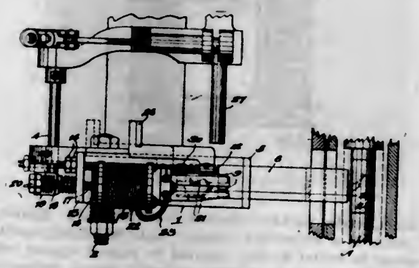
3. In a heating system, in combination, a mass of material to be heated, a coil, a source of high frequency current connected to said coil, and means for subjecting said mass of material to a high frequency electric field.

1,572,874. **ELECTRIC SIGN.** FULGENCIO ARCHILA, Bogota, Colombia. Filed Apr. 3, 1924. Serial No. 703,392. 11 Claims. (Cl. 200—46.)



1. An electric circuit controller comprising longitudinally spaced contact devices, a sheet movable longitudinally past said devices and having successive sets of longitudinally spaced zones of circuit controlling means cooperable simultaneously with said devices, actuating means for moving said sheet past said devices, and means controlled by the movement of the sheet by the actuating means for removing the control of said circuits from said devices and circuit controlling means after the zones of circuit controlling means have passed the corresponding devices until the next set of zones of circuit controlling means are brought to a position to cooperate with the corresponding devices.

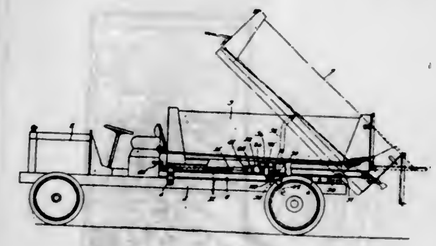
1,572,875. **FILLING DETECTOR.** EUGENE H. BALLOU, Pawtucket, R. I. Filed May 29, 1925. Serial No. 33,676. 6 Claims. (Cl. 139—273.)



1. In combination with a device for removing and replacing bobbins, and bobbins having metallic ferrules thereon, a slide having spring pressed contacts for engagement with the ferrules, a coil, other contacts on the slide, contact fingers connected to the coil and engageable with said other contacts of the slide, a slideable spring pressed armature for the coil, a finger carried by the armature for operating the bobbin removing and replacing device, and withdrawing means for the slide.

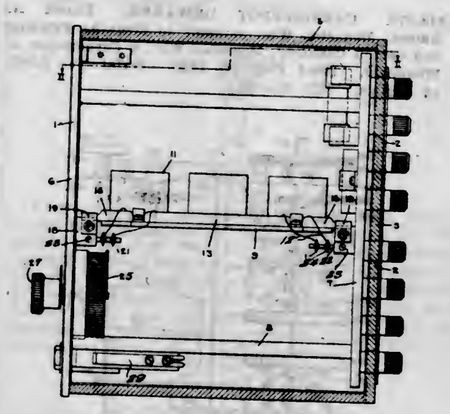
1,572,876. **DUMP TRUCK.** PERCY E. BARKER, Cleveland, Ohio, assignor to The Van Dorn Iron Works Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 14, 1921. Serial No. 500,621. 5 Claims. (Cl. 298—21.)

1. Dumping apparatus comprising a supporting frame, a dumping body mounted on said frame for raising and lowering movement, and hoisting means comprising separate sets of lever mechanism, an operating connection for each set of lever mechanism, and a single operating means for said operating connections for said lever



mechanisms, said parts being so constructed and arranged that the separate sets of lever mechanism are individually responsive to the load.

1,572,877. **WIRELESS RECEIVING APPARATUS.** MAX C. BATSEL, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 4, 1922. Serial No. 592,234. 3 Claims. (Cl. 250—27.)

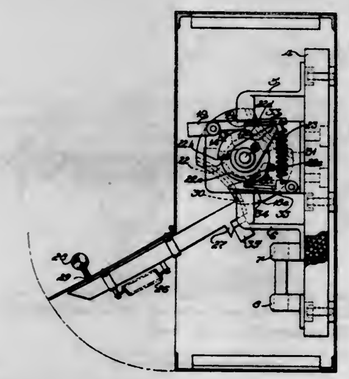


1. In combination, a pair of vertically positioned panels, means for rigidly securing said panels in such spaced relation as to provide an open space therebetween, a base-socket member horizontally positioned in said open space and having opposite ends resiliently secured to adjacent panels, a pair of members having opposite ends rigidly secured to said panels and horizontally positioned immediately adjacent to the under surface of said base-socket member to limit the motion thereof to a predetermined amount, and electrical connectors mounted on said members.

1,572,878. **SWITCH BOX.** HAROLD G. BAXTER, Baldwin, N. Y., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 11, 1919. Serial No. 281,912. 5 Claims. (Cl. 200—50.)

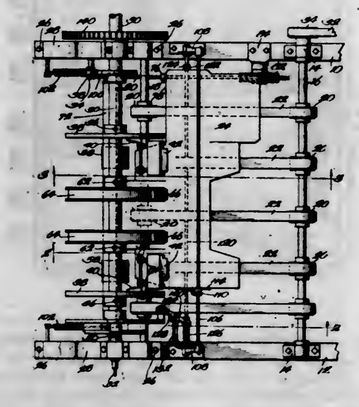
1. The combination with a casing having an opening therein and a door for the opening, of a rotatable switch, a shaft therefor, an oscillating handle for actuating the

switch, a latch for the door movable with respect thereto, and a cam member mounted on the shaft and inoperable by the latch for so cooperating with the latch and the



switch that the door is prevented from being opened when the switch is closed and the switch is prevented from being closed when the door is open.

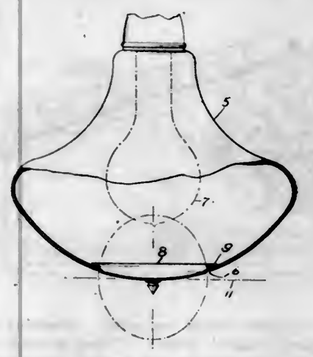
1,572,879. CARTON-SPOT DEWAXER. FRANK A. BRISEL, Menasha, Wis., assignor to Menasha Printing and Carton Company, Menasha, Wis., a Corporation of Wisconsin. Filed Feb. 14, 1925. Serial No. 9,363. 16 Claims. (Cl. 93—36.)



1. In mechanism of the class described, means feeding a waxed article along, dewaxing means to remove wax from a spot of predetermined size and location on the article, and means for adjusting the feeding means to vary the position of the dewaxed spot on the article.

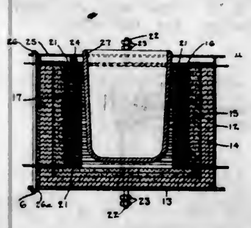
1,572,880. LIGHTING FIXTURE. WILLIAM THOMAS BLACKWELL, Westfield, N. J., assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 18, 1922. Serial No. 530,200. 6 Claims. (Cl. 240—100.)

1. A lighting unit comprising a light transmitting globe having an aperture in the light transmitting portion thereof and a flexible cover having a larger diameter than said aperture, said cover being so constructed that



it may be distorted when confined and readjusted when released, whereby said cover may be inserted through said aperture to provide a cover therefor.

1,572,881. ELECTRIC-FURNACE RESISTOR. PORTER H. BRACE, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 14, 1922. Serial No. 600,808. 1 Claim. (Cl. 204—64.)



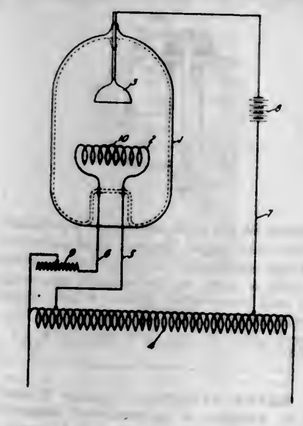
An electric furnace resistor comprising a plurality of rings of a refractory resistor material of substantial U-shape in radial section, located in coaxial spaced relation, and a plurality of symmetrically spaced refractory electrical-conducting blocks located between adjacent rings and operatively engaging the intermediate portion only of adjacent rings.

1,572,882. HOT-CATHODE APPARATUS. EDGAR W. BREISCH, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 9, 1918. Serial No. 261,916. 13 Claims. (Cl. 250—27.)

1. In electric apparatus, a filamentary electrode adapted to be heated, means for causing an arc to impinge upon said electrode, said arc carrying a current which is a material portion of the current necessary to heat said filament, and means for, at will, modifying the point of arc impact.

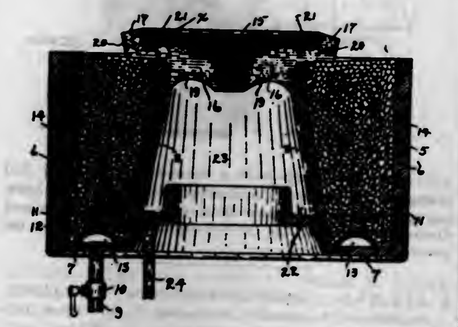
3. In electric apparatus, a filamentary electrode embodying a portion of reinforced cross-section, means for causing an arc to operate upon said electrode, and potential-adjusting means for causing said arc to operate principally upon said reinforced portion.

13. The method of operating a gaseous discharge device comprising a heated filamentary cathode, which con-



sists in controlling, at will, the current distribution in said cathode to prevent continuous impingement of the discharge upon one portion of said cathode.

1,572,883. LIQUID-FUEL BURNER. LEWIS A. COCKLIN, Griswold, Iowa. Filed Apr. 27, 1925. Serial No. 26,035. 8 Claims. (Cl. 158—96.)



6. In a liquid fuel burner, an upright receptacle open at its top having a cylindrical outer wall and an upwardly tapered inner wall providing an annular chamber and a flue, an oil distributor including an annular casting having a groove opening on its bottom and removably disposed on the bottom of the chamber, a porous filler in said chamber above the casting, a liquid supply element in communication with said groove and said chamber, a spreader cap having its bottom provided with radially arranged wings and disposed in said flue, each wing having an extension projecting beyond the edge of said cap in engagement with the filler and said inner wall, the side walls of each wing being formed outwardly divergent to the end of its extension.

1,572,884. STOP WATCH AND DIAL. CHARLES H. COLVIN, Brooklyn, N. Y. Filed Feb. 10, 1923. Serial No. 618,347. 1 Claim. (Cl. 58—126.)

In a stop watch, in combination, a sweep second hand scale graduated to indicate time per unit of distance; another scale concentric therewith and graduated to read directly in distance per unit of time corresponding



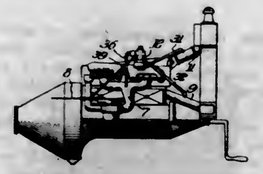
to the indicated time for a fraction of a unit of distance, and a sweep second hand cooperating with either of said scales.

1,572,885. SHAVING BRUSH. EDWARD L. CORBETT, New York, N. Y. Filed July 11, 1925. Serial No. 43,013. 1 Claim. (Cl. 15—187.)



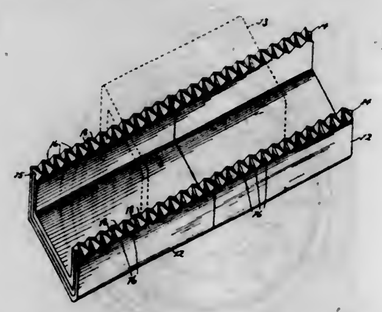
A shaving brush comprising a paper strip spirally wound into the shape of a small tube forming the body portion of the brush, one edge of the strip being serrated to form a plurality of filaments, the said filaments terminating at different distances from the body portion and being arranged in bulbous form, said filaments being coated with a soap adapted to form a lather when the filaments are wetted, and the filaments being adapted to disintegrate after their initial use.

1,572,886. HUMIDIFIER FOR GAS ENGINES. JAY E. CRANDALL, Chicago, and ALBERT OLGAY, Glen Ellyn, Ill. Filed Sept. 12, 1921. Serial No. 500,186. 15 Claims. (Cl. 123—25.)



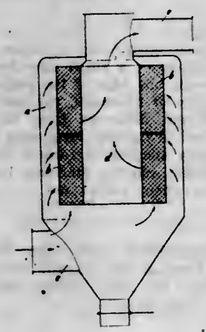
1. A humidifier for internal combustion engines comprising, a water chamber, a vaporizing chamber adjacent said water chamber, a passage connecting said chambers, an air passage entering said vaporizing chamber and means in said water chamber controlled by the temperature of the engine to open and close both of said passages.

1,572,887. BUILDING CONSTRUCTION. RICHARD DALE, Mount Carroll, Ill. Filed Mar. 26, 1923. Serial No. 627,610. 5 Claims. (Cl. 72—52.)



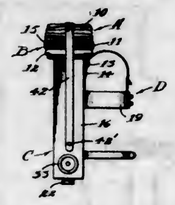
1. An oblong block having one of its horizontal faces comprising a plurality of triangular surfaces arranged so that a pair of adjacent triangular surfaces incline downwardly to one side of the block and intersect in a line lying in a plane perpendicular to the axis of the block, and an adjoining pair of triangular surfaces which incline downwardly to the other side of the block and intersect in a line lying in a plane perpendicular to the axis of the block with the adjacent triangular surfaces of adjoining pairs intersecting in a horizontal line which is inclined to the longitudinal axis of the block.

1,572,888. APPARATUS FOR SEPARATING SOLID SUBSTANCES FROM GASES AND VAPORS, MORE ESPECIALLY BLAST-FURNACE GASES. EMIL DÄNHARDT, Cologne-Kalk, Germany. Filed Aug. 15, 1921. Serial No. 492,494. 2 Claims. (Cl. 183—66.)



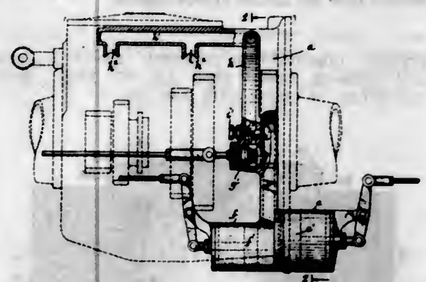
1. Apparatus for the separation of solid substances from gases and vapors, more especially from blast furnace gases, comprising a casing having a conical lower part, a stationary series of removable filter pockets disposed radially within the casing to form a central outlet within the casing for the purified gas, the said filter pockets being disposed above the said conical lower part of the said casing, means detachably to mount said filter pockets individually and collectively in position within the casing, an outlet pipe at the upper end of the said central outlet, and an inlet to the casing for dust laden gas, said inlet being transversely disposed and connected to the conical lower part of the said casing, the filter pockets being so disposed in said casing above the inlet that the cavities between the outer faces of the filter pockets are all directly accessible to the upwardly flowing dust laden gas.

1,572,889. SAFETY PARACHUTE FOR AERONAUTS. IRWIN CHARLES DEGEN, Chaska, Minn. Filed May 20, 1924. Serial No. 714,558. 4 Claims. (Cl. 244—21.)



1. In a device of the class described, a parachute structure, a balloon bag caged therein, said parachute structure embodying suspension means for embracing the body of a user, a tank for compressed gas supply associated with said suspension means, a gas conduit leading from said tank to said bag and means for opening the gas supply into the bag from said tank.

1,572,890. BRAKE SYSTEM. CHARLES FROESCH, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 21, 1924. Serial No. 700,757. 20 Claims. (Cl 188—92.)



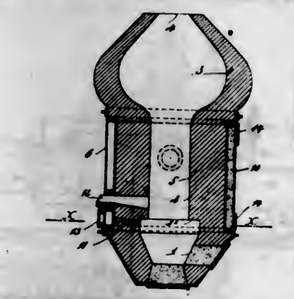
1. The combination with a transmission housing and change speed gears, of a reservoir formed in the housing and a pump to draw fluid from the reservoir and discharge it upon the interchangeable surfaces of the gears.

1,572,891. DIMPLE-PRODUCING APPLIANCE. EVANGELINE I. GILBERT, Rochester, N. Y. Filed July 11, 1921. Serial No. 483,677. 4 Claims. (Cl. 128—76.)



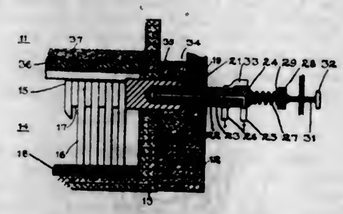
1. A dimple producing appliance comprising a pair of dimple producing devices and a resilient connection between such devices permitting their relative movement and supporting them at such a distance from each other that they may coopernte with the cheeks of an individual to produce pressure on such cheeks.

1,572,892. SIDE-BLAST CONVERTER FURNACE. TOUSSAINT LEVOZ, Heer, Belgium. Filed July 18, 1922. Serial No. 575,809. 1 Claim. (Cl. 266—36.)



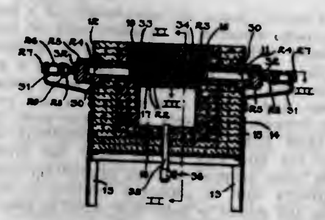
A side-blast converter comprising a drying filter arranged for instance in the blast box, through which the blast is caused to pass on its way to the twyers for the purpose of being freed from the whole of its contained moisture.

1,572,893. ELECTRIC FURNACE. GEORGE M. LITTLE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 1, 1922. Serial No. 598,316. 10 Claims. (Cl. 204—64.)



5. In an electric furnace, in combination, a heating element comprising a plurality of refractory members having integral non-current-carrying and weight-supporting extensions.

1,572,894. ELECTRIC FURNACE. GEORGE M. LITTLE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 1, 1922. Serial No. 598,317. 3 Claims. (Cl. 204—64.)



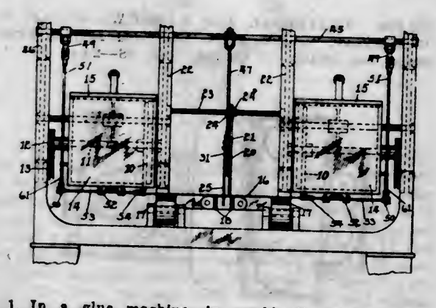
1. An electric furnace comprising a plurality of refractory walls enclosing a chamber, a refractory plate dividing said chamber into a work-receiving comportment and a heating compartment, a heating element in said heating compartment comprising a plurality of elongated, thin, flat, carbonaceous resistor elements located above said plates, and means comprising comminuted carbonaceous material covering said heating element for preventing oxidization thereof.

1,572,895. DETACHABLE LUG FOR TRACTORS AND THE LIKE. CHARLES L. LOFFLER, Des Moines, Iowa. Filed Feb. 2, 1921. Serial No. 441,895. Renewed June 3, 1925. 3 Claims. (Cl. 301—44.)



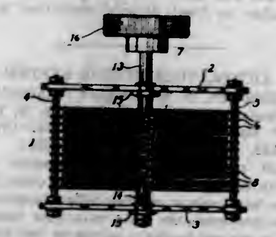
1. A detachable lug-device for tractor and like wheels, including, in combination with a perforated wheel-tread or rim, a plurality of detachable lugs, each of which includes a curved finger and a straight finger for entrance in the perforated wheel-tread, and a plurality of connecting links for connecting the lugs together on the wheel-tread or rim.

1,572,896. GLUE MACHINE. ROY W. LONGLEY and WILLIAM H. GRAY, Monroe, Mich. Filed July 3, 1924. Serial No. 723,963. 5 Claims. (Cl. 91—49.)



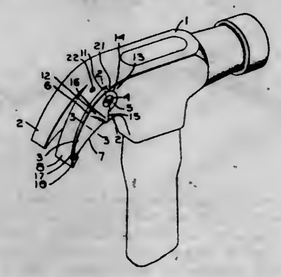
1. In a glue machine, in combination with a glue spreading means, means for conveying the article beneath the glue spreading means, a guide for controlling the spreading of the glue, a lever controlled by the movement of the article for moving the guide into glue spreading relation and a lever controlled by the article for removing the article from the glue spreading relation.

1,572,897. VARIABLE CONDENSER. RALPH E. MARBURY, Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 14, 1920. Serial No. 430,619. 4 Claims. (Cl. 250—41.)



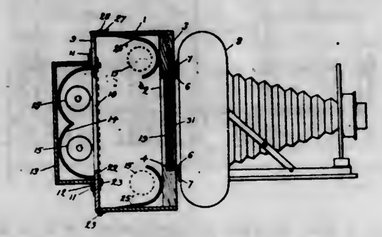
1. A condenser comprising spaced plates, corrugated washers interposed between said plates and having alined openings and a post extending through said openings and holding said plates in their relative positions.

1,572,898. COMBINED HAMMER AND KNIFE. NEIL MARTIN, Milton, Mass. Filed July 16, 1925. Serial No. 44,096. 6 Claims. (Cl. 7—8.)



6. A combined hammer and knife comprising a hammer head having a claw provided with a recess in one side face, a knife blade in said recess pivoted to the claw, the side face of the knife blade coming flush with the side face of the hammer, and said blade having a shape corresponding to that of the claw.

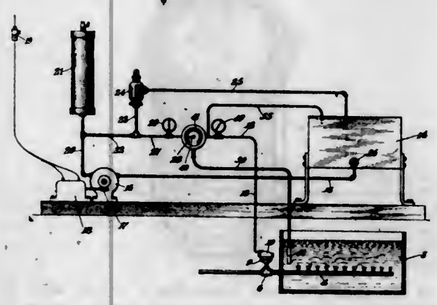
1,572,899. UNIVERSAL ART CAMERA. MICHAEL S. MASTRUKOFF, New York, N. Y. Filed May 5, 1925. Serial No. 28,153. 3 Claims. (Cl. 88—24.)



1. In an universal art camera, the combination with a chamber, the front wall of said chamber being provided with an aperture and adapted to be detachably connected to an ordinary photographic camera taking place of a rear cover of said camera, means to support a negative of a picture in said aperture, lamps on the side of said chamber, reflectors for said lamps, said lamps and said reflectors being placed so as not to obstruct said aperture, but adapted to throw the light on the rear wall of said chamber, detachable connections between said rear wall and said chamber, said rear wall being provided with an aperture, means to support a picture against said rear wall, a second chamber attached to said rear wall, and means to support said lamps in said second chamber in front of said apertures in said rear wall.

1,572,900. AUTOMATIC CONTROL SYSTEM. HERBERT MILKER, Brooklyn, N. Y., assignor to American Schaeffer & Budenberg Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Aug. 24, 1923. Serial No. 659,132. 3 Claims. (Cl. 236—20.)

1. A fluid pressure operated automatic controlling arrangements having in combination, a conduit in which the fluid is kept under substantially constant pressure, a pump for pumping the fluid into said conduit under pressure, a sump serving as a source of the fluid for said pump, a pressure releasing valve connected to said conduit and sump adapted to return fluid from the said conduit to the sump when the pressure in said conduit exceeds a predetermined value, a control valve connected to said conduit under pressure, a main valve to be operated, said last mentioned valve having pressure operating means to operate it which is connected to said control valve whereby when the control valve is open the fluid under pressure will operate said main valve, fluid



pressure operated means for operating said control valve, and a conduit containing fluid, the pressure of which is adapted to vary to operate said fluid pressure operated means.

1,572,901. DENTAL CLAMP. ROBERT E. L. MILLER, Front Royal, Va. Filed May 9, 1925. Serial No. 29,070. 4 Claims. (Cl. 32—7.)

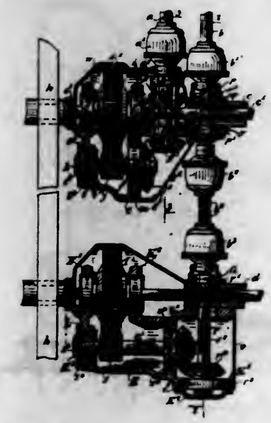


1. In a dental clamp, the combination of a body, two arms pivotally mounted at opposite ends of said body and provided with means to engage with opposite sides of an article extending from side to side of a patient's mouth, the axes of the pivots of these arms being in the same plane, and a third arm pivoted to said body substantially between the pivots of said two arms, the axis of this third arm's pivot being substantially at right angles to the said axes of the other two pivots, this third arm being adapted to press against the under side of a patient's chin in clamping relation to the other two arms, and means to hold these arms in their clamping relation.

1,572,902. TURPENTINE SUBSTITUTE AND PROCESS OF MANUFACTURING. CLAYTON C. MONGER, Camden, Ark. Filed Jan. 6, 1925. Serial No. 802. 12 Claims. (Cl. 134—56.)

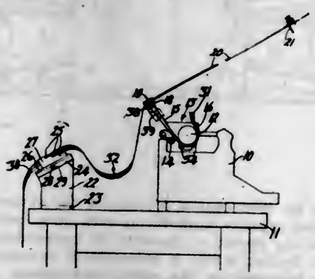
9. A process for manufacture of a turpentine substitute comprising distilling an acidulated mixture of resin and naphtha.

1,572,903. DRIVE FOR MOTOR VEHICLES. ASOR D. ROBBINS, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Aug. 6, 1925. Serial No. 48,490. 2 Claims. (Cl. 180—22.)



1. In a dual rear axle drive, the combination with a pair of rearwardly extending propeller shafts, of housings for the respective axles, short shaft sections journaled in one of the housings and connected with the respective propeller shafts, a transversely extending short shaft carried with the housing, a differential gear, operative connections between the transverse shaft and the differential gear, operative connections between one of the short shaft sections and the driven shaft.

1,572,904. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed May 25, 1922. Serial No. 563,501. 15 Claims. (Cl. 197—126.)



1. The combination in a typewriting machine having a rotary platen and a traveling carriage for moving the platen in letter-space and return directions, of a carbon-holder relatively to which the carriage travels, and means for line-feeding around the platen plies of web that are interleaved with carbons, said plies being threaded through the carbon-holder, said carbons being fastened at their rear ends to said carbon-holder, said carbon-holder and said traveling carriage being spaced apart and holding by its ends a loop or slack of web and carbons having sufficient surplus length both to provide a supply for the line-by-line feed around the platen of the leading form-section of the web during the typing operation, and also to allow for reciprocation of the carriage.

1,572,905. IMPREGNATING WOOD. OTHO V. STEWART, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 16, 1920. Serial No. 481,289. 5 Claims. (Cl. 91—68.)

2. A method of impregnating wood which consists in impregnating the same with a wax at an elevated temperature, and subsequently subjecting the same to impregnation with a gummy material at a higher temperature.

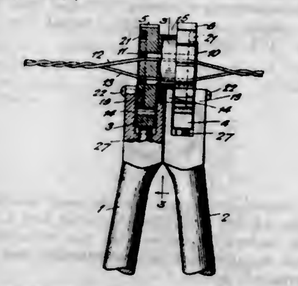
4. Wood, the inner portions of which are impregnated with paraffin and the outer layers of which are impregnated with asphalt.

1,572,906. ELECTRIC-LIGHT-GLOBE SOCKET. HERMAN L. STRONGSON, Brooklyn, N. Y., assignor of one-half to Bernard D. Colen, New York, N. Y. Filed June 23, 1921. Serial No. 479,804. 35 Claims. (Cl. 173—335.)



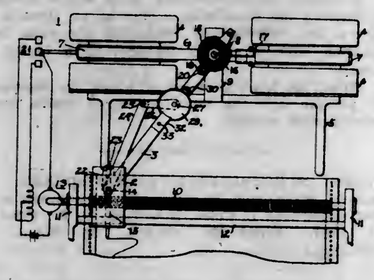
1. In an electric socket fixture comprising a body, said body provided with a suitable number of receptacles for receiving globes or other electric appliances, a plug made on the body by which the fixture is attached to a current supply fixture, the said receptacles having an internal wall made of non-conducting material, and the said plug made with its external surface formed of non-conducting material, and a pair of metallic contact parts within the body, one part being centrally exposed within each receptacle and centrally exposed on the end of the aforesaid plug, and the other part being exposed along the external surface of the plug and the internal surface of the receptacles.

1,572,907. TWISTING DEVICE. WILLIAM BOND TAYLOR, Carbonear, Newfoundland, assignor of one-fourth to Frank P. Pike and one-fourth to Albert E. Penney. Filed May 13, 1925. Serial No. 29,952. 4 Claims. (Cl. 140—119.)



1. In a twisting device, a hub having a pair of slots to receive wires to be twisted together, said hub also being provided on each end with a groove, a pair of handles, a collar having an opening therein and secured to each handle and running in one of the grooves in the hub to form a journal for its handle, a ratchet wheel for each handle on said hub, and a pawl carried by each handle and cooperating with one of said ratchet wheels

1,572,908. GRAPHIC METER. VICTOR H. TODD, Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 28, 1922. Serial No. 597,542. 10 Claims. (Cl. 234—5.5.)



10. A graphic meter comprising a Kelvin balance actuated in accordance with a quantity of a circuit to be measured, a rectilinearly movable recording device controlled by said balance to move in accordance with variations in said quantity, an arm pivoted coaxially with the axis of movement of the balance and relatively movable with respect to the latter, a spring connected between said arm and said balance to oppose movement of the balance in accordance with the position of the recording device and means constituting an adjustable connection between the free end of said arm and the recording device for varying the effect on said spring of given movements of the recording device.

1,572,909. ARTIFICIAL FUEL. UDO VON PORTEN, St. Louis, Mo. Filed Feb. 24, 1925. Serial No. 11,151. 2 Claims. (Cl. 44—23.)

1. An artificial fuel consisting of dried organic refuse, a hydrocarbon distillate, a combustible binder, and a non-combustible diluent in substantially the following proportions by weight:

	Per cent.
Animal or vegetable refuse	75
Hydrocarbon distillate	2
Combustible binder	18
Common clay	5
Total	100

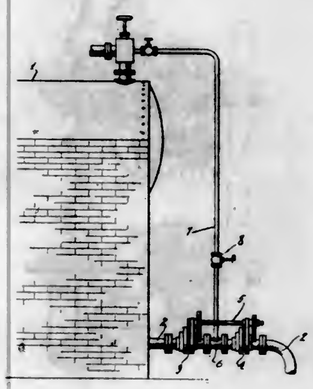
1,572,910. THERMIONIC DEVICE. ARTHUR LESLIE WILSON, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 21, 1921. Serial No. 463,231. 9 Claims. (Cl. 250—27.)



5. In a thermionic device, an enclosed envelope comprising walls of non-conducting material and a reinforcing metallic material integral with the containing walls thereof, said metallic material constituting one electrode of said thermionic device.

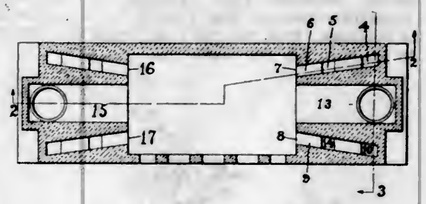
1,572,911. BOILER BLOW-OFF APPARATUS. WYLIE G. WILSON, Jersey City, N. J. Filed Apr. 16, 1925. Serial No. 23,502. 3 Claims. (Cl. 137—144.)

1. In a boiler blow-off system, a blow-off pipe leading from the boiler with two valves interposed in said pipe, one being nearer the boiler and the other farther removed therefrom, and means to operate said valves, means to introduce steam pressure from the boiler to the blow-off pipe between said valves, and means to control said flow of steam pressure, so that when said valves are closed



and steam pressure is introduced into said pipe between said valves, the valve nearer the boiler may be opened in balance between the water in the boiler and such steam pressure.

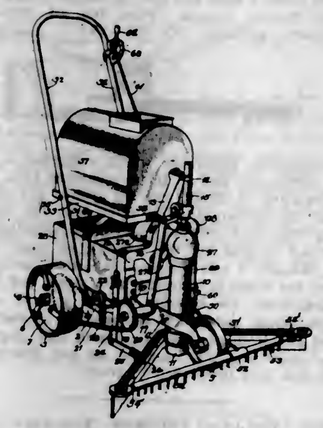
1,572,912. FURNACE USED IN CONNECTION WITH THE MAKING OF STEEL. NICKOLAS F. EGLER, Chicago, Ill. Filed Jan. 20, 1922. Serial No. 530,522. 13 Claims. (Cl. 263—15.)



13. In an open hearth furnace of the reversible type having two opposite heads facing each other, each of said heads having therein a plurality of horizontally extending fuel feeding ports, a horizontally extending outlet chamber intermediate the ports, transversely extending air and gas flues, upwardly extending passages between each port and the flues, and a passageway extending between the air flue and the outlet chamber intermediate the air passages.

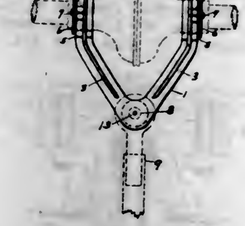
1,572,913. MOPPING AND RINSING MACHINE. WALTER S. FINNELL, Hannibal, Mo., assignor to American Scrubbing Equipment Company, Hannibal, Mo., a Corporation of Delaware. Filed Apr. 9, 1923. Serial No. 630,755. 8 Claims. (Cl. 15—98.)

2. In a mopping machine, the combination of a wheeled truck having a base frame and an upper platform, a receiving tank on the base frame, a pump mounted at the front of the latter and discharging into said tank, a squeegee embracing the suction end of the pump, a water pipe arranged to discharge in front of the squeegee, and extending to the upper platform of the truck, and a clean water tank removably mounted upon said platform and



having an outlet registering with the end of the water pipe, with provisions for effecting a separable water-tight joint including clamping means.

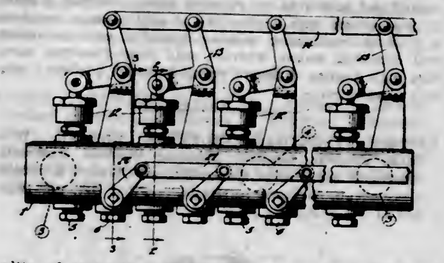
1,572,914. DRIVE-AWAY TOWING FIXTURE. WALTER P. FLEMING, Detroit, Mich. Filed May 11, 1925. Serial No. 29,452. 5 Claims. (Cl. 280—33.44.)



1. A towing fixture adapted for attaching a towing device to the rear axle housing of an automobile, comprising a V-shaped frame having both ends thereof the same length and parallel to each other, a U-socket formed on each end of said frame for hooking over the axle housing, spring clips attached to the U-sockets for holding same on the axle housing, and means for attaching a draw bar of a towing device to the opposite end of the frame.

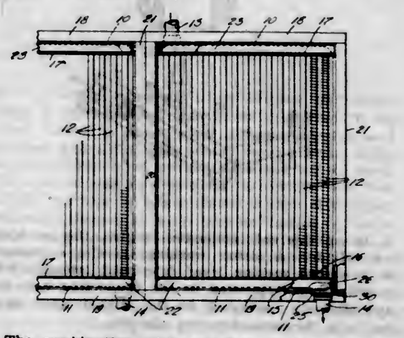
1,572,915. DISCHARGE MECHANISM FOR BITUMINOUS DISTRIBUTORS. ANTHONY FRICKER, Lakewood, Ohio. Filed May 7, 1919. Serial No. 295,319. 8 Claims. (Cl. 299—34.)

1. In a device of the character described, a distributing manifold provided with a plurality of gangs of discharge outlets, the outlets of each gang being distributed at intervals along the length of the manifold, and a plu-



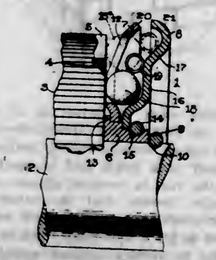
rality of separate controlling means, one for all of the outlets of each gang.

1,572,916. RADIATOR OR THE LIKE. WILLIAM J. GAMBLE, East Orange, N. J., assignor, by mesne assignments, to Carrier Construction Company, Inc., Newark, N. J. Filed Aug. 11, 1923. Serial No. 656,897. 8 Claims. (Cl. 257—154.)



8. The combination with a radiator having a flexible wall, of a pipe fitting attached to said wall and adapted for the connection of a pipe therewith, a protecting frame for said radiator, said pipe fitting having a portion with non-circular recessed sides loosely entering an opening in said frame, and members projecting into said recessed sides and adapted to be stationarily secured to said frame for holding said pipe fitting against movement in one or more directions relatively to said frame.

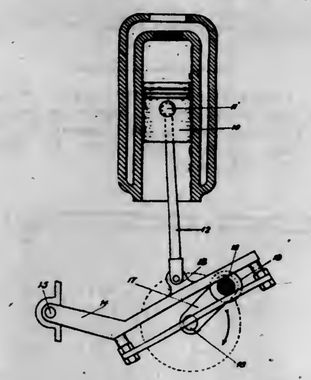
1,572,917. SHORT-CIRCUITING DEVICE. GEORGE H. GARCELON, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 30, 1923. Serial No. 648,714. 14 Claims. (Cl. 172—279.)



1. The combination with a rotor of a dynamo-electric machine having a plurality of circumferentially disposed contact members of a closed-circuiting device secured to

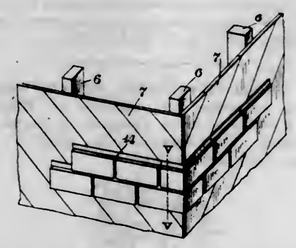
said rotor, said close-circuiting device comprising a plurality of close-circuiting members adapted to move under centrifugal action to an outward close-circuiting position in engagement with a plurality of said contact members, a yielding restraining member opposing said movement, and retaining means whereby said close-circuiting members may assume different circumferential positions relative to said rotor.

1,572,918. INTERNAL-COMBUSTION ENGINE. WILLIAM FRANCIS GEDDES, Subiaco, Western Australia, Australia, assignor of three-eighths to Walter Schofield, Bassendean, Western Australia. Filed Oct. 28, 1924. Serial No. 745,350. 4 Claims. (Cl. 74—14.)



1. In an internal combustion engine, the combination of a cylinder, a piston working therein, a connecting rod, a slotted rocking lever fulcrumed laterally left of the cylinder and pivoted to the connecting rod, and a crank slidingly connected to the slotted lever and rotated in a clockwise direction thereby.

1,572,919. TILE. CLARENCE D. GEESE, Columbus, Ohio. Filed Feb. 3, 1923. Serial No. 616,738. 1 Claim. (Cl. 72—19.)



A pair of tiles each in imitation of a plurality of ordinary brick in break joint arrangement, one of said tiles having an upper angular corner section representing the face and end of a brick and projecting beyond the main body of the tile in vertical planes coinciding with and at an angle thereto and the other of said tiles having a lower angular corner section representing the face and end of a brick and projecting beyond the main body of the tile in vertical planes coinciding with and at an angle thereto and adapted to engage the first mentioned projecting corner section to represent two laid-up corner brick.

1,572,920. COMBUSTION APPARATUS AND METHOD. GEORGE CARLETON GEROW, Ottawa, Ontario, Canada, assignor of eight-twentieths to William Joseph Press, one-twentieth to William C. Arnold, one-twentieth to James Lewis Kemp, and two-twentieths to Edith Press, all of Ottawa, Canada. Filed Jan. 16, 1925. Serial No. 2,809. 1 Claim. (Cl. 158—28.)



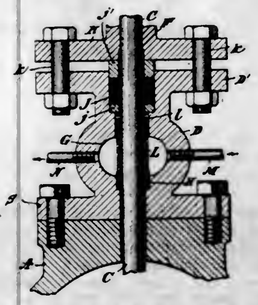
A combustion apparatus which comprises a jacketed burner having air and oil inlets separated by a baffle for the circulation of the air current around the combustion zone of the burner, and an inlet into the combustion zone in line with the oil inlet, in combination with a steam coil located in the combustion zone and connected through a steam generator with a water supply, whereby the water is converted into steam and the steam is superheated, an injector having a duct connected with the steam coil and a surrounding channel for the oil, and an oil supply connected with said channel, said injector delivering the atomized oil and steam through the oil inlet into the jacketed burner.

1,572,921. WELDING PROCESS. LAWRENCE GIZIENSKI, Curtisville, Pa. Filed Apr. 2, 1925. Serial No. 20,089. 2 Claims. (Cl. 78—92.)



1. The process of welding rod ends and preventing oxidation of the surfaces to be welded, consisting in first coupling the two ends in relatively permanent engaging position, incasing said ends in a protective covering, heating the whole to yielding temperature, removing the covering, and finally welding the ends together without displacing them from their original coupled position.

1,572,922. BALANCED PACKING FOR SHAFTS. FRANCIS X. GOVERS, New York, N. Y., and EDWARD R. HEWITT, Midvale, N. J. Filed May 22, 1919. Serial No. 298,847. 8 Claims. (Cl. 251—50.)



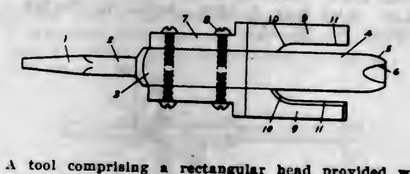
8. In combination with a valve, packing for the valve stem, a collar and a spring cooperating to hold said packing in position, a valve stem, a chamber surrounding said valve stem, a recess on the valve side of said chamber for receiving said packing and a bore for the introduction of said packing on the opposite side of said chamber, a relatively larger second packing and means to hold said second packing under predetermined pressure, and means for circulating liquid in said chamber subject to the pressure of the fluid within the valve casing.

1,572,923. STEERING WHEEL. JOHN H. HAMMES, Detroit, Mich., assignor to Sewell Cushion Wheel Company, Detroit, Mich., a Corporation of Delaware. Filed Sept. 27, 1922. Serial No. 590,780. 1 Claim. (Cl. 74—33.)



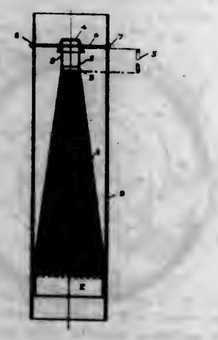
A steering wheel for automobiles and the like having an all-wood spider comprising upper and lower continuous sheets of wood veneer, and filler members between composed of a plurality of strips of wood of lesser area shaped and fitted together to conform with the shape of the outer veneer sheets, the outer sheets and filler strips being cemented to form a unitary structure and simultaneously curved to bring the extremities of the spider into a different plane from the central hub portion thereof.

1,572,924. PIPE-END-FORMING TOOL. LAWRENCE J. HAND and HENRY G. PASS, Dayton, Ohio. Filed Oct. 14, 1924. Serial No. 743,637. 1 Claim. (Cl. 77—73.5.)



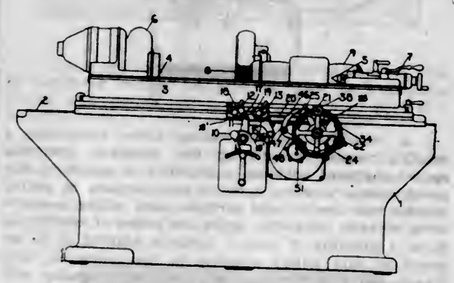
A tool comprising a rectangular head provided with a shank adapted to be received in a rotary tool holder, a reamer forming a continuation of the head, substantially L-shaped cutters disposed at diametrically opposite points of the reamer, and an attaching element carried by the shorter legs, an attaching element formed with the shorter leg of each of the L-shaped cutters and having their end faces flattened throughout their lengths and contacting with the head, fastenings detachably connecting the attaching elements with the head, the cutters being provided with continuous cutting edges, the major part of the length of such cutting edges being spaced from the reamer and their inner ends extended to the latter.

1,572,925. FIRE PREVENTER. EDITH HARTEAU, Sobieski, Wis. Filed Mar. 9, 1925. Serial No. 14,337. 1 Claim. (Cl. 183—72.)



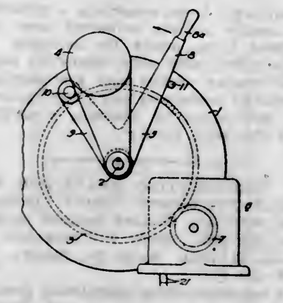
The combination in a separator, of a conical perforate member, a cylindrical imperforate member depending therefrom, a conical cap member extending above said perforate member and spaced therefrom, spacing members including supports extending from the cap member to said perforate member and from which supports said perforate member depends, and means extending through said cap member to hold the separator in position.

1,572,926. GRINDING MACHINE. JAMES N. HEALD, ALBERT TURNER, and GEORGE C. KIMMEL, Worcester, Mass., assignors to The Heald Machine Company, Worcester, Mass., a Corporation of Massachusetts. Filed Oct. 7, 1922. Serial No. 593,113. 6 Claims. (Cl. 51—165.)



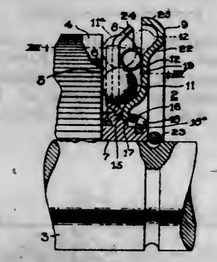
1. In a grinding machine, wheel feeding mechanism comprising a ratchet-wheel operatively connected to the main feed screw, a hand wheel concentric with said ratchet-wheel and a rotatable pinion carried peripherally by said hand wheel and movable into and out of mesh with the teeth of said ratchet-wheel, in combination with a cylindrical member of larger diameter than said pinion and rotatable therewith, said member having a series of spaced peripheral depressions, and a spring-pressed pin adapted to enter said depressions to restrain rotation of said pinion, whereby to form a substantially positive lock between said hand wheel and said ratchet-wheel except when said pinion is seized and axially turned to overcome the friction of said pin, in the act of adjusting the hand wheel relative to the ratchet-wheel.

1,572,927. CONTROL APPARATUS. RUDOLF E. HELLMUND, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 2, 1919. Serial No. 327,934. 4 Claims. (Cl. 172—288.)



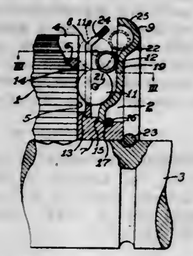
4. Multi-position control apparatus comprising a rotatable shaft, an impelling weight and a gear-wheel secured to said shaft, an induction brake having a rotatable member meshing with said gear-wheel, and a handle member having a projection for restraining the impelling movement of said weight at will.

1,572,928. SHORT-CIRCUITING DEVICE. WALTER H. HIMES, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 30, 1923. Serial No. 660,120. 29 Claims. (Cl. 172—279.)



1. A centrifugal contact-making device comprising a rotating member comprising two members providing spaced abutment surfaces, a plurality of annularly disposed rolling members between said surfaces in rolling contact with one of said surfaces, said rolling members being movable outwardly under the action of centrifugal force, a plurality of contact members adapted to be engaged by said rolling members in the course of their travel, and anti-friction means yieldably engaging said rolling members in rolling engagement therewith and with the other abutment surface for yieldably opposing the centrifugal movement of said rolling members.

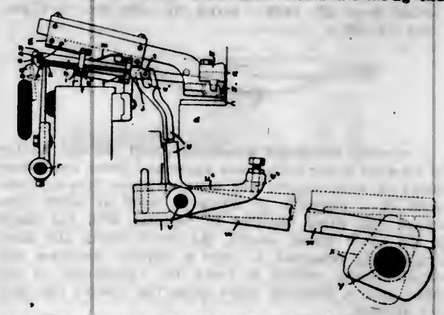
1,572,929. SHORT-CIRCUITING DEVICE. WALTER H. HIMES, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 25, 1924. Serial No. 708,903. 16 Claims. (Cl. 172—279.)



1. A centrifugal device comprising a cylindrical roller which is movable radially outwardly under the action of centrifugal force, means for providing a surface against which said roller rolls, means for providing an idler roller bearing against said first-mentioned roller and for yieldably restraining said roller against outward movement, and means for providing a surface against which said idler roller rolls.

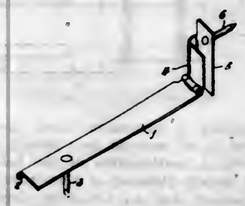
1,572,930. WEFT-CUTTING MEANS FOR AUTOMATIC WEFT-REPLENISHING LOOMS. DENIS MACHELL HOLLINS, Blackburn, England, assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed June 14, 1924. Serial No. 720,021. 9 Claims. (Cl. 139—266.)

1. In an automatic filling replenishing loom, a temple thread cutter having relatively movable thread cutting means, means tending to place said thread cutting means in operative position, means for holding the thread cutting means in inoperative position during the normal operation of the loom, means, operable by the mechanism for changing the operation of the loom during its restoration to normal position after call for transfer, to release said thread cutting means from inoperative position and means for actuating the thread cutting means when released to cause the same to sever the filling ends



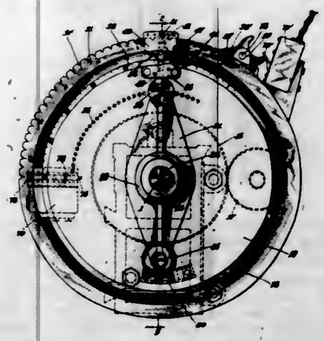
extending from the selvage upon the first pick after transfer and thereupon to restore said thread cutting means to inoperative position.

1,572,931. FASTENER FOR STAIR CARPETS AND THE LIKE. CHARLES ERNEST JOHNSON, Hale, England. Filed Sept. 3, 1924. Serial No. 735,538. 1 Claim. (Cl. 16—10.)



A fastener for stair carpets and the like comprising a metal strip having a longitudinal flange adapted to embrace the extreme edge of the carpet, another plate pivotally connected to one end of said first plate, a base-plate connected therewith by means of a web, a spike carried by the first mentioned plate and said base plate and a socket in the "tread" and riser for the reception of said spikes, substantially as herein described.

1,572,932. COUNTING HEAD. HARRY C. JONES, Larchmont, N. Y., assignor to Lithoprintex Corporation, New York, N. Y., a Corporation of New York. Filed Feb. 21, 1924. Serial No. 694,194. 16 Claims. (Cl. 235—132.)

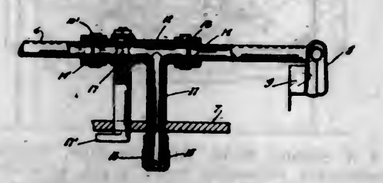


1. In a counting head, the combination of a shaft the rotations of which are to be counted, a pair of differential gears geared together, a first index member for indicating fractional revolutions connected to one of said differential gears and adapted therewith to rotate relative to the shaft, a second index member for indicating complete revolutions free to rotate with respect to said shaft and the other of said differential gears, and means for selectively locking said second index member to the other differential gear, whereby with said first index member connected to its gear and when said second index member is locked to its gear, and said second index member is rotated, the two index members are caused to be moved angularly one with respect to the other for the fractional setting of the index members.

1,572,933. PROCESS FOR THE MANUFACTURE OF CERTAIN ALBUMINS AND FATTY MATTERS. MAURICE KAHN, Paris, France, assignor to Société Française des Produits Alimentaires Azotés, Paris, France. Filed Apr. 14, 1925. Serial No. 23,146. 3 Claims. (Cl. 99—11.)

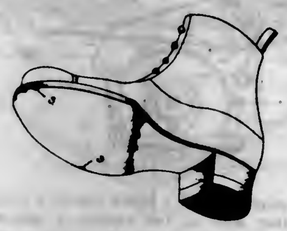
3. A process for obtaining certain albuminous and fatty matters from products of animal or vegetable origin which consists in adding 10 per thousand by weight of toluene and a like weight of chloroform to such products, and subjecting such mixture to autolysis.

1,572,934. OIL TUBE FOR MOTOR VEHICLES. HENRY C. KARSTENS, Shelby County, near Avoca, Iowa. Filed Mar. 24, 1924. Serial No. 701,435. 2 Claims. (Cl. 137—70.)



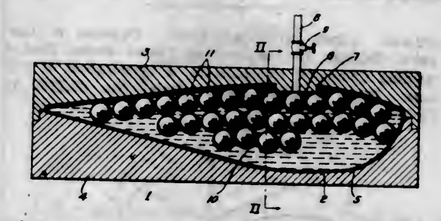
1. An oil tube for a crank case comprising a member having a T-head interposed in said tube and having coupling sleeves for removably mounting said member in said tube, an integral branch pipe extending from said T-head and having its outer end arranged for attachment to an air hose, covering means on the outer end of said pipe, and a cut off valve mounted in said member at one side of said branch pipe and having a handle outside of said crank case to direct all air through said pipe in one direction through said tube.

1,572,935. SHOE-SOLE PROTECTOR. LE ROY D. KREHN, Chicago, Ill. Filed May 31, 1924. Serial No. 716,960. 1 Claim. (Cl. 36—74.)



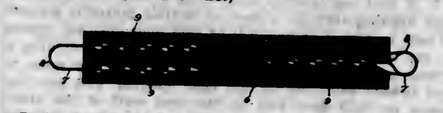
A shoe having a sole provided with an obliquely inclined opening extending from the lower edge of the sole, in combination with a wear resisting means comprising a stud fitting said opening and having a conform head at one end of its shank and a split point at the other end adapted to spread apart in a final driving operation on the stud.

1,572,936. METHOD OF MOLDING. ROBERT KEMP, Chicago, Ill., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 23, 1921. Serial No. 494,517. 4 Claims. (Cl. 18—55.)



1. Apparatus for use in molding comprising a pressure-applying member composed in part of a material having a relatively low fusing point and in part of a material having a relatively high fusing point.

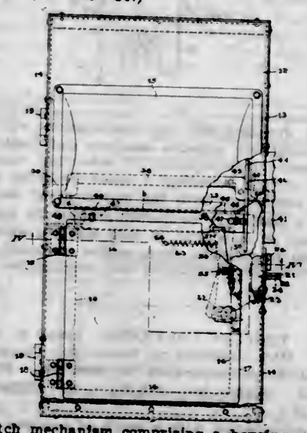
1,572,937. STRAIN INSULATOR. WILLARD H. KEMPTON, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 10, 1918. Serial No. 249,848. 7 Claims. (Cl. 173—28.)



5. A strain insulator comprising a rod formed of superimposed layers of sheet material impregnated with a hardened binder and wires bent to form loops and having their ends twisted and molded into the ends of the rod.

6. An insulator comprising a hard molded insulating body including elements therein having portions extending substantially parallel to its load axis and portions, constituting longitudinal continuations of said first portions, that are laterally waved or bent, and a terminal member embodying an intermediate loop portion and ends having laterally-extending portions disposed between said waves or bends for interlocking the insulating body and terminal member against the load forces.

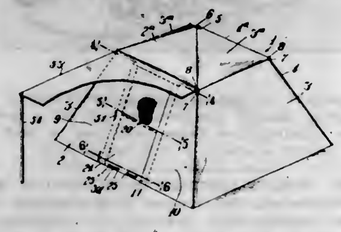
1,572,938. SWITCH MECHANISM. HUBERT K. KRANTZ, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 18, 1922. Serial No. 555,140. 6 Claims. (Cl. 200—50.)



6. Switch mechanism comprising a housing, a movable switch member, a movable door for the housing, an interlock member movably mounted on the housing for alter-

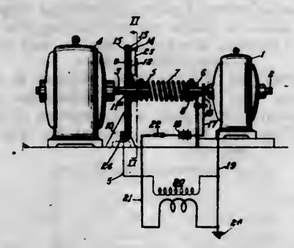
nately preventing predetermined movements of the door and switch member, a latch carried by the door and means actuated by the closing movement of the door for moving the latch into operative engagement with the interlock member.

1,572,939. TENT CONSTRUCTION. CHARLES B. LEFFERT, Chicago, Ill., assignor to United States Tent & Awning Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 9, 1925. Serial No. 67,713. 11 Claims. (Cl. 135—14.)



1. A tent construction embodying a tent wall having a door opening therein, a door of flexible material secured to said tent wall at one side of said door opening, means at the top and bottom of said door opening providing a sliding bearing for said door which permits the same to fold toward said side of said door opening, and coacting means on said door and on the tent wall of the other side of said door opening for securing the free margin of said door thereto in a manner closing said door opening.

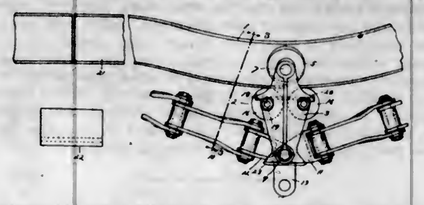
1,572,940. TRANSMISSION DYNAMOMETER. JOSEPH W. LEGG, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 14, 1921. Serial No. 437,171. 7 Claims. (Cl. 265—25.)



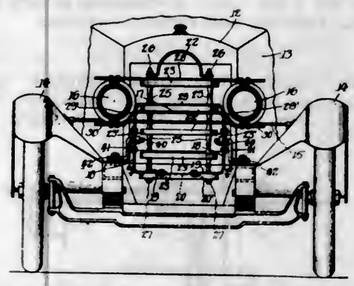
1. In a dynamometer, the combination with a plurality of relatively movable members and yieldable connecting means therebetween, of indicating means comprising a circuit including a space-discharge electrode moved in accordance with the movement of one of said members, a stationary co-operating electrode conforming to the path of movement of said movable electrode in spaced relation thereto, and means actuated by the other member for controlling the energization of said circuit.

1,572,941. TROLLEY CONVEYER. JESSE E. MCBAIDE, Detroit, Mich., assignor to Palmer-Bee Company, Detroit, Mich., a Corporation of Michigan. Filed Jan. 2, 1923. Serial No. 610,331. 17 Claims. (Cl. 105—154.)

2. The combination with a track, of a power propelled trolley suspended from said track at one longitudinal point in its length, means secured to said trolley for propelling the same, and means upon said trolley, offset from the vertical plane through the point of suspension of said trolley and engageable with said track for limiting the upward movement of said trolley relative to said track.

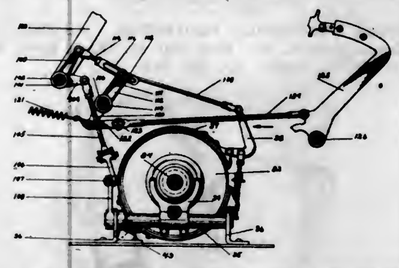


1,572,942. RADIATOR AND LAMP FENDER FOR AUTOMOBILES. ROBERT ROY MCGREGOR, Chicago, Ill. Filed Apr. 10, 1925. Serial No. 22,039. 13 Claims. (Cl. 293—54.)



3. A radiator fender for automobiles, comprising a substantially rectangular frame, a pair of vertical tie-rods mounted in the upper and lower members of said frome equally spaced inwardly from the side members thereof, a group of forwardly bowed spring fender bars having rearwardly looped end portions terminating in eyes encircling said tie-rods, and spacing sleeves on said tie-rods between adjacent fender bars.

1,572,943. TRACTOR. CHARLES W. MCKINLEY, Toledo, Ohio, assignor to The Willys-Overland Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 22. 1920. Serial No. 425,769. 4 Claims. (Cl. 180—9.2.)

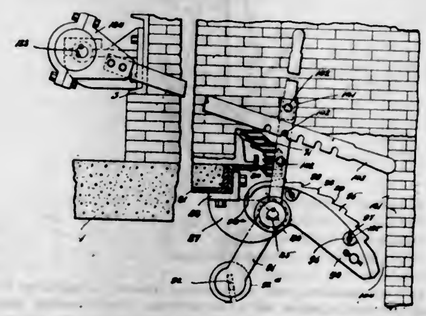


1. In a motor vehicle, a power source, a traction member on either side of the vehicle, a separate clutch adapted to connect either of said traction member to the power source, a pair of independently movable transverse rock shafts adapted to operate said clutches, a brake for each traction member, a second pair of independently movable shafts adapted to operate said brakes and a connection between each of the first pair of rock shafts and one of the second pair of rock shafts.

1,572,944. PROCESS OF SOFTENING WATER. MARTIN F. NEWMAN, Oakmont, Pa., assignor to Wm. B. Scaife & Sons Company, Oakmont, Pa., a Corporation of Pennsylvania. Filed Apr. 19, 1924. Serial No. 707,770. 5 Claims. (Cl. 210—23.)

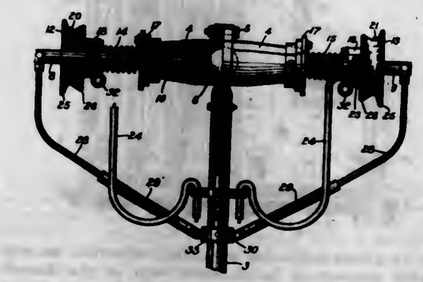
1. The process of treating feed water for boilers, comprising the steps of first with suitable reagents neutralizing acids and precipitating hardening substances, and thereafter adding to such a treated water an acid sulphate to reduce the alkalinity further.

1,572,945. AUTOMATIC-STOKER DUMPING GRATE. OSCAR O. NYGAARD, Boston, Mass., assignor to Combustion Engineering Corporation, New York, N. Y., a Corporation of New York. Original application filed June 15, 1918, Serial No. 240,160. Divided and this application filed Apr. 12, 1919. Serial No. 289,681. 11 Claims. (Cl. 110—32.)



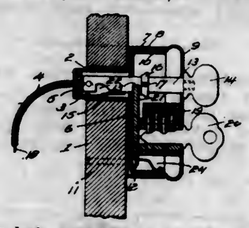
9. In a stoker furnace having fuel feeding and grate actuating means, an automatic rocking dumping grate for use therein, a wall, said dumping grate and wall defining a refuse discharge opening at one end of the grate, and means for adjusting the amount of rocking motion, the angular tilt of said dumping grate, and the size of the refuse discharge opening, without alteration of the amount of movement or speed of the fuel feeding or grate actuating means in the stoker when making such adjustments.

1,572,946. TROLLEY POLE. CHARLES C. OWENS and RALPH L. HERMANN, Detroit, Mich., assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 17, 1921. Serial No. 523,097. 5 Claims. (Cl. 191—57.)



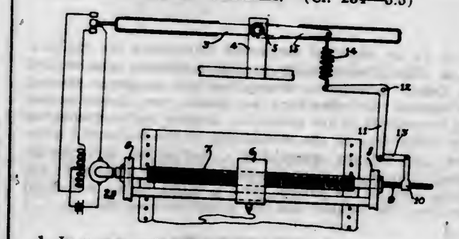
1. The combination with a trolley pole, of a cross-head pivotally supported thereon, two current collectors disposed at opposite sides of the trolley pole, and a guard arm extending from each end of the cross-head to a point upon the trolley pole, said guard arms each comprising two telescopic sections.

1,572,947. MOTOR LOCK. JOHN D. PARDOE, Memphis, Tenn., assignor of one-half to Robt. T. Cameron, Memphis, Tenn. Filed Jan. 30, 1925. Serial No. 5,903. 5 Claims. (Cl. 251—6.)



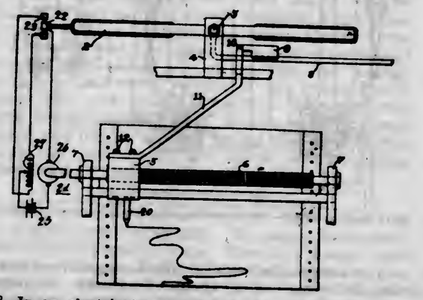
3. A motor lock comprising a spring closed fuel feed valve, operating means therefor adapted to be locked in various predetermined positions, a pivoted connection between the valve and operating means, and means to automatically release the connection to permit closing of the valve upon undue movement of the operating means.

1,572,948. GRAPHIC-METER-CONTROL MECHANISM. RAYMOND T. PIERCE, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 11, 1922. Serial No. 574,259. 5 Claims. (Cl. 234—5.5)



1. In a measuring instrument, the combination with a rotatable shaft and a Kelvin balance to be energized in accordance with a circuit to be measured for controlling the operation of the shaft, of means for opposing movement of the balance, including a spring and an auxiliary rotatable member responsive to rotation of the shaft.

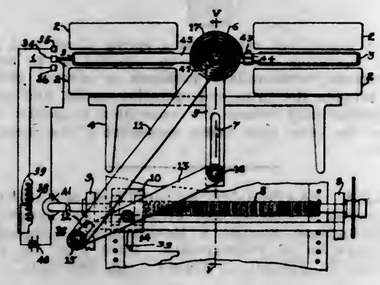
1,572,949. GRAPHIC-METER-CONTROL MECHANISM. RAYMOND T. PIERCE, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 11, 1922. Serial No. 574,260. 8 Claims. (Cl. 234—5.5.)



8. In an electrical measuring instrument, the combination with a rectilinearly-movable indicating member and a Kelvin balance for controlling the movement thereof, of means including a lever-arm projecting from the

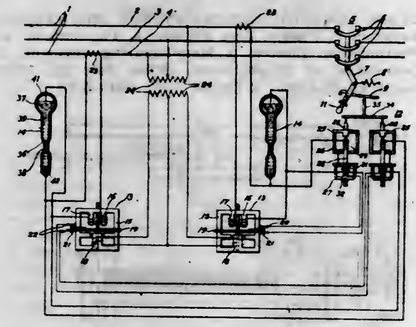
balance from a position adjacent to the pivot axis thereof, and a weight member movable along the arm for opposing forces caused by movement of the balance by proportionately varying forces in accordance with the direction and extent of movement of the indicating member.

1,572,950. GRAPHIC-METER-CONTROL MECHANISM. RAYMOND T. PIERCE, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 11, 1922. Serial No. 574,261. 9 Claims. (Cl. 234—5.5)



9. In an electrical measuring instrument the combination with a rectilinearly-movable indicating member and a Kelvin balance for controlling the operation thereof, of means for affecting the balance by forces caused by movements of the indicating member and compensating for differences in the movements of the indicating member and balance comprising a lost-motion link mechanism including a member loosely pivotally related to the pivot axis of the balance, and a spiral spring connected between the balance and the loosely-pivoted member.

1,572,951. RELAY-TRIPPING SYSTEM. RAYMOND T. PIERCE, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 5, 1923. Serial No. 672,884. 16 Claims. (Cl. 175—294.)

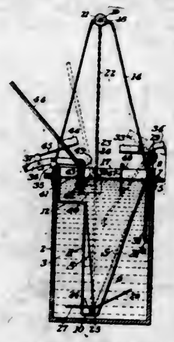


1. The combination with an alternating-current power-directional relay, of a circuit interrupter controlled thereby, direct-trip means for said interrupter and means including a time-limit relay co-operating with the tripping means for delaying the action of said circuit interrupter under conditions of reversed power.

1,572,952. DRYING CALCIUM HYPOCHLORITE COMPOUNDS. GUSTAV PISTOR, Griesheim-on-the-Main, Germany, assignor to Chemische Fabrik Griesheim-Elektron, Frankfort-on-the-Main, Germany. Filed Mar. 26, 1925. Serial No. 18,628. 8 Claims. (Cl. 23—86.)

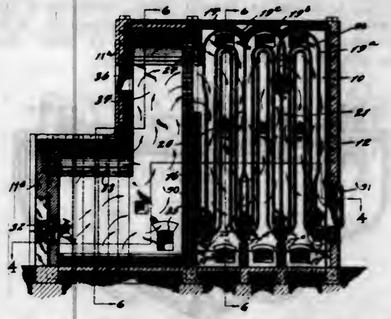
1. The method of drying calcium hypochlorite compounds, consisting in preliminarily drying the said compounds by treating them with heat to a small percentage of water and then mixing them with hygroscopic substances which are incapable of reacting with calcium hypochlorite under mutual decomposition.

1,572,953. GALVANIZING APPARATUS. CARL PLETSCH, Bad-Nauheim, Germany. Filed May 15, 1924. Serial No. 713,459. 7 Claims. (Cl. 91—12.5.)



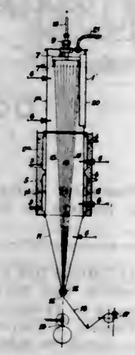
4. An apparatus for galvanizing sheets, comprising a tank for the spelter bath, a skimmer for removing the zinc ashes from the portion of the bath where the sheets emerge, means for operating said skimmer, and means engageable with the lower edge of a sheet immersed in said bath for raising said sheet through the skimmed portion of the bath, said skimmer comprising a trough through which the sheets emerge.

1,572,954. SUPERHEATER AND SETTING THEREFOR. ARTHUR D. PRATT, Short Hills, N. J., assignor to The Babcock & Wilcox Company, Bayonne, N. J., a Corporation of New Jersey. Filed July 27, 1921. Serial No. 487,857. 4 Claims. Cl. 122—485.)



1. In a fluid heater and its setting, transverse headers located adjacent to an enclosing wall of the heater, groups of U-shaped tubes connected at their ends to adjacent headers, the adjacent ends of adjacent groups being connected to a common header, some of the tubes of each group being arranged side by side to form a baffle but bent away from each other at alternate ends in successive groups, whereby the gases are directed in series over said groups of tubes.

1,572,955. PROCESS AND APPARATUS FOR THE MANUFACTURE OF ARTIFICIAL THREAD. EDMOND PAINCE, Lyon, France, assignor to La Société pour la Fabrication de la Soie "Rhodiaseta," Paris, France, a Corporation of France. Filed Oct. 11, 1923. Serial No. 667,872. 5 Claims. (Cl. 18—8.)



1. An apparatus for dry spinning artificial filaments, comprising, a die unit, means for supplying a viscous material to said die unit, a drying chamber below said die unit, and a funnel-shaped member in communication with the lower end of said drying chamber and provided with a outlet orifice at its apex for discharging the filaments issuing from the die unit, the organization being such that the filaments will be dry before reaching the funnel-shaped member.

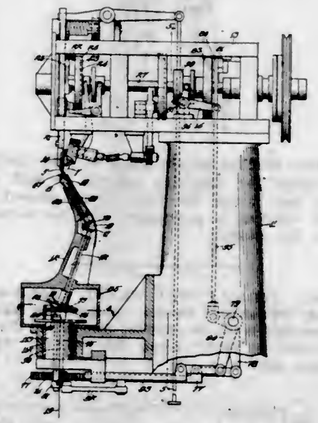
5. In a dry-spinning of artificial filaments, the process of collecting isolated filaments, which consists in causing said filaments in dry condition to fall on a conical wall thereby causing the filaments to slide toward each other.

1,572,956. STOCKING. ARTHUR G. RAFFAPORT, New York, N. Y., assignor to Goodman Bros., New York, N. Y., a Copartnership composed of Herbert M. Goodman, Arthur H. Goodman, Joel B. Goodman, and Benson H. Goodman. Filed Mar. 6, 1925. Serial No. 13,507. 1 Claim. (Cl. 2—239.)



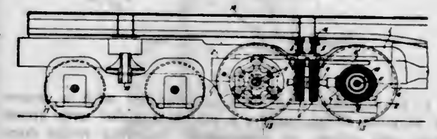
A stocking having a body portion and a normally down-turned cuff portion, said cuff portion being seamed at its upper and lower edges to said body portion to reinforce the latter and being provided with a suitable design, the circumferential line of union at one edge of the cuff portion being adjacent the top of the stocking when the latter is extended with the raw edges of the material disposed between the cuff portion and the body portion, the circumferential line of union at the other edge of the cuff portion being within the body of the stocking, whereby in the normal down-turned position of the cuff portion said design is exposed to view, and when said cuff portion is extended to prolong the stocking, said design is invisible.

1,572,957. SHOE-SEWING MACHINE. JAMES H. REED, Swampscott, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Original application filed Jan. 22, 1921, Serial No. 439,255. Divided and this application filed Aug. 12, 1921. Serial No. 491,694. 5 Claims. (Cl. 112—62.)



1. In a shoe sewing machine and in combination, a looper, operating mechanism therefor including a pair of intermeshing bevel gears, and a takeup finger located between said bevel gears.

1,572,958. TURBINE-DRIVEN LOCOMOTIVE. HUGH REID and JAMES MACLEOD, Glasgow, Scotland. Filed May 5, 1925. Serial No. 28,172. 4 Claims. (Cl. 105—38.)

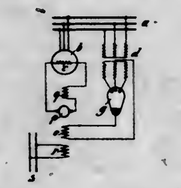


4. In a turbine driven locomotive, the combination with a rotor, of hollow shafts having driving gear connections with said rotor, disks fixed to said hollow shafts, driving elements mounted on said disks, wheeled axles passing loosely through said hollow shafts and provided with longitudinal grooves, disks loosely mounted on said axles and carrying driven elements, flexible connections between said driving and driven elements, and pins carried by said last-named disks and entering said grooves in said axles; whereby endwise and angular movements of said axles, relative to said hollow shafts, are permitted, said flexible connections comprising telescoping tubular members, and springs encircling said members, said tubular members having semi-spherical end portions and said driving and driven element having concave seats in which said end portions fit.

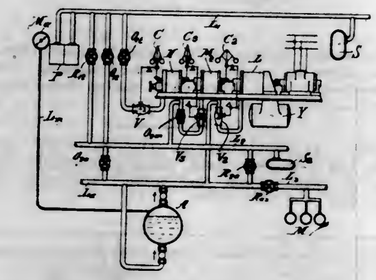
1,572,959. RAPID REGULATION OF THE VOLTAGE IN CONDUCTOR SYSTEMS. REINHOLD RÜDENBERG, Berlin-Charlottenburg, CARL TRETTIN, Berlin, and GERHARD KÖHLER, Berlin-Wilmersdorf, Germany, assignors to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany, a German Corporation. Filed Jan. 16, 1923. Serial No. 613,026. 6 Claims. (Cl. 171—119.)

1. Arrangement for rapidly regulating the voltage in mains supplied by an alternating current generator, com-

prising an alternating current generator, and exciting machine for said generator having a series field winding and a magnet system adapted to permit the exciting machine to operate at an indifferent equilibrium, an auxiliary field winding on the poles of said exciting machine, means for supplying current to said auxiliary winding, and means for varying the current in said auxiliary winding, in accordance with the voltage variations in the mains.



1,572,960. STEAM-POWER PLANT. JOHANNES KARL RUTHS, Djursholm, Sweden, assignor to Aktiebolaget Vaporackumulator, Stockholm, Sweden, a Corporation. Filed Nov. 1, 1919. Serial No. 335,112. 35 Claims. (Cl. 60—94.)

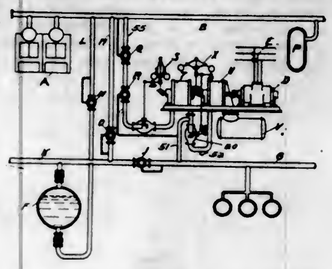


1. In a steam plant, the combination with a source of variable steam supply, a motor supplied with steam from said source, an accumulator receiving steam from said motor, and a consumer supplied by said accumulator, of pressure responsive means controlling flow of steam from said source to said motor so that steam pressure in said source is maintained constant.

29. A steam plant comprising in combination, a steam generator, a steam conduit system connected thereto, a steam consumer adapted to receive steam from said steam generator, a steam motor connected in said conduit system to receive steam from the generator, a steam accumulator connected to the motor to receive steam therefrom, a steam consumer, supplied with steam from the accumulator, means connected in the conduit system and operated by the pressure in the conduit supplying steam to the motor to increase the steam flow to the motor upon an increase of said pressure above a predetermined value, and a consumer adapted to receive steam from the said motor.

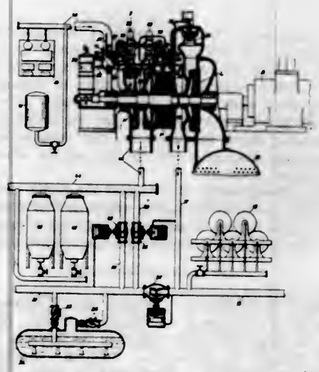
1,572,961. STEAM-ACCUMULATOR APPARATUS FOR STEAM PLANTS. JOHANNES RUTHS, Djursholm, and NILS PERSSON, Brevik, Lidingon, Sweden, assignors to Aktiebolaget Vaporackumulator, Stockholm, Sweden, a Corporation. Filed July 10, 1922. Serial No. 574,089. 22 Claims. (Cl. 60—94.)

5. In a steam plant, the combination with a source of steam, a motor and an accumulator supplied from said source, a consumer supplied both from the motor and the accumulator of automatic means to control flow



of steam from the accumulator to the consumer responsive to variations of pressure in the steam supplied from the motor.

1,572,962. STEAM-ACCUMULATOR PLANT. JOHANNES KARL RUTHS, Djursholm, and NILS PERSSON, Stockholm, Sweden, assignors to Aktiebolaget Vaporackumulator, Stockholm, Sweden, a Corporation of Sweden. Filed Jan. 23, 1925. Serial No. 4,343. 9 Claims. (Cl. 60—67.)

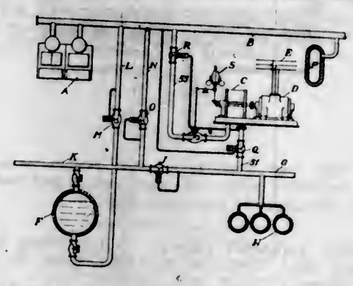


1. In a steam plant, a primary source of steam supply, a motor, a secondary source of steam supply, a consumer, a conduit to lead steam from said motor to said consumer, a conduit to lead steam from said secondary source of steam supply to said consumer, means to conduct steam in a path parallel to said motor from said primary source of steam supply to the second mentioned conduit and means to control the flow through the parallel path operated by changes of pressure in the first mentioned conduit.

1,572,963. STEAM-ACCUMULATOR PLANT. JOHANNES KARL RUTHS, Djursholm, and NILS PERSSON, Stockholm, Sweden, assignors to Aktiebolaget Vaporackumulator, Stockholm, Sweden, a Corporation of Sweden. Original application filed July 10, 1922, Serial No. 574,089. Divided and this application filed Feb. 4, 1925. Serial No. 6,884. 5 Claims. (Cl. 60—94.)

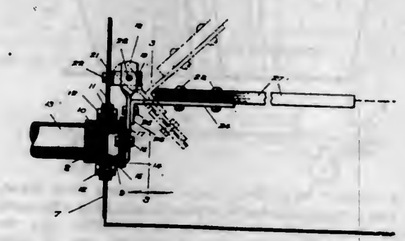
1. In combination, a steam generator, a conduit system connected therewith, a steam motor connected in said conduit system, a supply conduit in said conduit system to supply steam to said motor, a second conduit in said system, connecting means conducting steam from said motor to a point in said second conduit, an accumulator connected to said second conduit at a second

point, a reducing valve in said second conduit between said points, automatic pressure operated means to conduct steam in parallel to said motor from said generator to said accumulator, a consumer connected to said sec-



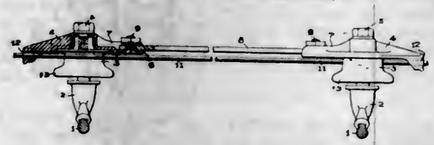
ond conduit, a valve controlling supply of steam to said motor and operated in response to the pressure in said connecting means and a valve in said connecting means operated in response to the pressure in said supply conduit.

1,572,964. SHUT-OFF DISCHARGE VALVE. WILLIAM WALTER SANDERS, Griffin, Ark. Filed Aug. 12, 1924. Serial No. 731,621. 1 Claim. (Cl. 137—68.)



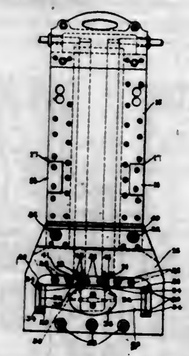
The combination with a tank having an outlet, of an arm pivoted within the tank above said outlet and extending downwardly, a second arm carried by the aforesaid arm and projecting in a direction away from said outlet, a float comprising a bar overlapping and secured to said second arm to swing to a horizontal position above the horizontal plane of said outlet and adapted to swing upwardly, and a valve member carried by the first named arm and seatable across said outlet when said float moves downwardly to a horizontal position and movable away from the outlet when said float swings upwardly from horizontal position.

1,572,965. TROLLEY-CONDUCTOR DEVICE. WILLIAM SCHAAKE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 13, 1922. Serial No. 529,002. 3 Claims. (Cl. 191—40.)



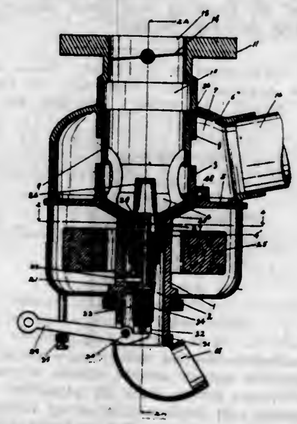
1. In a trolley-suspension device, the combination with a plurality of suspension members, each having a recessed portion, of means comprising a connecting bar positioned in said recesses for spacing said suspension members.

1,572,966. CONDUIT PLOW. WILLIAM SCHAAKE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 5, 1922. Serial No. 573,033. 5 Claims. (Cl. 191—48.)



1. A conduit plow comprising, in combination, a body portion of insulating material within which a pair of conductors are imbedded, a detachable mounting secured to each side of the body member, a yielding support detachably secured to each mounting and a shoe detachably secured to each yielding support and having electrical connection with one of the said conductors, said mountings being insulated from said body portion and conductor members.

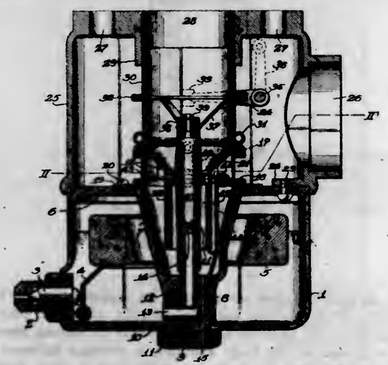
1,572,967. CARBURETOR. WILLIAM SCHMID, Bronson, Mich. Filed May 28, 1920. Serial No. 384,824. 4 Claims. (Cl. 261—45.)



1. In a carburetor, the combination of a tubular bottom body member having a primary air inlet chamber at its lower end and a cylindrical mixing chamber above said primary air chamber and adapted to receive a secondary supply of air, a fuel nozzle disposed centrally within said primary air inlet chamber, a carbureting nozzle to which said fuel nozzle delivers having an upwardly tapered tip delivering centrally within the mixing chamber, said carbureting nozzle being adjustable relative to said fuel nozzle and provided with a plurality of air inlet ports at the base of its tapered portion adjacent the tip of the fuel nozzle, an annular primary air inlet valve slidable within said tubular body member and coacting with the tapered part of said carbureting nozzle, a suction actuated member by which said primary air valve is carried mounted within said cylindrical

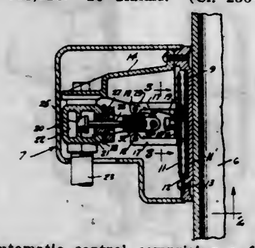
mixing chamber member which constitutes a cylinder therefor, and means operatable in the primary air inlet chamber of said tubular body member adapted for adjusting said carbureting nozzle.

1,572,968. CARBURETOR. WILLIAM SCHMID, Bronson, Mich. Filed Aug. 12, 1921. Serial No. 491,657. 1 Claim. (Cl. 261—45.)



A carburetor having a nozzle chamber with a nozzle therein, an air intake member over said nozzle chamber and having a sleeve about said nozzle, an adjustable tubular throttle movable to and from said air intake member, an apertured tube supported axially of said throttle and slidable on said nozzle, a choke member slidable in the sleeve of said air intake member, and means in said air intake member and extending into said nozzle chamber and to the lower end of said choke member adapted for adjusting said choke member in the sleeve of said air intake member.

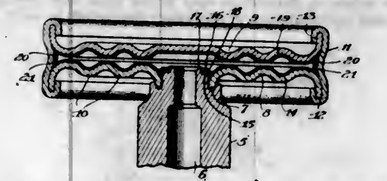
1,572,969. THERMOSTAT CONTROL. OSCAR SCHWIMMER, Los Angeles, Calif. Filed Apr. 23, 1924. Serial No. 708,420. 10 Claims. (Cl. 236—48.)



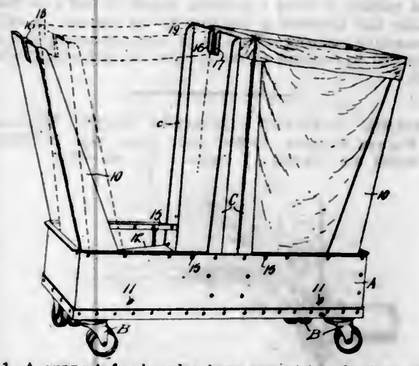
1. An automatic control comprising a frame, a thermally expansible member secured thereto, a yoke mounted on said frame having arms, an adjustable tie member connecting said arms, a leaf spring interposed between said arms so as to confine said spring in bowed position whereby it may be snapped over center in either direction, motion transmitting means connecting said expansible member and said spring whereby said spring is moved over center in either direction by said member after given points in the expansion and contraction of the latter have been reached, and means to connect said spring to a device to be operated thereby.

1,572,970. FLUID-PRESSURE DIAPHRAGM. FREDERICK W. STALKER, Rochester, N. Y., assignor to Taylor Instrument Companies, Rochester, N. Y., a Corporation of New York. Filed Dec. 7, 1923. Serial No. 679,280. 6 Claims. (Cl. 297—9.)

1. A capsular diaphragm comprising an outer pair of resilient supporting discs of relatively heavy sheet metal having their peripheries secured together, and an inner pair of resilient pressure containing discs of relatively light sheet metal having their peripheries in fluid tight connection with each other and backed and supported throughout by said outer discs.

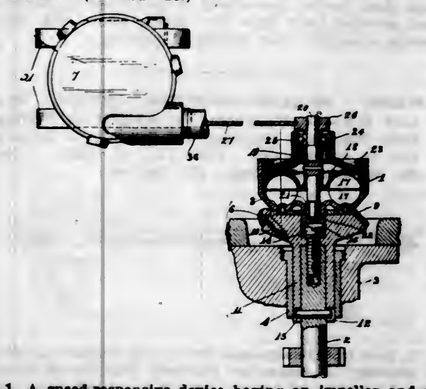


1,572,971. LAUNDRY TRUCK. PAUL R. SYERS, Indianapolis, Ind. Filed Jan. 22, 1925. Serial No. 4,125. 10 Claims. (Cl. 83—26.)



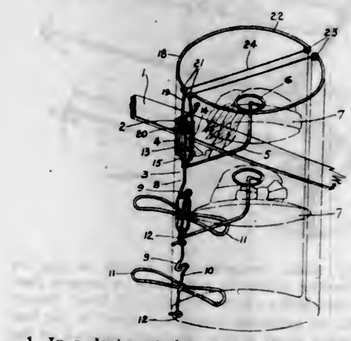
1. A support for laundry bags comprising fixed standards, and pivoted standards adjacent said fixed standards movable by gravity into position to cooperate with the fixed standards in supporting a laundry bag in open and suspended position said standards being bifurcated at their upper ends for supporting bags of different sizes, substantially as set forth.

1,572,972. SPEED REGULATOR. WARNER T. TABB, Brooklyn, N. Y., assignor to Duplex Engine Governor Company, Inc., Brooklyn, N. Y., a Corporation of New York. Filed Mar. 7, 1921. Serial No. 450,261. 13 Claims. (Cl. 264—13.)



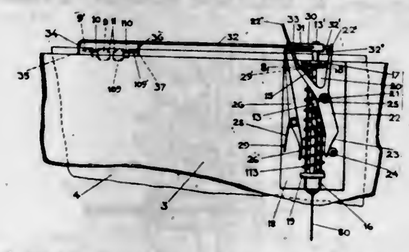
1. A speed-responsive device having an impeller and a member to co-operate therewith and cup shaped elements carried by said impeller and said member, said elements each having one or more sides and a closed back, with an open mouth, the elements providing vanes for the impeller and said member.

1,572,973. HAT HANGER. CHARLES TAIT, Vancouver, British Columbia, Canada. Filed Dec. 6, 1923. Serial No. 678,951. 5 Claims. (Cl. 45—13.)



1. In a device of the character described the combination of a plurality of article supports detachably linked together to form a chain, a bracket member permanently carried by the upper end member of the chain and adapted to be fastened to a wall or other support, curtain means for enclosing said chain and the articles supported thereby, and means supporting the curtain means from the said bracket.

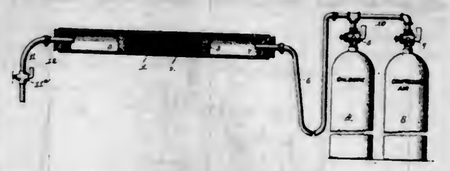
1,572,974. MUSIC-LEAF TURNER. AXEL JULIUS TUNÉR, Gottenborg, Sweden. Filed July 25, 1924. Serial No. 728,233. 3 Claims. (Cl. 84—520.)



1. In a music leaf turner, in combination, hooks on the leaves, a book shaped turning arm provided to coact with said hooks, a screw threaded member carrying said turning arm, an axially movable nut cooperating with said screw threaded member so as to revolve said member, a double armed lever pivotable around a fulcrum and connected with said nut, the one end of said lever formed as an inclined plane, a stationary member coacting with said inclined plane so as to swing the lever around its fulcrum, the other arm of said lever coacting with the turning arm so as to slide the same transversely of the axis of the screw threaded member, and means operable by the leg of the performed for imparting axial movement to the nut to effect operation of the turning arm.

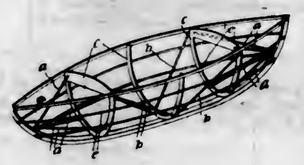
1,572,975. METHOD OF HEATING METAL, GLASS, OR OTHER MATERIAL TO RENDER THE SAME WORKABLE. JAMES W. VAN METER, San Rafael, Calif. Filed June 5, 1922. Serial No. 566,204. 3 Claims. (Cl. 148—17.)

1. The herein described method of heating metal, glass and other materials to render the same workable, consisting in exposing such material to the action of heat generated in a non-oxidizing atmosphere by the



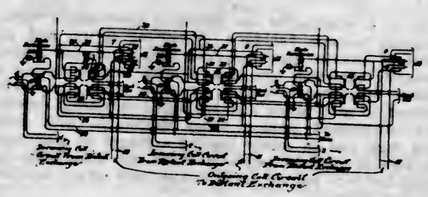
chemical reaction of a reaction causing agent on a body of initially inert material.

1,572,976. CONSTRUCTION OF SAILING CRAFT. FRANZ FREIHERR VON HOININGEN-HUENE, Schloss Thorn, near Talzern, Germany. Filed June 30, 1924. Serial No. 723,338. 6 Claims. (Cl. 9—1.)



1. A sailing craft comprising a plurality of transverse ribs; and a plurality of rods secured at one end to one of the ribs and the other ends secured together to form a rigid pyramid-like structure.

1,572,977. TELEPHONE SYSTEM. ERICH VON NOSTITZ, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 14, 1923. Serial No. 680,718. 4 Claims. (Cl. 179—41.)

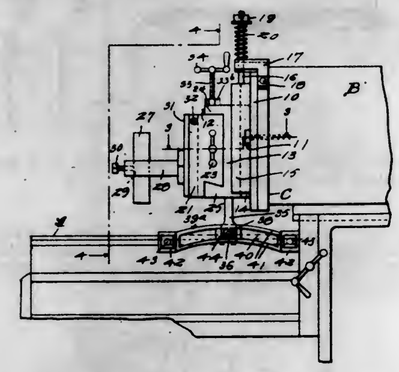


4. A telephone system comprising a plurality of telephone exchanges, a tandem office having a plurality of positions, incoming call circuits from the telephone exchanges to the tandem office positions, outgoing call circuits from the tandem office positions to a plurality of outlying telephone exchanges, means at each position for answering an incoming call circuit, means at each position for establishing a connection with an outgoing call circuit, switching means at each position for transferring incoming calls to a grouped position, and means associated with each position for connecting tone to incoming call circuits seeking connection with any position included in the group during the interval said grouped position is connected to an outgoing call circuit.

1,572,978. TOOL-OPERATING ATTACHMENT FOR PLANERS OR SHAPERS. HARRY W. WATSON, Memphis, Tenn. Filed Sept. 16, 1922. Serial No. 588,620. 6 Claims. (Cl. 90—24.3.)

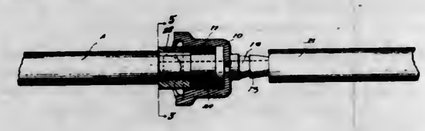
6. In a shaper, a slidable carriage, a slider movable transversely thereof, a securing plate on said carriage for said slider a guide plate, a rod extending from said

slider and through said guide plate, a spring on said rod engaging said guide plate, an abutment on said rod engaged by said spring, said spring being expansive,



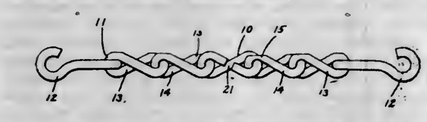
an arm extending from said slider, a stud on said arm, a slide block engaged by said stud, a cam means for said slide block, and a tool carried by the slider.

1,572,979. COUPLING. ERNST ADISON WHYBREW, Collingwood, Ontario, Canada. Filed Feb. 28, 1921, Serial No. 448,488. Renewed July 9, 1925. 2 Claims. (Cl. 285—176.)



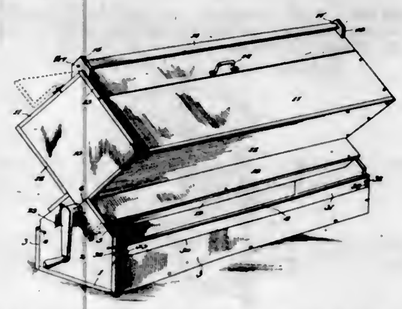
2. In a coupling of the character described, a socket coupling member having a cylindrical cavity, and an enlarged annular flange provided with extensions having inwardly extending lock lugs, a head member having a piston operatively received in said cavity, a sleeve splined on said piston and having an outwardly extending interrupted locking flange cooperable with said lock lugs, and an elastic bushing arranged on said head between said piston and said sleeve and adapted to be expanded into sealing contact with said socket member by said piston.

1,572,980. EMERGENCY LINK. CHARLES M. YOUNG, New Britain, Conn. Filed June 9, 1923. Serial No. 644,457. 1 Claim. (Cl. 152—14.)



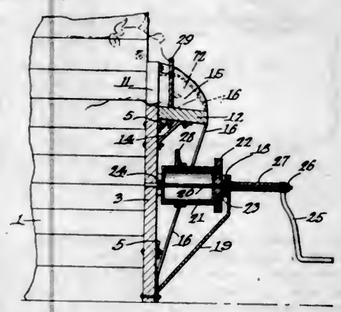
A chain coupling in the tread member of an anti-skidding device comprising a pair of endless links positioned in spaced relation and an emergency link for coupling said endless links and having a gap in one side, said endless links being substantially similar, each thereof being made of wire, and having the outside of one of the bends or corners appreciably reduced in thickness relatively to the adjacent portions of said wire, said emergency link being made of wire of substantially the same size as that of the endless links, and said endless links and emergency link being individually of curved or twisted form.

1,572,981. POULTRY FEEDER. GEORGE H. ALDRICH and ALFRED L. GILBO, Westmoreland Depot, N. H. Filed Mar. 18, 1925. Serial No. 16,516. 5 Claims. (Cl. 119—56.)



1. A poultry feeder comprising a trough having its end walls extending above its side walls, a hopper resting upon the end walls of the trough and freely removable therefrom, an agitating chamber secured to the bottom of the hopper to fit within the upper portion of the trough and freely removable from the trough with the hopper, the ends of the agitating chamber being open and fitting between the end walls of the trough to prevent endwise movement of the hopper and the agitating chamber upon the trough, and an agitator extending longitudinally of the agitating chamber and removable through the open ends thereof when the hopper and the agitating chamber are removed from the trough.

1,572,982. DEHORNING MECHANISM. NEWTON A. BARGER and HARVEY F. BARGER, Cedar Vale, Kans. Filed Apr. 29, 1925. Serial No. 26,708. 2 Claims. (Cl. 119—99.)



1. In a device for holding animals during dehorning, a gate having a nose seat, a nose trough projecting forwardly from the gate and disposed about the seat, the trough comprising a platform and side wings, the wings having lateral shoulders, means for securing the trough to the gate, braces having their upper ends connected to the gate, the braces being extended downwardly over the shoulders, and rearwardly to the gate, means for connecting the rear lower ends of the braces to the gate, and holding means within the trough.

1,572,983. CASING-PULLING DEVICE. WILLIAM A. BARRIER, Frederick, Okla. Filed Nov. 12, 1923. Serial No. 674,299. 1 Claim. (Cl. 294—97.)

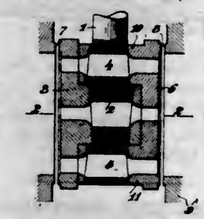
In a casing pulling device, an elongated plate having a downwardly curved lower end edge and provided with a pair of longitudinally spaced and aligned transverse

slots in the lower end portion thereof, a horizontal pivot pin carried by the bar and extending across each slot parallel with the plane of the plate, and a pair of oppositely projecting pawls having their inner ends in contiguous side by side relation and pivoted on the inter-



mediate portion of each pivot pin within the slots thereof so as to be freely swung upwardly and toward each other upon lowering of the plate into a well casing by engagement with the latter and to be caused to swing apart and downwardly into gripping engagement with the inner surface of such casing when the plate is elevated.

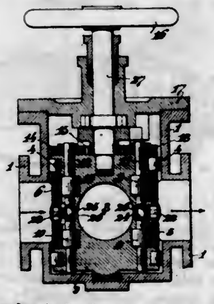
1,572,984. GATE VALVE. ARNO BÖTTNER, Sudenburg, near Magdeburg, Germany, assignor to the Firm Polte, Magdeburg, Germany. Filed May 4, 1925. Serial No. 27,920. 6 Claims. (Cl. 277—32.)



4. A device for operating a valve and for the purpose and character set forth, comprising a casing, two shutting plates adapted to be moved vertically in respect to and in said casing, a spindle connected with the said two plates for moving the same, superposed eccentrical enlargements of conical shape at the lower end of said spindle, transverse bores or passages in the said conical enlargements, and lugs with bores projecting inward from the said plates for the reception of the said enlargements, substantially as and for the purpose set forth.

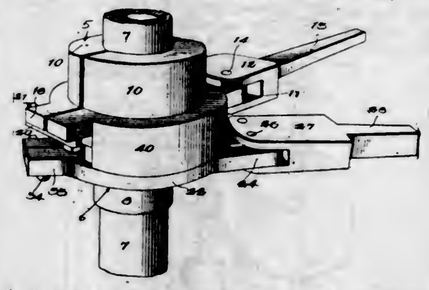
1,572,985. STEAM-CUT-OFF VALVE OR STOP VALVE. ARNO BÖTTNER, Sudenburg, near Magdeburg, Germany, assignor to the Firm Polte, Magdeburg, Germany. Filed May 5, 1925. Serial No. 28,122. 16 Claims. (Cl. 277—25.)

3. A stop valve of the character set forth comprising a casing, a rotary valve body fitted in said casing and having a transverse bore, two cut-off plates attached to the said valve body diametrically opposite each other in parallelism to the bore thereof, a spindle adapted to be turned but not moved axially, for moving the said valve body and controlling the said cut-off plates, two shafts mounted in the said valve body, cam-like formations on the said shafts, auxiliary valves in the said cut-off plates and connected with the said shafts for controlling purposes, a toothed gearing for transmitting motion from the spindle to the said shafts, and coupling means connecting the said spindle with the said valve body, substantially as and for the purpose set forth.



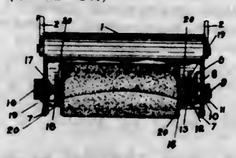
16. A rotary valve body for a cylindrical cut-off valve comprising a plurality of rollers arranged in recesses in the upper and lower parts of the body and which are adapted to roll against the inside of the casing of the valve in order to reduce the friction and to center the body in the casing.

1,572,986. PIPE TONGS. HARRY C. BREWSTER, Shreveport, La. Filed June 28, 1922, Serial No. 571,350. Renewed Oct. 3, 1925. 4 Claims. (Cl. 81—66.)



1. A wrench of the character described comprising upper and lower wrenches, each of which is provided with semi-circular jaws having their rear ends formed with shanks provided with diagonal slots, handles having ears provided with pivot pins received in said slots, one of the wrenches being provided with semi-circular flanges having grooves, and the other wrench being provided with semi-circular flanges received in said grooves whereby to connect the wrenches for rotation with relation to each other.

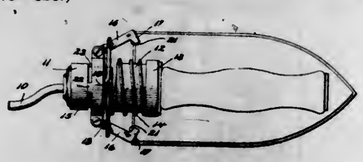
1,572,987. COMBINED FLOOR WAXER AND POLISHER. JOHN ROBERT CAMPBELL, Regina, Saskatchewan, Canada. Filed July 31, 1922. Serial No. 578,722. 1 Claim. (Cl. 91—37.)



In a floor waxer and polisher, the combination with a rotatable drum, of a flat pad adapted to be rolled around the drum, loops at the corners of the pad, flanges on the

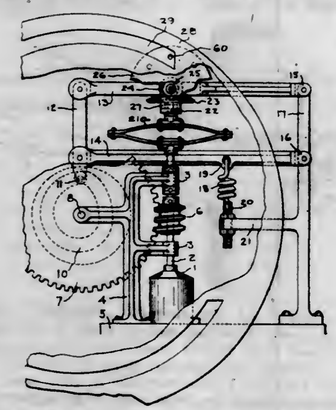
ends of the drum, hooks on the inner faces of the said flanges, said pad adapted to be rolled around the drum and the loops at the inner and outer ends thereof hooked over the respective hooks.

1,572,988. SAFETY DEVICE FOR ELECTRIC IRONS. RONALD ELISON CAMPBELL, Columbia, S. C. Filed Dec. 16, 1920. Serial No. 431,079. 6 Claims. (Cl. 173—328.)



1. A circuit breaking attachment for electrically heated irons having separable electric connectors, comprising a coil spring insertable between the iron and the movable member of the separable connection, and means for normally holding said spring against expansion including a spring locking device circumferentially surrounding said spring and temperature controlled means for releasing said locking device when the iron becomes overheated so that the connector is bodily separated from the iron by the action of the spring.

1,572,989. APPARATUS FOR THE ELECTRICAL TRANSMISSION OF VISUAL IMAGES. PAUL I. CLARK, Brooklyn, N. Y. Filed Aug. 1, 1923. Serial No. 655,027. 4 Claims. (Cl. 178—6.)



1. In an apparatus for the transmission of visual images, a transmitter comprising optical means for focusing the image of the device to be transmitted upon a given focal plane, an opaque disk having uniformly spaced light-transmitting apertures of equal area in said focal plane and equidistant from the axis of said disk, means for simultaneously rotating and vertically reciprocating said disk in said focal plane, each of said apertures traversing successive adjacent arcs of the view to be transmitted, and a light sensitive cell disposed to receive the rays passing through the apertures in said disk.

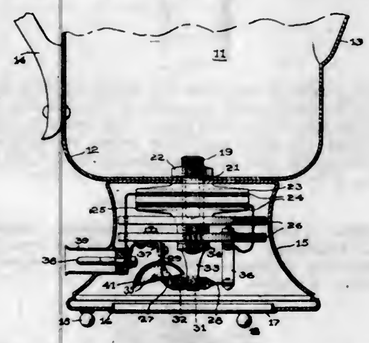
1,572,990. THERMAL SWITCH. ORA A. COLBY, Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 10, 1922. Serial No. 559,724. 2 Claims. (Cl. 200—122.)

1. In a fluid circuit interrupter for an electrically heated device, in combination, a closed, evacuated tube of insulating material having a main portion of substantially U-shape and an integral lateral extension connected to one end of said main portion, electric circuit terminals extending into said tube at the ends of the main portion, a conducting fluid filling substantially all of said main portion, and an auxiliary electric heating means connected in series-circuit relation to said circuit



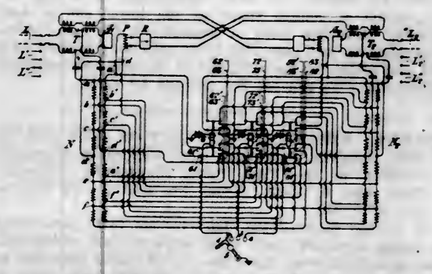
interrupter and surrounding an end portion thereof to cause vaporization of the conducting fluid in said end portion by heat generated thereby when added to that of the electrically heated device thermally influencing said end portion surrounded by the auxiliary heating means, to thereby interrupt the circuit.

1,572,991. FLUID CUT-OUT FOR PERCOLATORS. ORA A. COLBY, Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 10, 1922. Serial No. 567,446. 5 Claims. (Cl. 200—141.)



1. In a circuit interrupter for an electrically heated device, in combination, an elongated closed evacuated tube of insulating material, a column of conducting fluid in said tube, and a heat-conducting member for supporting said tube and for placing it under the direct thermal influence of said device.

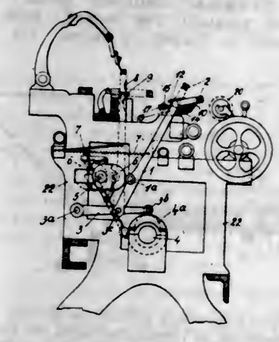
1,572,992. ADJUSTABLE ELECTRICAL NETWORK. GEORGE CAISSON, Hackensack, N. J., and LEE L. GLEZEN, New Brighton, N. Y., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 15, 1922. Serial No. 607,190. 11 Claims. (Cl. 179—170.)



1. A network with a pair of input terminals and a pair of output terminals and symmetrical with respect to said pairs of terminals and comprising a series element

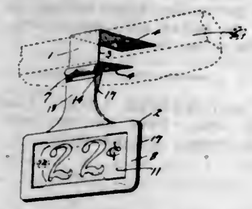
and a shunt element, in combination with means to adjust those elements simultaneously to vary the attenuation between input and output and keep the characteristic impedance unchanged.

1,572,993. KNITTING MACHINE. HANS FÖRSTER, Nieder-Zwönitz, Erzgebirge, Germany. Filed Mar. 20, 1925. Serial No. 17,075. 7 Claims. (Cl. 66—28.)



1. In a flat knitting machine means for forming the welt comprising in combination: upwardly extending arms arranged to swing in vertical planes; short arms hinged to said swingable arms, a needle holder arranged to slide upon said short arms; and means for moving all said arms forward and rearward, as well as up and down.

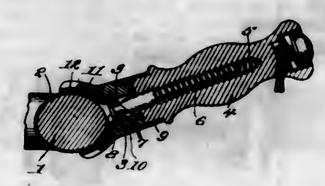
1,572,994. PRICE-TAG HOLDER. DAVID GARFINKLE, Alameda, Calif. Filed Aug. 5, 1924. Serial No. 730,227. 1 Claim. (Cl. 40—11.)



A device of the class described comprising a clamp struck from a single piece of sheet material to provide two relatively diverging arms, a connecting portion between said arms, a loop at the joinder of said connecting portion with one of said arms, the said loop being open at one side, and a tag holding member having a tongue upstruck on itself and rolled to provide a trunnion detachably engaged in the loop and adapted to freely turn therein, and portions formed on the tongue coacting with the ends of the loop to hold the trunnion against longitudinal displacement from the loop, the holding member serving to hang downwardly from the loop when the clamp is adjusted to one position and to extend upward from the loop in an inclined direction and against one of the arms of the clamp when the latter is in another position.

1,572,995. STEERING-WHEEL GRIP. PAUL F. GATES, Portland, Oreg. Filed Mar. 16, 1925. Serial No. 15,986. 1 Claim. (Cl. 74—33.)

A steering wheel and a grip extending outwardly and angularly from the rim thereof, said grip comprising a handle having a threaded bore, a yoke with which the handle is revolubly associated, and said yoke designed to be arranged on the rim of the wheel and having a bore communicating with the threaded opening in the handle, a split spring clip having beaded ends and designed to be arranged around the wheel rim and to be received in the yoke, a lag screw threaded in the handle and having

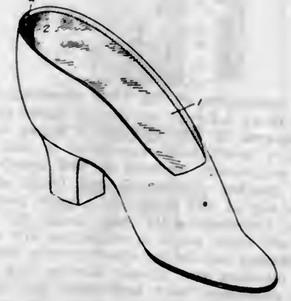


its outer portion non-threaded, the sides thereof rounded inwardly and terminating in a flat head which is designed to engage the beads of the clip and to bind the latter between the rim and yoke, when the handle is turned to move the screw therein.

1,572,996. ALLOY. PIERRE GIRIN, Paris, France, assignor to Société Anonyme de Commentry, Fourchambault & Decazeville, Paris, France. Filed Dec. 9, 1920. Serial No. 429,544. 2 Claims. (Cl. 75—1.)

1. That alloy of iron, chromium, nickel, tungsten and manganese comprising nickel 50 to 80 percent, chromium 8 to 25 percent, tungsten 0.5 to 8 percent, manganese 1 to 5 percent, and carbon 0.3 to 1 percent.

1,572,997. NONSLIP DEVICE FOR HEELS OF LOW SHOES. MURRAY BERTRAM HAMILTON, Toronto, Ontario, Canada. Filed Apr. 10, 1925. Serial No. 22,169. 1 Claim. (Cl. 36—58.5.)

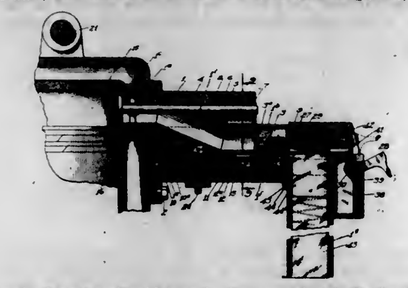


In a low shoe, the combination with the shoe lining divided centrally of the heel back and having the divided ends spaced apart, and an insert piece having a roughened outer surface located and permanently held between the divided ends of the lining and having its outer surface flush with the outer surface of the lining.

1,572,998. INTERNAL-COMBUSTION-ENGINE-STARTING MECHANISM. REX HARRIS, San Diego, Calif. Filed Apr. 16, 1923. Serial No. 632,356. 13 Claims. (Cl. 123—183.)

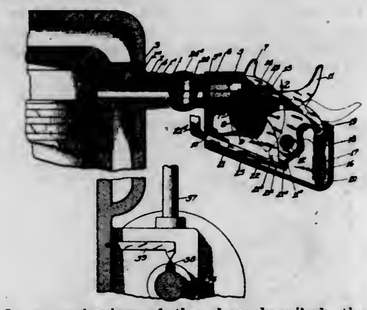
7. In a mechanism of the class described, the combination with an internal combustion engine cylinder, a piston and the cam-shaft for actuating the valves of said cylinder, of a frame supported contiguous to said engine cylinder and provided with a bore adapted to receive a cartridge and communicating with said engine cylinder, a breech reciprocally mounted on said main frame, a means in connection with said breech and said main frame for

firing said cartridge, a cartridge extracting and ejecting means, a magazine in connection with said main frame, and means in connection with said magazine, said



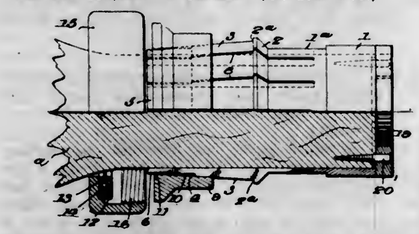
main frame and said breech, for removing individual cartridges from said magazine and positioning the same in the bore of said main frame.

1,572,999. INTERNAL-COMBUSTION-ENGINE-STARTING MECHANISM. REX HARRIS, San Diego, Calif. Filed Apr. 3, 1924. Serial No. 703,911. 11 Claims. (Cl. 123—183.)



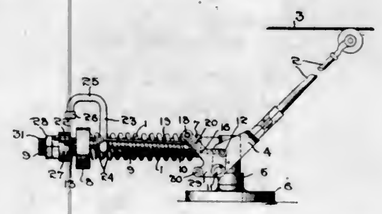
4. In a mechanism of the class described, the combination with an internal combustion engine cylinder of a barrel secured to said cylinder, a frame secured to said barrel, a breech member mounted in said frame, a firing pin reciprocally mounted in said breech member, a hammer member mounted in said frame adapted to engage one end of said firing pin, a valve positioned in said barrel intermediate its ends, means for manually operating said valve, means in connection with said valve and said hammer member for simultaneously opening said valve and releasing said hammer member, and automatic means in connection with said valve for closing the same.

1,573,000. PROPELLER-BLADE MOUNTING. SPENCER HEATH, Baltimore, Md. Filed July 20, 1921. Serial No. 486,206. 8 Claims. (Cl. 170—173.)



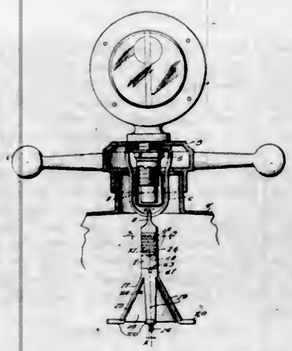
1. The combination with a propeller blade shank, of a ferrule in which said shank is fitted, said ferrule comprising a plurality of longitudinally disposed spaced yieldable portions having tapering outer surfaces, a tapered ring surrounding said surfaces, whereby, when said ring is driven longitudinally of the ferrule, said spaced yieldable portions are pressed together, and caused to tightly grip the shank, and means for preventing reverse movement of the ring after it has been driven up to its extreme position.

1,573,001. TRAMWAY TROLLEY POLE. MATTHEW HENDERSON, Auckland, New Zealand. Filed Mar. 29, 1924. Serial No. 702,932. 6 Claims. (Cl. 191—88.)



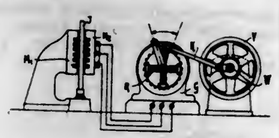
1. A trolley pole safety release for electric trams and the like, consisting, in combination with the usual tension springs and trolley pole, of a stirrup piece fulcrumed to a revoluble base pivoted to an upright column, of a pair of tension rods to hold the pole on the overhead wire, the rods each having one end pivoted to the stirrup piece at the foot of the pole and the other end detachably fixed to the sliding crosshead by nuts on the rods, one of the said nuts on each rod having a conical shaped projection thereon to seat in a recess at the end of the slots in the crosshead so that when the trolley leaves the wire and the pole is jerked upwards, it is released from tension and allowed to fall clear of the overhead wire by releasing the tension rods from the crosshead immediately the tension spring strikes the stop nut on the end of the spring arm, substantially as described and as shown in the drawings.

1,573,002. MOTORMETER LOCK. ALBERT J. HESS, Springfield, Ohio. Filed Mar. 27, 1925. Serial No. 18,834. 5 Claims. (Cl. 70—90.)



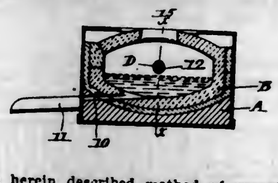
1. A motormeter lock comprising a yoke to be secured to the body of the motormeter, a sleeve suspended upon the yoke, an anchoring member including a locking rod engageable within the sleeve, and permutation elements carried by the sleeve and engageable with said locking rod.

1,573,003. INSTALLATION FOR OPERATING RECIPROCATING ELECTRIC MOTORS. NICOLAS JAPOLSKY and MICHAEL KOSTENKO, London, England. Filed Mar. 19, 1923. Serial No. 626,196. 6 Claims. (Cl. 172—126.)



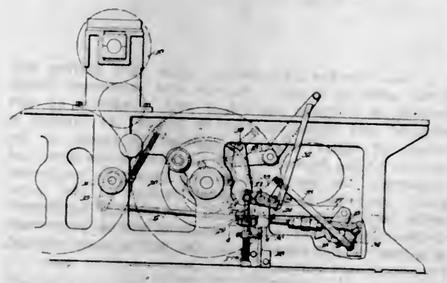
1. An electromagnetic installation for operating a reciprocating working element, comprising an armature forming part of said reciprocating working element, a stationary element, a multiphase winding thereon adapted, when supplied with multiphase alternating current, to produce a moving magnetic field acting upon the armature, and means for applying to the multiphase winding a multiphase alternating electromotive force of varying periodicity, in order to impart acceleration to the said moving magnetic field.

1,573,004. METHOD OF MANUFACTURING OPEN-HEARTH STEEL. JAMES DYER JONES, Sault Ste. Marie, Ontario, Canada, and EARL EWING LITZ, East Chicago, Ind. Filed Dec. 6, 1921. Serial No. 520,393. 3 Claims. (Cl. 75—27.)



1. The herein described method of operating an open hearth furnace, which comprises heating the bath by a plurality of simultaneously operated and separated high velocity flames, circularly arranged equidistantly from each other and radiating from the wall towards the centre of the furnace.

1,573,005. IMPRESSION THROW-OFF. WILLIAM M. KELLY, Westfield, N. J. Filed Apr. 5, 1923. Serial No. 630,166. 13 Claims. (Cl. 101—284.)

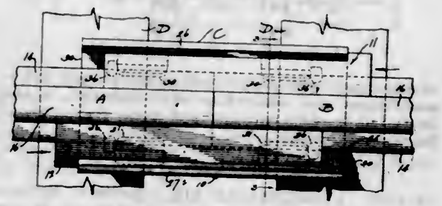


1. In a printing press, in combination, an impression cylinder, means for raising and lowering said cylinder in timed relation to the operation of the press including a shaft operatively connected to said cylinder and a releasable connection between said shaft and the press operating mechanism, means for releasing said connection, and means for preventing operation of said releasing means when said cylinder is down, including a lost-motion connection between said shaft and said releasing means.

1,573,006. POLYCHROMATIC SECURITY PRINT. ROSI LAMP'L, Berlin, Germany. Filed Apr. 27, 1921. Serial No. 465,052. 3 Claims. (Cl. 41—26.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)

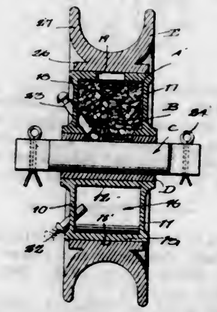
1. A polychromatic security print and the like comprising adjoining designs, each in a distinctive color, said colors producing about the same degree of blackening of the negative, when photographing the print without and with any color filtering means.

1,573,007. RAIL JOINT. WILLIAM R. MCPHETRIDGE, Pittsburgh, Pa. Filed Feb. 20, 1925. Serial No. 10,664. 11 Claims. (Cl. 238—208.)



1. As an article of manufacture a base plate for rail joints comprising a flat body portion having upwardly extending bendable attaching flanges formed in laterally spaced relation therein and inwardly of the longitudinal edges thereof.

1,573,008. TROLLEY WHEEL. DONALD MACLEAN, North Vancouver, British Columbia, Canada. Filed Apr. 17, 1923. Serial No. 632,728. 1 Claim. (Cl. 308—111.)

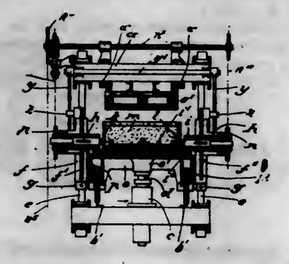


A trolley wheel comprising a hollow sleeve, an annular felly, and side plates connecting the hub sleeve and felly together, radially extending partitions connecting the felly, the hub sleeve and end plates together forming a relatively large and a relatively small compartment, the relatively large compartment constituting an oil reservoir, the relatively small compartment constituting a receptacle for the reception of an absorbent, means introducing the absorbent into the first mentioned compartment, the hub sleeve having an opening therein, means for pushing the absorbent through said opening, means for introducing a lubricant into the oil reservoir, and means connecting the compartments together.

1,573,009. MOLDING MACHINE. OTTO MÜLLER, Esslingen-on-the-Neckar, Germany. Filed Apr. 20, 1925. Serial No. 24,594. 5 Claims. (Cl. 22—32.)

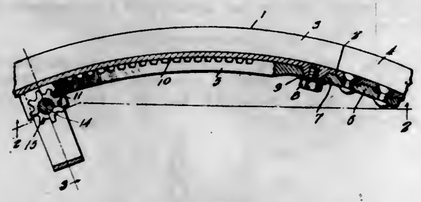
4. Molding machine comprising connected upper and lower heads, a presser plate secured to said upper head, a table on said lower head adapted to be run in and out of the machine, means for raising and lowering said table with regard to said presser plate, a turn-over plate

adapted to be placed on said table, eyes on opposite sides of said turn-over plate, frames adapted to be displaced in conformity with the raising and lowering of said table, a pin secured to each frame, hooks pivoted



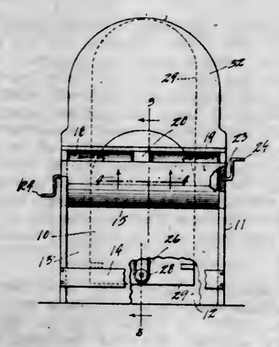
to said upper head and adapted to engage said pins on said frames, pins adapted to be reciprocated in each frame and to enter said eyes and means for reciprocating said pins in said eyes.

1,573,010. DEMOUNTABLE RIM. OLIVER P. MUNSON, Clinton, Ind., assignor, by mesne assignments, of one-half to Opal Harrison, Cayuga, Ind. Filed Aug. 13, 1923. Serial No. 657,070. 2 Claims. (Cl. 301—33.)



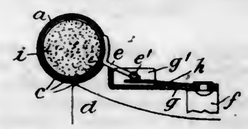
1. The combination with a transversely split tire rim; of a longitudinally extending strap secured at one end to one end of said rim and overlapping the other end, said strap being provided with a rack and at its free end with a beveled tooth for engagement by a releasing element, to lift the rack to separate said rim ends.

1,573,011. ROAD LOG AND MAP DISPLAY DEVICE. DAVID S. NASH, Corsicana, and JAMES E. LETT, Jr., Dallas, Tex. Filed Apr. 2, 1925. Serial No. 20,201. 9 Claims. (Cl. 40—28.)



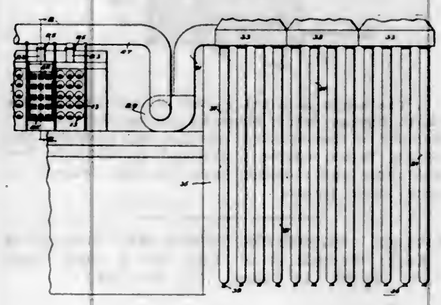
1. In a road log and map display device, a cabinet, a housing carried by the cabinet, a drum in the housing having a road log on its surface, means for revolving the drum, a vertically movable map slide normally concealed in the cabinet, and means actuated by the drum for raising the slide out of the cabinet when the drum is revolved.

1,573,012. TELEPHONE-MOUTHPIECE DISINFECTOR. PATRICK SHAUGHNESSEY O'DONNELL, London, England. Filed Jan. 3, 1924. Serial No. 684,236. 5 Claims. (Cl. 179—185.)



1. Apparatus for disinfecting telephone mouth-pieces comprising a cylindrical container and a spring clip adapted to embrace the neck portion of a telephone mouth-piece and to support the container in a horizontal position above the front edge thereof.

1,573,013. PROCESS OF SMELTING ORES OF VOLATILE METALS. WILLIAM A. OGG, Newton, Mass. Filed Feb. 7, 1925. Serial No. 7,561. 22 Claims. (Cl. 266—19.)

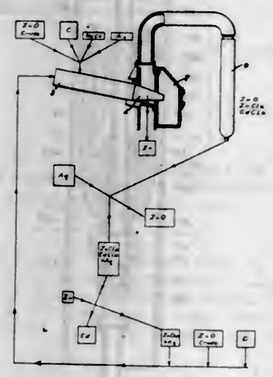


1. That method of smelting crude zinc bearing material utilizing a retort furnace and condenser, which consists in charging the retort with a mixture of said material and reduction fuel in amount to produce a volume of metal vapors in substantial excess of the capacity of the condenser fully to condense the same and conducting the vapors discharged from the condenser, which comprise a considerable fraction of the metal values in the material treated, for recovery by deposit of the metal values therein while obtaining a recovery of spelter in the condenser to the full capacity thereof.

1,573,014. SMELTING VOLATILIZABLE METALS. WILLIAM A. OGG, Newton, Mass. Filed May 18, 1925. Serial No. 30,914. 15 Claims. (Cl. 75—153.)

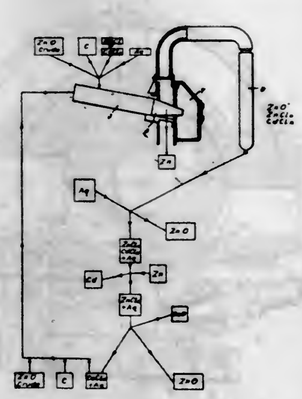
15. That method of smelting crude zinc-bearing material utilizing a retort furnace and condensor which comprises:—charging the retort with a mixture of said material and reduction fuel together with a quantity of chloride in substantial excess of the capacity of the condensor to condense fully the resultant metal vapors,

collecting by a deposit as a fume product the vapors escaping from the condensor, leaching the chloride from



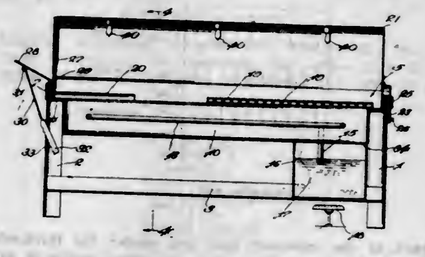
said fume product, mixing the wash water with fresh crude material and fuel and briquetting the mixture to provide a charge for a subsequent volatilizing operation.

1,573,015. SMELTING VOLATILIZABLE METALS. WILLIAM A. OGG, Newton, Mass. Filed May 25, 1925. Serial No. 32,563. 13 Claims. (Cl. 75—153.)



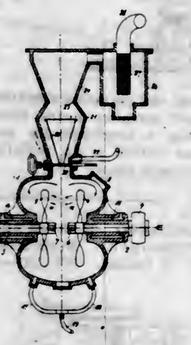
13. That method of recovering metal values from crude zinc-bearing material utilising a retort furnace and condenser which comprises charging the retort with a mixture of said material and reduction fuel in amount materially in excess of the capacity of the condenser whereby a substantial proportion of the metal values vaporized is discharged in the form of vapor from the condenser mouth, said mixture also including a quantity of fluxing haloid, collecting said discharged vapor by deposit as a fume containing a considerable proportion of the halogen, leaching the fume, precipitating the zinc from the wash water and mixing the remaining haloid-bearing liquid with fresh crude material and reduction fuel to provide a charge for a subsequent volatilising operation.

1,573,016. VAPOR-BATH CABINET. ROSS A. PEDROSS, Chicago, Ill. Filed July 7, 1923. Serial No. 650,067. 1 Claim. (Cl. 4—168.)



In a device as set forth, a supporting structure comprising a plurality of corner posts, and angle irons connecting said corner posts at their upper ends, a cabinet body, and substantially inverted U-shaped hangers formed about the sides and ends of the cabinet body and engaging over the vertical portions of the angle irons.

1,573,017. PROCESS OF OBTAINING POWDERS OF GREAT FINENESS. EMIL PODSZUS, Berlin-Friedrichshagen, Germany. Filed July 1, 1922. Serial No. 572,340. 7 Claims. (Cl. 83—46.)

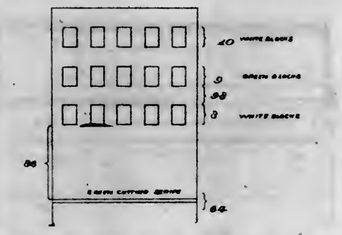


1. The process of converting hard materials to a finely powdered state, which consists in producing mutually impinging high-velocity whirling currents of gas or air in a closed space arranged to prevent said currents from passing each other, and causing said currents to circulate within said closed space in all directions at the rate of several thousand times, or more, per minute, thereby causing the particles of the material to continually impinge upon each other with great force.

1,573,018. KNITTING MACHINE. JOSEPH PARKS PRIMM, Rome, Ga., assignor of one-third to Henry B. Berry and of one-third to John M. Berry, both of Rome, Ga. Filed June 19, 1925. Serial No. 38,268. 2 Claims. (Cl. 66—21.)

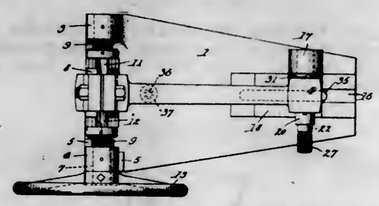
1. A knitting machine having a normally operative two-color yarn feed to produce a fabric in which said colors alternate, a normally inactive third-color yarn feed, a drum having cams to control the action of the individual feeds, a cam shaft from which is derived power to turn the drum, continuously acting means in readiness to operate the cam shaft, and a pattern chain associated with the cam shaft; in combination a special

lug on said pattern chain causing action of said continuously acting means thereby to operate the cam shaft and turn the cam drum to render inoperative one color



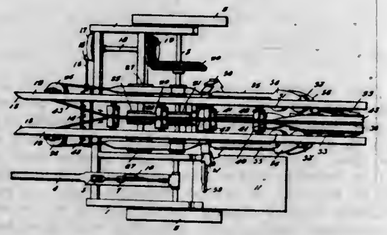
yarn of the two-color feed and render the third-color yarn feed operative to produce a cutting stripe in said fabric.

1,573,019. BEARING SCRAPING AND BURNISHING TOOL. ALBERT M. RUTTER and CLARENCE R. BENSON, Baltimore, Md. Filed May 18, 1922. Serial No. 561,963. 6 Claims. (Cl. 29—90.)



1. A device of the character described including scraping means, said scraping means including a rotatable member carrying a longitudinally movable blade, said rotatable means having a pin radially disposed therein in contact with said blade.

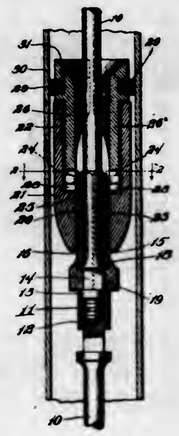
1,573,020. TOBACCO HARVESTER. RICHARD B. SCRUGGS, Willsburg, Ky. Filed Sept. 12, 1924. Serial No. 737,398. 5 Claims. (Cl. 131—21.)



5. In a tobacco harvester, the combination with a rearwardly extended spear including a shank and a head, there being a socket in the butt end of the head, of a stick removably mounted in the socket and extended alonng the shank, a support for the shank, stalk cutting means, and means for inverting the stalks and conveying them forwardly to the spear for engagement with the shank and stick.

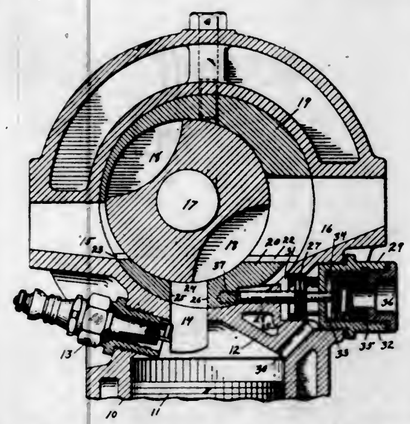
1,573,021. RELIEF VALVE FOR DEEP WELLS. CHARLES S. SWAIM, Long Beach, Calif. Filed June 30, 1925. Serial No. 40,707. 6 Claims. (Cl. 103—225.)

1. In combination with a sucker rod having an enlargement provided with a wrench square, a two part yoke adapted to be assembled about and fit the sucker rod and the enlargement and wrench square and when



in its assembled relation held against rotation with relation to the sucker rod by such wrench square and means for holding the sections of the yoke in assembled relation.

1,573,022. ROTARY VALVE. RUDOLPH WEHR, Los Angeles, Calif. Filed Jan. 27, 1925. Serial No. 5,090. 15 Claims. (Cl. 123—190.)

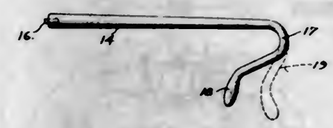


1. The combination with a rotary valve and its valve casing of a wedge member engaging with the valve and movable through a limited distance in respect to the casing, and a piston member having one surface exposed to the pressure of the fluid controlled by said valve and operatively connected to said wedge member.

1,573,023. PROCESS FOR PRODUCING OPHTHALMIC MOUNTINGS. WILLIAM J. WRIGHTON, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Sept. 2, 1924. Serial No. 735,427. 2 Claims. (Cl. 18—51.)

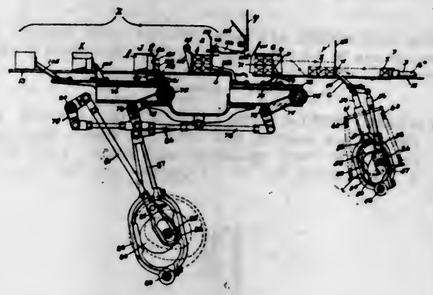
1. The process of shaping a celluloid part of an ophthalmic mounting comprising heating the part, bending

the heated portion to a position beyond the required position and subjecting the bent part to heat until the bent



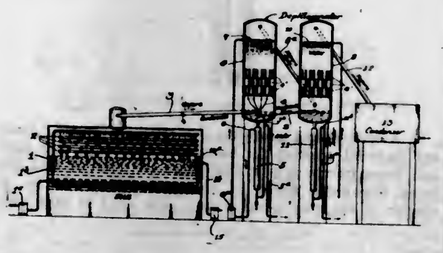
part assumes the desired position through the action of the heat, said heat being higher in temperature than that to which the part is subjected during use.

1,573,024. STACKING MACHINE. JOHN P. ALDRICH and HOWARD A. MORRIS, Toledo, Ohio, assignors to The Automat Molding & Folding Machine Company, Toledo, Ohio, a Corporation of Ohio. Filed Jan. 9, 1925. Serial No. 1,352. 23 Claims. (Cl. 226—14.)



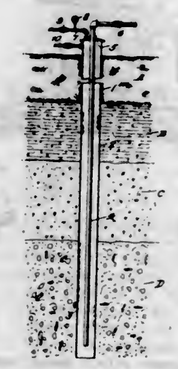
1. In a machine of the class described, means to advance a plurality of articles to form a row, and mechanism operable to engage and carry a predetermined number of said articles to the remaining articles of the row to form a stack.

1,573,025. APPARATUS FOR SEPARATING HYDROCARBONS. WILLARD C. AVERILL, Jr., Houston, Tex. Filed Oct. 7, 1922. Serial No. 593,084. 3 Claims. (Cl. 196—139.)



1. A petroleum distilling and refining apparatus comprising in combination, a still, a dephlegmator, a vapor line connecting said still with the lower portion of said dephlegmator, a draw-off and water separator connected with the lower end of said dephlegmator, means for withdrawing condensate from said separator and spraying the same into the upper part of said dephlegmator, and means for withdrawing vapor from the upper portion of said dephlegmator.

1,573,026. PROCESS OF MINING SULPHUR. WILLARD C. AVERILL, Jr., Houston, Tex. Filed Dec. 30, 1924. Serial No. 758,892. 6 Claims. (Cl. 166—21.)



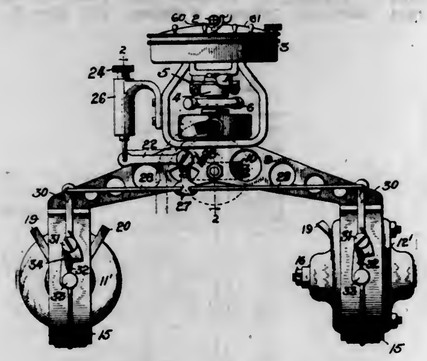
1. The process of mining sulphur which comprises drilling through to the sulphur bearing stratum and causing sand to flow from an intermeditae stratum to fill the channels and cavities in the sulphur bearing stratum and retard the escape of hot water from the vicinity of the well.

1,573,027. DEMOUNTABLE DISPENSER FOR PAPER CUPS. CESARE BARBIERI, New York, N. Y., assignor to The Vortex Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 31, 1923. Serial No. 628,952. 6 Claims. (Cl. 211—29.)



1. A dispenser for flat cups comprising a removable slotted container shaped to fit the cups, a back plate therefor, a slotted supporting plate, and fastening means for holding the back plate on the container and also serving to hold the container and back plate on the supporting plate.

1,573,028. STABILIZED BOMB SIGHT. MORTIMER F. BATES, Brooklyn, N. Y., assignor to The Sperry Gyroscope Company. Filed Sept. 30, 1921. Serial No. 504,470. 8 Claims. (Cl. 74—78.)



1. The combination with a bomb sight, of stabilizing means therefor comprising a pair of gyroscopes, a universally supported frame for supporting the gyroscopes and sight, separate means for locking each gyroscope and a common means for simultaneously unlocking the same.

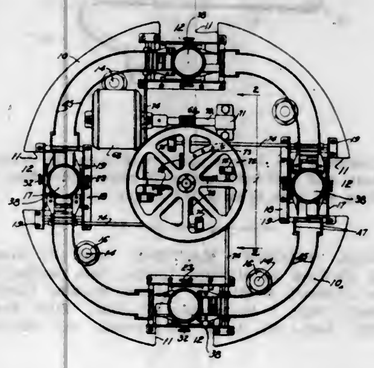
1,573,029. BUILDING MATERIAL. JOHN P. BEARDALL, Brooklyn, N. Y. Filed Jan. 27, 1922. Serial No. 532,154. 8 Claims. (Cl. 20—4.)



1. A building board or slab of the class described comprising a suitable frame, a plurality of logs mounted in said frame and secured thereto to form said board or slab, a filler and binder in said frame between said logs, and spaced metal strips on the inner and outer faces of said board or slab.

1,573,030. SLIDE PROJECTOR. EMERICK W. BERGERS, Bridgeport, Conn., assignor to Frank Howard, New York, N. Y. Filed June 28, 1924. Serial No. 722,988. 19 Claims. (Cl. 88—28.)

1. In a machine of the character described, a plurality of slide holders each adapted to carry a lantern slide, a plurality of slide projecting stations at each of which all of the slides are adapted to be successively projected upon a screen, mechanism for feeding the slides to and



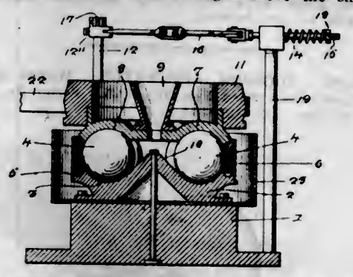
from each station, and means whereby slides adjacent a station can be fed independently of all other slides in the machine.

1,573,031. WELL-CASING PROTECTOR. WILLIAM I. BETTIS, Los Angeles, and LEROY H. PERRY, Gardena, Calif.; said Perry assignor to said Bettis. Filed Jan. 5, 1925. Serial No. 707. 6 Claims. (Cl. 308—4.)

1. A well casing protector comprising a ring of resilient material adapted for being sprung over a tool joint, and thereafter to grip a drill pipe; the bore of said ring being outwardly flared at one end, and the outer diameter of the ring being greater than that of said joint.

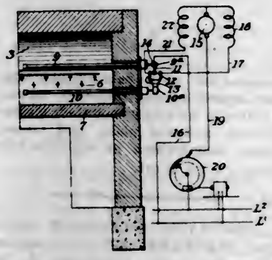
1,573,032. ORE-GRINDING MILL. WILLIAM N. BRYERLS, Mesa, Ariz. Filed Mar. 4, 1924. Serial No. 696,891. 2 Claims. (Cl. 83—45.)

1. A mill of the class described comprising a lower member having an annular trough therein and an annular groove surrounding the trough, a screen carried by the lower member, balls in the trough, an upper member resting upon the balls, a hopper carried at the center of the upper member, a weighted fly-wheel carried by the upper member and arranged above the balls, a



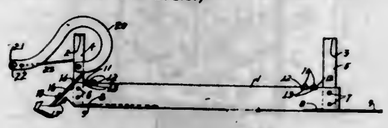
pair of posts pivotally connected with the base, wheels carried thereby and engaging the fly-wheel and means for yieldingly holding the wheels against the fly-wheel.

1,573,033. METHOD AND APPARATUS FOR ANNEALING AND COOLING SHEET GLASS. FREDERIC L. BISHOP, Pittsburgh, Pa., assignor to Window Glass Machine Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Sept. 4, 1924. Serial No. 735,789. 13 Claims. (Cl. 49—47.)



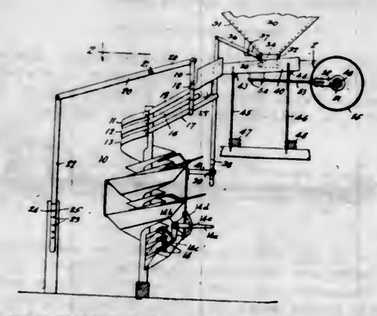
1. In the method of annealing and cooling sheet glass, the steps consisting in passing sheet glass through a leer, passing gaseous fluid through the leer in streams above and below the glass, and adjusting the relative cooling effect of the streams to maintain a predetermined relative temperature condition between a plurality of points in the leer, substantially as described.

1,573,034. WEED CUTTER. ROBERT F. BLACK, San Jose, Calif. Filed Aug. 30, 1923. Serial No. 660,207. 1 Claim. (Cl. 97—144.1.)



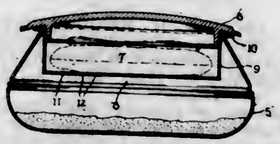
In a weed cutter, a runner comprising a pair of parallel, vertically arranged elements having angularly arranged recesses formed in the bottom thereof in the form of a triangle and extending crosswise of said runner, one side of said triangle lying flush with the bottom of said runner, cutting blades arranged in said recesses and having transverse cross-sections similar thereto, bolts piercing one end of each of said blades and extending upwardly between said elements, and plates arranged on said bolts and engaging the upper edges of said elements, said blades having similarly spaced but oppositely arranged orifices formed in their opposite ends whereby to permit their reversal in said recesses.

1,573,035. ADJUSTABLE APPARATUS FOR FEEDING AND SEPARATING COAL AND LIKE MATERIALS. FRANCIS H. BLATCH, Hazleton, Pa., assignor to Anthracite Separator Company, Hazleton, Pa. Filed Nov. 4, 1920. Serial No. 421,644. 1 Claim. (Cl. 209—117.)



In an apparatus of the class described, the combination of a multiple thread spiral separator, separate inclined chutes for feeding the material to each thread of the separator and means for simultaneously adjusting the inclination of the feed chutes so as to vary the velocity at which the material is fed to the separator, certain of said inclined feed chutes having openings formed therein to permit the passage of material from an upper to a lower chute and a shaking table for intermittently feeding material to the uppermost chute.

1,573,036. FACE-POWDER BOX. ANNIE BOWMAN, Los Angeles, Calif. Filed Mar. 12, 1924. Serial No. 698,649. 1 Claim. (Cl. 132—82.)



A face powder box for dressers comprising a receptacle adapted to hold powder and a tray; a tray removably mounted in the top of said receptacle, said tray having a perforated bottom; and a cover for said tray, the vertical distance between the center of the cover and the bottom of the tray when the cover is positioned thereon being equal to the thickness of the powder puff adapted for use therewith.

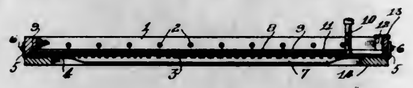
1,573,037. VENDING MACHINE. RICHARD C. BRADLEY, New York, N. Y., assignor, by direct and mesne assignments, to Benj. W. Gammon & Company, New York, N. Y. Filed Mar. 5, 1924. Serial No. 697,017. 12 Claims. (Cl. 211—8.)



1. A vending machine comprising a casing having a magazine for receiving a stack of elongated articles, the said casing having a wall provided with a discharge opening, rotatable mechanism in said casing operative for selecting the articles individually from said magazine, for carrying the same to a position for discharge

thru said opening and for holding the same in said discharge position, means operative against an end of the so-positioned article for positively ejecting the same thru the discharge opening in a direction lengthwise of the article, and means for coordinately operating the selecting mechanism and the ejecting means.

1,573,038. EGG TRAY FOR INCUBATORS. EDWIN O. BRANINGTON, Rochester, N. Y., assignor of one-half to Oscar A. Peters, Rochester, N. Y. Filed Feb. 15, 1924. Serial No. 693,142. 5 Claims. (Cl. 119—44.)

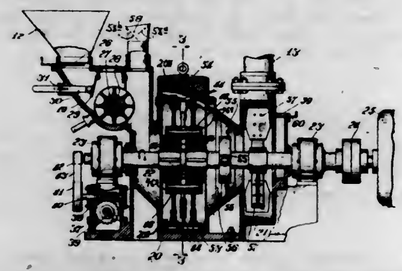


5. In an egg tray for incubators, the combination of two superposed rectangular frame members of like outside dimensions, the frame pieces of the bottom member being of greater width than those of the top member, the inner bottom edge of the top member being undercut, a perforated bottom interposed between the two frames and forming the bottom of a channel in the under face of the top frame, a perforated egg supporting slide transversely movable over said bottom and being of less width than the inner width of the top frame, such slide being guided in opposite sides of said channel, means for operating said slide, regularly spaced longitudinally extending partition members secured to said top frame, and supporting members for said bottom, such members comprising strips interposed between the two frames with their ends secured to opposite outer side faces of one frame and having intermediate portions bent to form angle bars, substantially as set forth.

1,573,039. PROCESS OF MENDING RUBBER ARTICLES. WILLIAM H. BUSCHELL, Indianapolis, Ind., assignor of one-fourth to J. D. Eastman, Indianapolis, Ind. Filed Nov. 21, 1924. Serial No. 751,400. 4 Claims. (Cl. 18—53.)

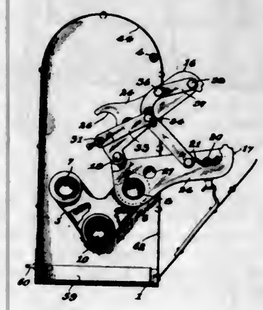
4. The process of repairing rubber articles, which process consists in heating the portion of the rubber article to be repaired, applying to said part a chemical compound obtained by a natural valence combination of turpentine and sulphur, and subjecting the same to heat and pressure.

1,573,040. MEANS FOR PULVERIZING, FEEDING, AND BURNING FUEL. JOE CRITES, Lakeside, Ohio, assignor to Raymond Brothers Impact Pulverizer Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 8, 1924. Serial No. 697,894. 27 Claims. (Cl. 83—11.)



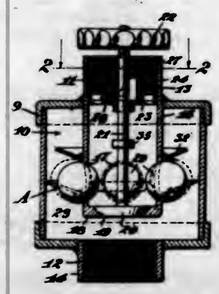
1. A pulverizing mill comprising a beater chamber, rotary means in said chamber for pulverizing material fed thereto, and a breaker plate in diagonal position with respect to the direction of rotation of the pulverizing elements adapted by contact with the partially pulverized particles to direct such particles toward the feed side of the chamber.

1,573,041. COOKING APPARATUS. WAYNE DAVIES, Atlanta, Ga. Filed Feb. 10, 1925. Serial No. 8,288. 16 Claims. (Cl. 126—41.)



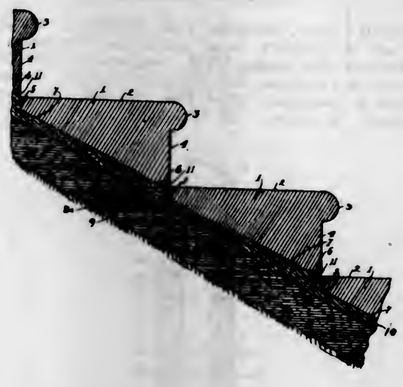
1. The combination of a pair of oppositely disposed and mutually hinged heating plates, a support on which one of said plates is pivotally mounted, means for swinging the pivotally mounted plate, and means for opening said plates book-fashion as the pivotally mounted plate is swung on its pivot.

1,573,042. AUTOMATIC OVERFLOW OUTLET FOR PLUMBING FIXTURES, ETC. CLARENCE L. DAWSON, Los Angeles, Calif. Filed Aug. 6, 1925. Serial No. 48,479. 7 Claims. (Cl. 4—194.)



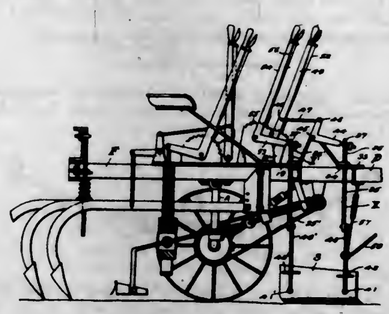
1. In a combined overflow and drain outlet of the character described, a housing having an inlet and an outlet, a tubular extension leading into the housing from the inlet formed with a side wall port, an inclined runway, a ball closure for said port arranged in said runway adapted to automatically open under the influence of the pressure of liquid delivered to the inlet, and manually operated means extending through said inlet for opening said closure.

1,573,043. STAIR CONSTRUCTION. SALVATORE DE COLA and VERNE E. CLIFT, San Jose, Calif. Filed Apr. 25, 1925. Serial No. 25,839. 3 Claims. (Cl. 72—96.)



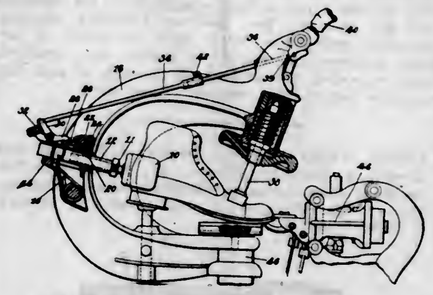
1. A step element comprising an irregular polygonal slab of suitable material having two of its sides lying at right angles to each other to form a riser and tread, and having a third side having a portion arranged at an acute angle to said tread side and converging toward the end of said tread remote from the side forming the riser and a portion arranged at right angles to the riser and connected therewith.

1,573,044. AGRICULTURAL IMPLEMENT. RUBIN L. DIAMOND, McHenry, Miss., assignor of one-half to John S. Adkison, McHenry, Miss. Original application filed Sept. 6, 1924, Serial No. 736,341. Divided and this application filed May 14, 1925. Serial No. 30,332. 2 Claims. (Cl. 97—170.)



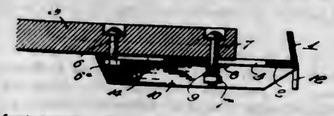
1. An agricultural implement comprising a portable body, a pair of members supported by the body for vertical movement, means for moving one of said members independently of the other, a pair of transversely spaced scrapers carried by the lower portions of said members, each of said members being substantially in the form of an inverted U, the side arms of which being pivotally secured to the scrapers, said members being spaced apart lengthwise of the implement and inwardly disposed guide members carried by the portions of the blades through which the side arms of the members are directed.

1,573,045. WORK SUPPORT. THOMAS DURRANCE, Leicester, England, assignor to United States Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Oct. 2, 1920. Serial No. 414,224. 12 Claims. (Cl. 12—123.)



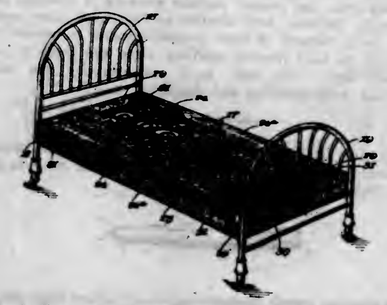
1. In a machine of the class described, a support for a shoe, a forepart clamping member and a heel clamping member for positioning the edge of a shoe sole in the proper relation to an operating tool, and interconnecting mechanism controlling the positioning of said clamping members.

1,573,046. DISAPPEARING FOOT SCRAPER. PETER ENDRES, Independence, Kans. Filed Feb. 19, 1925. Serial No. 10,374. 3 Claims. (Cl. 15—237.)



1. A foot scraper comprising a horizontally elongated scraping plate, a pair of parallel arms rigidly secured to said plate and projecting horizontally therefrom to engage the lower side of a support, each arm having an inner longitudinal slot and an outer longitudinal slot, attaching fasteners passing through said slots and adapted also for passage through a support, and a compression spring on at least one fastener of each arm for exerting a yieldable pressure to frictionally hold such arm in contact with the lower side of the support.

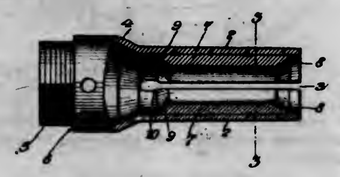
1,573,047. BOX-SPRING STRUCTURE. BENJAMIN B. ENGLANDER, Brooklyn, N. Y., assignor to Englander Spring Bed Company, Brooklyn, N. Y., a Corporation of New York. Filed Mar. 6, 1924. Serial No. 697,187. 2 Claims. (Cl. 5—354.)



1. A three-part spiral spring mattress bed structure comprising a head, a foot, a detachable spiral spring mattress connected to the head and foot, and forming the sole connection therebetween, said head and foot and

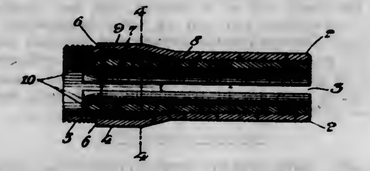
the mattress having connecting means extending therebetween at the ends of the mattress, and a detachable cover for said mattress having depending flap extensions at all sides thereof, the said extensions being detachably connected to said spring mattress to permit the detachment of said cover without separation of the mattress from the head and foot, and the depending end flap extensions having less length than the width of the spring mattress top, thereby to permit the connection means to project therethrough at the ends of said flap extensions and the free removal of the cover.

1,573,048. FEED COLLET. CHARLES J. FANCHER, and ROBERT A. JOHNSON, Windsor, Vt., assignors to The National Acme Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 1, 1923. Serial No. 672,057. 9 Claims. (Cl. 29—62.)



1. A feed collet comprising a body portion having a slotted portion extending therefrom, and filler means for gripping the work and having a length substantially as long as said slotted portion and secured to said slotted portion substantially along its entire length.

1,573,049. FEED COLLET. CHARLES J. FANCHER and ROBERT A. JOHNSON, Windsor, Vt., assignors to The National Acme Company, Cleveland, Ohio, a Corporation of Ohio. Filed Feb. 23, 1924. Serial No. 694,465. 9 Claims. (Cl. 29—62.)



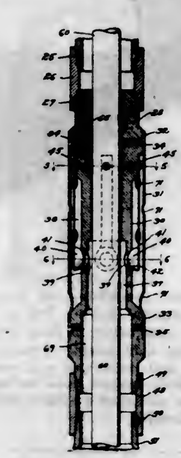
1. A feed collet comprising a body portion and a slotted portion extending therefrom, filler means secured within the collet for gripping the work and having a length greater than the slotted portion whereby it extends into the body portion, said slotted portion and filler means both being formed of heat treatable metal to permit the same to be heat treated whereby when the same is heat treated they will both have substantially the same yielding characteristics and resiliency.

1,573,050. RIVETING PUNCH. EUGENE FREY, Mount Vernon, N. Y. Filed Apr. 24, 1923. Serial No. 634,317. 1 Claim. (Cl. 218—19.)



A riveting punch comprising an elongated body having a blunt end adapted to receive a blow from a striking implement and terminating at its other end in a conical face, an approximately cylindrical lug extending from the apex of the conical face for insertion into the open end of a hollow rivet, and radially disposed V-shaped cutting blades on the conical face, the cross section of each of the cutting blades being substantially uniform from the periphery of the body to that of said lug.

1,573,051. GAS ANCHOR FOR PUMPING WELLS. JOHN R. GIGNOUX, Long Beach, and THEODORE E. SWIGART, Los Angeles, Calif., assignors to Shell Company of California, San Francisco, Calif., a Corporation of California. Filed June 17, 1925. Serial No. 37,697. 6 Claims. (Cl. 103—203.)



1. In combination: a pump; an eduction tube extending from said pump; a shell supported by said pump around said eduction tube; a cup secured in said shell into which said eduction tube extends, there being a space between said cup and said shell through which oil passes through said shell, and there being gas openings near the upper end of said shell through which gas escapes from said shell; and means for preventing a reverse flow through said gas openings.

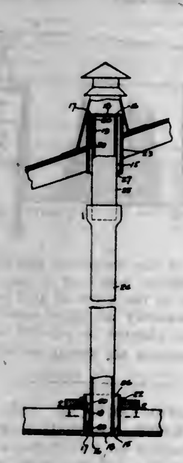
1,573,052. VEHICLE SPRING. JOSEPH C. GILARDONE, Fleetwood, Pa. Filed Mar. 6, 1925. Serial No. 13,449. 1 Claim. (Cl. 267—49.)



In a vehicle spring, a plurality of super-imposed plates of spring metal, each plate having both of its ends turned downwardly away from the surface of the plate next above it, a strip of relatively soft metal, equal in length to the width of the plates, secured to the upper surface of each turned end by means of a pair of screws, and adapted to bear against the surface of the plate next above it.

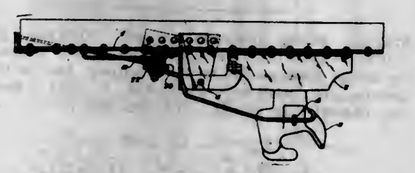
1,573,053. FLUE-PIPE SUPPORT AND INSULATOR. FRANK H. GILBERTSON, Los Angeles, Calif. Filed Dec. 10, 1924. Serial No. 755,014. 2 Claims. (Cl. 126—316.)

1. A support for flue pipes comprising a hollow body having one end bent over to form a collar and inwardly to provide an annular lip on the inner periphery of the collar, said collar formed with circumferentially spaced openings, resilient members for movably holding the pipe



in said body, a heat insulating jacket enclosing said body and the opposite end of the body being split at intervals to form bendable tongues.

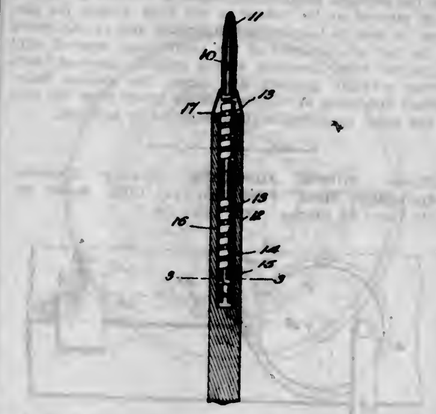
1,573,054. UNCOUPLING DEVICE FOR CAR COUPLERS. GARTH G. GILPIN, Riverside, Ill., assignor, by mesne assignments, to Union Metal Products Company, Chicago, Ill., a Corporation of Delaware. Filed Apr. 4, 1921. Serial No. 458,501. 13 Claims. (Cl. 213—164.)



2. A release rigging for railroad car couplers comprising an operating lever, a coupler lock pin lifting lever, a fulcrum for said levers upon the car, a combined connecting and bearing block which passes through apertures in said levers, means thereon allowing pivotal movement of the pin lifting lever thereon horizontally independent of the operating lever, and means limiting rotative movement of said block.

1,573,055. MECHANICAL PENCIL. BYRON B. GOLDSMITH, New York, N. Y. Filed May 21, 1921. Serial No. 471,319. 3 Claims. (Cl. 120—18.)

1. A mechanical pencil comprising an external casing having a central cylindrical cavity open at the forward end and closed at the rear and having a longitudinal internal channel, a lead tube having a cylindrical surface fitting within said cylindrical cavity and projecting out of the forward end of said cavity to permit it to be grasped in operation, said lead tube having a spiral slot through it, a lead snugly fitting for all its length in said

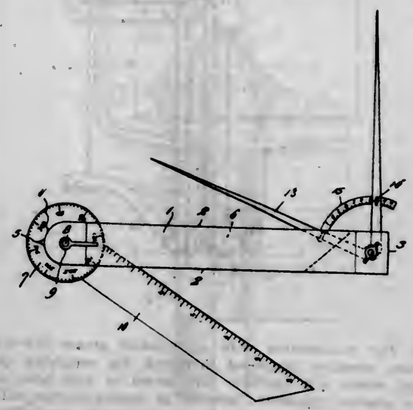


lead tube, and a pusher rod fitting said lead tube and having a portion extending through the spiral slot and into the longitudinal channel in said casing.

1,573,056. PROCESS OF PREPARING 1,8-AMINONAPHTHOL SULPHONIC ACIDS. IVAN GUBELMANN and JOHN M. TINKER, South Milwaukee, Wis., assignors to The Newport Company, Carrollville, Wis., a Corporation of Delaware. Filed May 9, 1925. Serial No. 29,215. 4 Claims. (Cl. 260—129.)

1. The method of preparing 1,8-aminonaphthol sulphonic acids and salts, which consists in fusing 1-naphthylamine sulphonic acids and salts containing a sulphonic acid group in the 8-position with caustic alkalies in the presence of ammonia.

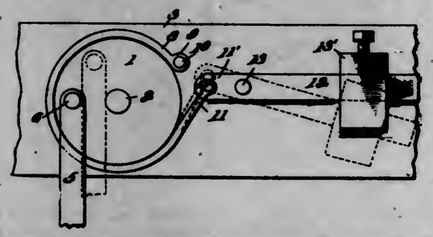
1,573,057. COMBINATION INSTRUMENT. MELBURN B. HANCOCK, Mount Meigs, Ala. Filed May 20, 1924. Serial No. 714,632. 1 Claim. (Cl. 33—75.)



An instrument comprising a body which is rectangular in transverse section, said body having parallel straight longitudinal edges, and an arcuate end edge, said body being provided with a point located at its arcuate end

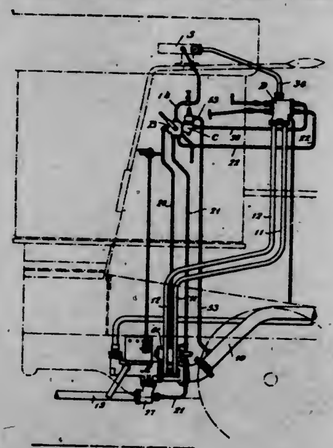
edge, said point being alined with the median longitudinal dimension of the body, said body provided with a longitudinally extending slot intersecting the arcuate end edge and the straight longitudinal edges, a circular protractor plate pivoted at its center to the body within the slot upon its median longitudinal dimension and at the center of the arc of curvature of the curved edge thereof, said protractor being provided with a radially disposed blade having straight parallel side edges, the median longitudinal dimension of the blade being alined with the axis of the pivot upon which the protractor is mounted.

1,573,058. SHOCK ABSORBER. PARMLY HANFORD, Springfield, Mass. Filed July 14, 1919. Serial No. 310,716. 13 Claims. (Cl. 188—130.)



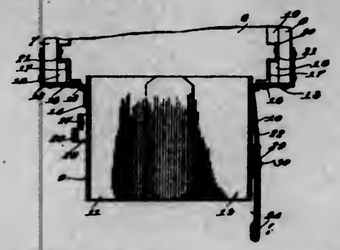
1. A shock absorber for motor vehicles including a friction drum connected to the chassis and axle whereby said drum is operated by the relative movement between said drum and axle, a friction strap operatively arranged with respect to the drum, a vertically movable weight, and connections from said weight to said strap to operate the latter upon the occasion of a sudden movement of said chassis.

1,573,059. STEAM INJECTOR. MALCOLM HARD, Flushing, N. Y., assignor to The Superheater Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 27, 1924. Serial No. 740,193. 19 Claims. (Cl. 162—1.)



1. The combination with an exhaust steam injector having conduits connected therewith for supplying exhaust steam and auxiliary live steam to said injector, of a pressure responsive member, in communication with the exhaust steam conduit for automatically controlling the admission of live steam through the auxiliary live steam conduit when the exhaust steam being delivered to the injector is below a predetermined minimum pressure.

1,573,060. END GATE. WALTER H. HARRISON, Highmore, S. Dak. Filed July 22, 1925. Serial No. 45,296. 3 Claims. (Cl. 296—50.)



1. In a device of the character described, the combination with a vehicle body, of a pair of end gates hingedly connected to the sides of said body, and extensions projecting inwardly at right angles to the lower edges of said gates adapted to provide an extension for the body when the gates are swung outwardly.

1,573,061. ABRASIVE ARTICLE AND METHOD OF MAKING THE SAME. MINER L. HARTMANN, Niagara Falls, N. Y., assignor to The Carborundum Company, Niagara Falls, N. Y., a Corporation of Pennsylvania. Filed Jan. 24, 1923. Serial No. 614,683. 7 Claims. (Cl. 51—279.)

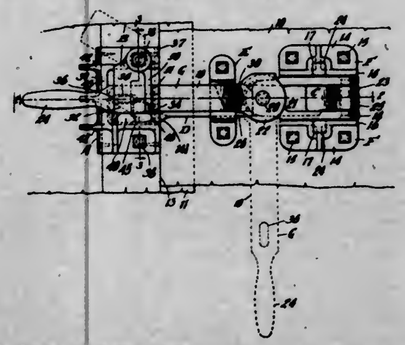
1. An abrasive article having voids containing a finely divided solid lubricating material which is infusible under the heat normally created by the abrasive action and a binder for the lubricant, substantially as described.

1,573,062. SPINNING VISCOSE. JACQUES CONRAAD HARTOGS, Arnhem, Netherlands. Filed June 30, 1924. Serial No. 723,364. 4 Claims. (Cl. 18—54.)

1. In the process of spinning viscose, the step which consists in adding a ferric salt to an acid spinning bath to prevent evolution of sulphureted hydrogen.

3. An acid spinning bath for viscose containing a ferric salt in addition to the usual constituents.

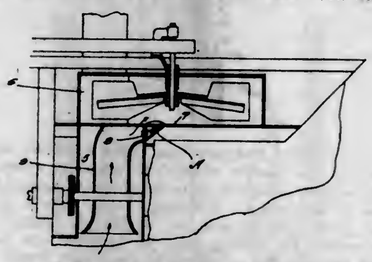
1,573,063. DOOR OPERATING AND LOCKING DEVICE. STACY B. HASELTINE, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Jan. 7, 1924. Serial No. 684,691. 12 Claims. (Cl. 292—210.)



1. In an operating and locking mechanism for a sliding door, the combination with a slidable, pulling member; of an abutment adapted to coact with said member to effect movement of the door when said member is operated; a lever for operating said member; a swingable latch plate mounted on said abutment and adapted

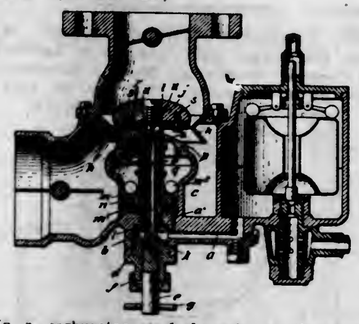
to engage over said lever when the door is in closed position; and co-operating means on said plate and lever whereby the same may be interlocked.

1,573,064. ATTACHMENT FOR CORN SHELLERS. EMANUEL HEITZMAN, Alexandria, S. Dak. Filed Oct. 13, 1925. Serial No. 62,279. 1 Claim. (Cl. 130—6.)



A corn sheller including, in combination, a concave, a hood extending through the concave, a blower having an opening partially communicating with the upper end of the concave, the rear wall of the concave provided with an opening adjacent the opening in the blower, said hood casing communicating with the openings, and a baffle plate comprising a body plate having rectangularly disposed right triangular ends with the hypotenuse edges merging with the end edges of the body plate, one leg edge of each end merging into an outwardly disposed lateral flange adapted to be fixed to the rear wall of the concave adjacent the opening therein.

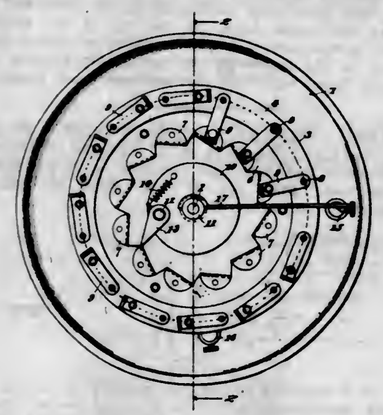
1,573,065. CARBURETOR. WILLIS C. HESS, Toledo, Ohio. Filed July 28, 1919. Serial No. 313,798. 7 Claims. (Cl. 261—44.)



1. In a carburetor, a fuel-nozzle, a throat-ring, a floating air-valve supported over the exit-end of said fuel-nozzle and adapted to regulate the supply of air passing through said throat-ring, and means for initially weighting the floating air-valve and relieving it of the weight when the valve is opened to high-speed position.

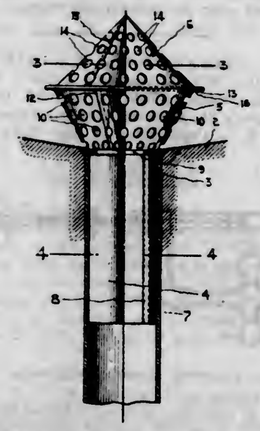
6. In a carburetor, a mixing-chamber and means for supplying fuel thereto, said means comprising a stationary tube extending up through the bottom of said mixing-chamber and exteriorly screw-threaded, a toothed rotary stop screwed on said externally-threaded portion of the tube, a shaft journaled in a wall of the mixing-chamber and provided with a pinion on its inner end engaging the teeth of said stop to rotarily adjust the same on the screw-threads, an air-valve provided with a depending hollow stem fitting and surrounding said tube, auxiliary means for normally holding the valve closed with the lower end of said tube in abutting relation to said stop, and a fuel-valve one member of which depends from the air-valve and the other member of which extends up through said tube.

1,573,066. ELECTRIC TIME SWITCH. DELBERT HITCHCOCK, Millersburg, Ohio. Filed Mar. 26, 1923. Serial No. 627,889. 2 Claims. (Cl. 200—35.)



1. In a time switch, a rotary spindle, a disc mounted thereon, a metallic annulus arranged concentric with said spindle, an insulated annulus secured to the metal annulus, the inner periphery of said insulated annulus extending within the periphery of the first mentioned annulus, a plurality of metallic segments mounted on the inner periphery of said insulated annulus, a plurality of pivoted levers carried on said metallic annulus and adapted for contact respectively with the aforesaid segments, a pivoted dog carried on said disc and having its free end in the path of said segments to contact with the latter as the disc is rotated, a coil spring having one end connected with the dog and its other end connected with said disc to normally urge said dog in a predetermined direction, and a connecting element engaged with said spindle and projecting radially therefrom to a point beyond the outer periphery of said metallic annulus, as and for the purposes described.

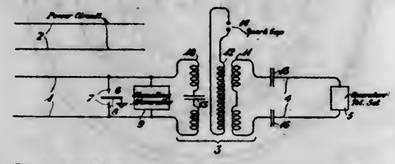
1,573,067. DRAIN-PIPE STRAINER. NORMAN HOLLAND, Westmount, Quebec, Canada. Filed July 13, 1923. Serial No. 651,405. 1 Claim. (Cl. 210—170.)



A sheet metal strainer of the type described consisting of a tube and a hollow perforated top secured upon one end of the tube, said top consisting of a perforated portion of inverted truncated conical form secured upon

the tube and a perforated conical top portion secured upon the inverted conical top portion, said top being reinforced at its middle by a continuous circumferential bead, said bead being constituted by an outwardly projecting continuous flange on the top of the inverted conical portion and a continuous flange of channel cross-section on the bottom of the conical top portion, said channel flange embracing the first-mentioned flange.

1,573,068. VOLTAGE-LIMITING DEVICE. RICHARD K. HONAMAN, Bloomfield, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Apr. 6, 1922. Serial No. 550,072. 5 Claims. (Cl. 179—78.)



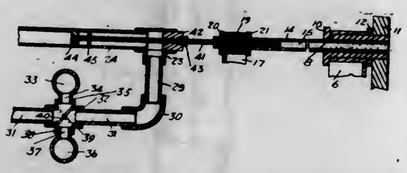
1. In a signaling system, the combination with a line circuit inductively exposed to a power circuit capable of inducing abnormal potentials in the said line circuit, of a switch-board circuit, and a transformer having main windings connected with and adapted to inductively relate said line circuit to said switchboard circuit, and having an auxiliary winding in series with a spark gap adapted to operate at a definite potential in said auxiliary winding.

1,573,069. FURRING NAIL. ANTON M. JENSEN, Los Gatos, Calif. Filed Aug. 27, 1924. Serial No. 734,474. 3 Claims. (Cl. 72—118.)



1. A furring element comprising a sheet metal body having an attaching shank and stop fingers on opposite sides of the shank extending in opposite directions therefrom, and fabric-attaching fingers extending from the opposite edge of the body and curved outwardly and over the said edge in opposite directions.

1,573,070. CORE-REMOVING MACHINE FOR HOLLOW-DRILL STEEL. ARTHUR DORMAN JOHNSON and FREDERICK AUGUST SCHULZE, Welland, Ontario, Canada, assignors to Atlas Alloy Steel Corporation, Dunkirk, N. Y., a Corporation of New York. Filed Nov. 9, 1923. Serial No. 673,791. 7 Claims. (Cl. 137—70.)



1. A core removing machine comprising a support for holding a hollow steel having a sand core and in which such steel is rotatably mounted; means for rotating the hollow steel; means for bearing against the end of the core for dislodging the same, means for supplying fluid for carrying such dislodging means longitudinally of the hollow steel and for simultaneously removing the dislodged particles as they are loosened from the core.

1,573,071. COLLAPSIBLE BARREL. JOHN ARTHUR KAYE, Sault Ste. Marie, Ontario, Canada. Filed June 28, 1923. Serial No. 648,384. 5 Claims. (Cl. 220—8.)

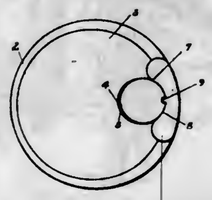


1. A collapsible container comprising a tubular middle section, an end section adapted to telescope within the middle section, a hinged plate permanently mounted upon one of the sections, and toggle levers carried by the hinged plate and adapted to detachably engage the other section for forcing the two sections into an expanded relation, the mounting of the toggle levers upon the hinged plate enabling them to be swung into an out of the way position when the container is collapsed.

1,573,072. REFRACTORY CEMENT AND CONCRETE. PAUL JEAN FREDERIC KESTNER, Boulogne-sur-Seine, France. Filed Mar. 12, 1925. Serial No. 15,139. 1 Claim. (Cl. 106—9.)

A composition of matter constituting a refractory cement, consisting of a mixture of 1 to 10 parts of bauxite which has been calcined at a temperature above the point of transformation of alumina, and 2 parts of a calcium aluminate cement containing at least 30% of alumina, the said calcined bauxite and calcium aluminate cement being mixed in the form of powder.

1,573,073. LENS-PRODUCING APPARATUS. MAX A. LAABS, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Dec. 15, 1921. Serial No. 522,671. 3 Claims. (Cl. 49—14.)

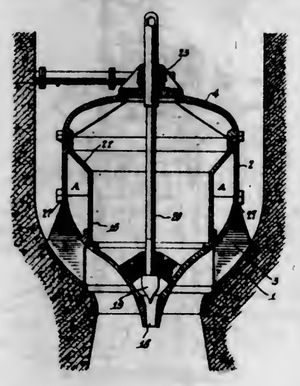


2. A device of the character described comprising a base portion, a post rising from the base portion, a head slidable and tiltable on the post having an inner bifocal segment engaging and positioning member and an outer weighted operating portion for controlling the position of the member on the supporting post, said post having a roughened or serrated portion for engagement by the sliding head.

1,573,074. VALVE. CHESTER W. LARNER, Philadelphia, Pa., assignor, by direct and mesne assignments, to The William Cramp & Sons Ship & Engine Building Company, a Corporation of Pennsylvania. Filed Dec. 8, 1921. Serial No. 521,059. 1 Claim. (Cl. 137—139.)

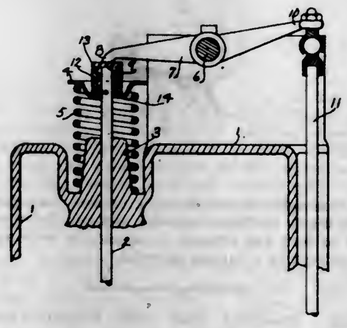
In a hydraulic valve structure the combination with the vertical wall of a fluid way gradually tapering downward to form a valve seat, of a fixed cylinder supported from said wall, a vertically movable valve plunger sliding in said cylinder and having a piston portion between an inner chamber and a surrounding annular

chamber A within the cylinder and a nose portion subjected to the floating action of vertically upward fluidway pressure and tapered to form a smoothly contracting annular passage with the fluid way wall and provide a region of permanently low pressure adjacent the end of said plunger, and means for reducing the interior



pressure above the plunger to float it open to any desired position consisting of a single valve opening through the end of the plunger to the fluid way and means for controlling said opening to vary said interior pressure and move the valve to any position and hold it there solely by hydraulic pressure and without the exertion of mechanical force on the plunger.

1,573,075. VALVE-STEM SILENCER. GEORGE LEHMANN, Jr., San Jose, Calif. Filed Apr. 24, 1923. Serial No. 634,257. 1 Claim. (Cl. 123—90.)



As an article of manufacture, an open ended tubular metallic casing, and a non-metallic bushing fitted in said casing and having a head portion overlying one end thereof, said bushing having an orifice formed in its other end in concentric relation to said casing whereby to slidably engage one end of a valve stem.

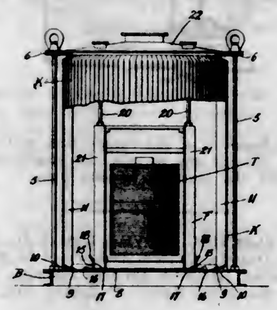
1,573,076. AERIAL PROJECTILE TOY. MERRILL D. LOVE, Los Angeles, Calif. Filed Oct. 20, 1924. Serial No. 744,833. 1 Claim. (Cl. 46—40.)

A toy formed from a pliable material to simulate an aeroplane and consisting of an elongated body, studs rising from the upper front end of said body in row formation to simulate engine cylinders, wings extending from the body, said body being provided with a recess extending upwardly therein adjacent the rear end thereof, said recess communicating with an opening of smaller diameter than the recess and extending through said



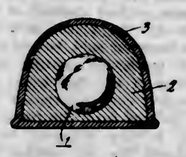
body, an elastic cord having a knotted end received in said recess, and said elastic cord passing through said opening and adapted to be grasped by the operator of the toy for controlling the same.

1,573,077. TRANSFORMER. LEWIS G. MCCLINTOCK, Pittsburgh, Pa., assignor to Pittsburgh Transformer Company, a Corporation of Pennsylvania. Filed Oct. 11, 1921. Serial No. 507,122. 5 Claims. (Cl. 175—361.)



1. The combination with a transformer, of a tank therefor having a sheet metal body formed of sides and an imperforated bottom plate and separate stop members fastened on said plate and adapted to retain said transformer spaced from the sides of said tank, said stop members also being spaced from the sides of said tank and being adapted for attachment to said plate in positions to accommodate various sizes of transformers.

1,573,078. CONFECTION AND METHOD OF MAKING THE SAME. WILLIAM A. MCCOOL, Traverse City, Mich. Filed June 11, 1924. Serial No. 719,387. 2 Claims. (Cl. 99—16.)

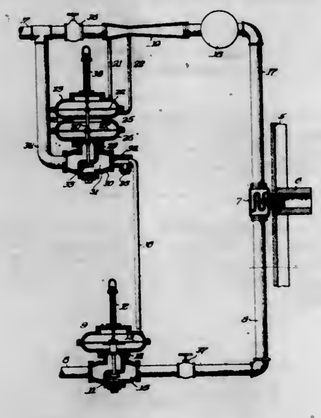


2. The herein described method of producing candies having centers of natural sour red cherries which includes placing fresh pitted cherries in sugar to produce a syrup, treating the cherries and syrup with an agent for neutralizing the fruit acid, providing each cherry with a coating of fondant, and providing each fondant coating with an outer coating of hard non-porous edible material.

1,573,079. APPARATUS FOR PROPORTIONATELY MIXING AIR AND GAS. GARNET W. MCKEE, Rockford, Ill. Filed Apr. 16, 1924. Serial No. 707,010. 9 Claims. (Cl. 48—184.)

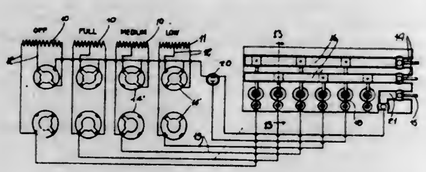
1. In an apparatus for proportionately mixing air and gas, an air supply line, means for producing a pressure

differential in said air line, an intermediate pipe, means for varying the fluid pressure in said pipe in accordance



with said differential, a gas supply line, and means for varying the flow of gas in said gas supply line in accordance with the pressure in said pipe.

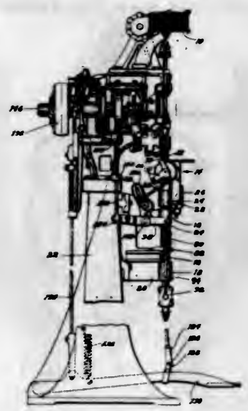
1,573,080. ELECTRIC STOVE. ROBERT H. MACINNES, Hamilton, Ontario, Canada, assignor to D. Moore Company, Limited, Hamilton, Ontario, Canada. Filed Feb. 9, 1925. Serial No. 7,906. 3 Claims. (Cl. 219—35.)



3. In an electric stove, a series of heating elements, a neutral lead to which each of said elements is connected and forming the common return therefor, a fuse lock, feed bus bars carried thereby, a series of fuse receptacles carried by the block, said receptacles being equally balanced between said bus bars single feed connections between respective heating elements and fuse receptacles, a series of switches equal in number to the heating elements and each interposed between one such heating element and its fuse, the connection between the neutral and the heating elements being through said switches, an unfused bus bar carried by the block and having the neutral lead connected thereto, and line wire connections on said fuse block for connecting line wires to the respective bus bars.

1,573,081. FASTENING-INSERTING MACHINE. FRED L. MACKENZIE, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed June 3, 1922. Serial No. 565,765. 43 Claims. (Cl. 1—41.)

1. In a fastening inserting machine having a guiding member through which the fastenings are driven, the combination of a roller mounted on the guiding member in position to engage the work to serve as a movable abutment therefor, a work support, a feed roll mounted on the work support to co-operate with the roller for feeding the work across the upper end of the work support, spring means operative to maintain the roll con-



stantly in contact with the work during a series of fastening inserting operations, and power means for retracting the work support against the opposition of the spring to work receiving position.

1,573,082. STENCIL. HARRY DE FOREST MADDEN, Newark, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Sept. 16, 1921 Serial No. 501,126. 6 Claims. (Cl. 101—127.)



1. A removable stencil having a pattern formed therein and having a resilient material adjacent to the edges of said pattern and adapted to arrest the wearing away of the pattern by a cutting material.

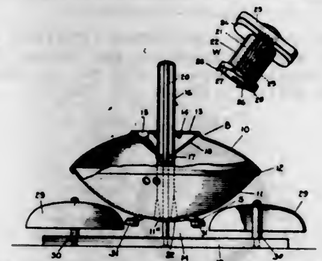
1,573,083. PROCESS FOR THE PRODUCTION OF METALS. JOHN WESLEY MARDEN and CLETUS CLINTON VAN VOORHIS, East Orange, N. J., assignors to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed June 13, 1921. Serial No. 477,267. 30 Claims. (Cl. 75—17.)

1. The method of producing refractory metals which consists in heating a metallic oxide, an alkali metal and either an alkali metal halide or an alkaline earth halide the base of which is a metal other than the alkali metal employed.

1,573,084. SOUNDING SPINNING TOP. LOUIS MARX, New York, N. Y. Filed Dec. 18, 1924. Serial No. 756,654. 7 Claims. (Cl. 46—32.)

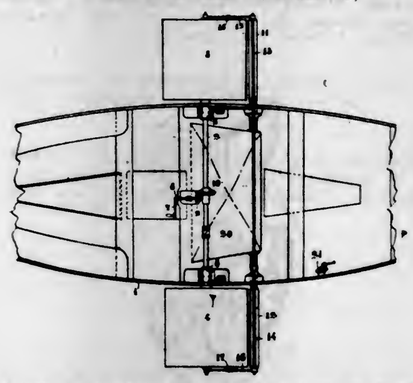
1. A sounding spinning top comprising a rotatable spinning top body, a winding means therefor, a stationary

mounting for the top body, and sounding means having complemental parts comprising a sounding element on the mounting and a hammer device on the spinning top



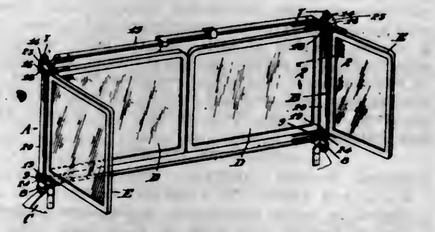
body, the said complemental parts of the sounding means coacting to produce sound when the top body is spun on the mounting.

1,573,085. APPARATUS FOR RECOVERING NAPHTHA FLOATING ON THE SURFACE OF WATER. ALESSANDRO MEIANI, Spezia, Italy. Filed Aug. 23, 1924. Serial No. 733,855. 1 Claim. (Cl. 210—1.)



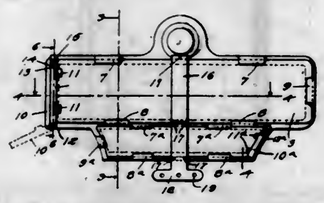
A boat for recovering naphtha floating on the surface of water, provided with rotary cylinders partially dipping into the water, so as to carry the naphtha adhering to their surface, in combination with a brush slightly contacting with the lateral surface of the cylinders so as to remove the naphtha conveyed upward and conduits arranged to receive the naphtha wiped out by the brushes and to deliver it into a collecting tank.

1,573,086. TONNEAU WINDSHIELD. CLYDE L. MILLER and JOHN F. MILLER, Los Angeles, Calif. Filed May 6, 1924. Serial No. 711,335. 7 Claims. (Cl. 296—85.)



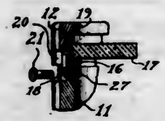
1. In a tonneau windshield, a standard including a vertical rod, a fixed bracket engaging the lower end portion of the rod, a windshield wing having a pair of brackets pivotally engaging said rod, a spring interposed between the fixed bracket and the lowermost bracket on said windshield wing, a second windshield wing having ears pivotally engaging said rod intermediate the pivoted brackets on the other windshield wing, stationary elements encompassing the rod intermediate the pivoted ears and brackets, and means for affording a frictional contact between each of said stationary elements and the contiguous ears and brackets.

1,573,087. HOLDER FOR LICENSE AND CITY NAME PLATES. PATRICK F. MORRISSEY, Auburn, N. Y. Filed Oct. 14, 1924. Serial No. 743,616. 2 Claims. (Cl. 40—125.)



1. A holder for an automobile license plate, comprising an open frame having integrally formed top, bottom and end bars, license plate retaining lugs on the top, bottom and one end bar, and a latch carried by the other end bar and provided with license plate retaining lugs.

1,573,088. GOGGLES. EDMOND PELOQUIN, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Mar. 31, 1924. Serial No. 703,082. 3 Claims. (Cl. 2—14.)



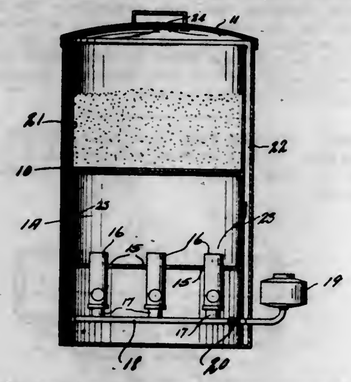
1. In a device of the character described, an annular eye cup having a portion adapted to conform to the face, and a reduced portion on the opposite end thereof, a plurality of screw members having projecting heads in the reduced portion, an annular cap adapted to fit over the reduced portion of the eye cup, having a plurality of apertures adapted to slip over the body portion of the screws under the projecting portion so that the projecting portion of the screws will engage the section of the cap surrounding the apertures, whereby the cap may be frictionally held on the reduced portion by tightening up the screws after the cap is slipped in place.

1,573,089. MOLD CONSTRUCTION FOR CENTRIFUGAL CASTING MACHINES. JOHN RICE, Burlington, N. J., Filed Jan. 10, 1924. Serial No. 685,443. 19 Claims. (Cl. 22—65.)



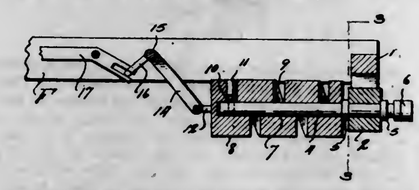
1. An apparatus for centrifugally casting pipes comprising a mold, a liner, and means for assembling the liner within the mold to permit of uniform diametrical and linear expansion of the same throughout its length with respect to the mold.

1,573,090. FEED COOKER AND HEATER. JERRY ROWLETT, Mound City, Mo. Filed Feb. 12, 1925. Serial No. 8,856. 1 Claim. (Cl. 126—350.)



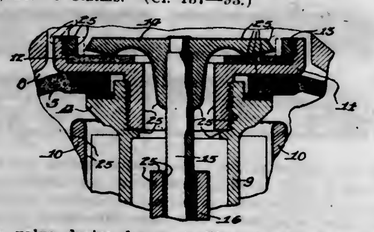
A cooker and heater of the character described comprising an outer casing of sheet metal having a bottom and a nemovable lid, an oven removably disposed within the casing, the side wall of the oven extending down to the bottom of the casing and resting thereon, the bottom of the oven having apertures and being spaced from the bottom of the outer casing, a lamp disposed in the bottom of the casing and having a plurality of burners, chimneys on the burners extending upward through the apertures in the bottom of the oven, and a cooking container open at the top and adapted to rest on the top of the oven and to be disposed within the casing, the container having a diameter less than the diameter of the casing.

1,573,091. MARKER FOR CORN PLANTERS. JERRY ROWLETT, Mound City, Mo. Filed Apr. 9, 1925. Serial No. 21,898. 3 Claims. (Cl. 111—30.)



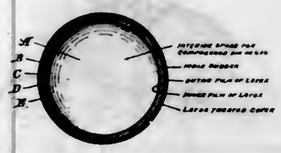
1. In combination with a planter frame, a shaft rotatably supported thereby, a marker carried by the shaft, a member telescopically receiving an end portion of the shaft, means for reciprocating said member, and coacting means carried by said shaft and member for rotating the shaft upon reciprocation of the member.

1,573,092. VALVE. IRVING H. RUSSELL, Chicago, Ill., assignor to Sloan Valve Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 28, 1921. Serial No. 518,116. 6 Claims. (Cl. 137—93.)



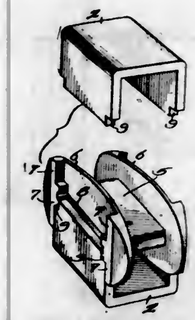
3. A valve device for controlling the flow of liquids comprising a casing, a main valve therein, an auxiliary valve mounted on said main valve and a deposit preventing coating on said auxiliary valve for preventing the deposit of hard material thereon.

1,573,093. TENNIS AND OTHER PLAYING BALL. ROBERT RUSSELL, Manchester, and HERBERT BROOMFIELD, Stockport, England. Filed Mar. 31, 1924. Serial No. 703,126. 5 Claims. (Cl. 273—61.)



1. As a new article of manufacture a playing ball composed of sections of vulcanized india rubber and provided on at least one side with a film of precipitated latex solids.

1,573,094. POLARIZED ELECTROMAGNET. HENRY G. SAAL, Chicago, Ill. Filed Mar. 20, 1925. Serial No. 17,082. 8 Claims. (Cl. 175—21.)

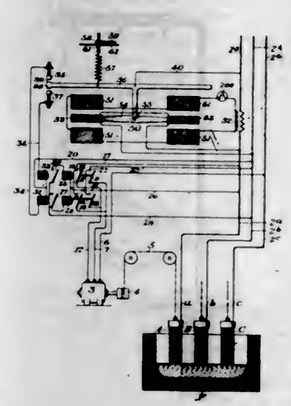


1. In a polarized electromagnet, the combination with a permanent magnet; of two polar extensions of U form, each end of the permanent magnet being provided with one of these extensions which are symmetrically arranged with the ends of each facing and spaced apart from the ends of the other to define a space for the winding and armature of the magnet; a winding spool comprising a body portion and two flanges, one at each end of the body portion, said flanges having, each, two symmetrically related pairs of L shaped shoulders on opposite sides of the spool, the shoulders of each pair being symmetrically related and inwardly facing to define spaces in which said polar extensions are received, the spool being formed with an opening extending therethrough and between the L shaped shoulders of each pair, the polar extensions being formed with angular recesses at each of their corners in which adjacent sides of the shoulders are received; a winding upon said spool and between its flanges; and an armature within the spool opening and between said polar extensions.

1,573,095. POWER CONTROL. BYRAMJI D. SAKLATWALLA and ARTHUR N. ANDERSON, Crafton, Pa., assignors, by mesne assignments, to Vanadium Corporation of America, New York, N. Y., a Corporation of Delaware. Filed Apr. 24, 1919. Serial No. 292,286. 36 Claims. (Cl. 204—64.)

36. The combination with a device for consuming or transforming electric power, of an automatic regulator

comprising relatively movable co-acting current and voltage coils and responsive to variations in the wattage



consumption for maintaining a substantially constant wattage consumption, substantially as described.

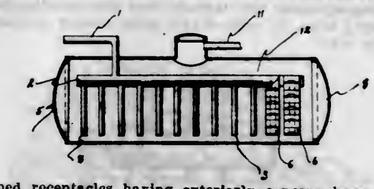
1,573,096. RETAINING DEVICE FOR RADIATOR CAPS. HERMAN SCHLAICH, Long Island City, N. Y. Filed Mar. 24, 1922. Serial No. 546,438. 14 Claims. (Cl. 220—24.)



1. A retaining device for use with a radiator cap equipped with an instrument having a threaded stem projecting through a hole in said cap, comprising a toggle member having a body portion and a plurality of automatically operable fingers movably connected thereto, and means connecting said toggle member with said instrument stem, said fingers being effective to prevent removal of the toggle member from the radiator.

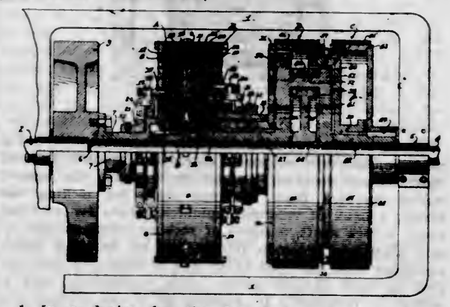
1,573,097. BOILER. JOHN B. SCHLOSSER, Detroit, Mich. Filed Nov. 3, 1923. Serial No. 672,476. 2 Claims. (Cl. 122—35.)

1. A device of the class described, adapted for positioning in a receptacle in communication with a boiler, and adapted for being surrounded by the water of the boiler, comprising a plurality of separate rectangularly



shaped receptacles having exteriorly concave bases, said receptacles being filled with a metal of a low melting point.

1,573,098. MULTIPLE-SPEED PLANETARY-GEAR TRANSMISSION MECHANISM. FRED F. SMALL and CARL E. NAGEL, Oakland, Calif. Original application filed May 29, 1924, Serial No. 716,559. Divided and this application filed Dec. 16, 1924. Serial No. 756,210. 3 Claims. (Cl. 74—34.)



1. In a device for the described purpose, a driven shaft; a driving member journaled thereupon; a rotatable drum journaled upon said shaft; a plurality of coaxial gears housed within said drum; means mounted about said shaft and positioned exteriorly to said drum at one end thereof for selectively connecting two of said gears with said driving member; means for releasably holding one of said gears stationary; and a planet pinion member carried by the shaft and adapted to mesh with and connect said coaxial gears.

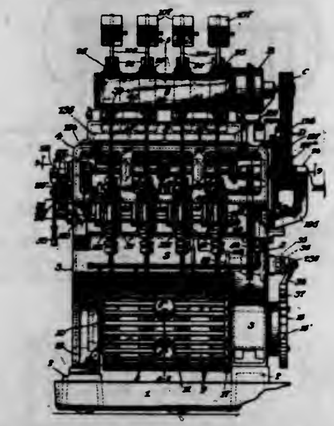
1,573,099. NUT-TAPPING MACHINE. OSCAR A. SMITH, East Cleveland, and GEORGE J. LEBER, Cleveland, Ohio, assignors to The National Acme Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 17, 1922. Serial No. 529,948. 108 Claims. (Cl. 10—130.)

8. In a metal working machine, the combination of a rotary blank holding turret having means for discharging the chips therefrom, means for operating the turret, tool carrying spindles, means for operating the spindles, and automatic means for simultaneously stopping the turret operating means and a part of the spindle operating means, said automatic means being timed to permit a predetermined number of operations of the turret and of the spindles.

11. In a metal working machine, the combination of a drive shaft, a rotary turret having a series of spaced blank holder recesses extending lengthwise of the turret, means connected to said shaft for indexing and locking the turret, a spindle adapted to carry a tool, means controlled by the shaft for rotating the spindle, means for reciprocating the spindle, and automatic means for simultaneously stopping the reciprocation of the spindle and the indexing of the turret without stopping said shaft.

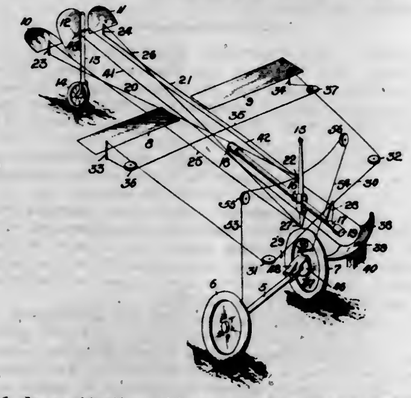
39. A rotatable blank carrying turret comprising a shaft, a drum mounted thereon, said drum having a se-

ries of spaced blank holder receiving recesses extending lengthwise thereof and also having one or more ship receiving openings therethrough, and tapered filler rings extending from the ends of said drum toward the center of said shaft.



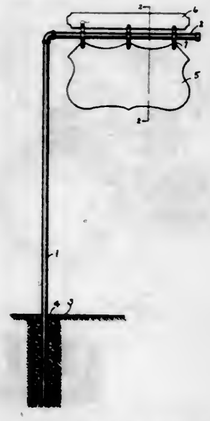
65. In a metal working machine, the combination of a rotary horizontally supported blank holding turret, a cam shaft, means operated thereby for indexing the turret, means operated from the cam shaft for locking the turret, a bank of rotatable spindles, means for rotating them, a rock shaft, a series of rocking levers carried by said shaft one for each spindle and all operated simultaneously from the cam shaft, and a cushioned dog carried by each of said levers, each cooperating with a spindle to reciprocate it, whereby all of the spindles are reciprocated simultaneously from the cam shaft.

1,573,100. MEANS FOR GUIDING AEROPLANES ON THE GROUND. LAWRENCE B. SPERRY, Farmingdale, N. Y.; The Bank of America, New York, N. Y., and Winifred Allen Sperry, Hempstead, N. Y., executors of said Lawrence B. Sperry, deceased. Filed June 8, 1922. Serial No. 566,702. 9 Claims. (Cl. 244—2.)



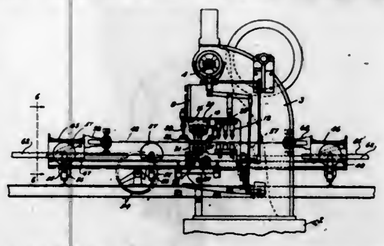
1. In combination with an aeroplane having forward landing wheels and a pivotally mounted trail wheel, of separate brakes on said forward wheels, and a common means for differentially applying said brakes and turning said trail wheel whereby the aeroplane may be steered on the ground by the cooperative action of the trail wheel and differential application of the brakes.

1,573,101. SIGN SUSPENSION. HARRY STECKOL, Houston, Tex. Filed Aug. 8, 1925. Serial No. 48,982. 1 Claim. (Cl. 40—128.)



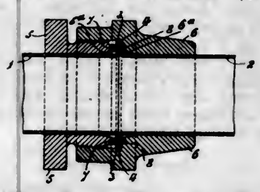
A display device comprising a post, a lateral arm thereon, a sign board below said arm, a smaller sign board above said arm, and opposite clamping plates secured at their ends to said boards and including said arm loosely between them to allow a swinging movement of said boards thereon.

1,573,102. PLATE-FABRICATING MACHINE. WILLIAM J. TANGERMAN, Hammond, Ind. Filed Jan. 27, 1922. Serial No. 532,240. 22 Claims. (Cl. 164—110.)



1. A machine of the class described, embodying therein a movable punch holder, a movable die block, a stripper element interposed between but supported independently of said punch holder and die block, and means for synchrononsly moving said stripper element, movable punch holder and co-operative die block.

1,573,103. COUPLING FOR METAL TUBES. FREDERICK TOMLINSON, Salford, England. Filed Feb. 28, 1924. Serial No. 695,630. 2 Claims. (Cl. 285—127.)



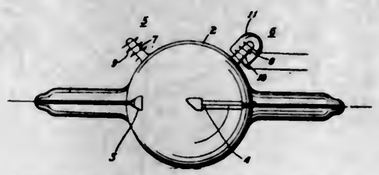
1. In a coupling for metal tubes having radially flanged abutting ends, a sleeve loosely fitting upon each of the tubes adapted to abut against the flanges thereof, one sleeve having an annular recess in the end thereof, a projection on the end of the other sleeve, and means for forcing said sleeves together, said flanges, annular recess and projection, having a double line contact between the same formed by forcing said sleeves together.

1,573,104. ART OF SHOEMAKING. FRED E. TOOTHAKER, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed May 2, 1925. Serial No. 27,502. 5 Claims. (Cl. 12—142.)



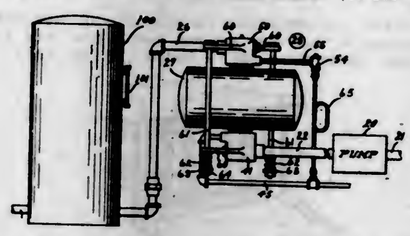
4. The method of making stitchdown shoes which consists in providing a counter having the major portion of its sole attaching flange inturned and portions adjacent to the counter wings outturned, placing the counter between the outer layer and lining of the shoe upper, positioning the upper on a last having an innersole thereon, lasting the lining inwardly and securing it to the innersole, applying a middle sole, and lasting and securing the upper and outturned portions of the counter to the margin of the middle sole.

1,573,105. X-RAY TUBE. CLETUS C. VAN VOORHIS, Wilkinsburg, Pa., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Jan. 5, 1921. Serial No. 435,077. 16 Claims. (Cl. 250—34.)



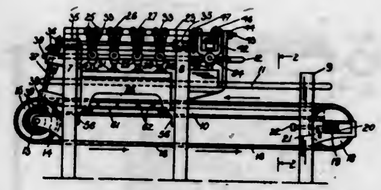
1. The method of regulating the vacuum of a glass vacuum tube, which consists in introducing a gas into said tube by applying a gas to the surface of said tube and heating said surface.

1,573,106. PUMPING APPARATUS. CLARENCE WARNER, Dayton, Ohio, assignor to Delco-Light Company, Dayton, Ohio, a Corporation of Delaware. Filed Sept. 4, 1923. Serial No. 660,723. 21 Claims. (Cl. 103—6.)



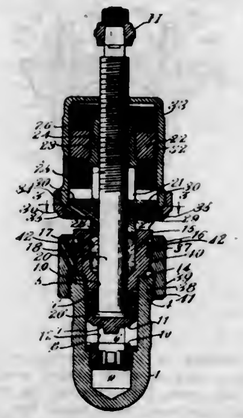
1. In a water system, the combination with a pump and a pressure storage tank; of a main passage connecting the pump and storage tank; an auxiliary tank; and means controlled by movement of the auxiliary tank for introducing air into the auxiliary tank and for causing air to be forced from the auxiliary tank into the storage tank.

1,578,107. CAN-SIDE-SEAMS-SOLDERING MACHINE. CHARLES HORACE LEONARD WILKINS, Crows Nest, near Sydney, Australia. Filed Feb. 26, 1924. Serial No. 695,157. 8 Claims. (Cl. 113—60.)



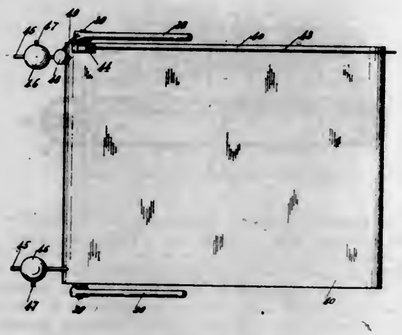
1. A soldering machine, comprising, in combination, a frame provided with a track bar adapted to support a can longitudinally thereof, means for engaging the can at different points on its outer periphery thereby to retain and guide said can on said track bar, a traveling member adapted to move the can continuously in one direction between said engaging means, brackets pivotally mounted on the frame at opposite sides thereof and adapted to swing toward said frame, a counterbalancing weight carried by each of said brackets and adapted to urge the same toward the frame, a soldering roller mounted for rotation in each bracket and disposed in position to contact with the can along a line parallel with its longitudinal axis, means for operating said traveling member, and means for transmitting rotary motion from said operating means to said soldering rollers.

1,573,108. STOP VALVE. BELVIN T. WILLISTON, Somerville, Mass., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y., a Corporation of New Jersey. Filed Mar. 30, 1925. Serial No. 19,284. 3 Claims. (Cl. 251—49.)



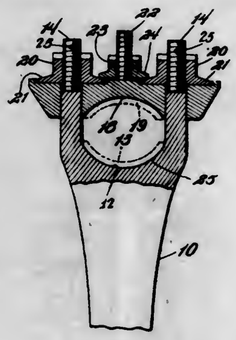
3. In a valve, a valve body having a seat therein, a valve adapted to cooperate with said seat, a valve stem connected to the valve, a bonnet surrounding said stem, said bonnet having at its upper end an annular rim surrounding said stem, a gland reciprocable relatively to said bonnet, and means for adjusting said gland including a hollow cylindrical cap having threaded engagement with said bonnet rim and having a connection with said gland including means providing an annular groove coaxial with said stem on said cap, and means fixed relatively to said gland seated within said groove, said cap having an unbroken peripheral wall extending between said groove and said bonnet rim.

1,573,109. STABILITY AND STEERING DEVICE FOR AIRCRAFT. HERMAN J. ZOTTEL, Milwaukee, Wis. Filed July 5, 1916, Serial No. 107,579. Renewed Mar. 7, 1924. 31 Claims. (Cl. 244—29.)



22. In an aircraft a vertical rudder located near the end thereof, an air-vane connected for operating the rudder, manually operative means capable to set the air-vane into alignment with the general direction of cross currents, while the rudder may remain set in alignment with the longitudinal axis of the aircraft, for the purpose specified.

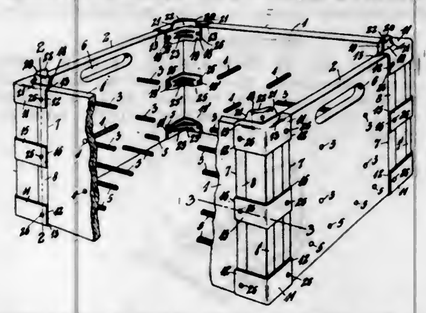
1,573,110. SHIMLESS BEARING. ARTHUR M. ALLEN, Mesa, Wash., assignor of one-fourth to Eugene Kirby and one-fourth to Logan L. Long, Connell, Wash. Filed Aug. 1, 1925. Serial No. 47,585. 3 Claims. (Cl. 308—67.)



3. In a bearing, a main bearing section including spaced arms, a cap therefor having openings receiving and fitting the arms, the arms having studs projecting through said openings, nuts upon the studs abutting the cap and means adjustably engaged with the cap and said nuts for drawing the cap forcibly against the nuts.

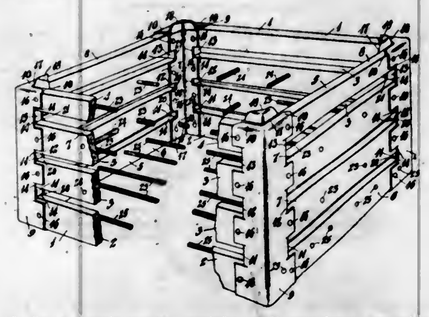
1,573,111. BOTTLE CRATE. HERBERT H. GERDING, Newport, and EDWARD A. GERDING, Fort Thomas, Ky. Filed Feb. 13, 1925. Serial No. 8,906. 14 Claims. (Cl. 217—69.)

5. In a bottle crate, upright wall members meeting to form a corner of the crate, each having an upright groove in its outer side near said corner, upright tie members in the respective grooves, corner members lapping around said corner and outside said tie members, near the tops and bottoms, respectively, of said wall members, and lapping across the edges of said wall members, and fastening means extending from the corner



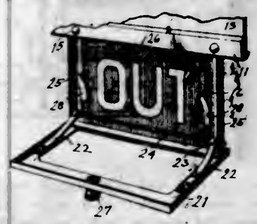
members through the respective tie members to the respective walls, each tie member having an opening elongated up and down where a certain one of said fastening means passes through said tie member.

1,573,112. BOTTLE CRATE. HERBERT H. GERDING, Newport, and EDWARD A. GERDING, Fort Thomas, Ky. Filed Mar. 30, 1925. Serial No. 19,401. 5 Claims. (Cl. 217—69.)



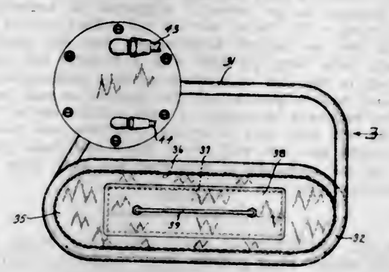
1. In a bottle crate, upright wall members assembled to form a corner of the crate, each of oblong vertical cross-section with its narrow edges horizontal and having a transverse recess in one of said horizontal edges near said corner, said recess terminating short of the opposite narrow edge, and a corner member lapping around the corner outside said wall members and having extensions in the respective recesses.

1,573,113. AUTOMOBILE LICENSE-PLATE HOLDER. GEORGE G. IRIB, Los Angeles, Calif. Filed Aug. 11, 1925. Serial No. 49,566. 4 Claims. (Cl. 40—125.)



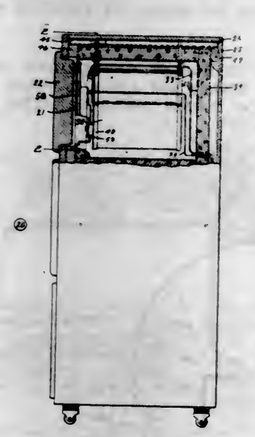
1. A license plate holder comprising a main frame portion adapted to hold a regular license plate, an auxiliary frame portion integral with the main frame portion, a detachable and collapsible auxiliary license plate inscribed with characters corresponding to the main license plate, and mounted in the auxiliary frame portion, a back plate integral with the auxiliary frame portion and bearing a signal, said auxiliary license plate covering the signal when in position in the auxiliary frame, a cover hinged to the auxiliary frame portion and adapted to retain the auxiliary license plate in its operative position, and means for maintaining the cover in its operative position.

1,573,114. REFRIGERATING APPARATUS. JESSE G. KING, Dayton, Ohio, assignor, by mesne assignments, to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed May 30, 1923. Serial No. 642,366. 4 Claims. (Cl. 62—95.)



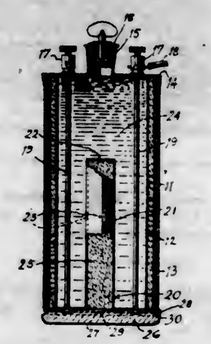
4. Cooling apparatus for refrigerators comprising the combination with an evaporating tank, and a plurality of contiguous pipe coils connected therewith, said coils providing a pigeon hole; and a brine tank supported by said coils within said pigeon hole and removable therefrom.

1,573,115. REFRIGERATING APPARATUS. JESSE G. KING, Dayton, Ohio, assignor to Delco-Light Company, Dayton, Ohio, a Corporation of Delaware. Filed May 30, 1923. Serial No. 642,367. 6 Claims. (Cl. 62—95.)



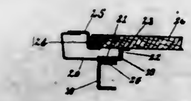
6. Refrigerating apparatus comprising the combination with a cabinet having a cooling compartment; of a cover for said compartment and having an opening therein; of a cooling unit adapted to be located within the compartment and having an opening adapted to be arranged to register with the opening in said cover; of a support for said cooling unit, said support comprising means for resiliently securing the cooling unit in position with respect to said cover.

1,573,116. THERMATOLOGIC ELECTRODE. TSURUKICHI KOBAYASHI, Los Angeles, Calif. Filed Sept. 2, 1924. Serial No. 735,423. 3 Claims. (Cl. 174—89.)



1. In a thermatologic electrode, the combination with a body and a liquid content therein, of a cap forming the upper extremity of the body, an inner container member forming the opposite end of the body and extending axially therein, an absorbent filler for the inner container member, said container member having a series of minute apertures, metal rods extending through the body and connecting the cap and inner container member, terminal binding posts on said rods and on the exterior of the cap, and a contact pad of absorbent material detachably secured to the lower extremity of the body, and arranged in contact with the absorbent filler.

1,573,117. MOTOR VEHICLE. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 18, 1920. Serial No. 431,732. 5 Claims. (Cl. 296—28.)

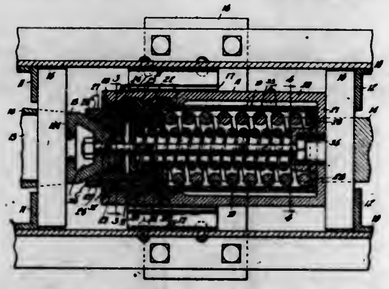


1. In a motor vehicle, the combination with the chassis frame having side members, and a body member having a body shell with an inwardly-extending flange at each side of the body at the lower side edges of said shell, said lower side edges of the body shell being longitudinally curved, of substantially straight longitudinally-extending body sills secured to said inwardly-extending flanges and spaced from the curved lower side edges of the body shell to rest longitudinally over and be secured to the side members of the chassis frame.

1,573,118. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Mar. 12, 1923. Serial No. 624,812. 12 Claims. (Cl. 213—32.)

1. In a friction shock absorbing mechanism, the combination with a follower acting shell; of a spring resistance; tapering friction elements within the shell, said elements and shell having co-acting wedge faces; a

plurality of friction shoes co-acting with said elements, said shoes being movable inwardly of the shell during compression of the mechanism; and a wedge pressure



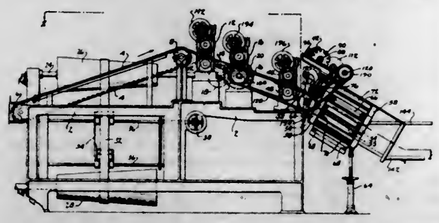
creating means co-acting with the shoes for spreading the same apart and forcing the same inwardly of the shell during a compression stroke.

1,573,119. SHOE-LACE HOOK. HENRY E. PAMBIANCO, Stockton, Calif. Filed Feb. 14, 1925. Serial No. 9,126. 1 Claim. (Cl. 24—146.)



A shoe lace hook comprising a hook member adapted to be placed against the outer side of the shoe material, a screw adapted to be screwed into the hook member from the face thereof which rests against the shoe material, said head having opposed sockets inwardly of its outer periphery, and a key member having projections to enter the sockets.

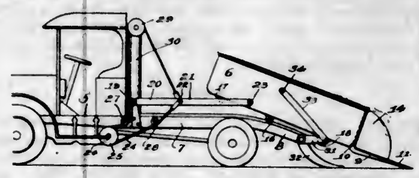
1,573,120. SHEET PRODUCING AND STACKING APPARATUS. BENJAMIN S. PENLEY, Philadelphia, Pa., assignor to Beech-Nut Packing Company, Canajoharie, N. Y., a Corporation of New York. Filed June 29, 1925. Serial No. 40,189. 20 Claims. (Cl. 226—16.)



1. In a machine for handling sheets of gum, the combination of means for delivering severed sheets of gum, comprising a forwardly and downwardly inclined delivery table, and means for receiving said severed sheets comprising a forwardly and downwardly inclined tray, the angle of inclination being such that the sheet will be substantially stopped by friction at the desired point.

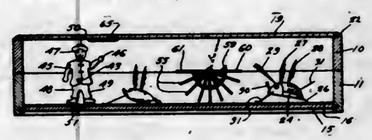
20. In a machine for handling sheets the combination of means for delivering severed sheets, and means for receiving said severed sheets comprising a forwardly and downwardly inclined tray, said machine having means for delivering said sheets to said tray in a downwardly and forwardly inclined direction, and means for angularly adjusting said tray for varying conditions of the sheets delivered thereto.

1,573,121. SNOW-REMOVING APPARATUS. JUSTUS POTTER, Richmond Hill, N. Y., assignor of one-half to William T. Stevenson, Woodside, Long Island, N. Y. Filed Feb. 2, 1925. Serial No. 6,230. 10 Claims. (Cl. 37—5.)



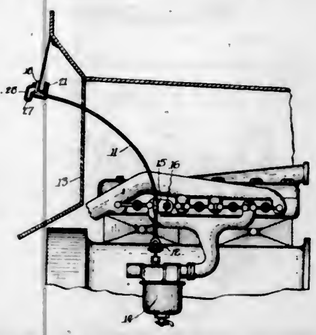
1. An apparatus of the class described comprising a motor vehicle, a body movably disposed on said vehicle and adapted to be normally supported in horizontal position upon the frame work of the vehicle and to be moved into an inclined position, the rear end portion of said body being provided with a movable end wall adapted to function as a scoop whereby predetermined material may be passed into the chamber of said body in the backward movement of said vehicle, means for moving said body into its several positions, and means for moving said end wall into a raised and closed position in the operation of returning the body from an inclined position to a horizontal position.

1,573,122. ELECTRICAL TOY. HERMAN J. RANK, St. Paul, Minn. Filed Feb. 13, 1922. Serial No. 536,085. 7 Claims. (Cl. 46—49.)



1. A toy adapted to be attracted by static charges comprising a support, an axis attached thereto, a plurality of leaves independently and hingedly connected to said axis, stop members for holding said leaves in spaced relation to one another and means adapted to receive electric charges for successively attracting said leaves.

1,573,123. AUTOMOBILE CARBURETOR ADJUSTER. GEORGE H. REPKOW and JAMES T. BUNDO, Waukegan, Ill. Filed Oct. 9, 1924. Serial No. 742,510. 3 Claims. (Cl. 137—139.)



2. A carburetor adjuster adapted to be mounted on an automobile, comprising in combination a spring rod having a contracted fork at one end designed to be expanded after mounting on the automobile for connection

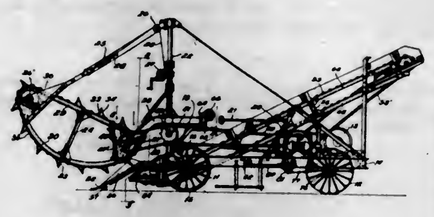
with its carburetor valve, a rod-supporting bracket on the rod designed to be mounted adjacent to the carburetor, and a clamp on the rod intended to straddle the lower edge of the automobile dashboard, the end of the rod adjacent to said clamp being bent to form an operating handle and the clamp adjacent to said handle being supplied with means to indicate the position of the handle, said bracket and clamp affording bearings for the flexed rod the turning of which by its handle is designed to adjust the carburetor valve.

1,573,124. MANUFACTURE OF SHOES. FRED RICKS, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Oct. 31, 1922. Serial No. 598,218. 11 Claims. (Cl. 12—146.)



1. That improvement in methods of making shoes which consists in assembling with an upper a heel stiffener having a molded contour confined to a limited area substantially midway between its opposite ends and corresponding substantially to the contour of the rear end face only of a form over which the upper is to be shaped, positioning the assembled upper and stiffener in such relation to the form that the molded intermediate portion of the stiffener substantially fits the rear end face of the form, and shaping over said form the upper and the remaining portions of the stiffener.

1,573,125. AUTOMATIC LOADER. HUGH P. ROBBINS, Chicago, Ill. Filed July 17, 1920. Serial No. 397,072. 7 Claims. (Cl. 198—8.)



1. In a machine for loading piled, loose material, the combination of a frame, an inclined conveyor extending lengthwise to the frame, a digger pivoted adjacent to the receiving end of the conveyor to swing horizontally and vertically, and an apron between said digger and said conveyor and pivotally mounted independently of the digger.

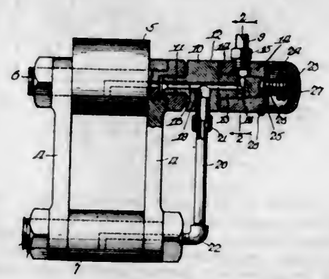
1,573,126. DIRECTORY BOARD. BRYANT L. AKINS, Brooklyn, N. Y. Filed Apr. 11, 1925. Serial No. 22,255. 8 Claims. (Cl. 40—63.)

4. A directory board comprising a frame, an arcuate shaped name strip holding element therein, a door removably associated with said frame and normally urged outward by said element, a lip on the top of said door adapted to engage the frame, and a locking member in



the bottom of said door adapted to cooperate with the lip for preventing premature removal of the door from said frame.

1,573,127. LUBRICATING SYSTEM FOR MOTOR VEHICLES. FRANK L. BAKER, Chicago, Ill. Filed Mar. 5, 1923. Serial No. 622,787. 5 Claims. (Cl. 64—27.)

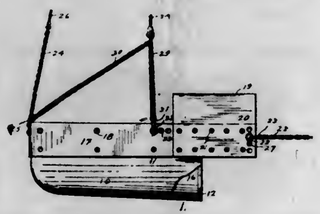


1. In a lubricating device, the combination of a shackle bolt, a member at one end of and connected to said bolt having a conoidal periphery, a sleeve rotatable relatively to said member and having a correspondingly conoidal socket fitting around said periphery, a supply pipe connected to deliver oil into the sleeve, an oil duct leading from the sleeve through said member and bolt, and spring means to hold the conoidal peripheries of the member and sleeve in fluid-tight relation to prevent escape of oil between said member and said sleeve.

1,573,128. BUCKET FOR EXCAVATORS. WALTER BAKER, Fairfield, Iowa, assignor to Speeder Machinery Corporation, Fairfield, Iowa. Filed Mar. 24, 1924. Serial No. 701,465. 2 Claims. (Cl. 37—135.)

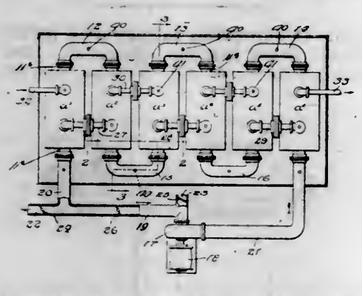
1. An excavator bucket comprising a body portion having a bottom, a back and side members, a band extending around the top edge of said bucket having forwardly extending ends, means for securing said band to said bucket, an arch member for supporting said forwardly extending portions against lateral movement, the forward ends of said forwardly extending portions of said band being provided with a series of openings arranged in a vertical line, the central portion of the side of said band being provided with a series of openings

arranged in a substantially horizontal plane, a clevis detachably secured with each set of the first said openings, a clevis for each set of the second said openings, a chain for the first said clevis, and a chain for the sec-



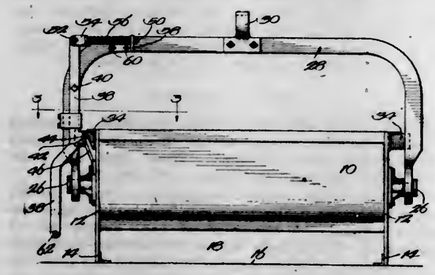
ond said clevis, a third chain in connection with the second said chain mounted on the rear end of said bucket, and a tilting chain secured to the back edge of said bucket.

1,573,129. PROCESS AND APPARATUS FOR FRACTIONAL CONDENSATION. JOHN E. BELL, Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed Mar. 23, 1922. Serial No. 545,951. 16 Claims. (Cl. 196—94.)



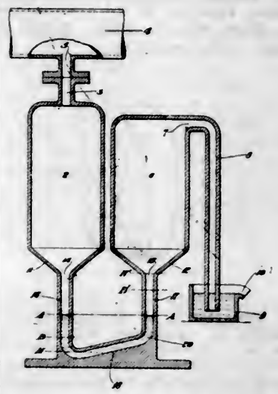
1. A process of the class described which comprises passing the vapors to be condensed into heat exchange relationship with a cooling medium moving through a closed circuit, and regulating the temperature of the medium by replacing a portion thereof with fresh cooling medium.

1,573,130. SELF-RIGHTING BUCKET. HOMER W. BENTON, Harvey, Ill., assignor to Whiting Corporation, Harvey, Ill., a Corporation of Illinois. Filed Oct. 6, 1924. Serial No. 741,843. 2 Claims. (Cl. 294—73.)



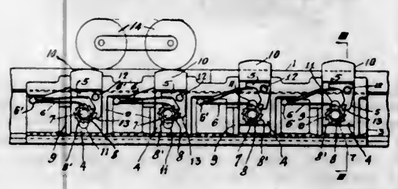
1. In mechanism of the class described, a bucket carrying an end trunnion, a bail above the bucket extending down and pivoting on the trunnion, a stop on the bucket engaging one side of the bail, curved cam track on the bucket on the opposite side of the bail, a latch lever pivoted to the bail, having a dog traveling over the cam track and enterable between the stop and cam track and a compression spring operatively connected between the lever and bail urging the lever to said locked position for said dog.

1,573,131. STEAM TRAP. JAMES L. BERNARD, Beaver, Pa. Filed May 1, 1923. Serial No. 635,951. 3 Claims. (Cl. 137—103.)



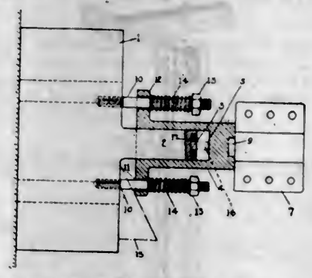
1. A trap for removing the liquid condensates from containers containing gaseous and vaporous fluids, comprising a pair of vessels having a reduced communicating passage at their lower ends, one of said vessels being of a greater height than the other and being provided with an inlet opening at its upper end adapted to be in communication with the container from which the condensate is to be removed, the other of said vessels being provided with an outlet opening in the communicating passage between said vessels, said seal being of greater specific gravity than the condensates, and normally closing said communicating passage.

1,573,132. AUTOMATIC RAIL-JOINT FASTENING. MICHAEL BETKE, Denver, Colo. Filed Jan. 12, 1925. Serial No. 2,022. 5 Claims. (Cl. 238—262.)



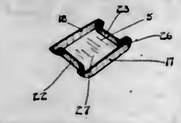
1. In an automatic rail joint fastening, the combination of ratcheted nut members, spaced operating plates severally located adjacent thereto and adapted to project at times above normal positions, and means carried by the several operating plates adapted to engage and rotate said nut members.

1,573,133. PROCESS AND APPARATUS FOR MEASURING KINETIC ENERGY. ALBIN H. BEYER, New York, N. Y. Filed Mar. 8, 1910, Serial No. 281,864. Renewed Apr. 10, 1924. 6 Claims. (Cl. 265—1.)



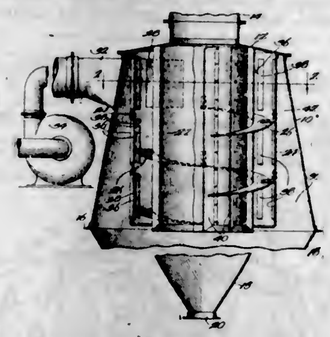
1. A measuring device comprising, in combination, a pair of jaws, one having approaching and receding movements relative to the other, a deformable gauge between said jaws, and means adapted to hold an energy producing device in fixed relation to a movable jaw.

1,573,134. WATCHCASE AND PROCESS FOR MAKING SAME. CARL W. BIESER, Cincinnati, Ohio, assignor to The Gruen National Watch Case Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Apr. 12, 1923. Serial No. 631,737. 2 Claims. (Cl. 58—88.)



1. As a new article of manufacture a sheet metal watch case stamping comprising a base and peripheral flanges extending from the base and integral lugs formed at the periphery, connecting the flanges and lying wholly outwardly beyond one pair of opposite flanges.

1,573,135. DUST COLLECTOR. RALPH H. BOURNE and AUBREY J. GRINDLE, Chicago, Ill., assignors to Grindle Fuel Equipment Company, Harvey, Ill., a Corporation of Illinois. Filed Nov. 22, 1924. Serial No. 751,482. 8 Claims. (Cl. 183—83.)



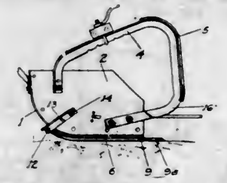
1. In mechanism of the class described, in combination, an outer case, a pair of concentric spaced cylinders inside the outer case connected together by a spiral partition forming a spiral passage extending from top to bottom of said cylinders, there being in the outer of said concentric cylinders a multiplicity of vertically disposed elongated perforations opening into said spiral passage, means introducing dust laden air from outside the device to the upper end of said spiral passage in a direction tangential to the inner surface of the larger of said two concentric cylinders, means conducting cleaned air from the bottom of said spiral passage out of the top of the machine and means conducting dirt from the bottom of machine.

1,573,136. PULLEY-HANGER BRACKET FOR DRAW-CURTAIN FIXTURES. JAMES H. BOYE, Chicago, Ill., assignor to James H. Boye Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 27, 1925. Serial No. 71,522. 4 Claims. (Cl. 156—20.)



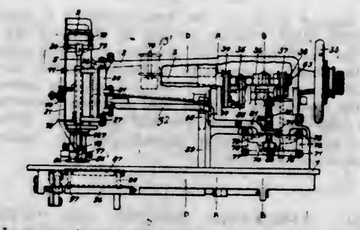
1. A pulley hanger bracket for draw curtain fixtures, comprising a metal strip formed at its upper end with a hook to engage over the upper edge of a curtain rod and at its lower end with a pulley bearing and pulley, and a spring attached to said strip with a free portion thereof projecting rearwardly of the latter and adapted to snap beneath and behind the lower edge of the rod.

1,573,137. TULE AND SOD SCRAPER. EMMITT E. BRANNON, Turlock, Calif., assignor of one-half to Louis H. Rickenbacker, Turlock, Calif. Filed Feb. 14, 1925. Serial No. 9,319. 8 Claims. (Cl. 37—14.)



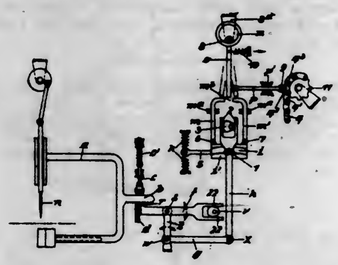
1. A scraping attachment for a scraper of the type having a bowl which includes a bottom plate, and a back plate, comprising a toothed plate mounted in connection with and projecting forwardly from said bottom plate, and braces extending from said toothed plate ahead of the bottom plate to the back plate at an angle to the other plates.

1,573,138. SEWING MACHINE. WILHELM BRASE, Berlin, Germany. Filed Oct. 12, 1923. Serial No. 668,250. 15 Claims. (Cl. 112—98.)



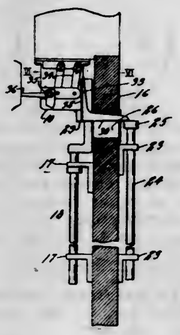
1. In a sewing-machine, the combination of a needle mechanism capable of moving across the sewing direction, a fabric feeding mechanism reciprocating to and fro in sewing direction, and a jacquard device indirectly controlling said needle mechanism and fabric feeding mechanism, as and for the purpose specified.

1,573,139. SEWING MACHINE. WILHELM BRAAS, Berlin, Germany. Original application filed Oct. 12, 1923, Serial No. 668,250. Divided and this application filed Apr. 21, 1925. Serial No. 24,767. 5 Claims. (Cl. 112—98.)



1. In a sewing-machine, a needle guide carrying frame formed with a rack, a stationary knife edge on which said rack is displaceably supported, a constantly swinging dog capable of alternately engaging and disengaging said rack, and means for displacing said frame, including a constantly swinging lever operatively connected to said dog and an adjustable track in which said lever is positively guided and a jacquard mechanism controlling the adjustment of said track, so as to vary the movement of said lever and dog and consequently the stitches.

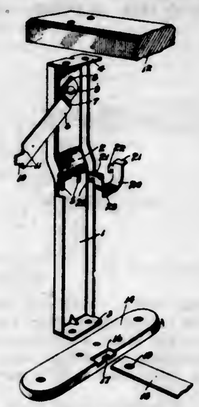
1,573,140. LANDING DOORLOCK. JOHN A. BAUBAKER, Toledo, Ohio, assignor to The Haughton Elevator & Machine Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 18, 1924. Serial No. 744,338. 12 Claims. (Cl. 187—31.)



5. A door, a jamb for the door providing a catch, a reciprocable latch member carried by the door for engaging the catch for holding the door in closed position as to the jamb, a manually shiftable member carried by the door away from said latch member, a normally ineffective connection between said members including a member rockably mounted on said manually shiftable member, and an abutment providing device rendering said connection effective.

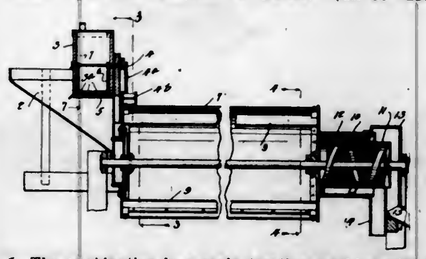
1,573,141. PAPER-ROLL HOLDER AND CUTTER. ELVAH O. BULMAN, Grand Rapids, Mich. Filed Apr. 27, 1923. Serial No. 634,985. 5 Claims. (Cl. 211—32.)

1. In a device of the class described a pair of spaced, vertical legs consisting of channel bars and provided in the channels between the walls thereof with spaced slots, socket members arranged in the said channels and each formed of a single piece of metal bent into substantially semicircular form and provided at opposite



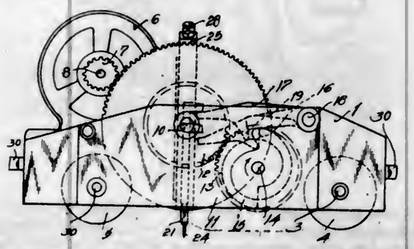
sides with lugs secured in the said slots and a rod disposed between the legs and seated in the socket members.

1,573,142. MACHINE FOR TREATING SEED GRAIN. CLAUDE C. CALKINS, Spokane, Wash. Filed June 28, 1923. Serial No. 648,330. 2 Claims. (Cl. 83—28.)



1. The combination in a grain treating machine with a rotary drum and a main hopper, of a powder hopper disposed within the main hopper and having means for adjusting the area of an opening in the bottom of said powder hopper, an agitator in the powder hopper, and means carried by the drum for operating the agitator.

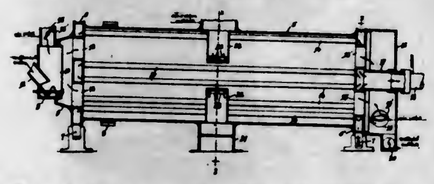
1,573,143. PORTABLE PUNCHING MACHINE. DANIEL J. CHICKERING, Spokane, Wash., assignor of fifty-one per cent to Eggers Pole & Supply Company, Parkwater, Wash. Filed Apr. 2, 1925. Serial No. 20,146. 5 Claims. (Cl. 144—2.)



1. The combination in a portable punching machine with a carriage, of a punch frame supported in the carriage and a series of reciprocable punches in said frame,

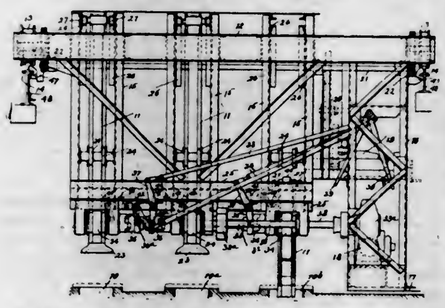
an operating shaft and a motor on the frame, power transmission mechanism between said motor and shaft for lifting said punches, and means for automatically operating said punches on their downward working stroke.

1,573,144. METHOD AND APPARATUS FOR DRYING. JULIUS CREDO, Louisville, Ky., assignor to Louisville Drying Machinery Co. Inc., Louisville, Ky., a Corporation of Kentucky. Filed May 24, 1924. Serial No. 715,503. 15 Claims. (Cl. 34—6.)



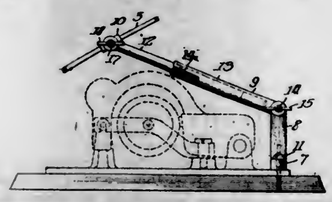
5. In a method of drying, steps which consist in causing a progression of the material to be dried, subjecting the material to regulate currents of air flowing in opposite directions and heating the material and air currents.

1,573,145. COKE-RELEASING DEVICE FOR VERTICAL RETORTS. PAUL H. DOUGLAS and IVOR D. THOMAS, Cleveland Heights, Ohio, assignors to The Wellman-Seaver-Morgan Company, Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 10, 1923. Serial No. 679,585. 13 Claims. (Cl. 214—18.)



1. The combination with a vertical retort, of a coke loosener comprising a vertically movable member adapted to be extended into the top of the retort, and power means for lowering and forcing the member downward to disengage the coke from the side walls of the retort.

1,573,146. SHIELD. GERTRUDE DEEPSE, Neenah, Wis., assignor of one-half to Milan G. Hoyman, Neenah, Wis. Filed Feb. 9, 1924. Serial No. 691,859. 4 Claims. (Cl. 82—34.)



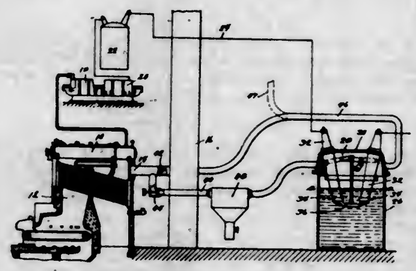
1. In a protecting shield, a guard plate of substantially transparent material, and means for supporting said plate comprising upright posts, telescoping arms mounted on said posts and angularly adjustable relative thereto, and members on the outer extremities of said arms for engaging opposite edges of said plate.

1,573,147. CAP FOR BOTTLES AND THE LIKE. JOHN W. DEBWITZ, Chicago, Ill. Filed Dec. 3, 1923. Serial No. 678,167. 6 Claims. (Cl. 215—46.)



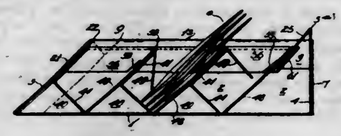
1. A device of the character described, comprising a cap member provided with a skirt having flexible portions adapted to form gripping relation with the neck of the bottle, and a controlling member rotatable on the skirt of the cap member, the controlling member and the flexible portions of the skirt being provided with coacting surfaces whereby said flexible portions are forced into bottle-neck gripping position when said controlling member is rotated in one direction and said portions forced out of gripping position when the controlling member is rotated in the opposite direction.

1,573,148. ELECTRICAL GENERATING AND DISTRIBUTION SYSTEM AND APPARATUS THEREFOR. WILLIAM S. EDSALL, Boston, Mass., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed Nov. 28, 1924. Serial No. 752,731. 18 Claims. (Cl. 200—150.)



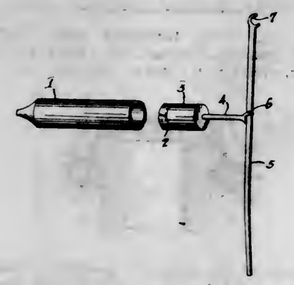
12. The combination of a casing, an electrical apparatus contained in said casing, a fuel-burning furnace, and means to conduct the products of combustion from said furnace into said casing.

1,573,149. DISPLAY BOX. ALBERT W. ENGEL, Chicago, Ill. Filed Oct. 9, 1922. Serial No. 593,273. 12 Claims. (Cl. 229—28.)



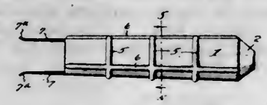
1. A display box of folded pasteboard or the like having a rearwardly and upwardly sloping front wall and a horizontal bottom with partitions forming pockets having inclined back walls, each extending downwardly to the bottom of the box and substantially parallel to said sloping front thereof.

1,573,150. GREASE GUN. HARRY FAY, Millersburg, Ky. Filed June 25, 1925. Serial No. 39,410. 1 Claim. (Cl. 221—47.3.)



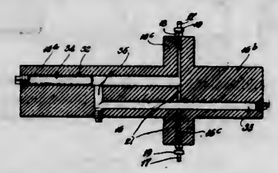
An open ended grease container having one end formed for insertion into a receptacle to be filled and the other end to receive a piston to expel the grease in the gun, the piston being readily removable from and insertable in the grease container, a rod connected to the piston, and a long handled lever pivoted to the rod and having a claw on its end to form with some fixed support a fulcrum for the lever.

1,573,151. SOCKET FOR EXPANSION-BOLT SHIELDS. ALVIN S. FISHEL, Cleveland, Ohio. Filed Mar. 17, 1924. Serial No. 699,738. 17 Claims. (Cl. 72—105.)



1. A socket for the purpose set forth comprising a hollow body having one or more prongs projecting from one end thereof, the opposite end thereof having a head of smaller diameter than said body.

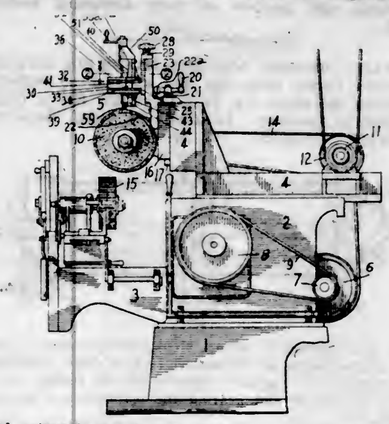
1,573,152. TIME SWITCH FOR ALARM SYSTEMS. PATRICK A. FRIEL, Richmond Hill, N. Y. Filed Mar. 20, 1924. Serial No. 700,535. 4 Claims. (Cl. 200—33.)



1. In switch mechanism, the combination of a movable fluid-containing member, electrical contact means borne by said fluid-containing member and spaced from each other along a passage way therein, another passage way spaced from the first mentioned passage way, a plurality of spaced passage ways intersecting the first and the second mentioned passage ways, whereof one extends beyond the first mentioned passage way, and the other in substantially opposite direction beyond the second mentioned passage way.

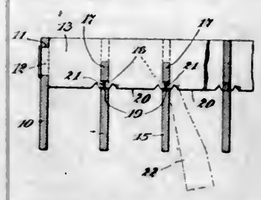
1,573,153. GEAR GRINDER. ORLANDO GARRISON, Dayton, Ohio. Filed Sept. 4, 1923. Serial No. 660,804. 21 Claims. (Cl. 125—11.)

20. A grinder wheel dresser including in combination with a ram having a grinder wheel mounted thereon, a member supported on the ram and adapted to be rotated at right angles to the plane of rotation of the grinder wheel, a member mounted and adjustable angularly on



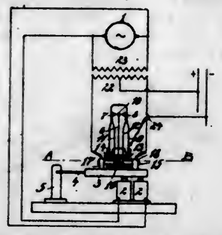
said rotatable member, and a dresser tool operable in said angular member into engagement with the grinder wheel.

1,573,154. GRATING. IRVING L. GELDER, Brooklyn, N. Y. Filed Oct. 24, 1925. Serial No. 64,516. 3 Claims. (Cl. 189—82.)



1. In an interlocking grating, a supporting member provided with a slot and an aperture, a cross member also provided with a slot and joined at its slotted portion with the slotted portion of said supporting member, the edges of the slots of said cross member engaging the aperture in said supporting member.

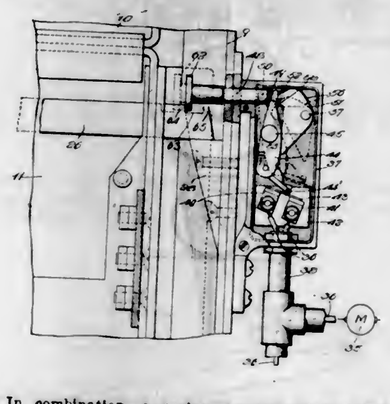
1,573,155. RECTIFIER WITH A CHANGE-OVER SWITCH. HANS GERDIEN, Berlin-Grunewald, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a German Corporation. Filed Apr. 4, 1922. Serial No. 549,630. 5 Claims. (Cl. 175—365.)



1. A rectifier for alternating current comprising an electromagnet structure adapted to be energized by the alternating current to be rectified, a base carrying said electromagnet structure, a permanently polarized magnet armature for said structure yieldingly supported on said

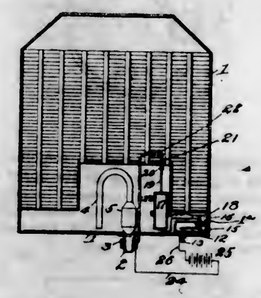
base and adapted to oscillate at a periodicity determined by the frequency of said alternating current, a pair of rectifier contact elements rigidly fixed to said armature and a flexible contact element attached to said armature and disposed between said rigid contacts to alternately cooperate with them when the armature oscillates.

1,573,156. INTERLOCK FOR ELEVATOR DOORS AND THE LIKE. WAINWRIGHT B. GERVAIS and JOHN C. WILMOT, Chicago, Ill., assignors to Variety Fire Door Company, Chicago, Ill., a Corporation of Illinois. Filed June 7, 1924. Serial No. 718,448. 6 Claims. (Cl. 187—31.)



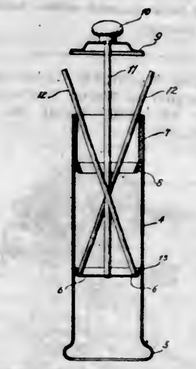
5. In combination, a casing, an arm pivoted within said casing, a pair of contacts within said casing, a bridging contact for said pair of contacts connected to one end of said arm, means adjacent each end of said arm for normally urging said bridging contact away from said pair of contacts, and manually operative means mechanically connected to one end of said arm for positively moving said bridging contact into or out of engagement with said pair of contacts.

1,573,157. SELF-EMPTYING MOTOR-VEHICLE RADIATOR. VICTOR P. GIDDINGS, Jr., Beaumont, Tex. Filed Oct. 1, 1925. Serial No. 59,840. 6 Claims. (Cl. 137—34.3.)



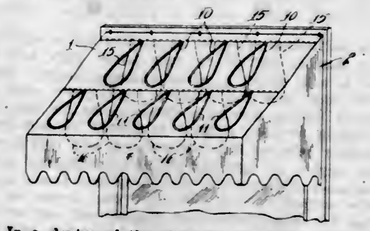
4. In an apparatus of the class described the combination of a radiator provided with a valve controlled discharge, electrical means for operating said valve of said discharge, means for heating said discharge, and a thermostatic controlled means for operating said electrical means and said heating means of the discharge.

1,573,158. STRAW DISPENSER. RAYMOND B. GILCHRIST, Newark, N. J., assignor to The Gilchrist Company, Newark, N. J., a Corporation of New Jersey. Filed Feb. 2, 1920. Serial No. 355,844. 8 Claims. (Cl. 211—8.)



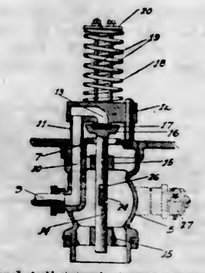
1. In a dispenser, the combination of a container comprising a lower metallic section and an upper transparent section, a cover, a handle, and means operable by the handle for lifting the upper section.

1,573,159. VENTILATED SUNSHADE. LOUIS N. GROSS, Cleveland Heights, Ohio. Filed May 7, 1923. Serial No. 637,153. 10 Claims. (Cl. 156—15.)



1. In a device of the class described, the combination of a fabric shade having a series of separated openings therein, and a series of fabric flaps securely affixed to the shade above the respective openings and depending behind them, said flaps being independently movable and being spaced apart sufficiently to permit the passage of air between adjacent flaps.

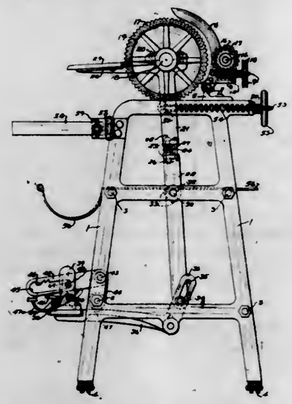
1,573,160. SEAT-CONTROLLED TOILET FLUSH AND INTAKE VALVE. CHARLES H. GUNN, Oakland, Calif. Filed June 16, 1924. Serial No. 720,211. 5 Claims. (Cl. 4—21.)



1. A combined toilet-tank intake and flush valve comprising a casing, an orificed wall across the upper end thereof, said upper end being adapted for direct connec-

tion to a tank whereby the orifice will open into the latter, a discharge outlet at the lower end of the casing, intake passage means extending inside the casing from one side thereof below the tank to a point above the end wall and facing the orifice therein, and a closure member interposed between said orifice and the adjacent end of the intake passage.

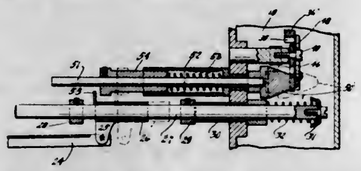
1,573,161. IRONING MACHINE. AXEL R. GUSTAFSON, Chicago, Ill., assignor to Walter J. Conlon, Oak Park, Ill. Filed Jan. 17, 1919. Serial No. 271,634. 10 Claims. (Cl. 68—9.)



5. In an ironing machine, in combination, a stationary ironing member carried by said frame, rock bars fulcrumed to said frame, a movable ironing member carried by said rock bars for yielding engagement with said stationary ironing member, driving means for said movable ironing member, rockers fulcrumed to said frame, connections between said rockers and said rock bars, a treadle carried by said rockers, a longitudinally slotted and serrated link pivotally carried by said frame, spaced castings carried by said treadle, a dog carried by said castings for engagement with the slotted and serrated portions of said link, a foot pedal fulcrumed in said castings for operative engagement with said link, a spring yieldingly retaining said foot pedal inoperative, and a foot rest carried by said castings.

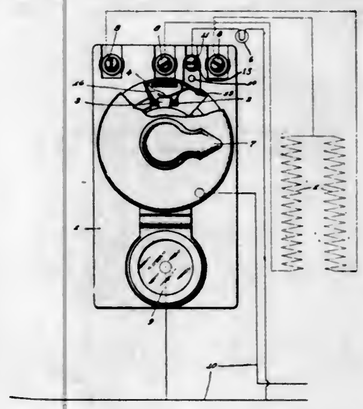
9. In an ironing machine, the combination of a frame, an ironing shoe thereon, a pair of levers pivoted intermediate their lengths at opposite ends of said frame, a presser roll journaled between the corresponding ends of said levers, a rock shaft having crank arms to directly engage the other ends of the respective levers, means for rotating said rock shaft, and means for rotating said presser roll.

1,573,162. LAUNDRY-COUNTING DEVICE. ANGUS F. HANNEY, Chicago, Ill., assignor to Gammell-Hanney Manufacturing Co., Chicago, Ill. Filed May 5, 1924. Serial No. 711,056. 6 Claims. (Cl. 235—98.)



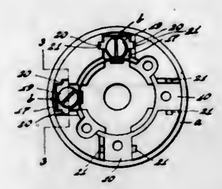
1. In combination with a wheel and a register controlled thereby, of a plunger and means adapted to actuate said wheel in one direction; a second plunger and means adapted to cause the operation of said wheel reversely; a guide; means operative by articles moving on said guide for actuating the first plunger; and means operative by articles moving reversely on said guide for actuating said second plunger, substantially as described.

1,573,163. ELECTRIC SWITCH. GEORGE HEGEMAN HART, West Hartford, Conn. Filed Mar. 8, 1923. Serial No. 623,630. 2 Claims. (Cl. 200—6.)



1. In an electrical switch, a contact member having a pair of opposed contact faces, a switch blade arranged to be engaged between said faces, and a contact disposed between the side edges of said faces and insulated therefrom and arranged to contact with said blade when the latter is engaged by said pair of faces.

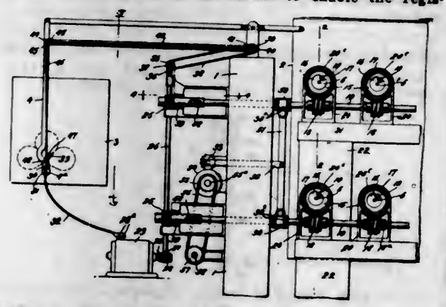
1,573,164. ELECTRIC SWITCH. GEORGE HEGEMAN HART, West Hartford, Conn. Filed Jan. 17, 1925. Serial No. 3,198. 2 Claims. (Cl. 200—166.)



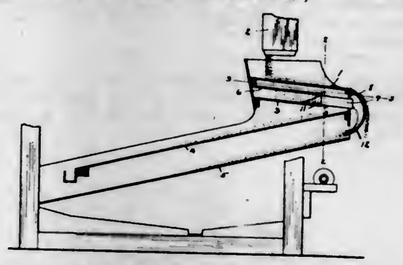
1. In an electric switch and in combination, a base provided with a groove having at its upper end and at each side a recess, a terminal mounted in said groove and having on opposite sides laterally extending projections fitting in said recesses, and means securing the lower end of said terminal to said base.

1,573,165. EMBROIDERY MACHINE. JACOB HOHL, Weehawken, and ERNEST G. KELLER, New Durham, N. J. Filed Nov. 10, 1923. Serial No. 674,050. 15 Claims. (Cl. 112—83.)

1. In an embroidery machine having stitching mechanism including horizontally-reciprocated needles, guiding elements for ornamental material to be sewed by the needles to the fabric, power-actuated means for moving the said guiding elements in arcuate paths about the needles in the plane of the fabric to enable the registration of such guiding elements with the design, and means for manually controlling the extent and direction of said power-actuated movement.

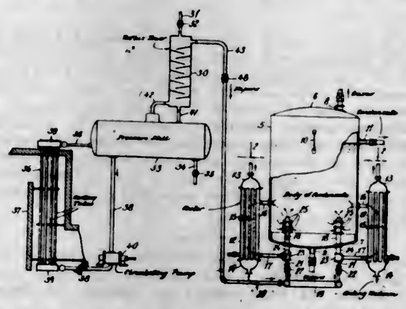


1,573,166. GRAIN SEPARATOR. THOMAS C. HUTCHINSON, Duluth, Minn. Filed July 17, 1925. Serial No. 44,204. 2 Claims. (Cl. 209—315.)



2. The combination with a separator of the type described including a scalping sieve and successively therebeneath a blank, a wheat sieve, and a fine seed sieve, of an auxiliary sieve intermediate of the scalping sieve and the blank for performing an initial separation of the wheat from the oats.

1,573,167. CONDENSATION OF HYDROCARBON VAPORS. EDWARD W. ISOM, Winnetka, Ill., and JOHN E. BELL, Brooklyn, N. Y., assignors to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed Aug. 13, 1923. Serial No. 657,177. 7 Claims. (Cl. 196—93.)



2. The improvement in the condensation of hydrocarbon vapors from pressure stills which comprises circulating a stream of condensate of the vapors through a cooler from and to a relatively large body of the condensate and cooling the circulating condensate and injecting the vapors from the pressure still into this stream between the cooler and the large body of condensate.

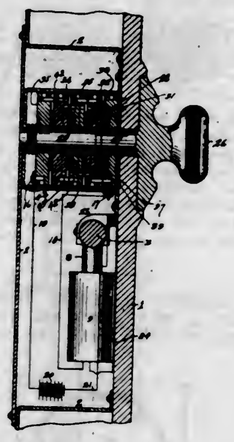
1,573,168. METHOD OF STRIPING DUCO AND THE LIKE. SAMUEL E. KAYLER, Alliance, Ohio. Filed Sept. 26, 1925. Serial No. 58,751. 3 Claims. (Cl. 41—26.)

1. The method of striping "duco" and the like which consists in applying a stripe of one color of "duco" upon a body coat of another color of "duco" by means of a ruling pen.

1,573,169. PROCESS OF PURIFYING GAS-HOUSE LIQUOR. EDWARD W. KEITH, Denver, Colo., assignor to General Metals Recovery Company, a Corporation of Colorado. Filed Sept. 30, 1924. Serial No. 740,881. 2 Claims. (Cl. 23—135.)

1. The process of purifying gas house liquor for hydrometallurgical use by charging this solvent menstruum with zinc oxide in amount sufficient to react on the ammonium sulphide contained, freeing the combined ammonia with the formation of zinc sulphide, separating the purified gas house liquor from the zinc sulphide so formed and recovering the liquid in its resulting condition substantially as described.

1,573,170. COMBINATION LOCK. CLAUDE C. KNOTTINGHAM, WILLIAM S. KNOTTINGHAM, and JOHN FOSTER OTIS, Roxboro, Wash. Filed Nov. 26, 1923. Serial No. 676,941. 5 Claims. (Cl. 200—43.)

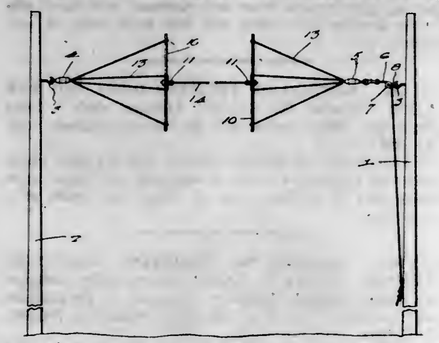


1. In a circuit making device a rotatable disk having spaced contact points located transversely of the disk and an annular peripheral groove exposing said points, and an electrical connector spanning the space between said points and located in said groove.

1,573,171. RADIOANTENNA. FRANK ROBERT KRONFOTH, Amsterdam, N. Y. Filed Feb. 12, 1925. Serial No. 8,767. 1 Claim. (Cl. 250—33.)

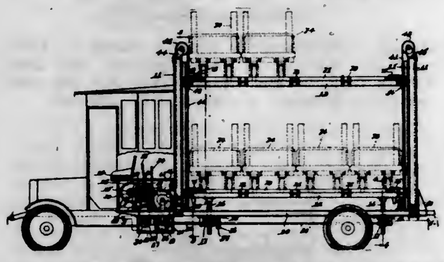
In an antenna structure, a pair of discs, each disc provided with a central opening and a plurality of aper-

tures adjacent its periphery, eye bolts in the central openings, a wire having its ends attached to the eye



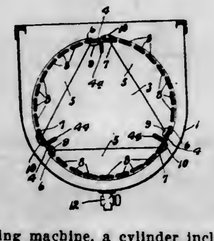
bolts, a pair of insulators, guy wires passing through the apertures of the discs and engaged with the insulators.

1,573,172. ADJUSTABLE PLURAL-DECK TRUCK. WILLIAM J. LAFFEY, Chicago, Ill. Filed July 22, 1925. Serial No. 45,179. 7 Claims. (Cl. 214—38.)



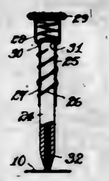
1. A motor truck comprising superposed decks adapted to carry freight-house trucks, means for adjusting the upper deck level with the freight-house platform to receive freight-house trucks on said deck, said means being arranged for elevating said deck with said trucks thereon sufficiently to receive freight-house trucks on the succeeding deck, and lever operated means for selectively moving either of said decks by the power of the truck motor.

1,573,173. WASHING MACHINE. HERMAN W. LANDWEBR, Holland, Mich. Filed Aug. 10, 1925. Serial No. 49,190. 6 Claims. (Cl. 68—18.)



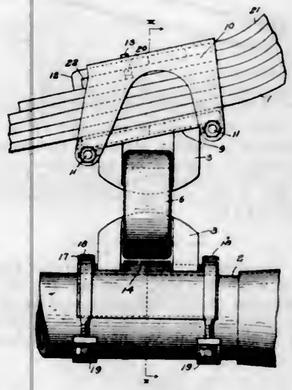
1. In a washing machine, a cylinder including an open frame having two spaced apart end members of triangular shape, bars connecting the end members at the apices of the triangles, and cylinder segments each comprising two ends each having a straight edge and an edge curved in the arc of a circle and bars connecting the ends, said cylinder segments being located with said straight edges of their ends against the edges of the end members of the frame, and means for detachably connecting said cylinder segments to said frame, substantially as described.

1,573,174. RECORD-FORMING DEVICE. WILLIAM W. LASKER, Jr., Brooklyn, N. Y. Filed Mar. 4, 1924. Serial No. 696,821. 2 Claims. (Cl. 91—67.4.)



1. In data compiling means employing an insulated surface member and an electric circuit with terminals and a work member controlled by the circuit, means for applying electric conducting material to said surface in spots or portions, comprising a carrier, a holder for conducting material mounted on the carrier, and means connecting the carrier and holder whereby on the carrier being advanced to engage the holder with the said surface and the carrier thereupon being further advanced, the holder will rotate in the carrier and turn on said surface to effect a deposit or coating of the conducting material on the surface.

1,573,175. SHOCK ABSORBER. SENECA G. LEWIS, Greensburg, and GEORGE W. DAUM, Jeannette, Pa. Filed Apr. 11, 1924. Serial No. 705,774. 2 Claims. (Cl. 267—30.)

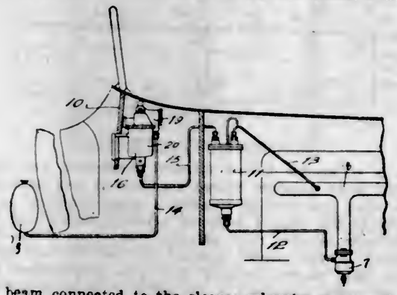


1. A shock absorber for a vehicle including a block of elastic material, such block consisting of a basal plate and an arch springing therefrom, the basal plate being encased in metal and the metal case being provided externally and at opposite ends with bolt channels, a saddle-like member adapted to be applied to a vehicle spring with its ends protruding on either side beyond the body of the spring, and bolts adapted to extend between and to engage the ends of the saddle-like member, and when the parts are assembled to extend within the channels of said case.

1,573,176. REGISTERING METER. WILLIAM A. LIEBING and EDWIN H. LOUGHRIDGE, Cleveland, Ohio. Filed Feb. 24, 1922. Serial No. 538,924. 10 Claims. (Cl. 73—28.)

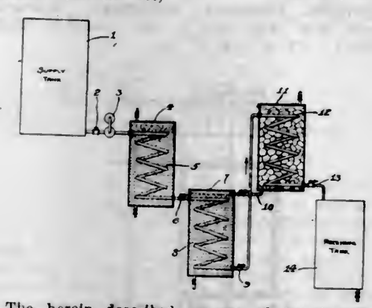
1. In a liquid meter, the combination with a pair of measuring compartments, each having aligned inlet and outlet ports therefor, a valve stem extending between

the ports in each compartment, valves mounted on the stems and so positioned that one inlet valve is open when the corresponding outlet valve is closed, a sleeve slidable on each of said stems, a float loosely embracing the sleeves, said floats being adapted to shift the sleeves relatively to the stems, for actuating said stems, a walk-



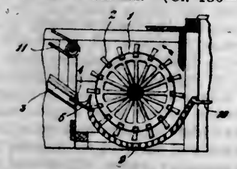
ing beam connected to the sleeves whereby movement of one stem in one direction effects movement of the other in the opposite direction, and a member disposed intermediate the stems and operatively connected therewith for holding the valve stems in relative position, so that an inlet valve in one compartment and the outlet valve in the other compartment are always open.

1,573,177. PROCESS FOR THE STERILIZATION AND CLARIFICATION OF LIQUIDS. WILLIAM MCCOMB, New York, N. Y., and WILBERT A. HEYMAN, Habana, Cuba. Filed Apr. 6, 1922. Serial No. 550,012. 3 Claims. (Cl. 99—15.)



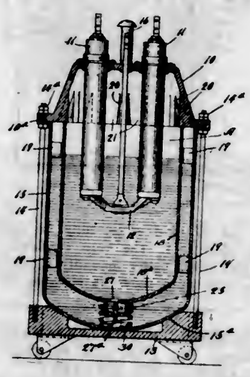
3. The herein described process of treating liquids, which consists in forcing the liquid through a zone heated to at least 145° F., and under a pressure of at least 200 pounds to the square inch, and then admitting the liquid into a zone heated to a temperature of not over 70° F., and simultaneously reducing the pressure thereon to a pressure not exceeding 25 pounds, and then finally introducing said liquid into a zone having a temperature not exceeding 36° F., and reducing the pressure upon said liquid to not more than atmospheric pressure.

1,573,178. THRASHING MACHINE. WILLIAM C. MCCULLOUGH, Fernwood, Ohio. Filed Jan. 21, 1924. Serial No. 687,492. 3 Claims. (Cl. 130—27.)



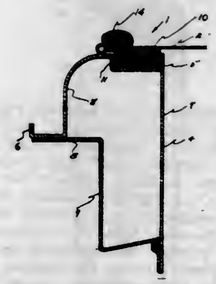
1. A thrashing machine including a rotary spiked cylinder, a plate at one side of the cylinder, having a single row of teeth substantially tangential to the periphery of the cylinder, and arranged to cooperate with the spikes upon the cylinder, and a curved toothless grate adjacent to the toothed plate and extending substantially half way around the cylinder.

1,573,179. ELECTRIC SWITCH. JOSEPH N. MAHONEY, Brooklyn, N. Y., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed July 28, 1921. Serial No. 488,150. 32 Claims. (Cl. 200—150.)



32. An electric switch including separable switch-members and two fluid-containing receptacles, one of which surrounds said switch-members and is movable with respect to the other receptacle and is constructed to move and displace fluid in said other receptacle upon circuit interruption.

1,573,180. VEHICLE-TOP CONSTRUCTION. WILLIAM MARSHALL, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Aug. 25, 1924. Serial No. 734,128. 8 Claims. (Cl. 296—137.)

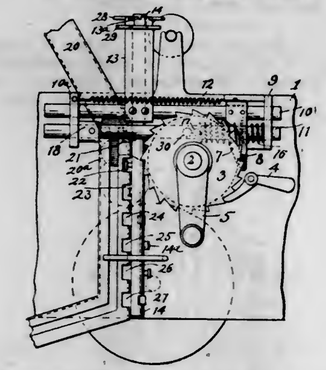


1. In a vehicle top, the combination with a channel-shaped frame member, of a deck above the frame member, and a rail bridging the channel of the frame member and supporting the deck, said rail having a channel-shaped frame member, of a deck above the frame member, receiving and conveying away the water draining from said deck.

1,573,181. COIN-CONTROL MECHANISM. GEORGE H. MATCHETT, Cleveland, Ohio. Filed Sept. 26, 1919. Serial No. 326,640. 5 Claims. (Cl. 194—69.)

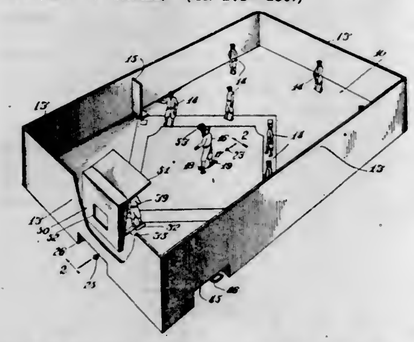
1. In a device of the character described, the combination with an actuating member, a locking member therefor, a movable member adapted to be operatively connected with said locking member by the interposition of

a coin, a coin trackway, a portion of said trackway being provided with a plurality of openings, a member provided with a plurality of stops, said member mounted



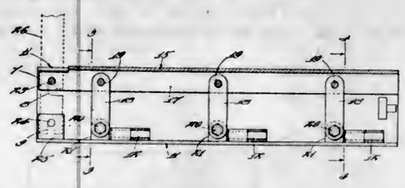
so that any one of said stops may be presented to a corresponding opening in the coin trackway, said member carrying the stops being movably mounted and movable when the aforesaid movable member is moved.

1,573,182. BASEBALL GAME APPARATUS. ALBERT MATHA, Chicago, Ill. Filed Jan. 26, 1924. Serial No. 688,636. 9 Claims. (Cl. 273—189.)



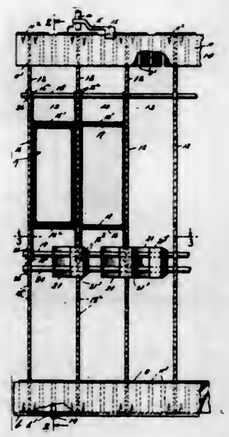
1. A game apparatus of the character described, comprising a playing board provided with the outline of a base-ball diamond, with openings through said board adjacent to the "pitcher's box" and "home-plate," a bracket secured on the board adjacent the opening at the "pitcher's box," a "pitcher" manikin fulcrumed at one foot on said bracket to tilt rearwardly, the "pitcher" manikin being provided with a ball-holding pocket, the base of the "pitcher" manikin being provided with an extension disposed through the adjacent opening in the playing-board, tension-applying means secured to said extension and to the bottom of the playing board, adapted to return the "pitcher" manikin to normal upright position, adjustable means whereby the degree of return movement and the normal position by the "pitcher" manikin may be determined, means, operable from the edge of the playing-board, whereby the "pitcher" manikin may be actuated, a "batter" manikin provided on the bottom with an extension disposed through the opening adjacent to "home-plate" and rotatably mounted beneath the playing-board, a link secured to said extension beneath the board, tension-applying means secured to said link for returning the "batter" manikin to normal position, and means, operable from an edge of the playing-board whereby the "batter" manikin may be rotated against the action of the tension-applying means.

1,573,183. COLLAPSIBLE MANDREL. CASPER MEHLUM, Waltham, Mass. Filed July 29, 1925. Serial No. 46,919. 3 Claims. (Cl. 242—72.)



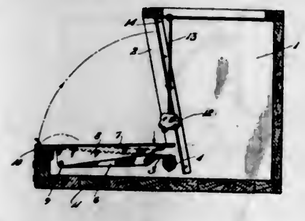
1. A collapsible hollow mandrel comprising two segmental body members hinged together at two adjacent side edges and forming together a semi-cylindrical body somewhat less than a complete hollow cylinder with an open space between their adjacent free edges, a movable segment shaped member adapted to close the said open space, said closure member having a longitudinal rib on its inner periphery, a plurality of links extending transversely across the interior of the mandrel and pivotally connected at one end with said rib member and at the other end with one of said body members, said links being normally at right angles to the axis of the mandrel to maintain the closure member in operative position, said rib and closure member being movable both longitudinally and radially inward, thereby turning the links into an inclined position relative to the axis and moving the closure member out of closure position.

1,573,184. FABRIC FRAME FOR EMBROIDERING MACHINES. CHRISTIAN MUENTENER, Weehawken Heights, N. J. Filed May 4, 1925. Serial No. 27,634. 3 Claims. (Cl. 112—90.)



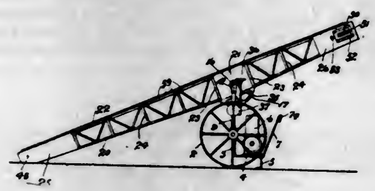
1. In an embroidering machine of the character described, a device consisting of a single frame adapted to extend vertically the entire length of the machine and divided longitudinally by cross members into a plurality of stalls or compartments, a set of parallel rods extending longitudinally of the machine and borne in said cross members, sets of individual tambour frames adapted to snugly fit in said stalls, each set comprising an outer rectangular frame formed with longitudinal end extensions adapted at their opposite ends to removably engage said parallel rods, and an inner rectangular frame capable of frictionally engaging a piece of material between itself and said outer frame, and a locking member for locking said outer frame of each set in operative position.

1,573,185. ANIMAL TRAP. JACOB NEY, Canton, Ohio. Filed May 11, 1925. Serial No. 29,469. 3 Claims. (Cl. 43—61.)



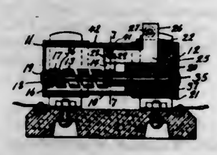
1. A trap including a cage open at one side, a platform pivotally attached at the open side of the cage, means for normally urging the platform toward the open side of the cage, a pivoted portion of the platform and a releasable catch arranged to engage the outer end of said pivoted portion of the platform to hold the platform in open position.

1,573,186. PORTABLE CONVEYER. OSCAR P. NYSTROM and MARTIN DE LIN, Holland, Mich., assignors to Holland Furnace Company, Holland, Mich., a Corporation of Michigan. Filed June 30, 1924. Serial No. 723,375. 9 Claims. (Cl. 198—233.)



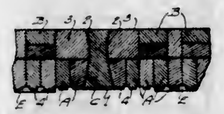
1. In combination with an axle, wheel at the ends of the axle, two spaced apart bars mounted on and extending upwardly from the axle, an elongated beam pivotally mounted between its ends at the upper ends of said bars, an endless conveyer on said beam, a gear segment fixed to said beam, a pinion mounted on one of said bars and meshing with said gear segment, and means for manually rotating said pinion and for holding it nonrotative whereby pivotal adjustment of the beam on the arms is accomplished.

1,573,187. THERMAL ELECTRIC-CIRCUIT CONTROLLER. GEORGE W. O'KEEFFE, Dorchester, Mass., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed Apr. 28, 1922. Serial No. 557,055. 11 Claims. (Cl. 200—122.)



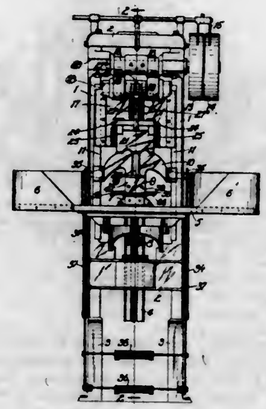
1. A thermal electric circuit controller including the combination of an enclosing casing, metal end caps disposed on the ends of the casing, a movable thermally expansible element contained within the casing and an insulated fixed contact member disposed within the casing in operative relation with said thermally expansible element and extended laterally beyond the casing and through and insulated from one of said end caps and having connecting means for a circuit lead carried by its extended end.

1,573,188. BOILER WALL. GEORGE M. PARKER, St. Louis, Mo. Filed June 30, 1924. Serial No. 723,214. 2 Claims. (Cl. 110—86.)



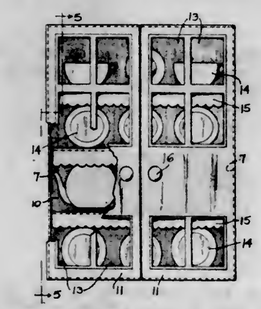
1. A furnace wall, comprising a back portion constructed as a unit, a front portion constructed as an independent unit, key tile arranged at separated points in the front portion of the wall and provided at their front ends with integral portions which tend to prevent said front portion from moving forwardly away from said back portion, said key tile corresponding in length to the combined thickness of said front and rear portions, elements in the back portion of the wall with which the rear end portions of said key tile are interlocked, and openings in the back portion of the wall arranged adjacent said locking elements and disposed so as to permit said key tile to be disengaged from said locking elements without disturbing said locking elements during the operation of reconstructing the front portion of the wall.

1,573,189. METHOD OF AND MACHINE FOR RANDING HEEL BLANKS. DENNIS PARKS, St. Louis, Mo. Filed Aug. 23, 1923. Serial No. 658,853. 26 Claims. (Cl. 12—50.)



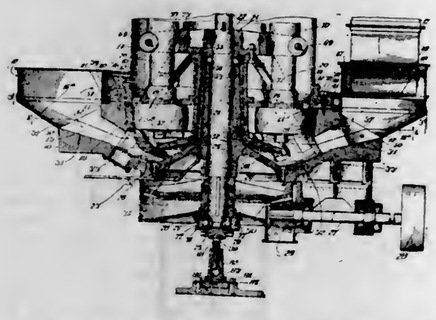
1. In a power-driven machine for randing heel blanks, the combination of a holder for receiving the heel blanks, a presser foot movable to engage and hold a pasted rand placed on a heel blank in said holder, a shaping device movable into engagement with said rand to force it to conform to the curvature of the heel blank, and means operating automatically thereafter to cause the machine to force the presser foot downward against the rand, thereby pressing the same upon the heel blank and forcing the randed heel blank downward in the holder.

1,573,190. TOY DISH PLAYING SET. CHARLES S. RAIZEN, Brooklyn, N. Y. Filed Mar. 5, 1925. Serial No. 13,022. 4 Claims. (Cl. 46—37.)



1. A toy dish set comprising a box having shelves therein, dish retaining units between said shelves and a cover for the container having openings therein to represent the windows of a dish closet or cupboard, and affording display of the contents of said container, said retainers, doors hingedly associated with said box having openings therein to serve as windows, the outer surface of said doors being decorated to give the appearance of a cupboard, a cover for said box having handles therein and means whereby said cover when removed can be arranged to serve as a table.

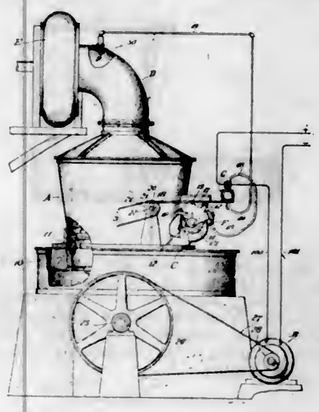
1,573,191. PULVERIZING MILL. FRED I. RAYMOND, Evanston, Ill., and WILLIAM B. SENSEMAN, Los Angeles, Calif., assignors to The Raymond Brothers Impact Pulverizer Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 18, 1925. Serial No. 16,543. 55 Claims. (Cl. 83—45.)



1. A pulverizing mill comprising a bull ring, rollers operating against the same, air ports below the bull ring and plows having rotary movement over the bottom of the mill to deliver material between the rollers and bull ring, the bottom of the mill between said air ports and plows having a downwardly inclined surface toward the plows and extending under said plows.

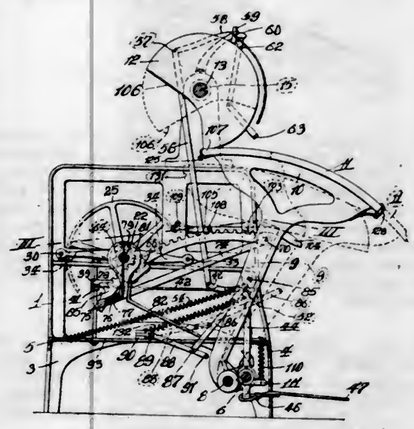
1,573,192. FEED-CONTROLLING MECHANISM. FRED I. RAYMOND, River Forest, Ill., assignor to The Raymond Brothers Impact Pulverizer Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 24, 1925. Serial No. 25,562. 50 Claims. (Cl. 83—44.)

1. In combination with a mill, an electric motor to drive the same, means for feeding material to the mill, a feed regulator comprising an electric device responsive to changes in intensity of the motor current, and a



pneumatically actuated mechanism governed by said electrical device for controlling the feeding means.

1,573,193. IRONING MACHINE. CHARLES RIESENWEBER, St. Louis, Mo., assignor, by mesne assignments, to Universal Ironing Machine Company, a Corporation of Missouri. Filed May 31, 1921. Serial No. 473,674. 10 Claims. (Cl. 68—9.)



1. In an ironing machine, the combination of a throw arm bearing an ironing board, means for swinging said arm, a braking beam provided with resilient means, and drawing means comprising a pair of pivoted together links each being respectively connected to said beam and said arm.

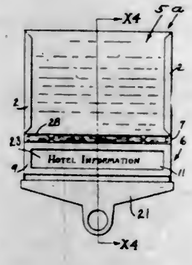
1,573,194. DOOR. BRADLEY ROE, Chicago, Ill., assignor to Roe Door and Window Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 25, 1924. Serial No. 708,851. 19 Claims. (Cl. 20—36.)

1. A door comprising, in combination, a main frame bounding a panel portion, and three barriers in said panel portion, one barrier interrupting air but not light, a second barrier foraminated but of a mesh to exclude insects, and a third barrier having apertures larger but too small for passage of a human hand, said third barrier being fastened permanently in place, said second



barrier being removable, and said first barrier being in two sections, each pivoted to the same side of the main frame to open and close, the upper section overlapping the lower section where they abut to permit it to be opened with the lower section closed.

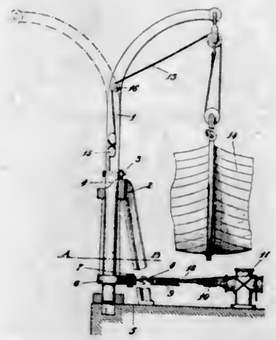
1,573,195. HOTEL CODE AND INFORMATION CHART HOLDER. JOHN FRANKLIN RUSSELL, Santa Monica, Calif. Filed June 15, 1925. Serial No. 37,032. 9 Claims. (Cl. 40—85.)



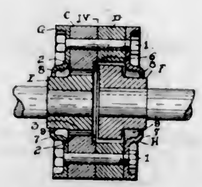
1. A hotel code and information holder comprising a housing, a strip in said housing on which information is printed, means to mount said strip in said housing, and a tray extending upwardly from said housing and adapted to receive a card on which the code is printed.

1,573,196. APPARATUS FOR LOWERING LIFE-BOATS. ANE PIETER SCHAT, Wassenaar, Netherlands. Filed June 16, 1920. Serial No. 389,446. 7 Claims. (Cl. 9—22.)

1. In a device of the character described, the combination with a davit having upper and lower portions disposed at an angle to each other and adapted to rotate outboard by gravity on the longitudinal axis of the lower portion to swing a lifeboat to outboard position, of a flexible member for controlling the rotation of the davit, said davit having means connected with its lower portion adapted to be engaged by the flexible connection at a point outside the periphery of said lower portion and below the level of the top side of the boat when the same is at rest on deck.



1,573,197. FLEXIBLE COUPLING. ROBERT W. SCHUETTE, Munhall Borough, Pa. Filed Apr. 7, 1924. Serial No. 704,659. 5 Claims. (Cl. 64—91.)

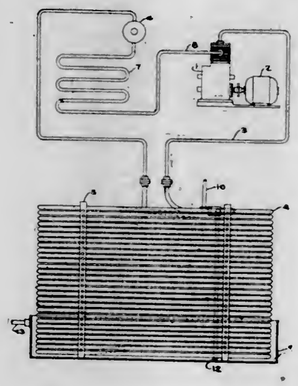


1. In a flexible coupling, the combination with a pair of shaft ends which are to be flexibly connected together and each provided on two opposite sides with a pair of alined flat bearing surfaces with a recessed portion separating the same, the bearing surfaces on opposite sides being parallel, and a coupler member provided with openings in its opposite sides, said openings being provided on two parallel sides with flat bearing surfaces, the bearing surfaces of one opening being disposed at right angles to the bearing surfaces of the other opening, one of the shaft ends being inserted into each of said openings and the bearing surfaces of the coupler member mating in flat sliding surface contact with the bearing surfaces of the shaft ends.

1,573,198. REFRIGERATING SYSTEM. LEWIS L. SCOTT, St. Louis, Mo. Filed June 8, 1922. Serial No. 566,802. 1 Claim. (Cl. 257—2.)

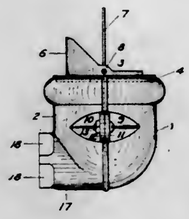
In a refrigerating system, a condenser for condensing the refrigerant having coils arranged one above the other, a box-like pan arranged aronnd the lower coils of the condenser, a valve located above said pan through which water is supplied to the pan for cooling coils located in the pan, a valve member having a stem slidably mounted in said valve for controlling its operation.

a thermostatic bar rigidly secured at one end to a coil of said condenser and having a movable end secured to the end of said stem, whereby, according to the tempera-



ture around the condenser, said stem will be moved by the thermostatic bar to control the flow of water through said valve to said box-like pan.

1,573,199. WATER CONDUCTOR. TIMOTHY J. STEBBINS, Davenport, Iowa, assignor to Red Jacket Manufacturing Company, Davenport, Iowa, a Corporation of Iowa. Filed Mar. 18, 1925. Serial No. 16,537. 3 Claims. (Cl. 285—204.)



3. In a water conductor a body comprising two parts one of which has a hollow boss projecting from the lower portion thereof, the same being adapted to receive a conducting pipe, the two parts of the conductor having meeting faces which contact in a substantially axial plane transverse to the direction of the boss, and means for securing the parts together, said parts having indentations on their lateral sides adjacent the meeting faces and webs extending laterally in these indentations, parallel to and adjacent the meeting plane, said webs being perforated for the passage of the aforesaid securing means.

1,573,200. PROCESS OF BLEACHING AND DYEING FURS AND THE LIKE. HYMAN STEIN, Arverne, WILLIAM E. AUSTIN, New York, and IRVING LIEBOWITZ, Brooklyn, N. Y., assignors to Stein Fur Dyeing Co., Inc., New York, N. Y., a Corporation of New York. Filed May 3, 1924. Serial No. 710,829. 24 Claims. (Cl. 8—2.)

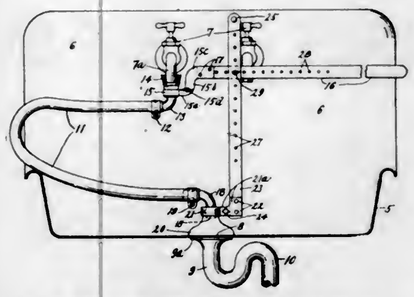
24. The method of dyeing animal fibres, particularly fur skins and the like, which comprises bleaching such fibres with a solution of hydrogen peroxide in the presence of a fibre-protecting agent comprising ferrous sulphate, and thereafter dyeing the bleached product.

1,573,201. METHOD OF PRODUCING BAGS OR THE LIKE. JULIUS STEINER, West New York, N. J., assignor of one-half to R. Dalla Rovere, a Partnership of Woodcliff, N. J., composed of Richard Dalla Rovere and Alfred Pietrobelli. Filed Nov. 7, 1925. Serial No. 67,617. 1 Claim. (Cl. 150—1.)



A method of producing a plurality of bags or the like at a time, consisting first in embroidering a series of designs at predetermined intervals and of predetermined patterns on a single layer of fabric, the embroideries in each series being parallel and spaced apart to permit subsequent separation from each other, then applying a second layer of fabric to the back of the first layer, then producing embroideries at predetermined intervals and of predetermined patterns on the composite fabric around the first embroideries by passing the stitches through both of the layers, these second embroideries being made to encircle said first embroideries and serving as marginal borders, then dividing the composite piece of fabric through the intervals between adjacent second embroideries and trimming around the latter and finally slitting the first layer of fabric between each two parallel borders to form openings.

1,573,202. SEWER TRAP AND PIPE CLEANING DEVICE. ALBERT O. STENWICK, Red Wing, Minn. Filed May 9, 1925. Serial No. 29,091. 3 Claims. (Cl. 4—256.)

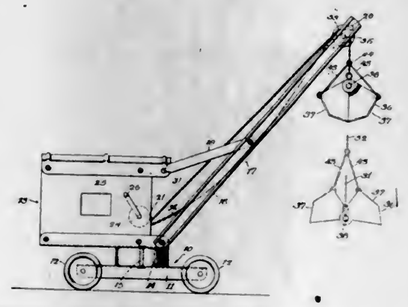


1. A pipe cleaning device of the class described comprising a tubular element, a funnel shaped intake member at one end of said tubular element, a bell shaped member of soft material at the discharge end of said tubular element, all said members having a continuous uninterrupted passage, said funnel shaped member adapted to be pressed into frictional contact with the discharge means of a source of liquid under pressure and said bell shaped member adapted to be pressed into communicative position with the exposed end of a pipe to be cleared of obstruction, and means for holding said funnel shaped member and the bell shaped member in operative positions simultaneously.

1,573,203. GRAB-BUCKET-CRANE TOY. LOUIS STROHACKER, Freeport, Ill., assignor to Structo Manufacturing Company, Freeport, Ill., a Corporation of Illinois. Filed Apr. 25, 1924. Serial No. 709,046. 4 Claims. (Cl. 212—42.)

1. A toy comprising, in combination, a bucket having two relatively movable parts, whereby the bucket may

be opened and closed, a bucket hoisting chain therefor, and a bucket opening chain therefor, a bucket hoisting drum, a hand crank therefor, a bucket opening drum, a lost motion clutch connection between said drums, and a friction element continuously engaging said bucket opening drum and acting to continuously apply a brak-



ing action thereto, said chains being secured to their respective drums at such places thereon, when clutched together, that the bucket opening chain is fully unwound from its drum while the bucket hoisting chain is partly wound thereon, whereby the bucket may be opened, lowered from its raised position, closed and raised, by turning the hand crank continuously in one direction.

1,573,204. LIQUID-TREATING APPARATUS. INOS B. TANNER, Chicago, Ill., assignor to Joseph E. Nelson & Sons, Chicago, Ill., a Firm composed of John E. Nelson and William H. Nelson. Filed Aug. 4, 1924. Serial No. 730,053. 1 Claim. (Cl. 210—16.)

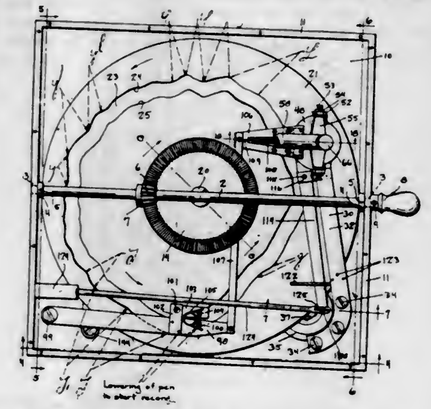


Liquid treating apparatus including a chamber; piping for conveying liquid to be treated to said chamber; a source of chemical discharging into said chamber; a horizontally elongated settling chamber, alongside of the treatment chamber, there being a passage establishing communication between the bottom portions of said chambers; and an outlet trough at an upper part of the settling chamber and surrounding the liquid body in this chamber.

1,573,205. WRITING MACHINE. FREDERICK L. TAYLOR and CARL E. LUNDBERG, Spokane, Wash. Filed Feb. 6, 1922. Serial No. 534,626. 31 Claims. (Cl. 33—18.)

19. In a reproducing machine including a paper supporting table, a marking member superposing said table, and a record carrying member having cam actuating shoulders formed by grooving said record carrying member, said shoulders conforming to the writing to be formed, cam following means projecting into said grooves, means co-acting with the other shoulder formed by said grooving and adapted to hold said cam following means in contact with said cam actuating shoulders.

21. A reproducing machine comprising paper holding means, a pen, and mechanism adapted to actuate said pen to reproduce a signature including a cam having a



cam groove provided with primary and secondary undulated walls, a portion of said mechanism having nonyielding and yielding members engaging said walls respectively to operate said mechanism.

1,573,206. PRESSED-METAL HOOK AND METHOD OF MAKING THE SAME. HENRY G. THOMPSON, Cleveland, Ohio. Filed May 31, 1922. Serial No. 565,004. 12 Claims. (Cl. 113—116.)



1. The method of forming a hook-like article which comprises blanking out of sheet metal a blank having a central portion and an extending arm, the central portion of the blank being wider than the arm, forming said blank by moving the edges of the arm portion toward each other to assume a U-shape, and simultaneously moving the marginal parts of the central portion to form flanges for the central portion which are continuous with the sides of the arm, and subsequently rolling over the edges of the U-shaped arm into substantial contact thereby forming a hollow tubular arm and a flanged central portion.

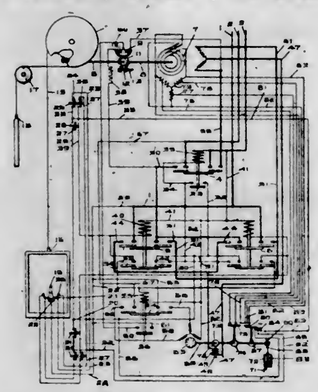
6. As an article of manufacture, a device of the character described made of sheet metal, comprising a base portion having inturned side flanges and an integral tubular arm extending from said base portion, the flanges on the base portion merging into the tubular arm, said arm being curved away from the plane of the base.

1,573,207. ELEVATOR MOTOR CONTROLLER. ERNEST B. THURSTON, Toledo, Ohio, assignor to The Haughton Elevator & Machine Co., Toledo, Ohio, a Corporation of Ohio. Filed Aug. 23, 1919. Serial No. 319,373. 22 Claims. (Cl. 172—152.)

2. An elevator, a step set brake therefor, main and auxiliary limit switches independently operable by the elevator in effecting independent settings of the brake, and a controller for releasing the brake between said settings.

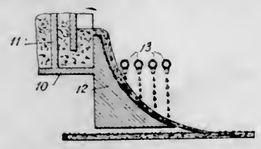
9. An elevator, an alternating electric current motor, a controller for the motor having main and direction

switches, said controller having at a single position connections effecting closing of the main and a direction switch, near each end of elevator travel main and auxiliary limit switches successively operable by the elevator in its



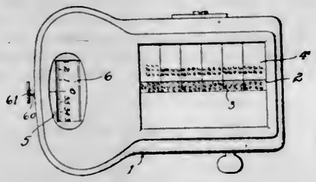
travel, and connections for the auxiliary limit switch to open the main controller switch and for independent operation of the main limit switch to open the main controller switch and a direction switch.

1,573,208. METHOD AND APPARATUS FOR MAKING COLOR-BLENDED WALL PAPER. JOHN J. WARREN, Brownville, N. Y. Filed May 8, 1923. Serial No. 637,423. 7 Claims. (Cl. 92—4.)



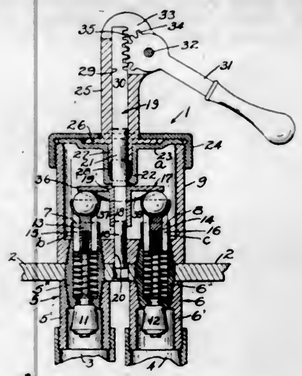
1. The method of making a blended wall paper which comprises flowing a pulp blending stock onto the web, the blending stock flowing over an inclined apron as it approaches the web, and applying a color solution to the blending stock as it flows over the apron.

1,573,209. GOVERNOR FOR MEASURING AND COST-COMPUTING MACHINES. JOHN L. WHEELER, St. Louis, Mo., assignor to The Measuregraph Company, St. Louis, Mo., a Corporation of Delaware. Filed July 7, 1921. Serial No. 482,981. 2 Claims. (Cl. 235—144.)



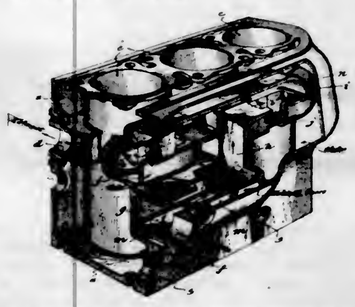
1. In a machine of the character described, having indicating mechanism, means for returning the indicating mechanism to zero, a governor brake connected with the indicating mechanism and having weights affected by centrifugal force, means for stopping the indicating mechanism at zero, and means for effecting a disconnection between the governor and the indicating mechanism to avoid the shock of stopping the governor.

1,573,210. VARIABLE FLUID-CONTROLLING DEVICE. AUSTIN C. WHIDDEN, Los Angeles, Calif. Filed Aug. 2, 1924. Serial No. 729,731. 7 Claims. (Cl. 277—18.)



1. A fluid controlling device comprising passages; valves for said passages respectively each having valve stems; means to operate said valves comprising a disc adapted to engage said stems and approximately one-half of which is provided with a continuous cam surface having a high spot approximately in the middle of said surface, and the other half of which is flat; and means to move said disc in one direction to open one of said valves, and in another direction to open another of said valves; and in a third direction to cause simultaneous operation of said valves.

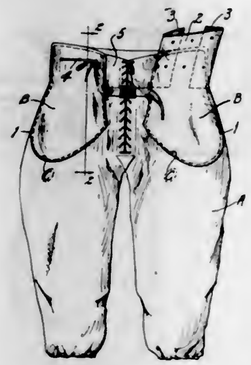
1,573,211. MANIFOLD CONSTRUCTION. D'ORSAY McCALL WHITE, Detroit, Mich. Filed May 18, 1923. Serial No. 639,802. 8 Claims. (Cl. 123—52.)



1. In a motor block, a unit casting providing a motor block having a plurality of cylinders, and an integral manifold comprising a lower gallery, an upper gallery and a plurality of intermediate galleries, the lower gallery connecting at its ends with the intermediate points of the upper gallery and the intermediate gallery connecting at intermediate points of such intermediate gallery with the upper gallery.

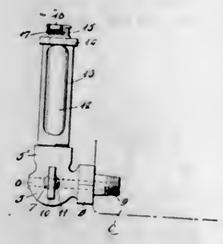
1,573,212. FOOTBALL TROUSERS. WILLIAM P. WHITLEY, St. Louis, Mo., and ROBERT C. ZUPPKE, Champaign, Ill., assignors to Rawlings Manufacturing Company, St. Louis, Mo., a Corporation of Missouri. Filed Feb. 19, 1925. Serial No. 10,301. 3 Claims. (Cl. 2—23.)

3. A pair of football trousers provided with outside pad pockets arranged on the front side of the trousers in the zone of the wearer's abdomen and each formed from a pocket piece of fabric secured to the trousers by stitching and provided at its upper end with an extension and flaps that virtually form a tubular casing which is adapted to be folded inwardly and downwardly over the



upper edge or waist band portion of the trousers, pads in said pockets, and lacings passed through said folded portions, through the waist band portion and through the pads for securing the pads in operative position in the pockets.

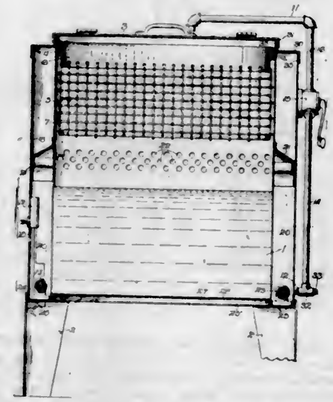
1,573,213. COMBINED CRANK-CASE DRAIN VALVE AND OIL GAUGE. GEORGE S. WOLF, West Dover, Ohio. Filed Nov. 17, 1924. Serial No. 750,338. 1 Claim. (Cl. 73—54.)



In combination, a crank-case having a threaded opening in one side wall, a valve casing having a transverse bore, three radial passage-ways extending from the bore through said valve casing, a rotatable valve body arranged in the bore and having passage-ways alineable at times with the aforementioned passage-ways, a threaded nipple carried by the valve casing and threaded into the opening in said crank-case, a cup-like internally threaded socket integrally formed at one side of the casing and having one of said passageways opening centrally thereinto, a sight tube having one end set into the socket, a tubular frame about said sight tube and having one end threaded into the socket, and a hinged spring actuated closure fixed to the frame at the end remote from said socket.

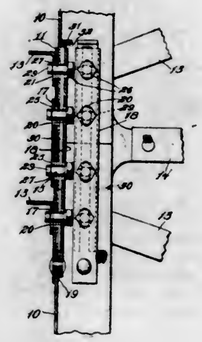
1,573,214. METHOD OF AND MEANS FOR LUBRICATING WASTE. ANDREW D. WYCKOFF, Oak Park, Ill. Filed Feb. 26, 1923. Serial No. 621,143. 18 Claims. (Cl. 91—46.)

1. In a waste-soaking tank, a combination of a receptacle forming an oil storage compartment in the bottom thereof, a basket adapted for the reception of waste, means for maintaining the viscosity of the oil constant during saturation of the waste and thereafter serving to condition the saturated waste to a substantial dryness, and means for supporting said basket over said oil storage compartment during saturation and conditioning, thereby permitting the saturation and conditioning of the waste to be substantially continuous in action.



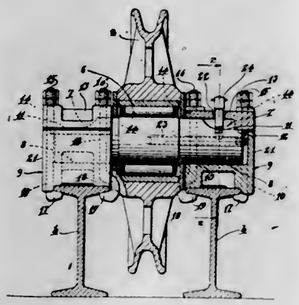
13. In a device for saturating waste with a suitable lubricant, a tank having a body of lubricant therein, a carrier for waste to be saturated, means for circulating the lubricant over the waste in said carrier, means for providing a heating chamber to heat said body of lubricant, temperature control means for said heating chamber, said tank having openings therein, said openings being disposed above the level of said body of lubricant, and baffle means for diverting the heated air in said chamber through said openings and into said tank.

1,573,215. DERRICK. PATRICK YORKE, Washington, Pa. Filed Sept. 5, 1925. Serial No. 54,821. 8 Claims. (Cl. 189—9.)



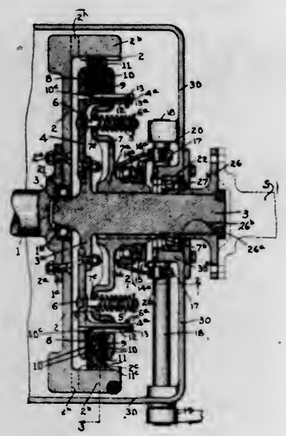
7. A metallic derrick comprising separable overlapping sections, double headed securing elements extended through the overlapped portions of the sections for connecting the sections and wedges for tensioning said securing elements.

1,573,216. PULLEY SUPPORT FOR CROWN BLOCKS. LEWIS E. ZERBE, Moneta, Calif., assignor to Union Tool Company, Torrance, Calif., a Corporation of California. Filed May 19, 1925. Serial No. 31,347. 3 Claims. (Cl. 308—59.)



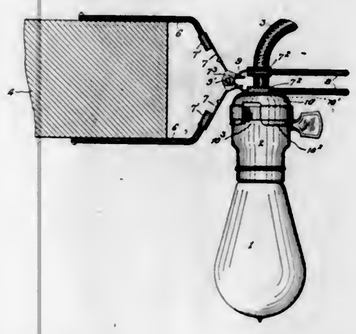
1. A pulley support for a crown block, comprising a shaft having recesses in the upper side at its opposite ends, bearings having concave seats for the shaft to rest in and having bolt holes, caps provided with internal shoulders engaging in the recesses, said caps having bolt holes registering with the first mentioned bolt holes, and bolts extending through the bolt holes and having shoulders to engage beneath the flanges of I-beams on which the bearings rest.

1,573,217. FRICTION CLUTCH. JOSEPH R. ZETWO, Jr., Pittsburgh, Pa. Filed Mar. 21, 1925. Serial No. 17,206. 11 Claims. (Cl. 192—69.)



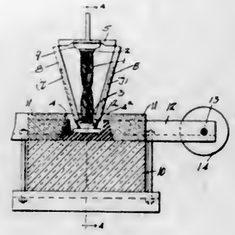
1. In a friction clutch, a spider having a series of fingers; a plurality of friction rings axially movably mounted on said spider; each said finger having a longitudinally disposed groove therein; and a stop bar in the groove of each finger adapted to engage a ring when the clutch is "out."

1,573,218. LAMP HOLDER. HERMAN BIEDER, Cleveland, Ohio. Filed Aug. 20, 1919, Serial No. 318,736. Renewed Dec. 24, 1921. Serial No. 524,744. 9 Claims. (Cl. 240—53.)



1. A lamp holder comprising a body member formed of two sections centrally hinged together, each of said sections having sockets formed at its opposite ends, means carried by one of said sections for seating the lamp, clamping means fitted in the sockets formed at one end of the body portion, and finger pieces fitted in the sockets formed at the opposite end of said body portion.

1,573,219. MANUFACTURE OF RAIL BONDS. CHARLES A. CADWELL, Cleveland, Ohio, assignor to The Electric Railway Improvement Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 18, 1922. Serial No. 530,133. 9 Claims. (Cl. 22—204.)



1. The method of making a rail-bond of the character described, as a separate article of manufacture, which consists in inserting the end of a conductor in a recess in a suitable mold, also placing in such recess adjacent such conductor-end a piece of metal, and then heating such mold and introducing a quantity of braze in such recess, the temperature of the mold being sufficient to melt such braze whereby such conductor-end and piece of metal are firmly united together.

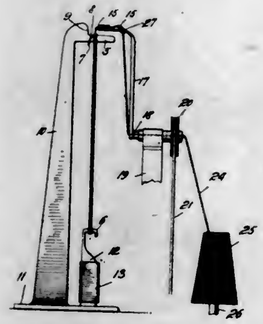
1,573,220. SKEIN HOLDER. MAX OTTO CLAUSS, New York, N. Y., assignor to The Clark Thread Company, Newark, N. J., a Corporation of New Jersey. Filed Mar. 13, 1925. Serial No. 15,208. 6 Claims. (Cl. 28—21.)

1. A skein holder for winding machines comprising a flat, elongated member consisting of a single piece for supporting the thread loops during the skein winding operation, and means for supporting the skein holder near one of its extremities to permit a tubular band to



be slipped longitudinally onto and over the threads while the skein is still on the holder at the completion of the winding operation.

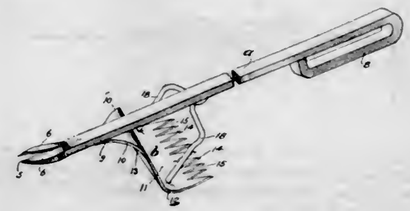
1,573,221. SKEIN HOLDER. MAX OTTO CLAUSS, New York, N. Y., assignor to The Clark Thread Company, Newark, N. J., a Corporation of New Jersey. Filed Mar. 13, 1925. Serial No. 15,209. 3 Claims. (Cl. 28—21.)



1. A skein holder for winding machines comprising two thread supporting fingers spaced apart, each finger being adapted to receive and hold the opposite ends of the loops constituting the skein, one of said fingers being provided with a shank for holding a tubular band to be slipped over the finger and onto the skein threads on the completion of the winding operation.

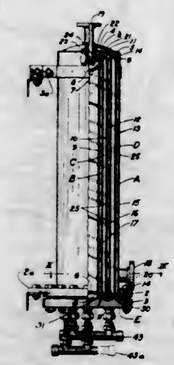
1,573,222. WEED PULLER. MANUEL T. CORLHO, Redwood City, Calif. Filed July 13, 1925. Serial No. 43,369. 3 Claims. (Cl. 55—65.)

1. A weed puller comprising a body having a longitudinal cleft end portion adapted to be inserted into the ground and engage the root of a weed to be pulled, a rigid support rigidly secured at one end to the body and extending outwardly and upwardly when the engaging end is within the ground, said support having one end secured to the body and its opposite end portion curved to provide a receding fulcrum on which the device is adapted to turn upon the surface of the ground and elevate the engaging end therefrom when the end portion of the body above the ground is turned in one direction.



2. A weed puller comprising a body having an engaging end portion provided with oppositely disposed claws having pointed ends and a longitudinally disposed intervening V-shaped cleft, the opposite end portion of said body being provided with a handle, and a support connected to one end of the body adjacent to the engaging end thereof and curving outwardly and toward the handle, and having its free end provided with a row of angular shaped teeth.

1,573,223. LIQUID HEATER. GARNET W. COBB, Pasadena, Calif. Filed Feb. 9, 1924. Serial No. 691,676. 7 Claims. (Cl. 257—243.)

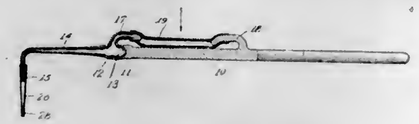


1. A liquid heater comprising an inner shell closed at the top and bottom, an exterior shell spaced therefrom and closed at the top, a bottom head member forming a closure for the lower end of the exterior shell and also forming a support for both shells, a pair of annular shells interposed between the inner and outer shells and also supported by the bottom head member, said annular shells being closed at the top and bottom, means maintaining a predetermined annular spacing between the annular shells and the outer and inner shells respectively to form annular passages therebetween, means for circulating a heating medium through the annular shells and the inner shell, and means for directing a flow of liquid through the annular passages formed between the several shells.

1,573,224. LIQUID APPLICATOR. PARK N. CONDIT, Boston, Mass. Filed Mar. 31, 1924. Serial No. 703,182. 7 Claims. (Cl. 128—230.)

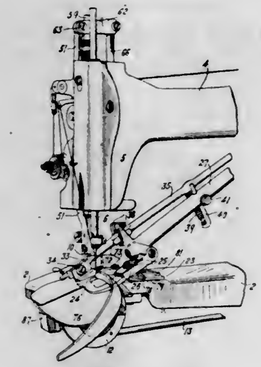
1. A liquid applicator comprising a solid rod having a chamber at one end, a contracted conical tube leading therefrom, said tube being bent at an angle near its end,

a rearwardly turned tube communicating with the mentioned chamber disposed adjacent said rod, a forwardly turned projection on said rod in register with the last



named tube, and a flexible tube connected at its ends with the last named tube and said projection respectively, said flexible tube being substantially parallel with and in contact with said rod.

1,573,225. SEWING MACHINE. HERBERT CORRALL, Helensburgh, and BERTRAM AMBROSE STEVENS, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Feb. 23, 1924. Serial No. 694,492. 10 Claims. (Cl. 112—203.)

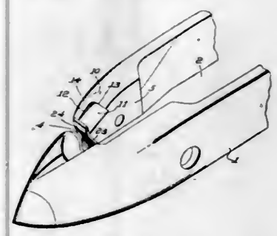


1. In a sewing machine, in combination, a needle, means for effecting reciprocating movements of said needle, a throat-plate including a portion obliquely disposed relatively to the path of the needle, said portion having an aperture penetrable by said needle, a clamping and feeding device above the throat-plate, means for imparting feeding movements to said device while the needle is above the throat-plate, and means for imparting rising and falling movements to said device in the interval between the penetration of the aperture by the needle and the completion of the downstroke of the needle.

1,573,226. PROCESS FOR THE CONCENTRATION OF OXIDIZED ORES. STUART CROASDALE, Denver, Colo. Filed Jan. 8, 1923. Serial No. 611,473. 5 Claims. (Cl. 83—85.)

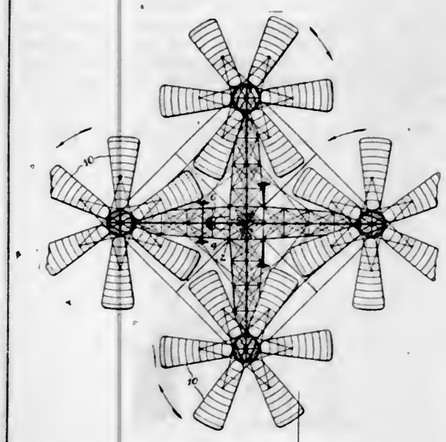
1. The process of concentrating by flotation ores containing oxidized minerals to more completely recover the same, the flotation being accomplished without forming any visible film of metallic sulfide on the surfaces of the mineral particles, comprising treating the ore-pulp in the presence of calcium penta sulfide, a frothing agent, a relatively large amount of a hydrocarbon containing a substantial percentage of unsaturated hydrocarbons of the olefine series and recovering the concentrates.

1,573,227. AUTOMATICALLY-THREADING LOOM SHUTTLE. HARRY A. DAVIS, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Sept. 9, 1925. Serial No. 55,274. 7 Claims. (Cl. 139—223.)



1. An automatically threading shuttle for looms, having a side delivery eye and provided with a recess in the wood of the shuttle leading towards the eye to form inclosing shoulders, and a threading block secured to the shuttle and having a thread directing apron provided with a rabbeted edge portion to fit within the shouldered area of the recess to cover the joint.

1,573,228. HELICOPTER. GEORGE DE BOTHEZAT, Dayton, Ohio. Filed June 27, 1923. Serial No. 648,051. 5 Claims. (Cl. 244—19.)

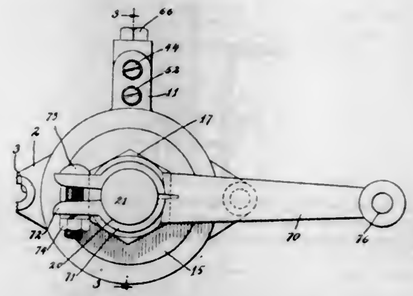


1. A helicopter comprising in combination, a body portion having four radial arms, a lifting propeller at the outer end of each arm, the axes of rotation of all said lifting propellers intersecting at a point far above the said body portion, a vertical stick control lever pivoted about a plurality of horizontal axes, and means for increasing the pitch of the blades of a lifting propeller on one side of the helicopter and decreasing the pitch of the blades of an opposite lifting propeller when said lever is pivoted about one of said axes, and a second control device for increasing or decreasing the pitch of all of said lifting propellers simultaneously.

1,573,229. SHOCK ABSORBER. MANUEL D. DOMINGUEZ, New Orleans, La. Filed Dec. 5, 1924. Serial No. 754,182. 15 Claims. (Cl. 188—89.)

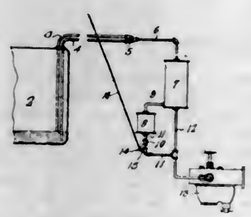
1. An appliance of the class described, comprising a cylinder, a piston therein, means for moving the piston

to and fro, a passage around the piston between the cylinder ends, an adjustable, normally-fixed valve partly obturating said passage, another passage around the



piston between the cylinder ends, and a check valve in said passage permitting flow of liquid through the passage in only one direction.

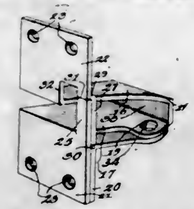
1,573,230. EMERGENCY SUPPLY FOR FUEL-COMBUSTION ENGINES. CHARLES M. DONOVAN, Wichita, Kans. Filed May 29, 1923. Serial No. 642,200. 1 Claim. (Cl. 158—46.5.)



In an emergency supply for fuel combustion engines, a fuel tank, an internal combustion engine having a carburetor thereon, a vacuum tank, a pipe line connecting said vacuum tank with said engine, an emergency supply tank positioned between the base of said vacuum tank and said engine carburetor, a pipe line connecting said emergency tank with the base of the vacuum tank and the pipe line between said vacuum tank and the carburetor, a valve positioned in the pipe line between said emergency tank and the pipe line leading from the vacuum tank to the carburetor, means for rotating said valve, two pipes extending into the fuel tank, one terminating in proximity to the bottom thereof, and the other at a substantial distance above the bottom, a valve for selectively placing either of said pipes in communication with the vacuum tank, a rod to operate the valve and a dial finger on the rod adapted to indicate the position of the valve.

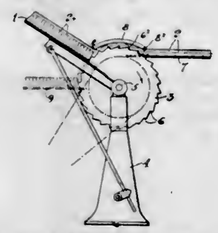
1,573,231. HINGE. MICHAEL J. ECONOMIDES, Brooklyn, N. Y. Filed June 19, 1924. Serial No. 721,010. 1 Claim. (Cl. 16—135.)

A hinge structure comprising a plate having alined end portions and angularly disposed intermediate, spaced, parallel portions, said parallel portions being connected with each other at one end by the intermediate portion of the plate and the end portions of the plate at the other end of the parallel portions being provided with extensions which overlap each other and bridge the space



between the parallel portions of the plate and a hinge arm pivotally mounted between the parallel portions of the plate.

1,573,232. TRANSPORTING DEVICE FOR BOXES OR THE LIKE. GUNNAR CHRISTIAN EKSTRÖM, Stockholm, Sweden, assignor to Aktiebolaget Gehr Arehns Mekaniska Verkstad, Stockholm, Sweden, a Corporation of Sweden. Filed July 2, 1923. Serial No. 649,149. 1 Claim. (Cl. 198—211.)



In a device for transferring boxes or the like and changing their position from a substantially upright to a horizontal position or vice versa the combination with two supports for the boxes which are located in substantially the same plane and on which the boxes are placed in rows, of a rotary, circular member, which is located between the said supports and is provided with shelves each having two plane surfaces forming a substantially right angle with one another, the position of the rotary member being so adapted with relation to the said supports, that one of the said surfaces will catch a box while the shelf passes one of the said supports, and then together with the other surface carries the box, resting freely on the surfaces in an unvariable position relatively to the same, while transferring the box from the one support to the other support, each of the plane surfaces being able to push forwards on the support the box delivered on the same, so that the said rotary member is able to operate in both motion directions.

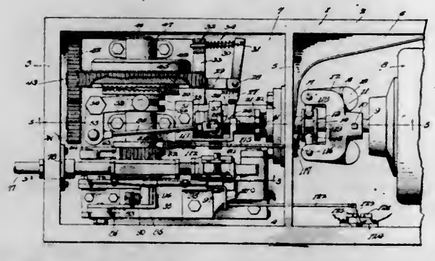
1,573,233. PROCESS FOR TREATING ZINC-SULPHATE SOLUTIONS. ROBERT B. ELDRIDGE, Denver, Colo. Filed Oct. 13, 1924. Serial No. 743,474. 8 Claims. (Cl. 23—125.)

1. The berein described process of treating impure zinc sulphate solutions, comprising the precipitntion of inorganic impurities in the solution by the action of a soluble hydrosulphite, and separnting the precipitate from the solution.

1,573,234. AUTOMATIC RAILWAY SWITCH. CHARLES S. EPPLEY, York, Pa. Filed July 25, 1923. Serial No. 653,760. 7 Claims. (Cl. 246—240.)

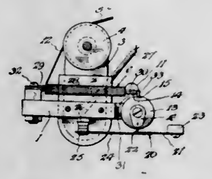
1. In switch operating mechanism of the class described, a prime mover, a shaft, operative connection between the prime mover and the shaft for rotating the latter, a second shaft, a switch rod, means actuated

through rotation of the second mentioned shaft for operating the switch rod to adjust the switch, a clutch for connecting the said shafts for rotation in unison, a shiftable member, a lever supported upon the shiftable member, means yieldingly urging the shiftable member



in one direction, operative connection between the lever and the clutch for actuating the clutch when the lever is rocked, a member engaged by the lever and constituting a fulcrum for the lever when the shiftable member is shifted, and means actuated through operation of the prime mover for shifting the said shiftable member.

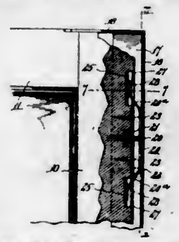
1,573,235. CIRCUIT BREAKER. CHARLES S. EPPLEY, York, Pa. Original application filed July 27, 1923, Serial No. 654,223. Divided and this application filed Mar. 10, 1924. Serial No. 698,231. 2 Claims. (Cl. 200—122.)



1. A circuit breaker comprising a base, a fixed contact thereon, a disc rotatably mounted upon the base and having a peripheral shoulder, a spring urging the disc rotatably in the direction in which the shoulder is presented, thermostatic element comprising mutually united strips, one having a relatively low coefficient of expansion and the other a relatively high coefficient of expansion, the strips being secured at one end to the base, the free end of one strip having an angularly directed abutment engaged by the shoulder upon the disc, the free end of the other strip engaging behind the abutment of the first mentioned strip, a coil surrounding the strips and in circuit with the disc, and a contact comprising a blade secured between its ends to the periphery of the disc and having a contact point at one end engaging the fixed contact, and a finger button upon the other end of the blade.

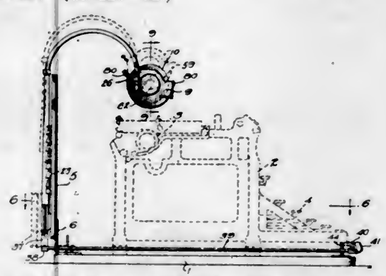
1,573,236. ATTACHMENT FOR DOORS. WILLIAM FIZZELL, Jr., Bradford, Pa. Filed Apr. 15, 1925. Serial No. 23,292. 2 Claims. (Cl. 20—35.)

1. In combination with a door of wooden construction provided with spaced apart recesses in its outer edge, of a metal strip U-shape in cross-section presenting side pieces embracing the sides of the door and a connecting portion beyond the adjoining edge thereof; together with a metal plate secured to the edge of the door and having a lug with a threaded aperture seated in one of the aforesaid recesses and slots in the end portions of the plate in alinement with the other of said recesses, a flat metal bow-spring interposed between the metal strip and edge of the door with the inturned ends of said spring extending through the slots in the plate to bear on the bottom of the cooperating recesses, and a bolt extending through the metal strip and spring and threaded in



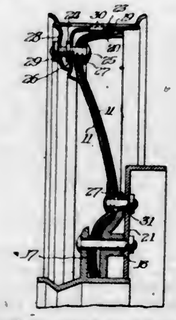
the apertured lug, whereby the metal strip is securely connected to the edge of the door and is adjustable laterally thereon to vary the width of the door structure.

1,573,237. COPYHOLDER. ELWOOD W. FORNEY, Joplin, Mo. Filed Apr. 25, 1924. Serial No. 709,058. 10 Claims. (Cl. 120—32.)



1. In a device of the character described, a supporting member adapted to be secured to the foot board of a typewriter, said supporting member comprising a vertically disposed plate, a rod mounted on the rear of said supporting member, said rod being provided with an arcuate shaped upper end extending forwardly of said supporting member, a roll carried by said rod and adapted to receive a sheet to be copied, an operating bar arranged at the front of the foot board, and connections between said bar and said roll to rotate said roll upon actuation of said operating bar.

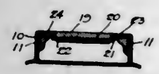
1,573,238. DISK WHEEL. GEORGE H. FORSYTH, Chicago, Ill., assignor to Motor Wheel Corporation, Lansing, Mich., a Corporation of Michigan. Filed Mar. 3, 1922. Serial No. 540,678. 12 Claims. (Cl. 301—63.)



1. In a wheel, the combination with the hub portion and the tire-carrying peripheral portion, of an intermediate disk portion comprising sheet material having

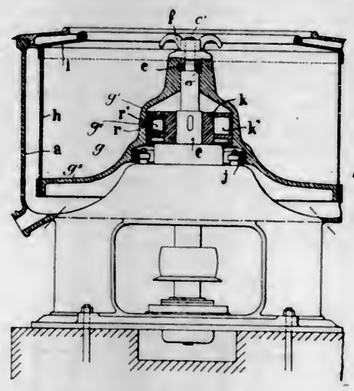
a co-efficient of elasticity substantially lower than steel, the said disk assembled with the hub and peripheral portions of the wheel and maintained under radially reacting stress.

1,573,239. BATHER'S ARTICLE. ROBERT EDWARD GILLILAND, Los Angeles, Calif. Filed Sept. 20, 1924. Serial No. 738,937. 3 Claims. (Cl. 220—39.)



1. A waterproof container comprising a receptacle having a body section and a closure section, the body section having a concentric series of shoulders, said closure section being threadedly connected with the body section, gaskets interposed between said shoulders and mating parts of the closure sections to seal the joints between both sections and render same waterproof, one of said gaskets carried by the closure section, a mirror on the under side of the closure section, and portions upstruck from said closure section and respectively coacting with the mirror and said one gasket to secure same in applied positions.

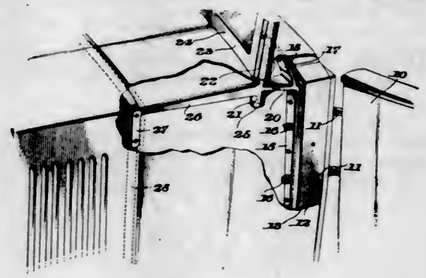
1,573,240. CENTRIFUGAL DRYING APPARATUS. GEORGES GRAUSS, Paris, France. Filed Mar. 7, 1924. Serial No. 697,643. 2 Claims. (Cl. 210—71.)



1. A centrifugal drying apparatus comprising a fixed container, a vertical power shaft arranged in the container, and a basket in the container, said basket having a bottom member forming a casing and also forming a hub above the casing, the said shaft extending upwardly through the hub and having an upwardly extending spindle, a collar arranged in said hub, around the lower portion of said spindle and bearing on the shoulder formed by said shaft around the base of said spindle and whereby said basket is suspended;—centrifugally acting clutch mechanism in said casing to connect said basket to said shaft for rotation by the latter and means on the upper end of said hub to facilitate the lifting of said basket from said shaft.

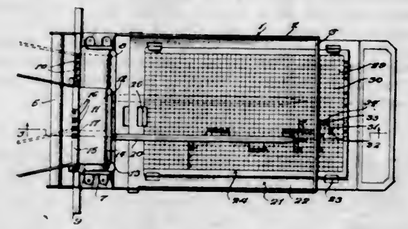
1,573,241. MOTOR VEHICLE. JACOB HAMMERL, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Feb. 24, 1919. Serial No. 278,777. 4 Claims. (Cl. 296—30.)

1. In a motor vehicle, the combination with the pillar, the cowl reinforcement supported thereby and the dash, of a bracket having an arm secured to said pillar, a second arm secured to said cowl reinforcement and a third arm extending forwardly under the cowl and ter-



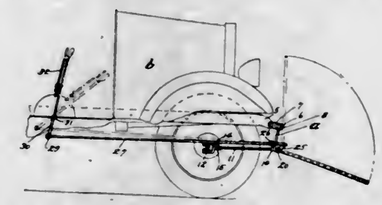
minating in a downward extension secured to the dash, said third arm having a socket receiving the wind shield support.

1,573,242. ATTACHMENT FOR HARMONICAS. WALTER A. HAND, Brooklyn, N. Y. Filed Nov. 7, 1923. Serial No. 673,309. 12 Claims. (Cl. 84—377.)



7. A harmonica attachment comprising a support for the harmonica, a mouth piece movable transversely of the support and having an opening for selective registration with the reed openings of the harmonica, a music leaf holder mounted upon the support and movable in a direction longitudinally of the support, a finger piece extending below the holder and providing means whereby the holder may be so adjusted, and an indicating pointer extending forwardly from the said mouth piece for cooperation with a music leaf supported by the leaf holder.

1,573,243. VEHICLE FENDER. JAMES B. HENRY, Burlingame, Calif. Filed May 12, 1925. Serial No. 29,799. 3 Claims. (Cl. 293—45.)



1. In a vehicle fender a rear portion comprising a frame and a series of spaced strips secured to opposite portions of the frame, a rock shaft carried by the frame, means for fixedly securing the said rear portion to the front end of a vehicle frame, a projector fixedly secured to the rock shaft and including a frame having a series of spaced transverse strips, and means adapted to be operated from the driver's seat of the vehicle and con-

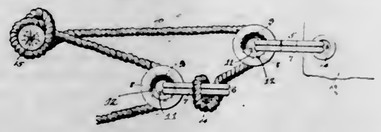
nected to the rock shaft for operating the same to turn the projector to a position downwardly and forwardly from the said rear portion and vertically upward to a position in front of the frame of the vehicle.

1,573,244. RAZOR BLADE. DENNIS E. HICKEY, Chicago, Ill. Filed Jan. 5, 1922. Serial No. 527,130. 1 Claim. (Cl. 30—12.)



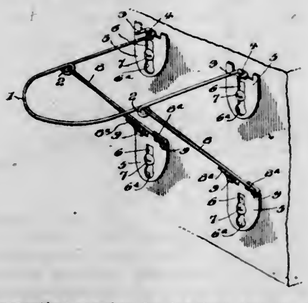
A razor blade comprising an approximately triangular body having the corners thereof formed with slots flared substantially at their outer portions for the reception of one's fingers and defining a plurality of cutting members the side walls of said slots having their inner portions parallel and their outer portions curved longitudinally and disposed at substantially right angles to the cutting edges of said cutting members, the ends of each cutting member being located beyond and a substantial distance rearwardly of the ends of the adjacent cutting members and projections placed at the centre of each blade upon both sides of the blade for holding the body of the blade in spaced relation to a support so that grasping of the blade is facilitated.

1,573,245. TACKLE. WILLIAM F. HOHORST, Monrovia, Calif. Filed Nov. 27, 1922. Serial No. 603,701. 2 Claims. (Cl. 254—194.)



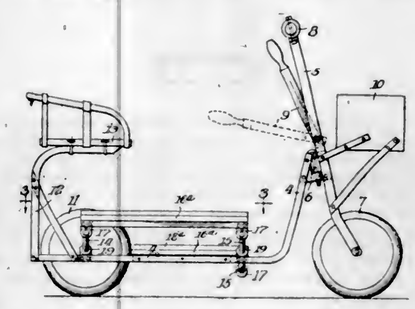
1. A tackle element comprising a sheave having a central through opening, and a sheave holder embodying two open sided link-like members hooked through said sheave with their open sides reversely disposed.

1,573,246. BRACKET. HENRY TUFFTS HOLLAND, Winfield, N. Y. Filed Nov. 17, 1923. Serial No. 675,399. 5 Claims. (Cl. 248—18.)



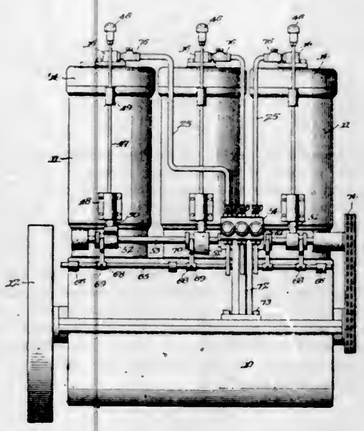
1. A supporting member for brackets and the like having an elongated recess therein adapted to receive a headed wall or other support carried stud, and wall engaging means projecting laterally from the wall engaging face of said plate in parallelism with said recess and said means decreasing in depth toward one of its ends.

1,573,247. SCOOTER. WILLIAM T. JAMES, Chicago, Ill. Filed Jan. 14, 1925. Serial No. 2,328. 4 Claims. (Cl. 208—30.)



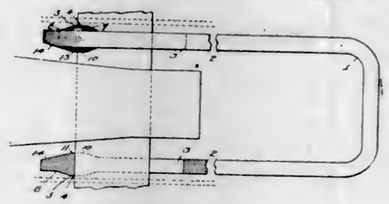
1. A two-wheel vehicle having two substantially horizontal supporting side bars with one end bent upward, and having a platform between said side bars, said side bars supported by a wheel at one end, and by a pivoted joint at the bent end, two crank shafts with journaled bearings adapted to revolve on the said side bar frame structure, the said supporting wheel located on one of said crank shafts between the said side bars, and said crank shaft connected to the other crank shaft by a connecting pedal platform having a uniform motion at both ends, and the said connecting platform adapted to impart motion to revolve the wheel on the crank shaft, when the two crank shafts are revolved together by the said platform.

1,573,248. FUEL INJECTION DEVICE. PETER JOHNSEN, New Orleans, La., assignor of one-half to Claude L. Johnson, New Orleans, La. Filed Dec. 8, 1924. Serial No. 754,641. 15 Claims. (Cl. 123—32.)



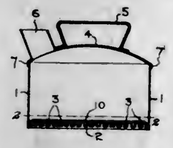
1. In combination with a cylinder of an internal combustion engine, of an inspirator communicating with the interior of said cylinder, a reciprocating plunger in said inspirator for forcing the fuel into said cylinder, a fuel pump delivering to said inspirator, a common drive means operatively associated with said fuel pump and inspirator for delivering fuel to the engine at predetermined intervals, and means for simultaneously varying the quantity of fuel to the inspirator and the stroke of the plunger.

1,573,249. YOKE. BYERS W. KADEL, Baltimore, Md., assignor, by mesne assignments, to The Symington Company, a Corporation of Maryland. Filed Apr. 26, 1923. Serial No. 634,832. 9 Claims. (Cl. 213—67.)



1. A yoke for railway draft rigging comprising spaced arms, a key slot provided in each of said arms at the forward end thereof, said key slot having a bearing portion at the front end thereof, and means for reinforcing said bearing portions between the front end of the adjacent slot and the forward end of the yoke arm by progressively increasing the metal on both sides of the center lines of said arms in cross sectional area from points relatively close to the front end of each yoke arm to points arranged within a relatively large area adjacent the bearing portion of the respective key slot.

1,573,250. KETTLE. ARTHUR PERCY KAY, Auckland, New Zealand. Filed Nov. 19, 1925. Serial No. 70,165. 2 Claims. (Cl. 53—9.)



1. A kettle, comprising, a bottom and sides in one piece, the bottom having an upwardly dished portion, the dished portion being provided with parallel corrugations having upwardly turned tapered ends and extending substantially from edge to edge of the dished portion, and a disk of slightly less diameter than the length of the longest corrugation, the disk being centrally positioned on the corrugations inside of the kettle so as to leave the upturned ends of the corrugations open.

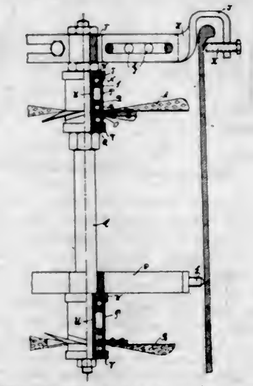
1,573,251. PROCESS OF ORNAMENTING LEATHER. WILLY KNOLL, Stuttgart, Germany. Filed Oct. 6, 1925. Serial No. 60,908. 1 Claim. (Cl. 41—26.)

A process for the production of a colored design on leather which consists in the successive steps of applying a background on leather; placing a pattern on the leather conforming to the desired design in order to cover portions of the leather; and then applying a color containing a fixing means on the background on the uncovered portions of the leather, in order to form a decorative design on the leather.

1,573,252. PROCESS FOR PRODUCING SHADING-OFF ORNAMENTATION ON LEATHER. WILLY KNOLL, Stuttgart, Germany. Filed Oct. 12, 1925. Serial No. 62,174. 4 Claims. ((Cl. 41—29.)

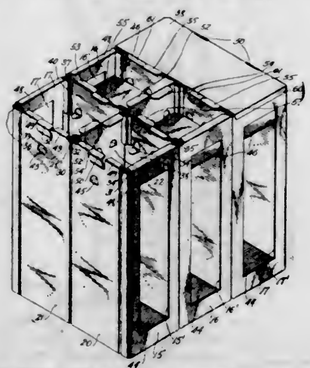
1. A process for producing a shading-off color effect on leather, which consists in the steps of covering a portion of the leather by means of a pattern; and then applying a color containing a fixing means over the edge of the pattern to produce a shading-off effect.

1,573,253. REGULATOR FOR AIR OR GAS CURRENTS. LORENZ KUJAWA and OTTO KOOK, Magdeburg, Germany. Filed Jan. 9, 1923. Serial No. 611,669. 2 Claims. (Cl. 183—77.)



1. A regulator for air and gas currents comprising a pair of elements mounted for rotation independently of each other and arranged to be placed in a flue, each of said elements having fan plates provided throughout their extent with perforations, the plates of one of said elements being reversely shaped to those of the other element so that said elements are caused to rotate in reverse directions, the lower element being of less diameter than the upper element and the diameter of the upper element being nearly equal to that of the flue.

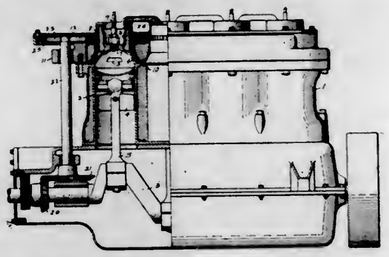
1,573,254. MULTIPLE METAL CABINET. JOSEPH LACHAINE, Lowell, Mass. Filed June 29, 1925. Serial No. 40,443. 5 Claims. (Cl. 45—2.)



1. A multiple cabinet having compartments arranged in opposed adjacent pairs, each compartment being rectangular and comprised of vertical plates so arranged that the inner plates act as walls for adjacent com-

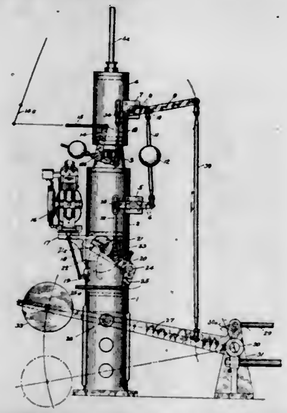
partments, opposed seamed longitudinal edges formed on each plate, the seams of one plate being slidably engageable with the seams of juxtaposed plate, and means formed with the edges of the inner plates engageable with each pair of adjacent outer plates by which they are interlocked together.

1,573,255. INTERNAL-COMBUSTION MOTOR. HOARD LEE, Shreveport, La. Filed Apr. 5, 1921. Serial No. 458,782. 2 Claims. (Cl. 123—59.)



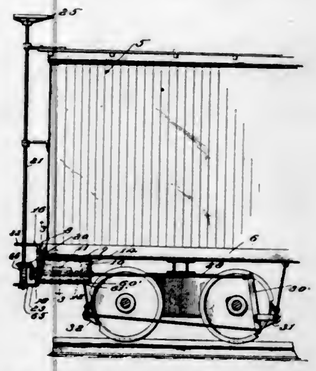
1. In an internal combustion motor, the combination with a cylinder whose outer end is convex in general contour and formed with an upstanding annular flange forming a spark plug housing, of a rotary member around said outer end of said cylinder, the upper part of said member being sleeve-like in form and fitting around said housing, and the lower part thereof being flared forming a valve which works around the convex end of the cylinder, a cylinder head fitted onto said cylinder and provided with a bearing for said sleeve, an enclosing cap bolted onto said head and inclosing and protecting the working parts, said head being provided with oppositely disposed intake and exhaust ports, and said valve having a single port adapted to register with the head ports successively, an intake and an exhaust manifold formed in the head, said head being provided with conduits, said manifolds being connected with the cylinder through said ports and conduits, and operative connections between the motor crank shaft and valve to rotate the latter.

1,573,256. HOIST-CONTROL UNIT. HENRY H. LOGAN, Chicago, Ill. Filed Jan. 17, 1924. Serial No. 686,850. 5 Claims. (Cl. 192—140.)



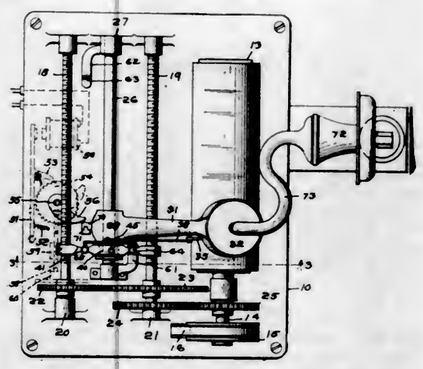
3. In a hoist control unit of the character described, a brake engine, a valve for operating the brake engine, a manually operated lever for controlling said valve, and automatic means arranged for synchronism with a hoist drum for actuating said valve to operate said brake engine independent of the actuation of said manually operated lever, said manually actuated lever being arranged to operate said valve entirely independent of said automatic means.

1,573,257. RAILWAY BRAKE MECHANISM. GEORGE N. LOOMIS, Ruth, Nev. Filed Aug. 11, 1925. Serial No. 49,571. 5 Claims. (Cl. 74—120.)



1. A railway brake equipment comprising a frame having means whereby the same may be attached to a railway car, said frame being provided with depending flanges defining guides, a block positioned between said guides, a screw connected to said block, a yoke having side members slidably connected to said block, said block being provided with openings extending out through the sides thereof for the reception of the sides of said yoke, and nuts threaded on said yoke at one side of said block.

1,573,258. COMBINED PHONOGRAPH AND TELEPHONE. JOHN C. LOWE, Minot, N. Dak. Filed Aug. 7, 1924. Serial No. 730,639. 4 Claims. (Cl. 179—6.)

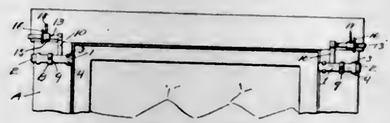


4 The combination with sound reproducing mechanism including a self-starting motor, a brake element controlling the action of the motor, a co-acting brake element to engage with the first named brake element, means to move the co-acting brake element including a ratchet wheel, a pawl to engage the ratchet wheel, electrical means to reciprocate the pawl, a telephone ringing circuit connected with the electrical means, and a telephone talking circuit associated with the sound reproducing mechanism, and means actuated by a movable part of the sound reproducing mechanism to move the co-acting brake element.

1,573,259. PROCESS FOR PRODUCING BORAX AND SODIUM BICARBONATE FROM LAKE BRINES. MORRIS V. LOWRY, Santa Maria, Calif., assignor to West End Chemical Company, Oakland, Calif., a Corporation of California. Filed Apr. 10, 1923. Serial No. 631,216. 1 Claim. (Cl. 23—39.)

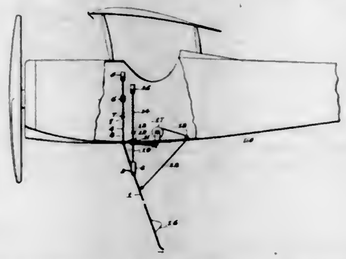
The process of producing crystal borax which consists in concentrating a brine by evaporation, in carbonating the concentrated brine, in cooling the mixture whereby crystal borax and sodium bicarbonate are precipitated, as a sludge, in mixing the sludge with colemanite and heating the same to substantially boiling temperature.

1,573,260. ADJUSTABLE WINDOW SHADE AND CURTAIN BRACKET. ANDREW LUKE, Zeigler, Ill. Filed July 7, 1924. Serial No. 724,661. 3 Claims. (Cl. 156—24.)



1. In a curtain fixture, clamping means for attachment to a window frame, an upwardly extending arm secured thereto, a horizontally extending bar secured at one end to the upper end of the arm, a shade bracket slidably supported on said arm, and a curtain pole bracket threaded into the shade bracket and adapted to engage the bar for holding the shade bracket in various adjusted positions.

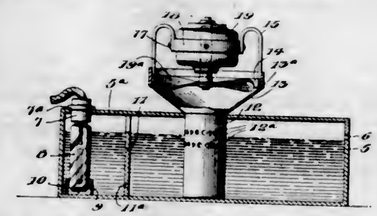
1,573,261. SOUNDING DEVICE. CORLEY P. MCDARMENT, Mayfield, Ky. Filed Sept. 28, 1922. Serial No. 590,071. 5 Claims. (Cl. 244—31.)



1. In combination with an aircraft, a sounding device carried thereby and adapted by contact with the landing surface to indicate the proximity of the aircraft to such surface, said device embodying a trailer arm mounted under the body of the aircraft and adapted to swing in a fore and aft direction and also arcuately laterally.

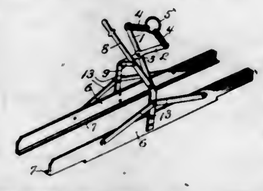
1,573,262. HUMIDIFIER. JAMES B. MCDEVITT, Chicago, Ill. Filed Nov. 23, 1923. Serial No. 676,628. 1 Claim. (Cl. 261—30.)

An air moistener for tobacco cases comprising a water container, a tubular support extending vertically through said container to the bottom thereof and having a flared open upper end located above and exteriorly of the container, arms carried by the flared upper end of said tubular support, and a motor carried by said arms and having a fan located entirely within and protected by said flared upper end and said arms, said tubular



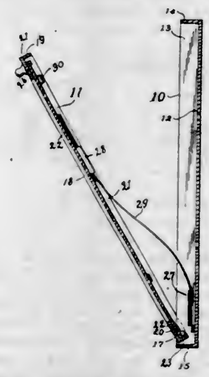
support being provided with openings within said container whereby water laden air may be drawn from said container through the openings in said tubular support and the flared open upper end of the same.

1,573,263. LIFTING TONGS. JEREMIAH MADDEN, Kansas City, Mo. Filed May 11, 1925. Serial No. 29,354. 3 Claims. (Cl. 72—121.)



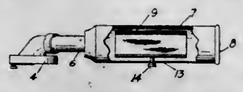
1. Lifting tongs comprising two crossed bars pivoted to each other, and two parallel clamping members fastened respectively transversely to said bars and provided each on its inner side with a longitudinal rib spaced from the lower edge of the member.

1,573,264. SELF-CLOSING CASE. HARRY A. MANKAMEYER, Kansas City, Mo. Filed Mar. 15, 1924. Serial No. 699,549. 3 Claims. (Cl. 220—35.)



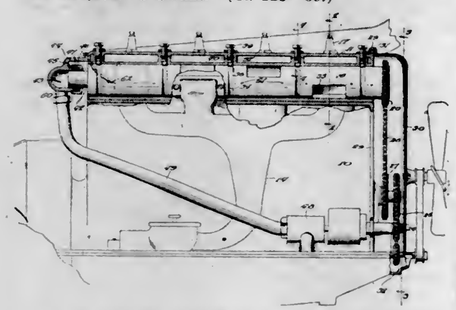
1. A case and a closure therefor movable to and from closed position, a leaf spring element, a mounting for the spring comprising a bearing on the case and another bearing on the closure each having the spring slidably engaged therein and being spaced apart longitudinally of the spring when the cover is in closed position.

1,573,265. MEANS FOR INTENSIFYING REPRODUCED TONES. JOSEPH MERSMAN, Ottawa, Ohio. Filed Jan. 10, 1922. Serial No. 528,155. 7 Claims. (Cl. 181—27.)



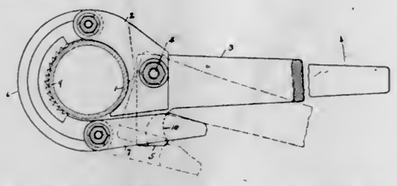
1. The combination with a reproducer, and a diaphragm, of a resonating tube communicating at one end with the reproducer, and a longitudinally positioned vibrator in the resonating tube of the same material as the diaphragm of the reproducer.

1,573,266. INTERNAL-COMBUSTION ENGINE. HAROLD N. MOORE, Kearney, Nebr. Filed May 5, 1924. Serial No. 711,173. 8 Claims. (Cl. 123—59.)



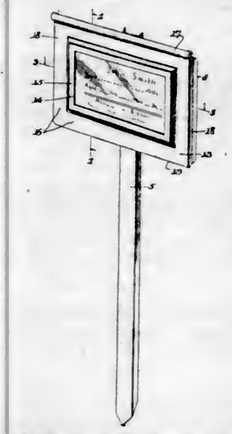
1. In an internal combustion engine, a cylinder head, rotatable tubular intake and exhaust valves carried thereby and projecting at one end of the head, an oil distributing chamber common to the valves, and means for delivering oil to said chamber to circulate through the valves, the chamber being provided with means supporting said chamber in spaced relation to the said end of the head to communicate with the projecting ends of the valves and forming a cover overlying said ends.

1,573,267. TONG. JEDDY D. NIXON, Houston, Tex., assignor to Howard F. Smith, Harris County, Tex. Filed Mar. 6, 1922. Serial No. 541,609. 1 Claim. (Cl. 81—66.)



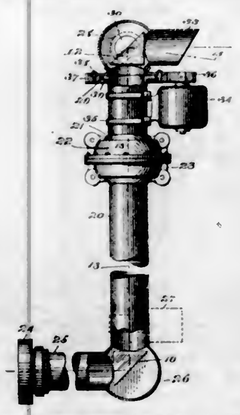
A pipe tong including a head having a deep slot at one side, an arcuate lateral extension carried by the other side of the head, a single handle one end of which is pivoted in said slot, a lateral projection carried by the pivoted end of the handle and projecting out beyond the slotted end of the head, an arcuate clamp one end of which is pivoted to the free end of said extension, a U-shaped latch pivoted to the other end of said clamp and working substantially parallel with the handle and adapted to engage over said projection, the inner side of said head and extension being arcuate and forming a jaw adapted to conform to the contour of the pipe, and a toothed pipe-engaging grip carried by the inner side of said clamp.

1,573,268. GRAVE MARKER. WILLIAM F. NORMAN, Nevada, Mo. Filed July 6, 1925. Serial No. 41,656. 2 Claims. (Cl. 40—124.5.)



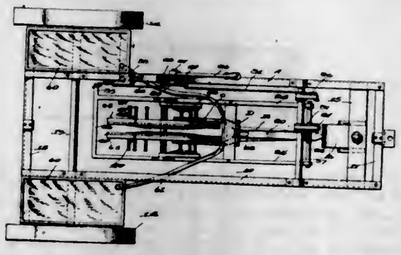
1. A grave marker including a rear plate having a hinging bead upon its upper edge throughout the length thereof, an apertured covering plate having a cooperative hinging bead throughout the length of its upper edge whereby when the plates are fitted together a tight joint is provided at the hinge, and two locking lugs carried at the respective ends of the bead of the latter plate for extending across the ends of the head of the first plate to hold the plates against longitudinal displacement, and cooperating friction gripping flanges carried by each plate for holding the plates coextensive and against accidental displacement.

1,573,269. VERTICAL FINDER FOR AIRCRAFT. CHARLES L. FAULUS, ROBERT KAUCH, and HENRY B. INGLIS, Dayton, Ohio. Filed July 17, 1924. Serial No. 726,525. 5 Claims. (Cl. 88—2.4.)



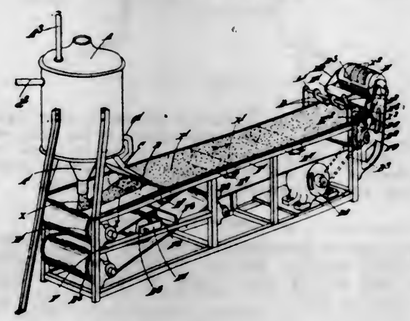
1. In a vertical finder for aircraft, a laterally viewing reflector, means for mounting said reflector to rotate about a substantially vertical axis, revolving means for said reflector for constantly revolving the same at a rapid speed to secure a continuous image of the horizon, and a stationary sighting means vertically arranged relative to said reflector for viewing the image of the horizon on the reflector.

1,573,270. PLANT SETTER. ELIHU C. PEARSON, Stillwater, Okla. Filed Aug. 4, 1924. Serial No. 730,080. 2 Claims. (Cl. 111—3.)



1. A plant setting device comprising a wheeled frame, a plant depositing wheel carried by the frame having a pair of solid plates, resilient sector arms secured to the inner faces of the plates, padded rims secured to the outer ends of the arms, spring means for normally holding the rims in engagement with their respective plates, and means for urging the flexible rims toward one another against the tension of said springs at predetermined times.

1,573,271. MANUFACTURE OF GOLF BALLS. ALBERT ERNEST PENFOLD, Birmingham, England, assignor to The Dunlop Rubber Company, Limited, London, England, a British Company. Filed Nov. 26, 1923. Serial No. 677,075. 9 Claims. (Cl. 18—57.)



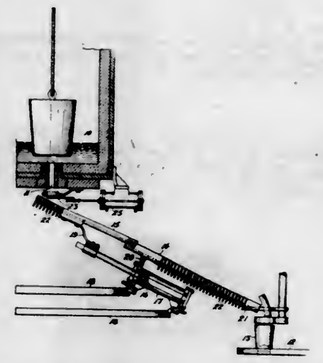
1. In the manufacture of golf balls, a method of preparing gutta percha for use in the construction of the ball, comprising preparing a solution of gutta percha, and forming the solution into a thin layer.

1,573,272. ANTIGLARE SHIELD. GEORGE E. PHILLIPS, Imola, Calif. Filed July 7, 1924. Serial No. 724,645. 1 Claim. (Cl. 296—97.)



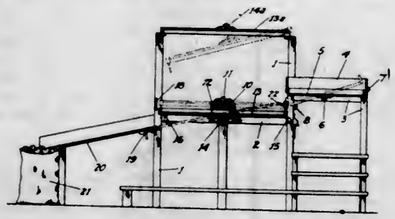
A glare shield comprising a sheet of anti-glare material having a rigid supporting rod along one edge with an extension beyond the material at one end and a ball joint at the other, a clip for supporting the extension adapted to be attached to an automobile windshield framing and a socket for receiving the ball joint adapted to be attached to the windshield framing, said socket being adapted to be positioned at the corner windshield framing of the vehicle and being slotted, to allow the glare shield to be swung from a position in front of the driver to a position at the side of the driver.

1,573,273. GLASS-FLOWING DEVICE. CLAUDE W. PLEUKHARP, San Francisco, Calif., assignor to Illinois-Pacific Glass Co., San Francisco, Calif., a Corporation of California. Filed Feb. 23, 1922. Serial No. 538,528. 6 Claims. (Cl. 49—5.)



1. In a glass flowing machine a charging vessel, a mold carrying device, an inclined chute arranged between, said chute having a reciprocating upper portion and a stationary lower portion, and a compressed air cylinder and piston for actuating the reciprocating portion.

1,573,274. POTATO-SORTING DEVICE. THOMAS PRESCOTT, Stockton, Calif. Filed Nov. 28, 1924. Serial No. 752,602. 11 Claims. (Cl. 209—123.)

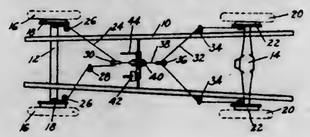


1. A potato sorting device including a sorting table onto which the potatoes to be sorted are deposited, another sorting table adapted to be lowered into engagement with the potatoes on the first table, and turnable members mounted in a fixed position relative to each other and in which both said tables are mounted only when said tables are in potato engaging relation whereby to enable the tables to be turned as a unit with the axis of said members as the center of rotation.

1,573,275. BRAKE-OPERATING CONNECTION. JACOB L. PRICE, Chicago, Ill., assignor to Bendix Brake Company, a Corporation of Illinois. Filed July 16, 1925. Serial No. 43,933. 12 Claims. (Cl. 188—204.)

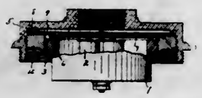
1. A vehicle having, in combination, a pair of front brakes, a pair of rear brakes, a continuous tension ele-

ment arranged to operate each pair of brakes, a pulley engaging each tension element, a block and tackle con-



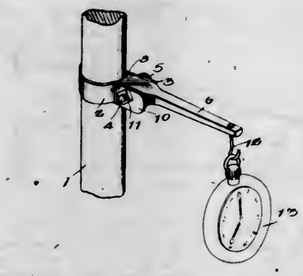
necting the pulleys, and means for operating the block and tackle to draw the pulleys toward each other to apply all four brakes.

1,573,276. DIAPHRAGM FOR TELEPHONE RECEIVERS. EARL H. ROLLINSON, Lyon Farms, N. J. Filed Feb. 26, 1924. Serial No. 695,191. 6 Claims. (Cl. 179—116.)



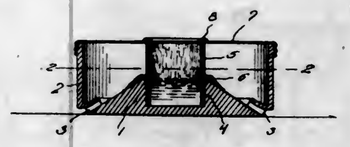
1. In a telephone receiver, the combination of a receiver cup and magnet system, a receiver cap having an annular projection therein, an armature supported upon the margin of said cup, a diaphragm within said cap and a single ball separating the diaphragm and armature at their centers.

1,573,277. BRACKET FOR ALARM CLOCKS AND WATCHES. CHARLIE W. SAGER, Superior, Ariz. Filed Aug. 10, 1922. Serial No. 580,953. 1 Claim. (Cl. 248—20.)



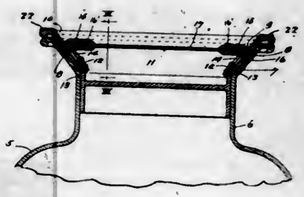
In a bracket of the character described comprising a split annular band formed of resilient material adapted to be sprung about a supporting post, a pair of apertured ears formed on the terminals of the band, a supporting arm having an enlarged end of greater height than the width of said ears disposed therebetween for engaging the supporting post, means extending through the ears and the enlarged end of the arm for urging the ears in frictional contact with the sides of the enlarged end of the arm, and an arcuate thumb piece formed on the outer terminal of one of the ears and extending beyond the enlarged end of the arm.

1,573,278. POISON-LIQUID CONTAINER. ANTHONY W. SCHLESINGER, Beaumont, Tex. Filed Aug. 10, 1925. Serial No. 49,388. 6 Claims. (Cl. 43—131.)



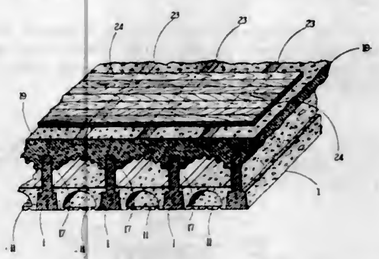
6. A device of the class described including a base having an upper conical surface provided with a recess at its apex, an annular wall upstanding from the base, the juncture of the wall and the base being provided with openings, a wick of cylindrical construction having its lower end seated in the recess and provided with a fringe resting on the conical surface, and a cover detachably engageable with the upper edge of the wall and provided with an annular channel for receiving the upper edge of the wick.

1,573,279. SELF-LOCKING COVER. ISAURO V. SILVEIRA, Fallon, Nev. Filed Dec. 1, 1924. Serial No. 753,275. 2 Claims. (Cl. 220—55.)



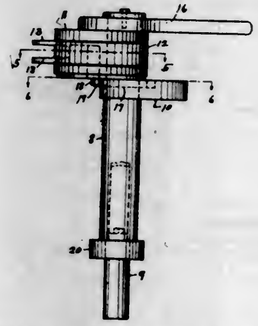
1. A can having an opening therein, a cover fitting the can, a rocking latch device carried by the cover, and a normally flat spring handle carried by the cover and connected with said latch device to respectively project same into and retract same from said opening.

1,573,280. REENFORCED-FLOORING CONSTRUCTION. FRED EARNEST SIMPSON, Toronto, Ontario, Canada. Filed May 31, 1923. Serial No. 642,520. 1 Claim. (Cl. 72—66.)



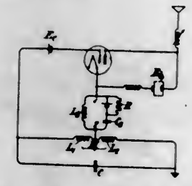
A reenforced flooring comprising parallel concrete joists having tapering base portions and reduced upper portions forming shoulders at the upper ends of said bases, tubular concrete elements having flat upper sides projecting over said shoulders and tapering walls fitting between said joist bases and flat floors with grooves in the under sides, metal arches supported on the flat upper sides of said tubular elements, a concrete bed submerging the upper ends of said joists and supported on said metal arches.

1,573,281. PIPE-ROTATING ATTACHMENT FOR ROTARIES. HOWARD F. SMITH, Houston, Tex. Filed Mar. 12, 1923. Serial No. 624,590. 5 Claims. (Cl. 255—35.)



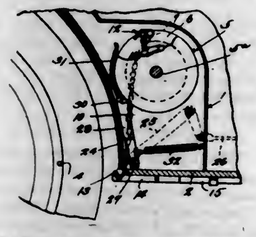
5. In combination a tong, a back up post, a support connected to the back up post and supporting the tong, an eccentric mounted on said post, means connecting said eccentric to the tong handle, and means for rotating the eccentric.

1,573,282. THERMIONIC MODULATOR. JOHN STONE STONE, San Diego, Calif., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Nov. 23, 1923. Serial No. 676,625. 2 Claims. (Cl. 179—171.)



1. A modulating system comprising a three-electrode thermionic vacuum tube with input and output circuits and a common conductor connected to the tube filament, a resistance amplifying loop interposed in said conductor, a telephone transmitter interposed in one side of said loop and a resistance shunting said transmitter.

1,573,283. MUD-CHAIN-APPLYING MECHANISM. ROBERT L. SUTTER, Falls City, Nebr. Filed Sept. 13, 1923. Serial No. 662,546. 1 Claim. (Cl. 152—14.)

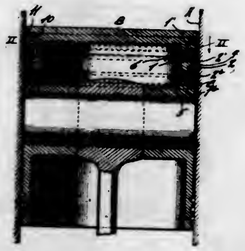


The combination with a vehicle wheel having lateral projections adjacent its perimeter, of a chain carrying drum located adjacent said wheel, said chain having headed studs releasably engaged with said drum, hooks carried by said chain for engaging said lateral projections, projectable means releasably supporting said hooks, means operable from within the car for actuating said projectable means to position the hooks in the path of said projections whereby the hooks will be engaged with the projections on the turning of the wheel, and means for transferring the stud carried end of the chain into engagement with said projections to secure the chain to the wheel.

1,573,284. COMPOSITION FOR ABSORBING AND PURIFYING THE WASTE PRODUCTS OF COMBUSTION. JOHN C. TATE, Oakland, Calif. Filed Nov. 16, 1922. Serial No. 601,394. 2 Claims. (Cl. 252—2.5.)

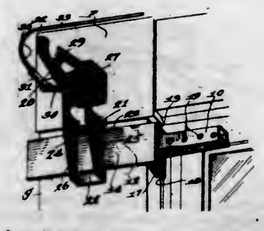
1. A composition lacking a moisture content for purifying waste gaseous products of combustion comprising solely a hard porous mass consisting of a mixture of lime capable of absorbing and retaining moisture, gases and the disagreeable odors resulting from the combustion of animal and vegetable matter, in combination with burned gypsum for holding the lime.

1,573,285. PISTON AND PISTON RING. JESSE M. THOMAS, Pine Lawn, Mo., assignor of one-third to William D. Gruelle, St. Louis, Mo. Filed Nov. 16, 1921. Serial No. 515,436. 10 Claims. (Cl. 74—109.)



1. A piston having an annular piston ring groove, a wall of which is inclined, a piston ring having an inclined face located within said piston ring groove and a peripheral face adapted to bear against the inside face of the cylinder within which said piston operates, said piston ring being provided with a groove and the piston being provided with a rib which lies within the last mentioned groove, and a secondary ring having inclined faces interposed between the inclined wall and the inclined face of said piston ring, whereby a radial movement of said secondary ring will impart radial movement to said piston ring.

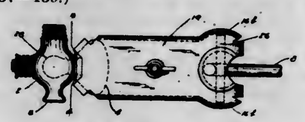
1,573,286. SUPPORTING BRACKET FOR WINDOW HANGINGS. KARL H. WHITNEY, Kirksville, Mo. Filed Feb. 3, 1925. Serial No. 6,579. 1 Claim. (Cl. 156—23.)



A window hanging support comprising a bracket member having angularly disposed end portions, means for slidably holding the bracket member, a resilient pad applied to the inner surface of one end portion of the

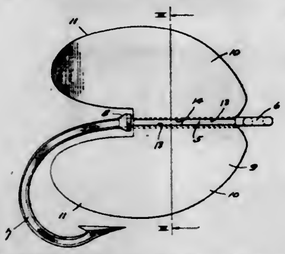
bracket member, the said end portion being provided with parallel slots, and a rail section having an end portion passing through the slots whereby the rail section is pivotally connected with the bracket member, the said end portion of the rail section engaging in the side surface of the pad.

1,573,287. DISTANT-OPERATED VALVE. JOHN M. WILLIAMS, Jr., and RICHARD F. FISCHER, Dayton, Ohio. Filed Aug. 4, 1922. Serial No. 579,634. 4 Claims. (Cl. 137—139.)



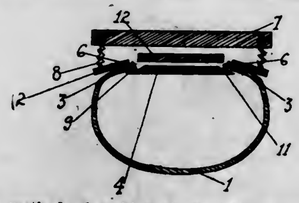
1. A universal joint comprising a U-shaped body member having a hole through the center of its curved portion and hemispherical depressions on opposite sides of said hole, a rod having an eye projecting through said hole, said eye fitting into said depressions, and a pin positioned between the sides of said body member and extending through the eye of the rod.

1,573,288. TROLLING GEAR. ALBERT W. WILSON, San Francisco, Calif. Filed Dec. 15, 1924. Serial No. 756,028. 5 Claims. (Cl. 43—45.)



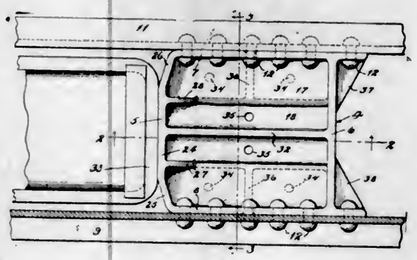
5. As a new article of manufacture, a spinner for fish hooks embodying a structure having a blade terminating in a bearing for the free reception of the shank of a hook and including axially resilient walls capable of movement relatively toward and away from each other on the application of pressure thereto.

1,573,289. METHOD OF MANUFACTURING SHOES. WILLIAM A. WITHERS, Elizabethtown, Pa., assignor to W. A. Withers Shoe Company, Elizabethtown, Pa., a Corporation of Pennsylvania. Filed Feb. 11, 1924. Serial No. 691,886. 4 Claims. (Cl. 12—142.)



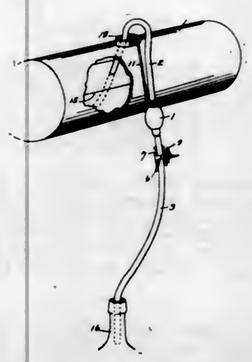
1. A method of making shoes that includes securing an inner portion of a shoe upper to an inner edge of a welt, placing the united portions over a channeled inner sole having a lip formed thereon, and then securing the lip on the inner sode to the united upper and welt portions.

1,573,290. DRAFT RIGGING. DONALD S. BARROWS, Rochester, N. Y., assignor to The Symington Company, New York, N. Y., a Corporation of Maryland. Filed Mar. 16, 1925. Serial No. 15,858. 18 Claims. (Cl. 213—56.)



1. A draft rigging back stop comprising side walls adapted to be secured to spaced car sills, a forward end wall united to said side walls and adapted to serve as an abutment for a movable part of a draft rigging, and longitudinally disposed transversely diverging webs uniting the side walls and forming a V-shaped section for reinforcing said forward end wall.

1,573,291. SIPHON. LOUIS BIANCHI, Redding, Calif. Filed Oct. 13, 1925. Serial No. 62,232. 2 Claims. (Cl. 137—20.)

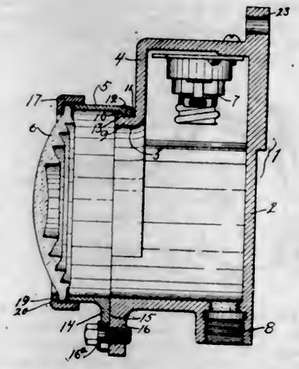


1. A siphon comprising a soft rubber bulb with a tube extending from opposite ends thereof and provided with means for suspending the bulb directly from a container when siphoning therefrom and whereby the siphoning tube above the bulb is relieved from the weight of the bulb.

1,573,292. INCANDESCENT-ELECTRIC-LAMP HOUSING. CARL H. BISSELL and ELDA G. SMITH, Syracuse, N. Y., assignors to Crouse-Hinds Company, Syracuse, N. Y., a Corporation of New York. Filed Jan. 9, 1923. Serial No. 611,577. 4 Claims. (Cl. 240—7.1.)

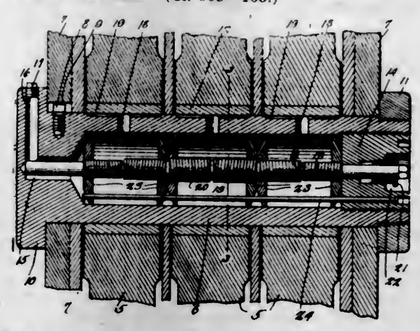
1. An electric lamp, comprising a body having a box portion formed with an opening in its front side, and an extension at its top, the extension having closed top, side, front and rear walls, and opening at its bottom into the box, the box being formed with an outwardly extending flange around said opening, a detachable collar

mounted on the flange, the flange and the collar having means for interlocking upon a lateral movement of the collar relatively to the flange, said collar having means



for carrying a lens and a lamp socket mounted in the extension and in such position that the lamp is in line with the opening, lamp socket and lens.

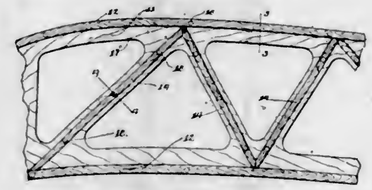
1,573,293. LUBRICATING DEVICE. LEE J. BLACK, Beaumont, Tex. Filed Nov. 16, 1922. Serial No. 601,286. 1 Claim. (Cl. 308—103.)



In a force-feed grease expelling unit for insertion into a hollow shaft, an externally threaded plug adapted to close one end of the shaft, a screw having one end swiveled in and passing through said plug at the axis of the latter, spaced grease-expelling pistons threaded on said screw by right and left hand threads respectively, said pistons having peripheral edges which are concentric with said screw throughout their circumference, and a rod parallel with the screw and anchored at one end to the aforesaid plug, said pistons having openings through which said rod passes to hold the pistons against turning when the screw is turned to operate said pistons and to force rotation of said pistons with said plug when the latter is turned incident to endwise insertion of the unit into the shaft or removal from such shaft, the peripheries of said pistons being exposed for contact with the interior of said shaft.

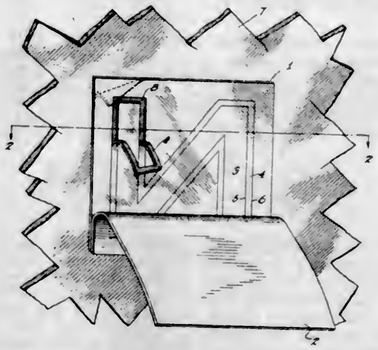
1,573,294. REENFORCED BRACING MEMBER FOR AIRCRAFT. BERTHOUD C. BOULTON, Dayton, Ohio. Filed June 27, 1923. Serial No. 648,053. 1 Claim. (Cl. 244—31.)

A structural rib for airplane wings comprising a sheet of plywood defining the sectional contour of the airplane wing, strips of wood of small cross-sectional area attached to the upper and lower edges at the sides of said sheet and flush with the outline of said sheet to also define the sectional contour of the airplane wing, a plurality of reenforcing strips of wood extending diagonally between said upper and lower edges and attached in



pairs directly to said plywood sheet, on opposite sides thereof, said plywood sheet being cut away between said diagonally extending strips whereby a rigid truss is provided without the use of fitting members.

1,573,295. ART OF LETTERING. EDGAR BOURGEOIS, Marlboro, Mass. Filed Sept. 23, 1925. Serial No. 58,000. 7 Claims. (Cl. 41—33.)



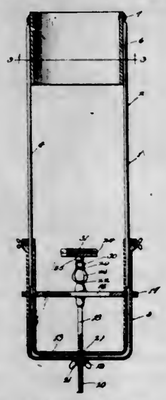
1. The herein described method of lettering, which consists in cutting in a letter ply of material a letter or symbol, thereafter applying a suitable backing to said ply to hold the ply intact, thereafter adhesively securing the first mentioned ply to the surface on which the letter is to be accomplished, then stripping off the backing, and thereafter stripping from said surface such parts of the letter ply as it is desired to remove.

6. As a new article of manufacture, a sheet of metal foil having a letter or symbol cut thereinto and a suitable temporary flexible backing adhesively, detachably secured to said sheet to maintain the sheet intact.

1,573,296. ADJUSTABLE SPLINT. HUGH THOMAS BRASELL, Fort Sumner, N. Mex. Filed June 13, 1922. Serial No. 567,985. 1 Claim. (Cl. 128—85.)

A surgical splint comprising a frame member including side bars and a yoke connecting said bars at one end, a limb-encircling band secured rigidly to said yoke and disposed between said side bars, a second frame member including tubular side bars and a cross bar connecting said side bars at one end, the side bars of the first-mentioned frame member being adjustably secured in the tubular side bars of the second frame member, a crosshead slidably engaged at its ends upon the tubular sidebars, a standard fixed to and extending from one side of said crosshead through the cross bar of the second-mentioned frame member, adjustable means for securing said standard in the cross bar, a second standard fixed

to and extending from the opposite side of the crosshead and terminating in a ball, a rest member provided on



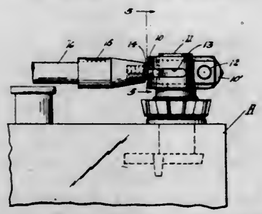
one side with a shank terminating in a split socket adapted to fit around said ball, and means for clamping said socket about the ball.

1,573,297. PROCESS OF DRYING PAPER. EMIL A. BRINER, East Orange, N. J., and HENRY J. GUILD, Bangor, Me.; said Guild assignor to Eastern Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Filed Nov. 29, 1919. Serial No. 341,359. 6 Claims. (Cl. 34—24.)



3. The following process for drying paper, to wit: first, subjecting an initially wet newly formed traveling web of paper to progressive drying, while being forcibly held to substantially determinate form and dimensions, until the moisture content is reduced to a first critical value marking the beginning of injury from such mechanical constraint; second, immediately and continuously subjecting the same to further progressive drying without any considerable degree of such constraint, until the moisture content has been further reduced to a second value at which immunity from injury by customary degrees of mechanical restraint is reestablished; and, third, completely drying the web while under such constraint.

1,573,298. STORAGE-BATTERY TERMINAL-POST CLAMP. MAX BROWN, Chicago, Ill., assignor to The Brown-Sebco Terminal Mfg. Co., Inc., Chicago, Ill., a Corporation of Illinois. Filed May 5, 1922. Serial No. 558,712. 8 Claims. (Cl. 173—259.)



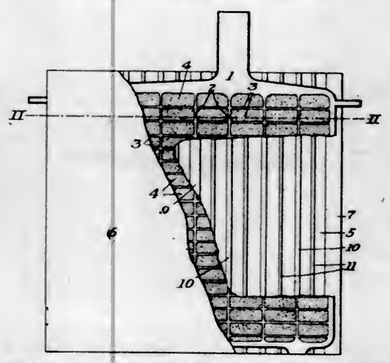
4. A device of the class described comprising a split clamp adapted to embrace a terminal post; said clamp having an elongated slot formed in its side and also having an opening formed therein for the reception of a bolt provided with a head and threaded; and means adjustably passing through the opposite ends of said clamp for drawing the same together and thereby tightly to engage said clamp around said post.

1,573,299. SHOE. HUGH BULLOCK, Andover, Mass., assignor to Converse Rubber Shoe Co., a Corporation of Massachusetts. Filed May 29, 1924. Serial No. 716,822. 3 Claims. (Cl. 36—45.)



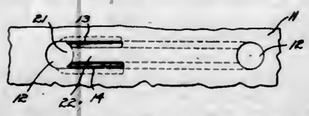
1. An ankle height athletic shoe, having lacing means at the front thereof, and provided at its top, rear part with a substantially U-shaped notch, the edges of which extend partly around the Achilles tendon of the wearer, whereby the pull from the lacing means is distributed and chafing of the tendon prevented.

1,573,300. STORAGE BATTERY. RUFUS N. CHAMBERLAIN, Chicago, Ill., assignor, by mesne assignments, to Gould Storage Battery Company Inc., New York, N. Y., a Corporation of New York. Filed Mar. 24, 1922. Serial No. 546,402. 4 Claims. (Cl. 136—149.)



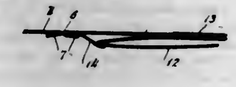
2. The combination with a battery plate having vertical ribs of a separator having wide ribs on its vertical edges, a wide rib intermediate the edge ribs and narrow ribs between said intermediate ribs and said edge ribs, each of said wide ribs coinciding with the ribs on said plate, substantially as described.

1,573,301. METHOD OF AND APPARATUS FOR CUTTING WIDE SLOTS. CLARENCE J. COBERLY, Los Angeles, Calif., assignor to Kobe, Inc., Los Angeles, Calif., a Corporation of California. Filed Jan. 5, 1925. Serial No. 735. 11 Claims. (Cl. 266—23.)



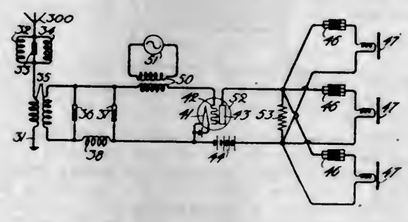
1. The method of cutting a slot in a sheet of metal, comprising; mechanically forming holes through said metal at points on opposite ends of the proposed slot; and simultaneously burning between said holes a pair of parallel slots.

1,573,302. COAT. ISIDORE M. COHEN, Philadelphia, Pa. Filed Feb. 19, 1925. Serial No. 10,200. 1 Claim. (Cl. 2—247.)



A garment including a pocket having a straight upper edge with only the forward portion thereof secured to the interior of the garment, and a flexible connection between the rear end of the unsecured portion of said upper edge, said unsecured portion, together with the rear vertical edge of the pocket, being otherwise free of the garment, and said connection projecting from said upper edge in substantial parallelism thereto and being secured to said garment at a point rearwardly of said vertical edge.

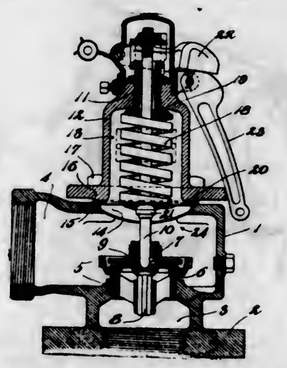
1,573,303. CARRIER-WAVE TRANSMISSION. EDWIN H. COLPITTS, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Original application filed Nov. 2, 1920, Serial No. 421,764, Patent No. 1,465,932, dated Aug. 28, 1923. Divided and this application filed Oct. 21, 1922. Serial No. 595,909. 15 Claims. (Cl. 250—9.)



1. The method of multiplex transmission comprising a modification of each of a plurality of different frequency oscillations in a manner individual thereto, simultaneous transmission of all of said modified oscillations, reception of all of said transmitted oscillations at a common station, conversion of all of said received oscillations into a composite current comprising lower frequency oscillations which differ in frequency by greater proportional amounts than the corresponding transmitted oscillations from which they are derived, selection of each of said lower frequency oscillations from the other lower frequency oscillations of the composite current to thereby distinguish their individual modifications, and utilization of each of said selected oscillations to give a response which is characteristic of the individual modification thereof.

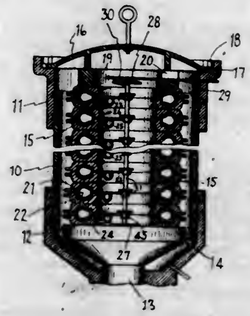
1,573,304. VALVE. PHILIP G. DARLING, Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y., a Corporation of New Jersey. Filed Feb. 16, 1924. Serial No. 693,261. 2 Claims. (Cl. 137—53.)

1. In combination with a safety valve having a casing provided with an outlet chamber, a valve seat, a valve head, said head being subjected to pressure tending to lift it from its seat, a removable spring housing secured in concentric relation to an opening in the wall of the outlet chamber of the casing, a spring in the housing, a spindle for transmitting movement from the spring to the valve head, and a septum of thin sheet material having a central dished portion convex toward the valve head whereby to make it stiff and unyielding and having a flat peripheral flange, said flange being adapted at will to be interposed and clamped between opposed surfaces of the spring housing and the casing, which surfaces, except for the interposition of the septum, would



contact directly with each other, the central convex part of the septum when so positioned forming a fixed partition between the interior of the housing and outlet chamber.

1,573,305. HEATER CONNECTION. CHARLES H. DESAUTELS, Springfield, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Oct. 17, 1922. Serial No. 595,208. 2 Claims. (Cl. 285—107.)

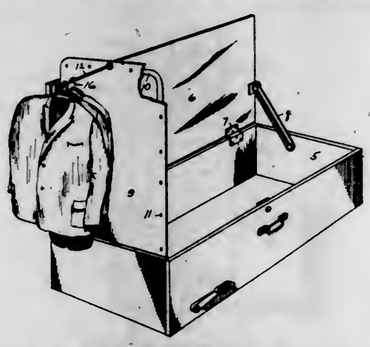


2. A T-coupling comprising opposed nipples adapted to be secured to the main line pipe sections, said nipples having secured thereto interfitting interrupted screw threads whereby they may be coupled together by sliding the thread segments past each other, and locked by rotating one set of threads relative to the other, and a plug fitting between the nipples and presenting surfaces adapted to form fluid tight seats with the nipples when the coupling is locked, the nipples having passages connecting with the pipe sections, and the plug having a passage connecting with the passages in the nipples, and adapted to be connected to a branch pipe.

1,573,306. WARDROBE TRUNK. KURT ARMAND DIEKELMANN, Birmingham, Ala. Filed May 5, 1925. Serial No. 28,210. 4 Claims. (Cl. 190—13.)

1. In a device of the character described, in combination with a body portion and a cover for the same, of a panel extending transversely of the body portion and hingedly connected thereto at a point adjacent to the

bottom of the body portion, a hanger supporting rod extending from the panel at a point adjacent the top and manually operable means operative from the exterior of



the body portion for swinging said panel from a position where it lies substantially within the body to a position where it lies substantially vertical to the body.

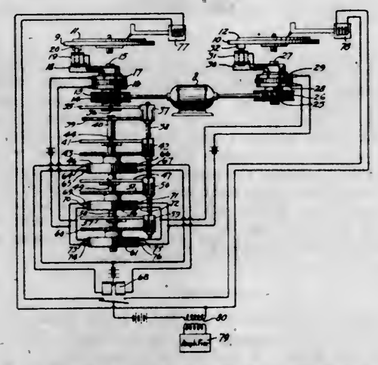
1,573,307. FUEL OIL. FRANK L. DIETZ, Brooklyn, N. Y. Filed Nov. 16, 1921. Serial No. 515,570. 4 Claims. (Cl. 44—9.)

1. A fuel oil for the generation of power by explosion engines, consisting of low temperature tar and of a mixture consisting of an alcohol and a hydrocarbon, both boiling at approximately 79 centigrade miscible therewith, as an agent capable of preventing the solidification of said low temperature tar.

1,573,308. MOTOR FUEL OIL. FRANK L. DIETZ, Brooklyn, N. Y. Filed Feb. 2, 1922, Serial No. 533,568. Renewed July 18, 1925. 3 Claims. (Cl. 44—9.)

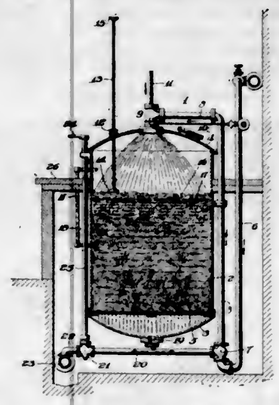
1. A fuel oil for the generation of power in explosion engines, consisting of the crude tar obtained by the distillation of coal at temperatures up to 600 centigrades and alcohol.

1,573,309. RECORDING AND REPRODUCING MACHINE. THOMAS L. DOWEY, Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 12, 1923. Serial No. 680,168. 4 Claims. (Cl. 179—100.1.)



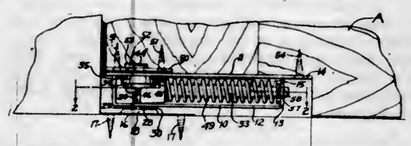
1. In a phonographic apparatus including record supporting and driving means and a plurality of electrical recorder-reproducers adapted to be brought into operation in succession, a common translating device, a switching arrangement for connecting said recorder-reproducers one at a time to said translating device comprising switching means, controlling means rotating at a lesser rate than said record supporting means for conditioning said switching means for operation only upon completion of a predetermined number of revolutions of said record supporting means, and means having an instantaneous speed of the same order as the peripheral speed of the record for actuating said switching means.

1,573,310. INDICATOR FOR INJECTOR PRESSURE KIERS. WILLIAM C. FOULDS, Tuckerton, N. J. Filed Nov. 12, 1921. Serial No. 514,839. 2 Claims. (Cl. 33—125.)



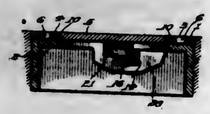
1. The combination with a pressure kier having a gauge for indicating the level of liquid therein, of a vertically disposed slidable indicating rod passing through the top of the kier to indicate above the top of the latter the height of the material contained in the kier, the foot of said rod resting on said material, whereby the height of the material may be compared with the height of the liquid.

1,573,311. HINGE. DAVID S. FRENCH and HAROLD S. FORSBERG, Bridgeport, Conn., assignors to The Forsberg Manufacturing Company, Bridgeport, Conn., a Corporation of Connecticut. Filed Sept. 28, 1923. Serial No. 665,480. 2 Claims. (Cl. 16—185.)



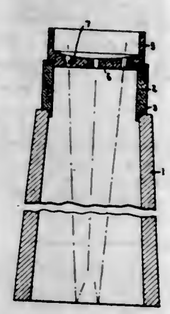
1. A hinge comprising a floor plate, a stationary post secured therein, said post including a cylindrical portion and having oppositely disposed pivotal shoulders, an annular plate member fixed upon said pivotal shoulders and surrounding the post, a frame comprising an upper plate with cap pivotally associated with said annular plate member and a lower plate pivoted upon said cylindrical portion, the flange of said cap engaging the circumferential margin of said annular plate member and there being a pocket between said annular plate member and cap, said post extending into said pocket, a ball retaining member in said pocket and rotatable upon said post, said ball retaining member having individual sockets spaced from said post, balls in said sockets and engaging the adjacent faces of said annular plate member and cap, a stop plate with stops, a pin on said lower plate and adapted to engage said stops, and a spring actuated plunger associated with said frame and including arms with grooves adapted to engage said pivotal shoulders.

1,573,312. STOP BOX. JOSEPH L. FRITZ, Philadelphia, Pa. Filed Oct. 29, 1923. Serial No. 671,622. 5 Claims. (Cl. 137—13.)



1. In a stop box, the combination of a box having a flange adjacent its upper end and extending inwardly, which flange is provided with notches extending therethrough and the said box also having lugs or projections located below the said flange, which lugs or projections are provided with notches in their upper edges which form vertical shoulders, and a cover for the said box, which cover is provided with depending projections the lower edges of which terminate in outwardly projecting extensions which are adapted to engage said shoulders whereby the said cover is prevented from turning in one direction until it is lifted vertically a distance sufficient to disengage the said projecting extensions from said shoulders.

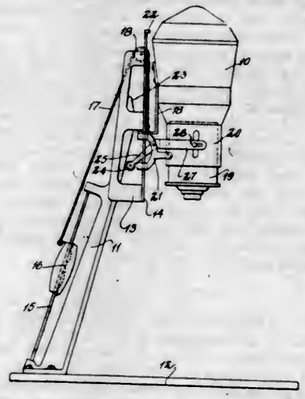
1,573,313. HOT TOP FOR INGOT MOLDS. VICTOR A. GIESEY, Cleveland Heights, Ohio. Filed Aug. 2, 1924. Serial No. 729,717. 1 Claim. (Cl. 22—147.)



In a pouring top for ingot molds, the combination of a tubular member removably mounted upon an ingot mold and in alignment therewith, and a transverse partition in said member provided with a plurality of convergent openings therethrough, the axes of such openings when projected falling against the bottom of said mold adjacent the center thereof.

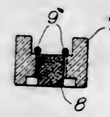
1,573,314. ENLARGING CAMERA. EMANUEL GOLDBERG and MARTIN NOWICKI, Dresden, Germany. Filed Jan. 3, 1925. Serial No. 444. 4 Claims. (Cl. 88—24.)

3. Enlarging camera comprising a frame, a support for said frame, a means for suspending said camera from said frame allowing a vertical displacement of the same, a rod spaced and parallel to said frame and secured thereon, a counterweight sliding on said rod to form a handle, to which one end of said suspension means is secured, and means including a telescopic metal tube objective holder for accurately focusing by locating the point of application of the leverage of said focusing



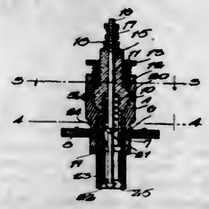
means within an area limited by the outer circumference of the telescopic metal tube for ensuring at all times the taking of an accurate picture.

1,573,315. METHOD OF CEMENTING TWO PARTS TOGETHER. JAMES THOMAS GRIFFIN, Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 12, 1922. Serial No. 587,674. 8 Claims. (Cl. 18—59.)



1. The method of securing two parts together, consisting in placing a tablet of cementing material adjacent the point where the joint is to be made, said tablet being composed of cementing material with a volatilizing binder, and then subjecting the parts to a temperature sufficiently high to cause the cement tablet to soften and adhere to both of the said parts to cause a union between them and a volatilization of the binder.

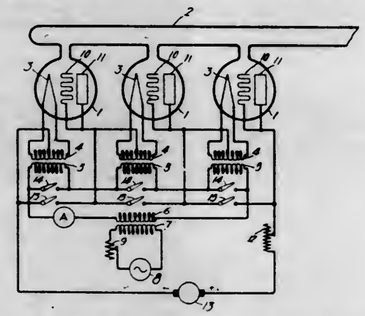
1,573,316. MAGNETO PLUG. ERNEST L. HADDOCK, Vancouver, British Columbia, Canada. Filed Sept. 13, 1923. Serial No. 662,517. 1 Claim. (Cl. 173—324.)



A terminal plug for magnetos comprising a metal jacket having an annular enlargement therein defining an upper and a lower stop shoulder, a porcelain body fitted in the jacket resting on the shoulder, the lower end of the porcelain body being reduced and extended below the annular enlargement in spaced relation to the inner face of the jacket defining an annular chamber

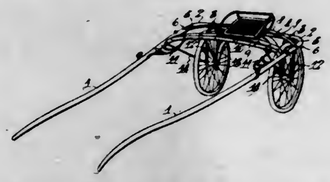
therewith, a nut for holding the porcelain body in position in the jacket on said shoulder, an axially disposed contact rod extending through the porcelain body and terminating below the lower end thereof, a binding post on the upper end of the rod, a contact point on the lower end of the rod, means carried by the upper end of the rod for holding the same in position on the porcelain body and for limiting the sliding movement thereof, a stop collar on said rod, an expansion spring coiled about the rod engaging the collar at its lower end and the porcelain body at its upper end, a porcelain sleeve having a reduced extension slidably disposed in the chamber defined by the jacket and the reduced portion of the porcelain body the reduced portion of the sleeve defining a stop shoulder, the sleeve receiving the lower end of the contact rod and an expansion spring disposed in the chamber having its opposite ends engaging the upper edge of the sleeve and the stop shoulder defined by the annular enlargement of the jacket.

1,573,317. MANUFACTURE OF VACUUM TUBES. WILLIAM G. HOUSKEEPER, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 2, 1922. Serial No. 565,301. 3 Claims. (Cl. 250—27.)



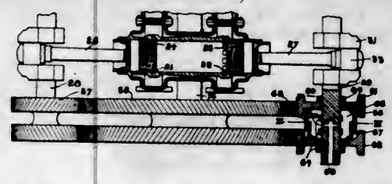
1. The process of simultaneously exhausting a plurality of vacuum tubes which comprises establishing a space current flow through said tubes in series, supplying equal heating currents to the cathodes of said tubes and removing from said tubes the gas released from the electrodes thereof.

1,573,318. RACING SULKY. JOSEPH HUBER, Bozeman, Mont. Filed June 22, 1925. Serial No. 38,833. 3 Claims. (Cl. 280—63.)



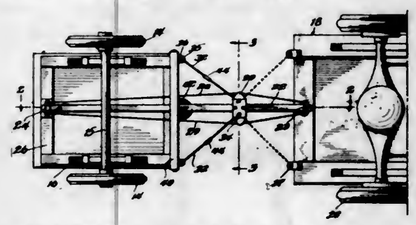
1. A sulky of the class described comprising curve-shaped shafts having well curved inturned rear end portions, a rigid rear cross bar upon each end of which one shaft rear end is secured, a truss circle secured between the shafts in advance of the rear cross bar, a bowed brace secured at its ends to the shafts and to the rear cross bar and having its rear bowed portion extending beyond and over the said cross bar, means positoned inwardly of each end of the cross bar for mounting a wheel, and a seat secured at its front end upon the truss circle and at its rear end upon the extended bowed portion of the bowed brace.

1,573,319. REVERSING MECHANISM FOR OPPOSED-PISTON ENGINES. ALEXANDER T. KASLEY, Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed July 2, 1921. Serial No. 482,281. 8 Claims. (Cl. 123—51.)



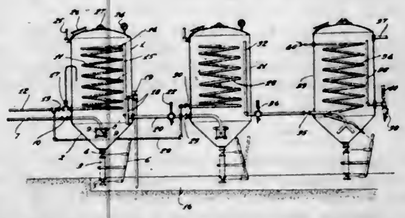
7. In an engine installation, the combination of two substantially parallel and spaced apart crank shafts, a plurality of open-ended cylinders having their center lines in the plane of the center lines of the crank shafts, opposed pistons in each cylinder, inlet and exhaust ports controlled by said pistons, a driven element, transmission mechanism between the crank shafts and the driven element, and automatically operative means for adjusting the relative angular disposition of the cranks to each other so that the pistons controlling the exhaust ports may lead the other pistons in both forward and reverse operations of the engine.

1,573,320. DRAFT MECHANISM. VIRGIL C. KLINE, Far Rockaway, N. Y. Filed Apr. 14, 1925. Serial No. 22,946. 17 Claims. (Cl. 280—33.4.)



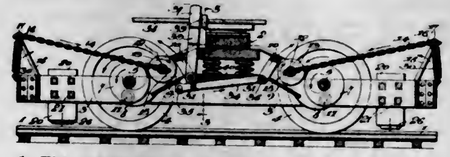
1. In a vehicle trailer including a single pair of supporting wheels, a drawbar pivoted to said trailer for transverse pivotal movement about a fixed point substantially rearwardly of the vertical plane of the axis of rotation of said wheels.

1,573,321. CONTINUOUS PROCESS OF DEMULSIFYING MINERAL OILS. WADSWORTH D. LEEPER, New York, N. Y., assignor to American Demulsifying Company, Muskogee, Okla., a Corporation of Oklahoma. Filed Dec. 7, 1921. Serial No. 520,579. 11 Claims. (Cl. 196—5.)



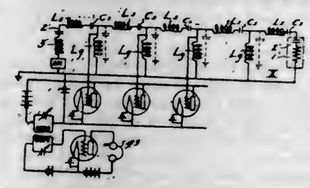
10. The herein described process of demulsifying mineral oils which consists in first washing the oil by passing it through hot water while the oil is in a finely divided state and then passing live steam through the oil thus washed.

1,573,322. BRAKE DEVICE. EBENEZER MORRIS, Augusta, Ga. Filed May 31, 1924. Serial No. 717,058. 6 Claims. (Cl. 188—41.)



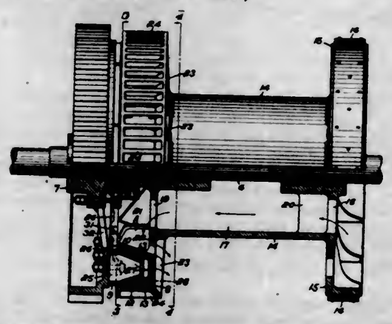
1. The combination with a car truck and a longitudinally movable brake operating rod, of shoes movable into and out of engagement with the rails over which the truck travels, box housings for housing the shoes in a vertically movable manner, crank levers for moving the shoes, a friction roller fixed upon the axle of the adjacent wheels of the truck, a pivoted frame, a cross shaft carried by the frame, a friction roller on the cross shaft, connecting means connecting the cross shaft and the shoe moving levers, a friction roller on the cross shaft, and means moved by the brake rod for causing the frame to move and the rollers to engage.

1,573,323. HIGHLY-SELECTIVE CIRCUIT. HAROLD W. NICHOLS, Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 31, 1921. Serial No. 526,206. 14 Claims. (Cl. 178—44.)



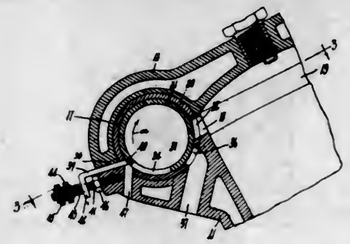
1. In a selective system, a source of electric waves, a plurality of repeaters controlled by said source, a network having a plurality of sections connected between said repeaters and said source, said repeaters having individual input circuits connected to separate points in said network in such manner that, for desired frequencies, the energy supplied to respective repeaters is in phase, and for undesired frequencies the energy supplied to respective repeaters is out of phase, whereby energy of said undesired frequencies is substantially excluded from an output circuit connected to said repeaters.

1,573,324. FRICTION CLUTCH. ALMON E. NORRIS, Brookline, Mass. Filed June 30, 1924. Serial No. 723,078. 8 Claims. (192—113.)



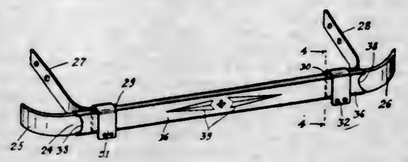
1. In a double cone friction clutch, the combination of two clutch members, each having walls presenting two oppositely inclined frusto-conical surfaces frictionally engageable with corresponding surfaces of the other member, and means for cooling said walls by utilizing the rotation of said members to cause air currents to flow along said walls in the general direction of the axis of said members.

1,573,325. ROTARY VALVE AND CARBON REMOVER THEREFOR. JOHN F. NORTON, Boston, Mass. Filed Feb. 20, 1923. Serial No. 620,272. 4 Claims. (Cl. 123—80.)



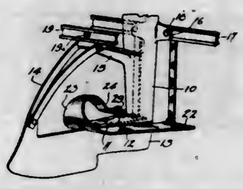
1. An internal combustion engine embodying therein a rotary valve, a scraper mounted upon said engine and yieldingly engaging the periphery of said valve and means to vary the pressure of said scraper upon said valve.

1,573,326. BUMPER. WALTER F. OHME, Minneapolis, and LEWIS H. FELKER, St. Paul, Minn. Filed Nov. 19, 1923. Serial No. 675,497. 6 Claims. (Cl. 293—55.)



1. A bumper comprising a bar having a flattened surface and formed with rounded edges, a spring facing having a portion adapted to lie adjacent said flattened surface, said facing being formed of spring metal and curved spring ends formed on said facing adapted to snap over said rounded edges of said bar to hold said facing in place thereon under spring tension.

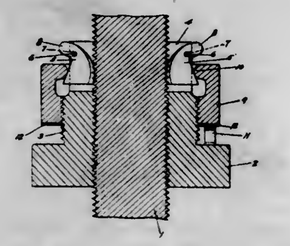
1,573,327. PLANTER DEPTH GAUGE. ALBA A. RESSEGUIE, Terril, Iowa. Filed Aug. 17, 1925. Serial No. 50,583. 6 Claims. (Cl. 97—327.)



1. A planter depth gauge to be attached to a planter having a planter leg secured by means of laterally spaced bolts to a transverse planter frame member, and having a planter foot extending forwardly from the lower end of the planter leg and having a planter shoe adapted to be secured to the leg by means of a bolt extending through said foot; said planter gauge comprising a pair of runners spaced at their rear ends

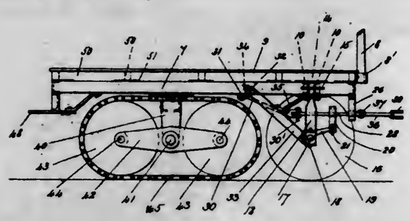
to embrace the planter shoe and integrally united at their forward ends in an upwardly curved breast portion, said breast portion having a rearwardly extending neck adapted to be secured to said second mentioned bolt, arms secured to said first mentioned bolts, and depending therefrom, the lower ends of said arms being secured to the runners.

1,573,328. LOCK NUT. BURT SALE, Portland, Oreg. Filed July 29, 1925. Serial No. 46,763. 4 Claims. (Cl. 151—12.)



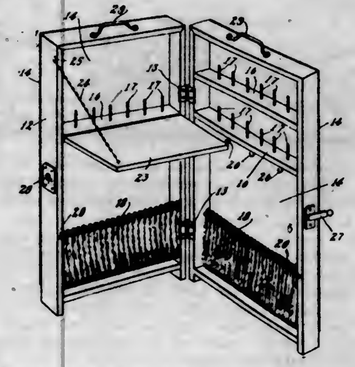
1. In a device of the character described, the combination of a nut having an inside thread, a neck coaxially with the nut and forming an integral part thereof, said neck having a male thread, a head coaxially with the neck and forming an integral part thereof, said head having an inside thread and being divided by a plurality of radially extending slots, a groove in the head across each slot, a knife movable in each slot, said knife being pivotally mounted in the groove, a handle projecting at right angles from the back of the knife and capable of receding into the slot, a sleeve nut screwably mounted on the neck, said sleeve nut having at the upper surface an inwardly directed shoulder, the clockwise rotation of the sleeve nut forcing the shoulder along the back of the knife and pressing the knife edge past the inside thread of the head, the counter clockwise rotation of the sleeve nut pressing the handle into the slot and withdrawing the knife edge from the inside of the head, and a crimped spring between the upper surface of the nut and the lower surface of the sleeve nut to normally retain the shoulder at a definite place on the back of the knife.

1,573,329. TRUCK. HENRY O. SCRANTON, Jeanerette, La. Filed Aug. 22, 1924. Serial No. 733,584. 10 Claims. (Cl. 280—33.55.)



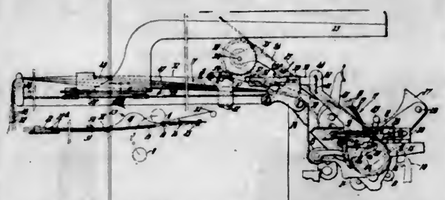
1. In a truck, a frame, a front axle pivoted by a horizontal pivote to the frame and provided with a slot, stub axles pivoted to the front axle and provided with steering arms, front wheels mounted on the stub axles, a coupling bar secured between the steering arms, and a draw bar having its rear end pivotally connected with the said frame by a vertical pivot and projecting through the slot in the front axle and operatively connected with the coupling bar so as to steer the front wheels.

1,573,330. SCREEN. CLARA DELL SMITH, Reading, Mass. Filed June 24, 1925. Serial No. 39,164. 1 Claim. (Cl. 223—53.)



An article of the character stated, comprising a screen including two similar recessed members hinged together and each having a back and a marginal frame, a shelf within each member extending throughout the width and depth of the recess in the member, the forward edges of said shelves being in contact when the recessed members are closed together, a hook within one member above the said shelf therein, a swinging shelf supported by hinges secured to the lower face of the last said shelf, whereby it may hang vertically from said fixed shelf or, when the members are in open relation, extend horizontally therefrom with its upper surface flush with the upper surface of the fixed shelf, said swinging shelf extending throughout the length of the front edge of the fixed shelf, and a chain connected to the swinging shelf and adapted to be engaged with said hook to maintain the swinging shelf in horizontal position, in which it is in alignment with both the fixed shelves.

1,573,331. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 26, 1924. Serial No. 701,913. 18 Claims. (Cl. 197—126.)

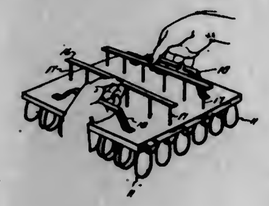


1. In a typewriting machine, the combination of a platen around which a bill-sheet and a record-sheet may be fed, a swing-frame to lift said platen, line-spacing means for said platen to feed said bill-sheet, line-spacing mechanism comprising a line-space wheel on said swing-frame for the record-sheet, and a connection from the platen line-spacing means to the line-space wheel for the record-sheet, said connection being so arranged as to permit the line-space wheel to be swung with the swing-frame.

1,573,332. EGG-HANDLING MACHINE. FRANCIS SMYTHE and ROSS SMYTHE, Akron, Iowa. Filed July 6, 1925. Serial No. 41,718. 3 Claims. (Cl. 294—87.)

1. In an egg-handling device, a base, a plurality of pairs of egg-receiving loops secured to and depending

from, said base, said pairs of loops being aligned in rows, a plurality of stripping bars positioned between the loops of the respective rows, a pair of finger bars disposed above the base in positions extending transversely of the stripping bars, and spaced from each other and from the edges of the base, rods connecting each of the



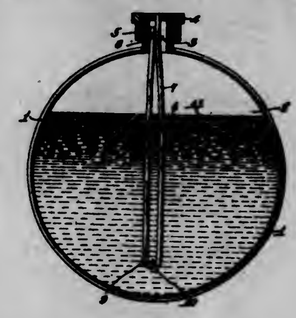
finger bars with each of the stripping bars, said rods being slidably extended through the base, and handles secured to the base, parallel to, and spaced from, the remote sides of the finger bars, whereby an operator may reach his fingers under, and his thumbs above, said handle to engage between said thumbs and fingers, the finger bars.

1,573,333. DYNAMO-ELECTRIC MACHINE. HUGH M. STOLLER, Mountain Lakes, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Mar. 15, 1924. Serial No. 699,429. 2 Claims. (Cl. 172—293.)

1. In combination a plurality of series wound motors, alternating current supply means common to said motors, means for establishing a plurality of direct connections between respective points in each armature circuit and corresponding points in another of the armature circuits of said machines for starting, to cause said machines to accelerate in step with each other, and means for thereafter opening said direct connections and for closing independent short circuits across fixed points in each armature circuit substantially 180 electrical degrees apart to cause said machines to run in synchronism with each other.

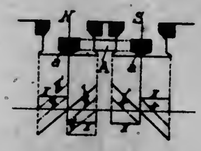
1,573,334. ATOMIZER. ANTONY THOMAS, Philadelphia, Pa., assignor of one-half to Spyridon Gorgolis, Philadelphia, Pa. Filed Sept. 30, 1924. Serial No. 740,748. 2 Claims. (Cl. 299—90.)

1. An atomizer including a casing characterized by having a top cap closure threaded thereon; a bent tube within the casing having one leg thereof fixed in the cap closure and extending through the same and having the other leg thereof terminating short of the cap closure and opening into the space above the tolerance line of liquid; said tube being of a length to have its



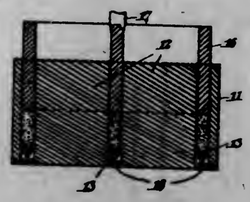
bent portion situated near the bottom of the casing and having an opening adjacent its curved portion, substantially as described.

1,573,335. ARRANGEMENT FOR THE COMPENSATING WINDINGS OF COMMUTATOR MOTORS WITH SALIENT POLES. LAJOS TORDA, Budapest, Hungary. Filed Mar. 22, 1924. Serial No. 701,164. 5 Claims. (Cl. 171—228.)



2. An electric commutator motor having in combination, an armature provided with armature windings, a field comprising a frame carrying salient pole pieces divided on longitudinal planes, field windings about said pole pieces, neighboring pole pieces being bridged by formed compensating windings carried in slots in said pole pieces, which slots are beneath the pole faces and are intersected by said longitudinal planes.

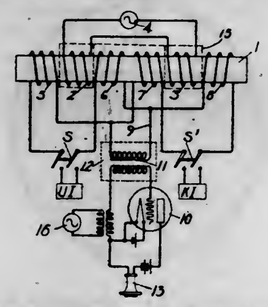
1,573,336. BLOCK-MOLDING DEVICE. FRANK VAN ANDEN, Miami, Fla. Filed Sept. 18, 1925. Serial No. 57,120. 5 Claims. (Cl. 25—121.)



1. In a device of the class described, a mold box, a pallet removably arranged in said box, cores protruding through said pallet, the edges of said pallet engaging said box and cores presenting acute angles, and a knife edge supporting said pallet.

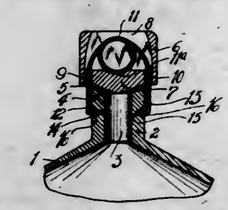
4. In a device of the class described, a mold box, cores in said box, a sectional tamper, the assembled section of said tamper corresponding with the shape and size of the channels between said cores and box, and the said sections adapted to be operated alternately.

1,573,337. ELECTRICAL BRIDGE. HARALD J. VENNES, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 20, 1920. Serial No. 397,769. 6 Claims. (Cl. 175—183.)



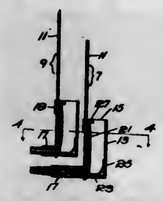
1. A measuring bridge comprising a transformer having a plurality of windings, a source of waves connected to certain windings of said transformer, other windings of said transformer being included in a circuit with a known and an unknown impedance, a path connecting separate points of said circuit and including a translating element, and means for shielding said element.

1,573,338. COLLAPSIBLE-TUBE CLOSURE. CHRISTIAN C. WARTH, Spokane, Wash. Filed Apr. 2, 1925. Serial No. 20,166. 4 Claims. (Cl. 221—60.)



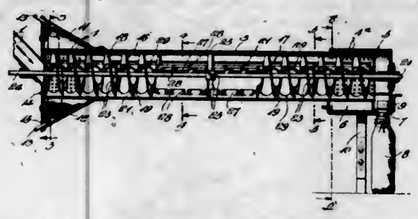
1. The combination with a dispensing head having a valve seat and opposed sockets, of a closure cap having a head to fit said seat, a yoke having a spring coil enclosed within a recess in said cap and its arms passed through holes in said cap, and angular pivot pins on the ends of said arms seated in said sockets.

1,573,339. PEN FOR RECORDING GAUGES. EDWARD J. WATTS, Foxboro, Mass., assignor to The Foxboro Company, Foxboro, Mass., a Corporation of Massachusetts. Filed June 28, 1920. Serial No. 392,220. 11 Claims. (Cl. 120—43.)



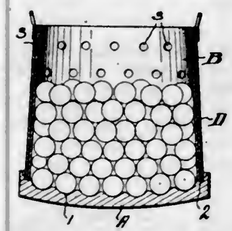
1. A pen for recording gauges and the like and adapted particularly for multiple pen instruments comprising a reservoir having an open end and opposed flat sides and a stylus projecting from one of said sides remote from said open end, the whole providing a pen of relatively great ink capacity yet restricted depth whereby it may swing freely between a chart and instrument cover or in cooperation with other pens.

1,573,340. GRAIN-TREATING MACHINE. SAMUEL A. WEITMAN, Kahlotus, Wash. Filed Apr. 23, 1923. Serial No. 634,119. 8 Claims. (Cl. 83—28.)



1. A grain treating machine comprising a rotatable cylinder having a grain inlet and having its walls perforated throughout a portion of its length, a drum surrounding the perforated portion of said cylinder to contain a grain treating medium, and a dipper in said drum for elevating a predetermined quantity of its contents and dropping such quantities onto the perforated portion of the cylinder, said dipper being passed into the drum through a slot in the end thereof and movable into and out of the drum through the slot.

1,573,341. DEVICE FOR PACKING FRUIT AND THE LIKE. ENOS B. HIATT, Palisade, Colo. Filed Sept. 27, 1924. Serial No. 740,280. 5 Claims. (Cl. 226—17.)



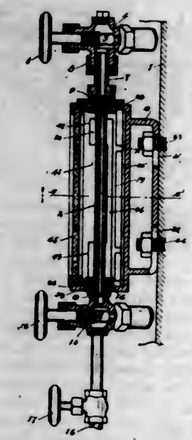
1. An apparatus for packing fruit, including a facing base, a relatively weak walled basket liner and a reinforcing shell therefor adapted to be placed on the facing base, said shell being outermost and designed for removal preparatory to telescoping the basket to be filled over the filled liner, said liner being of such size to receive the full content of the basket to be filled.

1,573,342. COMBINED WATER-GAUGE ILLUMINATOR AND PROTECTOR. WILLARD J. HILL, SAMUEL J. LUPTON, and FRANCIS E. COLLINSON, Winnipeg, Manitoba, Canada, assignors to said Hill. Filed Mar. 13, 1924. Serial No. 699,129. 9 Claims. (Cl. 73—54.)

1. The combination with a water gauge glass, of a combined water gauge illuminator and protector comprising a permanently mounted bracket and an integrally formed lamp containing casing and water gauge glass protector detachably carried by the bracket.

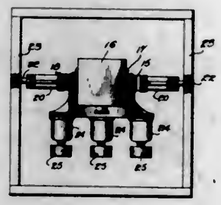
9. A combined water gauge illuminator and protector for a boiler, comprising an integrally formed lamp casing and water gauge glass protector, the protector being substantially square in horizontal section and having one of the rear sides opening to the lamp casing and provided with a web protecting the lamp and forming upper and lower steam escape openings and a light slot therebetween, the other of the rear sides open to permit of the passing of the water gauge glass within the protector, the front sides thereof transparent and the upper and lower ends thereof provided with semi-circular bearings engaging the gauge glass mountings, a discharge pipe leading from the bottom of the lamp casing, a closure plate on which the protector is detachably mounted,

said closure plate closing the open side of the protector and having a bottom horizontal extension through which the lower gauge glass mounting extends and an upper horizontal saddle like extension cooperating with the top of the protector to enclose the upper gauge glass



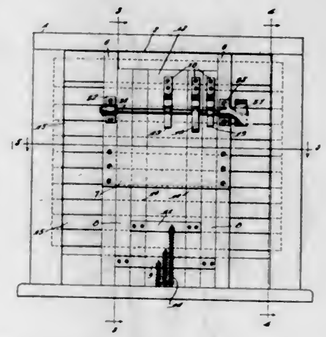
mounting, a supporting bracket permanently attached to the rear of the closure plate and a mirror on the front face of the closure plate adapted to reflect the light rays emanating through the light slot on to the water column within the gauge glass.

1,573,343. SUPPORT. WILLIAM F. HOLEKA, San Francisco, Calif. Filed Dec. 31, 1923. Serial No. 683,812. 2 Claims. (Cl. 74—78.)



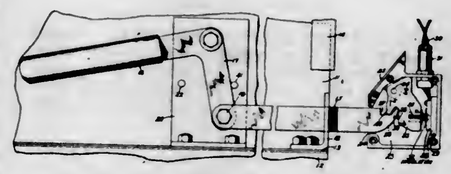
1. In a device of the character described a central support having a depending portion provided at its bottom with an outstanding horizontal flange, a plurality of motor casings secured to said flange, a depending motor shaft carried by each motor casing, a fly-wheel carried by each shaft adjacent its motor casing, means adjacent the upper face of said support for securing an instrument thereto, an inner member surrounding said support and pivotally connected at opposite sides thereto, and an outer member surrounding said inner member and pivotally connected thereto at opposite sides and at right angles to said first named pivotal connection, the upper faces of said support and said inner and outer members being substantially flush.

1,573,344. PICTURE DEVICE. LOUIS G. JORDAN, Aberdeen, Wash. Filed Mar. 30, 1923. Serial No. 628,898. 5 Claims. (Cl. 40—60.)



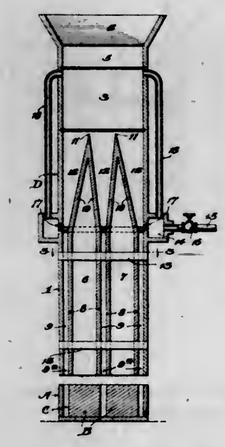
1. In a device of the class described, a frame, panels on the frame, slides mounted to reciprocate on the frame, one slide comprising spaced parts and a connection therebetween, the connection retaining the other slide for reciprocation, tongues carried by the slides, and operating between the panels, the panels and the tongues being provided with cooperating display matter, and means for reciprocating the slides.

1,573,345. ELEVATOR-DOOR LOCK. FREDERICK E. KALTE, Los Angeles, Calif., assignor to Randall Control and Hydrometric Corporation, Los Angeles, Calif., a Corporation of California. Filed Oct. 13, 1923. Serial No. 668,303. 2 Claims. (Cl. 187—31.)



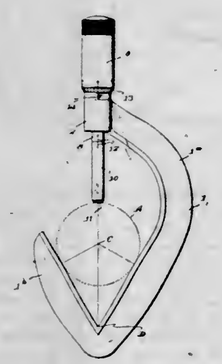
2. In a lock for a horizontal elevator door, a weighted lever supported on the door, a horizontally movable bolt connected to the lever and extending beyond the door, the arrangement being such that the horizontal movement of said bolt may be comparatively large, a lock casing having an aperture and supported at the side of the door, the aperture alining with the bolt only when the door is in closed position, an inclined guide supported by the casing and cooperating with the lower surface of the bolt end to move it against the force exerted by the weighted lever as the door is brought to closing position, and thereby to permit it to enter the aperture in the casing, a weighted tumbler opposite the aperture and pivoted for movement in the casing about a horizontal axis, a contact resiliently supported by the tumbler and a cooperating stationary contact, said tumbler having a notch near the place where the bolt enters the casing, and arranged to accommodate a cooperating finger formed on the end of the bolt, whereby horizontal movement of the bolt in and out of the aperture may serve to operate the contacts positively in either direction.

1,573,346. PROCESS FOR FILLING AND TAMPING MOLDS. ALLEN KISSAM, Orlando, Fla. Filed June 27, 1924. Serial No. 722,842. 3 Claims. (Cl. 25—155.)



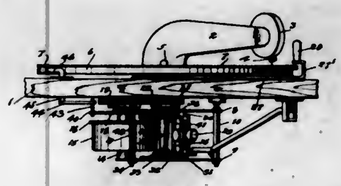
1. A process for the filling of molds with semi-wet cementitious materials which consists in forcing by fluid pressure a quantity of said material through a tube into a mold beyond, the tube and mold having the same cross sectional shape.

1,573,347. CALIPER. PAUL CHARLES LABASSE, New Orleans, La. Filed Sept. 15, 1923. Serial No. 662,914. 3 Claims. (Cl. 33—166.)



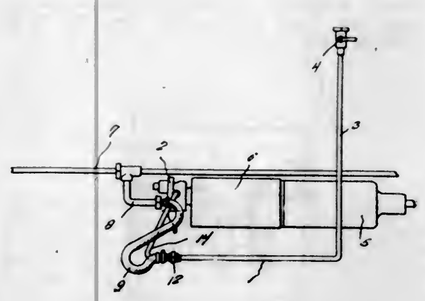
1. A micrometer caliper comprising a barrel, an arm extending from the barrel and terminating in an angular extremity with the apex of the angle in line with the axial center of said barrel, a sleeve movable upon the barrel, there being cooperating graduations upon the sleeve and barrel, an adjusting nut threadedly engaging the bore of the barrel, a spindle secured to the sleeve and extending through and threadedly engaging the nut and a range pin detachably secured to the spindle.

1,573,348. TALKING MACHINE. GEORGE W. LAWRENCE, Winnipeg, Manitoba, Canada. Filed Mar. 8, 1924. Serial No. 697,865. 2 Claims. (Cl. 185—39.)



1. In a talking machine, the combination with a spring actuated motor presenting a driving shaft, a turn table shaft and a turn table carried by and rotating with the turn table shaft, of a winding crank revolvable around the turn table shaft and extending outwardly beneath the turn table and provided at its outer end with a hand grip, ratchet controlled intermeshed gears for effecting the rotation of the motor driving shaft to wind the motor spring and in the rotation of the crank in a pre-determined direction, releasable friction means preventing the rotation of the motor shaft subsequent to the spring being wound and a train of gears and pinions connecting the motor with the turn table shaft and adapted to rotate the turn table shaft upon the aforesaid friction means being released.

1,573,349. CLEAN-OUT ATTACHMENT FOR THE RETENTION PIPE AND RETENTION VALVE OF AN AIR-BRAKE SYSTEM. MERCED LEDESMA and ADOLFO ACOSTA, El Paso, Tex. Filed Aug. 4, 1924, Serial No. 729,996. Renewed Nov. 30, 1925. 3 Claims. (Cl. 303—75.)

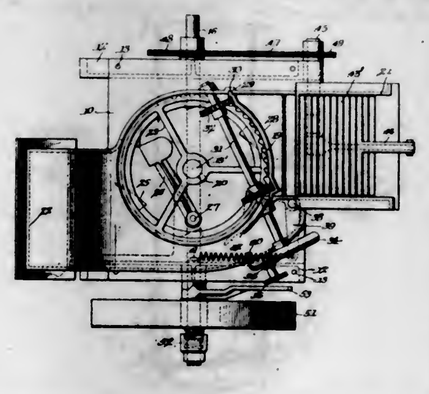


1. The combination with an air brake system including a train line and the retention pipe and retention valve associated therewith, of a connection between the train line and the retention pipe for forcing the air under pressure in the train line to the retention pipe and the retention valve for cleaning out the same.

1,573,350. PERCENTAGE FEEDER. ANGUS D. MACLELLAN, Owensboro, Ky., assignor to MacLellan Mixer Company, Owensboro, Ky., a Corporation of Kentucky. Filed Jan. 12, 1925. Serial No. 2,046. 23 Claims. (Cl. 83—44.)

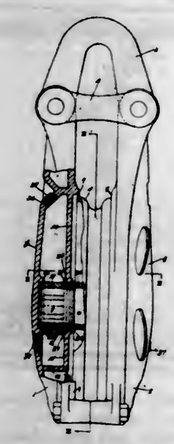
1. In a feeder of the class described, the combination of a casing having inlet and outlet openings, an inclined

drive shaft extending through the bottom of the casing, a wheel keyed to said shaft and having peripheral



pockets mounted in said casing, a scraper contacting with the periphery of said wheel, and means for preventing material from passing around said scraper.

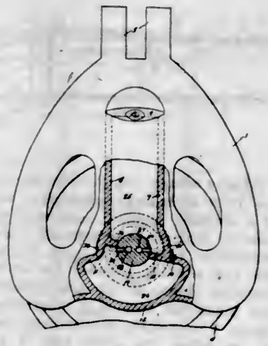
1,573,351. PULLEY BLOCK. FREDERICK B. MALLORY, Portland, Oreg. Filed Apr. 10, 1923. Serial No. 631,196. 12 Claims. (Cl. 308—94.)



1. In a device of the class described, a side-bearing member having an opening for a shaft and including a plurality of independent lubricant reservoirs closed from communication with one another disposed on substantially opposite sides of the shaft opening respectively, and said member having means whereby said reservoirs may communicate with a shaft extending through said opening, respectively, at substantially opposite sides thereof.

1,573,352. PULLEY BLOCK. FREDERICK B. MALLORY, Portland, Oreg. Filed June 13, 1923. Serial No. 645,110. 18 Claims. (Cl. 308—94.)

1. A pulley block comprising the combination with a pair of block-sides, an axle supported thereby, and a sheave thereon, of wholly independent lubricating chambers in one of the block-sides, and separate means of communicating lubricant supply through the axle to

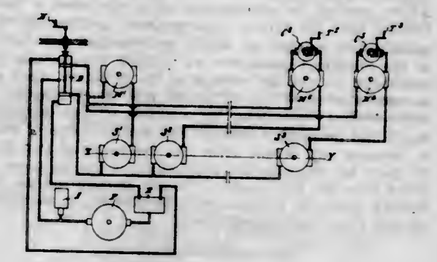


the bearing surfaces of the sheave and axle, from one or the other of said lubricant chambers, depending upon the position occupied by the block in use.

1,573,353. PROCESS OF USING OR APPLYING STICKY, HEAT-SENSITIVE SHOE-BOTTOM FILLER TO SHOE BOTTOMS. GEORGE H. MAXWELL, Phoenix, Ariz. Filed Sept. 14, 1921. Serial No. 500,709. 3 Claims. (Cl. 18—1.)

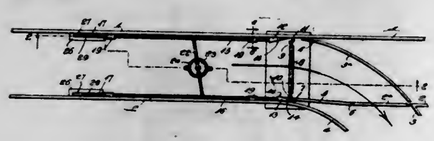
1. The herein described process of conditioning, for filling operations, a shoe bottom filler of granular, sticky material slowly penetrative by heat and liable to be charred and burned at high heat, consisting in passing a mass of the filler in non-compacted and readily permeable condition in a prescribed confined course, permeating the mass with a moist heating agent during such passage, and withdrawing the thus conditioned and non-compacted material from the mass.

1,573,354. HYDRAULIC DISTANT CONTROL APPARATUS. NICOLAS EMILIEN METHLIN, Paris, France, assignor to Schneider & Cie., Paris, France, a Limited Joint Stock Company of France. Filed July 8, 1924. Serial No. 724,872. 10 Claims. (Cl. 89—41.)



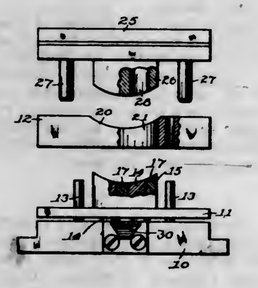
1. Apparatus for controlling one or more guns from a central station provided with a sighting telescope comprising, in combination, hydraulic means for moving said telescope, hydraulic means operatively connected to each gun to be controlled for moving the latter, means for transmitting equal volumes of liquid to each of said hydraulic means, and compensating means operatively connected to said second named hydraulic means for imparting complementary displacements to the latter.

1,573,355. RAILWAY-SWITCH MECHANISM. JOHN J. O'ROURKE, Harrisburg, Pa. Filed Oct. 5, 1925. Serial No. 60,563. 6 Claims. (Cl. 246—317.)



1. In a railway switch, the combination with main and branch line rails including a laterally movable switch tongue, of a shifting member connected with said laterally movable tongue, longitudinally movable switch tongues engageable respectively with the laterally movable tongue and shifting member for shifting the said laterally movable tongue in opposite directions, a pair of sliding rods connected with said longitudinally movable switch tongues, a connection between the rods for retracting either rod when the other rod is projected, and means for positively projecting either rod.

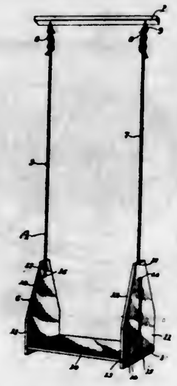
1,573,356. METHOD OF SHAPING SHEET PYROXYLIN AND THE LIKE. EARL R. PERSON, Leominster, Mass., assignor to The Viscoloid Company, a Corporation of Massachusetts. Original application filed Mar. 15, 1922, Serial No. 543,938. Divided and this application filed Nov. 19, 1923. Serial No. 675,475. 1 Claim. (Cl. 18—51.)



The method of molding sheet pyroxylin and the like which consists in cutting out of a flat sheet a blank thinner than the article to be produced, perforating it at exactly the margin at which perforations are desired in the completed product so as to leave the surfaces perpendicular to the flat surface of the blank or sheet and so that the blank at all points will be rectangular in cross section, smoothing the surfaces of the perforated blank and pressing it between two surfaces, one of which is concave and deeper than the thickness of the blank to force all the material originally cut out to form the blank into the die, whereby all the material of the perforated blank is utilized and the product is materially thicker than the original sheet.

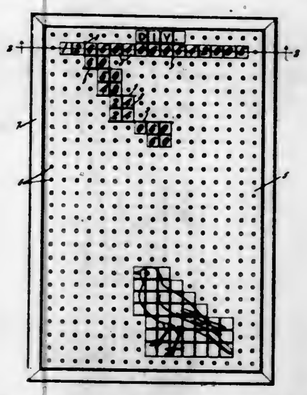
1,573,357. SWING. JOSEPH PHOENIX, Adams, Mass. Filed Aug. 11, 1924. Serial No. 731,482. 2 Claims. (Cl. 155—58.)

1. A pendent swing comprising a suspension rope having suspension hooks provided at each end thereof, a seat portion comprising vertically extending side arms having horizontally aligned apertures provided adjacent their upper and lower ends centrally of the side arms, and having vertically extending grooves provided in their confronting faces extending from the upper apertures of the arms to the upper marginal edges thereof, said grooves to receive longitudinal portions of the suspension rope for retaining the seat portion in an equal line



of action with the suspension rope, and a seat secured between the side arms at a point directly above the lower apertures in said arms.

1,573,358. EDUCATIONAL DEVICE. JOSEPH P. ROSS, Winona, Minn. Filed Aug. 1, 1924. Serial No. 729,591. 1 Claim. (Cl. 35—2.)

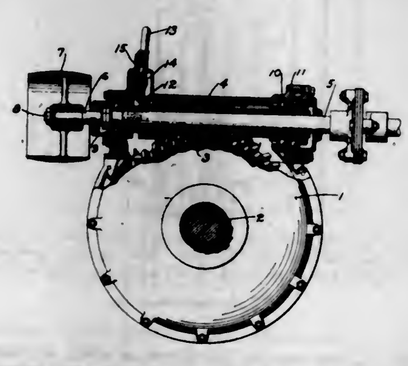


In a device of the character described, a base having a plurality of spaced openings formed therein, indicating members having pegs, said pegs adapted to be positioned in the openings to secure the indicating members in position on the base, said indicating members being of sizes to provide spaces between adjacent indicating members, dividing strips adapted to be positioned within spaces formed between indicating members, said dividing strips adapted to be held by frictional contact with the indicating members.

1,573,359. POWER-TRANSMISSION DEVICE. GLOVER E. RUCKSTELL, Berkeley, Calif. Filed Sept. 9, 1924. Serial No. 736,752. 2 Claims. (Cl. 74—7.)

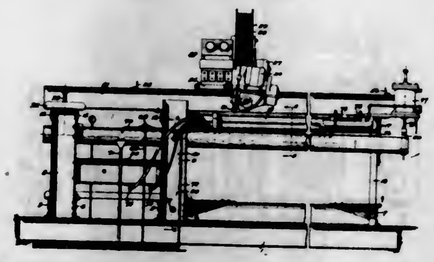
2. A power transmitting device comprising the combination of a worm gear operatively connected to the rear axle shafts of a motor operated vehicle, a housing therefor, a driving shaft driven from the motor vehicle and extending rearwardly of the vehicle and through and rearwardly of the housing, bearings at each side of the

housing rotatably supporting the shaft, a worm loose on the shaft in the housing and in mesh with the worm gear, an axially shiftable clutch splined to the shaft at one end of the worm within the housing, the worm and clutch be-



ing between the shaft supporting bearings and the adjacent ends of the worm and clutch being toothed, and means extending outwardly of the housing for shifting the clutch.

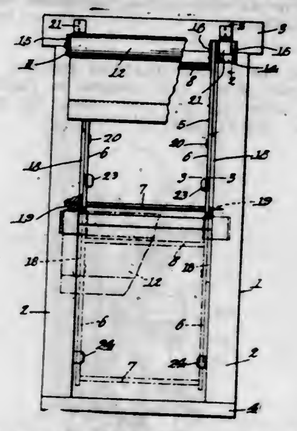
1,573,360. WELDING APPARATUS. PHILIP D. SHOENBERGER, San Mateo, Calif., assignor to Western Pipe & Steel Company, San Francisco, Calif., a Corporation of California. Filed July 23, 1925. Serial No. 45,497. 13 Claims. (Cl. 113—59.)



1. Welding apparatus comprising an automatic welding head, a supporting structure having fixed spaced elements between which said head operates, a pivoted mandrel for supporting a tube to be welded and means for actuating said mandrel so as to clamp the tube supported thereon between it and said horizontal elements.

1,573,361. WINDOW-SHADE SUPPORT. OSCAR C. SIMMONS, Dallas, Tex. Filed Apr. 2, 1925. Serial No. 20,219. 1 Claim. (Cl. 156—27.)

In a device of the class described, a carrier frame having its upper and lower edges free, the frame being provided with mechanism for supporting a window hanging, radius arms pivoted to the frame intermediate the ends of the frame, and means for pivotally mounting the radius arms on a window casing at a point about midway between the upper and lower ends of the casing, the radius arms extending upwardly from said means when the frame is elevated enough to dispose said mechanism at the top of a window casing, the radius arms being of



such length, and said means being so located, that when the frame is swung downwardly, practically all of the upper half of the casing will be uncovered.

1,573,362. CHILD'S TOY AND EXERCISER. COLUMBUS D. STOVALL, Lexington, Ky. Filed June 18, 1925. Serial No. 38,077. 3 Claims. (Cl. 272—57.)



1. A toy and exerciser of the character described comprising a pair of bodies each adapted to be held in a child's hands, each body having a somewhat globular handle fitting the child's hands, a more or less contracted neck below the handle, and an enlarged foot or base having a lower surface disposed in a single plane and adapted to engage the ground.

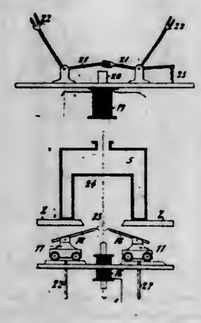
1,573,363. TRAFFIC SIGNAL. OSVAL R. STRAWN, Columbus, Ohio. Filed June 20, 1923. Serial No. 646,499. 1 Claim. (Cl. 177—329.)



A traffic signal comprising a sleeve, means for attaching the sleeve to a vehicle, said sleeve having its outer end provided with a flange, a semaphore comprising a pair of plates having their rear ends formed with channels for engagement with said flange, a collar located in the sleeve and having an annular rim for engaging the channels of said frames, a clamping ring engaged with the joint formed by the channel and rim, translucent

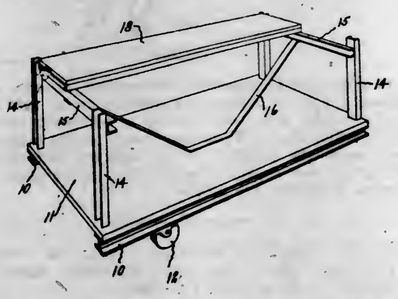
plates clamped between the said frames and disposed in spaced relation, a lens carried by the collar, a lighting element in the sleeve, the rays from which pass through the lens to the space between the plates, and for the purpose set forth.

1,573,364. BUILDING HEATING DEVICE. UMBERTO VALENTINI, Rome, Italy, assignor to Lamberto Lombardi. Filed Apr. 21, 1923. Serial No. 633,815. 4 Claims. (Cl. 219—38.)



1. In a heating apparatus, a boiler including a bottom provided with a heating chamber, an electric arc producing device arranged in said chamber to heat said boiler, and electromagnetic means so arranged with respect to the electric arc producing device as to deflect the arc in the direction of the boiler.

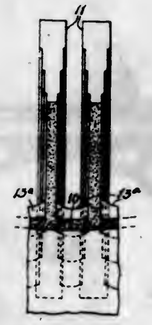
1,573,365. TRUCK. HARLEY C. WOOD, Chicopee Falls, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed May 15, 1925. Serial No. 30,431. 3 Claims. (Cl. 214—1.)



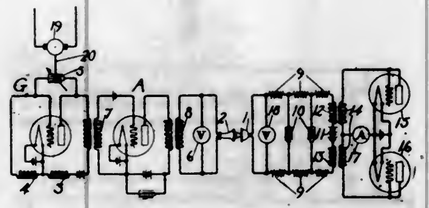
1. A truck having a main platform, presenting a surface for piling material, a super-structure including a transverse track, and a platform substantially half the width of the main platform and mounted for lateral movement on said track from one side to the other of the truck, said movable platform also presenting a piling surface.

1,573,366. DAM CONSTRUCTION. PIERRE ZUCCO, San Francisco, Calif. Filed Aug. 1, 1922, Serial No. 578,871. Renewed Dec. 15, 1925. 3 Claims. (Cl. 61—32.)

1. A concrete dam comprising an angularly disposed pressure wall decreasing in thickness from the bottom to the top, a plurality of buttresses on the rear side of the wall vertically disposed, interspaced and integral with the pressure wall, and a plurality of superposed, interspaced horizontally extending ribs disposed between the buttresses and integral with the rear face of the pressure wall and the buttresses, said ribs forming horizontal arches between the buttresses which decrease in span, said spans being longest at the top and decreasing in span towards the bottom of the dam.



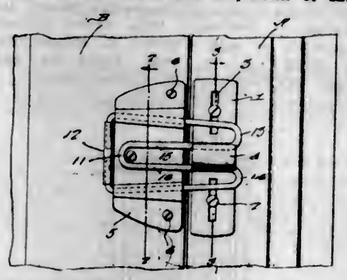
1,573,367. METHOD OF GENERATING AN ALTERNATING CURRENT OF VARIABLE FREQUENCY. HAROLD DE FOREST ARNOLD, Maplewood, N. J., and JOHN P. MINTON, White Plains, N. Y., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Original application filed Nov. 12, 1917, Serial No. 201,565, now Patent No. 1,426,807, dated Aug. 22, 1922. Divided and this application filed Sept. 8, 1920. Serial No. 408,843. 6 Claims. (Cl. 250—36.)



1. The method of operating an oscillator which is adapted to generate a continuous wave of a single frequency and which includes a frequency determining oscillation circuit, which comprises cyclically and continuously varying the tuning of said oscillation circuit.

1,573,368. COMBINED DOOR CHECK AND FASTENER. JULIUS E. BARNES, Woodruff, Kans., assignor of one-half to Lawrence O. Flynn, Imperial, Nebr. Filed Sept. 26, 1924. Serial No. 740,037. 1 Claim. (Cl. 292—76.)

A combined door check and fastener comprising a plate adapted to be adjustably secured to a door frame adjacent the door contacting edge thereof, the intermediate portion of said plate being bent upon itself to provide a cylindrical head and an adjoining web forming a keeper, an additional plate adapted to be secured to a door for cooperation with the first mentioned plate, said additional plate having transverse channels formed therein and a retaining flange formed on one edge, and a wire fastener comprising a single strand of wire bent intermediate its ends to provide a U-shaped portion for coaction with said keeper and a portion of said door

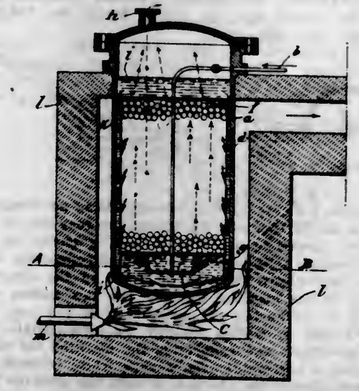


plate, the free end portions of the wire forming arms extending through said channels and having their extremities bent at angles for coacting with said flange.

1,573,369. STORAGE-BATTERY SEPARATOR. RAYMOND C. BENNER, Bayside, N. Y., assignor to The Prest-O-Lite Company, Inc., New York, N. Y., a Corporation of New York. Filed Jan. 21, 1922. Serial No. 530,943. 3 Claims. (Cl. 136—150.)

3. A storage battery separator comprising a fabricated sheet of sulfite wood fibre impregnated with gelatinous silicic acid.

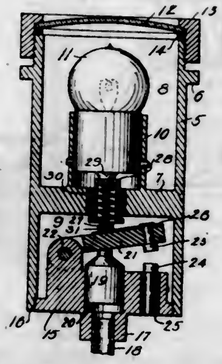
1,573,370. METHOD AND APPARATUS FOR CONTINUOUS DISTILLATION OF TARS AND OILS. ERWIN BLUMNER, Berlin-Charlottenburg, Germany. Filed Apr. 11, 1921. Serial No. 460,573. 7 Claims. (Cl. 196—92.)



1. The method of distilling tars and oils, which include the steps of delivering the tars and oils to the lower portion of a column of hot liquid metal and retarding the upward flow through the metal while maintaining the tars and oils in finely subdivided condition, said upward flow of the tars and oils effecting an upward circulation of the contiguous liquid metal, and permitting a return or down flow of the metal out of the path of the rising tars and oils.

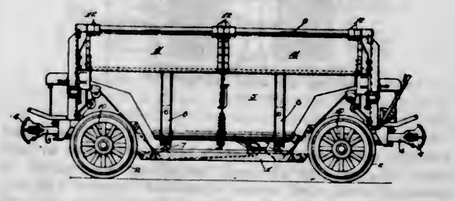
1,573,371. OIL-CIRCULATION SIGNAL. ARTHUR BLOCH, Philadelphia, Pa. Filed Apr. 19, 1921. Serial No. 462,736. 4 Claims. (Cl. 177—311.)

1. In an apparatus of the character disclosed, a casing, a support detachably mounted on said casing, a lever pivoted on said support, a contact carried by said lever, a relatively stationary contact on the support for engagement by the lever carried contact, a pressure actuated element on the support beneath the lever for operating the lever in one direction, a spring bearing on said lever and adapted to move the same in the opposite direction,



a signal element, means mounting said element in said casing, and means forming an electrical connection between said lever-carried-contact and said signal element including a spring bearing on said lever and adapted to move it in the opposite direction.

1,573,372. COVERED DUMP BODY. ROBERT N. BURTON, Oak Park, Ill., assignor to Highway Trailer Company, Edgerton, Wis., a Corporation of Wisconsin. Filed May 15, 1925. Serial No. 30,520. 9 Claims. (Cl. 298—23.)

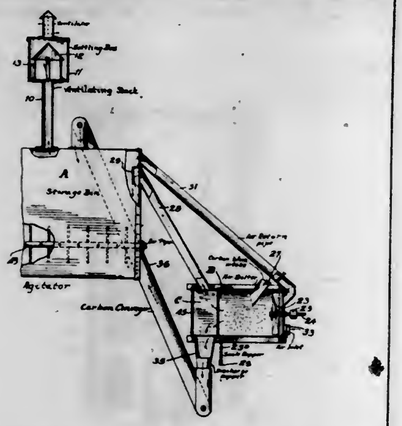


1. In combination with a vehicle frame, an upwardly open hopper body mounted thereon for rolling to dumping position, a cover for the body supported independently of the body on the vehicle frame and means for raising and lowering the cover at will independently of the position of the body.

1,573,373. PROCESS AND APPARATUS FOR BOLTING CARBON BLACK. WALTER C. CASSELL and CARL K. SPRINGFIELD, Breckenridge, Tex., assignors of one-half to The Texas Carbon Industries, Inc., Breckenridge, Tex., a Corporation of Delaware. Filed June 27, 1925. Serial No. 40,045. 14 Claims. (Cl. 209—25.)

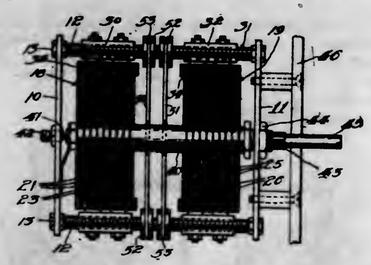
8. An apparatus for bolting carbon black including a bolting chamber having a finely divided screen intersecting the chamber, a fan having a diameter approximately

that of the chamber and causing an air blast longitudinally through the entire cross sectional area of the chamber and through the entire area of said screen,



means for discharging carbon black into said chamber in front of the fan and means for collecting the carbon black which has passed through said screen.

1,573,374. RADIOCONDENSER. PAUL A. CHAMBERLAIN, Chicago, Ill., assignor, by direct and mesne assignments, to Electrical Dealers Supply House, Inc., Chicago, Ill., a Corporation of Illinois. Filed July 2, 1924. Serial No. 723,617. 12 Claims. (Cl. 250—41.)

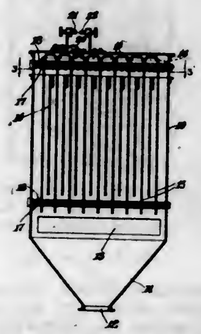


1. In an apparatus of the class described, a condenser provided with capacity elements movable relative to each other, one of said elements comprising a plurality of insulated units, and means interposed between adjacent units and conductively connected to the other of said elements, and adjustable in position relative to said insulated units to vary their respective capacity ratios.

1,573,375. PROCESS FOR MANUFACTURING COLLOIDAL COMPOUNDS OF ARSENIC. AUGUST CHWALA, Vienna, Austria, assignor to Oderberger Chemische Werke Aktiengesellschaft, Oderberg, Czechoslovakia, a Joint Stock Company of Czechoslovakia. Filed Aug. 20, 1924. Serial No. 733,222. 16 Claims. (Cl. 252—6.)

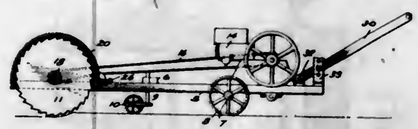
1. In the art of producing colloidal compounds of arsenic the step which consists in mechanically dispersing the arsenic compound in presence of protective colloids and of salts of metallic acids derived from higher oxides of a metal combining with oxygen in several proportions, the said oxides having the property of forming acids.

1,573,376. POWDER COLLECTOR. WALTER H. DICKERSON, East Orange, N. J., and WHARTON B. MCLAUGHLIN, New York, N. Y.; said Dickerson assignor to Industrial Waste Products Corporation, Dover, Del., a Corporation of Delaware; Celia Brown McLaughlin administratrix of said Wharton B. McLaughlin, deceased. Filed Apr. 11, 1923. Serial No. 631,480. 7 Claims. (Cl. 183—7.)



1. A collector for finely divided charged particles suspended in a gaseous medium, comprising a casing provided with an inlet and outlet for the gaseous medium, and an uncharged electric condenser within said casing to collect the particles suspended in the gaseous medium passing thru the collector and to remove from said particles charges of electricity.

1,573,377. ICE-CUTTING, TIMBER-FRAMING, AND WOOD-SAWING MACHINE. STANLEY DIEHL, Bedford, Pa. Filed Apr. 22, 1924. Serial No. 708,202. 1 Claim. (Cl. 262—20.)

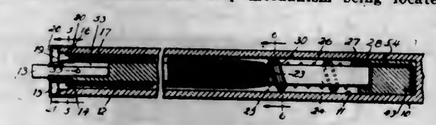


A portable ice cutting machine comprising an elongated frame, an ice cutting saw carried by the rear end of the frame and spaced to one side thereof, a motor on the forward portion of the frame and having connection with said ice cutting saw to turn the same in the direction of travel of the machine whereby the saw assists substantially in advancing the machine from the rear end thereof, a pair of wheels beneath the intermediate portion of the frame and supporting the machine for movement about a horizontal axis, a gage wheel between the first-named wheels and the saw to hold the machine in a predetermined position and cooperating with the first-named wheels in rendering the machine mobile over land and ice, and an operator's handle at the forward end of the machine for guiding the machine and tilting the same from a position on the uncut ice.

1,573,378. AUTOMATIC STOP ROLLER FOR SHADES. OTTO E. EDSTROM, Chicago, Ill., assignor to Illinois Patents Corporation, Cary, Ill., a Corporation of Illinois. Filed Jan. 15, 1923. Serial No. 612,579. 2 Claims. (Cl. 156—36.)

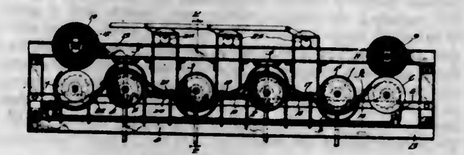
1. In a device of the character described, a shade roller having an axial recess in one end, a spindle disposed in said recess, pawl and ratchet mechanism between said roller and spindle, a rewind spring on said spindle connected thereto and to said roller, yielding stop

mechanism including a helical member on said spindle connected to rotate with said roller, and a traveling member driven by said roller and moving in a longitudinal slot in said spindle, said stop mechanism being located



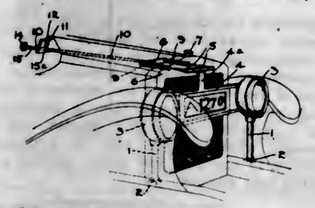
at the inner end of said spindle, the means for connecting said spring and roller being so disposed with relation to the stop mechanism that when the latter reaches its extreme of movement with the shade unwound said pawl and ratchet mechanism will be out of register.

1,573,379. METHOD OF AND APPARATUS FOR DRYING WOOD VENEER. ARMIN ELMENDORF, Chicago, Ill. Filed Dec. 20, 1922. Serial No. 607,927. 6 Claims. (Cl. 34—48.)



2. The method of drying veneer which consists in laying on the first roll of a series of feed rolls driven at the same speed a roll of veneer wound in such direction that the veneer will be unwound by the frictional action of the said first feed roll and be advanced toward the second feed roll, causing the veneer to take a curved form between adjacent feed rolls, and applying heat during the passage of the veneer.

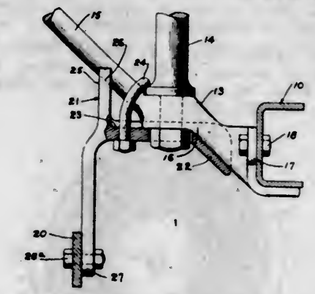
1,573,380. MOUNTING AND MEANS FOR TILTING VEHICLE HEADLIGHTS. FRANK GEORGE EVANS, New Plymouth, New Zealand. Filed Sept. 17, 1924. Serial No. 738,298. 2 Claims. (Cl. 240—61.)



1. Means for the purpose described, comprising, at least two lamps pivoted for oscillation in vertical planes, tie means interconnecting the lamps, an upstanding bracket connected to the center of the tie means, a round operating rod, a fork carried at one end of the operating rod and pivoted to the bracket, and an operating handle at the other end of the rod, a support slidably receiving the fork, springs sleeved on the tines of the fork and biasing the rod in one direction, a key hole slotted member slidably receiving the rod, and a plurality of flattened portions on the rod for cooperating with the key hole slot to hold the rod in fixed position.

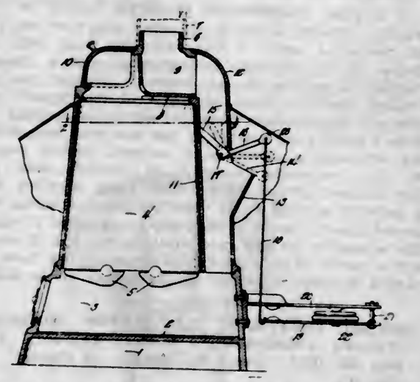
1,573,381. BUMPER BRACKET. ROLLIN B. FAGEOL, Los Angeles, Calif., assignor to American Chain Company, Inc., Bridgeport, Conn., a Corporation of New York. Filed June 10, 1925. Serial No. 36,098. 4 Claims. (Cl. 293—55.)

1. A bumper mounting adapted to be anchored to an inclined fender supporting arm carried by a vehicle frame comprising a fitting formed with recessed seats spaced a distance from each other and within which seats said fender arm is positioned, fastening means engaging the arm on the opposite side from the seats and at a



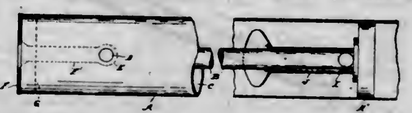
point intermediate the same, whereby the fitting will be rigidly secured to the arm, means carried by said fitting for holding a bumper bracket, and a bumper bracket fastened thereto.

1,573,382. BROODER STOVE. JACOB T. LANDGRAF, Macomb, Ill., assignor to American Steel Products Co., Macomb, Ill., a Corporation of Illinois. Filed June 13, 1925. Serial No. 36,799. 9 Claims. (Cl. 126—58.)



1. In a stove, a heater chamber disposed above an ashpit and below a flue, a duct connecting the ashpit with the flue independent of the heater chamber and having an intermediate air inlet, two dampers respectively controlling the parts of the duct leading from the air inlet to the flue and to the ashpit, and connections for moving the dampers in unison so as to move one damper to its open position while moving the other damper to its closure position.

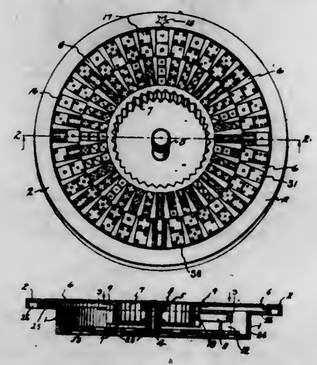
1,573,383. AIR GUN. CHARLES F. LEFEVER, Plymouth, Mich., assignor to Daisy Manufacturing Company, Plymouth, Mich., a Corporation of Michigan. Filed Sept. 22, 1924. Serial No. 739,170. 6 Claims. (Cl. 124—8.)



6. In a device of the character described, a gun barrel, a shot tube extending through said barrel, and having an opening for the admission of shot to said tube, a shot guide mounted upon said tube at one side of said opening, a support for the tube fixed within the barrel

at the other side of said opening, and a collar rigidly carried by the tube for engagement with said support, said shot guide having an integral portion engaged within said collar.

1,573,384. GAME. FRANK J. LIESKE, Detroit, Mich., assignor of one-half to Harry W. Gilberg, Detroit, Mich. Filed Dec. 10, 1923. Serial No. 679,591. 5 Claims. (Cl. 273—142.)

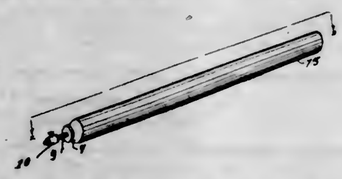


1. A game comprising a receptacle having an outwardly extending flange at its upper edge provided with an indicating mark, a disk extending flush with the flange of the receptacle and provided with a recessed cup-shaped portion at the center, a knurled post extending upwardly from the center of the recessed portion and providing a means for manually rotating the disk, a bearing pin carried by the said post and extending downwardly therefrom, a recessed bearing secured in the receptacle, adapted to receive said pin, the recessed portion of the disk being provided with a series of notches in its outer periphery, a spring supported roller mounted in the receptacle adapted to engage the notches of the disk successively as the disk is rotated and a series of different combinations of disk faces arranged in radial alignment on the surface of the disk.

1,573,385. TREATMENT OF EARTHY MINERALS. WILLIAM FELDENHEIMER, London, England. Filed May 26, 1925. Serial No. 33,051. 16 Claims. (Cl. 252—8.)

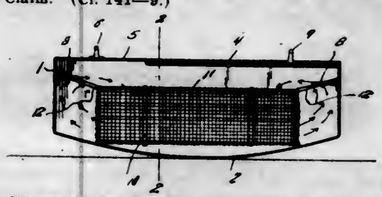
1. The process for improving the colour of earthy minerals which comprises bringing into contact with an aqueous suspension of the sub-divided mineral an acid salt of sulphurous acid in the presence of a metal which reduces sulphurous acid and does not form coloured oxidized salts.

1,573,386. MANDREL. MALETIS FLOYD FIELD, Akron, Ohio, assignor to himself and Alphonso H. Marietta, Akron, Ohio. Filed July 21, 1921. Serial No. 486,415. 3 Claims. (Cl. 18—45.)



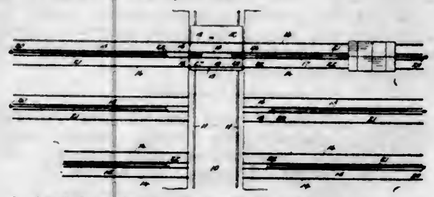
1. In a mandrel for manufacturing inner tubes, a hollow cylinder form; an opening in the wall thereof and a covering arranged thereon and forming a part thereof, said covering comprising a flexible member wound spirally around the tube.

1,573,387. DISHWASHER. SHERMAN Q. FRENCH, Harwarden, Iowa. Filed Aug. 1, 1924. Serial No. 729,526. 1 Claim. (Cl. 141—9.)



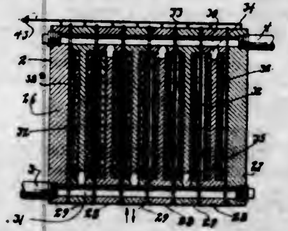
A dish washing apparatus comprising a substantially rectangular elongated tank having a longitudinally curved flat bottom forming a rocking surface, said tank being provided in its top wall and adjacent one end with a comparatively large opening, a slide cover for said opening, a substantially oblong wire dish containing basket insertable and removable through said opening in the tank, said basket being open at its top, a pair of U-shaped handles fastened rigidly to the ends of the basket, means for confining the dishes within said basket, and a pair of pivotally mounted upwardly swinging baffle plates carried by the opposite end walls of said tank, said plates being normally disposed in a horizontal plane above the top of said basket, and the aforesaid handles resting upon said baffle plates, with their bight portions engaging the end walls of the tanks to prevent endwise movement of the basket within the latter.

1,573,388. TRUCK MOVING APPARATUS. GEORGE C. FRIESEN, Dallas, Oreg. Filed June 4, 1925. Serial No. 34,884. 5 Claims. (Cl. 104—50.)



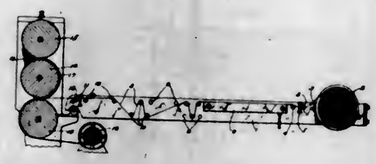
1. Apparatus for shifting trucks from one to another of different tracks and for moving trucks along said tracks comprising a member movable under a truck, means carried by said member automatically engageable with part of said truck when the member is moved under the same whereby the truck then is movable with the member, a car onto which said member and said truck are movable whereby they may be transported from one location to another, and means carried by said car for moving said member.

1,573,389. METHOD OF AND APPARATUS FOR BREAKING EMULSIONS. LEROY G. GATES, Bakersfield, Calif., assignor to Standard Oil Company, San Francisco, Calif., a Corporation of California. Filed May 14, 1925. Serial No. 30,193. 15 Claims. (Cl. 204—24.)



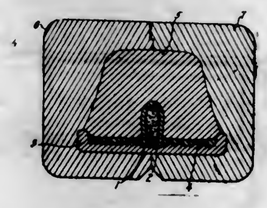
1. A process of breaking emulsions, which includes bringing the particles of the emulsion into intimate contact with and separating them from a medium which is both a conductor of static electricity and is adapted to bring both phases of the emulsion to the same electrical charge, and positively removing the charge imparted to said medium.

1,573,390. MANUFACTURE OF RUBBER-COATED WEFTLESS-CORD FABRIC. ALBERT GESSNER, Jr., Morgantown, W. Va. Filed Aug. 18, 1922. Serial No. 582,771. 4 Claims. (Cl. 154—1.)



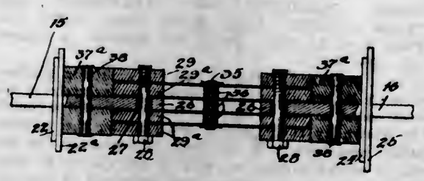
1. An apparatus for making weftless cord fabric comprising a warp beam constituting a supply for a plurality of cords, means for laying the cords in sheet form in parallel relationship, calender rolls for applying unvulcanized rubber thereto and non-rotatable bars, between the source of supplying and the calender rolls, with which the cords are in frictional contact as they are pulled through the apparatus for holding all the cords under equal tension, all the cords being in the same plane.

1,573,391. METHOD OF MANUFACTURING CUSHION TIRES. JOHN M. HIBNER, Detroit, Mich., assignor to Morgan & Wright, Detroit, Mich., a Corporation of Michigan. Filed July 17, 1923. Serial No. 652,005. 8 Claims. (Cl. 18—55.)



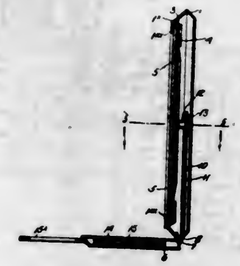
1. That method of manufacturing solid tires of the cushion type which consists in, vulcanizing rubber composition to a one-piece metallic rim with enclosed comminuted material defining an internal cavity formation, and finally removing the material in comminuted form from the vulcanized tire on the rim.

1,573,392. RENEWABLE FUSE ELEMENT. JOHN B. GLOWACKI, Chicago, Ill. Filed Aug. 8, 1923. Serial No. 656,316. 3 Claims. (Cl. 200—135.)



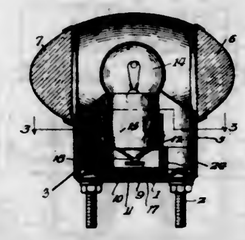
1. A fuse element comprising a plurality of strips of fusible material, and means for permanently securing said strips together in a spaced relationship, with the ends of the strips extending free for individual attachment within a fuse cartridge.

1,573,393. COMBINED MIRROR AND COMPACT HOLDER. CHARLES GOLD and ABRAHAM GOLD, New York, N. Y., assignors to Charles Gold & Brothers, a Copartnership consisting of Charles Gold, Abraham Gold, and Isadore Fogel, New York, N. Y. Filed June 2, 1925. Serial No. 34,311. 2 Claims. (Cl. 132—83.)



1. A vanity case comprising a casing, a bar adapted to slide bodily from one point to another within the casing, a holder pivotally connected to the bar, means for guiding the bar and holder in their movements within the casing, the device being such that when the holder is moved to outer position it may be swung to angular position relatively to the casing.

1,573,394. PARKING LAMP. JAMES J. GOUGH, Chicago, Ill., assignor to Chicago Electric Manufacturing Co., Chicago, Ill., a Corporation of Illinois. Filed July 22, 1925. Serial No. 45,208. 6 Claims. (Cl. 240—8.22.)

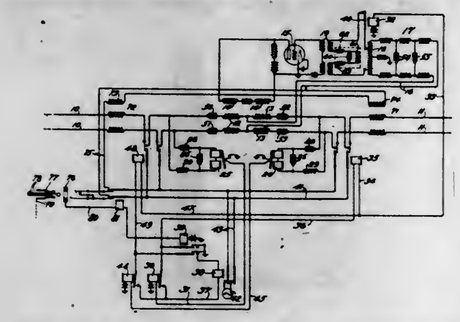


1. In a lighting device of the class described, a metallic casing including a base, a substantially U-shaped bulb holder having its bight secured to the base, a lamp bulb having its base gripped between the arms of the holder, means insulating the holder from the casing, a resilient contact member disposed for engaging the axial terminal of the lamp bulb, and a switching member movably mounted on the casing for movement circumferentially of the latter, the switching member being disposed for engaging the tip of one arm of the holder.

1,573,395. SIGNALING CIRCUITS. EDGAR D. JOHNSON, East Orange, and CHARLES W. GREEN, Wyoming, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Mar. 23, 1921. Serial No. 454,830. Renewed Aug. 14, 1925. 15 Claims. (Cl. 179—4.)

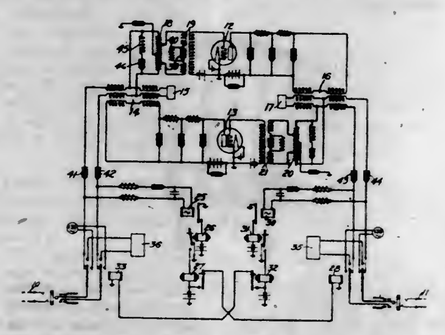
1. In an electric system, two real line sections directly connected without the intermediary of balancing artificial lines, and a repeater station comprising a repeater element, a three-winding transformer having one winding in circuit with one line section, a second winding in circuit with the second line section, and a third winding connected to the output of said repeater element, a

connection from a point intermediate said first two windings to the input of said repeater element, a source of signaling currents other than speech currents at said station, means responsive to signaling currents from one line section for impressing currents from said source



upon said second line section, and an anti-resonant circuit in shunt to said connection to the input of said repeater and tuned to a frequency corresponding to the frequency of said signaling currents whereby currents of said signaling frequency are prevented from being impressed on said repeater.

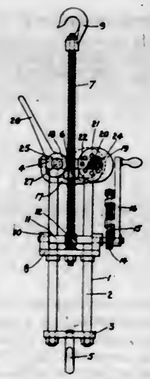
1,573,396. SIGNALING SYSTEM. CHARLES WILLIAM GREEN, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 17, 1921. Serial No. 523,006. 5 Claims. (Cl. 179—15.)



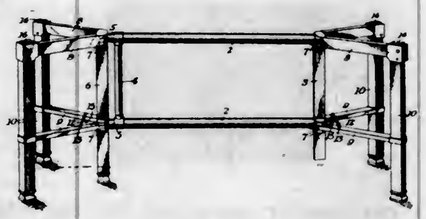
1. In combination, two line sections, a repeater circuit therebetween, a repeater element therein, a transformer in said circuit, means associated with said transformer for causing said element to have a substantially constant amplification over a wide range of frequencies which it is desired to transmit through said repeater, and means for preventing the passage of an undesired frequency through said repeater circuit without appreciably effecting the amplification characteristic of said element for said range of frequencies comprising an inductance and a capacity resonating at the undesired frequency.

1,573,397. ROPE PULLER. JOSEPH OSCAR GRENIER, Vancouver, British Columbia, Canada. Filed Mar. 9, 1925. Serial No. 14,307. 6 Claims. (Cl. 254—67.)

6. A rope puller comprising a frame presenting parallel guide bars connected by suitable end member, a cross head movable on and longitudinally of said guide bars, a pulling screw connected to the cross head and movable longitudinally of the frame through threaded engagement with one of the end members, means for attaching the frame to an anchorage, means for connecting the screw to a rope, a worm gear fixed to the pulling screw within the cross head, a shaft carried by the cross head equipped with a worm opening meshing with the worm gear and, handle means for rotating said shaft.



1,573,398. BIER. BENJAMIN M. GRIFFITH, Pittsburgh, Pa., assignor to National Casket Company, Pittsburgh, Pa., a Corporation of New York. Filed Dec. 29, 1924. Serial No. 758,541. 6 Claims. (Cl. 27—27.)

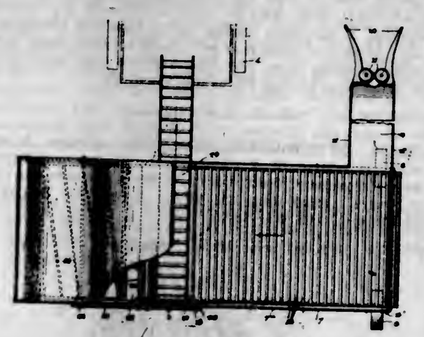


1. A bier, comprising an intermediate portion, uprights at the ends of said intermediate portion adapted to rest on a supporting surface for the bier, brackets on each of said uprights in vertically spaced relation, and oppositely folding legs pivotally mounted in said brackets, substantially as described.

1,573,399. COMBINED CORN HARVESTER AND STALK CUTTER. ABIAH HAYES GUARD, Colfax, Ind. Filed Sept. 1, 1920. Serial No. 407,325. 3 Claims. (Cl. 130—5.)

3. In a combined harvester and stalk cutting machine having its longer dimension disposed transversely to the line of travel, means to connect the machine to a vehicle to be drawn by the latter, a conveyor on the machine operable transversely to the path of travel of the machine to extend beyond one side of the vehicle to there receive stalks, means adjacent the other end of the conveyor to remove ears from the husks, means operable to deliver the ears forwardly, means operable to cut stalks and husks into fertilizer size after removal of the ears, means extending beyond the other side of the machine to guide the cut stalks and husks onto the ground as

fertilizer, a wheel-supported frame for the machine having upright members at the rear, driving means for the different elements of the machine having shafts jour-

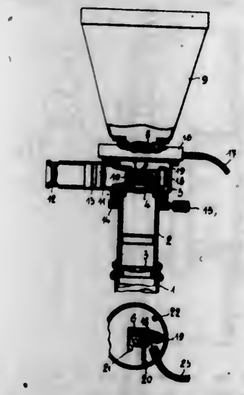


naled in said upright members, a table adjacent said conveyor supported by said upright members, and a stalk-guiding wall at the rear of said table and above said upright members extending above the conveyor.

1,573,400. METHOD OF MAKING ABRASIVE ARTICLES. MINER L. HARTMANN, Niagara Falls, N. Y., assignor to The Carborundum Company, Niagara Falls, N. Y., a Corporation of Pennsylvania. Filed July 13, 1923. Serial No. 651,430. 5 Claims. (Cl. 51—280.)

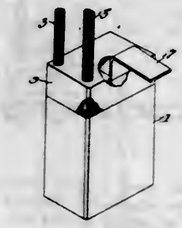
1. In the process of making bonded abrasive articles, the steps consisting in adding to a raw mixture of abrasive grains and bond, comminuted non-volatile organic particles which do not have a tendency to swell up during burning, pressing the mixture to the desired shape, and subsequently effecting removal of the organic particles by burning the shaped article.

1,573,401. PHOTOGRAPHIC CAMERA. HERMANN HEINS, Wetzlar, Germany, assignor to the Firm Ernst Leitz, Optische Werke, Wetzlar, Germany. Filed May 20, 1924. Serial No. 714,731. 6 Claims. (Cl. 95—42.)



1. Photographic camera having a photo lens adapted to be placed behind an optical instrument provided with an eyepiece, and reflecting means disposed in front of said photo lens and adapted for observing the object to be photographed.

1,573,402. CONDUCTIVE BRUSH AND METHOD OF SECURING ATTACHMENTS THERETO. ALBERT F. HERMAN, Cleveland, and HORACE S. ELLSON, Lakewood, Ohio, assignors to National Carbon Company, Inc., a Corporation of New York. Filed May 19, 1924. Serial No. 714,496. 11 Claims. (Cl. 171—326.)



4. In combination with a conductive brush having an electroplated coating on a portion of its surface, a metallic cap having its inner surface coalesced with the coating, and a flexible conductor having an end embedded in said cap.

1,573,403. PRICE CARD OR TICKET. HERMANN HOPP and LEO HOPP, New York, N. Y., assignors to Hopp Press, Inc., New York, N. Y., a Corporation of New York. Filed June 13, 1925. Serial No. 36,788. 3 Claims. (Cl. 40—5.)

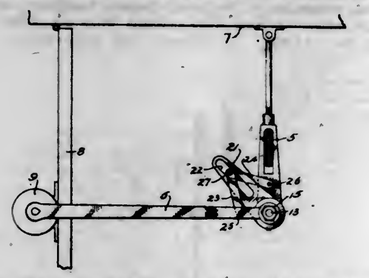


1. A price display system comprising two cards adapted for use in combination with each other, printed matter upon each of said cards which when the cards are used together forms a portion of a complete readable legend, and a plurality of tabs formed in one of said cards, one edge of one of said cards being adapted to underlie one or both of said tabs to retain the cards together, and both of said tabs carrying printed matter to be employed in combination with the printed matter of said cards to form a complete readable legend.

1,573,404. FRICTION DOOR HOLDER. NORMAN B. HUBD, New Britain, Conn., assignor to The American Hardware Corporation, New Britain, Conn., a Corporation of Connecticut. Filed July 15, 1925. Serial No. 43,722. 3 Claims. (Cl. 16—65.)

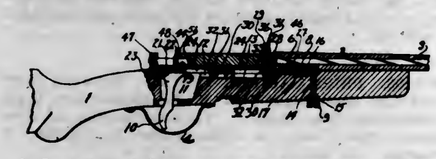
1. In a friction door holder, a pair of arms having friction faces thereon, a friction block adapted to frictionally engage said faces, a bolt connecting said arms and in screw threaded engagement with said friction block whereby when the bolt and friction block are rela-

tively rotated in one direction, the block will contact with the friction face on one arm and, when rotated in the opposite direction, the block will contact with the



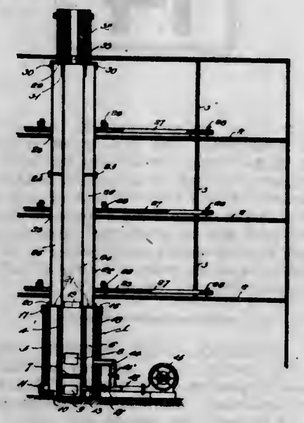
friction face on the other of said arms, and means for causing said block to rotate at a different speed than said arms as the latter are swung to and fro.

1,573,405. GUN. GEORGE S. LEWIS, Springfield, and EARL B. SMITH, Chicopee Falls, Mass. Filed Apr. 1, 1925. Serial No. 19,837. 19 Claims. (Cl. 42—16.)



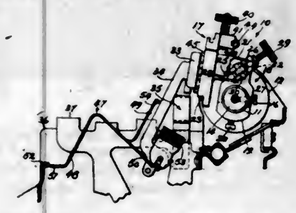
1. In a gun, a frame equipped with a sear, a breech-block slidingly mounted on said frame, and a spring-pressed firing-pin bolt in said breech-block, said bolt having therein arresting and cocking notches, and said breech-block being provided with a member which closes the entrance to said cocking notch except when said bolt is drawn back into firing position.

1,573,406. COMBINED CHIMNEY, FURNACE, AND VENTILATOR. EDWARD DUDLEY LEWIS, Elmira, N. Y. Filed Feb. 12, 1925. Serial No. 8,763. 4 Claims. (Cl. 126—99.)



1. A heating system comprising a furnace having spaced inner and outer walls and an air inlet into the space between said walls, means within the inner wall permitting heating thereof to in turn heat the air between the two walls, an outer pipe rising from the outer wall and adapted for passage through an opening or openings in the floor or floors of the building in which the system is used, an inner pipe within said outer pipe in spaced relation with the latter and rising rigidly from the aforesaid inner wall to form an exhaust gas escape therefrom, a cap plate resting on at least the outermost of said pipes and connected with both of said pipes, and a chimney rising from and supported by said cap plate, said outer pipe having air escape openings.

1,573,407. TYPEWRITING MACHINE. JOSEPH LINDBURG, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Jan. 31, 1924. Serial No. 689,633. 16 Claims. (Cl. 33—183.)



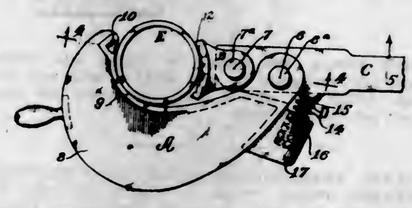
1. A device for positioning type-blocks on pivoted type-bars of a revoluble-platen typewriting machine, comprising a main bracket, supporting means on which said bracket is adjustable in a plane at right angles to the platen axis, an anvil-guide-support adjustable angularly, forwardly, or rearwardly on said main bracket in a plane at right angles to the platen axis, an anvil mounted for up-and-down adjustment thereon, and means on the anvil-guide-support to guard against accidental removal from said main bracket and to facilitate assembling and dismounting thereof, said device being positionable at the printing point and adjustable to cause the face of a type-block to lie flat on the anvil and in correct printing alignment upon operation of a type-bar to carry the type-block against the anvil.

1,573,408. SUCKER-ROD FISHING TOOL. HERMAN R. LLOYD and JACK E. REYNOLDS, Taft, Calif. Filed May 13, 1925. Serial No. 30,004. 1 Claim. (Cl. 294—90.)



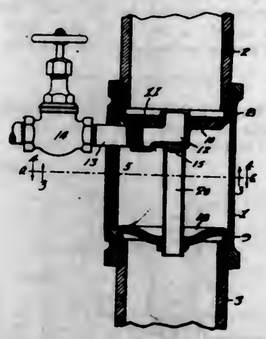
A sucker rod fishing tool of the class described including a casing, a fixed slip, and a movable slip, said casing including an upper portion arcuate in cross section, and a lower portion circular in cross section, said upper portion having a longitudinally extending slot disposed on the median dimension thereof, said fixed slip being fixed in the cylindrical portion opposite to the slot, said fixed slip being arcuate in cross section and having its upper portion of the longitudinal edge cut away to form dove tailed shoulders, said movable slip being arcuate in cross section and provided with an elongated body having an enlarged head formed on its lower end thicker than the body to provide an interior shoulder, the lower edge of the head being dove tailed to form shoulders for co-operating with the shoulders on the fixed slip, an element projecting from the body of the movable slip into the slot for movably mounting the movable slip in the casing.

1,573,409. TUBING TONGS AND WRENCH. THEODORE L. LYNCH and LUTHER P. NICHOLSON, Oxnard, Calif. Filed Oct. 24, 1921. Serial No. 509,964. 4 Claims. (Cl. 81—91.)



1. A device of the character disclosed, comprising a handle member, a jaw pivotally connected with the handle member at the inner end thereof, a second jaw pivotally connected with the handle member at a point on the handle member outward of the point of pivotal connection of said first named jaw, the second named jaw having an impingement zone at which it engages the work, such impingement zone lying in part approximately in a line common to the points of pivotal mounting of both of said jaws; there being a work-engaging projection at said part of said impinging zone and yielding means for moving one of said jaws into engagement with the work.

1,573,410. TEST FITTING. FRANK E. MCCABE, Chagrin Falls, and MICHAEL L. ROSHETKO, Cleveland, Ohio, assignors to The Grabler Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Feb. 7, 1923. Serial No. 617,465. 3 Claims. (Cl. 137—77.)



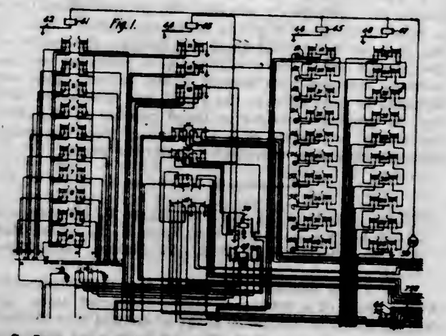
1. A test fitting of the character set forth comprising a shell designed for connection at opposite ends with conduit sections and having an opening in its side, an annular seat extending about the interior of the shell between said opening and one end of the shell, an abutment portion opposed to the seat and situated between the aforesaid opening and the opposite end of the shell, a disk insertable through said opening for engagement with the seat, said disk having a central boss, a base insertable through the opening for engagement with the said abutment portion, a tubular post having screw connection with the base centrally thereof and arranged to receive the boss of the disk, and means for introducing a testing fluid into the conduit beyond the side of the disk adjacent said seat.

1,573,411. MEANS FOR DRAINING WELL TUBING PREPARATORY TO PULLING SAME. WILLIAM H. MCKISSICK, Tulsa, Okla. Filed Mar. 29, 1924. Serial No. 702,777. 7 Claims. (Cl. 103—221.)



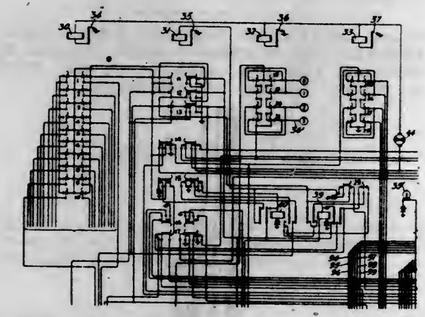
1. A drain device for well tubing comprising a body portion having a through passageway and to which sections of a well tubing are adapted to be applied, the body portion having a branch port leading from the through passageway, a ball valve controlling the port, an actuator ball adapted to project through said port into the passageway, and a member adapted to be positioned within the passageway for engaging the actuator ball and through the intervention thereof remove the ball valve from its seat.

1,573,412. AUTOMATIC TESTING SYSTEM TO TEST AUTOMATIC SWITCHES. HARRY W. MACDOUGALL, East Orange, and ARNOLD S. BERTELS, Tenafly, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 3, 1923. Serial No. 666,216. 55 Claims. (Cl. 179—175.)



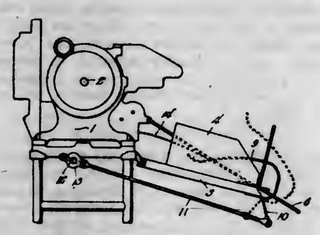
8. In a system for testing groups of automatic switches, means to automatically and progressively select particular combinations of said groups, and means to successively test the automatic switches included in the selected combinations.

1,573,413. AUTOMATIC TESTING SYSTEM TO TEST AUTOMATIC SWITCHES. HARRY W. MACDOUGALL, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 19, 1923. Serial No. 675,525. 58 Claims. (Cl. 179—175.)



27. In a system for testing groups of apparatus, a selector, means for controlling said selector to select one of said groups, automatic means to successively test each apparatus in the selected group, and means to successively apply a plurality of different conditions of test to each apparatus.

1,573,414. STATIC ELIMINATOR. GEORGE H. MAHONEY, Chicago, Ill., assignor to Chicago Engineering Works, Inc., Chicago, Ill., a Corporation of Illinois. Filed Nov. 20, 1924. Serial No. 751,005. 6 Claims. (Cl. 171—86.)

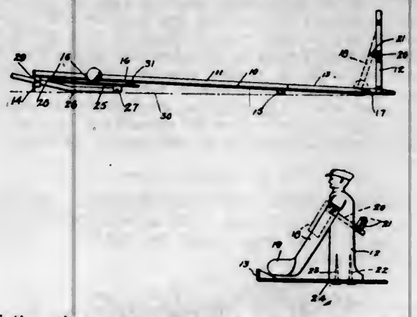


1. The combination with a printing device having means for successively ejecting the printed sheets over a delivery table, of a guard above the delivery table in the path of the ejected sheet for limiting the height of the ejected sheet above said table, a grounded member movably mounted with respect to the delivery table and disposed in proximity to the guard, and means for moving the grounded member in timed relation to the ejecting means to depress each sheet away from the guard after the sheet has been ejected under the guard.

1,573,415. TOY GOLF GAME. BRAM P. MENDES and JACOB LUDWIG LANNERS, New York, N. Y. Filed Mar. 9, 1925. Serial No. 14,018. 13 Claims. (Cl. 273—121.)

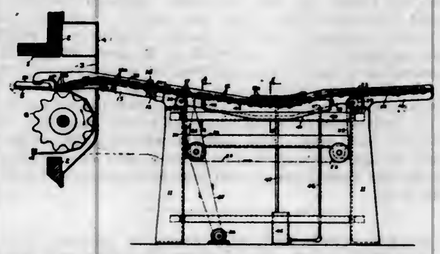
2. In a toy adapted for indoor use, the combination with a field, of a miniature player supported along said field so as to be rotatable about a vertical axis thereof, said player being provided with a club mounted thereupon for swinging movement so as to strike and project a ball along said field, said club being mounted upon a pin rotatably mounted upon said player, and slidable longitudinally thereof within its bearing.

3. In a toy, the combination with a ball and a field therefor, said field having a plurality of holes to receive said ball against movement along the field, of release means mounted beneath said field and in spaced parallel



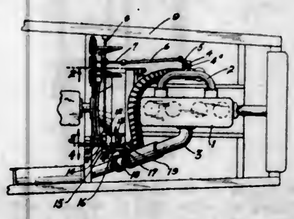
relation thereto, and means for raising said release means into contiguity to said field to raise said ball caught within one of said holes and permit the same to roll out upon the field.

1,573,416. FEEDING MECHANISM FOR CONTINUOUS BAKING OVENS. FRANK P. NISTLE, Intervilla, Pa. Filed July 17, 1924. Serial No. 726,421. 5 Claims. (Cl. 107—57.)



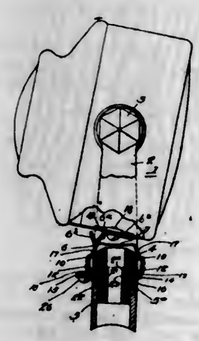
1. Apparatus for continuously delivering pretzels or like dough shapes to an endless belt oven hearth; comprising a receptacle for treating liquid, and a feed platform made up of feed rolls which have their feeding surfaces positively rotated in the same direction and at the same speed; a series of said rolls forming a lowered feed section arranged to dip into said receptacle.

1,573,417. ENGINE-COMPRESSION-BRAKE APPARATUS. HARRY H. NOLEN, San Diego, Calif. Filed Aug. 26, 1924. Serial No. 734,215. 5 Claims. (Cl. 188—99.)



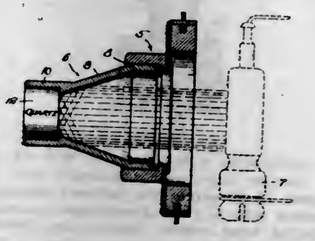
1. In an engine-compression brake apparatus for vehicles, an air intake valve in connection with the intake means of the engine of said vehicle for admitting air to said intake means, said air intake valve being disconnected and operable independently from the conventional throttle valve of the engine, an exhaust shut-off valve positioned in the exhaust line of said engine, and means in connection with said valve for slightly opening said air intake valve prior to the closing action of said shut-off valve.

1,573,418. RANGE-LIMITING DEVICE FOR SEARCHLIGHTS. JOHN K. OLSEN, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed Jan. 24, 1923. Serial No. 614,558. 8 Claims. (Cl. 240—61.)



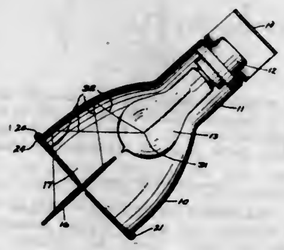
1. The combination with a swiveled support, a base therefor, and a lamp body pivotally mounted in the support, of a stop on the lamp body, a co-acting stop member resiliently mounted on the support, and means whereby the last mentioned stop member will be either yielding or unyielding to motion of the lamp-body stop, according to the angular position of the lamp body support upon said base, said means including an extension of said stop member, and a member having fixed relation to said base for contacting said extension in a manner to prevent yielding motion of said stop.

1,573,419. APPLICATOR FOR THERAPEUTIC LAMPS. LEOPOLD BRUNELLE PAMBRUN, San Francisco, Calif. Filed June 12, 1922. Serial No. 567,574. 2 Claims. (Cl. 174—177.)



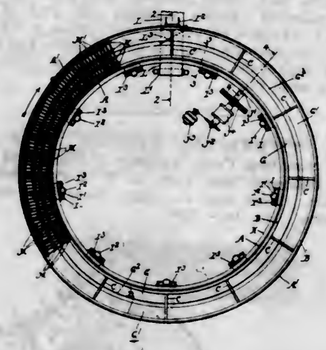
2. A device of the class described comprising a source of light, a frame associated therewith, a holder embodying two cylindrical portions of different diameters and a tapered portion between the cylindrical portions, the entire inner portions of the holder being polished to reflect light entering through the larger cylinder, and a quartz body of uniform diameter within the smaller cylinder and terminating at the tapered portion thereof, whereby to receive in its end all the rays, both direct and reflected, projected into said holder.

1,573,420. ELECTRIC FIXTURE. PAUL D. PHILLIPS, Elmhurst, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed June 5, 1922. Serial No. 565,942. 2 Claims. (Cl. 240—103.)



1. The combination with a lamp and a reflector surrounding said lamp, of a glare shield, said lamp and reflector being so positioned and constructed that a substantial portion of the reflected light is reflected back toward the axis of the reflector, said shield being substantially flat and lying substantially in an axial plane of the reflector and having an extent substantially just sufficient to intercept all of the rays which are reflected back toward the axis of the reflector, whereby no reflection of the lamp in the reflector will be visible, said lamp being set well back from said reflector and said shield having a substantial portion inside the reflector and a substantial portion outside the reflector.

1,573,421. CASTING-HANDLING MACHINE. AXEL G. J. RAPP, Chicago, Ill., assignor to Link-Belt Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 11, 1923. Serial No. 611,988. 8 Claims. (Cl. 209—350.)

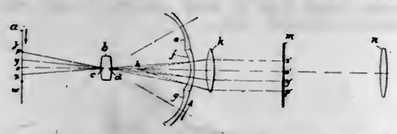


1. In combination in a casting handling machine an annular table adapted to support castings and provided with passages therethrough to permit material from the castings to pass downward mounted for rotary movement, an annular hopper beneath said table fastened thereto, there being an extended open space inside of said table substantially free from obstructions.

1,573,422. MOTION-PICTURE MACHINE. WILLIAM SALORTO, Lancaster, Pa. Filed Mar. 17, 1924. Serial No. 699,619. 4 Claims. (Cl. 88—16.8.)

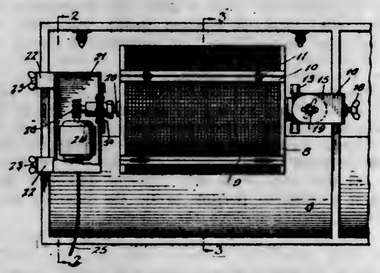
1. In a motion picture machine, the combination of a continuously movable film, a fixed objective lens on front of the film having front and rear nodal points, a con-

tinuously rotatable series of spherical lenses which travel in front of the fixed objective lens, and a fixed focusing lens in front of said path of travel of the rotatable



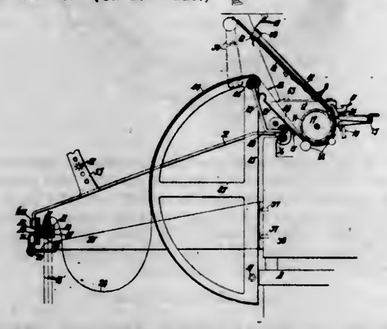
lenses; the rotatable lenses being aplanatic and all of which have a common aplantic point which is coincident with the axis of rotation of the rotatable lenses and with the front nodal point of the objective lens.

1,573,423. WASHING MACHINE. KLARA PAULINE AUGUSTE SCHULTZ and LOUIS WUEST, Brooklyn, N. Y. Filed July 22, 1925. Serial No. 45,196. 1 Claim. (Cl. 68—18.)



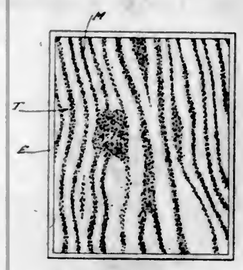
A washing machine having a rotatable drum provided with trunnions, a watertight casing having a bearing supporting one of said trunnions, a gear fixedly secured to the end of said trunnion within said casing, an electric motor within said casing provided with a shaft having a worm mounted thereon engaging the gear of said trunnion, a standard supporting said casing, a standard supporting the opposite trunnion of said drum, and means connected with said standards adapted to clamp the walls of a wash tub.

1,573,424. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed May 21, 1923. Serial No. 640,315. 17 Claims. (Cl. 197—126.)



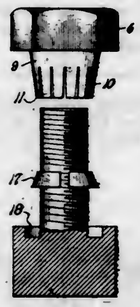
1. A typewriting machine of the character set forth, including a revoluble line-spacing platen mounted permanently in typing position, means for holding in fixed position, relatively to the platen, the rear ends of carbon-sheets interleaved between the slack plies of work-web, and a slack-take up forming a work-supporting table and movable relatively to the carbon-holding means and the platen, for taking up the slack in the composite web.

1,573,425. PROCESS OF MAKING ARTIFICIAL STONE. CHARLES STEED, Los Angeles, Calif., assignor of one-half to Fred Smith, Los Angeles, Calif. Filed Feb. 19, 1925. Serial No. 10,187. 4 Claims. (Cl. 41—19.)



1. The herein described method of forming artificial stone, that includes coating particles of a soluble substance with an insoluble coating, imbedding such particles in a plastic body, and then after the plastic body has sufficiently set, breaking the said coatings and dissolving away the soluble particles.

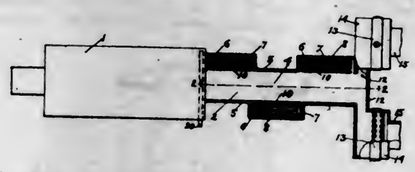
1,573,426. INTERLOCKING NUT AND BOLT. AUGUSTA M. STOCK and ROBERT STOCK, Cleveland, Ohio. Filed Apr. 9, 1925. Serial No. 21,987. 2 Claims. (Cl. 151—2.)



1. In combination, a bolt provided with an undercut head, a movable taper washer mounted upon the bolt and adapted to fit within the undercut portion and a nut provided with a yielding extension adapted to be forced by the taper member against the undercut portion of the head.

1,573,427. UTILIZATION OF WASTE HEAT OF FURNACE GASES. HARRY HOWARD STOUT, Douglas, Ariz. Filed Sept. 17, 1920. Serial No. 410,998. 3 Claims. (Cl. 122—7.)

1. In combination with a furnace, a flue adapted to receive hot gasses therefrom, and having a heat-absorbing and heat-radiating side wall, and having a lateral recess opposite said wall and in open communication with the flue passage, steam boiler means in said recess, out of the direct path of such gases through the flue, and adapted to receive heat by radiation from said side wall, and partition means movably mounted adjacent to



the flue and adapted to be moved into position between said recess and said flue, to temporarily shut off said boiler means from the flue.

1,573,428. MEANS OF ARRESTING A SAWMILL CARRIAGE. DANIEL R. TANNER, La Grande, Oreg. Filed Mar. 19, 1921. Serial No. 453,658. 9 Claims. (Cl. 121—45.)



3. In a combined normal and emergency lever mechanism, a normal lever mounted to swing about a fixed axis and having a pivotally mounted handle, an emergency lever mounted on and slidable longitudinally along said normal lever and connected with said pivoted handle and having an emergency acting portion, and a spring connected with said levers to hold the same in normal relative positions under normal stress applied to said handle and yielding under abnormal stress on said handle for movement of said emergency lever into an emergency position.

1,573,429. PRINTING-PLATE HOLDER. EMIL E. THIEL, Cincinnati, Ohio, assignor to The Printing Machinery Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Aug. 22, 1924. Serial No. 733,644. 5 Claims. (Cl. 101—385.)



1. A holding device for printing plates comprising a jaw and a carrier, means for movably mounting the jaw in the carrier, said carrier having spring tongues mounted to extend down along the sides thereof, said tongues turned outwardly at the free ends thereof to act as hold-down devices.

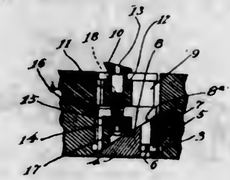
1,573,430. PRINTING-PLATE HOLDER. EMIL E. THIEL, Cincinnati, Ohio, assignor to The Printing Machinery Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Aug. 22, 1924. Serial No. 733,645. 3 Claims. (Cl. 101—385.)

2. In a device of the character described, the combination with a carrier having a base, and interspaced sides, a bearing block, and a jaw, each being pivotally mounted in the carrier, a right and left hand screw



available for turning through the jaw, and right and left hand sockets in the jaw and the bearing block for said screw, for the purpose described.

1,573,431. PRINTING-PLATE HOLDER. EMIL E. THIEL, Cincinnati, Ohio, assignor to The Printing Machinery Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Aug. 22, 1924. Serial No. 733,646. 7 Claims. (Cl. 101—385.)



1. In a device of the character described, the combination with a carrier, having a body to fit in an aperture in a press bed, a jaw held movably in the carrier, the carrier having an inclined base and the jaw provided with a wedge for engagement with the inclined base of the carrier, and means for adjusting said wedge and incline engagement to alter the position of the jaw and carrier.

1,573,432. RENEWABLE FUSE. GEORGE R. TRUMBULL, Bantam, Conn. Filed Aug. 29, 1921. Serial No. 496,322. 17 Claims. (Cl. 200—119.)

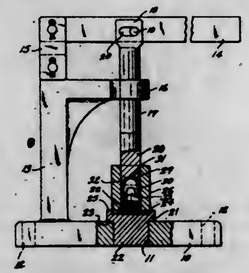


1. In a fuse, a fuse body having end caps thereon with passages for a fuse link, a metallic guard washer within said body and removed a substantial distance from the ends thereof and having a passage for a link, said guard washer having angularly bent spring arms for holding the same within the body, a fuse link extending through the passages and means for making contact with the fuse link at the ends of the body.

1,573,433. WAX-FORM COMPRESSOR FOR INDIRECT INLAY SYSTEMS. ROY E. TUTHILL, Bridgeport, Conn. Filed May 28, 1925. Serial No. 33,451. 7 Claims. (Cl. 18—16.)

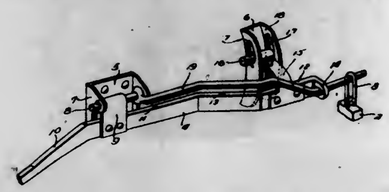
1. In a device for making wax forms for inlays, a holder for inlay wax, a block, a separate die having a cavity

therein carried by the block, said holder being arranged to confine the wax and guide the block for recip-



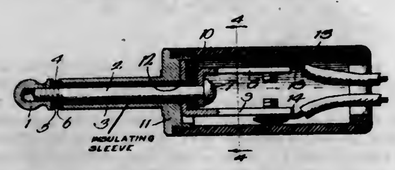
rocatory movement, and means for forcing the die into the wax to cause the wax to fill all parts of the cavity.

1,573,434. COUPLER-LOCK-RELEASING DEVICE. FREDERIC M. WHYTE, Tarrytown, N. Y. Filed Sept. 24, 1924. Serial No. 739,620. 10 Claims. (Cl. 213—159.)



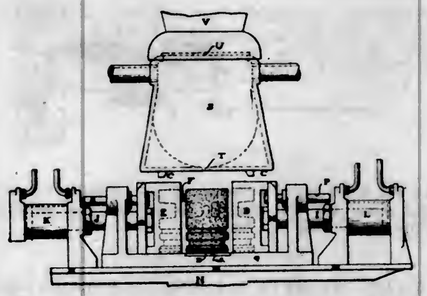
2. A releasing device for car coupler locks comprising a bar adapted to be arranged at one end of the car and to extend transversely thereof, a pair of spaced outer and inner bar-supporting members adapted to be fixed to the car, a pair of spaced outer and inner bar-suspending members carried by the bar, a combined fulcrum and pivotal connection between said outer suspending and outer supporting members, a vertically shiftable pivotal connection between the said inner suspending and inner supporting members, whereby the bar may be swung upwardly about said pivotal connections and may be tilted vertically about said fulcrum connection, and means adapted to flexibly connect the inner end of the bar to the coupler lock.

1,573,435. CONNECTING PLUG. ERNEST E. YAYLEY, Chicago, Ill. Filed May 26, 1924. Serial No. 716,007. 1 Claim. (Cl. 173—361.)



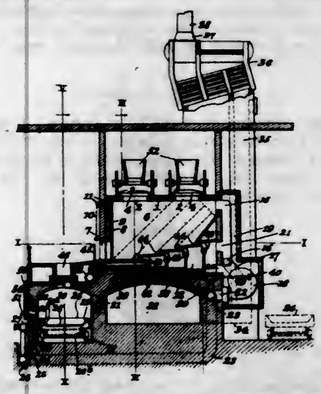
A connecting plug including a tip contact; a sleeve contact aligned with the tip contact, said contacts being spaced apart longitudinally of the sleeve and having opposing cup shaped recesses formed in their adjacent ends; and a spacer of insulation in the form of a ring disposed in said recesses and surrounded by and engaging the rims about the same, said tip contact having a shank passing through the sleeve contact and the spacer and serving to bind said contacts and the spacer in assembly.

1,573,436. METHOD OF MAKING CORES. ALEXANDER ANDERSON, Detroit, Mich., assignor to Earl Holley, Detroit, Mich. Filed Feb. 25, 1924. Serial No. 694,918. 1 Claim. (Cl. 22—194.)



The method of making sand cores, which consists in first mounting the two halves of a two-piece core box, which is open at the bottom, on horizontal guides, connecting pneumatic pistons to said core box halves, whereby the core box is opened and closed automatically, sliding a plate below the core box so as to close the open end thereof, closing the two halves of the core box, blowing sand therein, opening the core box so as to leave the core on said plate, drying the core on the said plate, and finally removing the core from the plate.

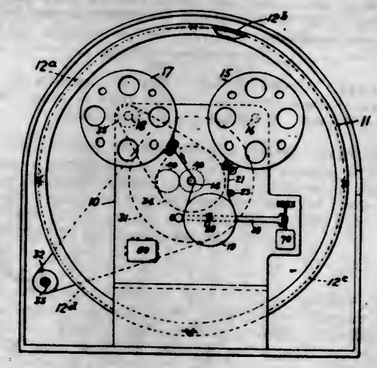
1,573,437. METHOD OF AND APPARATUS FOR THE MOVING OF PILED MATERIALS. ROBERT BALMER, Toronto, Ontario, Canada. Original application filed Sept. 22, 1919, Serial No. 325,431, now Patent No. 1,442,116, dated Jan. 16, 1923. Divided and this application filed Aug. 12, 1922. Serial No. 581,320. 12 Claims. (Cl. 214—17.)



1. In the handling of piled materials, the method of moving such materials consisting in pneumatically expelling a portion of the material at the edge of the base of the slope-face of the pile outwardly and away from said base and creating an avalanche of material down the slope-face of the pile.

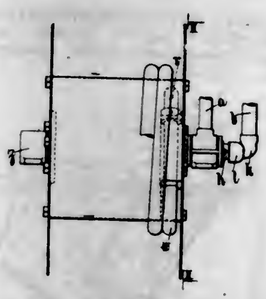
4. In a storage bin for storing and moving refuse piled therein, a discharge opening at the front of the bin, a floor comprising a horizontal part adjacent the discharge opening and a stepped part extending therefrom toward the back of the bin, the treads of the stepped part successively overhanging at the side toward the discharge opening, the plane of the treads being inclined slightly downward toward the horizontal part of the floor.

1,573,438. METHOD OF PROJECTING MOVING PICTURES AND MOVING-PICTURE-PROJECTING MACHINES. SAMUEL BARDY, Philadelphia, Pa., assignor, by mesne assignments, to Bardy Projector Co., Philadelphia, Pa., a Corporation of Delaware. Filed Mar. 8, 1921. Serial No. 450,575. 7 Claims. (Cl. 58—16.8.)



1. The method of projecting pictures comprising passing a film having successive pictures in a continuous manner between a source of light and a relatively fixed lens system, moving a compensating lens system in timed relation to the pictures on the film to compensate for the moving film, and adjusting the lens systems with relation to each other and the film during the movement of the film to compensate for variations in the size of said pictures.

1,573,439. REEL FOR DOUBLE-HOSE LINES. HOWARD EDWIN BEDFORD, London, England, assignor, by mesne assignments, to Pyrene Manufacturing Company, Newark, N. J., a Corporation of Delaware. Filed June 17, 1925. Serial No. 37,814. 7 Claims. (Cl. 299—78.)



1. A hose reel comprising a drum, side plates to said drum, journals extending beyond the drum at each end thereof, one of said journals having two separate and independent passages formed therein for the reception and delivery of two separate liquids.

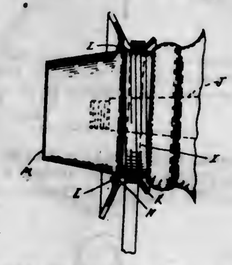
1,573,440. OUTLET FITTING. REUBEN B. BENJAMIN, Chicago, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 21, 1917. Serial No. 203,078. 4 Claims. (Cl. 173—330.)

1. An electrical connector device comprising an insulating arch-shaped support, wing portions extending laterally from the central portion of said arch, two wiring terminals, one supported by each wing portion, and two



contact members, one connected with each wiring terminal and each having a contact portion embraced by the arch.

1,573,441. ANCHORAGE DEVICE FOR VEHICLES. WILLIAM W. BLAKELY, Detroit, Mich. Filed May 12, 1924. Serial No. 712,725. 7 Claims. (Cl. 188—32.)



1. In a vehicle anchorage device, a replacement member for the dust cap of a wheel hub, a tie member engageable with said replacement member and a temporary dust cap detachably engageable with said replacement member.

1,573,442. DRAWCUT SCISSORS. HENRY L. FEDDERSEN, San Francisco, Calif. Filed Sept. 30, 1924. Serial No. 740,853. 2 Claims. (Cl. 30—13.)

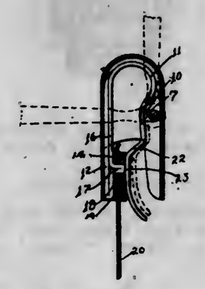


1. A pair of scissors or shears comprising two blades pivotally and slidably secured together, the pivotal connection comprising a shouldered pin secured fixedly to one of the blades with the shoulder projecting into a slot in the other blade, a projection from the shouldered portion of the pin engaging a notch in the edge of the slot, a threaded reduced portion of the pin extending through the slotted blade and having a nut thereon for securing the joint, and a plate through which said pin passes, said plate being free to rotate on the pin and to slide in the slot.

1,573,443. LICENSE-PLATE HOLDER. FORREST HALLAR, Blairstown, Mo., and BERYL C. LONG, Topeka, Kans. Filed July 18, 1924. Serial No. 726,750. 3 Claims. (Cl. 40—125.)

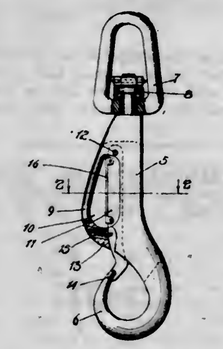
1. In a holder for license plates, a casing having a side with an extension, the side of the extension being inturned to form a flange, a spring doubled on itself, the doubled portion of the said spring being seated in the extension under the said flange, a projection formed

as a part of the spring adapted to enter a slot of a bracket and a slot of a license plate, the said spring having a free end extending across the end of the projection and coacting therewith to retain the device in



operative relation to its support and the license plate, and a cam journaled in the casing in position to bear against the extension for holding it in operative position.

1,573,444. HOOK FOR WELL-DRILLING MACHINES. LUTHER M. JORDAN, Owasso, Okla. Filed Aug. 19, 1924. Serial No. 732,964. 3 Claims. (Cl. 24—241.)



1. In a hook for well drilling machines, a shank having a swivel and a bill, a guard extending from one edge of the shank in spaced relation thereto, a latch pivoted to the shank and extending through the space between the guard and the shank to engage the bill of the hook, and a spring for holding the latch and bill in operative relation to each other.

1,573,445. DISPLAY CONTAINER. HARRY D. PHILLIPS, Bluefield, W. Va. Filed Feb. 24, 1925. Serial No. 11,352. 3 Claims. (Cl. 220—82.)



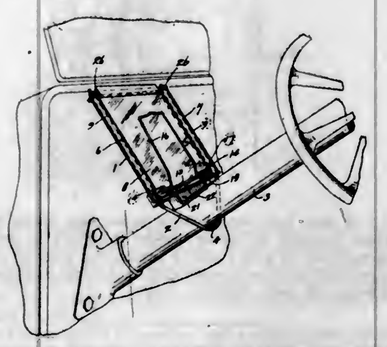
1. A container having a curved side with an opening therein, a frame having flanges at its inner edge shaped to embrace the edge of the container at the opening, the said flanges projecting outwardly and laterally of the wall of the container, an intermediate portion of said frame being in engagement with the inner surface of the container at the said opening and the said frame having an inner edge portion extending across the intermediate portion and spaced therefrom to form a seat, a transparent pane fitted in the said seat, a shield having flanges on its edges adapted to embrace the side flanges of the frame externally of the container for guarding the transparent pane, and an outwardly extending flange on the side of the shield, as and for the purpose described.

1,573,446. RESTRAINING DEVICE. ARTHUR C. POPHAM, Kansas City, Mo. Filed June 3, 1924. Serial No. 717,483. 2 Claims. (Cl. 128—134.)



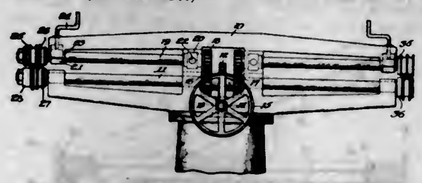
1. A device of the class described comprising a jacket having arm holes and fastening tapes for closing the open front end of the jacket, a tape secured longitudinally to the skirt of the jacket having an end for engagement with the foot rail of the bed and a tape extending from the neck of the jacket having an end for engagement with one of the head rails of the bed.

1,573,447. ROAD-MAP AND REGISTRATION-CERTIFICATE HOLDER. JOHN C. PREWITT, Santa Margarita, Calif. Filed June 2, 1925. Serial No. 34,419. 3 Claims. (Cl. 40—16.)



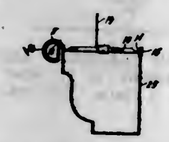
3. A backing for a road-map or the like having guides at the ends thereof, allowing a road-map to be slidably received between the guides and the backing, the guides being made for telescoping engagement with parallel supporting elements.

1,573,448. METHOD OF MAKING PIPE ELBOWS. LEMUEL H. PURNELL, Oak Park, Ill., assignor of one-half to Henry G. Goelitz and one-half to Enoch Purnell. Filed Dec. 5, 1924. Serial No. 754,172. 4 Claims. (Cl. 113—87.)



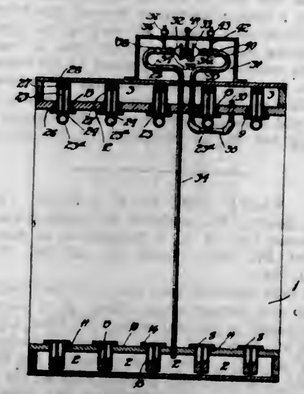
1. The method of making pipe elbows consisting of cutting a straight piece of pipe along a series of alternately inclined planes, simultaneously forming complementary flanges on the cut edges so that one flange will fit within the other, and rotating each section 180° with respect to the contiguous section.

1,573,449. GUTTER HANGER. MAX RACHLIN, New York, N. Y., assignor to Apex Gutter Hanger Corporation, New York, N. Y., a Domestic Corporation. Filed Apr. 13, 1925. Serial No. 22,623. 2 Claims. (Cl. 108—29.)



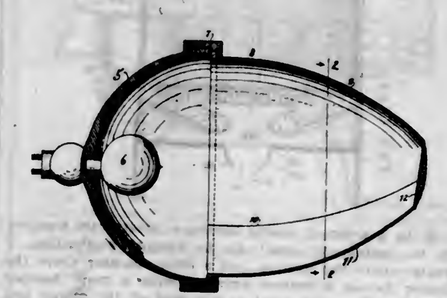
2. In a gutter hanger, a bracing strip having its ends adapted to be snugly engaged with the upper terminal portion of an ogee gutter, said end portions of said bracing strip being provided with slots and terminating in pointed tabs, which are adapted to be punched through the material of the gutter and inserted within said slots.

1,573,450. CHILLING APPARATUS. CHARLES HAROLD MCLEAY RAYSON, St. Kilda, near Melbourne, Victoria, Australia. Filed Aug. 10, 1925. Serial No. 49,429. 7 Claims. (Cl. 62—102.)



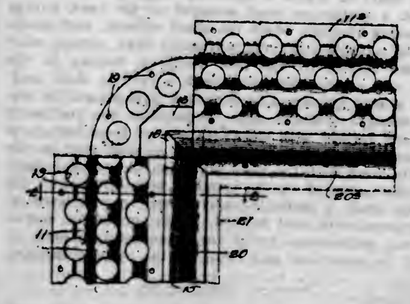
1. A chilling apparatus, comprising, a closed chamber, means for supporting products in the chamber, air ducts inside the chamber at the top and the bottom thereof, a propeller, air pipes connecting the suction side of the propeller to the top air ducts and the compression side of the propeller to the bottom air ducts, a test box, test pipes leading from the top and the bottom air ducts and having spaced adjacent ends positioned in the box, a thermometer projecting from the box and extending between the test pipe ends, an air meter in the box between the pipe ends, a branch pipe from each test pipe connecting the end of each test pipe to atmosphere, and valve means controllable from outside the test box to control passage through the branch pipes and the test pipes.

1,573,451. ANTIGLARE HEADLIGHT FRONT. CHARLES L. REIN, Baltimore, Md. Filed Sept. 10, 1923. Serial No. 661,780. 1 Claim. (Cl. 240—48.4.)



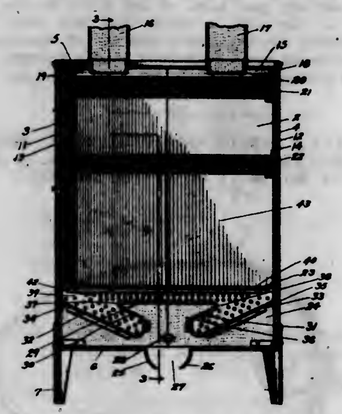
In a headlight, the combination with a dome shaped front composed of an upper transincent and a lower transparent portion, the juncture of said portions at the forward end of said front forming an opening disposed on the longitudinal axis of said headlight, of a lens, positioned in said opening, vertically inclined to said axis and having a curvature for directing rays of light passing therethrough to a greater distance than those passing through said transparent portion.

1,573,452. WINDOW CASING. CHARLES H. RICHARDS, Aurora, Ill., assignor of one-half to Richsto Manufacturing Company, a Corporation of Illinois. Filed June 4, 1925. Serial No. 34,837. 2 Claims. (Cl. 72—98.)



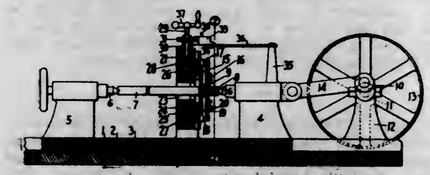
1. A corner bracket for casings of the class described comprising a substantially segmental body provided with an attaching portion, and ears extending from the internal angle of the body adapted to engage and substantially completely and transversely fill receiving spaces of angularly disposed plates.

1,573,453. DRIER. RUSH J. RITCHIE, Kansas City, Mo., assignor of one-half to Frank Spiekerman, Greenwich, Conn. Filed May 18, 1923. Serial No. 639,814. 6 Claims. (Cl. 34—19.)



1. In a drier, a casing having a constructed opening in its bottom to admit air to support combustion, a heater above the opening, and a drier chamber above the heater having a bottom provided with a trap chamber extending from the front to the back of the casing and having a constricted inlet in line with the burner.

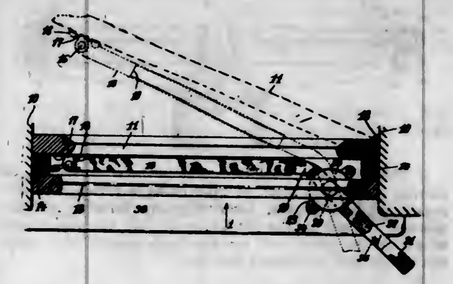
1,573,454. MULTIPLE-SPLINING MACHINE. JOHN A. SHUTZ, Richmond, Ind. Filed Apr. 16, 1924. Serial No. 706,960. 3 Claims. (Cl. 90—33.)



3. In a multiple splining machine, the combination with a base, of a device reciprocable thereon for carrying a shaft in which a plurality of splines are to be formed, a stationary head mounted on the base, having an opening through which the shaft extends, feed blocks radially movable along the stationary head, cutting tools hingedly carried by the feed blocks, a bearing in the upper part of the stationary head, a vertical shaft journaled in said bearing, a bevel pinion mounted on the vertical shaft, a rotatable plate mounted on the stationary head and formed with spiral threads on their rear faces to engage the threads on the plate, a bevel gear on the plate in mesh with the bevel pinion on the vertical shaft, a ratchet mounted on the latter, a lever pivoted on the vertical shaft, a spring-influenced pawl on said lever for engagement with said ratchet, power means for operating the reciprocable device, and connecting means between the latter and said lever for the purpose specified.

1,573,455. FRICTION ADJUSTER FOR SCREENED WINDOWS. EDWIN JOHN SIBLEY, Woodhaven, N. Y. Filed Sept. 1, 1923. Serial No. 660,485. 4 Claims. (Cl. 268—15.)

1. The combination with a relatively fixed member and a relatively movable member, of a friction adjuster for operating the movable member through an opening in the fixed member without disturbing the latter, said adjuster comprising a pivotal support, an arm mounted to swing thereon, adjustable friction means between said pivotal support and said arm, a telescopic member carried on said arm, means for pivoting said telescopic member to the said movable member, a portion of said arm



extending away from the said two members to form an operating handle and means on the latter and on the said pivotal support for automatically locking the said arm against accidental operation when said arm and movable member have been moved into a certain predetermined position.

1,573,456. FRICTION CASEMENT ADJUSTER. EDWIN J. SIBLEY, Westbury, N. Y. Filed Apr. 6, 1925. Serial No. 20,947. 1 Claim. (Cl. 292—275.)

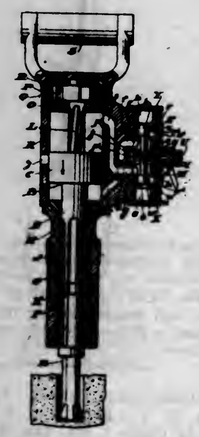


The combination with a window frame and window sash, of a friction adjuster therefor comprising a channel formed member having a slot secured in a recess in the bottom edge of the window sash, a friction box slidably carried with said channel member, a friction shoe within said friction box and in sliding contact with said channel member, a spring interposed between the friction box and the friction shoe, means for varying the pressure of the said spring against the friction shoe, a bracket secured to the window, an arm pivoted to the bracket and the friction shoe for slidably operating the latter within the said channel, said arm being operable below the window sash and adjustable means in said channel member for limiting the sliding movement of the friction box therein.

1,573,457. VALVE FOR ROCK DRILLS. FRED M. SLATER, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Oct. 24, 1923. Serial No. 670,396. 8 Claims. (Cl. 121—24.)

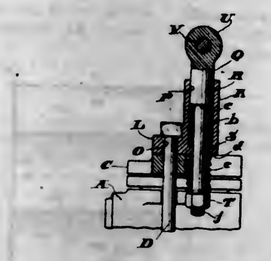
1. In a fluid actuated rock drill, the combination with a cylinder and reciprocating piston of a valve chest, a fluid actuated valve controlling the inlet supply and having a single central flange of larger diameter than the end of the valve, which flange controls the passage of motive fluid from the inlet to both ends of the cylinder, crossed supply passages connecting the forward and rearward spaces in the valve chest between the central flange and the ends of the valve with the rearward and forward ends respectively of the cylinder, small ports connecting the inlet directly with the spaces at the ends of the valve and a free exhaust port controlled by the

piston, and atmospheric leak, ports leading from the spaces at the ends of the valve and controlled by the ends of the valve, whereby the valve is thrown in a direction opposite to the direction of travel of the piston by the live motive fluid passing to the ends of the valve through said small ports and building up pressure at one of said ends of the valve until the free exhaust port



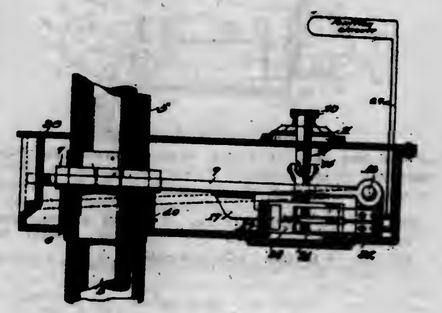
is opened by the piston and the valve being held by the pressure of live motive fluid on one face of the central flange of larger diameter until the valve is ready to be thrown.

1,573,458. CUSHION HANDLE. WILLIAM A. SMITH, Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Mar. 13, 1925. Serial No. 15,302. 4 Claims. (Cl. 121—36.)



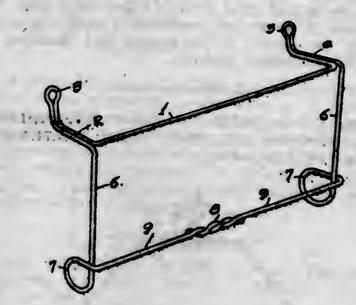
1. In a cushioning device for rock drills, the combination of a back head, cylinders formed separately and mounted on said back head, plungers to reciprocate within said cylinders, spring pressed side bolts for securing the cylinders to the back head, a pair of springs of equal diameter associated with each plunger to cushion longitudinal movement of the plungers in both directions, and a handle supported by the plungers for guiding the rock drill and holding the cylinders against rotation with respect to said back head.

1,573,459. AUTOMOBILE LOCK. ROBINSON RYLAND STABLER, Baltimore, Md. Filed Dec. 23, 1919, Serial No. 346,873. Renewed June 15, 1925. 10 Claims. (Cl. 70—127.)



2. A lock comprising steering part locking means, means for actuating said locking means, an ignition circuit controlled thereby, means for locking the actuating means and a generator circuit controlled thereby.

1,573,460. SHOE RACK. WILLIAM F. STARCK, San Francisco, Calif. Filed Apr. 25, 1925. Serial No. 25,844. 3 Claims. (Cl. 211—17.)

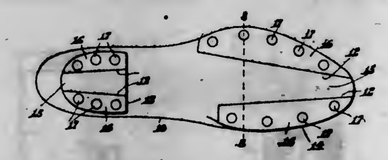


1. A shoe rack for storing and holding shoes comprising a single wire bent to form upper and lower parallel and horizontally disposed bars and having legs formed with eyelets therein adjacent the upper bar whereby said rack may be secured in spaced relation to a vertical surface, and loops formed adjacent the lower bar to engage said vertical surface and thereby hold said lower bar in spaced relation to said surface, said upper and lower bars being arranged to engage the heel and sole respectively of one or more shoes and suspend the same vertically adjacent said vertical surface whereby said shoes may be stored within a minimum horizontal space.

1,573,461. LAST. ELMER D. STONE, Framingham, Mass. Filed July 21, 1925. Serial No. 45,096. 5 Claims. (Cl. 18—46.)

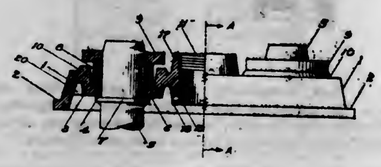
1. A rubber shoe last having separated metal plates inserted into the opposite sides of the bottom thereof

with their outer edges registering with the outer edges of said last, said plates being secured to the bottom face



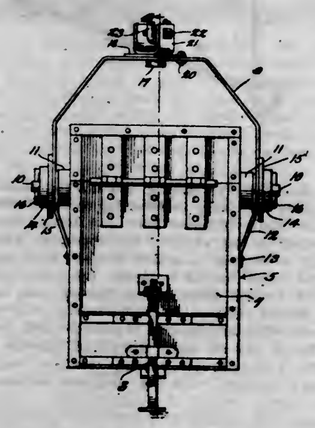
of the last only at points closely adjacent the edges thereof.

1,573,462. BATTERY COVER. CHARLES A. THATCHER, Portland, Oreg. Filed Nov. 6, 1920. Serial No. 422,156. 4 Claims. (Cl. 136—168.)



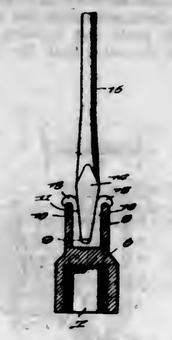
1. A method for producing a liquid tight seal between the terminal lug and the cover of a storage battery cell which compriaes providing an annular groove between said terminal and said cover, placing a resilient ring of compressible material into said annular groove, said ring in its normal state having a greater volume than the volume of the groove, compressing said ring to substantially the volume of the groove, and retaining the ring in its compressed condition.

1,573,463. PIT BUCKET. CHARLES C. TIPPETT, Luckey, Ohio. Filed Nov. 25, 1925. Serial No. 71,498. 3 Claims. (Cl. 294—68.)



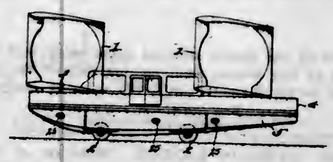
1. In a pit bucket, a body portion, a bail forming a part of the bucket, a U-shaped connecting member mounted on the bail, and means for adjusting the U-shaped connecting member in a horizontal plane.

1,573,464. SCREW-DRIVER ATTACHMENT. HENRY TOPPING, Ashley, Ill. Filed Mar. 3, 1925. Serial No. 12,956. 2 Claims. (Cl. 81—185.)



1. A wrench attachment for screw drivers, comprising a substantially V-shaped jaw member forming a socket that opens through one end and having flat inner faces to embrace the bit of a screw driver and engage the flat sides thereof, said member having its other end angular in cross section to be non-rotatably engaged in the socket of a wrench head.

1,573,465. AEROPLANE HULL. JULIUS VON WALDY, New York, N. Y. Filed Mar. 8, 1924. Serial No. 697,915. 11 Claims. (Cl. 244—2.)



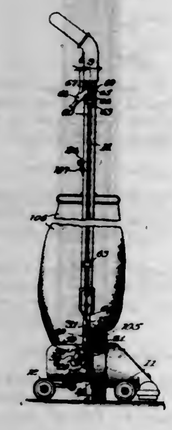
1. A hull for aeroplanes and the like comprising, in combination, a rigid gunwale portion, a flexible bottom portion and means for clamping said portions together in water-tight engagement.

1,573,466. STORAGE CASE. MAY E. P. WARD, Tulsa, Okla. Filed Oct. 17, 1923. Serial No. 669,139. 3 Claims. (Cl. 45—71.)



1. In a storage-case having oppositely-disposed substantially vertical walls and oppositely-disposed protuberances on said walls, a foldable shelf comprising swingably-connected members foldable one against another and adapted to rest on said protuberances, and one of said members having marginal slots into which two opposite protuberances extend and on which the latter member is slidable and on which said shelf hangs when folded.

1,573,467. HANDLE FOR VACUUM CLEANERS AND THE LIKE. EDWARD W. WIEHLE, Chicago, Ill., assignor to Birtman Electric Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 19, 1923. Serial No. 663,583. 2 Claims. (Cl. 306—13.)



1. In combination with a vacuum cleaner having an operating handle and an element pivoting the handle to the suction housing, a relatively stationary locking segment through which said element passes, the upper portion of said segment being outwardly offset from the handle, tongues extending from said segment and fastened to said housing, a locking detent bifurcated at its lower end straddling and coacting with said segment, a casing offset on said handle in which said detent slides, and means on the upper end of the handle to actuate said detent.

1,573,468. COMPOSITION FOR TREATING BRAKE LININGS. FRANK EDWIN WIESER, San Luis Obispo, Calif., assignor of one-half to Roy R. Palmer, San Luis Obispo, Calif. Filed July 16, 1924, Serial No. 726,388. Renewed July 9, 1925. 1 Claim. (Cl. 87—9.)

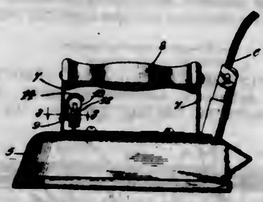
A composition for treating brake linings comprising 96 parts of turpentine, 16 parts of castor oil, 8 parts of graphite, and 1 part of oil of citronella.

1,573,469. METHOD OF REGULATING THE OPERATION OF PAPER-MAKING MACHINES. EZEKIEL J. WILSON, East Greenbush, and EDWIN A. REES, Albany, N. Y., assignors to F. C. Huyck & Sons, Rensselaer, N. Y., a Corporation of New York. Filed Apr. 28, 1925. Serial No. 26,891. 4 Claims. (Cl. 92—49.)

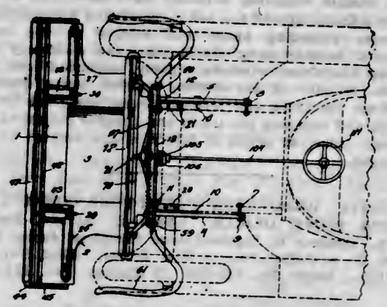
1. A method of regulating the operation of paper making machines provided with endless felts which drive one or more devices thereof, which consist in determining the stresses or strains in the travelling felt by measuring the length of a predetermined portion of the felt passing a selected point or points, and adjusting the machine to eliminate abnormal stresses or strains indicated.

1,573,470. SADIRON. PETER D. YANKOUS, Fort Smith, Ark. Filed Nov. 25, 1922. Serial No. 603,216. 1 Claim. (Cl. 240—2.)

In combination with the inclined edges of the supporting arms of a cast iron handle, a supporting member including a circular lamp receiving portion, hook members extending laterally from the circular lamp receiving portion, and adapted to grip the side edges of an arm of the handle support, and an upwardly and downwardly curved guard section formed integral with the circular portion and adapted to lie in close proximity to a lamp positioned in the circular receiving section.



1,573,471. SAFETY FENDER FOR MOTOR VEHICLES. JOHN YANOVICH and JOSEPH HRUSECKY, Zelienople, Pa. Filed Aug. 11, 1925. Serial No. 49,542. 19 Claims. (Cl. 293—15.)



3. A safey fender for vehicles comprising a platform adapted to be supported on the front of a vehicle, an impact receiving member arranged on the forward end of the platform, and a foot engaging member adapted to be automatically actuated when a person is struck by the impact member for throwing the person onto the platform, and a pair of coacting body encircling members arranged on the platform.

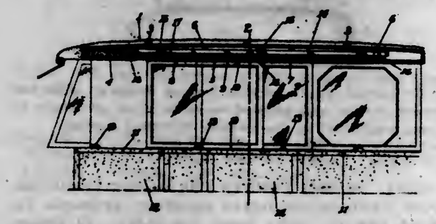
1,573,472. BURNER. ALBERT ZANDER, Chicago, Ill. Filed Dec. 13, 1923. Serial No. 680,458. 4 Claims. (Cl. 158—99.)



1. A gas burner for drying molds or the like, comprising a hollow body affording a combustion chamber into which the fuel is introduced, means for supplying a combustion-supporting material for supporting initial com-

bustion of said fuel, a discharge outlet for the products of combustion, and controlled means for supplying a final combustion-supporting and temperature-reducing medium under pressure at varying points between the point of initial combustion and the discharge outlet.

1,573,473. WINDOW CONTROL FOR VEHICLE TOPS. SIDNEY S. ALBRIGHT, Sacramento, Calif. Filed Feb. 12, 1924. Serial No. 692,250. 1 Claim. (Cl. 296—47.)



A window mounting structure for vehicle tops having longitudinally spaced top bows, comprising a longitudinal stringer extending under and secured to the bows, a track member under the stringer and resiliently supported therefrom, windows slidably suspended from the track, a pair of transversely spaced strips disposed between the track and stringer, cams supported by the strips and engaging the track, and hangers projecting upwardly from the strips at intervals and secured to the stringer.

1,573,474. REMOVABLE WATER-TUBE CONNECTION FOR STOPE DRILLS. LEWIS C. BAYLES, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Nov. 29, 1921. Serial No. 518,550. 2 Claims. (Cl. 121—8.)



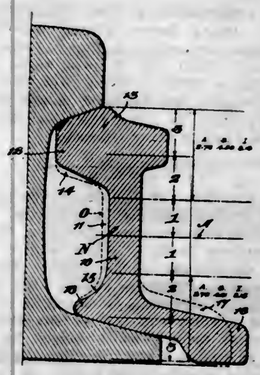
1. In a fluid actuated stope drill of the hammer type the combination of a percussive element, a head block for the cylinder, a laterally off-set fluid pressure feeding cylinder secured to the head block, a piston in said feeding cylinder, a rod for said piston held against rotation in the feed cylinder and having an off-set rock engaging pointer at one end for supporting the stope drill in the line of the longitudinal axis of the percussive cylinder, a centrally arranged water tube through the percussive cylinder, and a plug for securing one end of the tube and adapted to receive a water connection for supplying water to said tube.

1,573,475. AUDITORIUM WALL, AND THE LIKE. EMILE BERLINER, Washington, D. C. Filed Aug. 18, 1925. Serial No. 50,125. 6 Claims. (Cl. 72—18.)



1. A fireproof vibratory tile comprising a diaphragm of initially plastic composition and spacing means permitting the diaphragm to freely vibrate when affixed to a wall.

1,573,476. STRESS-BALANCING SPLICE BAR. BANCROFT G. BRAINE, New York, N. Y., assignor to The Rail Joint Company, New York, N. Y., a Corporation of New York. Filed Nov. 28, 1925. Serial No. 71,895. 5 Claims. (Cl. 238—243.)



1. A splice bar having unsymmetrical upper and lower members contining zones of metal of substantially the same area at equal distances respectively above and below a neutral axis, the splice bar section having a proportional distribution of metal to dispose the center line of stress of the head at substantially the same distance above the axis at the distance of the center line of stress of the foot below said axis.

1,573,477. CUFF BUTTON. JOHN F. BYRON, Providence, R. I., assignor to Freeman-Daughaday Co., Chartley, Mass., a Corporation of Massachusetts, doing business as Providence Collar Button Company, Providence, R. I. Filed Apr. 20, 1925. Serial No. 24,568. 8 Claims. (Cl. 24—102.)

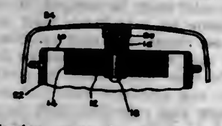


1. A cuff button having a pair of spaced head flanges integral with and connected by a tubular elongated shank portion formed of sheet stock and of substantially uniform diameter throughout its length.

1,573,478. PHOTOGRAPHIC PRINT AND METHOD OF MAKING THE SAME. CHARLES W. CARMAN, Chicago, Ill. Filed Oct. 26, 1925. Serial No. 65,045. 6 Claims. (Cl. 41—19.)

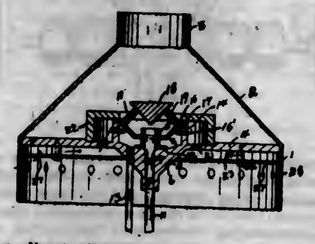
1. The method of making photographic prints on metal consisting of forming in the face of the metal a series of parallel scratches, and applying thereon a continuous tone photographic print.

1,573,479. MOISTENING COVER FOR CONTAINERS. JAMES W. CHRISTIE, Minneapolis, Minn. Filed Nov. 1, 1924. Serial No. 747,227. 2 Claims. (Cl. 131—30.)



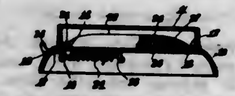
2. A moistening cover for jars comprising an upper disk-like member of sheet material adapted to rest upon the top of the jar and seal the latter, felt disk resting upon the lower surface of said upper disk and of smaller diameter than the top of the jar to expose the edges of said felt disks, a lower disk-like member underneath said felt disks, said lower disk-like member having a central depression to form a well, a funnel member resting upon said upper disk, and a tube secured to said funnel member and to said lower disk, said tube having perforations opening into said well.

1,573,480. OIL BURNER FOR BROODER STOVES. FRANK S. CONNER, Petaluma, Calif. Filed July 6, 1925. Serial No. 41,686. 9 Claims. (Cl. 158—91.)



1. In a direct oil burner of the character described, a pan, an open-top vessel rising centrally therefrom, means for admitting oil into the vessel through the pan, a marginal flange rising from the pan, a conical ring resting on the flange and descending toward an intermediate portion of the vessel so as to leave an annular space around the same, the flange being perforated to allow air to be drawn therethrough and through the annular space toward the top of the vessel.

1,573,481. INK PAD. ANTHONY L. COSTA, East Boston, Mass., assignor to R. Woodman Mfg. & Supply Co. Inc., Boston, Mass., a Corporation of Massachusetts. Filed Dec. 16, 1924. Serial No. 756,242. 5 Claims. (Cl. 91—54.5.)



1. In an ink pad, a support; a cover therefor; a pad; fixed stops formed on said support projecting over but disconnected from one edge of said pad; and an elongated strip movable toward and from said fixed stops and adapted to engage the opposite edge of said pad.

1,573,482. FIRE BRICK OR BLOCK. RICHARD A. DALTAN, Philo, Ohio. Filed May 16, 1925. Serial No. 30,878. 4 Claims. (Cl. 18—60.)

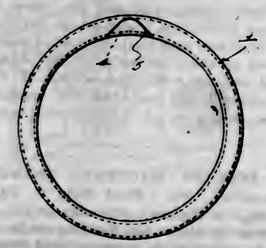
1. A fire brick or block including a body portion, said body portion comprising slag from a high temperature forced draft furnace which is free from ashes, a fire cement which sets hard at a high temperature, Portland cement which sets hard at atmospheric temperatures, and a facing composition comprising divided carborundum, a fire cement which sets hard at a high temperature, and Portland cement which sets hard at atmospheric temperature.

1,573,483. SPLITTING SHEAR. ERNST ENDERS, Albert Lea, Minn. Filed May 29, 1924. Serial No. 716,647. 7 Claims. (Cl. 164—44.)



1. A shear, comprising a track formed of a channel beam, a frame, rollers on said frame extended between and adapted for travel on the flanges of said beam, said frame being formed with a recess, a stationary blade at one margin of said recess, an arm mounted for oscillation across said recess, a cutting blade carried by said arm and adapted to cooperate with the stationary blade, means for oscillating said arm, and means connected with the arm-oscillating means for causing step-by-step travel of said frame.

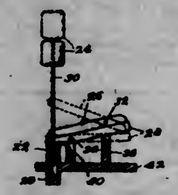
1,573,484. GASKET HOLDER. CLAUD A. FRANKLIN, Kansas City, Kans. Filed Feb. 7, 1925. Serial No. 7,643. 1 Claim. (Cl. 206—1.)



A gasket holder for the gasket used on cream separators, comprising a ring, the respective edges thereof being disposed inwardly to provide a channel which is substantially U-shaped in cross section and is adapted

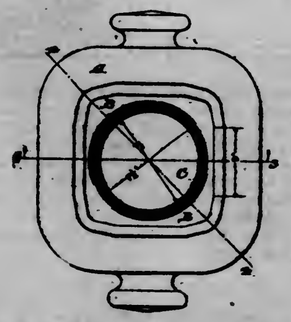
to receive the gasket, the inner diameter of the ring being less than the inner diameter of the gasket, one of the inwardly disposed edges of the ring being provided with a notch to facilitate the easy removal of the gasket from the ring.

1,573,485. MOISTURE AND VAPOR SEPARATOR. FRANCIS M. FRITTS, Coffeyville, Kans., assignor of one-half to L. H. Stevens, Coffeyville, Kans. Filed Oct. 27, 1922. Serial No. 597,412. 1 Claim. (Cl. 137—68.)



In a moisture and vapor separator, a casing, a plate removably secured to the lower portion of said casing and having an outlet therein, a valve arranged in said casing to normally close said outlet, a straight lever connected to said valve, a second straight lever bearing its entire length against the first one, supporting means for said levers and projecting into the casing from said plate, and a float adapted to be controlled by fluid in the casing and adapted to open the valve through the intermediacy of said levers, substantially as shown and described.

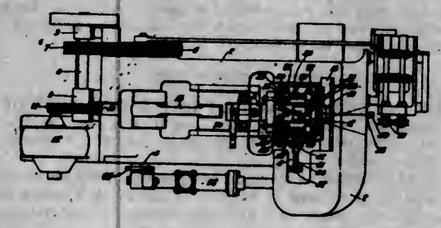
1,573,486. INGOT MOLD. EMIL GATHMANN, Baltimore, Md. Filed Oct. 3, 1925. Serial No. 60,260. 7 Claims. (Cl. 22—139.)



1. A metallic ingot mold having an opening through its top and through its lower end and having a vertically extending ingot-forming chamber, the lower side walls of which above the bottom opening have concaved necked-in portions that join side walls of convex contour which are interposed between the walls of the bottom opening and the said concave walls, the corners of the mold in its lower portion being necked-in and concaved with a larger radius than that of the concaved side walls.

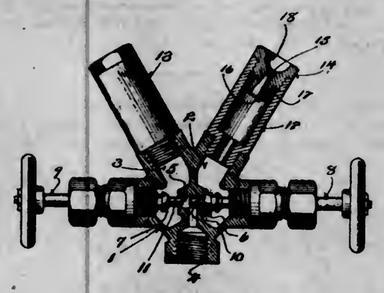
1,573,487. FORGING MACHINE. THOMAS A. GORMAN, Johnstown, Pa. Filed Nov. 7, 1924. Serial No. 748,363. 5 Claims. (Cl. 29—34.)

1. A forging machine for forming balls from bars, comprising a main frame, a cross head movable longitudinally of said frame, a side ram movable transversely of said main frame and said cross head, a breast plate mounted adjacent the forward end of said main frame, a stationary die member carried by said breast plate, a second die member carried by said cross head and adapted to co-operate with said first mentioned die member to forge balls from pieces of rod stock, means for feeding stock into said machine in a direction parallel to the longitudinal axis thereof and at a point to the one side of said stationary die, a shear blade mounted to move transversely of said main frame, to shear off measured pieces of stock and move said pieces into line with said dies, said shear blade being moved during its shearing stroke by said side ram, a filler block adapted to be moved into position between said ram and said shear blade prior to said shearing stroke and to remain



in such position during said stroke, means for moving said filler block into position between said blade and said ram, a receiving block movable transversely of said frame and adapted to co-operate with said shear blade to position and hold the cut stock in line with said dies until after said stock is engaged by said movable die, means operable by said cross head for positively moving said shear blade and said receiving block out of the path of said movable die, means for positively withdrawing said filler block from its position between said shear blade and said side ram, and means for returning said blade and receiving block to normal position.

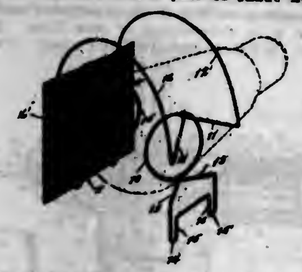
1,573,488. SAFETY APPLIANCE FOR STEAM BOILERS. WILLIAM C. HACKMAN, Milwaukee, Wis., assignor to B. Hoffman Manufacturing Co., Milwaukee, Wis. Filed July 13, 1925. Serial No. 43,258. 3 Claims. (Cl. 122—504.1.)



1. A fusible plug appliance for steam boilers comprising a casing having an inlet, and a pair of elongated compartments having distinct and separate walls, each of said compartments having an outwardly opening aperture communicating therewith, a fusible plug mounted in each of said apertures, and means for alternately connecting said compartments with said inlet.

1,573,489. SHADE HOLDER. FRANCIS CADWALADER HALL, New York, N. Y. Filed Sept. 20, 1924. Serial No. 738,935. 3 Claims. (Cl. 240—138.)

1. A shade holder comprising a pair of spaced circular rings engageable with the opposite sides of a lamp bulb, a pair of arcuate spring members whose ends are attached to the rings, and a pair of shade holding ex-

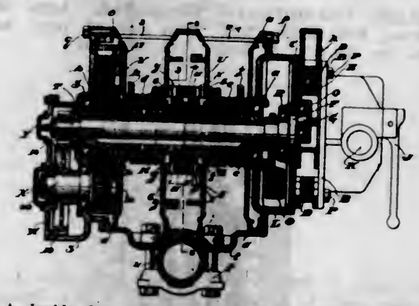


tensions attached to the opposite sides of the rings, said extensions being bent back on themselves to provide shade holding clips.

1,573,490. INSECTICIDAL COMPOSITION OF MATTER. CARL NELSON HAND, Nitro, W. Va., assignor to The Rubber Service Laboratories Co., Akron, Ohio, a Corporation of Ohio. Filed Mar. 25, 1925. Serial No. 18,313. 11 Claims. (Cl. 167—6.)

1. A dusting composition for use in destroying insect life, which comprises a thiourea.

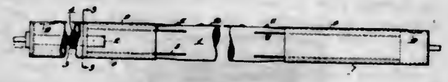
1,573,491. DOUBLE-DRUM HOIST. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Sept. 16, 1925. Serial No. 56,654. 1 Claim. (Cl. 254—185.)



A double drum hoist, comprising a motor casing and reversible motor, a motor shaft extending from the motor, a gear box at the opposite end of the motor shaft, a central protective housing connecting said motor casing and gear box and having openings for the drum cables, a rotatable center bearing around said motor shaft forming a drum shaft, drums rotatable relatively to said drum shaft, a spiral gear on said drum shaft between the drums, an internally spiralled sleeve on said gear forming a main driver having oppositely facing teeth at its sides, toothed drum drivers on the drums adapted to cooperate alternately with the main driver according to the direction of rotation of the motor, a brake for said drum driver, and gearing operatively connecting said drum shaft to the motor shaft.

1,573,492. SHADE ROLLER. STEWART HARTSHORN, Short Hills, N. J., assignor to Stewart Hartshorn Company, East Newark, N. J., a Corporation of New Jersey. Original application filed Nov. 18, 1920, Serial No. 423,936. Divided and this application filed Dec. 12, 1923. Serial No. 680,067. 6 Claims. (Cl. 156—29.)

1. A device of the character described, comprising a tubular member, a cylindrical element adapted to form a continuation of the member, the normal diameter of said element from end to end being greater than the bore of the member, there being a longitudinal kerf in



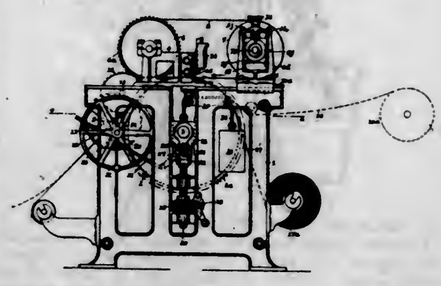
the element, said kerf extending through the end of the element whereby its diameter may be reduced to permit of the element being inserted in the bore of the member.

1,573,493. DRILL FOR FERTILIZERS AND SEEDS. ESLER B. HEYD, Garrettsville, Ohio. Filed July 2, 1925. Serial No. 41,027. 4 Claims. (Cl. 221—120.)



1. In a drill for grain or fertilizer, a box to contain the material to be drilled and having discharge openings in its bottom, a rotatable shaft in the box, a plurality of oblong feeding devices secured to the shaft and inclined to the shaft, the said feeding devices being arranged between consecutive discharge openings, and other feeding devices carried by the shaft between successive members of the first feeding devices and sweeping across and close to the said openings, the first feeding devices being arranged to sweep the said material into the path of adjacent second feeding devices on either side thereof.

1,573,494. FLOCK-PRINTING MACHINE. FLORENT HINNEKENS, Paterson, N. J. Filed Feb. 19, 1925. Serial No. 10,216. 9 Claims. (Cl. 101—122.)



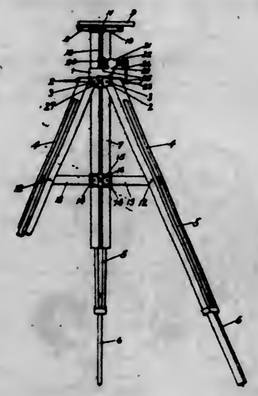
1. A printing machine including, in combination, an endless stencil, spaced rotary rollers around which the stencil is peripherally extended, and means to support said rollers, one roller being adjustable relatively to the other to positions of varying angularity with reference to a plane bisecting the bend formed in the stencil around the first roller.

1,573,495. TIRE-VALVE-CASING CAP. FRANK C. HUGHES, Chicago, Ill. Filed Jan. 12, 1925. Serial No. 1,844. 2 Claims. (Cl. 152—12.)



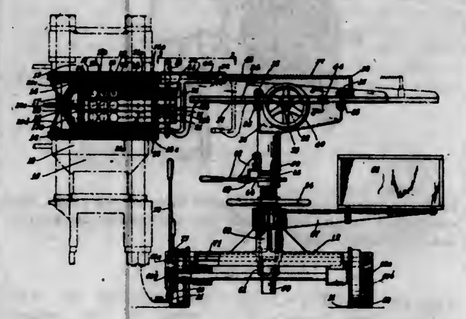
2. A valve casing cap comprising: a cap proper having internal threads adapted to engage the external threads of a valve casing; packing material within said cap adapted to engage the upper end of a valve casing when the cap is screwed into place, said packing material having an external diameter great enough to cause it to yieldingly engage the internal threads of said cap; spring means above said packing material adapted to yieldingly press said packing material downwardly into engagement with the upper end of a valve casing when the cap is screwed into place; and a separate closing member within said cap adapted to close the end of the valve casing and prevent said packing material from being forced thereinto as the cap is screwed into place.

1,573,496. TRIPOD. THEODORE A. JANSSON, Johnson City, and CARL A. BORNMANN, Binghamton, N. Y., assignors to Ansco Photoproducts, Inc., Binghamton, N. Y. Filed Apr. 11, 1925. Serial No. 22,421. 10 Claims. (Cl. 248—43.)



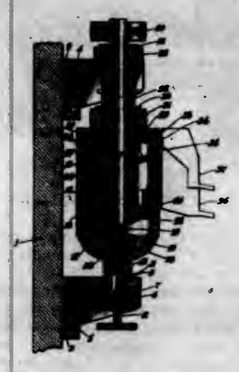
1. A tripod comprising legs and an adjustable supporting element, a rack on said element, a pinion engaging at all times with said rack for adjusting the position thereof, said pinion being slidable laterally with respect to said rack, and locking means engaging said pinion in one position of said pinion whereby said element is secured against movement.

1,573,497. METHOD AND APPARATUS FOR MAKING HOLLOW ARTICLES. EDWIN J. KRODGER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Mar. 25, 1922. Serial No. 546,670. 30 Claims. (Cl. 18—19.)



3. Apparatus for molding a multiple-celled container, said apparatus comprising a set of mandrels adapted to be assembled alternately with sheets of partition-forming stock and to abut each other outside of the container while accommodating the partitions thereof between their work-receiving ends, means for applying external molding pressure to a container with said mandrels and pressing said mandrels together, and means for internally heating the work-engaging ends of said mandrels.

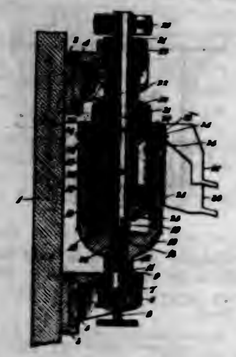
1,573,498. CENTRIFUGAL SEPARATOR. JOHN M. NICOL, Mill Valley, Calif. Filed Aug. 28, 1923. Serial No. 659,727. 5 Claims. (Cl. 209—199.)



1. In a centrifugal machine, the combination of a bowl mounted for rapid rotation and having inner vertical sides provided with a concavity to hold a column of mercury, riffles in said sides below said concavity to also receive said mercury and heavy metal particles, said bowl being mounted for rapid rotation; and stationary means contacting with the inner portion of the material undergoing treatment for effecting a differential movement within a mass subjected to centrifugal force in said bowl.

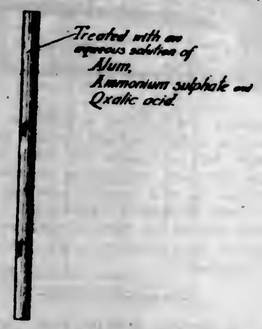
1,573,499. CENTRIFUGAL SEPARATION. JOHN M. NICOL, Mill Valley, Calif. Filed Sept. 26, 1923. Serial No. 665,007. 12 Claims. (Cl. 209—199.)

1. The process of substantially completely separating mineral particles having different densities, comprising adding thereto a material having an intermediate density and centrifugalising the mix to obtain concentric layers with the added material positioned between the minerals



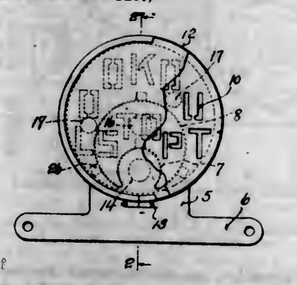
to be separated, and effecting a cutout of a mineral layer at some point within said intermediate layer between the planes of the outer layers.

1,573,500. LAMP WICK. ZACHARIAS OLSSON, New York, N. Y., assignor, by mesne assignments, to Burgoyne Light & Signal Corporation, New York, N. Y., a Corporation of Delaware. Filed Oct. 10, 1922. Serial No. 593,641. 2 Claims. (Cl. 67—69.)



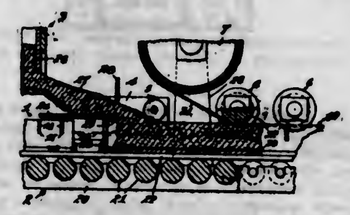
1. A lamp wick rendered incombustible by being impregnated with a compound consisting of alum, ammonium sulphate, oxalic acid and a solvent.

1,573,501. AUTOMOBILE SIGNAL. JAMES M. OSOIAN, Racine, Wis. Filed Apr. 13, 1925. Serial No. 22,680. 1 Claim. (Cl. 177—329.)



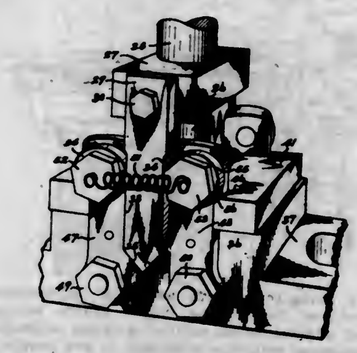
An automobile signal comprising a cylindrical casing having a cutaway lower portion, a transparent member covering such lower portion, a tail light located above such cutaway portion, a small cylindrical partition having an open lower portion and positioned around said tail light and within said casing, an intermediate partition positioned within said casing and surrounding said small partition and having an open lower portion, a lamp located within the portions of said casing external to and enclosed by said intermediate partition, and a legend bearing cover plate for said main casing, said small partition and said intermediate partition having their lower ends joined and together forming a crescent-shaped member whose arms surround the sides and upper part of the tail light.

1,573,502. METHOD AND APPARATUS FOR MOLDING REENFORCED-COMPOSITION STUDDING. CHARLES ALBERT PETERS, Downey, Calif., assignor to Peters Holding Company, a Corporation of California. Filed Apr. 5, 1924. Serial No. 704,382. 15 Claims. (Cl. 25—42.)



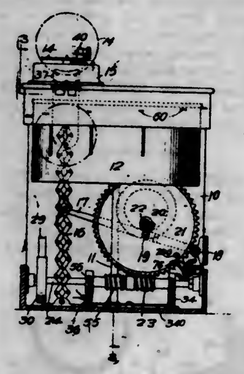
1. The method of forming reenforced plastic studding which consists in placing a permanent facing sheet in the bottom of a mold, placing reenforcements in said mold, conveying the mold past a point of delivery, delivering plastic material at said point into the mold and rolling said plastic material down into the mold and around and below said reenforcements, and placing a permanent facing sheet on the molded plastic material.

1,573,503. METAL-WORKING DEVICE. FRANK D. RIPNER, Dayton, Ohio. Filed May 25, 1925. Serial No. 32,600. 5 Claims. (Cl. 113—38.)



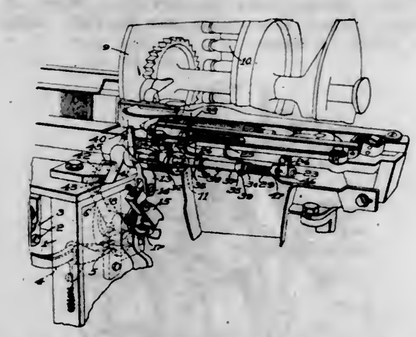
1. A device for drawing sheet metal comprising, in combination, a die including male and female members; a pressure plate adapted to be moved into engagement with the metal on the female die member; and a pressure-plate locking means provided on each one of two opposite sides of the die, each of said locking means including a pair of locking levers adjustably secured to the female die member, and wedges rigidly mounted on the male die member and adapted to be inserted between their respective pair of locking levers whereby said levers will concurrently be moved in opposite directions and into locking engagement with the pressure plate.

1,573,504. AUTOMATIC PHONOGRAPH. OBERLIN SMITH, Bridgeton, N. J. Filed Dec. 29, 1921. Serial No. 525,669. 24 Claims. (Cl. 274—10.)



8. The combination of a player mechanism, a traveling magazine for a collection of player devices, consisting of a rotatable turret having radial compartments for said devices, movable to present the respective devices at a point for removal, and automatic means to selectively stop said magazine at such point, to present a desired player device thereat comprising a circuit for each player device in the magazine and a switch for each circuit adjacent the path of travel of the magazine, and a switch operating member on the magazine for each switch.

1,573,505. SHUTTLE FEELER MECHANISM FOR LOOMS. MELVIN L. STONE, Lawrence, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Apr. 8, 1925. Serial No. 21,683. 14 Claims. (Cl. 139—231.)



1. In a filling replenishing loom, the combination of the transferrer, the transfer dog, a shuttle having a feeler slot, detector means on the lay at the replenishing side cooperating with the feeler slot of the shuttle for determining the position of the shuttle, and connections between said detector means and dog for rendering the dog inoperative unless said detector means enters the feeler slot on call for replenishment of filling.

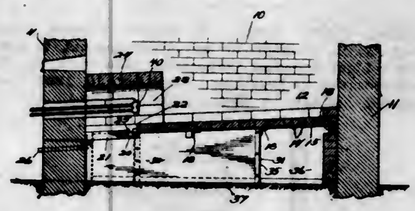
1,573,506. LOCK. MATT ANUNDI, Clatskanie, Oreg. Filed Aug. 9, 1924. Serial No. 731,075. 3 Claims. (Cl. 70—27.)

1. In a lock of the character described, a spring controlled slidable bolt adapted to engage a keeper, a tumbler pivotally attached to said bolt, resilient means for holding said tumbler in one position, a resilient latch adapted to engage and hold said tumbler when rotated in one direction, means for releasing said latch, and a guide



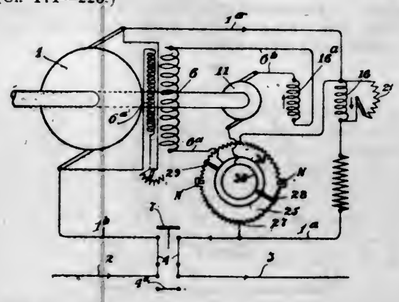
for the key adapted for opening said lock, said guide and said latch being mounted upon a common yielding device, whereby pressure applied to said key serves to release said latch.

1,573,507. FURNACE CONSTRUCTION. HARRY A. ATWATER, Kansas City, Mo. Filed Jan. 16, 1922. Serial No. 529,696. 7 Claims. (Cl. 158—1.)



1. A furnace construction comprising a combustion chamber having a floor and an air feed passage beneath said chamber for conducting air from the exterior of the furnace into said combustion chamber, and a partition structure in said passage arranged to direct the air in a course traversing increasingly hotter portions of the under face of the floor of said combustion chamber throughout said passage to its place of discharge into said chamber.

1,573,508. ELECTRIC MOTOR FOR USE ON A CONSTANT-CURRENT VARIABLE-VOLTAGE SYSTEM. GILBERT AUSTIN, JAMES COLQUHOUN MACFARLANE, and WILLIAM ALLAN MACFARLANE, Glasgow, Scotland. Filed Oct. 10, 1924. Serial No. 742,877. 7 Claims. (Cl. 171—225.)

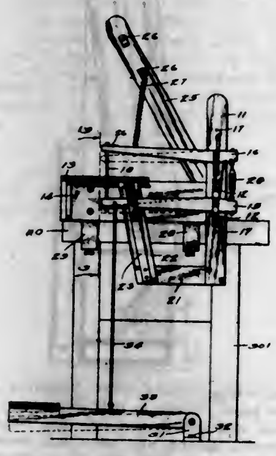


1. In combination, an electric motor having armature and field windings and having fixed brushes for use on a constant current variable voltage system; conductors for connecting a main line circuit to said motor; a resistance in said conductors; means for connecting the motor field windings across said resistance; a dynamo electric machine having its armature windings connected in series with the field winding of the motor and so arranged that the current produced thereby will oppose the current in the motor field winding circuit, and having its field winding in series with the motor armature; and means for mechanically driving the armature of said dynamo electric machine from the motor.

1,573,509. PROCESS OF PRODUCING HIGHLY-ADSORBENT CHARCOAL. ERNEST BATEMAN, Madison, Wis., assignor to the United States of America. Filed Aug. 5, 1919. Serial No. 315,498. 3 Claims. (Cl. 252—3.)

1. In a process of activating carbon, treating carbon in comminuated form and while in a free condition with carbon dioxide at temperatures of 650–1000° C.

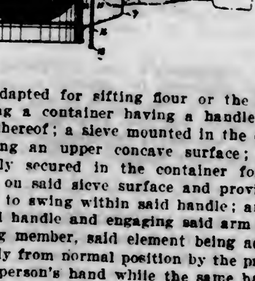
1,573,510. JIG SAW. MOSE EDWARD BAKER, Des Moines, Iowa. Filed June 18, 1923. Serial No. 646,075. 2 Claims. (Cl. 143—73.)



1. A portable jig saw comprising an upright arm, a horizontal arm projecting therefrom, a table on said horizontal arm having a hole therethrough, a pair of saw supporting arms pivoted to said upright arm, a saw mounted between the ends of said saw supporting arms, adjustable means for connecting the opposite ends of the saw supporting arms, an inclined arm extending upwardly from said horizontal arm, a coil spring connected with the upper saw supporting arm and with said inclined arm, a bracket, a foot pedal pivoted to said bracket and a flexible member connecting the foot pedal and the lower saw supporting arm, a second horizontal arm spaced from the first, a guide for the lower saw arm supported on said horizontal arms.

1,573,511. ADJUSTABLE FLANGE FOR PIPE LINES. CLAUDE BELCHER, Des Moines, Iowa, assignor of forty-nine per cent to Frank J. Douglas, Des Moines, Iowa. Filed Jan. 31, 1923, Serial No. 616,000. Renewed Jan. 11, 1926. 2 Claims. (Cl. 285—162.)

1. In a device of the class described, a flange having a central opening and a tubular extension provided with an interior packing rest, a pipe projected into said extension, a packing connection between the pipe and the extension, a collar having a screw-threaded connection with the pipe and diametrically opposite projecting arms, rods fixed to said flange and projecting slidably through said arms, springs received on said



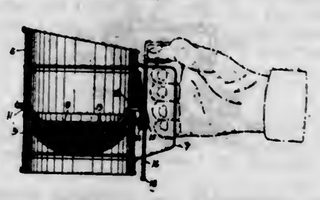
rods between said arms and said flanges and between said arms and retaining flanges secured to the ends of said rods.

1,573,512. DOOR HOLDER. ALDEN J. BUSH, Columbus, Ohio. Filed Oct. 6, 1924. Serial No. 741,795. 4 Claims. (Cl. 292—275.)



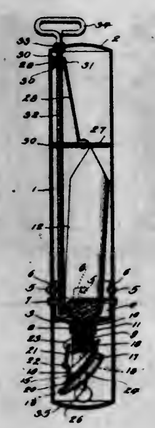
1. In a device of the character described, the combination of a closure, connections to said closure, an automatic holding device for said connections normally in inoperative position but adapted to move into holding position at a predetermined point in the travel of said closure, means for maintaining the holding device in operative position during the further travel of said closure and until it reaches substantially the end of movement of said closure, and means for automatically releasing said holding device at or near the end of the movement of the closure.

1,573,513. FLOUR SIFTER. STANLEY B. GAMBLE, Oakland, Calif. Filed Sept. 30, 1925. Serial No. 59,451. 3 Claims. (Cl. 209—282.)



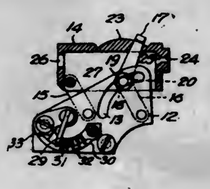
1. A sifter adapted for sifting flour or the like, said sifter comprising a container having a handle mounted on the outside thereof; a sieve mounted in the container, said sieve having an upper concave surface; a sifting member pivotally secured in the container for moving back and forth on said sieve surface and provided with an arm adapted to swing within said handle; an element mounted in said handle and engaging said arm for actuating the sifting member, said element being adapted to move downwardly from normal position by the pressure of one finger of a person's hand while the same hand holds the handle; and a coil spring having its upper end attached to the upper part of the handle and its lower end attached to said element for returning the element from depressed to normal position.

1,573,514. APPLICATOR. EARL R. HAMILTON, Pekin, Ind. Filed Apr. 2, 1925. Serial No. 20,218. 8 Claims. (Cl. 91—67.4.)



1. An applicator comprising a tubular casing adapted to contain a compressible tube, a closure for one end of said casing having an annular side wall having the inner portion of its width removably received in said one end of the casing and having a knurled external rib abutting the same, said closure having a discharge neck, an applicator carried solely by the outer end of said neck, the inner end of said neck being internally threaded for engagement with the usual threaded neck of the collapsible tube, and a protecting cap for covering the applicator and neck, said cap fitting removably over the outer portion of the aforesaid side wall and abutting the aforesaid rib.

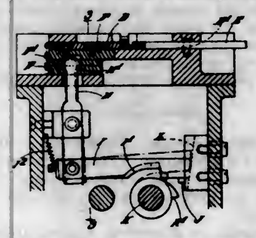
1,573,515. REAR SIGHT FOR HIGH-VELOCITY WEAPONS. JOHN W. HARKOM, Melbourne, Quebec, Canada. Filed Oct. 18, 1922. Serial No. 595,370. 13 Claims. (Cl. 33—58.)



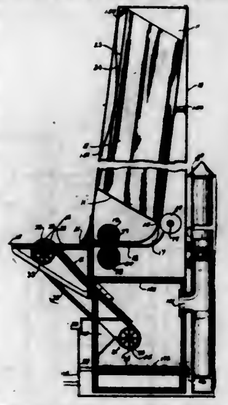
8. In a rear sight, a base, a sighting member, links swingingly supporting the sighting member on the base, an adjustable stop engageable by the links and adapted when so engaged and upon adjustment to raise the sighting member, and means for adjusting the stop and gauging the adjustment thereof.

1,573,516. WIRE BINDING OR TYING APPARATUS. ERNEST ALBERT INGOLD, London, England, assignor to (Messrs.) W. & C. Pantin, London, England. Filed May 5, 1924. Serial No. 711,269. 4 Claims. (Cl. 140—93.)

1. In an apparatus for twisting together the overlapping ends of a loop of wire encircling a package, a gripping device for securing one end of the wire during the twisting operation comprising a pivotally movable clip, a transversely movable clip cooperating therewith to hold the wire, a stop normally preventing transverse movement of the latter clip, and means operating to withdraw the stop at a predetermined phase of the twisting operation.

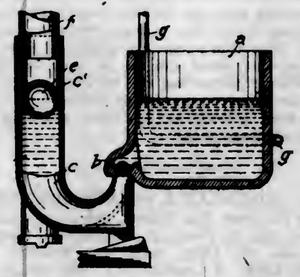


1,573,517. VENDING MACHINE. GEORGINA A. JOHNSTON, Los Angeles, Calif. Filed Dec. 6, 1923. Serial No. 678,868. 18 Claims. (Cl. 4—247.)



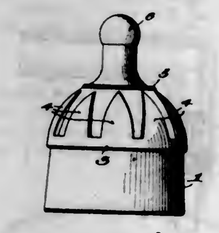
1. In combination with a toilet including a seat, a receptacle for paper, means to feed said paper from said receptacle over said seat in one direction, means to stop said sheet feeding means, and additional means for removing said sheet from said seat in a direction opposite to the first mentioned direction and in the same plane.

1,573,518. CASTING MACHINE. ALBERT KAUFMANN, Berlin, Germany. Filed Sept. 22, 1925. Serial No. 57,924. 8 Claims. (Cl. 22—69.)



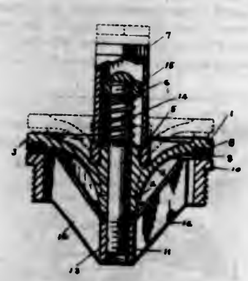
1. Casting machine comprising a casting reservoir, means for supplying fluid under pressure to said reservoir, and a float in said reservoir which is adapted to rest on, and partly to be immersed in, the molten metal in said reservoir.

1,573,519. NURSING NIPPLE. JESSE LITTLE, Lakewood, R. I., assignor to Davol Rubber Company, Providence, R. I. Filed Mar. 23, 1925. Serial No. 17,661. 3 Claims. (Cl. 128—252.)



1. In a breast nipple, a body having a dome; at its base provided with an external integral circular band and external tapering spaced fingers extending upwardly from the band and merging into the top part of the dome, a circular external rib integral with the dome and spaced above the free ends of the fingers, and a nipple proper extending upwardly from the top of the dome and having its base disposed adjacent to the free ends of the fingers, the fingers tapering in thickness from the outer or base ends thereof to the free ends thereof and merging substantially into the top of the dome at their said free ends.

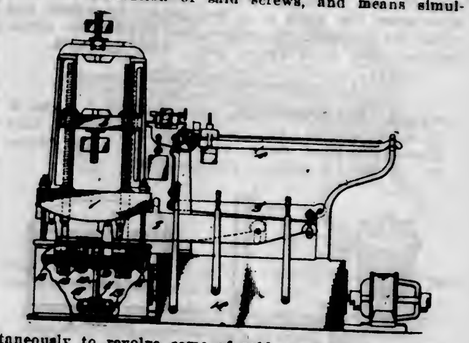
1,573,520. VALVE. JOHN C. MCNAB, Rochester, N. Y. Filed Aug. 25, 1924. Serial No. 733,979. 2 Claims. (Cl. 251—144.)



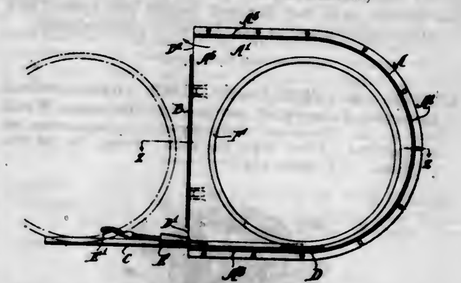
2. A valve having a seat, a hub located centrally thereof, a valve stem threaded into said hub and extending upwardly therefrom, a cover for said valve having a conoidal web making a sliding engagement with said stem, a nipple surrounding said stem forming a part of said cover and extending upwardly therefrom, a spring surrounding said stem and resting upon the nipple below, a head on top of said stem which confines said spring from above, a bonnet making threaded connection with said nipple and enclosing the spring and stem, said conoidal web extending down from the cover and below the valve seat and with the nipple making a long bearing with the stem.

1,573,521. TESTING MACHINE. WILLIAM C. MORAN, Laurel Springs, N. J., assignor to Riehle Bros. Testing Machine Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Aug. 8, 1925. Serial No. 48,998. 3 Claims. (Cl. 265—16.)

1. A testing machine including stationary and movable specimen supports, more than two load screws operatively engaging said movable support and adapted to move the same relatively to said stationary support with the revolution of said screws, and means simultaneously to revolve some of said screws in a direction opposed to the direction of rotation of the other of said screws.

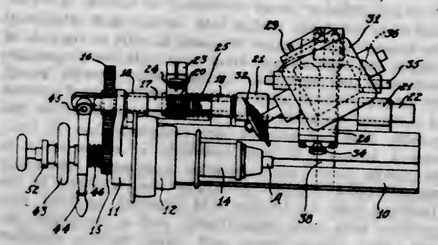


1,573,522. RING-HEATING FURNACE. RIDGEWAY REGARS, Burlington, N. J., assignor to United States Cast Iron Pipe & Foundry Company, Burlington, N. J., a Corporation of New Jersey. Filed Jan. 25, 1924. Serial No. 688,427. 1 Claim. (Cl. 263—5.)



A narrow upright furnace for heating steel rings having side walls, a curved rear wall and an open front of substantially the height of the furnace, in combination with a door formed to partially close the open front of the furnace and leave openings at the top and bottom thereof and a ring support located at the bottom of the furnace shaped as described to hold the band above the furnace bottom.

1,573,523. THREAD-GRINDING MACHINE. STEPHEN RICHARD, Jr., Sturbridge, Mass. Filed Dec. 18, 1924. Serial No. 756,817. 5 Claims. (Cl. 51—95.)



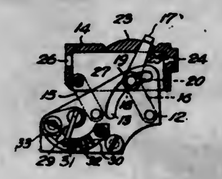
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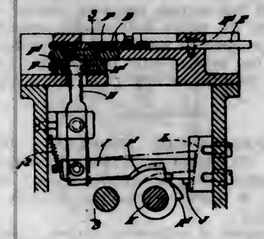
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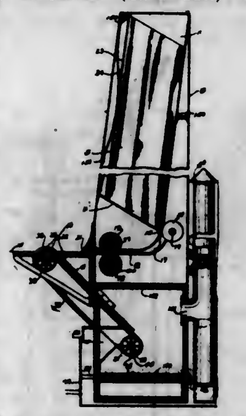
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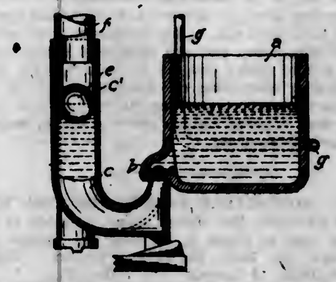


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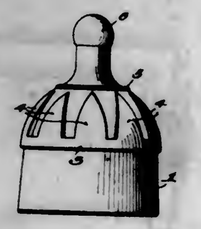
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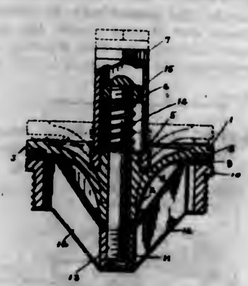
1. Casting machine comprising a casting reservoir, means for supplying fluid under pressure to said reservoir, and a float in said reservoir which is adapted to rest on, and partly to be immersed in, the molten metal in said reservoir.

2,573,519. NURSING NIPPLE. JESSE LITTLE, Lakewood, R. I., assignor to Davol Rubber Company, Providence, R. I. Filed Mar. 23, 1925. Serial No. 17,661. 3 Claims. (Cl. 128—252.)



1. In a breast nipple, a body having a dome; at its base provided with an external integral circular band and external tapering spaced fingers extending upwardly from the band and merging into the top part of the dome, a circular external rib integral with the dome and spaced above the free ends of the fingers, and a nipple proper extending upwardly from the top of the dome and having its base disposed adjacent to the free ends of the fingers, the fingers tapering in thickness from the outer or base ends thereof to the free ends thereof and merging substantially into the top of the dome at their said free ends.

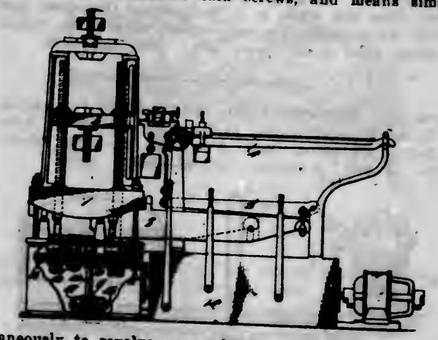
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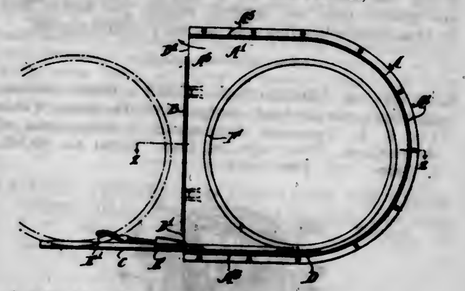
2. A valve having a seat, a hub located centrally thereof, a valve stem threaded into said hub and extending upwardly therefrom, a cover for said valve having a conoidal web making a sliding engagement with said stem, a nipple surrounding said stem forming a part of said cover and extending upwardly therefrom, a spring surrounding said stem and resting upon the nipple below, a head on top of said stem which confines said spring from above, a bonnet making threaded connection with said nipple and enclosing the spring and stem, said conoidal web extending down from the cover and below the valve seat and with the nipple making a long bearing with the stem.

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1. A testing machine including stationary and movable specimen supports, more than two load screws operatively engaging said movable support and adapted to move the same relatively to said stationary support with the revolution of said screws, and means simultaneously to revolve some of said screws in a direction opposed to the direction of rotation of the other of said screws.

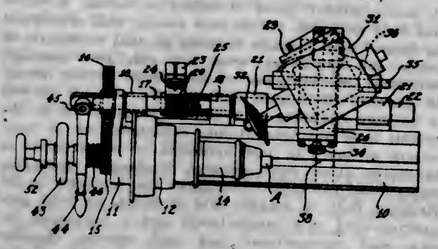


1,573,522. RING-HEATING FURNACE. RIDGEWAY REGARS, Burlington, N. J., assignor to United States Cast Iron Pipe & Foundry Company, Burlington, N. J., a Corporation of New Jersey. Filed Jan. 26, 1924. Serial No. 688,427. 1 Claim. (Cl. 263—5.)



A narrow upright furnace for heating steel rings having side walls, a curved rear wall and an open front of substantially the height of the furnace, in combination with a door formed to partially close the open front of the furnace and leave openings at the top and bottom thereof and a ring support located at the bottom of the furnace shaped as described to hold the band above the furnace bottom.

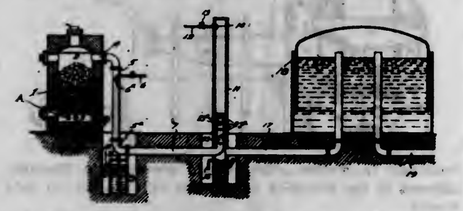
1,573,523. THREAD-GRINDING MACHINE. STEPHEN RICHARD, Jr., Sturbridge, Mass. Filed Dec. 18, 1924. Serial No. 756,817. 5 Claims. (Cl. 51—95.)



1. In a device of the character described, a base, a rotatable work holder mounted thereon, an abrasive wheel adapted to operate upon the work, a pivoted support mounted on the base and adapted to carry the

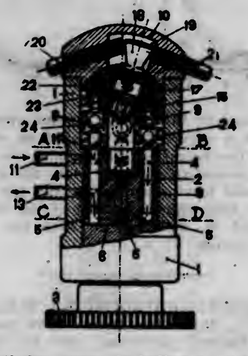
abrasive wheel, means to swing the pivoted support toward or away from the work, means for moving the support and abrasive wheel longitudinally of the work when the wheel is in engagement therewith, and means for returning the support and wheel to its initial position when it is swung away from the work.

1,573,524. GASEOUS FUEL PRODUCTION. JAMES R. ROSE, Edgeworth, Pa., assignor of one-half to John Harris, Cleveland, Ohio. Filed May 28, 1923. Serial No. 641,883. 5 Claims. (Cl. 48—205.)



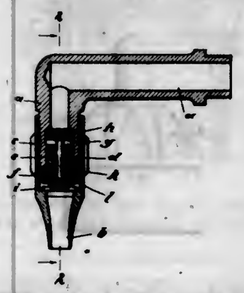
1. The process of manufacturing an enriched gas which consists in generating blue water gas, cooling such gas and conducting the same through a mixing tower or chember, and adding to such gas while in transit through said mixing chamber or tower a regulated quantity of liquefied hydrocarbon gas having a vapor tension of not less than twenty-five pounds per square inch and not greater than five hundred pounds per square inch at atmospheric pressure and ordinary temperatures.

1,573,525. MULTICYLINDER PUMP. HENRI SANDOZ, Tavannes, Switzerland, assignor to Tavannes Watch Co., S. A., Tavannes, Switzerland, a Corporation of Switzerland. Filed Sept. 29, 1925. Serial No. 59,262. 1 Claim. (Cl. 103—162.)



A multi-cylinder pump including a casing, a cylindrical body rotatable within said casing, said cylindrical body formed with passages disposed parallel to its axis of rotation and equi-distant from said axis, such passages constituting the cylinders of said multi-cylinder pump, said casing formed with diametrically opposed suction and delivery chambers with which the cylinders on the rotatable body are brought into communication in turn, plungers arranged in said cylinders, a compartment in said casing above said plungers, a plunger connecting member located in said compartment and rotatable by the cylindrical body to actuate said plungers, an inlet pipe connected with said compartment and a connection between said compartment and said suction chamber whereby the liquid to be drawn in will pass through said compartment and will be subjected to energetic agitation by said plunger connecting member and will lubricate the movable parts of the pump.

1,573,526. FAUCET OR TAP FOR WATER PIPES, ETC. OTTO SCHOTT, Stuttgart, Germany, assignor to Walter Grahler, Panoramastr, 31, Degerloch, Stuttgart, Germany. Filed Aug. 29, 1923. Serial No. 660,001. 4 Claims. (Cl. 277—27.)



4. In a faucet, a discharge pipe, an offset shoulder in the wall thereof to provide an enlarged bore at the lower end of the pipe, said pipe being internally threaded from the lower end thereof to a point in spaced relation to said shoulder, an exteriorly threaded nipple operatively mounted in said threaded end of said pipe, the upper end of said nipple being positioned in spaced relation to said shoulder, a disk loosely positioned between said shoulder and the upper end of said nipple, said disk adapted to seat on the upper end of said nipple and close the bore, therein, said pipe being exteriorly threaded and an internally threaded nozzle member operatively mounted on the lower end of said pipe, an offset shoulder in the wall of the bore of said nipple, a spider supported by said offset shoulder, a pin coaxially fixed to said spider so as to project upwardly therefrom, a packing washer mounted on said pin and arranged to seat against the lower end of said nipple, whereby the nozzle may be rotated to open and close the lower end of said nipple, the upper end of said pin positioned against said disk whereby the same is held away from its seat in said nipple in the operation of said valve.

1,573,527. FLYING TOP. RUDOLPH SIMONEK, New York, N. Y., assignor of one-half to Michael Pilnacek, New York, N. Y. Filed June 26, 1025. Serial No. 39,853. 1 Claim. (Cl. 244—2.)



An aerial top embodying a plurality of radially extending lifting blades supported at their outer ends by an integral ring of hollow circular cross section, said top being provided with two coaxial pegs one of which extends upwardly and is adapted to cooperate with a ceiling and the other one of which extends downwardly and is adapted to cooperate with a floor, in combination with operating means for said top comprising

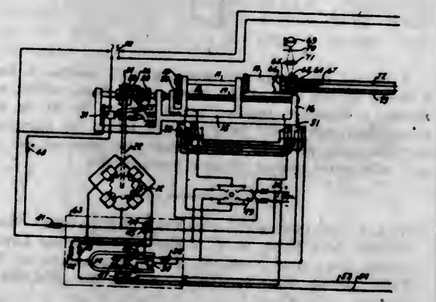
a handle, a drum rotatably mounted on the handle and provided in its end with a hole into which the lower peg of the top is adapted to seat, a cord having one of its ends secured to the drum and the remaineder of the cord being adapted to be wound on the drum, arms carried by the drum and projecting beyond the end thereof and into engagement with the blades to preclude relative rotation between the top and the drum when the peg of the top is in engagement with the hole of the drum.

1,573,528. FOOTWEAR. MARIUS M. SORENSEN, Vallerod, Denmark, assignor of one-half to Ernst Frederik Henry Enna, Copenhagen, Denmark. Filed July 30, 1923. Serial No. 648,669. 4 Claims. (Cl. 36—14.)



1. In an article of footwear, the combination of two members and an interposed strip of crude rubber in sheet form united to the members by pressure, without vulcanization and constituting the sole connecting means between the members, said members being of material other than crude rubber.

1,573,529. PICTURE-TRANSMISSION SYSTEM. DONALD M. TERRY, New York, N. Y., assignor, by mesne assignments, to Western Electric Company, Incorporated, a Corporation of New York. Filed Feb. 9, 1925. Serial No. 7,739. 7 Claims. (Cl. 178—5.)



1. In a picture transmission system, a transmitting and a reproducing station, means at the transmitting station for transmitting picture characteristics as an electric wave, means at the reproducing station responsive to the wave for controlling the reproduction of the picture, means associated with said transmitting means for testing the operation thereof, a signaling device, and means at said reproducing station for also causing the operation of said testing means for controlling the operation of said signaling device.

1,573,530. BED BOTTOM FOR HOSPITAL BEDSTEADS. WILLIAM A. WEAVER, Philadelphia, Pa. Filed Oct. 20, 1923. Serial No. 669,642. 4 Claims. (Cl. 5—69.)

1. In a bed of the character stated, a frame, a head section and a body section adjustably mounted upon said frame, a bearing bracket, and a pair of threaded actuating means rotatably mounted in said bracket in vertical



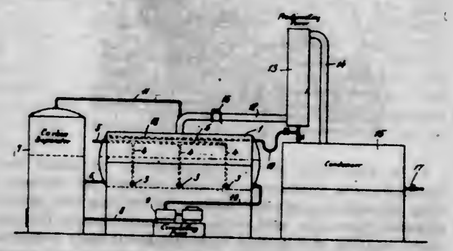
alignment with each other, for adjusting said head section and said body section respectively.

1,573,531. SCREW-THREADED ATTACHING DEVICE. ARVIN C. WEBSTER, Detroit, Mich. Filed Mar. 9, 1925. Serial No. 14,035. 2 Claims. (Cl. 85—32.)



1. In combination, two sheet metal members having aligned apertures therein, a securing fitting consisting of a strip of sheet metal having ends secured to one of said members and having an intermediate thickened portion formed by bending the intermediate portion of the strip upon itself, a screw threaded opening in said thickened portion and a screw extending through all of said openings with its head abutting the other said member, for securing said members together.

1,573,532. PROCESS AND APPARATUS FOR DECOMPOSING OILS. CLIVE MORRIS ALEXANDER, New York, N. Y. Filed Oct. 9, 1919. Serial No. 329,625. 10 Claims. (Cl. 196—70.)

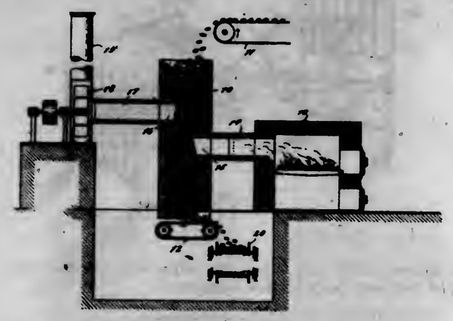


1. A process of decomposing oil, comprising injecting a lighter oil in an atomized liquid form below the surface of a bath of heavy oil, heated to a temperature sufficient to decompose the lighter oil, at such a depth that the lighter oil will be cracked before vaporization collecting the oil formed as the result of the cracking, leading said heavy oil from the still, removing the carbon therefrom and returning it to the still.

1,573,533. METHOD AND APPARATUS FOR DRYING OR CALCINING. JAMES A. BARR, Mount Pleasant, Tenn., assignor to The International Agricultural Corporation, New York, N. Y., a Corporation of New York. Filed Apr. 9, 1924. Serial No. 705,402. 11 Claims. (Cl. 34—34.)

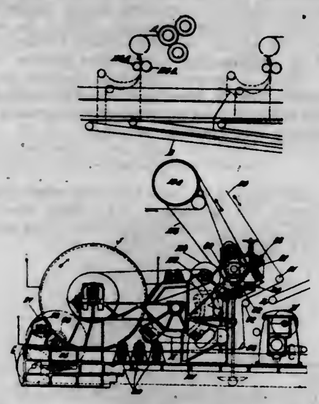
1. An apparatus for heat-treating material, comprising a shaft having an entrance for material at the top and

an exit therefor at the bottom, means for withdrawing said material from the shaft, means for admitting furnace or other drying gases intermediate the ends of said shaft



and suction means for withdrawing all of said gases from contact with the material undergoing heating at points intermediate the ends of said shaft.

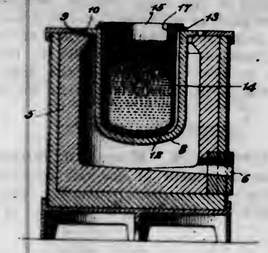
1,573,534. MANUFACTURE OF INLAID FLOOR-CLOTHS. EDWARD BATTEN and JAMES DENNE BATTEN, Beckenham, England. Filed Oct. 6, 1924. Serial No. 741,932. 23 Claims. (Cl. 154—21.)



1. In apparatus for the manufacture of inlaid floor cloths by the continuous process, means for feeding a strip of pattern material, means for cutting out pattern elements from the said strip, automatic means for partially rotating said pattern elements about their own axes after being cut, means for feeding a backing, and means for automatically assembling said pattern elements on said backing.

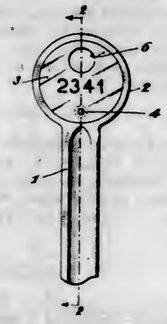
1,573,535. POT OR CRUCIBLE. ARTHUR E. BELLIS, Springfield, Mass., and CHARLES S. COLLINS, New York, N. Y., assignors, by mesne assignments, to The Bellis Heat Treating Company, New Haven, Conn., a Corporation of Connecticut. Filed Oct. 18, 1920. Serial No. 417,785. 3 Claims. (Cl. 263—48.)

3. A pot or crucible for use in the heat treatment of high speed tool steels adapted to contain a heat transfer bath consisting of a solution of chemical salts neutral to the metal to be treated and dissociating at high temperatures into a basic oxide and an acid gas, said pot or crucible having a wall structure formed from a ferrous metal alloy and containing, in combination with the other components, not more than two percent each of carbon, silicates, aluminates, or other basic impurities whereby said wall structure is capable of withstanding a temperature of 1800° F. or greater without releasing im-



purities from said wall structure into the bath solution and whereby said solution is maintained neutral to the surface of the metal being treated.

1,573,536. KEY. EDGAR M. BENHAM, Norwood, Ohio, assignor to The Mosler Lock Company, Covington, Ky., a Corporation of Ohio. Filed Mar. 10, 1924. Serial No. 698,057. 1 Claim. (Cl. 40—2.)



A key of the character described and having a head, a recess on one side of the head, and a flange about said recess, a separate number plate shaped to fit in said recess flush with said flange, and a screw for removably securing said plate in said recess, the head of the key and said plate having aligned perforations.

1,573,537. PAINT AND VARNISH REMOVER. GUIDO BLENIO, New York, N. Y., assignor to Proofing Laboratories, Inc., New York, N. Y., a Corporation of New York. Filed Apr. 23, 1920. Serial No. 376,060. 2 Claims. (Cl. 87—5.)

1. A paint and varnish remover comprising paint and varnish solvents, and dissolved rubber, one said solvent being oil of mirbane, the proportion of oil of mirbane being as high as 15 per cent.

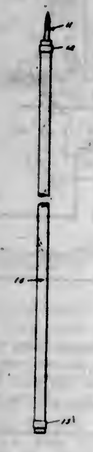
1,573,538. METAL CASEMENT WINDOW. CHARLES S. BOCK, Chicago, Ill., assignor to Andrew Hoffman Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Feb. 20, 1924. Serial No. 693,961. 9 Claims. (Cl. 189—69.)



1. A double casement sash of metal construction, wherein the abutting stiles severally comprise a standard metal channel bar which is so positioned in the fabrica-

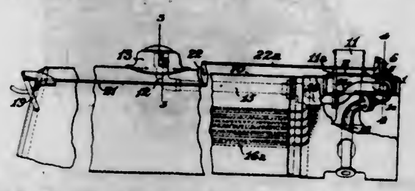
tion as to present outwardly extending flanges in the front and rear planes of either sash portion for abutment against the outwardly extending flanges of the complementary sash portion, and wherein one of the outwardly extending flanges of each sash portion is provided with a strip which laps against the corresponding flange of the other sash portion.

1,573,539. PIKE-POLE GAD. FRED A. BROWN, Los Angeles, Calif. Filed June 7, 1924. Serial No. 718,500. 1 Claim. (Cl. 294—19.)



A pike pole, and a gad fixed on the end of the pole, the gad being polygonal in cross-sectional configuration and having a tapered end portion in the form of a left-handed helix.

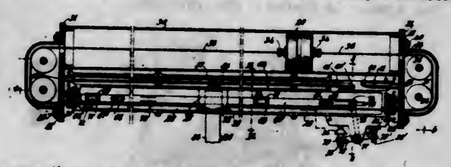
1,573,540. SUPERHEATED-STEAM THROTTLE VALVE. ALFRED W. BRUCE, New York, N. Y. Filed Apr. 25, 1923. Serial No. 634,480. 5 Claims. (Cl. 122—462.)



1. In a boiler of the locomotive type, the combination of a casing, having a flattened top and closing an opening in the top of the smoke box of the boiler; a superheater header in the smoke box; and a throttle valve, located in and supported on the casing, between the stack and the front thereof, and controlling communication between the superheater and the steam supply pipes in the smoke box.

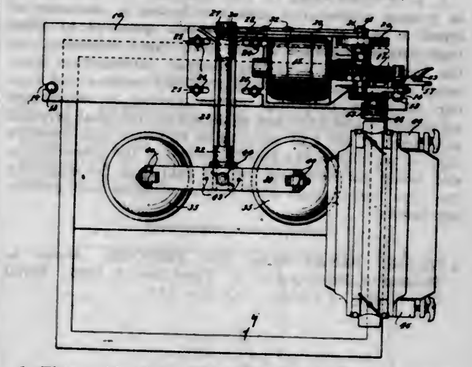
1,573,541. RECIPROCATING MECHANISM FOR WINDSHIELD CLEANERS AND THE LIKE. JOSEPH DEMAND, New York, N. Y., assignor, by mesne assignments, to All Clear Windshields, Inc., Boston, Mass., a Corporation of Massachusetts. Filed Feb. 23, 1921. Serial No. 447,070. 9 Claims. (Cl. 121—164.)

1. A reciprocating mechanism for a windshield cleaner, comprising a cylinder, a piston, and means including valved connections for moving said piston in opposite directions in said cylinder, a guideway extending along said cylinder in adjacent parallel relation therewith, a wiper carrier movable along said guideway, movement transmitting means connecting said carrier with said piston whereby on movement of said piston a movement of translation will be imparted to said carrier, and valve operating mechanism engageable by the movable part of said mechanism at a predetermined point in the movement of said carrier in either direction whereby the motor



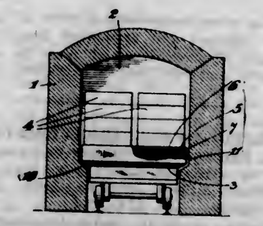
connections may be reversed, thereby effecting a reversal of the direction of movement of said piston and carrier, all parts of said mechanism being at all times confined within a space which exceeds the length of said cylinder by but a relatively small fraction of its length.

1,573,542. WASHING MACHINE. JOHN A. DICKERMAN and HERBERT V. LECKIE, Bridgeport, Conn., assignors to The Dawn Manufacturing Co., Stratford, Conn., a Corporation of Connecticut. Filed May 19, 1921. Serial No. 470,898. 10 Claims. (Cl. 68—19.)



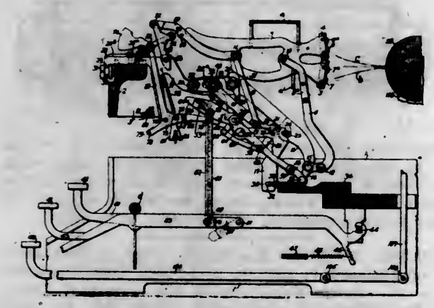
1. The combination with a wash tub, a platform, means for removably attaching the end portions of the platform to the sides of a tub, a motor, a bracket adjustably mounted upon the platform for longitudinal adjustment to center the same with respect to tubs of different widths, a rotatable shaft mounted solely within the bracket, longitudinal adjustable operating connections between the motor and shaft, a cross arm and pounders removably attached to the side of the end portion of the shaft.

1,573,543. TUNNEL KILN. FRANCIS A. J. FITZ GERALD, Niagara Falls, N. Y., assignor to Harper Electric Furnace Corporation, a Corporation of New York. Filed June 1, 1925. Serial No. 33,923. 8 Claims. (Cl. 25—142.)



1. A sagger carrier for use in tunnel kilns consisting of a metal body the top of which is formed as a receptacle, divided refractory heat-insulating material contained in said receptacle, and sagger-supporting members in said material.

1,573,544. TYPEWRITING MACHINE. GEORGE G. GOING, Middletown, Conn., assignor to Remington-Noiseless Typewriter Corporation, New York, N. Y., a Corporation of New York. Filed Jan. 19, 1925. Serial No. 3,365. 73 Claims. (Cl. 197—25.)



1. In a typewriting or like machine, the combination in a type action of a type bar having a plurality of types, a pair of keys therefor each operative to print from one or another of the said types depending on the key actuated, a driving member, intermediate actuating connections between said driving member and type bar including governing means having a momentum accumulator and arranged to decelerate the final printing movement of the type bar and to translate into pressure against the platen the kinetic energy of the accumulator, and means controlled by both of said keys for actuating the type bar through said driving member and governing means.

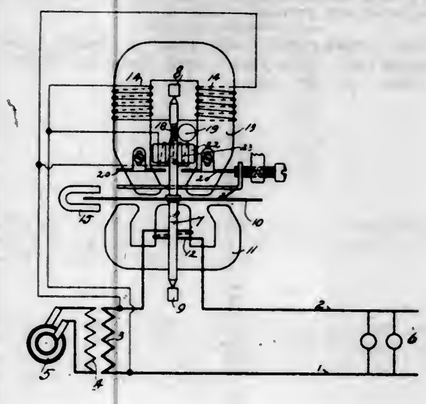
1,573,545. INNER RING FOR PISTONS. ARDEN L. HAMILTON, Brooklyn, N. Y. Filed Mar. 9, 1925. Serial No. 13,953. 3 Claims. (Cl. 29—182.)



3. Inner ring stock comprising a strip of spring steel longitudinally crimped and graduated longitudinally to show the length of material which must be cut from a strip to properly cooperate with a particular piston size.

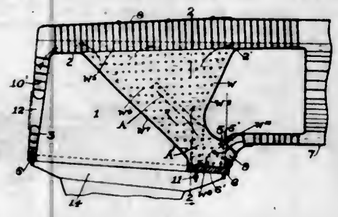
1,573,546. INDUCTION ELECTRICITY METER. JESSE HARRIS, La Fayette, Ind., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind., a Corporation of Illinois. Filed June 15, 1925. Serial No. 37,173. 3 Claims. (Cl. 171—264.)

3. An induction electricity meter including a torque producing magnet system provided with current and pressure windings in inductive relation to the motor armature, and a supplemental magnetic flux producing device having a magnetizable core arranged in a path for flux produced by said magnet system that shunts the meter armature and having an energizing circuit whose resistance increases and decreases more upon increase and decrease in temperature than the resistance of said



pressure winding increases and decreases, said supplemental flux producing device being arranged to have its flux flow oppositely to the flux of said magnet system flowing in said path that shunts the armature.

1,573,547. LOCOMOTIVE BOILER. CHARLES GILBERT HAWLEY, Chicago, Ill., assignor to Locomotive Firebox Company, Chicago, Ill., a Corporation of Delaware. Filed May 13, 1922. Serial No. 560,654. 2 Claims. (Cl. 122—71.)

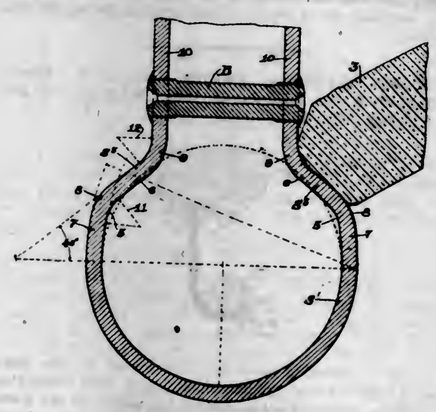


1. In combination with a locomotive boiler firebox including a crown sheet, a throat sheet and a mud ring having a tongue extending rearwardly from said throat sheet, a substantially triangular upright flat tubular water wall having an inlet mouth at one end including a part embracing said mud ring tongue and a part opening through the throat sheet and communicating with the bottom water space of the boiler, the other end of the water wall opening through the crown sheet and communicating with the top water space of the boiler.

1,573,548. BRICK-SUPPORTING THERMIC SIPHON. CHARLES GILBERT HAWLEY, Chicago, Ill., assignor to Locomotive Firebox Company, Chicago, Ill., a Corporation of Delaware. Filed May 13, 1922. Serial No. 560,670. 2 Claims. (Cl. 122—71.)

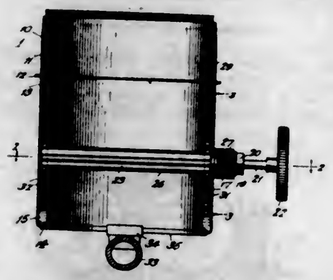
1. A thermic siphon including spaced parallel side walls and a bulged tubular bottom portion of a diameter greater than the spacing between said side walls, the lower part of said bottom portion being semi-cylindrical

and the upper part thereof including walls substantially parallel with said side walls, there being inclined ledge walls between and connecting said parallel side walls



and said walls forming the upper part of said bulged bottom portion, which ledge walls each provides a full face contact seat for one end of an associated fire brick.

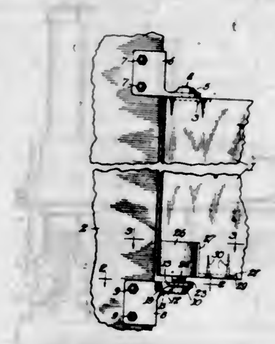
1,573,549. LIQUID-FUEL BURNER. WILLIAM C. HOMAN, Meriden, Conn., assignor to Lewis T. Wilcox, Peekskill, N. Y. Filed May 28, 1925. Serial No. 33,334. 6 Claims. (Cl. 67—60.)



1. In a liquid fuel burner, a casing, a wick holder therein, the said wick holder being provided in diametrically opposite positions with longitudinal slots, and devices extending centrally through the casing and engaging the edges defining the sides of the said slots in the wick holder for simultaneously imparting a uniform movement to the said wick holder.

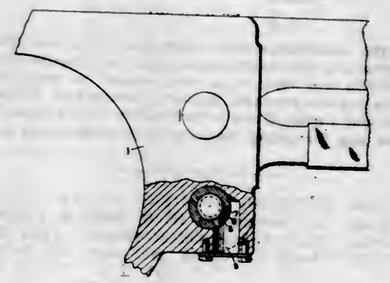
1,573,550. SPRING HINGE. WILLIAM J. KEENE, Chicago, Ill., assignor to Chicago Spring Hinge Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 9, 1923. Serial No. 656,595. 2 Claims. (Cl. 16—182.)

1. A double acting spring hinge comprising a bracket having spaced attaching plates and an arm having an aperture with an annular seat around the aperture and a recess extending radially from the aperture between and communicating with the space formed between the side plates of the bracket, a bushing in the aperture having an annular flange rotatable engaged in the seat flush with the top of the arm and provided with a radially outwardly extending arm disposed in the recess of the bracket, an adjusting member rotatably mounted in the side flanges of the bracket and extending across the recess, said adjusting member having threaded engagement with the radial arm and held against longitudinal



movement to adjust the bushing, a spindle having a squared end fitting a socket in the bushing, and a hinge casing journaled on and oscillatable around the spindle.

1,573,551. PEEPHOLE FOR THREADS. DAVID C. KLAUSMEYER, Cincinnati, Ohio, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio, a Corporation of Ohio. Filed July 8, 1921. Serial No. 483,230. 4 Claims. (Cl. 77—28.)

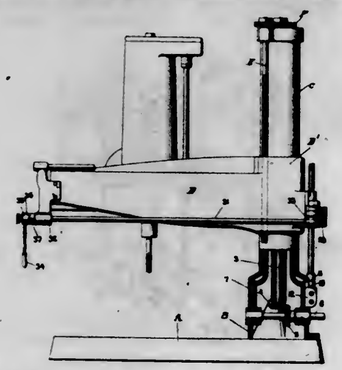


1. In a machine-tool a movable member in combination with a nut and screw arranged to move said member; said nut being formed to render visible a section of its internal thread, whereby the wear on said thread may be made apparent before the thread becomes unduly weakened.

1,573,552. COLUMN-BINDER-CONTROL LINKAGE. DAVID C. KLAUSMEYER, Cincinnati, Ohio, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Aug. 24, 1921. Serial No. 494,830. 3 Claims. (Cl. 77—28.)

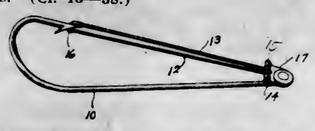
1. A radial-drill comprising an upright post; a sleeve rotatably mounted on said post; a radial arm slidably mounted on said sleeve; a clamp located at the base of said sleeve for binding the sleeve to said post and having a slot therein on the side of the post opposite to the arm; a horizontal shaft located back of said arm; a vertical shaft located on said sleeve on the side opposite to said arm for operating said clamp; mechanism for operatively connecting the horizontal shaft to the vertical shaft while permitting vertical movement of the hori-

zontal shaft and arm with respect to the vertical shaft; an operating handle located on the horizontal shaft at the outer end of the arm for solely operating the shafts



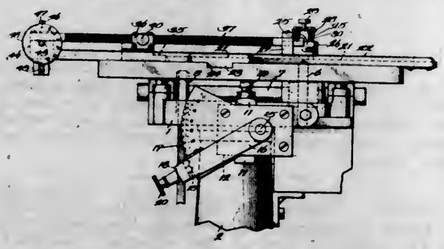
and said clamp; and clutch means for connecting the operating handle to the horizontal shaft and for permitting the adjustment of the handle with respect to the horizontal shaft.

1,573,553. FISHHOOK. JOSEPH KLIPEC, Cleveland, Ohio. Filed Nov. 6, 1924. Serial No. 748,048. 9 Claims. (Cl. 43—38.)



3. The combination with a fish hook, of a weed guard comprising a wire doubled upon itself to comprise a loop adapted to bear against the inner side of the hook point, and having the two ends pivotally mounted on the hook shank and a pair of cam surfaces acting on the two legs of the loop for giving the loop an outward spring pressure.

1,573,554. BEVELING MACHINE. WILLIAM J. KNOLL, Chicago, Ill., assignor to H. B. Rouse & Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 13, 1924. Serial No. 737,507. 5 Claims. (Cl. 29—69.)



1. A beveling cutter; a work support for positioning the material, this support and cutter being relatively movable to enable the cutter to cut the work upon the support; a gauge for determining the over all length of the portions cut and beveled; and a supplemental gauge for modifying the adjustment of the first gauge to measure the length between the overhung bevel edges of the portions being cut and beveled.

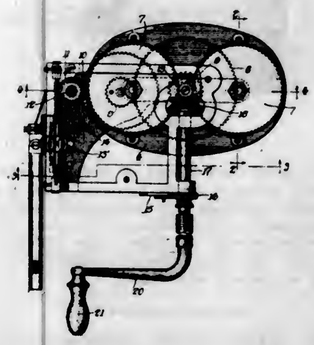
5. A beveling cutter; a work support for positioning the material, this support and cutter being relatively movable to enable the cuter to cut the work upon the support; a gauge for determining the over all length of the portions cut and beveled inclusive of an adjustable gauge stop and a measuring bar along which the stop is movable; and a supplemental gauge for moving the measuring bar longitudinally in measuring the length between the overhung bevel edges of the portions being cut and beveled.

1,573,555. SNUBBING DEVICE. ROYAL S. LEWIS, Yakima, Wash. Filed Apr. 1, 1924. Serial No. 703,499. 4 Claims. (Cl. 267—8.)



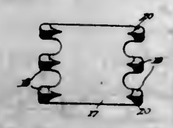
1. In a snubbing unit for attachment to the body and I-beam axle of an automobile, said unit embodying a resilient snubbing strap element connected to the lower part of said axle, anchoring means adapted to be applied to said axle and comprising a hook plate having a hook portion for hooking over one of the bottom flanges of said axle, the said plate in arranged relation extending across under and in engagement with the lower face of said axle, a fulcrum plate having rocking engagement with said hook plate and having a lip for engagement with the upper face of the other bottom flange of said axle, means for drawing and holding the lip of said fulcrum plate toward said hook plate against the intervening flange of said axle, and means for securing said snubbing strap against the face of said hook plate.

1,573,556. SPRING MOTOR. JOHN A. LUNDEN, Chicago, Ill., assignor to Lakeside Supply Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 21 1923. Serial No. 663,992. 5 Claims. (Cl. 185—39.)



1. The combination with a coiled spring; of a winding gear element with which one end of the spring is assembled; a rotatable load operating element with which the other end of the spring is assembled; a second winding gear element in mesh with the aforesaid winding gear element; a winding shaft in driving relation to the second winding gear element; a mounting upon which said spring, the first aforesaid winding gear element, and the load operating element turn together bodily; and a detent associated with the winding shaft permitting rotation of said shaft in a winding direction and preventing reverse rotation of the shaft.

1,573,557. TEMPORARY BALE FASTENING. ALEXANDER S. MACKENZIE, Houston, Tex., assignor to Clayton Gin Compress Company, Houston, Tex., a Corporation of Texas. Filed Mar. 2, 1925. Serial No. 12,643. 10 Claims. (Cl. 24—153.)



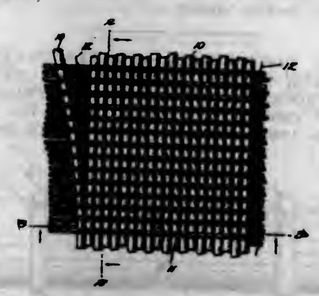
1. A fastener of the class described comprising a body portion; short, overhanging hooks at one end of said body portion; and a relatively long, straight hook at the opposite end of said body portion provided with a barb.

1,573,558. WIRE BASKET OR RECEPTACLE. LYNN W. MACOMBER, Battle Creek, Mich., assignor, by mesne assignments, to United Steel & Wire Company, Battle Creek, Mich., a Corporation of Michigan. Filed Dec. 5, 1923. Serial No. 678,652. 4 Claims. (Cl. 220—19.)



1. A wire receptacle comprising a plurality of wire side hoops, a wire bottom hoop, angled integral side and bottom hoop, angled integral side and bottom slat members formed of folded pieces of wire disposed with their bights at the bottom and welded to said side and bottom hoops, the bottom hoop being disposed adjacent the angles of said slat members, the bight portions of said members being disposed in an annular relation and arranged in overlapping relation so that each overlaps the adjacent members, the overlapping parts of said members being welded together, and tie members connecting the inner ends of opposed slat members.

1,573,559. FABRIC. FRED B. MANLEY, Paterson, N. J., assignor to Textiles Development Corporation, New York, N. Y., a Corporation of Delaware. Filed Oct. 17, 1922. Serial No. 595,142. 7 Claims. (Cl. 139—415.)



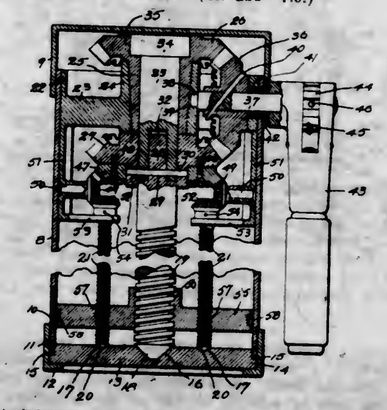
1. A hose of belting duck, comprising a warp of straight, parallel cord or yarn strands lying in a single plane without undulations and substantially in contact with each other, a filler of yarn weft strands resting without undulations on opposite sides of the warp, said weft strands being relatively widely spaced, and a single binder strand of relatively small size between adjacent cords for interlocking the filler strands and serving to maintain the cord warp strands and the weft strands in position, adjacent binder strands being similarly disposed relative to the cord warps and filler strands, the weft strands being of sufficient size and proximity to each other to give a greater resistance to bending crosswise of the weft strands than lengthwise of the weft strands.

1,573,560. TELEPHONE-DIRECTORY STAND. MILTON HENRY MANN, San Francisco, Calif. Filed Sept. 24, 1924. Serial No. 739,634. 1 Claim. (Cl. 45—31.)



A top for tables, stands and the like comprising a frame adapted to embrace the upper end portions of the legs of a table and to be connected thereto and to be supported horizontally thereby, said frame having its lateral portions constructed relatively thick and deep and depending from the edge portions of the upper face of the frame, certain of said lateral portions having transverse recesses, and guideways extending transversely of the frame and forming extensions of said recesses, certain of said guideways being arranged one above the other in parallel horizontal planes, slidable boards closely fitted in said guideways and extending at one end through the recesses and constructed so that their outer end surfaces extend flush with the outer surfaces of the recessed lateral portions when the boards are wholly disposed in the guideways and recesses whereby the outer faces of said lateral portions may appear continuous, the inner edge of said frame having a rabbet and a horizontally extending transparent plate wholly disposed in the said rabbet and forming a continuation of the upper surface of the frame and constituting a panel.

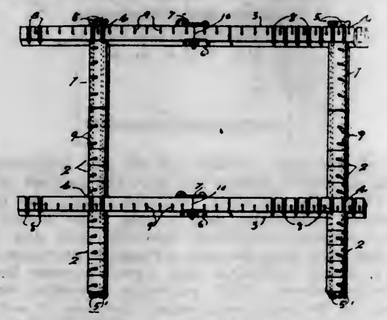
1,573,561. LUBRICATING APPARATUS. SIM MANNING, St. Louis, Mo., assignor of one-third to Richard Willis, St Louis, Mo. Filed July 30, 1923. Serial No. 654,590. 2 Claims. (Cl. 221—7.9.)



2. A lubricator comprising a casing, a cover and a bottom secured thereto, a piston located within said casing, a plurality of gears located within the casing adja-

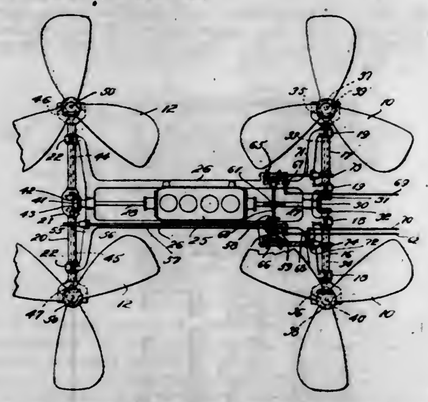
cent the cover, a ratchet mechanism located without said casing for operating said gears, a screw carried by one of said gears and extending centrally through said piston for raising and lowering the same, screws carried by certain of said remaining gears and extending through said piston for preventing the same from turning, said last mentioned screws having a finer lead than the first mentioned screw and adapted to be rotated proportionately faster so that all of said screws will feed equally, and a charging opening located in the side of said casing at a point below the piston when the same is raised.

1,573,562. CURTAIN STRETCHER. THOMAS MIERSMA, Muskegon, Mich. Filed Nov. 17, 1924. Serial No. 750,367. 3 Claims. (Cl. 45—24.)



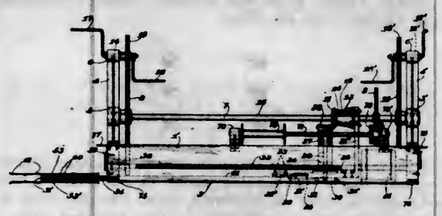
1. In a curtain stretcher frame, side rails having laterally disposed slots therein, end rails made up of a number of short longitudinally adjustable sections each section having holes therethrough longitudinally, bolts passed through said holes and arranged to pass into the slots in the side rails, and thumb nuts on said bolts, all arranged to clamp one end of the side rails firmly to the end rails and the other side rail firmly between two sections of each of the end rails, and hooks thereon for securing the curtains in place upon the frame.

1,573,563. HELICOPTER. EDWARD Y. MOORE, Cleveland, Ohio. Filed Mar. 28, 1923. Serial No. 628,206. 6 Claims. (Cl. 244—19.)



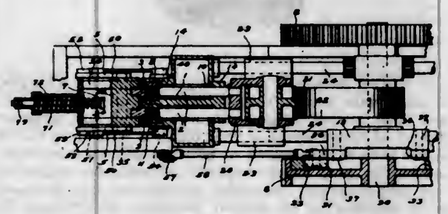
1. In a helicopter, the combination of a frame, of four propellers, a motor geared with all of said propellers for rotating them, mechanism for varying the position of the axis of rotation of two of the propellers as a unit, two mechanisms for respectively varying the axis of rotation of the other propellers, and three controls for said three mechanisms.

1,573,564. MINING MACHINE. HESS P. MORGAN, Lisbon, Ohio. Filed Mar. 31, 1924. Serial No. 703,137. 5 Claims. (Cl. 262—27.)



1. A mining machine comprising a frame, supporting means fixed to the opposite ends of the frame, a driving shaft rotatably mounted in said supporting means, a bodily movable beam slidably carried by said frame, cutters mounted at the free end of the beam, gearing interposed between said shaft and cutters for rotating the same, and means associated with said supporting means for manually applying power to the opposite ends of said driving shaft.

1,573,565. ART OF BRIQUETTING. PAUL C. MULLIGAN, Seattle, Wash., assignor to himself, Herbert G Swalwell, Isaac M. Foster,. and Luther J. Hull, all of Seattle, Wash. Filed July 21, 1924. Serial No. 727,321. 34 Claims. (Cl. 25—85.)



1. In a briquetting press, in combination with a mold sleeve, a head movable to close one end thereof, and a ram reciprocable in its other end, means for controlling the movements of said head and ram to advance a charge before the ram to expel a previously formed briquette, then to close the delivery end of the sleeve with the head after expulsion of the said briquette and before expulsion of the said charge, then to advance the ram to complete the compression of the charge, then to withdraw the ram, and finally to withdraw the head as the ram begins its next advance.

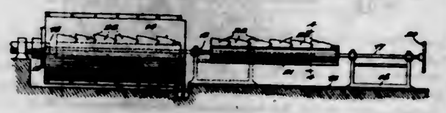
1,573,566. DISTRIBUTING AND PLACEMENT DEVICE FOR PLASTIC MATERIAL IN CENTRIFUGAL PROCESSES AND PROCESS OF USING THE SAME. CLIFFORD R. NICHOLS, Dallas, Tex. Filed Apr. 20, 1925. Serial No. 24,626. 16 Claims. (Cl. 25—30.)



1. In combination with a rotatable form for centrifugally cast products; conveying means mounted within the form to successively relay material longitudinally therethrough; means to effect lateral adjustment of

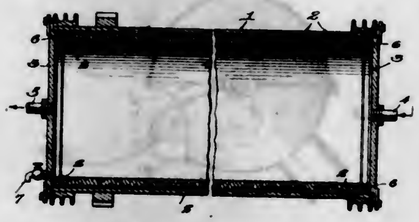
said conveying means within the form during the centrifugal placement of said material therewithin in accordance with the varying inner diameter of the product, and means to permit removing the said conveying means from the form.

1,573,567. CENTRIFUGAL PROCESS OF FORMING AND FINISHING HOLLOW BODIES OF PLASTIC MATERIALS AND APPARATUS THEREFOR. CLIFFORD R. NICHOLS, Detroit, Mich. Filed Oct. 28, 1925. Serial No. 65,483. 17 Claims. (Cl. 25—30.)



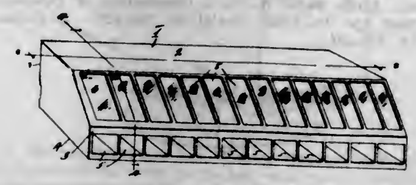
1. In a centrifugal plastic ware machine, the combination of a rotary mold, mold charging means and means carried by the charging means for aiding centrifugal action in simultaneous longitudinal and circumferential placement of the plastic material within the mold.

1,573,568. METHOD OF IMPREGNATING CEMENTITIOUS PRODUCTS. CLIFFORD R. NICHOLS, Detroit, Mich. Filed Nov. 23, 1925. Serial No. 71,009. 6 Claims. (Cl. 25—38.)



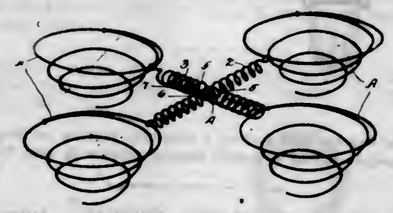
1. The hereindescribed method of impregnating cementitious products, which resides in first determining the water content of the plastic material and the physical characteristics thereof, then rotating the plastic material against a confining surface coated with fusible material, and finally subjecting the interior of the molded product to a fluid heated to a predetermined degree of temperature throughout a period of time to effect melting of the fusible material and uniform impregnation of the product by the fusible material.

1,573,569. DISPLAY AND STORAGE COUNTER. ARMAND PETERSEN, Omaha, Nebr. Filed Jan. 18, 1923. Serial No. 613,343. 1 Claim. (Cl. 211—227.)



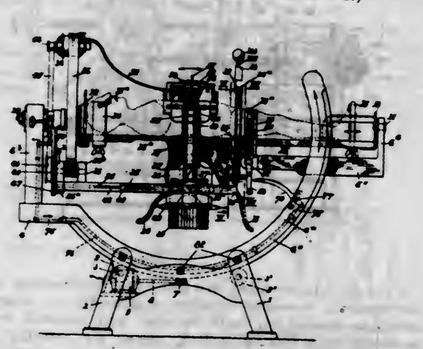
A combined counter and display device, said counter having its upper side horizontally disposed, said upper side terminating in a downwardly and forwardly extending inclined portion, said inclined portion being provided with transparent members, a downwardly and forwardly inclined partition forming a compartment adjacent the upper side of the counter and below the top and inclined portions thereof, a plurality of bins in the front side of the counter and disposed below the compartment, an elongated compartment in the rear side of the counter below the first mentioned compartment, and doors carried by the rear side of the counter below the horizontal upper side thereof and forming means whereby access may be had to the first mentioned compartment.

1,573,570. CONNECTING SPRINGS FOR USE IN BED BOTTOMS AND OTHER PLACES. CORNELIUS B. PLATT and WILLIAM S. BROWN, Carthage, Mo. Filed Nov. 2, 1923. Serial No. 672,303. 6 Claims. (Cl. 5—269.)



6. A helical spring adapted to be used in association with a spring that crosses it, and as a spring connection, having the coils of a short intermediate section of the spring of reduced size as compared with the coils on either side of said section.

1,573,571. TABLE FOR X-RAY TRANSRADIATION. ERNST POHL, Kiel, Germany. Filed May 20, 1924. Serial No. 714,599. 42 Claims. (Cl. 250—34.)

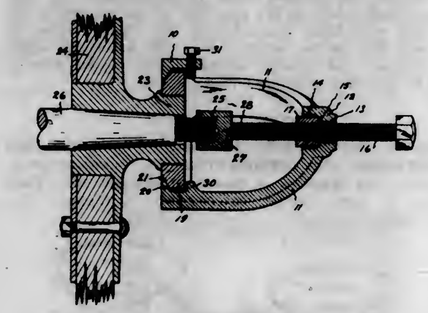


1. A rotatable bed for X-ray transradiation comprising a couch for the patient, means supporting said couch for rotation about a longitudinal axis, means supporting said couch for tilting about a transverse axis, means for transradiating the patient placed on the couch, and means permitting said transradiating means to rotate around said couch regardless of the position of said couch.

1,573,572. WHEEL PULLER FOR MOTOR VEHICLES. FRANK W. REES, Olympia, Wash., assignor to Superior Tool Company, Inc., Olympia, Wash., a Corporation of Washington. Filed Aug. 14, 1924. Serial No. 731,907. 3 Claims. (Cl. 29—85.)

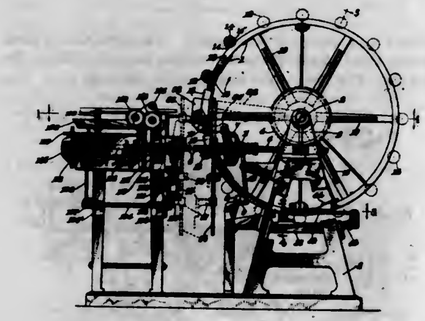
1. In a device of the class described, a frame, having a spherical bearing surface formed therein, a thrust screw

operatively disposed in said frame, and an adapter nut arranged to be secured to an object on which a pull is



to be exerted and having a spherical bearing surface arranged to fit the spherical bearing surface in said frame.

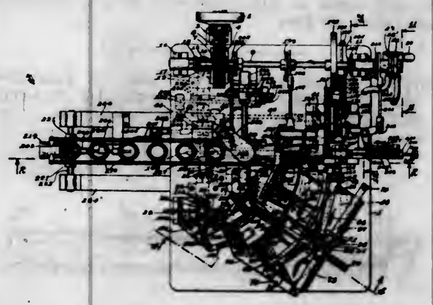
1,573,573. TUBE-FORMING MACHINE. JAMES D. REIFSNYDER, Brooklyn, N. Y., assignor to Tulip Container Corporation, New York, N. Y., a Corporation of New York. Filed Aug. 6, 1924. Serial No. 730,373. 20 Claims. (Cl. 93—81.)



1. In a tube forming machine, the combination of a continuously rotatable member, a plurality of rotatable mandrels carried by said member and adapted to be moved past a feeding station, means for rotating said mandrels to form tubes from paper blanks, a cam connected to each of said mandrels to rotate therewith, a track on which the cams are adapted to move to hold their respective mandrels in proper registration to receive paper blanks, and a second track on which said cams are adapted to move to hold their respective mandrels in proper registration after said paper blanks are wound thereon to form tubes.

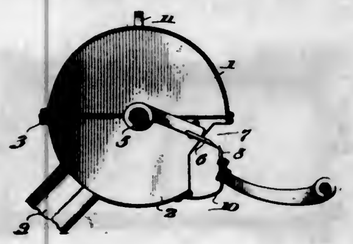
1,573,574. TUBE-FORMING MACHINE. JAMES D. REIFSNYDER, Brooklyn, N. Y., assignor to Tulip Container Corporation, New York, N. Y., a Corporation of New York. Filed Oct. 30, 1924. Serial No. 746,719. 12 Claims. (Cl. 93—79.)

7. In a machine for making tubes, the combination of a winding mandrel adapted to be rotated to wind tubes from strip material, means for intermittently rotating said mandrel in one direction to wind a tube, and



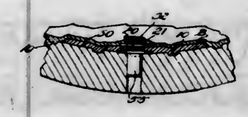
means for rotating said mandrel a fractional revolution in the reverse direction to place said mandrel in proper position to wind the next tube.

1,573,575. SUCTION DEVICE FOR UNHAIRING MACHINES. NOAH REINGOLD and MEYER REINGOLD, New York, N. Y. Filed Mar. 20, 1924. Serial No. 700,543. 5 Claims. (Cl. 149—26.)



5. A device of the character described including upper and lower sections hinged together, a rotary knife mounted therein, the lower section having a cutout portion in the side and end walls thereof forming an open mouth extending throughout the length of said lower section, an air pipe connected with said lower section substantially opposite the mouth, a movable bed knife for cooperating with the rotary knife, and means connected with the bed knife and flexibly connected with the lower edge of the mouth for partially closing said mouth.

1,573,576. FOOTBALL AND METHOD OF MAKING THE SAME. FRED THOMAS ROBERTS, Upper Montclair, and WILLIAM EUGENE ROBERTS, Little Falls, N. J., assignors to Paramount Rubber Consolidated, Inc., Little Falls, N. J., a Corporation of Delaware. Filed Apr. 16, 1923. Serial No. 632,228. 11 Claims. (Cl. 18—59.)



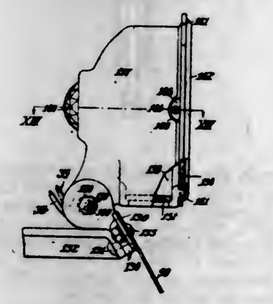
1. The method of making foot balls comprising forming a biscuit of rubber and applying to the same an external patch with a valve casing clamped to the inner and outer face of the patch, and vulcanizing the article as a unit.

1,573,577. METHOD AND APPARATUS FOR MAKING FLUSH-TANK BULBS. FRED THOMAS ROBERTS, Yonkers, N. Y., assignor to Paramount Rubber Consolidated, Inc., Tuckahoe, N. Y., a Corporation of Delaware. Filed Mar. 15, 1924. Serial No. 699,416. 18 Claims. (Cl. 18—56.)



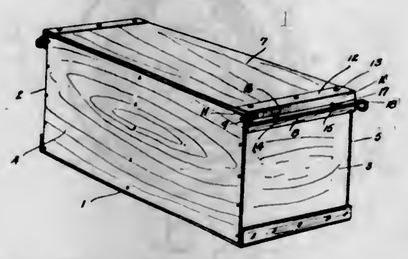
3. The method of making flush tank bulbs comprising the positioning of a spud in the cavity of a forming mold section, surrounding such spud with a mass of raw rubber, placing a sheet of raw rubber over the mouth of the cavity pneumatically forcing such sheet into engagement with the mass of rubber and with the wall of the cavity and then bringing the seated sheet into engagement with other rubber stock and cutting around the junction to form a completed biscuit.

1,573,578. AUTOMOBILE ACCESSORY. EDWIN M. ROSENBLUTH, Wallingford, Pa. Filed Nov. 22, 1921. Serial No. 516,961. 9 Claims. (Cl. 240—8.2.)



3. The combination with a lamp casing formed of complementary, substantially semiannular sections; of an annular plate detachably fitted to said casing, and including means arranged to clamp it on said casing.

1,573,579. LID FASTENER FOR BOXES. CLIFTON H. ROSS, Junction City, Kans. Filed Apr. 13, 1925. Serial No. 22,741. 4 Claims. (Cl. 292—145.)



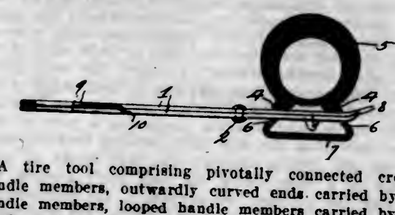
2. In combination, a box, a cover therefor, and means for fastening the cover to the box, said means comprising a tubular member at the end of the box cover extending across the end of the box, and having notches, staples carried by the box engaging the notches, and a rod frictionally engaging the inner wall of a tubular member, and passing into the staples.

1,573,580. CANOPY HOLDER. HARRY E. RUTTLE, Chicago, Ill. Filed Mar. 10, 1924. Serial No. 698,115. 6 Claims. (Cl. 240—100.)



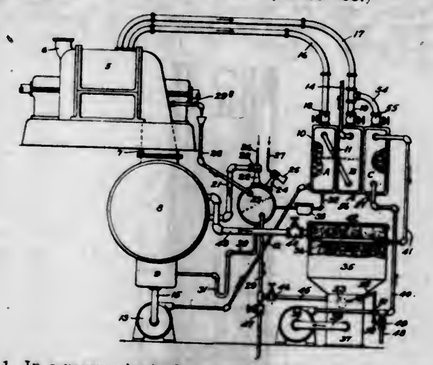
1. A canopy open at the bottom, a support therefor having an upstanding flange part, fasteners embracing said flange part for support, said fasteners having outwardly disposed upstanding arms to receive and support said canopy, and cushioning means to receive the bearing of said canopy.

1,573,581. TIRE TOOL. ROY RUTZ, Navarre, Kans. Filed Mar. 26, 1925. Serial No. 18,505. 1 Claim. (Cl. 157—6.)



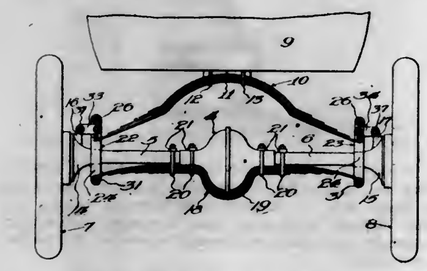
A tire tool comprising pivotally connected crossed handle members, outwardly curved ends carried by the handle members, looped handle members carried by one of the ends of the crossed handle members, said looped handle members terminating in oppositely bent ends adapted to engage opposite sides of the crossed handle members for limiting the movement of the handle members in one direction after they have reached registering positions and the curved ends are in registration.

1,573,582. POWER PLANT. ARTHUR R. SMITH, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 5, 1921. Serial No. 513,006. 6 Claims. (Cl. 60—95.)



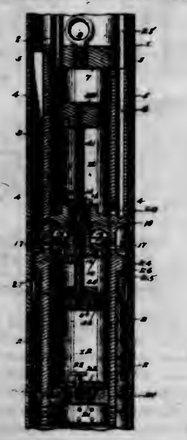
1. In a power plant, the combination of a prime mover, a condenser therefor, a feed water heater, means for supplying elastic fluid which has done work in the prime mover to the feed water heater, means for circulating the condenser condensate through said heater, an evaporator, a conduit for conveying steam from it to the condenser, a second heater, means for supplying elastic fluid which has done work in the prime mover to said second heater, means for circulating water through said second heater, and means for conveying it from the second heater to the evaporator.

1,573,583. SPRING SUSPENSION FOR MOTOR VEHICLES. CHARLES H. SMITH, Aurora, Ill., assignor of one-half to Alfred W. Mitchell, Janesville, Wis. Filed Apr. 2, 1925. Serial No. 20,183. 5 Claims. (Cl. 267—46.)



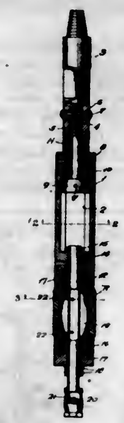
1. The combination with the differential housing and the rear axle housing reaching sidewise therefrom and the transverse rear end leaf spring of a chassis, of a supplemental leaf spring having its central portion concave upwards to receive the lower portion of the differential housing and its end portions reaching sidewise below the axle shaft housing, clips at both sides of the differential housing serving to secure the leaf spring rigidly thereto at points adjacent to both sides of the differential housing, and a shackle connection at each end of the device, each shackle comprising a pair of side plates embracing the axle shaft housing between them, a cross pin joining together the side plates of each shackle at a point below the axle shaft housing and receiving the adjacent end portion of the supplemental leaf spring, another pin joining together the side plates of each shackle at a point above the axle shaft housing, a hanger reaching downwards therefrom between the side plates and above the axle shaft housing, a connection between the adjacent end of the first mentioned leaf spring and the lower portion of said hanger, and links pivotally connected to the upper portions of the side plates of each shackle and the adjacent end of the axle shaft housing, substantially as described.

1,573,584. OIL-WELL PUMP. WILLIAM J. SMITH, Philadelphia, Pa., assignor of one-half to William R. Blair, Philadelphia, Pa. Filed Apr. 6, 1925. Serial No. 20,899. 5 Claims. (Cl. 103—46.)



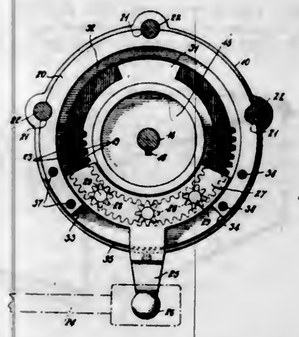
1. A pump of the kind described comprising a cylindrical shell or casing provided with elongated exterior ribs extending longitudinally of the shell or casing, a piston located in the shell or casing, means for reciprocating the piston, a second piston connected and movable with the first, and located in a chamber having inlet and outlet openings, the exterior of the shell or casing being provided with a surrounding flexible projection located between the inlet and outlet openings of the chamber.

1,573,585. SWIVEL SWAB. HARVEY R. STANDLEE, Tulsa, Okla. Original application filed Aug. 17, 1922, Serial No. 582,500. Divided and this application filed Oct. 25, 1924. Serial No. 745,759. 3 Claims. (Cl. 103—202.)



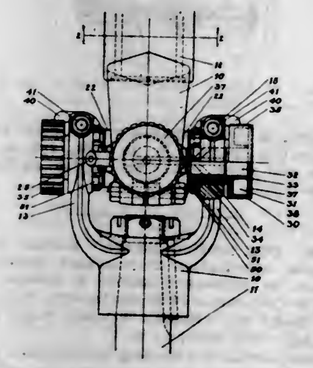
1. In a swab, the combination of a tubular mandrel, a cage, an end portion of the mandrel being fitted through the cage in communication with the interior thereof, means coacting with the end portion of the mandrel within the cage for holding the mandrel against displacement with respect to the cage, said cage being slotted to permit positioning of said means, a sub, and means for swivelling the sub to the mandrel.

1,573,586. STEERING GEAR. JACOB M. STONE, Breckenridge, Tex. Filed Dec. 19, 1923. Serial No. 681,517. 5 Claims. (Cl. 74—79.)



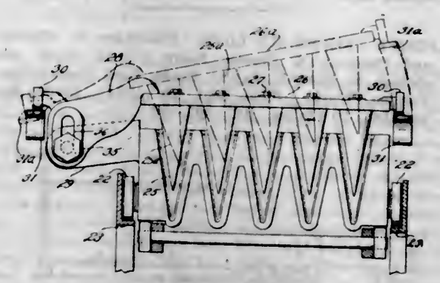
1. A steering gear comprising a disk adapted to be rigidly secured to the lower end of the steering post and having rack teeth upon its periphery, a plate adapted to be rigidly secured to the chassis of the vehicle adjacent the lower end of said steering post, an annular ring secured to said plate, rack teeth upon the inner periphery of said ring, a steering arm, a segment overlapping portions of said ring and disk and guided in its movements by other portions thereof, a steering arm rigidly secured to said segment, planetary gears journaled upon said segment and meshing with said rack teeth whereby to actuate said steering arm by movements of said disk.

1,573,587. UNIVERSAL JOINT. GURDON LUCIUS TARBOX, North Plainfield, and CLARENCE WINFRED SPICER, Plainfield, N. J. Filed Dec. 24, 1924. Serial No. 757,887. 15 Claims. (Cl. 64—102.)



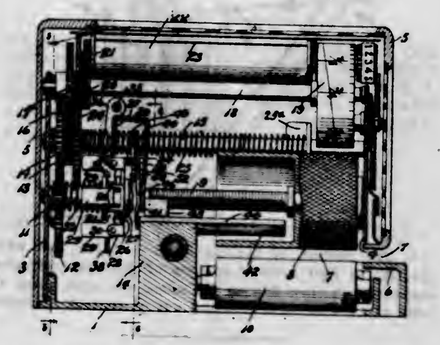
1. A universal joint comprising two forked members journaled to a trunnion block at right angles to each other, journal bushings adapted to screw into the forked members and provided with cylindrical and annular shaped reservoirs integral therewith and outside the journal pins.

1,573,588. MACHINE FOR MAKING ICE-CREAM CONES. JAMES T. TURNER, Atlanta, Ga. Filed Aug. 6, 1923. Serial No. 655,853. 8 Claims. (Cl. 107—58.)



8. In a device of the character described, the combination with a conveyer comprising a series of pivoted links, said links having open sided recesses in their sides, means operable upon a change of direction in the movement of the links for closing and opening said recesses, male members adapted to coact with the recesses, means for mounting the male members on the links so as to provide a lost motion connection therewith, and other means for withdrawing the male members by moving them in a vertical line so as to take up the slack in the lost motion connection and then to move them in a curved path by swinging them about a pivotal connection.

1,573,589. RETURN-SPEED CHECK FOR MEASURING MACHINES. ANTHONY VANDERVELD, Grand Rapids, Mich. Filed Feb. 26, 1923, Serial No. 621,269. Renewed Jan. 6, 1926. 15 Claims. (Cl. 235—144.)



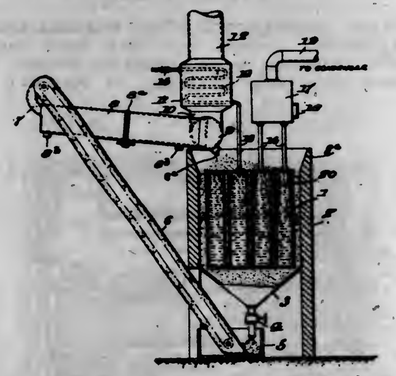
1. In a cloth measuring machine, a roller adapted to be driven by contact of cloth therewith drawn thereby, spring means tensioned by the driving of said roller tending to return the same to initial position when free to do so, means for stopping the mechanism at an exact and predetermined position on said return, and means for automatically checking and slowing the return speed of rotation of the machine immediately prior to the stopping thereof, substantially as described.

1,573,590. WATER-TIGHT CONTAINER. JAMES GURNEY WALLACE, Baltimore, Md., assignor of one-half to Andrew R. Keckler, Baltimore, Md. Filed Oct. 24, 1923. Serial No. 670,521. 3 Claims. (Cl. 150—8.)



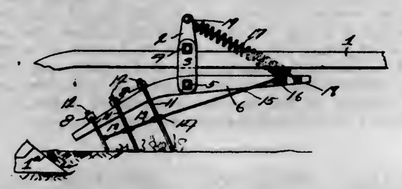
1. An inflatable container having one end open and including a porous compressible filler within the open end, and means for shirring the wall of the container around the filler and compressing the filler and thereby precluding entrance of moisture from the contents of the container.

1,573,591. PROCESS OF HEATING FLUIDS. FRANK E. WELLMAN, Kansas City, Kans., assignor to The Kansas City Gasoline Company, Kansas City, Kans., a Corporation of Kansas. Filed Sept. 18, 1921. Serial No. 500,424. 2 Claims. (Cl. 196—119.)



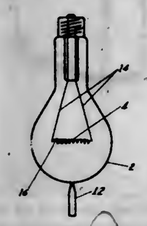
1. The process of heating fluids and the like which consists in first heating a mass of granular refractory material and then flowing the same over and about the body of fluid to be heated and out of contact therewith.

1,573,592. WEED GATHERER FOR PLOWS. JOHN WICKER and JOSEPH E. MCGOUGH, Sprague, Wash. Filed Aug. 25, 1925. Serial No. 52,348. 1 Claim. (Cl. 97—193.)



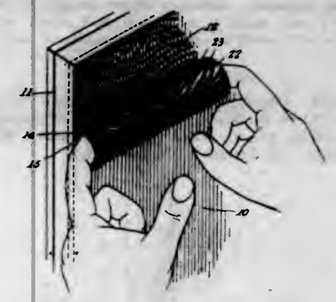
The combination with a plow beam carried weed gatherer comprising a rock bar disposed beneath the beam, spring means for forcing the rear end of the rock bar downwardly, outwardly and downwardly curved arms carried by the rear end of the rock bar, of link connections between said arms, a brace rod connected to the forward arm in alinement with the link connections, said brace rod extending forwardly and upwardly and anchored to the forward end of the rock bar.

1,573,593. ELECTRIC BULB. ALBERT A. WILKINS, Middleton, Mass. Filed Apr. 19, 1922. Serial No. 555,609. 4 Claims. (Cl. 176—16.)



1. A bulb into which sodium nitrite has been introduced before the bulb was sealed.

1,573,594. GRAINING TOOL. KONRAD WINKENBACH, Newark, N. J. Filed Jan. 31, 1925. Serial No. 5,928. 4 Claims. (Cl. 41—5.5.)



1. A graining tool comprising a solid roller containing finger receiving recesses in its ends, and a resilient sleeve on said roller said sleeve having an irregularly corrugated surface.

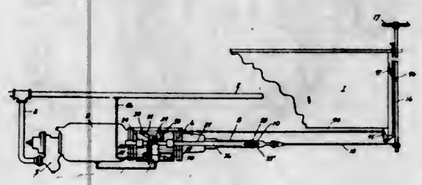
1,573,595. DYE COMPOSITION. EDWARD J. WALL, Wollaston, and DANIEL F. COMSTOCK, Boston, Mass., assignors to Kalmus, Comstock & Wescott, Boston, Mass., a Corporation of Massachusetts. Filed July 6, 1917, Serial No. 179,050. Renewed Sept. 12, 1923. 14 Claims. (Cl. 95—7.)

5. A composition for treating photographic emulsions comprising a colloidal color sensitizing dye solution, and an amount of gelatine of the order of a small fraction of one percent for restraining the coagulation of the colloid.

1,573,596. METHOD OF TREATING PHOTOGRAPHIC EMULSION AND COLOR-SENSITIZING COMPOSITION. EDWARD J. WALL, Wollaston, and DANIEL F. COMSTOCK, Boston, Mass., assignors to Kalmus, Comstock & Wescott, Boston, Mass., a Corporation of Massachusetts. Filed July 11, 1917, Serial No. 179,791. Renewed Sept. 12, 1923. 21 Claims. (Cl. 95—7.)

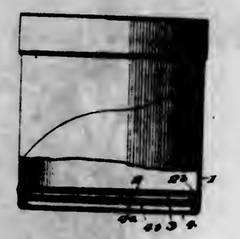
1. A composition for treating photographic emulsions comprising a color sensitizing dye ingredient and an oxidizing agent.

1,573,597. AIR-BRAKE LOCK. BERNHARD W. WESTBO and PERCIVAL N. BISSON, South Prairie, Wash., assignors to Railway Safety Brake Lock Corporation, Tacoma, Wash. Filed Sept. 10, 1924. Serial No. 736,854. 10 Claims. (Cl. 303—89.)



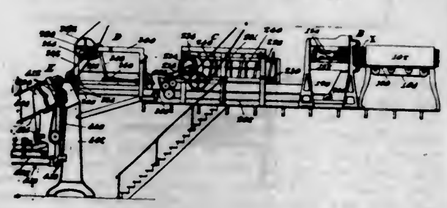
1. The combination with an air brake mechanism of the character described including a train pipe, an auxiliary supply reservoir and a brake lever, of a normally disengaged locking means for the brake lever adapted to be set under the control of air pressure in the train pipe and to be released under control of air pressure in the auxiliary reservoir.

1,573,598. PAPER CONTAINER. WILBUR L. WRIGHT, Fulton, N. Y., assignor to Oswego Falls Corporation, Fulton, N. Y., a Corporation of New York. Filed Aug. 25, 1922. Serial No. 584,168. 3 Claims. (Cl. 229—5.6.)



1. A paper material container having an end closure embodying a relatively thin annularly flanged inner closure disk within the container barrel, and an outer flat disk of oversize with respect to the diameter of said annular flange and driven thereinto against the flanged disk and maintaining radial expansive pressure against the base portion of said flange and driving the same into merging contact with the inner surface of the barrel to prevent liquid leakage longitudinally of the flange and inner surface of the barrel, the disks being permanently secured in and to the barrel by a locked crimp embodying a doubled end portion of the barrel forming an annular knee bearing inwardly against the outer surface of the rim portion of said oversize disk with the inner disk flange crushed within the doubled end portion of the barrel to lock the inner disk to the outer disk.

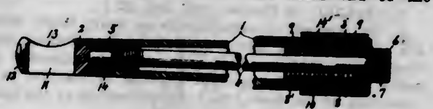
1,573,599. SYSTEM FOR MAKING PADS. WILLIAM E. ELLIOTT, Lynn, Mass. Filed Dec. 27, 1919. Serial No. 347,852. 77 Claims. (Cl. 154—29.)



4. A system of making pads from a bale of compacted fibrous material comprising means for feeding the bale, movable separating means acting upon a face of the moving bale from the interior outwardly to disintegrate the bale and to prevent the fibres thereof from again matting together, a conveyer for the fibres delivered by said separating means, relatively reciprocating shredding members acting upon the moving layer of fibres upon said conveyer to disintegrate any matted fibres delivered to said conveyer and further to separate said fibres and continuously to deliver a body of loosely associated fibres, means for advancing the body of loosely associated fibres and equalizing means acting to compact the fibres into a body of uniform density per unit of length.

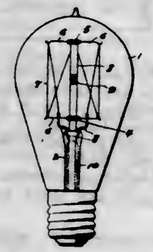
1,573,600. HAIR WAVING AND CURLING DEVICE. HENRIET O. FREDERICS, New York, N. Y., assignor to E. Frederics, Inc., New York, N. Y., a Corporation of New York. Filed Aug. 8, 1924. Serial No. 730,855. 8 Claims. (Cl. 132—34.)

1. In a hair waving and curling device of the character described, a tubular section having one end threaded externally, an end section journaled on said threaded end, an additional end section having an externally threaded extension journaled in the other end of the



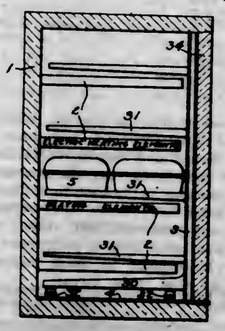
tubular section, and means extending through the tubular section for transmitting rotary motion from end section to the other end section.

1,573,601. ARTICLE CONTAINING VISIBLE TEMPERATURE RECORDS AND METHOD OF OBTAINING THE RECORDS. CARL T. FULLER, Nutley, N. J., assignor to General Electric Company, a Corporation of New York. Filed Jan. 26, 1922. Serial No. 532,047. 9 Claims. (Cl. 176—16.)



1. The method of obtaining a permanent visible indication that a part of an incandescent lamp or similar current consuming device comprising a sealed glass envelope containing said part attained during manufacture of the device a predetermined temperature higher than said part attains during operation of said device, which consists in depositing on said part a colored material which permanently changes in color when said part attains said predetermined temperature.

1,573,602. ELECTRIC BAKE OVEN. ELMER LLOYD GEHMAN, Seattle, Wash. Filed Oct. 2, 1923. Serial No. 666,075. 1 Claim. (Cl. 107—56.)



The combination with an electric bake oven having electric heating elements projecting from the side walls and having an unsupported edge spaced from the wall a distance to accommodate rack standards, and carrying racks having a supporting base, standards at one side of the base tray carrying racks extending horizontally from the standards, said racks being vertically spaced to clear the heating elements and the standards to be in the space at the unsupported edges of the heating element.

1,573,603. PROCESS FOR MAKING HEAVY BASIC CARBONATE OF MAGNESIUM. BERTRAND B. GRUNWALD, Alameda, Calif. Filed June 30, 1924. Serial No. 723,151. 3 Claims. (Cl. 23—67.)

1. The process of manufacture of heavy basic carbonate of magnesium, which consists in introducing carbon dioxide gas into a mixture of calcined magnesite and water and utilizing the resulting heat of reaction in the formation of the desired physical properties of the resulting product.

1,573,604. PROCESS FOR MAKING LIGHT BASIC CARBONATE OF MAGNESIUM. BERTRAND B. GRUNWALD, Alameda, Calif. Filed June 30, 1924. Serial No. 723,152. 10 Claims. (Cl. 23—67.)

6. The process of manufacturing a light basic carbonate of magnesium, consisting of heating a mixture of heavy carbonate of magnesium and water under agitation to a temperature not exceeding 180 degrees Fahrenheit, whereupon the carbonate of magnesium expands in volume, and then cooling the mixture by adding cold water to prevent further expansion.

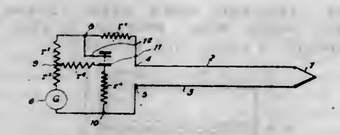
1,573,605. MANUFACTURE OF AZO DYESTUFFS. FRITZ GÜNTHER, Ludwigshafen-on-the-Rhine, Germany, assignor to Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany, a Corporation of Germany. Filed July 13, 1925. Serial No. 43,410. 3 Claims. (Cl. 260—72.)

1. As new articles of manufacture azo coloring matters for animal, vegetable and mixed fabrics, which contain the grouping

$$-N{=}N-\text{aryl(p)}-X-\text{(p)aryl}-N{=}N-$$

(X standing for the azo or azoxy group or the urea grouping), coupled with an ortho-oxy-carbonxylic acid, and containing sulfonic acid groups.

1,573,606. METHOD AND APPARATUS FOR MAKING ELECTRICAL MEASUREMENTS. THOMAS RANDOLPH HARRISON, Philadelphia, Pa., and PAUL DARWIN FOOTE, Washington, D. C. Filed May 3, 1924. Serial No. 710,913. 5 Claims. (Cl. 175—183.)



1. An electrical measuring system comprising a main circuit of fixed predetermined resistance, means connected in said circuit and responsive to changes in conditions external thereto to vary the current flow in said circuit; an instrument calibrated to indicate changes in said external conditions when the resistance of said circuit is at said predetermined value; and auxiliary circuit connections comprising a permanent shunt around said indicating instrument to cause indications of substantial faults in said main circuit.

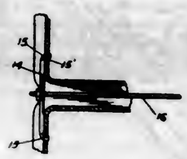
1,573,607. UPRIGHT PIANO ACTION. JOSEPH HIMPEL, West Haven, Conn. Filed Mar. 19, 1923. Serial No. 626,223. 1 Claim. (Cl. 84—240.)

In a check and adjusting device for piano actions, the combination with a hammer, a hammer-butt, and jack of a piano action, of a lug formed on and adjacent to the upper end of the jack and extending outwardly therefrom in an angular direction and provided with a continuously curved uninterrupted face, a check device including a head carried by the hammer-butt and formed with a curved depending body forming a pocket for the lug, and a block adjustably carried by the head and movable



to engage the lug in a direction at approximately right angles to the vertical axis of the jack for regulating the position of the hammer.

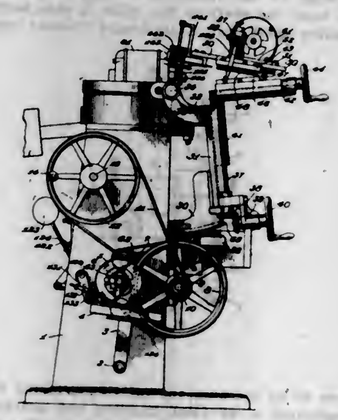
1,573,608. METAL FILING CASE. SAMUEL C. HUFFMAN, Lincoln, Nebr. Filed Sept. 21, 1923. Serial No. 664,094. 6 Claims. (Cl. 45—2.)



6. A filing case comprising a plurality of units, reinforcing webs surrounding each of said filing units at their front and rear ends, said reinforcing webs provided in their vertical portions with sockets equidistantly positioned from the upper and lower edges of said filing units, connectors overlapping adjacent filing units with a pair of connectors at the front and a pair of connectors at the rear end of said filing units, each of said connectors having inwardly projecting pins fitting said sockets in the reinforcing webs to positively connect said filing units, and means for independently interconnecting the front and rear pairs of connectors.

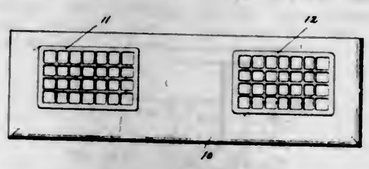
1,573,609. MACHINE FOR MAKING OPTICAL PRISMS. CHARLES FRANCIS JENKINS, Washington, D. C., assignor to Radio Pictures Corporation, Washington, D. C., a Corporation. Filed Nov. 4, 1922. Serial No. 599,171. 36 Claims. (Cl. 51—31.)

1. In a machine of the character described, the combination of a support; means for moving said support around a center; means for securing a circular transparent member to said support; means for reciprocating a finishing member radially of said circular member; and means to



move said last named means around a second fixed center while said transparent member is being moved around said first named center.

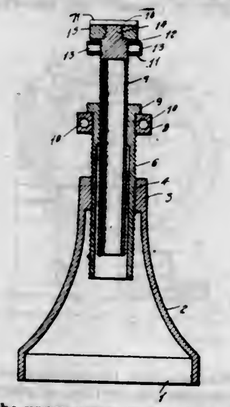
1,573,610. RADIATOR INCLOSURE. MAX JESSEMANN, Brooklyn, N. Y. Filed Oct. 4, 1924. Serial No. 741,690. 3 Claims. (Cl. 257—138.)



1. In a radiator inclosure, a casing of wood, or the like, open at the bottom, comprising a front section and side sections having grill openings, a sheet-metal wall forming the back of the said casing, a cover having grill openings for closing the top of the said casing, and a piece of sheet-metal secured to the inside of the said cover and having a depending portion adapted to closely bear against the back of the said sheet-metal wall and provided with openings registering with the grill openings in the said cover, the edges of the said piece of sheet-metal surrounding the said openings being curled back forming traps for the dust particles suspended in the currents of hot air.

1,573,611. SCREW JACK. AUGUST JOHNSON, Toivola, Minn. Filed Apr. 17, 1924. Serial No. 707,202. 1 Claim. (Cl. 25—102.)

A screw jack comprising a support, a lower screw having threaded engagement with the support and provided at its upper end with a polygonal shoulder, a member provided with a plurality of openings and threadedly mounted upon said screw for adjustment into contact with said support to lock the screw against downward rotative movement with respect to the support and for adjustment into contact with said shoulder to permit the screw to be turned outwardly with respect to the support, an upper screw having threaded engagement with the lower screw and provided at its upper end with a shoulder, a member provided with a plurality of openings and threadedly mounted upon the upper screw for adjustment into contact with the upper end of the lower screw to lock the upper screw against downward rotative movement with respect to the lower screw and for adjustment into contact with the shoulder at the



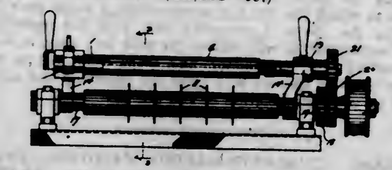
upper end of the upper screw to permit said upper screw to be adjusted upwardly with respect to the lower screw, and a cap or rest carried by the upper screw.

1,573,612. HAND GRIP FOR GOLF CLUBS. WALDO C. JOHNSTON, Cooperstown, N. Y. Filed Nov. 20, 1923. Serial No. 675,874. 4 Claims. (Cl. 273—81.)



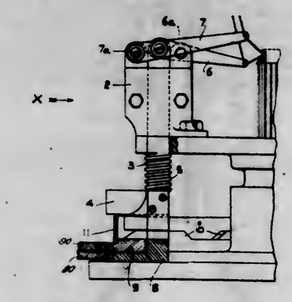
1. A separable hand grip adapted to be applied to a shaft, comprising a plurality of thin segments, each of slightly less radius than that portion of the shaft to which it is to be applied, and means for securing the segments to the shaft, the segments being spaced apart from each other.

1,573,613. METHOD OF SPACING CORES. ROBERT McC. JOHNSTONE, Roselle Park, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y., a Corporation of New York. Filed May 2, 1923. Serial No. 636,133. 3 Claims. (Cl. 164—69.)



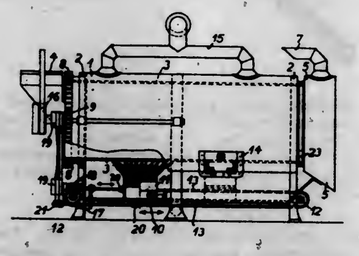
1. The method of spacing individual cores on a winding shaft which consists in securing a relatively long core member on the shaft, and then subdividing said core member into a group of individual cores while held on the shaft, which group is left undisturbed on the shaft.

1,573,614. KNITTING MACHINE. THOMAS HENRY JONES, Nottingham, England. Filed Jan. 27, 1925. Serial No. 5,070. 3 Claims. (Cl. 66—12.)



1. In a knitting machine, the combination with a rotatable cylinder carrying the needles, of guides for delivering thread to the needles, arranged to move so as to occupy alternately different positions, whereby thread from any guide may be transferred from the back to the front of the fabric, or vice versa, accordingly as the guide is operated, stationary supports for the thread guides, a pattern cam ring arranged concentrically with the needle cylinder and operating to directly move the thread guides so as to deliver their threads to the needles to produce determined designs in the fabric being knitted, the cam ring being capable of variable rotary movements with reference to the movements of the needle cylinder, whereby the thread guides will function in differently timed relations to the knitting operations to cause different effects in the completed article to be produced, accordingly as the cam ring is operated.

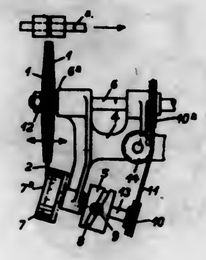
1,573,615. DRYING APPARATUS FOR TOBACCO AND THE LIKE. EWALD KOERNER, Dresden, Germany. Filed Aug. 3, 1925. Serial No. 47,841. 3 Claims. (Cl. 34—5.)



2. A conveying device for use in an apparatus according to claim 1, comprising an endless travelling chain to which the fire box is connected, a worm gear for driving the chain, a reversing belt gear for operating said worm gear, a belt shifter for said belt gear, a lever controlling said belt shifter, and stops connected to the chain so as to operate said lever for reversing the movement at each end position of the fire box.

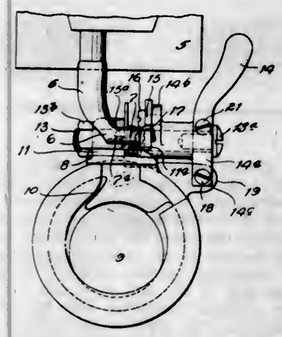
1,573,616. CIGARETTE-MAKING MACHINE. EWALD KOERNER, Dresden, Germany. Filed Aug. 3, 1925. Serial No. 47,842. 3 Claims. (Cl. 131—37.)

3. In a cigarette-making machine, the combination with a fly cutter secured to a rotatable shaft and provided with an eccentric cutting edge, of a grinding roller, a shaft arranged in an oblique position relative to the cutter shaft and holding said roller so that it can be swept by the edge of the cutter, means for communicating rotation from one shaft to the other, a cam secured to the grinding shaft, and a stationary element engaging



said cam so as to cause the rotating grinding shaft to be reciprocated in an axial direction and maintain uniform engagement between the grinding roller and all parts of the eccentric cutting edge.

1,573,617. SEWING MACHINE. HARRY W. KRAG, St. Louis, Mo., assignor to American Shoe Machinery and Tool Company, St. Louis, Mo., a Corporation of Missouri. Filed Nov. 4, 1922. Serial No. 599,072. 10 Claims. (Cl. 112—51.)



1. A sewing machine comprising a work support provided with a channel cutter, a presser-foot, and a spring-pressed member adapted to engage work comprising an upper layer and a lower layer projecting beyond said upper layer, said spring-pressed member being adapted to guide the work by contact with the marginal edge of the upper layer thereof and being adapted to press the work against said channel cutter by contact with the upper surface of the lower layer thereof.

1,573,618. WINDSHIELD CLEANER. CHARLES F. LAGANKE, Cleveland, Ohio, assignor to The Outlook Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 16, 1922. Serial No. 529,610. 2 Claims. (Cl. 15—256.)

1. In windshield cleaning apparatus, the combination of a resilient wiper carrying arm composed of two sections formed of sheet metal stampings and having flat overlapping portions, a headed screw passing through

the overlapping portion of one of the sections and threaded into one of a plurality of spaced threaded openings in the other of the sections to clamp said over-



lapping portions together, a wiper supported by said arm in operative relation to the windshield pane, and means for actuating the arm to impart movement to the wiper.

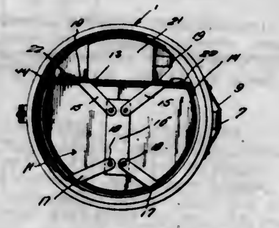
1,573,619. TOILET-SEAT COVER. PAUL JOSEPH LEMMER, Danbury, Conn. Filed Dec. 21, 1921. Serial No. 523,892. 1 Claim. (Cl. 4—248.)



A toilet seat cover formed from pliable material and having a centrally disposed opening, said cover being split, thereby forming adjacent ends a downwardly extending annular member carried by the inner edge of the cover and having a split in registration with the split in the cover and a downwardly extending water engaging member carried by one of the adjacent ends of the cover and downwardly extending annular member adjacent the split and adapted to be engaged by water during a flushing operation whereby the cover will be moved with its ends in advance of the main body of the cover.

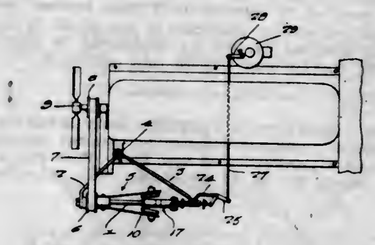
1,573,620. MEAL KIT. JOSEPH B. ALLSTON, Georgetown, S. C. Filed Nov. 4, 1924. Serial No. 747,821. 1 Claim. (Cl. 206—4.)

In a structure of the class described, a holder for a plurality of superposed pans comprising a backing plate provided with vertical end flanges, and at the center of its top and bottom with inwardly converging arms, a pair of U-shaped retainers, connections between the



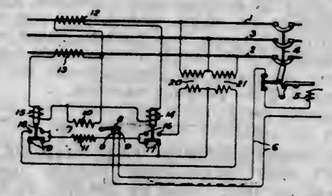
angular end portions of the retainers and the free end portions of said arms, and a pair of spaced vertical retaining ribs carried by said backing plate.

1,573,621. AUTOMATIC SPEED-CONTROLLED DEVICE. OSCAR ALSTAD, Evansville, Minn. Filed Apr. 15, 1925. Serial No. 23,321. 4 Claims. (Cl. 264—15.)



1. In a speed control device of the class described, a relatively stationary shaft, means for supporting said shaft from a motor block, a centrifugal governor slidable and rotatable upon said shaft and embodying a rotating pulley, a slide mounted upon said shaft, a bell crank supported from said shaft, a connection between said bell crank and said slide whereby the bell crank is swung upon its pivot according to the movement of the slide, and adjustable spring means supported upon said shaft and cooperable with said slide to resist said sliding movement in a rearward direction.

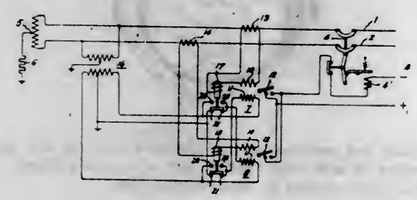
1,573,622. PROTECTIVE SYSTEM. JOSEF BIERMANNS and OTTO MAYR, Karlshorst, Germany, assignors to General Electric Company, a Corporation of New York. Filed Oct. 17, 1924. Serial No. 744,197. 10 Claims. (Cl. 175—294.)



1. A protective system for an electric circuit comprising a relay having a current winding and a potential winding, and relay means operative in response to an abnormal condition on said circuit selectively to effect

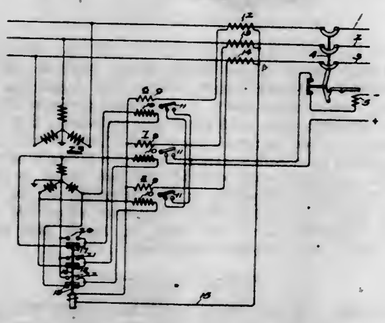
the energization of said potential winding in accordance with the potential difference between two of the conductors or said circuit.

1,573,623. PROTECTIVE SYSTEM. JOSEF BIERMANNS, Karlshorst, Germany, assignor to General Electric Company, a Corporation of New York. Filed Feb. 20, 1925. Serial No. 10,603. 5 Claims. (Cl. 175—294.)



1. A protective system for an electric circuit comprising a relay having a current winding and a potential winding, and means arranged normally to connect said potential winding for energization in accordance with the potential to ground of one of the conductors of the circuit operative in response to a fault between said conductor and another conductor of the circuit to connect said potential winding for energization in accordance with the potential between said conductors.

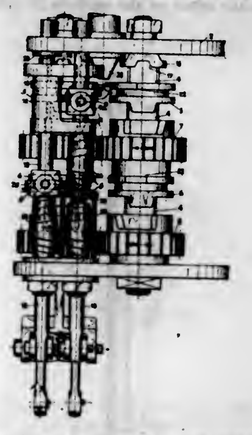
1,573,624. PROTECTIVE SYSTEM. JOSEF BIERMANNS, Karlshorst, Germany, assignor to General Electric Company, a Corporation of New York. Filed Feb. 21, 1925. Serial No. 10,975. 5 Claims. (Cl. 175—294.)



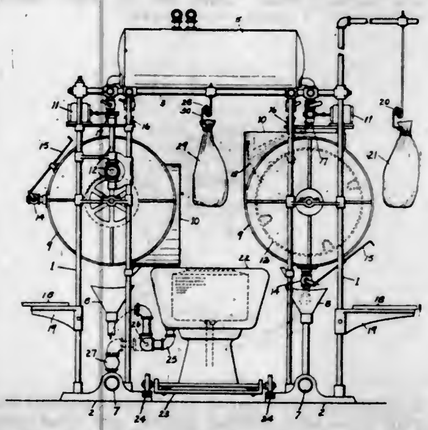
1. A protective system for an electric circuit comprising a relay having a current and a potential winding and means arranged normally to connect said potential winding for energization in accordance with the potential between two of the conductors of said circuit, and operative in response to a fault to ground on one of the conductors of the circuit to connect said potential winding for energization in accordance with the potential to ground of the grounded conductor.

1,573,625. SINGLE-THREAD LACE-BRAIDING MACHINE. CARL BIRKENHAUER, Barmen, Germany. Filed Aug. 30, 1921. Serial No. 497,072. 21 Claims. (Cl. 96—12.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)

1. In a lace braiding machine, a plurality of rotatable and arrestable carrier drivers adjacent to each other, means for rotating the drivers each clockwise and counterclockwise, and guide members adapted to be moved into and out of the path of the carriers so as to keep the carriers in engagement with the operating drivers and to prevent the carriers from travelling into the path of a driver adjacent an operating driver.



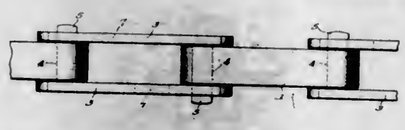
1,573,626. LAUNDRY APPARATUS. CHARLES L. BEALEY, Chicago, Ill., assignor of one-half to Charles F. Noftzger, Chicago, Ill., and of one-half to The American Laundry Machinery Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Aug. 3, 1923. Serial No. 655,459. 13 Claims. (Cl. 68—18.)



8. In a laundry apparatus, the combination of a washing machine, a portable extractor adapted to be positioned to receive the laundry from the washing machine, a waste pipe for said washing machine, and an adjustable waste connection for said extractor adapted to be connected to said waste pipe when the extractor is in position to receive the laundry discharged from said machine.

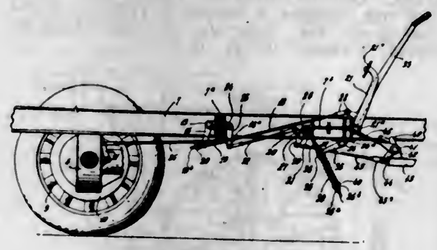
1,573,627. CHAIN. LAWRENCE E. BAILL, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, Columbus, Ohio, a Corporation of Ohio. Filed Oct. 8, 1924. Serial No. 742,430. 2 Claims. (Cl. 74—32.)

1. In a chain, a link having an elongated transverse slot at each end forming a pintle bearing at each end of the link, and a link comprising a pair of oppositely disposed similar side bars, a pintle rigidly secured to and projecting laterally from each side bar, said pintles having their free ends expanded in a transverse direction, the expanded ends of said pintles being insertable through the end slots of said first named link, when the



side bars are held at an angle to the latter, each side bar having a substantially key-hole shaped aperture adapted to engage in its reduced portion the projecting end of the pintle of the other side bar under the expanded portion of the said pintle for preventing relative lateral movement of said side bars.

1,573,628. METHOD OF AND MEANS FOR CONTROLLING THE OPERATION OF MOTOR VEHICLES. ANDREW K. BRUMBAUGH, Ardmore, Pa., assignor to The Autocar Company, Ardmore, Pa., a Corporation of Pennsylvania. Filed Jan. 6, 1925, Serial No. 786. Renewed Jan. 8, 1926. 14 Claims. (Cl. 192—2.)



1. The combination with a motor-vehicle having brake actuating mechanism and power applying devices normally operable from the driver's seat, of means located at a point remote from the driver's seat for releasing the vehicle brakes and simultaneously applying the power.

1,573,629. METHOD OF MAKING BLANKS FOR NOISELESS GEARS. JAMES H. CARVER, Carmen, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Feb. 19, 1924. Serial No. 693,938. 5 Claims. (Cl. 154—2.)



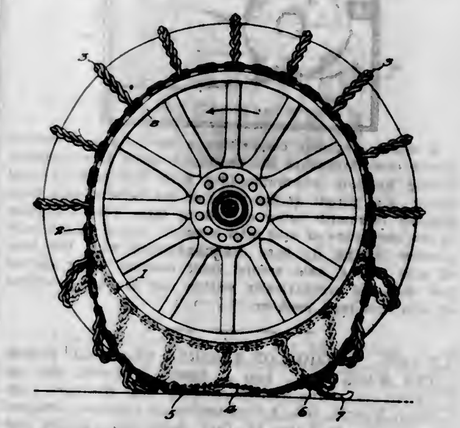
1. The method of making blanks for gears and the like which comprises taking woven textile material which has been treated with a binder, cutting the material into strips in such manner that each strip has a plurality of segmental elements which are joined along one edge only by a few threads, the elements of said strips being counterparts, assembling the strips in a circular mold to form a stack by bending them at said connecting threads, and finally subjecting the stack to heat and pressure to cause the binder to hold the material under compression.

1,573,630. SAFETY-RAZOR-BLADE HOLDER. NEWTON E. CHARLTON, Clayton, N. Mex. Filed Apr. 13, 1925. Serial No. 22,808. 1 Claim. (Cl. 30—25.)



A safety razor blade holder comprising a one piece handle having an integral longitudinal straight-edged head at one end, said head being transversely tapered from its back edge to its front edge and having an elongated recess which opens through said back and front edges and through one flat side of the head, said recess having straight under-cut end walls which converge toward said front edge, the bottom of said recess being provided with means to engage a safety razor blade and hold the latter against shifting on said bottom, and an elongated slide plate free of connection with the head and handle and adapted to be forced into said recess from its back edge toward its front edge, said slide plate being transversely tapered from its back to its front edge and having beveled forwardly converging straight ends for tight wedging contact with the ends of said recess.

1,573,631. ANTISKID CHAIN. JOHN ALBERT CHEAPE, Charlottesville, Va., assignor to Exyon Corporation, Charlottesville, Va., a Corporation of Virginia. Filed Mar. 21, 1925. Serial No. 17,898. 3 Claims. (Cl. 152—14.)

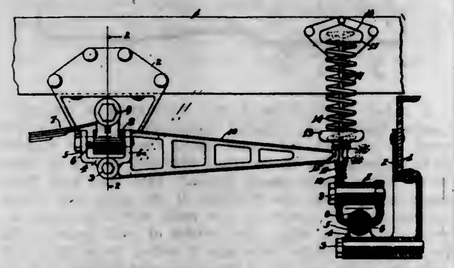


3. A device of the character described including two side chains and connecting cross-chains, one side chain unbroken and continuous, the other side chain having an extension at one end which slides freely through a link in the other end, said extension being non-elastic and having means on its free end for preventing its escape from the link.

1,573,632. PROCESS FOR PRODUCING LIGHT BASIC MAGNESIUM CARBONATE. RUSSELL B. CROWELL, Agnew, Calif., assignor to Western Industries Company, Agnew, Calif., a Corporation of California. Filed June 26, 1925. Serial No. 39,819. 6 Claims. (Cl. 23—67.)

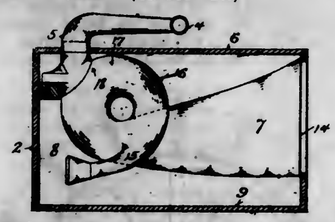
8. In a process of producing light basic magnesium carbonate, the steps which comprise reacting carbon dioxide gas with magnesium oxide in an aqueous medium until the ratio of CO_2 to MgO lies between the limits of 0.8 to 0.9, and heating the reacted mass to a temperature not exceeding 140 degrees Fahrenheit.

1,573,633. SPRING MOUNTING FOR MOTOR VEHICLES. HENRY E. CURTIS, San Jose, Calif., assignor of one-half to John H. Betts, Long Beach, Calif. Filed June 25, 1924. Serial No. 722,328. 9 Claims. (Cl. 267—17.)



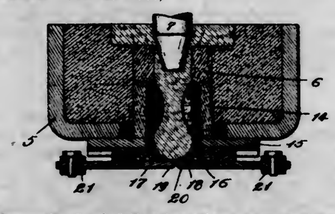
1. A spring mounting for vehicles comprising a lever fulcrumed upon the vehicle frame and slidably connected by its shorter arm to the vehicle spring, and a spring inserted between the vehicle frame and the longer arm of said lever.

1,573,634. SOUND AMPLIFIER. CHARLES J. DODGE, Brooklyn, N. Y. Filed Aug. 18, 1922. Serial No. 582,692. 1 Claim. (Cl. 181—27.)



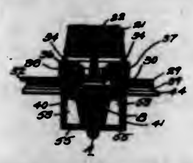
A sound amplifier comprising a horn body, a curved throat communicating therewith, a curved inlet member having its bore communicating with the bore of said throat, said throat at the place of juncture of said inlet member therewith being curved to form a continuation of the curvature of said inlet member, and a second inlet member having its bore communicating with the bore of said throat, said second inlet member being curved and disposed eccentrically within the arc of curvature of said first inlet member.

1,573,635. METHOD OF FEEDING GLASS TO FORMING MACHINES. LEO A. DEBY, St. Louis, Mo., assignor, by mesne assignments, to Ball Brothers Company, Muncie, Ind., a Corporation of Indiana. Original application filed Dec. 14, 1914, Serial No. 877,070, Patent No. 1,146,694, dated July 13, 1915. Divided and this application filed June 28, 1915. Serial No. 36,724. 27 Claims. (Cl. 49—77.)



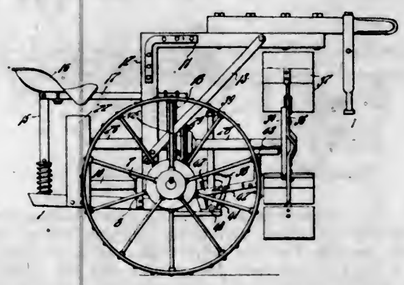
1. The method of delivering glass from a furnace to a mold, which consists in flowing glass on a support which contacts with only a portion of the batch and subjecting the free unsupported remaining portion of the batch to heat.

1,573,636. APPARATUS FOR FEEDING GLASS INTO MOLDS. LEO A. DEBY, St. Louis, Mo., assignor, by mesne assignments, to Ball Brothers Company, Muncie, Ind., a Corporation of Indiana. Filed Oct. 18, 1920. Serial No. 417,765. 6 Claims. (Cl. 49—55.)



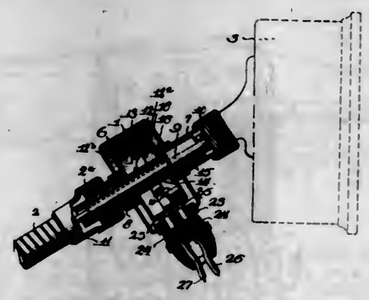
3. In an apparatus for gathering molten glass from a continuously flowing stream, comprising a supporting plate having a central opening therethrough, said opening being concentric with the stream of glass, a recess formed in the upper face of said plate, a knife slidably located in said recess, means for operating said knife periodically across said opening for closing the same and severing the oncoming stream of glass, a bottomless cup composed of separable members slidably secured to the underside of said supporting plate, and means for moving said separable members to and from each other when the opening in the supporting plate is closed.

1,573,637. COTTON CHOPPER. FRANK DROZD, Hallettsville, Tex., assignor of one-half to Julius G. Jalufka, Hallettsville, Tex. Filed May 16, 1925. Serial No. 30,780. 1 Claim. (Cl. 97—15.)



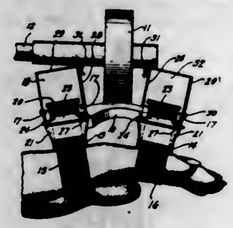
In a cotton chopper, a frame, an axle and axle casing mounted in said frame, the axle including supporting wheels, said axle casing including a differential housing provided with a rearwardly extending shaft housing, a shaft in said shaft housing and having a differential connection with the axle, a second shaft above and in parallelism with the first shaft and overlying the axle at right angles thereto and extending forwardly and provided at its rear with operative connections with the first shaft, a shaft housing for the second shaft, the second shaft and its housing comprising two sections respectively with operative universal joints connecting the respective sections, whereby one section of the second shaft may have oscillating movements upwardly and downwardly, a support carried by the axle casing and connected to the casing of the universal joint of the second shaft housing, the oscillating section of the second shaft extending forwardly and provided with a relatively large revoluble chopper on its forward end, links pivotally connected to extensions of said support and extending forwardly and upwardly and having a sliding connection with the housing of the upwardly and downwardly movable section of the first shaft, manually operated means on the frame and provided with a slot and pin connection with the links for moving the links and thereby imparting upward and downward movements to the movable section of the second shaft, and means for holding the manually operated means in different positions.

1,573,638. SIGNAL DEVICE FOR MOTOR VEHICLES. HARRY C. EVELYN, Chicago, Ill. Filed Mar. 14, 1925. Serial No. 15,444. 8 Claims. (Cl. 200—80.)



1. A switch for controlling a signal device for vehicles, comprising a rotative body member, means for driving said body member at a speed proportional to the speed of the vehicle, said body consisting of two electrically insulated sections, a circuit closing member mounted on one of said sections and adapted to be shifted by gravity to alternately open and close a circuit through the other section in the rotation of said body member at less than a predetermined speed, and to be actuated by centrifugal force to maintain the circuit open at speeds greater than said predetermined speed.

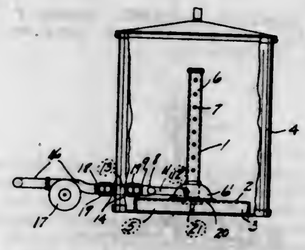
1,573,639. APPARATUS FOR MASSAGING AND THE LIKE. PAUL FISCHER, New York, and WILLIAM ENGLERT, Hempstead, N. Y. Filed Feb. 25, 1924. Serial No. 694,843. 6 Claims. (Cl. 128—35.)



1. In apparatus for massaging and the like, in combination, a driven device adapted to be supported upon the back of the hand, a reserve strip of yielding material carried upon said device, means at one side of said device for guiding the end portion of said strip toward the face of the hand, and means at the other side of said device adapted to receive the end of said strip passing about the face of the hand to retain said device in position thereon.

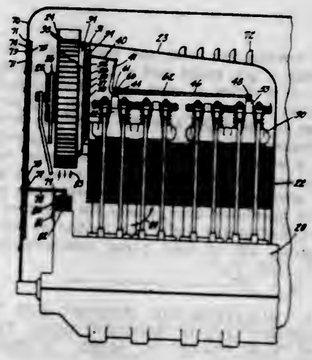
1,573,640. WASHING MACHINE. ADAM E. FISHER and JAMES A. STORM, St. Louis, Mo. Filed Oct. 25, 1923. Serial No. 670,667. 3 Claims. (Cl. 68—30.)

1. In combination with a water boiler and a percolating device mounted therein adapted to percolate water under the action of heat, the said percolating device having normal water intakes and water outlets; means for forcing a percolation of the water independent of the action of heat, said means comprising a returning pipe line leading from and back into the boiler; a pump incorporated in the pipe line; connecting joints for connecting the percolating device with the delivery end of the pipe line; means for closing the said connecting joints; sleeves for releasably connecting the connecting



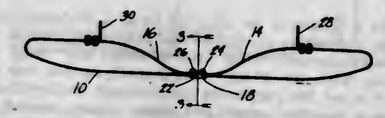
joints with the delivery end of the pipe line; and means for closing the normal water intakes of the percolating device.

1,573,641. AIR-COOLING SYSTEM. JOHN H. HUNT, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed May 26, 1923. Serial No. 641,617. 8 Claims. (Cl. 123—171.)



1. Apparatus for controlling the air cooling of an engine, comprising the combination with means for conducting air to the cylinders and means for conducting air away from the cylinders; of separate and independent temperature responsive devices each for controlling the flow of air through one of said air conducting means.

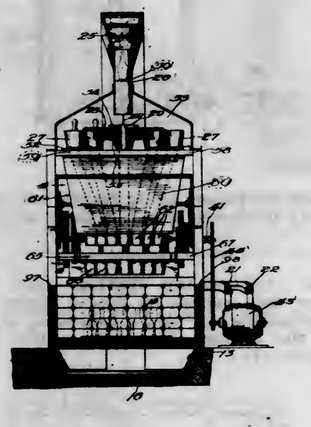
1,573,642. VEHICLE BUMPER. GEORGE A. LOVETT, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Aug. 8, 1924. Serial No. 730,861. 2 Claims. (Cl. 293—55.)



2. A vehicle bumper comprising a spring bar extending across the end of the vehicle and looped backwardly at opposite sides of the vehicle to bring these ends into abutting engagement, the abutting ends also lying against

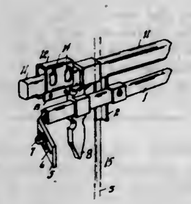
the rear face of the front bumper bar, means holding the ends of the bar in the said position and means to support the bumper on a vehicle.

1,573,643. BOWLING MACHINE. JOSEPH F. PROCH, Chicago, Ill. Filed Mar. 11, 1925. Serial No. 14,665. 9 Claims. (Cl. 273—47.)



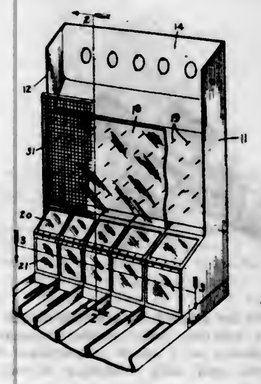
9. The combination with the rear end of a bowling alley having a pin stand and a pit immediately behind the same, of a series of cups above the position of said parts, means for raising the pins from the pit and deliver them to the cups, a series of collars beneath the cups corresponding in position to the frame positions of the pins, a series of vertically movable cups corresponding to the cups aforesaid, means for releasing pins from the first mentioned cups, means for releasing pins from the second mentioned cups, means for sweeping the pins into a pit, and means under the control of the operator for actuating all of said parts, substantially as described.

1,573,644. MULTIPLE-ROD SUPPORT FOR WINDOW HANGINGS. LULA H. ROBINSON, Dallas, Tex. Filed May 12, 1925. Serial No. 29,662. 2 Claims. (Cl. 156—23.)



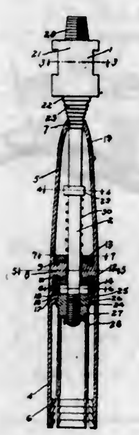
1. In a hanger of the type set forth, a horizontal supporting rod, slides carried by the rod, cleats formed for vertical securement to a window frame and being engageable with the slides, a horizontal curtain rod arranged above the supporting rod, vertical window frame engaging members, upper and lower collars carried by said vertical members and receiving the supporting rod and curtain rod respectively therethrough, shade hangers carried by the supporting rod, a collar slidable on each end of the curtain rod, and a series of curtain rod hooks on each collar.

1,573,645. AMUSEMENT DEVICE. NEWMAN LE ROY ROGERS, Los Angeles, Calif. Filed June 4, 1925. Serial No. 34,897. 8 Claims. (Cl. 273—103.)



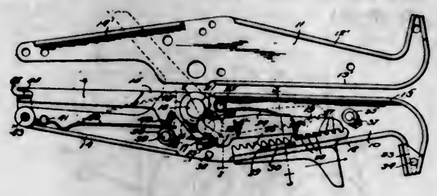
1. An amusement device comprising a plurality of targets, a container below each of said targets, balls adapted to be thrown at the targets, and means providing tortuous passages between the targets and the containers whereby balls thrown at a target and missing it will be caused to drop into any of said containers.

1,573,646. FISHING TOOL. CHARLES SCHIEFFERLE, Los Angeles, and JULIUS SCHIEFFERLE, Inglewood, Calif. Filed July 9, 1925. Serial No. 42,462. 12 Claims. (Cl. 294—116.)



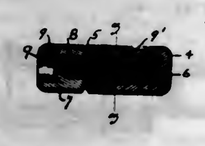
1. A fishing tool comprising in combination a plurality of longitudinal fingers, a jarring rod, means slidable on the jarring rod and situated between the upper and lower ends of each finger to retain them in relative position around a circle, means rigidly secured to the jarring rod to positively clamp the fingers with the lower ends expanded and the upper ends contracted, and means on the jarring rod to force the upper ends outwardly and to retract the lower ends of the fingers to grip an object.

1,573,647. MULTIPLE-PURPOSE QUICK-ACTING IMPLEMENT. BENJAMIN F. BROOKS SEWELL, Chula, Va. Filed Nov. 13, 1922. Serial No. 600,523. 3 Claims. (Cl. 81—89.)



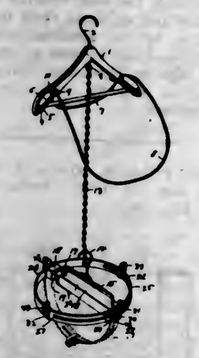
1. An implement comprising a body having spaced side walls, a lever pivoted between the side walls upon a pivot fixed relative to said walls, a jaw slidable relative to the walls and provided with a rack, a pawl, means pivoting the pawl to the lever eccentric of the pivot, and means carried by the pawl for engaging the pivot of the lever for throwing the pawl ont of engagement with the rack.

1,573,648. CONTAINER. JOSEPH H. SHEELY, St. Louis, Mo. Filed Feb. 24, 1925. Serial No. 11,234. 1 Claim. (Cl. 128—269.)



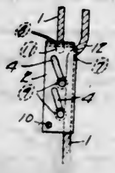
A paraffine container comprising a solid base, having its outer end countersunk and having a brush permanently secured at its other end, a cap, said cap secured to said base with a breakable joint.

1,573,649. GARMENT HANGER. BRYANT SIMPSON, Washington, D. C. Filed Apr. 27, 1925. Serial No. 26,233. 3 Claims. (Cl. 223—62.)



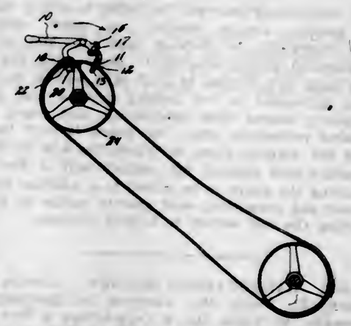
1. A suit hanger having eyes on its opposite faces adjacent to the arms thereof, wire members having their ends pivotally secured to the eyes, said wire members being looped and from thence bowed outwardly at opposite angles, hooks on the sides of the hanger for engaging with the bowed portions of the wire members, and one of said wire members being of a greater length than the other.

1,573,650. ANTISKID-CABLE AND FASTENER. CHARLES I. SIGNER, Olympia, Wash. Filed Jan. 19, 1924. Serial No. 687,176. 1 Claim. (Cl. 24—134.)



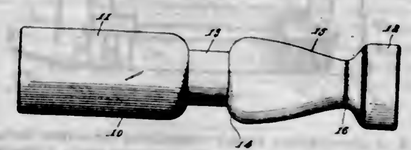
An anti-skid cable end fastener formed of an elongated, rectangular sheet metal blank having a medial cable slot at one end, cable holes at the sides of the cable slot, and obliquely directed roller slots with enlarged inner ends at each side of the blank; the blank being folded upon its medial line to form a cable way, and the free corners of the blank carrying the cable holes being bent inwardly and overlapped with the cable holes registering with each other to form a cable end locking means, a portion of the cable slot being left open as a cable run way; and clutch rollers operatively mounted in the fastener with their ends journaled through the said roller slots.

1,573,651. BELT TOOL. ERNEST A. SMITH, Barry, Iowa. Filed Jan. 13, 1925. Serial No. 2,187. 4 Claims. (Cl. 64—51.)



1. A tool of the character described comprising a lever, a hook-like element secured to one end of the lever and projecting laterally therefrom, an arm arranged transversely of the lever and projecting beyond both sides thereof, said arms terminating to provide a hook arranged in juxtaposition to the first mentioned hook, means for associating the arm with the lever, and a hook-like element carried by the arm at a point in its length.

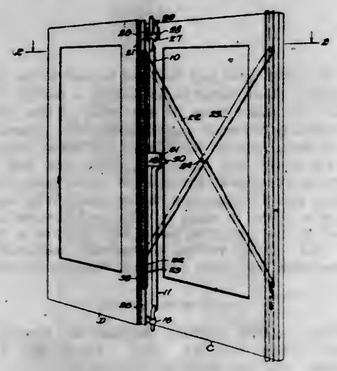
1,573,652. ARCH RESTORER. EARL S. SNYDER, Long Beach, Calif. Filed Mar. 24, 1923. Serial No. 627,449. 1 Claim. (Cl. 128—57.)



An orthopedic appliance consisting of an elongated roller having cylindrical end portions constituting bearing surfaces and guides, said roller having a greatly reduced cylindrical intermediate portion and a tapered compound curved portion leading from said intermediate portion to one of said cylindrical end portions, said compound

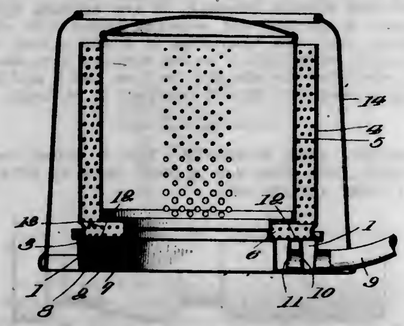
curved portion having its maximum diameter at a point spaced slightly from its juncture with the intermediate cylindrical portion, and tapering toward said last named cylindrical end portion and merging thereinto along a curved line.

1,573,653. SELF-LOCKING DOOR BOLT. JOHN H. STEWART, Rutherford, N. J. Filed Feb. 11, 1925. Serial No. 8,469. 7 Claims. (Cl. 292—39.)



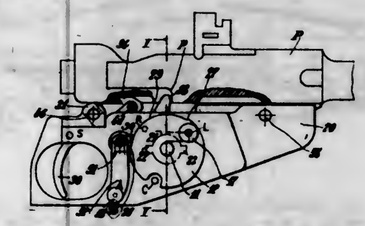
1. A self-locking door bolt including a sliding bolt section, gravity means tending to move said bolt section upwardly to locking position, and a movably mounted guard adapted to move over the upper end of said bolt section to hold said section restrained against movement to the locking position and prevent said gravity means from functioning, said guard having a member projecting, when the guard is over the bolt, beyond the vertical plane in which the bolt is disposed to position said member for contact with a door lintel for causing the guard to be moved to a position releasing said bolt and permitting said gravity means to function in moving the bolt section to locking position.

1,573,654. HYDROCARBON BURNER. ARTHUR STOCKSTROM, St. Louis, Mo., assignor to American Stove Company, St. Louis, Mo., a Corporation of New Jersey. Filed June 12, 1925. Serial No. 36,595. 10 Claims. (Cl. 158—87.)



5. A hydrocarbon burner comprising concentric troughs connected at their upper adjacent walls by a transverse perforated web, a combustion section above the said troughs, the lower end of the combustion section enlarged laterally to embrace both of the said troughs, the side wall of the outer combustion section provided with openings opposite the enlargement, the parts arranged for the purpose described.

1,573,655. FIRING REGULATOR FOR AUTOMATIC FIREARMS. CHARLES SUTTER, Suresnes, France, assignor to Societe Anonyme des Anciens Etablissements Hotchkiss et Compagnie, St. Denis, Seine, France. Filed Feb. 20, 1925. Serial No. 10,641. 14 Claims. (Cl. 89—2.)



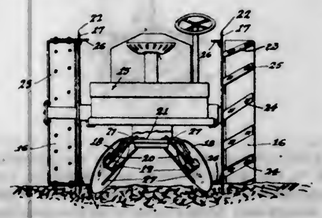
6. A firing regulator for automatic firearms, comprising in combination a casing a trigger in said casing, a fly-wheel mounted in said casing, said fly-wheel having a recess, a reciprocating member adapted to rotate said fly-wheel and a catch actuated by the trigger for locking said fly-wheel.

1,573,656. AIR FILTER. ROYAL E. TERHUNE, Clifton, N. J. Filed Aug. 20, 1923. Serial No. 658,472. 1 Claim. (Cl. 183—44.)



A device of the character described comprising an integral oblong box-like housing, said housing being formed with oppositely disposed open sides, a straight shoulder defining each of said open sides, said shoulders each being set within the box and spaced relative to the defining edge of its respective open side, a gasket carried by each of said shoulders, a filtering element mounted in each of said open sides and with the gaskets adapted to form a closure therefor, and spaced apart bolts passing through the said filtering elements to regulate their tension and maintain them in position on the gasketed shoulders of the housing, and a filtered air outlet thimble at one end of said housing, said thimble consisting of a tubular extension having a stream-line bore communicating directly with the space between said filtering elements.

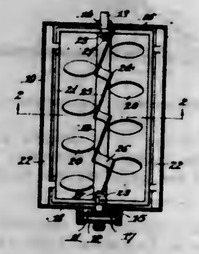
1,573,657. BEET PULLER. OSCAR A. THOMAS, Oxnard, Calif. Filed Aug. 11, 1923. Serial No. 656,769. 4 Claims. (Cl. 55—106.)



1. A beet pulling device, comprising an annulus adapted to be secured to a vehicle wheel and having a continuous cutting edge, a convex disc arranged in converging rela-

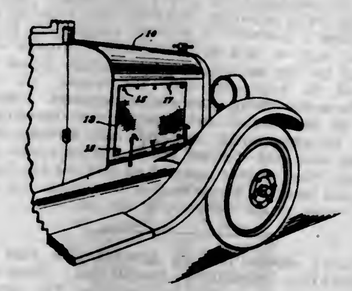
tion to the annulus and mounted for rotational movement, and means carried by one of the elements for preventing clogging of earth between the elements.

1,573,658. MIXING AND EJECTING MECHANISM. EMERY THOMPSON, New Rochelle, N. Y. Filed May 29, 1925. Serial No. 33,744. 2 Claims. (Cl. 259—41.)



1. A mixing and ejecting element comprising a plurality of blades, means for effecting the attachment of the blades consisting of apertured lugs, the apertures in said lugs being in axial alignment, said blades being disposed in parallelism with respect to each other and in spaced relationship, and the said blades being connected together by portions arranged respectively between adjacent blades.

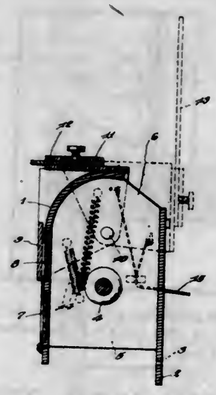
1,573,659. ENGINE-HOOD-VENT COVER. HENRY L. THOMPSON, Philadelphia, Pa. Filed Mar. 5, 1923. Serial No. 622,972. 1 Claim. (Cl. 180—69.)



A side vent cover for an automobile hood comprising a curtain, fasteners connecting one edge of the curtain to the hood above the vents, straps depending from certain of said fasteners and disposed between the hood and curtain, additional fasteners adapted to detachably connect the lower edge of the curtain with the hood at a point below the vents and fasteners on the outer ends of said straps adapted to cooperate with some of the fasteners at the upper edge of the curtain to support the curtain in a raised position relative to said hood vents.

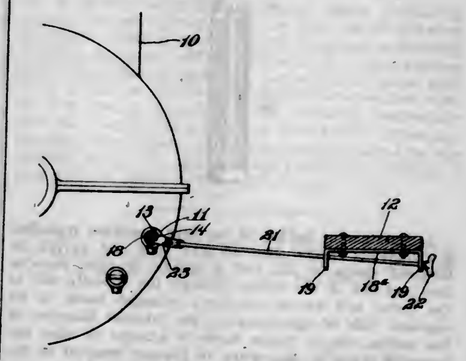
1,573,660. AUTOMOBILE SIGNALING DEVICE. THOMAS E. THOMPSON, Chicago, Ill. Filed May 29, 1925. Serial No. 33,767. 8 Claims. (Cl. 116—42.)

1. In combination a casing supporting a display plate and provided with an opening, a bulb within the housing, a shutter for covering and uncovering said plate, means for giving such movement to said shutter and a signal element associated with said shutter so that when the



shutter is in position to uncover said plate, said signal element will be in displaying position and receiving light rays from the bulb through said opening.

1,573,661. PET-COCK-OPERATING DEVICE FOR AUTOMOBILES. BURNIEB A. WALBRIDGE and CHARLES E. WALBRIDGE, Ihlen, Minn. Filed Dec. 15, 1925. Serial No. 75,554. 2 Claims. (Cl. 137—139.)

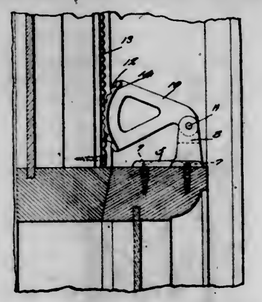


1. In combination with a vehicle including an engine having an oil control pet cock provided longitudinally of the vehicle and a running board likewise extending longitudinally of the vehicle, a member having depending arms spaced transversely of the vehicle and secured to the under surface of the running board, said arms having openings formed therein, a rod directed through said openings, a member secured to the operating element of the pet cock and a universal connection between the inner end of the rod and the member.

1,573,662. WINDOW LOCK. ROBERT V. WARGA, St. Louis, Mo. Filed May 13, 1925. Serial No. 30,045. 1 Claim. (Cl. 292—238.)

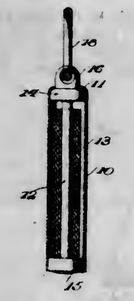
A device of the character described comprising a serrated bar to be secured to one of the rails of a vertically movable sash, an L-shaped plate to be secured to the upper face of a lower sash, a pair of upstanding ears

formed on the plate, a triangular shaped toothed segment pivotally supported between the ears in a manner to engage with the toothed bar whereby to lock the two



sashes in various positions with respect to each other by the engagement of the teeth of the segment with the teeth of the bar.

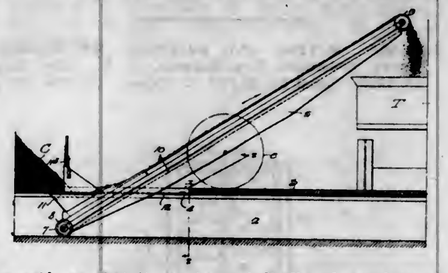
1,573,663. POCKET LICENSE CONTAINER OR HOLDER. WILLIAM WARREN, Newport, R. I., assignor of one-half to Bernard Richards, one-fourth to William Warren, and one-fourth to Charles Cohen, all of Newport, R. I. Filed Mar. 10, 1925. Serial No. 14,518. 1 Claim (Cl. 40—19.)



A container or holder of the type described including a cylindrical casing open at both ends and having an inturned flange at one end, a spindle or stem movable into and out of the casing through the opposite end of the latter and having annularly enlarged heads at its opposite ends of approximately the internal diameter of the casing, one of which heads is adapted to abut the inturned flange of the casing to prevent removal of the spindle through the flanged end of the casing, said last named head of the spindle having a reduced axial extension projecting exteriorly through the adjacent end of the casing and provided with an opening, and a split spring ring through the said opening serving as an attaching means for the casing or container as a whole, and also functioning to normally prevent removal of the spindle or stem through the first mentioned end of the casing.

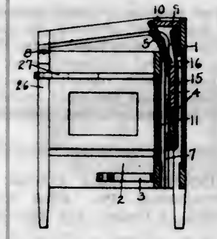
1,573,664. STORAGE AND RECLAIMING SYSTEM. RICHARD WAYNE WETHERILL, Philadelphia, Pa. Filed Oct. 6, 1925. Serial No. 60,843. 17 Claims. (Cl. 214—10.)

1. In a storing and loading system, the combination with a floor, of means forming a trench below the floor level, a series of transversely extending narrow cover sections for the trench flush with the floor and adapted to be separately removed to uncover different parts of the trench, and an elevating conveyor having its receiving end adapted to extend into the said trench below the floor level and underneath the cover section at the end of the said series, the said conveyor being bodily



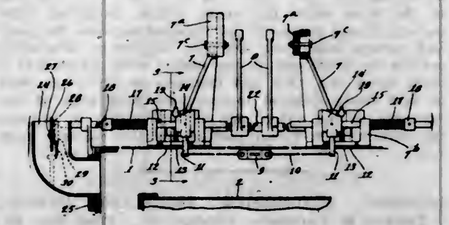
movable so that it can be periodically advanced as an entirety along the trench as successive cover sections are removed from the end of the said series.

1,573,665. DESK. GEORGE P. WIGGINTON, Kalamazoo, Mich., assignor to Kalamazoo Loose Leaf Binder Co., Kalamazoo, Mich. Filed Sept. 26, 1921. Serial No. 503,124. 3 Claims. (Cl. 45—92.)



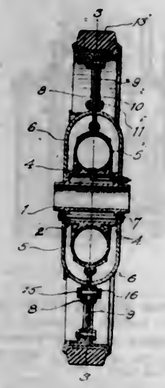
1. The combination in a desk comprising a back wall and end walls extending forwardly therefrom, of a top comprising a plurality of sections hinged edge to edge, angular ways on said end walls, rollers disposed at the ends of the top sections, the intermediate rollers being disposed in alignment with the hinges, the intermediate section being otherwise unsupported, a rod disposed at the rear of and adjacent the angles of said ways, sprocket wheels on said rod, sprocket chains running over said sprocket wheels and connected to the top, and coiled springs mounted on said rod and engaged with said sprocket wheels so that the springs are placed under stress on the collapsing of the top.

1,573,666. DOOR-CLOSING MECHANISM FOR DRY-CLEANING WASHING MACHINES. GEORGE W. WILSON, Reading, Ohio, assignor to The American Laundry Machinery Company, Cincinnati, Ohio, a Corporation of Ohio. Filed May 25, 1923. Serial No. 641,527. 7 Claims. (Cl. 220—89.)



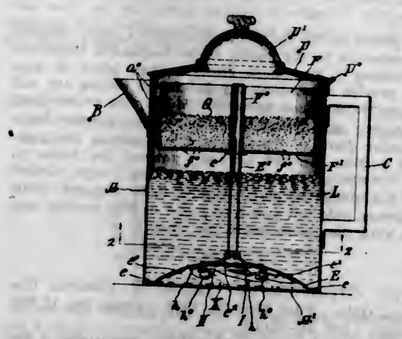
1. In a machine of the class described, the combination of a container for inflammable material, said container having an opening, a door for said opening, and thereby controlled means including actuating cam means located outside of said container for automatically closing said door in case of fire.

1,573,667. WHEEL. OTTO E. WILSON, Peru, Ind. Filed May 2, 1924. Serial No. 710,611. 1 Claim. (Cl. 152—42.)



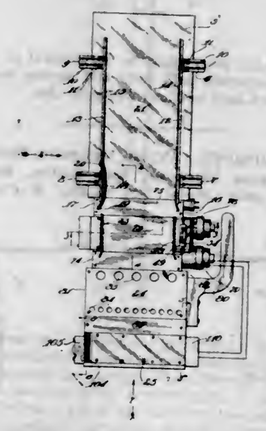
A resilient wheel comprising a hub, a pneumatic member carried thereby, a two-part casing connected with the hub and having parallel flanges at its outer circumference which are spaced apart, a one piece disc passing through the space between the flanges, shoes connected with the inner circumference of the disc and engaging the pneumatic member, said disc having holes therein, bolts of smaller diameter than the holes passing through the same and being carried by the flanges, a tire connected with the outer circumference of the disc, each flange of the casing having a hole therein and the disc having a slot therein, bosses carried by the flanges having their bores registering with the holes, a pin passing through the slot and the holes with its ends resting in the bosses and screw caps engaging the bosses.

1,573,668. PERCOLATOR COFFEEPOT. MOSES LINDLEY WOOD, Washington, D. C. Filed Nov. 2, 1925. Serial No. 66,303. 7 Claims. (Cl. 53—3.)



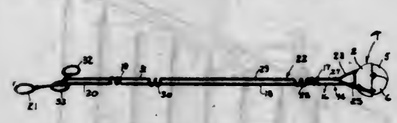
1. In a coffee pot, the combination with a cylindrical container, and a cover therefor, of a cupped annular plate provided with a hollow stem, said plate fitting in said container and being provided with openings spaced apart from said stem, and said stem being provided with an abutment thereon, an annular percolator cup adapted to slip over said stem and to be supported on said abutment, and a cupped valve plate made of thin resilient metal secured beneath said first mentioned plate and having resilient arms terminating in flap valves registering with said openings.

1,573,669. PACKAGE-SEALING DEVICE. CHARLES W. H. BOLINGBROKE, Los Angeles, Calif. Filed Feb. 19, 1924. Serial No. 693,913. 3 Claims. (Cl. 93—2.)



1. A package wrapping and sealing device comprising a frame, means forming a flat hot plate at the forward end of the frame, a working board extending backwardly from the hot plate, two hot plates back of the working board vertically and yieldingly mounted and facing each other, means for adjusting the distance between the vertical hot plates, a cooling table extending backwardly from the vertical hot plates and having sides adjustably mounted, and a series of bowed springs attached to the forward end of one side to press against the ends of a package as it passes to the cooling table.

1,573,670. BAIT DEPOSITOR FOR RODENTS. CHARLES J. BARNES, Redlands, Calif. Filed Apr. 30, 1925. Serial No. 26,006. 6 Claims. (Cl. 43—124.)

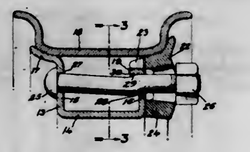


1. A bait depositor for rodents comprising a device adapted to enclose a suitable bait to pass the bait into a gopher hole or the like and release the bait in the hole and a flexible means to insert the said device and a second flexible means to actuate the device.

1,573,671. WHEEL ASSEMBLY. LLOYD BLACKMORE and LOUIS M. SPENCER, Highland Park, Mich., assignors to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Jan. 9, 1922. Serial No. 527,879. 7 Claims. (Cl. 301—20.)

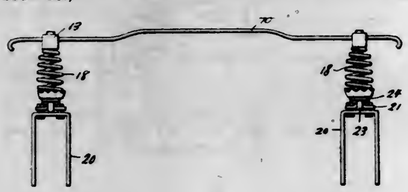
1. In a wheel, a channel felly having laterally bent portions on one flange of said channel, a rim engaging

the other flange thereof, rim wedge bolts extending through said flanges and engaging beneath said portions for reinforcing the same and having means for engaging



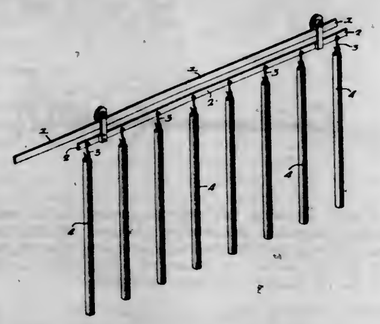
said portions for preventing the withdrawal of said bolts, and wedges engaging said bolts and having members engaging between said portions and said rim.

1,573,672. BUMPER. CYRILL BRIGNOLO, THONY AMARI, and GIUSEPPE BRIGNOLO, East Boston, Mass. Filed Oct. 13, 1925. Serial No. 62,282. 5 Claims. (Cl. 293—55.)



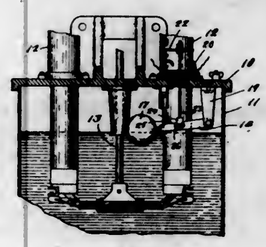
1. A bumper for use upon motor vehicles comprising anchoring brackets arranged at appropriate points thereon, U-bolts supported upon the forward portion of the anchoring brackets, plates secured to the bumper at appropriate points in the length thereof, and springs having their respective end convolutions secured to the U-bolts and plates providing a combined universal joint and shock absorber for the bumper.

1,573,673. METHOD OF DRYING FINELY-DIVIDED MATERIALS. JESSE B. BRONSTEIN, Allentown, Pa., assignor to Trojan Powder Company, New York, N. Y., a Corporation of New York. Filed Oct. 23, 1919. Serial No. 332,714. 4 Claims. (Cl. 34—24.)



4. The process of drying nitrostarch, which comprises filling a tubular fabric bag of length relatively great as compared to its width with a slurry of the nitrostarch, and exposing the bag to a drying atmosphere until the evaporation of the moisture from the surface of the bag has reduced by capillarity the moisture content of the contained nitrostarch to the desired extent.

1,573,674. ELECTRICALLY-OPERATED ELECTRIC SWITCH. GEORGE A. BURNHAM, Saugus, Mass., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed Sept. 9, 1921. Serial No. 499,406. 9 Claims. (Cl. 175—375.)



1. An oil immersed electric switch having associated with it an auxiliary switch arranged to be governed by the level of oil within said oil immersed switch, and means governed by the auxiliary switch to control the operation of the oil switch.

1,573,675. GARTER. ALBERT CARLSON, Swanton, Vt. Filed July 13, 1925. Serial No. 43,286. 1 Claim. (Cl. 24—243.)

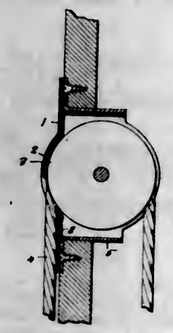


In a garter of the character described, a clasp adapted to be connected to the garter to be suspended therefrom and including a loop made from a single piece of wire bent to provide a substantially flat frame having one end turned outwardly and upwardly to form a broad hook bill overlying said frame in close relation thereto for a considerable distance thereof, said bill having its intermediate portion directed inwardly toward the frame to form a constricted portion, and a locking tongue formed from a flat elongated plate adapted to be engaged crosswise between said bill and frame and having flexible connection with the garter above the clasp.

1,573,676. COVER PLATE. SAMUEL W. CARROLL, Cincinnati, Ohio. Filed Mar. 28, 1925. Serial No. 17,760. 1 Claim. (Cl. 16—211.)

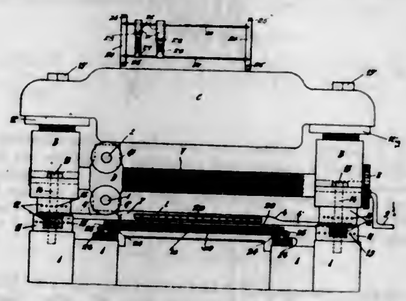
A cover plate for sash cord pulleys, comprising a flat member having a central outwardly bulged portion, said member designed to rest upon the side of a window casing and the bulged portion thereof designed to receive the sash cord pulley therein, a compressible strip on the inner face of the said member also arranged in the bulged portion thereof, said member having a transverse slot communicating with its bulged portion and its bulged

portion having an opening extending downwardly from the slot, and through which opening the sash cord passes, the compressible member being slitted, and having an



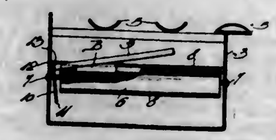
opening aligning with the opening in the bulged portion and said member being held in sustained position by contacting engagement with the sash cord therewith.

1,573,677. MACHINE FOR THE MANUFACTURE OF TICKETS OR LABELS. EDMOND CAUDRELIER, Paris, France. Filed Apr. 14, 1924. Serial No. 706,417. 11 Claims. (Cl. 101—3.)



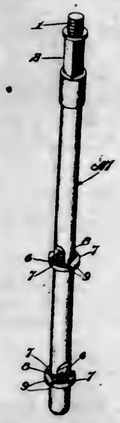
1. In a stamping machine, a base, a cooperating pressure head, an interposed carrier, a series of independent pressing keys between said carrier and base, and means for moving said carrier over said keys.

1,573,678. ASH RECEIVER. GEORGE E. CRAWFORD, San Francisco, Calif. Filed June 11, 1925. Serial No. 36,468. 4 Claims. (Cl. 131—51.)



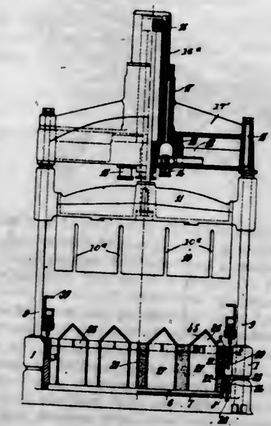
1. An ash receiver and butt extinguisher comprising a tray having an opening in its bottom, a hollow base with which said opening communicates, a cigarette butt support rotatably mounted in said opening, a normally raised butt-pressing member movably mounted adjacent said butt support and adapted to be moved downwardly to force a butt against said support to thereby extinguish the butt, and means for rotating said support when the pressing member is again raised, thereby depositing the extinguished butt in the hollow base.

1,573,679. PARAFFIN CLEANER. ARTHUR SMITH CROSBY, Mariand, Okla., assignor of two-thirds to American Iron & Machine Works, Inc., Tonkawa, Okla., a Corporation of Oklahoma. Filed Sept. 30, 1924. Serial No. 740,782. 4 Claims. (Cl. 166—18.)



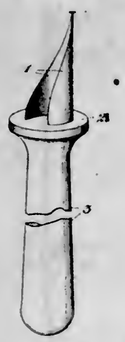
4. A scraper for a tubing or casing of an oil well comprising an elongated member provided with attaching means and having an opening therethrough, the bottom wall of said opening being substantially at right angles to the longitudinal axis of the member, the top wall having its end portions reversely beveled, scraping wings arranged at opposite sides of the member and provided with inwardly disposed arms extending with the opening, and means for pivotally connecting the inserted end portions of said arms with the member for free swinging movement, said scraping wings being substantially semicircular in form and substantially surrounding the elongated member when in their lowermost positions.

1,573,680. AGGLOMERATING MACHINE. PIERRE ANSELME IGNACE CUVELIER, Haubourdin, France. Filed Feb. 29, 1924. Serial No. 696,027. 21 Claims. (Cl. 25—41.)



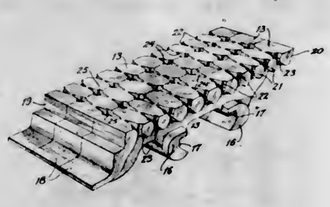
1. An agglomerating machine comprising in combination a mould, means for delivering a charge of material to said mould, means for imparting a jigging motion to said mould and means for ramming said material in said mould, all said means being actuated by compressed air.

1,573,681. TROCAR. JORGE GASC DAIREAUX, Buenos Aires, Argentina. Filed June 18, 1924. Serial No. 720,803. 1 Claim. (Cl. 128—347.)



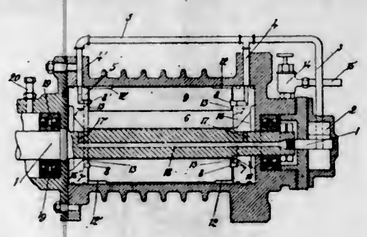
An instrument for making punctures in bound animals, comprising a handle provided at one end with an enlargement having a flat face at right angles to the longitudinal axis of the handle, and a cutting blade secured thereto projecting centrally from the face of the enlargement and in line with the handle, said blade being curved transversely and having its edges gradually inclined to form a pointed end, said edges being sharpened to form cutting edges extending throughout their length, whereby the flat face of the enlargement of the handle forms a stop to limit the puncture and provision is made for making a curved incision which is greater than a semicircle and facilitates closing of the wound.

1,573,682. GRATE. FRANCIS DE GRUCHY, Newark, N. J. Filed May 10, 1924. Serial No. 712,386. 1 Claim. (Cl. 110—40.)



In combination with the grate bar of a stoker grate, a plurality of grate sections arranged side by side, means for removably securing said sections to said grate bar, each grate section including a head and a longitudinal web depending centrally therefrom, the web of one grate section co-acting with the web of the next adjacent grate section to define pockets, vertical slots diametrically arranged on the side faces of said head, the upper and lower walls of said slots being bevelled in opposite directions the slots of one grate section co-acting with the slots of the next adjacent grate sections to define openings in communication with said pockets and the upper surface of the grate sections, and grooves formed in the upper face of the head and leading from the upper bevelled walls of said slots toward the center but terminating short thereof substantially as and for the purpose specified.

1,573,683. ROTARY PUMP. EUGÈNE ARSÈNE DIFFINGER, Paris, France, assignor of one-half to Etablissements P. Colombier Fils, Paris, France. Filed Jan. 30, 1924. Serial No. 689,488. 5 Claims. (Cl. 230—30.)



1. In a rotary pump, a cylinder, a rotor therein, and blades formed of a plurality of joined plates reduced at their opposite ends to provide channels extending to the outer edge of the blades, said edge being recessed at each end to communicate with said channel.

1,573,684. SEALABLE PACKAGE TIE. JOHN L. DINSMOOR, New York, N. Y. Filed Sept. 18, 1924. Serial No. 738,342. 4 Claims. (Cl. 24—30.5.)



1. A sealable package tie including in combination a flexible annulet adapted for encircling a package, an eye formed therein by twisting a bight thereof, said annulet being adapted for being drawn taut about the package by said twisting, and means passing through said eye and about a single portion of said annulet for sealing the tie.

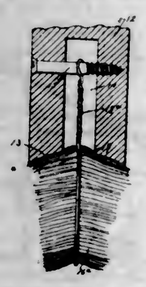
1,573,685. SEALABLE PACKAGE TIE. JOHN L. DINSMOOR, New York, N. Y. Filed Sept. 20, 1924. Serial No. 738,748. 3 Claims. (Cl. 24—30.5.)



1. A sealable package tie including in combination a flexible member having an eye formed in each end thereof, said member being adapted for encircling a package and being drawn taut thereabout by twisting together the portions thereof adjacent said eyes, and sealing means comprising a strip of material passed through said eyes and about a single portion of said member and means for sealing the strip of material.

1,573,686. METHOD OF MAKING MOPS. PETER C. DONAHUE, Cambridge, Mass. Filed Dec. 8, 1924. Serial No. 754,627. 2 Claims. (Cl. 300—21.)

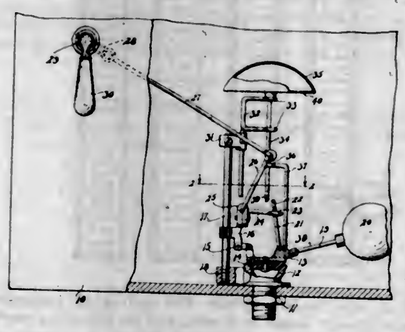
1. The herein described method of making a mop which comprises providing a handle having at one end a recessed seat and a bore opening into the seat, providing a ligature of an elongated loop form, expanding the loop at one end, inserting a mass of filaments in said expanded portion of the loop fixedly securing the unexpanded end of the loop in the handle bore, and rotating the mass of filaments relative to the handle to intertwist the members of the loop and bind the filaments on the seat.



1,573,687. MALT SIRUP AND PROCESS OF PREPARING THE SAME. HARRY E. DUBIN, New York, N. Y., assignor to Herman A. Metz, New York, N. Y. Filed Apr. 16, 1923. Serial No. 632,535. 7 Claims. (Cl. 195—24.)

1. Process which comprises subjecting wort containing diastase to a mild treatment with a solid adsorbent decolorizing agent sufficient to decolorise the wort but insufficient to substantially reduce its enzyme activity.

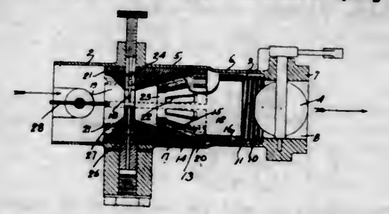
1,573,688. VALVE. ALBERT DUMONT, Maple City, Mich. Filed Feb. 4, 1925. Serial No. 6,840. 2 Claims. (Cl. 4—63.)



1. The combination with a container having a discharge outlet, a normally closed valve for controlling the outlet, manually operated means to open the valve, a vertically movable stem, a guide for the stem, a float carried by the stem and a link having one end pivotally connected to the valve and its opposite end slidingly connected with said stem to open the valve when liquid within the container reaches a predetermined level.

1,573,689. CARBURETOR. PAUL ALEXANDER DUMARESE, Milford, Conn. Filed Sept. 19, 1921. Serial No. 501,628. 1 Claim. (Cl. 261—63.)

A carburetor, comprising a casing, a venturi positioned in the casing formed with a tapering bore merging into a cylindrical inner slotted end, the slots in said slotted end merging into passage-ways extending to the opposite end of the venturi, a cone coacting with said venturi formed with a foraminous tapering section adapted to engage the walls of said tapering bore, a solid cylindrical section normally fitting into said cylindrical inner end and closing said slots, and a central bore extending entirely through the cone, a spring for normally holding the cone so that the tapering section is engaging the walls of said tapering bore, and means for supplying fuel to the point of smallest diameter of the venturi.

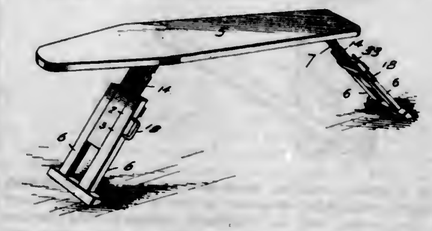


1,573,690. AIR MOISTENER. CHARLES EMMETT EDWARDS, Galion, Ohio. Filed Sept. 19, 1921. Serial No. 501,590. 5 Claims. (Cl. 261—121.)



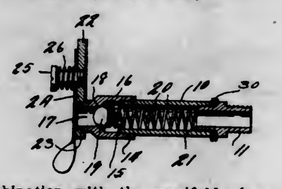
1. A device of the character described including a bracket having a head provided with an outlet passage, a container, an air intake fitting carried by the container for supplying air thereto, a clamping band surrounding the container coacting with said fitting for securing the fitting upon the container, and means supporting the container to sustain said fitting coacting with the head, the container being in communication with said passage.

1,573,691. IRONING BOARD. SIMON EICHBERG, Chicago, Ill. Filed June 11, 1925. Serial No. 36,411. 2 Claims. (Cl. 68—10.)



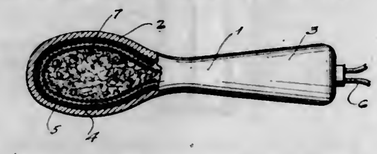
1. An ironing board comprising a body, legs hingedly connected thereto and consisting of upper sections having tongues and lower sections of U-shaped formation having sides positioned at opposite edges of said upper sections and being formed with grooves slidably receiving said tongues, said tongues being notched, U-shaped locking devices carried by said U-shaped sections and adapted to be extended into said notches of said tongues to hold the sections in adjusted positions, the bight portions of said lower sections being extended beyond the sides of the lower sections to provide supporting bases.

1,573,692. AUXILIARY AIR CONTROL FOR INTERNAL-COMBUSTION ENGINES. ELMER A. EKLUND, Spencer, S. Dak. Filed July 21, 1925. Serial No. 45,115. 1 Claim. (Cl. 277—24.)



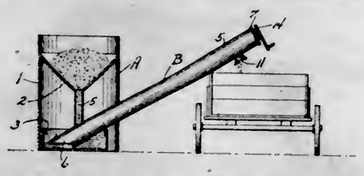
The combination with the manifold of an engine, of an air valve casing connected to the manifold, a valve therein opening upon suction within the manifold, a spring normally holding the valve closed, manually operable means for controlling the amount of air passing through said valve including a plate having an inlet opening leading to the valve, a blade-like valve oscillatably mounted upon the plate, and a spring urging said blade-like valve against the plate, said blade-like valve being formed at one end with a finger hold and at its opposite end with a pointer, the face of the plate being formed with a scale over which said pointer moves.

1,573,693. ELECTRIC FACIAL DEVICE. GEORGE E. ENGSTROM, Deerfield, Ill. Filed Apr. 23, 1923. Serial No. 654,065. 3 Claims. (Cl. 128—254.)



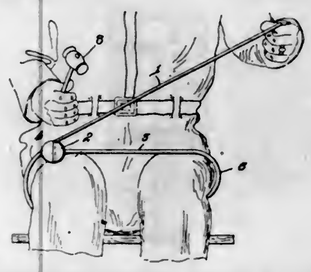
1. An electrical device for facial massage or heat treatment having absorbent properties shaped to provide a body portion having a curved surface, a handle for the body and an electrical heating coil arranged within the body around the entire inner surface in close proximity to the wall thereof to provide uniform heating of the body.

1,573,694. GRAIN PICKLER AND LOADER. ALFRED ESPESETH, Prospy, Alberta, Canada. Filed Feb. 21, 1924. Serial No. 694,404. 4 Claims. (Cl. 83—28.)



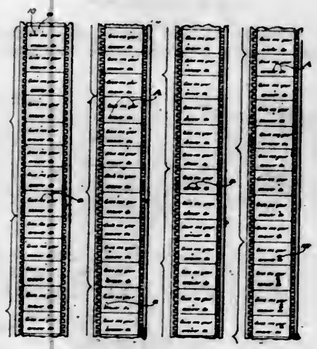
1. A grain treating mechanism comprising a casing, a liquid containing reservoir mounted in the lower end of the casing and an angularly disposed tube having one end extending through one side of the casing and projecting into the receptacle and provided with an opening adjacent its inner end, such inner end of the tube being disposed in close proximity to the bottom of the receptacle and having its under face cut away whereby an unrestricted inlet will be provided, and a grain receiving hopper supported in the casing, a discharge tube leading therefrom, and communicating with the opening in the first mentioned tube, and a conveyor means mounted in the first mentioned tube for conveying the grain to a point remote from the casing after the latter has passed into the lower end of such tube.

1,573,695. MUSICAL INSTRUMENT. CLARENCE M. FIELDS and WALTER WORRICK, Bellefontaine, Ohio. Filed Jan. 31, 1925. Serial No. 6,095. 2 Claims. (Cl. 84—403.)



1. A musical device, comprising a supporting part having curved ends for engaging the legs of the user when the supporting part is set in the lap of the user, a base connected with the supporting part and a blade member having one end connected with the base.

1,573,696. SONG-MOTION-PICTURE FILM. MAX FLEISCHER, Brooklyn, N. Y., assignor to Out of The Inkwell Films, Inc., New York, N. Y., a Corporation of New York. Filed June 4, 1925. Serial No. 34,990. 10 Claims. (Cl. 88—19.5.)



1. A song motion picture film having on successive frames thereof words of a song, and an indicating mark, said mark occupying, in certain frames of a group of frames, various lateral positions along said words, and positions indicating a recession and approach of the mark from and to the line of the words.

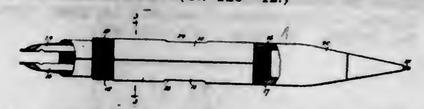
1,573,697. DENATURED ALCOHOL. HENRY C. FULLER, Washington, D. C. Filed June 6, 1921. Serial No. 475,478. 8 Claims. (Cl. 195—6.)

1. Denatured alcohol comprising ethyl alcohol and a halogen containing ester of glycerine.

1,573,698. DENATURED ALCOHOL. HENRY C. FULLER, Washington, D. C., assignor to Union Carbide and Carbon Research Laboratories, Inc., Long Island City, N. Y., a Corporation of New York. Filed June 21, 1922. Serial No. 569,951. 4 Claims. (Cl. 195—6.)

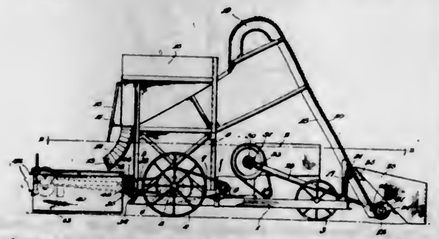
1. Denatured ethyl alcohol comprising ethyl alcohol and a halogen fatty acid ester of a polyhydric alcohol.

1,573,699. FOUNTAIN PEN. WILLIAM J. GIOVANNETTI, Brooklyn, N. Y. Filed Mar. 31, 1925. Serial No. 19,660. 4 Claims. (Cl. 120—42.)



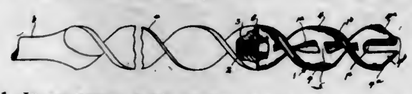
1. A fountain pen, which comprises a plurality of separate independent semi-circular sections each having a pen and a reservoir, and means permitting the slidable engagement of one section with the other to form a complete circular whole.

1,573,700. MACHINE FOR USE IN REPAIRING ROADS. EDWARD C. GLEDHILL, Galion, Ohio. Filed Feb. 21, 1924. Serial No. 694,423. 6 Claims. (Cl. 94—44.)



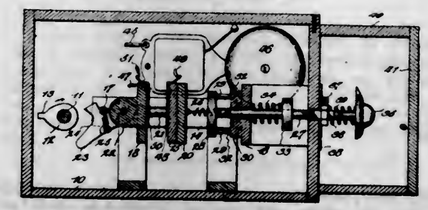
1. An apparatus for the purpose set forth comprising a truck, a bin mounted on the truck, a gage box carried by the truck below and in rear of the bin, transversely shiftable means for effecting spreading discharge of material from the bin into the gage box, a hopper supported upon the front side of the truck, and means for effecting upward travel of the hopper and dumping of the same to discharge material therein into the bin.

1,573,701. AUGER BIT. WILLIAM HENRY GOWDRIDGE, Rossiter, Pa. Filed Dec. 3, 1923. Serial No. 678,306. 2 Claims. (Cl. 255—69.)



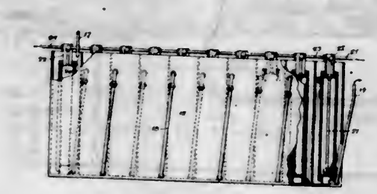
1. In an auger, a bit portion, and a tip member detachably secured to the end of the bit portion, said tip member being provided with openings between the convolutions thereof.

1,573,702. CIRCUIT CLOSER. JAMES JOSEPH GRAMMA, New York, N. Y. Filed Jan. 17, 1921. Serial No. 437,860. 1 Claim. (Cl. 200—52.)



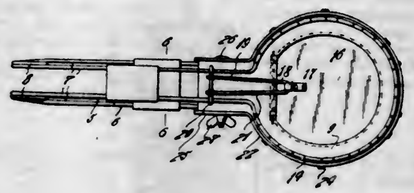
A device of the class described comprising a cam mounted on the shaft of an automobile, a frame, a carriage mounted on said frame and slidable thereon, a trigger mounted on said carriage and operable by said cam, a contact mounted on said carriage, a stationary contact mounted on said frame, a collar mounted on said frame and a manipulative member including a plurality of pins for co-action with a plurality of apertures provided in the collar whereby the contacts are rendered operative and inoperative upon tripping of said trigger.

1,573,703. RECOVERY OF CAUSTIC HYDROXIDES FROM WASTE SOLUTIONS. FRANK H. GRIFFIN, Wawa, Pa., assignor to The Viscose Company, Marcus Hook, Pa., a Corporation of Pennsylvania. Filed June 27, 1923. Serial No. 648,032. 10 Claims. (Cl. 23—252.)



1. Dialytic apparatus, comprising a series of compartments, means for flowing a solvent therethrough in one direction in series, in combination with a corresponding series of dialytic cells arranged in said compartments, and means for flowing the impure solution therethrough counter-current to the solvent, said cells having associated means for compensating the varying specific gravity of the impure solution as it passes through the series of cells.

1,573,704. TRAP. JOHN H. GROVE, Cascade Locks, Oreg. Filed Nov. 10, 1924. Serial No. 748,979. 3 Claims. (Cl. 43—81.)

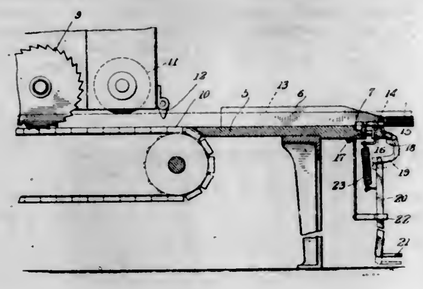


1. A trap comprising a pair of opposed spring urged jaws, a plate carried by the bottom-most jaw, and having an opening therein, a pivoted platform normally closing the opening and adapted to move into an animal burrow, a catch carried by the platform, a pivoted trigger carried by the other jaw and adapted to engage the plate and catch whereby to hold the jaws in open position, the pivotal movement of the platform permitting the jaws to move into gripping relation.

1,573,705. EDGING GAUGE. ANDREW C. HAUCK, Brooklyn, N. Y., assignor to Williamsburg Wood Heel Company, Brooklyn, N. Y., a Corporation of New York. Filed July 10, 1923. Serial No. 650,595. 3 Claims. (Cl. 143—168.)

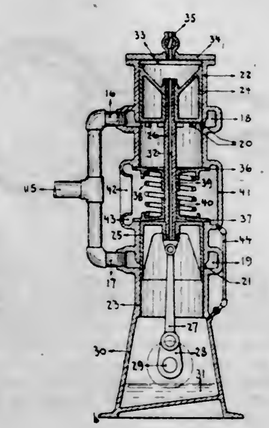
1. The combination with a saw and means for feeding the work in a straight line past said saw, of a front edge gauge positioned substantially on the line of the saw cut and located closely adjacent the automatic feeding means and an automatically disappearing gauge for prelimina-

rily positioning the rear edge of the work, said rear edge gauge being located at a point removed from the feeding means and provided both with means for automatically retracting the same out of the plane of the work and with means for momentarily projecting the same into gauging position, whereby upon the operation of said



mechanism, a board to be edged may be positioned at both ends against said gauges before entering the grip of the feeding means and on release of said projecting mechanism, the rear edge gauge will automatically retract out of the path of the board so as not to interfere with the straight passage of the board in the grip of the feeding means.

1,573,706. LUBRICATION SYSTEM. OTTO HAENTJENS, Hazleton, Pa. Filed July 14, 1925. Serial No. 43,582. 6 Claims. (Cl. 184—18.)



6. A cylinder closed at one end, a piston working in said cylinder, a crank case, a piston rod having a passage opening therethrough from the crank case to the chamber between the closed end of the cylinder and the piston, a regulating valve in said closed end for varying the depression in said chamber incident to the operation of the piston, and lubricant in the crank case passing through the piston rod to said chamber under the influence of such depression.

1,573,707. STEEL GOLF-CLUB SHAFT. WILLIAM FERDINAND HOERLE, Torrington, Conn., assignor to Union Hardware Company, Torrington, Conn., a Corporation of Connecticut. Filed Nov. 18, 1924. Serial No. 750,516. 4 Claims. (Cl. 273—80.)



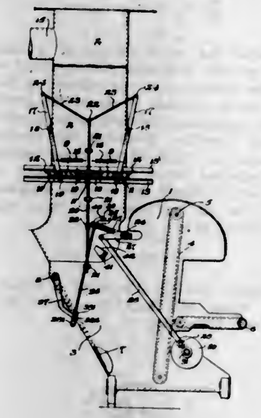
2. A torsionable seamless tubular golf club shaft formed of low carbon steel rolled longitudinally, carbonized to increase carbon content at the surface, heat treated and tempered.

1,573,708. MANUFACTURE OF GOLF-CLUB SHAFTS. WILLIAM FERDINAND HOERLE, Torrington, Conn., assignor to Union Hardware Company, Torrington, Conn., a Corporation of Connecticut. Original application filed Nov. 18, 1924, Serial No. 750,516. Divided and this application filed July 2, 1925. Serial No. 41,229. 9 Claims. (Cl. 148—12.)



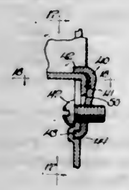
1. The process of forming a golf club shaft which comprises working and tapering a seamless steel tube having a carbon content of .10 to .40 percentum, carbonizing the tapered tube to increase the carbon content to about six tenths to one percentum, then heat treating, hardening and tempering said tube.

1,573,709. SUPPLY-CONTROLLING MEANS FOR TEXTILE-PREPARING MACHINERY. AUGUSTINE F. HORMAN, Andover, Mass. Filed Sept. 6, 1923. Serial No. 661,179. 8 Claims. (Cl. 19—69.)



2. Supply-controlling means for textile preparing machinery comprising, in combination with a hopper in connection with said machinery and a trunk supplying fibrous material to the said hopper, a cut-off normally occupying a position in which such material is arrested within said trunk, an actuating rod operatively combined with the cut-off, an actuating member, and means governed by the quantity of fibrous material within the hopper to bring about engagement between said member and the actuating rod to actuate the latter so as to open the cut-off and thereby release the arrested material.

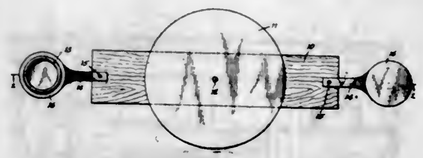
1,573,710. ELECTRICAL SWITCH INCLOSURE OR CABINET. BRYSON D. HORTON, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a Corporation of Michigan. Filed June 16, 1922. Serial No. 568,877. 14 Claims. (Cl. 247—1.)



1. In a device of the character described, in combination, a U-shaped trough, the wall of a switch inclosure comprising, a U-shaped trough knock-out, an indenture extending into the side of said wall from the edge of said U-shaped knock-out, and means extending through said indenture which serves to fasten said trough to said wall.

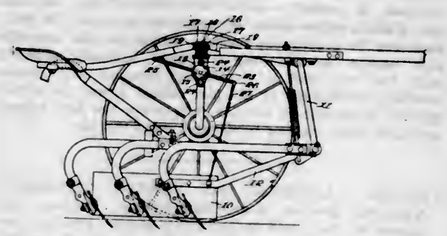
1,573,711. GAME. LOUIS CHÉRIE HOULE, West Pittsburgh, Pa. Filed Oct. 14, 1925. Serial No. 62,462. 2 Claims. (Cl. 273—100.)

1. A game apparatus including a base plate, a platform member of greater width than the base plate, arranged centrally thereon, a stake rising from the center of the platform member, spring fingers having their ends fixed to the ends of the base plate, said fingers including enlarged free extremities for supporting annular



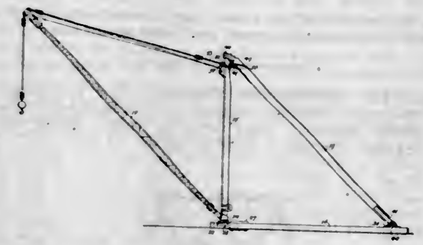
projectile members whereby the projectile members may be catapulted toward the stake when the fingers are manually depressed and released.

1,573,712. FENDER CONTROL. ARTHUR L. HUNT, Ravenwood, Mo. Filed Nov. 8, 1924. Serial No. 748,728. 2 Claims. (Cl. 97—188.)



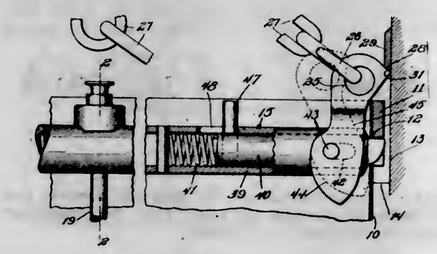
1. The combination with a cultivator and fenders adjustably secured thereto, of an adjusting rod, means connecting said rod and fenders, a substantially U-shaped bracket, means whereby the bracket may be secured to the cultivator, opposed pivotally movable bearing blocks carried by the bracket for engagement with the rod, means to releasably clamp the blocks in engagement with the rod to adjust the rod longitudinally and means providing an engagement between the bracket and blocks whereby the latter may be moved pivotally to regulate the position of the fenders.

1,573,713. DERRICK. FAY HUNT, New York, N. Y. Filed Feb. 21, 1925. Serial No. 10,912. 8 Claims. (Cl. 217—58.)



1. In a derrick, sills at an angle to each other, means to support a mast adjacent the convergent ends of the sills, and pintles adjacent the convergent ends of the sills and disposed in pairs to permit of engaging the sills with various ones of the pintles for disposing the sills in various positions about the mast supporting means.

1,573,714. ICE-MAKING APPARATUS. ARTHUR H. HUTCHINSON, Atlanta, Ga. Filed Apr. 19, 1924. Serial No. 707,687. 9 Claims. (Cl. 62—157.)



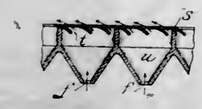
1. In refrigerating apparatus, the combination with a water can adapted to be partially submerged in cooling fluid in a walled compartment, of a bar extending transversely of the can having withdrawable means engaging the can to prevent relative movement of the can and bar, withdrawable means engaging the walls of the compartment to prevent upward movement of the bar, the first named means being normally partially engaged with the can, and a connection between said means whereby withdrawal of the last named means to permit upward movement of the bar fully seats the first named means so that the can is elevated with the bar.

1,573,715. ADDITION TO SEWING THIMBLES. CHARLES EDWARD ILES, Birmingham, England, assignor of one-fourth to Frederick Henry Amsden, one-fourth to Llewellyn Charles Hoy, both of London, England, and one-fourth to Thomas Frederick Thirlby, Birmingham, England; Emily Anne Iles and Charles Edward Iles executors of said Charles Edward Iles, deceased. Filed Mar. 7, 1925. Serial No. 13,875. 3 Claims. (Cl. 223—36.)



2. A thimble having its outer side formed with a flattened portion, and a needle threader pivoted adjacent to the open end of the thimble and rotatable for engagement with the said flattened part when not in use.

1,573,716. SUSPENSION VESSEL. ISAK ISAACHSEN, Christiania, Norway, assignor to A/S Krystal, Christiania, Norway. Filed July 3, 1924. Serial No. 724,156. 5 Claims. (Cl. 23—273.)

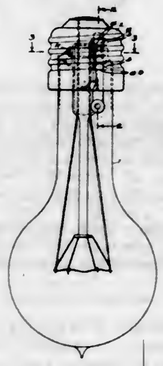


1. Suspension vessel of the kind wherein a layer of material located above a perforated bottom within the vessel is maintained in suspension in a liquid passing through the perforations of the said bottom, characterized by this that through the bottom at least one vertical section showing more than two perforations can be laid and further that the ratio of cross sectional areas S/F is less than

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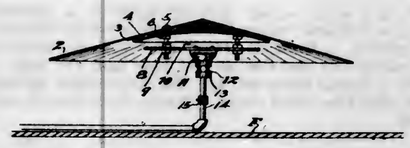
wherein S means the cross section of a hole with a circular cross section and with well rounded edges and having the same resistance to the current as the perforations of the bottom, further F means the greatest cross section of the suspension compartment perpendicularly to the current direction, b means the average width, 1 means the average length of the cross sections of the perforations measured where the latter have their least cross section, and a means the average distance between these perforations in cm. measured from longitudinal axis to longitudinal axis.

1,573,717. LAMP LOCK. CHARLES KILLARS, Stonington, Conn. Filed Aug. 5, 1922. Serial No. 579,921. 8 Claims. (Cl. 176—31.)



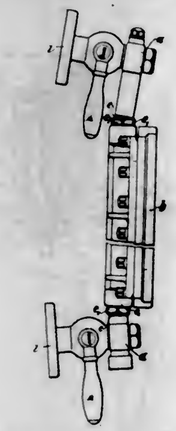
1. A lock for incandescent lamps, comprising a lamp shell, a transversely positioned sharp spur normally projecting from the wall of the shell, and a longitudinally movable bar having means normally holding the spur in projected position and having means engaging the filament terminal of the lamp to sever said filament when partially withdrawn to release the spur.

1,573,718. GAS BROODER. FRANK R. KIMBLE, Van Nuys, Calif. Filed Aug. 24, 1925. Serial No. 52,067. 5 Claims. (Cl. 119—32.)



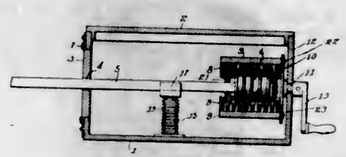
1. A chicken brooder including a hood, a crown spaced under the center of the hood, and a burner on which the crown is supported and from which gas for combustion is delivered up against the crown.

1,573,719. WATER-LEVEL INDICATOR. RICHARD KLINGER, Gumpoldskirchen, Austria, assignor to the Firm of Rich. Klinger Ges. m. b. H., Gumpoldskirchen, Austria, a Corporation of Austria. Filed Oct. 26, 1922. Serial No. 597,225. 2 Claims. (Cl. 73—54.)



2. A water level indicator comprising a sight glass member having sockets in its ends, each socket being formed with a spherical seat, a pair of cock shells for attaching the indicator to a boiler, each shell having a nipple projecting into one of the sockets of said member and formed with a terminal peripherally projecting flange having spherically constructed upper and lower surfaces complemental with the seat of such socket, and means for forcing the flange of each nipple towards its seat to produce a fluid-tight joint.

1,573,720. PLUNGER CLEANING DEVICE. EDWARD CHESTER LAMPSON, Jefferson, Ohio. Filed Feb. 4, 1924. Serial No. 690,593. 4 Claims. (Cl. 15—21.)



1. A plunger cleaning device, which includes a dustproof casing having an apertured removable end portion through which the shaft of a plunger is adapted to extend, a rotatable brush-supporting frame mounted on the opposite end of the casing and adapted to engage with the head of the plunger, means for rotating said brush-supporting frame exterior of the casing, and a saddle resiliently supported within the casing and adapted to support the shaft of the plunger intermediate the head and the removable end portion.

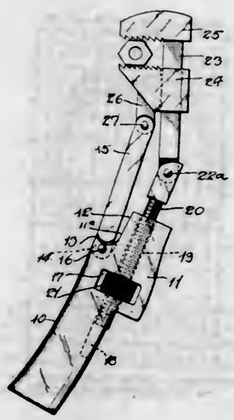
1,573,721. COLLAPSIBLE BAG. CHARLES H. LOEFFLER, Brooklyn, N. Y. Filed Aug. 24, 1925. Serial No. 52,246. 3 Claims. (Cl. 150—49.)

1. A collapsible device of the character described, including a body having a flexible wall, upper and lower frames secured to the body, two pairs of pivoted links located at opposite sides of the body connecting the frames and located in vertical alinement when holding the device expanded, a coil spring connecting the links of the respective pairs and exerting pressure in a direction to pivot the links and collapse the device, laterally movable catches on one of the frames normally



engaging the links and holding them against movement by the springs, and said catches adapted to be manually moved laterally to release the links and allow the springs to collapse the device.

1,573,722. MONKEY WRENCH. HENRY A. LOGAN, Cedar Grove, La., assignor of one-fourth to Mack D. Logan, Shreveport, La. Filed May 28, 1925. Serial No. 33,524. 3 Claims. (Cl. 81—91.)

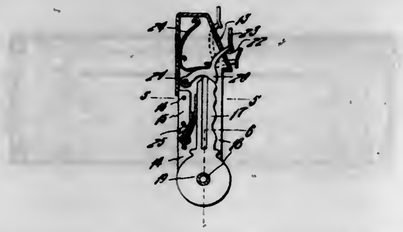


1. A wrench of the character described comprising a handle, a screw-threaded rod having longitudinal movement within the handle, a nut engaging the rod and the handle whereby the rod may be shifted longitudinally relative to the handle, a jaw shank pivotally connected to the rod and carrying a jaw at its outer end, a sliding jaw mounted upon the shank and shiftable longitudinally thereon, a link pivotally connected to the handle and to the sliding jaw whereby when the jaws grasp an object and the handle is shifted in one direction the handle and jaw shank will take an angular relation and cause the jaws to move relatively toward each other and means for limiting the movement of the link toward the handle and into parallel relation therewith.

1,573,723. KEY HOLDER. LOUIS LONG, Parsons, Kans. Filed Feb. 19, 1925. Serial No. 10,433. 6 Claims. (Cl. 59—96.)

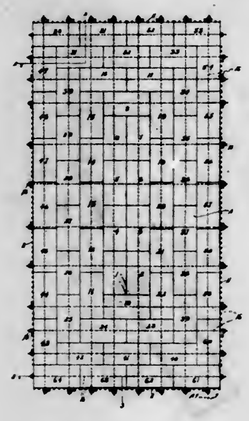
2. A key holder comprising a container adapted to receive a plurality of keys, means for securing one end of

the keys within the container, releasable means engaging the keys for retaining the other ends of the keys within the container and indicia carrying means upon the out-



side of the container for operating the key retaining means and means for ejecting one end of the keys when the retaining means is released.

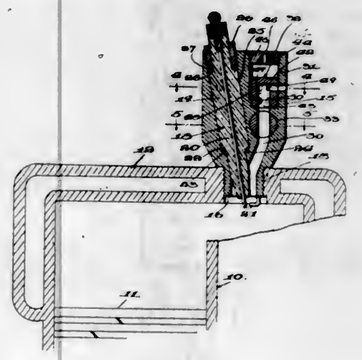
1,573,724. FLOOR CONSTRUCTION. CLAUDE MORRIS LOWE, LINCOLN ROSS LOWE, and CECIL WAYNE LOWE, Kansas City, Mo. Filed Apr. 16, 1924. Serial No. 706,967. 1 Claim. (Cl. 20—8.)



A floor structure of the class described comprising a plurality of sections, each consisting of a number of joists and flooring connected with the same, some of the joists having tongues formed on the ends of the joists and other sections having recesses formed in the ends of the joists for receiving the tongues so that the sections can be locked together.

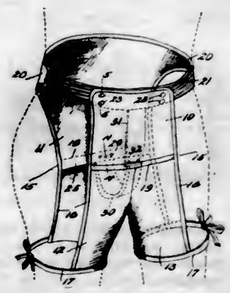
1,573,725. TIRE-INFLATING DEVICE. JOHN FRANKLIN MACDONALD, Hillsboro, New Brunswick, Canada. Filed July 30, 1924. Serial No. 729,166. 2 Claims. (Cl. 123—198.)

1. In a tire inflater of the character described, in combination with an engine having a cylinder and a piston operating therein, a casing mounted on the cylinder, said casing having a passage communicating with the interior of the cylinder, means for controlling communication of said passage with said cylinder, said casing having a valve chamber communicating with the cylinder when said passage is open, said casing having an intake port leading from the atmosphere into the valve chamber, said casing also having an outlet port leading from said valve chamber, a pressure operated piston valve fitted in the valve chamber and having ports therein alternately cooperatable with the intake and outlet ports of the casing under the influence of the



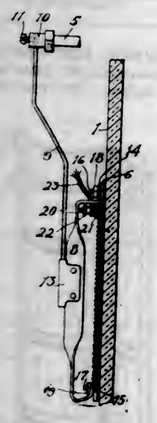
piston of the cylinder, cooperating means between the piston valve and the casing for constraining the piston valve to rectilinear movement, and a vented plug threaded into the casing and affording a stop for one end of said piston valve.

1,573,726. SANITARY PROTECTOR. BARNETT MADOFF, Scranton, Pa. Filed Oct. 24, 1924. Serial No. 745,678. 1 Claim. (Cl. 128—287.)



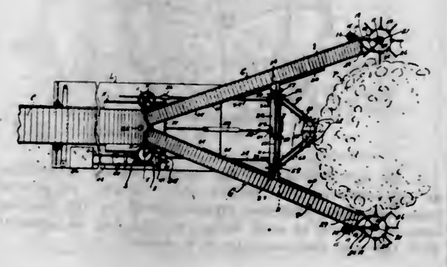
A form fitting protector of the class described comprising in combination front and rear body fitting portions and right and left leg fitting portions, the leg fitting portions being secured together by means of a single seam which follows the contour of the crotch and each such portion being secured to both front and rear body portions by seams running transverse to the crotch seam the lower edge of the rear body fitting portion being doubled back so that a transverse loop of cloth depends from the rear transverse seam for the convenient attachment of a sanitary napkin, belt means connecting the tops of the front and rear body fitting portions and a leg encircling means associated with each of the leg fitting portions.

1,573,727. HEATING DEVICE FOR AUTOMOBILE WINDSHIELDS. WARREN C. MAGRANIS, Northampton, and FRED G. CHASE, Mittineague, Mass. Filed May 2, 1925. Serial No. 27,482. 3 Claims. (Cl. 219—19.)



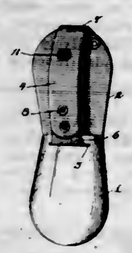
1. The combination, in a heating device of the class described, with a spindle, of a radially perforated coupling mounted on the front end of said spindle, and provided with a radial screw to bind said coupling to said spindle, an arm having one terminal inserted in the perforation in said coupling, the latter also being provided with a screw to bind said arm thereto, a frame secured to said arm, a heating-unit secured to said frame, and an electrical conductor connected with said heating-unit.

1,573,728. LOADING APPARATUS. JOHN E. MANNING, Beckley, W. Va. Filed Nov. 28, 1923, Serial No. 677,444. Renewed July 16, 1925. 8 claims. (Cl. 198—9.)



1. A loading mechanism comprising a main conveyor, gathering conveyors discharging thereon, means for supporting said gathering conveyors for lateral movement one relative to the other, and gathering means positioned between the conveyors and discharging thereon.

1,573,729. SHOEHORN. HARRY MARTIN, New York, N. Y. Filed Mar. 10, 1925. Serial No. 14,490. 5 Claims. (Cl. 132—7.)



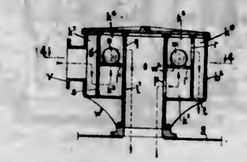
5. A shoe horn, comprising a rigid foot receiving member, and a flexible handle member connected thereto, said members adapted to fold one upon the other.

1,573,730. VALVE ATTACHMENT. HUBERT MAYS, Okmulgee, Okla. Filed Apr. 18, 1925. Serial No. 24,176. 1 Claim. (Cl. 152—20.)



A pad for preventing entrance of moisture through the valve stem hold of a rim of a pneumatic tire, including a cone shaped body, a flexible rectangular shaped base with an opening passing centrally through the pad to receive the valve stem, said pad being positioned to span the space between the beads of a tire.

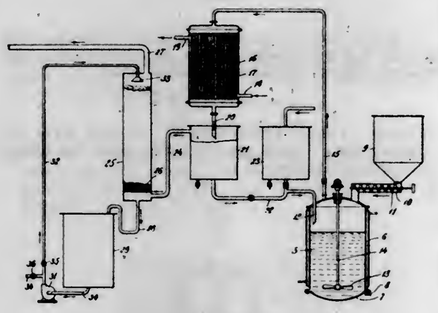
1,573,731. RECEPTACLE CONTAINING VOLATILE OR INFLAMMABLE LIQUIDS SUCH AS BENZENE AND OTHER HYDROCARBONS. MARTINUS ADRIANUS MEIJER, The Hague, Netherlands, and RICHARD VOM FELD, Brunswick, Germany. Filed Aug. 15, 1924. Serial No. 732,325. 1 Claim. (Cl. 277—61.)



In a valve construction of the class specified, the combination with a container for highly volatile and combustible liquids, of an annular chamber divided into upper and lower portions and having a central pipe communicating respectively with the lower chamber and the upper chamber, the two chambers being provided with

valves and valve seats controlling communication between the said upper and lower chambers, the upper chamber also communicating with a supplemental chamber having an outlet and the lower chamber communicating with a supplemental chamber having an inlet, said supplementary chambers respectively permitting exit of gas from the container and admittance of gas thereto.

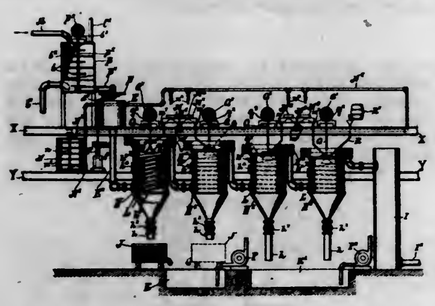
1,573,732. METHOD OF MAKING CALCIUM CYANIDE AND PRODUCT THEREOF. FLOYD J. METZGER, New York, N. Y., assignor to California Cyanide Company, Inc., New York, N. Y., a Corporation of Delaware. Filed Nov. 23, 1925. Serial No. 70,914. 42 Claims. (Cl. 23—79.)



1. The method of preparing cyanogen compounds of alkali forming metals, which comprises treating their carbides with hydrocyanic acid.

20. As an article of manufacture, a composition of matter containing more than fifty per cent of calcium cyanide.

1,573,733. PROCESS FOR CLARIFYING SACCHARINE LIQUORS. IRVING H. MORSE, New Orleans, La., assignor of one-fourth to Ernst R. Theriot, Ashton, La., and one-fourth to Demas Moresi, Jeanerette, La. Filed June 29, 1925. Serial No. 40,344. 9 Claims. (Cl. 127—46.)

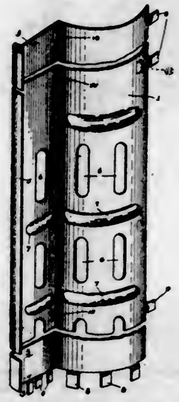


1. The process of treating saccharine solutions which consists in imparting a swirling motion to a vertically ascending cylindrical column of the liquid, causing it to form a thin annular film, and in continuously spraying into this film while in motion a chemical reagent in solution.

1,573,734. ARTICLE OF MANUFACTURE. ISAAC NAYLOR, San Francisco, Calif. Filed Oct. 23, 1923. Serial No. 670,343. 1 Claim. (Cl. 106—30.)

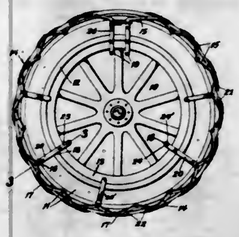
As a new article of manufacture a hard rigid, solid, fire-resisting, impervious, homogeneous, silicated wood substitute consisting of an inherently contracted and inherently solidified non-cracking dough-like mass of comminuted and silicated waste vegetable fibrous material.

1,573,735. CONCRETE REENFORCEMENT. GEORGE M. NELSON, Monterey, Calif. Filed May 5, 1924. Serial No. 711,075. 5 Claims. (Cl. 72—109.)



1. A concrete reenforcement comprising a series of interlocked arched metal plates, said plates being perforated and having means for interlocking along their edges to form a continuous corrugated structure.

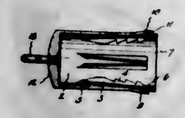
1,573,736. ANTISKID DEVICE. HERMAN NEUMANN, New York, N. Y. Filed Nov. 3, 1921. Serial No. 747,598. 3 Claims. (Cl. 152—14.)



1. An anti-skid device for vehicle wheels comprising an extensible member formed of a plurality of pivoted links, oppositely disposed straps carried by the meeting ends of certain of said links for clamping engagement with the tire, rim and felly of a wheel.

1,573,737. ROPE-END STOPPER. WILFRED G. NORMAN, New York, N. Y. Filed Apr. 6, 1925. Serial No. 21,161. 4 Claims. (Cl. 24—123.)

1. An attachment for rope ends comprising a cylindrical metal member adapted to receive a rope end, fingers cut from the metal member and extending longitudinally of the axis of said member, and teeth projecting inwardly from the side edges of the fingers, means adapted to receive the metal member and force the fingers and likewise the teeth into engagement with the rope end, and a

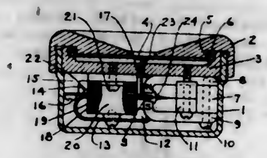


square shoulder on the receiving means for the metal member adapted to engage the free ends of the fingers to lock said vehicles and metal members from displacement of said means.

1,573,738. PREPARATION OF ORGANIC DERIVATIVES OF TIN. CARL OECHELIN, Paris, France, assignor to Etablissements Poulenc Freres, Paris, France. Filed Sept. 4, 1924. Serial No. 735,870. 8 Claims. (Cl. 260—11.)

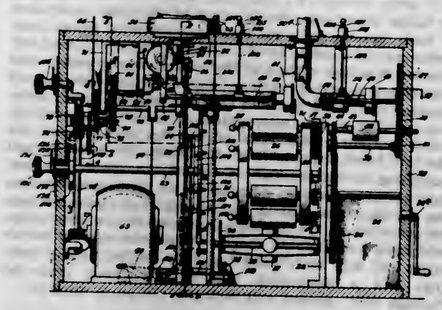
1. The process which comprises treating a chlorhydrin with stannous chloride in the presence of an alkali metal hydroxide.

1,573,739. TELEPHONIC DEVICE. JOHN HUGH O'NEILL, Springfield, Mo. Filed Oct. 2, 1922. Serial No. 591,895. 4 Claims. (Cl. 179—108.)



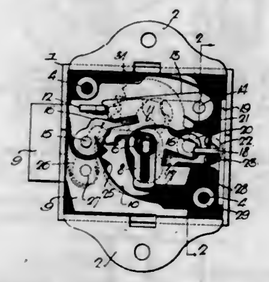
4. In an electro-magnetic telephonic device, an inflexible electro-magnet core armature with one end free to vibrate, the vibrating end supported by a flat spring, said spring straight in central position, and curved surfaces cooperating to progressively shorten the effective spring length as the spring is bent from the central position.

1,573,740. TELEGRAPHONE. JOHN C. PAPADOPOULOS, now by judicial change of name known as John Paulas, New York, N. Y. Filed July 10, 1923. Serial No. 650,621. 11 Claims. (Cl. 179—6.)



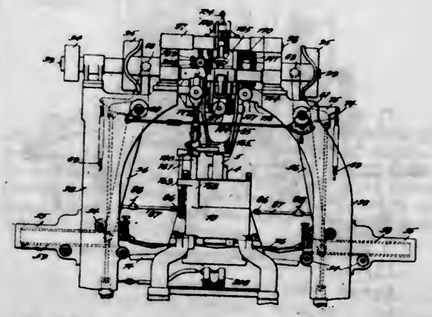
1. In a telegraphone of the type adapted to be connected with a subscriber's telephone set and having means for recording an incoming message and reproducing an outgoing message, a rotatable record, means to rotate said record, controlling means, means actuated by the signalling current of the telephone circuit to actuate said controlling means, and connections between the receiver hook of the telephone set and said controlling means to cause said receiver hook to be raised by the actuation of said controlling clamp adapted to be detachably engaged with said receiver hook.

1,573,741. LOCK. WILLIAM EARL PARENT, Philadelphia, Pa., assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn., a Corporation of Connecticut. Filed May 25, 1922. Serial No. 563,637. 3 Claims. (Cl. 70—70.)



1. The combination in a lock, of a casing; a key post at the face of the lock; a bolt; means for engaging the bolt; a slotted tumbler pivoted to the bolt; a sliding stump mounted in the casing and arranged to be moved into alignment with the slot in the tumbler; a pawl for locking the stump in the position in which it is adjusted; and a key post at the back of the lock to receive a key for actuating the stump mechanism.

1,573,742. FEEDING MOLTEN GLASS. KARL E. PEILER, West Hartford, Conn., assignor to Hartford-Fairmont Company, Hartford, Conn., a Corporation of New York. Filed Nov. 25, 1925. Serial No. 71,369. 37 Claims. (Cl. 49—55.)

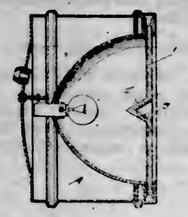


16. Apparatus for separating molten glass into mold charges, including a container for the glass having an outlet, severing means operating periodically beneath the outlet, means for timing the suspension of successive gathers of glass beneath the outlet in timed relation to the operation of the severing means, and means for varying the time of beginning of the suspension period relative to the time of severing.

1,573,743. LIGHT DEFLECTOR. BENJAMIN PORTER, Fullerton, N. Dak. Filed July 11, 1925. Serial No. 42,956. 1 Claim. (Cl. 240—48.4.)

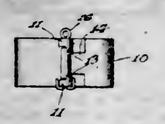
A lens for a headlamp having a number of inwardly extending ribs thereon arranged centrally of the lens,

each rib being of V shape in cross section with its outer faces coated with reflective material for preventing rays



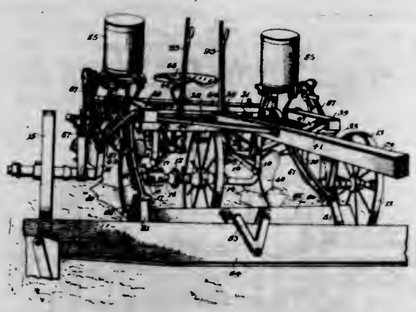
of light from passing through the rib and reflecting to other parts of the lens above and below the central portion thereof.

1,573,744. LEG BAND. FRANK W. RHINES, Lamont, Iowa. Filed Feb. 26, 1925. Serial No. 11,806. 3 Claims. (Cl. 40—8.)



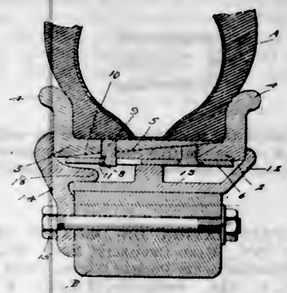
1. A leg band comprising a strap having transversely alined loops at one end, with the confronting edges of the loops cut away at the rear to form flanges in line with the forward sides of the loops, and having a head at the opposite end to fit between the said loops, said head having opposite end portions projecting to engage behind the flanges at the forward sides of the loops.

1,573,745. LISTER PLOW. TURNEY B. ROBERTS, Memphis, Tex. Filed Dec. 8, 1924. Serial No. 754,596. 3 Claims. (Cl. 97—82.)



1. In an implement of the character set forth, an inverted substantially U-shaped member having the ends of the sides thereof turned at right angles outwardly in alignment and constituting axles, a wheel on each axle, a second inverted substantially U-shaped member having the end of one leg turned outwardly to provide an axle, a wheel on said axle, a bearing upon the end of the other leg and in alignment with said last mentioned axle, a stub axle carried in said bearing, a universal connection between said stub axle and an axle of said first mentioned member, frame elements extending rearwardly from said members, trailer caster wheels carried by said frame elements, and a plow unit secured to and depending from each frame element and extending forwardly through the adjacent U-shaped member.

1,573,746. DEMOUNTABLE WHEEL RIM. LEO R. ROSENBAUM, Campbellsport, Wis. Filed Oct. 25, 1920. Serial No. 419,285. 1 Claim. (Cl. 301—35.)



In a tire rim, outer and inner sections disposed in overlapping relation, pins carried by the outer section, the inner section having slots accommodating said pins, the pins having surfaces inclined inwardly of the pins from the outer ends thereof, and hooks pivoted to the inner section and having portions inclined similarly to and engaging with the inclined surfaces of said pins.

1,573,747. RENEWABLE MATCH BOOK. SIDNEY ROSENSTEIN, New York, N. Y. Filed Mar. 18, 1925. Serial No. 16,458. 1 Claim. (Cl. 206—29.)



A match book, comprising a strip of folded material, said strip having two fold lines whereby when the strip is folded the intermediate portion of the strip constitutes a back member and the two end portions front members, one of said front members being appreciably shorter than the other and the longer front member constituting a covering member, a strip of matches located between the back member and the shorter front member, a strip having match striking material thereon located in front of the strip of matches and between the shorter front member and the strip of matches and extending above the end of the shorter front member, said covering member adapted to be interposed between the match striking strip and the shorter covering member to enclose the matches and match striking strip, said back portion, said shorter front portion, said match strip, and said match striking strip having alined openings and a designedly removable fastener projected through said opening and securing the parts together.

1,573,748. PLACE CARD. SIDNEY ROSENSTEIN, New York, N. Y. Filed May 18, 1925. Serial No. 31,180. 1 Claim. (Cl. 206—29.)

A place card matchbook, including a strip of matches, a cover adapted to enclose the matches and also adapted to be opened to expose the matches, a pair of integral

props projecting from the outer edges of the back portion of the cover, spaced from the edge of the cover, and foldable against the back of the cover or at right angles



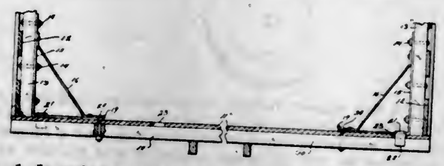
thereto, and when in said last-named position cooperating with the lower edge of the matchbook to hold the matchbook in an inclined position when on a support.

1,573,749. DENTAL APPLIANCE. JAMES H. ROSS, Jr., Chicago, Ill., assignor of one-half to William A. Ribbeck, Chicago, Ill. Filed Feb. 11, 1921. Serial No. 444,137. 1 Claim. (Cl. 128—239.)



A device of the class specified, comprising a member of tooth brush shape having a handle or shank portion, and also having a curved portion the concave face of which is provided with inwardly opening apertures adapted to form a spray, said member being provided with a longitudinally extending passage communicating with said apertures and opening at the end of said shank portion, and a flexible hose connected with the end of said shank portion and communicating with said longitudinally extending passage.

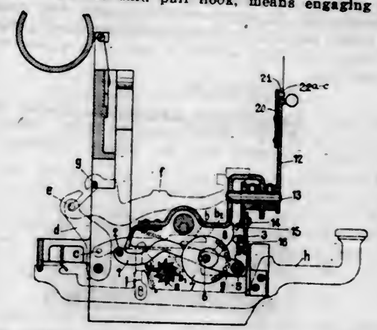
1,573,750. COMBINED HAYRACK AND HOGRACK. ARTHUR F. SCHREADER, Flandreau, S. Dak. Filed June 12, 1924. Serial No. 719,591. 2 Claims. (Cl. 296—12.)



1. In a hay rack having a floor, of upright walls for the hay rack, brackets detachably holding said walls to the floor, each of said brackets comprising an angularly bent iron to provide an upright portion and a horizontal portion, the horizontal and upright portions being connected by a diagonal brace, walls to which the vertical portions of the irons are connected and eye-bolts passing through the floor of the hay rack body, said floor being formed with slots adjacent the ends and inward of the ends, the horizontal portion of each bracket being formed adjacent the upright portion with a downwardly extending lug adapted to pass through said slots and at the extremity of the horizontal portion with an upwardly curved tongue adapted to engage in the eye of the corresponding eye-bolt.

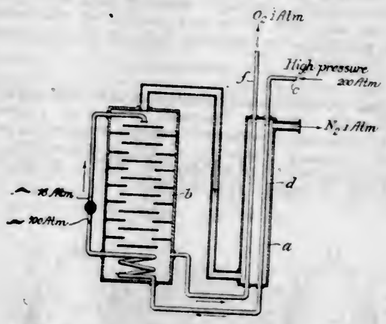
1,573,751. POWER-OPERATED TYPEWRITER. MAX SCHULZE, Thuringen, Germany, assignor to Mercedes Büro-Maschinen- und Waffen-Werke, Benshausen, Thuringia, Germany. Filed Jan. 23, 1925. Serial No. 4,311. 9 Claims. (Cl. 197—17.)

1. In a typewriter, a type bar, a key lever, a rotatable drive shaft, a pull hook linked to said type bar, an operative connection between said key lever and said pull hook, means on said pull hook for engaging said drive shaft upon the actuation of said key lever, a rotatable abutment cam for said pull hook, means engaging said



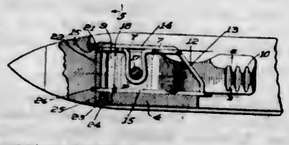
cam for retaining it in selective positions, said cam and said engaging means being held in operative relation by spring pressure.

1,573,752. METHOD FOR LOW-TEMPERATURE COOLING, LIQUEFACTION, AND SEPARATION OF NOT EASILY CONDENSABLE GASES. ARTHUR SELIGMANN, Bremen, Germany. Filed Mar. 3, 1924. Serial No. 696,595. 3 Claims. (Cl. 183—115.)



1. Method of low temperature cooling, liquefaction and separation of gases by throttling which consists of inducing the major portion of the decrease of pressure by causing the gases to flow at relatively great velocity through pipes in which the decrease of pressure is consumed by friction of the gases occurring over the entire length of the walls of the pipes.

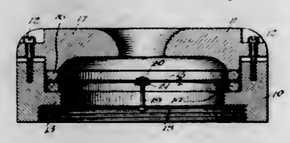
1,573,753. AUTOMATICALLY FILLING REPLENISHING SHUTTLE FOR LOOMS. WALLACE I. STIMPSON and HARRY A. DAVIS, Hopedale, Mass., assignors to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Oct. 6, 1925. Serial No. 60,724. 12 Claims. (Cl. 139—207.)



1. An automatically replenishing shuttle having a bobbin holder comprising a shank portion and bobbin holding jaws of equal width, the curved portions of the bobbin holder connecting the shank and bobbin holding

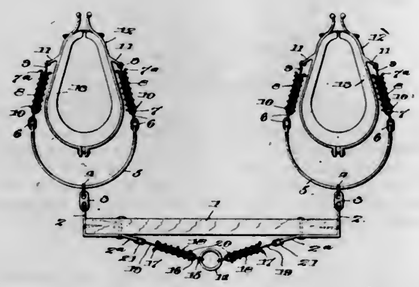
jaws and constituting the spring element of the jaws being recessed or reduced in width to distribute and confine the spring of the jaws to the said curved portion, a through-bolt passed vertically through the shank of the bobbin holder, and a transverse bolt passing through the shank at right angles to and at one side of the through-bolt.

1,573,754. TELEPHONE RECEIVER. DAVID WALD, Brooklyn, N. Y. Filed June 30, 1922, Serial No. 572,044. Renewed Dec. 31, 1925. 1 Claim. (Cl. 179—116.)



A telephone receiver which includes a cuplike shell or casing having an inwardly extending annular flange, a steel diaphragm bearing against the lower face of said flange, a flexible gasket disposed against the upper face of said flange, a mica diaphragm bearing on said gasket, a rigid connection between the steel diaphragm and the mica diaphragm, a flexible gasket disposed on top of and along the edges of the mica diaphragm, a cover plate for said casing, a dependent flange on said cover plate extending into said casing and bearing on the second gasket, and means for adjustably fastening the cover plate on to the casing.

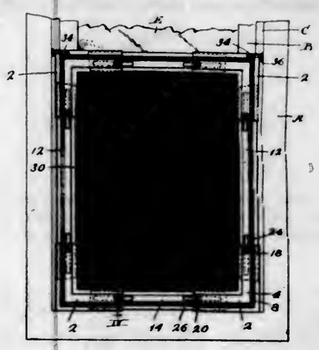
1,573,755. TONGUE-SUPPORTING GEAR FOR DRAFT ANIMALS. ROBERT CHAPMAN WORKMAN, Camden, S. C., assignor of one-half to Shand Engineering and Sales Company, Columbia, S. C., a Corporation of South Carolina. Filed May 22, 1924. Serial No. 715,173. 1 Claim. (Cl. 54—59.)



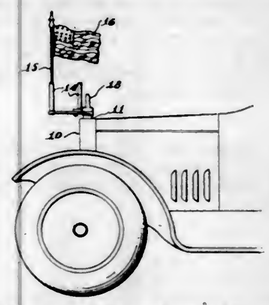
Tongue supporting gear comprising a breast yoke and a pair of bow-shaped neck yokes attached to the ends thereof at their middle, draft hames having lugs adjacent their upper portions, and elastic tension devices connecting the ends of said neck yokes with said lug, whereby the said neck yokes are resiliently suspended.

1,573,756. WINDOW SCREEN. WILLIAM LATHROPE WRIGHT, Kansas City, Mo., assignor of one-half to William Walter Eakman, Missouri Valley, Iowa. Filed Feb. 12, 1923. Serial No. 618,497. 1 Claim. (Cl. 156—38.)

A frame consisting of elbows having inturned margins and outwardly projecting intermediate portions, side and end strips capable of longitudinal adjustment in said elbows but held from lateral displacement by said inturned margins, and retaining strips similar in cross section to the side and end strips and adapted to hold a screen in said frame.

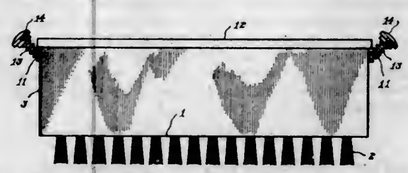


1,573,757. FLAG HOLDER. ST. ELMO W. ACOSTA, Jacksonville, Fla. Filed June 29, 1925. Serial No. 40,407. 3 Claims. (Cl. 220—24.)



1. A flag support for use on automobiles comprising a threaded attachment to be substituted for the radiator cap, an arm extending laterally therefrom, and a tubular holder on the arm to receive a flagstaff said threaded attachment being open at the upper end and having threads to receive a cap or the like, substantially as set forth.

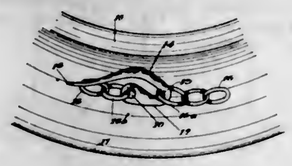
1,573,758. BRUSH. SARKIS T. ATTARIAN, Philadelphia, Pa., and BEDROS T. ATTARIAN, Brooklyn, N. Y. Filed July 14, 1924. Serial No. 725,984. 3 Claims. (Cl. 15—138.)



1. In a brush, a perforated brush back, bristles carried thereby, a plurality of reservoirs supported from the back in close proximity thereto, a depending extension on each of said reservoirs having a partition therein, each partition being provided with a valve seat, said depending extensions provided with openings to permit fluid to flow from the extension through certain

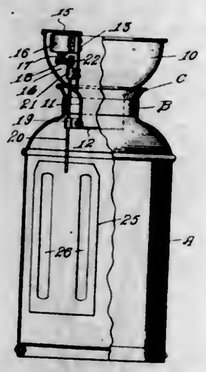
of the bristles in the brush back, said extensions disposed at remote positions one with respect to the other whereby the fluid from the respective reservoirs will engage the bristles at remote points.

1,573,759. COMBINED METAL HOOK AND LEVER. CHARLES HENRY BENNETT, Oakhurst, Brisbane, Queensland, Australia. Filed July 21, 1925. Serial No. 45,139. 1 Claim. (Cl. 24—69.)



A combined hook and lever for levering together two links of a chain or like fixing comprising a body formed from a single piece of metal including an enlarged terminal provided with an eye adapted for engagement with one of the links, a straight portion continuing therefrom, the body being sent backwardly and upwardly from the straight portion and lying substantially parallel with the enlarged eye to provide a hook adapted for engagement with the other link, and a lever portion continuing from the hook at a slight angle and terminating at a distance equal to the distance between the eye and the bend of the hook and in substantial alignment with the eye and the hook, substantially as and for the purposes set forth.

1,573,760. MILK COOLER. WILLIAM MACKIE BLACK, Lansing, Mich. Filed Aug. 31, 1925. Serial No. 53,715. 1 Claim. (Cl. 259—122.)



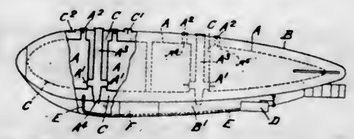
In combination with a milk can or other receptacle, a funnel member adapted to be mounted thereon and having an extension extending thereinto and provided with a screen in its bottom to serve as a strainer, a shaft journally supported by the funnel member, an agitating member carried by the shaft and located within the milk can, a partition within the funnel member defining a separate compartment having a closure and motor mechanism mounted within said compartment and operatively connected with said shaft for driving the same.

1,573,761. HEATER FOR PERMANENT HAIR WAVING. ARNOLD HENRY BONGERS, London, England, assignor of one-half to Gaston Boudou, London, England. Filed Mar. 22, 1924, Serial No. 701,154. Renewed Dec. 5, 1925. 7 Claims. (Cl. 132—36.)



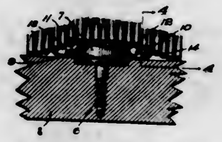
7. An appliance of the kind set forth, comprising a metallic tubular hair receiving chamber, a heating device therefor, and mechanical means including a fixed member and an adjustable member adapted for conducting heat from the heating device by separate paths to different portions of the length of said chamber.

1,573,762. PROTECTION OF AIRSHIPS AGAINST FIRE. FREDERICK LEWIS MAITLAND BOOTHBY, Tilford, near Farnham, England. Filed Feb. 2, 1924. Serial No. 690,205. 3 Claims. (Cl. 244—3.)



1. Means for protecting airships against fire comprising a plurality of gas-bags, an envelope surrounding the same, and means for introducing cooled but moist gas derived from the engine exhaust to said envelope.

1,573,763. FASTENER. FRED S. CARR, Newton, Mass., assignor to Carr Fastener Company, Cambridge, Mass., a Corporation of Maine. Filed Nov. 18, 1922. Serial No. 601,829. 2 Claims. (Cl. 16—4.)

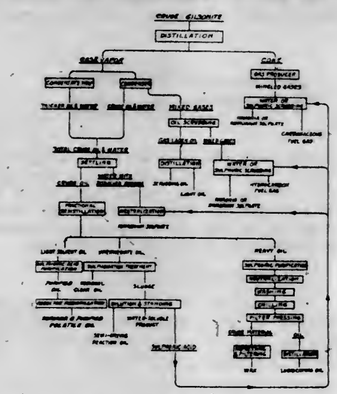


1. A fastener socket for application to a carpet or the like comprising, in combination, a socket including a lower member presenting an aperture to receive the head of a stud, resilient means partially intersecting said aperture releasably to grip a stud entered therein, and a spring-holding member secured to said lower member, said lower member and spring-holding member together constituting a casing, the outer edge of said lower member having upwardly extending prongs adapted to be bent downwardly and inwardly to engage over the warp of the carpet while concealed from view by the pile of the carpet.

1,573,764. PROCESS OF TREATING GILSONITE. CHARLES N. FORREST, Rahway, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa., a Corporation of West Virginia. Filed Aug. 19, 1919. Serial No. 318,536. 18 Claims. (Cl. 196—50.)

4. A process which comprises heating and coking gilsonite within such limits of maximum temperature as to retain nitrogen of the gilsonite in the coke unfixed, and treating the coke to release such retained nitrogen as ammonia.

10. A process which comprises heating and thereby decomposing and distilling gilsonite at increasing temperatures eventually exceeding materially 550° F. for

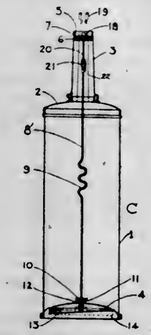


the vapor over the undistilled residue, materially reducing the application of heat, however, as such vapor temperature approaches and passes that figure.

1,573,765. GILSONITE PRODUCTS. CHARLES N. FORREST, Rahway, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa., a Corporation of West Virginia. Continuation of application Serial No. 318,536, filed Aug. 19, 1919. This application filed Sept. 19, 1922. Serial No. 589,269. 5 Claims. (Cl. 196—149.)

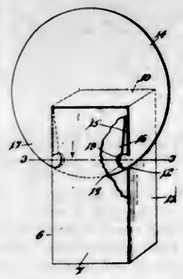
5. A gilsonitic oil of pungent odor; containing nitrogen and unsaturated hydrocarbons in high proportions as compared with petroleum; and yielding, by redistillation and refinement with sulphuric acid, oil with terpene odor more marked than that of refined petroleum.

1,573,766. LIQUID-DISPENSING DEVICE. FRANK A. HOWARD, Elizabeth, N. J., and DOUGLASS G. TOMKINS, New York, N. Y., assignors to Standard Development Company, a Corporation of Delaware. Filed Apr. 25, 1924. Serial No. 708,954. 9 Claims. (Cl. 271—45.)



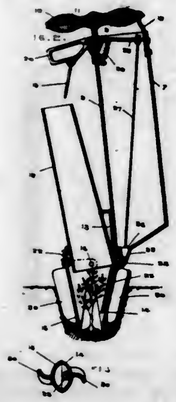
1. In a liquid-dispensing device, the combination of a container having a spout provided with an internal valve-seat and a bottom provided with a vent-opening, a valve-seat internally of said vent-opening, a valve for coacting with said spout valve-seat, means on said spout-valve whereby the valve may be held unseated, a vent-valve for coacting with the vent valve-seat, a compensating valve-rod carrying both said valves and projecting through said vent-opening, an external cam-ridge on the bottom about said vent-opening and having diametrically-spaced depressions, and a holding bar swivelly mounted on said valve-rod so as to ride with its inner face on said cam-ridge.

1,573,767. DISPLAY DEVICE. GEORGE S. HURST, Glastonbury, Conn., assignor to The J. B. Williams Company, Glastonbury, Conn., a Corporation of Connecticut. Filed July 27, 1923. Serial No. 654,174. 5 Claims. (Cl. 40—7.)



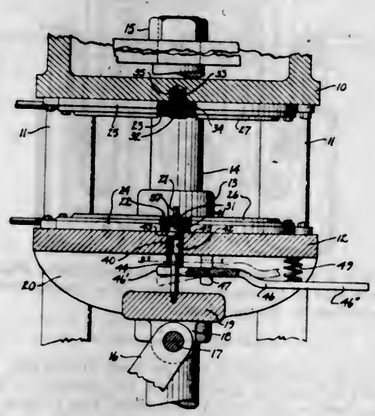
1. A display device comprising a body having slots therein arranged to provide a central support and side supports located on opposite sides of the central support, said side supports having tongues projecting from the inner edges thereof for engagement in slots in a supporting structure to prevent disengagement of the central support from said supporting structure.

1,573,768. HAND TRANSPLANTING MACHINE. CHARLES KENNEDY, Mays Lick, Ky., assignor of one-third to H. C. Galbreath, Brooksville, Ky. Filed Feb. 5, 1924. Serial No. 690,818. 2 Claims. (Cl. 111—6.)



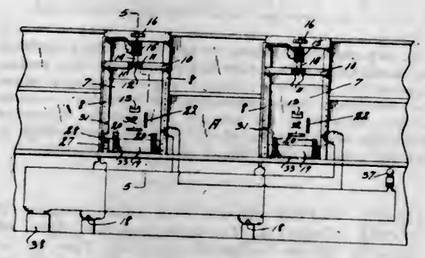
1. A device of the character described comprising shovels to enter the ground and to swing open, and scoops on the backs of the shovels for drawing the dirt inwardly by the rotation of the shovels in the ground, the lower portions of said scoops being curved rearwardly with reference to the direction of rotation to pack the dirt downwardly by screw action.

1,573,769. PRESS. JOHN FLETCHER, New York, N. Y. Filed June 22, 1921. Serial No. 479,635. 4 Claims. (Cl. 18—5.3.)



1. In a press, a die, a pin adapted to project from or retreat into an opening in the die, a slide behind the pin, a guide for said slide, and a lever for actuating said slide, said lever being slotted to straddle said guide.

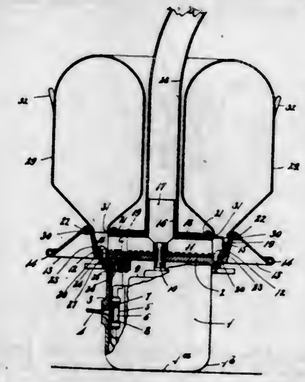
1,573,770. PROTECTING SHIELD FOR BANK AND OTHER WINDOWS. JOSEPH C. LUCAS, Blandinsville, Ill. Filed Apr. 4, 1925. Serial No. 20,751. 8 Claims. (Cl. 268—2.)



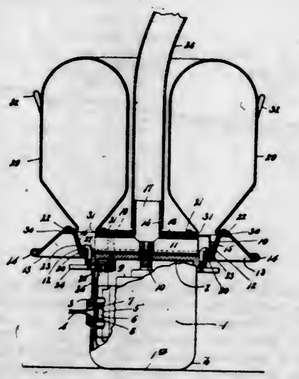
1. The combination with a wall opening, of a vertically slidable bullet-proof shield adapted to be shifted to a position to close said opening and urged to said position, the advance end of the shield being formed with a hinged section, and means normally holding the hinged section open but releasing the hinged section to permit it to close when the shield has reached its closed position.

1,573,771. VACUUM CLEANER. STANLEY MCCLATCHIE, Cambridge, Mass. Filed June 5, 1920. Serial No. 386,905. 12 Claims. (Cl. 15—16.)

4. A vacuum cleaner comprising, in combination, a hose, a hollow casing secured to one end of said hose and having an enlargement at the end from which the hose projects, a fan and motor in said casing, and a working tool at the other end of said hose, said casing shaped to roll bodily on the floor while the cleaner is in use and said hose constituting the handle for said casing.



1,573,772. VACUUM CLEANER. STANLEY MCCLATCHIE, Stuttgart, Germany. Filed June 5, 1920, Serial No. 386,906. Renewed Mar. 8, 1924. 20 Claims. (Cl. 183—36.)

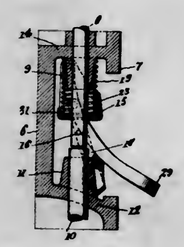


1. Vacuum cleaning apparatus, comprising a rotary fan, an axial induct to said fan, and an educt therefrom disposed about the periphery of the fan, a tubular dust-collecting bag adapted to fold telescopically within itself, one end of said bag detachably secured around one side of said peripheral fan educt, the other end similarly secured around the other side of said educt, the bag adapted to be unfolded to straight tubular form when detached from said educt.

1,573,773. VALVE LIFTER. OTTO MAURER, Great Falls, Mont. Filed Apr. 4, 1925. Serial No. 20,799. 1 Claim. (Cl. 29—86.3.)

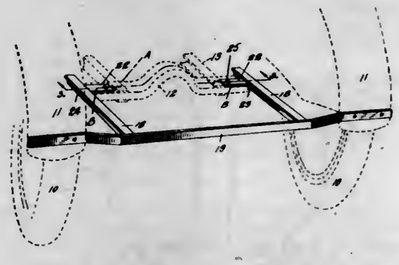
An improved valve lifter comprising a single flat strip bent to provide a pair of substantially parallel spaced legs with their flat sides facing each other and having an intermediate portion of the strip arched backwardly between the legs to provide a connecting bar to engage

about a push rod bushing, the flat connecting bar being bent into semi-frusto-conical form and being curved in an endwise direction downwardly to conform to the configuration of the bushing and to provide upper and lower



spaced pivot points for the legs, lever arms pivoted to the upper ends of the legs, and a swinging carrier pivoted to said lever arms and adapted to engage the spring and spring seat.

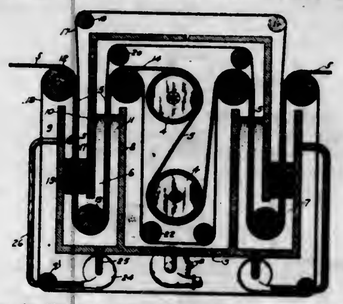
1,573,774. **FASTENER FOR SUPPORTING ARMS FOR BUMPERS.** ALGOT W. NORDGREN, St. Paul, Minn., assignor to Marquette Manufacturing Company, St. Paul, Minn. Filed Oct. 27, 1924. Serial No. 746,104. 2 Claims. (Cl. 293—55.)



1. The combination of a channel shaped automobile cross brace having its connecting web horizontally disposed and its flanges vertically disposed and extending downwardly from the connecting web and a supporting arm having a horizontal flange and a vertical flange, with an angular fastener for securing the supporting arm to the cross brace, the edge of the horizontal flange of the supporting arm resting against the edge of the connecting web of the cross brace and having its under surface flush with the under surface of said web, said angular member resting against the horizontal and vertical flanges of the supporting arm and extending into the channel shaped cross brace and resting against the under side of the connecting web and a single element for securing the angular member to the cross brace.

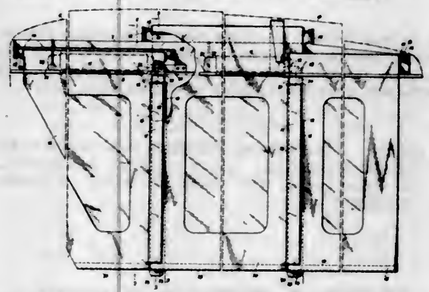
1,573,775. **DRYING APPARATUS FOR SHEET MATERIAL.** WILLIAM G. O'BRIEN, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed July 31, 1922. Serial No. 578,745. 16 Claims. (Cl. 34—48.)

5. An apparatus for drying sheet material comprising a container having a plurality of openings therein for the passage of sheet material, means for sealing said openings comprising two oppositely disposed resilient members having fluid confined therein arranged within each opening, and two endless belts both adapted to pass through the container and between the two resilient



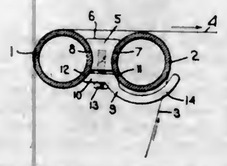
members in the openings, one of said belts being disposed on each side of the sheet material while passing through the openings in the container.

1,573,776. **FASTENING MEANS FOR CURTAINS.** EDWARD J. THURBER, New Orleans, La., assignor to Thurber, Perkins and Cook, Incorporated, New Orleans, La., a Corporation of Louisiana. Filed July 29, 1924. Serial No. 728,929. 8 Claims. (Cl. 296—143.)



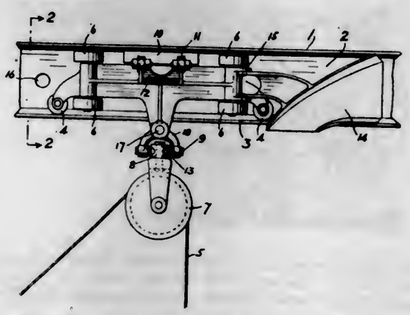
1. In a curtain fastening means of the class specified, the combination with a vehicle top and body, of a curtain organization including curtains having adjacent edges, and fastening means consisting of clamping members movably secured to the top and disposed for movement of the side edge portions of the curtains therethrough to hold the latter in close joined overlapping relation.

1,573,777. **CENTER BRACE FOR DRAG ROLLS OF LOOMS.** EUGENE L. TINKHAM, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed July 18, 1925. Serial No. 44,450. 7 Claims. (Cl. 139—97.)



1. A drag roll construction for looms comprising a plurality of parallel rolls supported at their ends and rigid bracing means supported by said rolls and located etween the rolls intermediate of the length of rolls acting to stiffen said rolls against flexure by warp sheet as it is dragged over said rolls in its passage from the warp beam to the shed.

1,573,778. **TAILBLOCK EQUIPMENT.** ROBERT H. BEAUMONT, Radnor, Pa., assignor to R. H. Beaumont Co., Philadelphia, Pa., a Corporation of Pennsylvania. Filed Nov. 6, 1925. Serial No. 67,286. 4 Claims. (Cl. 105—154.)



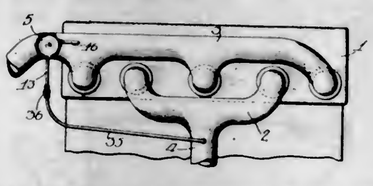
1. Tail block equipment comprising a rail structure arranged above the ground and having a generally horizontal portion and a generally vertical portion, a carriage having generally horizontal wheels arranged to run on the generally vertical portion to resist cable pull and having generally vertical wheels adapted to run on the generally horizontal portion, and a balanced swivel sheave carried by the carriage and projecting laterally therefrom.

1,573,779. **ANTISLIPPING MEANS.** FRED GUSTAF BROMAN, Philadelphia, Pa. Filed Nov. 17, 1924. Serial No. 750,350. 3 Claims. (Cl. 36—65.)



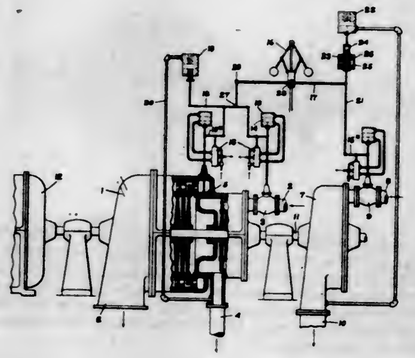
1. An anti-slipping means comprising a body adapted to underlie the sole of a shoe, a flange at each end adapted to embrace the edge of the shoe sole, and calks mounted in said body and arranged to be brought into contact with the bottom of said shoe sole to clamp the device in place.

1,573,780. **VAPOR-FEED MEANS.** IRVING COWLES, Chicago, Ill. Filed Apr. 7, 1922. Serial No. 550,260. 11 Claims. (Cl. 123—25.)



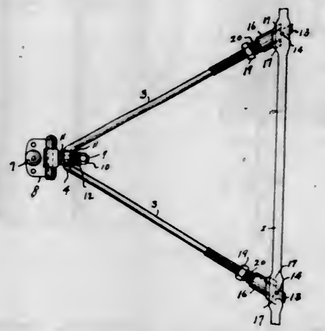
1. A vaporizer for use in conjunction with an internal combustion engine, comprising a closed metallic casing adapted to be mounted on a portion of the engine to be heated thereby, the casing having an inlet for fluids at its upper part and an outlet at its lower part, the outlet adapted to be connected to the intake manifold of the engine, baffle walls arranged in the upper part of the casing adapted to form a plurality of liquid traps therein, and baffle walls in the lower part of the casing forming an elongated passage without traps through which gases passing through the device must flow to reach the outlet, as and for the purpose specified.

1,573,781. **GOVERNING MECHANISM FOR TURBINES.** WALTER KIESER, Charlottenburg, Germany, assignor, by mesne assignments, to Allgemeine Elektricitäts Gesellschaft, Berlin, Germany, a Corporation of Germany. Filed Nov. 13, 1923. Serial No. 674,528. 8 Claims. (Cl. 137—158.)



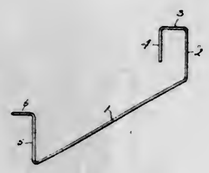
1. In combination, a main turbine, an auxiliary turbine operating on the extraction plan, said turbines being arranged to drive a common load, admission valves for the turbines, a speed governor which successively controls said admission valves, and a regulator responsive to a condition of the fluid extracted from the auxiliary turbine which normally controls its admission valve, and which also modifies the action of the governor on the admission valve of the main turbine in such manner as to cause said valve to move in the opposite sense to the valve of the auxiliary turbine.

1,573,782. **RADIUS ROD.** JAMES A. PORTIS, Daisetta, Tex., assignor of one-fourth to A. L. Barrow, Liberty County, Tex. Filed May 29, 1924. Serial No. 716,604. 4 Claims. (Cl. 267—66.)



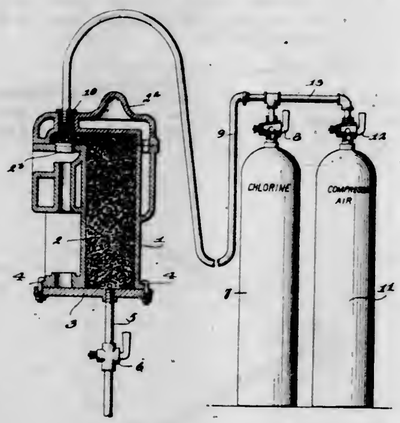
1. The combination with a motor and axle of a motor vehicle, of a radius rod formed with diverging arms, a yoke having a bearing connecting said arms at one end, a forwardly extending pintle hinged to the motor and working through said bearing, means preventing the detachment of the yoke from the pintle, integral hooks into which the other ends of the arms are formed, which engage with said axle and means for securing said hooks in engagement with said axle.

1,573,783. CLIP FOR FASTENING EXPANDED-METAL LATHS. JOHN S. RAYNOR, Philadelphia, Pa. Filed May 7, 1924. Serial No. 711,521. 3 Claims. (Cl. 72—120.)



2. In combination with a furring bar and metal lathing, a series of clips, each of said clips comprising a body portion coacting with the lathing, a locking leg embracing the bar, and a stay leg supported by said bar, the locking legs of each succeeding clip engaging the body of the preceding one to hold the stay leg of said preceding clip in place against the bar.

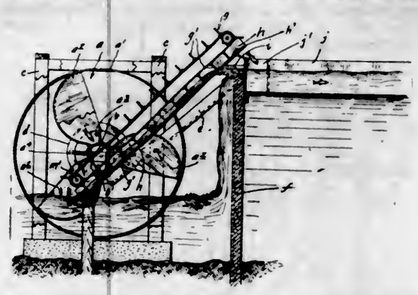
1,573,784. PROCESS OF TEMPERING METALS AND OTHER MATERIALS. JAMES W. VAN METER, San Rafael, Calif. Filed June 9, 1922. Serial No. 567,096. 18 Claims. (Cl. 148—17.)



4. Method of tempering, consisting in heating the work in a non-oxidizing atmosphere, excluding the same from the outer air, and subjecting the same to the action of cyanogen under pressure.

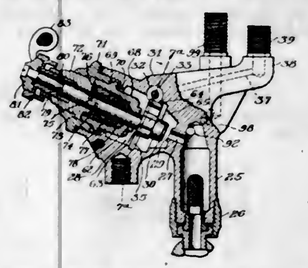
1,573,785. FISH LADDER. JOHN F. ALBRIGHT, Oregon City, Oreg. Filed Aug. 13, 1925. Serial No. 50,021. 1 Claim. (Cl. 61—21.)

In a fish ladder of the character described, lifting devices comprising a rotatable fish wheel having an axially arranged discharge, and a peripherally arranged inlet, an inclined chute, said discharge emptying into



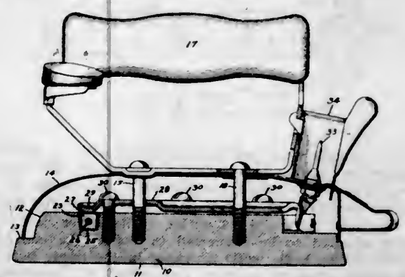
said inclined chute, the latter having conveying mechanism therein, the upper end of said chute extending a substantial distance upstream, for the purpose described.

1,573,786. VALVE. ALPHONSE F. PIEPER, Rochester, N. Y. Original application filed Sept. 20, 1923, Serial No. 663,892. Divided and this application filed Apr. 18, 1924. Serial No. 707,496. 8 Claims. (Cl. 277—7.)



1. A valve head comprising an inlet, a plurality of outlets, valve means controlling said inlet, independent valve means selectively controlling said outlets, a single manipulative device for actuating both of said valve means and a part cooperating with said head and device and threadedly engaged with one thereof for actuating said device.

1,573,787. ELECTRIC HEATER. CHARLES P. RANDOLPH, Oak Park, Ill., assignor to Edison Electric Appliance Company, Incorporated, Chicago, Ill., a Corporation of New York. Filed May 25, 1925. Serial No. 32,529. 3 Claims. (Cl. 219—25.)



1. The combination with a mass of heat conducting material provided with a substantially flat-bottom groove, of a heating unit encased in a continuous unbroken

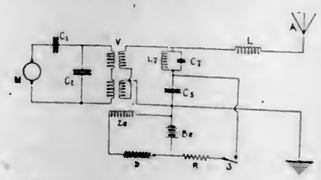
metallic sheath clamped in said groove, said sheath being formed with a substantially flat surface held in engagement with the bottom of said groove in good thermal relation therewith.

1,573,788. CLOTH. OTTO C. WIESE, Brooklyn, N. Y., assignor to Salomon Fromm, Brooklyn, N. Y. Filed Nov. 3, 1922. Serial No. 598,824. 4 Claims. (Cl. 66—4.)



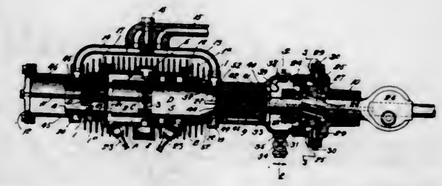
1. A cloth, comprising a body, and an inserted straw yarn looped into the body at spaced intervals while the body is stretched whereby more of said inserted yarn will be on one face of the body than on the other and whereby the inserted yarn will be crushed somewhat together when the body is not under tension.

1,573,789. TRANSMITTING ARRANGEMENT FOR WIRELESS SIGNALING. MENDEL OSNOS, Berlin, Germany, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches, Berlin, Germany, a Corporation of Germany. Filed July 11, 1923. Serial No. 650,861. 9 Claims. (Cl. 250—17.)



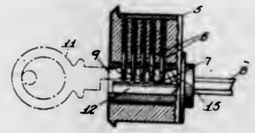
1. A transmitting arrangement for wireless signaling comprising a high frequency generator, a static frequency transformer having its input circuit arranged in circuit with the generator, an aerial circuit coupled with the output circuit of the transformer, a parallel circuit connected with the aerial circuit and arranged in parallel with said output circuit, said parallel circuit comprising a protecting circuit and a condenser arranged in series, a circuit arranged in parallel with said condenser, and means for controlling the current in the last-mentioned circuit.

1,573,790. GASOLINE ROCK DRILL. JOHN V. RICE, Jr., Bordentown, N. J., assignor to Rice Portable Rock Drill Corporation, Wilmington, Del., a Corporation of Delaware. Filed June 15, 1922. Serial No. 568,568. 12 Claims. (Cl. 123—7.)



1. In a gasoline rock drill, the combination of a cylinder, a piston therein having twin interior chambers, a free member reciprocating through one end of the cylinder and provided with means for carrying a drilling or cutting tool, and means arranged in connection with said free member to impart a partial rotation thereto at each reciprocation in one direction, while permitting it to pursue a rectilinear movement only during the reciprocations in the other direction, said rotating means consisting essentially of a ratchet wheel mounted on a free rod and connected therewith by a tongue and groove connection, and a series of one or more pawls engaging the teeth of said ratchet to prevent reverse movement.

1,573,791. COMBINATION KEY. EMIL ROETHLISBERGER, New York, N. Y. Filed Apr. 30, 1923. Serial No. 635,446. 14 Claims. (Cl. 70—93.)



1. A combination key for tumbler locks, said key being composed of separate interlocking and cooperative parts positioned one above the other and edge to edge, and one of said parts constituting a key part for actuating the tumblers of the lock.

Patents Nos. 1,573,792 to 1,574,740.

THE

OFFICIAL GAZETTE

OF THE

United States Patent Office.

Vol. 343—No. 4. TUESDAY, FEBRUARY 23, 1926. Price—$5 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $5.00 per annum; single numbers, 10 cents each.

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Designs	82—No.	69,470 to No.	69,551, inclusive.
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Total	1,577		

Notice—Disclaimers—Allegation that Claim of More than that to Which the Patentee was Entitled was Made "Without Any Fraudulent or Deceptive Intention."

U. S. PATENT OFFICE, *Washington, Feb. 8, 1926.*

Section 4917 provides for a disclaimer when the patentee had claimed more than that of which he was the original or first inventor "through inadvertence, accident, or mistake" and "without any fraudulent or deceptive intention," and section 4922 has a similar limitation.

A disclaimer in order to be recordable in this Office should therefore contain not only the allegation that the matter to be disclaimed was included "through inadvertence, accident, or mistake," but also the allegation that it was included "without any fraudulent or deceptive intention."

If a disclaimer is filed which does not include the latter allegation, the party filing it will be notified that the disclaimer can not be recorded until that allegation is included.

THOMAS E. ROBERTSON,
Commissioner.

Disclaimer.

1,147,727.—*Fred O. Howe*, New Haven, Conn. LAMPS. Patent dated July 27, 1915. Disclaimer filed February 5, 1926, by the assignee, *Albert I. Appleton*.

Hereby enters this disclaimer and disclaims from the scope of claim 7 of said Patent No. 1,147,727 any lamp in which said "support-operating shaft" moves angularly about any other axis than its long axis for the purpose of turning the support for the lamp.

Changes in Classification.

Order No. 2,944, February 5, 1926, provides:

In *class 235, Registers* (Division 23), establish the following subclass and definition, the patents contained in this subclass having been taken for the most part from class 235, Registers, subclass 61, Calculators:

Calculators

61.5 Ordnance control data.

61.5. CALCULATORS, ORDNANCE CONTROL DATA. Mechanisms capable of rapidly solving those mathematical problems pertaining to the training of ordnance upon targets in air, on land and in water, where the accurate setting of the gun is dependent on the results of solution of problems involving range, rate of change of range, relative velocities, acceleration, azimuthal and zenithal angular positions and rate of change thereof, time of flight and drift of projectile, corrections for wind, etc.

Search Class—

89—ORDNANCE, subclass 41, Mounts, Training mechanisms.

In *class 255, Earth Boring* (Division 38), abolish the following subclass, with its definition, the patents formerly contained therein having been placed in class 308, Machine Elements, Bearings and Guides, subclass 4, Guide or slide, Cylindrical, and in class 255, Earth Boring, subclasses 69, Drills, bits, and augers, Screw, and 72, Drills, bits, and augers, Core, and class 287, Rod Joints or Couplings, subclass 125, Socket, Screw, and cross-referenced into class 308, subclass 4:

Rigs

Rods

29 Guides.

Class 66, Textiles, Knitting (Division 21), has been reclassified, with the subclasses indicated in the new loose leaf now being published for insertion in the Manual of Classification.

Lists of subclasses with definitions may be seen in the Classification Division, room 165.

ADJUDICATED PATENTS.

(D. C. N. Y.) The Ornstein patent, No. 1,142,861, for process for antiseptic izing water with chlorine, claims 4, 5, 6, 8, and 10 *Held* valid and infringed. *Electro-Bleaching Gas Co.* v. *Paradon Engineering Co.*, 8 F. (2d) 890.

Condition of Applications Under Examination at Close of Business February 12, 1926.

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 40,686: Trade-Mark Division, 2,121. Oldest new case, Aug. 1, 1925; oldest amended, July 31, 1925. The dates given are 1925 except where † indicates 1926.) Divisions, Examiners, and Subjects of Inventions.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Harrows and Diggers; Plant Husbandry; Plows; Planting; Scattering Unloaders.	Nov. 17	Nov. 20	567
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco.	Oct. 17	Sept. 8	502
331	3. RICH, WM. J., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 11	Nov. 12	702
234	4. MERRITT, A. D., Conveyers, Chutes, Skids, Guides, and Ways; Conveyers, Fluid Current; Conveyers, Power Driven; Excavating; Handling—Hand and Hoist-Line Implements; Material or Article Handling; Pushing and Pulling Implements; Traversing Hoists.	Nov. 7	Nov. 19	522
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording and Reproducing; Tying Cords or Strands.	Sept. 12	Sept. 17	855
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Hides, Skins and Leather; Sugar and Starch; Concentrating Evaporators.	Nov. 13	Nov. 3	1,021
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Nov. 27	Nov. 25	776
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Nov. 20	Nov. 23	1,077
221	9. TRYON, F. M., Air and Gas Pumps; Hydraulic Motors; Injectors and Ejectors; Motors, Fluid; Motors, Fluid Current; Pumps.	Nov. 3	Oct. 23	573
118	10. HUNTER, O. F. (Acting), Motor Vehicles; Land Vehicles—Animal Draft Appliances, Bodies and Tops, Dumping.	Oct. 21	Nov. 4	981
143*	11. ARMSTRONG, H. C., Boot and Shoe Making; Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whips and Whip Apparatus; Cutting and Punching Sheets and Bars; Driven, Headed, and Screw-Threaded Fastenings.	Nov. 27	Nov. 14	756
380	12. PIERCE, P. P., Machine Elements	Nov. 6	Nov. 17	660
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning.	Nov. 13	Dec. 8	648
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Oct. 16	Nov. 10	863
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Nov. 16	Nov. 19	612
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Oct. 9	Oct. 9	941
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Nov. 4	Nov. 5	373
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Oct. 10	Oct. 12	794
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Oct. 15	Dec. 5	553
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Nov. 23	Nov. 23	767
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Nov. 3	Nov. 25	474
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms; Ordnance; Ammunition and Explosive Devices; Ammunition and Explosive-Charge Making; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Dec. 2	Dec. 5	525
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147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Nov. 13	Dec. 1	500
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Nov. 21	Nov. 14	748
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Aug. 19	Aug. 25	747
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Dec. 14	Dec. 7	514
225	28. BENSON, A. R., Internal-Combustion Engines	Dec. 12	Dec. 12	603
160*	29. MORRIS, B. N., Abrading; Boring and Drilling; Button Making; Chucks or Sockets; Cooperage; Tool-Handle Fastenings; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Aug. 1	July 31	1,064
248	30. SULLIVAN, M. R., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Nov. 13	Nov. 12	816
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Dec. 18	Dec. 17	735
240	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Oct. 14	Oct. 16	561
152	33. WYMAN, W. L., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Dec. 12	Dec. 14	617
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways; Railway Rolling Stock; Railway Switches and Signals; Railways, Surface Track; Railway Wheels and Axles; Store Service; Track Sanders; Vehicle Fenders.	Sept. 14	Sept. 12	717
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Oct. 9	Dec. 30	492
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Oct. 28	Nov. 11	1,074
224*	37. TAYLOR, E. C., Electricity, Circuit Makers and Breakers	Nov. 11	Nov. 10	837
145	38. IDE, G. R., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Aug. 31	Sept. 22	872
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Nov. 17	Nov. 24	484
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Cloth, Leather, and Rubber Receptacles; Deposit and Collection Receptacles; Metallic Receptacles; Package and Article Carriers; Paper Receptacles; Special Receptacles and Packages; Wooden Receptacles.	Nov. 5	Nov. 7	1,074
125	41. BROWN, J. I., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Nov. 17	Nov. 13	443
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Oct. 16	Oct. 9	1,161
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Nov. 3	Nov. 3	758
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Sept. 3	Aug. 29	861
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Nov. 3	Nov. 12	510
233	46. WOLCOTT, C. L., Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Nov. 11	Nov. 12	501
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Oct. 19	Oct. 26	1,100
213*	48. ROEPKE, O. B., Electricity, Conductors; Electricity, General Applications	Sept. 7	Sept. 1	1,638
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Pneumatics; Velocipedes; Driers; Liquid Separation or Purification	Nov. 19	Nov. 21	614
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Oct. 9	Oct. 9	1,162
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission; Electric Lamps	Oct. 2	Sept. 24	1,689
144	52. MORGAN, E. T., Supports; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings.	Dec. 4	Dec. 3	566
241*	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Nov. 21	Nov. 21	680
102	Designs: C. O. MARKHAM (Acting)	†Jan. 21	†Jan. 23	361
163	Trade-Mark, Labels, and Prints: T. L. MEAD, Jr. (Trade-Marks	†Jan. 13	†Jan. 26	1,997
	(Labels and Prints	†Jan. 13	†Feb. 2	124

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decision.

Ex parte O'Rourke.

Decided February 21, 1925.

TOOL SUPPORT.

Appeal to Examiners in Chief—New Reference Cited in Examiner's Answer—Election to Prosecute Appeal.

Where an applicant has elected to prosecute his appeal before the Examiners in Chief after the citation of a new reference by the Examiner in his answer to the appeal, the case is not open for amendment before the Examiner after the appeal has been decided.

Application for Patent.

On petition.

Mr. Horace L. Rockwell for the applicant.

Kinnan, *First Assistant Commissioner:*

The applicant has petitioned "that the Examiner be instructed to enter the amendment of January 13, 1925, and consider the same."

The record discloses that after a final rejection by the Examiner, he was, after petition to the Commissioner, directed to consider informally any amendment or argument which applicant submits, and should such amendment or argument satisfy the Examiner that he should allow any of the claims he may admit such amendment; but an appeal should be filed covering any claims still denied patentability, and such appeal must be filed within one year from April 14, 1922.

Thereafter petitioner presented an amendment directing the cancellation of all of the finally-rejected claims and substituting therefor an equal number of similarly-numbered claims. The appeal was filed within the limit set.

There was some uncertainty, when the Examiners in Chief took up the case for decision, as to whether the amendment canceling the finally-rejected claims and substituting the new claims had been admitted in the case. The Examiners in Chief, however, correctly decided that such an amendment should have been entered, and considered the claims contained in it, dismissing the appeal as to the claims which such amendment directed to be canceled.

In the Examiner's answer to this appeal he cited for the first time a new reference, the British patent to Taylor. The petitioner did not seek, under the practice set forth in *Ex parte Mevey*, 56 O. G. 805, or *Ex parte Dolan*, 99 O. G. 2321, to return to the Primary Examiner and seek to overcome this new reference, but prosecuted the appeal to the Examiners in Chief. After the decision of that tribunal affirming the rejection of the Examiner as to all of the rejected claims save 1 petitioner presented an amendment to these rejected claims together with an argument as to their patentability as amended. This amendment was refused entry under the provisions of rule 140. It is from this refusal to enter this amendment that the instant petition is brought.

Petitioner seems to think that a case having been decided by the Examiners in Chief on appeal is still open for amendment before the Examiner. This is clearly contrary to the established practice and to the rule above noted. The conditions are in no wise changed by reason of petitioner having elected to prosecute his appeal before the Examiners in Chief after the citation of the new reference by the Examiner.

This case has been pending in this Office over seven years and has been many times reviewed by the Examiner. It is believed ample opportunity has been given applicant to present and have considered any and all claims that he desired and that he has had opportunity to make such showing as to the new reference as, under the practice, he could demand.

The petition is denied.

Court of Appeals of the District of Columbia.

Buckwalter *v.* Pratt.

Nos. 1,790, 1,791. Decided January 4, 1926.

Interference—Reduction to Practice—Simple Invention—Drawings.

Where B. urged that his conception in 1917 was followed in that year by a drawing which, owing to the simple character of the invention, should be regarded as a reduction to practice, his contention was overruled by the Commissioner of Patents, and the court agreed with that ruling upon the record before them.

Appeals from the Commissioner of Patents. Affirmed.

Mr. H. A. Dodge and *Mr. Joseph G. Denny, jr.*, for Buckwalter.

Mr. J. B. Macauley for Pratt.

Before Martin, Chief Justice, Robb, Justice, and Smith, Judge U. S. Court of Customs Appeals.

Martin, *C. J.:*

These appeals have been taken by Buckwalter, the junior party, from decisions of the Commissioner of Patents in two interference proceedings, awarding priority of invention to Pratt, the senior party. The appellant comes to this court with three concurring decisions of the Patent Office against him.

The issues of the respective interferences are as follows:

A self adjusting roller bearing comprising inner and outer race rings, one of which is formed with a spherical curved race and the other with a co-operating race, and rollers having axially convex surfaces and whose greatest diameter lies nearer to one end of the roller than the other end.

In a bearing of the class described, an outer bearing member having a spherical inner surface, an inner bear-

ing member having an outer bearing surface which is concave longitudinally and of greater diameter at one end than the other, rolls between the bearing surfaces of greater diameter at one end than at the other and a frustro-conical roll retainer engaging said rolls.

Pratt's applications were filed on October 27, 1918. He took no testimony in the proceedings, but relied upon his filing date for a constructive reduction to practice.

Buckwalter's applications were filed on July 11, 1919. He alleged conception prior to May 22, 1917, and an actual reduction to practice on June 15, 1919, which date is later than Pratt's filing date. In his preliminary statement Buckwalter alleged no definite date of reduction to practice prior to June 15, 1919, nevertheless he urges that his conception in 1917 was followed in that year by a drawing, which owing to the simple character of the invention should be regarded and considered as a reduction to practice. This contention was overruled below, and upon the present record we agree with that ruling.

Buckwalter introduced evidence with reference to his diligence or excuse for want thereof, from a time prior to Pratt's entry into the field and extending up to the date of his own reduction to practice. Upon this subject the Examiners in Chief found as follows:

There is no evidence of diligence whatever but it is contended that Buckwalter and the Timken Roller Bearing Co. of which he was chief engineer were so busily engaged in war work that he could not spare time to develop this bearing. Without going further into the matter we adopt the analysis of the Examiner of Interferences and agree with his conclusion that there was no controlling obstacle to the reduction to practice or the filing of an application and that Buckwalter was not diligent. Buckwalter also attempts to raise the question of nonpatentability of the issue but this question is not appealable under rule 130.

Upon a review of the evidence we are satisfied that these conclusions are correct (see also *Lecroix* v. *Tyberg*, 148 O. G. 831; 33 App. D. C. 586), and that the decision of the Commissioner of Patents awarding priority to Pratt, should be, and it is, affirmed.

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,486,919, J. R. Quinlan, Internal-combustion engine, decided January 16, 1926, claims 1 and 2.

Pat. 1,490,623, Miller and Schweitzer, Automatic train-control apparatus, decided January 18, 1926, claims 1 to 5, inclusive.

Pat. 1,524,900, G. A. Yanochowski, Telephone system, decided January 11, 1926, claims 3, 4, 17, 19, 21, 22, and 23.

Pat. 1,526,108, H. F. Adams, Wall board and joint therefor, decided January 11, 1926, claims 1, 2, 4, 5, and 6.

Pat. 1,583,616, Shipley and Given, Lacquer and lacquer enamel, decided January 16, 1926, claims 1, 2, 3, 5, 12, 13, 14, 16, 18, 21, and 22.

Pat. 1,554,219, F. T. Kitchen, Electric atomizer heater, decided January 16, 1926, claim 4.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

892,603, Luther & Volck, Process for the manufacture of arsenate of lead, decree for plaintiff Dec. 26, 1925, perpetual injunction issued; order vacating injunction Jan. 4, 1926, D. C., N. D. Ohio (W. Div.), Doc. E 338, *California Spray Chemical Co.* v. *The Toledo Rex Spray Co.*

900,055, I. F. Burnham, Squeeze roll for wool washing machinery, final decree dismissing bill Sept. 10, 1925, D. C. N. J., Doc. E 55, *R. J. Wilkie* v. *The Manhattan Rubber Mfg. Co.*

904,183, G. Dalen, Filling mass for receivers for storing explosive gases; 1,140,124, same, Storing mass for acetylene gas, decree of district court affirmed Dec. 11, 1925, C. C. A. (7th Cir.), Doc. 3559, *American Gas Accumulator Co.* v. *The Prest-O-Lite Co.*

914,678, F. Skelton, Handle for shovels, spades, and other tools; 1,240,503, same, Reinforced D handle, final decree holding patents valid and infringed, permanent injunction granted Jan. 4, 1926, D. C., N. D. Ohio (E. Div.), Doc. 970, *F. Skelton et al.* v. *The Conneaut Shovel Co. et al.*

928,286, Stoltzfus & Miller, Dump car and operating mechanism, suit filed Nov. 16, 1925, D. C., E. D. Pa., Doc. 3489, *E. L. Stoltzfus et al.* v. *The Good Road Machinery Co., Inc., et al.*

931,406, K. Friedman, Stopper, suit filed Dec. 31, 1925, D. C., N. D. Calif. (S. Div.), Doc. E. 1620, *K. Friedman* v. *S. M. Ising.*

953,922, J. B. Rogers, Tracheal cannula or tube; 1,091,529, L. H. Nash, Pump and air compressor; Re. 15,637, I. C. Jennings, Wet vacuum pumping apparatus, suit filed Dec. 23, 1925, D. C. Mass., Doc. E 2508, *Nash Engineering Co.* v. *The Trane Co.*

1,018,502, Just & Hanaman, Incandescent body for electric lamps, consent decree Oct. 20, 1925, sustaining patent and granting perpetual injunction, D. C., S. D. Calif. (S. Div.), Doc. J-25-J, *General Electric Co.* v. *Angelus Lamp Works, Inc., et al.*

1,018,502(*a*), Just & Hanaman, Incandescent body for electric lamps; 1,082,933, W. D. Coolidge, Tungsten and method of making same for use as filaments of incandescent electric lamps, etc., suit filed Apr. 20, 1925, D. C. N. J., Doc. E. 1231, *General Electric Co.* v. *Nathanial & Goldstein* (*Continental Lamp Co.*).

1,029,328, C. W. Utzman, Plaster board and its method of manufacture; 1,034,746, same, Plaster board, appeal filed Dec. 28, 1925, C. C. A. (7th Cir.), Doc. 3698, *Bestwall Mfg. Co. et al.* v. *United States Gypsum Co.*

1,034,746. (See 1,029,328.)

1,045,763, F. O. Whiting, Crusher, suit filed Dec. 5, 1925, D. C., N. D. Ohio (E. Div.), Doc. 1691, *The Jeffrey Mfg. Co.* v. *The Brown Hoisting Machinery Co.*

1,082,983. (See 1,018,502 (*a*).)

1,091,529. (See 953,922.)

1,095,696, J. Bijur, Engine-starting apparatus; 1,124,264, 1,125,935, 1,212,175, 1,256,102, 1,258,802, 1,294,755, V. Bendix, Engine starter; 1,288,476, Bendix & Ellett, same; 1,501,153, H. E. Van Ness, Engine-starter pinion, suit filed Dec. 2, 1925, D. C. Ind., Doc. 951, *Eclipse Machine Co.* v. *Eclipse Tool Co., Inc., et al.*; same, suit filed Dec. 11, 1925, D. C., Ind., Doc. 952, *Eclipse Machine Co.* v. *A. S. Lukens.* Final decree and injunction by agreement of parties Dec. 21, 1925.

1,113,172, F. K. Fassett, Worm gear, suit filed May 2, 1925, D. C., N. D. Tex. (Fort Worth), Doc. E 442, *F. K. Fassett* v. *Globe Elevator Appliance Co. et al.* Patent held valid and infringed as to claims 1 to 11, inclusive, Dec. 19, 1925.

1,124,264. (See 1,095,696.)

1,125,935. (See 1,095,696.)

1,140,124. (See 904,183.)

1,150,298, F. C. Overbury, Shingle strip, appeal filed Dec. 30, 1925, C. C. A. (7th Cir.), Doc. 3697, *The Flintkote Co.* v. *The Philip Carey Co.*

1,157,046 (See Des. 42,398.)

1,188,405, A. P. Brush, Overhead valve mechanism for engines; 1,230,461, same, Lubricating system for internal-combustion engine; 1,265,735, same, Internal-combustion engine, decree of district court affirmed Dec. 15, 1925, C. C. A. (7th Cir.), Doc. 3404, *A. P. Brush* v. *Lexington-Chicago Co.*

1,212,175. (See 1,095,696.)

1,216,140, A. Kurtz, Lining for hats, consent decrees, sustaining patent and granting injunction Dec. 23, 1925, D. C., S. D. N. Y., Doc. E 28/390, *A. Kurtz et al.* v. *Independent Hat Lining Co. Inc.*; and Doc. E 30/186, *A. Kurtz et al.* v. *R. Dacks.*

1,224,880, L. F. Kries, Electric switch and fuse box; 1,292,808, H. F. Krantz, Safety panel box, suit filed Dec. 8, 1925, D. C., E. D. Pa., Doc. 3515, *Westinghouse Electric & Mfg. Co.* v. *S. Schmukler et al.* (*S. Schmuckler & Son*).

1,230,461. (See 1,188,405.)

1,234,065, C. E. Miller, Process of making rubber tires, consent decree, patent held valid and infringed, injunction granted Dec. 28, 1925, D. C., N. D. Ohio (E. Div.), Doc. 1473, *Seiberling Rubber Co.* v. *The Kuhlke Machine Co.*

1,237,815, Riches & Piver, Process of making calcium arsenate, final decree Dec. 15, 1925, D. C. N. J., Doc. E 691, *Riches, Piver & Co.* v. *Nitrate Agencies Co.*

1,240,503. (See 914,678.)

1,245,449, E. Edelmann, Syringe-hydrometer housing, suit filed Dec. 22, 1925, D. C., S. D. N. Y., Doc. E 35/17, *E. Edelmann & Co.* v. *Bernstein & Newwirth* (*Testrite Instrument Co.*).

1,249,153, C. C. McLean, Log-loading boom; 1,279,746, A. Opsal, same, patents held valid and infringed, perpetual injunction granted (notice dated Dec. 30, 1925), D. C. Oreg., Doc. E 8774, *C. C. McLean* v. *Pacific Spruce Corp. et al.*

1,256,102 (See 1,095,696.)

1,258,802. (See 1,095,696.)

1,265,735. (See 1,188,405.)

1,279,746. (See 1,249,153.)

1,288,476. (See 1,095,696.)

1,292,808. (See 1,224,880.)

1,294,755. (See 1,095,696.)

1,307,733, A. V. Gullborg, Lubricating apparatus; 1,307,734, same, Lubricating means, suit filed Oct. 23, 1925, D. C. Ind., Doc. 947, *The Bassick Mfg. Co.* v. *The Gibson Co.*; same, suit filed Dec. 22, 1925, D. C., W. D. Wash. (N. Div.), Doc. 514, *The Bassick Mfg. Co.* v. *H. C. Robey et al.* (*Robey-Robey Co.*).

1,307,734. (See 1,307,733.)

1,316,670. (See 1,483,932.)

1,335,875, J. Churchward, Electrical-arc welding; 1,389,476, same, Welding cast iron, consent decree, Dec. 2, 1925, D. C. N. J., Doc. E 568, *Wilson Welder & Metals Co., Inc.*, v. *Electric Arc Cutting & Welding Co.*

1,355,074, D. P. Cleveland, Process of removing surface finish, consent decrees sustaining patent and order of perpetual injunction Nov. 4, 1925, D. C., S. D. Calif. (S. Div.), Doc. H-24, *J. A. Bergfeld et al.* v. *Automobile Assembling Co.*; and Doc. H-26, *J. A. Bergfeld et al.* v. *R. Lohrmann et al.*

1,356,338, A. A. Clarke, Surface-treating device, appeal filed Dec. 19, 1925, C. C. A. (7th Cir.), Doc. 3691, *R. L. Barker et al.* v. *B. D. Atwell, Jr., et al.*

1,360,805, Sherman & Allen, Ash grate; 1,480,248, F. H. Dunbar, same; 1,496,402, F. B. Allen, Sprinkling system and sprinkler; 1,547,284, same, Hopper construction; 1,561,293, same, Ash-hopper construction, suit filed Dec. 17, 1925, D. C., E. D. Pa., Doc. 3519, *F. H. Dunbar et al.* v. *Beaumont Mfg. Co.*

1,383,552, J. G. McDonough, Machine for trade-marking or branding lumber or timber, suit filed Dec. 29, 1925, D. C. Minn. (5th Div.), Doc. E 188, *J. G. McDonough* v. *Johnson Wentworth Co.*

1,389,476. (See 1,335,875.)

1,429,175. (See 1,465,598.)

1,459,160, Nims & Nims, Water circulator for gas engines, decree of District Court reversed with directions to dismiss bill for want of equity (notice dated Jan. 5, 1926), C. C. A. (7th Cir.), Doc. 3568, *Cramer Mfg. Co.* v. *Nims Pump Co.*

1,464,061, D. W. Cushman, Automobile rug, suit filed Dec. 29, 1925, D. C., N. D. Ohio (W. Div.), Doc. E 604, *D. W. Cushman* v. *The Hodes Zink Mfg. Co.*

1,465,598, J. H. C. De Brey, Treating of hydrocarbons; 1,429,175, H. E. Thompson, Process of

treating natural gas and product thereof; 1,523,314, same, Natural-gas gasoline, suit filed Dec. 28, 1925, D. C., S. D. Tex., Doc. E 271, *Carbide & Carbon Chemicals Corp.* v. *The Texas Co.*

1,480,248. (See 1,360,805.)

1,483,962, O. A. Ellis, Rock and ore crushing mill; 1,316,670, M. J. Barnett, Centralized ball mill, suit filed Dec. 22, 1925, D. C., N. D. Calif. (S. Div.), Doc. E 1617, *A. E. Ellis* v. *K. & K. Machinery Co. et al.*

1,496,099, J. B. O'Connor, Locking device for bench drawer, suit filed Nov. 12, 1925, D. C., E. D. Pa., Doc. 3487, *Lyon Metallic Mfg. Co.* v. *Standard Pressed Steel Co.*

1,496,402. (See 1,360,805.)

1,498,196, L. G. Pacent, Electric plug, suit filed Oct. 15, 1925, D. C. N. J., Doc. E 1513, *Pacent Electric Co., Inc.*, v. *Zisch Engineering Co.*

1,501,153. (See 1,095,696.)

1,506,774, W. D. Redrup, Coal chute, cause dismissed with prejudice, Dec. 12, 1925, in accordance with stipulation of parties, D. C., N. D. Iowa (E. Div.), Doc. E 101, *The Majestic Co.* v. *The Adams Co.*

1,507,711, A. E. Pollock, Process of making plastic articles, final decree sustaining patent and granting injunction (notice dated Dec. 26, 1925), D. C., S. D. N. Y., Doc. E 30/179, *Inter Ocean Radio Corp.* v. *Racon Electric Co., Inc.*

1,523,314. (See 1,465,598.)

1,532,256, W. Moller, Pan-greasing machine, suits filed Nov. 19, 1925, D. C., E. D. Pa., Doc. 3497, *The Easy Pan Greasing Machine Co., Inc.*, v. *O. Albrechtsen;* and Doc. 3499, *The Easy Pan Greasing Machine Co., Inc.*, v. *Allen Engineering Co., Inc.*

1,539,889, G. O. Wilkinson, Radio receiving apparatus, suit filed Dec. 21, 1925, D. C., E. D. Pa., Doc. 3523, *G. O. Wilkinson et al.* v. *American Radio Stores, Inc.*

1,547,284. (See 1,360,805.)

1,558,187, D. Lambert, Knife sharpener, suits filed Nov. 19, 1925, D. C., E. D. Pa., Doc. 3493, *D. Lambert, et al.* v. *Phillips-Laffitte Co., Inc.;* and Doc. 3495, *D. Lambert et al.* v. *E. A. Lilly (Wayne Mfg. Co.).* Same, suit filed Dec. 4, 1925, D. C., E. D. Pa., Doc. 3511, *D. Lambert et al.* v. *O. C. Carver (The Jiffy Co.).*

1,561,293. (See 1,360,805.)

1,566,014, F. L. Johnson, Collapsible tire core, suit filed Dec. 30, 1925, D. C., N. D. Ohio (E. Div.), Doc. 1698, *F. L. Johnson* v. *The National Tire & Rubber Co.*

Re. 14,746, G. I. Rockwood, Dry-pipe valve, suit filed Dec. 30, 1925, D. C., S. D. N. Y., Doc. E 35/75, *G. I. Rockwood* v. *Central Automatic Sprinkler Co. et al.*

Re. 15,637. (See 953,922.)

Re. 16,192, A. Wathey, Stoker cylinder, suit filed Dec. 31, 1925, D. C., N. D. Ohio (E. Div.), Doc. 1699, *A. Wathey et al.* v. *The American Engineering Co.*

Des. 42,398, 1,157,046, J. Rousso, Towel cabinet, appeal filed Dec. 26, 1925, C. C. A., 8th Cir. (St. Louis), Dec. 7289, *R. B. Boyle et al.* (*Duluth Linen Supply Co.*) v. *J. Rousso.*

Des. 61,878, W. M. Sexson, Emblem or badge, suit filed Dec. 30, 1925, D. C. Mass., Doc. E 2510, *The Stamps Co.* v. *H. W. Peters Co.*

Des. 66,682. R. B. Griffin, Wall paper, suit filed Dec. 4, 1925, D. C., E. D. Pa., Doc. 3509, *The Robert Griffin Co.* v. *Asem Bros., Inc.*

Des. 67,399, E. Drinkuth, Casket-handle socket, suit filed Sept. 24, 1925, D. C. Ind., Doc. 942, *The Cincinnati Coffin Co.* v. *Standard Casket Hardware Co.*

TRADE-MARKS CANCELED.

42,288. Leather boots and shoes. The Alter & McCaffrey Co., Cincinnati, Ohio. Registered March 29, 1904. Canceled February 8, 1926.

57,347. Leather boots and shoes. The Alter & McCaffrey Co., Cincinnati, Ohio. Registered November 13, 1906. Canceled February 8, 1926.

170,112. Paving gravel. Allen Gravel Company, Memphis, Tenn. Registered July 10, 1923. Canceled February 8, 1926.

202,093. Candy. Loft, Incorporated, New York, N. Y. Registered August 11, 1925. Canceled February 8, 1926.

Notice of Cancellation.

U. S. PATENT OFFICE, *Washington, Jan. 25, 1926.*

Bidart Machinery Corporation, its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Kimberly-Clark Company, of Neenah, Wis., to effect the cancellation of trade-mark registrations No. 98,455, dated July 21, 1914, and No. 102,015, dated January 26, 1915, to American Rotogravure Company, of No. 432 Fourth Avenue, New York, N. Y., and it appearing by the statement of the president of the said American Rotogravure Company, made under oath in response to interrogatories addressed to it, that the title to the trade-marks concerned no longer remains in the said American Rotogravure Company, but has been transferred to the Bidart Machinery Corporation, and it further appearing that the said Bidart Machinery Corporation, of New York, N. Y., has been substituted to defend the registrations concerned and that the Office has failed to secure proper service on the said Bidart Machinery Corporation notice is hereby given that unless said Bidart Machinery Corporation, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

Interference Notice.

U. S. PATENT OFFICE, *Washington, Jan. 27, 1926.*

Devon Manufacturing Company, Inc., its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Lindeke, Warner & Sons, Incorporated, Fourth and Broadway, St. Paul, Minn., for registration of a trade-mark and trade-mark registered November 7, 1922, No. 161,114, to Devon Manufacturing Company, Inc., 24 Boerum Street, Brooklyn, N. Y., and a notice of such declaration sent by registered mail to said Devon Manufacturing Company, Inc., at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Devon Manufacturing Company, Inc., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *Acting Commissioner.*

TRADE-MARKS

OFFICIAL GAZETTE, FEBRUARY 23, 1926.

[VOL. 343. No. 4.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 165,901. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE UBIKO MILLING COMPANY, Cincinnati, Ohio. Filed June 22, 1922.

SUNSET

Particular description of goods.—Stock and Poultry Feed, Particularly Poultry Scratch Feed.
Claims use since Apr. 20, 1922.

Ser. No. 169,853. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) HARRY C. HOWER, Chicago, Ill. Filed Sept. 23, 1922.

VOGUE

Particular description of goods.—Automobile Tires and Tubes.
Claims use since Aug. 11, 1922.

Ser. No. 169,884. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. J. KRANK MFG. CO., St. Paul, Minn. Filed Sept. 23, 1922.

Scalphealth

Particular description of goods.—Hair Tonic.
Claims use since Oct. 21, 1910.

Ser. No. 174,122. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) AMERICAN WHOLESALE CORPORATION (BALTIMORE BARGAIN HOUSE), Baltimore, Md. Filed Jan. 3, 1923.

MARTHA WASHINGTON

Particular description of goods.—Draperies in the Piece of Cotton, Silk, and Cotton and Silk Mixed.
Claims use since Nov. 17, 1922.

Ser. No. 179,919. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EUGENE C. ARMSTRONG, doing business as The No-O-Dor Company, Jeannette, Pa., assignor to The No-O-Dor Company, Johnstown, Pa., a Corporation of Delaware. Filed Apr. 30, 1923.

NO-O-DOR

Particular description of goods.—Antiseptic and Deodorizing Powder.
Claims use since February, 1903.

Ser. No. 184,895. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CORNO MILLS COMPANY, St. Louis, Mo. Filed Aug. 28, 1923.

FLAKO

Particular description of goods.—Stock and Poultry Feed.
Claims use since July 12, 1922.

Ser. No. 187,516. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE GOODYEAR TIRE & RUBBER COMPANY Akron, Ohio. Filed Oct. 26, 1923.

SANITARY

Particular description of goods.—Rubber Hose.
Claims use since March, 1922.

Ser. No. 189,466. (CLASS 5. ADHESIVES.) MID-CONTINENT PRODUCTS COMPANY, Chicago, Ill. Filed Dec. 10, 1923.

EVERSTIK
STICKS QUICK HOLDS FAST

"Sticks Quick, Holds Fast," are disclaimed apart from the mark shown.
Particular description of goods.—Adhesives in Powdered Form to Which a Liquid is to be Added for Use and for the Said Adhesive in its Liquid Form.
Claims use since Mar. 30, 1923.

Ser. No. 191,816. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DURAND-MCNEIL-HORNER CO., Chicago, Ill. Filed Feb. 5, 1924.

BLOSSOM

Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Fish, Bottled Onions, Canned Pork and Beans, Olives, Coffee, Tea, Candy, Peanut Butter, Apple Butter, Vinegar, Table Sirup, Mincemeat, Sliced Dried Beef, Tomato Catchup, Prepared Mustard, Flavoring Extracts for Food Purposes, Marinated Herring, Malt Extract for Food Purposes, Horse-Radish, Macaroni, Shredded Coconut, Self-Rising Pancake Flour, Salad Dressing, Thyme, Sage, Pepper, Cheese, Evaporated Milk, Cocoa, Salted Peanuts, Olive Oil, Honey, Fruit Jelly, Fruit Preserves, Dried Codfish, Chocolates, Corn Meal, and Smoked Sardines.
Claims use since 1878.

Ser. No. 199,325. (CLASS 39. CLOTHING.) RICHMOND HOSIERY MILLS, Rossville, Ga. Filed June 28, 1924.

THE RICHMOND

The word "Richmond" is disclaimed without waiving any common-law rights.
Particular description of goods.—Hosiery and Knitted and Netted Underwear.
Claims use since 1909.

Ser. No. 203,131. (CLASS 27. HOROLOGICAL INSTRUMENTS.) R. H. JONES & SONS, Birmingham, England. Filed Sept. 27, 1924.

REGENT

Particular description of goods.—Watches, Watchcases, and Parts of Watches.
Claims use since 1922.

Ser. No. 204,454. (CLASS 28. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE GRIPSTIK CO., Dover, Ohio. Filed Oct. 27, 1924.

GRIPNSTIK

Particular description of goods.—Pliers and Wrenches.
Claims use since Sept. 22, 1924.

Ser. No. 205,022. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN C. MORGAN COMPANY, Traverse City, Mich. Filed Nov. 8, 1924.

MANITOU

Particular description of goods.—Canned Fruits and Vegetables.
Claims use since Oct. 1, 1924.

Ser. No. 205,274. (CLASS 37. PAPER AND STATIONERY.) THE HOOD FINANCE CORPORATION, Goldsboro, N. C. Filed Nov. 14, 1924.

THE HOOD
WEEKLY LOAN
SYSTEM

No claim is made to the words "Weekly Loan Systems" or the word "Hood" apart from the trade-mark shown on the drawing.
Particular description of goods.—Loan Systems Sold to the Trade as Such, Comprising Pass Books, Letterheads, Note Forms, Note Notices, and Certificates of Deposit.
Claims use since September, 1917.

Ser. No. 205,311. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) BOSTON EXCELSIOR COMPANY, New York, N. Y., and Boston, Mass. Filed Nov. 15, 1924.

SUNSET

Particular description of goods.—Upholstery and Bedding Stuffing and Filling Materials—Namely, Bats, Burlap, Excelsior, Felt, Fiber, Hair, Husks, Kapok, Linters, Moss, Packing Pads, Rattan, Sea Grass, Shoddies, Tow, Tufts, Woodwool, Garnetted Cotton (Cotton Shoddies), Cotton Mattress.
Claims use since Oct. 23, 1924.

Ser. No. 205,732. (CLASS 12. CONSTRUCTION MATERIALS.) THE BEAVER PRODUCTS COMPANY, INC., Buffalo, N. Y. Filed Nov. 24, 1924.

WHITE ROCK

Particular description of goods.—Plaster.
Claims use since February, 1907.

Ser. No. 205,741. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LOLA A. CASNATI, New York, N. Y. Filed Nov. 24, 1924.

L. A. Casnati

The trade-mark is a facsimile of the signature of the applicant.
Particular description of goods.—Hair Tonic and Face Lotion.
Claims use since Apr. 1, 1923.

Ser. No. 205,791. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SQUIRE DINGEE COMPANY, Chicago, Ill. Filed Nov. 24, 1924.

STAR

Particular description of goods.—Jellies, Jams, Fruit Butters, Fruit and Berry Preserves, and Pickles.
Claims use since 1909.

Ser. No. 206,316. (CLASS 38. PRINTS AND PUBLICATIONS.) CAROLINE ELIZABETH LANG, New York, N. Y. Filed Dec. 5, 1924.

SUNSHINE

"Sunshine."
Particular description of goods.—Title for Special Articles Appearing in Various Publications, Such as Newspapers.
Claims use since Sept. 8, 1922.

Ser. No. 206,317. (CLASS 38. PRINTS AND PUBLICATIONS.) CAROLINE E. LANG, New York, N. Y. Filed Dec. 5, 1924.

PETER PAN

Particular description of goods.—Nom de Plume for Special Articles Appearing in Various Publications, Such as Newspapers.
Claims use since Sept. 8, 1922.

Ser. No. 207,006. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CHAS. FRESHMAN COMPANY, INCORPORATED, New York, N. Y., assignor to Chas. Freshman Co. Inc., New York, N. Y., a Corporation of New York. Filed Dec. 20, 1924.

MASTERPIECE

Particular description of goods.—Radio Receiving Sets.
Claims use since July 31, 1924.

Ser. No. 207,713. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed Jan. 6, 1925.

CASCADE

Particular description of goods.—Fishing Reels.
Claims use since 1917.

Ser. No. 207,714. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed Jan. 6, 1925.

CLIMAX

Particular description of goods.—Chain Stringers for Fish.
Claims use since 1917.

Ser. No. 207,716. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed Jan. 6, 1925.

GEM

Particular description of goods.—Fishing Reels.
Claims use since 1917.

Ser. No. 207,721. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed Jan. 6, 1925.

LEADER

Particular description of goods.—Fishing Reels.
Claims use since 1917.

Ser. No. 207,967. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) CHICAGO SPRING HINGE COMPANY, Chicago, Ill. Filed Jan. 12, 1925.

SIMPLEX

Particular description of goods.—Hinges.
Claims use since May 1, 1924.

Ser. No. 208,022. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE SUSU NUT CO., Chicago, Ill. Filed Jan. 12, 1925.

SUSU

Particular description of goods.—Salted Nuts.
Claims use since Mar. 5, 1923.

Ser. No. 209,043. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) THE MAURICE LEVY COMPANY, New Rochelle, N. Y. Filed Feb. 3, 1925.

Peter Pan

Particular description of goods.—Powder Puffs.
Claims use since Jan. 12, 1925.

Ser. No. 209,125. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. S. HOFFMAN COMPANY, Chicago, Ill. Filed Feb. 5, 1925.

CLOVER



Particular description of goods.—Cheese.
Claims use since Aug. 14, 1914.

Ser. No. 209,552. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARTIN EUGENE SUTHERLAND, doing business as M. E. Sutherland Medicine Co., Paducah, Ky. Filed Feb. 13, 1925.

Croupoline

Particular description of goods.—A Salve for the Treatment of Croup, Cold in Chest, Sore Throat, Pneumonia, and Kindred Ailments, and Liquid Emulsion for Bronchitis, Croup, Coughs, and Spasmodic Asthma.
Claims use since 1910.

Ser. No. 209,554. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) ALBERT KREISS GESELLSCHAFT M. B. H., Vienna, Austria. Filed Feb. 14, 1925.

DESTILLOGEN

Particular description of goods.—Gas-Generating Plants and Parts Thereof.
Claims use since Oct. 22, 1924.

Ser. No. 209,789. (CLASS 39. CLOTHING.) HELSINGBORGS GUMMIFABRIKS AKTIEBOLAG, Helsingborg, Sweden. Filed Feb. 18, 1925.

TRETORN

Trade-mark consists of the word "Tretorn," meaning three towers.

Particular description of goods.—Galoshes, Snow Boots, Bootees, Gymnasts' Shoes, Sailors' Shoes; Boots and Shoes Made of Leather, Rubber, Fabric, and Combinations of Same; Rubber Shoe Soles, Rubber Shoe Heels, Malt-House-Shoe Soles, and Rubber Pads for Malt-House Shoes.
Claims use since May 8, 1912.

Ser. No. 209,790. (CLASS 39. CLOTHING.) HELSINGBORGS GUMMIFABRIKS AKTIEBOLAG, Helsingborg, Sweden. Filed Feb. 18, 1925.



No claim is made to the words "Helsingborg, Helsingborgs Gummifabriks Aktiebolag," and "Helsingborgs Basta Fabrikat" apart from the mark as shown. The words appearing on the drawing are translated as follows:—"Tretorn"—three towers; "Helsingborgs Gummifabriks Aktiebolag"—Helsingborgs Rubber Manufacturing Company Limited; and "Helsingborgs Basta Fabrikat"—Helsingborgs best manufacture.

Particular description of goods.—Galoshes, Snow Boots, Bootees, Gymnasts' Shoes, Sailors' Shoes; Boots and Shoes Made of Leather, Fabric, Rubber, and Combinations of the Same; Rubber Shoe Soles, Rubber Shoe Heels, Malt-House-Shoe Soles, and Rubber Pads for Malt-House Shoes.
Claims use since June 14, 1912.

Ser. No. 209,807. (CLASS 39. CLOTHING.) I. NEWMAN & SONS, INC., New York, N. Y. Filed Feb. 18, 1925. Under section 5^b of the act of 1905 as amended in 1920.

P.N. PerfectioN

Particular description of goods.—Corselettes, Brassières, and Bandeaux of Rubber, or Knitted, Netted, or Textile Fabric, or Combinations of Rubber and Knitted, Netted, or Textile Fabrics.
Claims use since Dec. 31, 1924.

Ser. No. 210,127. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WILLIAM F. KUHN, doing business as Simplex Radio Supply Co., St. Louis, Mo. Filed Feb. 25, 1925.

SIMPLEX
RADIO SUPPLY CO.
St. Louis, Mo.



No claim is made herein to the trade name of the applicant, "Simplex Radio Supply Co.," nor to the words "St. Louis, Mo., Radio by Mail," apart from the mark shown on the drawing.

Particular description of goods.—Radio Receiving Sets and Parts—Namely, Condensers, Variometers, Batteries, Head Phones, and Binding Posts.
Claims use since January, 1924.

Ser. No. 211,258. (CLASS 32. FURNITURE AND UPHOLSTERY.) THE CLEMESTEEN COMPANY, Chicago, Ill. Filed Mar. 19, 1925.

Clemeoglide

Particular description of goods.—Desks, Desks Having Movable Supports for Typewriters and Similar Devices, Drawers, Tops, Slides.
Claims use since Feb. 12, 1925.

Ser. No. 212,230. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE BAYER COMPANY, INC., New York, N. Y. Filed Apr. 6, 1925.

BAYER

Particular description of goods.—Veterinary Products Such as Anthelmintics, Disinfectants, Intestinal Antiseptics, Antipyretics, Antidiarrheics, Antirheumatics, Antineuralgics, Antiscabies Remedies, Antiseptics, Hypnotics, Sedatives, and Tonics.
Claims use since Dec. 6, 1924.

Ser. No. 212,285. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NEWARK WHOLESALE GROCERY CO., Newark, N. J. Filed Apr. 6, 1925.

IWANA

Particular description of goods.—Vinegar, Spices, Pepper, and Preserved Fruits and Berries.
Claims use since Mar. 28, 1923.

Ser. No. 212,351. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) R. T. ROGERS SYNDICATE, Lockhart, Tex. Filed Apr. 7, 1925.

CHOCOLATE BREAKERS

The lining of the drawing represents shading only, and no claim is made to exclusive use of the word "Chocolate" aside from the mark shown.

Particular description of goods.—A Confection Consisting of a Chocolate Shell and a Filler of Ice Cream.
Claims use since Mar. 7, 1925.

Ser. No. 212,380. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DANIEL W. GOODLING, Richfield, Pa. Filed Apr. 8, 1925.

KEYSTONE

Particular description of goods.—Live Poultry.
Claims use since 1910.

Ser. No. 212,529. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BAKELITE CORPORATION, New York, N. Y. Filed Apr. 11, 1925.



Particular description of goods.—Certain Electrical Apparatus and Parts—Namely, Attachment Plugs, Brush-Holder Insulation, Cable Terminals, Condenser Cases, Commutators, Carbon Brushes, Junction Blocks, Winding Forms, Bus-Bar Supports, Signal-Device Insulation, Vacuum-Tube Bases, Fan Bases, Fuse Blocks, Distributor Heads, Electric-Drill Insulation, Generators, Breaker-Arm Contacts, Armatures, Ignition Insulation, Insulating Panels, Insulating Washers and Bushings, Ignition Timers, Lamp Sockets, Magnet Spools, Magneto Gears, Electric-Fan Blades, Potentiometers, Phonograph-Motor Insulation; Radio Ear Phones, Panels, Dials, Condenser Ends, Knobs, Tube Sockets, and Variometers, Rheostat Bases, Loud Speakers; Spark Intensifiers, Spark-Plug Covers, Spools, Electric-Strain Insulators, Switch Bases, Switch and Outlet Plates, Switchboards; Telephone Switch Members, Mouthpieces, and Receivers; Third-Rail Insulation, Thumb Nuts and Knobs, Electric-Vacuum-Cleaner Insulation; Wiring Channels, Wireless Socket Adapters, Amplifier Tubes, Grid Leaks, Jack Plug Boxes and Jacks, Loops, Panel Switches, Plugs, Radio Compasses, Receiver Spools, Rheostats, Transformers, Tube Bases, Tubes for Coil Windings, Variocouplers, Verniers, Reproducer Casings, Diaphragms, and Lightning Arresters; Electric-Sign Insulation, Heat-Regulator Insulation, Insulating Shells and Blocks for Traffic-Control Signals, Electric-Piano Controls, Water Heaters, Cigar Lighters; Insulating Cement, and Face Plates, Panel Blocks, Plugs, and Receptacles for Multiplex-Printing-Telegraphy Apparatus.
Claims use since Dec. 1, 1924.

Ser. No. 212,606. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ANTONIO CORRAO, doing business as The Universal Salad Oil Co., New York, N. Y. Filed Apr. 20, 1925.



Particular description of goods.—Salad Oil—Namely, Cottonseed Salad Oil.
Claims use since about April, 1913.

Ser. No. 213,225. (CLASS 31. FILTERS & REFRIGERATORS.) CLIMAX ENGINEERING CO., Clinton, Iowa. Filed Apr. 24, 1925.

CLIMAX

Particular description of goods.—Mechanical Refrigerating Units and Compressors Therefor and Parts Thereof.
Claims use since Apr. 14, 1924.

Ser. No. 213,431. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) DISTANTONE RADIOS, INC., Lynbrook, N. Y. Filed Apr. 28, 1925.

Distantone Five

Particular description of goods.—Complete Radio Receiving Sets.
Claims use since Jan. 2, 1925.

Ser. No. 213,480. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill. Filed Apr. 29, 1925.

CHAMPION EXCELLO

Particular description of goods.—Billiard Cloth.
Claims use since Mar. 1, 1925.

Ser. No. 213,482. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill. Filed Apr. 29, 1925.

DURO

Particular description of goods.—Billiard Cloth.
Claims use since Mar. 1, 1925.

Ser. No. 213,499. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DANIEL W. GOODLING, doing business as The Keystone Hatchery, Richfield, Pa. Filed Apr. 29, 1925.



The descriptive word "Chick" and the representation of a chick being disclaimed apart from the mark shown.
Particular description of goods.—Live Chicks.
Claims use since 1910.

Ser. No. 215,334. (CLASS 38. PRINTS AND PUBLICATIONS.) EISNER-FRIEDMAN CO., INCORPORATED, New York, N. Y. Filed June 5, 1925.



The words "Specializing in window and store display advertising" are claimed only in association with the other features of the mark shown on the drawing.
Particular description of goods.—Lithographed and Printed Display Cards.
Claims use since May 1, 1922.

Ser. No. 215,478. (CLASS 37. PAPER AND STATIONERY.) THE PLEE-ZING CORPORATION, New York, N. Y., and Savannah, Ga. Filed June 8, 1925.

PLEE-ZING

Particular description of goods.—Pencil and Ink Writing Pads; Memorandums and Account Books; Diaries.
Claims use since February, 1925.

Ser. No. 215,659. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE JOHN STACK COAL COMPANY, Lorain, Ohio. Filed June 11, 1925.

GOLDEN STAR

Particular description of goods.—Coal.
Claims use since Feb. 24, 1925.

Ser. No. 215,777. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) J. H. & C. K. EAGLE, INC., by change of name, C. K. Eagle and Company, Inc., Shamokin, Pa., and New York, N. Y. Filed June 15, 1925.

CREOLE

The trade-mark consists of the word "Creole."
Particular description of goods.—Silk Textiles in the Piece.
Claims use since May 28, 1925.

Ser. No. 215,825. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) STAR CHEMICAL CO., Arlington, Tex. Filed June 15 1925.

STAR

Particular description of goods.—Parasite Remover, an Insect Remedy and Poultry Tonic.
Claims use since about Apr. 15, 1923.

Ser. No. 216,528. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed June 27, 1925.

SEA SPRAY

Particular description of goods.—Bath Soap.
Claims use since Dec. 14, 1923.

Ser. No. 216,684. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) LONDON BUTTON CO. INC., New York, N. Y. Filed June 30, 1925.

QUEEN

Particular description of goods.—Vegetable Ivory Buttons.
Claims use since Dec. 1, 1913.

Ser. No. 216,907. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DILLON R. HILL, Medford, Oreg. Filed July 6, 1925.

FOUR SQUARE PACK

Particular description of goods.—Fresh Apples and Fresh Pears.
Claims use since June 1, 1916.

Ser. No. 216,962. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE BAKER CASTOR OIL COMPANY, New York, N. Y. Filed July 7, 1925.

BAKER'S

CRYSTAL

Particular description of goods.—Castor Oil.
Claims use since November, 1923.

Ser. No. 217,147. (CLASS 39. CLOTHING.) EDWARD GOLDBURG, Eagle Pass, Tex. Filed July 10, 1925.



The lining appearing on the drawing is for shading only.
Particular description of goods.—Men's, Women's, and Children's Leather Shoes; Men's Hats, and Men's and Boys' Dress Shirts.
Claims use since Jan. 1, 1920.

Ser. No. 217,619. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WALTER H. HUTH, doing business as Walbert Manufacturing Co., Chicago, Ill. Filed July 20, 1925.

Penetrola

Particular description of goods.—Radio Receiving Apparatus and Adjuncts or Portions Thereof—Namely, Assembled Radio Receiving Sets and Parts Thereof, and Unassembled Receiving Sets or Kits, and Radiofrequency Amplifying Units; Boosters and Selective Tuners in Conjunction with Assembled Receiving Sets.
Claims use since June 2, 1925.

Ser. No. 217,951. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) CARL L. NORRIS, Seattle, Wash. Filed July 27, 1925.

VERTEX

Particular description of goods.—Dry Cleansers.
Claims use since June 15, 1924.

Ser. No. 218,033. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) JOSEPH ALBERT RIGNON, Paris, France. Filed July 24, 1925.

PLASTOGRAPHE

Particular description of goods.—Cinematographic Apparatus.
Claims use since Mar. 1, 1925.

Ser. No. 218,295. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HORACE R. DREW, doing business as Drew Orange and Fruit Company, Island Grove and Jacksonville, Fla. Filed Aug. 3, 1925.



Without waiving common-law and statutory rights the pictorial representation of an orange and an alligator, and the words "Drew Orange & Fruit Co., Island Grove, Fla., Citrus Products, Brand" are disclaimed apart from the mark shown.
Particular description of goods.—Fresh Oranges, Grapefruit, Tangerines, and Mandarins, and Preserved Fruits and Fruit Jellies and Marmalades.
Claims use since Mar. 1, 1925.

Ser. No. 218,485. (CLASS 39. CLOTHING.) HIGGINBOTHAM-BAILEY-LOGAN COMPANY, Dallas, Tex., and New York, N. Y. Filed Aug. 6, 1925.

Blue Bonnet

Particular description of goods.—Hosiery, and Shoes Constructed of Leather, Rubber or Fabric or of a Combination of These Materials.
Claims use since May 10, 1924.

Ser. No. 218,591. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) BARBER ADAMSON COMPANY, Boston, Mass. Filed Aug. 10, 1925.

STAR



Particular description of goods.—Cloth or Paper Backed Abrasives.
Claims use since 1875.

Ser. No. 218,695. (CLASS 37. PAPER AND STATIONERY.) FORT HOWARD PAPER COMPANY, Green Bay, Wis. Filed Aug. 11, 1925.

Facialin

The lining of drawing is for the purpose of shading only.
Particular description of goods.—Paper Fabric Adapted for Skin-Cleansing and Cosmetic-Removing Purposes.
Claims use since July 29, 1925.

Ser. No. 218,766. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KOFFMAN & BLUMENAU, Bay City, Mich. Filed Aug. 12, 1925.

OLD CABIN

Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since Jan. 5, 1925.

Ser. No. 219,160. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MANNO AMSTUTZ, doing business as Dox Manufacturing Company, Pandora, Ohio. Filed Aug. 21, 1925.

DOX

Particular description of goods.—Cough Remedies, a Relief for Coughs, Colds, Sore Throat, and Influenza.
Claims use since Sept. 1, 1918.

Ser. No. 219,291. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE LEHMANN-HIGGINSON GROCER COMPANY, Wichita, Kans. Filed Aug. 24, 1925.

LE-HI

Trade-mark consists of the word "Le-Hi."
Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Fish, Catchup, Vinegar, Mincemeat, Spices, Alimentary Pastes, and Breakfast Cereals.
Claims use since Aug. 1, 1918.

Ser. No. 219,317. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) UNITED STATES ASBESTOS COMPANY, Manheim, Pa. Filed Aug. 24, 1925.

BLACK & WHITE

Trade-mark consists of the words "Black and White."
Particular description of goods.—Fabric Transmission and Brake Linings, Facings, Packing, Gaskets, and Clutch Facings.
Claims use since Mar. 5, 1925.

Ser. No. 219,329. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EDWARD S. GOLDHILL, New York, N. Y. Filed Aug. 25, 1925.

TRANG

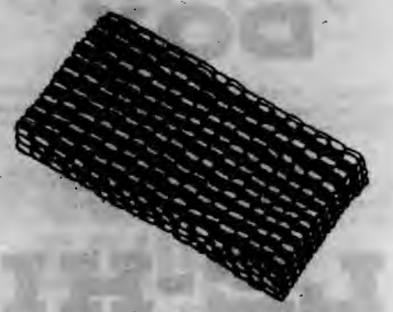
Particular description of goods.—Doughnuts.
Claims use since Aug. 12, 1925.

Ser. No. 219,415. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) WEST ELECTRIC HAIR CURLER CORPORATION, Philadelphia, Pa. Filed Aug. 26, 1925.

Conceala-Bob

Particular description of goods.—Switches and False Hair Pieces for Covering the Short Ends of Bobbed Hair, and Made Hair Pieces Adapted to be Worn Over Bobbed Hair to Give the Appearance of Long Hair.
Claims use since May 5, 1925.

Ser. No. 219,505. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) UNITED STATES ASBESTOS COMPANY, Manheim, Pa. Filed Aug. 28, 1925.



No claim is made herein to the representation of the goods shown in the drawing for the purpose of illustrating the application of the mark thereto or apart from the mark as shown and described. The mark consists of the arbitrarily-selected colors black and white woven into the goods to produce lines, dots, or other designs of the contrasting colors black and white.

Particular description of goods.—Fabric Transmission and Brake Linings and Facings, Packings, Gaskets, and Clutch Facings.

Claims use since Mar. 5, 1925.

Ser. No. 219,557. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) RADIALL COMPANY, New York, N. Y. Filed Aug. 29, 1925.

TUNE-RITE

No claim is made to the right to the exclusive use of the abbreviation "Pats. Pnd." nor to the right to the exclusive use of the representation of a dial apart from the mark as shown in the drawing.

Particular description of goods.—Radio Tuning Dials.

Claims use since May 25, 1925.

Ser. No. 219,830. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MICAMOLD RADIO CORP., Brooklyn, N. Y. Filed Sept. 4, 1925.

Micamold

Particular description of goods.—Grid Leaks and Condensers.

Claims use since Dec. 1, 1924.

Ser. No. 220,198. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MANDALL & CO., LTD., Newcastle-on-Tyne, England. Filed Sept. 12, 1925.

Licoricine

Particular description of goods.—Remedy for the Treatment of Coughs, Colds, and Other Pulmonary Ailments.

Claims use since Mar. 6, 1903.

Ser. No. 220,199. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MANDALL & CO., LIMITED, Newcastle-on-Tyne, England. Filed Sept. 12, 1925.



Particular description of goods.—Remedy for the Treatment of Coughs, Colds, and Other Pulmonary Ailments.

Claims use since July 27, 1911.

Ser. No. 220,300. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) EDGAR GARSON, Hollywood, Calif. Filed Sept. 16, 1925.

Glar-no

Particular description of goods.—Nonglare Attachment for Automobile Windshields.

Claims use since July 15, 1925.

Ser. No. 220,463. (CLASS 38. PRINTS AND PUBLICATIONS.) NED PINES, New York, N. Y. Filed Sept. 19, 1925.

College Life

Particular description of goods.—Bimonthly Publication.

Claims use since Sept. 1, 1925.

Ser. No. 220,556. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MILLER-ROSS CO., La Crosse, Wis. Filed Sept. 21, 1925.

BADGER

Particular description of goods.—Dressed Poultry, Eggs, and Creamery Butter.

Claims use since October, 1924.

Ser. No. 220,560. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MUTUAL ELECTRIC & MACHINE COMPANY, Detroit, Mich. Filed Sept. 21, 1925.

Fusenters

Particular description of goods.—Cut-Outs, Panel Boards, Switchboards, Electrical-Distributing Centers and Electrical Cabinets.

Claims use since Sept. 1, 1925.

Ser. No. 220,570. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GREEN B. PIERATT, Chicago, Ill. Filed Sept. 21, 1925.

ROSS
Scotch Bun

No claim is made to the surname "Ross" apart from the mark as shown in the drawing.

Particular description of goods.—Candy.

Claims use since Apr. 4, 1925.

Ser. No. 220,573. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE RELIABLE CHEMICAL PRODUCTS COMPANY, Cleveland, Ohio. Filed Sept. 21, 1925.

KASTONE

Particular description of goods.—Laundry Trays.

Claims use since April, 1925.

Ser. No. 220,698. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AMERICAN ARLESHEIM LABORATORIES INC., New York, N. Y. Filed Sept. 24, 1925.

Infludo

Particular description of goods.—Liquid Used in the Treatment of Influenza, Grippe, and Severe Colds.

Claims use since Oct. 30, 1924.

Ser. No. 220,769. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ENGBRETSON-GRUPE CO., Melo-land, Calif. Filed Sept. 25, 1925.

Strongheart

Particular description of goods.—Fresh Vegetables—Namely, Lettuce.

Claims use since December, 1924.

Ser. No. 220,861. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) OUT WEST MANUFACTURING CO., Denver, Colo. Filed Sept. 26, 1925.

Grip-It

The words "Trade-Mark" are disclaimed apart from the mark shown. The trade-mark comprises the words "Grip-It."

Particular description of goods.—Treated Dust Cloths, Neatsfoot Compound, Brake Dressing, Hand-Cleaning Compound, Enamel Cleaner, Dressing for Automobile Tops and Seats.

Claims use since Oct. 15, 1918.

Ser. No. 220,876. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) EMILS N. TROTTIER, North Adams, Mass. Filed Sept. 26, 1925.

TROT-MO MAIL SERVICE

The words "Mail Service" which appear on the drawing are disclaimed apart from the mark shown.

Particular description of goods.—Lace Curtains, Bedspreads; Blankets of Wool, Cotton, and Mixtures of the Same; and Bed Comforters.

Claims use since July 1, 1924.

Ser. No. 220,914. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ORPHOS CO., INC., New York, N. Y. Filed Sept. 28, 1925.

Orphos

Particular description of goods.—Tooth Paste.

Claims use since Sept. 3, 1925.

Ser. No. 220,990. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CARL K. BERGEN, Philadelphia, Pa. Filed Sept. 30, 1925.

TEETH TONIC OVALS

Without waiving any common-law rights, applicant herein makes no claim to the words "Teeth Tonic" apart from the mark shown.

Particular description of goods.—Lozenges to be Taken in the Mouth for Purifying and Preserving the Teeth and Sweetening the Breath and Aiding in the Digestion of Food.

Claims use since Sept. 19, 1925.

Ser. No. 221,128. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) JEAN MARTINAT, doing business as Les Parfumes des Courtisanes, New York, N. Y. Filed Oct. 2, 1925.



Particular description of goods.—Compounds for Cleaning the Hands and the Like; Shaving Soap in Cream, Stick, and Powder Form; Outfit Packages Containing Soap and Towel; Soap Powder for Bathing, Washing, and Cleaning Purposes; Laundry Soaps, Soap Flakes, Hand Soap, Toilet Soap, Soap Paste, Washing Tablets, and Shampoo Soaps.

Claims use since July 30, 1925.

Ser. No. 221,130. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) JEAN MARTINAT, doing business as Les Parfumes des Courtisanes, New York, N. Y. Filed Oct. 2, 1925.



Particular description of goods.—Compounds for Cleaning the Hands and the Like; Shaving Soap in Cream, Stick, and Powder Form; Outfit Packages Containing Soap and Towel; Soap Powder for Bathing, Washing, and Cleaning Purposes; Laundry Soaps, Soap Flakes, Hand Soap, Toilet Soap, Soap Paste, Washing Tablets, and Shampoo Soaps.

Claims use since July 30, 1925.

Ser. No. 221,230. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) NATHAN BERR, doing business as Nab Mfg. Co., New York, N. Y. Filed Oct. 5, 1925.



The words "Nabs Dirt, Hand Cream, Sweeping Mixture, Silver Cream, Aluminum Cream," and "Mfg. Co." are disclaimed apart from the mark shown.

Particular description of goods.—Sweeping Mixture, Silver-Polishing Cream, and Aluminum-Polishing Cream.

Claims use since July 15, 1925.

Ser. No. 221,265. (CLASS 38. PRINTS AND PUBLICATIONS.) MASTER PLASTERERS ASSOCIATION OF SAN FRANCISCO, San Francisco, Calif. Filed Oct. 5, 1925.

THE PLASTERING ART
MASTER PLASTERERS ASSOCIATION OF SAN FRANCISCO
A PACIFIC COAST PUBLICATION

All words except the words "The Plastering Art" are disclaimed apart from the mark shown in the drawing. Trade-mark "The Plastering Art."

Particular description of goods.—Periodical.

Claims use since July 28, 1925.

Ser. No. 221,268. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MID-MOUNTAIN FRUIT CO., INC., Bentonville, Ark. Filed Oct. 5, 1925.

Mid-Mountain

Particular description of goods.—Canned Fruits and Vegetables, Catchup, Canned Apple Butter, Canned Tomato Puree, and Fresh Deciduous Fruits.

Claims use since on or before Aug. 17, 1925.

Ser. No. 221,323. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PATTIE PARK LEE, Kansas City, Mo. Filed Oct. 6, 1925.

Pattie

Particular description of goods.—Complexion Cream, Massage Cream, Combination Cream, Tan and Freckle Cream, Analgesic, Astringent Lotion, Bleaching Powder, Dressing Cream, Shampoo Preparation, Scalp Emulsion, Hair Tonics, Scalp Oil, Brilliantine, Anticonstipation Tablets, Iodine Tonic, Bath Salts, Body Cream, Cuticle Salve or Pomade, Liquid-Cream Powder Base, and Acne Cream.

Claims use since Feb. 20, 1905.

Ser. No. 221,348. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BROWN COMPANY, Portland, Me., and Berlin, N. H. Filed Oct. 7, 1925.

WHITE MOUNTAIN

Particular description of goods.—Liquid Chlorine, Sulphur Chloride, Carbon Bisulphide, Chloroform, Calcium Arsenate, Carbon Tetrachloride, Lignine, Para-Cymene.

Claims use since on or about Jan. 1, 1914.

Ser. No. 221,449. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) W. H. POLLARD, Memphis, Tenn. Filed Oct. 8, 1925.

MY CHOICE

Particular description of goods.—Canned Fruits and Canned Vegetables; Canned, Condensed, and Evaporated Milk; Canned Fish, Coffee, and Condiments—Namely, Catchup, Chili Sauce, Prepared Mustard, Mayonnaise, and Salad Dressing.
Claims use since Aug. 18, 1925.

Ser. No. 221,500. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NIPPON DRY GOODS COMPANY, San Francisco, Calif. Filed Oct. 9, 1925.



Particular description of goods.—Soda Ash, Caustic Soda, Bicarbonate of Soda, Sulphur, Sugar of Milk, Carbon Black, and Bleaching Powder.
Claims use since Sept. 21, 1925.

Ser. No. 221,600. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) D M O GUM MACHINE COMPANY, Los Angeles, Calif. Filed Oct. 12, 1925.



The words "Gum, 1st. Cent. 1 Ball, 2nd Cent. 2 Balls, 3rd Cent. 3 Balls" are disclaimed apart from the mark shown.
Particular description of goods.—Chewing Gum.
Claims use since Feb. 3, 1925.

Ser. No. 221,816. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) ISIDOR GOLDBERG, doing business as National Garter Co., New York, N. Y. Filed Oct. 16, 1925.

GOLD SEAL

Particular description of goods.—Sanitary Aprons and Sanitary Elastic Belts.
Claims use since Mar. 9, 1925.

Ser. No. 221,856. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) SOUTHLAND BATTERY COMPANY, Washington, D. C. Filed Oct. 16, 1925.

Southland BATTERY Co

Particular description of goods.—Batteries and Their Accessories—Namely, Terminals, Leads, Grids, Separators, Battery Chargers, and Battery Boxes.
Claims use since May 1, 1923.

Ser. No. 221,889. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MORRIS FAVISH, doing business as Bronze Metal Works, Chicago, Ill. Filed Oct. 17, 1925.

ARTIQUE

Particular description of goods.—Electrical Lamps.
Claims use since February, 1924.

Ser. No. 221,892. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DOMINGO M. GILORMINI, Guayama, Porto Rico. Filed Oct. 17, 1925.

IDEAL

Particular description of goods.—Bay Oil and Bay Rum.
Claims use since about 1916.

Ser. No. 221,905. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE MICHIGAN DRUG CO., Detroit, Mich. Filed Oct. 17, 1925. Under ten-year proviso.

Dr. J. W. KERMOTT'S

Particular description of goods.—Nerve and Kidney Pills, Liniment, and Compound Extract for Stomach and Bowel Diseases.
Claims use since about Jan. 1, 1893.

Ser. No. 222,011. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CONNER & WALTERS COMPANY, INC., Charlotte, N. C. Filed Oct. 20, 1925.



Exclusive use of the words "Dandruff Destroyer" is not claimed apart from the mark shown.
Particular description of goods.—Hairdressing and Medicine for Treating Diseases of the Scalp.
Claims use since Aug. 22, 1925.

Ser. No. 222,126. (CLASS 38. PRINTS AND PUBLICATIONS.) KIRK LETTER COMPANY, Chicago, Ill. Filed Oct. 22, 1925.



No claim is made to the word "Publicity" apart from the mark as shown on the drawing.
Particular description of goods.—Printed Advertising Matter, Sold to the Trade as Such—Namely, Form Letters, Booklets, Folders, Broadsides, and Leaflets.
Claims use since May, 1912.

Ser. No. 222,193. (CLASS 38. PRINTS AND PUBLICATIONS.) JOHN RUDIN & COMPANY, INC., Chicago, Ill. Filed Oct. 23, 1925.

THE BOOK OF LIFE

Particular description of goods.—Printed Books Published from Time to Time.
Claims use since Nov. 2, 1923.

Ser. No. 222,311. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) COLGATE & COMPANY, Jersey City, N. J. Filed Oct. 26, 1925.



Applicant disclaims the words "New York, U. S. A."
Particular description of goods.—Talc Powder, Perfumes, Toilet Water, Face Powder.
Claims use since Apr. 16, 1907.

Ser. No. 222,312. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) COLGATE & COMPANY, Jersey City, N. J. Filed Oct. 26, 1925.



Applicant disclaims the representation of the carton and the wording thereon with the exception of "Colgates's, Colgate & Co.," and "Ribbon."

Particular description of goods.—Dental Cream.

Claims use since July 1, 1923.

Ser. No. 222,368. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CALIFORNIA REX SPRAY CO., Sacramento and Benicia, Calif. Filed Oct. 27, 1925.

SUMEROL

Particular description of goods.—Insecticide.

Claims use since Aug. 1, 1925.

Ser. No. 222,369. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CALIFORNIA REX SPRAY CO., Sacramento and Benicia, Calif. Filed Oct. 27, 1925.

BORCO

Particular description of goods.—Fungicide.

Claims use since August, 1923.

Ser. No. 222,431. (CLASS 37. PAPER AND STATIONERY.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 28, 1925.

BAKELITE

Particular description of goods.—Fountain Pens, Pen Barrels, Penholders, Pencils, Letter Openers, Paper Weights, Inkstands, Loose-Leaf Binders, Rubber-Stamp Handles, Calendar Stands, and Paper Cutters.

Claims use since June 12, 1914.

Ser. No. 222,580. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) HENRY HURD RUBBY, New York, N. Y. Filed Oct. 30, 1925.

WARANNA

Particular description of goods.—A Nonalcoholic, Maltless Beverage Sold as a Soft Drink.

Claims use since Oct. 5, 1925.

Ser. No. 222,621. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) MACLEAN DRUG COMPANY, Chicago, Ill. Filed Oct. 31, 1925.

BIJOU

Particular description of goods.—Dry Cleaner.

Claims use since about 1914.

Ser. No. 222,677. (CLASS 31. FILTERS AND REFRIGERATORS.) OSCAR HENNINGS, doing business as Buhring Water Purifying Co., New York, N. Y. Filed Nov. 2, 1925. Under ten-year proviso.

BUHRING

Trade-mark consists of the word "Buhring."

Particular description of goods.—Water Purifiers of the Carbon Block and Charcoal Type.

Claims use since about Juue 1, 1891.

Ser. No. 222,737. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) JAMES R. FISK, El Paso, Tex. Filed Nov. 3, 1925.

INFERNO

Particular description of goods.—A Front Wall Attachment for Wood-Burning Fireplaces and Grates for Wood and Coal Burning Stoves and Furnaces.

Claims use since Mar. 20, 1925.

Ser. No. 222,820. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BRIGHT STAR BATTERY CO., Hoboken, N. J. Filed Nov. 5, 1925.



No claim being made to the words "Radio Battery 22½ Volts" and the "Bright Star Battery Co."

Particular description of goods.—Electric Batteries—viz, A and B Batteries.

Claims use since Oct. 25, 1924.

Ser. No. 222,862. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) B. H. MULL, Philipsburg, Pa. Filed Nov. 5, 1925.

"IMPERIAL"

Particular description of goods.—Coal.

Claims use since September, 1900.

Ser. No. 222,986. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROBERT L. LINK, Asheville, N. C. Filed Nov. 7, 1925.

WINE



The descriptive words "Wine Sandwich" are disclaimed apart from the mark shown on drawing. The lining of drawing denotes shading only rather than color.

Particular description of goods.—Confectionery Sandwiches Each Consisting of Two Wine Cakes With Jelly and Marshmallow Topping Placed Between and Iced Around the Edges.

Claims use since Sept. 1, 1924.

Ser. No. 223,044. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) JAMES S. KIRK & COMPANY, Chicago, Ill. Filed Nov. 9, 1925.

CRY and SMILE

Particular description of goods.—Soap.

Claims use since Oct. 7, 1925.

Ser. No. 223,071. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) T. D. ALLEN, doing business as Microzone Chemical Co., Fresno, Calif. Filed Nov. 10, 1925.

Microzone

Particular description of goods.—Disinfectants.

Claims use since Oct. 1, 1925.

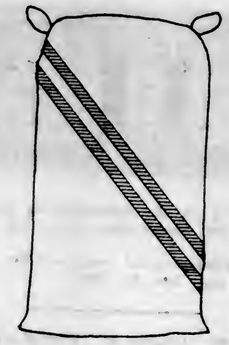
Ser. No. 223,155. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ACME APPARATUS COMPANY, Cambridge, Mass. Filed Nov. 12, 1925.

ACME

Particular description of goods.—B Power Supply Units, B Battery Eliminators, Vacuum-Tube Rectifiers, and Filters for B Battery Eliminators.

Claims use since Sept. 1, 1925.

Ser. No. 223,163. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLESTON MILLING & PRODUCE COMPANY, Charleston-Kanawha, W. Va. Filed Nov. 12, 1925.



The trade-mark consists of a pair of diagonal blue bars or bands extending over the face of the label or container.

Particular description of goods.—Feed for Livestock Including Horses, Mules, Cows, Poultry, Etc.

Claims use since July 25, 1925.

Ser. No. 223,277. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) BEST & CO., INC., New York, N. Y. Filed Nov. 14, 1925. Under section 5b of the act of 1905 as amended in 1920.

Best & Co.

Particular description of goods.—Jewelry for Personal Wear, Not Including Watches; Silver Dresser Sets, and Silver Tableware.

Claims use on jewelry since 1916, on silver dresser sets and silver tableware since 1919.

Ser. No. 223,323. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) PERFECT FIT MANUFACTURING CO., Portland, Oreg. Filed Nov. 14, 1925.

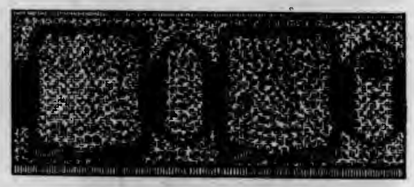


The name "Perfect Fit Manufacturing Co." is disclaimed apart from the mark shown.

Particular description of goods.—Automobile Tops and Side Curtains.

Claims use since Feb. 1, 1924.

Ser. No. 223,338. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SCHREIBER PRODUCTS CORPORATION, Buffalo, N. Y. Filed Nov. 14, 1925.

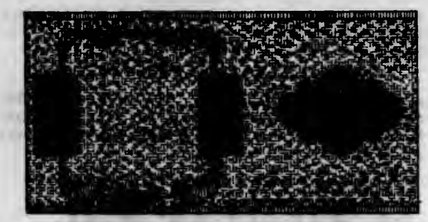


Cross-hatching of the accompanying drawing represents scrolls, and border lines of red on a yellow and black ground.

Particular description of goods.—Coffee

Claims use since Dec. 18, 1923.

Ser. No. 223,339. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SCHREIBER PRODUCTS CORPORATION, Buffalo, N. Y. Filed Nov. 14, 1925.



The cross-hatching of the accompanying drawings represents scrolls, and border lines of red on a yellow and black ground.

Particular description of goods.—Coffee

Claims use since Dec. 18, 1923.

Ser. No. 223,374. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GIOVANNI DEL PRETE, Brooklyn, N. Y. Filed Nov. 16, 1925.

DEL PRETE



No claim is made to the use of the name "Del Prete" apart from the mark shown.

Particular description of goods.—Olive Oil.

Claims use since Mar. 7, 1925.

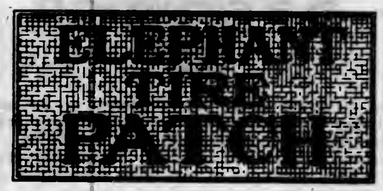
Ser. No. 223,376. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ELECTRICAL RESEARCH LABORATORIES, INC., Chicago, Ill. Filed Nov. 16, 1925.

MUSICAIRE

Particular description of goods.—Radio Receiving Sets, Loud Speakers and Reproducing Units, Transformers, Tuning Units, Plugs, Aerial Equipment, Variable Condensers, Jacks, Dials, and Sockets.

Claims use since Oct. 1, 1925.

Ser. No. 223,401. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) OUT WEST MANUFACTURING CO., Denver, Colo. Filed Nov. 16, 1925.



The lining shown on the drawing designates the colors red and yellow according to the official color chart. The words "Tire Patch" are disclaimed apart from the mark as shown.

Particular description of goods.—Rubber Tire Patches, Inner-Tube Patches, Portable Tire-Repair Outfits, and Tire Plasters.

Claims use since Oct. 15, 1918.

Ser. No. 223,415. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WALTER BLAIR RODDENBERY, Cairo, Ga. Filed Nov. 16, 1925.

Happy Kids

Particular description of goods.—Sorghum Sirup Blended With Corn Sirup.

Claims use since Oct. 3, 1924.

Ser. No. 223,477. (CLASS 38. PRINTS AND PUBLICATIONS.) MAXSON FOXHALL JUDELL, New York, N. Y. Filed Nov. 18, 1925.

WHEN BLACK IS READ

Particular description of goods.—Columns in Newspapers.

Claims use since Oct. 24, 1925.

Ser. No. 223,478. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE KANSAS FLOUR MILLS COMPANY, Wichita, Kans., and Alva, Okla. Filed Nov. 18, 1925.



Particular description of goods.—Wheat Flour.

Claims use since Jan. 1, 1901.

Ser. No. 223,492. (CLASS 39. CLOTHING.) F. R. TRIPLER & CO., INC., New York, N. Y. Filed Nov. 18, 1925.

YORK STREET

Trade-mark "York Street."

Particular description of goods.—Felt Hats for Men and Young Men.

Claims use since July, 1923.

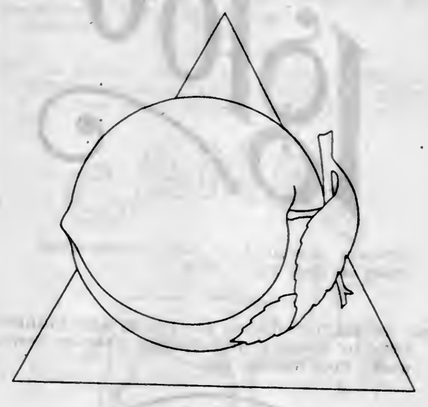
Ser. No. 223,503. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CONRAD ALLEN RADIO COMPANY, Garden City, Kans. Filed Nov. 19, 1925.

AL-ARD

Particular description of goods.—Radio Receiving Sets.

Claims use since July 25, 1925.

Ser. No. 223,530. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LIBBY, MCNEILL & LIBBY, Chicago, Ill. Filed Nov. 19, 1925.



Particular description of goods.—Canned Peaches.

Claims use since 1907.

Ser. No. 223,542. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) PARAGON PHONO PARTS MANUFACTURING CO. INC., Newark, N. J. Filed Nov. 19, 1925.

GOOD LUCK PRODUCTS

The applicant disclaims the word "Products" as part of the trade-mark to be registered.

Particular description of goods.—Motors, Turntables, Tone Arms, Reproducers, and Parts Thereof for Phonographs.

Claims use since Nov. 1, 1922.

Ser. No. 223,689. (CLASS 31. FILTERS AND REFRIGERATORS.) LLOYD G. COPEMAN, Flint, Mich. Filed Nov. 23, 1925.

19100

Particular description of goods.—Refrigerators.
Claims use since May 1, 1924.

Ser. No. 223,713. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) H. S. GROAT & COMPANY, Seattle, Wash. Filed Nov. 23, 1925.

CIRCLE "G"

Particular description of goods.—Fresh Apples.
Claims use since Oct. 21, 1924.

Ser. No. 223,748. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOUTHWESTERN COCA COLA BOTTLING CO., Phoenix, Ariz. Filed Nov. 23, 1925.

OLD MONK

Particular description of goods.—Jelly and Sirup for Making the Same.
Claims use since Nov. 1, 1923.

Ser. No. 223,750. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STONE-ORDEAN-WELLS COMPANY, Duluth, Minn. Filed Nov. 23, 1925.

O! BOY!

Particular description of goods.—Peanut Butter.
Claims use since July 31, 1925.

Ser. No. 223,758. (CLASS 38. PRINTS AND PUBLICATIONS.) AMERICAN FARMING PUBLISHING COMPANY, Chicago, Ill. Filed Nov. 24, 1925.

Agricultural Leaders' Digest

Particular description of goods.—Quarterly Magazines.
Claims use since Nov. 12, 1925.

Ser. No. 223,778. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) E. FLEMING & Co., Cambridge, Mass. Filed Nov. 24, 1925.

THE TALKING BOOK

Particular description of goods.—Radio Receiving Sets.
Claims use since Nov. 14, 1925.

Ser. No. 223,785. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ICHTHYOLITIC PRODUCTS CORPORATION OF AMERICA, New York, N. Y. Filed Nov. 24, 1925.

ICHTO-SEPT

Particular description of goods.—Soluble Sulphonated Hydrocarbon.
Claims use since Nov. 10, 1925.

Ser. No. 223,786. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ICHTHYOLITIC PRODUCTS CORPORATION OF AMERICA, New York, N. Y. Filed Nov. 24, 1925.

ICHTO-PHEN

Particular description of goods.—Soluble Sulphonated Hydrocarbon.
Claims use since Nov. 10, 1925.

Ser. No. 223,787. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ICHTHYOLITIC PRODUCTS CORPORATION OF AMERICA, New York, N. Y. Filed Nov. 24, 1925.

ICHTO-SUL

Particular description of goods.—Soluble Sulphonated Hydrocarbon Preparation.
Claims use since Nov. 10, 1925.

Ser. No. 223,798. (CLASS 12. CONSTRUCTION MATERIALS.) NORTHERN CORRUGATING COMPANY, Green Bay, Wis. Filed Nov. 24, 1925.

RHINO

Particular description of goods.—Prepared Roofing.
Claims use since Jan. 1, 1922.

Ser. No. 223,823. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) JOHN TRAGESER STEAM COPPER WORKS, New York, N. Y. Filed Nov. 24, 1925.

TROPIC

Particular description of goods.—Hot-Water Boilers.
Claims use since Sept. 25, 1925.

Ser. No. 223,860. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NATIONAL ICE CREAM COMPANY, Louisville, Ky. Filed Nov. 25, 1925.

FROOTINUT

Particular description of goods.—Ice Cream.
Claims use since Nov. 12, 1925.

Ser. No. 223,896. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE BASSICK MANUFACTURING COMPANY, Chicago, Ill. Filed Nov. 27, 1925.

ALEMITE

Particular description of goods.—Covers for the Springs of Automotive Vehicles and for the Parts of Such Covers.
Claims use since May, 1918.

Ser. No. 223,897. (CLASS 45. BEVERAGES, NONALCOHOLIC.) BUFFALO PRODUCTS CO., INC., Buffalo, N. Y. Filed Nov. 27, 1925.

A WET SPOT IN A DRY COUNTRY

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks.
Claims use since Nov. 19, 1925.

Ser. No. 223,903. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) H. B. EGAN & Co., Muskogee, Okla. Filed Nov. 27, 1925.

CAMEL



The lining illustrated in connection with the word "Camel" is indicative of red.
Particular description of goods.—Pneumatic-Tire Inner-Tube Patches.
Claims use since Nov. 14, 1925.

Ser. No. 223,917. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) MRS. ALBERTA V. HARVEY, Galveston, Tex. Filed Nov. 27, 1925

Wee Ann

Particular description of goods.—Doll Clothes.
Claims use since Sept. 27, 1923.

Ser. No. 223,941. (CLASS 12. CONSTRUCTION MATERIALS.) THE PRESSTITE ENGINEERING COMPANY, St. Louis, Mo. Filed Nov. 27, 1925.

PRESSTITE

Particular description of goods.—A Pipe-Jointing Element for Connecting Sewer Pipe.
Claims use since May 20, 1925.

Ser. No. 223,950. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE WALTER LEWIS COMPANY, Trenton, N. J. Filed Nov. 27, 1925.

MANARFERRIN
LEWIS

No claim is made to the word "Lewis" apart from the mark shown on the drawing.
Particular description of goods.—Tonic Elixir of Iron.
Claims use since July 11, 1925.

Ser. No. 223,987. (CLASS 27. HOROLOGICAL INSTRUMENTS.) ASEHA, Geneva, Switzerland. Filed Nov. 30, 1925.

ASEHA

Particular description of goods.—Watches, Watch Movements, Clocks.
Claims use since July 29, 1925.

Ser. No. 223,988. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) ASHAWAY LINE & TWINE MANUFACTURING COMPANY, Ashaway, R. I. Filed Nov. 30, 1925.

ZANE GREY

The name "Zane Grey" is the name of the author of various novels; permission granted.
Particular description of goods.—Fishing Line.
Claims use since Oct. 27, 1925.

Ser. No. 223,989. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) ASHAWAY LINE & TWINE MANUFACTURING COMPANY, Ashaway, R. I. Filed Nov. 30, 1925.

Zane Grey

The name "Zane Grey" is a facsimile of the signature of the novelist and permission for the use thereof has been granted.
Particular description of goods.—Fishing Line.
Claims use since Oct. 27, 1925.

Ser. No. 223,996. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) GEO. BORGFELDT & Co., New York, N. Y. Filed Nov. 30, 1925.

JACKIE COOGAN

Particular description of goods.—Toy Figures.
Claims use since Sept. 25, 1925.

Ser. No. 224,019. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BECKMAN BOYD GREEN, Courtland, Calif. Filed Nov. 30, 1925.

COURT

Particular description of goods.—Fresh Decidious Fruit—Namely, Pears.
Claims use since July 1, 1925.

Ser. No. 224,055. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARY P. SCHMIDT, Indianapolis, Ind. Filed Nov. 30, 1925.

CARBOLINE

Particular description of goods.—A Healing Ointment.
Claims use since July 1, 1910.

Ser. No. 224,060. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) H. E. STOREY, doing business as Storey Laboratories, Houston, Tex. Filed Nov. 30, 1925.

STOREY'S LABORATORIES ★ HOUSTON TEXAS ★ R

Applicant disclaims the right to the exclusive use of the words "Storey's Laboratories," the symbol "R," and "Houston, Texas," apart from the combination and arrangement shown in the drawing.
Particular description of goods.—Medicine to be Used as a Nerve Tonic, a General Alterative, Blood and Skin Tonic, Put Up in Liquid and Tablet Form for Internal Use.
Claims use since Dec. 1, 1924.

Ser. No. 224,062. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VAN CAMP SEA FOOD CO., Fish Harbor, East San Pedro, Calif. Filed Nov. 30, 1925.

TIN-APA

Particular description of goods.—Canned, Smoked, and Kippered Fish.
Claims use since Oct. 19, 1925.

Ser. No. 224,074. (CLASS 38. PRINTS AND PUBLICATIONS.) THE BELL SYNDICATE, INC., New York, N. Y Filed Dec. 2, 1925.

BOUND TO WIN

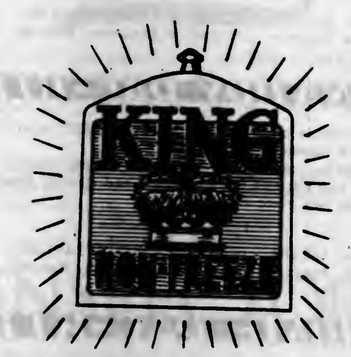
Particular description of goods.—Series of Cartoons.
Claims use since Nov. 2, 1925.

Ser. No. 224,104. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NEW IBERIA CANNING COMPANY, INC., New Iberia, La. Filed Dec. 2, 1925.

HI-LO

Particular description of goods.—Syrup for Food Purposes.
Claims use since Jan. 2, 1925.

Ser. No. 224,129. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE ARCTIC CHEMICAL CO., Canton, Ohio. Filed Dec. 1, 1925.



No claim is made to the word "Non-Freeze" apart from the mark as shown.
Particular description of goods.—A nonfreezing mixture to be used in the radiators of automobiles.
Claims use since Mar. 1, 1923.

Ser. No. 224,179. (CLASS 2. RECEPTACLES.) CROWN WILLAMETTE PAPER COMPANY, San Francisco, Calif. Filed Dec. 3, 1925.



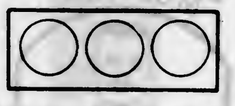
Particular description of goods.—Paper Bags.
Claims use since Jan. 5, 1925.

Ser. No. 224,189. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WILLIAM WESLEY HICKS, San Francisco, Calif. Filed Dec. 3, 1925.

"Sansco"

Particular description of goods.—Electric Water Heater, Including Circulation, Immersion, and Special Types; Electric Air Heaters, Including Radiant, Radiant Convection, Convection Floor, Wall, and Portable Type Heaters; Electric Heating Units for Grills, Electric Hot Plates, Electric Steam Boilers, Electric Switches, and Thermostatically-Operated Electric-Switch Controls.
Claims use since Aug. 1, 1925.

Ser. No. 224,212. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) UDDEHOLMS AKTIEBOLAG, Uddeholm, Sweden. Filed Dec. 3, 1925.



Particular description of goods.—Pig Iron, Iron, and Steel.
Claims use since 1842.

Ser. No. 224,213. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) UDDEHOLMS AKTIEBOLAG, Uddeholm, Sweden. Filed Dec. 3, 1925.

SB

Particular description of goods.—Bar Iron, Iron, and Bessemer Iron.
Claims use since 1842.

Ser. No. 224,214. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) UDDEHOLMS AKTIEBOLAG, Uddeholm, Sweden. Filed Dec. 3, 1925.

UB

Particular description of goods.—Iron and Steel.
Claims use since 1894.

Ser. No. 224,220. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) VALENTINE & COMPANY, New York, N. Y. Filed Dec. 3, 1925.

Nitro-VALSPAR GUNGLAZE

Particular description of goods.—Paste Paint or Surfacing Material.
Claims use since February, 1925.

Ser. No. 224,222. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) WOLVERINE BRASS WORKS, Grand Rapids, Mich. Filed Dec. 3, 1925.

Simplex

Particular description of goods.—Basin Connections.
Claims use since Jan. 1, 1913.

Ser. No. 224,228. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANDY BENEDICT & SONS, Struthers, Ohio. Filed Dec. 4, 1925.

"MGLORIA"



Andy Benedict

The portrait is that of Andy Benedict, a member of the applicant firm.
Particular description of goods.—Medicine for Rheumatism, Toothache, Headache, Lumbago, Stiff Joints, Sore Feet, Sprained Ankles, Etc.
Claims use since Oct. 26, 1925.

Ser. No. 224,244. (CLASS 2. RECEPTACLES.) HARRISBURG PIPE & PIPE BENDING CO., Harrisburg, Pa. Filed Dec. 4, 1925.



Particular description of goods.—Steel Receivers for Compressed Gases and Parts Therefor.
Claims use since May 15, 1925.

Ser. No. 224,267. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE VAN LANDINGHAM CO., Los Angeles, Calif. Filed Dec. 4, 1925.

SEA CREST

Particular description of goods.—Canned Sardines.
Claims use since Feb. 1, 1917.

Ser. No. 224,270. (CLASS 10. FERTILIZERS.) THE AMERICAN HUMUS COMPANY, Cleveland, Ohio. Filed Dec. 5, 1925.

FERTILUVIA

Particular description of goods.—Humus or Decayed Vegetable Matter.
Claims use since Mar. 24, 1925.

Ser. No. 224,285. (CLASS 2. RECEPTACLES.) MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis. Filed Dec. 5, 1925.

SNAPPY PAC-KIT

No claim is made for the word "Pac-Kit" apart from the mark shown in the drawing.
Particular description of goods.—Empty Paper Containers and Cartons for Ice Cream and Similar Products.
Claims use since Sept. 25, 1925.

Ser. No. 224,286. (CLASS 2. RECEPTACLES.) MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis. Filed Dec. 5, 1925.

HOME PAC-KIT

No claim is made for the word "Pac-Kit" apart from the mark shown in the drawing.
Particular description of goods.—Empty Paper Containers and Cartons for Ice Cream and Similar Products.
Claims use since Sept. 25, 1925.

Ser. No. 224,333. (CLASS 12. CONSTRUCTION MATERIALS.) THE HYJO CO. (NOT INC.), Springfield, Ill. Filed Dec. 7, 1925.

HYJO

Particular description of goods.—Flexible Roofing in Rolls and Flexible Shingles Made from said Flexible Roofing in Rolls, Said Roofing Consisting of Felt or Other Flexible Fabric Treated with Asphalt and Coated with Crushed Slate or Asbestos or Other Protective Material.
Claims use since July 15, 1925.

Ser. No. 224,341. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) LOUIS LINNEAUS MARTIN, Toronto, Ontario, Canada. Filed Dec. 7, 1926.

BUBBLE

Particular description of goods.—Toy Play Balls Made of Celluloid.
Claims use since July 23, 1925.

Ser. No. 224,362. (CLASS 39. CLOTHING.) WILLIAM ROSENSTEIN & Co., doing business as Weltan Shoe Co., Baltimore, Md. Filed Dec. 7, 1925.

Weltan

Particular description of goods.—Ladies', Men's, and Children's Shoes Made of Leather, Fabric, Rubber, or Combinations of Each.
Claims use since Jan. 7, 1925.

Ser. No. 224,375. (CLASS 38. PRINTS AND PUBLICATIONS.) MARK C. COHN, San Francisco, Calif. Filed Dec. 8, 1925.

THE INSPECTOR

Particular description of goods.—Monthly Magazines.
Claims use since on or about May 1, 1925.

Ser. No. 224,379. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ROSE MARY FRISCHE, doing business as Mme. Frische, Columbus, Ohio. Filed Dec. 8, 1925.



"Two Friends"

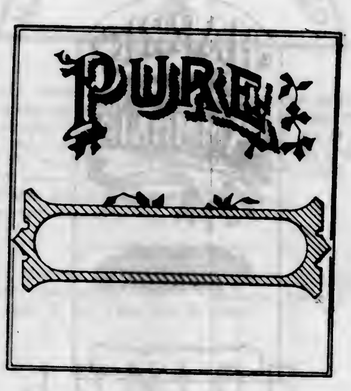
The representation of the individuals in the picture is merely fanciful.
Particular description of goods.—Foot Lotion for the Treatment of Corns and Calli.
Claims use since Nov. 14, 1925.

Ser. No. 224,384. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925.



The words "Harris' White Pine & Tar Cough Syrup" are disclaimed apart from the mark as shown on the drawing. The lining is for shading only.
Particular description of goods.—Cough Sirup.
Claims use since 1906.

Ser. No. 224,393. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



Particular description of goods.—Spirits of Camphor.
Claims use since 1889.

Ser. No. 224,399. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



The lining shown is for shading only. Applicant disclaims the right to the exclusive use of a label colored blue.

Particular description of goods.—Ammonia.

Claims use since 1889.

Ser. No. 224,400. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



The lining shown on the drawing is for shading only.

Particular description of goods.—Ammonia.

Claims use since 1889.

Ser. No. 224,401. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925.



The lining on the drawing is for shading only. The word "Ammonia" is disclaimed apart from the mark shown on the drawing.

Particular description of goods.—Ammonia.

Claims use since 1889.

Ser. No. 224,403. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



The lining of trade-mark drawing is for shading only.

Particular description of goods.—Ammonia.

Claims use since 1889.

Ser. No. 224,404. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



The lining of trade-mark drawing is for shading only.

Particular description of goods.—Bluing.

Claims use since 1889.

Ser. No. 224,405. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



The lining of trade-mark drawing is for shading only.

Particular description of goods.—Bluing.

Claims use since 1889.

Ser. No. 224,411. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) SAMUEL LEWIS, New York, N. Y. Filed Dec. 8, 1925.

LUXOR

Particular description of goods.—Treated Metal-Polishing Cloth.

Claims use since July 1, 1925.

Ser. No. 224,414. (CLASS 39. CLOTHING.) MARTIN DEUTSCH CO. INC., New York, N. Y. Filed Dec. 8, 1925.

Mardé

Particular description of goods.—Ladies' Hats.

Claims use since Nov. 1, 1925.

Ser. No. 224,416. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MOORE MILLS, INC., Cowpens, S. C. Filed Dec. 8, 1925.

IDEALITE

Particular description of goods.—Bedspreads.

Claim use since Sept. 1, 1925.

Ser. No. 224,436. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) NATHAN STRAUS & SONS, INC., New York, N. Y. Filed Dec. 8, 1925.



Without waiver of common-law rights and solely for the purpose of trade-mark registration in the United States Patent Office in accordance with the Act of 1905, as amended, applicant disclaims the right to the exclusive use of the words "Nathan Straus Vitrified" apart from the mark shown in the drawing.

Particular description of goods.—Crockery.

Claims use since Sept. 25, 1925.

Ser. No. 224,457. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) HARDMAN, PECK & CO., New York, N. Y. Filed Dec. 9, 1925.

JUNIOR

Particular description of goods.—Pianos, Player Pianos and Reproducing Pianos.

Claims use since Dec. 1, 1925.

Ser. No. 224,477. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LULU E. SCHENCK, doing business as Mrs. A. L. Schenck, Los Angeles, Calif. Filed Dec. 9, 1925.



The lining on the drawing is for the purpose of shading only.

Particular description of goods.—Salad Dressing.
Claims use since Oct. 28, 1925.

Ser. No. 224,482. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) TOCH BROTHERS, INCORPORATED, New York, N. Y. Filed Dec. 9, 1925.

Tox-Tone

Particular description of goods.—Ready-Mixed Paints and Paint Enamels.
Claims use since Nov. 17, 1925.

Ser. No. 224,496. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BETTY WALES INC., New York, N. Y. Filed Dec. 10, 1925.

Betty Wales

The script words "Betty Wales" are the signature adopted by the author who created the fictitious character known as "Betty Wales" for a series of books bearing that name.

Particular description of goods.—Perfumes, Toilet Waters, Face Powders, Face Creams, Face Lotions, Rouges, Lip Sticks, and Eyebrow Pencils.
Claims use since about 1921.

Ser. No. 224,505. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) ELLIOT, GREENE & CO. INC., New York, N. Y. Filed Dec. 10, 1925.

Marjorie

Particular description of goods.—Precious Stones, Necklaces, Pearls, Beaded Bags Mounted in Precious Metals, and Jewelry for Personal Wear, not Including Watches.
Claims use since May 1, 1925.

Ser. No. 224,524. (CLASS 37. PAPER AND STATIONERY.) NATIONAL SALES BOOK CO., INC., Long Island City, N. Y. Filed Dec. 10, 1925.



Particular description of goods.—Manifold Sales Books.
Claims use since about May, 1924.

Ser. No. 224,535. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STANDARD SEED CO., doing business as Standard Seed Products Co., Kansas City, Mo. Filed Dec. 10, 1925.



Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since July 1, 1925.

Ser. No. 224,541. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK L. BRZOSKA, doing business as Detroit Malt Extract Co., Dayton, Ohio. Filed Dec. 11, 1925.



Particular description of goods.—Extract of Malt and Hops for Food Purposes.
Claims use since Sept. 8, 1925.

Ser. No. 224,546. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BONWIT TELLER & CO., New York, N. Y. Filed Dec. 11, 1925.



Particular description of goods.—Perfumery.
Claims use since about May 1, 1925.

Ser. No. 224,549. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CENTRAL ELECTRIC COMPANY, Chicago, Ill. Filed Dec. 11, 1925.

MAXOCORD

Particular description of goods.—Portable Electric Cords and Cables.
Claims use since Sept. 10, 1925.

Ser. No. 224,562. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HOFFMAN & MAYER, INC., New York, N. Y. Filed Dec. 11, 1925.

EATMOR

Particular description of goods.—Fresh Poultry and Eggs.
Claims use since June 1, 1924.

Ser. No. 224,570. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MCCOMB COFFEE COMPANY, McComb, Miss. Filed Dec. 11, 1925.



No claim is made to the word "Brand" apart from the mark as shown in the drawing. The portrait is merely fanciful.

Particular description of goods.—Coffee and Tea.
Claims use since Aug. 1, 1924.

Ser. No. 224,571. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) ROBERT E. NAUMBURG, doing business as Ren Manufacturing Company, Winchester, Mass. Filed Dec. 11, 1925.

MIRR-O-RING

Particular description of goods.—Finger Rings.
Claims use since Oct. 10, 1925.

Ser. No. 224,650. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) JAMES H. BOYE MANUFACTURING CO., Chicago, Ill. Filed Dec. 14, 1925.



No claim is made to the word "Rod," the representation of the curtain rod, and the name of the applicant corporation or any of them apart from the mark shown in the drawing.

Particular description of goods.—Metal Curtain Rods.
Claims use since Dec. 5, 1925.

Ser. No. 224,672. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) PACIFIC LIME & PLASTER CO., San Francisco, Calif. Filed Dec. 14, 1925.

SIERRA WHITE

Applicant disclaims the exclusive right to the use of the word "White" apart from the mark as shown.

Particular description of goods.—Whitewash Preparation—i. e., a Cold-Water Paint and Whitewash.
Claims use since Oct. 15, 1925.

Ser. No. 224,718. (CLASS 38. PRINTS AND PUBLICATIONS.) NEW YORK EVENING JOURNAL, INC., New York, N. Y. Filed Dec. 15, 1925.

"TWISTED WORDAGRAMS"

Particular description of goods.—Newspaper Section.
Claims use since Dec. 4, 1925.

Ser. No. 224,739. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) AMERICAN SMELTING & REFINING COMPANY, New York, N. Y., and San Francisco, Calif. Filed Dec. 16, 1925.

FIVE FOLD

Particular description of goods.—Lead, Solder, and Babbitt, and Metals and Metal Alloys in Ingots, Bars, Pigs, Forgings, and Castings in the Rough.
Claims use since Jan. 30, 1925.

Ser. No. 224,755. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE GEORGE TRITCH HARDWARE COMPANY, Denver, Colo. Filed Dec. 16, 1925.

TRIED AND TRUE



Particular description of goods.—Hammers, Hatchets, Axes, Lawn Mowers, Adzes, Saws, Auger Bits, Tool Handles, Files, Shears, Hunters' Axes, and Broad Axes.
Claims use since Jan. 1, 1891.

Ser. No. 224,770. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) LA MONT CORPORATION, New York, N. Y. Filed Dec. 16, 1925.



Particular description of goods.—An Apparatus for the Exchange of Heat.
Claims use since Nov. 12, 1925.

Ser. No. 224,776. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MAATSCHAPPIJ TOT EXPLOITATIE VAN RADEMAKER'S KONINKLIJKE CACAO & CHOCOLADEFABRIEKEN, The Hague, Netherlands. Filed Dec. 16, 1925.

FERA

Particular description of goods.—Sweet Chocolate, Chocolates, Cocoa, Candies, and Biscuits.
Claims use since Sept. 1, 1925.

Ser. No. 224,787. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) ERROLD B. THOMAS, Newton, Mass. Filed Dec. 16, 1925.

CELOBENT

The trade-mark consists of the word "Celobent."
Particular description of goods.—Absorbent Material of Fibrous Character and in Sheet Form, Particularly Adapted for Use in Absorbent Packages or Pads, and in General as a Substitute for Cotton Wadding and the Like.
Claims use since on or about Nov. 30, 1925.

Ser. No. 224,804. (CLASS 38. PRINTS AND PUBLICATIONS.) CHILTON CLASS JOURNAL COMPANY Philadelphia, Pa. Filed Dec. 17, 1925.

THE COMMERCIAL CAR JOURNAL

Particular description of goods.—Periodical Published Monthly.
Claims use since Mar. 15, 1911.

Ser. No. 224,805. (CLASS 38. PRINTS AND PUBLICATIONS.) CHILTON CLASS JOURNAL COMPANY, Philadelphia, Pa. Filed Dec. 17, 1925.

CHILTON AUTOMOBILE DIRECTORY

Particular description of goods.—Classified Buyer's Guide and Reference Book for Automotive Distributors, Jobbers, Dealers, Garages, Service Stations, Parts Distributors, Etc., Including a Directory of Trade Associations; Also Replacement-Data Tables Published Quarterly.
Claims use since January, 1912.

Ser. No. 224,806. (CLASS 38. PRINTS AND PUBLICATIONS.) CHILTON CLASS JOURNAL COMPANY, Philadelphia, Pa. Filed Dec. 17, 1925.

AUTOMOBILE TRADE JOURNAL

Particular description of goods.—Periodical Published Monthly.
Claims use since October, 1899.

Ser. No. 224,822. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) INVINCIBLE LAUNDRY EQUIPMENT CO., Chicago, Ill. Filed Dec. 17, 1925.



Particular description of goods.—Laundry Machinery—To Wit, Washer Cylinders, Dry Tumblers, Bag Holders, Laundry Trucks, and Sorting Tables.
Claims use since Jan. 1, 1925.

Ser. No. 224,828. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) OXWELD ACETYLENE COMPANY, New York, N. Y. Filed Dec. 17, 1925.

OXWELD #1HT

Particular description of goods.—Welding Rods.
Claims use since Sept. 30, 1925.

Ser. No. 224,861. (CLASS 12. CONSTRUCTION MATERIALS.) CRITTALL CASEMENT WINDOW COMPANY, Detroit, Mich. Filed Dec. 18, 1925.

Reswin

Particular description of goods.—Casement Windows, Including Frames and Sashes.
Claims use since Dec. 11, 1925.

Ser. No. 224,874. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) LINCOLN RADIO CORPORATION, Chicago, Ill. Filed Dec. 18, 1925.

OVALOOP

Particular description of goods.—Radio Antenna.
Claims use since Dec. 2, 1925.

Ser. No. 224,921. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THOMAS MADDOCK'S SONS CO., Trenton, N. J. Filed Dec. 19, 1925.

DUROCK

Particular description of goods.—Lavatories, Drinking Fountains, Bidets, Water Closets, Water-Closet Tanks, Robe Hangers, Towel Holders, Toilet-Paper Holders, Comb and Brush Holders, Soap Holders, Toothbrush Holders, Grab Rails, Bolt Caps, and Flush-Pipe Housings.
Claims use since Dec. 1, 1925.

Ser. No. 224,922. (CLASS 27. HOROLOGICAL INSTRUMENTS.) MONTGOMERY WARD & CO., INCORPORATED, Chicago, Ill. Filed Dec. 19, 1925.

Old Reliable

Particular description of goods.—Clocks.
Claims use since Aug. 21, 1925.

Ser. No. 224,941. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SEYMOUR B. ADLER, doing business as Whitex Manufacturing Company, Fort Worth, Tex. Filed Dec. 21, 1925.

WHITEX

Particular description of goods.—Tooth Cream.
Claims use since Dec. 1, 1925.

Ser. No. 224,945. (CLASS 38. PRINTS AND PUBLICATIONS.) THE BETTER BUSINESS BUREAU OF NEW YORK CITY, INCORPORATED, New York, N. Y. Filed Dec. 21, 1925.

ACCURACY

Particular description of goods.—Periodical Published Monthly.
Claims use since April, 1925.

Ser. No. 224,952. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BURRELL-DUGGER COMPANY, Indianapolis, Ind. Filed Dec. 21, 1925.

Wormoids

Particular description of goods.—Pharmaceutical Preparation for the Eradication of Intestinal Worms in Poultry.
Claims use since Nov. 1, 1925.

Ser. No. 224,970. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) HIDE LEATHER & BELTING COMPANY, Indianapolis, Ind. Filed Dec. 21, 1925.

Hi Lab

HiLaB

Particular description of goods.—Rear-View Mirrors for Vehicles.
Claims use since Jan. 21, 1924.

Ser. No. 224,985. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NEVAGRA PRODUCTS INC., New York, N. Y. Filed Dec. 21, 1925.

Nevagra

Particular description of goods.—Hair Dye.
Claims use since Nov. 6, 1925.

Ser. No. 224,996. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) TEX-A-TONE CHEMICAL COMPANY, Texarkana, Tex. Filed Dec. 21, 1925.

TEX-A-TONE

Particular description of goods.—Medicines for the Treatment of Constipation, Indigestion, Sour Stomach, Boils, Pimples, Carbuncles and Rheumatism.
Claims use since Nov. 16, 1925.

Ser. No. 225,007. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) DEXTER RUBBER MANUFACTURING COMPANY, Goshen, N. Y. Filed Dec. 22, 1925.

D-D

Particular description of goods.—Rim Flaps for Tires and Tire Patches.
Claims use since Jan. 28, 1923.

Ser. No. 225,008. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) DEXTER RUBBER MANUFACTURING COMPANY, Goshen, N. Y. Filed Dec. 22, 1925.

Double-D

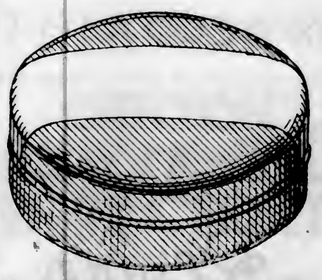
Particular description of goods.—Rim Flaps for Tires and Tire Patches.
Claims use since Dec. 1, 1923.

Ser. No. 225,022. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HARRY L. MCQUEEN, Washington, D. C. Filed Dec. 22, 1925. Under ten-year proviso.

DRUGGISTS'
Pure Mutton Tallow

Particular description of goods.—Mutton Tallow for Medicinal Uses.
Claims use since January, 1895.

Ser. No. 225,023. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HARRY L. MCQUEEN, Washington, D. C. Filed Dec. 22, 1925.



No claim is made to the exclusive right to the use of the container. The trade-mark consists of a light band across the top of the container, the rest of the body of the container being a contrasting green color.
Particular description of goods.—Mutton Tallow for Medicinal Uses.
Claims use since Dec. 16, 1912.

Ser. No. 225,044. (CLASS 4. ABRASIVES, DETERGENT, AND POLISHING MATERIALS.) MRS. JEWELL THOMSEN, doing business as Interstate Manufacturing Company, Waco, Tex. Filed Dec. 22, 1925.

CHAM O CLOTH

No claim is made to the word "Cloth" apart from the mark shown in the drawing.
Particular description of goods.—Treated Cloth for Polishing Automobiles and Furniture.
Claims use since Feb. 25, 1925.

Ser. No. 225,050. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PAUL WESTPHAL, New York, N. Y. Filed Dec. 22, 1925. Under ten-year proviso.

PAUL WESTPHAL PERFUMER PW TRADE MARK NEW YORK

Particular description of goods.—A Liquid for Treating the Hair, Toilet Waters, Hair Color Restorers, Hair Renewers, Hair Dyes, Hair Shampoo Preparations, and Perfumes.
Claims use since Jan. 1, 1881.

Ser. No. 225,057. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SOCIETE ANONYME EUGENE RIMMEL, Paris, France. Filed Dec. 23, 1925.

ART MODERNE

Particular description of goods.—Perfume, Toilet Water, Face Powder, Talcum Powder, Sachet, Lotion for the Skin and Hair, Brilliantine, Bath Salts, Rouges, Dentifrices.
Claims use since July, 1925.

Ser. No. 225,058. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SOCIETE ANONYME EUGENE RIMMEL, Paris, France. Filed Dec. 23, 1925.

VOCALISE

Particular description of goods.—Perfume, Toilet Water, Face Powder, Talcum Powder, Sachet, Lotion for the Skin and Hair, Brilliantine, Bath Salts, Rouges, Dentifrices.
Claims use since July, 1925.

Ser. No. 225,072. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ISABELLA E. BOYLE, Omaha, Nebr. Filed Dec. 23, 1925.

BMB

Particular description of goods.—Face Creams, Face Powders, Bath Powders, and Oil Astringents.
Claims use since Oct. 1, 1923.

Ser. No. 225,099. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NATIONAL RADIUM LABORATORIES, INC., Minneapolis, Minn. Filed Dec. 23, 1925.

Ra-aid

Particular description of goods.—Preventive of Pyorrhea and All Mouth Infections.
Claims use since Sept. 1, 1925.

Ser. No. 225,109. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) SAMUEL CABOT, INC., Boston, Mass. Filed Dec. 24, 1925.

COLLOPAKES

Particular description of goods.—Coloring and Finishing Waterproof Materials in the Nature of Paints or Stains.
Claims use since Dec. 10, 1925.

Ser. No. 225,114. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE CLEVELAND VARNISH COMPANY, Cleveland, Ohio. Filed Dec. 24, 1925.

CLEVECO

Particular description of goods.—Lacquers.
Claims use since June 25, 1924.

Ser. No. 225,147. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STANDARD BISCUIT COMPANY, Des Moines, Iowa. Filed Dec. 24, 1925.

Biour

Trade-mark consists of the name "Biour."
Particular description of goods.—Biscuits.
Claims use since November, 1924.

Ser. No. 225,152. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) U. S. TECHNICAL PRODUCTS COMPANY, New York, N. Y., and Scotch Plains, N. J. Filed Dec. 24, 1925.

PEXITONE

Particular description of goods.—Insecticides, Deodorants, Disinfectants, and Antiseptic Solutions.
Claims use since Nov. 30, 1925.

Ser. No. 225,159. (CLASS 38. PRINTS AND PUBLICATIONS.) BABY GRAND APARTMENTS COMPANY, Indianapolis, Ind. Filed Dec. 26, 1925.

BABY GRAND

Particular description of goods.—Books of Plans and Specifications for Buildings.
Claims use since Nov. 14, 1925.

Ser. No. 225,167. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BLACK & WHITE MILLING COMPANY, East St. Louis, Ill. Filed Dec. 26, 1925.



Particular description of goods.—Poultry Feed.
Claims use since June 1, 1921.

Ser. No. 225,168. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BLACK & WHITE MILLING COMPANY, East St. Louis, Ill. Filed Dec. 26, 1925.



Particular description of goods.—Dairy Feed.
Claims use since June 1, 1921.

Ser. No. 225,191. (CLASS 38. PRINTS AND PUBLICATIONS.) THE HOMESTEAD COMPANY, Des Moines, Iowa. Filed Dec. 26, 1925.

THE WISCONSIN FARMER

Particular description of goods.—Weekly Publication.
Claims use since 1893.

Ser. No. 225,199. (CLASS 35. BELTING, HOSE MACHINERY PACKING, AND NONMETALLIC TIRES.) NATIONAL CLOAK & SUIT CO., New York, N. Y. Filed Dec. 26, 1925.

CROSS COUNTRY

Particular description of goods.—Automobile Tires and Inner Tubes.
Claims use since June 1, 1925.

Ser. No. 225,220. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) FRANCIS J. CATTERLIN, Los Angeles, Calif. Filed Dec. 28, 1925.

CAL'S COLT

Particular description of goods.—Toy Hobby-Horses for Children.
Claims use since on or about Mar. 15, 1925.

Ser. No. 225,221. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAN VALLEY MILLS, Danville Va. Filed Dec. 28, 1925.

SILVER LEAF

Particular description of goods.—Plain and Self-Rising Flour.
Claims use since about 1900.

Ser. No. 225,271. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MODEL MILL CO., Jackson, Tenn. Filed Dec. 29, 1925.

WHITE FLAKE

Particular description of goods.—Wheat Flour.
Claims use since Dec. 1, 1925.

Ser. No. 225,272. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MODEL MILL CO., Jackson, Tenn. Filed Dec. 29, 1925.

MODEL FROST

Particular description of goods.—Wheat Flour.
Claims use since Nov. 1, 1925.

Ser. No. 225,280. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOUTHERN DAIRIES, INC., Miami, Fla. Filed Dec. 29, 1925.

Dixie Queen

Particular description of goods.—Dairy Products. Particularly Butter.
Claims use since on or about Dec. 10, 1925.

Ser. No. 225,321. (CLASS 38. PRINTS AND PUBLICATIONS.) SCIENTIFIC AMERICAN PUBLISHING CO., New York, N. Y. Filed Dec. 30, 1925.

ANNUALOG

Particular description of goods.—Annual Publication.
Claims use since Dec. 22, 1925.

Ser. No. 225,375. (CLASS 7. CORDAGE.) NEW BEDFORD CORDAGE COMPANY, New York, N. Y. Filed Dec. 31, 1925.

NEBCO

Trade-mark consists of the word "Nebco."
Particular description of goods.—Cordage—Namely, Ropes, Twine, and Cord.
Claims use since Nov. 17, 1925.

Ser. No. 225,403. (CLASS 38. PRINTS AND PUBLICATIONS.) ENTERPRISE OIL COMPANY, INC., Buffalo, N. Y. Filed Jan. 2, 1926.

The DUPLEX PENN

Particular description of goods.—House Organ.
Claims use since Nov. 26, 1925.

Ser. No. 225,408. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FREDERICK STEARNS & COMPANY, Detroit, Mich. Filed Jan. 2, 1926.

LE SECRET DE LA PERLE

Trade-mark "Le Secret De La Perle."
Particular description of goods.—Perfume, Toilet Water, and Face Powder.
Claims use since Dec. 12, 1925.

Ser. No. 225,409. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FREDERICK STEARNS & COMPANY, Detroit, Mich. Filed Jan. 2, 1926.

LE SECRET
DE LA PERLE
DE PLÉVILLE

Trade-mark consists of the words "Le Secret De La Perle De Pléville."
Particular description of goods.—Perfume, Toilet Water, and Face Powder.
Claims use since Dec. 12, 1925.

Ser. No. 225,417. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GOULARD & OLENA, INC., New York, N. Y. Filed Jan. 2, 1926.

GO-4

Particular description of goods.—Insecticides.
Claims use since April, 1925.

Ser. No. 225,459. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FANNIE HUMISTON WILLS, Quincy, Ill. Filed Jan. 2, 1926. Under ten-year proviso.

COMMON-SENSE

Trade-mark consists of the word "Common-Sense."
Particular description of goods.—Liniment, Horse Renovating Powders, and Colic Remedies for Horses.
Claims use since 1880.

Ser. No. 225,501. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LOUIS BECKER, doing business as Becker Fils, Paris, France. Filed Jan. 5, 1926.

KEEPSAKE

Particular description of goods.—Perfumes, Rouge, Face Powder, Face Cream, and Talcum Powder.
Claims use since Nov. 23, 1925.

Ser. No. 225,547. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HUMBERT BIZZONI, Long Island City, N. Y. Filed Jan. 6, 1926.

Fini

Particular description of goods.—Depilatory.
Claims use since about April, 1924.

Ser. No. 225,552. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) CLAY-ADAMS COMPANY, INC., New York, N. Y. Filed Jan. 6, 1926.



The trade-mark consists of the flag or shield device shown, the representation of the wire shown in the drawing in dotted lines not forming a part of the mark as sought to be registered.
Particular description of goods.—Wound Clips.
Claims use since Sept. 16, 1925.

Ser. No. 225,562. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LIPOIDAL LABORATORIES, INC., New York, N. Y. Filed Jan. 6, 1926.

NARCOSAN

Particular description of goods.—Preparation for the Treatment of Narcotic Drug Addiction Disease.
Claims use since June, 1921.

Ser. No. 225,570. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NATIONAL TOILET CO., Paris, Tenn. Filed Jan. 6, 1926.

Southern
Flowers

Particular description of goods.—Face Powders, Bleach Cream, Tissue and Wrinkle Cream, Crème Lotion, Astringent Lotion, Talcum Powder, Perfumes, Rouge Compact, Lip Rouge, and Vanishing Creams.
Claims use since Sept. 24, 1923, on face powder and Sept. 20, 1925, on other goods named.

Ser. No. 225,573. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PEROKAY, INCORPORATED, New York, N. Y. Filed Jan. 6, 1926.

Gai Montmartre

Particular description of goods.—Perfumery.
Claims use since about Nov. 1, 1925.

Ser. No. 225,607. (CLASS 38. PRINTS AND PUBLICATIONS.) SALLY HARBAUGH, Troy, N. Y. Filed Jan. 7, 1926.

Shopping with Sally

Particular description of goods.—Newspaper section.
Claims use since Dec. 10, 1925.

Ser. No. 225,611. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DANIEL H. LAMKE, New York, N. Y. Filed Jan. 7, 1926.

VAGOID
TABLETS

No claim is made to the word "Tablets" apart from the mark shown.
Particular description of goods.—Antiseptic Tablets.
Claims use since Dec. 24, 1925.

Ser. No. 225,641. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) F. A. BOCHMANN & CO., INC., Philadelphia, Pa. Filed Jan. 8, 1926.

FRISKA

Particular description of goods.—Worsted and Woolen Dress Goods Manufactured in the Piece.
Claims use since Dec. 23, 1925.

Ser. No. 225,647. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) CHENEY BROTHERS, South Manchester, Conn. Filed Jan. 8, 1926.

Vitraux Prints

No claim is made to the word "Prints" apart from the mark as shown.
Particular description of goods.—Woven, Knitted, Netted, Textile and Pile Fabrics.
Claims use since Dec. 31, 1925.

Ser. No. 225,648. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) COLUMBUS IRON WORKS CO., doing business as Southern Plow Co. Dept., Columbus, Ga. Filed Jan. 8, 1926.

IDEAL

Particular description of goods.—Heel Sweeps for Cultivators.
Claims use since October, 1923.

Ser. No. 225,652. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LOUIS DE ROQUEFEUIL, doing business as Parfums Deroc, Asnieres, France. Filed Jan. 8, 1926.

GAI MONTMARTRE

Particular description of goods.—Perfumes, Toilet Waters, Face Powder, Talcum Powder, Rouges, Brilliantine, Bath Salts, Lotion for the Skin and Hair, Cold Cream, and Dentifrices.
Claims use since prior to July 23, 1925.

Ser. No. 225,656. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH FUTTERMAN, doing business as Perkins Chemical Co., Baltimore, Md. Filed Jan. 8, 1926.

HY-O-SAL

Particular description of goods.—Cough Remedy.
Claims use since Feb. 15, 1923.

Ser. No. 225,667. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) IVAN E. LANIER, doing business as Lauderdale Chemical Co., Fort Lauderdale, Fla. Filed Jan. 8, 1926.

CHECK-UM

Particular description of goods.—Insecticides.
Claims use since Aug. 1, 1925.

Ser. No. 225,680. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SCHERING & GLATZ, INC., New York, N. Y. Filed Jan. 8, 1926.

GYNODYNE

Particular description of goods.—Medicinal Preparation Recommended for the Relief of Post-Partum Pains.
Claims use since Nov. 25, 1925.

Ser. No. 225,681. (CLASS 38. PRINTS AND PUBLICATIONS.) WILLIAM DENNIS SELF, Little Rock, Ark. Filed Jan. 8, 1926.



Particular description of goods.—Periodical Publication Comprising a Series of Maps.
Claims use since Dec. 9, 1925.

Ser. No. 225,723. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MATÉ, INC., Philadelphia, Pa. Filed Jan. 9, 1926.

Dear O' Dreams

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, Incenses, Talcum Powders, Lip Sticks, Eyebrow Pencils, and Sachets.
Claims use since Dec. 14, 1925.

Ser. No. 225,724. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MATÉ, INC., Philadelphia, Pa. Filed Jan. 9, 1926.

Maid O' Flowers

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, Incenses, Talcum Powders, Lip Sticks, Eyebrow Pencils, and Sachets.
Claims use since Dec. 14, 1925.

Ser. No. 225,733. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) M. RICH & BROS. CO., Atlanta, Ga. Filed Jan. 9, 1926.

TREASURE HUNT

Particular description of goods.—Cotton and Silk Piece Goods.
Claims use since July 15, 1925.

Ser. No. 225,747. (CLASS 38. PRINTS AND PUBLICATIONS.) SOUTHERN HOMES AND GARDENS PUBLISHING CO., New York, N. Y. Filed Jan. 9, 1926.

SOUTHERN HOMES and GARDENS

Particular description of goods.—Monthly Periodicals
Claims use since Nov. 1, 1925.

Ser. No. 225,760. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BEARD LABORATORIES, INC., Fort Smith, Ark. Filed Jan. 11, 1926.

TAK-A PAPSIN

Particular description of goods.—Compound for Treating Dyspepsia.
Claims use since 1908.

Ser. No. 225,817. (CLASS 11. INKS AND INKING MATERIALS.) THURSTON CUTTING CORPORATION, New York, N. Y. Filed Jan. 11, 1926.

SEALEDGE

Particular description of goods.—Typewriter Ribbons.
Claims use since July, 1923.

Ser. No. 225,821. (CLASS 38. PRINTS AND PUBLICATIONS.) THE AMERICAN MERCURY, INC., New York, N. Y. Filed Jan. 12, 1926.

THE AMERICAN MERCURY

Particular description of goods.—Periodical Publication.
Claims use since January, 1924.

Ser. No. 225,823. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ARBELLA MFG. CO., New York, N. Y. Filed Jan. 12, 1926.

ARBELLA

Particular description of goods.—Dandruff Remedy.
Claims use since August, 1925.

Ser. No. 225,826. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. FOUGERA & CO. INC., New York, N. Y. Filed Jan. 12, 1926.

Fougerol

Particular description of goods.—Liniment and Analgesique used Externally.
Claims use since Dec. 28, 1925.

Ser. No. 225,827. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. FOUGERA & CO. INC., New York, N. Y. Filed Jan. 12, 1926.

Fougol

Particular description of goods.—Liniment and Analgesique used Externally.
Claims use since Dec. 28, 1925.

Ser. No. 225,845. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. C. RICH, INC., New York, N. Y. Filed Jan. 12, 1926. Under ten-year proviso.

RICH'S

Particular description of goods.—Jujubes Made of Menthol and Eucalyptus, of Menthol and Glycerin, and of Pure Glycerin; and Clear Gums Made of Menthol and Eucalyptus, of Menthol and Glycerin, and of Pure Glycerin.
Claims use since 1890.

Ser. No. 225,847. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. C. RICH, INC., New York, N. Y. Filed Jan. 12, 1926.

L-L-M's

Particular description of goods.—Cough Lozenges.
Claims use since June, 1921.

Ser. No. 225,848. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. C. RICH, INC., New York, N. Y. Filed Jan. 12, 1926. Under ten-year proviso.

GIBSON'S

Particular description of goods.—Cough Lozenges.
Claims use since 1887.

Ser. No. 225,859. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BAKER DRUG COMPANY, Portland, Oreg. Filed Jan. 13, 1926.

FLU-ZONE

Particular description of goods.—Lung, Throat, and Bronchial Medicine.
Claims use since Oct. 24, 1925.

Ser. No. 225,860. (CLASS 31. FILTERS AND REFRIGERATORS.) THE BARBER ASPHALT COMPANY, Philadelphia, Pa. Filed Jan. 13, 1926.

Particular description of goods.—Refrigerators and Refrigerating Machines.
Claims use since Dec. 21, 1925.

Ser. No. 225,861. (CLASS 31. FILTERS AND REFRIGERATORS.) THE BARBER ASPHALT COMPANY, Philadelphia, Pa. Filed Jan. 13, 1926.

IROQUOIS.

Particular description of goods.—Refrigerators and Refrigerating Machines.
Claims use since Dec. 21, 1925.

Ser. No. 225,866. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PAUL BOMMARITO, Detroit, Mich. Filed Jan. 13, 1926.

Goitre-I-G-O

Particular description of goods.—Composition for the Treatment of Goitre.
Claims use since Nov. 1, 1925.

Ser. No. 225,905. (CLASS 38. PRINTS AND PUBLICATIONS.) JOSEPH ADELMAN, doing business as Supreme Publishing Co., New York, N. Y. Filed Jan. 14, 1926.

SUPREME FLASH

Particular description of goods.—Periodical.
Claims use since Oct. 1, 1925.

Ser. No. 225,907. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALLEN B. ARD, Iron City, Ga. Filed Jan. 14, 1926.

A. B. A.

Particular description of goods.—Insecticide.
Claims use since Nov. 21, 1925.

Ser. No. 225,949. (CLASS 38. PRINTS AND PUBLICATIONS.) BOB EDWARDS PUBLISHING CO., Minneapolis, Minn. Filed Jan. 15, 1926.

EYE OPENER

Particular description of goods.—Monthly Publication.
Claims use since Jan. 4, 1926.

Ser. No. 226,042. (CLASS 7. CORDAGE.) CHASE BAG CO., New York, N. Y. Filed Jan. 18, 1926.

DIXIE

Particular description of goods.—Twine, Cordage, and Thread for Closing Bags.
Claims use since 1910.

Ser. No. 226,044. (CLASS 7. CORDAGE.) CHASE BAG CO., New York, N. Y. Filed Jan. 18, 1926.

LYNX

Particular description of goods.—Twine, Cordage, and Thread for Closing Bags.
Claims use since 1922.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

FEBRUARY 23, 1926.

209,297. EFFERVESCENT BEVERAGE SALTS. ACHILLE BRIOSCHI & CO. INC., New York, N. Y.
Filed November 6, 1925. Serial No. 222,909. PUBLISHED DECEMBER 15, 1925.

209,298 EFFERVESCENT BEVERAGE SALTS. ACHILLE BRIOSCHI & CO. INC., New York, N. Y.
Filed November 6, 1925. Serial No. 222,908. PUBLISHED DECEMBER 15, 1925.

209,299. SHAVING SOAP AND SHAVING STICKS. COLGATE & COMPANY, Jersey City, N. J.
Filed May 6, 1925. Serial No. 213,890. PUBLISHED DECEMBER 1, 1925.

209,300. COTTON PIECE GOODS—VIZ, SHEETINGS. WHITNEY MFG. CO., Whitney, S. C.
Filed May 14, 1925. Serial No. 214,344. PUBLISHED DECEMBER 1. 1925.

209,301. STRAWBERRIES IN THEIR NATURAL STATE. PONCHATOULA FARM BUREAU ASSOCIATION, Ponchatoula, La.
Filed May 16, 1925. Serial No. 214,440. PUBLISHED DECEMBER 1, 1925.

209,302. TABLE SIRUP. MISSION MAPLE SYRUP CO., Los Angeles, Calif.
Filed May 29, 1925. Serial No. 215,086. PUBLISHED OCTOBER 27, 1925.

209,303. LAXATIVES. HAYDN L. FISCHER, doing business as Sugar-Lax Products Co. Not Inc., Kewanee, Ill.
Filed June 13, 1925. Serial No. 215,741. PUBLISHED OCTOBER 27, 1925.

209,304. SHOE DRESSING. I. MILLER & SONS, INC., Long Island City, N. Y.
Filed June 19, 1925. Serial No. 216,061. PUBLISHED DECEMBER 1, 1925.

209,305. READY-MIXED PAINT, VARNISH, AND PAINT ENAMEL. W. P. FULLER & CO., San Francisco, Calif.
Filed June 29, 1925. Serial No. 216,596. PUBLISHED SEPTEMBER 22, 1925.

209,306. TOILET AND FACE SOAPS. LINA CAVALIERI, Neuilly-Sur-Seine, France.
Filed July 1, 1925. Serial No. 216,710. PUBLISHED NOVEMBER 24, 1925.

209,307. MEN'S OVERALLS AND COATS. N & W OVERALL COMPANY, INC., Lynchburg, Va.
Filed July 7, 1925. Serial No. 216,983. PUBLISHED NOVEMBER 10, 1925.

209,308. HIGH AND LOW SHOES AND BOOTS MADE FROM LEATHER AND LEATHER COMPOSITION. MILTON WAISS, San Francisco, Calif.
Filed July 8, 1925. Serial No. 217,057. PUBLISHED DECEMBER 1, 1925.

209,309. STRAW HATS FOR MEN. BINGHAM & CO., New York, N. Y.
Filed July 17, 1925. Serial No. 217,499. PUBLISHED DECEMBER 1, 1925.

209,310. GUMMED PAPER TAPE. NASHUA GUMMED & COATED PAPER COMPANY, Nashua, N. H.
Filed July 17, 1925. Serial No. 217,525. PUBLISHED DECEMBER 1, 1925.

209,311. COTTON PIECE GOODS, COMBINATION SILK AND COTTON PIECE GOODS, AND COMBINATION OF ARTIFICIAL SILK AND COTTON PIECE GOODS. HENRY GLASS & CO., New York, N. Y.
Filed July 27, 1925. Serial No. 217,930. PUBLISHED DECEMBER 1, 1925.

209,312. SOAP CHIPS. THE GLOBE SOAP COMPANY, Cincinnati, Ohio.
Filed August 6, 1925. Serial No. 218,478. PUBLISHED NOVEMBER 24, 1925.

209,313. CERTAIN PIECE GOODS. GOODALL WORSTED CO., Sanford, Me.
Filed August 6, 1925. Serial No. 218,481. PUBLISHED DECEMBER 1, 1925.

209,314. SPECTACLES, EYEGLASSES, SPECTACLE LENSES, AND EYEGLASS LENSES. CHARLES MEISTER'S SONS, Philadelphia, Pa.
Filed August 10, 1925. Serial No. 218,654. PUBLISHED DECEMBER 1, 1925.

209,315. TOILET PREPARATION USED AS A LIQUID SOAP FOR SHAMPOOING THE HAIR AND BATHING PURPOSES. HISCOX CHEMICAL WORKS, Patchogue, N. Y.
Filed August 12, 1925. Serial No. 218,757. PUBLISHED DECEMBER 1, 1925.

209,316. CERTAIN TEXTILES. A. S. HERRMANN, INC., New York, N. Y.
Filed August 15, 1925. Serial No. 218,917. PUBLISHED DECEMBER 1, 1925.

209,317. FRESH CITRUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. ORANGE HEIGHTS FRUIT ASSOCIATION, Corona, Calif.
Filed August 17, 1925. Serial No. 218,995. PUBLISHED DECEMBER 1, 1925.

209,318. TEXTILE FABRIC COATED WITH RUBBER OR WATERPROOF SURFACE COATING. L. C. CHASE & COMPANY, Boston, Mass.
Filed August 24, 1925. Serial No. 219,272. PUBLISHED DECEMBER 1, 1925.

209,319. RADIATORS FOR INTERNAL-COMBUSTION ENGINES. THE PIERCE-ARROW MOTOR CAR COMPANY, Buffalo, N. Y.
Filed August 24, 1925. Serial No. 219,302. PUBLISHED DECEMBER 1, 1925.

209,320. CALCULATING MACHINES. GUSTAV MEZ, doing business as Mercedes Buro-Maschinen-Werke, Post Mehlis in Thuringia, Germany.
Filed August 27, 1925. Serial No. 219,437. PUBLISHED DECEMBER 1, 1925.

209,321. PHOTOGRAPHIC GOODS—PARTICULARLY, PHOTOGRAPHIC MOUNTS AND ALBUMS. ANSCO PHOTOPRODUCTS, INC., Binghamton, N. Y.
Filed September 4, 1925. Serial No. 219,796. PUBLISHED DECEMBER 1, 1925.

209,322. PRINTED BOOKS. SAML. GABRIEL SONS & COMPANY, New York, N. Y.
Filed September 5, 1925. Serial No. 219,888. PUBLISHED DECEMBER 1, 1925.

209,323. RELISH CONSISTING ESSENTIALLY OF BOTTLED SLICED PICKLES. THE WIDLAR COMPANY, Cleveland, Ohio.
Filed September 5, 1925. Serial No. 219,925. PUBLISHED DECEMBER 1, 1925.

209,324. BAGS AND SUITCASES. A. G. SPALDING & BROS., New York, N. Y.
Filed September 17, 1925. Serial No. 220,369. PUBLISHED DECEMBER 1, 1925.

209,325. CHOCOLATE-COATED ICE-CREAM-FILLED CONES. ANGELOS KYPROS, doing business as Real Bar Candy Factory, Springfield, Mo.
Filed September 18, 1925. Serial No. 220,409. PUBLISHED DECEMBER 1, 1925.

209,326. BOLTING CLOTH. SCHWEIZ. SEIDENGAZEFABRIK A. G., Thal, Switzerland.
Filed September 18, 1925. Serial No. 220,424. PUBLISHED DECEMBER 1, 1925.

209,327. WALL FINISH. TILETTE CEMENT COMPANY, INC., New York, N. Y.
Filed September 18, 1925. Serial No. 220,430. PUBLISHED DECEMBER 1, 1925.

209,328. WHEAT FLOUR. HURST-BOILLIN CO., Clarksville, Tenn.
Filed September 21, 1925. Serial No. 220,536. PUBLISHED DECEMBER 1, 1925.

209,329. FRIED EGG NOODLES. THE LAW CANNING CO., Portland, Oreg.
Filed September 21, 1925. Serial No. 220,547. PUBLISHED DECEMBER 1, 1925.

209,330. MEN'S, BOYS', LADIES', AND MISSES' HATS. BOERA BROS., New York, N. Y.
Filed September 22, 1925. Serial No. 220,594. PUBLISHED DECEMBER 1, 1925.

209,331. GLOVES MADE OF LEATHER. D. POWER & SONS LIMITED, Walsall, England.
Filed September 23, 1925. Serial No. 220,677. PUBLISHED DECEMBER 1, 1925.

209,332. SHOES OF LEATHER, FABRIC, LEATHER AND RUBBER, FABRIC AND RUBBER, AND COMBINATIONS OF THESE MATERIALS. RALEIGH HABERDASHER, INC., Washington, D. C.
Filed September 24, 1925. Serial No. 220,738. PUBLISHED DECEMBER 1, 1925.

209,333. RUBBER AND LEATHER SHOES. ENDICOTT JOHNSON CORPORATION, Endicott, N. Y.
Filed April 22, 1925. Serial No. 213,123. PUBLISHED NOVEMBER 17, 1925.

209,334. ICE CREAM, PIES, CAKES, DOUGHNUTS, SANDWICHES, AND DELICATESSEN FOODS—NAMELY, FRUIT SALADS, VEGETABLE SALADS, COOKED VEGETABLES, AND COOKED MEATS—I. E., BOILED HAMS, TONGUES, AND SAUSAGES. GLOBE DAIRY LUNCH CO. INC., Los Angeles, Calif.
Filed April 18, 1925. Serial No. 212,921. PUBLISHED DECEMBER 1, 1925.

209,335. FLOOR DRESSING AND LIQUID POLISH. NORTHWEST CHEMICAL & SCHOOL SUPPLY CO., Spokane, Wash.
Filed May 1, 1925. Serial No. 213,663. PUBLISHED NOVEMBER 24, 1925.

209,336. BELTS FOR PERSONAL WEAR. ALFRED G. GENNERT, New York, N. Y.
Filed May 16, 1925. Serial No. 214,410. PUBLISHED NOVEMBER 24, 1925.

209,337. LEATHER SOLES, TAP SOLES, AND SLIP SOLES. PENN LEATHER COMPANY, Philadelphia, Pa.
Filed May 27, 1925. Serial No. 214,973. PUBLISHED NOVEMBER 24, 1925.

209,338. COMPOUNDS FOR POLISHING AND PROTECTING SURFACES, POSSESSING INCIDENTALLY THE PROPERTIES OF A CLEANER. S. I. PRODUCTS COMPANY, Philadelphia, Pa.
Filed May 27, 1925. Serial No. 214,976. PUBLISHED NOVEMBER 17, 1925.

209,339. LEATHER SHOES. E. S. LEVY & COMPANY, Galveston, Tex.
Filed June 1, 1925. Serial No. 215,157. PUBLISHED NOVEMBER 17, 1925.

209,340. COLLARS. CLUETT, PEABODY & CO. INC., Troy, N. Y.
Filed June 3, 1925. Serial No. 215,233. PUBLISHED DECEMBER 1, 1925.

209,341. LIVE FOXES AND FOX PELTS. DUFFUS SILVER FOX CORPORATION, New York, N. Y.
Filed June 10, 1925. Serial No. 215,558. PUBLISHED NOVEMBER 3, 1925.

309,342. LEAD OXIDE. THE ANDREWS LEAD COMPANY, INC., New York, N. Y.
Filed June 12, 1925. Serial No. 215,675. PUBLISHED NOVEMBER 3, 1925.

209,343. WOMEN'S HATS INCLUDING THE LININGS THEREIN. LOUIS MILLER & COMPANY, Chicago, Ill.
Filed June 15, 1925. Serial No. 215,804. PUBLISHED SEPTEMBER 29, 1925.

209,344. RUBBER HEELS, RUBBER SOLES, RUBBER BOOTS AND SHOES, RUBBER OVERSHOES, AND RUBBER-SOLE CANVAS SHOES. HOOD RUBBER COMPANY, Watertown, Mass.
Filed June 17, 1925. Serial No. 215,931. PUBLISHED NOVEMBER 17, 1925.

209,345. READY-MIXED PAINT FOR ROOFS, WOOD, METAL STRUCTURAL WORK, AND FOR PROTECTING AND COVERING CEMENT AND STONE FOUNDATION WORK; A PLASTIC OR HEAVY PAINT FOR REPAIRING BADLY-WORN ROOFS, LEAKING JOINTS, AND CORNICES, AND ALSO FOR COVERING FLOORS, AND A RUST PREVENTIVE TO APPLY TO METAL PRODUCTS TO PROTECT THE SAME FROM RUST AND CORROSION. RALPH M. SITTERLEY, New York, N. Y.
Filed June 22, 1925. Serial No. 216,231. PUBLISHED DECEMBER 1, 1925.

209,346. BREAD. FIRCH BAKING COMPANY, INC., Erie, Pa.
Filed June 25, 1925. Serial No. 216,384. PUBLISHED

209,347. CANNED LOBSTERS AND LOBSTERS IN HERMETICALLY-SEALED PACKAGES, AND SALMON. SIMPSON, ROBERTS & CO., LTD., Halifax, Nova Scotia, Canada.
Filed June 25, 1925. Serial No. 216,437. PUBLISHED DECEMBER 1, 1925.

209,348. RESIN PRODUCED FROM THE CHENGAL OR PENAK TREE OF THE MALAY PENINSULA. THE FOREST DEPARTMENT OF THE FEDERATED MALAY STATES GOVERNMENT, Kuala Lumpur, Federated Malay States.
Filed June 30, 1925. Serial No. 216,672. PUBLISHED NOVEMBER 17, 1925.

209,349. BREAST SUPPORTERS, COLLARS, BELTS, CORSETS, AND HOSE SUPPORTERS. TERESINA MARIA NEGRI, Paris, France.
Filed July 13, 1925. Serial No. 217,285. PUBLISHED NOVEMBER 24, 1925.

209,350. RAW LINSEED OIL, BOILED LINSEED OIL, TURPENTINE, BLACK ROOF AND METAL PAINT, AND ASPHALTUM PAINT. WEST LUMBER COMPANY, Atlanta, Ga.
Filed July 13, 1925. Serial No. 217,313. PUBLISHED NOVEMBER 10, 1925.

209,351. CANNED PEACHES, CANNED BEETS, CANNED SQUASH, CANNED TOMATOES, AND CANNED SPINACH. TUCKER & GOODWIN, INC., Hartford, Conn.
Filed July 15, 1925. Serial No. 217,430. PUBLISHED DECEMBER 1, 1925.

209,352. GAS HEATERS AND PARTS THEREOF—NAMELY, MANTLES AND CASTINGS. THE J. H. GRAYSON MANUFACTURING COMPANY, Athens, Ohio.
Filed July 17, 1925. Serial No. 217,510. PUBLISHED OCTOBER 6, 1925.

209,353. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. FULLERTON MUTUAL ORANGE ASSOCIATION, Fullerton, Calif.
Filed July 18, 1925. Serial No. 217,552. PUBLISHED DECEMBER 1, 1925.

209,354. KNICKERS, BLOOMERS, PRINCESS SLIPS, CHEMISES, NIGHTGOWNS, VESTS, STEP-INS, AND UNION SUITS OF KNITTED FABRIC MADE OF SILK, COTTON, MUSLIN, ARTIFICIAL SILK, OR COMBINATIONS THEREOF. THE LELAND CORPORATION, Boston, Mass., assignor to Cosgrove Bros. Inc., Boston, Mass., a Corporation of Massachusetts.
Filed July 20, 1925. Serial No. 217,628. PUBLISHED DECEMBER 1, 1925.

209,355. VEGETABLE DRESSING FOR SALADS, SANDWICHES, HOT OR COLD MEATS, AND FISH. DELTON & PASHEN, New York, N. Y.
Filed July 21, 1925. Serial No. 217,671. PUBLISHED DECEMBER 1, 1925.

209,356. PREPARATIONS FOR REMOVING PAINT AND VARNISH, REMOVING WAX FROM FLOORS AND LIKE USES. INDIA ALKALI WORKS, Boston, Mass.
Filed July 22, 1925. Serial No. 217,711. PUBLISHED NOVEMBER 17, 1925.

209,357. X-RAY PROTECTIVE DEVICES AND MATERIALS. VICTOR X-RAY CORPORATION, Chicago, Ill.
Filed July 25, 1925. Serial No. 217,907. PUBLISHED DECEMBER 1, 1925.

209,358. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. ALFRED L. WOODILL, Riverside, Calif.
Filed July 27, 1925. Serial No. 217,977. PUBLISHED DECEMBER 1, 1925.

209,359. AUTOMOBILE POLISH. SIDNEY A. MEAD, Oakland, Calif.
Filed July 28, 1925. Serial No. 218,014. PUBLISHED NOVEMBER 17, 1925.

209,360. ALUMINUM PAINT. THE SULLIVAN COMPANY, Memphis, Tenn.
Filed July 28, 1925. Serial No. 218,027. PUBLISHED NOVEMBER 10, 1925.

209,361. VEHICLE PARTS, PARTICULARLY UNDERFRAMES, PLATFORMS, END SILLS, BUFFING SILLS, UPRIGHT END FRAMES, CORNER BRACKETS, BOLSTERS, TANK SADDLES, NEEDLE BEAMS, CROSSTIES, CROSS-BEARERS, DRAFT SILLS, TRANSOM DRAFT GEARS, STRIKING PLATES, CARRY IRONS, BUFFER POCKETS, TRUCKS, AND TRUCK PARTS, SUCH AS TRUCK FRAMES, TRUCK BOLSTERS, SPRING PLANKS, PEDESTALS, SPRING SEATS AND CAPS, CENTER PLATES, EQUALIZERS, AND LOCOMOTIVE-TENDER FRAMES. COMMONWEALTH STEEL COMPANY, St. Louis, Mo.
Filed July 29, 1925. Serial No. 218,051. PUBLISHED NOVEMBER 24, 1925.

209,362. EXTRACT OF WITCH-HAZEL. THE E. E. DICKINSON CO., Essex, Conn.
Filed July 29, 1925. Serial No. 218,054. PUBLISHED OCTOBER 27, 1925.

209,363. SHOES FOR MEN, WOMEN, AND CHILDREN, MADE OF LEATHER; FELT; LEATHER AND FABRIC; RUBBER; RUBBER AND FABRIC; RUBBER, LEATHER, AND FABRIC; RUBBER AND LEATHER; LEATHER, FELT, RUBBER, AND FABRIC; LEATHER AND FELT; AND RUBBER AND FELT. LONDON SHOE COMPANY, INC., New York, N. Y.
Filed July 29, 1925. Serial No. 218,070. PUBLISHED NOVEMBER 24, 1925.

209,364. CANNED VEGETABLES — NAMELY, CANNED CORN. HOOPESTON CANNING CO., Hoopeston, Ill.
Filed July 31, 1925. Serial No. 218,179. PUBLISHED DECEMBER 1, 1925.

209,365. MEDICINE FOR DIPHTHERIA AND THROAT DISEASES. TOMAS E. MALONE, Buena Vista, Ohio.
Filed August 3, 1925. Serial No. 218,317. PUBLISHED NOVEMBER 3, 1925.

209,366. VARNISH AND MIXED PAINT. FRANK NOGUES, Los Angeles, Calif.
Filed August 3, 1925. Serial No. 218,319. PUBLISHED NOVEMBER 10, 1925.

209,367. NONALCOHOLIC, MALTLESS BEVERAGE USED AS A SOFT DRINK AND EXTRACTS AND SIRUPS FOR MAKING THE SAME. O'MY BOTTLING SYRUP CO., also doing business as The O-My Bottling Co., Los Angeles, Calif.
Filed August 3, 1925. Serial No. 218,321. PUBLISHED DECEMBER 1, 1925.

209,368. COFFEE, TABLE SIRUPS, BREAKFAST CEREALS, AND FOOD-FLAVORING EXTRACTS. MITCHELL WHOLESALE GROCERY & FRUIT COMPANY, Mitchell, S. Dak.
Filed August 11, 1925. Serial No. 218,718. PUBLISHED DECEMBER 1, 1925.

209,369. READY-MIXED PAINT. DAVIS PAINT COMPANY, Kansas City, Mo.
Filed August 17, 1925. Serial No. 218,953. PUBLISHED NOVEMBER 10, 1925.

209,370. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. ORANGE HEIGHTS FRUIT ASSOCIATION, Corona, Calif.
Filed August 17, 1925. Serial No. 218,997. PUBLISHED DECEMBER 1, 1925.

209,371. MIXED PAINTS, PAINT ENAMELS, PIGMENTS IN OIL (PASTE), AND VARNISHES. ALLAN J. FIELD, doing business as A. J. Field Paint Company, Newark, N. J.
Filed August 20, 1925. Serial No. 219,115. PUBLISHED NOVEMBER 17, 1925.

209,372. MEN'S, WOMEN'S, AND CHILDREN'S HOSIERY. GONZALEZ BROS. & CO., New York, N. Y.
Filed August 17, 1925. Serial No. 218,964. PUBLISHED DECEMBER 1, 1925.

209,373. MEDICINE OR PHARMACEUTICAL PREPARATION. ELI LILLY & COMPANY, Indianapolis, Ind.
Filed November 2, 1925. Serial No. 222,688. PUBLISHED DECEMBER 8, 1925.

209,374. CORSETS. LORD & TAYLOR, New York, N. Y.
Filed September 23, 1925. Serial No. 220,662. PUBLISHED NOVEMBER 17, 1925.

209,375. SHOES. ALBERT M. CREIGHTON, Lynn, Mass.
Filed September 24, 1925. Serial No. 220,705. PUBLISHED NOVEMBER 17, 1925.

209,376. ASPHALT. GILMORE OIL COMPANY, Los Angeles, Calif.
Filed September 24, 1925. Serial No. 220,715. PUBLISHED DECEMBER 1, 1925.

209,377. WELTING FOR BOOTS AND SHOES. PARLEY E. BARBOUR, doing business as Barbour Welting Company, Montello Station, Brockton, Mass.
Filed September 26, 1925. Serial No. 220,838. PUBLISHED NOVEMBER 17, 1925.

209,378. BROOM CORN AND FIBER BROOMS. KOVA BRUSH & BROOM MANUFACTURING COMPANY, Greensburg, Ind.
Filed September 28, 1925. Serial No. 220,905. PUBLISHED DECEMBER 1, 1925.

209,379. LADIES' ONE AND TWO PIECE KNITTED UNDERWEAR. THE PARSONS & BAKER CO., Phoenixville, Pa.
Filed September 28, 1925. Serial No. 220,915. PUBLISHED DECEMBER 1, 1925.

209,380. COMBINATION SHOE HORN AND SHOE FORM. ERNST MAHLER, Neenah, Wis.
Filed September 30, 1925. Serial No. 221,020. PUBLISHED NOVEMBER 24, 1925.

209,381. LIME. JOHN PARKER RICH, Swanton, Vt.
Filed October 1, 1925. Serial No. 221,074. PUBLISHED DECEMBER 1, 1925.

209,382. MEN'S, LADIES', AND CHILDREN'S UNDERWEAR OF TEXTILE FABRICS AND HOSIERY. DIXIE UNDERWEAR CO., INC., Montgomery, Ala.
Filed October 2, 1925. Serial No. 221,098. PUBLISHED DECEMBER 1, 1925.

209,383. CASKETS AND COFFINS. CAROLINA CASKET COMPANY, High Point, N. C.
Filed October 7, 1925. Serial No. 221,349. PUBLISHED DECEMBER 1, 1925.

209,384. CIGARS. BIAGIO MIDULLA, doing business as B. Midulla Company, New York, N. Y.
Filed October 7, 1925. Serial No. 221,372. PUBLISHED DECEMBER 1, 1925.

209,385. LEATHER SOLES, TAP SOLES, AND SLIP SOLES. KISTLER LEATHER COMPANY, South Boston, Mass.
Filed October 12, 1925. Serial No. 221,623. PUBLISHED NOVEMBER 24, 1925.

209,386. HOSIERY. J. N. ADAM & Co., Buffalo, N. Y.
Filed October 15, 1925. Serial No. 221,732. PUBLISHED DECEMBER 1, 1925.

209,387. PRESERVED AND CANNED FRUITS. MOR-PAK PRESERVING COMPANY, Fresno, Calif.
Filed October 17, 1925. Serial No. 221,912. PUBLISHED DECEMBER 1, 1925.

209,388. MIXTURE CONTAINING THE NECESSARY INGREDIENTS FOR THE MAKING OF FRUIT JELLY. JELLICIOUS, INC., San Francisco, Calif.
Filed October 19, 1925. Serial No. 221,969. PUBLISHED DECEMBER 1, 1925.

209,389. CANNED CLAMS AND SALMON. WARRENTON CLAM COMPANY, doing business as Sigurdson Bros. Inc., Warrenton, Oreg.
Filed October 19, 1925. Serial No. 221,988. PUBLISHED DECEMBER 1, 1925.

209,390. CANNED PEAS. WAUPUN CANNING COMPANY, Waupun, Wis.
Filed October 19, 1925. Serial No. 221,989. PUBLISHED DECEMBER 1, 1925.

209,391. CANDY. C. F. BLANKE CANDY CO., branch of C. F. Blanke Tea & Coffee Co., St. Louis, Mo.
Filed October 20, 1925. Serial No. 222,001. PUBLISHED DECEMBER 1, 1925.

209,392. CANDY. C. F. BLANKE CANDY CO., branch of C. F. Blanke Tea & Coffee Co., St. Louis, Mo.
Filed October 20, 1925. Serial No. 222,002. PUBLISHED DECEMBER 1, 1925.

209,393. MEDICINE OR PHARMACEUTICAL PREPARATION. ELI LILLY & COMPANY, Indianapolis, Ind.
Filed November 2, 1925. Serial No. 222,686. PUBLISHED DECEMBER 8, 1925.

209,394. MEDICINE OR PHARMACEUTICAL PREPARATION. ELI LILLY & COMPANY, Indianapolis, Ind.
Filed November 2, 1925. Serial No. 222,687. PUBLISHED DECEMBER 8, 1925.

209,395. ROLLED, PRESSED, AND FORMED CHANNELS AND L-CHANNELS, BOTH SEPARATELY AND JOINED TO FORM I-BEAMS, U-CHANNELS, ANGLES, L-ANGLES AND Z-ANGLES. UNITED ALLOY STEEL CORPORATION, New York, N. Y., and Canton, Ohio.
Filed November 1, 1921. Serial No. 154,893. PUBLISHED SEPTEMBER 4, 1923.

209,396. ARTISTS' OIL COLORS. WEIMARFARBE, GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, Weimar, Germany.
Filed May 15, 1923. Serial No. 180,675. PUBLISHED NOVEMBER 17, 1925.

209,397. PERFUMES. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa.
Filed November 2, 1923. Serial No. 187,893. PUBLISHED JANUARY 1, 1924.

209,398. LUMBER AND CONSTRUCTION MATERIALS—NAMELY, ROUGH LUMBER, DRESSED LUMBER, CEMENT, PLASTER, BRICK, LATHS, SASH AND DOORS, ROLL COMPOSITION ROOFING, AND SHINGLE-TYPE COMPOSITION ROOFING. W. D. WOOD LUMBER COMPANY, Birmingham, Ala.
Filed January 9, 1924. Serial No. 190,624. PUBLISHED DECEMBER 23, 1924.

209,399. HIGH-GRADE GASOLINE. MAGNOLIA PETROLEUM COMPANY, Galveston and Dallas, Tex.
Filed May 14, 1924. Serial No. 197,034. PUBLISHED NOVEMBER 24, 1925.

209,400. ALMOND PASTE COMPOSITION FORMED OF GROUND ALMONDS ADAPTED FOR USE AS A SANDWICH SPREAD. CALIFORNIA ALMOND GROWERS EXCHANGE, San Francisco, Calif.
Filed June 9, 1924. Serial No. 198,285. PUBLISHED NOVEMBER 24, 1925.

209,401. FOOD PRODUCT CONSISTING OF SUGAR COMBINED WITH DRY SKIM MILK, DRY WHOLE MILK, COCOA, AND MALT. MARSHAK MALTMOLAK CO. INC., New York and Brooklyn, N. Y.
Filed June 12, 1924. Serial No. 198,464. PUBLISHED AUGUST 26, 1924.

209,402. LEATHER, RUBBER, AND FABRIC SHOES FOR MEN, BOYS, AND YOUTHS. SAWYER SHOE CO., INC., New York, N. Y.
Filed July 14, 1924. Serial No. 200,013. PUBLISHED NOVEMBER 17, 1925.

209,403. MEN'S AND BOYS' SUITS AND OVERCOATS. KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa.
Filed August 8, 1924. Serial No. 201,144. PUBLISHED DECEMBER 1, 1925.

209,404. CANNED FISH. THE FORT COMPANY, Gloucester, Mass., assignor to General Seafoods Corporation, Gloucester, Mass.
Filed August 11, 1924. Serial No. 201,230. PUBLISHED DECEMBER 1, 1925.

209,405. PEANUT-BUTTER SANDWICHES. JOHNSON EDUCATOR FOOD COMPANY, Cambridge, Mass.
Filed August 26, 1924. Serial No. 201,900. PUBLISHED DECEMBER 1, 1925.

209,406. METAL ARCH SUPPORTS. NATHAN NOVELTY MFG. CO., New York, N. Y.
Filed September 29, 1924. Serial No. 203,191. PUBLISHED DECEMBER 1, 1925.

209,407. VARNISH AND READY-MIXED PAINTS. DE SOTO PAINT MANUFACTURING CO., Memphis, Tenn.
Filed September 26, 1924. Serial No. 203,075. PUBLISHED NOVEMBER 3, 1925.

209,408. LIQUID AUTOMOBILE POLISHES. KLEINBERGER & COMP. AKTIENGESELLSCHAFT, Duisburg, Germany.
Filed February 6, 1925. Serial No. 206,905. PUBLISHED NOVEMBER 10, 1925.

209,409. SHOE HEELS. DURABLE RUBBER CORPORATION, Detroit, Mich.
Filed March 2, 1925. Serial No. 210,368. PUBLISHED NOVEMBER 17, 1925.

209,410. PASSENGER-CARRYING AUTOMOBILES. THE WILLYS-OVERLAND COMPANY, Toledo, Ohio.
Filed March 23, 1925. Serial No. 211,510. PUBLISHED NOVEMBER 24, 1925.

209,411. PREPARATION FOR USE IN THE TREATMENT OF BRUISES, SKIN ERUPTIONS, HOOF AND MOUTH DISEASE OF LIVESTOCK, AND A FUMIGANT. M. F. MARTIN, Portland, Oreg.
Filed March 26, 1925. Serial No. 211,691. PUBLISHED MAY 26, 1925.

209,412. GLOVES OF LEATHER, FABRIC, AND LEATHER AND FABRIC. PEERLESS GLOVE COMPANY, Grand Haven, Mich.
Filed March 26, 1925. Serial No. 211,701. PUBLISHED OCTOBER 27, 1925.

209,413. READY-MIXED PAINTS, PAINT ENAMELS, STAINS, VARNISHES, AND LACQUERS. SEATTLE PAINT COMPANY, Seattle, Wash.
Filed March 31, 1925. Serial No. 211,951. PUBLISHED NOVEMBER 17, 1925.

209,414. COFFEE, TEA, SPICES, FLAVORING EXTRACTS FOR FOODS, PEANUT BUTTER, CHILI POWDER, COTTONSEED OIL, OLIVE OIL, PREPARED MUSTARD, ROASTED AND SHELLED PEANUTS, AND VINEGAR. FRANK LIBERTO & Co., San Antonio, Tex.
Filed April 15, 1925. Serial No. 212,741. PUBLISHED DECEMBER 1, 1925.

209,415. CLOAKS, JACKETS; TAILORED CLOAKS, GOWNS, AND SUITS FOR WOMEN; BLOUSES, CAPES, FUR CLOAKS, FUR COATS, CHOKERS, FUR STOLES, FUR SCARFS, MUFFS, PYJAMAS, GOWNS, SCARFS, SASHES; SILK, WOOLEN, OR COTTON HOSIERY AND COMBINATIONS THEREOF; LEATHER OR FABRIC GLOVES OR COMBINATIONS THEREOF; DRESSES, COATS FOR WOMEN, AND SHAWLS. SOCIÉTÉ WORTH, Paris, France.
Filed April 8, 1925. Serial No. 212,405. PUBLISHED DECEMBER 1, 1925.

209,416. AUTO TOP DRESSING AND VALVE-GRINDING COMPOUND. FRED SWAIN, doing business as Standard Auto Products Company, Ohio, Ill.
Filed April 14, 1925. Serial No. 212,702. PUBLISHED DECEMBER 1, 1925.

209,417. SOAPS. SOCIETE EN NOM COLLECTIF M. & L. BIETTE FRERES, Nantes, France, assignors to Biette, Inc., a Corporation of New York.
Filed April 25, 1925. Serial No. 213,326. PUBLISHED NOVEMBER 24, 1925.

209,418. INFANTS' AND CHILDREN'S HATS, BONNETS, AND CAPS. LITTLE PRINCESS HEADWEAR CO., New York, N. Y.
Filed April 27, 1925. Serial No. 213,383. PUBLISHED DECEMBER 1, 1925.

209,419. HOUSE ORGAN PUBLISHED MONTHLY. DICKIE-RAYMOND, Boston, Mass.
Filed May 1, 1925. Serial No. 213,625. PUBLISHED DECEMBER 1, 1925.

209,420. LADIES' HATS. THE LE RAE HAT CO., St. Louis, Mo.
Filed May 4, 1925. Serial No. 213,789. PUBLISHED DECEMBER 1, 1925.

209,421. MIXED PAINT, PAINT ENAMELS, PIGMENTS IN OIL (PASTE), AND VARNISHES. ALLAN J. FIELD, doing business as A. J. Field Paint Company, Newark, N. J.
Filed August 20, 1925. Serial No. 219,116. PUBLISHED NOVEMBER 17, 1925.

209,422. WOMEN'S AND CHILDREN'S HATS. FRED F. CADMUS, doing business as The Dallas Hat Manufacturing Company, Dallas, Tex.
Filed September 14, 1925. Serial No. 220,214. PUBLISHED NOVEMBER 24, 1925.

209,423. MONTHLY MAGAZINE. WHITMEL H. REED, Jr., New Orleans, La.
Filed September 19, 1925. Serial No. 220,468. PUBLISHED NOVEMBER 24, 1925.

209,424. SPRING OILERS WHICH ARE ATTACHED TO VEHICLES. C. GOODWIN BRADLEY INCORPORATED, Syracuse, N. Y.
Filed September 22, 1925. Serial No. 220,595. PUBLISHED NOVEMBER 17, 1925.

209,425. MEN'S UNDERWEAR AND NIGHT WEAR—NAMELY, UNION SUITS, DRAWERS, NIGHTSHIRTS, AND PYJAMAS MADE OF WOVEN TEXTILES. FOUR SQUARE UNDERWEAR CO., Olney, Ill.
Filed September 22, 1925. Serial No. 220,605. PUBLISHED NOVEMBER 17, 1925.

209,426. LAUNDRY SOAP. FRANK R. MARONDE, Chicago, Ill.
Filed September 24, 1925. Serial No. 220,731. PUBLISHED NOVEMBER 17, 1925.

209,427. PRINTED PUBLICATION ISSUED MONTHLY. NATIONAL BUTCHERS' AND PACKERS' SUPPLY ASSOCIATION, New York, N. Y.
Filed September 24, 1925. Serial No. 220,735. PUBLISHED NOVEMBER 24, 1925.

209,428. SILVER POLISH IN CREAM FORM OR IMPREGNATED CLOTH. GORHAM MFG. COMPANY, Providence, R. I.
Filed September 25, 1925. Serial No. 220,772. PUBLISHED NOVEMBER 17, 1925.

209,429. COLOR CARD ISSUED SEMIANNUALLY ON SILKS. WIDDER BROS., New York, N. Y.
Filed September 25, 1925. Serial No. 220,815. PUBLISHED NOVEMBER 10, 1925.

209,430. POWDERED SOAP. I. & G. SOAP WORKS, Brooklyn, N. Y.
Filed October 6, 1925. Serial No. 221,322. PUBLISHED NOVEMBER 17, 1925.

209,431. PIECE GOODS MADE OF SILK. GOLDING FABRICS CORPORATION, New York, N. Y.
Filed October 8, 1925. Serial No. 221,414. PUBLISHED NOVEMBER 24, 1925.

209,432. PIECE GOODS MADE OF SILK. GOLDING FABRICS CORPORATION, New York, N. Y.
Filed October 8, 1925. Serial No. 221,413. PUBLISHED NOVEMBER 24, 1925.

209,433. WOOLEN GOODS IN THE PIECE AND IN CUT LENGTHS. S. STEIN & Co., New York, N. Y.
Filed October 9, 1925. Serial No. 221,515. PUBLISHED NOVEMBER 24, 1925.

209,434. GASOLINE AND KEROSENE. DORN OIL COMPANY, Cleveland, Ohio.
Filed July 16, 1923. Serial No. 183,260. PUBLISHED NOVEMBER 10, 1925.

209,435. CANNED FRUITS, CANNED VEGETABLES, CANNED TOMATOES WITH PURÉE, HONEY, MAYONNAISE DRESSING, RIPE OLIVES, AND SOLID-PACK CANNED TOMATOES. VIRDEN CANNING COMPANY, San Francisco, Calif.
Filed May 29, 1924. Serial No. 197,847. PUBLISHED DECEMBER 8, 1925.

209,436. CANNED AND DRIED FRUITS, CANNED AND DRIED VEGETABLES, CANNED TOMATOES IN PURÉE, CANNED TOMATO PURÉE MADE FROM TRIMMINGS, GREEN AND RIPE OLIVES IN GLASS, DRIED FIGS, HONEY, MARMALADE, TOMATO PASTE, OLIVE OIL, AND MAYONNAISE. VIRDEN CANNING COMPANY, San Francisco, Calif.
Filed May 29, 1924. Serial No. 197,848. PUBLISHED DECEMBER 8, 1925.

209,437. CANNED AND DRIED FRUITS, CANNED AND DRIED VEGETABLES, CANNED TOMATOES IN PURÉE, CANNED TOMATO PURÉE MADE FROM TRIMMINGS, GREEN AND RIPE OLIVES IN GLASS, DRIED FIGS, HONEY, MARMALADE, TOMATO PASTE, AND OLIVE OIL. VIRDEN CANNING COMPANY, San Francisco, Calif.
Filed May 29, 1924. Serial No. 197,850. PUBLISHED MARCH 17, 1925.

209,438. CANNED AND DRIED FRUITS, CANNED AND DRIED VEGETABLES, CANNED TOMATOES IN PURÉE, GREEN AND RIPE OLIVES IN GLASS, DRIED FIGS, HONEY, MARMALADE, TOMATO PASTE, AND OLIVE OIL. VIRDEN CANNING COMPANY, San Francisco, Calif.
Filed May 29, 1924. Serial No. 197,851. PUBLISHED DECEMBER 8, 1925.

209,439. COMPOUND FOR MAKING PUDDINGS AND PIES. FRUIT VALLEY CORPORATION, Rochester, N. Y.
Filed September 22, 1924. Serial No. 202,868. PUBLISHED NOVEMBER 24, 1925.

209,440. HOUSEHOLD FURNITURE — NAMELY, TABLES, CHAIRS, DESKS, TELEPHONE STANDS, STOOLS, CHESTS, FRAMES, MIRRORS, CABINETS, AND AQUARIUM STANDS. L. BAMBERGER & COMPANY, Newark, N. J.
Filed October 23, 1924. Serial No. 204,295. PUBLISHED NOVEMBER 17, 1925.

209,441. CUTLERY. FRIEDR. HERDER ABR. SOHN, Solingen, Germany.
Filed October 27, 1924. Serial No. 204,449. PUBLISHED NOVEMBER 24, 1925.

209,442. BUTTER, EGGS, AND SLICED BACON. NATIONAL STORES CORPORATION, Trenton, N. J.
Filed November 7, 1924. Serial No. 204,975. PUBLISHED NOVEMBER 24, 1925.

209,443. HOUSEHOLD WOODEN FURNITURE — NAMELY, BEDS, DRESSERS, CHIFFONIERS, CABINETS, CHESTS, CHAIRS, TABLES, BOOKCASES, BUFFETS, SMOKING STANDS, BENCHES (TO SIT ON), MIRROR FRAMES, COSTUMERS, DESKS, COMMODES, TALLBOYS, TABORETS, STANDS, FOOTSTOOLS, SECRETARIES, BUREAUS, WARDROBES, SIDEBOARDS, PEDESTALS, DAVENPORTS, SOFAS, SETTEES, LAMP STANDS, BOOKENDS, BOOK TROUGHS, AND TEA WAGONS. JOHNSON FURNITURE COMPANY, Grand Rapids, Mich.
Filed December 8, 1924. Serial No. 206,413. PUBLISHED NOVEMBER 24, 1925.

209,444. LUBRICANTS. BANG SERVICE STATIONS, INC., Mount Vernon, N. Y., assignor to Galena-Signal Oil Co. (of Texas), New York, N. Y., a Corporation of Texas.
Filed December 24, 1924. Serial No. 207,168. PUBLISHED NOVEMBER 24, 1925.

209,445. COMIC STRIP. NEA SERVICE, INC., Cleveland, Ohio.
Filed December 31, 1924. Serial No. 207,511. PUBLISHED NOVEMBER 24, 1925.

209,446. COMIC STRIP. NEA SERVICE, INC., Cleveland, Ohio.
Filed January 9, 1925. Serial No. 207,879. PUBLISHED NOVEMBER 24, 1925.

209,447. MEN'S HOSIERY, MUFFLERS, SWEATERS, FOUR-IN-HAND TIES, BOW TIES, AND CRAVATS. PAUKER BROS., New York, N. Y.
Filed April 14, 1925. Serial No. 212,695. PUBLISHED NOVEMBER 24, 1925.

209,448. MAGAZINE ISSUED MONTHLY. DOUBLEDAY, PAGE & CO., Garden City, N. Y.
Filed April 20, 1925. Serial No. 213,012. PUBLISHED NOVEMBER 17, 1925.

209,449. PAPER FASTENERS. TREIBER-CAHILL MFG. CO., Syracuse, N. Y.
Filed April 29, 1925. Serial No. 213,534. PUBLISHED NOVEMBER 10, 1925.

209,450. SILK PIECE GOODS. SPUNELLA LIMITED, London, England.
Filed May 19, 1925. Serial No. 214,569. PUBLISHED NOVEMBER 24, 1925.

209,451. TOILET PREPARATIONS. ALFRED A. LINDSEY, doing business as Lindsey Products Company, Chicago, Ill.
Filed May 22, 1925. Serial No. 214,732. PUBLISHED NOVEMBER 24, 1925.

209,452. CLEANING COMPOUND IN THE FORM OF A GRANULAR POWDER USED IN WATER AND ADAPTED FOR GENERAL CLEANING PURPOSES. ALBERTA MILLER, doing business as Wizard Products Co., Elizabethtown, Ky.
Filed June 16, 1925. Serial No. 215,871. PUBLISHED NOVEMBER 17, 1925.

209,453. SIRUP FOR TABLE PURPOSES, COFFEE, AND COCOA. BURROW WHOLESALE GROCER CO., Pocahontas, Ark.
Filed June 17, 1925. Serial No. 215,890. PUBLISHED NOVEMBER 24, 1925.

209,454. PRINTED STATIONERY — NAMELY, COMMERCIAL AND SOCIAL LETTERHEADS AND COMMERCIAL AND SOCIAL ENVELOPES. CHARLES R. MYERS, Sebastopol, Calif.
Filed October 7, 1925. Serial No. 221,373. PUBLISHED DECEMBER 1, 1925.

209,455. KNICKERBOCKERS AND BLOOMERS. MAX SEAMON, doing business as Knickerbloom Co., New York, N. Y.
Filed October 7, 1925. Serial No. 221,385. PUBLISHED DECEMBER 1, 1925.

209,456. ANNUAL PUBLICATION. ALVAH DAVISON, New York, N. Y.
Filed October 8, 1925. Serial No. 221,430. PUBLISHED DECEMBER 1, 1925.

209,457. TYPEWRITER PAPER. WILLIAM S. TUTTLE, doing business as Tuttle Law Print, Rutland, Vt.
Filed October 8, 1925. Serial No. 221,463. PUBLISHED DECEMBER 1, 1925.

209,458. SOLUBLE POWDER EMPLOYED AS A DENTIFRICE, MOUTH WASH, AND THROAT GARGLE. JAMES HERMANS, New York, N. Y.
Filed October 9, 1925. Serial No. 221,488. PUBLISHED DECEMBER 1, 1925.

209,459. WATER-TREATING AND BOILER-CLEANING MATERIAL. ROBERT L. TUGGLE, Louisville, Ky.
Filed October 10, 1925. Serial No. 221,575. PUBLISHED DECEMBER 1, 1925.

209,460. LINOLEUM. ARMSTRONG CORK COMPANY, Lancaster, Pa.
Filed October 12, 1925. Serial No. 221,583. PUBLISHED DECEMBER 1, 1925.

209,461. PIECE GOODS KNOWN AS SILK PIECE GOODS. THE DOHERTY & WADSWORTH CO., Paterson, N. J.
Filed October 12, 1925. Serial No. 221,599. PUBLISHED DECEMBER 1, 1925.

209,462. CLEANSING CREAM, MUSCLE OIL, PORE CREAM, CUCUMBER CREAM, VANISHING CREAM, TISSUE CREAM, BLEACHING CREAM, AND SKIN TONIC, LIQUID ROUGE, COMPACT ROUGE, AND FACE POWDER. LADY MARGARET TOILET GOODS CO., Fort Worth, Tex.
Filed October 12, 1925. Serial No. 221,624. PUBLISHED DECEMBER 1, 1925.

209,463. BOYS', GIRLS', AND CHILDRENS' WOOL, COTTON, AND FANCY KNIT UNDERWEAR. MECHANICVILLE KNITTING CO., Mechanicville, N. Y.
Filed October 12, 1925. Serial No. 221,629. PUBLISHED DECEMBER 1, 1925.

209,464. CORK INSOLE CUSHIONS. SPECIALTY MFG. CO., Des Moines, Iowa.
Filed October 12, 1925. Serial No. 221,642. PUBLISHED DECEMBER 1, 1925.

209,465. HAIR TONIC. VIOLET TITTLE, Blountstown, Fla.
Filed October 12, 1925. Serial No. 221,647. PUBLISHED DECEMBER 1, 1925.

209,466. FACE CREAMS, CLEANSING CREAMS, VANISHING CREAMS, FACE LOTIONS, ROUGES, LIP STICKS, HAIR TONICS, HAIR LOTIONS, HAIR SHAMPOOS, HAIR DEPILATORIES, TOILET WATERS, NAIL POLISHES, AND CHEMICALS SUITABLE FOR CUTICLE REMOVING. CHICKEE COMPANY, New York, N. Y.
Filed October 13, 1925. Serial No. 221,659. PUBLISHED DECEMBER 1, 1925.

209,467. MEN'S SUITS AND TOP COATS. SIMON ACKERMAN CLOTHES, INC., New York, N. Y.
Filed October 14, 1925. Serial No. 221,681. PUBLISHED DECEMBER 1, 1925.

209,468. MEN'S SUITS AND TOPCOATS. SIMON ACKERMAN CLOTHES, INC., New York, N. Y.
Filed October 14, 1925. Serial No. 221,683. PUBLISHED DECEMBER 1, 1925.

209,469. HOSIERY. BONWIT TELLER & CO., New York, N. Y.
Filed October 14, 1925. Serial No. 221,691. PUBLISHED DECEMBER 1, 1925.

209,470. HOSIERY. BONWIT TELLER & CO., New York, N. Y.
Filed October 14, 1925. Serial No. 221,692. PUBLISHED DECEMBER 1, 1925.

209,471. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed October 14, 1925. Serial No. 221,698. PUBLISHED DECEMBER 1, 1925.

209,472. STOCKINGS. BROWN-DURRELL CO., Boston, Mass., and New York, N. Y.
Filed October 15, 1925. Serial No. 221,736. PUBLISHED DECEMBER 1, 1925.

209,473. WOMEN'S, MISSES', AND CHILDREN'S DRESSES. THE FRANCHON COMPANY, Philadelphia, Pa.
Filed October 16, 1925. Serial No. 221,814. PUBLISHED DECEMBER 1, 1925.

209,474. HORSE-RADISH RELISH. ANDREW P. SHUBILLA, Reading, Pa.
Filed September 24, 1925. Serial No. 220,742. PUBLISHED DECEMBER 1, 1925.

209,475. CAPS FOR MEN, WOMEN, AND CHILDREN. TRI-CITY CAP MANUFACTURING COMPANY, Davenport, Iowa.
Filed September 24, 1925. Serial No. 220,747. PUBLISHED DECEMBER 1, 1925.

209,476. COTTON PIECE GOODS. COHN HALL MARX CO., New York, N. Y.
Filed September 25, 1925. Serial No. 220,760. PUBLISHED DECEMBER 1, 1925.

209,477. COATS, TROUSERS, VESTS, AND SUITS FOR MEN. CRANE-KENT CLOTHES INC., Cincinnati, Ohio.
Filed September 25, 1925. Serial No. 220,762. PUBLISHED DECEMBER 1, 1925.

209,478. TYPEWRITER PAPER. ROCKWELL-BARNES COMPANY, Chicago, Ill.
Filed September 26, 1925. Serial No. 220,874. PUBLISHED DECEMBER 1, 1925.

209,479. FOOD-FLAVORING EXTRACTS. COLDON J. DARCE, Jeanerette, La.
Filed September 28, 1925. Serial No. 220,888. PUBLISHED DECEMBER 1, 1925.

209,480. CERTAIN FABRICS IN THE PIECE. HOME SERVICE TEXTILE CO. INC., New York, N. Y.
Filed September 28, 1925. Serial No. 220,899. PUBLISHED DECEMBER 1, 1925.

209,481. DOUGH ASSISTANT CONSISTING OF PREPARATION DESIGNED TO IMPROVE THE QUALITY OF LEAVENED BREAD BY INCREASING ITS LIGHTNESS AND FINENESS OF TEXTURE AND BY ACTING AS A YEAST FOOD AND STIMULANT. RUMFORD CHEMICAL WORKS, Providence, R. I.
Filed September 30, 1925. Serial No. 221,032. PUBLISHED DECEMBER 1, 1925.

209,482. COTTON PIECE GOODS. SAYLES FINISHING PLANTS, INC., Saylesville, R. I.
Filed September 30, 1925. Serial No. 221,033. PUBLISHED DECEMBER 1, 1925.

209,483. LADIES' HATS. B. ALTMAN & CO., New York, N. Y.
Filed October 1, 1925. Serial No. 221,045. PUBLISHED DECEMBER 1, 1925.

209,484. MEN'S SHIRTS AND WOMEN'S SHIRT WAISTS. COLUMBUS SHIRT COMPANY, Chicago, Ill.
Filed October 2, 1925. Serial No. 221,096. PUBLISHED DECEMBER 1, 1925.

209,485. LADIES', MEN'S, AND CHILDREN'S HOSIERY. NORMAN GOULD, New York, N. Y.
Filed October 2, 1925. Serial No. 221,113. PUBLISHED DECEMBER 1, 1925.

209,486. FLORISTS' CRÊPE PAPER. THE TUTTLE PRESS COMPANY, Appleton, Wis.
Filed October 2, 1925. Serial No. 221,149. PUBLISHED DECEMBER 1, 1925.

209,487. WRITING AND PRINTING PAPER AND MAILING ENVELOPES. CAREW MANUFACTURING COMPANY, South Hadley Falls, Mass.
Filed October 3, 1925. Serial No. 221,165. PUBLISHED DECEMBER 1, 1925.

209,488. RUBBER HEELS. J. F. MCELWAIN COMPANY, Nashua, N. H.
Filed October 5, 1925. Serial No. 221,267. PUBLISHED DECEMBER 1, 1925.

209,489. COMPOSITION SOLES FOR SHOES. MISHAWAKA RUBBER AND WOOLEN MANUFACTURING COMPANY, Mishawaka, Ind.
Filed October 5, 1925. Serial No. 221,271. PUBLISHED DECEMBER 1, 1925.

209,490. SMOKERS' ARTICLES—NAMELY, PIPES, CIGAR AND CIGARETTE HOLDERS, AND CASES, AND POUCHES. RUBINOVICH AND HASKELL LIMITED, Montreal, Quebec, Canada.
Filed October 5, 1925. Serial No. 221,280. PUBLISHED DECEMBER 1, 1925.

209,491. DEVICES OR APPLIANCES FOR THE PROTECTION OF THE HUMAN EAR FROM NOISE. JAMES PERCY WINN, Tudor Hill, Sutton Coldfield, England.
Filed October 5, 1925. Serial No. 221,298. PUBLISHED DECEMBER 1, 1925.

209,492. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed October 6, 1925. Serial No. 221,310. PUBLISHED DECEMBER 1, 1925.

209,493. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed October 6, 1925. Serial No. 221,312. PUBLISHED DECEMBER 1, 1925.

209,494. WOOLEN GOODS IN THE PIECE. WORUMBO MANUFACTURING COMPANY, Bath, Me.
Filed December 6, 1922. Serial No. 173,021. PUBLISHED JUNE 17, 1924.

209,495. ROTARY STEAM ENGINES. BAKER MOTORS, INC., Erie, Pa.
Filed September 6, 1924. Serial No. 202,275. PUBLISHED DECEMBER 15, 1925.

209,496. PAMPHLETS AND PERIODICALS PUBLISHED FROM TIME TO TIME. SHAPLEIGH HARDWARE COMPANY, St. Louis, Mo.
Filed September 17, 1924. Serial No. 202,718. PUBLISHED DECEMBER 8, 1925.

209,497. COMBINED FENDER BRACES AND HEADLIGHT SUPPORTS. AUTRY MOTOR COMPANY, Dallas, Tex.
Filed February 16, 1925. Serial No. 209,610. PUBLISHED DECEMBER 8, 1925.

209,498. RING TRAVELERS. NATIONAL RING TRAVELER CO., Providence, R. I.
Filed March 9, 1925. Serial No. 210,744. PUBLISHED DECEMBER 15, 1925.

209,499. MONTHLY MAGAZINE. SUNSET MAGAZINE, INC., San Francisco, Calif.
Filed April 11, 1925. Serial No. 212,577. PUBLISHED DECEMBER 8, 1925.

209,500. SILK PIECE GOODS. BENDIX & FIBER, INC., New York, N. Y.
Filed April 14, 1925. Serial No. 212,666. PUBLISHED SEPTEMBER 29, 1925.

209,501. PLOWSHARES, LISTER SHARES, MIDDLEBREAKER SHARES, AND CULTIVATOR SHOVELS. HAVANA MANUFACTURING COMPANY, Havana, Ill.
Filed April 16, 1925. Serial No. 212,813. PUBLISHED DECEMBER 15, 1925.

209,502. COAL. WALLINS CREEK COAL COMPANY, INC., Cincinnati, Ohio.
Filed April 21, 1925. Serial No. 213,106. PUBLISHED DECEMBER 8, 1925.

209,503. BALL BEARINGS AND ROLLER BEARINGS. RIEBE-WERK AKTIENGESELLSCHAFT, Berlin and Weissensee, near Berlin, Germany.
Filed June 16, 1925. Serial No. 215,877. PUBLISHED DECEMBER 15, 1925.

209,504. COAL. GREEN RIVER FUEL COMPANY, INC., Mogg, Ky.
Filed July 9, 1925. Serial No. 217,091. PUBLISHED DECEMBER 8, 1925.

209,505. LAXATIVE FOOD. M. & O. MANUFACTURING COMPANY, INC., Seattle, Wash.
Filed August 21, 1925. Serial No. 219,192. PUBLISHED DECEMBER 1, 1925.

209,506. PERIODICALS, PUBLISHED REGULARLY ONCE A YEAR. EDWARD SMITH & CO., Long Island City, N. Y.
Filed August 31, 1925. Serial No. 219,609. PUBLISHED DECEMBER 8, 1925.

209,507. FLEXIBLE SUPPORTING MEMBERS FOR PARTS OF AUTOMOTIVE VEHICLES AND THE LIKE, PARTICULARLY PIVOT SHACKLES, TENSION SHACKLES, MOTOR AND RADIATOR SUPPORTS, RADIUS-ROD ANCHORS, TORQUE-ARM MOUNTINGS, AND STEERING AND BRAKE-ROD CONNECTIONS. THE BELFLEX CORPORATION, New York, N. Y.
Filed September 5, 1925. Serial No. 219,870. PUBLISHED DECEMBER 8, 1925.

209,508. LITHOGRAPHIC PRINTS. ATLANTIC LITHOGRAPHIC AND PRINTING COMPANY, New York, N. Y.
Filed September 9, 1925. Serial No. 220,014. PUBLISHED DECEMBER 8, 1925.

209,509. HORSE POWERS, WINDLASSES, VISES; GRINDING MILLS FOR CEREALS, ETC.; TRANSMISSION GEARING, RELIEFS FOR PUMP PRESSURE, HYDROPNEUMATIC CYLINDERS, AIR CYLINDERS, WATER CYLINDERS, MOUNTINGS FOR PUMPS, MOUNTINGS FOR WINDMILLS, WORKING HEADS, PUMPING JACKS, INTERNAL-COMBUSTION ENGINES; WATER-SUPPLY SYSTEMS AND PNEUMATIC WATER-SUPPLY SYSTEMS WITH CONTROLLERS, INDICATORS, AND REGULATORS FOR ASSEMBLY IN SAID SYSTEMS, ESPECIALLY FOR DOMESTIC AND AGRICULTURAL INSTALLATIONS; PUMPS, AND WATER-SERVICE APPARATUS. FLINT & WALLING MFG. COMPANY, Kendallville, Ind.
Filed September 10, 1925. Serial No. 220,066. PUBLISHED DECEMBER 15, 1925.

209,510. RAZOR BLADES. INTERNATIONAL SAFETY RAZOR CORPORATION, Bloomfield, N. J.
Filed September 10, 1925. Serial No. 220,074. PUBLISHED DECEMBER 15, 1925.

209,511. BICYCLES. A. G. SPALDING & BROS., New York, N. Y.
Filed September 17, 1925. Serial No. 220,370. PUBLISHED DECEMBER 8, 1925.

209,512. DISH, SILVER, AND GLASS CLEANING MACHINES AND METAL-PARTS-CLEANING MACHINES. COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn.
Filed September 22, 1925. Serial No. 220,596. PUBLISHED DECEMBER 15, 1925.

209,513. PLOWSHARES, LISTER SHARES, MIDDLEBREAKER SHARES, AND CULTIVATOR SHOVELS. HAVANA MANUFACTURING COMPANY, Havana, Ill.
Filed September 25, 1925. Serial No. 220,773. PUBLISHED DECEMBER 15, 1925.

209,514. MEDICINE FOR TREATMENT OF PYORRHEA AND AILMENTS OF THE ORAL TISSUES. FREDERICK BORCHERS, Sioux City, Iowa.
Filed October 20, 1925. Serial No. 222,003. PUBLISHED DECEMBER 1, 1925.

209,515. ANTISEPTIC AND ASTRINGENT REMEDY. WILLIAM BRESLAW, Yonkers, N. Y.
Filed October 20, 1925. Serial No. 222,009. PUBLISHED DECEMBER 1, 1925.

209,516. FACE POWDERS, FACE CREAMS, FACE PACKS, PERFUMES, TOILET WATERS, ROUGES, LIP STICKS, HAIR TONICS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, TALCUM POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, SACHETS, EYEBROW PENCILS, BATH SALTS, AND INCENSE. CRYSTAL-LEE, INC., New York, N. Y.
Filed October 20, 1925. Serial No. 222,014. PUBLISHED DECEMBER 1, 1925.

209,517. SHEATH KNIFE. CATTARAUGUS CUTLERY CO., Little Valley, N. Y.
Filed September 30, 1925. Serial No. 220,995. PUBLISHED DECEMBER 15, 1925.

209,518. PERFUMES, TOILET WATERS, FACE LOTIONS, FACE CREAMS, FACE POWDERS, ROUGES, AND LIP STICK. LIONEL TRADING CO. INC., New York, N. Y.
Filed September 30, 1925. Serial No. 221,018. PUBLISHED DECEMBER 1, 1925.

209,519. GARMENTS MADE OF LINEN, WOOL, COTTON, ARTIFICIAL SILK, OIL SILK, AND OTHER WATERPROOF MATERIAL—NAMELY, COATS, JACKETS, WAISTCOATS, TROUSERS, CAPS, AND HATS FOR MEN, WOMEN, AND CHILDREN. EDWARD MACBEAN & COMPANY LIMITED, Glasgow, Scotland.
Filed October 2, 1925. Serial No. 221,124. PUBLISHED DECEMBER 1, 1925.

209,520. ANTISEPTIC ASTRINGENT AND DEODORANT MOUTH WASH FOR TREATING PYORRHEA, TRENCH MOUTH, BLEEDING GUMS, AND FOR HAY FEVER. EDWARD C. MILLER, Williamsport, Pa.
Filed October 8, 1925. Serial No. 221,429. PUBLISHED DECEMBER 1, 1925.

209,521. LAXATIVE. BETTER HEALTH COMPANY, Smyrna, Del.
Filed October 9, 1925. Serial No. 221,474. PUBLISHED DECEMBER 1, 1925.

209,522. REAMERS. WETMORE REAMER COMPANY, Milwaukee, Wis.
Filed October 10, 1925. Serial No. 221,578. PUBLISHED DECEMBER 15, 1925.

209,523. BATH SALTS. PERMA PRODUCTS CO., Bellingham, Wash.
Filed October 20, 1925. Serial No. 222,045. PUBLISHED DECEMBER 1, 1925.

209,524. LADIES' AND MISSES' COATS, SUITS, DRESSES, AND LINGERIE. THE HARMONY CO., Portland, Oreg.
Filed October 16, 1925. Serial No. 221,880. PUBLISHED DECEMBER 1, 1925.

209,525. DISINFECTANT AND DEODORIZER. GEO. G. RANDALL, doing business as The Newater Company, Chicago, Ill.
Filed October 20, 1925. Serial No. 222,046. PUBLISHED DECEMBER 1, 1925.

209,526. THERAPEUTIC VIBRATORS. GEORGE STARR WHITE, Los Angeles, Calif.
Filed October 20, 1925. Serial No. 222,056. PUBLISHED DECEMBER 1, 1925.

209,527. LAXATIVE PILLS OR TABLETS. K. A. HUGHES COMPANY, Boston, Mass.
Filed October 21, 1925. Serial No. 222,070. PUBLISHED DECEMBER 1, 1925.

209,528. MEDICAL PREPARATION FOR USE AS A LAXATIVE. MAX BURDE, New York, N. Y.
Filed October 22, 1925. Serial No. 222,107. PUBLISHED DECEMBER 1, 1925.

209,529. HOUSE ORGAN (PUBLICATION ISSUED MONTHLY). KIER LETTER COMPANY, Chicago, Ill.
Filed October 22, 1925. Serial No. 222,125. PUBLISHED DECEMBER 1, 1925.

209,530. MAGAZINE SECTION. LESLIE-JUDGE COMPANY, New York, N. Y.
Filed October 22, 1925. Serial No. 222,130. PUBLISHED DECEMBER 1, 1925.

209,531. FEMALE TONIC AND PREPARATION FOR MAKING SYRINGE SOLUTION. BRAGER ESTES THOMAS, Little Rock, Ark.
Filed October 22, 1925. Serial No. 222,147. PUBLISHED DECEMBER 1, 1925.

209,532. PERIODICALS ISSUED MONTHLY. THE CURTIS PUBLISHING COMPANY, Philadelphia, Pa.
Filed October 17, 1925. Serial No. 221,880. PUBLISHED DECEMBER 1, 1925.

209,533. FERTILIZERS. SOUTHERN FERTILIZER & CHEMICAL COMPANY, Savannah, Ga.
Filed October 19, 1925. Serial No. 221,980. PUBLISHED DECEMBER 1, 1925.

209,534. MAGAZINE PUBLISHED MONTHLY. CORTH PUBLISHING COMPANY, New York, N. Y.
Filed October 24, 1925. Serial No. 222,221. PUBLISHED DECEMBER 1, 1925.

209,535. NEWSPAPER FEATURE ARTICLES. FAMOUS FEATURES SYNDICATE, INC., New York, N. Y.
Filed October 24, 1925. Serial No. 222,230. PUBLISHED DECEMBER 1, 1925.

209,536. COMIC STRIPS PUBLISHED PERIODICALLY. LIFE PUBLISHING COMPANY, New York, N. Y.
Filed October 24, 1925. Serial No. 222,261. PUBLISHED DECEMBER 1, 1925.

209,537. WIRE FENCE. CRAWFORDSVILLE WIRE & NAIL CO., Crawfordsville, Ind.
Filed October 26, 1925. Serial No. 222,309. PUBLISHED DECEMBER 1, 1925.

209,538. STEEL. KLOSTER STEEL CORPORATION, Chicago, Ill.
Filed October 26, 1925. Serial No. 222,325. PUBLISHED DECEMBER 1, 1925.

209,539. HAMMERS. KELLY AXE & TOOL COMPANY, Charleston, W. Va.
Filed October 21, 1925. Serial No. 222,074. PUBLISHED DECEMBER 15, 1925.

209,540. POCKETKNIVES. UTICA CUTLERY COMPANY, Utica, N. Y.
Filed September 25, 1925. Serial No. 220,811. PUBLISHED DECEMBER 15, 1925.

209,541. PERFUME, TOILET WATER, TALCUM, FACE POWDER, FACE-POWDER COMPACTS, BEAUTY CREAM, CLEANSING CREAM, AND ROUGE. UNITED DRUG COMPANY, Boston, Mass., doing business as Langlois, New York.
Filed September 29, 1925. Serial No. 220,982. PUBLISHED DECEMBER 1, 1925.

209,542. HUNTING KNIFE. CATTARAUGUS CUTLERY CO., Little Valley, N. Y.
Filed September 30, 1925. Serial No. 220,994. PUBLISHED DECEMBER 15, 1925.

209,543. SCRIM. FAIRCLOUGH & GOLD, INC., Boston, Mass.
Filed June 19, 1925. Serial No. 216,033. PUBLICATION WAIVED.

209,544. CANNED AND DEHYDRATED FRUITS, CANNED AND DEHYDRATED VEGETABLES—NAMELY, APRICOTS, PRUNES, AND SPINACH. KING'S FOOD PRODUCTS CO., Portland, Oreg.
Filed October 24, 1922. Serial No. 171,129. PUBLISHED JULY 3, 1923.

209,545. GASOLINE. CLIFFORD H. WAGONER, Zanesville, Ohio.
Filed November 2, 1923. Serial No. 187,890. PUBLISHED NOVEMBER 24, 1925.

209,546. PEARL BUTTONS, SNAP FASTENERS, HOOKS AND EYES, PINS, SAFETY PINS, HAIRPINS, BIAS TAPE, DRESS SHIELDS, LINGERIE TAPE, THIMBLES NOT OF PRECIOUS METAL, AND COTTON TAPE. RICH-STIX DRY GOODS COMPANY, St. Louis, Mo.
Filed June 30, 1924. Serial No. 199,391. PUBLISHED FEBRUARY 3, 1925.

209,547. LINEN THREAD. THE LINEN THREAD COMPANY, Paterson, N. J., and New York, N. Y.
Filed July 26, 1924. Serial No. 200,567. PUBLISHED NOVEMBER 18, 1924.

209,548. SERIES OF FANCIFUL PICTURES. DOUGH-BOY DOUGH-SAVER SERIES COMPANY, St. Louis, Mo.
Filed August 25, 1924. Serial No. 201,838. PUBLISHED DECEMBER 1, 1925.

209,549. BOOTS AND SHOES OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF. WOODBURY SHOE COMPANY, Beverly, Mass.
Filed September 24, 1924. Serial No. 203,017. PUBLISHED DECEMBER 1, 1925.

209,550. LADIES' SHOES, SLIPPERS, AND BOOTS MADE FROM LEATHER, FABRIC, RUBBER, OR A COMBINATION OF EACH. THE HOMAN-HUGHES COMPANY, Cincinnati, Ohio.
Filed October 2, 1924. Serial No. 203,814. PUBLISHED DECEMBER 1, 1925.

209,551. SOLES FOR SHOES COMPOSED OF COMPOSITION RUBBER. DRYDEN RUBBER COMPANY, Chicago, Ill.
Filed October 18, 1924. Serial No. 204,091. PUBLISHED DECEMBER 1, 1925.

209,552. HOSIERY. SOLIDSILK HOSIERY CO. INC., New York, N. Y.
Filed November 26, 1924. Serial No. 205,892. PUBLISHED DECEMBER 1, 1925.

209,553. KNITTED NECKTIES OF SILK AND ARTIFICIAL SILK AND KNITTED MUFFLERS OF SILK AND ARTIFICIAL SILK. SALVATOR BONAN, New York, N. Y.
Filed November 29, 1924. Serial No. 205,987. PUBLISHED JANUARY 18, 1925.

209,554. PAINTS OF ALL KINDS. THE HOLLAND VARNISH COMPANY, LIMITED, Montreal, Quebec, Canada.
Filed December 13, 1924. Serial No. 206,668. PUBLISHED NOVEMBER 3, 1925.

209,555. SHOES MADE OF LEATHER ONLY. EDW. J. DONAHUE, Chicago, Ill.
Filed December 24, 1924. Serial No. 207,181. PUBLISHED DECEMBER 1, 1925.

209,556. READY-MIXED PAINTS AND VARNISHES. PARAGON PAINT & VARNISH CORPORATION, Long Island City, N. Y.
Filed December 31, 1924. Serial No. 207,513. PUBLISHED NOVEMBER 10, 1925.

209,557. CARBON PAPERS AND TYPEWRITING RIBBONS. WILHELM KORESKA, Vienna, Austria.
Filed January 16, 1925. Serial No. 208,200. PUBLISHED NOVEMBER 3, 1925.

209,558. COFFEE. THE VINCENT BROS. CO., Bridgeport, Conn.
Filed February 11, 1925. Serial No. 209,445. PUBLISHED DECEMBER 1, 1925.

209,559. SHOES CONSTRUCTED OF LEATHER, RUBBER, AND FABRIC. HARRY J. DUDLEY, Cincinnati, Ohio.
Filed March 3, 1925. Serial No. 210,449. PUBLISHED DECEMBER 1, 1925.

209,560. PREPARED SHELLAC AND SHELLAC SUBSTITUTES. MARX & RAWOLLE, INC., New York, N. Y.
Filed March 3, 1925. Serial No. 210,495. PUBLISHED NOVEMBER 3, 1925.

209,561. VARIABLE CONDENSERS. A. H. GREBE & CO., INC., Richmond Hill, N. Y.
Filed March 7, 1925. Serial No. 210,658. PUBLISHED DECEMBER 1, 1925.

209,562. SPORTING GOODS—NAMELY, GOLF CLUBS, BOTH WOODEN AND IRON, GOLF BALLS, AND BASEBALL BATS. HILLERICH & BRADSBY CO., Louisville, Ky.
Filed March 20, 1925. Serial No. 211,857. PUBLISHED NOVEMBER 10, 1925.

209,563. TOBACCO—NAMELY, SMOKING TOBACCO, INCLUDING GRANULATED, SLICED, PLUG, AND FLAKE PLUG. AND CIGARETTES. LARUS & BROTHER CO., INCORPORATED, Richmond, Va.
Filed April 2, 1925. Serial No. 212,089. PUBLISHED SEPTEMBER 1, 1925.

209,564. CEREALS AND CEREAL PRODUCTS INTENDED FOR USE AS FOOD OR FEEDS—NAMELY, LAYING MASH, STARTING MASH, GROWING MASH, CHICK FEED, SCRATCH FEED, STOCK FEED, PARTICULARLY HORSE AND MULE FEED, DAIRY FEED, AND WHEAT FLOUR. BLACK & WHITE MILLING COMPANY, East St. Louis, Ill.
Filed September 15, 1925. Serial No. 220,284. PUBLISHED DECEMBER 1, 1925.

209,565. WOMEN'S AND CHILDREN'S HATS. REGUN MILLINERY COMPANY, INC., Baltimore, Md.
Filed September 16, 1925. Serial No. 220,323. PUBLISHED NOVEMBER 24, 1925.

209,566. WHITE TABLE MEAL AND YELLOW TABLE MEAL. THE ANSTED & BURK CO., Springfield, Ohio.
Filed September 17, 1925. Serial No. 220,332. PUBLISHED DECEMBER 1, 1925.

209,567. LEATHER SHOES. LEONARD & BARROWS, Middleboro and Boston, Mass.
Filed September 17, 1925. Serial No. 220,347. PUBLISHED NOVEMBER 17, 1925.

209,568. CIGARETTES. PALESTINE CIGARETTE & TOBACCO CO. INC., Boston, Mass.
Filed September 17, 1925. Serial No. 220,357. PUBLISHED DECEMBER 1, 1925.

209,569. BUTTER, CHEESE, CASEIN, DRIED MILK OR MILK POWDER, CONDENSED MILK, AND EVAPORATED MILK. SOCIEDAD ANONIMA ELOWSON Y WESTER, LTDA., Buenos Aires, Argentina.
Filed September 17, 1925. Serial No. 220,366. PUBLISHED DECEMBER 1, 1925.

209,570. ADHESIVE TAPE, KNEE AND ANKLE BRACES. A. G. SPALDING & BROS., New York, N. Y.
Filed September 17, 1925. Serial No. 220,367. PUBLISHED NOVEMBER 10, 1925.

209,571. CERTAIN NAMED FOODS. CHARLES HEWITT & SONS CO., Des Moines, Iowa.
Filed September 18, 1925. Serial No. 220,406. PUBLISHED DECEMBER 1, 1925.

209,572. FURNITURE POLISH. THE SUNGLOW COMPANY, New York, N. Y.
Filed September 19, 1925. Serial No. 220,483. PUBLISHED NOVEMBER 17, 1925.

209,573. CANDY. THE CHICLE PRODUCTS COMPANY, Newark, N. J.
Filed September 21, 1925. Serial No. 220,496. PUBLISHED DECEMBER 1, 1925.

209,574. FILTERS AND WATER-SOFTENING APPARATUS. THE DURO PUMP AND MANUFACTURING COMPANY, Dayton, Ohio.
Filed September 21, 1925. Serial No. 220,508. PUBLISHED DECEMBER 1, 1925.

209,575. CERTAIN NAMED FOODS. GRAINGER BROS. CO., Lincoln, Nebr.
Filed September 21, 1925. Serial No. 220,528. PUBLISHED DECEMBER 1, 1925.

209,576. LEATHER BOOTS AND SHOES. HELMHOLZ SHOE MANUFACTURING COMPANY, Cudahy, Wis.
Filed September 21, 1925. Serial No. 220,531. PUBLISHED NOVEMBER 24, 1925.

209,577. CONFECTIONERY COATINGS AND COVERINGS—NAMELY, CHOCOLATE COATINGS FOR EDIBLE SUBSTANCES. FORTUNE PRODUCTS COMPANY, Chicago, Ill.
Filed September 22, 1925. Serial No. 220,604. PUBLISHED DECEMBER 1, 1925.

209,578. OLIVE OIL. ROGERS-LUDLOW INCORPORATED, New York, N. Y.
Filed September 22, 1925. Serial No. 220,620. PUBLISHED DECEMBER 1, 1925.

209,579. MIXED PAINTS, PAINT ENAMELS, PIGMENTS IN OIL (PASTE), AND VARNISHES. ALLAN J. FIELD, doing business as A. J. Field Paint Co., Newark, N. J.
Filed August 20, 1925. Serial No. 219,117. PUBLISHED NOVEMBER 17, 1925.

209,580. WOMEN'S AND MISSES' APPAREL. THE KEEBOER STORE, INCORPORATED, New Orleans, La.
Filed August 21, 1925. Serial No. 219,190. PUBLISHED DECEMBER 1, 1925.

209,581. COAL FURNACES. COAL STOKER CORPORATION, Chicago, Ill.
Filed August 24, 1925. Serial No. 219,274. PUBLISHED NOVEMBER 17, 1925.

209,582. VANILLA EXTRACT (DIHYDROPARA METHYL VANILLYL KETONIC COMPOUND) FOR FOOD-FLAVORING PURPOSES. BELGIAN TRADING COMPANY, INC., New York, N. Y.
Filed August 28, 1925. Serial No. 219,471. PUBLISHED DECEMBER 1, 1925.

209,583. FLAT WALL PAINTS. AMALGAMATED PAINT COMPANY, New York, N. Y.
Filed August 29, 1925. Serial No. 219,511. PUBLISHED NOVEMBER 10, 1925.

209,584. BRASSIÈRES, GIRDLES, AND COMBINATION BRASSIÈRES AND GIRDLES MADE OF SATIN. LORETTA F. TIGHE, doing business as Youthfulform Brassière Co., New York, N. Y.
Filed August 29, 1925. Serial No. 219,560. PUBLISHED NOVEMBER 24, 1925.

209,585. PAINT AND VARNISH REMOVER. VIERLING CHEMICAL CO., Chicago, Ill.
Filed August 29, 1925. Serial No. 219,562. PUBLISHED NOVEMBER 17, 1925.

209,586. WARM-AIR FURNACES. INTERNATIONAL HEATER COMPANY, Utica, N. Y.
Filed August 31, 1925. Serial No. 219,587. PUBLISHED NOVEMBER 3, 1925.

209,587. POLISH FOR FURNITURE, WOODWORK, FLOORS, AUTOMOBILES, AND PIANOS. BOUQUET-BROWNSON CO., INC., St. Paul, Minn.
Filed September 3, 1925. Serial No. 219,712. PUBLISHED NOVEMBER 24, 1925.

209,588. TEA. COLOMBO COMMERCIAL COMPANY, LTD., London, England, and Colombo, Ceylon.
Filed September 3, 1925. Serial No. 219,716. PUBLISHED DECEMBER 1, 1925.

209,589. TEA. COLOMBO COMMERCIAL COMPANY, LTD., London, England, and Colombo, Ceylon.
Filed September 3, 1925. Serial No. 219,718. PUBLISHED DECEMBER 1, 1925.

209,590. TEA. COLOMBO COMMERCIAL COMPANY, LTD., London, England, and Colombo, Ceylon.
Filed September 3, 1925. Serial No. 219,720. PUBLISHED DECEMBER 1, 1925.

209,591. TEA. COLOMBO COMMERCIAL COMPANY, LTD., London, England, and Colombo, Ceylon.
Filed September 3, 1925. Serial No. 219,721. PUBLISHED DECEMBER 1, 1925.

209,592. TEA. COLOMBO COMMERCIAL COMPANY, LTD., London, England, and Colombo, Ceylon.
Filed September 3, 1925. Serial No. 219,722. PUBLISHED DECEMBER 1, 1925.

209,593. TEA. COLOMBO COMMERCIAL COMPANY, LTD., London, England, and Colombo, Ceylon.
Filed September 3, 1925. Serial No. 219,723. PUBLISHED DECEMBER 1, 1925.

209,594. TEA. COLOMBO COMMERCIAL COMPANY, LTD., London, England, and Colombo, Ceylon.
Filed September 3, 1925. Serial No. 219,724. PUBLISHED DECEMBER 1, 1925.

209,595. TEA. COLOMBO COMMERCIAL COMPANY, LTD., London, England, and Colombo, Ceylon.
Filed September 3, 1925. Serial No. 219,725. PUBLISHED DECEMBER 1, 1925.

209,596. PROCESSED OIL ENAMEL FOR INTERIOR USE. REMIEN & KUHNERT CO., Chicago, Ill.
Filed September 3, 1925. Serial No. 219,764. PUBLISHED NOVEMBER 3, 1925.

209,597. COMPOUND FOR USE AS A CEMENT-PAINT BASE. THE SULLIVAN COMPANY, Memphis, Tenn.
Filed September 4, 1925. Serial No. 219,858. PUBLISHED NOVEMBER 24, 1925.

209,598. COMPOUND FOR USE AS A CEMENT-PAINT BASE. THE SULLIVAN COMPANY, Memphis, Tenn.
Filed September 4, 1925. Serial No. 219,862. PUBLISHED NOVEMBER 24, 1925.

209,599. CANNED VEGETABLES—NAMELY, PEAS. BOZEMAN CANNING CO., Bozeman, Mont.
Filed September 8, 1925. Serial No. 219,932. PUBLISHED DECEMBER 1, 1925.

209,600. HOSIERY. THE MERIT HOSIERY COMPANY, INC., Ozone Park and New York, N. Y.
Filed September 8, 1925. Serial No. 219,976. PUBLISHED DECEMBER 1, 1925.

209,601. GIRDLES, CORSET GARTERS, AND BRASSIÈRES FOR WOMEN, AND GARTERS FOR MEN AND WOMEN. WILLIAM F. MOORE, Glendale, Calif.
Filed September 8, 1925. Serial No. 219,978. PUBLISHED NOVEMBER 24, 1925.

209,602. CAPS FOR MEN AND CHILDREN. H. NEWMAN CO., New York, N. Y.
Filed September 9, 1925. Serial No. 219,984. PUBLISHED NOVEMBER 17, 1925.

209,603. PREPARED LIQUID PAINTS. SPRAY PAINT COMPANY, Chicago, Ill.
Filed September 9, 1925. Serial No. 220,040. PUBLISHED NOVEMBER 17, 1925.

209,604. WELTING FOR FINE SHOES. PERLEY B. BARBOUR, doing business as Barbour Welting Company, Montello Station, Brockton, Mass.
Filed September 10, 1925. Serial No. 220,060. PUBLISHED NOVEMBER 17, 1925.

209,605. COFFEE. H I' COFFEE COMPANY, St. Louis, Mo.
Filed September 11, 1925. Serial No. 220,126. PUBLISHED DECEMBER 1, 1925.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

209,606. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) UEHLING INSTRUMENT COMPANY, Paterson, N. J. Filed Dec. 31, 1925. Serial No. 225,385.

WASTE METER

Particular description of goods.—Combined CO_2 and Temperature Recorders.
Claims use since 1907.

209,607. (CLASS 37. PAPER AND STATIONERY.) JOEL S. HARTMAN, doing business as Woodland Mills, New York, N. Y. Filed Dec. 19, 1925. Serial No. 224,912.

"Titewound"

Particular description of goods.—Toilet Paper.
Claims use since Dec. 2, 1922.

209,608. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) MARCELLUS W. MERK, Arcadia, Calif. Filed Dec. 10, 1925. Serial No. 224,523.



Particular description of goods.—Dressed and Dyed Furs.
Claims use since Apr. 1, 1924.

209,609. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) BLACKWOOD COAL AND COKE COMPANY, Blackwood, Va., and Spartanburg, S. C. Filed Dec. 3, 1925. Serial No. 224,175.

PARSONS

Particular description of goods.—Coal.
Claims use since 1909.

209,610. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) BLACKWOOD COAL AND COKE COMPANY, Blackwood, Va., and Spartanburg, S. C. Filed Dec. 3, 1925. Serial No. 224,174.

CALVIN

Particular description of goods.—Coal.
Claims use since 1922.

209,611. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) BLACKWOOD COAL AND COKE COMPANY, Blackwood, Va., and Spartanburg, S. C. Filed Dec. 3, 1925. Serial No. 224,173.

Blackwood

Particular description of goods.—Coal.
Claims use since 1923.

209,612. (CLASS 39. CLOTHING.) PRESIDENT SUSPENDER COMPANY, Shirley, Mass. Filed Nov. 27, 1925. Serial No. 223,940.

CLINTON

Particular description of goods.—Suspenders and Garters.
Claims use since November, 1921.

209,613. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) MIDLAND COAL COMPANY, Kansas City, Mo. Filed Nov. 7, 1925. Serial No. 222,988.

OZARK

Particular description of goods.—Coal.
Claims use since fall of the year 1923.

209,614. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ABRAHAM ROSENBLUTH, doing business as Nu-Blood Manufacturing Company, Newark, N. J. Filed Oct. 24, 1925. Serial No. 222,282.

Nu-Blood
THE
SUPER TONIC

Particular description of goods.—System Tonic and Blood Purifier.
Claims use since Jan. 1, 1925.

209,615. (CLASS 39. CLOTHING.) LOUIS BECK, New York, N. Y. Filed Oct. 24, 1925. Serial No. 222,210.

Beck
Tailored
Hats and Caps
New York Since 1910

No claim is made to the words "Hats and Caps" apart from the mark as shown on the drawing.
Particular description of goods.—Hats and Caps for Men and Boys.
Claims use since Jan. 4, 1924.

209,616. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HAWAIIAN PINEAPPLE COMPANY, LTD., San Francisco, Calif., and Iwilei, Hawaii. Filed Oct. 6, 1925. Serial No. 221,317.

Jas Dole

HAWAIIAN
PINEAPPLE CO.
LTD.

Particular description of goods.—Canned Pineapple, Canned Pineapple Juice for Food-Flavoring Purposes, Marmalade, and Pickles.
Claims use since Dec. 4, 1901.

209,617. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) OSCAR W. MAPES, doing business as Maple Dale Farm, Middletown, N. Y. Filed Dec. 18, 1925. Serial No. 224,875.

DAY OLD
QUALITY

Particular description of goods.—Eggs.
Claims use since Sept. 5, 1924.

209,618. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) A. S. ALOE CO., St. Louis, Mo. Filed Nov. 16, 1925. Serial No. 223,357.

VALENTINE

Particular description of goods.—Combined Chairs and Operating Tables for Doctors' and Surgeons' Use.
Claims use since January, 1912.

209,619. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) A. S. ALOE CO., St. Louis, Mo. Filed Nov. 16, 1925. Serial No. 223,356.

NICHOLAS SENN

Particular description of goods.—Operating Tables for Doctors' and Surgeons' Use.
Claims use since February, 1913.

209,620. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BOZEMAN CANNING CO., Bozeman, Ariz. Filed Sept. 8, 1925. Serial No. 219,933.

GALLATIN VALLEY

Particular description of goods.—Canned Peas.
Claims use since 1918.

209,621. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AKTIENGELLSCHAFT CHOCOLAT TOBLER, Berne, Switzerland. Filed July 25, 1925. Serial No. 217,847.

Tobler

Particular description of goods.—Chocolate.
Claims use since Jan. 13, 1912.

209,622. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed June 27, 1925. Serial No. 216,529.

Tub-Fast

Particular description of goods.—Washable Cotton Suiting in the Piece and Cotton Beach Cloth in the Piece.
Claims use since Jan. 8, 1925.

209,623. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LAWRENCEBURG ROLLER MILLS CO., Lawrenceburg, Ind. Filed June 8, 1925. Serial No. 215,468.

DEARBORN MILLS
Delicious

Particular description of goods.—Self-Rising Wheat Flour.
Claims use since Mar. 20, 1924.

209,624. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) PLAYGROUND & GYMNASIUM EQUIPMENT CO., Minneapolis, Minn. Filed Dec. 18, 1924. Serial No. 206,686.

"SAFETY-BUILT"

Particular description of goods.—Playground Equipment—Namely, Teeter Totters, Swings, Rings, Slides, Climbing Poles, Jump Bars.
Claims use since June 4, 1924.

209,625. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) LEON A. OLMSTED, doing business as Vim Chain Stores, Chicago, Ill. Filed Dec. 12, 1924. Serial No. 206,632.

CHAIN VIM STORES

Particular description of goods.—Bicycles, Parts of Bicycles—Namely, Luggage Carriers, Basket Carriers, Chains, Chain Adjusters, Saddle Clamps, Saddles, Cone Sets, Crank Hanger, Forks, Grips, Handle Bars, Wheels, Wheel Hubs, Coaster Brakes, Hub Shiners, Mud Guards, Mud-Guard Braces, Mud-Guard Attachment Sets, Spokes, Spoke Nipples, Spoke-Nipple Grips, Pedals, Pedal Rubbers, Rims, Seat Post, Stand, Handle Bar Extension Stem, and Valve Caps.
Claims use since Dec. 15, 1922.

209,626. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) MONARCH LEATHER COMPANY, Chicago, Ill. Filed Dec. 12, 1924. Serial No. 206,629.

WARWICK

Particular description of goods.—Leather.
Claims use since Nov. 1, 1924.

209,627. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE WAGNER MANUFACTURING COMPANY, Sidney, Ohio. Filed Dec. 3, 1924. Serial No. 206,204.

TWO-WAY COFFEE MAKER

Particular description of goods.—Utensils for Making Coffee.
Claims use since Nov. 21, 1924.

209,628. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE PISTON RING COMPANY, Muskegon Heights, Mich. Filed Dec. 3, 1924. Serial No. 206,186.

DRAINOIL

Particular description of goods.—Piston Rings.
Claims use since Oct. 15, 1924.

209,629. (CLASS 39. CLOTHING.) WORKMAN'S OVERALL & SHIRT CO., INC., Clearfield, Pa. Filed Oct. 31, 1925. Serial No. 222,651.

WORKMAN'S

No claim is made to the word "Workman's" apart from the mark shown in the drawings or the representation of the top of the button.
Particular description of goods.—Workmen's Overalls and Shirts.
Claims use since July 1, 1922.

209,630. (CLASS 39. CLOTHING.) MCCAUSLAND BROS., Los Angeles, Calif. Filed May 24, 1923. Serial No. 181,083.

McCausland's Artistic Shoes

No claim is made to the word "Shoes" apart from the mark as shown.
Particular description of goods.—Men's, Women's, and Children's Shoes Made of Leather.
Claims use since Apr. 7, 1923.

209,631. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE HOUDAILLE COMPANY, Buffalo, N. Y. Filed Dec. 4, 1923. Serial No. 189,197.

SCULLY

Particular description of goods.—Spring Covers.
Claims use since Sept. 1, 1922.

209,632. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VAN ANTWERP'S DRUG CORPORATION, INC., Mobile, Ala. Filed May 27, 1924. Serial No. 197,694.

Van Antwerp's

Particular description of goods.—Gum Asafetida, Calomel, Powdered Alum, Bluestone, Oil Citronella, Sirup Cocillana Compound, Distilled Witch-Hazel, Muriatic Acid, Spirits Camphor, Mosquito Repellent, Chloroform Liniment, Sulphur, Sirup of Ipecac, Senna and Manna, Sassafras Bark, Tincture Iodine, Tincture Larkspur, Tincture Arnica, Saltpeter, Quinine Sulphate, Rubefacient Liniment, Rochelle Salt, Sirup of Squill, Sweet Spirits of Niter, Sirup Asafetida, Paregoric, Opodeldoc, Oil of Tar, Powdered Nux Vomica, Carminative Cordial, Antiseptic Solution, Insect Powder, Calomel and Soda Tablets, Liquid for Taking Off Corns, Aloes, Rose Water and Glycerine, Glycerin, Honey, Urine Test (Alkaline), Cascara Sagrada (Fluid Extract), Indian File, Urine Test (Copper), Epsom Salts, Cream Tartar, Copperas, Calomel Tablets, Dewees's Carminative, Camphorated Oil, Powdered Borax, Balsam Copaiba, Castor Oil, Carbolic Acid, Cod-Liver Oil, Alum, Boracic Acid, Aqua Ammonia, Tincture Asafetida, Limewater, White Mustard Seed, Cleveland Bitters, Nerve and Bone Liniment, Cochineal Coloring, Refined Borax, Friar's Balsam, Sulphuric Acid, Nitric Acid, Oxalic Acid, Muriatic Acid, Acetic Acid, Aromatic Spirits of Ammonia, Tincture of Cinchona Compound, Tincture Nux Vomica, Tincture Benzoin, Spiced Sirup of Rhubarb, Oil Sweet Almonds, Mutton Suet, Goose Grease, Hoffman's Anodyne, Strongest Ammonia, Pinkroot Vermifuge, Children's Cough Sirup, Compound Sirup of White Pine, Cough and Cold Sirup, Pure Sweet Oil, Chill and Fever Tonic, Face Cream, Family Liniment, Olive Lotion for the Complexion, Liquid for Killing Ants, Headache Preparation, Tasteless Castor Oil, Hair Tonic, Cough Sirup; Salve for Croup, Colds, and Pneumonia; Preparation for Itching and Inflamed Piles; Honey, Tar, and White Pine Compound; Laxative Fruit Confection, Shaving Lotion, Chill and Fever Tonic, Blood Tonic and Purifier, Sage and Sulphur for the Hair, Rheumatic Elixir, Female Tonic, Laxative Elixir, Cherry Pectoral Sirup, Sarsaparilla, Prepared Chalk, Elixir of Senna, Formaldehyde, Extract of Witch-Hazel, Witch-Hazel for the Toilet and Bath, Soluble Antiseptic Powder, Liquid Antiseptic (Pyro Pine); Iron, Quinine, and Strychnine; Imported Bay Rum, Liquid for Taking Off Warts; Beef, Wine and Iron; Aromatic Extract Cascara Sagrada, Fluid Extract Cascara Sagrada, Lacticated Pepsin, Elixir Buchu, Juniper and Acetate Potash, Elixir Salicylic Acid Compound, Antiseptic Fluid, Sirup Trifolium Compound, Sirup of Hypophosphites, Toothache Drops, Sirup Hypophosphites Compound, Sirup White-Pine Compound with Codeine Sulphate, Sirupus Bromidorum N. F., Sirup White Pine Compound with Tar, Liquor Ferri Peptonati Gum Mangano N. F., Iodinized Emulsion, Iodo. Cinchonidia Compound, Bromide, Valerianate Ammonium, Sedative Cough Mixture, Elixir Saw Palmetto and Santal, Alkaline Elixir Rhubarb and Potassium with Pancreatin; Elixir Phosphate Iron, Quinine, and Strychnine; Domestic Ammonia, Completely-Denatured Alcohol, Wood Alcohol, Deodorizer and Insecticide, Schnaar's Insecticide, Indigestion Tablets, Insect Spray, Powder for Killing Roaches, Liquid for Massage, Liquid for Coughs and Colds, Dyspepsia Remedy and Stomach Relief, Liquid for Treating Intestinal Trouble.
Claims use since February, 1909.

209,633. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) WESTERN PATTERN & FOUNDRY COMPANY, Seattle, Wash. Filed Dec. 8, 1924. Serial No. 206,466.

EVERWEAR

Particular description of goods.—Castings
Claims use since Nov. 1, 1924.

209,634. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) LEVI & SELIGMAN, NC., Brooklyn, N. Y. Filed Jan. 31, 1925. Serial No. 208,912.

GOLD MEDAL Fabrique

No rights are asserted to the exclusive use of the word "Fabrique" apart from the trade-mark as shown in the drawing.
Particular description of goods.—Knitted Artificial-Silk Piece Goods.
Claims use since Dec. 2, 1924.

209,635. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LULA COMBS, Greenville, Miss. Filed Feb. 14, 1925. Serial No. 209,561.

Comb's System

Particular description of goods.—Hairdressing.
Claims use since Jan. 1, 1925.

209,636. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HARVEY HUBBELL, INCORPORATED, Bridgeport, Conn. Filed Mar. 26, 1925. Serial No. 211,681.

NUCLASP

Particular description of goods.—Key Chains, Chain Couplings, Clip Terminals.
Claims use since Dec. 31, 1924.

209,637. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) DAVID B. LEVY, New York, N. Y. Filed Aug. 22, 1925. Serial No. 219,250.

STERLING

Particular description of goods.—Syringes
Claims use since Jan. 2, 1925.

209,638. (CLASS 15. OILS AND GREASES.) BRADFORD OIL COMPANY, Palmer, Mass. Filed Aug. 26, 1925. Serial No. 219,878.

AN-T-NOC

Particular description of goods.—Fuel for Internal-Combustion Engines, Particularly Gasoline and Hydrocarbon Liquid Fuels, and Oils for Use by Internal-Combustion Engines.
Claims use since July 1, 1924.

209,639. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CREAM CITY CANDY COMPANY, Milwaukee, Wis. Filed Sept. 8, 1925. Serial No. 219,946.



Particular description of goods.—Candy.
Claims use since June 21, 1923.

209,640. (CLASS 39. CLOTHING.) SAMUEL BLUM, doing business as Alfred Benjamin Co., New York, N. Y. Filed Apr. 15, 1925. Serial No. 212,711.



Particular description of goods.—Men's and Young Men's Overcoats and Suits in One, Two, and Three Piece Garments.
Claims use since July 1, 1924.

209,641. (CLASS 39. CLOTHING.) JOHN E. BENTZEL, Palmyra, Pa. Filed Apr. 27, 1925. Serial No. 213,356.

SHURE-2-WEAR

Particular description of goods.—Hosiery.
Claims use since Dec. 16, 1924.

209,642. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) INTERNATIONAL DRUG SALES CO., Denver, Colo. Filed June 25, 1925. Serial No. 216,396.



Particular description of goods.—Medicinal Powdered Boric Acid, Carbolic Acid Mixture, Muriatic Acid, Powdered Alum, Aromatic Cascara Sagrada, Sassafras Bark, Imported Bay Rum, Bug Poison, Cacao Butter, Cacao-Butter Fingers, Quinine Capsules, Chloroform, Powdered Cocoa, Cream of Tartar, Willow Charcoal, Flaxseed, Flaxseed Meal, Camomile Flowers, Formaldehyde, Glycerin, Glycerin Lotion, Glycerin and Bay Rum, Glycerin and Rose Water, Insect Powder, Henna Leaves, Powdered Henna Leaves, Senna Leaves, Chloroform Liniment, Brown Mixture, Moth Balls, Camphorated Oil, Castor Oil, Cod-Liver Oil, Oil of Cloves, Oil Eucalyptus, Sweet Oil, Oil of Wintergreen, Compound Cathartic Pills, Potassium Chlorate, Saltpeter, Potassium Permanganate, Compound Licorice Powder, Powdered Pumice Stone, Quinine Sulphate, Epsom Salt, Rochelle Salt, Ground Mustard, Silicate Soda, Antiseptic, Solution Boric Acid, Lister's Solution, Sodium Bicarbonate, Aromatic Spirit of Ammonia, Spirits Camphor, Spirit of Niter, Spirit of Peppermint, Sublimed Sulphur, Compound Cascara Tablets, Mint Soda Tablets, Tincture of Arnica, Tincture of Benzoin, Compound Tincture of Benzoin, Tincture Ginger, Tincture of Green Soap, Tincture of Iodine, Tincture of Iron, Paregoric, Earache Remedy, Toothache Drops, Ammonia Water, Limewater, Witch-Hazle, Almond Cream, Larkspur Compound, Milk of Magnesia, White Pine Compound, White Pine Compound and Tar or Mentholated; Beef, Iron, and Wine; Castor-Lax, Chlorate Potash Tablets, Orris Root, Turmeric, Powdered Saltpeter, Powdered Sabadilla Seed, Ammonia Chloride, Litharge, Zinc Sulphate, Sunflower Seed, and Hydrogen Peroxide.
Claims use since Jan. 1, 1925.

209,643. (CLASS 12. CONSTRUCTION MATERIALS.) THE J. E. HARRIS COMPANY, Wooster, Ohio. Filed July 25, 1925. Serial No. 217,875.



Particular description of goods.—Asbestos Roofing.
Claims use since Dec. 31, 1924.

209,644. (CLASS 39. CLOTHING.) NEIMAN-MARCUS CO., Dallas, Tex. Filed Sept. 14, 1925. Serial No. 220,248.

Neiman-Marcus Company
Individual Shops for Gentlewomen

Particular description of goods.—Misses' and Women's Suits, Coats, Knickers, Riding Breeches, Riding Habits, Dresses, Shirts; Underwear of Knitted, Netted, and Textile Fabric; Nightgowns, Pyjamas, Night and Day Robes, Bath Robes, Beach Robes, Raincoats, Waists, Vests, Sweaters, Neckties, Scarfs, Guimpes, Collar and Cuff Sets, Modesties, Hats, Hosiery, Hose Supporters, Corsets, Brassières, Combination Corsets and Brassières, Garter Belts, Negligees, Petticoats, Slips, Bathing Suits, Slippers; Shoes and Boots of Leather, Rubber, Fabric, Leather and Rubber, Leather and Fabric, or Rubber and Fabric; Caps; Gloves of Leather, Rubber, Fabric, and Combinations Thereof; Feather Boas, Garters, Shawls, Blouses, Kimonos, Fur Coats, Fur Capes, Fur Wraps, Fur Neck Pieces, Fur Collars, and Fur Jackets.
Claims use since Jan. 1, 1907.

TRADE-MARK REGISTRATIONS RENEWED

44,862. LEATHER SHOES. Registered July 25, 1905. J. P. HARTRAY SHOE CO. Renewed July 25, 1925, to Walkrite Shoe Company, Chicago, Ill., a Corporation of Illinois, successor.

46,766. LUBRICATING GREASE AND OILS. Registered October 10, 1905. DIAMOND COMPOUND COMPANY, Newark and Harrison, N. J. Renewed October 10, 1925, to Swan-Finch Oil Corporation, New York, N. Y., a Corporation of New York, assignee by mesne assignments.

47,271. LIME. Registered October 31, 1905. GLENCOE LIME & CEMENT COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed October 31, 1925.

47,894. CHILDREN'S HAND-AND-FOOT-PROPELLED VEHICLES. Registered November 28, 1905. GENDRON WHEEL CO. Renewed November 28, 1925, to The Gendron Wheel Co., Toledo, Ohio, a Corporation of Ohio.

48,047. CARPETS. Registered December 5, 1905. THE HARTFORD CARPET CORPORATION, Thompsonville, Conn. Renewed December 5, 1925, to Bigelow-Hartford Carpet Company, Clinton, Mass.; Thompsonville, Conn.; and New York, N. Y., a Corporation of Massachusetts, successor.

48,531. PLAYING CARDS. Registered January 2, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 2, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

48,532. PLAYING CARDS. Registered January 2, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 2, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

48,555. WHISKY. Registered January 2, 1906. ISAAC SOLOMON, Cincinnati, Ohio. Renewed January 2, 1926.

48,562. PLAYING CARDS. Registered January 2, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 2, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

48,563. PLAYING CARDS. Registered January 2, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 2, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

48,564. PLAYING CARDS. Registered January 2, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 2, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

48,728. BEER. Registered January 9, 1906. THE JOHN EICHLER BREWING CO., New York, N. Y., a Corporation of New York. Renewed January 9, 1926.

48,734. PLAYING CARDS. Registered January 9, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 9, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

48,738. PLAYING CARDS. Registered January 9, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 9, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

48,745. PLAYING CARDS. Registered January 9, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 9, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,762. PLAYING CARDS. Registered January 9, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 9, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

48,763. PLAYING CARDS. Registered January 9, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 9, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

48,764. PLAYING CARDS. Registered January 9, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 9, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

48,766. PLAYING CARDS. Registered January 9, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 9, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

48,767. PLAYING CARDS. Registered January 9, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 9, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

48,804. CERTAIN NAMED JEWELRY. Registered January 16, 1906. PHOENIX JEWELRY CO. Renewed January 16, 1926, to Arrow Emblem Co., Inc., New York, N. Y., a Corporation of New York, successor.

48,865. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,866. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,868. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,870. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,871. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,872. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,873. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,874. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,875. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,877. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,878. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,882. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,883. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,884. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,885. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,886. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,888. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,889. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO., Cincinnati, Ohio. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,890. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO., Cincinnati, Ohio. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,891. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO., Cincinnati, Ohio. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,892. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO., Cincinnati, Ohio. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,893. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO., Cincinnati, Ohio. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,894. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO., Cincinnati, Ohio. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

48,895. PLAYING CARDS. Registered January 16, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 16, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,103. PLAYING CARDS. Registered January 23, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 23, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,104. PLAYING CARDS. Registered January 23, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 23, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,105. PLAYING CARDS. Registered January 23, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 23, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,106. PLAYING CARDS. Registered January 23, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 23, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,107. PLAYING CARDS. Registered January 23, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 23, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,108. PLAYING CARDS. Registered January 23, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 23, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,110. PLAYING CARDS. Registered January 23, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed January 23, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,114. PLAYING CARDS. Registered January 23, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 23, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,127. LEATHER BOOTS, SHOES, AND SLIPPERS, AND LEATHER THEREFOR. Registered January 23, 1906. PACKARD & FIELD. Renewed January 23, 1926, to Field and Flint Co., Brockton, Mass., a Corporation of Massachusetts, assignee by mesne assignments.

49,255. PLAYING CARDS. Registered January 30, 1906. THE UNITED STATES PLAYING CARD CO. Renewed January 30, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,256. PLAYING CARDS. Registered January 30, 1906. THE UNITED STATES PLAYING CARD CO., Cincinnati, Ohio. Renewed January 30, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,413. PLAYING CARDS. Registered February 6, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed February 6, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,414. PLAYING CARDS. Registered February 6, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed February 6, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,415. PLAYING CARDS. Registered February 6, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed February 6, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,417. PLAYING CARDS. Registered February 6, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed February 6, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,418. PLAYING CARDS. Registered February 6, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed February 6, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,419. PLAYING CARDS. Registered February 6, 1906. THE UNITED STATES PLAYING CARD CO. Renewed February 6, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,420. PLAYING CARDS. Registered February 6, 1906. THE UNITED STATES PLAYING CARD CO. Renewed February 6, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,421. PLAYING CARDS. Registered February 6, 1906. THE UNITED STATES PLAYING CARD CO. Renewed February 6, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,422. PLAYING CARDS. Registered February 6, 1906. THE UNITED STATES PLAYING CARD CO. Renewed February 6, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,423. PLAYING CARDS. Registered February 6, 1906. THE UNITED STATES PLAYING CARD CO. Renewed February 6, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,424. PLAYING CARDS. Registered February 6, 1906. THE UNITED STATES PLAYING CARD CO. Renewed February 6, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,425. PLAYING CARDS. Registered February 6, 1906. THE UNITED STATES PLAYING CARD CO. Renewed February 6, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,546. LEATHER BELTING. Registered February 6, 1906. THE GRATON AND KNIGHT MANUFACTURING COMPANY. Renewed February 6, 1926, to The Graton & Knight Manufacturing Company, Worcester, Mass., a Corporation of Massachusetts.

49,561. LIQUID PURGATIVE COMPOUNDS. Registered February 13, 1906. CALIFORNIA FIG SYRUP CO., San Francisco, Calif. Renewed February 13, 1926, to Sterling Products (Incorporated), Wheeling, W. Va., a Corporation of West Virginia, assignee.

49,731. CLOCKS. Registered February 13, 1906. THE ANSONIA CLOCK COMPANY, Ansonia, Conn., and New York, N. Y., a Corporation of Connecticut. Renewed February 13, 1926.

49,742. PLAYING CARDS. Registered February 13, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed February 13, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,747. PLAYING CARDS. Registered February 13, 1906. THE UNITED STATES PLAYING CARD CO. Renewed February 13, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,748. PLAYING CARDS. Registered February 13, 1906. THE UNITED STATES PLAYING CARD CO. Renewed February 13, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

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49,799. STAMPED STEEL WARE. Registered February 20, 1906. THE JACOB J. VOLLRATH MFG. CO. Renewed February 20, 1926, to The Vollrath Company, Sheboygan, Wis., a Corporation of Wisconsin, successor.

49,803. PLAYING CARDS. Registered February 20, 1906. THE UNITED STATES PLAYING CARD CO. Renewed February 20, 1926, to The United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,841. PLAYING CARDS. Registered February 20, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed February 20, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,842. PLAYING CARDS. Registered February 20, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed February 20, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

49,846. PLAYING CARDS. Registered February 20, 1906. THE UNITED STATES PLAYING CARD CO. Renewed February 20, 1926, to the United States Playing Card Company, East Norwood, Cincinnati, Ohio, a Corporation of Ohio, assignee.

49,936. PLAYING CARDS. Registered February 27, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed February 27, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

50,024. PLAYING CARDS. Registered February 27, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed February 27, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

50,060. CEREAL PASTE GOODS. Registered February 27, 1906. THE JOHN B. CANEPA COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed February 27, 1926.

50,061. PLAYING CARDS. Registered February 27, 1906. THE NEW YORK CONSOLIDATED CARD COMPANY, New York, N. Y. Renewed February 27, 1926, to The New York Consolidated Card Company, Long Island City, N. Y., a Corporation of New York.

50,230. DRIED AND EVAPORATED FRUITS. Registered March 6, 1906. GRIFFIN & SKELLEY CO. Renewed March 6, 1926, to California Packing Corporation, San Francisco, Calif., a Corporation of New York, assignee.

50,283. LEATHER BOOTS AND SHOES. Registered March 6, 1906. P. W. MINOR & SON. Renewed March 6, 1926, to P. W. Minor & Son, Inc., Batavia, N. Y., a Corporation of New York, assignee.

50,338. CORSETS. Registered March 13, 1906. ROYAL WORCESTER CORSET CO. Renewed March 13, 1926, to Royal Worcester Corset Company, Worcester, Mass., a Corporation of Massachusetts.

50,339. CORSETS. Registered March 13, 1906. ROYAL WORCESTER CORSET CO. Renewed March 13, 1926, to Royal Worcester Corset Company, Worcester, Mass., a Corporation of Massachusetts.

50,396. CEREAL PASTE GOODS. Registered March 13, 1906. THE JOHN B. CANEPA COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed March 13, 1926.

50,450. HORSE NAILS. Registered March 20, 1906. THE CAPEWELL HORSE NAIL COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed March 20, 1926.

50,481. AXES, HATCHETS, AND ADZES. Registered March 20, 1906. THE COLLINS COMPANY, Collinsville, Conn., a Corporation of Connecticut. Renewed March 20, 1926.

50,743. OVERALLS, APRONS, COATS, AND PANTS. Registered March 27, 1906. CLEVELAND & WHITEHILL COMPANY, Newburgh, N. Y., a Corporation of New York. Renewed March 27, 1926.

50,927. COLLARS, COLLAR PADS, AND BACKBANDS. Registered April 3, 1906. COUCH BROTHERS & J. J. EAGAN Co. Renewed April 3, 1926, to Couch Bros. Manufacturing Co., Atlanta and East Point, Ga., a Corporation of Georgia, assignee.

51,002. SHIRTINGS AND SHEETINGS. Registered April 3, 1906. WAMSUTTA MILLS, New Bedford, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,003. SHIRTINGS AND SHEETINGS. Registered April 3, 1906. WAMSUTTA MILLS, New Bedford, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,043. CANNED FRUITS AND VEGETABLES. Registered April 3, 1906. PRATT-LOW PRESERVING CO., San Jose, Calif. Renewed April 3, 1926, to Pratt-Low Preserving Co., Santa Clara, Calif., a Corporation of California.

51,221. HORSE NAILS. Registered April 10, 1906. THE CAPEWELL HORSE NAIL COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed April 10, 1926.

51,505. UNITING AGENTS FOR COLORS. Registered April 17, 1906. FERDINAND SICHEL CHEMISCHE FABRIK LIMMER, Limmer by Hannover, Germany. Renewed April 17, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

51,687. PREPARED COTTON. Registered April 24, 1906. OSTERMOOR & Co. Renewed April 24, 1926, to Ostermoor & Company, Inc., New York, N. Y., a Corporation of New York, assignee.

51,758. HARNESS, SOLE, AND SKIRTING LEATHER. Registered April 24, 1906. A. B. PATRICK & Co. Renewed April 24, 1926, to A. B. Patrick Company, San Francisco, Calif., a Corporation of California, assignee.

51,856. CANDY. Registered April 24, 1906. PHILIP WUNDERLE, Philadelphia, Pa. Renewed April 24, 1926.

52,045. FLOUR MADE FROM WHEAT. Registered May 1, 1906. SHEFFIELD-KING MILLING CO. Renewed May 1, 1926, to H. H. King Flour Mills Company, Minneapolis, Minn., a Corporation of Minnesota, successor.

52,087. ROOF AND BUILDING PAPER. Registered May 1, 1906. F. W. BIRD & SON, Walpole, Mass. Renewed May 1, 1926, to Bird & Son, Inc., East Walpole, Mass., a Corporation of Massachusetts, assignee.

52,116. PLOWS AND CULTIVATORS. Registered May 1, 1906. THE VULCAN PLOW Co., Evansville, Ind., a Corporation of Indiana. Renewed May 1, 1926.

52,125. GOLF BALLS. Registered May 1, 1906. A. G. SPALDING & BROS., New York, N. Y. Renewed May 1, 1926, to A. G. Spalding & Bros., Jersey City, N. J., a Corporation of New Jersey.

52,177. FACE CREAMS. Registered May 1, 1906. FREDERICK F. INGRAM. Renewed May 1, 1926, to Frederick F. Ingram Company, Detroit, Mich., a Corporation of Michigan, assignee.

52,183. WHISKY. Registered May 1, 1906. A. OVERHOLT & Co., Pittsburgh, Pa. Renewed May 1, 1926, to A. Overholt & Company, New York, N. Y., a Corporation of Pennsylvania, assignee.

52,189. A CATHARTIC MEDICINE. Registered May 1, 1906. STERLING REMEDY COMPANY, Kramer, Ind. Renewed May 1, 1926, to Sterling Remedy Company, Jersey City, N. J., a Corporation of New Jersey.

52,203. DOOR AND WINDOW SCREEN WIRE CLOTH. Registered May 1, 1906. THE GILBERT & BENNETT MANUFACTURING COMPANY, Georgetown, Conn., a Corporation of Connecticut. Renewed May 1, 1926.

52,316. A MONTHLY MAGAZINE. Registered May 8, 1906. WILLIAM GEORGE BRUCE, Milwaukee, Wis. Renewed May 8, 1926.

53,342. RAZORS AND POCKETKNIVES. Registered May 8, 1906. ALBERT L. SILBERSTEIN, doing business as Griffon Cutlery Works, New York, N. Y. Renewed May 8, 1926.

52,450. A MEDICINE FOR INDIGESTION. Registered May 8, 1906. STERLING REMEDY COMPANY, Kramer, Ind. Renewed May 8, 1926, to Sterling Remedy Company, Jersey City, N. J., a Corporation of New Jersey.

52,538. GELATIN. Registered May 8, 1906. MICHIGAN CARBON WORKS, Detroit, Mich. Renewed May 8, 1926, to The American Agricultural Chemical Company, New York, N. Y., a Corporation of Connecticut, assignee.

52,547. A LUBRICATING GREASE. Registered May 15, 1906. ADAM COOK'S SONS. Renewed May 15, 1926, to New York Lubricating Oil Company, New York, N. Y., a Corporation of New York, assignee.

52,585. LAGER BEER. Registered May 15, 1906. THE JOHN F. WIESSNER & SON'S BREWING CO. OF BALTIMORE CITY. Renewed May 15, 1926, to The John F. Wiessner & Sons, Brewing Company of Baltimore City, Baltimore, Md., a Corporation of Maryland.

52,627. ENGINE GOVERNORS. Registered May 15, 1906. THE PICKERING GOVERNOR COMPANY, Portland, Conn., a Corporation of Connecticut. Renewed May 15, 1926.

52,696. HAVANA CIGARS. Registered May 15, 1906. HAVANA COMMERCIAL COMPANY, Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed May 15, 1926.

52,844. ELECTRIC SWITCHES AND PARTS THEREOF AND MOUNTINGS AND ENCLOSURES THEREFOR. Registered May 22, 1906. D. & W. FUSE Co., Providence, R. I., a Corporation of Rhode Island. Renewed May 22, 1926.

53,000. COMPRESSED YEAST. Registered May 22, 1906. THE FLEISCHMANN Co. Renewed May 22, 1926, to The Fleischmann Company, Cincinnati, Ohio, and New York, N. Y., a Corporation of Ohio.

53,080. MEDICINAL PREPARATIONS IN LIQUID AND SOLID FORM FOR INTERNAL USE. Registered May 22, 1906. BRISTOL-MYERS COMPANY, Brooklyn, N. Y. Renewed May 22, 1926, to Bristol-Myers Company, New York, N. Y., a Corporation of New York.

53,081. HEAVE POWDER. Registered May 22, 1906. DR. HESS & CLARK. Renewed May 22, 1926, to Dr. Hess & Clark, Inc., Ashland, Ohio, a Corporation of Ohio, successor.

53,104. SILK THREAD. Registered May 29, 1906. A. H. RICE & Co. Renewed May 29, 1926, to A. H. Rice Co., Pittsfield, Mass., a Corporation of Massachusetts, successor.

53,129. CASH REGISTERS AND AUTOGRAPHIC REGISTERS. Registered May 29, 1906. NATIONAL CASH REGISTER Co., Jersey City, N. J., and Dayton, Ohio. Renewed May 29, 1926, to The National Cash Register Company, Dayton, Ohio, a Corporation of Ohio, assignee.

53,151. DENTAL RUBBER. Registered May 29, 1906. THE S. S. WHITE DENTAL MFG. CO., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia. Renewed May 29, 1926, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania.

53,152. GUTTA-PERCHA TOOTH FILLING. Registered May 29, 1906. THE S. S. WHITE DENTAL MFG. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia. Renewed May 29, 1926, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania.

53,153. GUTTA-PERCHA TOOTH FILLING. Registered May 29, 1906. THE S. S. WHITE DENTAL MFG. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia. Renewed May 29, 1926, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania.

53,240. BUTTER. Registered May 29, 1906. BLUE VALLEY CREAMERY COMPANY, St. Joseph, Mo. Renewed May 29, 1926, to Blue Valley Creamery Company, Wilmington, Del., and Chicago, Ill., a Corporation of Delaware.

53,247. MEDICINAL AND STOCK FOOD. Registered May 29, 1906. DR. HESS & CLARK. Renewed May 29, 1926, to Dr. Hess & Clark, Inc., Ashland, Ohio, a Corporation of Ohio, successor.

53,258. WAX. Registered May 29, 1906. THE S. S. WHITE DENTAL MFG. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia. Renewed May 29, 1926, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania.

53,326. CANNED FRUITS AND VEGETABLES. Registered May 29, 1906. PRATT-LOW PRESERVING Co., San Jose, Calif. Renewed May 29, 1926, to Pratt-Low Preserving Co., Santa Clara, Calif., a Corporation of California.

53,349. SODA ASH AND CAUSTIC SODA. Registered May 29, 1906. MICHIGAN ALKALI COMPANY, Ford City, Mich., a Corporation of Michigan. Renewed May 29, 1926.

53,359. TOOTH PASTE. Registered May 29, 1906. THE S. S. WHITE DENTAL MFG. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia. Renewed May 29, 1926, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania.

53,361. CAVITY LININGS. Registered May 29, 1906. THE S. S. WHITE DENTAL MFG. Co., Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia. Renewed May 29, 1926, to The S. S. White Dental Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania.

53,373. TOOTHBRUSHES. Registered June 5, 1906. FLORENCE MANUFACTURING COMPANY. Renewed June 5, 1926, to Pro-phy-lac-tic Brush Company, Northampton, Mass., a Corporation of Massachusetts, assignee.

53,374. TOOTHBRUSHES. Registered June 5, 1906. FLORENCE MANUFACTURING COMPANY. Renewed June 5, 1926, to Pro-phy-lac-tic Brush Company, Northampton, Mass., a Corporation of Massachusetts, assignee.

53,485. HAVANA CIGARS. Registered June 5, 1906. HAVANA COMMERCIAL COMPANY, New York, N. Y. Renewed June 5, 1926, to Havana Commercial Company, New York, N. Y., and Jersey City, N. J., a Corporation of New Jersey.

53,486. HAVANA CIGARS. Registered June 5, 1906. HAVANA COMMERCIAL COMPANY, New York, N. Y. Renewed June 5, 1926, to Havana Commercial Company, New York, N. Y., and Jersey City, N. J., a Corporation of New Jersey.

53,546. TOOTHBRUSHES. Registered June 5, 1906. FLORENCE MANUFACTURING COMPANY. Renewed June 5, 1926, to Pro-phy-lac-tic Brush Company, Northampton, Mass., a Corporation of Massachusetts, assignee.

53,555. CANDY. Registered June 5, 1906. MANUFACTURING COMPANY OF AMERICA. Renewed June 5, 1926, to Thos. D. Richardson Company, Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

53,564. CANDY. Registered June 5, 1906. REYMER & BROTHERS, INCORPORATED, Pittsburgh, Pa., a Corporation of Pennsylvania. Renewed June 5, 1926.

53,594. A REMEDY FOR CROUP, COUGHS, AND BRONCHIAL AFFECTIONS. Registered June 5, 1906. CARRIE V. DORMAN, Washington, D. C. Renewed June 5, 1926.

53,662. GINGER CHAMPAGNE. Registered June 12, 1906. THE MANITOU MINERAL SPRINGS COMPANY. Renewed June 12, 1926, to Manitou Mineral Water Company, Manitou, Colo., a Corporation of Colorado, assignee.

53,663. EFFERVESCENT OR CARBONATED MINERAL WATER. Registered June 12, 1906. THE MANITOU MINERAL SPRINGS COMPANY. Renewed June 12, 1926, to Manitou Mineral Water Company, Manitou, Colo., a Corporation of Colorado, assignee.

53,749. DRIED AND EVAPORATED FRUITS. Registered June 12, 1906. GRIFFIN & SKELLEY Co. Renewed June 12, 1926, to California Packing Corporation, San Francisco, Calif., a Corporation of New York, assignee.

53,870. KNIT UNDERWEAR. Registered June 12, 1906. J. H. SEMEL & Co. Renewed June 12, 1926, to Max Liebhold, doing business as J. H. Semel & Co., New York, N. Y., assignee.

53,922. A MOUTH, NOSE, AND THROAT WASH. Registered June 12, 1906. LAVORIS CHEMICAL COMPANY, Minneapolis, Minn., a Corporation of Minnesota. Renewed June 12, 1926.

53,949. MINERAL COLORING MATTER FOR MORTAR AND BRICKS. Registered June 19, 1906. CHATTANOOGA PAINT Co., Chattanooga, Tenn., a Corporation of Tennessee. Renewed June 19, 1926.

53,978. HAVANA CIGARS. Registered June 19, 1906. HAVANA COMMERCIAL COMPANY, New York, N. Y. Renewed June 19, 1926, to Havana Commercial Company, New York, N. Y., and Jersey City, N. J., a Corporation of New Jersey.

54,007. HAVANA CIGARS. Registered June 19, 1906. HAVANA COMMERCIAL COMPANY, New York, N. Y. Renewed June 19, 1926, to Havana Commercial Company, New York, N. Y., and Jersey City, N. J., a Corporation of New Jersey.

54,074. SHEET MUSIC AND MUSIC BOOKS. Registered June 19, 1906. LEO FEIST. Renewed June 19, 1926, to Leo Feist, Inc., New York, N. Y., a Corporation of New York, assignee.

54,094. MANUFACTURED COLORS FOR PRINTING AND DYEING. Registered June 19, 1906. AMERICAN DYEWOOD Co., Philadelphia, Pa. Renewed June 19, 1926, to American Dyewood Co., New York, N. Y., a Corporation of Pennsylvania.

54,280. SAFES. Registered June 26, 1906. HERRING-HALL-MARVIN SAFE COMPANY, Hamilton, Ohio, and New York, N. Y. Renewed June 26, 1926, to Herring-Hall-Marvin Safe Company, New York, N. Y., a Corporation of New York.

54,314. SHOVELS, SCOOPS, AND SPADES. Registered June 26, 1906. ST. LOUIS SHOVEL Co., St. Louis, Mo. Renewed June 26, 1926, to Ames Shovel and Tool Company, Boston, Mass., a Corporation of New Jersey, assignee.

54,321. WOOLEN AND WORSTED YARNS. Registered June 26, 1906. R. BLANKENBURG & Co. Renewed June 26, 1926, to The R. Blankenburg Company, Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

54,345. ROPES, CORDS, TWINES, AND LINES. Registered June 26, 1906. SILVER LAKE COMPANY, Boston, Mass. Renewed June 26, 1926, to Silver Lake Company, Newton, Mass., a Corporation of Massachusetts.

54,346. SHOVELS, SCOOPS, AND SPADES. Registered June 26, 1906. ST. LOUIS SHOVEL CO., St. Louis, Mo. Renewed June 26, 1926, to Ames Shovel and Tool Company, Boston, Mass., a Corporation of New Jersey, assignee.

54,378. DRIED FRUITS. Registered June 26, 1906. L. OTZEN & Co. INC., San Francisco, Calif., a Corporation of California. Renewed June 26, 1926.

54,383. CONDENSED MILK. Registered June 26, 1906. PACIFIC COAST CONDENSED MILK CO., Seattle, Wash. Renewed June 26, 1926, to Carnation Milk Products Company, Wilmington, Del., and Seattle, Wash., a Corporation of Delaware, assignee.

54,400. CANNED VEGETABLES AND CANNED FRUIT. Registered June 26, 1906. ABBOTT GROCERY CO., Keene, N. H., a Corporation of New Hampshire. Renewed June 26, 1926.

LABELS

REGISTERED FEBRUARY 23, 1926.

29,960.—*Title:* BOHEMIAN MAID MALT SYRUP. For Malt Sirup. BOHEMIAN MAID PRODUCTS CO., Chicago, Ill. Published October 10, 1925.

29,961.—*Title:* HOROSCOPE STAR BAR. For Candy and Candy Bars. HERMAN J. BROWN, Long Beach, Calif. Published March 10, 1925.

29,962.—*Title:* CALIFORNIA CLUB. For Ginger Ale. CALIFORNIA BOTTLING WORKS, Los Angeles, Calif. Published July 31, 1925.

29,963.—*Title:* PERFECTION. For Packaged Table Salt. CALIFORNIA ROCK SALT CO., doing business as Consolidated Salt Co., Los Angeles, Calif. Published May 1, 1925.

29,964.—*Title:* CARR'S DIABETIC TREATMENT. For Diabetic Medicine. MARTIN CARR, Spokane, Wash. Published December 5, 1925.

29,965.—*Title:* MY FAVORITE. For Cans of Sirup. JOHN PETER COOPER, Arlington, Tex. Published January 12, 1926.

29,966.—*Title:* PAN WORK CONFECTIONS. For Assorted Candies. NICHOLAS P. DAMIANAKES, doing business as California Peanut Co., Oakland, Calif. Published January 1, 1925.

29,967.—*Title:* J-D. For Bread. DUBUQUE BREAD COMPANY, Dubuque, Iowa. Published September 26, 1925.

29,968.—*Title:* FRISCH PROCESS. For Bread. EMILE FRISCH, Chicago, Ill. Published December 18, 1925.

29,969.—*Title:* G. H. C. For Plumbing Goods. GARRISON-HEILAND CORPORATION; New York, N. Y. Published October 14, 1925.

29,970.—*Title:* MANHATTAN CLUB. For Malt Sirup. GLOBE DISTRIBUTING CO., Akron, Ohio. Published September 2, 1925.

29,971.—*Title:* GUDLAX. For a Vegetable Laxative. OSCAR GUDIS, New York, N. Y. Published December 1, 1925.

29,972.—*Title:* THE SUN. For Paste Soap. STEPHEN GUERRERO, doing business as Stephen Chemical Company, Los Angeles, Calif. Published November 13, 1925.

29,973.—*Title:* MAUD MULLER. For Fresh Oranges. LA VERNE CO-OPERATIVE CITRUS ASSOCIATION, La Verne, Calif. Published August 1, 1925.

29,974.—*Title:* CRYSTALINE WASHING WATER. For Water Used For Washing Clothes. LONGHI & GIORDANO, New York, N. Y. Published November 1, 1925.

29,975.—*Title:* FOUR-IN-ONE. For Butter. MUTUAL CREAMERY COMPANY, Los Angeles, Calif. Published November 21, 1925.

29,976.—*Title:* CASCADE. For Butter. MUTUAL CREAMERY COMPANY, Los Angeles, Calif. Published November 21, 1925.

29,977.—*Title:* GRIP-IT. For Penetrating Oil. OUT WEST MANUFACTURING CO., Denver, Colo. Published October 15, 1918.

29,978.—*Title:* PERRY'S HOME MADE. For Pound Cake and Fruit Cake. PERRY'S HOME MADE POUND CAKE AND FRUIT CAKE COMPANY, Roanoke, Va. Published November 20, 1925.

29,979.—*Title:* BARBARA. For Canned Peaches. PURITY PRODUCE CORPORATION, Los Angeles, Calif. Published December 1, 1925.

29,980.—*Title:* S. P. CO. For Toilet Paper. SCOTT PAPER COMPANY, Chester, Pa. Published December 20, 1921.

29,981.—*Title:* U-C-IT. For Silk Hose. THE U-C-IT SILK HOSIERY CO., Marietta, Ga. Published October 24, 1925.

29,982.—*Title:* PICCADILLY FIZZ. For Ginger Ale. CHARLES F. WAGNER, doing business as Piccadilly Fizz Co., Los Angeles, Calif. Published January 1, 1925.

PRINTS

REGISTERED FEBRUARY 23, 1926.

8,579.—*Title:* THE VACUPMETER. For Cupping Apparatus. SOLOMON M. BERNELL, doing business as The Vacupmeter Company, Chicago, Ill. Published December 29, 1925.

8,580.—*Title:* IT HAD TO BE GOOD—TO GET WHERE IT IS. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published January 4, 1926.

8,581.—*Title:* DRINK COCA-COLA WHILE YOU WAIT. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published January 4, 1926.

8,582.—*Title:* DRINK COCA-COLA DELICIOUS AND REFRESHING. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published December 14, 1925.

8,583.—*Title:* THROUGH ALL THE YEARS SINCE 1886. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published January 4, 1926.

8,584.—*Title:* DOUBLE DUTY. For Hosiery. CONRAD & Co. INC., Boston, Mass. Published December 23, 1925.

8,585.—*Title:* WHAT MAKES THEM RESTLESS AND INATTENTIVE? TEACHERS KNOW! For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published January 22, 1926.

8,586.—*Title:* METROPOLITAN JUVENILE CLOTHING CO. INC. For Clothing. METROPOLITAN JUVENILE CLOTHING CO. INC., New York, N. Y. Published October 16, 1925.

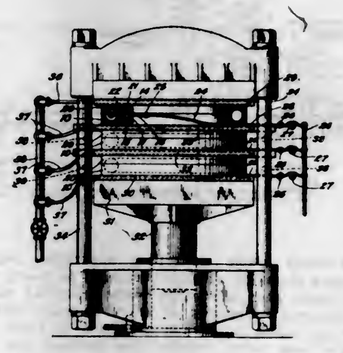
8,587.—*Title:* DRINK IT WHILE IT'S CREAMY. For Liberty Root Beer. RICHARDSON CORPORATION, Rochester, N. Y. Published January 19, 1926.

8,588.—*Title:* THE BAYBERRY BUTLER. For an Incense Burner. ARTHUR SAMPSON WHITE, Chicago, Ill. Published November 7, 1925.

REISSUES

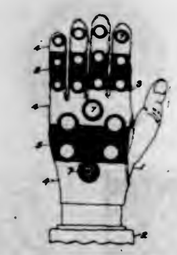
FEBRUARY 23, 1926.

16,271. METHOD AND APPARATUS FOR VULCANIZING HOLLOW ARTICLES. ABRAM E. FALOR, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Jan. 11, 1926. Serial No. 80,681. Original No. 1,481,802, dated Jan. 29, 1924, Serial No. 536,172, filed Feb. 13, 1922. 11 Claims. (Cl. 18—53.)



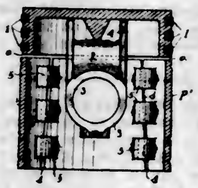
8. The method of making a hollow article having an insert extending through the wall thereof which comprises placing the insert within the interior of the article, vulcanizing the article with the insert therein, and thereafter mounting the insert in the wall of the article.

16,272. SIGNAL. DAVID H. GREEN, San Francisco, Calif. Filed Feb. 11, 1925. Serial No. 8,573. Original No. 1,513,287, dated Oct. 28, 1924, Serial No. 611,560, filed Jan. 9, 1923. 2 Claims. (Cl. 88—1.)



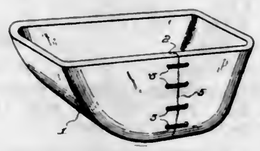
1. A traffic signal, comprising a thumbless glove having white and black cross-stripes positioned alternately on the entire back thereof, and the same studded with colored brilliants for the purpose set forth.

16,273. PISTON FOR ENGINE CYLINDERS. ROLAND M. HOWDESHELL, Elsberry, Mo., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 20, 1925. Serial No. 51,529. Original No. 1,473,283, dated Nov. 6, 1923, Serial No. 383,519, filed May 22, 1920. 23 Claims. (Cl. 74—108.)



1. A piston of the class described including a head comprising an end portion and wall portion, a sectional skirt portion, hood members connecting the sections of said skirt portion, and rib members integrally connecting the sections of the skirt with the end of the head member.

16,274. METHOD OF WELDING METALLIC STRUCTURES. ROYAL MATTICE, Bethlehem, Pa. Filed Jan. 15, 1926. Serial No. 81,572. Original No. 1,515,692, dated Nov. 18, 1924, Serial No. 691,640, filed Feb. 9, 1924. 19 Claims. (Cl. 219—10.)

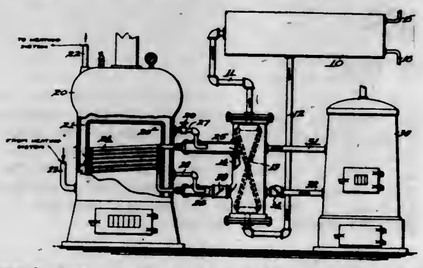


1. The method of connecting abutting metallic members which are subjected in use to comparatively wide fluctuations of temperature, which involves forming an opening in each of said members, said openings being disposed in spaced relation on opposite sides of the abutting faces of said members, assembling with said members a metallic connecting element having angular projections respectively adapted to enter said openings, said projections being entered in said openings, and securing said connecting element in assembled relation to said members so as to retain said projections in said openings.

16,275. INDIRECT WATER-HEATING APPARATUS. CHETWOOD SMITH, Worcester, Mass., assignor to Stack Heater Company, Boston, Mass., a Corporation of Massachusetts. Filed Mar. 26, 1923. Serial No. 627,887. Original No. 1,379,581, dated May 24, 1921, Serial No. 295,219, filed May 6, 1919. 13 Claims. (Cl. 122—33.)

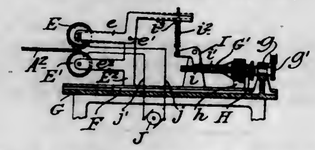
4. A water heating apparatus comprising an indirect heating chamber, a main water heater, an auxiliary heat-

ing device capable of heating water to a higher temperature, upper and lower passages connecting said auxiliary heating device to said indirect heating chamber and



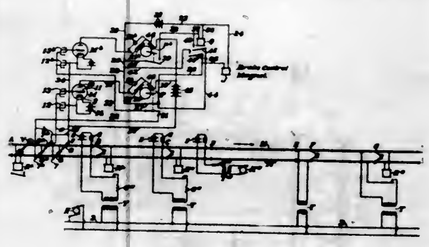
branch pipes connecting said passages to said main water heater, said pipes being extended into and along said passages in a direction away from said auxiliary heating device.

16,276. METHOD OF WELDING. SPENCER C. CARY, Brooklyn, N. Y., assignor to Cary Manufacturing Co., Brooklyn, N. Y., a Corporation of New York. Filed Oct. 27, 1920. Serial No. 420,019. Original No. 1,326,912, dated Jan. 6, 1920, Serial No. 89,289, filed Apr. 6, 1916. 5 Claims. (Cl. 219—10.)



1. The process of welding metallic sheets to form a continuous sheet, consisting in sand blasting both sides of the edges of the sheets, lapping the edges of the two sheets, pressing the lapped edges and passing a current through the sand blasted portions of the sheets to continuously weld the lapped portions.

16,277. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. LEMUEL F. HOWARD, Edgewood, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed July 21, 1920. Serial No. 398,028. Original application filed Sept. 6, 1916, Serial No. 118,632. Renewal application filed May 20, 1918, Serial No. 235,695. Continued and application filed June 25, 1918, Serial No. 241,733. Original No. 1,341,982, dated June 1, 1920. 33 Claims. (Cl. 246—41.)

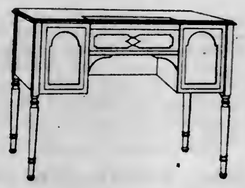


1. Railway traffic controlling apparatus comprising governing means on a vehicle arranged to retard the vehicle except when affected by traffic controlled means in the trackway, a portion of track equipped with such traffic controlled means and a portion of track not so equipped, and means adjacent the entrance end of the unequipped portion of track for rendering said governing means ineffective to retard the vehicle while the latter is passing through the unequipped portion of track.

DESIGNS

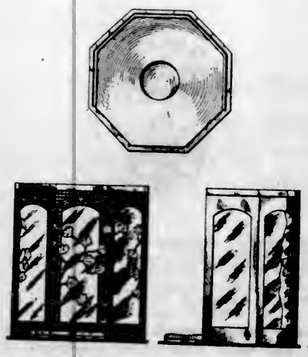
FEBRUARY 23, 1926.

69,470. RADIO CONSOLE CABINET. CYRUS L. ADLER, Louisville, Ky. Filed Apr. 29, 1925. Serial No. 13,257. Term of patent 3½ years.



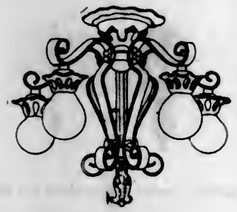
The ornamental design for a radio console cabinet, substantially as shown.

69,471. COMBINED STAND AND HOLDER FOR PERFUME BOTTLES. BLANCHE STEVENS ARVOY, née RENEAUX, Paris, France, and CHARLES LIONEL MARCUS, New York, N. Y. Filed Dec. 12, 1924. Serial No. 11,687. Term of patent 3½ years.



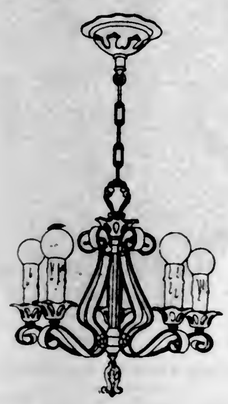
The ornamental design for a combined stand and holder for perfume bottles, as shown and described.

69,472. ELECTRIC-LIGHT FIXTURE. JOSEPH JOHN BALK, Buffalo, N. Y., assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y., a Corporation of New York. Filed Oct. 28, 1925. Serial No. 15,274. Term of patent 3½ years.



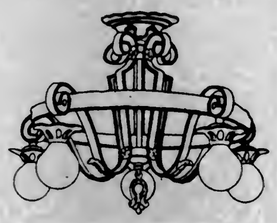
The ornamental design for an electric light fixture, as shown.

69,473. ELECTRIC-LIGHT FIXTURE. JOSEPH JOHN BALK, Buffalo, N. Y., assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y., a Corporation of New York. Filed Oct. 28, 1925. Serial No. 15,275. Term of patent 3½ years.



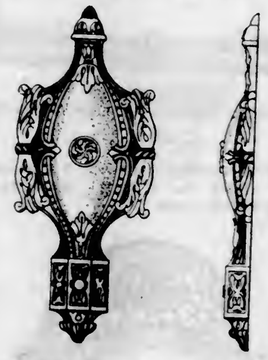
The ornamental design for an electric light fixture, as shown.

69,474. ELECTRIC-LIGHT FIXTURE. JOSEPH JOHN BALK, Buffalo, N. Y., assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y., a Corporation of New York. Filed Oct. 28, 1925. Serial No. 15,276. Term of patent 3½ years.



The ornamental design for an electric light fixture, as shown.

69,475. WALL PLATE FOR ELECTRIC-LIGHT FIXTURES. JOSEPH JOHN BALK, Buffalo, N. Y., assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y., a Corporation of New York. Filed Oct. 28, 1925. Serial No. 15,277. Term of patent 3½ years.



The ornamental design for a wall plate for electric light fixtures, as shown.

69,476. HEADLAMP BEZEL. HARRY H. BASSETT, Flint, Mich. Filed Nov. 19, 1923. Serial No. 7,822. Term of patent 14 years.



The ornamental design for a headlamp bezel substantially as shown.

69,477. BRIDAL CROWN. MICHAEL J. BEDACK, Brooklyn, N. Y. Filed Jan. 8, 1926. Serial No. 16,010. Term of patent 3½ years.



The ornamental design for a bridal crown, as shown.

69,478. BUMPER. DONALD L. BENTON, Los Angeles, Calif., assignor to American Chain Company, Inc., Bridgeport, Conn., a Corporation of New York. Filed Dec. 7, 1925. Serial No. 15,671. Term of patent 14 years.



The ornamental design for a bumper as shown.

69,479. BRIDAL CROWN. MICHAEL J. BEDACK, Brooklyn, N. Y. Filed Jan. 8, 1926. Serial No. 16,008. Term of patent 3½ years.



The ornamental design for a bridal crown, as shown.

69,480. BRIDAL CROWN. MICHAEL J. BEDACK, Brooklyn, N. Y. Filed Jan. 8, 1926. Serial No. 16,009. Term of patent 3½ years.



The ornamental design for a bridal crown, as shown.

69,481. PLATE FOR LIGHTING FIXTURES. NATHAN I. BERGER, New York, N. Y., assignor to Sandow Tool Co., U. S. A., New York, N. Y., a Corporation of New York. Filed Dec. 15, 1925. Serial No. 15,764. Term of patent 3½ years.



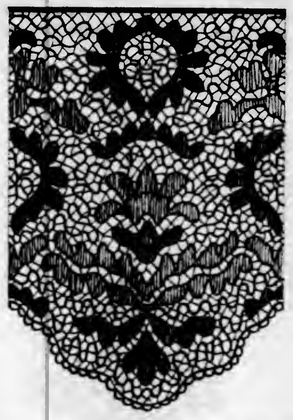
The ornamental design for a plate for lighting fixtures, as shown.

69,482. PLATE FOR LIGHTING FIXTURES. NATHAN I. BERGER, New York, N. Y., assignor to Sandow Tool Co., U. S. A., New York, N. Y., a Corporation of New York. Filed Dec. 15, 1925. Serial No. 15,765. Term of patent 3½ years.



The ornamental design for a plate for lighting fixtures, as shown.

69,483. LACE. CHARLES WILFRED BIRKIN and EDWIN THOMAS SANDS, Broadway, Nottingham, England, assignors to Birkin and Company, Nottingham, England. Filed Jan. 2, 1926. Serial No. 15,942. Term of patent 3½ years.



The ornamental design for lace substantially as shown.

69,484. LACE. CHARLES WILFRED BIRKIN and EDWIN THOMAS SANDS, Broadway, Nottingham, England, assignors to Birkin and Company, Nottingham, England. Filed Jan. 2, 1926. Serial No. 15,943. Term of patent 3½ years.



The ornamental design for lace substantially as shown.

69,485. CASING FOR A VENDING MACHINE. RICHARD C. BRADLEY, New York, N. Y., assignor to Emery Automatic Chain Stores, Inc., New York, N. Y., a Corporation of New York. Filed Dec. 11, 1924. Serial No. 11,666. Term of patent 3½ years.



The ornamental design for a casing for a vending machine as shown.

69,486. BOTTLE. WILLIAM H. BRAUN, Cincinnati, Ohio, assignor to Fallis Inc., Cincinnati, Ohio, a Corporation of Ohio. Filed Sept. 19, 1925. Serial No. 14,823. Term of patent 7 years.



The ornamental design for a bottle, as shown.

69,487. TEXTILE FABRIC. JOHN S. BOYD, Williamstown, Mass., assignor to John S. Boyd Co., Inc., Williamstown, Mass., a Corporation of Massachusetts. Filed Apr. 10, 1923. Serial No. 5,754. Term of patent 7 years.



The ornamental design for a textile fabric, as shown.

69,488. CANDLE CUP. FRANK J. CAESAR, La Grange, Ill., assignor to R. Williamson & Co., Chicago, Ill., a Corporation of Illinois. Filed Dec. 8, 1925. Serial No. 15,621. Term of patent 3½ years.



The ornamental design for a candle cup, as shown.

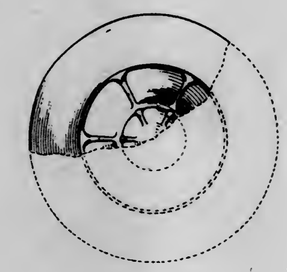
69,489. BALL-LAMP ADAPTER. FRANK J. CAESAR, La Grange, Ill., assignor to R. Williamson & Co., Chicago, Ill., a Corporation of Illinois. Filed Dec. 8, 1925. Serial No. 15,622. Term of patent 3½ years.



The ornamental design for a ball lamp adapter, as shown.

69,490. CANOPY FOR LIGHTING FIXTURES. FRANK J. CAESAR, La Grange, Ill., assignor to R. Williamson & Co., Chicago, Ill., a Corporation of Illinois. Filed Dec. 3, 1925. Serial No. 15,623. Term of patent 3½ years.





The ornamental design for a canopy, for lighting fixtures, as shown.

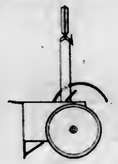
69,491. CANOPY FOR LIGHTING FIXTURES. FRANK J. CAESAR, La Grange, Ill., assignor to R. Williamson & Co., Chicago, Ill., a Corporation of Illinois. Filed Dec. 3, 1925. Serial No. 15,624. Term of patent 3½ years.

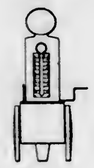




The ornamental design for a canopy for lighting fixtures, as shown.

69,492. TOY FILLING STATION. JULIUS CHEIN, New York, N. Y. Filed July 30, 1924. Serial No. 10,319. Term of patent 3½ years.





The ornamental design for a toy filling station, as shown.

69,493. BOTTLE. FRANK CIARDI, Dover, N. J. Filed Dec. 24, 1925. Serial No. 15,874. Term of patent 3½ years.





The ornamental design for a bottle, as shown.

69,494. CAKE OF SOAP OR SIMILAR ARTICLE. LEON COHN, Paris, France. Filed July 21, 1925. Serial No. 14,161. Term of patent 14 years.

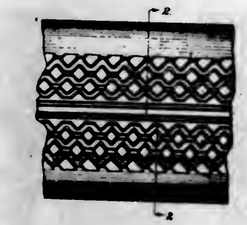






The ornamental design for a cake of soap or similar article substantially as shown.

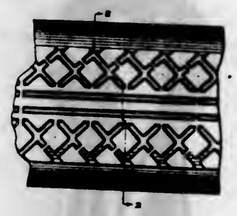
69,495. TIRE. ASA B. COOLEY, Hubbard Woods, Ill., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill., a Corporation of Illinois. Filed Nov. 17, 1924. Serial No. 11,389. Term of patent 14 years.





The ornamental design for a tire, as shown.

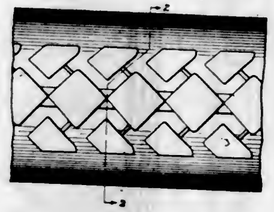
69,496. TIRE. ASA B. COOLEY, Hubbard Woods, Ill., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill., a Corporation of Illinois. Filed Nov. 17, 1924. Serial No. 11,390. Term of patent 14 years.

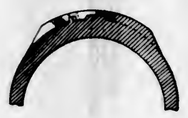




The ornamental design for a tire, as shown.

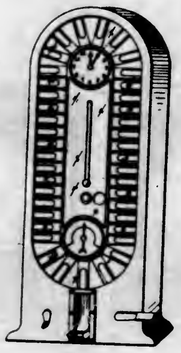
69,497. TIRE. ASA B. COOLEY, Hubbard Woods, Ill., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill., a Corporation of Illinois. Filed Nov. 17, 1924. Serial No. 11,391. Term of patent 14 years.





The ornamental design for a tire, as shown.

69,498. VENDING-MACHINE CASING. WILLIAM G. CUTLER, Glendale, Calif. Filed Sept. 2, 1925. Serial No. 14,694. Term of patent 7 years.



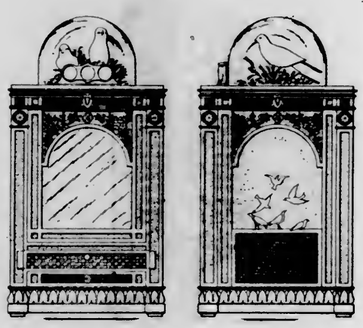
The ornamental design for a vending machine casing as shown.

69,499. FOUNTAIN PEN. DAVID L. DAVIS, Fort Madison, Iowa, assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa, a Corporation of Delaware. Filed Oct. 10, 1924. Serial No. 11,013. Term of patent 3½ years.



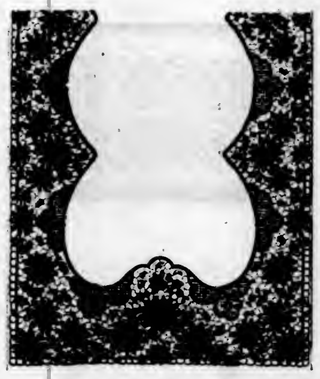
The ornamental design for a fountain pen, as shown.

69,500. VENDING-MACHINE CASING. ALBERT E. DEBUS, Chicago, Ill. Filed Oct. 27, 1925. Serial No. 15,268. Term of patent 7 years.



The ornamental design for a vending-machine casing, as shown.

69,501. LACE TRIMMING FOR DOILY OR SIMILAR ARTICLE. LAWRENCE DINKELSPIEL, West New York, N. J., assignor to Harnapp, Dinkelspiel & Co. Inc., a Corporation of New York. Filed Jan. 7, 1926. Serial No. 15,990. Term of patent 3½ years.



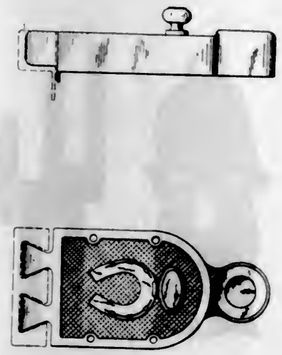
The ornamental design for lace trimming for doily or similar article, as shown.

69,502. BOOK END. JEANNE LOUISE DRUCKLIEB, New York, N. Y. Filed Nov. 5, 1925. Serial No. 15,360. Term of patent 7 years.



The ornamental design for a book end, as shown.

69,503. DOORLOCK. SAMUEL EDELSON, New York, N. Y. Filed May 27, 1924. Serial No. 9,720. Term of patent 14 years.



The ornamental design for a doorlock, as shown.

69,504. TEXTILE FABRIC. LAWRENCE E. ELLIS, New York, N. Y. Filed Dec. 7, 1925. Serial No. 15,669. Term of patent 7 years.



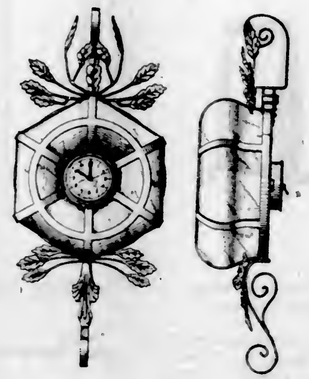
The ornamental design for a textile fabric substantially as shown.

69,505. PERFUME CONTAINER. JOSEPH A. FIELDS, New York, N. Y. Filed July 22, 1924. Serial No. 10,221. Term of patent 7 years.



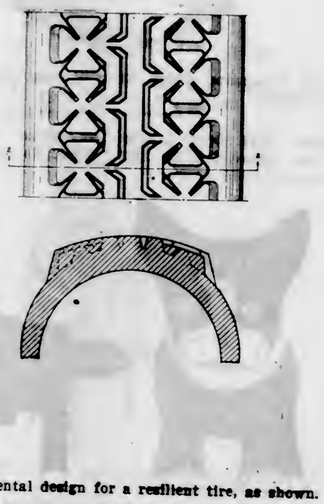
The ornamental design for a perfume container as shown.

69,506. CLOCK CASE. MAUD C. FOX, New York, N. Y. Filed July 18, 1925. Serial No. 14,138. Term of patent 3½ years.



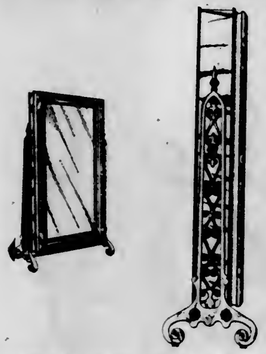
The ornamental design for a clock case, as shown.

69,507. RESILIENT TIRE. WADE S. GALVIN, Akron, Ohio, assignor to The Akron Standard Mold Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 20, 1925. Serial No. 15,481. Term of patent 14 years.



The ornamental design for a resilient tire, as shown.

69,508. ADVERTISING FRAME. VICTOR GERARD, Los Angeles, Calif., assignor to Mystic Mirror Inc., Los Angeles, Calif., a Corporation of Nevada. Filed Dec. 2, 1925. Serial No. 15,611. Term of patent 14 years.



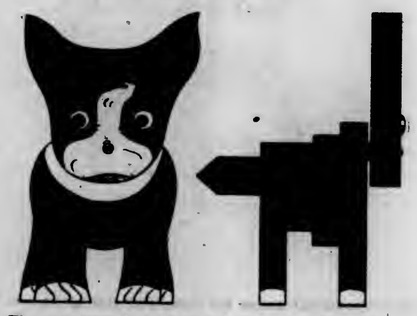
The ornamental design for an advertising frame substantially as shown.

69,509. LIGHTING FIXTURE. EDGAR A. GILLINDER, Philadelphia, Pa. Filed Oct. 4, 1923. Serial No. 7,395. Term of patent 3½ years.



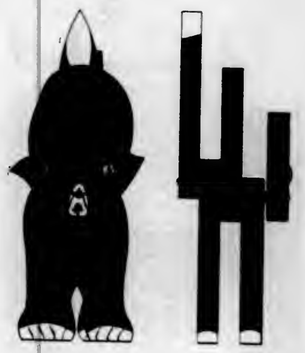
The ornamental design for a lighting fixture showing my design.

69,510. TOY DOG. ARODD LEE GOULD, Long Beach, Calif. Filed Oct. 22, 1925. Serial No. 15,219. Term of patent 3½ years.



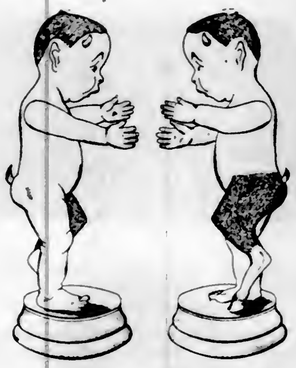
The ornamental design for a toy dog, as shown.

69,511. TOY CAT. ARODD LEE GOULD, Long Beach, Calif. Filed Oct. 22, 1925. Serial No. 15,220. Term of patent 3½ years.



The ornamental design for a toy cat, as shown.

69,512. STATUETTE. GERHART HAMMER and HARALD K. BERSETH, Colfax, Wis. Filed Dec. 31, 1925. Serial No. 15,919. Term of patent 14 years.



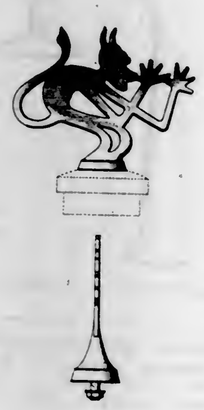
The ornamental design for a statuette, as shown.

69,513. ORNAMENT FOR MOTORMETERS. MILLICENT HOGO and JOSEPH C. DE HAVEN, Los Angeles, Calif. Filed Sept. 28, 1925. Serial No. 14,920. Term of patent 3½ years.



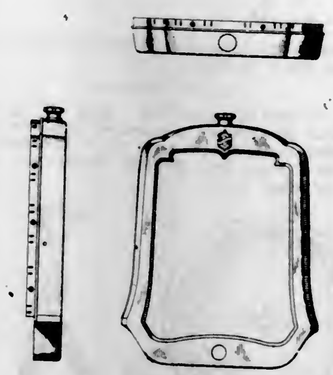
The ornamental design for an ornament for motormeters, as shown.

69,514. RADIATOR-CAP ORNAMENT. WILLIAM F. HOLEKA, San Francisco, Calif. Filed May 2, 1925. Serial No. 13,305. Term of patent 3½ years.



The ornamental design for a radiator cap ornament, as shown.

69,515. RADIATOR SHELL FOR AUTOMOBILES. ROBERT K. JACK, Lansing, Mich. Filed July 20, 1925. Serial No. 14,144. Term of patent 14 years.



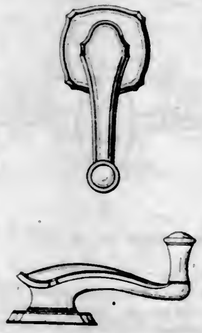
The ornamental design for a radiator shell for automobiles as shown.

69,516. BIRDCAGE SUPPORT OR SIMILAR ARTICLE. SIMON KLEIN, Brooklyn, N. Y. Filed Sept. 25, 1925. Serial No. 14,907. Term of patent 3½ years.



The ornamental design for a birdcage support or similar article, as shown.

69,517. HANDLE. ARCHER L. KNAPP, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Feb. 7, 1925. Serial No. 12,291. Term of patent 3½ years.



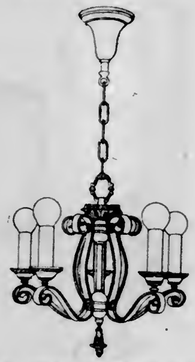
The ornamental design for a handle, as shown.

69,518. CHAIR. NICHOLAS L. KUHNEN, Elkhart, Ind. Filed Nov. 19, 1925. Serial No. 15,465. Term of patent 3½ years.



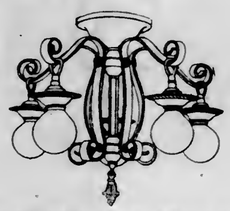
The ornamental design for a chair, as shown.

69,519. ELECTRIC-LIGHT FIXTURE. CHARLES W. LOGAN, Kenmore, N. Y., assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y., a Corporation of New York. Filed Oct. 28, 1925. Serial No. 15,270. Term of patent 3½ years.



The ornamental design for an electric light fixture, as shown.

69,520. ELECTRIC-LIGHT FIXTURE. CHARLES W. LOGAN, Kenmore, N. Y., assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y., a Corporation of New York. Filed Oct. 28, 1925. Serial No. 15,271. Term of patent 3½ years.



The ornamental design for an electric light fixture, as shown.

69,521. WALL PLATE FOR ELECTRIC-LIGHT FIXTURES. CHARLES W. LOGAN, Kenmore, N. Y., assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y., a Corporation of New York. Filed Oct. 28, 1925. Serial No. 15,272. Term of patent 3½ years.



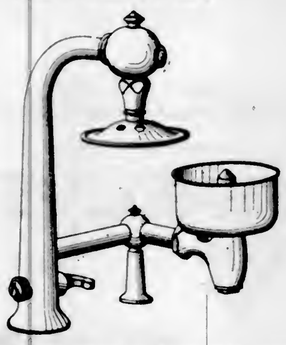
The ornamental design for a wall plate for electric light fixtures, as shown.

69,522. PRESSURE-LIQUID VALVE. BERNARD LUTSKY and SIMON KREISBERG, Brooklyn, N. Y. Filed Sept. 1, 1925. Serial No. 14,681. Term of patent 3½ years.



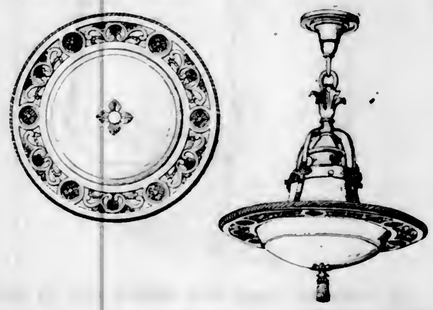
The ornamental design for a pressure liquid valve, as shown.

69,523. COMBINED PRESSURE-LIQUID VALVE AND RINSER. BERNARD LUTSKY and SIMON KREISBERG, Brooklyn, N. Y. Filed Sept. 1, 1925. Serial No. 14,682. Term of patent 3½ years.



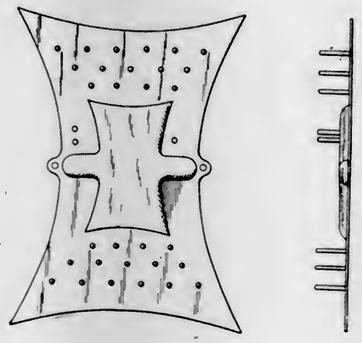
The ornamental design for a combined pressure liquid valve and rinser, as shown.

69,524. LIGHTING FIXTURE. JOHN C. METTLER, Evanston, Ill., assignor to Beardslee Chandelier Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed Oct. 6, 1925. Serial No. 15,037. Term of patent 7 years.



The ornamental design for a lighting fixture as shown.

69,525. COMBINED SPOOL HOLDER AND PINCUSHION. FRANCES PAUKER, New York, N. Y. Filed Dec. 8, 1925. Serial No. 15,693. Term of patent 7 years.



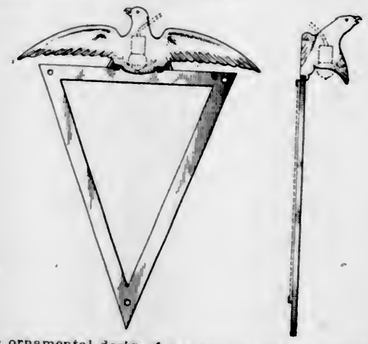
The ornamental design for a combined spool holder and pincushion as shown.

69,526. PEDESTAL-MOUNTED RADIOREPRODUCER. ALBERT O. PRICE, Coshocton, Ohio. Filed Dec. 24, 1925. Serial No. 15,847. Term of patent 14 years.



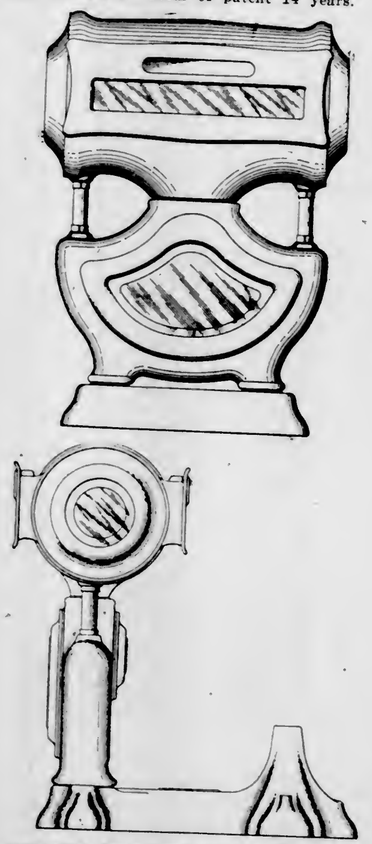
The ornamental design for a pedestal mounted radio reproducer as shown.

69,527. VEHICLE RADIATOR ORNAMENT. JULIAN RANKIN, Louisa, Ky. Filed May 2, 1925. Serial No. 13,304. Term of patent 7 years.



The ornamental design for a vehicle radiator ornament, as shown.

69,528. SCALE CASING. ORWELL C. REEVES, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed June 20, 1924. Serial No. 9,918. Term of patent 14 years.



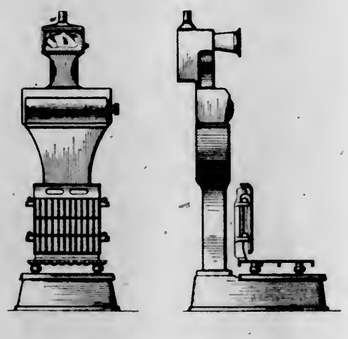
The ornamental design for a scale casing as shown.

69,529. CHANDELIER OR ARTICLE OF SIMILAR NATURE. ISIDOR ROSENBLATT, New York, N. Y. Filed Dec. 28, 1925. Serial No. 15,881. Term of patent 3½ years.



The ornamental design for a chandelier or article of similar nature as shown.

69,530. SCALE. HARRY C. SCHAPER, St. Louis, Mo., assignor to The Weight-O-Graph Company, St. Louis, Mo., a Corporation of Missouri. Filed July 21, 1923. Serial No. 6,822. Term of patent 3½ years.



The ornamental design for a scale, as shown.

69,531. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,373. Term of patent 7 years.



The ornamental design for a plate or similar article, as shown.

69,532. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,374. Term of patent 7 years.



The ornamental design for a plate or similar article, as shown.

69,533. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,375. Term of patent 7 years.



The ornamental design for a plate or similar article, as shown.

69,534. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,376. Term of patent 7 years.



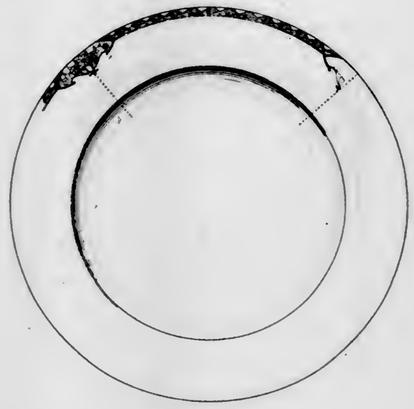
The ornamental design for a plate or similar article, as shown.

69,535. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,377. Term of patent 7 years.



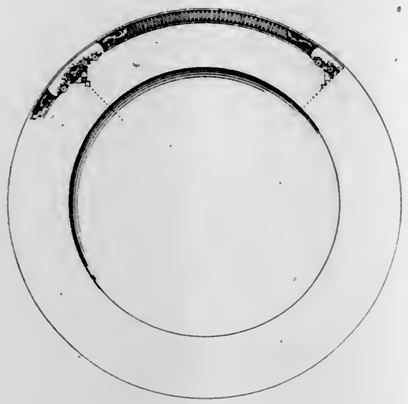
The ornamental design for a plate or similar article, as shown.

69,536. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,378. Term of patent 7 years.



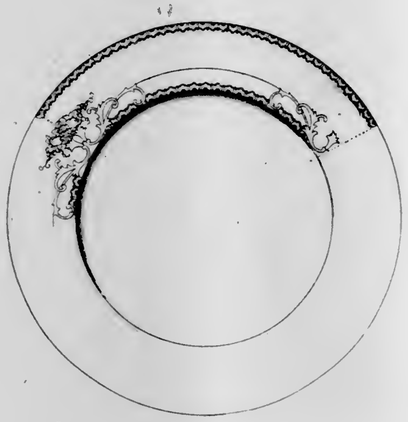
The ornamental design for a plate or similar article, as shown.

69,537. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,379. Term of patent 7 years.



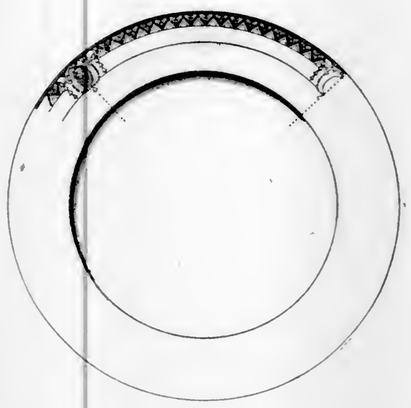
The ornamental design for a plate or similar article, as shown.

69,538. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,380. Term of patent 7 years.



The ornamental design for a plate or similar article, as shown.

69,539. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,381. Term of patent 7 years.



The ornamental design for a plate or similar article, as shown.

69,540. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,382. Term of patent 7 years.



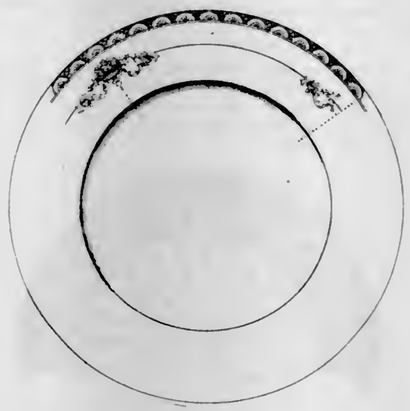
The ornamental design for a plate or similar article, as shown.

69,541. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,383. Term of patent 7 years.



The ornamental design for a plate or similar article, as shown.

69,542. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,384. Term of patent 7 years.



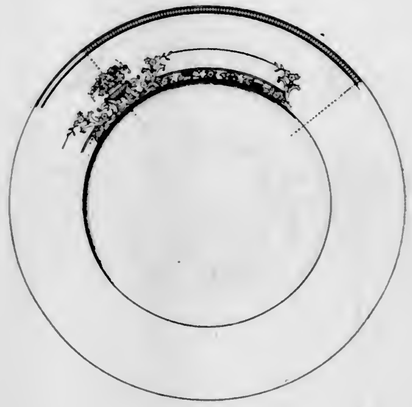
The ornamental design for a plate or similar article, as shown.

69,543. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,385. Term of patent 7 years.



The ornamental design for a plate or similar article, as shown.

69,544. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,386. Term of patent 7 years.



The ornamental design for a plate or similar article, as shown.

69,545. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,387. Term of patent 7 years.



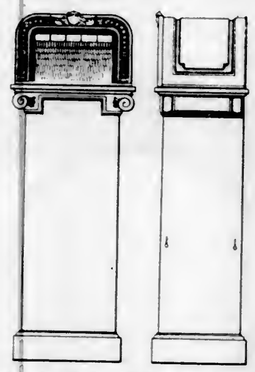
The ornamental design for a plate or similar article, as shown.

69,546. PLATE OR SIMILAR ARTICLE. URASABURO TOMITA, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a Corporation of Japan. Filed Aug. 10, 1925. Serial No. 14,388. Term of patent 7 years.



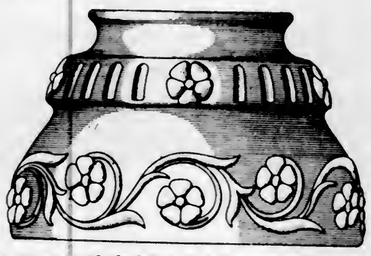
The ornamental design for a plate or similar article, as shown.

69,547. MOTION-PICTURE-PROJECTING CABINET. RODRIGUE JOSEPH ANTOINE TRIANA, ANDRÉ ELIE LAURENT TRIANA, and JUAN ORTIZ ESCOFET, Paris, France. Filed July 11, 1925. Serial No. 14,061. Term of patent 3½ years.



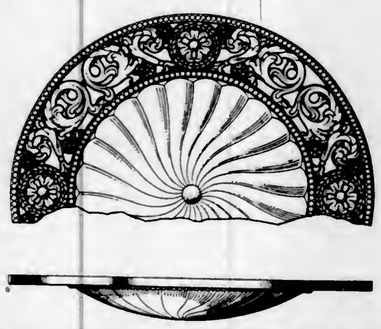
The ornamental design for a motion picture projecting cabinet as shown.

69,548. LAMP SHADE OR SIMILAR ARTICLE. GUSTAVE E. VILLARET, Leonia, N. J., assignor to The Phoenix Glass Company, Pittsburgh, Pa., a Corporation of West Virginia. Filed Nov. 10, 1925. Serial No. 15,394. Term of patent 3½ years.



The ornamental design for a lamp shade or similar article, as shown.

69,549. PLATE FOR LIGHTING FIXTURES. LESTER R. WELLMAN, Chicago, Ill., assignor to Friedley-Voshardt Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 3, 1925. Serial No. 12,543. Term of patent 3½ years.



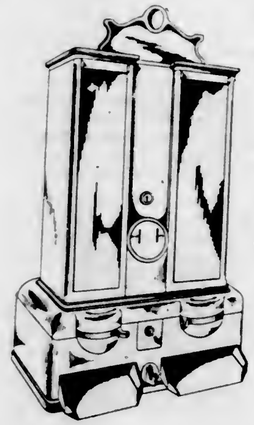
The ornamental design for a plate for lighting fixtures, as shown.

69,550. LANTERN. LESTER R. WELLMAN, Chicago, Ill., assignor to Friedley-Voshardt Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 24, 1925. Serial No. 12,866. Term of patent 7 years.



The ornamental design for a lantern, as shown.

69,551. VENDING-MACHINE CASING. FRED L. WILKE and WILLIAM BURNS, Chicago, Ill. Filed Oct. 24, 1925. Serial No. 15,248. Term of patent 3½ years.

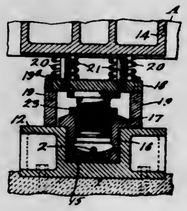


The ornamental design for a vending machine casing, as shown.

PATENTS

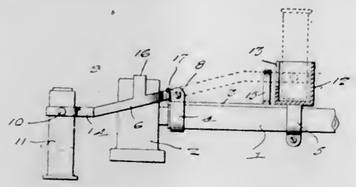
GRANTED FEBRUARY 23, 1926.

1,573,792. CONDENSER SUPPORT. ROBERT W. ALLERTON, South Orange, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Apr. 8, 1924. Serial No. 704,914. 4 Claims. (Cl. 60—95.)



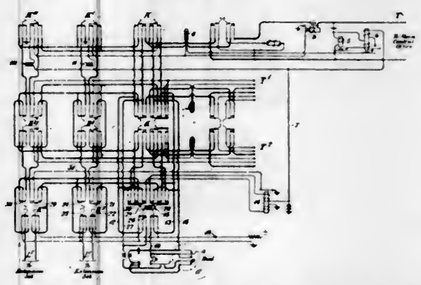
2. The combination with a condenser, its base, and spring supporting units for said condenser, of separate movable members on which the respective units are mounted, a fluid pressure operated jack for each unit including pressure indicating mechanism arranged to cooperate with said base and said movable members for indicating the pressure imposed on the separate units, and means for supporting the movable members when the jacks are removed.

1,573,793. AIR-PRESSURE-GAUGE ATTACHMENT FOR INFLATING HOSE. ARTHUR G. ANDERSON, Osage, Minn. Filed Feb. 3, 1925. Serial No. 6,586. 6 Claims. (Cl. 248—20.)



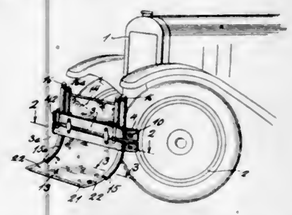
6. An air gauge attachment for an inflating hose comprising a bar supported on said hose adjacent the usual inflating valve head carried on the free end of the hose, a yoke member pivotally supported at one end on the forward end of said bar, a forkshaped member carried by the opposite end of said yoke, means associated with said fork shaped member for supporting an air gauge in a vertical position, an open top holder supported on the inner end of said bar and adapted to receive said air gauge when the same is in an inoperative position and the yoke is disposed over said bar, means for holding said yoke member against upward swinging movement when disposed in an inoperative position, said yoke member adapted to be swung over said valve head whereby the air gauge is disposed in an operative position, a cross seat associated with the yoke and engaging the top of the valve head when the air gauge is in an operative position for limiting the downward swinging movement of the yoke member, and means for preventing the upward swinging movement of the yoke member when said air gauge is in operative position.

1,573,794. TELEPHONE-EXCHANGE SYSTEM. RAND S. BAILEY, Montclair, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Nov. 12, 1923. Serial No. 674,301. 3 Claims. (Cl. 179—42.)



1. In a private branch exchange comprising a plurality of subscribers' extensions, a plurality of transmission circuits for interconnecting said extensions, switching means associated with each transmission circuit at each extension for connecting a calling extension and transmission circuit, a ringing key for each extension, and means responsive to the operation of a ringing key at a called extension for connecting such extension with a calling extension.

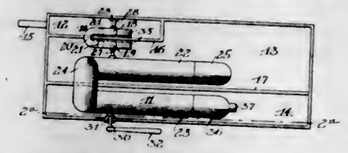
1,573,795. AUTOMATIC SAFETY PICK-UP DEVICE FOR AUTOMOBILES. JOSEPH S. BALL, Denver, Colo., assignor of one-half to Alice T. Moore, Denver, Colo. Filed Sept. 24, 1925. Serial No. 58,288. 3 Claims. (Cl. 293—25.)



1. An automatic safety pick up device for automobiles comprising, in combination, a roller, means for securing said roller in horizontal position in front of an automobile, a flexible fabric having one end secured to the roller and adapted to be rolled thereonto and therefrom, the other end of said fabric being secured to a bar, means for guiding said bar towards and away from said roller, spring means for urging said bar away from the roller, means for holding it in collapsed position and means for rendering the holding means inoperative.

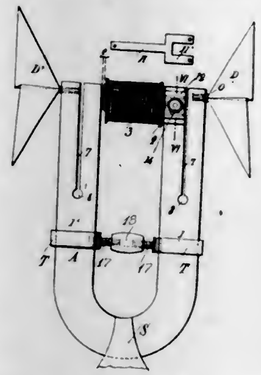
1,573,796. LIQUID-TRANSFER MEANS. JOSEPH A. BARR, Coldwater, N. Y. Filed Aug. 19, 1925. Serial No. 51,271. 10 Claims. (Cl. 4—42.)

1. The combination with receiving, supply and discharge receptacles and a liquid supply source connected with the receiving receptacle, of an adjustable siphon for transferring from the receiving to the supply receptacle, a second siphon for transferring from the supply to the discharge receptacle operatively connected with the first for moving the latter to a predetermined position, the



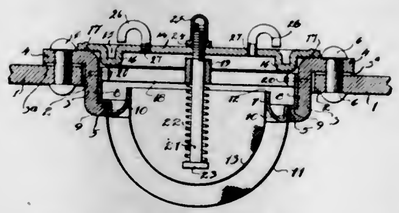
second mentioned siphon being adapted upon delivering a predetermined charge to be returned to normal position by the first mentioned siphon when moving from said predetermined position.

1,573,797. ELECTROVIBRATOR. PIERRE EMILE BEAL and LOUIS LUCIEN EDOUARD FANET, Levallois-Perret, France. Filed Oct. 28, 1925. Serial No. 65,413. 15 Claims. (Cl. 179—109.)



13. An electro-vibrator comprising, in combination, a horse shoe magnet having branches each provided with an elongated slot extending from an intermediate portion through the end thereof, an electric coil operatively interposed between the branches and a diffusor carried by at least one of said branches of the magnet.

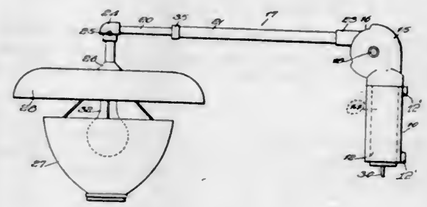
1,573,798. AUTOMATIC SAFETY EMERGENCY VALVE FOR OIL TANKS AND OTHER CONTAINERS OF INFLAMMABLE FLUIDS. VICTOR J. BOGGIANO, Chicago, Ill. Filed Nov. 30, 1923. Serial No. 677,737. 5 Claims. (Cl. 220—88.)



1. A member provided with a plurality of horizontal annular flanges, an additional member provided with an annular flange adapted to rest on the lower one of the first named annular flanges, in combination with a plurality of hemispheres respectively provided with a plu-

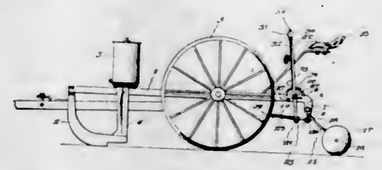
rality of perforations and attached to said additional member, a rigidly mounted member provided with apertures and with a central aperture, a bolt longitudinally movable in said central aperture, a cover arranged to rest on said first named member when in normal position, an aperture in said cover through which said bolt extends, a nut on said bolt on the upper side of said cover, and a spring on said bolt below said apertured member arranged to yieldingly hold said cover in said normal position, a goose neck tube mounted on said cover, and a check valve in said goose neck arranged to permit air to flow from the atmosphere therethrough.

1,573,799. LIGHT BRACKET. HARRY J. BOSWORTH, Chicago, Ill., assignor to Harry J. Bosworth Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 29, 1924. Serial No. 758,517. 3 Claims. (Cl. 240—73.)



1. In a lighting fixture, a support, an arm mounted on said support, said arm comprising a pair of telescoping tubes, a block member mounted in one tube, a block member mounted in the other tube, a light on said arm, and a conductor for said light, said conductor extending through said tubes and coiled helically between said block members and means mounted upon one of said block members and co-operable with the other block member for limiting the extension of said tubes.

1,573,800. MULCHING DEVICE FOR PLANTERS. JOHN BOULLION, GEORGE BOULLION, and PAUL BOULLION, Conde, S. Dak. Filed Sept. 7, 1923. Serial No. 661,408. 3 Claims. (Cl. 97—56.)

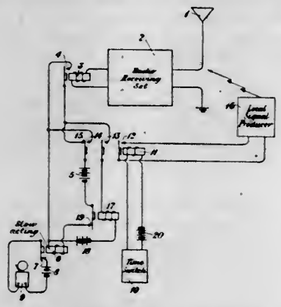


1. The combination with a planter, of a cross bar rotatably secured to the planter frame, arms adjustably secured upon the ends of said cross bar, curved axles connected intermediate the ends thereof to said arms, inclined opposing disks mounted upon said curved axles, and means upon said arms to rotatably adjust said curved axles to vary the inclination of said disks to govern the extent of mulch.

1,573,801. TROUBLE-ALARM SYSTEM FOR RADIO RECEIVING SETS. RALPH BOWN, East Orange, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Oct. 5, 1923. Serial No. 666,824. 7 Claims. (Cl. 250—20.)

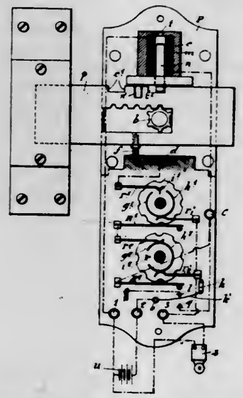
1. In association with a radio receiving set, a signal producer designed to transmit a local signal to the receiving set, a slow acting relay, means controlled by said

slow acting relay for giving an alarm, means for periodically setting in operation said signal producer and simultaneously therewith setting in operation means for



actuating said slow acting relay, and means—responsive to the local signal when the receiving set is in operative condition—for preventing the actuation of said slow acting relay.

1,573,802. ELECTRIC SAFETY COMBINATION LOCK. LOUIS CADENEL, Paris, France. Filed Jan. 15, 1923. Serial No. 612,843. 3 Claims. (Cl. 70—63.)



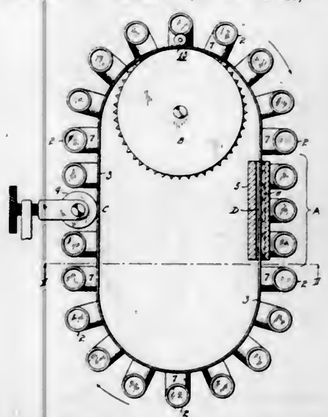
1. In a safety lock of the type described, the combination of a sliding bolt provided with two recesses, one corresponding to the open, and the other to the closed position of the lock, an electromagnet having a movable armature adapted when current is not passing through the coil of the magnet to engage in either of the said recesses, mechanism for operating the bolt by means of a knob from the outside, a plurality of commutators, each of said commutators being provided with a metallic wheel with symmetrically disposed notches around its periphery, the said wheel being insulated from the casing and being carried by a spindle adapted to be operated by means of a knob on the outside, a spring conducting arm provided with a stud adapted to engage the said notches, a conducting finger mounted upon each commutator wheel, an insulated broken ring also mounted upon the said wheel, conducting brushes adapted to come into contact with the said finger and the said ring, means for setting the commutator wheel so that the finger only comes into contact with the corresponding brushes after a determined number of notches of the commutator wheel have been passed, a source of electric energy, an alarm bell and suitable electric connections so arranged that when the fingers of all the commutators coincide with their contact brushes, the current passes to the magnet to enable the lock to be operated, whilst when both the brushes of a commutator rest upon the conducting ring the current passes to the alarm bell and the magnet is not operated, a notched dished disc in connection with the mechanism through which a hook attached to the cover is adapted to pass when the figure combinations are in the correct positions for opening the locks, all substantially as and for the purposes set forth.

1,573,803. UNCOUPLING DEVICE FOR RAILWAY CARS. PERCY B CAMP, Maywood, Ill., assignor to Universal Draft Gear Attachment Company, a Corporation of Illinois. Filed Apr. 12, 1923. Serial No. 631,640. 6 Claims. (Cl. 213—166.)



1. A locking pin lifting element, comprising a member having one end bent to form an attaching eye and its other end bent to form a loop, and a second member having one end bent to form an eye and its other end bent to form a loop threaded through the loop of said first named member, the planes of said loops being arranged at an angle to each other and one of said member being provided with means for engaging the other for preventing relative pivotal movement of said members.

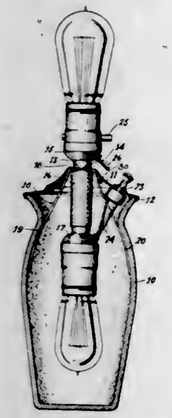
1,573,804. MOVING-LENS CINEMATOGRAPH APPARATUS. CHARLES WILLIAM REA CAMPBELL, Driehoek, and FRANK GOWYNE ALFRED ROBERTS, Johannesburg, Transvaal, South Africa. Filed Dec. 20, 1923. Serial No. 681,683. 11 Claims. (Cl. 88—16.8.)



1. The combination of a thin spring band of naturally circular form, a series of lens mounts thereon, means constraining one part of the band against outward move-

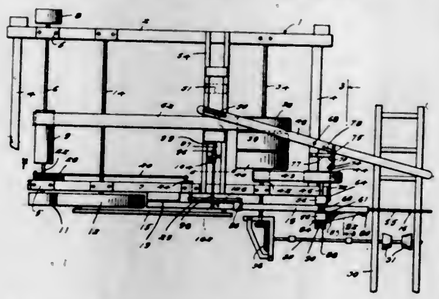
ment, means constraining the band at another part by inward pressure only to form a natural straight section at said other part, and means for driving the band.

1,573,805. LAMP STRUCTURE. MELBERT B. CARY, New York, N. Y. Filed May 22, 1924. Serial No. 715,013. 5 Claims. (Cl. 240—52.)



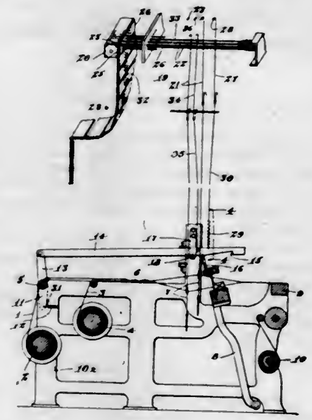
1. A lamp structure adapted for use with a receptacle, comprising a cover adapted to fit on the upper end of the receptacle, a spindle carried by the cover, a weight carried by the spindle and extending downwardly into the receptacle when the structure is mounted thereon, a lamp socket secured to the lower end of the spindle and a lamp socket secured to the upper end of the spindle.

1,573,806. LOG-SAWING MACHINE. ORVILLE L. CHANDLER, Stamford, N. Y. Filed Aug. 6, 1923. Serial No. 656,005. 4 Claims. (Cl. 143—63.)



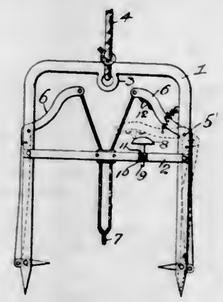
4. A log sawing machine comprising in combination with the frame, a driving mechanism, a reciprocatory saw, a vertically swinging guide for said saw, means for reciprocating said saw, a log feeding means, a lever pivoted on said frame and having a portion disposed in the path of the log and adapted to be engaged thereby, a belt shifting mechanism adapted to be operated by said pivoted lever, means controlled by said belt shifting mechanism for placing said saw reciprocating mechanism in operation, a primary mechanism for holding said saw guide and saw in elevated inoperative position, comprising a member having a shoulder disposed beneath said saw guide, a pivoted detent on said pivoted lever, interlocking means between said member and said detent, and means for automatically disengaging said interlocking means upon the release of said primary holding mechanism, a secondary holding means for counterbalancing the weight of the saw guide and saw, including interlocked disengageable members, one of said disengageable members being connected with a counterbalance, and a log engaging member connected with the other of said disengageable members and adapted to release said counterbalance upon contact of said second disengageable member with the leg.

1,573,807. FABRIC AND IN LOOM EMPLOYED IN THE MANUFACTURE THEREOF. CHARLES BORDEN CHASE, Fall River, Mass. Filed Nov. 6, 1924. Serial No. 748,059. 4 Claims. (Cl. 139—24.)



1. In a loom, a lay; a warp beam; a vibrator to tighten and to loosen the warp, to weave a crinkle fabric; an operative connection between said lay and said vibrator, that may be broken or completed when desired to change from a crinkle to another weave, or vice versa.

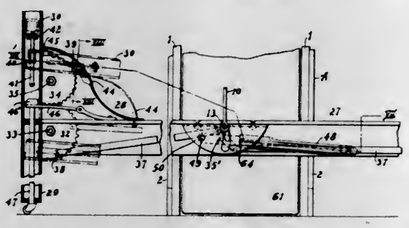
1,573,808. HAYFORK SIGNALING DEVICE. JOHN HENRY CLIFT, Fredonia, Ky. Filed Sept. 22, 1925. Serial No. 57,896. 6 Claims. (Cl. 116—67.)



5. In a hay fork signaling device, the combination of a frame provided with an eye, a trip lever pivotally mounted on the side of said frame and adapted to move towards the center of the frame, a two section stem hingedly connected together and threaded into said eye, a bell supported upon the lower end of said stem, a striker device including a curved plate and a striker on one

edge of said trip lever, said plate provided with an elongated slot, and a screw in said slot and threaded into said trip lever whereby the striker device is adjusted to a nicety with respect to the bell for striking the bell when the trip lever is swung upon the frame.

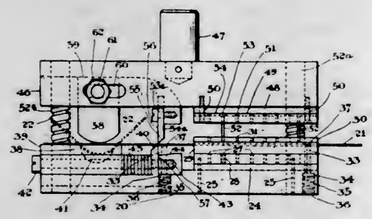
1,573,809. FOLDING BED. WILLIAM CRAMER, St. Louis, Mo. Filed Oct. 12, 1922. Serial No. 594,034. 6 Claims. (Cl. 5—179.)



1. In a folding bed, a bedstead provided with a foldable leg depending from and entirely supported by the bed, a locking member adapted to hold said leg in its unfolded position, and a bed-supporting device cooperating with said locking member to retain the latter in its operative position.

4. In a folding bed, a bedstead comprising side members, brackets at the ends of said side members, endboards pivotally mounted in said brackets, said brackets having openings at the top to permit pivotal movement of said endboards, and movable closures for said openings, said closures being movable with the respective endboards.

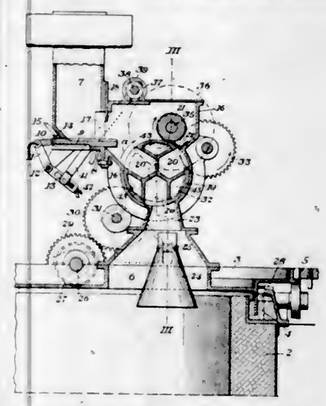
1,573,810. APPARATUS FOR MAKING SHOE SHANKS. CHRISTOPHER C. CUNNINGHAM, Montreal, Quebec, Canada, assignor to A. G. Mooney Limited, Montreal, Quebec, Canada. Filed Jan. 19, 1924. Serial No. 687,271. 7 Claims. (Cl. 113—42.5.)



1. An apparatus of the character described comprising upper and lower die members, bending, shearing and punching elements adjustably carried by each die member and cooperating with the complementary elements of the other die member, means for rigidly securing the elements of each set to the die member when said elements are in the desired position of adjustment, the arrangement being such that the bending, shearing and punching operations are accomplished simultaneously by movement of one of said die members in the direction of the other die member.

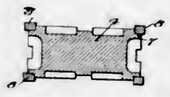
1,573,811. FUEL FEED FOR GAS PRODUCERS. REINHARDT DAAE, Youngstown, Ohio. Filed June 7, 1923. Serial No. 643,908. 10 Claims. (Cl. 214—35.)

1. In a fuel feed for gas producers, a chute, a casing, fuel feeding means at the lower end of the chute for delivering fuel to one side of the casing, mechanism for operating said fuel feeding means to periodically deliver predetermined quantities of fuel thereby, a rotary feeder in the casing having a pocket which is brought to filling position relative to the feeding means, the feeder being



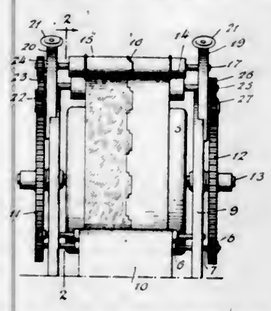
so positioned that fuel which projects beyond the pocket will fall back toward the feeding means, substantially as described.

1,573,812. PLUNGER. CLYDE C. DALLEY, Terra Cotta, D. C., assignor to Allan Scott Wolfe, Washington, D. C. Filed Aug. 14, 1925. Serial No. 50,157. 3 Claims. (Cl. 25—102.)



1. In a brick molding machine a table provided with molding cavities therein, plungers reciprocable in said cavities each of said plungers being longitudinally grooved along its edges, bearing strips seated in said grooves and means for detachably securing said bearing strips in place in said grooves.

1,573,813. METHOD OF AND MEANS FOR CUTTING PAPER. SAMUEL F. DAMM, Niagara Falls, N. Y., assignor to Niagara Wall Paper Company, Niagara Falls, N. Y., a Corporation of New York. Filed Jan. 14, 1925. Serial No. 2,273. 8 Claims. (Cl. 164—28.)

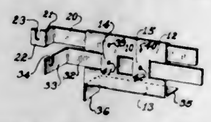


1. A method of cutting paper consisting of rolling a cutting surface over one side of a strip of moving paper at the same rate of peripheral speed as the travel of the paper and normally moving a cylindrical surface on the opposite side of the paper at a different rate of travel than that of the paper.

1,573,814. METHOD OF PREVENTING FROTH ON PAPER MACHINES. JUDSON A. DE CEW, Mount Vernon, N. Y., assignor to Process Engineers, Inc., New York, N. Y., a Corporation of New York. Filed Dec. 14, 1921. Serial No. 522,341. 2 Claims. (Cl. 92—38.)

1. A method of decreasing the frothing properties of a paper pulp which has been treated with rosin size and alum, which consists in precipitating soluble frothing ingredients by means of a treatment with a soluble iron salt.

1,573,815. COMBINATION SHADE BRACKET. MORTIMER DORAN, Waterbury, Conn. Filed Oct. 16, 1924. Serial No. 744,049. 3 Claims. (Cl. 156—24.)



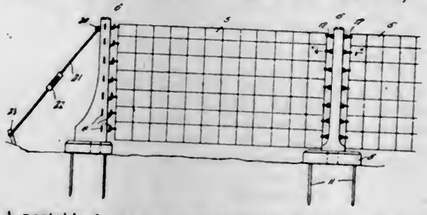
3. In a combination window shade and curtain holding fixture, a bracket adapted to be attached to the side of a window frame, said bracket having a pair of guiding members struck up from the metal thereof, said bracket having a pair of adjustable members slidable in said guiding members for supporting the ends of a window shade roller and of a curtain rod respectively, and said bracket having an angular flange adapted to fit in the corner of the window frame between the molding strip and the window frame, said guiding members having portions alternately bent in opposite directions at the centre of said bracket.

1,573,816. CHAIN GRATE. WILLIAM M. DUNCAN, Alton, Ill. Filed Aug. 18, 1921. Serial No. 493,198. 11 Claims. (Cl. 110—40.)



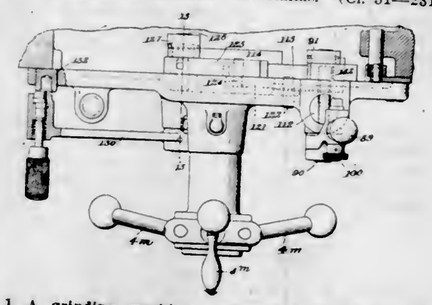
3. A grate link having an upper longitudinal baffle at the upper edge of one of its side faces, and a lower longitudinal baffle at the upper portion of its other side face.

1,573,817. PORTABLE FENCE. BEAUREGUARD EDWARDS, Brunswick, Ga. Filed Apr. 18, 1923, Serial No. 632,847. Renewed Oct. 21, 1925. 1 Claim. (Cl. 256—27.)



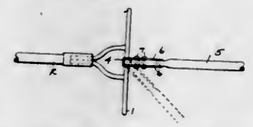
A portable fence including a plurality of base elements of enlarged flat form having vertical openings in the central portions thereof, each base being provided with a plurality of anchoring elements extending below the base for engagement in the ground and arranged in spaced relation with each other around and spaced from the central opening, post elements removably mounted in the openings in said blocks for support thereby, latches for locking the posts to their respective blocks, said posts having a plurality of hooks carried thereby, and fence sections secured by said hooks between the posts for providing a readily removable fence.

1,573,818. SHOCK-ABSORBING MOTOR ACCELERATOR. SOL EINSTEIN, Cincinnati, and HERMAN R. ISLER, Norwood, Ohio, assignors, by mesne assignments, to The Cincinnati Milling Machine Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Oct. 25, 1923. Serial No. 670,774. 26 Claims. (Cl. 51—231.)



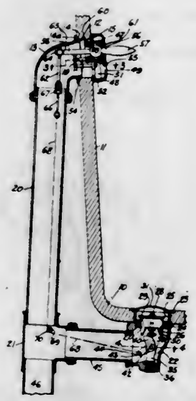
1. A grinding machine combining a work-carrier; a slow-motion transmission for advancing said work-carrier; a by-pass transmission adapted to transmit motion more rapidly than said other transmission and to overrun the same without interference; resilient means for enabling said by-pass transmission gradually to speed up; and clutch mechanism for rendering either transmission operative.

1,573,819. RAKE. IGNATIUS P. FRIEBURGER, Fort Wayne, Ind. Filed Sept. 2, 1925. Serial No. 54,017. 4 Claims. (Cl. 94—45.)



1. A rake consisting of a head member, a handle rigidly secured to the head and a second handle pivoted to the head for universal movement thereon.

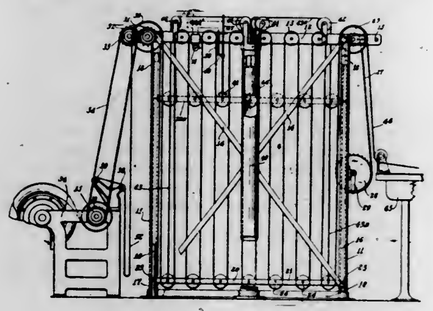
1,573,820. WASTE AND OVERFLOW FIXTURE FOR BATHTUBS. SAMUEL GADE, New York, N. Y. Filed Sept. 19, 1925. Serial No. 57,385. 6 Claims. (Cl. 4—203.)



1. In a waste and overflow fixture for bath tubs, a waste chamber having a water passage in communication with the bottom of a bath tub, an overflow housing, a clamping member at the inside of the tub, fixedly securing

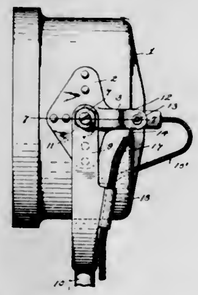
the said housing to an outer side wall of the said tub around an overflow opening, pipes leading from, respectively, the said waste chamber and the said overflow housing to an outlet pipe, a valve to close the water passage between the said tub and waste chamber, and an overflow shield carrying mechanism for operating the said valve, detachably secured at the inside of the said wall of the tub and around the said overflow opening directly to the overflow housing, independently of the said clamping member.

1,573,821. FESTOONING RACK. JOHN R. GAMMETER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed June 27, 1921. Serial No. 480,678. 4 Claims. (Cl. 154—9.)



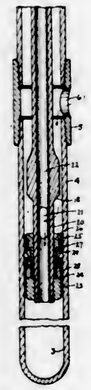
1. A festooning rack comprising an upper set of rollers journaled in fixed positions, a lower set of floating rollers adapted to be threaded by the work in alternation with those of the upper set, bearing members for said floating rollers, a counterweight substantially lighter than said set of floating rollers and their appendages, a plurality of lines operatively connecting said bearing members with said counterweight, and sheaves suitably journaled for said lines, said counterweight and its connections to said floating rollers being adapted constantly to equalize the movement of the latter from and toward said upper set of rollers as the work is fed into and withdrawn from the rack.

1,573,822. VEHICLE LIGHT. ROBERT F. GATCH, Columbus, Ohio. Filed June 14, 1924. Serial No. 719,988. 2 Claims. (Cl. 240—61.)



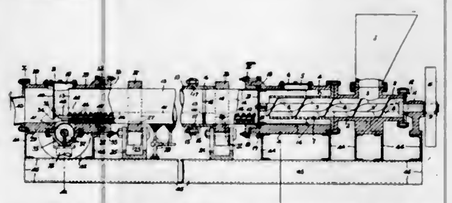
1. In a vehicle lamp, a vertically tiltable lamp casing, plates secured to said casing upon opposite sides of the same and reinforcing said casing at the pivotal pointa thereof, one of said plates being provided with a laternlly disposed crank extension having the outer end thereof terminated in spaced apertured ears, a pin arranged to be positioned in the apertures of said ears, and an operating wire for tilting said casing having one end thereof secured to said pin between said ears and serving to lock the pin in its operative position.

1,573,823. PUMP. ELLSWORTH GRAY, Houston, Tex. Filed Sept. 28, 1925. Serial No. 59,068. 7 Claims. (Cl. 103—189.)



1. In a pump a pump barrel closed at its lower end and having a lateral opening thereto between its ends, a pump plunger adapted to reciprocate in said pump barrel, packing means on said plunger above said opening, said plunger having openings therein adjacent the lower end, a valve sleeve slidable on said plunger, means to limit the sliding of said valve and a valve at the upper end of said plunger.

1,573,824. APPARATUS FOR DISTILLING CARBONACEOUS MATERIALS. CHARLES ALBERT GRIFFITHS, Johannesburg, Transvaal, South Africa. Filed May 31, 1924. Serial No. 717,169. 2 Claims. (Cl. 202—15.)

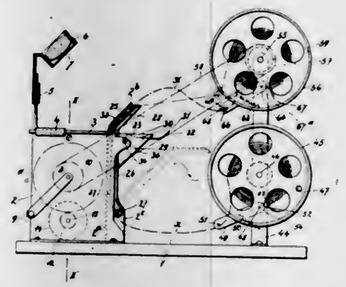


1. Apparatus for distilling carbonaceous materials, including a revolvable tubular retort of small diameter, having a thin wall to which the heat is applied externally, means for heating the retort, and a freely rolling metallic brush arranged inside the retort and unconnected with the retort, and rotated only by frictional contact with the walls thereof, and of a diameter considerably less than the internal diameter of the retort, for cleaning the internal wall thereof and for distributing the heat throughout the mass of the material under treatment, as set forth.

1,573,825. APPARATUS FOR VIEWING CINEMATOGRAPHIC FILM BANDS. ALFRED GRÜNFELD, Vienna, Austria. Filed Apr. 8, 1925. Serial No. 21,619. 26 Claims. (Cl. 88—17.)

1. An apparatus for viewing cinematographic filmbands, comprising in combination a casing, a film carrying and feeding means mounted in said casing, a film-

guide mounted on said casing, the said guide being formed by two branches of a plate bent at an angle and forming the rear wall of the said casing, and a flap

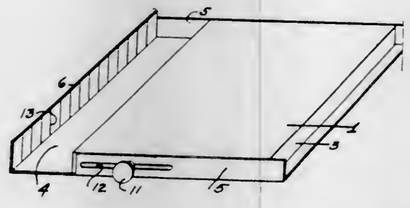


hinged to one of the said walls of the casing, the filmband being adapted to pass through the clear space between the said rear wall and flap.

1,573,826. METHOD OF ATTACHING LABELS TO ALUMINUM WARE. AARON MARTIN HAGEMAN, Bloomfield, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed June 29, 1921. Serial No. 481,210. 15 Claims. (Cl. 216—62.)

1. The method of firmly affixing a label to aluminum ware which comprises heating a portion of the surface of the ware to roughen it for the purpose of retaining an adhesive and applying a label thereto after cooling.

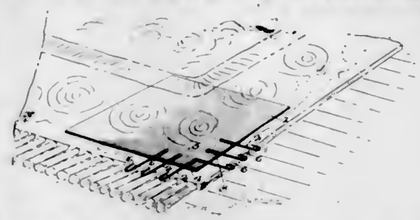
1,573,827. PILL TILE. HUBERT L. HAMILTON, Louann, Ark. Filed Mar. 12, 1925. Serial No. 15,168. 6 Claims. (Cl. 107—46.)



2. The combination with a tray, having a bottom, sides and at least one end extending upward from said bottom, of a pill tile slidably mounted in said tray, said tile comprising a mixing slab having depending ends and sides, said sides being longitudinally slotted, racks disposed parallel to said sides and secured to the under surface of said tile, pinions, one engaging each of said racks, a pinion shaft disposed in said slots carrying and secured to said pinions and means for turning said shaft.

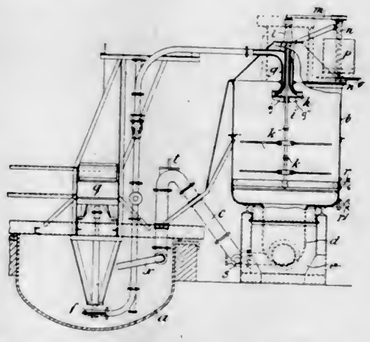
1,573,828. STIFFENING AND PROTECTING DEVICE FOR RUGS. JAMES L. HAMILTON, Red Bluff, Calif. Filed June 7, 1924. Serial No. 718,599. 1 Claim. (Cl. 154—49.)

A stiffening means for the corners of rugs comprising a flat plate having a plurality of wire prongs secured to a face of the plate and projecting beyond the adjacent edges of the plate and disposed in a plane above the surface plane of the said plate, said prongs having bent portions forming hooks returned upon said prongs and spaced above said face of the plate, the free ends of the hooks terminating short of the adjacent edges



of the plate, said hooks being located parallel to the plate and adapted to be inserted in a rug and between the upper end lower faces of the rug.

1,573,829. APPARATUS FOR REFINING OR SEPARATING METALS. HENRY HARRIS, London, England. Filed Dec. 8, 1922. Serial No. 605,597. 16 Claims. (Cl. 266—34.)



1. In apparatus for treating molten metal, the combination of a pot for the molten metal, a stationary container for molten reagent located at one side of the pot and having a well at its lower end for containing a sufficient quantity of molten metal to seal the lower end of the container, means for conveying the metal from the pot to the container, and a discharge pipe extending upwardly from the well a sufficient height to maintain the desired depth of molten metal for sealing the lower end of the container.

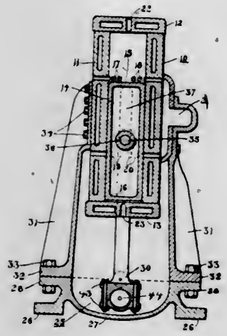
1,573,830. REFINING LEAD. HENRY HARRIS, London, England. Filed July 8, 1924, Serial No. 724,899. Renewed Oct. 20, 1925. 16 Claims. (Cl. 75—15.)

1. Process of refining lead which comprises bringing molten lead while maintained at a temperature not exceeding about 500° C. into intimate contact with a molten reagent comprising molten caustic alkali, and gradually adding an oxidizing agent in such limited quantity that substantially no lead oxide or alkali oxysalt of lead is found in the resulting melt.

1,573,831. DIESEL ENGINE. HERBERT T. HERR, Merion, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 28, 1921. Serial No. 448,374. 1 Claim. (Cl. 123—61.)

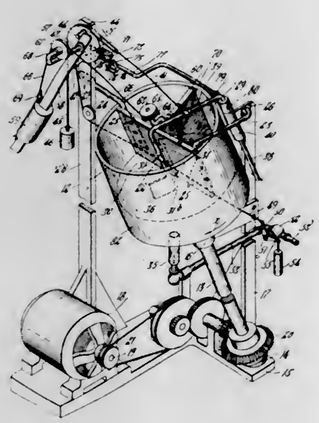
The combination with a double-acting internal combustion engine having a vertically disposed cylinder closed at both ends and a piston arranged to recipro-

cate therein and providing combustion chambers at each end of the cylinder, of piston-controlled inlet and exhaust ports in the cylinder at the inner portions of each combustion chamber, and a supporting frame se-



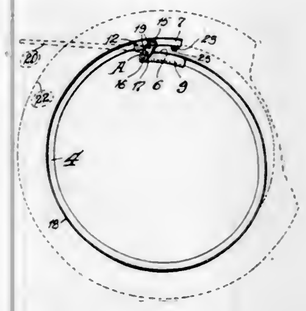
cured to the cylinder centrally between the two ports whereby the periods of opening and closing the ports will be uniformly timed under all conditions of expansion of the cylinder.

1,573,832. MACHINE FOR PREPARING CHOCOLATE FOR CONFECTION COATINGS. PERLEY A. HILLIARD, Wollaston, Mass. Filed May 6, 1925. Serial No. 28,530. 8 Claims. (Cl. 126—343.5.)



1. A chocolate-preparing machine comprising a rotary kettle having an inclined axis, means for heating the kettle, means for rotating the kettle, and a fixed divider subdividing the kettle into a higher and a lower compartment, the divider being separated at one side of the axis from the kettle, so that melted chocolate may flow from the higher to the lower compartment, and in contact with the kettle at the opposite side of the axis, so that melted chocolate is prevented from returning to the higher compartment and is automatically stirred, the lower compartment being adapted to permit the dipping of centers therein.

1,573,833. COMBINED CONTRACTOR AND EXPANDER FOR AUTOMOBILE TIRE RIMS. ALBERT C. HOECKER, Collinsville, Ill. Filed June 6, 1921. Serial No. 475,504. 1 Claim. (Cl. 301—30.)



A tire rim transsplit so as to provide ends thereto, a channel member underlapping each of said rim ends and secured thereto, one of said members overlapping the transsplit of the rim, linkage secured to the adjacent side portions of each of said members, and means provided on the linkage for cooperable engagement with an operating tool.

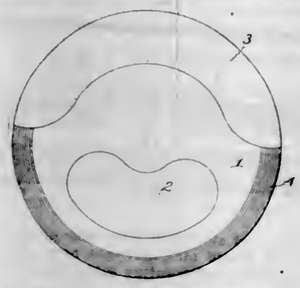
1,573,834. DRAINING DEVICE FOR METER CASINGS. ABRAM G. HOLMES, Pittsburgh, Pa. Filed Oct. 14, 1922. Serial No. 594,520. 5 Claims. (Cl. 73—167.)

3. A meter casing comprising a body, a recessed cover having a drainage aperture formed in the recessed portion thereof and a re-entrant body-engaging flange formed thereon and projecting into the confines of the recess, a member engaging said body and said flange and located opposite to said drainage aperture and within said recess, and a plug for closing said drainage aperture.

1,573,835. DEVICE FOR USE WITH HEADLIGHTS. EDGAR T. HORSEY, Cleveland, Ohio. Filed Dec. 5, 1921. Serial No. 519,920. 2 Claims. (Cl. 240—48.4.)

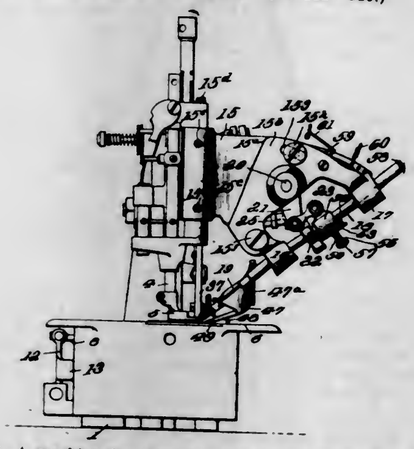
1. A device of the character described comprising a disk-like member adapted for association with the open end of a reflector said disk having an opening through it which opening lies below the transverse center line of the disk said opening having a curved periphery at the portion which is remote from the center of the disk and having a compound curved periphery at the portion

which is adjacent the center of the disk, the portion of the disk surrounding the opening being translucent but not transparent, said disk having an arc-shaped band



and a portion thereof which is oppositely disposed with respect to the opening, said arc-shaped band being opaque to the passage of light.

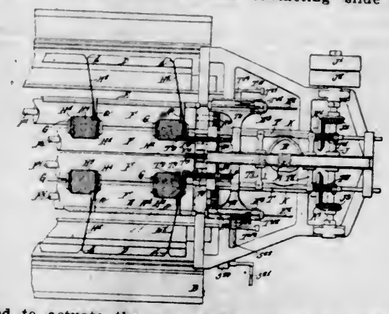
1,573,836. MACHINE FOR FORMING CONCEALED STITCHES. ROBERT R. HUGHES, Jr., Utica, N. Y., assignor to Union Special Machine Company, Chicago, Ill., a Corporation of Illinois. Filed July 11, 1919. Serial No. 310,073. 25 Claims. (Cl. 112—140.)



1. A machine for stitching fabrics and concealing the stitches from view on the right or face side of the fabric, including in combination, a work support, stitch forming mechanism including a reciprocating needle operating in a path forming an obtuse angle with the plane of the work support, complemental stitch forming mechanism cooperating with said needle, means for folding and guiding the edge portion of a fabric around the path of the needle, a presser foot having a fabric engaging surface in rear of the needle, a feeding mechanism for feeding the fabric underneath the presser foot, said guiding means being disposed relative to the needle and the presser foot so as to direct the inturned portion of the fabric across the path of the needle whereby said inturned portion is stitched to a fabric section underneath the same.

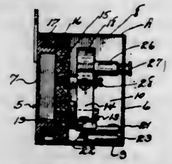
1,573,837. BOBBIN-WINDING MACHINE. GEORGE JUER, Hopewell, Va., assignor to Tubize Artificial Silk Company of America, a Corporation of Delaware. Filed Apr. 28, 1925. Serial No. 26,346. 13 Claims. (Cl. 242—43.)

1. In a bobbin winding machine having means for rotating the bobbin and a reciprocating yarn carrier for guiding the yarn to the bobbin, means for reciprocating the yarn carrier through progressively shorter distances as the yarn is wound consisting of a drum cam of variable throw, a cam contacting slide con-



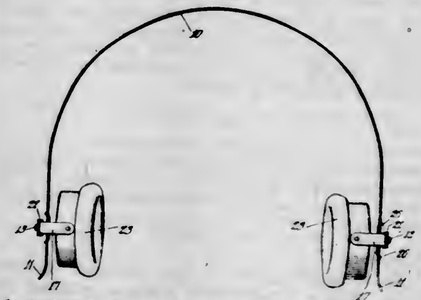
nected to actuate the yarn carrier, means for rotating the cam and means for progressively shifting the cam with relation to the contacting slide to shorten the throw of the slide as the bobbin is wound.

1,573,838. THERMOSTAT. JOSEPH KELLER and HENRY KÜNSTLICH, New York, N. Y. Filed Feb. 21, 1924. Serial No. 694,437. 1 Claim. (Cl. 200—142.)



In a fire alarm, a closed casing, a face plate of insulating material rigidly secured in the casing in spaced relation to the front wall thereof, a lever rockably mounted at one end on said face plate intermediate the face plate and the front wall, a head formed on the free end of the lever, a stationary electric conducting bracket disposed in the path of said head carried by said face block, an outwardly extending removable socket carried by said head, the front wall of the casing being provided with an opening, and a fusible plug arranged to fit in the opening and in said socket for holding the free end of the lever in a raised position above said bracket, the outer end of the alloy pin extending outwardly of the casing.

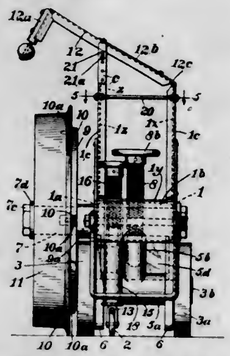
1,573,839. RECEIVER MOUNTING. OSCAR M. LEICH, Genoa, Ill., assignor to Leich Electric Co., Genoa, Ill., a Corporation of Illinois. Filed June 2, 1922. Serial No. 565,407. 6 Claims. (Cl. 179—156.)



1. A device of the character described, comprising a head band of flexible material, a receiver supporting member non-rotatably mounted directly thereon to project

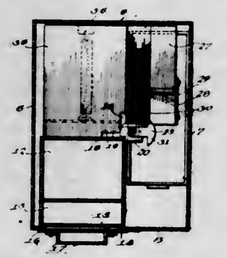
laterally therefrom, and a receiver pivotally mounted on said member, the axis of said pivots extending at a fixed oblique angle to said head band.

1,573,840. FOUNDRY TRUCK. JOHN LYDAY, Kansas City, Kans. Filed Mar. 21, 1925. Serial No. 17,329. 10 Claims. (Cl. 214—65.)



1. In combination, a truck frame having suitable supporting wheels, a carrier axle projecting from one side of the frame, and gravity actuated latch means for detachably holding a car wheel thereon.

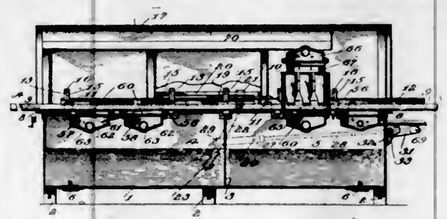
1,573,841. VENDING MACHINE. HILIARY B. MCREE, Palmetto, Fla., assignor, by direct and mesne assignments, to Automatic Sales Corporation, Fort Valley, Ga., a Corporation of Delaware. Filed Sept. 17, 1924. Serial No. 738,209. 7 Claims. (Cl. 194—58.)



4. In a vending machine, the combination of a casing, a delivery drawer, a vertically disposed pivoted lever having one end normally engaging a recess in said drawer, a coin receiver carried by said drawer disposed on a horizontal plane in alinement with the upper end of said lever, said receiver having its side nearest the lever open whereby the coin will contact with the upper end of the lever, rocking it on its pivot to release said drawer when the latter is moved forward.

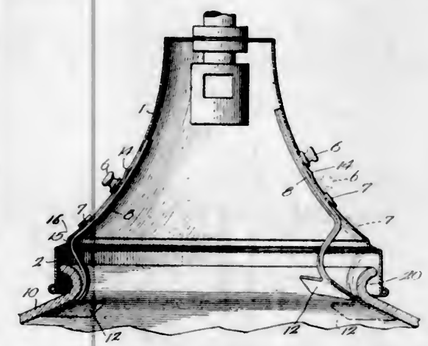
1,573,842. BOTTLE-WASHING MACHINE. ROY A. MANNING, Rutland, Vt., assignor to Manning Manufacturing Company, Rutland, Vt., a Corporation of Vermont. Original application filed June 30, 1920, Serial No. 400,007. Divided and this application filed Dec. 31, 1920. Serial No. 434,276. 3 Claims. (Cl. 198—221.)

1. In an apparatus of the kind described, the combination with a longitudinally disposed guideway for supporting articles to be moved, of slidably mounted rails arranged above said guideway, pivoted gravity dogs carried by said rails for engaging the members in said guideway and moving said members in one direction, rocker levers having a slidable and pivotal connection with said rails, said rocker levers having spaced fingers



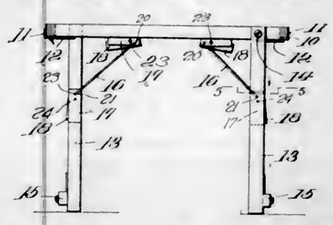
on the edges and slotted pitmans embracing said rocker levers having spaced pins arranged between said fingers for intermittently reciprocating said rails.

1,573,843. LIGHTING FIXTURE. MYER M. MARKS, Chicago, Ill. Filed Nov. 2, 1923. Serial No. 672,412. 4 Claims. (Cl. 240—133.)



1. A shade holder flaring outward and downward in general and having a depending flange at the lower rim, the shade holder having slots arranged in vertical planes in the flaring portion, and independently movable shade supports having handles projecting out through the slots, said shade supports being slidably mounted upon the inner flaring surface and passing obliquely downward and outward a slight distance below the lower edge of the flange for retaining the shade rim within said flange and for passing to a point under the shade rim, said shade supports having circumferential extensions for steadying the shade.

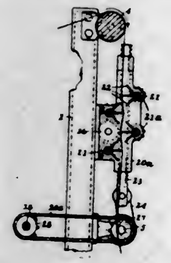
1,573,844. CLOTHES-DRYING RACK. ARTHUR F. MARVIN, Highland Park, Mich. Filed Feb. 19, 1923. Serial No. 620,019. 7 Claims. (Cl. 68—34.)



1. A clothes drying rack of the character described comprising a rectangular frame, a pair of legs pivoted to the inside of said frame near one end, a pair of legs

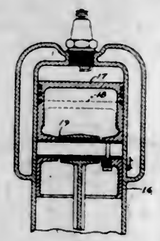
pivoted to the outside of said frame near the other end, spring locking devices each on one side of a leg, and brace rods each pivoted to the under side of a side bar of said frame and each having its free end shaped to engage one of said locking devices.

1,573,845. FABRIC-RUBBING MACHINE. ARTHUR C. MASON, Hawthorne, N. J. Filed Sept. 8, 1924. Serial No. 736,536. 4 Claims. (Cl. 26—27.)



1. In combination, means to hold the fabric stretched, separate fabric rubbing members revoluble on individual axes, and means to oscillate said members on their axes and in rubbing contact with the fabric in relatively opposite directions substantially simultaneously.

1,573,846. METHOD AND MEANS FOR USING MOTOR FUELS. THOMAS MIDGLEY, Jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Apr. 15, 1922. Serial No. 553,270. 21 Claims. (Cl. 44—9.)



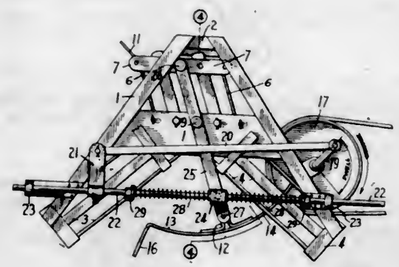
1. A fuel for internal combustion engines comprising a low compression motor fuel, and a volatile compound of a metal adapted to increase the critical compression pressure of the motor fuel.

21. A fuel for internal combustion engines comprising gasoline; and tetraethyl lead.

1,573,847. RECEPTACLE-DISTRIBUTING DEVICE. EARL W. MORTER, Washington Court House, Ohio. Filed Feb. 15, 1923. Serial No. 619,169. 23 Claims. (Cl. 193—31.)

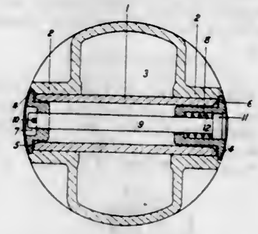
1. In a mechanism of the character described, a main chute, two branch chutes, means to cause said branch chutes to be alternately connected with said main chute, a cut-off pivotally mounted adjacent to the upper ends of said branch chutes comprising a movable member extending downwardly between said branch chutes, parts carried by said member and arranged to move into the respective branch chutes through the inner sides thereof, to control the outlets of said chutes, and means for actuating said movable member in synchronism with the first mentioned means.

4. In a mechanism of the character described, a main chute, two branch chutes, means to cause said branch chutes to be alternately connected with said main chute, a single controlling device pivotally supported adjacent to the upper ends of said branch chutes for movement toward and from the same and having parts adapted to enter the respective branch chutes to control the outlets thereof, each of said parts having an abutment to engage an article in one of said branch chutes and interrupt the movement of said device when said branch chute is full of articles, and yieldable means for actuating said devices.



5. In a mechanism of the character described, a main chute, two branch chutes, a movable connecting device having two passageways arranged to connect the respective branch chutes alternately with said main chute, and means to actuate said connecting device.

1,573,848. GUDGEON-PIN MOUNTING FOR PISTONS. THOMAS BLACKWOOD MURRAY, Glasgow, Scotland. Filed Nov. 23, 1925. Serial No. 70,933. 2 Claims. (Cl. 74—108.)

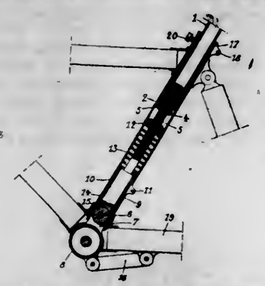


1. In a gudgeon pin mounting for pistons, in combination with a piston having recesses at diametrically opposed points on the periphery thereof, a tubular gudgeon pin located in register with said recesses, gudgeon pin heads seated in said recesses and serving to confine said gudgeon pin axially, one of said heads having a pocket, a tie rod concentric with said pin and passing through said heads, said tie rod having a head at one end and a retaining device at its other end, and a compression spring located between the head on said rod and the bottom of said pocket.

1,573,849. ELASTIC SUSPENSION FOR BICYCLES. CHARLES NAGOT, La Plaine St.-Denis, France. Filed Jan. 3, 1925. Serial No. 378. 5 Claims. (Cl. 208—68.)

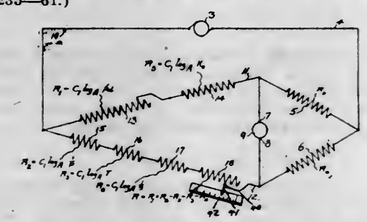
1. In a bicycle the combination of a rod adapted to slide longitudinally through the saddle frame tube, a

socket clamped within said tube, a stop piece on said rod, a spring adapted to balance the rider's weight and supported between said socket and said stop piece and



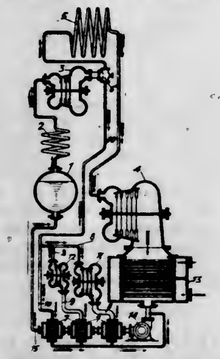
a saddle tube and a movable crank axle bracket respectively carried by the upper end and the lower end of said rod.

1,573,850. LOGARITHMIC RESISTANCE CIRCUIT FOR MEASURING COMBINATIONS OF DIFFERENT FACTORS. JULIUS M. NAIMAN, Chicago, Ill. Filed Dec. 24, 1921. Serial No. 524,809. 6 Claims. (Cl. 235—61.)



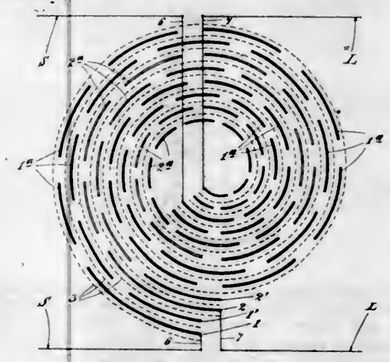
1. A method of measuring the product of several variable factors consisting of, making different electrical resistances respectively proportional to the logarithms of different variable factors multiplied by any constants and then measuring the sum of these resistances connected in series.

1,573,851. STEAM-TURBINE INSTALLATION. HANS NYFFENEGGER, Zurich, Switzerland, assignor to the Firm of Aktiengesellschaft der Maschinenfabriken Escher Wyss & Cie., Zurich, Switzerland. Filed Apr. 29, 1925. Serial No. 26,706. 6 Claims. (Cl. 60—95.)



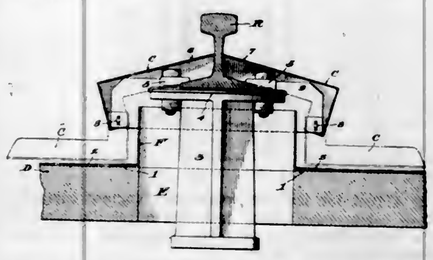
1. A steam-turbine installation, including in combination a feed-water heater having several stages and adapted to be heated by steam-tapped at a single point on the turbine installation, conduits arranged in parallel and leading said tapped steam to the stages of said feed-water heater, and appliances requiring heat adapted to utilize different heat drops and interposed at least in those of said conduits which lead the bleeder steam to the initial and subsequent preheater stages up to the second last stage.

1,573,852. HIGH-FREQUENCY-OSCILLATION DEVICE. WILLIAM J. O'LEARY, Montreal, Quebec, Canada. Filed Apr. 5, 1920. Serial No. 371,537. 11 Claims. (Cl. 250—16.)



1. A device for modifying electrical energy comprising primary and secondary inductive elements formed of segmented conductors separately insulated, with conductors of the primary and secondary elements alternating in juxtaposition and disposed in spiral convolutions.

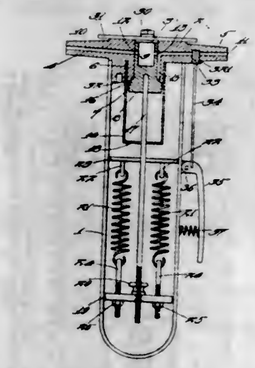
1,573,853. WEATHERPROOF RAIL STAND FOR TRACK SCALES. JOHN WILSON ORROCK, Montreal, Quebec, Canada. Filed May 4, 1925. Serial No. 27,895. 10 Claims. (Cl. 265—71.)



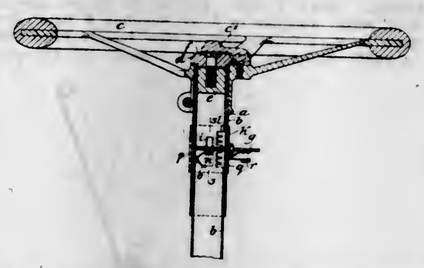
1. In a weatherproof rail stand for track scales, the combination with the deck structure having an opening therein, and a rail stand pedestal projecting through said opening, of a flashing circumferentially surrounding the opening, and a cover unit supported above and surrounding said flashing and including members adapted to be moved laterally and outwardly away from the rail stand.

1,573,854. AUTOMATIC AIR-PRESSURE SIGNAL DEVICE. ARCHIBALD W. PARQUETTE, Watertown, Mass. Filed May 9, 1925. Serial No. 29,232. 4 Claims. (Cl. 50—8.)

1. An automatic signal device having a valve body with a passage adapted to communicate at one end with a source of compressed air and at its other end with an article into which compressed air is to be introduced, said passage having an outlet port through the valve body intermediate the two ends of said passage, a piston which controls said intermediate outlet, a rod connected with said piston, a spring connected at one end with a member carried by said rod and connected at its other end with a member which is adjustable for varying the force of the spring, said spring being adapted to normally hold the piston in position to close said intermediate port until the air pressure is sufficient to overcome the resistance of the spring, a rotatable shaft having a worm portion which engages with a threaded aperture in said adjustable connecting member for the spring, the rotation of said shaft on its axis being adapted to adjust the said spring connecting member to vary the force of the spring and thereby vary the amount of air pressure required to unseat the piston.



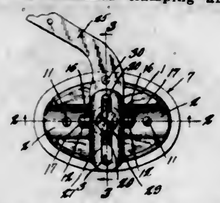
1,573,855. LOCKING DEVICE FOR MOTOR CARS, MOTOR CYCLES, AND CYCLES FOR PREVENTION OF THEFT. WALTER PARTRIDGE, Chadwell Heath, England. Filed Nov. 22, 1924. Serial No. 751,427. 4 Claims. (Cl. 70—127.)



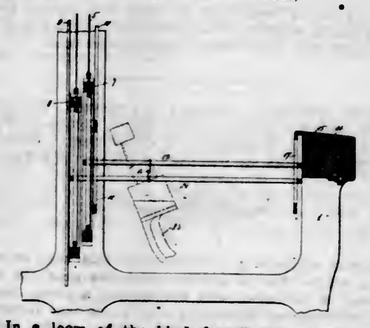
1. The combination with a steering column comprising two concentric tubes rotatably supported with respect to each other, and a hand operated steering device secured to one of said tubes, said tubes being provided with vertical registering slots for the insertion of a key, and laterally disposed registering slots for the reception of locking bits on the key, to lock said tubes together when the key is inserted and turned.

1,573,856. TRUSS PAD. ISAAC MERRICK PEASE, Cincinnati, Ohio. Filed Sept. 14, 1923. Serial No. 662,727. 2 Claims. (Cl. 128—124.)

1. In a device of the class described, a pad, a shaft, a rocker movable in the shaft, a stem longitudinally adjustable in the rocker, means carried by the shaft for holding the stem in longitudinally adjusted positions in the rocker, and a combined clamping and pivotal connection between the shaft and the pad, said connection engaging the rocker to hold the rocker against movement in the shaft.



1,573,857. FILLING-TENSION DEVICE. PETER PELLETIER, Lawrence, Mass. Filed Apr. 17, 1925. Serial No. 23,942. 4 Claims. (Cl. 139—194.)



1. In a loom of the kind described having a shuttle and a breast beam, two harnesses and means for reciprocating them in opposite directions, each harness carrying a pair of rods extending horizontally therefrom across the path of the shuttle in the direction of the breast beam whereby when reciprocated vertically they will engage the shuttle thread and take up the slack therein.

1,573,858. CARDING DEVICE FOR ARTIFICIAL TEETH. LAFAYETTE PICKERING, Columbus, Ohio, assignor to The Columbus Dental Manufacturing Company, Columbus, Ohio, a Corporation of Ohio. Filed Sept. 13, 1924. Serial No. 737,537. 6 Claims. (Cl. 211—34.)

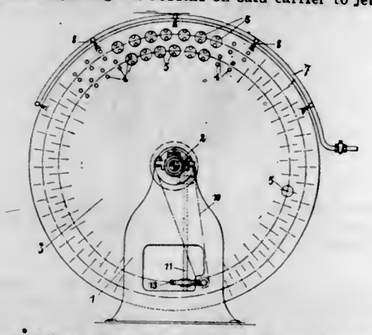


1. A mounting for artificial teeth comprising a base, holding studs on said base, locking members on said base adjacent said studs, and means permitting of relative adjustment between said locking members and studs to effect the securing of a tooth in connection with said base.

1,573,859. PROCESS AND APPARATUS FOR WASHING ARTIFICIAL SILK. ADRIEN PINEL, Rouen, France. Filed Apr. 26, 1923. Serial No. 634,867. 5 Claims. (Cl. 18—8.)

1. A process for treating artificial silk product consisting in alternately washing and drying the same a successive number of times, the washing being effected by spraying and the drying by centrifugal action.

2. An apparatus for washing and drying artificial silk product consisting of a rotary bobbin-carrier, spraying means for subjecting the bobbins on said carrier to jets of



water, operating means for rotating said carrier slowly for a washing operation and means for rotating said carrier rapidly for a centrifugal drying operation.

1,573,860. BUTTON. FORREST G. PURINTON, Waterbury, Conn., assignor to The Patent Button Company, Waterbury, Conn., a Corporation of Connecticut. Filed Oct. 22, 1924. Serial No. 745,158. 1 Claim. (Cl. 24—90.)



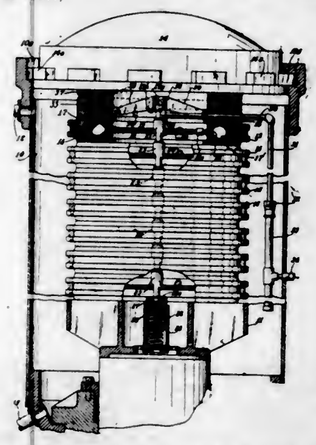
A button comprising a metal head, said head provided with a central hub of greater thickness than the mean thickness of the head, said hub having a recess portion thus providing an upstanding rim, a sub-base formed of a metal disc, cup-shaped in cross section and its exposed surface being curved throughout, said sub-base being fitted within the recess portion and the peripheral edge of its downwardly extending walls contacting with the bottom of the said recess portion, an eyelet secured in said sub-base and the metal rim swedged to anchor the said base within said button and the rim when swedged extending in a plane above the surface of the button and substantially in the same plane as the curved upper surface of the sub-base, the swedged rim and the upper surface of the sub-base providing a space between the button head and the material to which it is to be fastened.

1,573,861. SEAL OR TAG AND METHOD OF APPLYING THE SAME. FORREST G. PURINTON, Waterbury, Conn., assignor to The Patent Button Company, Waterbury, Conn., a Corporation of Connecticut. Filed May 26, 1925. Serial No. 32,934. 5 Claims. (Cl. 40—20.)



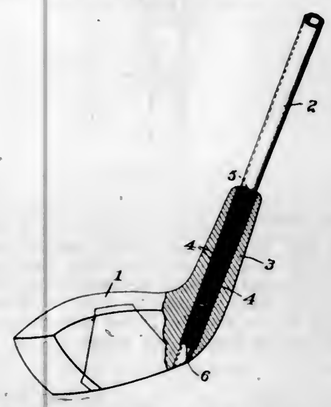
1. A seal for meats comprising a button provided with an aperture, a metal shank of limited ductility having its upper end swedged within said aperture, the joint formed by said swedging being relatively insecure, and the shank initially straight, the lower end of the shank adapted to be curled to pull the seal tightly in position, the ductility of the shank being such that the curl will break if straightened while the button will pull from the shank if the said shank is subjected to a retrogressive movement.

1,573,862. VULCANIZING APPARATUS. NELSON E. RABER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Aug. 31, 1922. Serial No. 585,336. 12 Claims. (Cl. 18—17.)



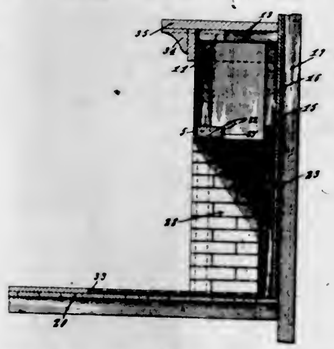
2. Vulcanizing apparatus comprising a mold and means for conducting pressure fluid into a hollow article contained therein, said means comprising an inlet stem projecting from said mold and a fluid-supply pipe connected therewith, the connection comprising male and female fluid-conducting members mated in telescoped relation, and a lip-gasket acting transversely of the conduit to form a seal between said members.

1,573,863. GOLF CLUB. MILTON B. REACH, Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y., a Corporation of New Jersey. Filed June 24, 1925. Serial No. 39,268. 4 Claims. (Cl. 273—80.)



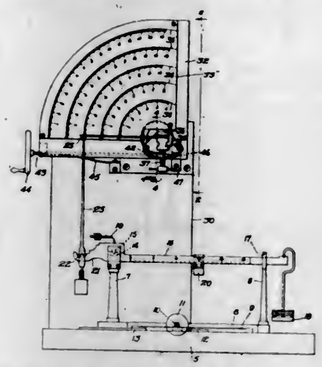
4. In combination, a golf club head, a shaft having transverse spaced notches, a cord wound spirally around the shaft and at intervals entering the said notches, said cord being adhesively secured to the interior wall of the socket of the head.

1,573,864. PORTABLE COMBINED MANTEL, FIREPLACE, AND HEARTH UNIT. PAUL REUTER-LORENZEN, Detroit, Mich. Filed May 8, 1925. Serial No. 28,900. 5 Claims. (Cl. 126—120.)



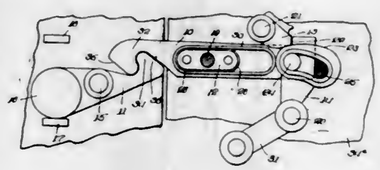
1. A unit of the class referred to comprising a frame, an asbestos sheeting arranged around the inner edges at the intermediate portion of the front of the frame, a metallic lathing secured throughout to the front of the frame further connected to said asbestos sheeting, said metallic lathing further extended into the intermediate portion of the frame to provide a fireplace, a covering of a magnesite compound throughout the outer face of the lathing, a coating of a magnesite composition applied to the outer face of said covering and of the color of mortar, a suitably colored furrowed coating of magnesite composition applied to the outer face of the first mentioned coating, a head element mounted on the frame, and coupling members carried by the frame for the passage of hold-fast devices therefor.

1,573,865. METHOD OF AND APPARATUS FOR TESTING THE ELASTIC PROPERTIES OF METALS. CHARLES W. ROBBINS, La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 12, 1920. Serial No. 388,454. 8 Claims. (Cl. 265—16.)



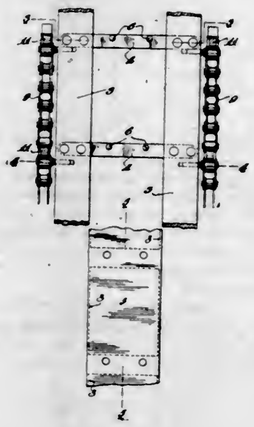
1. The method of testing the elastic properties of materials, which consists in fixing one end of a strip of material of uniform cross section and given length and deflecting said strip out of a normal plane by gradually increasing known amounts in response to pressures applied at the free end, noting the deflection pressures required and permanent set for each amount, and continuing the readings beyond the point where the sample first begins to show a permanent set.

1,573,866. LATCH CONSTRUCTION. JAMES B. ROGERS, Chicago, Ill. Filed May 23, 1921. Serial No. 471,538. 5 Claims. (Cl. 292—113.)



1. A latch construction comprising a hook member, a pivoted hook operating member, means for mounting said hook for pivotal and sliding movement about a support eccentric of the axis of the pivoted hook operating member, said hook operating member having a pivotal connection with the hook member eccentric to the axis of the hook operating member.

1,573,867. MACHINE FOR APPLYING CREAM AND LIKE MATERIALS TO BISCUITS AND THE LIKE. LAURENT RONDOLIN, Bermondsey, England, assignor to Peek Frean & Company Limited, London, England. Original application filed Sept. 18, 1924, Serial No. 738,375. Divided and this application filed May 9, 1925. Serial No. 29,179. 3 Claims. (Cl. 198—193.)

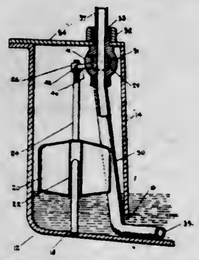


1. In a machine of the kind herein referred to, a carrier belt comprising two relatively thick but narrow endless runs, transverse metal ties holding the said runs in spaced relationship and a thinner midrun supported between the spaced runs aforesaid by the metal ties, substantially as described.

1,573,868. ENGINE-BASE OIL RESERVOIR. AUGUSTIN ROUSSELLE, Montreal, Quebec, Canada. Filed Mar. 14, 1925. Serial No. 15,556. 2 Claims. (Cl. 184—108.)

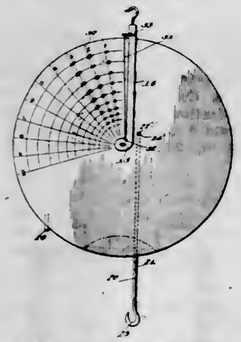
1. An engine base oil reservoir comprising an engine base, having its bed and walls extended at diagonally opposite-points to form wells, valve casings in said wells

respectively forming primary and secondary inlets and discharge, a tubular connection between said casings, an oil supply tank connected to said primary inlet, valves



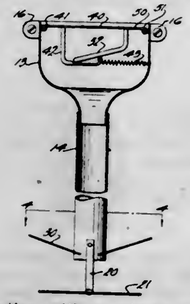
in said casings having operating stems extending through said casings and floats in said wells, having rods therefrom operatively connected with said stems.

1,573,869. WEIGHING SCALE. WILLIAM M. SANDERS, Eagle Creek, Oreg. Filed Mar. 23, 1925. Serial No. 17,743. 2 Claims. (Cl. 265—36.)



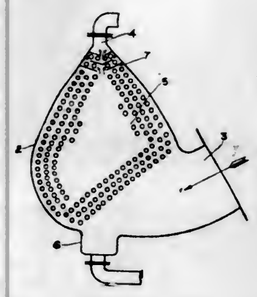
1. In a weighing scale, a pair of disks, a shaft, said disks being connected at their centers to the shaft, a hanger coacting with the shaft to support the same for oscillating movement, weights connected to the disks, and suspension means for the articles to be weighed eccentrically connected to the disks, said suspension means including a T-shaped rod having a shank provided with a hook, and a cross arm having its ends pivotally connected to the disks.

1,573,870. MATERIAL RECEPTACLE. HENRY SANFORD, New York, N. Y. Filed Oct. 24, 1921. Serial No. 509,928. 5 Claims. (Cl. 4—275.)



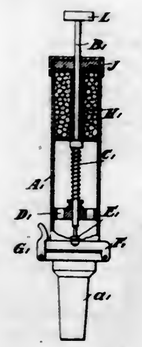
1. The combination with a vehicle employing inflammable liquid, of an ash receiver in the vehicle and a platform beneath the vehicle freely open and exposed, with a passage from receiver to platform, and a fan shaped deflector over said platform extending in the direction of movement of the vehicle for directing a current of air across the platform when the vehicle is in motion.

1,573,871. CONDENSER. HENRY F. SCHMIDT, Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 20, 1920. Serial No. 360,190. 2 Claims. (Cl. 257—43.)



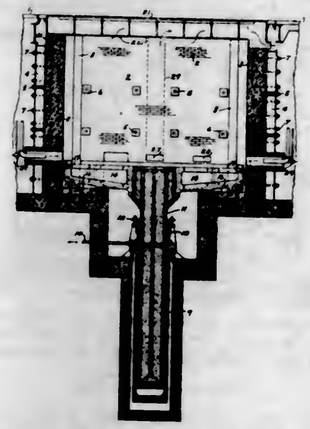
1. A condenser comprising a shell having upwardly converging side walls and provided with a fluid inlet adjacent the bottom thereof, a non-condensable-fluid offtake adjacent the point of convergence of the side walls, a nest of tubes disposed between the converging side walls and in the path of fluid flowing from the fluid inlet to the fluid offtake, baffles disposed adjacent the said offtake for directing the non-condensable fluids past the uppermost tubes of the said nest, and means for withdrawing condensate from the bottom of the shell.

1,573,872. PORTABLE HEATING DEVICE. ALFRED SCHWARTZ, Schlachtensee, near Berlin, Germany. Filed Jan. 22, 1925. Serial No. 4,036. 8 Claims. (Cl. 126—263.)



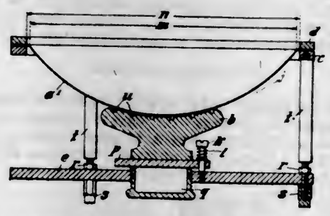
4. A pocket heating device comprising a barrel having a heat generating material associated therewith; means in said barrel for igniting the heat generating material, said means being adapted to be operated from the outside of said barrel in order to prevent the flames and gases from reaching the atmosphere; and means for absorbing the gases resulting from the reaction of the heat generating material.

1,573,873. PROCESS OF AND OVEN FOR HEAT TREATING OBJECTS. CHARLES EDW. SEARCH, Milwaukee, Wis. Filed Apr. 17, 1922. Serial No. 553,454. 22 Claims. (Cl. 25—143.)



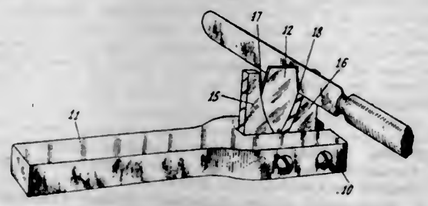
1. An oven comprising a platform vertically adjustable to different levels and having its upper limit of adjustment adjacent the floor level, and a stationary beam extending across said platform at the floor level.

1,573,874. APPARATUS FOR THE REPRODUCTION OF SOUNDS. GEORG SEIBT, Berlin-Schoneberg, Germany. Filed July 23, 1923. Serial No. 653,396. 5 Claims. (Cl. 181—31.)



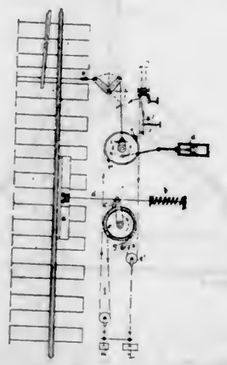
1. In a sound reproducer, a base plate, a diaphragm supporting ring, means for supporting said ring on said plate and for adjusting it parallel thereto, an extremely thin cup-like diaphragm having a marginal flange whose inner diameter is but slightly less than said ring, a clamping ring to hold said flange on the first ring and electrical vibrating means on said base plate.

1,573,875. KNIFE SHARPENER. JAMES E. SHAW, Germantown, Pa. Filed Aug. 21, 1924. Serial No. 733,356. 4 Claims. (Cl. 76—88.)



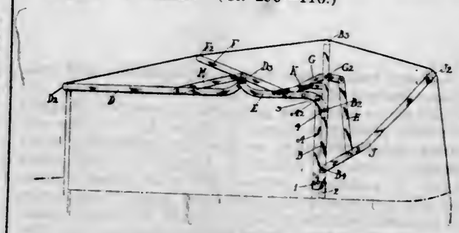
1. A sharpener comprising a guide member with inclined edged surface and a cutting plate provided with a concave surface extending downwardly from its upper extremity, said concave edge crossing the vertical or inclined surface of the guide member, so as to form a notch concaved on the cutting side and straight on the guide side.

1,573,876. MEANS FOR OPERATING AND CONTROLLING RAILWAY POINTS, SIGNALS, BARRIERS, AND THE LIKE. ALEKCEI EVGENEVITCH SHEREMETEFF, Osnabruck, Germany. Filed May 22, 1923. Serial No. 640,634. 5 Claims. (Cl. 246—264.)



1. In combination with a railtrack of a vehicle, a power accumulator consisting of a suspended weight, a power receiving member extending along a rail and arranged to be subjected to the direct impact-action of a wheel of a passing vehicle, a spring interposed between said power receiving member and said power accumulator for absorbing the impact-action of a wheel imparted upon said power receiving member and permitting the charging of said accumulator by the energy of the said spring only, and means for controlling from a distance the power stored in the accumulator.

1,573,877. COLLAPSIBLE TOP. ARTHUR VINCENT SMITH and FREDERICK GEORGE WILLIAM DUPREE, Coventry, England. Filed July 16, 1924. Serial No. 726,366. 7 Claims. (Cl. 296—116.)

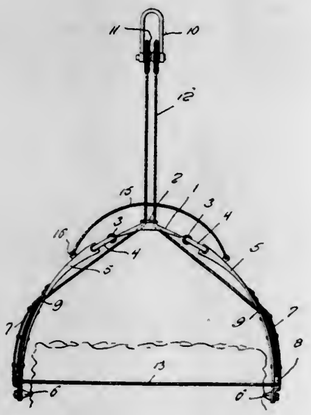


1. In a hood for a vehicle, the combination of a pillar pivoted at its lower end, linkwork forming the hood framework connected with said pillar, and a second pillar connected with the aforesaid framework adapted to have its edge lie flat against the edge of the first mentioned pillar when the hood is fully erected, thereby to form a stop, substantially as set forth.

1,573,878. HOISTING SLING. ELDEN L. SMITH, Marshfield, Oreg. Filed Apr. 25, 1925. Serial No. 25,845. 3 Claims. (Cl. 294—74.)

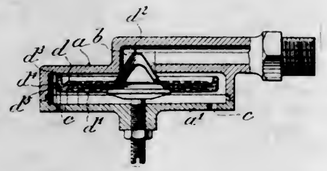
1. In a sling structure of the class described, a plate having an opening, a pair of jaws having openings piv-

otally mounted on the ends of the plate, sheaves journaled on the extremities of the jaws, a clevis, sheaves supported in the clevis, and an endless cable trained



over the sheaves in the clevis, through the openings in the jaws, and over the sheaves on the jaws for forming sling portions.

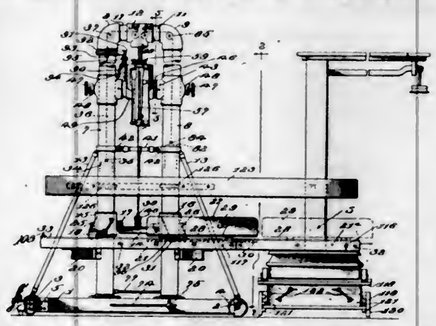
1,573,879. STEAM TRAP. ERNEST HENRY STILL and ANDREW GEORGE ADAMSON, London, England. Filed May 28, 1925. Serial No. 33,493. 1 Claim. (Cl. 297—9.)



A steam trap capsule containing expansible fluid comprising opposed circular corrugated metallic plates; one of said plates having its peripheral portion bent abruptly outwardly and then inwardly so as to form an outwardly extending hollow marginal rim terminating in an inwardly extending peripheral flange; the other plate having its peripheral portion bent in an opposite direction and terminating in a peripheral flange fitting within the inwardly extended peripheral flange of the first named plate, whereby the two plates are brought closely together to form a narrow liquid containing chamber; the flanges of the two plates being sealed together.

1,573,880. FILLED-BAG-CLOSING MACHINE. CHARLES S. THOMPSON, Park Ridge, and WILLIAM B. LONG, Chicago, Ill., assignors to Union Special Machine Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 28, 1922. Serial No. 597,615. 54 Claims. (Cl. 112—11.)

1. A filled bag closing machine including in combination, a supporting frame, a sewing head mounted thereon having means for feeding the mouth of a filled bag, a carrier, supporting means carried by said frame and on which said carrier is adapted to be moved, said carrier being adapted to be moved along said supporting means by the feed of the sewing machine operating upon the

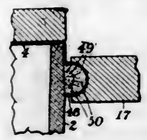


filled bag mounted on the carrier, and means for automatically returning the carrier to normal position for loading after the filled bag has been removed therefrom.

1,573,881. METHOD OF MAKING RESILIENT HEEL LIFTS. WILLIAM J. TOMPKINS, Mount Vernon, N. Y. Filed June 10, 1921, Serial No. 476,421. Renewed Aug. 1, 1924. 2 Claims. (Cl. 18—55.)

1. A method of manufacturing resilient heel lifts which consists in first flattening a concavo-convex resilient lift having concentric attaching and tread surfaces, then removing from the tread surface of the flattened lift all stock protruding beyond a horizontal plane coinciding with the perimeter of the tread surface, then detaching the lift and making mold dies in accordance with the curvatures of the concave and convex surfaces of the modified lift and then producing resilient lifts by means of the mold dies, having convex surfaces conforming to the corresponding surfaces of the modified lift.

1,573,882. METHOD AND APPARATUS FOR SEALING CONTAINERS. SIDNEY C. VESSY, Cleveland, Ohio, assignor to The Star Seal & Closure Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 28, 1918. Serial No. 259,975. 16 Claims. (Cl. 226—87.)

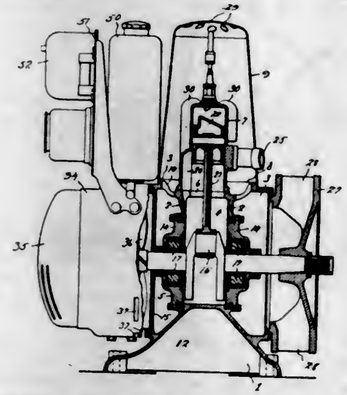


1. The method of forming hermetic seals on glass containers and the like, which method comprises providing a container having a peripheral wall adjacent the mouth thereof; providing a metal cap with an angular bead in the skirt thereof; providing a gasket within said bead, then placing said cap in position over the mouth of said container; and then changing the angular character of said bead into a substantially smooth curved form in cross-section by spinning inward the angularly disposed portions of said bead whereby the gasket is compressed between the skirt of the cap and the side wall of the container.

1,573,883. DYNAMO-ELECTRIC PLANT. MERRITT A. VINING, Elyria, Ohio. Filed June 2, 1921. Serial No. 474,339. 9 Claims. (Cl. 290—1.)

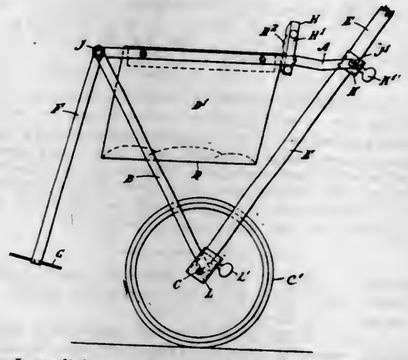
1. In a device of the character described, the combination with an engine having a crank case and base and including inner and outer walls arranged in spaced relationship, said inner and outer walls being provided

each with a pair of oppositely disposed openings therein, bearing caps closing each of the openings in said inner walls, means closing one of said openings in the outer walls, and a fly wheel rotatably mounted in the other of said openings.



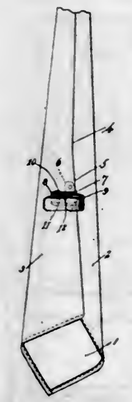
9. In a device of the character described, the combination with an engine having a crank case and base and including inner and outer walls arranged in spaced relationship, said outer walls being provided with a pair of oppositely disposed openings, a crank shaft extending through said openings, a combined fly wheel and fan mounted on one end of said crank shaft and rotatably mounted in one of said openings, said fan being adapted to create an air draft between said inner and outer walls, an electric machine comprising an armature and a field frame operatively connected to the opposite end of said crank shaft and normally closing the other of said crank case openings, and means for circulating an air draft through said electric machine independent of said engine draft.

1,573,884. LIGHT, PORTABLE, COLLAPSIBLE BABY CAR. REGINALD DIXON WEATHERELL, London, England. Filed Aug. 26, 1924. Serial No. 734,264. 4 Claims. (Cl. 280—36.)



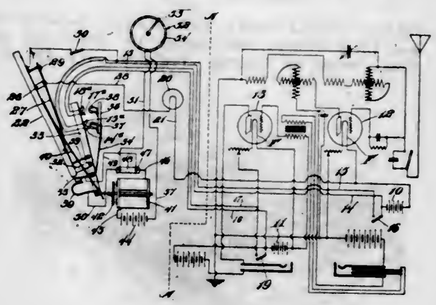
1. In a light portable collapsible baby car, the combination with two longitudinal seat carrying members, a transverse member connecting the forward ends of said longitudinal members, a wheel carrying axle, two supporting members pivotally and permanently connected to said transverse member and to said axle, and a supporting and propelling member detachably connected to the axle and to said seat carrying members for maintaining the seat carrying members and the supporting members in proper spaced relation.

1,573,885. NECKTIE. EDWARD J. WEISBAUM, Cincinnati, Ohio. Filed Oct. 24, 1923. Serial No. 670,569. 1 Claim. (Cl. 2—145.)



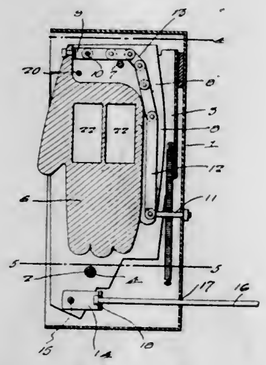
A necktie of the four-in-hand type having an outer end portion adapted when tied to lie over an inner end portion, aligning means secured to said outer end portion on the inner side thereof, said aligning means permanently secured to said outer end portion, and maintained in fixed position with relation thereto, and having spaced apart folds with the spaces between said folds open in opposite directions, the nearer of said folds adapted to retain an inner end portion of said tie, and the farther of said folds adapted to engage an outer pleat of a shirt front opening.

1,573,886. CHECK-OPERATED RADIO RECEIVING SET. ERNEST E. WESSON, Blair Station, Pa., assignor of one-sixth to Abraham H. Johnson, Blair Station, Pa., and one-sixth to Fleming H. Jackson and one-sixth to Roy L. Gissendanner, both of Clairton, Pa. Filed Apr. 23, 1925. Serial No. 25,285. 12 Claims. (Cl. 194—9.)



1. In combination with a radio receiving circuit including an audion bulb, an open filament-lighting circuit for the bulb and check controlled means for closing the filament circuit, including a check chute for the simultaneous reception of a plurality of checks, a signal element and means for rendering the signal element operative when the filament circuit of the audion is closed and but a single check remains in the check chute.

1,573,887. AUTOMOBILE SIGNAL. HENRY NEWTON WESSON, Attalla, Ala. Filed Jan. 17, 1925. Serial No. 3,146. 3 Claims. (Cl. 116—54.)

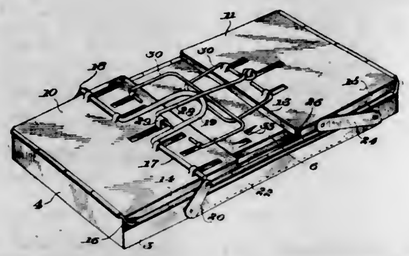


1. An automobile signal comprising a casing open at its side, a substantially U-shaped arm pivotally supported adjacent its outer lower end in said casing, a signaling hand pivotally supported at its inner end in the upper portion of said arm and normally disposed therein, a lever slidably supported in the closed side of the casing, the outer end thereof being secured to the lower outer end of the arm for swinging the same outwardly of the casing, means for moving said signaling hand outwardly to an operative position during the outward swinging movement of said arm, means for limiting the upward swinging movement of said hand with respect to said arm, and means for returning the arm and the signaling hand to their normally inoperative positions.

1,573,888. HIGH-TEMPERATURE CEMENT. PAUL G. WILLETTS, Berlin, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Nov. 13, 1925. Serial No. 68,917. 8 Claims. (Cl. 106—9.)

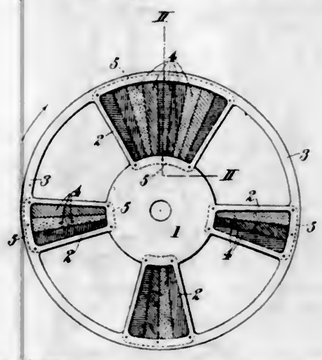
1. A cement containing barium sulphate, silica and silicate of soda.

1,573,889. COLLAPSIBLE EGG CRATE. ORION WISER and ARLIE KEMPER, Martinsville, Ill. Filed Aug. 25, 1924. Serial No. 734,024. 7 Claims. (Cl. 220—7.)



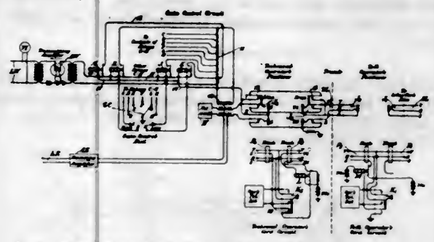
1. In a knockdown box having its ends hinged to the bottom, means for drawing the ends toward each other comprising a crank lever mounted on one end of the box and means connecting said crank lever with the other end of the box.

1,573,890. CINEMATOGRAPH PROJECTION APPARATUS. FREDERICK WILLIAM WOODWARD and ARTHUR ROBERTSON BUTTERY, Sheffield, England, assignors to Mabel Alice Buttery, Walkley, Sheffield, England. Filed Feb. 28, 1922. Serial No. 539,926. 7 Claims. (Cl. 88—19.3.)



1. In a shutter for motion picture projection apparatus, a plurality of spaced blades, each including transparent non-refracting colored sectors of substantially equal size-density, the colors of said sectors including the chief components of all the colors of the spectrum of the light with which the shutter is to be used.

1,573,891. GAIN-CONTROLLING CIRCUITS. SUMNER B. WRIGHT, East Orange, N. J., and JOHN T. SCHOTT, Brooklyn, N. Y., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed Apr. 30, 1925. Serial No. 27,001. 6 Claims. (Cl. 179—170.)

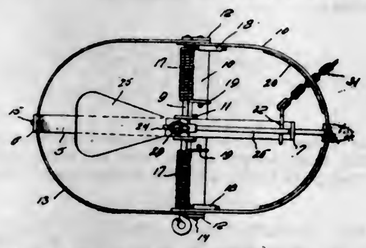


1. In a signaling system, an amplifier, means to control the gain of said amplifier, a cord circuit for establishing connections to said amplifier, an operator's telephone set associated with said cord circuit, and means whereby when said operator's telephone set is connected in circuit the existing gain adjustment of said amplifier will be disabled and the amplifier will be adjusted to the requirements of said operator's telephone set.

1,573,892. ANIMAL TRAP. PETER G. YELM, Genoa, Nebr. Filed Sept. 16, 1925. Serial No. 56,692. 3 Claims. (Cl. 43—82.)

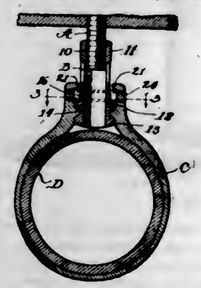
1. A trap of the class described including a longitudinally extending base bar having its ends terminating in upright ears, a transverse bar having its intermediate portion fixed to an intermediate portion of the base bar and its ends terminating in upright ears, a U-shaped member having its intermediate portion fixed to the intermediate portion of the base bar and its sides extending upwardly, a bolt extending through the sides of the member, and disposed in spaced parallelism to the transverse bar, a fixed U-shaped jaw having its extremities fixed to the upright ears of the transverse bar and its intermediate portion fixed to one upright

ear of the base bar, said bolts extending through the ends of said fixed jaw, a movable U-shaped jaw having its ends pivotally receiving the bolt, coil springs about the bolt, one extremity of each coil spring attached to the



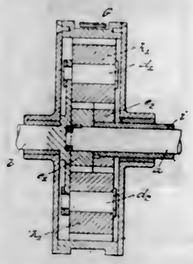
movable jaw and the other extremity to the transverse bar for normally holding the movable jaw closed in the fixed jaw, and trip means for holding the movable jaw in a set position.

1,573,893. ADJUSTABLE PIPE HANGER. LOTHAR R. ZIFFERER, Columbia, Pa. Filed June 9, 1924. Serial No. 718,680. 6 Claims. (Cl. 248—31.)



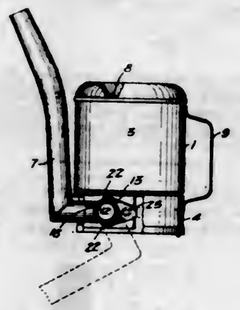
6. In a pipe hanger, the combination with a threaded sleeve having a swiveled connection with a carrier, of a pair of lugs upstanding from the carrier adjacent the sleeve, each lug having an inturned lip at its upper extremity, a yoked plate slidably arranged between the two lugs and confined thereby, and means on the plate and sleeve adapted to interlock when the plate is in one longitudinal position and to disengage when the plate is in another longitudinal position, the plate thereby serving at times to hold the sleeve against rotation relative to the carrier, substantially as described.

1,573,894. CHANGE-SPEED GEAR FOR MOTOR VEHICLES. VÁCLAV ZIMA, Horice, Czechoslovakia. Filed Apr. 1, 1924. Serial No. 703,405. 4 Claims. (Cl. 74—34.)



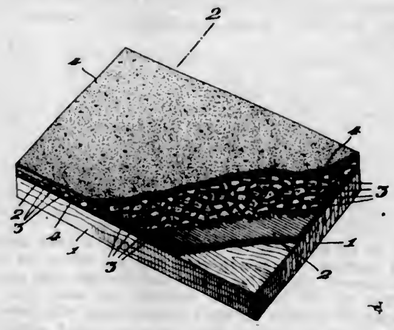
1. A change speed gear comprising two or more concentrically arranged planet wheels, spindles carried on the driven shaft and carrying said planet wheels, two concentric central wheels having equal diameters and arranged side by side and both simultaneously in mesh with the same planet wheels and one of said central wheels being secured to the driving shaft, a hollow shaft rotatable on the driven shaft and secured to the other central wheel, and means for turning the two central wheels to a greater or less extent relatively to each other according to the speed of rotation.

1,573,895. SPRING VALVE FOR SWINGSPOUT MEASURES. SCOTT E. ALLEN, Los Angeles, Calif., assignor to Swingspout Measure Co., a Corporation of California. Filed Aug. 13, 1923. Serial No. 657,027. 6 Claims. (Cl. 221—26.)



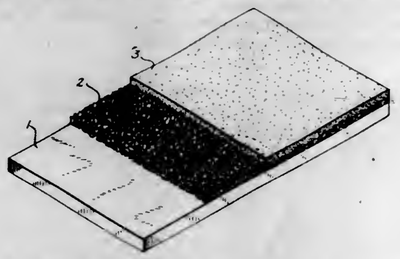
1. In a spring valve swingspout measure, a swingspout outlet valve comprising: an inner fixed member; an outer movable member disposed on said inner member, the ends of said inner member extending beyond the ends of said outer member; engagement means extending around said inner member and engaging an end of said outer member; and means for regulating the pressure of engagement of said engaging means with an end of said outer member.

1,573,896. METHOD OF APPLYING PLASTER AND STUCCO. WILLIAM H. ALTON, New York, N. Y., assignor to R. T. Vanderbilt Company, New York, N. Y., a Corporation of New York. Filed July 7, 1925. Serial No. 41,947. 7 Claims. (Cl. 72—123.)



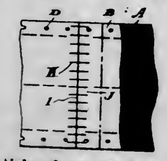
1. Method of plastering surfaces which comprises applying thereto a viscous coating consisting in a water emulsion of bituminous plastic, embedding therein granular material to provide a rough surface, permitting the coating to harden and applying plaster thereto.

1,573,897. METHOD OF APPLYING PLASTER OR STUCCO. WILLIAM H. ALTON, New York, N. Y., assignor to R. T. Vanderbilt Company, New York, N. Y., a Corporation of New York. Filed Aug. 13, 1925. Serial No. 49,941. 3 Claims. (Cl. 72—123.)



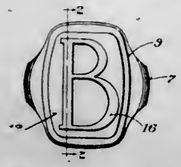
1. A method of plastering surfaces which comprises applying thereto a viscous coating containing a mixture of bituminous plastic and granular material to provide a rough surface and applying plaster thereto.

1,573,898. ADVERTISING MEDIUM. FRANCIS EDWIN ARMSTRONG, Toronto, Ontario, Canada. Filed Feb. 11, 1924. Serial No. 691,946. 2 Claims. (Cl. 40—125.)



1. As a new article of manufacture, a laminated advertising medium of flexible sheet formation comprising a weather and wind-proof light passing backing layer, a weather and windproof advertisement carrying layer coextensive with the backing layer and formed of light passing material, and means for connecting the layers along spaced lines which are distributed over the entire area of the medium whereby slight relative movement of the layers between said lines will be permitted when the medium is folded or rolled.

1,573,899. ARTICLE OF JEWELRY. GEORGE A. ARMSTRONG, Providence, R. I., assignor to William C. Greene Company, a Corporation of Rhode Island. Filed Apr. 29, 1925. Serial No. 26,633. 3 Claims. (Cl. 63—29.)



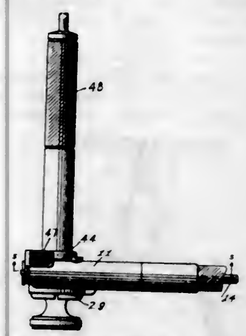
3. In an article of the type set forth, a head portion with opening, a stone in said opening having its rear face exposed, and having a hole therethrough with lateral cavities in its front face opening into said hole, an ornamental member having a tubular post with internal threads and an oblong plate forming radial elevations registering in correspondingly shaped cavities, an attaching screw engaging said threads the same serving to retain the ornamental member tightly against said stone and preventing accidental displacement and circular movement of the ornament upon the face of the stone.

1,573,900. LOCOMOTIVE FRAME. WILLIAM O. ASHE, St. Louis, Mo., assignor to Commonwealth Steel Company, St. Louis, Mo., a Corporation of New Jersey. Filed Jan. 20, 1925. Serial No. 3,585. 11 Claims. (Cl. 105—44.)



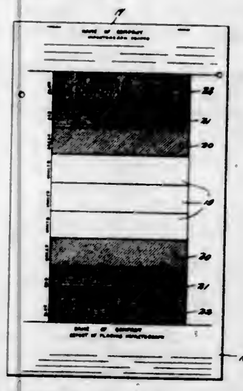
6. An integral locomotive frame including driving box pedestals, brake hanger lugs, a front end boiler support, and a foot plate having a double drawbar pocket therein.

1,573,901. UTILITY TOOL. FREDERICK J. BAHNI, Peoria, Ill. Filed Sept. 24, 1923. Serial No. 664,638. 2 Claims. (Cl. 77—15.)



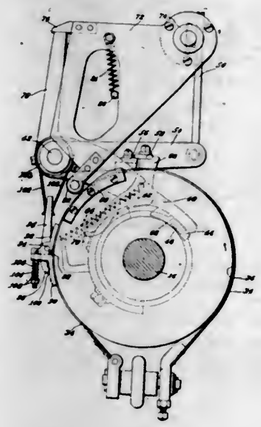
1. In a utility tool, comprising a driving member, a tool portion connected thereto, said connection including a worm on the cable member and a gear on the tool portion, said tool portion having its operating end located at a point substantially removed from the connecting means and mechanism permitting removability and engagement of plural tool members comprising a member passing through the gear member.

1,573,902. RECORD SHEET. JOHN B. BASKERVILLE, Roanoke, Va. Filed July 25, 1925. Serial No. 46,126. 2 Claims. (Cl. 283—1.)



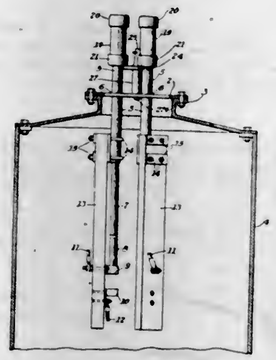
1. A record receiver for freight car impactographs including a sheet having indicia at the top and bottom and intermediate spaces captioned with the names of different colors.

1,573,903. PRESS. ARTHUR BATES and JOSEPH GOULDBOURN, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed May 19, 1920. Serial No. 382,550. 42 Claims. (Cl. 192—144.)



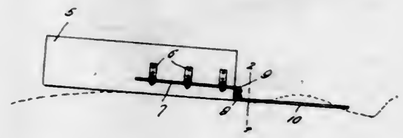
12. In a machine of the class described, a work supporting bed, a presser member, power means for moving the presser member toward and from the work supporting bed, manually operable means for controlling said power means and movable to initiate one or a plurality of pressure applying operations, and means under the control of the operator for determining the extent of movement of the manually operable means so that the number of pressure applying operations of the pressure member may be predetermined at the will of the operator.

1,573,904. SWITCH-ACTUATING MECHANISM. CHRISTIAN N. BERGMANN, Pittsburgh, Pa., assignor to The Packard Electric Company, Warren, Ohio. Filed Feb. 23, 1922. Serial No. 538,721. 11 Claims. (Cl. 200—50.)



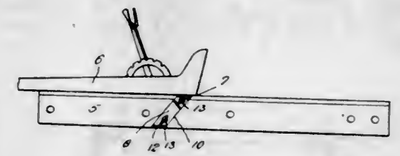
3. In combination, a supporting plate provided with rigidly connected tubular guides extending on opposite sides thereof, a plurality of reciprocable stems mounted in said guides and having laterally projecting handle portions, and a rotatable centrally arranged locking disk extending inwardly beyond said abutments and provided with a clearance recess for one of said handle members.

1,573,905. ROAD SHOULDER AND WEED ATTACHMENT FOR ROAD SCRAPING MACHINES. JOHN A. BLACK, Stephen, Minn. Filed Sept. 9, 1924. Serial No. 736,734. 3 Claims. (Cl. 37—143.)



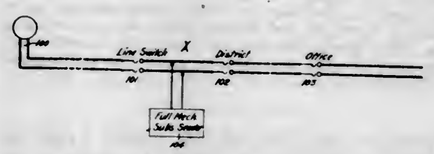
1. In an attachment for road scraping machine blade, a bar secured in horizontal position upon the blade adjacent the outer end thereof, and a cutter blade carried by the outer end of the bar in offset horizontal alignment therewith.

1,573,906. SAWMILL-HEAD-BLOCK CLEANER. CHARLES D. BLAKE, Glens Falls, N. Y. Filed Sept. 28, 1923. Serial No. 665,294. 2 Claims. (Cl. 143—124.)



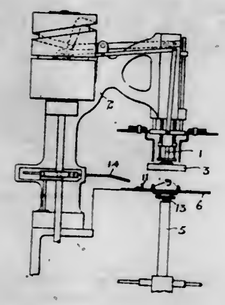
1. An improvement in saw mill head block cleaners comprising a conventional base plate, and a work feeding knee slidable along the upper face of the base plate; said improvement consisting of forming a transverse diagonal groove in the base plate, said groove extending entirely across the upper face of the base plate, a scraper plate lying in said groove and twisted laterally at its upper end to extend diagonally across and in contact with the adjacent face of said knee, and means adjustably and removably securing said plate in the groove.

1,573,907. TELEPHONE-EXCHANGE SYSTEM. WILLIAM G. BLAUVELT, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed May 20, 1925. Serial No. 31,659. 15 Claims. (Cl. 179—27.)



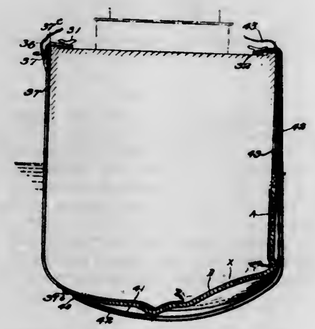
1. In a telephone exchange system, a register sender, a plurality of translators divided into groups in accordance with classification of service, and means for selectively associating said sender with an idle translator of a particular one of said groups.

1,573,908. EXTENSION-BOX-COVER MACHINE. HENRY BLUGERMAN, Toronto, Ontario, Canada. Filed Oct. 8, 1925. Serial No. 61,283. 6 Claims. (Cl. 93—55.)



1. In an extension box cover machine, the combination with the plunger bar and cover holding block thereon, of a plate arranged below said block and having means thereon for locating a sheet of paper board in relation to the block.

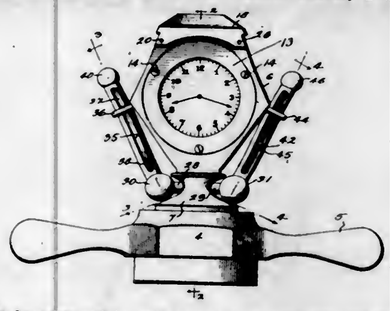
1,573,909. EMERGENCY APPARATUS FOR DAMAGED SHIPS. RALPH BLUMBERG, Baltimore, Md. Filed Mar. 10, 1921. Serial No. 451,178. 17 Claims. (Cl. 114—229.)



1. The combination with a ship, of a comparatively light cable normally passing around the same, heavier cables secured to the ends of said light cable and normally anchored to the ship, a pulley block adapted to be secured to one of said heavier cables, a mattress carrying cable passing through said pulley block, and means operating through said heavier cables for shifting said pulley block to a point below the water line.

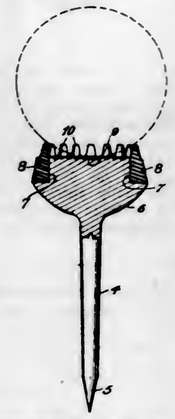
1,573,910. ATTACHMENT FOR MOTOR VEHICLES. OSCAR F. BRINKMAN, Lancaster, Pa., assignor of one-half to Morris Klivansky, Lancaster, Pa. Filed Dec. 11, 1924. Serial No. 755,348. 5 Claims. (Cl. 224—29.)

1. An attachment for motor vehicles comprising a member having a depending tubular extension adapted to be secured to the filling opening of a radiator, of a motor vehicle, said member being provided with a recess extending inwardly from one face, and being further provided with a passage extending from the top of said recess through the top of said member whereby a watch



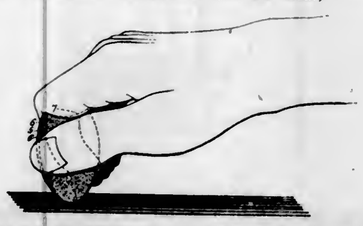
may be arranged in said recess with the stem projecting through said passage, and means for retaining the watch in said recess.

1,573,911. GOLF TEE. WILLIAM A. BUDROW, Pittsfield, Mass. Filed Dec. 28, 1925. Serial No. 77,907. 4 Claims. (Cl. 273—33.)



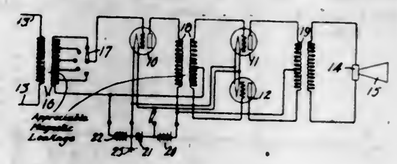
1. A golf tee comprising a pin having a head provided with a top surface on which the ball rests and a row of upstanding lugs surrounding the surface and spaced apart sufficiently to permit the ball to rest on said surface.

1,573,912. HAND PICK FOR STRING INSTRUMENTS. AARON BURDWISE, Baltimore, Md. Filed Aug. 14, 1925. Serial No. 50,291. 2 Claims. (Cl. 84—322.)



1. A pick or plectrum comprising a plate of relatively hard and stiff and springy material, and two plates of relatively soft and pliable material embracing the first said plate therebetween and secured thereto, all these plates terminating in the extremity of the picking point of the pick or plectrum, so these plates have their edges flush at the extremity of said picking point.

1,573,913. TRANSMISSION CIRCUITS. WILLIAM L. CASPER, Brooklyn, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 23, 1922. Serial No. 563,081. 8 Claims. (Cl. 178—44.)



1. In combination, a loud speaking receiver having a falling characteristic over a given range of speech frequencies, and a transformer in circuit therewith having a rising transmission characteristic over said range.

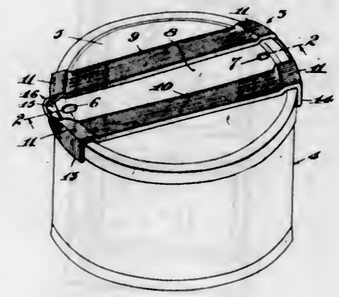
1,573,914. FUSE. ALBERTO CIMOROSI, Elkton, Md. Filed June 9, 1925. Serial No. 35,871. 4 Claims. (Cl. 102—24.)



1. A fuse including a tube; combustible material in the tube; a rigid stud connected to one end of the tube and having a passage leading outside the tube; a plunger guide detachably connected with the stud and providing a cavity adapted to receive an explosive cap; a plunger slidable in the guide and having a head adapted to engage the cap, and a fuse connected with the passage in the stud and with the combustible material at the flame end of the tube.

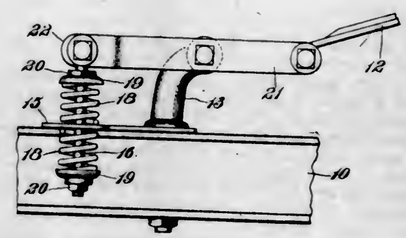
1,573,915. SPOUT AND SEAL FOR CONTAINERS. ROBERT M. CLAPP, Alhambra, Calif. Filed Apr. 28, 1924. Serial No. 709,432. 2 Claims. (Cl. 221—23.)

1. A device of the character described, comprising a strip adapted to seat on the end of a can, said strip being formed with curved down-turned end flanges adapted to conform to the margins of a can end, said strip being formed with an opening to expose holes



punched in the can top, and a spout formed integral with the strip in continuation with one of the flanges and along the margin of the opening in the strip.

1,573,916. SPRING MOUNTING FOR VEHICLES. THOMAS F. M. CRISP, North Uvalde, Tex., assignor of one-half to George W. Johnson, North Uvalde, Tex. Filed Mar. 24, 1925. Serial No. 18,011. 2 Claims. (Cl. 267—17.)

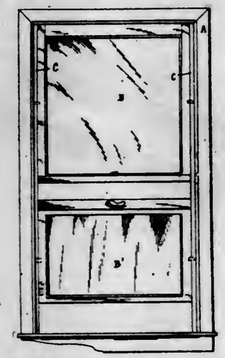


1. In a spring mounting for vehicles having an axle and a semi-elliptic spring overlying the axle, a plate carried by the axle, a perch extending upwardly from the axle adjacent the plate, a lever mounted intermediate its ends upon the perch and having means at one end for receiving an end of the vehicle spring and having at its opposite end a shaft directed through said plate, spring seats carried by the shaft in spaced relation to the plate and springs surrounding the shaft at opposite sides of said plate and between the plate and said spring seats, said perch securing said plate in position upon said axle.

1,573,917. SWINGING-WINDOW STRUCTURE. HARRY A. DE HAAS, Mount Lebanon Township, Allegheny County, Pa. Filed Apr. 23, 1925. Serial No. 25,254. 5 Claims. (Cl. 20—49.)

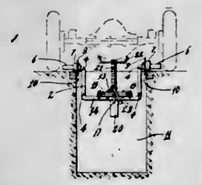
1. In a sliding and swinging window structure the combination with a window frame, of a pair of sash-bars mounted to slide vertically in said frame and a window sash interposed between said bars, of a horizontally disposed journal member sunk into each of said sash-bars, a horizontally disposed stud extending from each ver-

tical edge of said sash and journaled in the corresponding journal member, said studs having threaded bores, washers bearing against the ends of said journal mem-



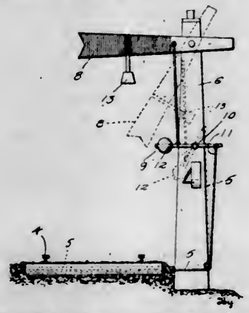
bers and studs, and screws extending through said washers and screwed into the threaded bores of said studs.

1,573,918. PIT TOOL. WALTER J. DEWHIRST, Los Angeles, Calif. Filed Nov. 9, 1925. Serial No. 67,836. 8 Claims. (Cl. 254—2.)



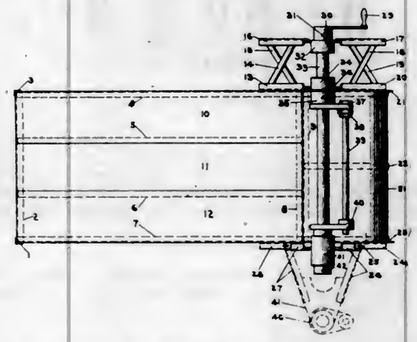
1. In a device of the class described, the combination of a U shaped frame, upper extensions on the said frame, wheels journaled on the said extensions, a carriage supported on the said frame on the lower extension thereof, a screw threaded through a gear supported by said carriage, a cradle supported by the screw, and means for rotating the gear to raise or lower said cradle on the screw.

1,573,919. RAILWAY-TRAIN-STOPPING DEVICE. SORABJI DHUNJIBHOY, Marha Tal, India. Filed Aug. 20, 1924. Serial No. 733,228. 1 Claim. (Cl. 246—203.)



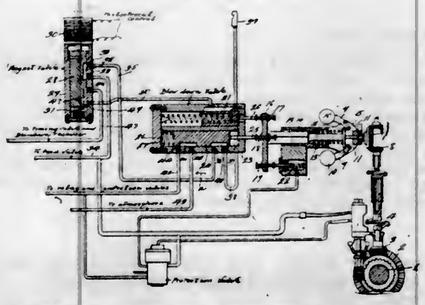
A train stopping device comprising in combination with a track and a post adjacent the track, a signal arm pivoted to the post and arranged to swing over the track, a trip member carried by said arm and located at a point between the pivot of the arm and that end edge thereof which may be disposed over the track, said trip member extending below the lower edge of the arm, a second arm pivoted to the post at a point below the first mentioned arm, a weight mounted upon one end portion of the second mentioned arm, a cable connected with the other end portion of the second mentioned arm and adapted to be extended along the track, and a rod connecting the weighted end portion of the second mentioned arm with the first mentioned arm at a point between the pivot of the first mentioned arm and the trip.

1,573,920. MACHINE FOR WRAPPING BED MATTRESSES. HENRY L. DISMER, Davenport, Iowa. Filed Mar. 16, 1925. Serial No. 16,077. 3 Claims. (Cl. 242—85.)



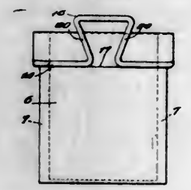
1. A machine for folding and wrapping mattresses comprising a bed, an extended fixed support secured to the bed, at one side thereof carrying a pair of widely spaced bearings secured thereto, and a relatively narrow hinged support secured to the opposite side thereof, the hinged portion of said suport carrying a suitable bearing, a head having an arm formed integral therewith revolvably mounted in the bearing of the hinged support, a main shaft having one end rotatably mounted in the bearings of the fixed support and its oposite end adapted to enter the head secured in the bearing of the hinged support when in vertical position, a fixed arm secured to the main shaft adjacent the fixed bearings thereof, an auxiliary shaft having one end secured in the fixed arm and its opposite end adapted to enter the arm of the head secured in the hinged bearings and means for rotating the main shaft secured near the fixed bearings thereof.

1,573,921. TRAIN-CONTROL SYSTEM. GEORGE W. DODGE, Knoxville, Tenn. Filed Apr. 8, 1925. Serial No. 21,600. 7 Claims. (Cl. 303—18.)



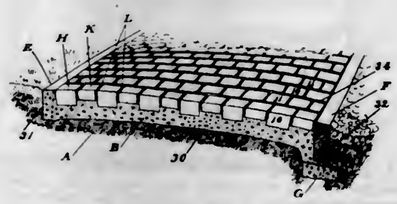
1. The combination with a train control system having a magnet valve and a speed governor, of valve means operated by said speed governor and cooperating with ports in communication with ports in the magnet valve and forming means whereby when a predetermined speed is substantially obtained a signal will be given and upon exceeding the predetermined speed brakes will be set.

1,573,922. BATTERY CELL AND HANDLE. WILLIAM H. DUGGAN, Chicago, Ill., assignor of one-half to Benjamin Clarke, Chicago, Ill. Filed Feb. 9, 1925. Serial No. 7,777. 10 Claims. (Cl. 16—114.)



1. In combination, a battery container having downwardly facing shoulder means thereon, said shoulder means being interrupted about the container, a band having handle means thereon and spreadable portions along said shoulder means adapted to be sprung over said shoulder means into position therebeneath and upwardly facing abutment means on the container along the interrupted part of said first shoulder means for limiting the movement of the band onto the container.

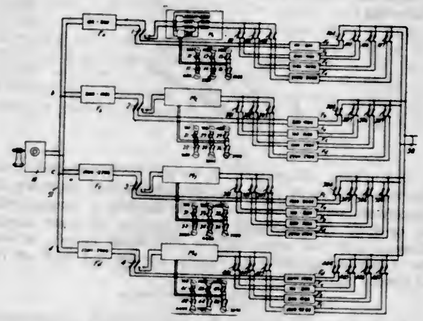
1,573,923. PAVEMENT AND PROCESS OF MAKING. HEARRAT E. FLETCHER, Westford, Mass. Filed Mar. 28, 1923. Serial No. 628,382. 8 Claims. (Cl. 94—6.)



4. The process of making monolithic pavements, which consists of depositing on a foundation of compact earth, a thoroughly mixed dry concrete composed of aggregate, sand and hydraulic cement, then imbedding therein paving blocks of various depths so that the dry concrete will fill the spaces beneath the shallow blocks between the deep blocks, then ramming or rolling the blocks to bring their top faces to an even surface, then sprinkling the mass with sufficient water to cause the initial set to the hydraulic cement, then while the mass is still wet, filling the spaces between the blocks with a grout composed of hydraulic cement, sand and water.

1,573,924. SECRET SIGNALING. HARVEY FLETCHER, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 31, 1923. Serial No. 654,803. 9 Claims. (Cl. 178—44.)

5. In a signaling system, a two-way transmission circuit, means to impress waves having a band of frequency components upon said circuit, means interposed in said circuit for sub-dividing the waves being transmitted in either direction over said circuit into a plurality of sub-bands of frequency components, means for



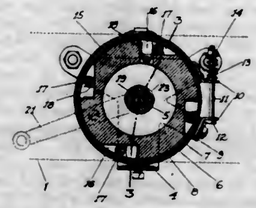
interchanging the positions of the sub-bands in respect to the frequency ranges which they occupy, and means to impress the shifted sub-bands on said circuit.

1,573,925. SOLDERING IRON. DAVID H. FRANKE and NICKOLAS G. DE VRIES, Brooklyn, N. Y. Filed July 11, 1924. Serial No. 725,517. 1 Claim. (Cl. 219—26.)



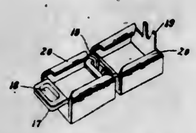
An electrically heated soldering iron comprising a handle of insulating material, a copper sleeve let in the handle and projecting therefrom, said sleeve having its bore flared inwardly at the outer portion thereof, a carbon soldering point having an enlarged body which is flared to be received in and frictionally engage with the flared wall of the copper sleeve, and an insulated conductor passing through the rear end of the handle and removably secured tn the sleeve.

1,573,926. SHOCK ABSORBER. WILLIAM H. FRAZINE, Modesto, Calif. Filed Oct. 15, 1924. Serial No. 743,689. 4 Claims. (Cl. 267—10.)



1. A shock absorber for motor cars comprising a bracket adapted to be fixed on the frame of a car and having a central hub, a drum turnable on the hub, a rotatable element turnable on the hub independent of the drum and fitting into the latter, means enabling said element to be connected to an axle of the car whereby with the reciprocation of the axle relative to the frame said element will be rotated, one way clutch means between said element and the drum, friction means applied to the drum to resist rotation thereof, and a common means applied to the bracket for removably holding the drum and rotatable element from longitudinal movement on the bracket hub.

1,573,927. CHAIN CONSTRUCTION. LESTER EARL FULFORD, Edgewood, R. I., assignor to Fulford Mfg. Co., Providence, R. I., a Corporation of Rhode Island. Filed Feb. 12, 1924. Serial No. 692,288. 4 Claims. (Cl. 59—80.)

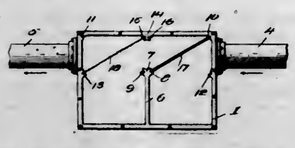


1. A chain comprising a series of box-shaped links having a top wall, side and end walls bent downwardly therefrom, one of the end walls having a tongue with an opening therethrough and extending at right angles thereto and the other of the end walls having a stud for interlocking with the tongue of the end wall of the adjacent link.

1,573,928. AGE-RESISTING RUBBER COMPOUND AND METHOD OF MAKING THE SAME. EVERETT W. FULLER, Springfield, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Apr. 27, 1925. Serial No. 26,300. 7 Claims. (Cl. 18—53.)

1. A method of making rubber products having improved ageing qualities which comprises adding an alkali or alkaline earth salt of alpha-nitroso-beta-naphthol to a vulcanizable rubber compound and vulcanizing the mixture.

1,573,929. STRAINER. WILLIAM F. GALL, Russellton, Pa. Filed Apr. 17, 1925. Serial No. 23,924. 1 Claim. (Cl. 210—165.)



A device of the class described comprising a substantially rectangular shaped casing open at its front side, a cover plate therefor, said casing being provided with an inlet in the upper portion of one end thereof, and an outlet in the upper portion of the opposite end, a transversely extending vertical partition arranged in the intermediate portion of the casing, the upper edge of said partition being spaced from the top of the casing, an enlargement formed on the upper edge of the partition, and provided with obliquely disposed guide grooves, a transversely extending rib formed on the bottom face of the top of the casing in vertical alignment with said partition, said rib being also provided with obliquely disposed guide grooves, said casing being provided with guide grooves in the upper corners thereof and additional guide grooves at points below the inlet and outlet respectively, said guide grooves being adapted to be disposed in pairs, and strainer elements removably suported in certain pairs of said guide grooves, the lower edge of one of the strainer elements being adapted to be supported in one of the obliquely disposed guide grooves formed in the enlargement on the upper edge of the partition.

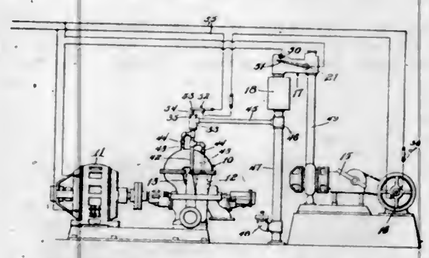
1,573,930. LOUVER. MILLARD GILMORE, Oak Park, Ill. Filed July 13, 1922. Serial No. 574,776. 3 Claims. (Cl. 189—60.)

1. In combination, a wall having an opening, a plurality of shutters extending across and adapted for closing said opening, the upper and lower ends of said shutters being turned in opposite directions and the upper ends of each adapted for overlapping the lower ends of adjacent shutters, a pivot for each shutter disposed above the center of the vertical dimensions thereof and adjacent the bases of the upper turned out ends on



the side of the shutter opposite that toward which the adjacent end of the shutter is turned, and means attached to the upper ends of the shutter adjacent said pivots for swinging the shutters open.

1,573,931. PRIMING SYSTEM FOR CENTRIFUGAL PUMPS. CHARLES H. GOYNE, Ashland, Pa., assignor to Goyne Steam Pump Co., Ashland, Pa., a Corporation of Pennsylvania. Filed Aug. 20, 1925. Serial No. 51,449. 7 Claims. (Cl. 103—113.)

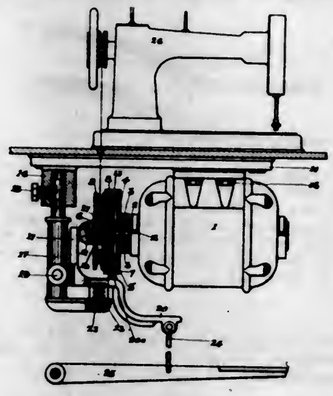


3. In a priming system for centrifugals and in combination with a centrifugal, a priming pump therefor, a connection between a high point of the centrifugal and the priming pump including a valve automatically segregating the centrifugal and priming pump when the centrifugal is primed and before it is started, means in said connection between the centrifugal and valve automatically segregating the centrifugal and valve when the centrifugal is started and placing that portion of the connection between said means and valve in communication with the atmosphere and means operative to drain said portion of the connection when placed in communication with the atmosphere, the first named valve operating as an unloader valve for the priming pump when said portion of the connection is drained.

1,573,932. MOTOR ATTACHMENT FOR SEWING MACHINES. BARNET GROSSBARD, San Francisco, Calif. Filed Apr. 13, 1925. Serial No. 22,757. 5 Claims. (Cl. 192—17.)

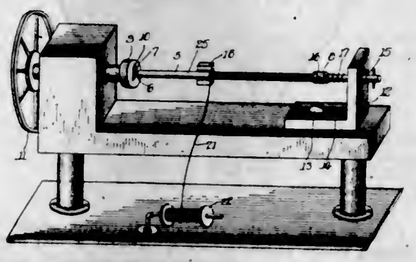
1. A motor attachment for sewing machines comprising, in combination with a motor, a wheel secured to the shaft of a motor, having a gripping pad attached thereto, a fly wheel revolvably attached to the first mentioned wheel, a gripping pad secured to the inside surface of the fly wheel, a disc revolvably attached to the

fly wheel and located between said pads, a knob secured to the fly wheel, a lever pivoted on a bar secured to a supporting base and engageable with the knob, means



located on the lever for stopping the fly wheel from revolving, and means for moving the lever upward or downward whereby the device may be thrown into or out of operation.

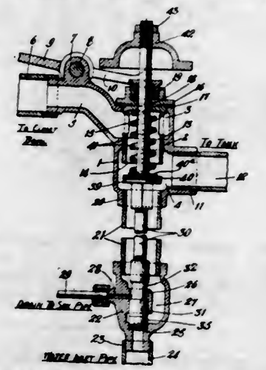
1,573,933. METHOD AND MEANS FOR WINDING. WARD R. GUEST, Chicago, Ill., assignor to Ward Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 9, 1924. Serial No. 691,581. 19 Claims. (Cl. 242—7.)



1. A method of winding fine wire on small elements having a relatively soft surface, comprising, rotating the element, manually placing a half-nut against said element in such a manner that the threads thereof are engaged by the soft surface to feed the half-nut along the rotating element, and carrying by the half-nut a wire which is secured to the rotating element.

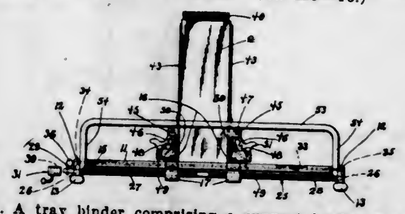
1,573,934. FROSTPROOF CLOSET VALVE. PHILIP HAAS, Dayton, Ohio. Filed May 22, 1924. Serial No. 715,010. 8 Claims. (Cl. 277—13.)

3. In a frost proof flushing valve mechanism, the combination with a valve casing, comprising an upper casing provided with a partition having a threaded aperture therein, a tank connection below said partition and a flushing passage above said partition, a removable sleeve threaded into said partition and provided with portions for closing the upper end of the casing, the lower end of said sleeve being provided with apertures above the partition communicating with the flushing passage and having a valve seat at its lower end below said partition, the lower portion of the valve casing being provided with a water inlet having a horizontal valve seat surrounding the same, a main passage in axial alignment with said seat, a by-pass extending around said main passage, and a drain passage connected with the main passage, of a valve stem extending vertically through said casing and sleeve, and provided with a normally open valve below the valve seat thereof, said valve stem being provided with a plunger engaging the main passage adjacent to said drain passage, and provided below the same with a normally closed combined inlet and check valve engaging the valve seat of the water inlet and connected to the valve stem by means permitting said stem to move upwardly,



independently thereof, the parts being so constructed that the normal movement of the valve stem to close said first mentioned normally open valve upon the seat at the lower end of the sleeve, will not lift the inlet valve from its seat, and a spring engaging said valve stem and pressing it normally downwardly into contact with the combined inlet and check valve to hold the latter normally upon its seat, whereby said sleeve may be removed and the valve stem may be bodily withdrawn from the valve casing, together with the valves connected therewith, including the combined inlet and check valve.

1,573,935. TRAY BINDER. CHARLES R. HADLEY, deceased, late of Los Angeles, Calif., by Frank D. Barnhill and Pacific Southwest Trust & Savings Bank, executors, Los Angeles, Calif., assignors to Charles R. Hadley Company, a Corporation. Filed Aug. 25, 1924. Serial No. 734,129. 5 Claims. (Cl. 129—16.)

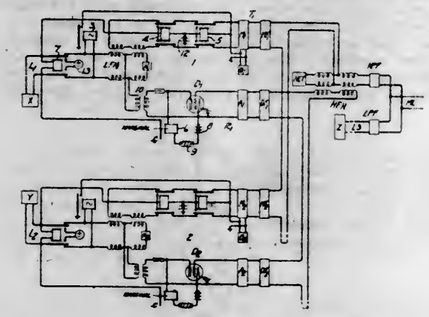


1. A tray binder comprising a support having a slot, clamping means on the support, rods connected with the support and positioned beneath the slot, a block slidably mounted on the rods and connected with one of the clamping members, and means loosely connected with the block to move it into different positions along the rods.

1,573,936. SYSTEM OF CARRIER-WAVE SIGNALING. RALPH V. L. HARTLEY, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 11, 1920. Serial No. 416,058. 9 Claims. (Cl. 178—44.)

1. A carrier transmission line, an oscillator for normally supplying unmodulated oscillations thereto, a modulator between said oscillator and said line, means

for impressing speech currents upon said modulator to modulate said oscillations, a low frequency terminal circuit, means responsive to such modulated oscillations

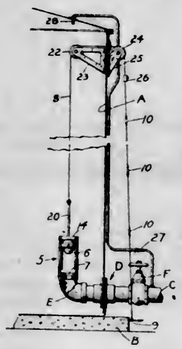


to transmit speech currents over said low frequency circuit, and means responsive to the withdrawal of the unmodulated oscillations from said transmission line to transmit a call signal over said low frequency circuit.

1,573,937. METHOD OF PRODUCING CAST IRON. JOHN CLIFTON HENDERSON, New York, N. Y., assignor to Driver-Harris Company, Harrison, N. J., a Corporation of New Jersey. Filed Apr. 22, 1925. Serial No. 25,119. 4 Claims. (Cl. 75—45.)

1. The method of producing cast iron containing definite quantities of nickel and chromium which consists in forming an alloy of nickel, chromium and iron, high in carbon so as to have a relatively low melting point, the nickel being in excess of the chromium and iron taken together, introducing said alloy, in solid form, and molten iron into a ladle, and producing thereby a molten alloyed mass having the desired pouring temperature.

1,573,938. STORAGE-TANK EMERGENCY VALVE. VINCENT M. HENRIETTA and BRONSON B. TELLEY, San Francisco, Calif. Filed Feb. 24, 1925. Serial No. 11,164. 5 Claims. (Cl. 220—89.)



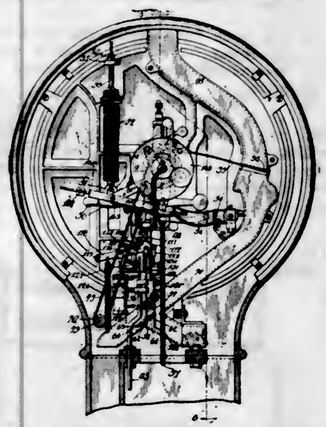
1. In combination, a storage tank, a pipe beginning interiorly and terminating exteriorly of the same, a valve on the pipe within the tank, a thermo-control exteriorly of the tank for closing the said valve, said pipe also having a manually operable valve exteriorly of the tank, and a relief tube connecting with the pipe in advance of the manually operable valve and the top of the tank.

1,573,939. SHOE SHANK. WILLIAM A. HERMANN, Auburn, Me., assignor to MacLaughlin-Sweet, Inc., Auburn, Me., a Corporation of Maine. Filed Feb. 9, 1923. Serial No. 617,932. 2 Claims. (Cl. 36—76.)



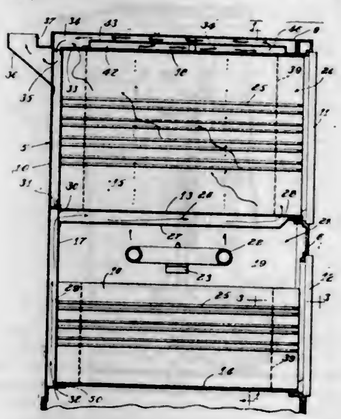
2. In a shoe structure, an outer sole having a longitudinally split heel and shank, a stiffener comprising a flattened heel and shank piece disposed thereon and a second shank piece disposed in said split, said shank pieces being each fastened to said interposed sole and covered by the flap of the split sole molded thereto and secured in place over it.

1,573,940. COIN-RETURN WEIGHING SCALE. GUSTAV F. HOCHRIEM, Chicago, Ill. Filed May 17, 1922. Serial No. 561,631. 12 Claims. (Cl. 194—1.)



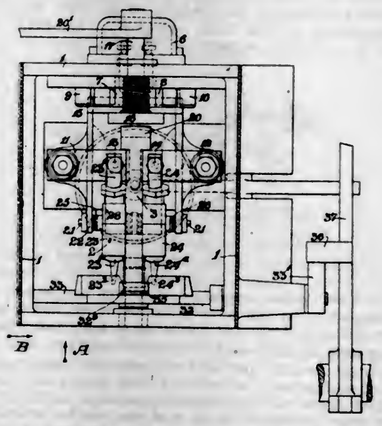
1. In a scale of the character described, comprising weighing means which include a platform, a dial having weight-indicating graduations, two pointers independently movable relative to said graduations, one pointer being a weighing pointer and movable by the weighing means and the other being a guessing pointer and movable by hand, and means including coin-actuated mechanism for causing the weighing pointer to indicate weight on said graduations when a weight is on said platform and a coin is deposited in the device, the combination therewith of means for returning the coin to the operator when the weighing pointer indicates substantially the same weight as does the guessing pointer on said graduations, said last-mentioned means including a device operable by the weighing mechanism to assume a relative position according to the weight upon said platform, a device mounted to assume a relative position according to the position of the guessing pointer when said guessing pointer is moved by hand, said two devices having means respectively adapted to coact with each other to provide a path of movement for a part carried by one of said devices and mounted to move in such path when said pointers indicate the same weight and to provide an obstruction to the movement of said part when said pointers indicate substantially different weights, a part carried by one of said devices and mounted to move in such path when said pointers indicate the same weight, and coin-deflecting means operable through the movement of said last-mentioned part.

1,573,941. OVEN CONSTRUCTION. PETER I. HOLLMAN, Rockford, Ill., assignor to Geo. D. Roper Corporation, Rockford, Ill., a Corporation of Illinois. Filed Sept. 28, 1925. Serial No. 59,035. 12 Claims. (Cl. 126—39.)



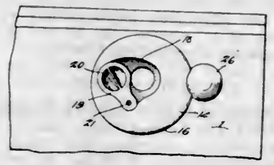
1. In an oven construction, the combination of a closed oven space, burners therebeneath, flue ducts for conducting the products of combustion around the sides of the oven space out of communication with said space, top flue ducts for receiving said combustion products for passage back and forth for indirect discharge thereof, a stack vent for the ultimate discharge of said combustion products, a fresh air flue duct for said oven, inlets for the fresh air at the bottom of the oven at one side thereof, and outlets for the air at the top of the oven at the opposite side thereof from the inlets, said outlets leading in common with the top flue ducts for waste combustion products to said stack vent.

1,573,942. AUTOMATIC WEFT-REPLENISHING LOOM. DENIS MACHELL HOLLINS, Blackburn, England, assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Oct. 30, 1924. Serial No. 746,725. 10 Claims. (Cl. 139—232.)



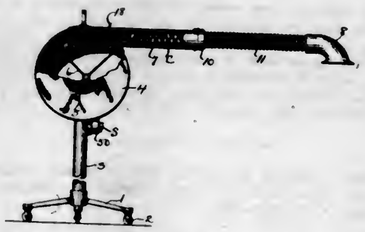
1. Automatic weft replenishing mechanism for shifting shuttle-box looms comprising an electric circuit having a feeler branch with a feeler therein and transfer branches corresponding to the magazines containing weft carriers to be delivered to the respective shuttles, a selector switch operable by the box-shifting mechanism to select the transfer branch corresponding to the active shuttle, a single solenoid common to all of said branches operable, when momentarily energized by detection of exhaustion of filling upon the weft carrier of the active shuttle, to condition the selected transfer branch and means operable upon completion of the circuit through said transfer branch to initiate the action of the transferring mechanism.

1,573,943. LOCK FOR INKWELLS. GEORGE FRANKS IVEY, Hickory, N. C. Filed June 20, 1924. Serial No. 721,335. 1 Claim. (Cl. 120—58.)



A device of the class described comprising in combination, a support having a well opening and having an opening adjacent thereto, a well positioned within the opening, a cover having a flange connected with the well, a locking bolt positioned in the second mentioned opening and having a head formed with an overhanging lip adapted to engage the flange of the cover, said bolt having a notch formed in the side thereof, and a lock controlled bar adapted to move into the notch to lock the bolt against movement.

1,573,944. SWITCH CONTROL FOR ELECTRIC HAIR DRIERS. BENNO F. JANCKE, New York, N. Y., assignor to Hallwell Electric Co., Inc., New York, N. Y., a Corporation of New York. Filed May 18, 1925. Serial No. 30,931. 3 Claims. (Cl. 219—42.)

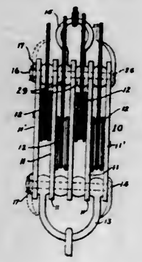


1. In an electric hair drier the combination of a motor adapted to drive a fan for producing an air current, electric heating means adapted to heat the said air current, one terminal of said motor and one end of said electric heating means being adapted to be directly connected to one lead of an electric power line, and a switch embodying five switch terminals, said terminals including a first switch terminal which is adapted to be connected to the other electric power line lead, and a second switch terminal which is adapted to be connected to the other end of said electric heating means, additional switch means adapted to make and break the connection between the last mentioned switch terminal and the said electric heating means, each of the remaining three switch terminals being connected to the other motor terminal by resistance coils having different resistances, the said switch embodying a revoluble member having a plurality of blades and adapted to be moved into four different positions, the said blades being adapted in each of said four positions to always connect the said first switch terminal to the said second switch terminal and to also

connect one of the remaining three switch terminals to the said first switch terminal and the said second switch terminal.

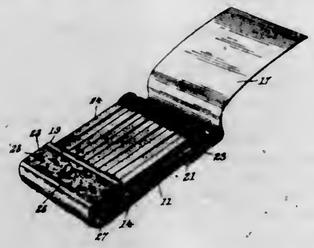
3. An electric hair drier according to claim 1 in which the first switch terminal is nearer the base of said switch than the other terminals, and the second switch terminal is further from the base than the other terminals, the remaining three switch terminals being all of the same distance from the base and being located in a plane between the first switch terminal and the second switch terminal, the blades of the said revoluble member comprising a first set of three blades adapted to make contact only with the second switch terminal, and a second set of four blades, three of which are adapted to contact only with the first switch terminal, the fourth blade of the second set being further away from the base of the switch than the other three blades of the second set, and being adapted to contact with all the said switch terminals except the first and the second.

1,573,945. DEFLECTOR FOR SHEAVE BLOCKS. BURT STANLEY MINOR, Los Angeles, Calif., assignor to Regan Forge & Engineering Company, San Pedro, Calif., a Corporation of California. Filed Apr. 14, 1924. Serial No. 706,323. 2 Claims. (Cl. 254—192.)



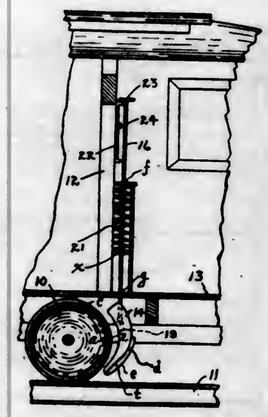
1. A deflector for sheave blocks, comprising a flat metallic member adapted to be secured to the outer surface of one of the side frame portions of a sheave block, the upper end of said member being bent transversely, and means formed on said member and engaging the sheave frame to prevent a shifting movement after the same has been secured to said block.

1,573,946. MATCH HOLDER. JULIUS STERN, Brooklyn, N. Y. Filed Apr. 15, 1924. Serial No. 706,643. 8 Claims. (Cl. 206—29.)



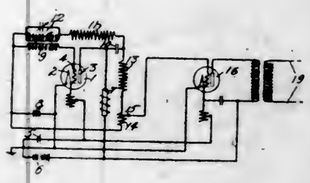
1. An article of the character described comprising a base formed from a strip of material, matches disposed at opposite sides of said base, means for retaining said matches in position on said base, and covering means formed from said strip of material and serving to enclose said base and the matches thereon, substantially as specified.

1,573,947. EMERGENCY BRAKE. WILLIAM LOUIS SUCHA, Omaha, Nebr. Filed Jan. 19, 1925. Serial No. 3,326. 1 Claim. (Cl. 188—36.)



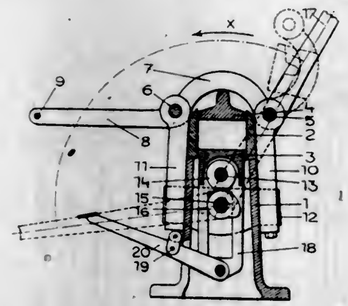
In an emergency brake for a carrier including a support and having wheels for engaging track rails, a pair of shoes each being provided with a convexed wall having a rectilinear part and a concaved wall non-concentric with said convexed wall, a horizontal link rigidly connected with said shoes, an upright control bar traversing said support and pivotally connected with said link and being movable to permit the rectilinear parts of the shoes to engage the track rails, a latch normally engaging the control bar for maintaining the shoes in disengaged relation with the wheels and track rails, and resilient means on the control bar tending to move said bar and link for moving the shoes into engagement with the track rails, said control-bar having a projection for engaging said support when the bar is disengaged from the latch and while the rectilinear parts of the shoes engage the track rails.

1,573,948. MEANS FOR PRODUCING OSCILLATIONS. DONALD M. TERRY, Brooklyn, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 21, 1923. Serial No. 676,037. 8 Claims. (Cl. 250—36.)



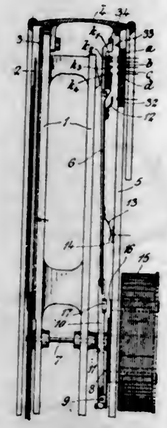
1. An oscillation generator comprising an electric discharge device having a cathode, an anode and a grid, input and output circuits connected in feed back relation to generate oscillations of constant frequency, said output circuit having a plurality of oscillating current paths, one of said paths constituting a feed back path coupled to said input circuit, means included in each of the oscillating current paths of said circuits for stabilizing the operation of the oscillator, and adjustable coupling means for varying the value of the constant frequency oscillating energy available at the output terminals of the oscillator for transmission to a load circuit.

1,573,949. HAND PRESS. ARMIN TETTELBNI, Budapest, Hungary. Filed Mar. 13, 1925. Serial No. 15,300. 6 Claims. (Cl. 25—85.)



1. A hand press for the manufacture of rectangular bodies particularly building elements, comprising a cover plate pivotally mounted with respect to the press plunger and producing a preliminary compression of the material to be pressed, and a locking device comprising a yoke on said plate adapted to be engaged over a lower transverse support of the press.

1,573,950. AUTOMATIC SCALE. CARL TORGERSEN, Stabaek, near Christiania, Norway. Filed Sept. 6, 1924. Serial No. 736,330. 3 Claims. (Cl. 235—92.)



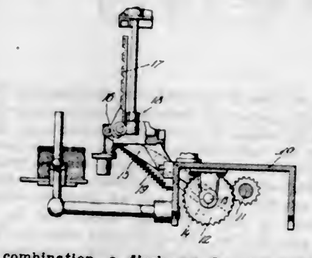
1. A device for adapting an automatic scale for recording the amount indicated by the pointer comprising an indicating pointer in combination with a contact arm that is adapted to oscillate synchronously with said pointer, electrical contacts corresponding with the graduations on the scale, over which the contact arm moves, means for swinging the contact arm in a plane perpendicular to the oscillating plane so that it is brought into contact with one or more of the said electrical contacts, locking electro-magnets, numeral discs, adjusting means therefor and electric means whereby the swinging of the contact arm closes electric circuits that energise the electro-magnets for adjusting the numeral discs to the same numerals as those indicated by the pointer on the scale.

1,573,951. SMOKE TRAP. EDWARD P. TREBE, Bay City, Mich. Filed Mar. 15, 1924. Serial No. 699,427. 3 Claims. (Cl. 126—190.)



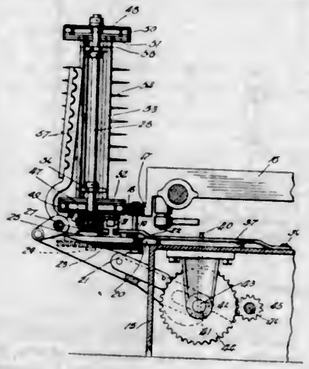
1. The combination with a furnace having an elongated fuel entrance passage leading thereto a flat door mounted within said passage to swing entirely therein, and forming a closure for said passage.

1,573,952. SLICING MACHINE. CORNELIS FRANCISCUS MARIA VAN BERKEL, Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind., a Corporation of Indiana. Filed May 15, 1924. Serial No. 713,394. 13 Claims. (Cl. 146—94.)



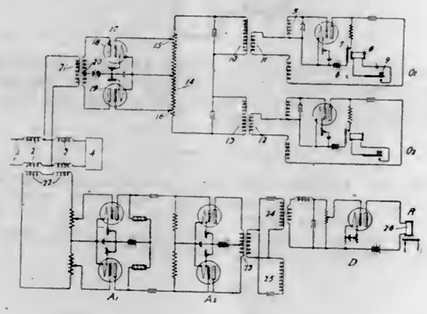
1. In combination, a discharge fly of a slice stacking machine, and a cushioning device for controlling the movement of said fly, said cushioning device being arranged to exert retarding force on said fly prior to the time in its discharge movement when it reaches discharge position.

1,573,953. STACKER FOR SLICING MACHINES. CORNELIS FRANCISCUS MARIA VAN BERKEL, Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind., a Corporation of Indiana. Filed May 15, 1924. Serial No. 713,396. 18 Claims. (Cl. 146—94.)



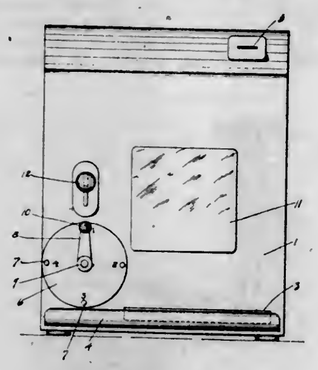
1. In a slicing machine, the combination with a slicing knife, of a slice conveyer for receiving slices formed by said knife, and means for imparting successive intermittent movements to said slice conveyer in the same direction, each movement beginning where the previous one was discontinued.

1,573,954. CURRENT-WAVE TRANSMISSION. HAROLD J. VENNES, Montreal, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 26, 1919, Serial No. 299,749. Renewed Apr. 15, 1925. 15 Claims. (Cl. 178—51.)



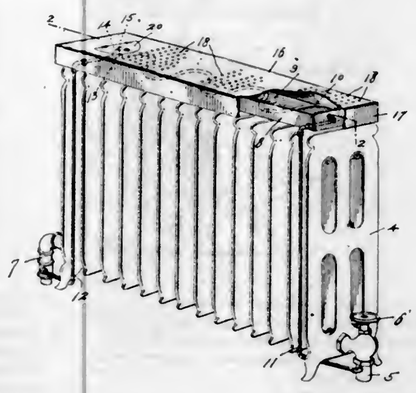
1. In a system of current transmission, a line for simultaneously conveying currents of different frequencies, a plurality of means for producing currents of different frequencies for said line, a selective circuit associated with each of said means, a collecting circuit common to said plurality of means for receiving currents from the individual selective circuits, and an amplifier having its input coupled to said collecting circuit and its output coupled to said line for amplifying said currents of different frequencies and for impressing them upon said line.

1,573,955. PENCIL-VENDING MACHINE. WILLARD WALDRON, Bay City, Mich. Filed Jan. 2, 1923. Serial No. 610,194. 4 Claims. (Cl. 211—8.)



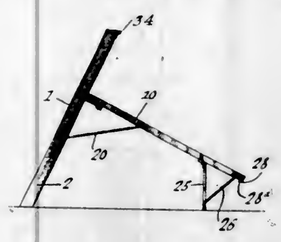
1. In a pencil vending machine comprising a case, having a plurality of spring tensioned shafts journaled therein and formed to nest or cradle a single pencil, cranks on the ends of the shafts, a transversally disposed shaft adjacent the said cranks, and a spider slidably mounted thereon, means for rotating the spider to selectively engage one of the said cranks, and means for sliding the spider on the shaft to engage a crank and rock the shaft to discharge or eject a pencil therefrom.

1,573,956. AIR-MOISTENING DEVICE. MICHAEL F. WEIDENBACH, Minneapolis, Minn., assignor to National Air Moistener Company, a Corporation of Minnesota. Filed Jan. 6, 1923. Serial No. 611,030. 2 Claims. (Cl. 237—78.)



1. An air moistening device comprising an evaporating pan having a transversely corrugated bottom and a removable perforated cover, and a water-heating pipe extended longitudinally within said pan, bent zigzag in a horizontal plane and resting on the crowns of the corrugations of said pan bottom.

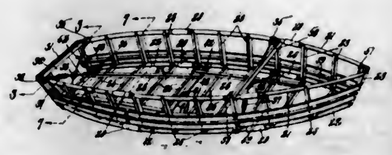
1,573,957. LADDER KIDDIE SLIDE. FRANKLIN G. WEST, Deerfield, Kans. Filed Sept. 27, 1924. Serial No. 740,301. 1 Claim. (Cl. 228—2.)



In a device of the character described, a step section, a connecting board, said step section and connecting board having bearing members, a slide section, strap irons carried by the slide section, said strap irons adapted to be positioned adjacent to the bearing members, pintles adapted to extend through the bearing members and strap irons to pivotally connect the step section and slide section, and connecting board, said pintles adapted to be moved towards each other to disconnect the step section and slide section, and means for restricting inward movement thereof.

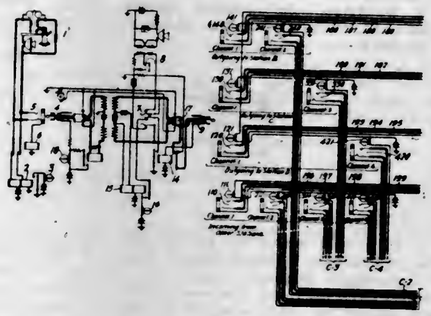
1,573,958. FOLDING BOAT. RICHARD A. WHALL, Athol, Mass. Filed Nov. 9, 1925. Serial No. 67,798. 10 Claims. (Cl. 9—2.)

1. A folding boat frame composed of separable sections, and including when erected, a flat sectional bottom portion, curved sectional side portions converging to the bow, a transverse stern portion interposed between the rear ends of the side portions, and contractible transverse tension members connecting the side portions, to



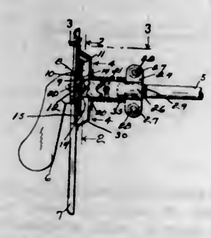
prevent lateral spreading of the frame and adapted to confine the rear ends of the side portions against the stern portion.

1,573,959. CARRIER-WAVE COMMUNICATING SYSTEM. SAMUEL B. WILLIAMS, Jr., Brooklyn, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 20, 1922. Serial No. 569,584. 35 Claims. (Cl. 179—15.)



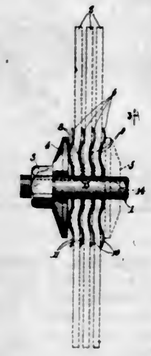
1. In a carrier wave system, three or more stations arranged to communicate with each other, and a plurality of frequency selective channels each having an incoming connection terminal at each station and an outgoing connection terminal at each station for each other station adapted to be reached over said frequency selective channel.

1,573,960. CONTROL-SHAFT MOUNTING. ROBERT K. WINNING, Wauwatosa, Wis., assignor to Clum Manufacturing Company, Milwaukee, Wis. Filed Dec. 5, 1925. Serial No. 73,464. 11 Claims. (Cl. 74—39.)



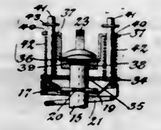
1. The combination with an actuating member, of a driven shaft fitting provided with a laterally disengageable connection with said member, and an axially yieldable annulus encircling a portion of said member and a portion of said fitting and adapted to secure said fitting and said member against disengagement.

1,573,961. BUFF WHEEL AND SPACING DEVICE THEREFOR. HENRY L. ZUCKER, Matawan, N. J., assignor to A. P. Munning & Co., New York, N. Y., a Corporation of New Jersey. Filed Sept. 26, 1921. Serial No. 503,465. 15 Claims. (Cl. 51—198.)



1. In combination a spindle, buff wheel sections carried thereby and a spacing device interposed between said sections, said spindle having a recess opening into the space between said sections to supply air thereto, and said spacing device having means permitting outward circulation of air between the sections from said recess.

1,573,962. SILENCER FOR GAS-ENGINE-VALVE MECHANISM. GEORGE H. CHARNOCK, Buffalo, N. Y. Filed Feb. 9, 1923. Serial No. 618,145. 8 Claims. (Cl. 123—90.)



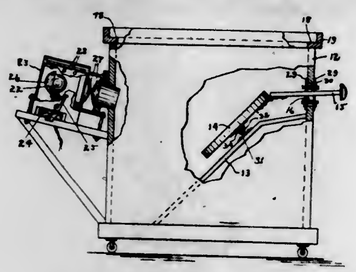
4. A silencer for the valve operating mechanism of a gas engine having a valve stem provided with a collar, and a rocker arm at the end of said stem, comprising an inner cross piece adapted to rest on said collar, an outer cross piece arranged between said stem and said arm, and yielding means interposed between said cross pieces.

1,573,963. DUPLICATING ROLL OR SHEET AND PROCESS OF MAKING SAME. ALBERT ISAACS, New York, N. Y., assignor to The Beck Duplicator Company, a Corporation of New York. Filed May 5, 1923, Serial No. 636,970. Renewed Aug. 29, 1925. 6 Claims. (Cl. 41—38.6.)



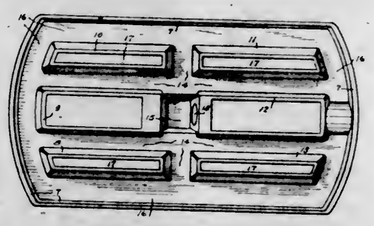
1. A duplicating roll or sheet adapted for use upon duplicating machines or the like, comprising in combination a backing sheet, a layer of material thereon having a comparatively low melting point, and a layer of material on said first named layer having a comparatively high melting point.

1,573,964. TESTING APPARATUS. JOHN A. JOHNSON, College Springs, Iowa. Filed Dec. 12, 1924. Serial No. 755,418. 6 Claims. (Cl. 99—6.)



6. In a testing apparatus, a casing having an apertured side wall and an opening in its top and provided with ledges at said opening, a screen removably disposed in said opening upon said ledges and having numerous concaved, apertured depressions for supporting objects to be tested, a reflector element having a universal joint mounted in the casing, a lamp for directing rays of light to the reflector element to be reflected to the apertures of said depressions, an operating-bar in the aperture of said side wall hingedly connected with said reflector element and adapted to be reciprocated longitudinally and to be moved transversely for adjusting the reflector element, and resilient means normally tending to control the movements of the operating-bar.

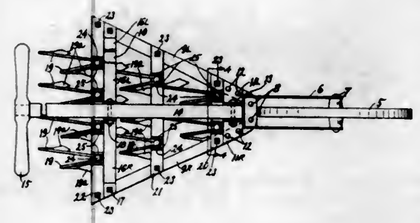
1,573,965. HYDROCARBON BURNER. PETER B. JOHNSON, Seattle, Wash. Filed Aug. 10, 1925. Serial No. 49,168. 2 Claims. (Cl. 158—116.)



2. In a burner of the class described, a burner body, means forming a fuel receiving well in the center of said burner body, a fuel inlet pipe connected with said well, a plurality of spaced integral subdividing elements extending upwardly from the bottom of said burner body and disposed lengthwise thereof, each of said subdividing elements being formed of spaced walls that leave draft openings therebetween, said subdividing elements forming a continuous marginal passageway around said burner body and forming longitudinal and transverse passageways that extend between said marginal passageway and said fuel receiving well, a cover plate having draft openings that register with the draft openings at each side of the center line of the burner, and perforated burner tips in said cover plate above said passageways.

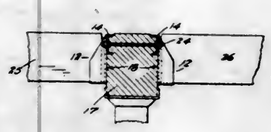
1,573,966. CULTIVATOR. JOHN G. JONES, Marine on St. Croix, Minn. Filed July 14, 1924. Serial No. 725,787. 1 Claim. (Cl. 97—198.)

In a cultivator, the combination with a frame adapted to be drawn over the ground and having transverse horizontal bars with pairs of integral ribs across their tops, of cultivator teeth formed in pairs, one tooth at each end of a metal bar, said bar having intermediate



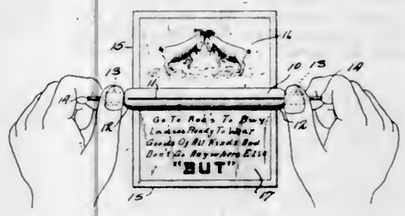
its ends an approximately U-shaped bend with a bolt through it and the frame bar to secure it thereto between a pair of the ribs.

1,573,967. JOIST-SUPPORTING STIRRUP. HENRY KAUFFMAN, deceased, late of Seattle, Wash., by Minette R. Kauffman, administratrix, Seattle, Wash. Filed Mar. 12, 1925. Serial No. 14,882. 4 Claims. (Cl. 20—92.)



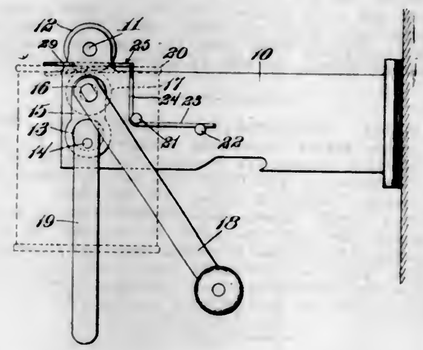
1. In a joist supporting stirrup, the combination of two substantially U-shaped hangers formed of angle-bars, a horizontally disposed channel bar secured to said hangers to rigidly couple the same in side-by-side relations, said channel bar being arranged to have the flange elements thereof extend rearwardly of the hangers and adapted to seat within recesses provided within a supporting beam.

1,573,968. MOVING-PICTURE TOY. THOMAS A. KILLMAN, Nashville, Tenn., assignor of one-half to Thomas G. Watkins, Nashville, Tenn. Filed June 13, 1925. Serial No. 36,888. 4 Claims. (Cl. 88—16.)



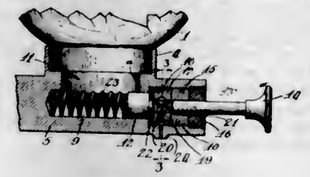
2. A toy of the character described comprising a shaft carrying a plurality of radiating vanes, the vanes carrying upon their faces a series of consecutive pictures showing objects in motion, the shaft at its ends being formed to provide opposite spindles, each spindle being relatively narrow in one dimension to provide two opposed relatively wide flat faces and two opposed relatively narrow faces intermediate the wide flat faces and the spindles carrying gudgeons projecting beyond the spindles.

1,573,969. CAN OPENER. THOMAS A. KILLMAN, Nashville, Tenn. Filed July 2, 1925. Serial No. 41,116. 6 Claims. (Cl. 30—3.)



1. In combination with a can opener including feeding and cutting rollers and means for moving one of said rollers toward and away from the other of the rollers, a spring associated with the rollers and engaging a can disposed between the rollers to force the same into operative engagement with the feeding roller.

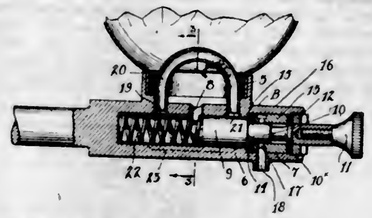
1,573,970. SOAP-DISPENSING APPARATUS. LOUIS KOOPERSTEIN, New York, N. Y., assignor to West Disinfecting Company, New York, N. Y., a Corporation of New York. Filed Apr. 3, 1925. Serial No. 20,344. 3 Claims. (Cl. 221—102.)



3. In soap dispensing apparatus, a valve casing provided with two longitudinal chambers, a piston normally disposed between the two chambers, a push-rod formed with a duct having an inlet and an outlet in said rod, the said rod being connected in the piston, a valve sleeve surrounding said rod and the duct, a nozzle in the valve body, and a communication between said nozzle and the valve sleeve duct.

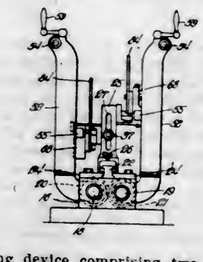
1,573,971. SOAP-DISPENSING APPARATUS. LOUIS KOOPERSTEIN, New York, N. Y., assignor to West Disinfecting Company, New York, N. Y., a Corporation of New York. Filed Apr. 3, 1925. Serial No. 20,345. 5 Claims. (Cl. 221—102.)

1. A soap dispenser having, in combination, a valve body provided with an inlet and an outlet, a piston, a duct extending from opposite sides of the inlet, the outlet, end of said duct being normally closed by the piston and means for imparting endwise movement to the piston whereby the inlet is closed and thereafter



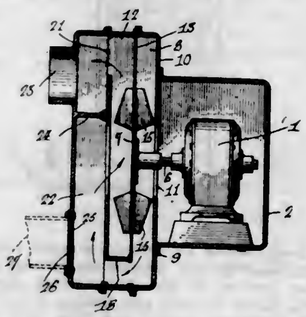
the outlet is opened, the continued movement of the piston forcing liquid through said duct and into the discharge outlet.

1,573,972. COIL-FORMING MACHINE. ALEXANDER H. KOPPRASCH, Chicago, Ill., assignor to Electric Service Supplies Co., Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 6, 1924. Serial No. 711,405. 1 Claim. (Cl. 153—17.)



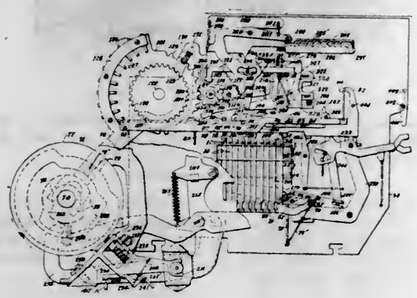
A coil holding device comprising two parallel levers; a frame to which said levers are pivoted intermediate their ends; a rotatable shaft supported by said frame between said levers; two cams secured to said shaft, one on each side of said pivotal point, having their operative surfaces in planes at right angles to each other, one cam operable to separate the levers when said shaft is rotated and the other cam operable to bring said levers toward each other upon subsequent rotation of said shaft.

1,573,973. TURBINE FOR ORGANS OR THE LIKE. ANTOINE LAMONTAGNE, Montreal, Quebec, Canada. Filed Sept. 12, 1925. Serial No. 55,970. 7 Claims. (Cl. 230—11.)



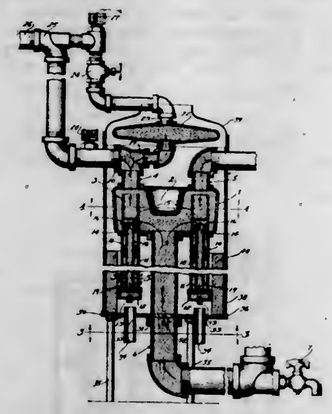
1. In combination with a rotor, a partition lying in a plane parallel to a diameter of the rotor and bisecting the rotor blades radially, and means of communication from one side of the partition to the other.

1,573,974. ACCUMULATOR RECIPROCATOR FOR TABULATING MACHINES. WILLIAM W. LASKER, Brooklyn, N. Y., assignor, by mesne assignments, to Powers Accounting Machine Corporation, New York, N. Y., a Corporation of Delaware. Original application filed Mar. 28, 1917, Serial No. 158,142. Divided and this application filed Apr. 3, 1918. Serial No. 226,498. 45 Claims. (Cl. 235—58.)



5. In an apparatus of the character described, the combination of a plurality of actuating members; an accumulator adapted to be moved into and out of operative relation with the members; an accumulating movable member and a total taking movable member pivotally adapted the one to the exclusion of the other to be operatively connected to said accumulator for moving cumulator adapted to be moved into and out of operacams adapted to reciprocate last named members respectively for accumulating or taking totals.

1,573,975. WATER HEATER. WILLIAM F. LAUTENSCHLAGER, Cincinnati, Ohio. Filed Apr. 22, 1922. Serial No. 556,095. 5 Claims. (Cl. 122—319.)

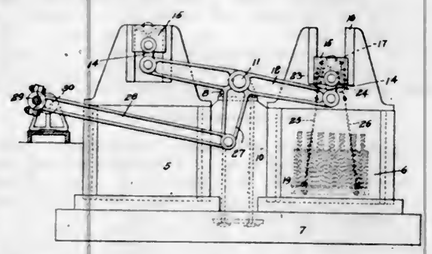


1. A drum, having an inwardly directed centrally disposed hollow projection defining an annular pocket at the upper portion of said drum, outlet pipes leading from said pocket, an inlet pipe leading to the bottom of said drum centrally thereof and below said projection, a plurality of circulation units detachably secured to and in communication with the interior of said drum and surrounding said intake pipe, each unit providing concentric down and up-passages communicating respectively with the lower, and pocketed portions of said drum, a hollow baffle element disposed above said drum, said baffle having an intake and an outlet pipe connected with an outlet pipe of said drum, respectively at points adjacent and a substantial distance therefrom, said baffle and drum relatively disposed to form a space therebetween, means for heating said units, and means surrounding said units, drum and baffle, for confining heat and directing the same against the surfaces thereof.

1,573,976. TRANSFER-INK COMPOSITION. WINTHROP STANLEY LAWRENCE, Brooklyn, N. Y., assignor to Kaumagraph Company, New York, N. Y., a Corporation of New York. Filed Sept. 29, 1924. Serial No. 740,520. 6 Claims. (Cl. 134—36.)

1. A fusible transfer ink releasable from a paper transfer base under the action of heat, said ink embodying a fusible base, a coloring agent, and an emulsifying agent, said emulsifying agent being adapted to cause the emulsification of said coloring agent when said ink is acted upon by an alkaline washing fluid.

1,573,977. PICKLING MACHINE. LEIF LEE, Youngstown, Ohio. Filed Sept. 9, 1924. Serial No. 736,717. 8 Claims. (Cl. 266—7.)



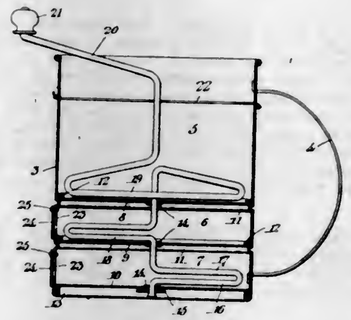
8. The combination with two pickling baths of an oscillatory shaft positioned between said baths, a slide-head positioned above the end of each of said baths, parallel walking beams secured one at each end of said shaft for reciprocating said slide-heads, a pocket formed in the top of each slide-head, a rod adapted to extend longitudinally above each bath and to rest in the pockets of the associated slide-heads and means for resiliently supporting a container from each of said rods for immersion in the associated bath.

1,573,978. ELECTRIC INSULATING TAPE. IRVING W. LEVINE, Westmount, Quebec, Canada. Filed Aug. 30, 1924. Serial No. 735,199. 4 Claims. (Cl. 154—43.)



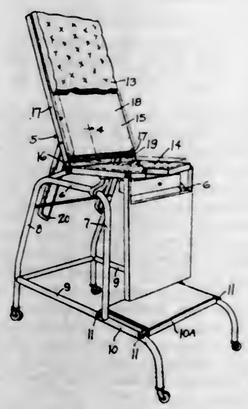
3. An insulating tape comprising a foundation strip fabric, said fabric being waterproof, one side of said strip being coated first with a layer having air curing properties, and then with a second layer having non-air curing properties, the other side of the strip being provided with a face coat having high dielectric resistance and greater air-curing properties than the first named layer.

1,573,979. SIFTER. CAROLYN M. LIGHT, Los Angeles, Calif., and LOUISA ARCHER, Rochester, N. Y. Filed Dec. 3, 1923. Serial No. 678,156. 2 Claims. (Cl. 209—358.)



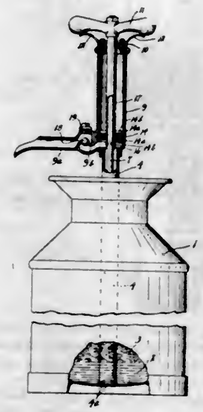
1. In a sifter, a barrel, a plurality of screens arranged in spaced parallel relation in said barrel and each having a central opening, a shaft rotatably supported in said openings, the said shaft being bent upon itself above each screen to provide a pair of spaced upper and lower arms extending radially of the screens, the upper arm of each pair being disposed a substantial distance below the screen above the same to break up particles of material forced through said screen and to aerate said material, and the lower arms lying close to their respective screens to form sweeps therefor to force material through said screens.

1,573,980. PHYSICIAN'S EXAMINING TABLE. JOHN M. LIPTAY, New York, N. Y. Filed Jan. 29, 1925. Serial No. 5,425. 1 Claim. (Cl. 45—50.)



A physician's table comprising a seat, a back hinged thereto, leg members associated with said seat, a lower ground engaging frame, one end of which extends beyond the leg members to increase the base area of the table, a step removably disposed on said lower frame, a cushion associated with the seat and the back, and a rod passing through said back and through said cushion to hold the latter in place on said table.

1,573,981. DEVICE FOR REMOVING WATER FROM CREAM. DEDRICK A. MAANUM, Minneapolis, Minn. Filed July 3, 1924. Serial No. 724,047. 5 Claims. (Cl. 103—153.)

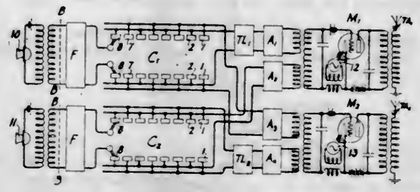


1. A device for removing water from the bottom of a cream can, comprising hollow means adapted to be projected through said cream to the bottom of the can, means adjacent the lower end of said hollow means for closing the same during said projection and means above said hollow means for raising and discharging the water through said means at a point above the can.

1,573,982. TEXTILE BELT. JOHN MACADAM and WILLIAM BERRY, Wilmington, Del. Filed Aug. 11, 1922. Serial No. 581,240. 2 Claims. (Cl. 91—68.)

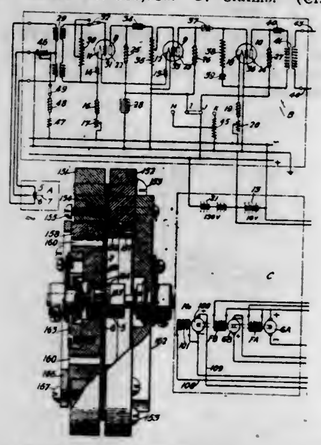
2. A transmission clutch lining having the characteristic structural qualities of cotton belting and having its friction surface impregnated with cellulose.

1,573,983. SECRET SIGNALING. ROBERT C. MATHES, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 8, 1923. Serial No. 656,343. 15 Claims. (Cl. 250—9.)



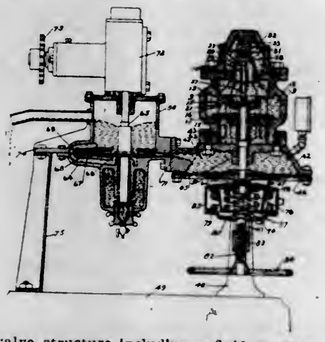
1. The method of wave transmission comprising separating the waves into successive portions and simultaneously transmitting the successive portions over different respective transmission paths.

1,573,984. RADIO BROADCASTING EQUIPMENT. JOSEPH P. MAXFIELD, Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 9, 1922. Serial No. 566,981. 17 Claims. (Cl. 250—6.)



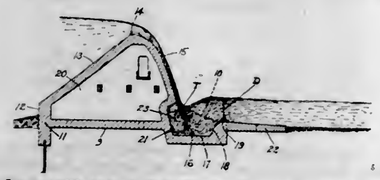
3. A radio broadcasting equipment comprising in combination a distortionless, air-damped transmitter, a multistage audio-frequency amplifier, and a radio transmitter.

1,573,985. VALVE STRUCTURE. ADOLPH F. MEYER, St. Paul, Minn. Filed June 20, 1921. Serial No. 479,080. 8 Claims. (Cl. 137—139.)



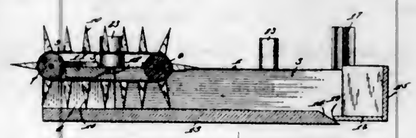
1. A valve structure including a fluid passage, a main valve adapted to close the passage, a by-pass around said main valve, a second valve to close the by-pass, and controlling means to move the main valve to open and close position and adapted, upon further movement after closure of the main valve, to open the by-pass valve.

1,573,986. SPILLWAY. ADOLPH F. MEYER, St. Paul, Minn. Filed Jan. 5, 1925. Serial No. 615. 12 Claims. (Cl. 61—18.)



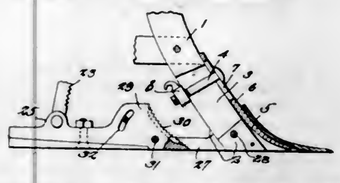
1. In a spillway of the adherent nappe type, a hollow bucket having a portion extending upstream underneath the downstream face of the spillway.

1,573,987. WAVE MOTOR. ISAAC MILES, Bonesteel, S. Dak. Filed July 17, 1922. Serial No. 575,505. 1 Claim. (Cl. 253—13.)



A wave motor including a float, said float including converging walls defining a sluice, a horizontal board connecting the site walls of the sluice and arranged in vertical spaced relation with the bottom of the float, the forward edge of the board being beveled to direct water downwardly, drums operating at the ends of the sluice, an endless belt operating under the drums, buckets carried by the endless belt, said bockets being of lengths to engage the bottom of the sluice, and means for admitting water to the sluice.

1,573,988. PLOW. JAMES W. MONTGOMERY, Thomasville, Ga., assignor to W. J. Burnett, Thomasville, Ga. Filed May 29, 1922. Serial No. 564,391. 1 Claim. (Cl. 97—133.)



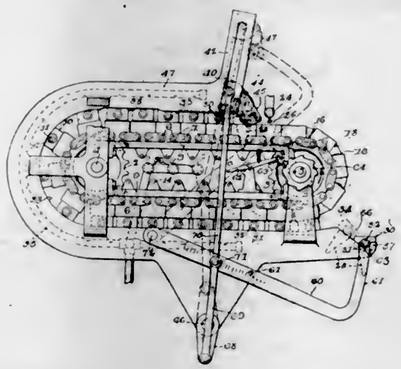
In a plow the combination with a stock, of an angularly adjustable runner having a forked end straddling and pivotally connected to the stock, an upwardly projecting portion on the runner between the ends thereof, there being a series of transverse teeth upon the front face of the upwardly projecting portion, said series extending downwardly into the forked portion of the runner, a toothed member adjustably mounted on the toothed face of said upwardly projected portion, and a sweep secured to and extending across the front of the toothed member and back of the stock.

1,573,989. MACHINE FOR MAKING ICE-CREAM CONES. JOHN MUCK, Milwaukee, Wis. Filed Sept. 30, 1920. Serial No. 413,772. 19 Claims. (Cl. 107—58.)

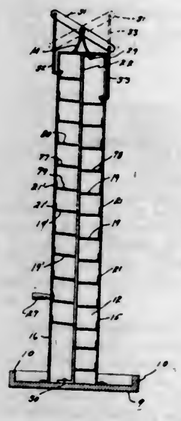
1. The combination with a matrix carrier including a set of matrices provided with pastry receiving cavities, of means for delivering pastry to the matrices successively, sliding means adapted to carry a plunger and operable to deliver said plunger into each matrix following the delivery of a quantity of batter thereto, means for heating the matrices and plungers, and means for inverting the matrices and allowing the plungers to drop therefrom by gravity after a predetermined heating period.

5. The combination of a matrix carrier adapted to convey pastry containing matrices, a set of plunger dies cooperative with the matrices, trackways for supporting the matrices and holding the plungers therein, an associated heater, means for delivering material into the matrices successively as they approach the heater, and means for subsequently delivering plungers into the matrices to shape the material into the desired contour, said carrier being adapted to invert the matrices while the plungers are held in position therein, whereby they are permitted to drop by gravity from the matrices upon leaving the trackways, each plunger having a head piece provided with doweling devices adapted to engage the matrix walls to position the plunger within the matrix during the heating period.

10. The combination with a set of horizontal shafts provided with sprockets wheels, of an endless chain mounted upon said sprocket wheels, and including a series of juxtaposed matrices, trackways for holding the matrices in horizontal planes between the front and rear sprockets wheels, means for delivering material to the matrices as they pass rearwardly from the forward sprocket wheel on the upper side, means for delivering plungers to the matrices after they receive such material, means for holding the plungers in the matrices until they return to the vicinity of the forward sprocket wheel on the under side, and means for heating the matrices and plungers while in the vicinity of the rear sprocket wheel, each matrix having one movable wall adapted to separate from the remainder of the matrix while the latter is traveling about a sprocket wheel to allow the plunger to drop from the matrix when the latter is inverted.

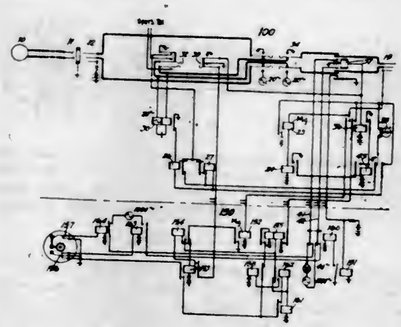


1,573,990. TOY. LEONARD J. MUELLER, Detroit, Mich. Filed Oct. 27, 1922. Serial No. 597,239. 4 Claims. (Cl. 46—37.)



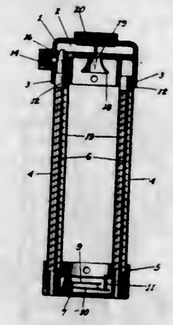
1. A toy of the class described comprising a frame; a spacing element mounted in said frame; a set of runways slidably mounted in said frame on opposite sides of said element; and means for changing the relative position of said sets.

1,573,991. SIGNALING SYSTEM. PAUL B. MURPHY, Nyack, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 17, 1924. Serial No. 756,396. 10 Claims. (Cl. 179—27.)



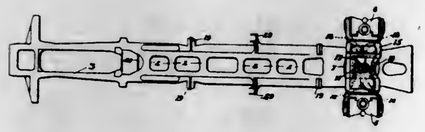
1. In a telephone system, the combination of subscribers' station with a toll line terminating in means for extending the line automatically to a subscriber's station, means at the terminating end of said line for transmitting back over the line high frequency alternating currents periodically at a certain rate actuated when an automatic connection has been extended to a subscriber's station, signaling means at the originating end of the line repsonsive to said alternating currents to indicate that the subscriber's station has been reached, means at the originating end for transmitting over said line a call signal, signaling means at the terminating end for calling the connected subscriber's station, means at the terminating end responsive to said call signal for discontinuing the transmission of alternating currents to the originating end and then actuating the signaling means at this end of the line, and means for continuing the transmission of alternating currents to the originating end when the call signal ceases.

1,573,992. CIGAR LIGHTER. LEWIS PENGILLY, Stockton, Calif. Filed Mar. 6, 1923. Serial No. 623,212. 7 Claims. (Cl. 219—32.)



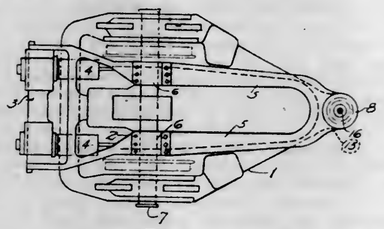
1. A cigar lighter comprising a cup connected to a suction means and adapted to receive one end of a cigar therein, an electric heating element in alinement with the cup and with which the other end of the cigar is adapted to engage, said element and cup being relatively movable to and from each other whereby cigars of different lengths may be accommodated therebetween and means whereby the element will be heated and the suction means enabled to communicate with the cup only when the element is moved away from the cup.

1,573,993. LOCOMOTIVE BED. HARRY M. PFLAGER, St. Louis, Mo., assignor to Commonwealth Steel Company, St. Louis, Mo., a Corporation of New Jersey. Filed Apr. 13, 1925. Serial No. 22,818. 27 Claims. (Cl. 105—172.)



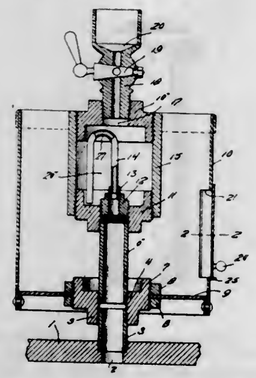
24. A locomotive bed comprising side frames and a plurality of steam cylinders formed integrally with said side frames and located between them, and steam supply chambers for said cylinders formed integrally therewith.

1,573,994. BOOSTER-MOTOR SUPPORT. HARRY M. PFLAGER, St. Louis, Mo., assignor to Commonwealth Steel Company, St. Louis, Mo., a Corporation of New Jersey. Filed Jan. 22, 1924. Serial No. 687,843. 16 Claims. (Cl. 105—133.)



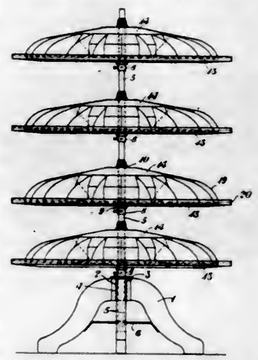
1. In a locomotive, a main frame, a trailer axle having pivotal movement relative to said frame, a horizontal member secured near one end to said frame, supported intermediate its ends on said axle and pivoting therewith, and a booster motor carried by said member near its opposite end.

1,573,995. GASOLINE-ENGINE-STARTING DEVICE. WILLIAM O. PIGORS, Ferney, S. Dak. Filed Feb. 25, 1924. Serial No. 695,009. 2 Claims. (Cl. 123—180.)



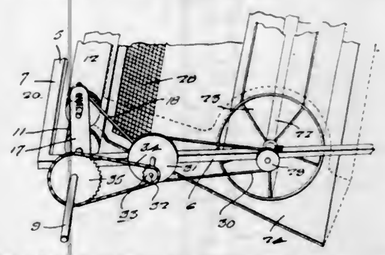
2. A priming device for internal combustion engines comprising a member mounted on the cylinder of said engine having a chamber communicating with the combustion chamber of said engine, means for restricting the passage between the chamber of said member and the combustion chamber of said internal combustion engine, a valve controlled inlet to said chamber to permit the filling thereof with priming fluid, and a jacket member surrounding said first mentioned member and carried thereby for receiving a supply of heating fluid ignitible for heating said member to vaporize the priming fluid therein for supply to the combustion chamber of said engine.

1,573,996. ROTARY FILING DEVICE. GEORGE H. PREDDEY, San Francisco, Calif. Filed June 23, 1922. Serial No. 570,452. 2 Claims. (Cl. 45—3.)



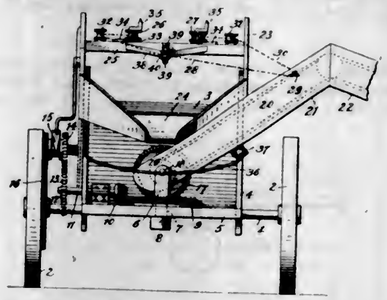
1. A device for filing cards comprising a supporting shaft, a series of substantially circular shelves mounted thereon in vertical spaced relation, means whereby said shelves may be rotated on said shaft independently of each other, an outer flange on each shelf for retaining filing cards, an inner circular wall on each shelf against which the edges of the card may abut, said wall having a diameter approximately half that of the shelf, and a series of partitions of approximately uniform thickness extending radially between said inner wall and outer flange, said partitions being spaced at their inner ends a substantial distance apart and being spaced farther apart at their outer ends to form compartments in which groups of cards may be filed in a vertical position radially of said shelf.

1,573,997. INSECT-DESTROYING MACHINE. FRANK E. REED, Glenwood, Minn. Filed May 5, 1925. Serial No. 28,131. 1 Claim. (Cl. 43—140.)



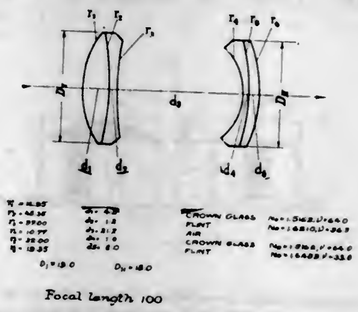
In a machine of the class described, a wheeled frame, a shaft for the wheels of the frame extending transversely from the frame, a roller on said shaft to be rotated therewith, a pair of standards having openings at their lower ends for receiving the shaft, brace rods connected to the upper ends of the standards and to the frame, a second shaft journaled in the standards, means urging the second shaft toward the first shaft, a roller on the second shaft normally engaged with the first roller, gearing between the two shafts, and suction means associated with the rollers for leading insects thereto, so that they may be crushed therebetween.

1,573,998. STONE GATHERER. EDGAR S. RIBBANS, Hampton, N. J. Original application filed Dec. 23, 1921, Serial No. 524,486. Divided and this application filed Sept. 10, 1924. Serial No. 736,989. 4 Claims. (Cl. 198—100.)



1. A stone gatherer including a supporting frame, a conveyor connected to the frame for horizontal swinging movement, and a track secured to the frame and adapted to support the conveyor, the ends of the track secured to the frame being on a higher plane than the intermediate portion thereof thereby normally tending to direct the conveyor towards the center of the track.

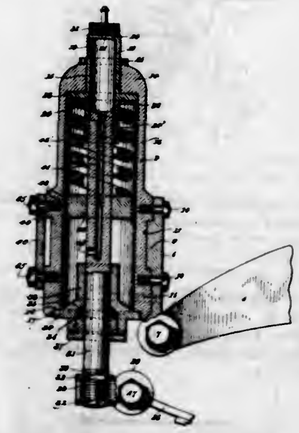
1,573,999. TELEOBJECTIVE. ROBERT RICHTER, Berlin-Friedenau, Germany, assignor to Optische Anstalt C. P. Goerz Aktiengesellschaft, Berlin-Friedenau, Germany. Filed June 6, 1925. Serial No. 35,339. 1 Claim. (Cl. 88—57.)



A tele-objective constituted by a converging front member and a diverging rear member at a fixed distance from the front member each of both members made of two lenses cemented together, the rear member having the shape of a meniscus with its concave surface facing the front member its cement surface being of diverging quality and curved in the same direction as the outer surfaces having however a radius of curvature which is greater than the outer convex surface but not larger than five times the radius of curvature of the concave face of the rear member.

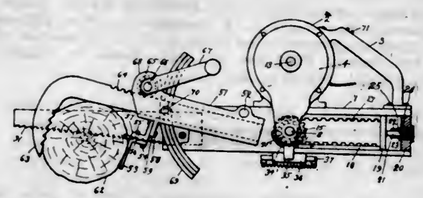
1,574,000. SHOCK ABSORBER. CHARLES R. ROBERTS, Ashland, Oreg. Filed July 16, 1925. Serial No. 43,976. 6 Claims. (Cl. 267—65.)

1. In a shock absorber of the type described, a closed cylinder, a piston head in said cylinder, means connected to said head and projecting out of the cylinder by means of which the head may be reciprocated, a compressible substance in the cylinder on both sides of the head, a by-pass around said head for permitting the substance to escape from one side to the other of said head when the latter is reciprocated, means independent of said head for closing the by-pass after the head has reciprocated a predetermined distance in either direction from its normal position, a compression spring on one



side of the piston head for determining the said normal position of the latter, and means for simultaneously changing the location of said normal position and changing said predetermined distance the head may move before the by-pass is closed.

1,574,001. SAWING MACHINE. JOSEPH J. ROGACH, Brooklyn, N. Y. Filed Nov. 25, 1924. Serial No. 752,137. 2 Claims. (Cl. 143—68.)

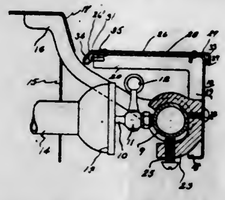


2. In a sawing machine, the combination with a housing, a sliding member in said housing, a saw blade attached to said sliding member, an electric motor on said housing, a shaft passing transversely through said housing, an operative connection between said shaft and said motor, pinions on said shaft, racks on the upper and on the lower sides of said sliding member adapted to be engaged by said pinions, clutches on said shaft adapted to alternately engage said pinions, a shifting member for said clutches, means to operate said shifting member from said sliding member, and means to accelerate the movement of said shifting member for the extreme positions of said sliding member.

1,574,002. GAS-COCK SHIELD. SAMUEL ROLLAND, Flint, Mich. Filed May 2, 1925. Serial No. 27,496. 5 Claims. (Cl. 126—42.)

1. A gas cock shield of the class described, comprising a vertically extending supporting plate having a vertically extending and a horizontally projecting flange at opposite ends; a supporting member for mounting said plate on the feed pipe of a gas stove; and a cover plate, adapted, when in inoperative position, to extend parallel to and in

close relation with said supporting plate and when in operative position, for extending horizontally in close engagement with said horizontally projecting flanges; and



means for mounting said cover plate on said flanges for permitting the swinging of said cover plate into operative or inoperative position.

1,574,003. SPINNING MACHINE. HENRY RYDER, New York, N. Y., assignor to Wire Fibrous Products Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 29, 1922. Serial No. 603,992. 6 Claims. (Cl. 117—34.)



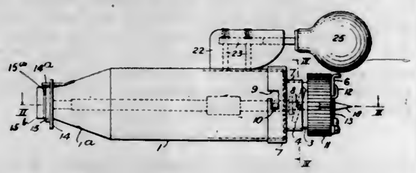
1. In a machine of the type described, means for feeding straight fibres, a spool-holder adapted to hold a plurality of spools for feeding yarns, means for rotating said spool-holder, means cooperating with said spool-holder to form a core of parallel yarns, means for preventing the yarns from turning about their respective axes when the spool-holder revolves, and means for spinning said fibres parallel to each other spirally around said yarns.

1,574,004. MULTIPLE-WIRE FIBROUS YARN. HENRY RYDER, New York, N. Y., assignor to Wire Fibrous Products Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 29, 1922. Serial No. 603,993. 4 Claims. (Cl. 117—52.)



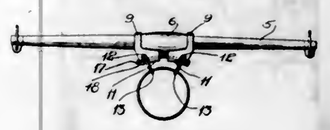
1. A rope structure, comprising a core of yarns in parallel relation, and a covering of fibres spun above said core.

1,574,005. STEAMING TUBE. PETER SARTORY, Bayswater, London, England. Filed June 15, 1925. Serial No. 37,357. 10 Claims. (Cl. 132—33.)



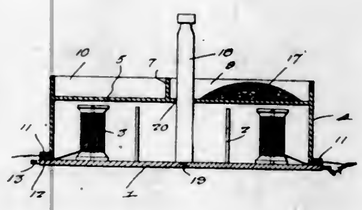
1. In combination, a steaming tube, a closure for the root end of the tube an axial member connected to said closure and extending through said tube beyond the tip end thereof, a shoulder on the axial member at the tip end thereof, a closure for the tip end adapted to be pushed on to the tube and including an independently rotatable crown, the crown having a central aperture to pass over said shoulder on the axial member and means causing engagement of said crown and axial member when the aperture is behind said shoulder, so that on rotation of the crown the latter moves axially, pushing with it said axial member to force the closure thereon steam tight on the root end of the steaming tube.

1,574,006. NECK YOKE. ALBERT E. SCHRUTH, EDWARD SCHRUTH, and JOHN SCHRUTH, Pepin, Wis. Filed Feb. 2, 1925. Serial No. 6,359. 3 Claims. (Cl. 278—121.)



1. A neck-yoke having an enlarged portion at its center with shoulders at the ends of said enlarged portion, members having rings applied to said neck-yoke, the said members and rings being shaped to the configuration of the shoulders and the surface of the said enlarged portion, means for drawing the members toward each other with the rings in engagement with the shoulders, and a pole ring connected to said members.

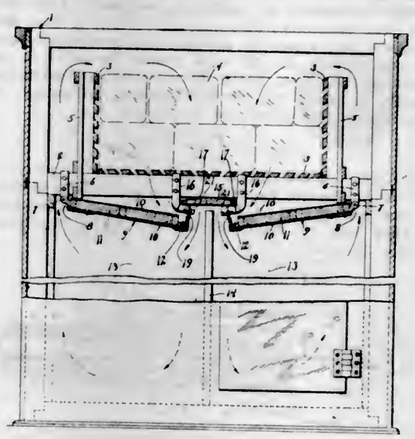
1,574,007. SEWING CABINET. CLYDE M. SCHWANTES, Winfield, Kans. Filed Oct. 21, 1924. Serial No. 744,927. 1 Claim. (Cl. 223—53.)



A sewing cabinet comprising a base provided on its top and adjacent one edge with an apertured strip, a hollow casing removably supported on the base and bearing against said strip, a spool holder carried by the base and located in the casing, the thread carrying spool being adapted to be placed rotatably upon said holder and the free ends of the threads to be passed through the aperture in said strip and beneath the bottom of the adjacent wall of said casing to permit said wall to be pressed against the thread for placing tension thereon, and a handle secured to the base and extending upwardly therefrom through an opening in the top of said casing.

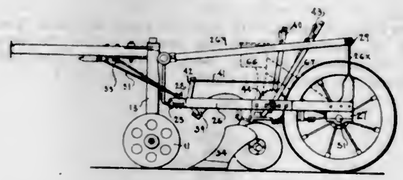
1,574,008. ICE CHEST. FRANK W. SCHWIND, Los Angeles, Calif., assignor to Weber Showcase & Fixture Company, Los Angeles, Calif., a Corporation of Delaware. Filed Mar. 25, 1925. Serial No. 18,165. 1 Claim. (Cl. 62—47.)

A storage chest comprising an ice receiving chamber having slotted sides and a slotted bottom, a plurality of normally inclined insulated air circulating plates hingedly supported at their outer edges and means at their inner adjacent edges for adjusting the inclination of the said plates, said means including a plurality of arms, a plurality of perforations formed in the said arms, a plurality of curved supporting arms having slots formed therein through which the first said arms are adapted to fit, and



means adapted to be simultaneously positioned in the said perforations for securing the first of said arms to the said supporting arms in predetermined and adjusted positions.

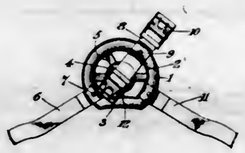
1,574,009. COMBINATION LISTER, CULTIVATOR, AND RIDGE WORKER. ORVEN A. SCOGIN, Wichita, Kans. Filed Mar. 22, 1923. Serial No. 626,850. 1 Claim. (Cl. 97—23.)



In an agricultural implement, a frame structure including a plurality of frame elements; a transverse shaft forward of said frame elements; rear wheel elements supporting said frame structure; vertical bearings, each having a web-like element adjustably supported on the transverse shaft, forward wheel elements and shafts therefor, each shaft housed in one of said vertical bearings; a tie bar connecting between an upper portion of a web-like element and a rear portion of a frame element; and a hook element projecting from the base of a web-like element in engagement with a forward clamping device of an adjacent frame element, the rear ends of the frame elements being adjustable toward and from each other; and soil treating tools adjustably carried by each frame element.

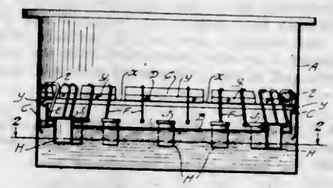
1,574,010. SUPPORT. JAMES WEST, Balston Spa, N. Y. Filed Feb. 9, 1923. Serial No. 617,950. 2 Claims. (Cl. 128—100.)

2. A device of the character described including in combination, a support formed in one piece of yielding material such as rubber and comprising an annular member, a holding member in the form of a button less in diameter than the annular member centrally located therein, and a plurality of yielding members connecting said annular member and said holding member, said yielding members being spaced apart substantial distances and being less



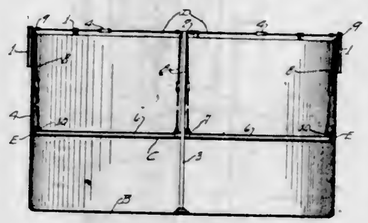
in thickness than the other parts of said support and suspension means connected to said annular member in the spaces between said yielding members.

1,574,011. FLOATING DECK FOR LIQUID-STORAGE TANKS. JOHN H. WIGGINS, Bartlesville, Okla. Filed Dec. 14, 1923. Serial No. 680,773. 3 Claims. (Cl. 220—26.)



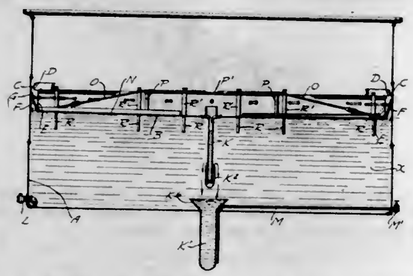
1. A floating deck for liquid storage tanks, comprising a portion that floats upon the liquid in the tank and covers the major part of the surface of the liquid, pontoons or buoyant devices removably mounted in openings in said portion arranged adjacent the outer edge of same, and means for preventing the liquid in the tank from escaping upwardly through one of said openings when the pontoon that co-operates with said opening is removed.

1,574,012. LIQUID-STORAGE TANK. JOHN H. WIGGINS, Bartlesville, Okla. Original application filed May 19, 1922, Serial No. 562,107. Divided and this application filed Feb. 16, 1924. Serial No. 693,397. 2 Claims. (Cl. 220—26.)



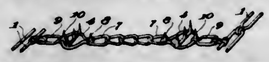
1. A liquid storage tank provided with a side wall formed by a vertically-disposed, cylindrical member open at its upper end, a vertically-disposed mast or upright at the center of the tank, devices projecting upwardly above the top edge of said side wall, radially-disposed tension member connected at their inner ends to said mast and at their outer ends to said devices, and a floating deck supported by the liquid in the tank and provided with a shoe whose upper edge portion slides upon said upwardly-projecting devices under certain conditions.

1,574,013. FLOATING DECK FOR LIQUID-STORAGE TANKS. JOHN H. WIGGINS, Bartlesville, Okla. Filed Apr. 30, 1924. Serial No. 710,097. 12 Claims. (Cl. 220—26.)



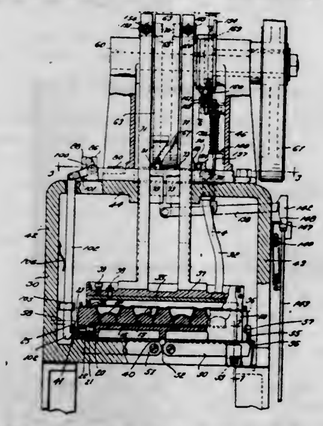
1. A floating deck for liquid storage tanks, comprising a central body portion that normally floats upon the liquid in the tank, shoe members arranged in sliding engagement with the side wall of the tank with their lower edge portions submerged in the liquid in the tank, and a supporting means for said shoe members carried by the central body portion of the deck and so constructed and arranged that gravity tends to hold said shoe members in parallel relationship with the side wall of the tank and in snug engagement with said side wall.

1,574,014. ANTISKID CHAIN. JOSEPH G. ALLMON, Melrose, Mass. Filed Nov. 4, 1924. Serial No. 747,823. 5 Claims. (Cl. 152—14.)



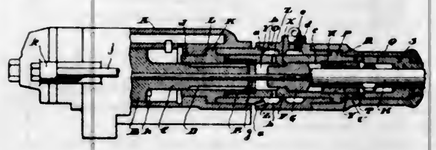
1. In an anti-skid chain having a pair of side chains formed of interconnected links, and a plurality of interconnecting link cross chains laterally directed anti-skid barbs carried by the side links of said cross chains, substantially as described.

1,574,015. APPARATUS FOR FORMING HOLLOW ARTICLES OF PLASTIC MATERIAL. ALBERT H. BATES, Cleveland Heights, Ohio, assignor to Paramount Rubber Consolidated, Incorporated, Little Falls, N. J., a Corporation of Delaware. Filed Aug. 20, 1923. Serial No. 658,271. 22 Claims. (Cl. 18—19.)



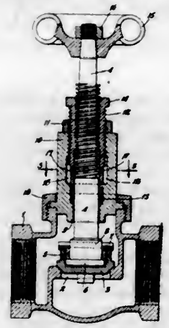
22. The combination of a cavitary mold, a chamber having a closed top and open bottom of such dimensions relative to the mold that it may coact with the mold face outside of the cavity, said mold having a vent from the cavity and having an openable and closable valve for controlling said vent, a conduit leading to said chamber, and an openable and closable draining valve in said conduit, mechanism for moving the chamber to coact with the mold, mechanism then acting to hold it in that position, and mechanism for automatically opening the valve in said conduit and for then closing the valve in the mold vent and then closing the valve in the conduit and thereby releasing the internal pressure, all during the time the holding mechanism is acting.

1,574,016. ROCK-DRILL FRONT END. LEWIS C. BAYLES, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Mar. 12, 1925. Serial No. 14,950. 2 Claims. (Cl. 121—32.)



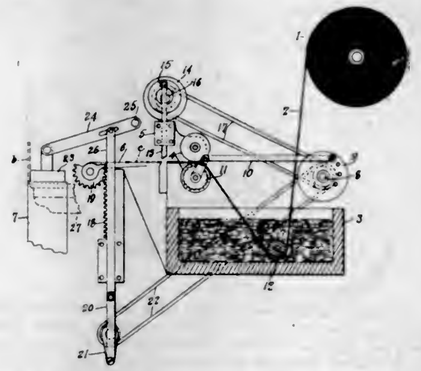
1. In a rock drill, the combination of a cylinder and piston, of a front cylinder washer having a flange bearing against a shoulder in the cylinder, a front cylinder extension extending within the cylinder against the flange of the cylinder washer, a chuck within the cylinder extension having an external flange adapted to bear against the extension, a front head having a shoulder bearing against the said external flange for holding the chuck in position, and a loose chuck jaw within the forward end of the front head and clutched to the chuck.

1,574,017. VALVE. DANIEL S. BEATTIE, New York, N. Y., assignor to Nathan Manufacturing Company, a Corporation of New York. Filed May 15, 1924. Serial No. 713,410. 7 Claims. (Cl. 251—50.)



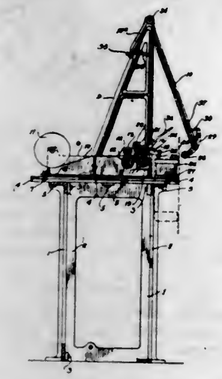
5. In a valve assembly, an interiorly threaded gland; an exteriorly threaded spindle movable therein; a packing chamber between the threaded portions of gland and spindle and the valve chamber, the packing wherein is compressed against the spindle by the gland alone; and atmospheric communicating means located between the threaded portion of the gland and the packing, and communicating with the space between the gland and spindle.

1,574,018. MEANS AND METHOD FOR MAKING ADHESIVE JOINTS AND THE LIKE. SAMUEL BERGSTEIN, Middletown, Ohio, assignor to The Interstate Folding Box Company, Middletown, Ohio. Filed July 11, 1924. Serial No. 725,401. 15 Claims. (Cl. 93—41.)



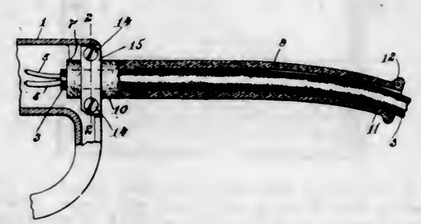
1. The herein described method of forming adhesive joints, consisting in passing a web of material through an adhesive substance, as liquid glue, whereby said material will become glue-coated, in severing the web into measured lengths and causing the severed portions to be positioned in relation to parts of an article adapted to coact one with another and with said glue-coated portion to form an adhesive joint, in folding said parts one relative to another, and in applying pressure to the folded portions to effect said joint.

1,574,019. PAPER-BOX-MAKING MACHINE. SAMUEL BERGSTEIN, Middletown, Ohio, assignor to The Interstate Folding Box Company, Middletown, Ohio. Filed Jan. 23, 1925. Serial No. 4,200. 8 Claims. (Cl. 93—41.)



1. The herein described method of making paper boxes consisting in positioning a box to effect foldings of portions thereof, in folding certain of said portions, in supporting a supply of adhesive tape coated on both sides, in drawing the tape forward, in moistening and severing the same into measured lengths, and disposing the severed portions over the folded portions of the box, and in folding other portions of the box over the adhesive to effect a joint.

1,574,020. ELECTRIC-CORD PROTECTOR. SAMUEL DUNCAN BLACK and ALONZO GALLOWAY DECKER, Baltimore County, Md., assignors to The Black & Decker Manufacturing Company, Towson, Md., a Corporation of Maryland. Filed May 19, 1922. Serial No. 640,034. 1 Claim. (Cl. 173—322.)



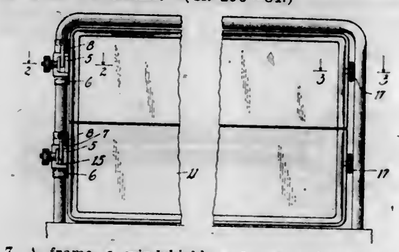
The combination with a conducting cord and a portable electric tool to which the conductor is connected, of a cord protector consisting of an elongated tube of flexible material enclosing and fitting loosely about the cord, permitting the cord to slide freely in the tube, the tube having a gradual taper, the thickness of the walls of the tube increasing toward the tool, the larger end of the tapered protector being inserted in the tool casing which has an opening to receive the same, and clamping means for rigidly securing the large end of the protector tube in the tool casing, so that it forms a substantially rigid extension of the tool casing gradually increasing in flexibility to the free end portion, which is relatively thin and reinforced to prevent tearing, the increased flexibility at the end permitting the protector at this point to conform to the direction of the cord, the protector presenting a graduated resistance to lateral stresses, causing the portion of the cord within the tube to assume a smooth curved line continuous with the direction of the remainder of the cord.

1,574,021. PERCOLATOR. LAWRENCE BONELL, Chicago, Ill. Filed Nov. 1, 1924. Serial No. 747,150. 7 Claims. (Cl. 53—3.)



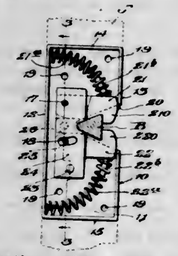
1. A device of the class described comprising a casing to be inserted in and enclosed by a container, a reticulated metallic member mounted across an open end of said casing, a cloth strainer mounted outward of said member, and a perforated cover mounted over said member and strainer, said member and cover forming reinforcing means for said strainer, and said member and strainer and cover being readily removable and separable in order to be cleaned.

1,574,022. WINDSHIELD. EDWARD R. BUCHANAN, Pittsburgh, Pa. Filed Aug. 23, 1922. Serial No. 583,741. 8 Claims. (Cl. 296—84.)



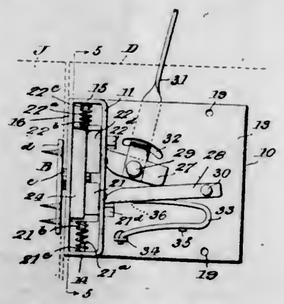
7. A frame, a windshield, and means detachably connecting said shield to said frame, said means comprising a bearing block detachably mounted in said frame, one end of said shield being rotatably connected to said block and yielding means holding said block in its normal position in said frame.

1,574,023. LATCH OR KEEPER MEANS. EDWIN CROMPTON and CHARLES L. CROOKS, Pueblo, Colo., assignors to The Positive Lock Company, Pueblo, Colo., a Corporation of Colorado. Filed Oct. 12, 1921. Serial No. 507,190. 27 Claims. (Cl. 292—24.)



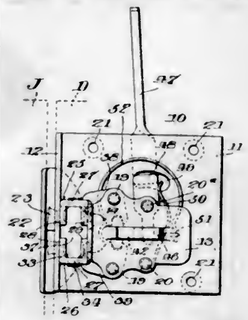
1. The combination, with a bolt, of clamping members acting substantially at right angles to one another adapted when the bolt is moved between the same to automatically engage the bolt and substantially prevent rattling thereof.

1,574,024. LATCH. EDWIN CROMPTON and CHARLES L. CROOKS, Pueblo, Colo., assignors to The Positive Lock Company, Pueblo, Colo., a Corporation of Colorado. Filed Oct. 5, 1922. Serial No. 592,497. 20 Claims. (Cl. 292—25.)



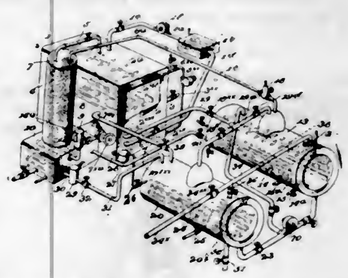
1. The combination with a bolt, of latch members separable one from the other and adapted to receive a bolt therebetween, and means for operating said latch members comprising opposed members pivoted to swing transversely of the latch members.

1,574,025. LATCH. FRANCIS M. VANDERVOORT, Pueblo, Colo., assignor to The Positive Lock Company, Pueblo, Colo., a Corporation of Colorado. Filed Nov. 8, 1923. Serial No. 673,532. 28 Claims. (Cl. 292—45.)



1. Latch means comprising latch members separable one from the other and adapted to receive a bolt therebetween, opposed members pivoted to swing transversely of said latch members for operating said latch members, and slidable means engaging and operating said opposed members.

1,574,026. PROCESS FOR MAKING PAPER PULP. FREDERICK K. FISH, Jr., Windsor Mills, Canada, assignor to Wood Products & By Products Corporation, a Corporation of Nevada. Filed Nov. 5, 1920. Serial No. 421,970. Renewed May 22, 1925. 15 Claims. (Cl. 92—2.)



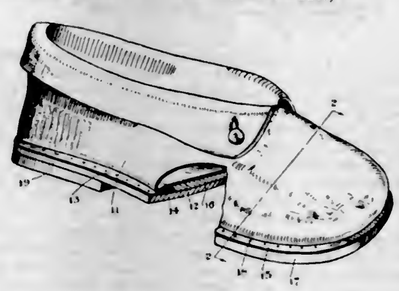
1. The process of making paper pulp from plant substances, consisting in subjecting the plant substance to a heated medium containing added volatile extractives from the plant substance, then submerging the plant substance in superheated liquid charged with volatile extractives of the plant substance, then removing the liquid from around the plant substance, and thereafter further digesting the plant substance in a separate chemical solution.

1,574,027. RAILWAY SWITCH. FRANK M. FREEBURG, Philadelphia, Pa. Filed Apr. 25, 1925. Serial No. 25,807. 30 Claims. (Cl. 246—432.)



2. In a railway switch, the combination of a main rail, a branch rail leading therefrom, a vertically and longitudinally movable switch rail adapted to control the passage of a car wheel relatively to the main rail and the branch rail, and a member pivotally associated with the switch rail adapted for swinging the switch rail in a vertical plane into the raised and lowered positions relatively to said rails.

1,574,028. CUSHION SOLE. HARVEY J. GRABER, Kitchener, Ontario, Canada. Filed Dec. 12, 1923. Serial No. 680,204. 1 Claim. (Cl. 36—117.)



An article of foot wear comprising an upper having inturned bottom edges, an insole having inturned bottom edges coinciding with the edges of the upper and resting upon the latter, a narrow leather welt, underlying the upper with its inner edges coinciding with the edges of the upper and the insole, a row of vertical stitching joining the upper, insole and welt near said edges, a felt cushion fitted snugly in the space bounded by the edges of the upper, welt and insole, and underlying the latter, and an outer sole cemented to the welt and to the underside of the cushion and a row of vertical stitching passing through the welt and outsole and positioned between the wall of the upper and the outer edge of the welt.

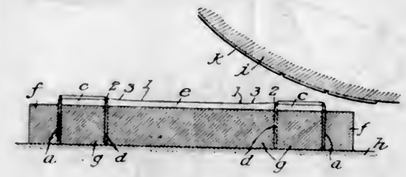
1,574,029. LOCOMOTIVE FIRE BOX. CHARLES GILBERT HAWLEY, Chicago, Ill., assignor to Locomotive Fire-Box Company, Chicago, Ill., a Corporation of Delaware. Filed May 13, 1922. Serial No. 560,655. 3 Claims. (Cl. 122—68.)



1. In combination with a locomotive fire box having a stay bolted crown sheet provided with an elongated opening therein, between adjacent rows of the stay bolts, a thermic siphon positioned in the fire box and having a flangeless top end extending through said opening and beyond the top surface of the crown sheet and to which said flangeless top end of the siphon is autogenously welded.

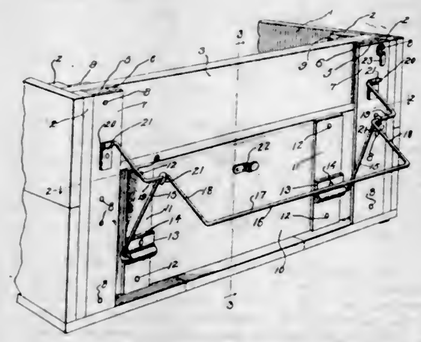
1,574,030. BOX-BLANK CUTTING AND SCORING FORM AND METHOD OF PREPARING THE SAME. CHARLES G. HAYES, Chicago, Ill., assignor to Chicago Carton Company, Chicago, Ill., a Corporation of Illinois. Filed June 7, 1924. Serial No. 718,425. 8 Claims. (Cl. 93—58.)

1. A folding-box-blank cutting and scoring form for cylinder presses, comprising margin and flap-forming knives, and relatively high and low, transverse and longitudinal score-forming rules, the latter having end sections



gradually increasing in height to substantially that of the transverse rules, substantially as described.

1,574,031. END GATE. FRED J. HECHT, Lytton, Iowa. Filed Aug. 27, 1925. Serial No. 52,867. 1 Claim. (Cl. 296—52.)

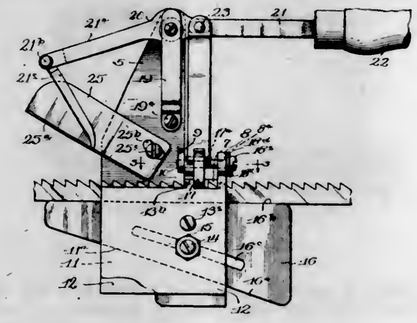


An end gate comprising an upper section, vertical supports beneath the end portions of said upper section with their upper ends engaging the lower edge thereof, said supports defining a discharge opening, bars extending along the outer faces of said supports and across said upper section in spaced relation to the ends thereof, bracing strips extending along the inner faces of said supports and across the end portions of said upper section, strips extending along the inner and outer faces of said bars and projecting beyond the inner side edges thereof and cooperating therewith to form tracks, said upper section, supports, bars and strips being secured together to form a unitary structure, a lower section slidably mounted between said bars and the projecting portions of said inner and outer strips for vertical movement into and out of closing relation to the discharge opening, and means for moving said lower section into and out of a closed position.

1,574,032. SAW SET. SOREN HERNES, Chicago, Ill. Filed July 18, 1925. Serial No. 44,483. 10 Claims. (Cl. 76—63.)

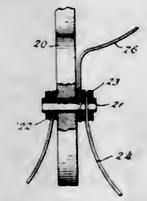
2. A saw-set comprising a plurality of oppositely moving bending members in combination with a mounting provided with a slot to receive and locate the saw in

coactive relation with said bending members, and an operating lever linked to said bending members, said



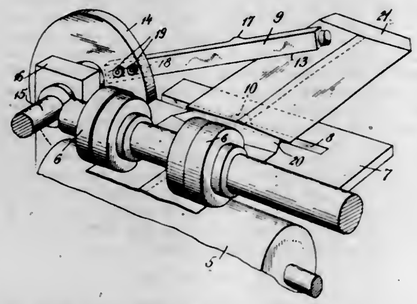
operating lever being extended beyond its pivoted mounting and provided with a pawl for feeding the teeth of the saw, to be operated upon, to the bending members.

1,574,033. VIOLIN TONE VIBRATOR. ISIDOR HESSEL, Brooklyn, N. Y. Filed June 5, 1923. Serial No. 643,521. 5 Claims. (Cl. 84—294.)



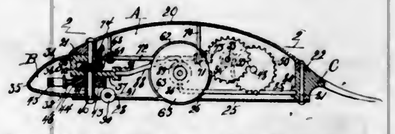
1. The combination with a violin or the like, of a plurality of coils of spring wire mounted within the sounding box and means to secure one end of said coils to the sounding box comprising a hollow metallic tube to which outer end of said coils is secured while the inner end of said coils is free to vibrate.

1,574,034. ENVELOPE MACHINE. GEORGE FRANCIS HOGAN, Chicago, Ill. Filed Feb. 14, 1923. Serial No. 618,912. 4 Claims. (Cl. 93—33.)



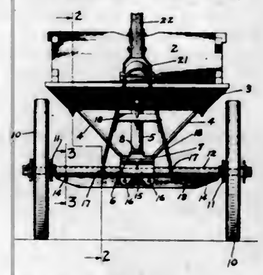
1. In an envelope machine, the combination of means for advancing a continuous web through the machine and severing means having two cutting edges in spaced relation to simultaneously shear the web, one of the cutting edges having a projection adapted to notch the web.

1,574,035. TOY. JOHN HOLTZMAN, New York, N. Y., assignor of one-half to Max E. Bernhardt, New York, N. Y. Filed Apr. 3, 1922. Serial No. 549,321. 8 Claims. (Cl. 46—45.)



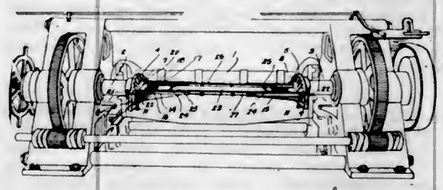
1. In a toy the combination of a body portion, a motor in the body portion, a head with openings pivoted to the body portion, a tail pivoted to the body portion, a spool having a cam groove and a pair of rollers journaled in the body portion, said rollers extending out of said body portion, connections between the motor and said spool to turn the said rollers and thereby move the toy, an element extending from the head coacting with said cam groove to move said head, an element extending from the tail coacting with said cam groove to move said tail, a disc with an abrasive material journaled in the toy, a sparking material bearing against said material and means interposed between the motor and said disc to turn the latter and thereby generate sparks from the sparking material, said sparks being discharged through the openings in the head.

1,574,036. WAGON AXLE. ARTHUR O. HUBBARD, Minneapolis, Minn.; Nellie H. Hubbard, executrix of said Arthur O. Hubbard, deceased, assignor to Puffer-Hubbard Manufacturing Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Apr. 14, 1922. Serial No. 552,470. 5 Claims. (Cl. 301—129.)



5. The combination with an axle, of a plate of sheet metal folded around the axle and having its abutting edges secured together to form a longitudinal truss flange to resist downward thrust on the axle and a block seated on said plate and having a depending web secured to said flange below said axle.

1,574,037. OFFSET CHUCK AND ADJUSTABLE STAY LOG. CLARENCE A. KESSLER, Kansas City, Mo., assignor to Penrod Walnut & Veneer Company, Kansas City, Mo., a Corporation of Missouri. Filed Aug. 2, 1924. Serial No. 729,820. 2 Claims. (Cl. 144—214.)



1. In combination, a veneering machine including chuck spindles, chucks on the spindles having radial recesses, brackets having lugs in the recesses, slotted wings on

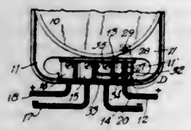
the side edges of the brackets, radial adjusting screws in the chucks in threaded engagement with the lugs, bolts passing through the slots into the chucks, and a stay log supported by the brackets.

1,574,038. SHELF AND DRAWER SUPPORT. CHARLES E. KEW, Chicago, Ill. Filed July 1, 1925. Serial No. 40,798. 2 Claims. (Cl. 45—77.)



2. In combination with a casing to receive a drawer provided with spaced recesses in a common plane, a drawer and a support having studs adapted to enter said recesses and spring connections extending between said studs formed to create tension between said studs and the respective recesses with which they are assembled, said spring connections being bowed to create pressure between said drawer and said casing.

1,574,039. THEFTPROOF DEVICE FOR WATT HOUR METERS. FRANK A. KOLB, Hammond, Ind., assignor of one-half to Morse Dellplain, Hammond, Ind. Filed May 23, 1924. Serial No. 715,398. 12 Claims. (Cl. 171—34.)



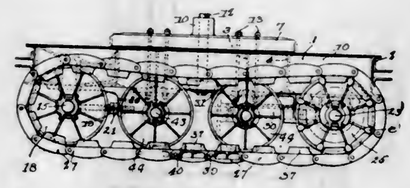
1. In an electric meter, a device of the character described comprising a bushing with terminal members therein insulated from each other, and means for connecting one of said members to a point in said meter of different potential than the other of said terminal members, to prevent theft of current from said meter.

1,574,040. DRILL. ALFRED W. LASHER, Oakland, Calif. Filed Nov. 13, 1924. Serial No. 749,710. 10 Claims. (Cl. 255—4.)



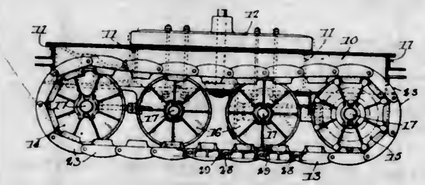
1. A drill of the character described, an annular chamber, means for causing the latter to travel downwardly with the drill and means for discharging material from the bottom of the said chamber to the outside thereof for building up a lining in the hole drilled during the drilling operation, the said chamber having means associated therewith allowing water to circulate therethrough to the bottom of the hole without coming in contact with the lining material.

1,574,041. CREEPING TRACTION MECHANISM. SVANTE R. W. M. BAGER and WERNER LEHMAN, South Milwaukee, Wis., assignors to Bucyrus Company, South Milwaukee, Wis., a Corporation of Wisconsin. Filed Feb. 7, 1921, Serial No. 443,164. Renewed Jan. 21, 1926. 7 Claims. (Cl. 180—9.1.)



1. In a creeping traction mechanism, a supporting frame including a pair of side bars, a plurality of transverse connecting bars, a superstructure track mounted on said bars, and tie bolts extended through said track and engaged with certain of said transverse bars, brackets extending outwardly of the side bars of the frame and having their inner ends secured by said tie bolts, said ends forming tie plates for the latter, supporting axles carried by the frame and having their ends extended beyond the side bars, endless tread belt receiving wheels on the ends of the axles, an endless tread disposed around each cooperating pair of wheels, and rollers on said brackets for engaging intermediate stretches of the belts.

1,574,042. CREEPING TRACTION TREAD AND COOPERATING TUMBLER. SVANTE R. W. M. BAGER and WERNER LEHMAN, South Milwaukee, Wis., assignors to Bucyrus Company, Milwaukee, Wis., a Corporation of Wisconsin. Original application filed Feb. 7, 1921, Serial No. 443,164. Divided and this application filed Oct. 10, 1921, Serial No. 506,630. Renewed Oct. 31, 1925. 7 Claims. (Cl. 305—8.)

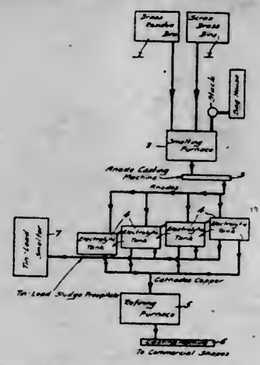


5. In a creeping traction mechanism the combination of a tread belt comprising a series of connected links, each comprising an integral casting having a relatively broad tread surface, a relatively narrow flat centrally disposed wheel engaging surface and upstanding wheel guiding flanges, load sustaining wheels disposed between said flanges, a driving tumbler disposed between said flanges, and lateral lugs on said tumbler disposed for driving engagement with said flanges.

1,574,043. PROCESS FOR THE SEPARATION AND RECOVERY OF THE COPPER, TIN, AND LEAD CONTENT OF BRASS OR BRONZE SECONDARY METALS AND THEIR RESIDUES. TANNIE LEWIN, St. Louis, Mo., assignor of one-half to William Lewin, St. Louis, Mo. Filed Aug. 24, 1925. Serial No. 52,220. 8 Claims. (Cl. 204—57.)

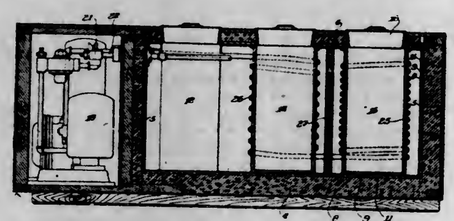
1. The process of treating brass or bronze secondary metals or their residues for the separation and recovery of their copper content, which comprises treating the

material to effect removal of both its iron content and its nonmetallic and other impurities, then casting the remaining material directly into forms adaptable for use



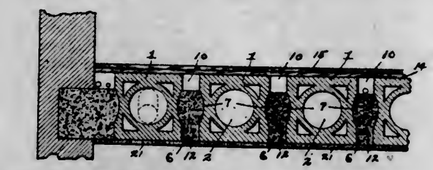
as anodes, and then utilizing the same as anodes in an electrolytic bath, whereby the copper content is electrolytically extracted and deposited upon the cathodes.

1,574,044. HEAT-EXCHANGE APPARATUS. CARL E. L. LIPMAN, Beloit, Wis., assignor to Lipman Refrigeration Company, Beloit, Wis., a Corporation of Delaware. Filed Jan. 21, 1924. Serial No. 687,465. 4 Claims. (Cl. 257—22.)



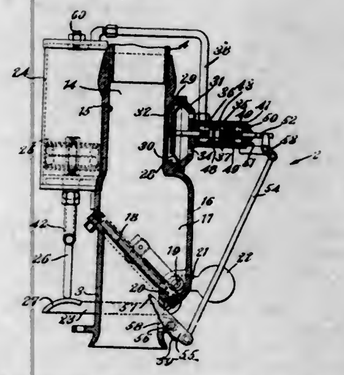
2. A heat exchange apparatus comprising a cast metal shell shaped to provide a plurality of chambers in contiguous relation each adapted to contain produce to be cooled and being peripherally grooved, and a refrigerating coil having convolutions about said shell wound in said grooves.

1,574,045. FLOOR, CEILING, AND ROOF CONSTRUCTION. WILLIAM MCILROY, Springfield, Ohio, assignor of two-fifths to Daniel Maloney, Springfield, Ohio. Filed Dec. 13, 1923. Serial No. 680,372. 3 Claims. (Cl. 72—66.)



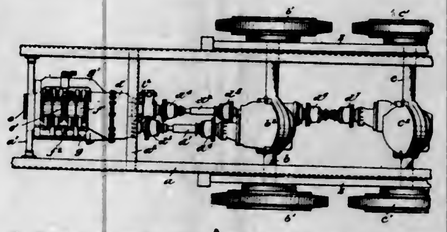
1. In a structure of the character described, the combination of precast blocks and a concrete filling formed between said blocks containing an excess amount of water, the blocks being substantially rigid but of such cellular character as to be capable of conducting from the concrete filling and through the block any excess amount of water at a rate such that in the predetermined time required for the concrete to set sufficient excess water will be removed from the concrete to improve the strength and character of the beam.

1,574,046. PNEUMATIC-DISPATCH APPARATUS. JAMES G. MACLAREN, Syracuse, N. Y., assignor to The Lamson Company, Syracuse, N. Y., a Corporation of Massachusetts. Filed Jan. 23, 1925. Serial No. 4,215. 13 Claims. (Cl. 243—28.)



8. In a pneumatic dispatch apparatus, a tube terminal device including a normally closed inlet valve biased to move to open position, pneumatic means normally retaining the valve in closed position, controlling means including an auxiliary valve and a trip member, the trip member being actuable by a carrier inserted in the terminal device to shift the auxiliary valve thereby causing the pneumatic means to release the inlet valve and permit it to open, and spring means operative to restore the auxiliary valve to normal position when the carrier moves out of engagement with the trip member thereby to cause the inlet valve retaining means to return to normal position after a predetermined period of time.

1,574,047. DRIVE FOR MOTOR VEHICLES. GABRIEL MIDBOE, Brooklyn, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Feb. 29, 1924. Serial No. 695,891. 5 Claims. (Cl. 180—22.)

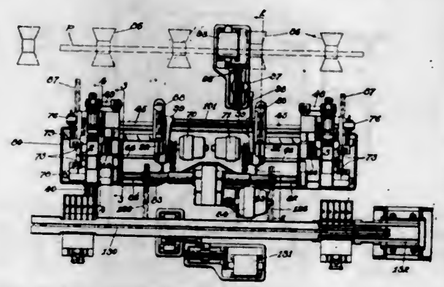


1. In a dual rear axle drive, a differential mounted upon the chassis, differentials mounted upon the respective rear axles, propeller shafts between the respective rear and the first mentioned differentials, means in the forward rear differential housing providing a journal for the rear propeller shaft and means in the respective propeller shafts for permitting relative movement between the respective differentials.

1,574,048. PIPE-CUTTING MACHINE. ERIK W. MIKAELSON, Easton, Pa., assignor to Treadwell Engineering Company, Easton, Pa., a Corporation of Pennsylvania. Filed Feb. 8, 1922. Serial No. 534,909. 56 Claims. (Cl. 82—2.)

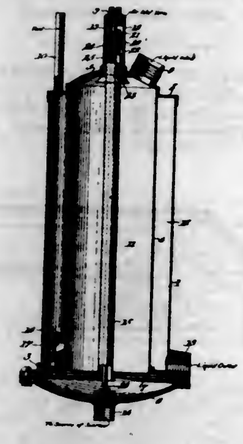
1. A pipe cutting machine comprising, in combination, tools for simultaneously cutting off opposite ends of a length of pipe, means for holding a length of pipe for

said cutting operation, mechanism for presenting lengths of pipe one at a time to said holding means, mechanism for ejecting the lengths of pipe from said holding means



after the ends of the pipe have been cut off, and automatic means for relatively moving said tools and said holding means to effect said cutting operation.

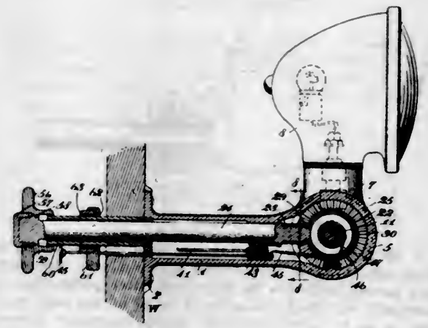
1,574,049. VACUUM FUEL-FEEDING APPARATUS. HENRY A. MILLER and ROBERT H. RHOADES, New York, N. Y., assignors to Vaco Manufacturing Corporation, New York, N. Y., a Corporation of Delaware. Filed Feb 11, 1924. Serial No. 692,085. 9 Claims. (Cl. 103—236.)



1. A vacuum fuel feeding apparatus, comprising a liquid fuel receiving chamber, means to create a vacuum in said chamber and to break said vacuum, and a liquid fuel delivery chamber surrounding the receiving chamber, a valve arranged at the lower end of the receiving chamber and opening by hydrostatic pressure to establish communication between the two chambers, a liquid outlet from the delivery chamber, and a base on which these chambers are erected.

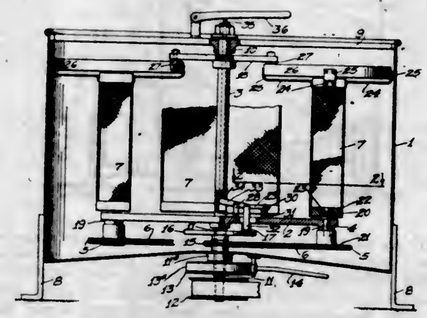
1,574,050. AUTOMOBILE SPOTLIGHT. HUGH E. MONTGOMERY, Chicago, Ill. Filed Mar. 31, 1924. Serial No. 703,203. 17 Claims. (Cl. 240—61.)

1. A spotlight comprising a lamp, a standard by which it is carried, a fixed standard upon which the lamp standard is movably mounted, a single operating shaft, a lamp shaft having a pinion, a ring having a gear with which it constantly meshes, a clutch engageable with the same gear teeth to keep the gear from turning, a second gear on said ring engaged by a pinion on the operating shaft, means by which the clutch is keyed to the movable standard causing a rocking of the standard



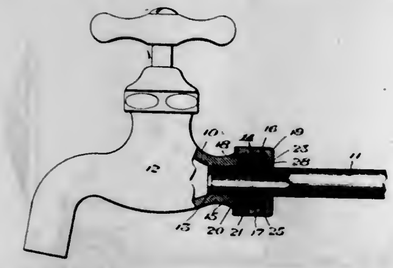
and lamp in one plane upon mere turning of the operating shaft, and means by which the clutch is displaced to disengage the first teeth upon pushing the operating shaft, subsequent turning of the shaft revolving the lamp independently on the movable standard through the ring and first mentioned pinion.

1,574,051. HONEY EXTRACTOR. GEORGE L. MORRIS, Bonsall, Calif. Filed Dec. 15, 1921. Serial No. 522,674. 3 Claims. (Cl. 210—65.)



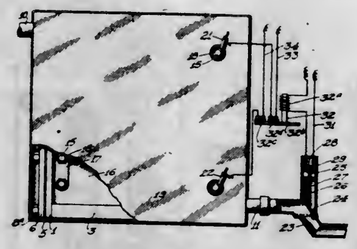
1. A honey extractor, consisting of a case, honeycomb cages revolubly mounted in said case, means for whirling said cages in an orbit, means for rotatably mounting said cages on said means for whirling said cages, means for rotating said cages relative to their orbit of revolution, means for stopping the rotation of said cages and holding them tangential to their orbit comprising sprocket wheels operatively connected with said cages, a sprocket wheel operatively connected with said means for whirling, a brake operatively connected with said last named sprocket wheel, a clutch releasably connecting said means for whirling with said last-named sprocket wheel, and a sprocket chain operatively connecting said first-named sprocket wheels with said last-named sprocket wheel.

1,574,052. SLIP-JOINT COUPLING. PHILIP MUELLER, Decatur, Ill., assignor to Adolph Mueller, trustee, Decatur, Ill. Filed Nov. 12, 1919. Serial No. 337,486. 6 Claims. (Cl. 285—166.)



1. In a slip joint coupling, an outer pipe member, an inner pipe member, and a ring between said pipe members having means on its inner and outer peripheries for positively engaging the opposed walls of the pipe members so as to prevent relative rotary movement between said pipe members.

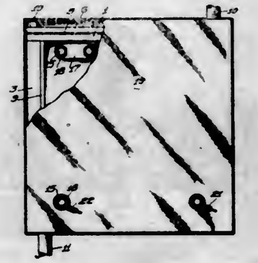
1,574,053. ELECTRIC WATER HEATER. SAMUEL D. NESMITH, San Diego, Calif., assignor, by direct and mesne assignments, of thirty per cent to A. S. Bridges, San Diego, Calif.; ten per cent to Roger Welles, ten per cent to R. R. Richardson, two per cent to E. J. Callahan, Guadalajara, Mexico; five per cent to J. B. Osborn, San Diego, Calif.; five per cent to (Mrs.) Kathryn Osborn, five per cent to J. H. Bulmer, San Diego, Calif.; and thirty-three per cent to (Mrs.) Mary E. Nesmith (wife), San Diego, Calif. Filed Oct. 8, 1923. Serial No. 667,221. 9 Claims. (Cl. 219—39.)



1. An electric water heater, including separate spaced apart vertical supporting members, a plurality of water tubes extending between and through said supporting members, and end members positioned on the outer sides of said supporting members, and extending across the end of all of said tubes, there being provided hollow portions between said supporting and said end members for connecting the ends of certain of said water tubes with each other.

1,574,054. ELECTRIC WATER HEATER. SAMUEL D. NESMITH, San Diego, Calif., assignor, by direct and mesne assignments, of thirty per cent to A. S. Bridges, five per cent to J. B. Osborn, five per cent to (Mrs.) Kathryn Osborn, five per cent to J. H. Bulmer, thirty-three per cent to (Mrs.) Mary E. Nesmith, all of San Diego, Calif.; two per cent to E. J. Callahan, Guadalajara, Mexico.; ten per cent to Roger Welles and ten per cent to R. R. Richardson. Filed Feb. 11, 1924. Serial No. 691,953. 7 Claims. (Cl. 219—39.)

1. An electric water heater, including spaced apart horizontal supporting members, a plurality of flattened vertical water tubes extending between and through said supporting members, and other members positioned on the outer sides of said supporting members, there

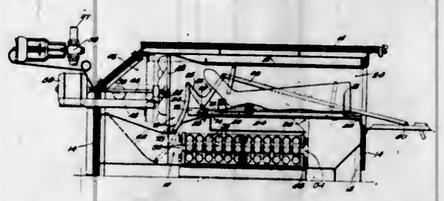


being provided continuous hollow portions between said supporting and said other members for connecting the ends of all of said water tubes with each other.

1,574,055. FABRICATION OF METAL SHEETS BY ELECTRODEPOSITION. ARTHUR Z. PEDERSEN, West Orange, N. J., assignor to Madsenell Corporation, New York, N. Y., a Corporation of New York. Filed May 15, 1920. Serial No. 381,557. 10 Claims. (Cl. 204—14.)

1. The method of making a plurality of separable sheets of an anodically corrosive metal by electrodeposition which comprises reversing the direction of the flow of current between successive depositions.

1,574,056. METHOD OF DRYING HOSIERY. EARLE C. POWERS, Stratford, N. J., assignor to B. F. Sturtevant Company, Boston, Mass., a Corporation of Massachusetts. Filed Apr. 12, 1922. Serial No. 552,013. 8 Claims. (Cl. 34—24.)

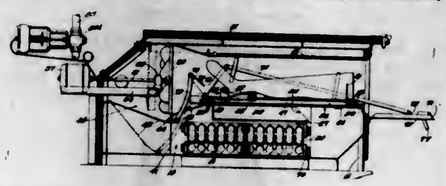


5. The method of drying hosiery and the like which consists in providing a circulating flow of drying air, dividing such flow for a portion of its circulation into a plurality of separated streams, subjecting lots of hosiery one to each of the streams, cutting off the flow of each stream successively and replacing each lot successively while the other lots are being subjected to the other streams, and simultaneously withdrawing a portion of the air and introducing fresh air into each separated stream while the lot of hosiery for such separated stream is being replaced.

1,574,057. HOSIERY DRIER. EARLE C. POWERS, Stratford, N. J., assignor to B. F. Sturtevant Company, Boston, Mass., a Corporation of Massachusetts. Filed Apr. 12, 1922. Serial No. 552,014. 37 Claims. (Cl. 34—40.)

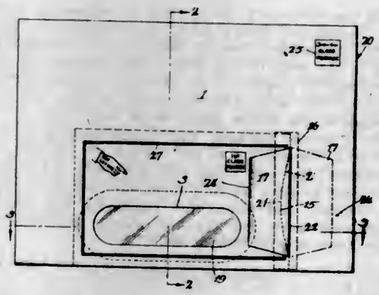
36. A hosiery drier comprising a cabinet having a horizontal partition forming an upper drying compartment and a lower heating chamber, the partition being interrupted at its front and rear to form front and rear passages for the circulation of air, a fan for circulating

the air, heating means in the heating chamber, a door in the drying compartment adjacent the front air passage and means movable into and out of the drying compartment when the door is open for supporting the hosiery,



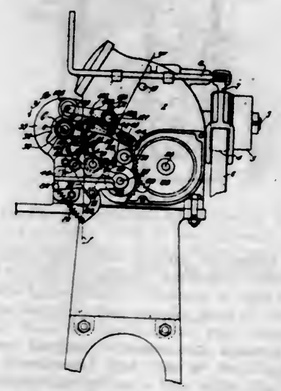
said means when in position within the drying compartment overlying the front air passage and having its bottom open at its front end to permit the passage of air therethrough and through the front air passage.

1,574,058. DUPLEX MAILING ENVELOPE. JOHN C. REDINGTON, Quincy, Ill., assignor to Du-Plex Envelope Corporation, Quincy, Ill., a Corporation of Illinois. Filed Dec. 24, 1923. Serial No. 682,373. 5 Claims. (Cl. 229—72.)



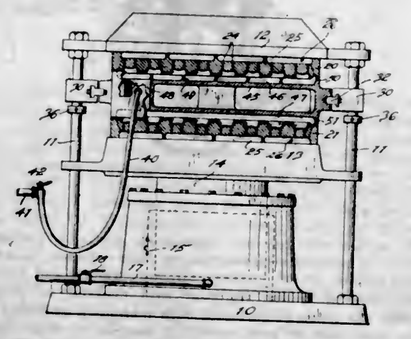
1. That improvement in duplex envelopes which contemplates sufficient enlargement and special formation and location of the small compartment sealing flaps thereof, when a plurality of such envelopes are arranged in a row in overlapping relation to permit moistening thereof by wiping a sponge over the row of flaps, comprising means forming a plurality of compartments, one of said compartments being relatively small and within the area of the larger compartment, the smaller compartment being formed upon the inner surface of the front wall of the larger compartment, and a sealing flap of substantial length on the face of the envelope for the smaller compartment, which flap is of sufficient size and location to extend close enough to the edge of the envelope to permit several envelopes of this kind to be arranged in overlapping relation with the adhesive sides of their sealing flaps exposed and facing upward, and with the back or non-adhesive side of each flap facing downward but raised a distance from the address side of its allotted envelope, so that the free edge of each flap is nearer the edge of its envelope than the entrance to the smaller compartment, whereby the flaps which are larger than is necessary for merely sealing purposes may all extend in the same direction in said row and in sufficiently raised position for wiping lengthwise of the envelopes and parallel with the addresses thereof to moisten the adhesive sides of the flaps, by means held in one hand while the other hand is pressed down on the envelopes at one side of the line of wiping motion, with the flaps thereby close together to minimize the wetting of the front surface of the envelopes during the operation of wiping the said flaps thereof, the envelopes presenting a substantial area forming a wide margin at one side of said row of flaps, upon which to exert pressure to hold the envelopes down while wiping the flaps, thereby preventing any obstruction to or interference with the wiping motion, and whereby the envelopes are filled and wiped and closed and stamped without turning them around, each flap when sealed adhering directly to said front wall of the larger compartment, which is the front wall of the envelope itself.

1,574,059. COIL-WINDING MACHINE. CHARLES D. REYNOLDS, Cranston, R. I., assignor to Universal Winding Company, Boston, Mass., a Corporation of Massachusetts. Filed Jan. 14, 1924. Serial No. 686,170. 37 Claims. (Cl. 242—10.)



1. In a coil-winding machine, the combination with the winding-mandrel and means for guiding the conductor onto the mandrel, of means for inserting sheets of insulating-material into the coil at intervals of the winding comprising a pair of feed-rolls between which the insulating-material feeds, one of said rolls being continuously driven from the winding mechanism of the machine, and means controlled from the winding mechanism to cause the paper to be periodically gripped between and fed by the rolls at predetermined intervals of the winding.

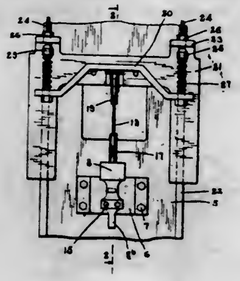
1,574,060. METHOD FOR MAKING HOLLOW RUBBER ARTICLES. FRED THOMAS ROBERTS, Philadelphia, Pa., assignor to Paramount Rubber Consolidated, Inc., Tuckahoe, N. Y., a Corporation of Delaware. Filed July 8, 1921. Serial No. 483,285. 17 Claims. (Cl. 18—56.)



1. The method of making hollow articles of plastic material comprising seating sheet stock in mold cavities and against an adjacent portion of the mold around the cavities by fluid pressure higher than atmospheric which

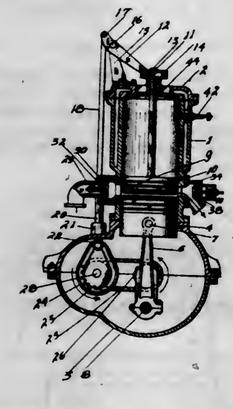
is exerted uniformly on the stock opposite the cavities and opposite such adjacent regions, thereafter removing such pressure and joining such stock while it is still seated to other stock.

1,574,061. AUTOMATIC NAILING DEVICE. JOHN ALBRECHT, Kewaunee, Wis. Filed Oct. 3, 1921. Serial No. 504,907. 1 Claim. (Cl. 1—10.)



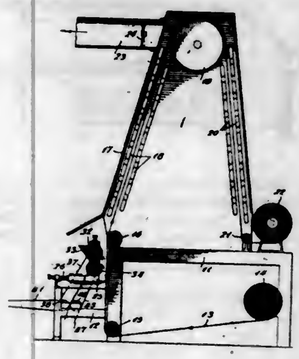
In an automatic nailing device the combination of a reciprocating cross-head having a pair of overhanging apertured lugs, a hammer, a transversely extending member secured to said hammer and provided with apertures in alignment with the apertures in said lugs, bolts extending through the respective aligned apertures, said bolts being fixed to said lugs respectively, a collar on each of said bolts, and a spring surrounding each bolt interposed between the collar thereon and said member, for the purpose specified.

1,574,062. TWO-CYCLE GAS ENGINE. RUDOLPH J. BOEHMER, Portland, Oreg. Filed Oct. 5, 1922. Serial No. 592,655. 1 Claim. (Cl. 123—65.)



In a two-cycle internal combustion engine, a cylinder, a pair of pistons reciprocating in said cylinder, packing rings carried by said pistons, circular exhaust and intake ports located in the walls of said cylinder at points within the range of travel of both pistons, a plurality of bars positioned in said ports and secured at their opposite ends to the cylinder to extend in the direction of travel of the pistons whereby damage to said rings while passing the ports will be eliminated, and means for actuating said pistons.

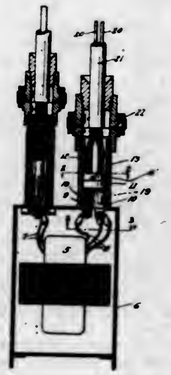
1,574,063. METHOD AND MACHINE FOR DECORATING FABRICS. ERNEST CADGÈNE, Englewood Cliffs, and GEORGE DUPONT, Paterson, N. J. Filed May 16, 1925. Serial No. 30,652. 20 Claims. (Cl. 101—114.)



1. In the textile art, the method of implanting a decorative composition upon a fabric which consists in spraying the composition toward said fabric, interposing a stencil in the path of the spray, and continuously moving said stencil relative to the fabric to present different portions of the stencil to the spray to vary the characteristics of the design produced on the fabric.

6. In a textile machine, the combination of a roller to which a composition is fed, means for removing the composition from said roller and projecting the same in the form of a spray on to a fabric to produce a stipple effect thereon, and means for regulating the distance between said fabric and the first named means to vary the character of said stipple effect.

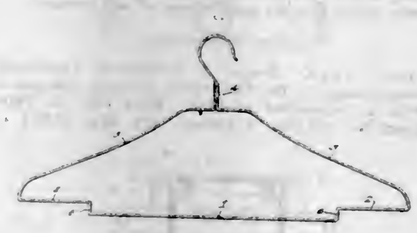
1,574,064. ELECTRICAL CONNECTION FOR TRANSFORMERS AND THE LIKE. GEORGE L. CHAMBERLAIN, Chicago, Ill. Filed July 21, 1922. Serial No. 576,564. 5 Claims. (Cl. 173—338.)



1. An electrical connection comprising one member having three slip connections thereon; a cooperating member having three mountings thereon registering with the connections on said other member; two slip connections in said mountings and cooperating with the slip connections on said other member; means facilitating the

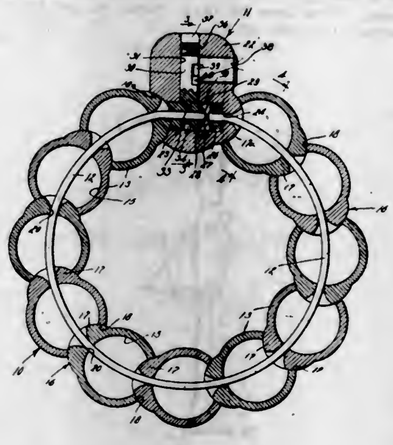
shifting of one of said slip connections from one of said mountings into the said unoccupied mounting; and means compelling association of said members always in the relation, substantially as described.

1,574,065. GARMENT HANGER. JAMES D. CONEY, Detroit, Mich., assignor to Star Service Hanger Co., Detroit, Mich., a Corporation of Michigan. Filed July 1, 1925. Serial No. 40,754. 2 Claims. (Cl. 223—62.)



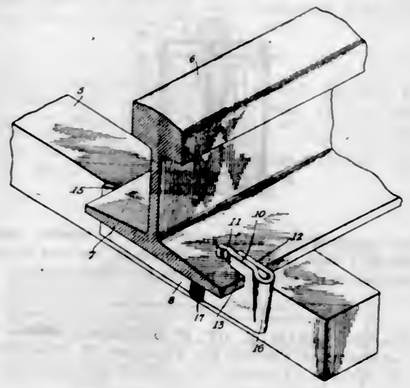
1. In a garment hanger, a single piece of wire fashioned to form shoulder portions and a suspension hook, and a transverse member connecting said shoulder portions and provided with a depressed trouser supporting portion set in from the shoulder portions so as to prevent trousers from laterally sliding in said hanger, the depressed trouser supporting portion of said transverse member being disposed in a plane parallel to the plane of the remaining end portions of said transverse member and affording a large uninterrupted opening to facilitate placing the trousers on the depressed supporting portion.

1,574,066. CHAIN. CORNELIUS J. CONNORS, Los Angeles, Calif. Filed Mar. 20, 1923. Serial No. 626,332. 3 Claims. (Cl. 152—14.)



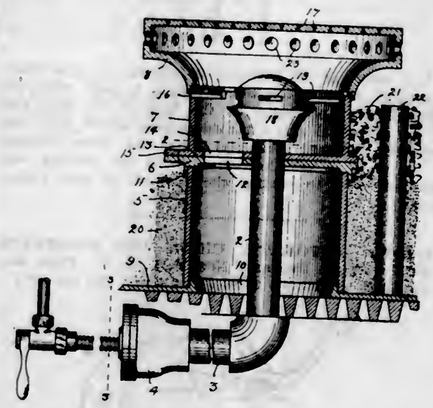
1. A chain including a tie, a plurality of hollow spherical blocks carried on the tie, and means protecting the tie at the points of joinder of the blocks.

1,574,067. ONE-PIECE RAIL ANCHOR. ADONIRAM J. COOK, Westerlo, N. Y. Filed Oct. 5, 1925. Serial No. 60,488. 5 Claims. (Cl. 238—330.)



5. A rail anchor of resilient metal having a projection at one end and two jaws at the opposite end, the metal being bent upon itself on an oblique line to bring the jaws into parallel planes with the gripping edges of the jaws disposed in oblique lines.

1,574,068. GAS BURNER. WILLIAM D. CRITES, Duluth, Minn. Filed July 18, 1924. Serial No. 726,738. 3 Claims. (Cl. 158—99.)

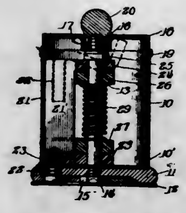


1. A gas burner of the type described comprising an upright three-part rotatably adjustable cylinder having an axial gas burner therein, portions of said cylinder being adjustable about the burner as an axis to regulate the air passing through the cylinder to the burner, the upper portion of said cylinder being outwardly flared and provided with discharge ports, some of said ports occurring below the flared portion and some above the flared portion.

1,574,069. AUTOMATIC FEED TOOTHPICK HOLDER. GEORGE DEKOFF, Chicago, Ill. Filed Apr. 18, 1925. Serial No. 24,035. 4 Claims. (Cl. 206—21.)

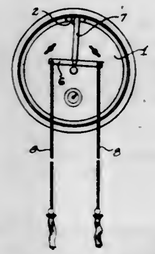
1. In an automatic feed toothpick dispenser, the combination of a round upright cup-shaped container having a cover formed with a delivery opening between the center and periphery thereof, a central fixed shaft in

said container, a fixed post formed with an abutment face underlying said opening, a fixed cam at the lower end of said abutment face, a follower formed with hinge



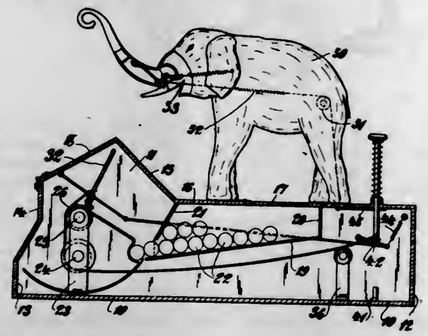
lugs mounted on said shaft, and a torsion spring encircling said shaft and anchored at one end to said post and at its other end to said follower.

1,574,070. ARTICLE OF FURNITURE. PETER DEMETROPOULAS, Chicago, Ill. Filed Nov. 15, 1924. Serial No. 750,060. 1 Claim. (Cl. 58—16.)



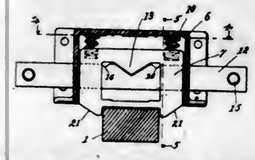
In a device of the character described, an alarm clock, a support therefor, an alarm switch in said clock, an operated lever pivoted upon the back of the clock and having a vertical arm attached to said switch lever and oppositely disposed horizontal arms, and cables attached to the ends of said horizontal arms for shifting said operated lever to control the position of said switch lever.

1,574,071. AUTOMATIC CIGAR AND CIGARETTE BOX. FRANK DVORSKY, New York, N. Y. Filed May 13, 1925. Serial No. 29,864. 1 Claim. (Cl. 211—8.)



A dispensing container comprising a casing, a figural object on the cover of said casing, said object having a single elongated member pivoted to the body, terminating in a normally coiled flexible element, means in said object to normally retain said member in a raised position, an article holding receptacle engaged in said casing, said casing having a filling door, a hinged delivery door disposed in the path of said member, means for opening said delivery door, means for delivering a single article from said receptacle to the door, a plunger operatively engaged with the delivery door opening means and with said article delivering means, operative connections between said plunger and the pivoted member of said figural object, to lower said member, means actuated by said plunger to uncoil said flexible element and thereafter permit it to engage an article on said delivery means, and means for retaining all of said parts to their initial position upon release of said plunger.

1,574,072. LOCK. ROBERT A. ENDEBROCK, Cincinnati, Ohio, assignor to The Trailmobile Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Feb. 10, 1919. Serial No. 276,108. 2 Claims. (Cl. 280—33.55.)



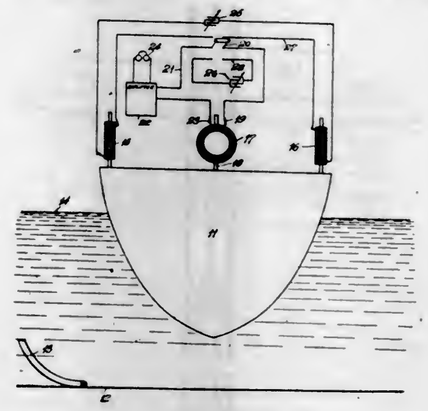
1. In a lock for trailer draft bars, in combination with a draft bar, a casing secured to the frame, a latch plate shiftable vertically in said casing to engage and lock the draft bar, springs to enforce such engagement, and a transversely shiftable operating bar mounted in said latch plate, a depending V-shaped projection on the latch plate, and a corresponding recess in the operating bar to receive said projection and to permit the springs to hold the draft bar in locked position and whereby the transverse movement of the actuating bar will shift the locking plate to release the draft bar and an additional V-shaped recess in the operating bar to engage the latch whereby the bar will be held out of operative position.

1,574,073. LOCKING DEVICE FOR SCALES. FREDERICK J. ENGLEN, Omaha, Nebr., assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed June 30, 1919. Serial No. 307,787. 12 Claims. (Cl. 265—55.)



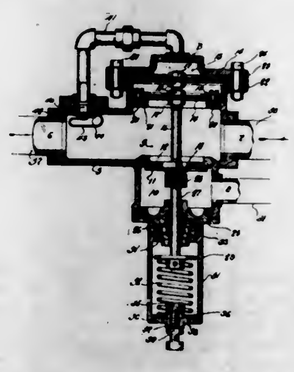
1. In a scale, in combination, weighing mechanism, including a steelyard rod, and clamping means engagable with said steelyard rod to hold said rod in any weighing position.

1,574,074. CHANNEL PILOT. REGINALD A. FESSENDEN, Chestnut Hill, Mass. Filed Mar. 21, 1921. Serial No. 454,057. 2 Claims. (Cl. 177—385.)



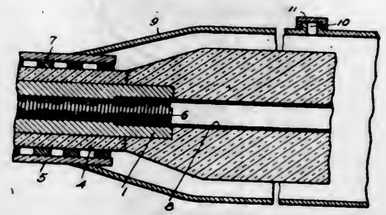
2. The method of determining the location of a current carrying cable with respect to a piloted vehicle which consists in generating at two spaced points on said vehicle currents which are in phase but opposite in direction and which preponderate in potential according as to which point is nearer to the cable, causing said currents to oppose each other in a common circuit, introducing into said circuit a potential variable in direction and amount, varying the potential so as to neutralize the preponderating effect of one coil over the other to reduce the current in the circuit to zero and producing an indication corresponding in direction and amount to the amount of change in potential required to reduce the current to zero to give a corresponding indication as to the relative position of the vehicle and cable.

1,574,075. WATER TEMPERATURE REGULATOR AND PRESSURE-CONTROL VALVE. JOSEPH C. FISCHER, Milwaukee, Wis. Filed Aug. 27, 1923. Serial No. 659,618. 10 Claims. (Cl. 236—80.)



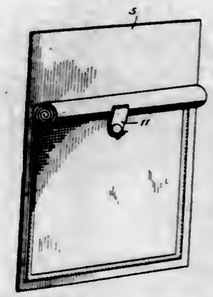
1. In a device of the character described, a member having an inlet, a main outlet and an auxiliary discharge outlet, valve means normally closing said auxiliary discharge outlet, said inlet and main outlet communicating whereby fluid may flow from the inlet to the main outlet, means in said member and sensitive to temperature changes, and means operable upon the temperature of the fluid flowing through said member exceeding a predetermined degree to open said valve means and permit the fluid to flow through said auxiliary outlet.

1,574,076. HIGH-VOLTAGE CABLE AND METHOD OF MAINTENANCE. HENRY W. FISHER, Perth Amboy, N. J., assignor to Standard Underground Cable Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Feb. 5, 1925. Serial No. 6,925. 8 Claims. (Cl. 173—264.)



1. In a cable structure the combination of a conductor, an envelope of permeable insulation surrounding the conductor, an impermeable sheath surrounding the whole, the opposite surfaces of the envelope of insulation being accessible to a stream of liquid insulating material, a conduit for liquid leading to the envelope of insulation over one of the opposite surfaces thereof, and a body of liquid insulating material under pressure filling the said envelope of permeable insulation and the approach thereto through said conduit.

1,574,077. WATERPROOF POCKET. ERNST FRANTZ, Newark, N. J. Filed Apr. 13, 1925. Serial No. 22,532. 3 Claims. (Cl. 2—252.)

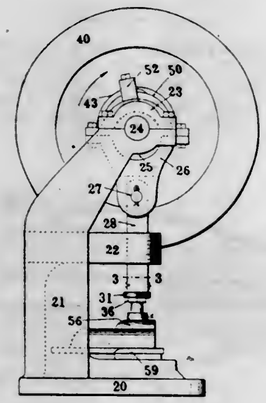


1. A pocket for garments including front and back portions, a flap formed on one of said portions, and a normally coiled resilient plate carried by said flap and extending coincident with a part of the latter portion for causing said flap and said part to normally assume a coiled condition to form a rolled closure for the opening in said pocket.

1,574,078. SHOE-WORKER'S PRESS. ALBERT F. FROUSSARD, St. Louis, Mo. Filed Mar. 14, 1924. Serial No. 699,195. 11 Claims. (Cl. 12—51.)

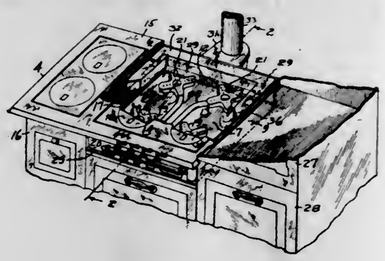
1. In a device of the class described, the combination with a plunger provided with a recess in its lower end,

of mechanism for intermittently actuating said plunger, an internally threaded collar rotatably mounted in said recess, means for preventing the longitudinal movement



of said collar relative to said plunger, a threaded stem engaging said collar, and means for preventing the rotation of said stem relative to said plunger.

1,574,079. AIR FEED AND VENT FOR CLOSED-TOP GAS STOVES. JOSEPH B. GARDNER, Oakland, Calif., assignor to Hammer-Bray Company, Oakland, Calif., a Corporation of California. Filed May 11, 1925. Serial No. 29,365. 9 Claims. (Cl. 126—39.)



1. In a stove provided with a closed top-gas-burner chamber, front and rear top-gas-burners in said chamber, means at the front and rear of said chambers, through which fresh air may be introduced into the chamber, and means through which the burned gases from said chamber may be discharged therefrom intermediate the front and rear of the chamber.

1,574,080. APPARATUS FOR PUMPING DEEP WELLS. LEROY G. GATES, Bakersfield, Calif., assignor to Standard Oil Company, San Francisco, Calif., a Corporation of California. Filed Feb. 25, 1925. Serial No. 11,483. 10 Claims. (Cl. 103—179.)

1. An apparatus for pumping wells comprising a member adapted to be positioned within a well and having a fluid passage extending therethrough; a pump separably associated with said member and adapted to draw the well fluid through said passage and to discharge it into a column of fluid extending upwardly from said member; a valve in said passage for supporting said fluid column



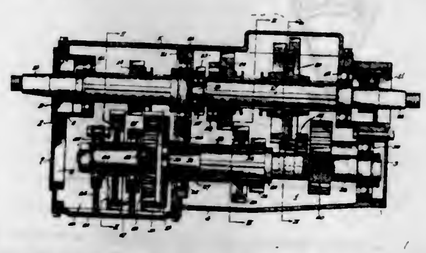
above said member when the pump is separated therefrom; and means for automatically opening said valve when the pump is associated with said member.

1,574,081. APPARATUS FOR PUMPING DEEP WELLS. LEROY G. GATES, Bakersfield, Calif., assignor to Standard Oil Company, San Francisco, Calif., a Corporation of California. Filed Feb. 25, 1925. Serial No. 11,484. 8 Claims. (Cl. 103—179.)



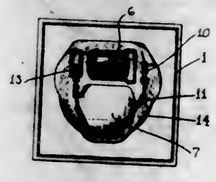
1. An apparatus for pumping oil wells, comprising a tubing string positioned within a well and adapted to conduct the pumped oil to the surface, a member connected with the lower end of said tubing string and having a substantially vertically disposed passage therethrough, supporting means carried by said member for releasably gripping the well casing, a pump separably associated with said member and adapted to draw the oil through said passage and to discharge it into said tubing string, and a valve carried by said member for supporting the column of pumped oil within said tubing string when the pump is separated from said member.

1,574,082. TWO-RANGE TRANSMISSION MECHANISM. JOHN C. HAGGART, Jr., Alma, Mich., assignor, by mesne assignments, to Detroit Patents Holding Company, Detroit, Mich., a Corporation of Michigan. Filed May 19, 1924. Serial No. 714,250. 5 Claims. (Cl. 74—58.)



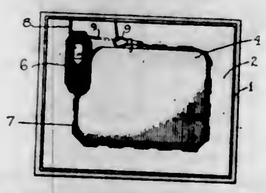
1. In a power transmission, change speed and reverse gear mechanism wherein a plurality of speeds are attainable, a gearing comprising a driven shiftable gear, drive gears, and a compound gear having internal and external gear portions, one of said drive gears meshing with the internal portion of said compound gear, and said shiftable gear being adapted to mesh with the other drive gear or the external portion of said compound gear.

1,574,083. DISPLAY RECEPTACLE. HARRY A. HAMILTON, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed Dec. 11, 1923. Serial No. 680,053. 3 Claims. (Cl. 211—28.)



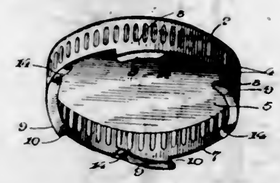
1. The combination with a box member, a post rigid with and rising from the bottom of said structure in spaced relation to the sides thereof, a base member supported on the post in spaced relation to the bottom of the box and projecting beyond the sides of the latter, and means for securing a belt buckle to said base member.

1,574,084. DISPLAY RECEPTACLE FOR A BELT SLIDE WITH AN ATTACHED CHAIN. HARRY A. HAMILTON, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed Dec. 11, 1923. Serial No. 680,054. 2 Claims. (Cl. 211—28.)



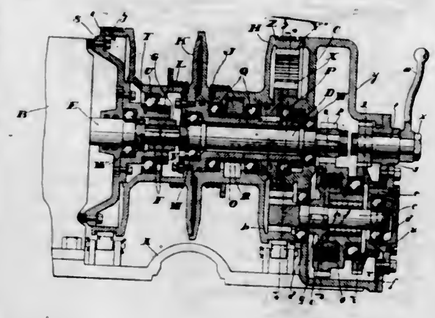
1. A display receptacle for a belt slide with chain attached, comprising a horizontal base member, a projection rigid with and rising from the base member, means for securing to the base member the free end of a chain passed about the projection, and means for securing the slide to the base member to one side of the projection.

1,574,085. METAL CAP. CHARLES HAMMER, Hollis Court Boulevard, Queens County, N. Y. Filed Feb. 2, 1925. Serial No. 6,197. 4 Claims. (Cl. 215—44.)



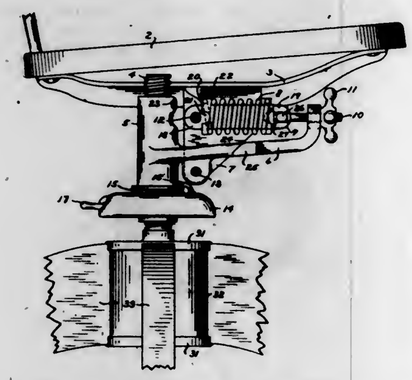
1. A metal cap or closure comprising a top having a depending skirt provided at intervals with depending wedge-shaped extensions having a part thereof bent inwardly to form inwardly extending locking lips, each inclined in the direction of its length throughout the major portion thereof with the forward entering end spaced from and below the edge of the skirt and its rear end terminating at the edge of the skirt, the rear end of a locking lip terminating in a stop face.

1,574,086. DOUBLE-DRUM HOIST. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Sept. 16, 1925. Serial No. 56,652. 3 Claims. (Cl. 254—185.)



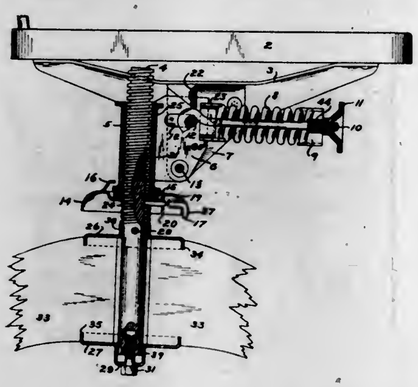
1. In a hoist, the combination of a frame, a driving shaft supported at one end by the frame, drums rotatable about said driving shaft, one of said drums supporting the other end of said driving shaft, a motor adapted to run in only one direction and connected to the driving shaft, drum drivers in the form of spur gears carried by the drums and rotatable in the same transverse plane, main drivers constantly meshing with the drum drivers, friction disc clutches associated with the main drivers, and manually operable oscillatory means for tightening one clutch to connect one of the drums with the driving shaft and simultaneously releasing the other clutch for disconnecting the other drum from the driving shaft.

1,574,087. CHAIR SPRING. OSWALD H. HANSEN, Port Washington, Wis., assignor to Gilson Manufacturing Company, Port Washington, Wis., a Corporation of Wisconsin. Filed Apr. 16, 1921. Serial No. 461,929. 12 Claims. (Cl. 155—77.)



1. A spring for tilting chairs comprising, a helical compression spring having substantially circular coils, and a tension member engaging each end coil of said spring, each of said members abutting an extreme end of said spring to prevent rotative movement of said spring about its longitudinal axis.

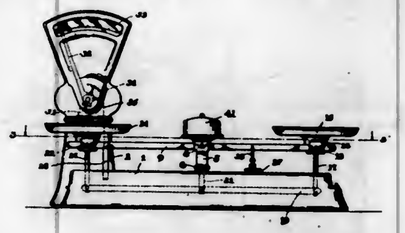
1,574,088. CHAIR. OSWALD H. HANSEN, Port Washington, Wis., assignor to Gilson Manufacturing Company, Port Washington, Wis., a Corporation of Wisconsin. Filed Nov. 28, 1921. Serial No. 518,244. 10 Claims. (Cl. 155—77.)



1. In a chair, an upright post, a yoke comprising a hub freely rotatable about said post and a plate extending away from said hub, said hub being formed in sections one of which is formed integral with said plate, and a seat supported on said plate.

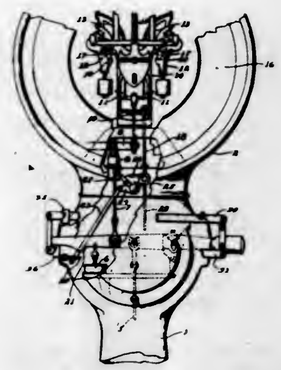
1,574,089. SCALE. CLARENCE H. HAPGOOD, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Apr. 5, 1920. Serial No. 371,403. 7 Claims. (Cl. 265—62.)

1. In a scale, in combination, a frame, a single laterally extending lever fulcrumed thereon, a commodity-receiver and a poise-receiver on said lever on opposite sides of its fulcrum, automatic load-counterbalancing mechanism connected to said lever, a chart at the rear of and facing



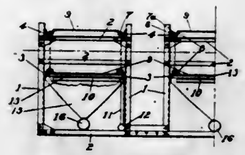
said commodity-receiver, and an indicator connected to said load-counterbalancing mechanism and movable over said chart.

1,574,090. WEIGHING SCALE. HALVOR O. HEM, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed June 13, 1921. Serial No. 477,150. 11 Claims. (Cl. 265—62.)



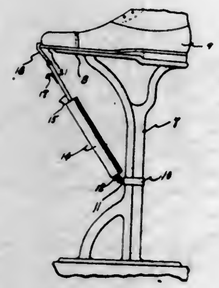
1. In a weighing scale, in combination, automatic weighing mechanism, a beam lever connected thereto, beams mounted upon said beam lever, and adjustable means for varying the height of said beams with respect to said beam lever.

1,574,091. APPARATUS FOR MAKING CARBON OR LAMPBLACK. OLIVER D. HORTON, Erie, Pa. Filed Dec. 30, 1922. Serial No. 609,815. 5 Claims. (Cl. 134—60.)



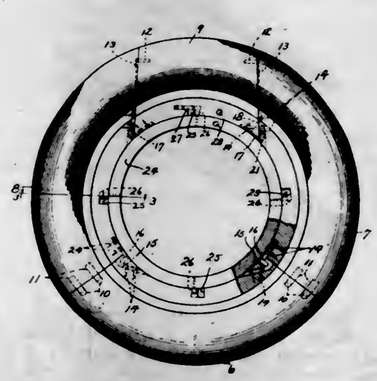
1. In a carbon or lamp black making apparatus, the combination of an endless carrier; comprising deposit surfaces; a plurality of burners directing their flame against said surfaces; and a plurality of scrapers, one scraper between each burner operating on the surfaces.

1,574,092. SHOE-PEDESTAL ATTACHMENT. VALGENE HOWARD, Flint, Mich. Filed Apr. 6, 1925. Serial No. 21,007. 2 Claims. (Cl. 15—207.)



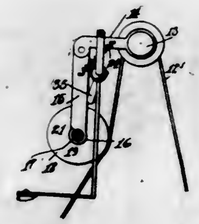
1. A shoe pedestal attachment of the class described comprising a sleeve closed at one end; a spiral spring mounted in said sleeve and having one end projected through said closed end of said sleeve said projected end having a hook formed thereon; means on said pedestal for engaging said hook in pivotal relation; a stem slidably mounted in said sleeve and attached at its inner end to the other end of said spring; a collar fixedly mounted on said stem, normally positioned in said sleeve and adapted for engaging with its periphery the inner surface of said sleeve, the outer end of said stem being bifurcated; a yoke pivotally mounted between said bifurcations, the ends of the arms of said yoke being angularly turned to form gripping members and adapted for engagement with the sole of the shoe placed on said pedestal for exerting downward pressure on said sole.

1,574,093. TIRE CORE. VICTOR H. HURT, Fort Madison, Iowa. Filed July 2, 1921. Serial No. 482,113. 10 Claims. (Cl. 18—45.)



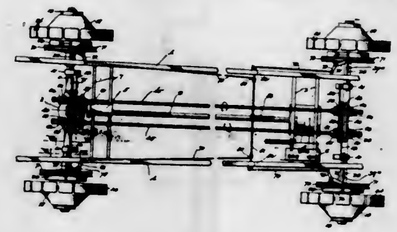
1. A tire core comprising a plurality of arc-shaped members in abutting relations, interlock hooks rigidly attached to adjacent ends of said sections locking the latter in annular form, and means disposed in adjacent ends of said arc-shaped members for restraining lateral movement of such members relative to each other at the outer periphery of said tire core.

1,574,094. WINDSHIELD CLEANER. CLYDE E. ILER, Avon, N. Y. Filed June 17, 1924. Serial No. 720,637. 1 Claim. (Cl. 74—21.)



A power transmitting device, in combination with a power shaft and its supporting bracket, of a clamp mounted on the bracket, a depending arm movably mounted on the clamp, the power shaft having a belt, a belt engageable wheel on the outer end of the depending arm, a spring between the arm and clamp whereby to normally maintain the wheel engaged with the belt, a standard adjacent the arm, a rock shaft carried by the standard, means for rocking the shaft, and a radial arm on the rock shaft disposed for engagement with the depending arm whereby to swing said arm and disengage the wheel from the belt.

1,574,095. ELECTRIC GENERATOR FOR MOTOR VEHICLES. JOHN JOKISCH, Detroit, Mich. Filed May 4, 1925. Serial No. 27,658. 8 Claims. (Cl. 180—54.)

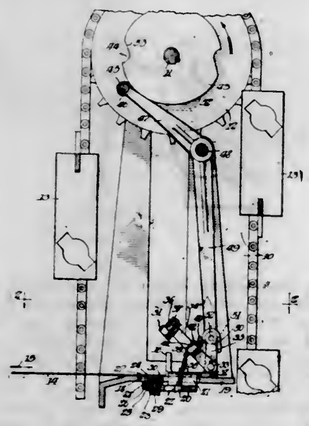


1. The combination of a vehicle chassis, front and rear axle assemblies, each axle assembly including axles, an electric motor adapted to drive the axles of the rear axle assembly, storage batteries adapted to supply electrical energy to said motor, wheels on the axles of each assembly, radially shiftable tread members carried by each wheel, a reciprocable casing in each wheel adapted to be reciprocated by movement of said tread members, an electric generator adapted to supply electric energy to said motor and storage batteries, longitudinal shafts extending from the rear axle assembly to the front axle assembly and adapted to operate said generator and ratchet mechanisms at the front and rear axle assemblies actuated by the reciprocable casings of said wheels adapted for driving said shafts.

1,574,096. PACKAGE-IDENTIFICATION APPARATUS. EMIL G. JURGENS, Chicago, Ill., assignor to Peters Machinery Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 10, 1921. Serial No. 506,623. 7 Claims. (Cl. 101—297.)

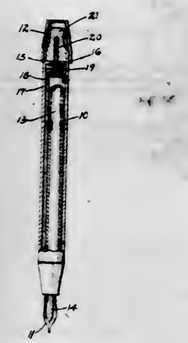
1. A carton-forming machine provided with means for forming a carton from a single blank, an anvil member

having marking devices on one face thereof and a hammer member co-acting with the operative face of said anvil



to operate upon a portion of the carton, said anvil member being equipped with changeable indicia, and means for actuating said hammer.

1,574,097. FOUNTAIN PEN. HARRY MITCHELL KOENIG, Milwaukee, Wis. Filed May 17, 1924. Serial No. 714,066. 4 Claims. (Cl. 120—46.)

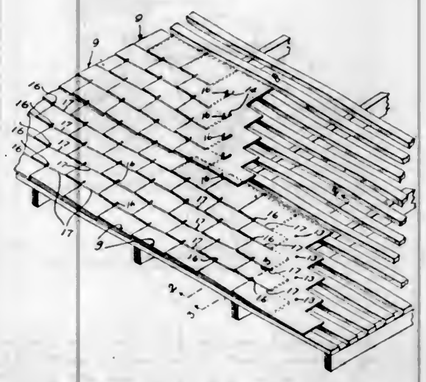


1. In a fountain pen a casing, a flexible ink reservoir in said casing, a compressor in said casing, said casing being formed with a slot through which said compressor extends, said compressor being formed with a bifurcated diverging portion adjacent said slot whereby a longitudinal displacement of said compressor causes it to engage said reservoir.

1,574,098. ROOFING MATERIAL. BERNIE C. KRIDLER, Chicago, Ill., assignor to Campbell Wire Specialty Works, South Bend, Ind., a Corporation of Indiana. Filed Aug. 21, 1924. Serial No. 733,279. 3 Claims. (Cl. 108—8.)

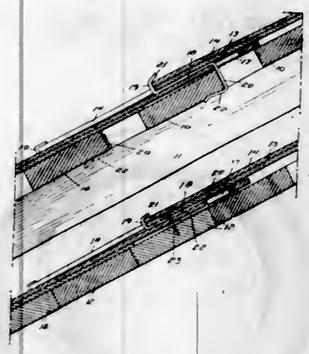
1. Roofing material comprising a plurality of roofing sections, said sections having shingle-like exposed edges

cent in inner angles and disposed in inclined relation to the horizontal plane of the roof, said sections having perforations for receiving fastening members, said per-



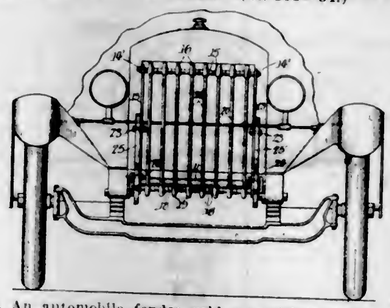
forations being disposed to coincide with the inner angles of the exposed edges of the roofing section to be superimposed upon said perforated section.

1,574,099. SHINGLE. BERNIE C. KRIDLER, Chicago, Ill., assignor to Campbell Wire Specialty Works, South Bend, Ind., a Corporation of Indiana. Filed Mar. 21, 1925. Serial No. 17,344. 1 Claim. (Cl. 108—8.)



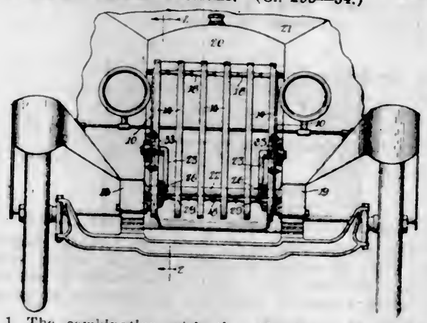
In a roofing construction, a series of shingle strips having a straight upper edge and a plurality of spaced overlaps extending from the weather edge with valley therbetween having flat bottoms parallel with the upper edge of said strip, said strips being provided with relatively long transverse elongated slots in the upper portions thereof and spaced inwardly of the upper edge of the strips, said slots being disposed exactly in the median plane of each overlap, and a series of fastening clips adapted for extension through said slots with their major portions lying between adjacent shingle layers and formed at opposite ends for engagement with a roof section and a plurality of upper successive shingle layers.

1,574,100. FRONT GUARD FOR AUTOMOBILES. ROBERT ROY MCGREGOR, Chicago, Ill. Filed May 7, 1925. Serial No. 28,537. 9 Claims. (Cl. 293—54.)



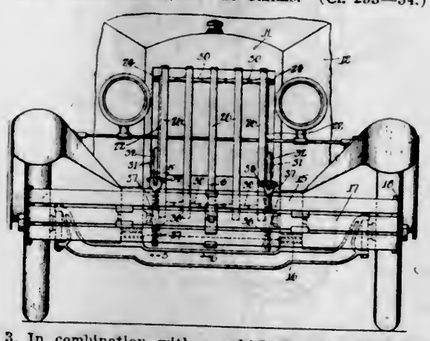
2. An automobile fender grid comprising vertical side bars, horizontal rods connecting the upper and lower ends of said bars and each formed centrally thereof with a transversely disposed socketed lug, and rods mounted at their upper and lower ends in said lugs.

1,574,101. FRONT GUARD FOR AUTOMOBILES. ROBERT ROY MCGREGOR, Chicago, Ill. Filed May 23, 1925. Serial No. 32,305. 5 Claims. (Cl. 293—54.)



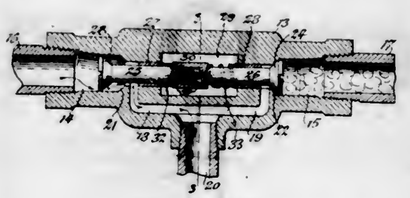
1. The combination with the side frame bars of an automobile chassis, and a rod connecting and spacing the forward end portions thereof, of a substantially rectangular automobile fender grid, and a pair of rigid supporting arms attached at their upper ends to the side frame members of said grid and at their lower ends non-rotatably mounted on said rod.

1,574,102. RADIATOR FENDER FOR AUTOMOBILES. ROBERT ROY MCGREGOR, Chicago, Ill. Filed May 25, 1925. Serial No. 32,578. 10 Claims. (Cl. 293—54.)



3. In combination with a vehicle bumper, a radiator fender horizontally hinged at its lower portion on said bumper, and means supporting said fender upright against thrusts tending to tilt the same rearwardly.

1,574,103. AUTOMATIC DRAINING DEVICE. WARREN E. MICHAEL, Buffalo, N. Y. Filed Dec. 31, 1924. Serial No. 759,212. 1 Claim. (Cl. 121—134.)



An automatic draining device for opposite ends of a steam engine cylinder, comprising two outlet chambers each adapted to be connected with one end of the engine cylinder and each provided with an outlet port and a valve seat around said outlet port, valves arranged in said chambers and each movable toward and from the respective valve seat for closing and opening the corresponding outlet port, a connection between said valves for causing one of said valves to open while the other closes consisting of valve stems arranged axially in line on said valves and projecting through said chambers to the exterior thereof and toward each other, a coupling sleeve having a screw connection with the outer ends of said stems, and springs each surrounding one of said stems and bearing at one end against said coupling sleeve and at its other end against the adjacent part of the corresponding outlet chamber.

1,574,104. AGITATING DEVICE. JAMES MILES, Los Angeles, Calif. Filed Apr. 14, 1923. Serial No. 632,009. 2 Claims. (Cl. 259—134.)



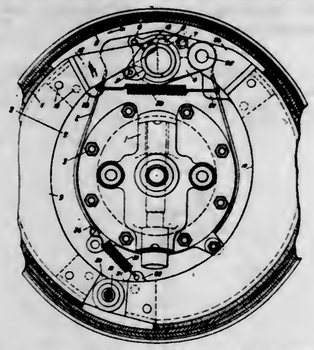
2. An agitating device for mixing paint or the like in an open metallic receptacle, comprising a shaft devoid of guiding means, provided with means at its upper end for holding it up and rotating it on its axis, the lower end of said shaft being blunt to engage with, without penetrating, the bottom of the receptacle and having a blade pivotally mounted at its center of gravity to the lower end of the shaft, the pivotal connection of the blade operating to enable the blade to rotate on the axis of the pivotal connection when the shaft is held and rotated in a position inclined to the plane of the bottom of the receptacle, so as to maintain itself substantially in engagement with the bottom of the receptacle during the entire revolution of the shaft, and another blade pivotally secured to the shaft above the first named blade and disposed in a plane transverse to the plane of the lower blade, said blades cooperating to maintain the lower end of the shaft in a more or less central position in the receptacle.

1,574,105. RIM-CUT TIRE CLAMP. AARON B. OVERHOLT, Three Rivers, Mich. Filed Sept. 23, 1925. Serial No. 58,143. 3 Claims. (Cl. 301—44.)



2. A device for preventing a blow-out in a rim cut tire including a pair of clamping members engaged with the sides of the tire at the cut, and means carried by the clamping members for drawing the members together whereby to exert transverse and vertical pressure on the tire.

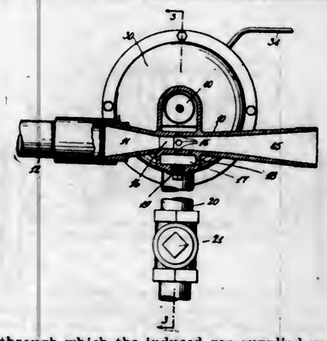
1,574,106. VEHICLE WHEEL BRAKE SHOE. HENRI PERROT, Paris, France. Filed Apr. 15, 1924. Serial No. 706,928. 15 Claims. (Cl. 188—250.)



5. A brake shoe having spaced parallel flanges at its end, and a separate part extending between the flanges and having oppositely-extending thrust shoulders engaging the ends of the flanges.

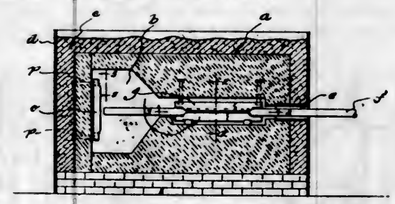
1,574,107. METHOD OF AND APPARATUS FOR MIXING AND PROPORTIONING GASES. ARTHUR W. PETERS, New York, N. Y., assignor to The Surface Combustion Co., Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 7, 1921. Serial No. 520,490. 5 Claims. (Cl. 158—119.)

1. The method of producing and supplying a mixture of gases in substantially constant proportions, which comprises supplying one of the gases under a relatively high pressure to serve as the inducing gas, changing some of the pressure energy of said gas to velocity energy with reduction of pressure and causing said gas flowing at low pressure and high velocity to pass from a passage of relatively small cross-section into a passage of gradually increasing cross-section wherein velocity energy of the gas is changed back into pressure energy, admitting the other gas supplied at a relatively low pressure to the edge of the stream of inducing gas at a point of relatively high velocity and low pressure slightly beyond the minimum cross-section of the passage through an inlet opening of excess size so that said other gas is drawn into the passage by induction, maintaining the pressure under which the induced gas is supplied substantially constant, varying the proportions of the inducing and induced gases in the mixture by adjusting a flow controlling



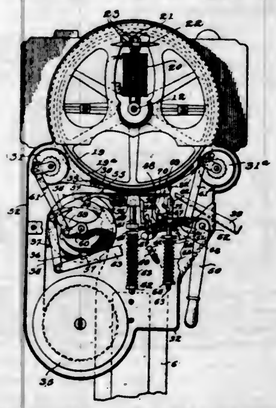
orifice through which the induced gas supplied under such constant pressure flows to said inlet opening, and varying the quantity of mixture supplied by varying the supply of the inducing gas.

1,574,108. ELECTRIC FURNACE. FREDOLF J. PETERSON, Detroit, Mich. Filed Mar. 16, 1925. Serial No. 15,795. 15 Claims. (Cl. 204—64.)



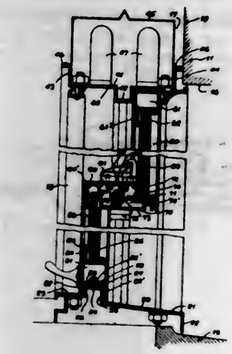
5. A heating element for an electric furnace, comprising a bar of resistance material provided with a longitudinal U-shaped groove running lengthwise of said bar in which a piece of stock may be positioned in spaced relation to be heated.

1,574,109. WEIGHING SCALE. ELMER C. POOL, New Castle, Pa., assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Mar. 29, 1918. Serial No. 225,475. 4 Claims. (Cl. 265—37.)



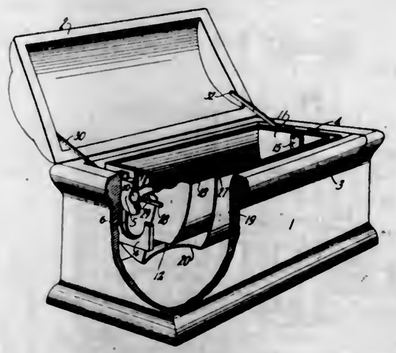
1. A scale having a rotary indicating element resting on bearings in the framework of the scale, and electromagnets energized by alternating current arranged to relieve the bearings of a portion of its weight, whereby the alternations of the current tend to vibrate the indicating element.

1,574,110. WINDOW CONSTRUCTION AND THE LIKE. JACOB A. RAPPAPORT, Brooklyn, N. Y., assignor to Reliance Fireproof Door Company, Brooklyn, N. Y., a Corporation of New York. Filed Oct. 26, 1922. Serial No. 596,986. 9 Claims. (Cl. 189—72.)



1. In a metal window frame, a window jamb comprising a main central web portion provided with a substantially centrally disposed channel one lateral wall of which is outwardly inclined, and an outer extension in the form of a transversely disposed flange provided with a channel in the inner face thereof.

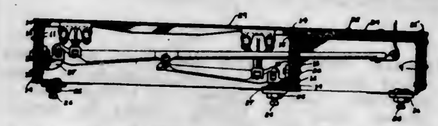
1,574,111. WATERROOF CONTAINER FOR BURIAL CASKETS. ELMER B. RARDON, Columbus, and HENRY H. RARDON, Newark, Ohio. Filed Nov. 25, 1922. Serial No. 603,323. 22 Claims. (Cl. 27—16.)



1. A burial casket comprising a rotatable corpse receiving member positioned within the casket.

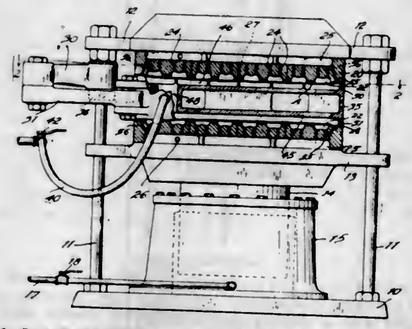
1,574,112. FRAME. ORWELL C. REEVES, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Oct. 20, 1922. Serial No. 595,763. 8 Claims. (Cl. 265—71.)

1. In a device of the class described, in combination, a plurality of connected walls each constructed of spaced sheets of metal, the space between the sheets of each wall being filled with concrete-like material, the upper edge of each wall being provided with a cover plate, said cover plate being retained in place by bolts passing



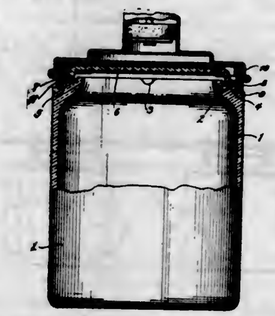
therethrough and having their shanks embedded in the concrete-like material, and gusset plates secured to said walls at their intersections.

1,574,113. APPARATUS FOR MAKING HOLLOW RUBBER ARTICLES. FRED THOMAS ROBERTS, Yonkers, N. Y., assignor to Paramount Rubber Consolidated, Inc., Tuckahoe, N. Y., a Corporation of Delaware. Filed Aug. 26, 1921. Serial No. 495,489. 32 Claims. (Cl. 18—19.)



1. In an apparatus for making hollow articles of plastic material, a mold having a mold cavity therein, a member having an open ended chamber adapted to be brought opposite the stock, said member having means for clamping the stock in a circuit about the mold indepndently of the edges of the cavity and means for supplying fluid pressure higher than atmospheric to the chamber to seat the stock in the cavity without wrinkling.

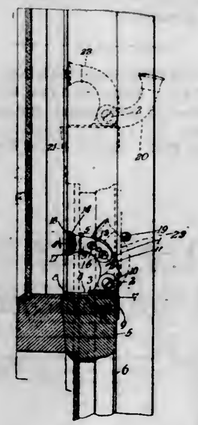
1,574,114. FRUIT JAR. SIDMOOR S. SAGER, Buffalo, N. Y. Filed May 20, 1924. Serial No. 714,579. 1 Claim. (Cl. 215—1.)



A container of the class described comprising a body portion having an annular surface constituting a sealing ring seat, a sealing ring seated on the annular surface constituting its seat, and a cover having a depending annular flange adapted to co-act with the sealing ring, the

body having a shoulder constituting a pump seat below the sealing ring seat and outside the exterior periphery of the cover, whereby a pump may be applied to said jar for exhausting the air therefrom.

1,574,115. WINDOW LOCK. MICHAL J. SASGEN and LOUIS SIMONSEN, Chicago, Ill., assignors to Grand Specialties Company, Chicago, Ill., a Corporation of Illinois. Filed July 2, 1923. Serial No. 649,031. 7 Claims. (Cl. 292—194.)

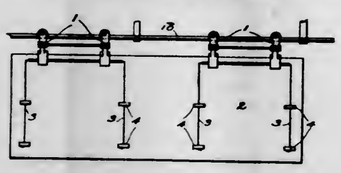


1. A window lock comprising a stiff strut adapted to be pivotally mounted upon the lower sash, the strut provided with a yielding pad for frictional contact with a part above the lower sash for preventing the free raising of the sash, and said strut being changeable as to length for fitting different windows.

1,574,116. PROCESS FOR MANUFACTURING IMPROVED VAT DYES. HERMANN SCHÖPFER, Graz, Styria, Austria, assignor to Felice Bensa, Genova, Italy. Filed Apr. 9, 1925. Serial No. 21,975. 2 Claims. (Cl. 260—56.)

1. A process for manufacturing vat dyes consisting in that nitro derivatives of perylene are heated with aluminum chloride.

1,574,117. SPACER FOR PLASTER WALL BOARD. JOHN SCHUMACHER, Los Angeles, Calif. Filed Dec. 16, 1924. Serial No. 756,235. 5 Claims. (Cl. 34—26.)

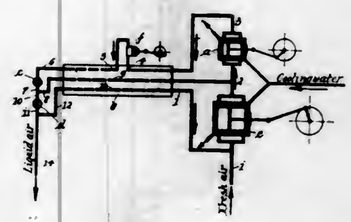


5. A spacing device for suspended sheets comprising a rod having a lateral bent at its upper end adapted to enter a holding socket, said bend being centrally enlarged transversely to form pivoting contacts with the socket whereby the spacer rod may automatically adjust itself transversely to hang centrally between the sheets, and spacing members carried by said rod.

1,574,113. PROCESS FOR THE PREPARATION OF INSECTICIDES. WILLIAM K. SCHWEITZER, Cleveland, Ohio, assignor to The Grasselli Chemical Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 29, 1924. Serial No. 740,634. 9 Claims. (Cl. 23—53.)

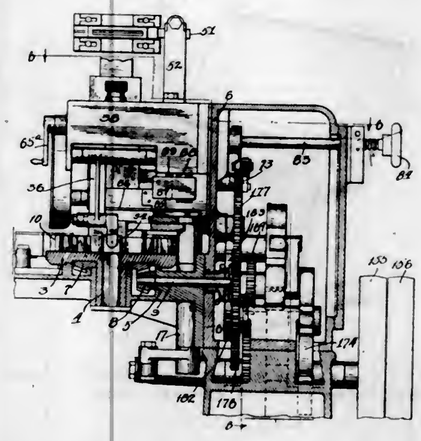
1. Process which comprises digesting an aqueous slurry containing dimanganoarsenate and a substantially non-alkaline metal compound capable of reacting with dimanganoarsenate to form only less soluble arsenates.

1,574,119. METHOD FOR THE LIQUEFACTION AND SEPARATION OF GASES WITH THE AID OF EXTERNAL WORK. ARTHUR SELIGMANN, Bremen, Germany. Filed Feb. 21, 1924. Serial No. 694,273. 2 Claims. (Cl. 183—115.)



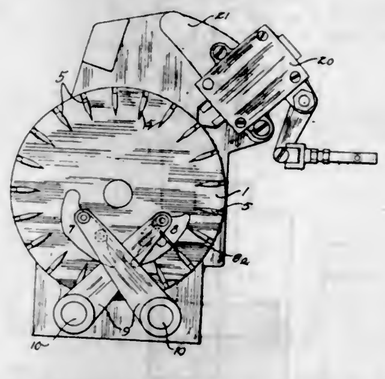
1. A method for liquefaction and separation of gases with the aid of external work performance in which the total quantity of gas circulating in the apparatus is at first preliminarily cooled in counter current, then partly expanded in a machine in performing work, cooled further in counter current and finally completely expanded by simple throttling.

1,574,120. CARAMEL-WRAPPING MACHINE. WALTER H. SERGENT, Middletown, N. Y., assignor to Ideal Wrapping Machine Company, a Corporation of New York. Filed Jan. 9, 1922. Serial No. 527,828. 11 Claims. (Cl. 93—7.)



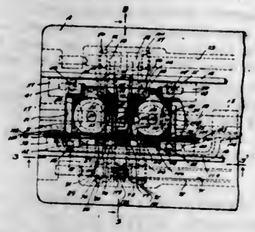
1. In a candy wrapping machine, the combination with a caramel wrapping wheel, of ejector mechanism therefor, a shaft for supporting said wheel, a Geneva gear on said shaft, a Geneva gear driver, a shaft for supporting said driver, a spur gear on said shaft, a cam gear meshing with said spur gear and having a cam groove, a cam lever operatively associated with said groove, means connecting said cam lever and ejecting mechanism, said cam gear operating said lever and Geneva gear driver in timed relation.

1,574,121. FORMING MECHANISM. WALTER H. SERGENT, Middletown, N. Y., assignor to Ideal Wrapping Machine Company, a Corporation of New York. Original application filed Jan. 9, 1922, Serial No. 527,828. Divided and this application filed Dec. 28, 1923. Serial No. 683,139. 6 Claims. (Cl. 107—21.)



2. In a caramel wrapping machine, a cutter disk, and a presser foot cooperating therewith, provided with a fiber insert, for the purpose described.

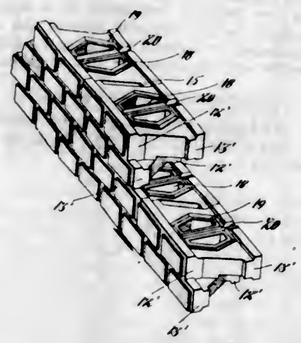
1,574,122. SHUTTLE-SHIFTING MEANS FOR SEWING MACHINES. RALPH M. SHARAF, New York, N. Y., assignor to R. M. Sharaf Machine Co., Boston, Mass., a Corporation of Massachusetts. Filed Apr. 2, 1917. Serial No. 159,060. Renewed Nov. 3, 1921. Serial No. 512,571. 14 Claims. (Cl. 112—163.)



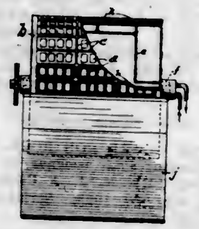
1. An adjustment means for sewing machines, comprising a plurality of looper hooks, saddles therefor having slots, bolts supported by the frame of the machine passing through the slots of the said saddles, means on the said bolts supporting said saddles adjacent to the frame, said means permitting movement of said saddles, and means for tightening the engagement of said last named means with said saddles to secure the said saddles against movement.

1,574,123. INTERLOCKING MULTIPLE BRICK. HARRY SHARPE, Watertown, Mass. Filed June 7, 1923. Serial No. 643,861. 4 Claims. (Cl. 72—41.)

1. A block having its faces at its ends presenting step formations, the step formation adjacent to opposite side faces at the same end being reversed, and end faces inclined in reverse directions in the upper and lower portions of the block joining said step formations, said inclined faces being set inwardly from said step formations thus to provide a pair of diagonally arranged projecting portions at each end of said block, said projecting portions at opposite ends being of substantially the same size.



1,574,124. PROCESS AND APPARATUS FOR MAKING GASKETS. CHARLES FREDERIC SHERWOOD, San Francisco, Calif., assignor of one-half to Lyndon E. Adams, Philadelphia, Pa. Filed Oct. 25, 1922. Serial No. 596,733. 4 Claims. (Cl. 92—42.)



1. The process of manufacturing gaskets of the type described which comprises flowing a sludge, containing a liquid constituent and a solid constituent, against a mold surface, in part wholly impermeable and in part permeable by only the liquid constituent under the influence of vacuum, whereby the solid constituent builds up only on the permeable surface, thereby shaping the material into the form of a finished gasket, releasing the vacuum, and then forcibly passing air through the relatively moist gasket thus formed to drive off liquid from and consolidate the solid material.

1,574,125. WEFT CARRIER. OLIVER SHIMWELL, Gawsworth, England. Filed Sept. 2, 1924. Serial No. 735,432. 3 Claims. (Cl. 139—125.)

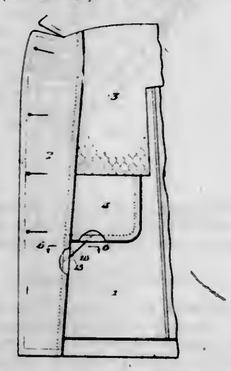


1. A weft carrier for shuttleless looms, comprising a body part, two weft thread engaging hooks facing in opposite directions secured to the upper surface of the said body, and means whereby the thread engaged by said hooks is directed beneath the said body and pressed upon it by its under surface.

1,574,126. WATER-LAID FELT. HENRY PHILIP SHOPNECK, Dorchester, Mass., assignor to John J. Daly, West Newton, Mass. Filed Nov. 4, 1925. Serial No. 66,860. 6 Claims. (Cl. 92—3.)

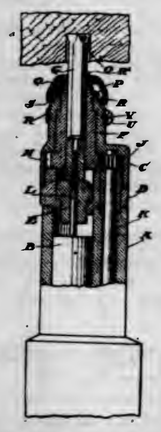
1. A box toe material, consisting of a fibrous pulp and a relatively longer vegetable fibre of the class described distributed throughout the mass in felted relation therewith and impregnated with a thermo-plastic binder.

1,574,127. WEARING APPAREL. JACOB SIEGEL, Philadelphia, Pa. Filed Aug. 26, 1925. Serial No. 52,519. 6 Claims. (Cl. 2—93.)



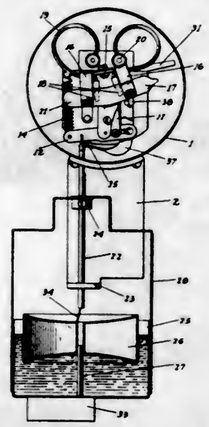
2. A garment of the class described, comprising an outer fabric structure, an inner fabric structure arranged to be engaged with said outer fabric structure and having an angular corner formed therein, and a triangular reinforcement disposed in the angle of said corner and having two of its sides secured to said inner fabric structure and its free side secured to said outer fabric structure.

1,574,128. WATER GUARD FOR ROCK DRILLS. FRED M. SLATER, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Sept. 10, 1923. Serial No. 661,791. 1 Claim. (Cl. 121—6.)



A rock drill comprising a cylinder, a hammer piston within the cylinder, a front head for the cylinder, a chuck within the front head adapted to receive a drill steel, said chuck being grooved at its ends, a shroud in the form of a disk placed over the end of the chuck beneath said groove, a split ring in the groove holding the shroud in place, a removable water guard in the form of a split cap having rearwardly directed apertures in its sides, located over the end of the front head, whereby the stroud within the cap may be removed by removing the cap.

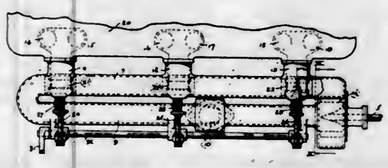
1,574,129. SAFETY SWITCH FOR OIL-BURNING SYSTEMS. IRA EDWARD SMITH, Stockton, Calif. Filed May 11, 1925. Serial No. 29,386. 14 Claims. (Cl. 200—84.)



1. A safety switch for oil burners comprising a bowl to receive excess oil, switch contact means, means removably supporting the bowl in freely suspended relation, and means between said supporting means and the contact means, whereby when the bowl is empty the contact means will be closed; and when said bowl either contains a certain amount of oil or is removed from the supporting means, the contact means will be opened.

9. A safety switch for oil burners comprising a bowl arranged for vertical movement and adapted to receive excess oil, switch contact means, means for mounting the bowl in connection with the contact means, means whereby when the bowl is empty the contact means will be closed, and when the bowl moves down with the added weight of an amount of oil therein the contact means will be opened, a float in the bowl, and means actuated by the rising of the float in the bowl for opening the contacts and functioning only when the bowl is held from downward movement.

1,574,130. MANIFOLD AND METHOD OF SUPPLYING EXPLOSIVE MIXTURES TO INTERNAL-EXPLOSION ENGINES. JAY M. SMITH, San Francisco, Calif. Filed Aug. 20, 1923. Serial No. 658,211. 3 Claims. (Cl. 123—52.)



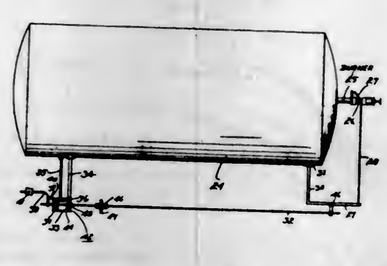
1. In combination with an internal explosion engine an inlet manifold having a return passage adapted to continuously circulate explosive mixture and inlet and outlet connections to said passage an impeller interposed into said passage to force the circulation of said mixture

independent of the engine demands, inlet and outlet connections to said manifold and throttling means interposed in said outlet and operating connections for said throttling means and a constricted throat located within said passage adapted to deliver circulating mixture at increased velocity adjacent the said inlet.

1,574,131. METHOD OF MAKING STEEL, IRON, AND OTHER METAL PLATES. SAMUEL T. G. SMITH, St. Louis, Mo. Filed June 1, 1925. Serial No. 34,170. 3 Claims. (Cl. 148—4.)

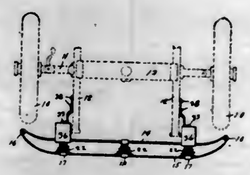
3. The method of preventing adhesion of metallic plates or sheets which consists in placing a quantity of barytes upon the surfaces of the plates or sheets when the plates or sheets are being rolled or annealed.

1,574,132. TEMPERATURE REGULATOR. ELMER D. SMYSER, Fellows, Calif. Filed Nov. 5, 1923. Serial No. 672,988. 3 Claims. (Cl. 236—20.)



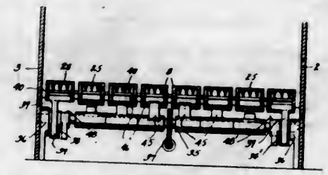
1. A device of the character described in combination with burner heated apparatus including a valve for controlling the burner and a container for a fluid which is heated by the burner, which container is subject to expansion and contraction, means of connection between the container and valve providing for closing and opening of the valve on expansion and contraction of said container and means acting coincident to variation in the pressure of the fluid in said container to operate said means of connection and open and close the valve.

1,574,133. AUTOMOBILE BUMPER. JOHN W. STAFFORD, Portland, Oreg. Filed Mar. 25, 1925. Serial No. 18,098. 5 Claims. (Cl. 293—55.)



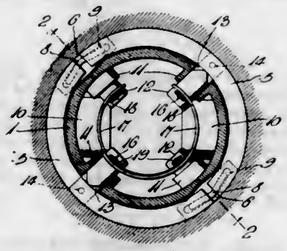
1. In an automobile bumper, the combination of a single spring back bar; a double spring front bar hinged at its ends to said back bar; helical springs between said front and rear bars; brackets slidably supporting said bumper in front of an automobile, said brackets having compression springs mounted thereon adapted to urge said bumper forwardly and of greater strength than the combined strength of said spring bars and said helical springs.

1,574,134. GRATE. JOSEPH S. STOGDALE, Dunbar, Pa., assignor of one-half to James M. Raine, Rainelle, W. Va. Filed Feb. 4, 1924. Serial No. 690,400. 3 Claims. (Cl. 126—152.)



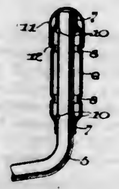
1. The combination with a fire box and transversely located grate supporting beams of a grate comprising a plurality of parallel fire bars mounted on the supporting beams for longitudinal shifting, a cam shaft, cams in said shaft for shifting the two outside bars forwardly and rearwardly, means carried by the two outside bars for moving the intermediate bars forwardly after a certain amount of movement of the outside bars and means on the cam shaft for shifting the intermediate bars rearwardly.

1,574,135. PISTON. MICHAEL H. SULLIVAN, Poughkeepsie, N. Y. Filed Apr. 29, 1925. Serial No. 26,758. 2 Claims. (Cl. 74—109.)



1. In a piston construction, the combination of a hollow piston provided with a packing ring groove in its outer wall, hollow bosses extending inwardly from the inner wall of said piston, said bosses being diametrically disposed and communicating with said groove, a packing ring disposed in said groove and composed of sections, plungers disposed in said bosses and connected to the sections of said ring, and a curved spring following the inner contour of said cylinder and having its ends connected to the inner ends of said plungers.

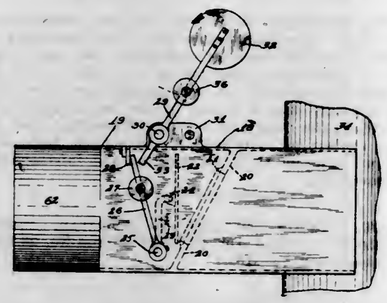
1,574,136. TOOL GRIP. HERBERT TAUTZ and FRANK E. DION, Milwaukee, Wis., assignors to American Grinder Manufacturing Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed May 15, 1922. Serial No. 561,030. 1 Claim. (Cl. 145—66.)



The combination, with a tool handle, of a pressed metal tubular one-piece hand-grip rotatably mounted on the handle and provided with reduced tubular end portions and an annular groove adjacent one end, a cap in

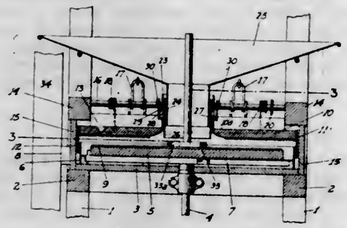
end thrust engagement with said handle and having an annular edge extending into said groove, and spaced stop projections on the handle and disposed within the grip adjacent said end portions for positioning said grip on the handle.

1,574,137. METHOD OF AND APPARATUS FOR COLLECTING, REFINING, AND UTILIZING BY-PRODUCTS FROM METALS TREATED IN RETORTS. HENRY W. TUTTLE, Chicago, Ill. Filed Sept. 5, 1922. Serial No. 586,061. 15 Claims. (Cl. 266—19.)



1. The process of recovering by-products from retort gases and fumes which consists in collecting and directing the gases and fumes from the retorts through a gas filter and passageway closed to the admission of air, depositing the precipitated solid content from the gases and fumes in said filter and withdrawing the gases from the filter and passageway without oxidizing the gases and fumes by mixing with air.

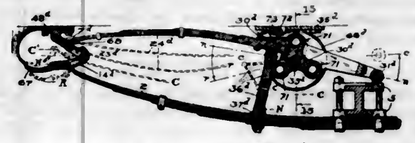
1,574,138. ALMOND HULLER AND SHELLER. LOUIS K. VAUGHAN, Woodland, Calif. Filed Sept. 23, 1924. Serial No. 739,295. 5 Claims. (Cl. 83—37.)



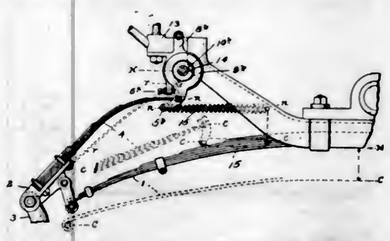
1. A huller including vertically spaced discs between which the produce to be hulled passes, spring means acting to force the upper disc toward the lower one, flexible members under tension secured to said upper disc independent of the springs and resisting the action of the springs, and means for raising and lowering said members at will.

1,574,139. SPRING SUSPENSION FOR VEHICLES. FRANK L. O. WADSWORTH, Pittsburgh, Pa. Filed Feb. 21, 1921. Serial No. 446,579. 40 Claims. (Cl. 267—9.)

1. A shock absorber organization for two relatively movable members which comprises a primary spring unit, a secondary spring unit, and means conjoining said members with said springs whereby the latter may act successively in series and in parallel to elastically resist movement in either direction from static balance.

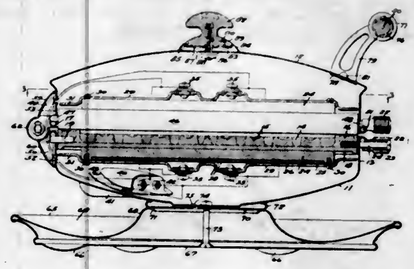


1,574,140. SHOCK-ABSORBING SUSPENSION SYSTEM. FRANK L. O. WADSWORTH, Pittsburgh, Pa. Filed Apr. 11, 1922. Serial No. 551,674. 18 Claims. (Cl. 267—9.)



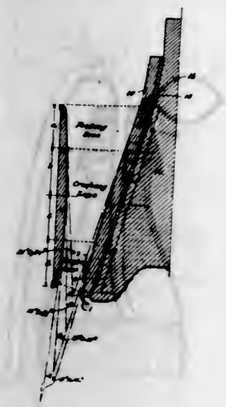
1. In a suspension system for two relatively movable members the combination of an arm flexibly connected to one of the said members, a link support pivotally mounted on the other member, a spring operatively connected at one end to the said arm and at the other end to the said link, and a stop for holding the link in fixed position with respect to its mounting when the said members are separated beyond normal load position.

1,574,141. WAFFLE IRON. WILLIAM W. WEIR, Alameda, Calif., assignor to Majestic Electric Appliance Company, Incorporated, San Francisco, Calif., a Corporation of California. Filed Feb. 21, 1924. Serial No. 694,232. 13 Claims. (Cl. 219—19.)



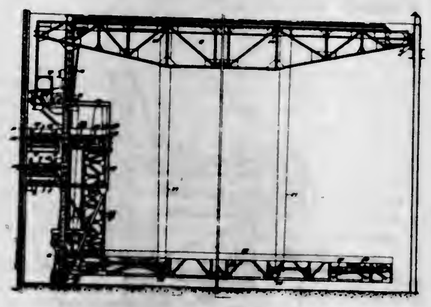
5. In an electric cooking utensil, a receptacle, a hollow double-walled metallic base for said receptacle, the upper wall of said base having a projection serving as a support for said receptacle, and a plate on said projection having a thin band of contact with the projection, said plate having a curved portion arranged to contact with the bottom of the receptacle, whereby only a thin band of contact is provided between the plate and the receptacle.

1,574,142. GYRATORY CRUSHING MACHINE. WILLIAM S. WESTON, Columbia, S. C. Filed Mar. 15, 1923. Serial No. 625,357. 3 Claims. (Cl. 83—10.)



1. In a gyratory crushing machine, in combination, a sleeve-like concave and a substantially frustro-conical crushing mantle within the concave, the crushing surfaces of the concave and mantle being convex in vertical section.

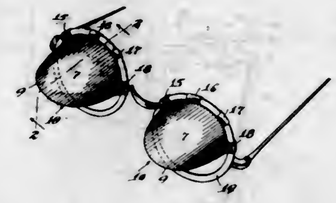
1,574,143. CONVEYER SYSTEM. CLARENCE WHITE, San Francisco, Calif. Filed Apr. 1, 1925. Serial No. 19,981. 27 Claims. (Cl. 198—81.)



1. In a conveyer system, a main conveyer, a distributor conveyer, a horizontally adjustable frame on which said distributor conveyer is mounted, a trailer, means associated with said trailer for removing articles from said main conveyer, apd means connected to said trailer and said frame for conveying articles between said trailer and said distributor conveyer.

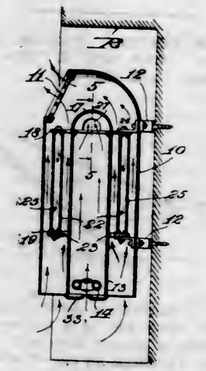
1,574,144. EYE SHADE. OLIVER C. WHITE, Gardena, Calif. Filed Oct. 10, 1922, Serial No. 593,526. Renewed Jan. 16, 1926. 1 Claim. (Cl. 2—13.)

In an eye shade, a support having a curved upper edge, a visor formed of resilient sheet material having an inner edge formed on a curvature less than that of the margin of said support, and integral hooks on the inner edge of said visor engageable with the margin of said



support on spreading said visor; said hooks adapted to clamp on said support and said visor exerting a pull on said hooks.

1,574,145. WALL FURNACE. JOHN S. ANDREWS, Hollywood, Calif. Filed Apr. 17, 1924. Serial No. 707,104. 2 Claims. (Cl. 126—90.)

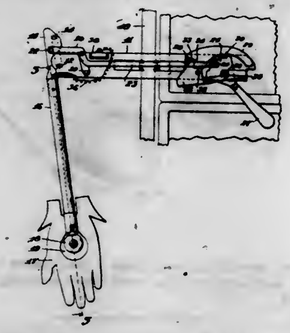


1. In a wall furnace, a vertically disposed housing, open top and bottom, upper and lower plates horizontally disposed within said housing and spaced apart from the walls thereof, spaced walls arranged between said plates so as to form a passageway between said walls and a passageway between the outer one of said walls and the housing, a heating tube disposed within the space within the inner wall, a burner at the lower end of said heating tube and a hollow dome-shaped member arranged on top of the upper plate for establishing communication between the upper end of the chamber in the heating tube and the end portions of the chamber between the spaced walls.

1,574,146. MOTOR-VEHICLE DIRECTION-INDICATING SIGNAL. WILLIAM J. DAVIS, Redondo Beach, Calif. Filed July 7, 1925. Serial No. 41,965. 8 Claims. (Cl. 116—54.)

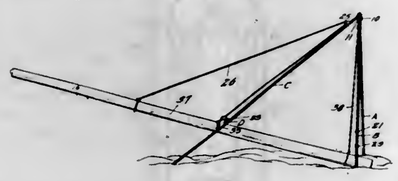
1. In a motor vehicle direction indicating signal, a horizontally disposed support, a link pivotally connected to the outer end of said support, a signaling arm pivotally connected to said link, a bell crank having one end pivotally connected to the signaling arm and the other end pivotally connected to the intermediate portion of said bell crank and lying substantially parallel with the support, an operating handle pivotally connected to the inner end of said support and to which the inner

end of the operating arm is connected, said operating handle being provided at one end with a series of notches, a gravity detent for engaging said notches to



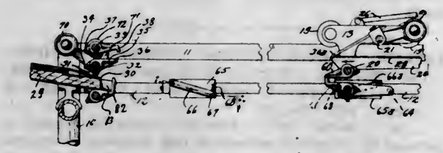
hold the handle in different positions and manually operable means for disengaging said detent from the notched portion of the handle.

1,574,147. POLE SETTER. WILLIAM E. FRANKLIN, Earlham, Iowa. Filed Oct. 6, 1924. Serial No. 741,965. 1 Claim. (Cl. 254—145.)



A pole setter comprising a device having three legs secured at their upper end to a common member and each being capable of pivotal movement relative to the common member, a windlass on one of said legs, a pulley positioned near said common member, a flexible element secured to said windlass extending around said pulley and adapted to have its free end secured to the pole to be set and a second flexible element secured to the three legged device for anchoring to the butt end of the pole to be set for maintaining the three legged member in upright position.

1,574,148. SLIP-SHEETING DEVICE. HENRY WAGNER DE JARNETTE, Des Moines, Iowa. Filed June 15, 1925. Serial No. 37,234. 18 Claims. (Cl. 84—1.)



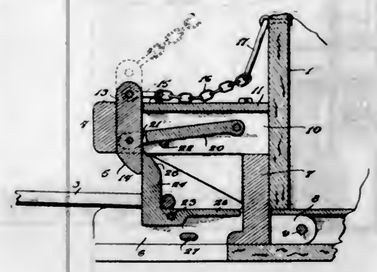
1. In a machine of the class described, the combination of means for advancing a printed sheet to a predetermined position and to then return to starting position, and means for gripping one edge of the sheet when it reaches such predetermined position, and for holding it during the return movement of said first means.

1,574,149. CREAM DIVIDER. HENRY HOMPES, Lincoln, and GEORGE L. DE LONG, Havelock, Nebr. Filed Jan. 24, 1924. Serial No. 688,189. 1 Claim. (Cl. 137—20.)



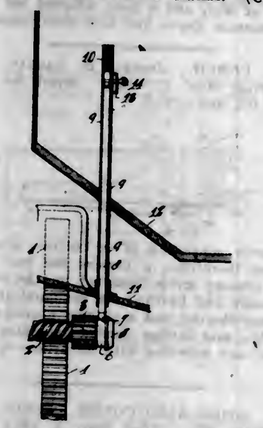
A cream divider including a flexible and resilient inverted cup shaped closure for the mouth of a milk bottle, said closure being provided with a plurality concentric and superposed grooves on its inner surface, each of the grooves having an abrupt slope in its lower portion and a gradual slope in its upper portion, and a siphon passing through said closure, said siphon having a horizontal inlet and a vertical outlet.

1,574,150. CAR COUPLING. AUDDLEY HOYES, Belle Vernon, Pa. Filed Sept. 24, 1923. Serial No. 664,565. 2 Claims. (Cl. 213—191.)



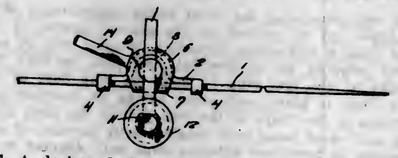
1. In a car coupling a drawhead comprising upper and lower spaced parts and a rear connecting wall, the upper and lower parts having longitudinal slots, the slot in the upper part being closed at its outer end, a dog disposed within the slot of the lower part and having an arm projecting upwardly at a right angle therefrom and pivoted adjacent the dog within the slot, means for supporting the dog in horizontal position, a vertical latch supported against the closed end of the slot in the upper part forwardly of the arm projecting from the dog, and a carrier within the slot in the upper part and pivoted to the latch and to the said upper part of the drawhead.

1,574,151. AUTOMOBILE LOCK. EDWARD J. B. IRVING, Trail, British Columbia, Canada. Filed May 16, 1924. Serial No. 713,796. 5 Claims. (Cl. 70—90.)



1. An anti-theft device for an automobile, comprising the combination with the driving pinion of the starting mechanism, of means, releasable with a key, for retaining the pinion in the out of mesh position in relation to the geared wheel of the engine shaft.

1,574,152. SAW GUIDE FOR UNDERCUTTING. JOSEPH M. JENNINGS, Centralia, Wash. Filed May 22, 1925. Serial No. 32,078. 2 Claims. (Cl. 143—163.)



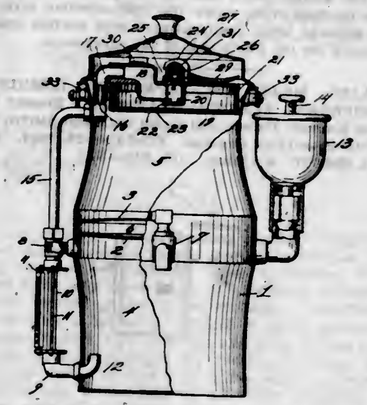
1. A device of the class described including a spike adapted to be driven into a log, a plate slidable on the spike and having its intermediate portion spaced therefrom, a bolt extending between the intermediate portion of the plate and the adjacent portion of the spike, washers on the bolt having extensions disposed under the spike, a nut on the bolt, a bracket arm slidable through the bolt so that when the nut is tightened up, said arm is held in adjusted positions in relation to the bolt, and a wheel journaled on the end of the arm.

1,574,153. JETTY. HENRY FREDERICK KELLNER, Silver Lake, Kans. Filed Mar. 20, 1923. Serial No. 626,342. 1 Claim. (Cl. 61—3.)



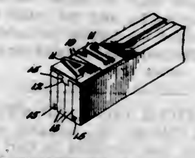
A jetty composed of a plurality of frames, each of said frames composed of a pair of spaced perforated triangular metal bands of angle iron construction and an intermediate triangular band of similar construction, spaced angle iron bars rigidly connected to the triangular bands and spaced at 120° apart, a plurality of spaced flexible strands inserted through the perforations in the metal bands, and extended beyond the ends of the frames and having other spaced frames connected together by said flexible strands, with the strands passing through perforations in each of the triangular shaped bands of the frames so that the jetty will be composed of spaced rigid frames connected together by a plurality of flexible strands arranged in triangular formation.

1,574,154. COFFEEPOT. HENRY D. KELLY, Kansas City, Mo. Filed Aug. 6, 1923. Serial No. 656,017. 3 Claims. (Cl. 53—3.)



1. A coffee pot provided with boiler and beverage chambers separated by a vacuum chamber, a ground-coffee container in the beverage chamber, having a filter-controlled discharge, a cover secured on the container, provided with a passage having jet orifices to discharge into the container, a pipe-way communicating with the lower part of the boiler chamber and the passage in said cover a yieldingly-closed relief connection for the boiler chamber; and said chamber having a vent connection at its upper end.

1,574,155. TYPE. WILLIAM M. KELLY, Westfield, N. J. Filed Aug. 4, 1923. Serial No. 655,628. 2 Claims. (Cl. 101—381.)



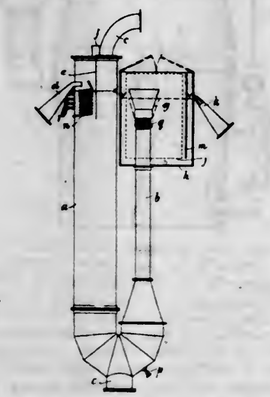
1. A printing arrangement comprising, in combination, relatively thin type plates each having a character on one side thereof and a rib on the other side, a base for said plates comprising a plurality of separate and unconnected metal strips of standard thickness used in printing arranged beneath said plates and completely underlying the same, the combined thickness of said strips being equal to the length of said plates whereby the ends of said plates are flush with the sides of said base, two of said strips having notches along one edge thereof which cooperate to form a groove to receive and tightly clamp the ribs on said type plates and hold the same in position when the arrangement is locked up in a holder, said strips and type plates together forming an arrangement which is of standard type height.

1,574,156. PROCESS FOR MANUFACTURING PHOTOGRAPHIC GLASS PICTURES AND THE LIKE WITH COLORED BACKGROUND. WERNER KIESLING, Berlin-Neukolln, Germany, assignor to N. V. Handelmaatschappij, "Mercator," Zandvoort, Netherlands. Filed Dec. 18, 1924. Serial No. 756,827. 3 Claims. (Cl. 41—21.)

1. A process for the photomechanical manufacturing of glass pictures and the like with colored background,

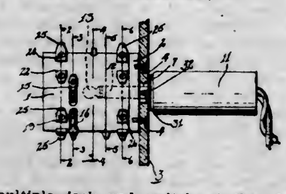
wherein the transparent plate or the like is coated with a thin layer of chromate glue soluble in the cold, the coated side of the plate being exposed under a reticle negative, the unaltered glue being then removed from those portions of the plate which were protected from light during the exposure under the reticle negative, the exposed portions being then colored with a dye solution, and the entire coated side of the plate and especially those portions from which the light-sensitive layer has been removed being finally painted with another coloring substance for the production of the background.

1,574,157. **MEANS FOR SEPARATING LIQUIDS OF DIFFERENT SPECIFIC GRAVITIES.** ROBERT CLIFTON KNIGHT, Pinner, and HUGH DUNFORD SMITH, Newcastle-upon-Tyne, England. Filed Feb. 29, 1924. Serial No. 696,067. 6 Claims. (Cl. 210—51.)



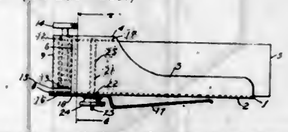
1. Apparatus for separating liquids of different specific gravities comprising a substantially U-shaped tube, one leg of said tube being of larger cross-sectional area than the other and the bend being of substantially the same cross-sectional area as that of the larger leg, said larger leg having an inlet and an outlet thereto, said inlet being at the top of the leg and the outlet distanced from the top, said smaller leg having an outlet at the top thereof, and a baffle positioned in said larger leg between the inlet and the outlet thereof.

1,574,158. **MULTIPLE JACK AND SWITCH.** LADDIE ALOIS KREJCI, Chicago, Ill., assignor of one-third to Charles J. Norre and one-third to Carl G. Rolin, both of Chicago, Ill. Filed Apr. 20, 1925. Serial No. 24,678. 3 Claims. (Cl. 200—51.)



2. A multiple jack and switch of the character described, comprising a casing of insulating material adapted for mounting upon an instrument panel, a rotor rotatably mounted within said casing, a jack sleeve disposed on the axis of said rotor and partially projecting through said casing, a plug contact member carried by said rotor, contact members mounted on said rotor and electrically connected with said jack sleeve and said plug contact member, switch blades carried by said casing and being arranged for engagement with certain of said contact members selectively on said rotor as said rotor is rotated, an additional contact member carried by said rotor, additional switch blades carried by said casing and adapted to engage with the additional contact member of said rotor, whereby a plurality of circuits may be opened and closed at will, and a plug adapted for engagement with said contact sleeve and said plug contact member.

1,574,159. **PUNCH.** JOSEPH B. LARKIN, Palo Alto, Calif. Filed Mar. 17, 1925. Serial No. 16,215. 3 Claims. (Cl. 164—119.)



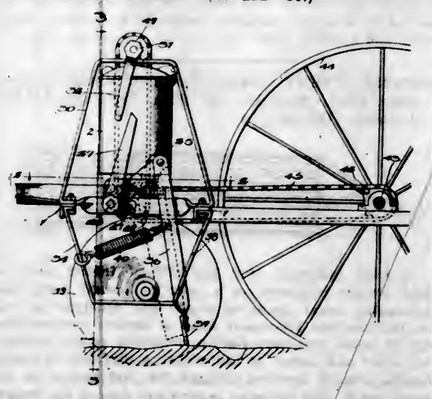
1. A punch consisting of a bottom element having sides rising therefrom, a closure for one end of said holder, a plunger guide mounted on the outer surface of said closure and having open communication with the inner surface thereof, and a plunger operatively mounted in said guide, said bottom element extending beyond said end closure and provided with an orifice to receive said plunger.

1,574,160. **STOOL-RING COVER.** EDWIN R. LINEHAN, River Falls, Wis. Filed Mar. 3, 1924. Serial No. 696,549. 1 Claim. (Cl. 4—243.)



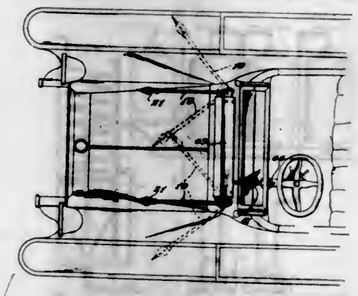
A seat ring cover for toilet bowls comprising a sheet of paper cut to conform to the general outline of the seat ring, a rearwardly extending, integral flap on said cover adapted to be inserted and held between the hinges of the seat ring to hold the rear part of the ring cover in place; said sheet having an aperture conforming to the shape of the rear part of the bowl opening, said sheet being split longitudinally forward of said aperture to form two adjacent flaps both adapted to be bent downwardly and horizontally under the seat ring and there engaged between the bowl and said seat ring, substantially as and for the purpose set forth.

1,574,161. **MARKER FOR CORN PLANTERS.** JOHN H. LONG, Ashtabula, Ohio. Filed Dec. 28, 1923. Serial No. 683,223. 1 Claim. (Cl. 111—30.)



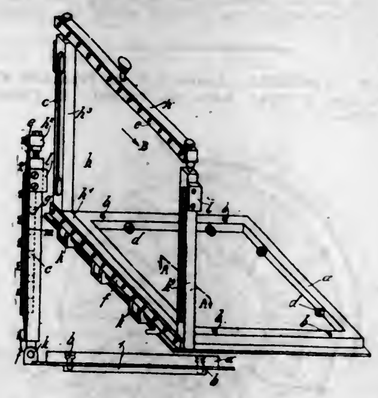
In a planter, a checker shaft, a frame having U-shaped bracket supported beneath the frame, a slot in said bracket, an arm on the checker shaft, a shank carried thereby passing through said slot, a spade carried by said shank, and means including a spring holding the shank in engagement with a portion of the slot, said spring having one end attached to one leg of said bracket and the opposite end to said shank.

1,574,162. **TRAFFIC SIGNAL.** WILLIAM LOUIS MERRICK, Halifax, Canada. Filed Jan. 9, 1924. Serial No. 685,266. 7 Claims. (Cl. 116—47.)



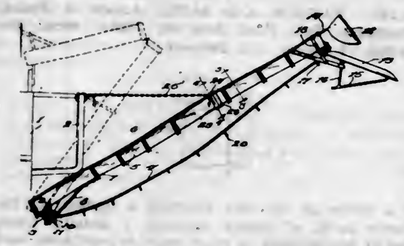
1. In a traffic signal for vehicles, the combination of a fixed cross rod to extend transversely of the vehicle, forwardly extending horizontal signal arms swiveled at their inner ends upon the ends of said rod and movable to project toward either one side or the other of the vehicle, means coupling said arms to swing in unison, and means for swing said arms.

1,574,163. **METHOD AND APPARATUS FOR THE PRODUCTION OF PRINTS.** ALFRED CARL OHMM, ALFRED SYREN, and OTTO HENTSCHEL, Leipzig, Germany, assignors to the Firm Emil Gerasch G. m. b. H., Leipzig, Germany. Filed Aug. 16, 1923. Serial No. 657,778. 3 Claims. (Cl. 101—130.)



1. A method of producing prints in an ordinary lithographic hand-press, consisting in tightly stretching the rubber cloth evenly in all directions in the part of the frame adapted to hold it, bringing the stretched cloth over but not into contact with the form, thereupon pressing the cloth into contact with the form by means of the vertical pressure of a scraper along the edge of the scraper and running the carriage with the frame through the press under the scraper, as and for the purpose set forth.

1,574,164. **EAR CONVEYER FOR CORN-HUSKING MACHINES.** THEODORE H. OPPENHEIM and BERNARD SELHORST, Coldwater, Ohio, assignors to New Idea Spreader Co., Coldwater, Ohio, a Corporation of Ohio. Filed Nov. 21, 1924. Serial No. 751,354. 1 Claim. (Cl. 198—173.)



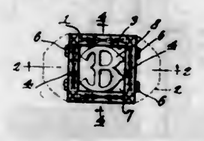
An ear conveyer for corn-husking machines comprising a sheet metal trough including two alined sections each having integral bottom and sides, reinforcing beads formed along the upper edges of the sides, reinforcing channels secured on the under surfaces of the bottom and the sides at intervals, reinforcing bands secured on the under surface of the bottom and sides at the meeting ends of the sections of the trough and having their upper ends extending outwardly at the edges of the sides of the trough, hinges secured upon the outwardly extending ends of the bands and connecting the sections of the trough whereby the upper section may fold over onto the lower section, an endless belt having its upper run passing through the trough, and means for supporting the trough on the end of a corn-husking machine for swinging the movement in a vertical plane.

1,574,165. **MILK PRODUCT AND THE PROCESS OF MAKING THE SAME.** DAVID D. PEEBLES, Eureka, Calif. Filed Dec. 24, 1923. Serial No. 682,585. 11 Claims. (Cl. 99—11.)

9. The method of making a semi-solid product from whole fresh milk which comprises removing a portion of the non-fat solids from the whole milk to produce a product in which the fats and non-fats are in substantially equal proportion, and condensing the product thus formed to a semi-solid mass containing approximately 20% water.

10. The method of making a semi-solid product from whole fresh milk which comprises removing a portion of the non-fats solids from the whole milk to produce a product in which the fats and non-fats are in equal proportion, pasteurizing the product and condensing the product to approximately 80% total solids content.

1,574,166. **RING OR THE LIKE.** HENRY W. PETERS, Boston, Mass. Filed Oct. 7, 1925. Serial No. 61,050. 3 Claims. (Cl. 63—29.)



1. The combination with an article of jewelry including a box having an open face and an open side, there being inwardly extending flanges at the open face of the box, there being recesses within the box adjacent the open face, of a member insertable into the box to position within the open face thereof, means extending from said member to be seated within the recesses, a stone insertable into the open side of the box to position back of

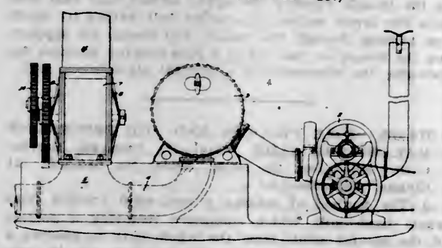
the inserted member to hold the projecting portions of the member within the recesses, and means movable to position across the open side of the box for retaining the stone within the box.

1,574,167. WINDOW AND SASH. ALBERT E. READE, Petersburg, Va. Filed July 29, 1924. Serial No. 728,962. 1 Claim. (Cl. 296—44.)



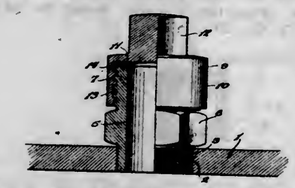
In a device of the class described a transparent imperforate panel of flexible material, a metallic frame formed of four sections in which panel is positioned, each section comprising a base portion extending throughout the length of the section and side walls of shorter length than the section, one side wall terminating short of one end of the section and the other side wall terminating short of the other end of the section, and rivets uniting the ends of adjacent sections.

1,574,168. CHARGER. CLAUDE REES, San Francisco, Calif., assignor to Rees Blow Pipe Manufacturing Company, San Francisco, Calif. Filed Dec. 24, 1923. Serial No. 682,490. 12 Claims. (Cl. 302—49.)



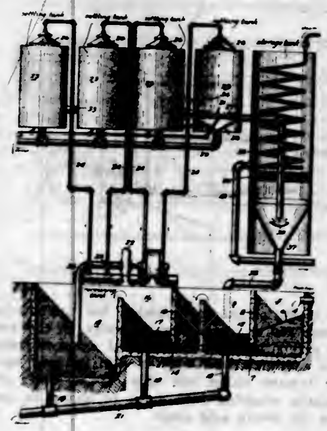
1. A charger comprising a casing having inlet and discharge openings, a pocket wheel in said casing disposed between said openings, said wheel having two series of pockets spaced apart axially of the wheel, the pockets in one series leading the pockets in the other series, the corresponding pockets in the two series being in communication at their inner ends.

1,574,169. CLEAN-OUT PLUG. HARRY N. REYNOLDS, Detroit, Mich. Filed Mar. 17, 1924. Serial No. 699,937. 2 Claims. (Cl. 220—46.)



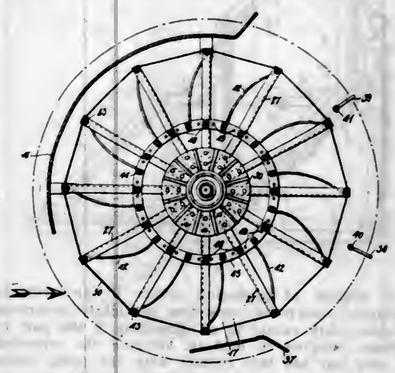
2. A plug for tanks or boilers comprising a threaded bushing and a correspondingly threaded closure cap, one of which is provided with an annular seating groove dove-tail in cross section and having its bottom wall provided with spaced seats, and a packing gasket having a dovetail anchoring rib fitting within the groove and provided with spaced projections engaging the seats whereby to prevent rotative movement of the gasket in said seating groove, the free end of the gasket by engagement with the adjacent surface of the plug serving to form a tight joint between the bushing and closure cap when said closure cap is screwed home.

1,574,170. SYSTEM FOR RECOVERING USED LAUNDRY MATERIALS. FRANK L. ROSENAU, San Francisco, Calif. Filed Nov. 6, 1922. Serial No. 599,447. 5 Claims. (Cl. 210—44.)



1. An apparatus for recovering laundry materials from solutions resultant from laundering operations comprising a filter through which the solution passes upwardly, a receiving tank, a plurality of settling tanks, means for passing the solution from the receiving tank to any desired settling tank, means for aerating the solution as it discharges into the settling tank, a storage tank to which the solution passes from the setting tank and a filter in the storage tank through which the solution passes.

1,574,171. WINDMILL. JAMES T. RYAN, Frankfort, Ky. Filed Apr. 2, 1924. Serial No. 703,691. 11 Claims. (Cl. 170—15.)



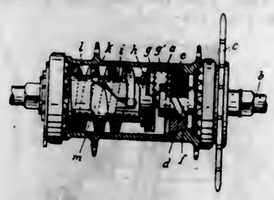
1. A windmill comprising a vertical shaft, a rotor carried thereby comprising flexible blades mounted to vary their curvature, with the angle presented to the wind during rotation, said rotor having a clear annular passage about the axis within the inner edges of said blades, and a shield to prevent action of the wind upon blades moving counter to its direction.

1,574,172. ROTARY PUMP OR THE LIKE. JAMES T. RYAN, Frankfort, Ky. Filed Oct. 25, 1924. Serial No. 745,843. 12 Claims. (Cl. 103—140.)



1. In a device of the class described a cylinder, a rotor eccentrically mounted therein and having a piston-receiving recess, an arcuate piston seating in said recess and adapted to be projected therefrom by centrifugal force, and a piston rod extending transversely of said recess acting to retain said piston therein.

1,574,173. FREE-WHEEL HUB. JOSEF SCHALL, Berlin-Neukolln, Germany, assignor to Berlin-Karlsruher Industrie-Werke A. G., Berlin, Germany. Filed July 28, 1925. Serial No. 46,680. 2 Claims. (Cl. 192—6.)

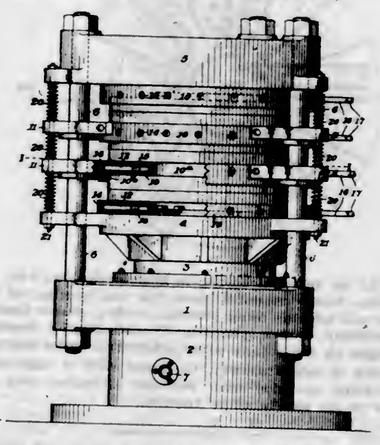


1. A free-wheel hub and back-pedalling mechanism, comprising in combination a fixed axle, a hub rotntable thereon, a sleeve within the hub, capable of axial and rotary motion relative to the axle, a coupling member within the hub slidable relatively to the axle, inclined cam surfaces on the sleeve and corresponding cam surfaces on the axle and a helical braking spring within the hub capable of being unwound by bearing against the forwardly running hub, the helical spring having one end fixed to a stationary part of the hub mechanism and the other end in engagement with the said sleeve, whereby, on back-pedalling taking place, the sleeve is axially displaced and turned along the inclined surfaces on the axle, so as to unwind the braking spring in the direction of rotation of the hub, as and for the purpose set forth.

1,574,174. DEHYDRATED LIGNITE AND PROCESS OF PRODUCING SAME. EUGENE P. SCHOCH, Austin, Tex. Filed Aug. 18, 1924. Serial No. 732,782. 13 Claims. (Cl. 44—1.)

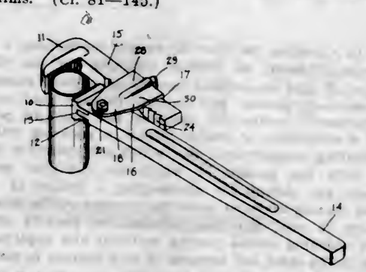
1. The process of treating lignite which comprises heating the same in contact with a hydrocarbon oil to drive off the moisture present and to cause a portion of said oil to enter the lignite, removing the oil not absorbed by the material; and still further removing a portion of the absorbed oil.

1,574,175. STEAM PLATEN. FREDERICK GEORGE SCHRANZ, Philadelphia, Pa., assignor to Southwark Foundry & Machine Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Apr. 11, 1925. Serial No. 22,460. 7 Claims. (Cl. 18—17.)



1. A disk-like heating platen having a continuous passage for the circulation of a heating medium, comprising a series of substantially radially disposed holes, and passages substantially tangential to the arc of a circle struck from the axis of said plate connecting said substantially radial holes.

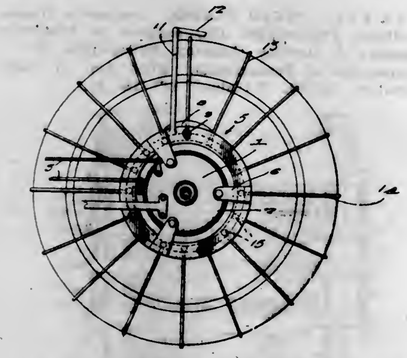
1,574,176. WRENCH. JOHN R. SIEGER, Minneapolis, Minn. Filed Dec. 18, 1924. Serial No. 756,680. 3 Claims. (Cl. 81—145.)



1. A wrench comprising a fixed jaw, a movable jaw, a shank attached thereto, ratchet teeth formed on said shank, a dog pivoted to said fixed jaw adapted to engage said ratchet teeth, a U-shaped guide enveloping said shank and secured to said fixed jaw, said guide being formed with a pair of inwardly extending grooves communicating with an opening in said guide at the ends of said grooves remote from said jaw, a U-shaped release surrounding said shank being positioned within said grooves and lying between said shank and the walls of

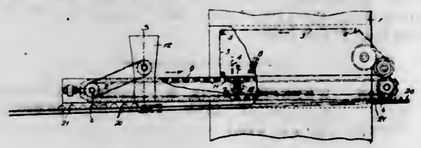
said guide with the end thereof protruding through said opening, said dog being formed with outwardly-facing similarly situated slots and inwardly-extending hooks formed on said release adapted to engage within said slots.

1,574,177. ANTISKID DEVICE FOR VEHICLE WHEELS. DANIEL E. SNYDER, Roseland, Nebr. Filed June 4, 1925. Serial No. 34,873. 4 Claims. (Cl. 301—46.)



1. In an anti-skid device, in combination, an axle, an annulus fixedly mounted upon the end portion of the axle, said annulus being provided with a groove forming a trackway, and a plurality of anti-slipping members provided on inner ends with anti-friction roller bearings movable in said trackway, the outer ends of said members being provided with portions extending over the tread of the tire to afford traction.

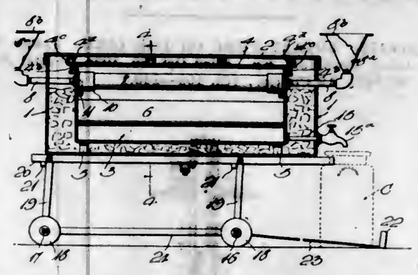
1,574,178. COATING MACHINE. CARL STRÄSING, Burlington, Iowa. Filed Apr. 9, 1925. Serial No. 21,925. 3 Claims. (Cl. 91—3.)



1. In a coating machine for cluster confections, a coating compartment, an endless conveyor for the cluster fillings of said confections having an endless succession of openwork pockets and passing through said coating compartment, means for charging the conveyor pockets with a succession of cluster fillings, a pocketed roller in the coating compartment over which said conveyor passes and with the pockets of which the conveyor pockets engage, and means for discharging a stream of warm liquid coating material upon the charges of the conveyor pockets to coat the tops thereof, the pockets of said roller catching excess coating material and applying the same to the sides and bottoms of said charges to complete the coating thereof.

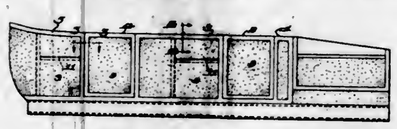
1,574,179. MILK COOLER. SHELBY STRANG and JAMES A. DOLAN, Dover Plains, N. Y. Filed Mar. 28, 1925. Serial No. 17,775. 5 Claims. (Cl. 257—178.)

1. A milk cooler comprising an ice containing casing, a milk container mounted in said casing in spaced relation with the walls thereof, a horizontally extending milk chilling tube in said milk container communicating with said casing to receive ice therefrom, and milk inlet means for the container positioned to direct the incoming milk downwardly onto the chilling tube whereby the



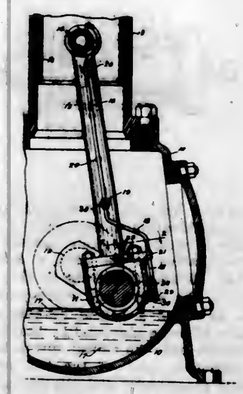
milk may run by gravity in a thin film around the exterior of the tube before running therefrom into the container.

1,574,180. AUTOMOBILE BODY. JOSEPH B. STRAUSS, Chicago, Ill. Filed Sept. 2, 1921. Serial No. 497,878. 4 Claims. (Cl. 296—31.)



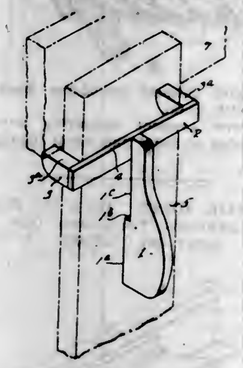
1. An automobile body comprising a series of metal frames, concrete sections extending across the open spaces of said frames so as to fill the spaces therein, the concrete being thicker at the edges of the sections than at the remaining portions, the metal frames of the concrete sections forming the floor and walls of the body, and doors at intervals in said body, said doors comprising metal frames fitting into the metal frames of the body and movably connected thereto, said frames fitted with wire netting imbedded in concrete, the concrete thickened at the edges where it joins the metal frame.

1,574,181. LUBRICATION PUMP. CHESTER A. BAKER, Omaha, Nebr. Filed Oct. 13, 1924. Serial No. 743,371. 4 Claims. (Cl. 184—11.)



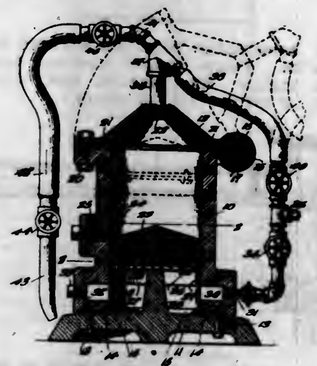
1. The combination with a crank and connecting-rod arranged to dip into an oil reservoir, of a pump-body mounted fixedly upon the connecting-rod, a piston reciprocable in said pump-body, and a plate connected with said piston and arranged externally of the pump-body to engage the oil in the reservoir and be thereby actuated to drive the piston.

1,574,182. MARKING GAUGE. EMIL G. BALSTAD, East Cleveland, Ohio. Filed Feb. 24, 1925. Serial No. 11,056. 5 Claims. (Cl. 33—32.)



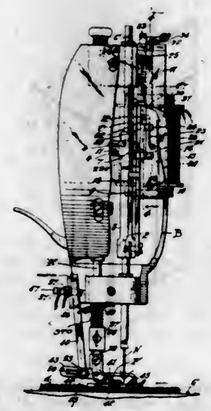
1. A marking gauge for the frames of door casings and the like comprising a marking bar having a marking edge and a pair of projections carried by said bar and adapted to be applied to opposite edges of the board to be marked and to project beyond said board thereby to engage the edge of the board or object to which the first mentioned board is to be fitted, a handle pivoted centrally of said bar having a cutaway portion for allowing the handle to be folded to a position parallel to the marking edge.

1,574,183. SPRAYING APPARATUS. HOWES BOWDISH, Philadelphia, Pa., assignor to Co-Operative Utilities Co., Inc., Philadelphia, Pa., a Corporation of Delaware. Filed Dec. 17, 1924. Serial No. 756,541. 6 Claims. (Cl. 91—45.)



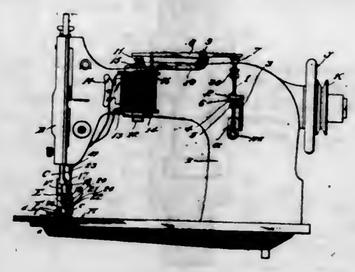
1. In a sprayer for plastic material, the combination of a casing having an inlet for pressure fluid at one end, a cone-shaped closure for the other end of said casing having a centrally disposed outlet, a piston mounted in said casing between said inlet and outlet and guided along by the walls of said casing, pressure means connected to said inlet, pressure means connected to act upon material discharged from said outlet, and separate control means for said pressure means.

1,574,184. SEWING MACHINE. EDWARD F. BRIGHAM and JAMES N. DANIELS, Newark, N. J., assignors to Benjamin & Johnes, a Corporation of New Jersey. Filed Feb. 6, 1923. Serial No. 617,229. 7 Claims. (Cl. 112—2.)



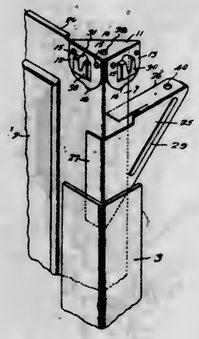
1. In a sewing machine, a stitch-forming mechanism including a needle, means for actuating said needle, work-feeding means, and a presser-foot, means for automatically interrupting action of said needle, and a trip mechanism for controlling said interrupting means and including a trip finger to constantly yieldingly engage the surface of said work and actuated by variations in the work surface, said trip mechanism being mounted on said presser-foot for relative movement thereto whereby said presser-foot may be raised and lowered without affecting the relation of said trip mechanism to the surface of the work.

1,574,185. AUTOMATIC WORK-FEED CONTROL FOR SEWING MACHINES. EDWARD F. BRIGHAM and JAMES N. DANIELS, Newark, N. J., assignors to Benjamin & Johnes, a Corporation of New Jersey. Filed Sept. 8, 1923. Serial No. 661,562. 25 Claims. (Cl. 112—203.)



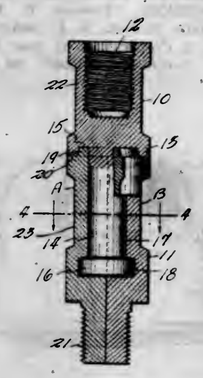
1. In a sewing machine, stitch-forming mechanism including a needle, means for actuating the same, and work-feeding means, the movements of said work-feeding means and said needle having a normal definite relation, means for varying the movements of said work-feeding means independently of the movements of said needle, electromagnetic means for operating the last-mentioned means, and electric switch mechanism actuated by variations in the work surface for controlling said electromagnetic means.

1,574,186. SHEET-METAL CONSTRUCTION. LEE S. CHADWICK, Shaker Heights Village, Ohio, assignor to Perfection Stove Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 27, 1922. Serial No. 532,228. 7 Claims. (Cl. 126—304.)



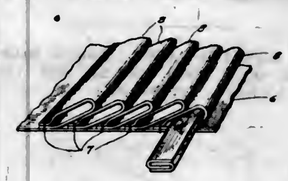
1. In a construction of the character set forth, the combination of three walls disposed at a given angle one to the others, a corner bracket having three parts correspondingly related, one of said parts being arranged to engage the inner surface of one wall while the other two parts are arranged to overlie the adjacent surface of the other walls, and means connecting the first mentioned part to the wall whose inner surface it engages, the other two parts having portions interlocking with portions of the walls which said parts overlie.

1,574,187. SWIVEL JOINT. CHARLES S. CRICKMER, Dallas, Tex., assignor to The Guiberson Corporation, Dallas, Tex., a Corporation of Delaware. Filed May 15, 1924. Serial No. 713,408. 6 Claims. (Cl. 287—91.)



5. In a rod joint, a swivel member having a rod coupling member at one end and a mandrel at its opposite end surrounded by a flange fixed relatively to the mandrel and extending parallel to its axis to form a recess, and a cooperating member formed in separable sections and with means to enter the recess of the swivel member and means engaging with said mandrel, the opposite end of said cooperating member being adapted to receive a rod coupling to prevent lateral displacement of the sections.

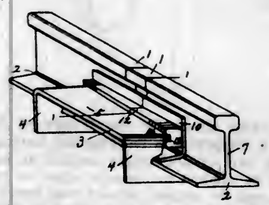
1,574,188. PROTECTING DEVICE. JACOB H. FRIEDMAN, New York, N. Y. Filed Dec. 18, 1924. Serial No. 756,664. 8 Claims. (Cl. 89—36.)



6. A protective garment embodying wood pulp wool impregnated with metal.

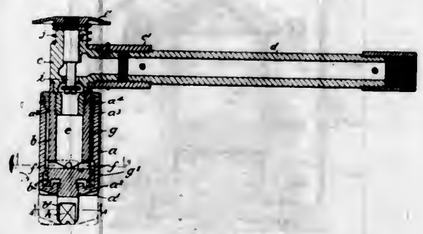
8. A protective garment embodying interlocked and overlapping strips of metal and metal impregnated wood pulp wool.

1,574,189. RAIL JOINT. DAVID A. FRAMPTON and GEORGE E. DENNISON, Youngstown, Ohio. Filed Nov. 10, 1924. Serial No. 748,832. 1 Claim. (Cl. 238—260.)



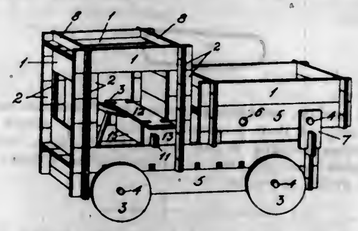
In a device of the class described, a yoke formed of flat iron or steel having ends turned downwardly at right angles after desired inner portion has been cut out forming a seat for the bases of ordinary rails, two fish plates having outwardly extending base flanges, a projection formed on one of said fish plates for the purpose of functioning with an opening in the end of the neck of a rail, a tapered wedge having a channeled edge, said wedge functioning between the oppositely disposed edge of the central portion of the yoke and one of the fish plates, substantially as described for the purpose set forth.

1,574,190. PERCUSSIVE TOOL FOR SCALING BOILER SURFACES. PERCY GILBERT HANDOLL, Lewisham, London, England. Filed Mar. 30, 1921. Serial No. 457,129. 3 Claims. (Cl. 15—104.07.)



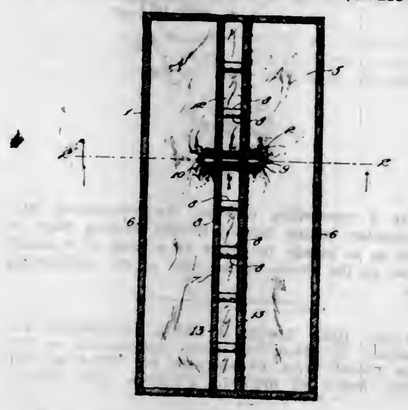
1. An improved percussive tool operated by fluid pressure and comprising an inner member adapted to be held firmly against the work, an outer member forming the percussive body mounted to reciprocate longitudinally on the inner member and forming with the inner member an annular pressure chamber or space, against the opposite ends of which the pressure fluids act to effect the forward and return strokes of the percussive body, and means controlling the supply, distribution and exhaust of the pressure fluid substantially as described.

1,574,191. BUILDING BLOCKS. RAY H. GROVES, Portland, Oreg., assignor to Bonnie J. Groves, Portland, Oreg. Filed July 31, 1923. Serial No. 654,801. 1 Claim. (Cl. 46—35.)



A toy of the character described, formed from flat, rectangular structural members, having transverse notches in their edges, certain of said members having perforations near one edge, cylindrical structural members adapted to be inserted in said perforations, wheel-shaped structural members adapted to be pressed on the ends of certain of the cylindrical members, certain of the flat rectangular structural members having perforations near one end to receive the ends of certain of said cylindrical members, whereby said structural members may be assembled to form a toy of the character shown in Fig. 9.

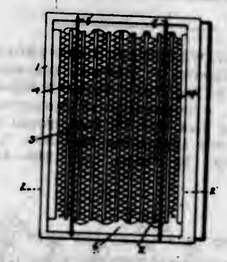
1,574,192. DISPLAY PAD FOR BARRETTES AND THE LIKE. SOL GUTTERMAN, Brooklyn, N. Y. Filed Feb. 21, 1925. Serial No. 10,834. 5 Claims. (Cl. 211—28.)



1. A display pad comprising a body consisting of a soft flexible facing and a relatively stiff textile backing and a cushion layer between said facing and backing, and a holding strip secured to said facing upon a portion of the body where the facing and backing and cushion layer are free from one another transversely of the pad, whereby the cushioning effect of the cushion layer upon an article mounted on the pad is independent of the attachment of the holding strip.

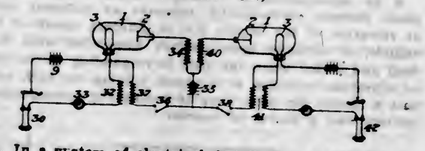
1,574,193. ELECTRIC PAINT BURNER. WARREN W. HASLETT and JAMES BLAIR, Baltimore, Md. Filed July 3, 1924. Serial No. 723,923. 2 Claims. (Cl. 219—29.)

2. An electric paint burner, comprising a box, a piece of non-conducting material within said box extending across the front and one side thereof, resistance wires secured to the outer surface of the front of said conducting material, resistance wires secured to the outer surface of the side of said non-conducting material, a contact plate connected to the resistance wires at the front of the box, a contact plate connected with the resistance wires at the side of the box, two binding posts one of which is connected to the resistance wires



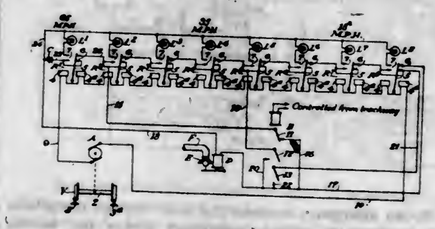
at the front of the box, a switch connected to the other binding post and having a blade adapted to be thrown into contact with either of said contact plates to establish a circuit to either the resistance wires at the front or the wires at the side of the box, and guides extending across the front and side of the box.

1,574,194. ELECTRIC SWITCH. PETER COOPER HEWITT, Ringwood Manor, N. J., assignor to Cooper Hewitt Electric Company, Hoboken, N. J., a Corporation of New Jersey. Filed Mar. 17, 1916. Serial No. 84,785. 2 Claims. (Cl. 179—81.)



1. In a system of electrical distribution a switch comprising an evacuated container and electrodes therein, a direct current source leading to one of the electrodes through a transformer primary and leading in the opposite direction through the secondary of a second transformer into connection with a separate circuit having a primary cooperating with the secondary of the original circuit and included in a circuit having a source of direct current and a transmitting and a translating device, the source of direct current being connected to one of the electrodes so as to heat the same.

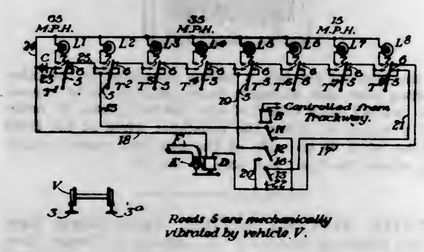
1,574,195. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. LEMUEL F. HOWARD, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed May 26, 1924. Serial No. 715,870. 38 Claims. (Cl. 246—187.)



10. In combination, a railway vehicle, means thereon for generating a periodic current the frequency of which is proportional to the speed of the vehicle, a plurality of receivers supplied with said periodic current and

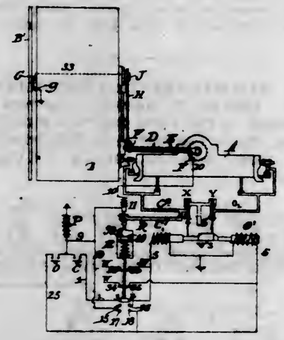
tuned to respond to different frequencies, a normally open contact associated with each receiver and arranged to be closed when the receiver is responding to the frequency for which it is tuned, and indicating means controlled by said contacts.

1,574,196. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. LEMUEL F. HOWARD, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Original application filed May 26, 1924, Serial No. 715,870. Divided and this application filed Nov. 7, 1925. Serial No. 67,549. 10 Claims. (Cl. 246—182.)



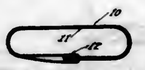
8. In combination, a railway vehicle, a plurality of reeds thereon mechanically resonant at different rates of vibration of the vehicle due to different speeds of the vehicle, a normally open contact associated with each reed and closed when the reed is responding to the rate of vibration to which it is tuned, a lamp for each reed, and a circuit for each lamp including the corresponding contact and a source of current.

1,574,197. DOOR-ENGINE CONTROL. LEE P. HYNES, Albany, N. Y., assignor to Consolidated Car-Heating Company, Albany, N. Y., a Corporation of West Virginia. Filed Mar. 6, 1920. Serial No. 363,750. 34 Claims. (Cl. 105—341.)



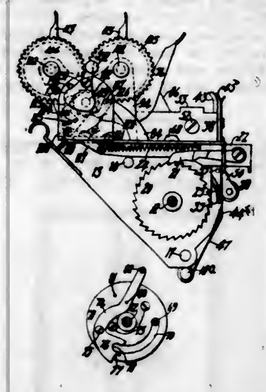
1. An emergency reverser for door engines comprising an engine-valve shifter, emergency means for moving said shifter in one direction, automatically controlled means for moving the said shifter in the other direction, and means for temporarily retarding the operation of said automatically controlled means.

1,574,198. NECKTIE. HENRY JAMES JONES, Sydney, New South Wales, Australia. Filed Apr. 7, 1925. Serial No. 21,294. 2 Claims. (Cl. 2—146.)



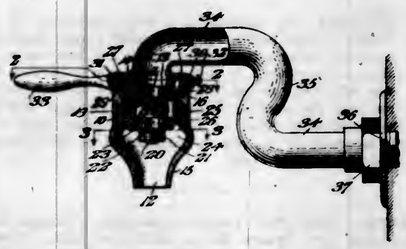
1. A necktie, comprising two strips of material united along both of their longitudinal edges by a single line of stitches forming a pair of flattened tubes, one of said tubes and the line of stitches being entirely enclosed within the other tube.

1,574,199. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 5, 1923. Serial No. 622,909. Renewed May 1, 1925. 23 Claims. (Cl. 197—135.)



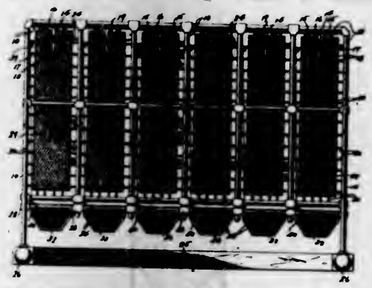
1. In a typewriting machine, the combination with a cylindrical platen having thereon feeding rings so spaced as to engage the edges of a card, of a handle secured to the platen at one side of the card-feeding rings.

1,574,200. BIB. ALFRED B. LEWIS, Philadelphia, Pa., assignor, by direct and mesne assignments, to William Russell Stott, Philadelphia, Pa. Filed Jan. 11, 1922. Serial No. 528,367. 2 Claims. (Cl. 251—8.)



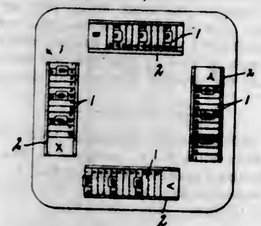
1. In a bib, a head having an inlet port opening into a recess of greater diameter, a valve member arranged to fit within said recess for free sliding movement to open or close said inlet port, a nozzle threaded to said head and having a chamber of larger diameter than said recess located on the discharge side of said valve member and communicating with the outlet of said nozzle, the periphery of said valve member comprising a plurality of axially disposed ribs to provide paths to subdivide the flowing liquid into a plurality of streams, and means cooperating with said head for controlling the movement of said valve member.

1,574,201. AMUSEMENT DEVICE. EDWARD M. LYNCH, Bloomfield, N. J. Filed June 25, 1925. Serial No. 39,480. 7 Claims. (Cl. 273—103.)



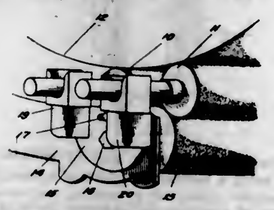
1. An amusement device utilizing basketballs, comprising a stall formed by resilient back and side walls, a back-board in the rear of said stall, a vertical open ended basket mounted adjacent to said back-board, an inclined ball-return runway extending from beneath said basket and outwardly from said stall, and a player positioning rail spaced from said stall and its runway.

1,574,202. DEVICE FOR USE IN PLAYING DUPLICATE WHIST. GRACE WEED MARSHALL, Binghamton, N. Y. Filed Apr. 4, 1922. Serial No. 549,423. 10 Claims. (Cl. 273—151.)



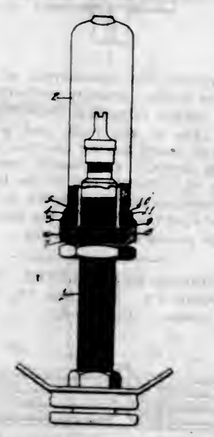
1. A card apparatus comprising an individual card holder for each player, each holder comprising a series of over-lapping pockets, and each holder having indicia indicating the dealing time of the player using that holder.

1,574,203. APPARATUS FOR ADJUSTING LITHOGRAPHIC-MACHINE DAMPING ROLLERS. HARRY GREAVES NALL, Sydney, New South Wales, Australia. Filed Apr. 29, 1925. Serial No. 26,583. 3 Claims. (Cl. 101—147.)



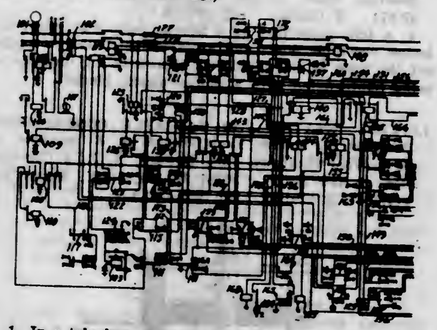
1. Apparatus for adjusting and evenly distributing the pressure on the plate damping rollers mounted between the plate cylinder and the brass damping roller of a lithographic machine comprising a bracket adapted to be oscillated on the control lever at each end of the brass damping roller, and a bearing for each plate damping roller mounted on the bracket.

1,574,204. PRESSURE-GAUGE CAP. CURTIS C. NEAL, Marmet, W. Va., assignor, by mesne assignments, to Tiregauge Valve Corporation, Charleston, W. Va., a Corporation of West Virginia. Filed Oct. 21, 1922. Serial No. 595,978. 1 Claim. (Cl. 152—12.)



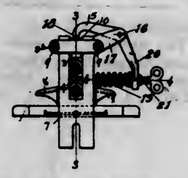
A transparent cap for pneumatic pressure gauge stems comprising a metal base having a screw-threaded opening and a cap receiving socket; a glass cap having a shoulder at its open end; a soft closure wire on the shoulder; and an inturned edge of the wall of the socket engaging the wire and seating the same on the shoulder the outer wall having a diameter preventing the out-springing of the wire and the inturned edge preventing the up-springing of the wire away from the shoulder making a permanent connection between the base and the glass cap.

1,574,205. TELEPHONE SYSTEM. LIPA BOLINKOWSKY, Antwerp, Belgium, assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 15, 1924. Serial No. 713,428. 6 Claims. (Cl. 179—18.)



1. In a telephone system, subscribers' lines arranged in groups, a plurality of separately operable selective switches each having access to a different group of said lines, a single link circuit terminating in all of said switches, a register individual to said link circuit, and means controlled by said register for selecting one of said switches and for operating the selected switch to extend said link circuit to one of the subscribers' lines.

1,574,206. WRINGER. WILLIAM ROBERTSON, Erie, Pa., assignor to Lovell Manufacturing Company, Erie, Pa., a Corporation of Pennsylvania. Filed Aug. 2, 1921. Serial No. 489,174. 3 Claims. (Cl. 68—82.)



1. In a wringer, the combination of a frame; rolls mounted in the frame; pressure mechanism for the rolls comprising a spring extending outwardly from a plane through the axes of the rolls, and a lever pivotally mounted on the frame having one end subjected to the action of the spring; and means communicating the pressure from the opposite end of the lever to the rolls comprising a release device adapted to break the communication between the lever and the rolls and release the rolls from the pressure of the spring.

1,574,207. FORGED BRAKE LEVER. FREDERIC SCHAEFER, Pittsburgh, Pa. Filed May 18, 1925. Serial No. 30,957. 1 Claim. (Cl. 74—5.)

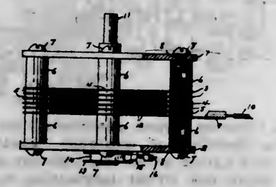


A forged lever for railway brakes having a central web and flanges formed integrally with and at the edges of said web and having end eyes and an intermediate eye, said web being provided adjacent to said intermediate eye with a concave-convex yoke-engaging projection extending beyond the plane of the sides of the flanges and of the boss surrounding said intermediate eye, the metal forming said projection being of substantially the same thickness as the web, and the convex side of the projection of one brake lever nesting in the concave side of a second brake lever when said second brake lever is stacked upon the first-named brake lever.

1,574,208. FELTED BOX-TOE STOCK AND METHOD OF MAKING THE SAME. HENRY PHILIP SHOPNECK, Dorchester, Mass., assignor to John J. Daly, West Newton, Mass. Filed July 31, 1925. Serial No. 47,371. 5 Claims. (Cl. 92—3.)

1. A felt, consisting of a fibrous pulp, and relatively longer vegetable fibres and asbestos distributed throughout the mass in felted relation therewith and capable of being impregnated with a thermo-plastic binder.

1,574,209. STATOR FOR VARIABLE CONDENSERS. PRESTON M. SMITH, East Orange, N. J., assignor to U. S. Tool Company, Inc., Newark, N. J., a Corporation of New Jersey. Filed June 4, 1924. Serial No. 717,705. 2 Claims. (Cl. 250—41.)



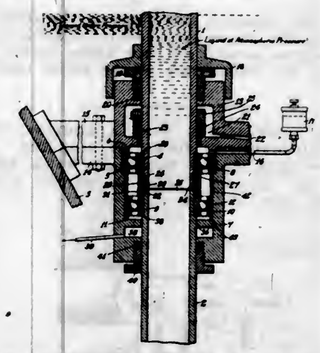
1. In a condenser, the combination of a pair of end plates, means for connecting said plates together comprising a plurality of screw threaded posts, tubular insulating members screwed upon the ends of each of said posts, and screws passing through apertures in said plates and screwed into the ends of said tubular members, with a plurality of stator plates spaced apart and supported upon said posts between said tubular members.

1,574,210. METHOD AND APPARATUS FOR STEAMING GRAIN AND THE LIKE. HORACE R. SPAULDING, San Francisco, Calif. Filed Oct. 29, 1924. Serial No. 746,699. 3 Claims. (Cl. 83—27.)



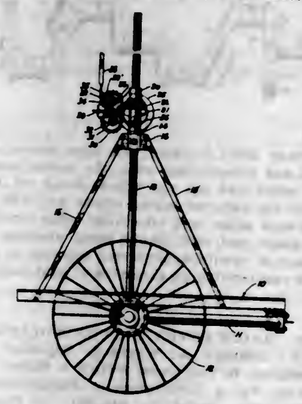
1. An apparatus for steaming grain comprising a chute arranged for gravity descent of grain therethrough, angularly disposed baffles within the chute for deflecting the grain including superimposed pairs of baffles arranged in gable roof formation with upper edges abutting to prevent entrance of grain and with an open space below the lower edges permitting the grain to flow together under the lower edges of the next lower pair of baffles and over the apex thereof, and a steam pipe extending into the chute positioned under the gabled baffles at a point above any grain so flowing together and perforated along its under side for ejection of steam at the upper surface of said grain.

1,574,211. SUBMERGED BEARING MOUNTING. JOHN TAYLOR, Bronxville, N. Y., assignor to The Hess-Bright Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed July 29, 1925. Serial No. 46,723. 7 Claims. (Cl. 308—187.)



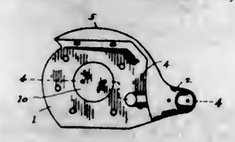
4. The combination with a pair of endwise abutting tubes, there being a bearing seat formed adjacent the ends of the respective tubes, of a housing surrounding such ends, an anti-friction bearing mounted on each seat and in the housing, and a labyrinth for shielding the juncture between the tubes.

1,574,212. LEVELING MECHANISM FOR COMBINED HARVESTERS. LOWELL H. THOEN, Stockton, Calif., assignor, by mesne assignments, to Caterpillar Tractor Co., a Corporation of California. Filed May 1, 1924. Serial No. 710,425. 7 Claims. (Cl. 56—209.)



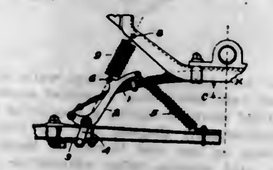
1. In a combined harvester having a carrying wheel journaled upon a crank axle, mechanism for swinging said axle to raise and lower the wheel for the purpose of leveling the harvester on a side hill, said raising and lowering mechanism including a screw shaft connected with the crank axle, a driving sleeve for said screw shaft and power-operated means for actuating said driving sleeve.

1,574,213. GOLF CLUB. RALPH G. TYLER, Bradford, Pa. Filed Apr. 3, 1923. Serial No. 629,596. Renewed Dec. 2, 1925. 2 Claims. (Cl. 273—77.)



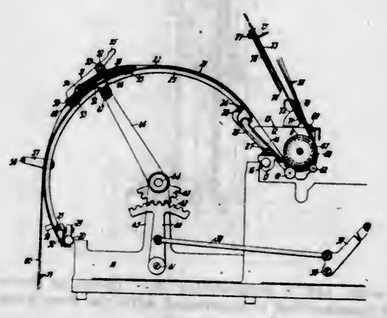
1. A golf club comprising a one-piece metal frame member having an upstanding back portion formed integral with the neck of the frame and a sole portion extending forwardly from the base of said back there being an opening in the sole located on a center line to the rear of the center line of the neck, a wooden head block secured to the sole and back and having a recess to register with the said opening, and a weight piece removably connected to the sole, and fastening means between the weight piece and the head block.

1,574,214. SHOCK-ABSORBING DEVICE FOR VEHICLES. FRANK L. O. WADSWORTH, Pittsburgh, Pa. Filed June 8, 1922. Serial No. 566,911. 21 Claims. (Cl. 267—17.)



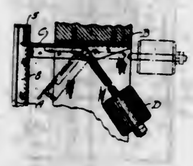
1. In an elastic suspension system for vehicles the combination of a rocking member, a plurality of springs operatively connected thereto, and means for effecting a substantial change in the angular position of the said member with respect to the flexural axis of one of said springs without substantially altering the initial tension of the latter, substantially as described and for the purpose specified.

1,574,215. TYPEWRITING MACHINE. JOHN WALDHEIM, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed June 2, 1923. Serial No. 642,961. 23 Claims. (Cl. 197—127.)



1. In a machine of the class described, a platen, a carriage for the platen, a frame on which the carriage travels, a carbon-carrier at the rear of the platen to retract and hold carbon-sheets in retracted position, a table, on which the carbon-carrier travels, connected with the carriage to travel therewith and curved to provide a great range of movement for the carbon-carrier as compared with the limited height and the distance from front to rear of the space occupied by the table, and means on said frame for actuating said carbon-carrier irrespective of the position of the carriage.

1,574,216. FIRE STOP FOR ELEVATOR DOORS. HERMAN C. WALDMAN, St. Louis, Mo. Filed July 28, 1922. Serial No. 578,264. 5 Claims. (Cl. 189—46.)

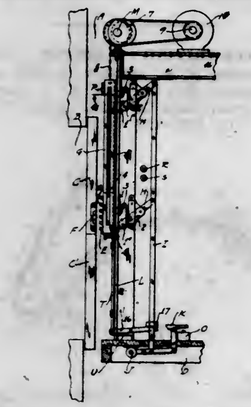


1. An elevator fire door structure, comprising a top door section spaced away from the lintel of the door opening so as to form a passageway for a vertically-aligned door located at a higher level, and an oscillating fire stop carried by the lintel that normally acts as a closure for the space between said door section and lintel when said top door section and the door above are in their closed position.

1,574,217. ELEVATOR-DOOR-OPERATING DEVICE. HERMAN C. WALDMAN, St. Louis, Mo. Filed Mar. 31, 1923. Serial No. 629,120. 5 Claims. (Cl. 187—52.)

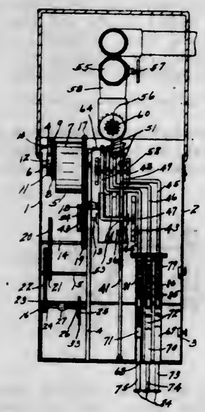
3. An operating mechanism for elevator shaft doors, comprising a vertically-disposed housing or guideway, a stationary supporting structure on an elevator car on which said housing is normally mounted, a manually-operable means for moving said housing towards and

away, from the door at which the elevator car is standing, co-operating means on said housing and supporting structure for guiding the housing and limiting the movement



of same, and a reciprocating door operating device in said housing that is interlocked with the door when the housing is in its extended position.

1,574,218. VENDING MACHINE FOR LIQUID DISPENSERS. IRWIN WALDSMITH, Rocky Ford, Colo. Filed Oct. 29, 1924. Serial No. 746,456. 4 Claims. Cl. 194—29.)



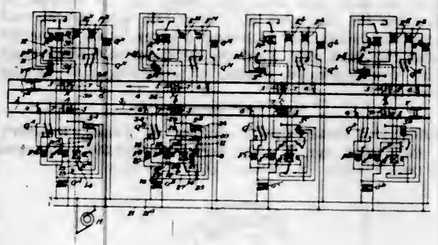
4. In a liquid dispenser, a drum operated spring motor, said drum having a transversely cut groove and longitudinally cut grooves having shallow portions varying in lengths corresponding with the value of the coin inserted; a locking lever engaging said transverse groove to keep the drum from rotating under the influence of the spring motor; a set of trip levers for releasing the locking lever which cause the said locking lever to follow one of the longitudinally cut grooves depending upon the particular trip lever operated by an inserted coin; a valve for dispensing liquid; and means engaging said locking lever and said valve for holding open said valve for varying lengths of time depending upon the length of the shallow portion of the particular groove in which the locking lever travels.

1,574,219. CRANK SHAFT. CLINTON L. WALKER, Piedmont, Calif. Filed Apr. 26, 1924. Serial No. 709,298. 4 Claims. (Cl. 74—38.)



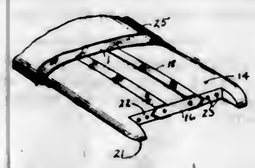
1. A crank shaft provided with four cranks, a pair of end webs and intermediate webs, the center cranks being set 180° apart and the end cranks being set 180° with relation to the adjacent center cranks and 180° with relation to each other, and all cranks being arranged on a common plane and said cranks being disposed in pairs, and a pair of counterweights one opposite to each endmost web and forming an extension of said webs.

1,574,220. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. HERBERT A. WALLACE, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed May 25, 1923. Serial No. 641,389. 10 Claims. (Cl. 246—37.)



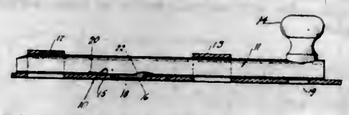
1. In combination, a section of railway track, a second section of railway track parallel therewith, and means controlled by traffic conditions in each said track for supplying local train controlling current to the two said sections in series.

1,574,221. DEVICE FOR SWIMMING-BELT CONSTRUCTION. JOHN M. WELCH, Houston, Tex. Filed Apr. 21, 1924. Serial No. 708,072. 5 Claims. (Cl. 18—35.)



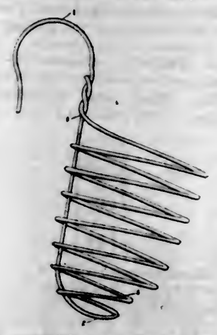
1. A device for placing longitudinal walls in a pneumatic life belt tube comprising a central section of approximately rigid material having a tongue on each side extending longitudinally thereof, and two side sections having a groove on one side thereof to loosely receive said tongues, said grooves being adapted to receive a strip of flexible material fitting over each said tongue whe said tongues are in said grooves, said flexible strip having exposed edges for cementing.

1,574,222. DOOR AND WINDOW BOLT. LOUIS WENSEL, Los Angeles, Calif., assignor to Weiser Hardware Manufacturing Company, Los Angeles, Calif., a Corporation of California. Filed Aug. 23, 1923. Serial No. 658,907. 4 Claims. (Cl. 292—152.)



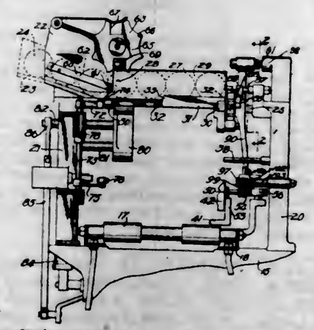
1. A bolt embodying a base member, a bolt bar longitudinally slidable on the base and having a stop shoulder formed thereon, keepers for guiding the bar in its longitudinal movement, a socket in the base, a spring interposed between the base and the bar, a portion of the spring projecting into the socket to position the spring with respect to the bar and base, said spring being adapted to thrust the bar into frictional contact with the keepers, and the free end of said spring being adapted to positively engage the shoulder on the bar for positively limiting the extent of longitudinal movement of the bar in one direction.

1,574,223. CAPRI-FIG BASKET. GEORGE L. WILCOX, Escalon, Calif. Filed Feb. 7, 1923. Serial No. 617,638. 4 Claims. (Cl. 220—19.)



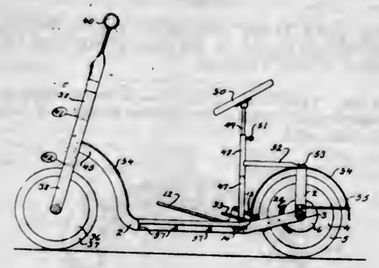
1. A basket comprising a helically wound coil formed of a single piece of wire, said wire at the bottom of the coil being bent to extend upwardly to the top of the basket and then serving as a hanger for the basket.

1,574,224. CAN-ARRANGING MACHINE. GEORGE WILCOX, Riverside, Calif., assignor to California Canning Machinery Co., a Corporation of California. Filed Mar. 28, 1923. Serial No. 628,249. 13 Claims. (Cl. 226—14.)



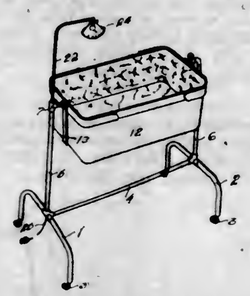
1. In a device of the class described, the combination of: a delivery member which receives objects from a previous operation; a receiver into which said objects are to be deposited in consecutive rows; a depositing member into which said objects are delivered by said delivery member, said depositing member receiving at each operation thereof a number of cans comprising a row in said receiver; and means operative from said depositing member for advancing said receiver as the rows of said objects are deposited therein by said depositing member.

1,574,225. COASTER. MAXIMUS L. WILSON, Wichita, Kans. Filed Jan. 20, 1925. Serial No. 3,644. 4 Claims. (Cl. 208—37.)



1. In bicycle propelling mechanism, a cross-shaft, a supporting frame, a gear wheel rotatable on said shaft, a disc in approximate contact with said shaft and loose thereon, a pinion coaxial with and secured to the disc, and a circular series of drive pawls mounted in apertures in the gear wheel; said disc being provided with a series of openings being one less in number to that of the pawls in said gear so that the pawls will engage one at a time with said openings.

1,574,226. BASSINET. ALOIS R. ACKERMANN, Spokane, Wash. Filed May 5, 1925. Serial No. 28,184. 1 Claim. (Cl. 5—101.)

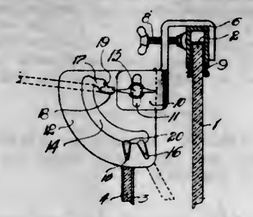


The combination with a supporting frame comprising a head post having a screw bar and hand wheel thereon and a foot post having a perforated trunnion thereon, of a bassinet having frame sections attached thereto, a bracket on one frame section having a nut to receive said screw bar, a bracket on the other frame section having a bearing cup for said trunnion, said bearing cup having a perforation therethrough, and a cotter pin for securing said cup and trunnion.

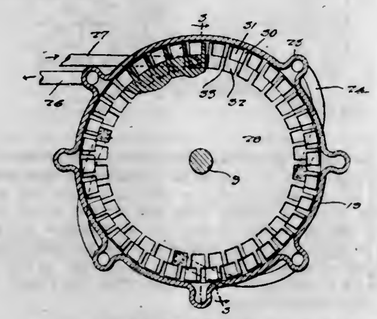
1,574,227. GLARE SCREEN. PETER J. ANDERSEN, Spokane, Wash. Filed May 11, 1925. Serial No. 29,388. 8 Claims. (Cl. 296—97.)

1. The combination with attaching means of a pair of slotted bracket plates and a complementary pair of sup-

porting plates and clamping means therefor, of a glare screen having a pair of opposed trunnions, said supporting plates having complementary slots therein and complementary notches in the walls of said slots for the reception of said trunnions.



1,574,228. TURBINE. JOHN DIAZ ATWOOD, Marion, Ill. Filed Oct. 7, 1925. Serial No. 61,091. 3 Claims. (Cl. 253—66.)



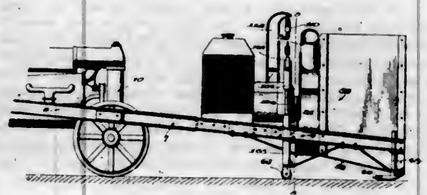
1. A turbine of the class described including a casing, a rotor in the casing, said rotor provided with peripheral fins and side surface fins for forming peripheral pockets and pockets in the side surfaces communicating with the peripheral pockets, means for impinging steam against the side pockets, outlets extending from the periphery of the casing, and pipes leading from said outlets alternately to the two sides of the casing for allowing expanding steam to impinge the side pockets.

1,574,229. COIN-STORAGE TRAY AND SUPPORTING MEANS THEREFOR. EDWARD J. BRANDT, Watertown, Wis., assignor to Brandt Automatic Cashier Company, Watertown, Wis. Filed Mar. 8, 1921. Serial No. 450,585. 13 Claims. (Cl. 133—11.)



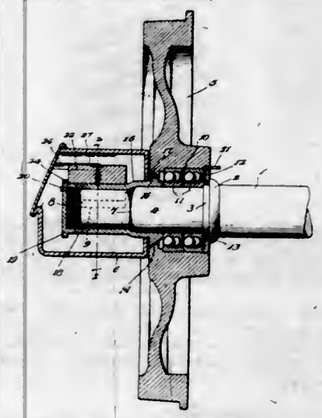
1. A storage tray for coins, having means for attachment to money changers, said tray having a plurality of coin channels varying in size to correspond with the varying size of the coin channels of the money changers, said channels of the tray being divided by transverse partitions, and said channels and partitions varying in sizes to accommodate coins of different denominations, and constructed and arranged whereby the exposed edges of all the coins will be maintained in substantially the same plane.

1,574,230. SNOWPLOW. FRANK W. BROWN, Fort Dodge, Iowa. Filed Aug. 7, 1924. Serial No. 730,692. 5 Claims. (Cl. 37—48.)



5. In a snow plow, the combination of a frame, a scoop carried thereby, means normally supporting the scoop, standards slidably carried by the frame and having ground contact members, and means connected to the standards to move the same downwardly to lift the forward portion of the scoop from the ground.

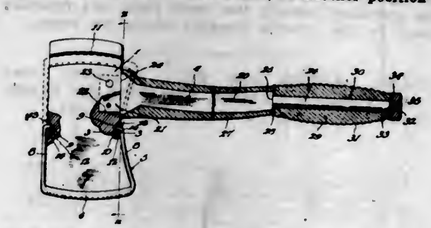
1,574,231. CAR WHEEL. ANDREW L. CARROLL, St. Louis, Mo., assignor of one-third to Fred D. Johnson, St. Louis, Mo. Filed Aug. 5, 1925. Serial No. 48,346. 2 Claims. (Cl. 295—36.)



1. A car wheel structure comprising a wheel body having a central chamber larger at the inner side of the wheel than at the outer side thereof, anti-friction bearings fitted in said chamber and abutting at one side the outer wall of said chamber, a cap plate secured in the inner side of the car wheel body to close the inner end of said chamber and abut the said bearings, an axle provided with annular shoulders abutting the inner sides of the bearings and the said cap respectively, and an annular shoulder circumscribing the axle at the outer side of the car wheel and fitting within the end of the opening through the car wheel.

1,574,232. COMBINED AX AND BLADE GUARD THEREFOR. JOHN D. CASE, Olean, N. Y. Filed Mar. 12, 1925. Serial No. 15,108. 9 Claims. (Cl. 145—2.)

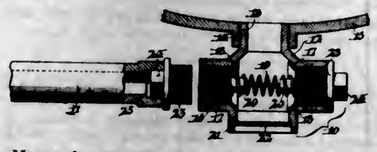
8. In a device of the class described, in combination, an ax blade having sockets in its front and rear edges, and a guard for the cutting edge of the blade comprising side members and a guard member supported thereby, the side members having pintles seating in the sockets and swingingly connecting the guard with the blade whereby, in one position of swinging adjustment of the guard, the guard member will extend along and shield the cutting edge of the blade and, in another position of adjustment of the guard, will lie beside the blade at a point remote from said cutting edge, the blade being provided in one face with a pocket to accommodate the said guard member in the last mentioned position of adjustment of the guard.



1,574,233. MANUFACTURE OF POWDERED MILK. NORMAN HENRY CHRISTENSEN, Windsor, Victoria, Australia. Filed Apr. 23, 1925. Serial No. 25,435. 12 Claims. (Cl. 99—5.)

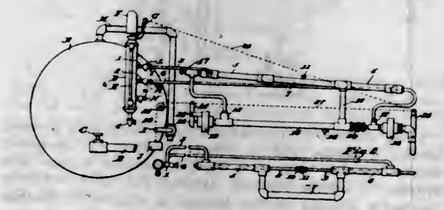
12. A process of manufacturing dried milk which consists in first adding a quantity of sodium oxalate to milk to precipitate a portion of the calcium content, treating the milk to remove the precipitated calcium, adding quantities of sodium citrate and an alkali to the milk, and then desiccating the milk by passing it in a thin film or layer over a heated roller.

1,574,234. MEANS FOR DRAINING MOTOR-VEHICLE CRANK CASES AND THE LIKE. ARTHUR B. CUMNER, Philadelphia, Pa. Filed Feb. 27, 1925. Serial No. 12,050. 14 Claims. (Cl. 137—139.)



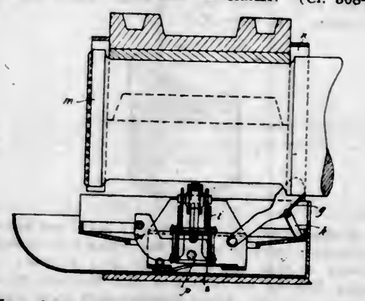
1. Means for draining motor vehicle crank cases including a drain valve having a self-seating closure, in combination with a valve opening conduit adapted to drain off the contents of the crank case.

1,574,235. BOILER-WATER-LEVEL AUTOMATIC CONTROL APPARATUS. LEWIS C. DAVIS, Baltimore, Md. Filed Apr. 3, 1925. Serial No. 20,526. 5 Claims. (Cl. 122—451.1.)



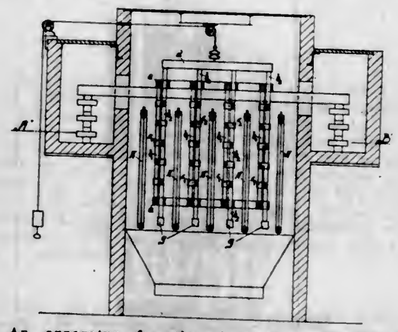
1. In a boiler water level automatic control apparatus, a chamber, means forming communication between the interior of the boiler and said chamber, and means for forming communication between the boiler and said chamber at a lower level so that as the water level lowers in the boiler the water in said chamber will drain therefrom, in accordance with the water level, through the latter means, allowing steam to enter said chamber from the boiler through the former means, and so that as the water level rises the inflow of water through the second mentioned means will drive the steam from said chamber through the first mentioned means, in combination with a container normally sealed and extending in said chamber, an operative agent in said container of such nature as to be acted upon by the heat of the steam thereon and so caused to expand to generate pressure in said container and to be condensed back to normal by immersion of the container in water of normal boiler temperature, means actuated by the expansion of said agent in said container for causing the supply of water to the boiler until the water level has been raised sufficiently to drive the steam out of said chamber and act on said container to cool the agent therein to reduce the pressure therein, and means adapted to put said chamber and said container temporarily in communication to fill said container.

1,574,236. APPARATUS FOR LUBRICATING THE AXLE BEARINGS OF VEHICLES AND THE LIKE. GEORG DUFFING, Hamburg, Germany. Filed June 5, 1924. Serial No. 718,118. 2 Claims. (Cl. 308—91.)



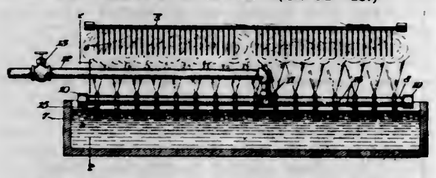
1. In a lubricating apparatus of the type wherein the lubricant is delivered to the surface of the journal by means of a ring dipping in the lubricant, the combination of a vertically and horizontally movable roller with concave bearing periphery, and a delivering ring having a knife-edge inner running surface suspended loosely on the concave bearing periphery of said roller, whereby the greatest possible freedom of movement is afforded to the ring in its work of delivering lubricant.

1,574,237. APPARATUS FOR THE ELECTRICAL PURIFICATION OF GASES. HANS EDLER, Gelsenkirchen, Germany. Filed Feb. 9, 1925. Serial No. 8,075. 7 Claims. (Cl. 183—7.)



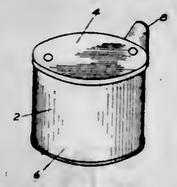
1. An apparatus for the electrical purification of gases, comprising bars of angular shape in cross section serving as collecting electrodes, and sparking electrodes consisting of flat bands arranged with their narrow edges facing towards the collecting electrodes.

1,574,238. METHOD OF IMPREGNATING MATCH SPLINTS TO PREVENT AFTERGLOW. WILLIAM J. ELDER and CHARLES N. MORRHOUSE, Oswego, N. Y., assignors to The Diamond Match Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 9, 1923. Serial No. 673,692. 2 Claims. (Cl. 91—45.)



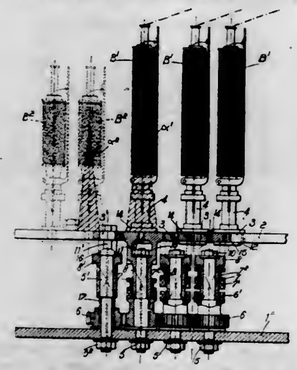
1. A process of treating match splints which consists in subjecting the individual splints to a fine spray of a concentrated solution of material adapted to impregnate the splints and prevent after-glow.

1,574,239. CAN. CHAMPE GERALDINE FITZHUGH, Washington, D. C. Filed Mar. 17, 1925. Serial No. 16,122. 2 Claims. (Cl. 220—85.)



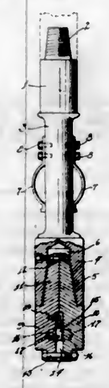
1. A closed container having side walls and end walls, the container being so shaped that there is no substantial clearance between the side walls of a plurality of adjacently disposed containers of like character when the said containers are packed together with their side walls in substantial contact, the container having a portion projecting beyond the edge of one of the end walls substantially in alinement with the side walls to form a spout, whereby the spout occupies a minimum space between the side walls of adjacently disposed containers, so as to permit packing the containers with their side walls in substantial contact.

1,574,240. CARRIER-DRIVE HEAD FOR LACE-BRAIDING MACHINES. HENRI FONTY, Paris, France, assignor to Societe Anonyme des Etablissements Lefiaine and Jean Jacques Knecht, Paris, France. Filed Nov. 9, 1925. Serial No. 67,955. 2 Claims. (Cl. 96—12.)



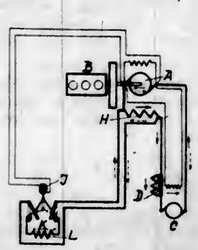
1. A lace braiding machine including in combination, upper and lower plates the upper of which is provided with a circular raceway, a series of discs arranged in the raceway and dividing the same into slots, braiding carriers mounted to slide in said slots, and drivers carrying the discs and arranged between the plates and including spindles each driver being provided with a recess positioned beneath the upper plate, and fastening means for the spindles arranged within the recess.

1,574,241. RIPPER FOR WELL CASINGS. JOHN ARTHUR FRANCIS, Parkerton, Wyo. Filed Nov. 3, 1924. Serial No. 747,662. 3 Claims. (Cl. 81—193.)



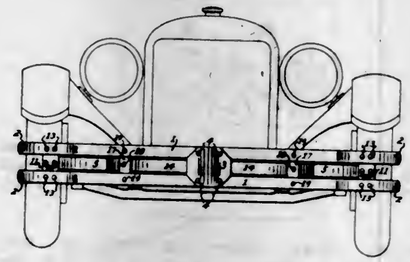
2. A casing ripper comprising a body portion having a tapered threaded recess, a cutter block composed of two sections adapted to be secured together and having contiguous portions constituting an extension and threaded to enter the threaded recess in the socket, said sections having registering recesses constituting a slot, and registering bores, and cutter blades disposed in said slot and having trunnions arranged to enter said bores.

1,574,242. ELECTRIC DRIVING INSTALLATION. WILLY FRENSDORFF, Bremen, Germany, assignor to Actien-Gesellschaft "Weser," Bremen, Germany, a Corporation of Germany. Filed July 23, 1925. Serial No. 45,581. 4 Claims. (Cl. 172—239.)



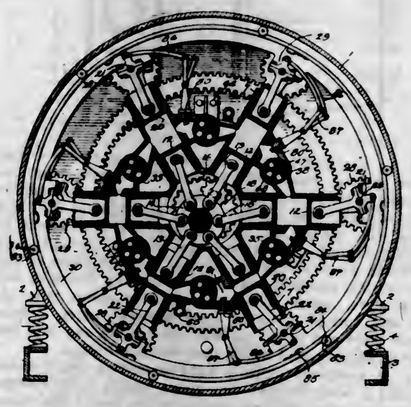
1. An electric driving installation comprising a dynamo having a series and a shunt winding; a compound wound working motor; a relay connected across said dynamo; a circuit for said dynamo and motor whereby the series winding of the dynamo is adapted to weaken the field strength of said dynamo so that the return current from the motor, when acting as a dynamo, flows through the series winding and the armature of the dynamo in order to operate it as a motor; and means for preventing reversal of polarity by the return current when it reaches a dangerous point comprising a resistance which is adapted to be connected into said circuit by said relay.

1,574,243. VEHICLE BUMPER. GEORGE J. GLAHN, Owensboro, Ky. Filed Sept. 23, 1925. Serial No. 58,115. 2 Claims. (Cl. 293—55.)



1. In a vehicle bumper as described, comprising V shape impact rails, a name-plate for the nose connection thereof, right and left supporting brackets, with straight ends, adapted to be connected to an automobile chassis, and means for connecting said brackets to the impact rails comprising vertically arranged plates with central depressions in same to receive opposite ends of said supporting brackets respectively, and means for connecting said brackets with said plates, also means for connecting said plates with said impact rails.

1,574,244. INTERNAL-COMBUSTION ENGINE. MANNING GOLDSMITH, Atlanta, Ga. Filed Oct. 13, 1921. Serial No. 507,433. 12 Claims. (Cl. 123—44.)



1. An internal combustion engine comprising a main shaft, a plurality of cylinders radially disposed eccentric to said main shaft and connected thereto whereby each of said cylinders travels in an orbit, an inner and outer piston in each of said cylinders, an inner crank shaft to which said pistons are connected, and a plurality of outer crank shafts to which said outer pistons are connected.

1,574,245. CALENDAR. LEW W. HAMILTON, Indianapolis, Ind. Filed July 23, 1925. Serial No. 45,469. 1 Claim. (Cl. 40—119.)

A calendar comprising a supporting back having at its upper edge a support receiving opening, a calendar pad secured in book leaf form to said supporting back intermediate of its ends, the free ends of the sheets comprising said pad having an opening therein at their lower edge to coincide, when folded upwardly, with the support receiving opening in said back, and a cover



sheet for the upwardly folded pad sheets comprising a sheet doubled and having its free ends secured at the upper edge of the backing sheet.

1,574,246. ILLUMINATED SIGN. LEVI L. HEIZER, Muscatine, Iowa. Filed Dec. 29, 1924. Serial No. 758,689. 2 Claims. (Cl. 40—130.)

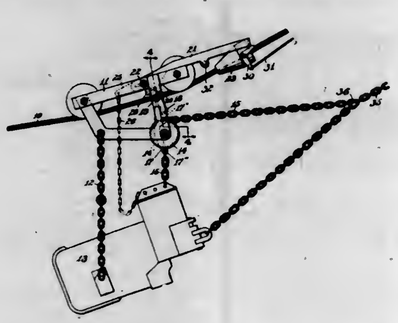


1. An illuminated sign, comprising a sign plate, a reflector supporting pipe having an adjustable connection with said sign plate, a reflector attached to said pipe, a cylindrical casing projecting outwardly from said reflector, a colored transparent portion arranged in said cylindrical casing, a lamp carried by said reflector supporting pipe between the reflector and said sign plate and in line with said cylindrical casing, whereby the transparent colored portion thereof is illuminated and whereby the light rays of the lamp are thrown onto the sign by the reflector.

1,574,247. EXCAVATOR. ARTHUR M. HOOD, Indianapolis, Ind. Filed Dec. 27, 1923. Serial No. 682,920. 9 Claims. (Cl. 37—117.)

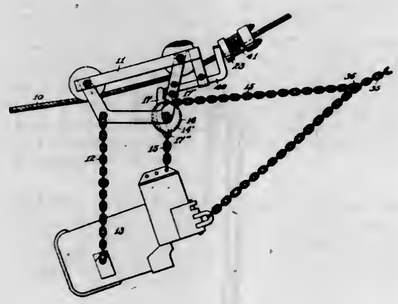
1. An excavator of the type described, comprising a carriage, a forwardly unbalanced scraper bucket pivotally supported on said carriage, a dragline connected to the forward end of the bucket, a lifting line connected

to the forward end of the bucket and passed over a support on the carriage to the dragline, means for decreasing the bucket-dumping effectiveness of the forwardly unbalanced weight of the bucket, a latch carried by



the carriage and adapted to at times limit reverse movement of the carriage, and means operated by relative longitudinal movement between the carriage and latch for increasing the bucket-dumping effectiveness of the forwardly unbalanced weight of the bucket.

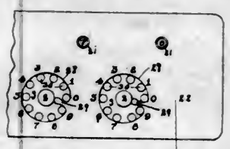
1,574,248. SLACK-LINE EXCAVATOR. ARTHUR M. HOOD, Indianapolis, Ind. Filed Dec. 27, 1923. Serial No. 682,921. 4 Claims. (Cl. 37—117.)



1. An excavator of the type described comprising, a carriage, a forwardly unbalanced scraper bucket pivotally supported on said carriage, a dragline connected to the forward end of the bucket, a lift line connected to the forward end of the bucket, and passed over a support on the carriage to the dragline, means for decreasing the bucket-dumping effectiveness of the forwardly unbalanced weight of the bucket, and means movably mounted on the carriage and adapted to co-operate with a stop member and the lift line as a result of forward movement of the carriage toward the stop to increase the bucket-dumping effectiveness of the forwardly unbalanced weight of the bucket.

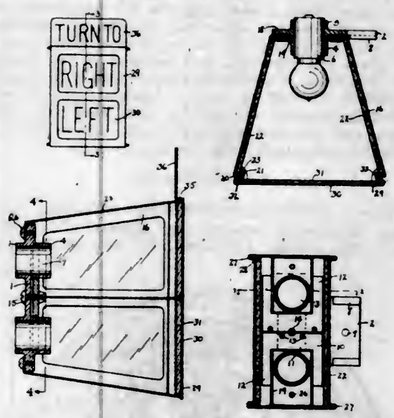
1,574,249. ADDING MACHINE. RUSSELL WALLACE HOOK, Grand Rapids, Mich. Filed Feb. 17, 1921. Serial No. 445,581. 3 Claims. (Cl. 235—131.)

1. In an adding machine, a base and a numeral wheel pivotally mounted thereon and formed with a series of evenly spaced projections, a pawl to restrain the rotation of the wheel and consisting of a clip to attach the pawl to the base, a resilient central portion and a head comprising parallel plates, a bearing strip between them,



and a weight at the outer end of the pawl, said head being normally held so that the weight at its outer end extends into the path of the projections on said wheel.

1,574,250. SIGNAL LIGHT FOR VEHICLES. PAUL KOROKNAY, Houston, Tex. Filed Oct. 26, 1925. Serial No. 64,849. 6 Claims. (Cl. 177—329.)

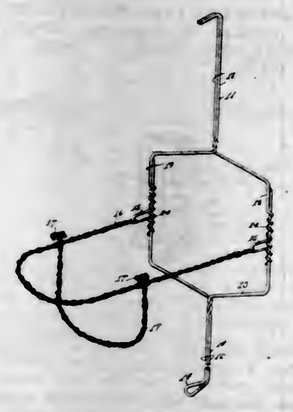


1. In a signal lantern, a housing comprising a back plate having light-receiving sockets therein, top and bottom plates of sheet metal, the rear ends of which are bent inwardly and secured to the rear face of said back plate, side plates, the rear edges of which are bent inwardly against the forward face of said back plate, or clamping plate, adapted to fit over the bent edges of said side plates, means to clamp said clamping plates to said back plate, means connecting the side plates with the top and bottom plates at their adjacent edges, a front cover plate and means on said cover plate and said side plates whereby said plates may slidably engage.

2. In a signal lantern, a light-supporting housing comprising a back plate of cast metal having light-receiving sockets therein, top and bottom walls, detachable means to secure said walls to the rear side of said back plate, the side edges of said walls being bent inwardly to form slideways, opposite side plates, means clamping the rear edges thereof to the forward side of said back plate, means engaging said top and bottom plates with said slideways, a cover plate slidable on said side plates, transparent walls in said side and cover plates, and a central partition positioned between said clamping means and said cover plate and contacting therewith at its ends.

1,574,251. ANIMAL POKE. AUGUST G. D. KREY, Wagner, S. Dak. Filed Mar. 6, 1924. Serial No. 697,284. 4 Claims. (Cl. 119—138.)

1. An animal poke including a neck encircling frame composed of separable sections, each of the sections having a substantially U-shaped portion, one of the sections having separable interlocked parts and the arms of the U-shaped portion provided with spiral coils, the arms of the U-shaped portion of the other section being received in the coiled arms of the first section and having

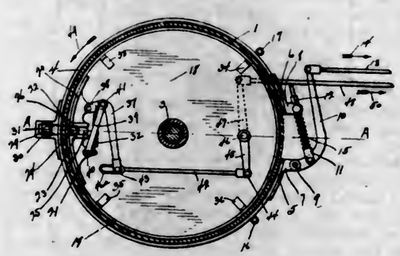


laterally directed loops engaged with the coils whereby the parts of the first section may be independently rotated after being separated to accomplish longitudinal adjustment with relation to the other section, and a head gear carried by said loops.

1,574,252. METHOD OF MAKING LIGHT, POROUS WALLS. CARL MARCZINCZEK, Oakland, Calif. Filed June 1, 1925. Serial No. 34,176. 1 Claim. (Cl. 106—34.)

A wall material comprising a mixture substantially in the following proportions by bulk: volcanic ash forty per cent, pumice stone twenty per cent, lime (such as commonly designated as "hard wall finish"), twenty per cent, plaster of Paris twenty per cent, the whole being intimately mixed.

1,574,253. POWER BRAKE. PORTER S. MORGAN, Norwalk, Conn., assignor to Rotary Brake Company, Inc., New York, N. Y., a Corporation. Filed Oct. 7, 1919, Serial No. 328,974. Renewed May 8, 1923. 21 Claims. (Cl. 188—140.)

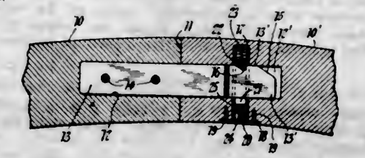


1. A brake comprising a rotary drum, an inner secondary brake band and an outer primary brake band both manually operated and adapted for angular rotation with the rotary drum, an unsymmetrical cam disposed between the ends of the secondary brake band, and means connecting the cam with the primary brake band for effecting an angular rotation of the said cam when the primary brake band moves with the rotary drum.

1,574,254. PROCESS OF TREATING BAGASSE FOR FIBER-MAKING PURPOSES. TREADWAY B. MUNROE, Forest Glen, Md. Filed July 7, 1924. Serial No. 724,712. 11 Claims. (Cl. 92—3.)

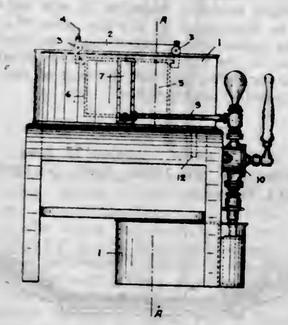
7. The process of making a heat insulating fiber board which consists in subjecting piled bagasse to an acetic acid fermentation until the fibers present are partially loosened from the bundles in which they naturally occur; stopping said fermentation before the strength of the fibers is impaired; mixing with the fermented bagasse a sufficient quantity of fibers derived from wood to aid in drying the formed board; subjecting the mixture thus obtained to a cooking action; refining the cooked mixture of fibers; separating from the refined mixture thus obtained any objectionable constituents derived from the cooking action; adding a fire resisting material to said mixture; and forming the mass thus obtained into a board.

1,574,255. TRUNDLE AND HOOP. STANLEY H. MYSLINSKI, Brooklyn, N. Y. Filed Apr. 14, 1924. Serial No. 706,231. 1 Claim. (Cl. 272—85.)



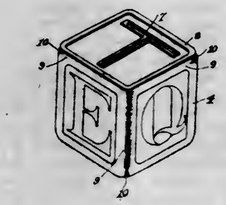
A play hoop comprised of two uniform semi-circular sections having recesses in their abutting ends, latch bars fixed in oppositely disposed recesses to extend into the remaining recesses, the hoop sections containing the remaining recesses being transversely bored, sleeves fixed in the mentioned bores, said sleeves being apertured to permit the passage of said latch bars, plungers in said sleeves through which the latch bars pass, said latch bars having notches on one edge with which elements of said plungers may engage, springs in said sleeves pressing said plungers normally into engagement and means to prevent rotation of said plungers, said plungers being manually releasable.

1,574,256. METHOD FOR THE FILLING OF HONEY-COMBS WITH SWEET LIQUID FOR THE NOURISHMENT OF BEES. MICHELE LORENZO GALLESIO-PIUMA, Piemonte, Italy. Filed Dec. 26, 1922. Serial No. 609,153. 3 Claims. (Cl. 6—12.)



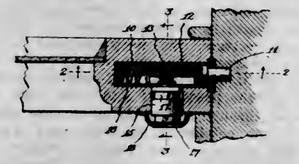
1. A method for filling honey combs with sweet liquid for the nourishment of bees consisting in exposing a hollow comb between two oppositely disposed sprinklers, and forcing a sweet liquid through said sprinklers under pressure upon the two opposite faces of the comb for filling the cells of the latter.

1,574,257. TOY BLOCK AND PROCESS OF PRODUCING THE SAME. FRANK A. REDNER, Menominee, Mich. Filed Feb. 19, 1923. Serial No. 619,958. 2 Claims. (Cl. 46—35.)



1. A toy block comprising a solid body of compressible material having angularly disposed faces, certain of said faces having raised symbols and a raised marginal border surrounding the symbols, the edges and corner portions of the body being located outside the border and said portions being compressed to round off the corners and edges, leaving the border inside the planes of the sides and protected by the compressed portions outside the same.

1,574,258. WINDOW LOCK. ANDREW J. ROSS, Los Angeles, Calif. Filed Apr. 28, 1924. Serial No. 709,485. 4 Claims. (Cl. 70—46.)



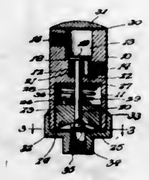
1. In a sash lock of the type set forth, a bolt-barrel set in the edge of the sash and enclosing a lock-bolt provided with a rack, a tumbler-barrel extending into the face of the sash at right angles to the aforesaid bolt-barrel and having its inner end open, a tumbler-shaft longitudinally slotted for a key and provided with a gear at its inner end, and a spring device carried by the said tumbler-barrel for locking the tumbler-shaft against rotation normally engaging in said key-slot and adapted to be disengaged by the key when the same is inserted, said spring device embodying a flat spring lying in a channel in the exterior of the tumbler-barrel and having a pin extending through the wall of the tumbler-barrel and entering said key-slot.

1,574,259. SHELL DISH. AUSTIN O. SARFF, Walker, Minn. Filed Feb. 27, 1924. Serial No. 695,565. 1 Claim. (Cl. 65—15.)



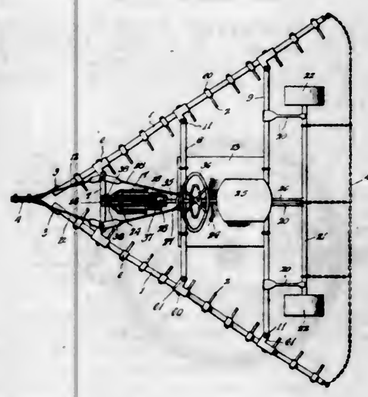
The combination with a dish having a bead on its periphery projecting outwardly of the outer surface of the dish; of a pressure nested block of thin sheets pressed on the interior of the dish and each having a marginal portion rolled around the bead and engaging against the outer surface of the dish adjacent the bead whereby the exposed sheet may be stripped from the block while leaving the remainder undisturbed.

1,574,260. AUTOMATIC PRESSURE-OPERATED FUEL VALVE. CHARLES M. SCHAEFFER, Allentown, Pa. Filed June 11, 1924. Serial No. 719,422. 1 Claim. (Cl. 137—153.)



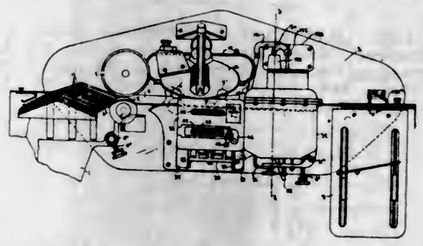
An automatic fuel valve including a body having an inlet chamber, a communicating outlet chamber and a piston chamber separated from the inlet chamber by a dividing wall, the body being formed with a valve seat at the junction of the inlet and outlet chamber, a valve cooperating with said seat and provided with a stem extending through said wall into the piston chamber, a sleeve surrounding the stem, a gasket carried by the stem and compressed by said sleeve against said wall when the valve is closed, a pressure operated piston carried by the valve stem and slidable in said piston chamber for opening the valve, the piston being provided with a collar, a spring acting against the piston for normally holding the valve closed, and a gasket surrounding the stem and compressed against said wall by the collar when the valve is open.

1,574,261. ROAD SCRAPER. JAMES W. SHATTO, Lorimor, Iowa. Filed May 21, 1925. Serial No. 31,865. 5 Claims. (Cl. 37—108.)



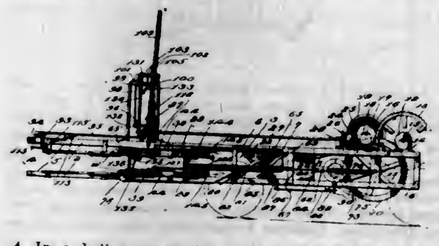
1. A road scraper comprising rearwardly diverging side bars, depending scraper blades rigidly secured to the side bars at intervals along the same, plow blades secured to the front ends of the side bars and having their front ends connected, and means for applying draft through the plow blades to the side bars.

1,574,262. MAIL-STAMPING MACHINE. GEORGE E. SHELDRICK, Detroit, Mich., assignor, by mesne assignments, to Pitney-Bowes Postage Meter Company, Stamford, Conn., a Corporation of Delaware. Filed Apr. 30, 1923. Serial No. 635,617. 52 Claims. (Cl. 101—91.)



1. In a mail marking machine, a removable and replaceable printing member, and a removable and replaceable register for registering the operations of said printing member; said printing member and said register being independently removable from and replaceable in the machine.

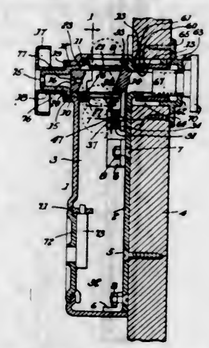
1,574,263. BALING PRESS. JOHN A. STOBIE, Malta Bend, Mo. Filed Apr. 20, 1921. Serial No. 463,093. 24 Claims. (Cl. 100—20.)



4. In a baling press the combination with a baling chamber of means including a long and relatively fixed support for retaining a plurality of formed bales in abutted relation adjacent said baling chamber, a plunger for compressing the material against the last formed bale, means for applying a portion of slack wire around said bale, and a needle for forming a loop in the wire, one side of said loop forming the remaining portion of the tying wire, and the other side of said loop constituting a portion of the wire for the succeeding bale to be tied, said needle being movable transversely of the baling chamber and longitudinally of the press upon the outside of said chamber.

1,574,264. COIN-CONTROLLED LOCK. WILLIAM M. SUBLETTE, Huntington Park, Calif. Filed May 15, 1924. Serial No. 713,518. 2 Claims. (Cl. 194,84.)

1. In a coin-controlled lock of the class described, the combination of a housing and a coin receptacle in said housing, the upper wall of the housing having a coin-receiving slot, a shaft journaled in the rear wall of said housing and extending rearwardly therefrom, a shell journaled in the front wall of said housing and extending forwardly therefrom, said shell surrounding said shaft in the housing, said shaft having a slot extending diametrically therethrough, said shell having a pair of diametrically opposed slots wider than the slot in said shaft, a shoulder at one side of the inner end of the lower slot in said shell for arresting a coin deposited through said coin-receiving slot in said shell slots and said shaft slot, a spring pressed bolt mounted in said housing for engaging a catch, a pin on said bolt, an arm on said shaft engaging said pin, a pin secured in the housing for engaging said arm to limit the projection of said bolt in locking position and for limiting the rotation of said shaft with said shaft slot in vertical alinement with said coin receiving slot, a spring connected to said shell, a stop for limiting the turning movement of said shell under the influence of said spring, with the shell slots opposite the upper and lower ends of the shaft slot



and said shoulder under the lower end of said shaft slot, the coin being adapted to engage opposite sides of said shell slots upon rotation of the shell in one direction for rotating the shaft and arm and retracting the bolt from said catch, and the coin being adapted to escape said shoulder and drop into said coin receptacle when said shaft is rotated.

1,574,265. TEAT CUP. ANGUS SUTHERLAND, Vancouver, British Columbia, Canada. Filed Mar. 7, 1925. Serial No. 13,759. 2 Claims. (Cl. 31—85.)



1. A teat cup, comprising the combination with an outer casing having a shouldered enlargement at the upper end and at the lower end a reduced concentric aperture with means intermediate the ends for connecting an inflator to the space within the casing, an inflation tube the length of which is less than the casing, a mouth ring comprising a frustrum of a smooth surfaced hollow cone the larger end of which is adapted for insertion within the upper end of the inflation tube to expand the same to fit the shouldered enlargement of the casing and retain it therein, a tubular connection between the lower end of the inflation tube within the casing and the milk delivery tube, said connection expanding the milk delivery tube without the casing that the enlargement of it will seal the aperture through which it passes into the casing.

1,574,266. PEN. JOHN C. WAHL, Chicago, Ill., assignor to The Wahl Company, Chicago, Ill., a Corporation of Delaware. Filed Nov. 7, 1921. Serial No. 513,231. 9 Claims. (Cl. 120—46.)



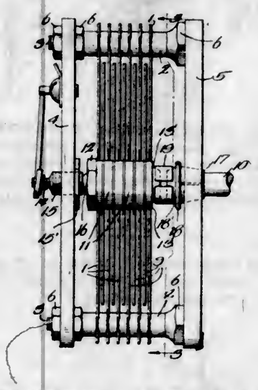
1. A fountain pen, in combination, the casing having a longitudinal slot therein, a pressure bar, a spring bar suitably secured in connection with said casing and attached to the pressure bar and provided with a centrally located slot therein, a lever pivoted in the slot in the casing and capable of projection through the slot in the spring member and into contact relation with the pressure bar, including a fashioning of a portion of the lever and relative arrangement thereof with reference to the slot in the spring, whereby, in the course of raising the lever to its open position, a portion thereof will be projected through the slot in the spring member and by contact with a wall of the slot as the lever nears its open position will induce gradual deflection and buckling action of the spring member whereby a tensioned stop for the lever will be effected and a resilient force will be developed to cause the lever to be returned to closed position.

1,574,267. LIQUID-DEPTH GAUGE. HARRY C. WARNER, Kansas City, Mo., assignor to Warner Hardware Specialty Company, Kansas City, Mo., a Corporation of Missouri. Filed Aug. 22, 1925. Serial No. 51,840. 2 Claims. (Cl. 73—120.)



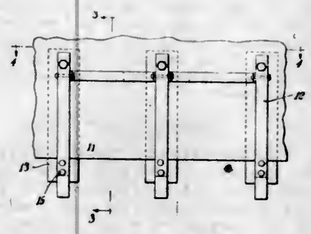
2. A liquid gauge comprising a metallic frame strip slotted longitudinally from near its butt end, and having lips back lapped from its longitudinal edges and butt end, a strip of black, flat-conted wire gauze held to one face of the frame strip by said back lapped lips and covering the slot in the frame strip, the opposite side of the frame strip bearing scale markings at the edges of said strip adjacent the slot.

1,574,268. ELECTRICAL CONDENSER. BESTER R. WEBSTER, Chicago, Ill., assignor to Reliance Die & Stamping Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 28, 1924. Serial No. 709,514. 1 Claim. (Cl. 250—41.)



An electrical condenser including the two sides thereof, one side being a stator and the other side a rotor; a shaft carrying the condenser rotor; an end thrust bearing adjustable along the shaft axis; two abutments, one connected with the shaft and the other spaced apart from the first; and a spring in the form of a split ring bearing against said abutments and pressing the shaft upon its end thrust bearing, said abutments having conical formations tapering toward each other that are engaged by said ring.

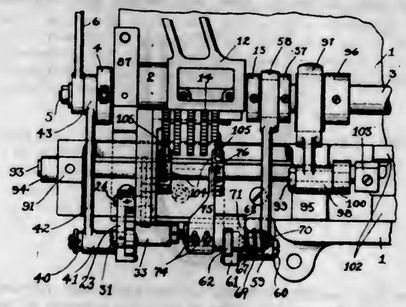
1,574,269. HOISTING BUCKET. FRANCIS H. WEEKS, New York, N. Y. Filed Aug. 20, 1925. Serial No. 51,360. 8 Claims. (Cl. 37—142.)



1. As an improved article of manufacture, a hoisting bucket having easily detachable teeth clamped to the edge portion thereof.

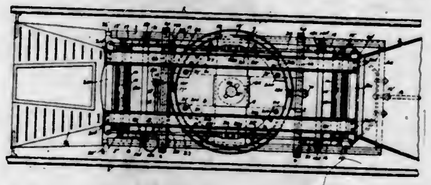
1,574,270. MULTIPLE-NEEDLE SEWING MACHINE. ALBERT H. WEIS, Nyack, N. Y., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y., a Corporation of Delaware. Filed June 27, 1923. Serial No. 647,972. 42 Claims. (Cl. 112—209.)

1. The combination of feeding mechanism, stitching mechanism operative to automatically and simultaneously form a plurality of spaced curved lines of stitching in a garment fabric, said feeding mechanism comprising a pair of feed devices each having the feed portion



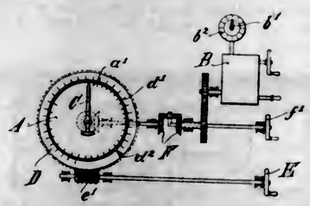
thereof located and acting on the fabric entirely at one side of said stitching mechanism, and means for independently reciprocating said feed devices.

1,574,271. TURNTABLE. RAYMOND G. WILCOX, Hannibal, N. Y. Filed Aug. 13, 1925. Serial No. 50,037. 8 Claims. (Cl. 104—45.)



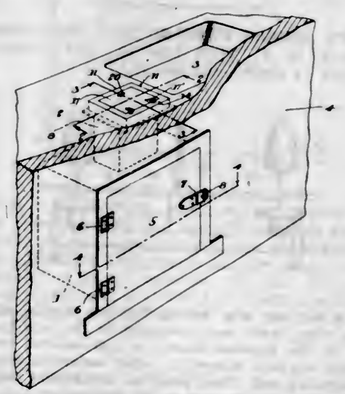
2. The combination with a turntable having spaced tracks for supporting vehicles, a carriage upon which said table is rotatable, means for locking said table after each half revolution thereof, means pivoted adjacent said tracks adapted to stop the forward travel of the vehicles across said table, a plurality of traction rollers engaging the roadbed adapted for trundling the table and carriage from place to place, and a plurality of springs arranged in pairs resiliently connecting the rollers with the carriage.

1,574,272. APPARATUS FOR DETERMINING THE TIME OF FLIGHT OF A PROJECTILE. WALTHER AKEMANN, Essen, Germany, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Filed Sept. 3, 1920. Serial No. 408,077. 6 Claims. (Cl. 235—61.)



1. An apparatus of the class described comprising a member provided with range graduations, a concentrically arranged member provided with seconds graduations, a pointer concentrically arranged relative to both of said members, a clock-work mechanism for rotating said pointer at a predetermined speed over said range and time scale, and means for adjusting said time scale relatively to said pointer, said pointer being set in operation at the instant the shot is fired and indicating at any instant the local position of the projectile and the time still existing up to impact.

1,574,273. SANITARY REFUSE RECEIVER. WILLIAM L. ALLEN, Los Angeles, Calif. Filed May 11, 1925. Serial No. 29,478. 3 Claims. (Cl. 220—98.)



1. A garbage receptacle mounted with its entrance in the drain board of a sink, a housing below the receptacle extending through the outer wall of the house in which housing may be placed a garbage can to receive the contents of said receptacle, and means for dumping the contents of said receptacle into said garbage can.

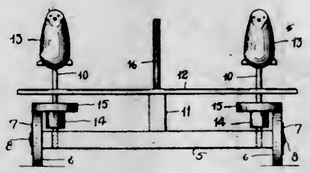
1,574,274. PUMP. CHARLES W. G. ALLENDER, Steamboat Springs, Colo. Filed May 9, 1925. Serial No. 29,245. 1 Claim. (Cl. 230—27.)



A pump of the class described comprising, in combination, a cup-like member having a port through its central portion, an outstanding neck carried by the central portion and surrounding the port, a flap valve secured within cup-like member for closing flow through the port, a handle having an end portion insertible within the neck, said inserted portion of the handle being provided with a bore open at its outer end so that the port in the cup-like member affords direct communication between the chamber of the cup-like member and the bore of the handle, a piston working within the bore of the handle, an operating rod for the piston extending freely through

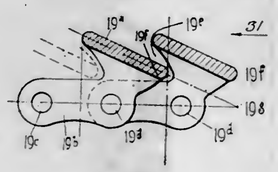
the handle, and an operating knob carried by the outer end portion of the rod, the inserted end of the handle having a cut out portion affording communication with the bore of said handle, the wall of the neck being provided with a restricted port adapted to communicate with the cut out portion of the handle, the knob carried by the rod contacting with the outer end of the handle to atop the movement of the piston in a direction toward the cup-like member before the same passes over the cut out portion in the inserted end portion of the handle.

1,574,275. FIGURE WHEELED TOY. PHILIP BEECHER, Batavia, N. Y. Filed June 10, 1924. Serial No. 719,170. 1 Claim. (Cl. 46—45.)



In a toy, an axle having traction wheels, spindles having their lower ends journaled in the axle in proximity to the traction wheels, a hub secured on each axle and rotatable therewith, a disk associated with each hub, each of said disks being in engagement with the periphery of a traction wheel, the relation of parts being such that the disk supports the hub clear of the axle, a block on the axle between the wheels, a plate anchored to the block and having its ends extending outwardly to form bearings for the spindles above the hubs, and figures mounted on the spindles to rotate with them.

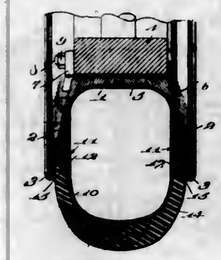
1,574,276. FURNACE GRATE. ALFRED WILLIAM BENNIS, Bolton, England. Filed May 6, 1919. Serial No. 295,208. 5 Claims. (Cl. 110—40.)



1. A chain grate fire bar having an inclined fuel supporting surface and a pair of pivotal axes, one of said axes lying outside the projection of the said fuel supporting surface on the plane containing said axes, and on the side of the fuel supporting surface opposite the intersection of the plane of the fuel supporting surface and the plane containing the said axes.

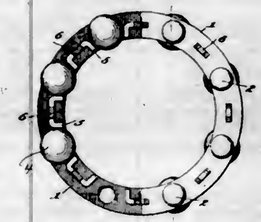
1,574,277. RIM AND TIRE CONSTRUCTION FOR VEHICLE WHEELS. MICHAEL T. CONROY, Akron, Ohio, assignor of one-half to Henry M. Groue, Cuyahoga Falls, Ohio. Filed Oct. 14, 1924. Serial No. 743,605. 3 Claims. (Cl. 152—13.)

1. A rim and tire construction comprising a rim member having a pair of rim flanges extending outward from the body thereof, a pneumatic tube encircling the body of said rim member and partially received between said rim flanges, said pneumatic tube having the portion thereof that is received between said rim flanges enlarged laterally outward to provide a pair of annular seat members, said seat members having the outer peripheral walls thereof located inwardly of the marginal edge portions of said rim flanges, and a tread member encircling said pneumatic tube and having side portions



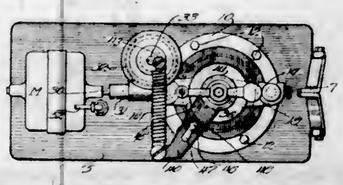
extending inwardly between the marginal edge portions of the rim flanges, the edges of said side portions of the member abutting the peripheral walls of said seat members.

1,574,278. RETAINER FOR RADIAL BALL BEARINGS. CHARLES W. DAVIS and JOHN A. CALDER, Torrington, Conn., assignors to The Torrington Company, Torrington, Conn., a Corporation of Connecticut. Filed Mar. 26, 1925. Serial No. 18,476. 1 Claim. (Cl. 308—201.)



A retainer for ball bearings comprising two parallel flat plates or rings provided with opposed pairs of slots, and a series of spacers each formed of a U-shaped piece cut away at right angles at its four corners to form tenons 6 and angular corners closely abutting the inner faces of the plates or ring, the said tenons extending through opposing pairs of slots and expanded in opposite directions at their outer ends, thereby compressing the metal thereof closely into the slots and forming a rigid connection therewith substantially flush with the outer faces of said plates or rings.

1,574,279. LUBRICANT COMPRESSOR. ERNEST W. DAVIS, Oak Park, Ill., assignor to The Bassick Manufacturing Co., Chicago, Ill., a Corporation of Delaware. Filed Feb. 16, 1921. Serial No. 445,356. 9 Claims. (Cl. 221—79.)

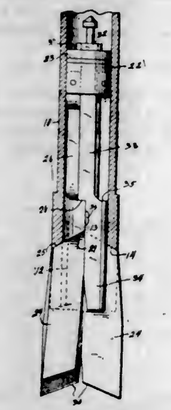


5. The combination with a container for lubricant, of a plunger movable within said container, a screw for actuating said plunger extending through said container, a rotatable collar surrounding said screw and adapted to rotate the same, said collar having an annular series

of teeth upon its periphery, an oscillatory handle, and a spring pressed dog upon said handle and engageable with the teeth upon said collar.

9. A lubricating outfit comprising a pump, a power source, and a speed reducing transmission between said source and said pump, said transmission including two speed reductions, the reduction next the source being irreversible and the other including a resilient take-up for permitting said source to operate when said pump is stalled by its load.

1,574,280. ROTARY UNDERREAMER DRILL. ORMAN W. DICKERSON, Oklahoma City, Okla. Filed Apr. 8, 1922, Serial No. 550,830. Renewed Aug. 11, 1925. 13 Claims. (Cl. 255—76.)



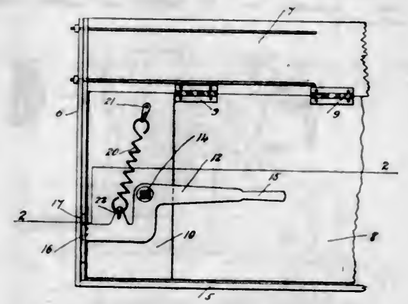
1. In a rotary under reamer drill, a drill shoe having a bore and provided in the walls thereof with blade receiving openings, a blade carrying support having a substantially fluid tight fit in the bore of the shoe, a hanger for said support vertically shiftable through the support and embodying portions which in elevated position of the hanger engage the support to suspend the same, conduits by-passing the support when suspended by said portions and having their terminal portions arranged immediately above and below the support when the hanger is in said position and other conduits in said hanger by-passing the support at all times.

1,574,281. FOUNTAIN PEN. GEORGE H. DOYLE, Holtsville, N. Y. Filed Jan. 27, 1922. Serial No. 532,297. 7 Claims. (Cl. 120—50.)



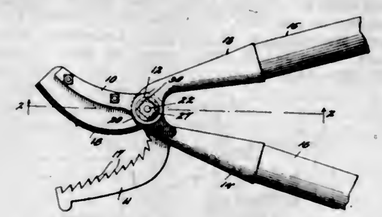
1. As an article of manufacture, a fountain pen feed bar having a main channel formed longitudinally therein, and provided with a plurality of catch depressions formed on each side of said main channel and in communication therewith, said depressions being inclined away from said channel at an acute angle in relation thereto and in a general direction of the inside end of said bar.

1,574,282. END GATE. GARFIELD A. GARRETT, Dorrance, Kans. Filed Mar. 24, 1925. Serial No. 17,967. 1 Claim. (Cl. 292—228.)



A latch for an end gate, comprising a bell-crank lever pivoted to the end gate and having a normally horizontal handle arranged radially of its pivot and having also a tongue arranged substantially parallel to the handle and adapted to project over the side edge of the end gate and engage with a socket, and a spring secured to the said tongue and to the end gate above the latch pivot.

1,574,283. PRUNING IMPLEMENT. PARIS M. GERFIN, East Petersburg, Pa. Filed Nov. 22, 1924. Serial No. 751,530. 7 Claims. (Cl. 30—11.)



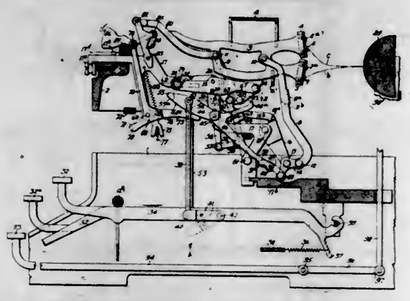
1. A pruning implement including in combination, two pivoted jaws, each provided with a handle, and adapted to move in parallel planes, a projection on the lower jaw having a bearing surface resting on the upper one, and a bushing passing through said projection, said upper jaw and into said lower jaw.

1,574,284. PEELER. JOHN H. GILLIS, Gainesville, Tex. Filed June 10, 1925. Serial No. 36,167. 4 Claims. (Cl. 146—38.)



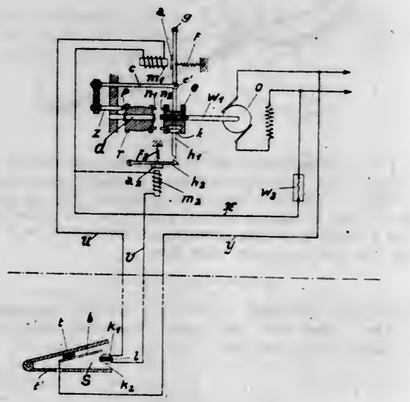
1. A peeler comprising a blade having a knife edge formed in the body thereof, and portions bent over at opposite edges of the blade both rigidifying the blade and providing guards for the thumb and forefinger of the hand operating the peeler.

1,574,285. TYPEWRITING MACHINE. GEORGE G. GOING, Middletown, Conn., assignor to Remington-Noiseless Typewriter Corporation, New York, N. Y., a Corporation of New York. Filed Feb. 9, 1925, Serial No. 7,941. Renewed Nov. 25, 1925. 34 Claims. (Cl. 197—25.)



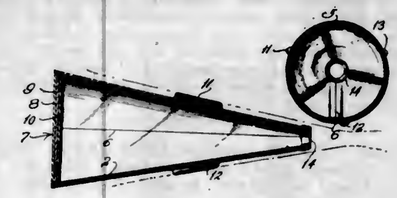
1. In a typewriting or like machine, the combination in a type action of a type bar, a pair of supporting links therefor, a pair of actuating keys, means controlled by one of said keys for displacing from normal position a pivotal support for one of said links, and means controlled by the other of said keys for displacing from normal position the pivotal support of the other of said links.

1,574,286. CLUTCH MECHANISM FOR SOUND-REPRODUCING MACHINES AND THE LIKE. WILHELM GROENEBAUM, Neu-Babelsberg, near Berlin, Germany, assignor to the Firm Naamlooze-Vennootschap Financieele Maatschappij "Driebergen," Amsterdam, Netherlands. Filed Jan. 3, 1925. Serial No. 328. 7 Claims. (Cl. 192—18.)



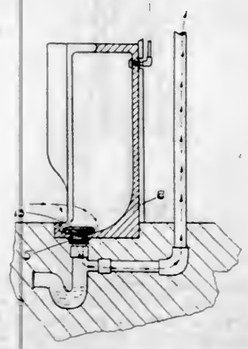
1. Clutch mechanism for sound reproducing machines, comprising a rotating shaft, a fixed shaft coaxial with the rotating shaft, a driving wheel on the fixed shaft, a clutch having one member splined on the rotating shaft for sliding movement along the latter and having its companion member fixed to the driving wheel, a lever for operating the sliding clutch member, electro-magnetic means for operating the lever, a catch for holding the lever in its operative position, an arresting device for arresting the motion of the driving wheel, and means for automatically disengaging the arresting device from the driving wheel when the clutch couples the wheel with the rotating shaft.

1,574,287. MUTE. JOSEPH KEMP HOFFMAN, Baltimore, Md. Filed Sept. 2, 1921. Serial No. 497,905. 3 Claims. (Cl. 84—400.)



1. A mute comprising a frusto-conical hollow press board base; a veneering of wood applied to the exterior thereof and a diaphragm closing the larger end of the base, the various elements being permanently secured together.

1,574,288. DRAIN COVER. ARTHUR E. HOHMEISTER, Cincinnati, Ohio, assignor to The John Douglas Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Apr. 30, 1923. Serial No. 635,570. 3 Claims. (Cl. 4—106.)



1. A urinal structure comprising a metallic drain pipe having an inlet opening, a vent pipe communicating with the drain pipe below the inlet opening, a vitreous fixture having an opening for receiving the open end of the drain pipe and for directing fluid into the drain pipe, and an imperforate vitreous cover over and spaced from the inlet opening of the drain pipe, the vitreous cover serving as a deflector for distributing a flow of air over all of the metal parts of the structure at the inlet opening and which air moves into the drain pipe inlet opening and into the vent.

1,574,289. PROTECTIVE COATING FOR MAGNESIUM. LEWIS J. KEELER, Niagara Falls, N. Y., assignor to American Magnesium Corporation, Niagara Falls, N. Y., a Corporation of New York. Filed Jan. 22, 1923. Serial No. 614,304. 5 Claims. (Cl. 204—1.)

1. The process of coating magnesium and its alloys comprising bringing the metal in contact with nascent fluorine.

1,574,290. PROTECTIVE COATING FOR MAGNESIUM. LEWIS J. KEELER, Niagara Falls, N. Y., assignor to American Magnesium Corporation, Niagara Falls, N. Y., a Corporation of New York. Filed Jan. 22, 1923. Serial No. 614,305. 7 Claims. (Cl. 204—1.)

1. The process of coating magnesium and its alloys which comprises electrolyzing a solution of an alkali metal chromate, using the said metal as an anode.

1,574,291. PUMP. FRANK C. KELLEY, Long Beach, Calif., assignor of one-half to Elmer W. Riggle, Los Angeles, Calif. Filed July 8, 1924. Serial No. 724,775. 3 Claims. (Cl. 103—204.)



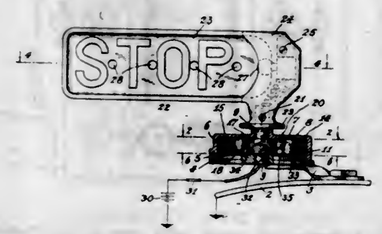
1. A pump of the character disclosed, including a liner, a working barrel surrounding said liner and spaced therefrom, ports disposed in said liner and permitting communication between the liner and the interior of the working barrel, a plunger within such liner, certain of the ports being so disposed within the liner that they are at all times covered by the plunger during its working strokes.

1,574,292. PUMP. FRANK C. KELLEY, Long Beach, Calif., assignor of one-half to Elmer W. Riggle, Los Angeles, Calif. Filed July 8, 1924. Serial No. 724,776. 4 Claims. (Cl. 103—204.)



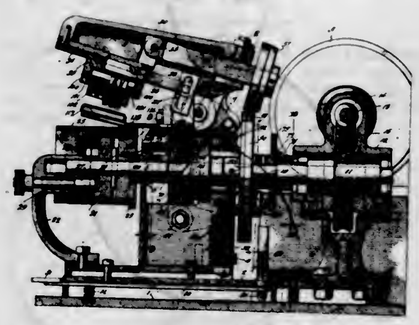
1. In a pump of the character disclosed, a working valve, an annular plunger carried by the working valve at one end thereof, and a tubular member carried by the said working valve at the other end thereof; said working valve permitting communication between the annular plunger and the tubular member during certain movement thereof; a working barrel adapted to confine the plunger, working valve and tubular member; an annulus within the tubular member and pump tubing secured to said annulus, and in part confined in the tubular member, said annulus being formed with a port of communication with said pump tubing, and said tubular member being formed with a port in communication with the port in the annulus.

1,574,293. SIGNAL DEVICE FOR VEHICLES. FREDERICK C. S. KNOWLES, Freeport, N. Y. Filed Nov. 22, 1921. Serial No. 517,139. 4 Claims. (Cl. 116—46.)



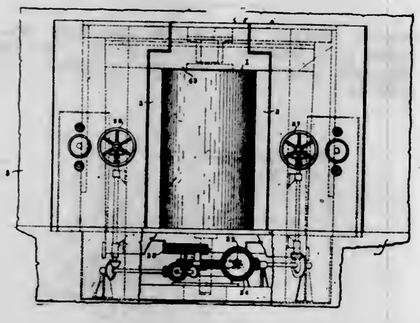
1. In a device of the kind described, a signal plate, said plate being recessed at one side thereof, a lamp in the recess for illuminating said plate, a guard plate mounted on said signal plate having a recess to cooperate with the recess on the signal plate for completely covering said lamp except at the side through which the light passes to illuminate said signal plate, and a water tight washer interposed between the meeting edges of said guard plate and signal plate.

1,574,294. DUPLICATE-TAG-PRINTING MACHINE. FREDERICK KOHNLE, Dayton, Ohio, assignor to The Monarch Marking System Company, Dayton, Ohio, a Corporation of Ohio. Filed Mar. 14, 1925. Serial No. 15,669. 25 Claims. (Cl. 101—301.)



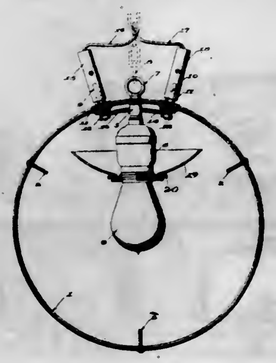
1. In a device of the class described, a printing arm pivotally mounted, a type carrying slide reciprocable thereon, a platen engageable by the slide, a pivoted lever for oscillating the slide having an abutment projecting therefrom, a drive shaft having a cam thereon engageable with said abutment for oscillating lever and slide, and means operable from the drive shaft for obtaining dwell of the printing arm, during type slide movements, and printing movements of the arm when the type slide is stationary.

1,574,295. **SAFE.** SAMUEL FORRY LAUCKS and WILLIAM E. WILKINSON, York, Pa., assignors to said Laucks. Filed May 11, 1922. Serial No. 560,013. 36 Claims. (Cl. 109—1.)



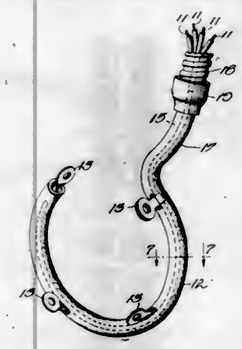
1. A closure for vaults, safes and the like including, in combination, a wall having an opening, a door for closing said opening mounted for rotation on its axis and for bodily axial movement, marginal bearing and sealing ribs adjacent said opening, and co-operating upright and transversely extending guiding ribs interposed between said wall and said door and being inclined to the axis of said door, said guiding ribs being opposed to said sealing ribs so as to guide the door upon axial movement thereof to effect through said sealing ribs tight joints at the margins of said closure.

1,574,296. **ELECTRIC-LIGHT FIXTURE.** VICTOR LE BEAU, New Orleans, La.; Paula Le Beau sole legatee of said Victor Le Beau, deceased. Filed Dec. 29, 1924. Serial No. 758,681. 1 Claim. (Cl. 240—78.)



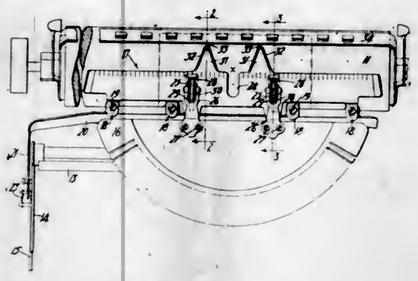
An electric fixture comprising a ring adapted to be suspended in a manner to maintain the ring in a vertical plane, an electric bulb having its illuminating element disposed at the center of the ring and along a radius of said ring, translucent globes mounted on the ring and extending in opposite directions from the light source and having their longitudinal axis in alinement with the longitudinal axis of the ring, and a convex deflector connected with the bulb and located above the illuminating element and at one side of the horizontal axis of the ring.

1,574,297. **ELECTRIC CABLE.** CHARLES L. LILLEBERG, Chicago, Ill. Filed Dec. 7, 1921. Serial No. 520,512. 1 Claim. (Cl. 173—324.)



A cable provided with an enclosing conduit having a portion formed with lateral openings distributed along the same through which wires of the cable are accessible for circuit connection, said cable also having a stiffening core in its conduit.

1,574,298. **TYPEWRITING MACHINE.** JOSEPH LINDBURG, Bay Ridge, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Feb. 23, 1924. Serial No. 694,548. 7 Claims. (Cl. 197—135.)



1. In a typewriting machine, the combination with a revoluble up-and-down shiftable platen and writing instrumentalities, of a thin, broad card-guide plate supported at the front of the platen and extending therealong and mounted to shift up and down therewith and having a type-clearing recess, and means mounted upon the stationary framework and directly pressing against the card-guide on opposite sides of the weakened portion formed by the type-clearing recess and close to the printing point, whereby said shifting card-guide is at all times supported against bowing outward at the weakened portion, and the card consequently held firmly against said platen at the printing point in all positions of the platen.

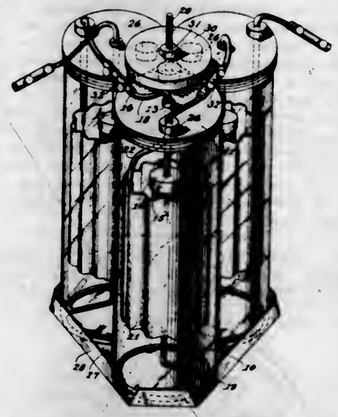
1,574,299. **AUTOMATIC DRIVE.** FISHER H. LIPPINCOTT, Philadelphia, Pa. Filed Mar. 13, 1924. Serial No. 698,965. 9 Claims. (Cl. 192—105.)

1. In an automatic drive, a driving member, a driven member, driving and driven friction members contributing to form an operative connection between said driving and driven members, means automatically controlled by and in accordance with the speed of said driving member to vary the degree of friction between the friction members, resilient means tending to cause the



clutching engagement of said friction members, and power amplifying means between said resilient means and said friction members.

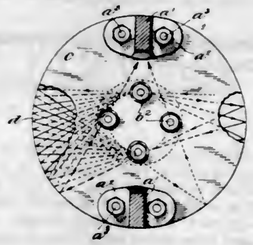
1,574,300. **PRIMARY BATTERY.** MARTIN L. MARTUS, Woodbury, and EDMUND H. BECKER and JAMES G. ROSS, Waterbury, Conn. Filed June 2, 1924. Serial No. 717,225. 12 Claims. (Cl. 136—115.)



1. In a battery, a jar, an electrode element, spring means supporting said element vertically within said jar engaging the inner upright wall of the jar and adapted to centralize said element along the vertical axis in the jar, another electrode element spaced from said first element, and means supporting said last named element within the jar independently of said first element.

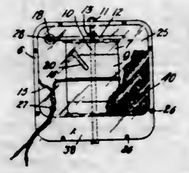
1,574,301. **FLEXIBLE COUPLING FOR SHAFTING.** ALFRED F. MASURY, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Apr. 19, 1924. Serial No. 707,547. 3 Claims. (Cl. 64—96.)

3. In combination with driving and driven shafts, a disc of re-enforced fabricated material, diametrically disposed arms carried with an end of one of the shafts, bolts to connect the extremities of the arms with the disc, a coupling plate carried with the proximate end of the other shaft and of lesser radius than the arms, bolts to connect the coupling plate with the disc, and continuous tension cords formed within the disc and disposed in the



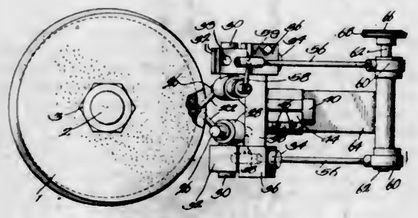
plane of the disc and tangentially of the arc of movement of the point of connection between the coupling plate and disc.

1,574,302. **PIEZO-ELECTRIC LOUD SPEAKER.** ALEXANDER M. NICOLSON, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 31, 1923. Serial No. 683,643. 11 Claims. (Cl. 179—101.)



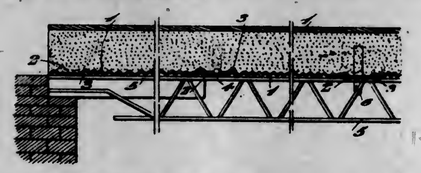
1. In combination, a piezo-electric crystal, a frame therefor, means for transmitting elastic vibrations of the crystal to a diaphragm, and internal electrode means for the crystal, said electrode means protruding through the surface of said crystal and engaging said first means and said frame.

1,574,303. **PROCESS AND MACHINE FOR DRESSING ABRASIVE ELEMENTS.** CARL G. OLSON, Chicago, Ill., assignor to Illinois Tool Works, Chicago, Ill., a Corporation of Illinois. Filed July 5, 1923. Serial No. 649,600. 12 Claims. (Cl. 125—11.)



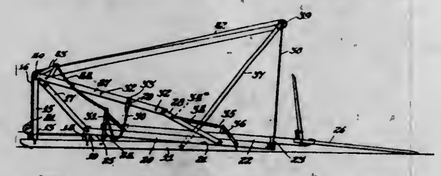
1. The process of dressing preformed, helicoidal and annular surfaces formed on bodies which are rotatable about their axes, said process consisting in causing the point of a pointed scarifying tool to oscillate at high speed through a limited arc lying in the surface to be dressed, and simultaneously causing the work to rotate about its own axis, the tool thereby producing a series of scarfs which in the agregate envelop the surface to be produced.

1,574,304. METAL LATH. GEORGE F. PAWLING, Philadelphia, Pa. Filed July 2, 1924. Serial No. 723,638. 4 Claims. (Cl. 72—116.)



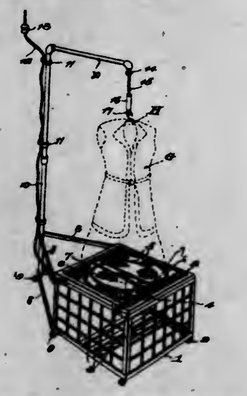
1. The combination with a structure to be spanned, and spaced joist spanning said structure of a series of strips, of metal lath arranged across said joist said strips being bordered by solid webs, the adjacent webs of said lath overlapping and each having formed therefrom opposed clips, said clips in use being bent backwardly and clinched in pairs to interlock said webs in a continuous, horizontal plane.

1,574,305. STACKER. CHARLES PEARSON, Chicago, Ill., assignor to International Harvester Company, Chicago, Ill., a Corporation of New Jersey. Filed Mar. 8, 1924. Serial No. 697,727. 9 Claims. (Cl. 214—141.)



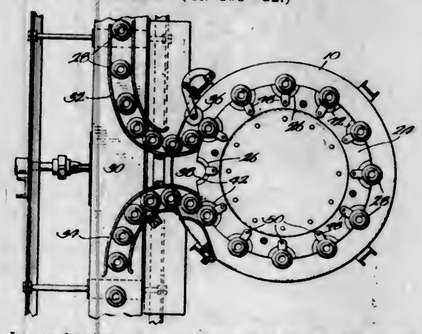
1. The combination of a normally stationary base frame, a lifting frame pivoted thereon, said frame comprising a main lifting arm and an extension arm, means for swinging the lifting frame upwardly and for simultaneously causing projection of the extension arm, and means independent of said swinging means and having one end connected to means fixed relative to the base frame for effecting retraction of the extension arm on downward movement.

1,574,306. GARMENT DRIER. WILLIAM ALBERT RAMSEY, Charlottie, N. C. Filed Aug. 6, 1925. Serial No. 48,548. 5 Claims. (Cl. 34—26.)



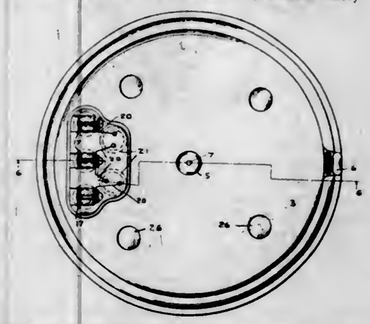
1. In a garment drier, the combination of a skeleton frame having a base to support an electric fan, an L-shaped rod for supporting the garment over the frame, braces securing said rod to the frame, a screen-covered hinged lid on the frame, a ring device anchored on the frame, means for suspending one end of the garment from the end of the L-shaped rod, and means for fastening the other end of the garment to the ring-shaped anchoring device.

1,574,307. BOTTLE ADAPTER FOR BOTTLE-FILLING MACHINES. ARTHUR I. RISSER, Chicago, Ill., assignor to U. S. Bottlers Machinery Co., Chicago, Ill., a Corporation of Illinois. Filed Apr. 7, 1924. Serial No. 704,560. 1 Claim. (Cl. 198—22.)



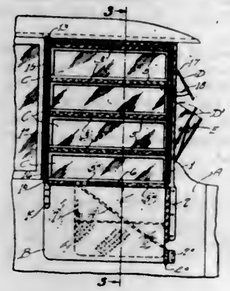
In mechanism of the class described, a bottle transporting member having a vertically extending notch, and an adapter member conforming to and detachably engageable in the notch, one of said members having an opening therein and the other having a dowel pin engageable in said opening to secure the members together with the side portions of the outer face of the adapter member in registry with the adjacent portions of the outer face of the bottle transporting member, said adapter member having a greater depth than the length of the dowel pin whereby the positioning of the lower end of the adapter member in the upper end of the notch with the side portions of its outer face in registry with the adjacent portions of the outer face of the bottle transporting member will aline said opening and dowel pin to effect certain engagement of the dowel pin in the opening by downward movement of the adapter member in the notch.

1,574,308. ELECTRIC HEATING UNIT. EDWIN A. RUTENBER, Milwaukee, Wis. Filed Aug. 22, 1924. Serial No. 733,514. 11 Claims. (Cl. 219—43.)



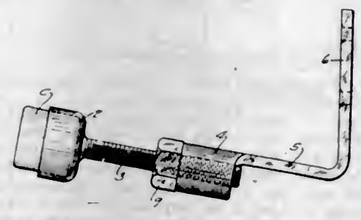
2. In an electric heating device, a shallow dish-shaped shell member having a shoulder formed on the inner side walls and an inverted cup-shaped lug struck up from the bottom thereof, an insulating support for a heating element resting on said shoulder and said lug to provide an air space between the bottom of the support and the bottom of the shell member, and said support being attached to said shell member only at its point of engagement with said lug.

1,574,309. STORM FRONT FOR VEHICLES. EDWARD W. SAUNDERS, St. Louis, Mo. Filed Oct. 27, 1923. Serial No. 671,209. 5 Claims. (Cl. 296—45.)



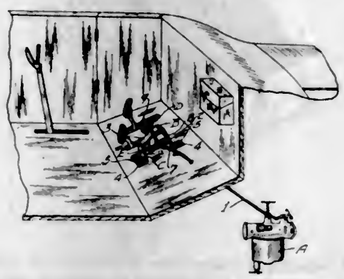
1. A door for vehicles having an upper portion formed by a plurality of hinged, horizontally-disposed, transparent panels, and a lower portion arranged so that it can swing on a horizontal axis located at the top edge of same.

1,574,310. SPEED-PEDAL-LOCATING DEVICE FOR AUTOMOBILES. EDWARD W. SAUNDERS, St. Louis, Mo. Filed Dec. 15, 1924. Serial No. 755,975. 1 Claim. (Cl. 74—81.)



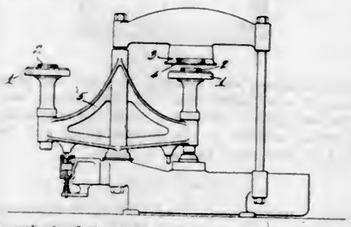
A device for the purpose described, consisting of a supporting member adapted to be connected to the dash of an automobile, an angularly-disposed arm projecting rearwardly from said member and provided with an internally screw-threaded lug, a rod screwed into said lug and provided at its outer end with a cup, a buffer mounted in said cup, and a jam nut on said rod for preventing said rod from turning accidentally with relation to said lug.

1,574,311. FOOT ACCELERATOR FOR CARBURETORS. EDWARD W. SAUNDERS, St. Louis, Mo. Filed Dec. 15, 1924. Serial No. 755,976. 6 Claims. (Cl. 74—81.)



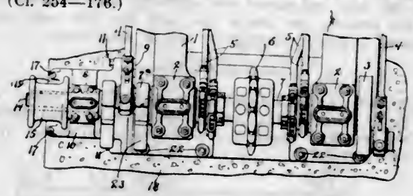
1. A foot accelerator for carburetors, comprising a foot rest arranged at one side of a foot pedal that can be engaged by a sidewise movement of the operator's foot positioned on said foot rest, and a carburetor controlling device on said foot rest arranged so that it can be engaged and actuated by a sidewise movement of the operator's foot in the opposite direction.

1,574,312. METHOD OF FINISHING SHIRTS. LEONARD S. SMITH, Cincinnati, Ohio, assignor to The American Laundry Machinery Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Mar. 13, 1922. Serial No. 543,360. 1 Claim. (Cl. 68—9.)



The method of finishing stiff bosom shirts, consisting in dressing the shirt upon a padded ironing board, subjecting the shirt bosom simultaneously over its entire area to the pressing effect of a heated smooth surfaced head, maintaining pressing contact for a period sufficient to set the form of the bosom but without complete expansion of the starch granules, and then while the shirt is still in position on said board and without changing its established set moistening the bosom and subjecting it to the effect of a hand finishing iron for producing a high polish or gloss thereon.

1,574,313. CATHEAD ATTACHMENT FOR DRILLING ENGINES. SIDNEY V. STEWART, Corry, Pa., and EDWARD TIMBS, Los Angeles, Calif., assignors of one-half to Union Tool Company, Torrance, Calif., a Corporation of California, and one-half to Ajax Iron Works, Corry, Pa., a Corporation of Pennsylvania. Filed Apr. 15, 1925. Serial No. 23,434. 3 Claims. (Cl. 254—176.)

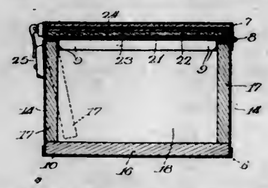


1. In a "cat-head" attachment for a steam drilling engine, the combination of an engine frame having a pair of aligning bearings, a crank-shaft carried in the bearings, with a crank at the side of the frame, a pillow-block constituting a part distinct from the frame of the engine and bolted to the side of the engine frame below said crank, said pillow-block having an outboard bearing aligning with the first named bearings and receiving the end of said shaft adjacent the said crank, said shaft having a neck projecting beyond the outboard bearing, and a "cat-head" carried on the neck.

1,574,314. RECEPTACLE. NATHAN M. STONE, Chicago, Ill. Filed Nov. 7, 1924. Serial No. 748,304. 3 Claims. (Cl. 220—84.)

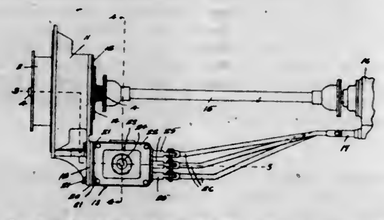
1. In a receptacle, the combination with a metal box frame comprising an upper rectangular frame member formed of channel like sides and ends, a lower rectangular frame member formed of angle shaped sides and ends and angle shaped uprights connecting the corners of

the upper and lower frame members, all of said members being permanently secured together, of outer side and end panels located behind and overlapping the vertical flanges of said frame members, a bottom panel resting on the bottom flanges of the lower frame member with



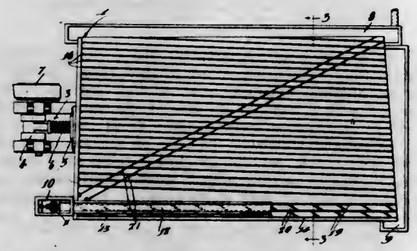
its edges engaging and securing in place the lower edge portions of said outer side and end panels and inner side and end panels extending from the channels of the upper frame member to the bottom panel and cooperating to hold the outer panels in place.

1,574,315. MOUNTING FOR GEAR-SHIFTING LEVERS. HENRY W. SWEET, Syracuse, N. Y., assignor to Brown-Lipe Gear Company, Syracuse, N. Y., a Corporation of New York. Filed May 26, 1925. Serial No. 33,018. 8 Claims. (Cl. 74—39.)



1. In a transmission mechanism, the combination of a clutch, a clutch case, a change speed gearing in the rear of the clutch and spaced apart therefrom and including a case and shiftable members extending outside of the case and means for operating said members located between the clutch case and the gear case comprising a support carried by one of said cases.

1,574,316. ORE-CLASSIFYING TABLE. WARREN C. TRACY, Los Angeles, Calif. Filed Mar. 27, 1924, Serial No. 702,231. Renewed Jan. 5, 1926. 5 Claims. (Cl. 209—441.)

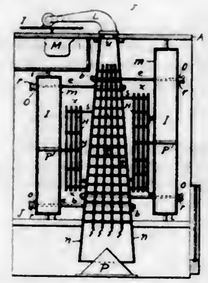


1. An ore classifying table of the class described comprising a table top, supports for the table top, means for reciprocating the table top in relation to the supports, a cover for the said table top, there being riffles in the table top at an angle to the direction of reciprocation of the table top, there being riffles in the table top substantially parallel to the direction of reciprocation of the table top, and inter-communicating veins or riffles in the table top between the said parallel riffles.

1,574,317. MANUFACTURE OF ZINC OXIDE. HOWARD H. UTLEY and JEAN MCCALLUM, Florence, Colo., assignors to River Smelting and Refining Company, St. Louis, Mo., a Corporation of Maine. Filed June 7, 1923. Serial No. 644,054. 7 Claims. (Cl. 23—148.)

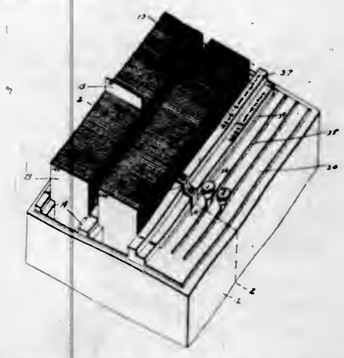
1. The process of manufacturing zinc oxide from fume product containing zinc and lead, which comprises chloridizing the lead and other chloridizable matter and thereby separating by volatilization the lead and other chloridizable matter from the zinc oxide, mixing the residue with carbonaceous reducing material and roasting the mixture.

1,574,318. PHONOGRAPH. IGNATIUS J. VETTER, New York, N. Y. Original application filed May 29, 1922, Serial No. 564,645. Divided and this application filed Jan. 28, 1924. Serial No. 688,994. 12 Claims. (Cl. 181—27.)



1. In a sound reproducing or transmitting instrument, the combination of a vibratory side wall for a sound enclosure, a resonator, an intermediate sound board having sound transferring posts engaging respectively with said side wall and a side of the resonator and a rack of sound boards within the enclosure vibrationally engaged with the inside thereof and communicating its vibrations to those of the intermediate rack to superadd their effects to those produced in the side wall and thereby reinforce the total effect upon the resonator.

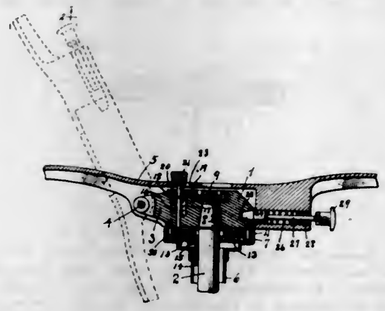
1,574,319. SELECTING CONTAINER FOR PAY ENVELOPES, ETC. AINSLEY J. VINCENT, Lawrence, Mass. Filed Oct. 7, 1924. Serial No. 742,165. 5 Claims. (Cl. 129—16.1.)



1. A selecting container for articles of the character stated, comprising a tray having an open top and a row of holders adapted to releasably support spaced apart articles with their upper ends projecting above the top, a carrier movable horizontally in the tray under and

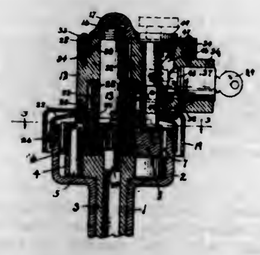
lengthwise of the row of holders, and selecting mechanism mounted on the carrier and including an article lifter located below the holders and movable horizontally by the carrier lengthwise of the row to a position under any article in the row, and movable vertically independently of the carrier to upwardly project an article under which it is located, a vertically movable plunger engaged with and guided by the carrier and projecting upwardly from the tray top at one side of the row of holders, means yieldingly supporting the plunger in a raised position, so that it may be manually depressed, and connections between the plunger and the lifter, adapted to convert a downward movement of the plunger into an upward movement of the lifter, the carrier being horizontally movable by the plunger, the arrangement being such that the plunger and the articles held by the holders project upward side by side from the top of the tray when the latter is in its operative position.

1,574,320. STEERING WHEEL. EDWARD H. VINCENT, Detroit, Mich. Filed Nov. 5, 1923. Serial No. 672,880. 14 Claims. (Cl. 74—33.)



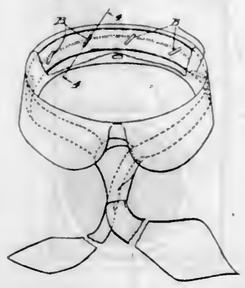
1. In combination, a steering shaft, a wheel head mounted thereon and having an opening parallel to and offset from the axis of said shaft, normally disengaged electrical contact elements, one of said elements being movable through the opening in the head, the other contact element being stationary below and carried by the head and engageable by the movable element, and means above the head and connected to the movable element to operate the same.

1,574,321. STEERING WHEEL. FREDERICK VINCENT, Detroit, Mich. Filed Dec. 20, 1921. Serial No. 523,698. 12 Claims. (Cl. 70—129.)



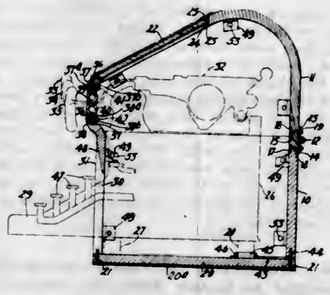
1. In a steering mechanism, a main rotatable steering shaft, a casing therefor having an internal circular rack, planetary gears carried by said main shaft and meshing with the rack, a member rotatable with and carried by the main shaft, a shaft section having a pinion meshing with and driving the planetary gears, said shaft section carrying a steering wheel structure including locking means adapted to have engagement with said member to prevent rotation of said shafts and planetary gears.

1,574,322. NECKTIE. NILS AUGUST WAHLQUIST, Chicago, Ill. Filed Jan. 16, 1924. Serial No. 686,470. 3 Claims. (Cl. 2—156.)



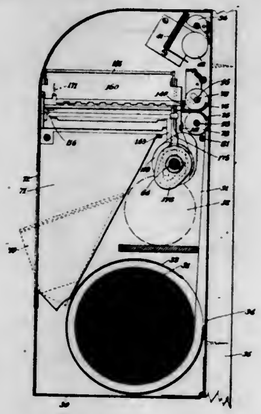
1. A necktie and the like having polished slightly convex clips of hard material clinched to the fabric of the tie at the inner side, positioned at intervals over the portion of the length of the tie which is to be embraced between the folds of the collar at the rear portion thereof.

1,574,323. TYPEWRITING MACHINE. JOHN WALDHEIM, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed July 3, 1922. Serial No. 572,396. 9 Claims. (Cl. 197—186.)



1. A casing for a typewriting machine, in two sections, each composed of sheets of self-sustaining sound-deadening composition attached at its edges to form sound-proof joints, one of the sections being a cover hinged to the other section at the rear of the casing, said cover-section having the lower edge of its rear wall beveled, the other section having the upper edge of its rear wall beveled, and means for securing the leaves of the hinge to the board-material of the casing-sections, while maintaining a smooth interior finish, comprising strips of metal countersunk in the inner faces of the casing-sections, and screws passing through said strips and through the casing-walls to the leaves of the hinge.

1,574,324. MACHINE FOR MANUFACTURING PAPER CUPS. JOSEPH V. WECKBAUGH, New York, N. Y., assignor to American Cuptor Corporation, a Corporation of Delaware. Filed Nov. 22, 1920. Serial No. 425,800. 15 Claims. (Cl. 93—36.)



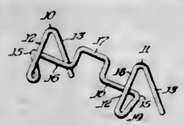
1. In a machine of the character described for making conical, metal bound paper cups; a casing, and an apertured outlet chute shaped to receive the completed cup in inverted position with its bound edge forward and having a front portion to retain the cup in the chute.

1,574,325. BUMPER. HARRY G. WEYMOUTH, Cleveland, Ohio, assignor to The Eaton Axle and Spring Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 29, 1925. Serial No. 33,659. 3 Claims. (Cl. 293—55.)



1. In bumpers for vehicles, the combination of a plurality of vertically spaced impact bars connected together at their ends, each of said bars comprising a plurality of relatively adjustable overlapped members whereby the length of said bars may be adjusted to suit the width of the vehicle, a plurality of bars arranged in the rear of said impact bars with their outer ends connected with the ends of the impact bars and with their inner ends bent forwardly for independent connection with the impact bars, and clamping means for securing said inner ends to said impact bars and for securing said members of the impact bars in any relation to which they are adjusted.

1,574,326. RIB CHAIR. WILLIAM E. WHITE, Chicago, Ill., assignor to Kalman Steel Co., Chicago, Ill., a Corporation of Delaware. Filed Dec. 26, 1922. Serial No. 608,863. 4 Claims. (Cl. 72—122.)



2. A rib chair composed of a continuous wire providing two pairs of legs and a connecting member, said connecting member being arranged horizontally at a point midway of the height of the legs and shaped to provide a seat for a reinforcing bar.

1,574,327. BAR SPACER. WILLIAM E. WHITE, Chicago, Ill. Filed Dec. 26, 1922, Serial No. 608,864. Renewed Nov. 11, 1925. 6 Claims. (Cl. 72—122.)



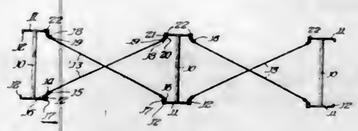
3. A spacing device composed of a single length of wire and chairs formed therein, the length of wire between each chair having at each end thereof a downwardly and outwardly projecting portion constituting a leg, the legs of adjacent lengths of wire being joined by a substantially horizontal portion extending transversely of the length of wire.

1,574,328. NAILING-STRIP ANCHOR. WILLIAM E. WHITE, Chicago, Ill., assignor to Kalman Steel Co., Chicago, Ill., a Corporation of Delaware. Filed Jan. 4, 1923. Serial No. 610,625. 4 Claims. (Cl. 72—101.)



4. Means for simultaneously securing metal lath to structural members and nailing strips upon said lath, comprising a spring-metal U-shaped clip, the legs of which are adapted to pass through the lath and engage the flanges of a structural member, and portions projecting from the middle of the base of said clip and adapted to embrace a nailing strip.

1,574,329. CROSS BRACING FOR STRUCTURAL MEMBERS. WILLIAM E. WHITE, Chicago, Ill. Filed Jan. 21, 1925. Serial No. 3,863. 10 Claims. (Cl. 189—36.)

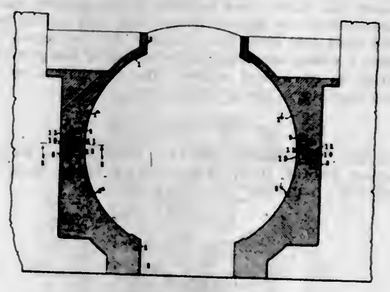


2. Means for bracing and for establishing a fixed spacing of metal lumber elements comprising a relatively flexible straight length of metal, means at one end thereof for interlocking with a marginal flange of said lumber, and means on the opposite end of said length of metal for interlocking with a flange on the opposite side of an adjacent lumber element.

1,574,330. JOINT. WILLIAM E. WILKINSON, York, Pa., assignor to Samuel Forry Laucks, York, Pa. Filed Aug. 8, 1922. Serial No. 580,535. 8 Claims. (Cl. 109—1.)

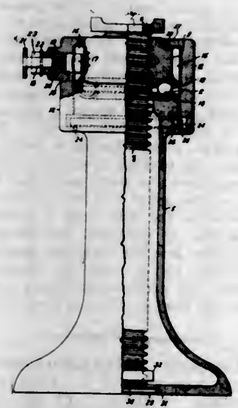
1. A joint, including, in combination, two members having adjacent edge-portions of their bodies disposed in overlapping relationship and being each formed with a

recess, said recesses registering when said members are disposed in such relationship, securing means disposed beside said recesses and associated with one of said mem-



bers and engaging the second of the same, a key, and means for moving said key to extend into both of said recesses.

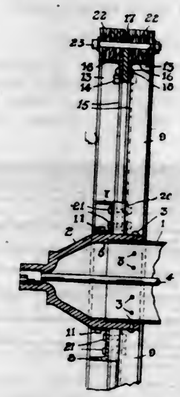
1,574,331. SCREW JACK. FRED HORACE WILDER, Brattleboro, Vt., assignor to Millers Falls Company, Millers Falls, Mass., a Corporation of Massachusetts. Filed Sept. 25, 1923, Serial No. 664,723. Renewed Jan. 16, 1926. 7 Claims. (Cl. 254—98.)



1. A jack, including a standard, a spindle carried by said standard, spindle moving means forming a part of said jack and co-operating with said standard, operating means for said moving means, said operating means being movable with respect to said standard, said standard and operating means being formed with complementary grooves and means extending into both of said grooves for preventing accidental removal of said operating means from said jack.

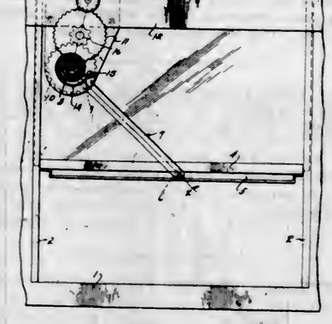
1,574,332. BULL WHEEL. CLYDE S. WRIGHT and FREDRICK J. SCHWIMMER, Toledo, Ohio, assignors to The National Supply Company, Toledo, Ohio, a Corporation of Ohio. Filed Apr. 11, 1924. Serial No. 705,822. 3 Claims. (Cl. 64—17.)

1. In a bull-wheel, a wheel-rim comprising a pair of metal rings in axial alinement and of angular cross-section, one side of each ring forming a rim member concentric with the axis of the wheel, and the other side of each ring projecting toward the said axis, a metal web clamped between the side members last named and pro-



jecting outwardly beyond the rim members, cants seated on the rim members, means securing the cants to the web, a shaft, and means securing the shaft to the wheel rim.

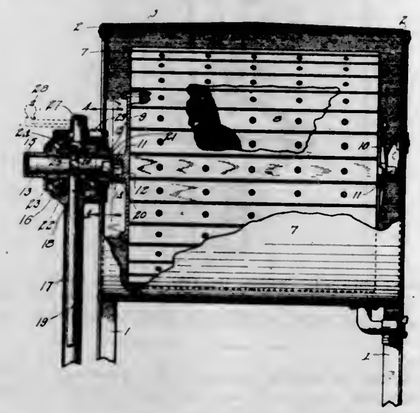
1,574,333. WINDOW REGULATOR. EDWARD L. ACKERMAN and ALOIS J. ZWIERZINA, Detroit, Mich., assignors to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich., a Corporation of Michigan. Filed Mar. 5, 1925. Serial No. 13,393. 2 Claims. (Cl. 268—4.)



1. Mechanism for operating a window sash in a closed vehicle body comprising the combination with the sash and the body having a recess into and from which the sash may be moved, of a cross member at the top of the recess, a supporting plate mounted on and extending below the bar, a pin rotatably mounted in the lower end of the plate and projecting from opposite sides thereof, a gear toothed member secured to the pin on the sash side of the plate, an arm in fixed relation with the gear and extending radially therefrom, means connecting the outer end of the said arm with the sash whereby the turning of the arm about the gear axis raises or lowers the sash, a flat coiled spring secured at its center to the opposite end of the pin, the outer end of the spring being secured to the supporting plate, a gear on the sash side of the plate meshing with the first named gear and a gear on the opposite side of the plate rotatable therewith, and a

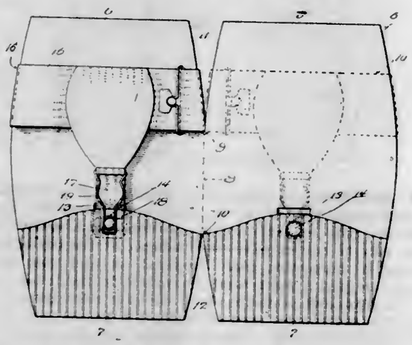
fourth gear meshing with the last named gear, a housing for the said fourth gear having an opening in one side to receive a peripheral portion of the third gear, a handle for rotating the said fourth gear, and a lock for said fourth gear controlled solely by the handle.

1,574,334. WASHING MACHINE. ALPHEUS W. ALTORFER, Peoria, Ill., assignor to Altorfer Bros. Company, East Peoria, Ill., a Corporation of Illinois. Filed May 2, 1921. Serial No. 465,991. 9 Claims. (Cl. 74—14.)



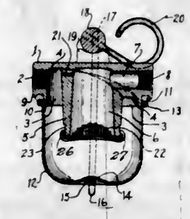
1. In a machine of the character described, in combination, a frame, a casing within and secured to said frame, a housing connected with said casing and formed with axially disposed spaced end bearings, a bracing plate for the housing and casing disposed in horizontal position cross-wise of said casing on the outside thereof between said housing and casing and secured to said frame, and a bracing plate connected to the inside of the casing and encircling the inner bearing of said housing.

1,574,335. DISPLAY-DEVICE FOR GARTERS. IRVING R. ALLEN, Wheaton, Ill. Filed May 13, 1925. Serial No. 30,034. 1 Claim. (Cl. 206—44.)



A display device for garters, comprising a flat cardboard piece formed with a bifurcated upper portion and a bifurcated lower portion, both forming two joined similar halves shaped to simulate parts of a pair of human legs, said furcations leaving V-shaped notches extending in from the upper and lower edges, and the cardboard piece being scored vertically between said notches, and the lower portions of said halves having surface portions depicting parts of socks, the upper bifurcated portions being adapted to receive the elastic band portions of garters and the bottom of the upper notch acting as a stop whereby the elastic band portions of the garters may be aligned across the display device, and said halves being folded upon said score line, whereby the two halves may assume a widely spreading angle to display the garters in position as worn, and whereby the two halves may be folded together to partly enclose them.

1,574,336. SEDIMENT TRAP. HAROLD L. BLYDENBURGH, Detroit, Mich. Filed July 22, 1922. Serial No. 576,712. 5 Claims. (Cl. 210—165.)



1. In a sediment trap, a base having an oil inlet conduit, and an oil outlet conduit in alignment and provided with a semi-cylindrical chamber and a cylindrical chamber, a depending annular flange separating the said chambers, the oil inlet conduit opening into the semi-cylindrical chamber and the oil outlet conduit opening into the upper end of the cylindrical chamber, a screen seating on the said depending flange, a spring clip securing the screen in position on the flange, a packing ring mounted in the base, a bowl having a rolled upper edge adapted to engage the packing ring and enclose the said chambers, the said chambers being both open to the bowl, a pair of lugs on the upper side of the base, a member rotatably mounted in the said lugs, a U-shaped clamp engaging the bottom of the bowl and having inturned upper ends extending into the rotatable member eccentric to the axis thereof, and a lever for rotating the said rotatable member, the arrangement being such that oil flowing through the bowl is given a rotary motion.

1,574,337. DYESTUFF INTERMEDIATES. MARSTON TAYLOR BOGERT, New York, N. Y. Filed Oct. 15, 1924. Serial No. 743,848. 2 Claims. (Cl. 260—130.5.)

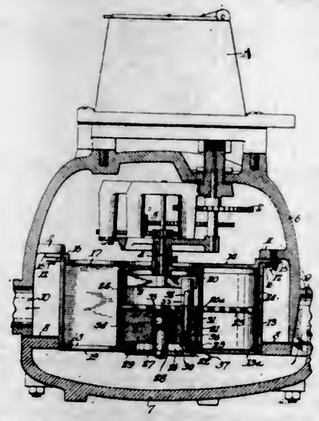
1. As new products, the dyestuff intermediates comprising products obtainable by reduction of 2,4-dinitrodiaryl ethers, or of 2,4-nitroaminodiaryl ethers, and having the following probable constitution:

$$(2,4)\,(H_2N)_2Ar.O.Ar,$$

wherein Ar. denotes an aryl group; said intermediates being crystalline solids of definite melting points, of weakly basic properies, and which yield useful dyestuffs by reactions, processes and methods, similar to those in common use for the production of analogous dyestuffs from meta-phenylenediamine.

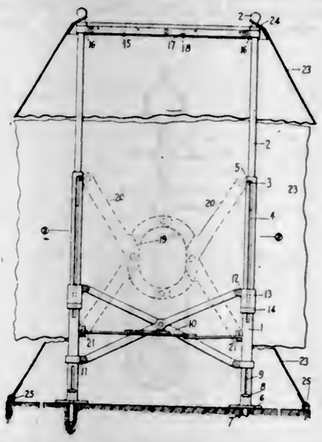
1,574,338. FLUID METER. RICHARD CLINTON BRADLEY, Chicago, Ill., assignor to S. F. Bowser and Company, Incorporated, Fort Wayne, Ind., a Corporation. Filed June 12, 1920. Serial No. 388,439. 18 Claims. (Cl. 73—87.)

1. In a fluid meter, a casing provided with an inlet thereto and outlet therefrom, fluid measuring means actuated by the flow of fluid, and means for changing the action of said measuring means comprising spaced pivot



members for supporting said measuring means, and means whereby the spacing of said members may be varied.

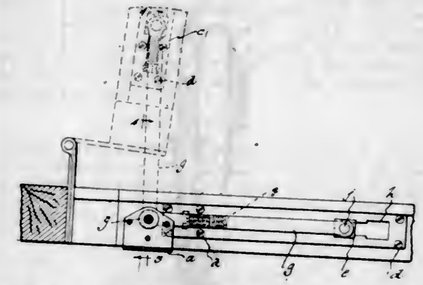
1,574,339. FOLDABLE TENT. JOHN J. BUSH, Dayton, Ohio. Filed Apr. 30, 1924. Serial No. 710,120. 16 Claims. (Cl. 4—116.)



11. In a structure of the character described, a foldable frame comprising upright members movable toward and from each other, a substantially annular seat comprising a plurality of members movably connected one to the other to permit said members to move one toward the other in substantially the plane of said seat, means for pivotally connecting said seat with a part of said upright members, for movement about a horizontal axis, and means for detachably connecting said seat with others of said upright members.

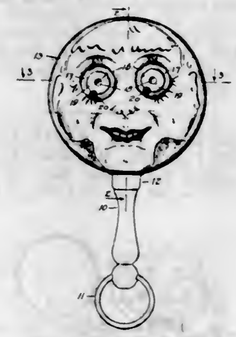
1,574,340. DOORCHECK. GEORGE FAUSER, Detroit, Mich., assignor to Fisher Body Corporation, Detroit, Mich., a Corporation of New York. Filed July 11, 1924. Serial No. 725,368. 6 Claims. (Cl. 16—85.)

1. In a door check, the combination of a header anchor adapted to be secured to the under side of the header, a slotted plate adapted to be secured to the top of the door longitudinally of the door edge, a check link pivoted to the header anchor and a slide secured in the slotted plate, and a coiled buffer cushion spring secured in the



inner end of the slotted plate for taking substantially all the thrust on the parts when the limit of the door swing is reached.

1,574,341. BABY RATTLE. BEN J. FELDSTEIN, New York, N. Y. Filed May 29, 1925. Serial No. 33,689. 3 Claims. (Cl. 46—46.)



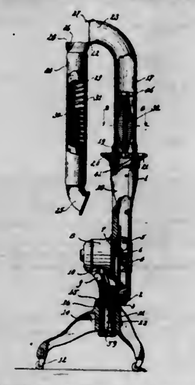
1. The herein described rattle, comprising a holder, a hollow sounding head secured thereto, means loosely disposed in said head to cause a rattling noise when the rattle is shaken, one face of the head having human features provided with eye sockets, transparent globular members for said sockets adapted to form an eye chamber, and balls loosely arranged in said chambers to give the appearance of pupils.

1,574,342. SHANK STIFFENER FOR SHOES. OSCAR FERN, Newburyport, Mass. Filed Sept. 16, 1925. Serial No. 56,712. 3 Claims. (Cl. 36—76.)



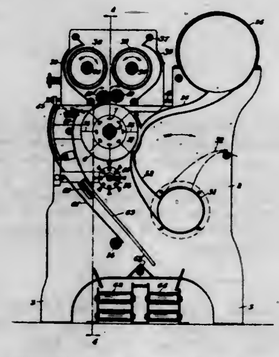
1. In combination with a main metal reinforcing strip for a shoe shank stiffener having means at its ends for attaching it at its upper side to the under side of the stiffener and a pair of intermediate apertures, a supplemental metal reinforcing strip disposed between the stiffener and said main strip and having two pairs of oppositely extending prongs formed therewith, one pair extending into the stiffener and the other pair extending through said apertures in position to be driven into the outer sole of the shoe in which it is placed.

1,574,343. HAIR-DRYING MACHINE. ERNEST O. FREDERICS, New York, N. Y. Filed Oct. 14, 1921. Serial No. 507,654. 2 Claims. (Cl. 219—39.)



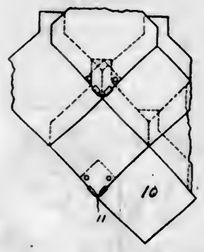
1. In a hair drying machine, the combination with a casing, of a fan, a unitary refractory heating element support having tapering end portions, cruciform cross-section and being supported in the casing in the path of air driven by the said fan, a resistance wire wound upon the said support, a switch for controlling current to said resistance, the said casing having a hinged flexible end portion whereby the casing may be extended in length beyond said support.

1,574,344. MACHINE FOR REGINNING COTTON AND OTHER FIBROUS MATERIALS. JAMES C. GARNER, Houston, Tex. Filed Mar. 17, 1919, Serial No. 283,202. Renewed Aug. 3, 1923. 6 Claims. (Cl. 19—86.)



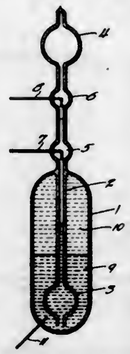
6. The combination of cotton-feeding means, saws arranged to receive the cotton so fed, and to retain the fibers thereof and to throw to one side the heavier motes, a mote board having its upper end arranged near to the point where the cotton is so received by the saws, so that the heavier motes will pass over the top of the board and be separately collected and so that the lighter motes and light separated fiber will pass down at the inner side of the board, a moting brush operating on the material carried by the saws to leave the laid fibers on the saws and to remove remaining motes and tangled lumps of fiber, a mote-separating slide to which said removed material is delivered by the moting board, and a blast nozzle and, spaced therefrom, a blast-receiving suction nozzle both arranged at the periphery of said saws so that the violently moving air will remove the fibers from the saws at said space between the nozzles.

1,574,345. ROOF. CHARLES C. GATES, Altoona, Pa. Filed June 16, 1923. Serial No. 645,771. 2 Claims. (Cl. 108—8.)



2. A roof shingling construction including a shingle having a body adapted to be laid to the weather and having a tip formed at one corner thereof and an elongated rectangular weather strip projecting from the opposite corner thereof, and a plate-like clip for overlying said weather strip and including a body having fastening receiving openings spaced apart to avoid the piercing of the said strip by the fastenings, and means at the lower edge of the clip for receiving the tip of the next shingle above.

1,574,346. THERMOSTAT. JULIAN G. GOODHUE, Evanston, Ill., assignor to Electro Thermostatic Control Company, Chicago, Ill., a Trust Estate. Filed July 19, 1923. Serial No. 652,482. 3 Claims. (Cl. 200—141.)

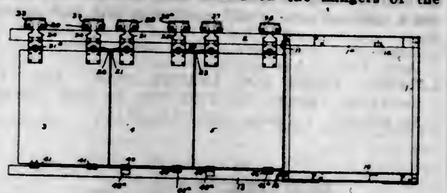


1. A thermostat for making electric contact, comprising a container, a stem extending into said container to form a trap therein and extending outwardly therefrom, a contact point in said outwardly extending portion of said tube, a bulb at the inner end of said inwardly extending portion of said stem, an expanding fluid in said container, a conducting fluid in said stem, the level of said conducting fluid being responsive to expansion of said expanding fluid under variations in temperature and means for making electrical contact with said conducting fluid at another point.

1,574,347. SLIDING DOOR. HENRY E. HACKMAN, Fort Wayne, Ind. Filed Aug. 21, 1925. Serial No. 51,614. 5 Claims. (Cl. 20—19.)

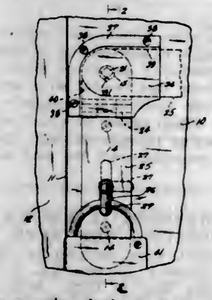
1. The combination with a plurality of doors, of a main rail fixed above the doors, hangers for and pivoted to each door and adapted to be moved on the rail,

switch rails fixed adjacent to the main rail and adapted to support a portion of the doors in open position and in parallel relation, and means on the hangers of the



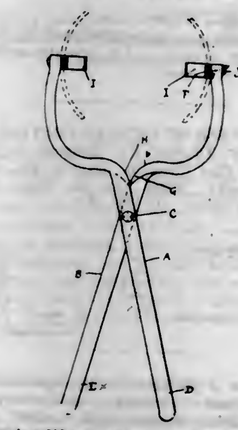
said portion of the doors adapted to engage the switch rails selectively for diverting the hangers onto said switch rails in the opening movement of the doors.

1,574,348. DOOR HASP AND CATCH. GEORGE C. HAGER, Danbury, Conn. Filed Mar. 18, 1925. Serial No. 16,349. 8 Claims. (Cl. 292—281.)



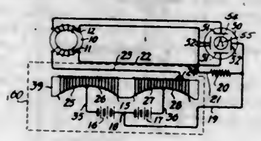
1. In a door securing device, a bolt extending through the door, a plate secured to said bolt on one side of the door, a hasp having an opening therethrough and pivoted to the plate to move toward and from the door, a catch secured to turn with the bolt on the other side of the door, said catch having oppositely extending projections to engage a jamb and also having an operating handle, and an eye secured to the door and adapted to pass through the opening in the hasp.

1,574,349. JAR-GRIPPING LIFTER. BERGHE JOHANSON, Springfield, Mass. Filed Apr. 18, 1922. Serial No. 555,485. 1 Claim. (Cl. 284—28.)



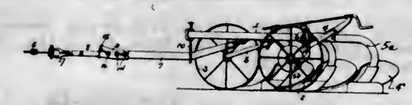
A jar gripping lifter, comprising a pair of levers, each lever having a handle and an L-shaped forward portion having a jar gripping jaw each lever being made from bar material having flat inner sides, the handles being pivoted to each other rearwardly of the L-shaped portions thereof, each L-shaped portion being connected to its handle by a twisted portion providing an inwardly deflected edge, the deflected edges facing each other and being adapted to abut against each other to limit the closing thrust of the L-shaped portions on each other, whereby the pressure exerted on a jar by the closing of said jaws upon it will be limited by the abutment of said deflected edges.

1,574,350. ELECTRICAL TESTING. JOHN B. JOHNSON, Elmhurst, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 14, 1923. Serial No. 657,422. 12 Claims. (Cl. 175—183.)



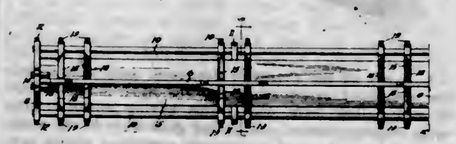
1. The method of measuring hysteresis which comprises subjecting the sample to be teated to a magnetizing field varying at a constant time rate and mapping the relation between the varying field and the time rate of change of the resulting magnetic induction in the sample.

1,574,351. DRAFT DEVICE FOR PLOWS AND THE LIKE. RUDOLPH J. ALTGELT, South Bend, Ind., assignor to Oliver Chilled Plow Works, South Bend, Ind. Filed June 21, 1921. Serial No. 479,325. 5 Claims. (Cl. 280—33.44.)



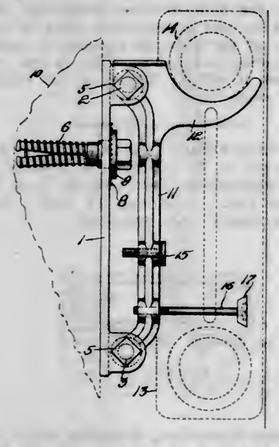
1. The combination with a wheeled agricultural implement in which the rear portion tends to overbalance the forward portion when the plow frame is in raised position, and two draft beam members, one of which is adapted to project beyond the forward end of the frame of the agricultural implement and the other of which is adapted for connection with a tractor, of a coupling member secured to one of said draft beam members and having a part to which the other draft beam member is pivoted to have limited vertical movement.

1,574,352. GAUGE. HOWARD E. BAKER, Roanoke, Va. Filed June 4, 1925. Serial No. 34,958. 2 Claims. (Cl. 33—32.)



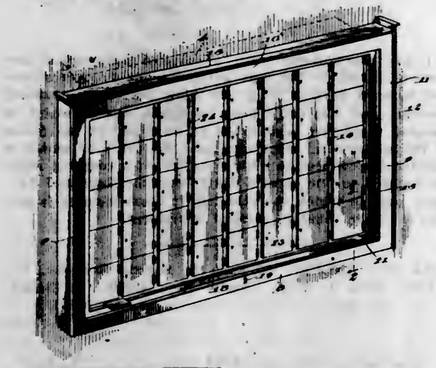
1. A gauge comprising a base having a scale thereon, markers swingable toward and from said base, projections on said markers resting upon and supported by said base when said markers are swung to operative position, said markers being adjustable longitudinally of said base and said scale.

1,574,353. RADIATOR SUPPORT. HARRY E. BARBER, Boston, Mass. Filed Aug. 18, 1922. Serial No. 582,615. 1 Claim. (Cl. 248—17.)



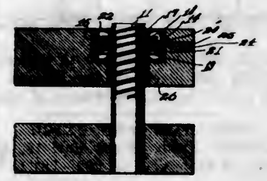
A wall support for radiators comprising a single one-piece wall plate formed with a vertical slot intermediate its upper and lower ends to receive a bolt or the like for securing said plate to a wall; a bracket member in front of said wall plate having an aperture at its upper end, an aperture at its lower end and means for fastening a radiator thereto, and two horizontally disposed guide rods on and parallel with said base plate, said rods extending loosely through said apertures and slidably supporting said bracket member.

1,574,354. MAIL BOX. HENRY CARL BARTH, Helena, Mont. Filed Apr. 10, 1925. Serial No. 22,174. 3 Claims. (Cl. 232—25.)



1. A box of the character described comprising a hollow body open at the front, a frame supporting the rim of said hollow body, said frame having a slot in the upper member thereof and having guideways in the inner faces of the side members thereof, partitions within said body dividing the space within the latter into a plurality of compartments, each open at the front of the body, a door extending slidably through said slot in the upper part of the frame and in sliding engagement at its side edges with said guideways and the side members of the frame, said door being movable to and from position to cover the fronts of all of said compartments, said door having an opening for each of said compartments, each opening of the door being at the front of the corresponding compartment when the door is closed, and a door for each of the openings in said first named door.

1,574,355. OILER FOR LEADER PINS. EMIL A. BAUMBACH, Chicago, Ill. Filed Sept. 12, 1923. Serial No. 662,365. 6 Claims. (Cl. 184—25.)



1. A leader pin oiler including an integral sheet metal oil container arranged in surrounding relation to said pin, said container having a reentrant groove forming an opening in the inner face thereof with inwardly extending retaining beads positioned at opposite sides of the opening, and an oiling washer arranged within the container and projecting through the said opening between the beads and contacting with the said leader pin.

1,574,356. LIGHT-SENSITIVE MEDIUM AND PROCESS OF PRODUCING THE SAME. MURRAY C. BEEBE, Cincinnati, Ohio, assignor to The Wadsworth Watch Case Company, Dayton, Ky., a Corporation of Kentucky. Filed Mar. 8, 1922. Serial No. 542,124. 27 Claims. (Cl. 95—7.)

1. For use in processes of the character set forth, a varnish comprising a suitable base, a light-sensitive oil, and an accelerator serving to accelerate the selective action of light upon said varnish under photographic action.

1,574,357. PHOTOGRAPHIC MEDIA AND PROCESS. MURRAY C. BEEBE and ALEXANDER MURRAY, Cincinnati, Ohio, assignors to The Wadsworth Watch Case Company, Dayton, Ky., a Corporation of Kentucky. Filed Aug. 31, 1922. Serial No. 585,517. 51 Claims. (Cl. 95—5.)

1. A photographic medium comprising a suitable base, which base comprises a hydrophobic gell-like body sensitive to the action of light, and a catalytic accelerator incorporated with said base.

1,574,358. PROCESS OF OPTICAL COPYING. MURRAY C. BEEBE, Fort Thomas, Ky., assignor to The Wadsworth Watch Case Company, Dayton, Ky., a Corporation of Kentucky. Filed Nov. 21, 1921. Serial No. 516,865. 18 Claims. (Cl. 95—5.)

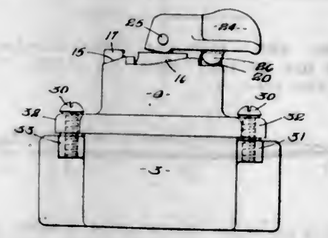


1. The process of photographically reproducing designs, etc., which comprises: covering a desired surface with a spontaneously drying light-sensitive varnish coating, optically projecting an image onto said coating and thus causing the areas under the influence of the projected light to become set, and subsequently developing coating.

1,574,359. PHOTOGRAPHIC MEDIUM. MURRAY C. BEEBE and ALEXANDER MURRAY, Cincinnati, Ohio, assignors to The Wadsworth Watch Case Company, Dayton, Ky., a Corporation. Filed Nov. 18, 1922. Serial No. 601,884. 5 Claims. (Cl. 95—7.)

1. A photographic medium comprising a hydrophobic colloid and a sensitizer comprising lead triethyl iodide.

1,574,360. ELECTRIC SWITCH FOR HEADLIGHTS. CARL H. BISSELL and RAYMOND H. OLLEY, Syracuse, N. Y., assignors to Crouse-Hinds Company, Syracuse, N. Y., a Corporation of New York. Filed Oct. 15, 1919. Serial No. 330,741. 5 Claims. (Cl. 200—8.)



1. In an electric switch, the combination of a switch member comprising a body movable about an axis, a conductor extending circumferentially around the body, a plurality of contacts arranged to be successively engaged by the conductor upon movement of the switch member in one direction, the conductor and the contacts being relatively arranged so that initial movement of said member engages the conductor with the first two contacts, a second movement of the body in the same direction engages the conductor and all three contacts and a third movement of the body in the same direction engages the conductor with the first two contacts only.

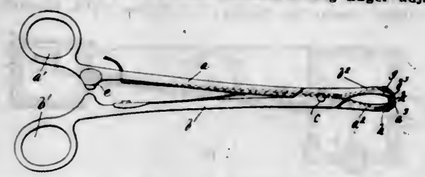
1,574,361. SOLDERING IRON. CLARENCE N. BROWN, Colton, Calif. Filed Aug. 19, 1924. Serial No. 732,988. 1 Claim. (Cl. 113—109.)



A soldering iron comprising a solid point, a solder reservoir tube secured in one end of said point, said point having an exterior solder discharge groove, a relatively small passageway extending substantially diagonally of the point and from the reservoir to said groove, a manually controlled valve for said passageway, said valve having an operating handle, said tube terminating short of the gripping end of said handle, a coupling forming a closure and engaging the feed end of said tube, and a stem carried by the coupling disposed opposite the gripping end of the handle and adapted for engagement jointly therewith.

1,574,362. HÆMOSTATIC FORCEPS. JOHN F. CALLAHAN, Brockton, Mass., assignor to Isabel G. Callahan, Brockton, Mass. Filed Sept. 28, 1922. Serial No. 591,127. 11 Claims. (Cl. 128—322.)

1. Hæmostatic forceps having jaws formed with gripping faces at their extremities only and being recessed away from one another back from said extremities each jaw having an external thread-holding finger adjacent to its said extremity, both fingers being at the same side of the forceps.



1,574,363. SILICEOUS ALKALINE-EARTH PRODUCT AND PROCESS OF MAKING THE SAME. ROBERT CALVERT, Lompoc, Calif., assignor to The Celite Company, Los Angeles, Calif., a Corporation of Delaware. Filed Dec. 1, 1923. Serial No. 678,029. 24 Claims. (Cl. 252—2.)

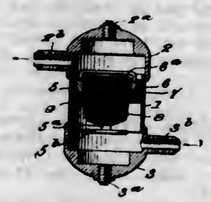
1. A finely divided product comprising the product of heating a mixture of finely divided diatomaceous earth, an hydroxide of an alkaline earth metal, and water.

1,574,364. EMBROIDERY HOOP. GUSTAV A. CARLSON, Chicago, Ill., assignor to The Boye Needle Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 17, 1925. Serial No. 50,611. 1 Claim. (Cl. 45—24.)



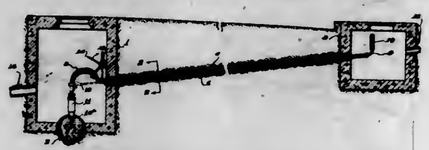
An inner ring for an embroidery hoop comprising a sheet metal member of annular form having lateral inwardly curled beads, and a sheet metal clip overlapping the end portions of said ring and interposed between said beads, the lateral edges of the end portions of said clip engaging indents in said beads.

1,574,365. STRAINER FOR GASOLINE. JOHN J. CASEY, Gloucester, Mass., assignor to Kant Clog Specialty Company, a Corporation of Massachusetts. Filed June 7, 1922. Serial No. 566,637. 5 Claims. (Cl. 210—165.)



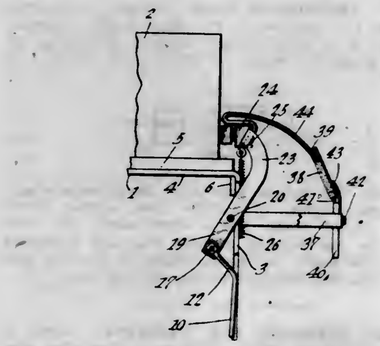
1. A strainer for liquid supply lines comprising a cylindrical casing or body, bearing lugs therein projecting inwardly, an upper and a lower end cap fitted to the body, each having a central tapped opening closed by a removable plug, and each having a lateral nipple for connection to discharge and to inlet pipe or tubing, respectively, and a cage centrally disposed in said body and supported on said lugs, said cage enclosing a pair of strainers and being in two parts, one part comprising a flanged ring or body with arms supporting a lower ring for protecting the lower strainer, and the other part comprising a clamping ring threaded into the flanged ring of the first part so as to clamp the strainers between them, and carrying a bent up cross bar serving to protect the upper strainer and also to turn the clamping ring.

1,574,366. APPARATUS FOR TESTING WATER MAINS. JOHN A. COLE, Chicago, Ill. Filed May 3, 1924. Serial No. 710,843. 4 Claims. (Cl. 73—167.)



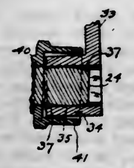
1. Means for testing a water main extending under a street, including a street manhole, a side walk manhole, a meter arranged in the street manhole, extending into the water main and actuated by the water flowing through the main, an indicating instrument arranged in the side walk manhole, and means operatively connecting the meter to the indicating instrument, whereby the velocity of the water flowing through the main will be indicated by the instrument in the side walk manhole.

1,574,367. PRINTING MECHANISM. PAUL P. COMMANDER, Doerun, Ga. Filed Sept. 15, 1924. Serial No. 737,840. 5 Claims. (Cl. 101—42.)



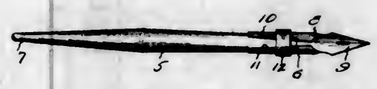
1. In a device of the class described, a support, a type lever fulcrumed on the support, type on the type lever, a swinging pad cooperating with the type, and an opener coacting with the pad to swing the pad away from the type when the lever is swung in one direction, the opener being carried by the lever, the opener having arcuate movement with respect to the fulcrum of the lever.

1,574,368. FAUCET. JOSEPH A. COSTELLO, Cleveland, Ohio, assignor to The Cleveland Brass Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 1. 1925. Serial No. 47,407. 2 Claims. (Cl. 251—163.)



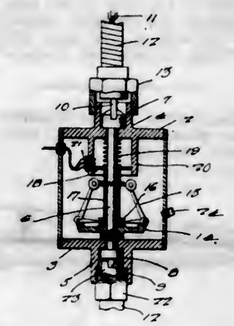
2. A faucet comprising a casing which has a fluid-receiving chamber having a fluid-outlet, a valve arranged to control communication through said outlet, a shaft supported from the casing and having means for actuating the valve into an open position during the required rotation of the shaft and also having an end portion thereof externally of the casing, and a crank embracing said portion of the shaft, the crank-embraced portion of the shaft having two substantially parallel external flat surfaces formed at opposite sides respectively of and extending endwise of the shaft and two substantially corresponding external surfaces which extend transversely of the shaft from one to the other and endwise of said flat surfaces and curve outwardly longitudinally and transversely of the shaft, the shaft-embracing portion of the crank being internally contoured as required to permit tilting of the crank toward and from the casing and to conform to said flat surfaces, and the crank and the casing having means whereby the crank, when it has been tilted to the required extent toward the casing after the aforesaid rotation of the shaft, is held against movement that would permit closing of the valve.

1,574,369. PEN. MONROE A. COVER, Okmulgee, Okla. Filed Mar. 21, 1925. Serial No. 17,287. 7 Claims. (Cl. 120—101.)



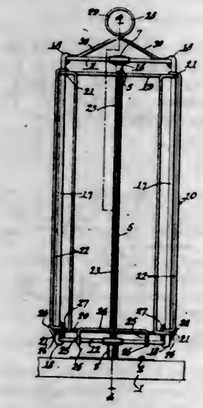
1. In a pen of the class described, a holder having a tapered extremity, a pen point having a sleeve formed thereon, and a remaining band adapted to retain the said sleeve in engagement with the said holder.

1,574,370. CENTRIFUGAL SWITCH. HAROLD E. CURTISS, Monroe, Mich. Filed Aug. 25, 1924. Serial No. 734,045. 1 Claim. (Cl. 200—80.)



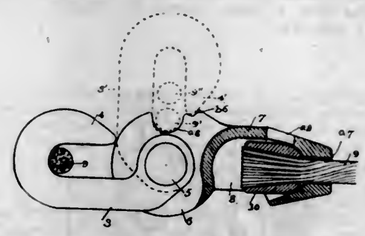
A device of the class described comprising a casing embodying an open ended cylinder, closing plates for the opposite ends of said cylinder, one of said plates being provided with internal and external sockets, the other plate being formed with an external socket, a rotary shaft extending through the casing and having heads on its opposite ends located in said external sockets, a plurality of relatively stationary contacts mounted upon the wall of the internal socket, a sleeve slidably mounted upon said shaft, said sleeve having a flange at one end cooperable with said contacts and having a grooved collar at its opposite end, a coil spring located in said internal socket and surrounding the shaft and bearing at one end against said flange, and a speed controlled centrifugal governor fixedly mounted upon said shaft within said casing, said governor having spring pressed L-shaped arms, the short inturned ends of which extend into the groove in said collar.

1,574,371. DISPLAY RACK. EMILY C. CUSHING, Denver, Colo. Filed May 2, 1925. Serial No. 27,539. 2 Claims. (Cl. 40—124.)



1. In a display rack, a supporting base, a skeleton frame mounted to revolve on said base, card supporting members carried by said frame and comprising upright laterally spaced guides with a seat at the bottom, said guides being composed of upper and lower cross bars formed of wire arranged in a plane within that occupied by the members of the frame having loops one extended in one direction and one in the other and overlying each other to form guides or retainers for the edges of the cards to be supported, and supporting wires carried by the lower ends of the frame and bent to form pockets to receive the bottom of the card.

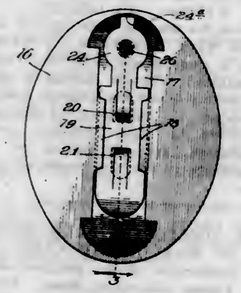
1,574,372. CHOKER HOOK. NAPOLEON A. DAMERON and ROY RHODES, Hamilton, Wash. Filed June 6, 1925. Serial No. 35,345. 1 Claim. (Cl. 24—242.)



In combination, a hook swivel having a shank with an arcuate end said arcuate end having a notch in the periphery thereof adapted to receive a cable, a stop lug on said shank adjacent said notch, and a hook pivoted to said swivel shank concentric with the periphery of said arcuate shank end with the point of said hook proximate to the periphery of said arc adapted to swing on said pivot and bear against said lug when the said hook registers with said notch said hook nonengageable with said cable except manually through said notch.

1,574,373. MEDALLION MOUNTING. JOSEPH A. DEDOUCH, Oak Park, Ill. Filed May 4, 1925. Serial No. 28,038. 5 Claims. (Cl. 40—20.)

1. In combination, a medallion having a depression in the rear face, a clip adapted to be secured to a surface to which it is desired to fasten said medallion, a groove having integral lips on said rear face extending vertically



along the back of the medallion, and a transverse shoulder on said medallion for engaging a portion of said clip to retain the medallion thereon.

1,574,374. PROCESS FOR TREATING IRON. WILLIAM J. DIEDERICHS and ANSON HAYES, Ames, Iowa. Filed Aug. 21, 1922, Serial No. 583,370. Renewed Aug. 28, 1925. 8 Claims. (Cl. 148—13.)

1. The process for the heat treatment of castings from white cast iron which consists in (1) subjecting of the casting to a temperature above the critical temperature of the material for a period of from fifteen minutes to five hours or more but only until the iron carbid present is practically all absorbed in the solid solution, which means that in irons of commercial composition the combined carbon is reduced to approximately nine-tenths of one percent; (2) the cooling of the casting to a lower temperature in the neighborhood of the critical temperature; and (3) the cooling of the casting to room temperature.

1,574,375. PROCESS FOR TREATING IRON. WILLIAM J. DIEDERICHS and ANSON HAYES, Ames, Iowa. Original application filed Aug. 21, 1922, Serial No. 583,370. Divided and this application filed Aug. 6, 1925. Serial No. 48,623. 5 Claims. (Cl. 148—13.)

1. The process for the heat treatment of castings from white cast iron which consists in (1) subjecting of the casting to a temperature above the critical temperature of the material; (2) cooling the casting to a temperature considerably below the original critical temperature; (3) reheating the casting to a sufficient temperature to allow structural and chemical changes to progress; and (4) cooling the casting at an extremely slow rate of about five degrees centigrade per hour.

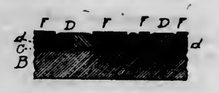
1,574,376. PROCESS FOR TREATING IRON. WILLIAM J. DIEDERICHS and ANSON HAYES, Ames, Iowa. Original application filed Aug. 21, 1922, Serial No. 583,370. Divided and this application filed Aug. 6, 1925. Serial No. 48,624. 5 Claims. (Cl. 148—13.)

1. The process for the heat treatment of castings from white cast iron which consists in (1) subjecting the casting to a temperature above the critical temperature of the material for a period of from fifteen minutes to five hours or more but only until the iron carbid present is practically all absorbed in the solid solution, which means that in irons of commercial composition the combined carbon is reduced to approximately nine-tenths of one percent; (2) the cooling of the casting to a lower temperature in the neighborhood of the critical temperature; and (3) the cooling of the casting at a rate not less than about seven degrees centigrade per hour.

1,574,377. PROCESS FOR TREATING IRON. WILLIAM J. DIEDERICHS and ANSON HAYES, Ames, Iowa. Original application filed Aug. 21, 1922, Serial No. 583,370. Divided and this application filed Aug. 6, 1925. Serial No. 48,625. 5 Claims. (Cl. 148—13.)

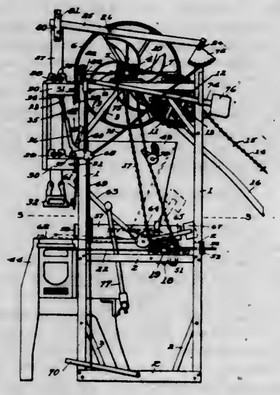
4. The process for the heat treatment of castings from white cast iron which consists in (1) the subjecting of the casting to a temperature above the critical temperature of the material; (2) the cooling of the casting to a point considerably below the original critical temperature by quenching; (3) reheating the casting to a sufficient temperature to allow chemical and structural changes to progress; and (4) cooling the casting to a temperature sufficientiy low that chemical and structural changes cease.

1,574,378. COLLOTYPE PRINTING PLATE AND METHOD OF MAKING THE SAME. WILLIAM J. DOBINSON, Somerville, Mass., assignor of one-half to Albert W. Finlay, Brookline, Mass. Filed Sept. 16, 1925. Serial No. 56,636. 3 Claims. (Cl. 41—41.5.)



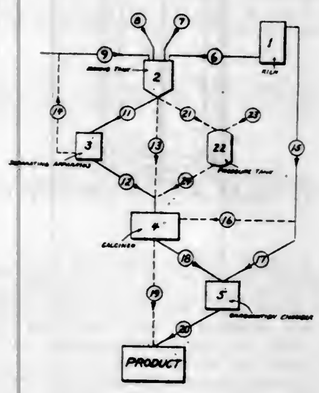
1. A collotype printing plate comprising a base; an inner coating of sensitized gelatine fixed to the base and insoluble in cold water when unhardened; and an outer coating of sensitized colloid soluble in cold water when unhardened, the outer coating covering and adhering to the inner coating, the two coatings being conditioned by the action of light through a negative, to provide each with hardened portions and leave other portions soft, and developed by cold water to remove the soft portions of the outer coating and swell, but not remove, the soft portions of the inner coating, so that the plate has a printing surface composed of ink-taking and water-rejecting hardened portions of the outer coating, and water-taking and ink-rejecting swelled portions of the inner coating, substantially flush with the hardened portions of the outer coating.

1,574,379. TAMPING MACHINE. CHARLES S. EMERT, Peoria, Ill. Filed Apr. 14, 1924. Serial No. 706,252. 9 Claims. (Cl. 25—41.)



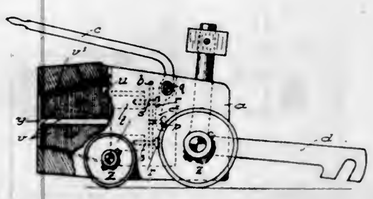
1. In a tamping machine the combination of a frame, a drive shaft mounted thereon, a plurality of cams on the drive shaft, levers cooperating with the cams, a movable fulcrum for carrying the levers, tamping members moved by the levers, fingers for holding the tamping members in elevated position, means for moving the fingers, and connections between the finger moving means and the movable fulcrum for the levers to move the levers out of the path of travel of the cams when the fingers are moved to engaging position.

1,574,380. ARTICLE OF MANUFACTURE AND PROCESS OF MAKING SAME. HERBERT A. ENDRES, Lompoc, Calif., assignor to The Celite Company, Los Angeles, Calif., a Corporation of Delaware. Filed June 23, 1925. Serial No. 39,142. 19 Claims. (Cl. 252—2.)



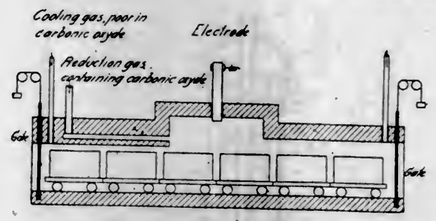
1. The process of producing a finely divided material comprising heating a mixture of a finely divided silica and lime in water, and then calcining the resulting product.

1,574,381. DRAWING CARRIAGE FOR DRAWING MACHINES. EUGEN ENTENMANN, Stuttgart, Germany. Filed Sept. 4, 1923. Serial No. 660,910. 2 Claims. (Cl. 205—24.)



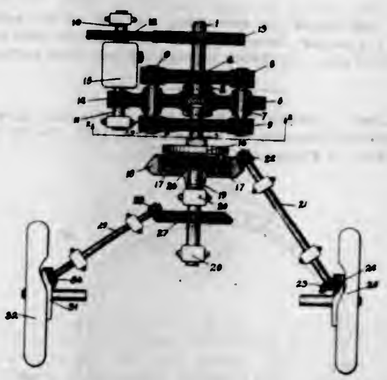
2. A drawing carriage for drawing machines for the drawing of several rods in one operation comprising in combination a carriage body having in its end face a conical cavity, a number of sector-shaped jaws in said conical cavity, springs for pressing said jaws in outward direction, a base plate in said carriage, means for adjustably fixing said jaws in said base plate, a hand lever for moving said jaws in said conical cavity so that they are pressed against one another and a drawing die for the rods to be drawn, said drawing die consisting of a plate of convenient shape having holes of convenient shape arranged in a circle around the centre of said plate so that the position of said holes corresponds with the position of said clamping jaws.

1,574,382. PROCESS FOR THE DRY REDUCTION OF IRON ORE. PEDER FARUP, Slemdal, near Christiania, Norway, assignor to Norsk Hydro-Elektrisk Kvaelstofaktieselskab, Christiania, Norway. Filed May 10, 1922. Serial No. 559,870. 5 Claims. (Cl. 204—63.)



1. In the dry process of reducing iron ore by means of carbonic oxide, the step which consists in cooling the reduced mass in an atmosphere containing only a relatively small proportion of carbonic oxide.

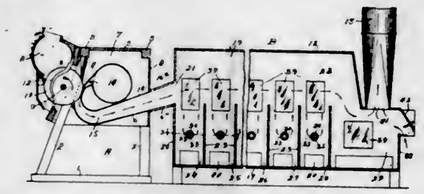
1,574,383. MOTOR-VEHICLE TRANSMISSION. JOHN DANIEL FRASER, Leamington, Ontario, Canada. Filed Sept. 25, 1922. Serial No. 590,438. 2 Claims. (Cl. 74—34.)



1. In a variable speed transmission for motor vehicles, the combination with the engine and driven shafts, of gears secured thereto in the vicinity of their adjacent ends, an idler gear mounted between the gears and free of the respective shafts, a plurality of longitudinally extending stub shafts rotatably mounted on the idler gear, pinions on the forward and rear ends of each stub shaft meshing respectively with the gears on the engine and driven shafts, a plurality of counter shafts, a friction clutch between the adjacent ends of the counter shafts, a pinion on the rear counter shaft meshing with the idler gear, a second gear on the engine shaft, and a gear on the forward counter shaft meshing therewith.

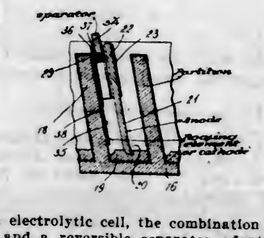
1,574,384. MECHANISM FOR CLEANING COTTON FIBERS. JAMES C. GARNER, Houston, Tex. Filed Aug. 30, 1921. Serial No. 496,872. 10 Claims. (Cl. 19—76.)

9. The combination with the saws adapted to separate the cotton fibers from each other and from relatively large quantities of foreign material commingled with the cotton, a duct for finally receiving said fibers, means enclosing a relatively elongated horizontal pathway between said saws and said duct, and a pneumatic mechanism arranged to cause a stream of air to take the fibers and the smaller particles of foreign material from the saws and convey them together along said pathway, the devices which define the pathway being arranged to



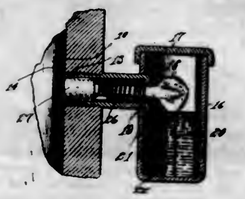
guide the fibers to said duct and to permit said particles of foreign material to separate by gravity from the fiber, and means for supplying supplemental vertically moving streams of air below said pathway.

1,574,385. PROCESS AND APPARATUS FOR MANUFACTURING ROOFING ELEMENTS. JULIUS H. GILLIS, Elizabeth, N. J., assignor, by mesne assignments, to Anaconda Sales Company, a Corporation of Delaware. Filed Nov. 21, 1923. Serial No. 676,117. 21 Claims. (Cl. 204—1.)



1. In an electrolytic cell, the combination of an anode, a cathode and a reversible separator adapted to lie between the anode and the cathode and having conducting contact surfaces engaging the anode and cathode.

1,574,386. LUBRICATING DEVICE. ALPHONS H. GITS, Chicago, Ill.; Valentine Gits Farrow administratrix of Alphons H. Gits, deceased. Filed Jan. 17, 1923. Serial No. 613,298. 8 Claims. (Cl. 184—64.)



2. A lubricating device including a lubricant container, a pair of wicks within the container having their adjacent ends loosely connected, and an independent and separable lubricating element carried by one of the wicks.

1,574,387. VEHICLE-DOOR WINDOW. GEORGES HAARNAGELL, Paris, France. Filed June 4, 1919. Serial No. 301,764. 2 Claims. (Cl. 296—48.)

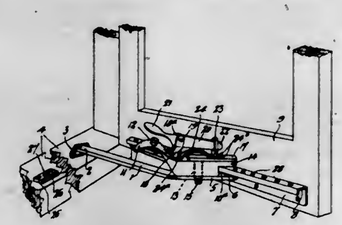
2. A door having a recess therein open at the top of the door, a window movable vertically in said recess and through said opening, telescopically related slides one of which coacts with said window in the raising of the latter, said slides having means to cause successive move-

ments thereof when the first is operated, means to secure the lower side of the window when same is raised, and yieldable means arranged to exert downward thrust on



one of the slides when the window is raised to cushion the same and prevent casual upward movement of the window.

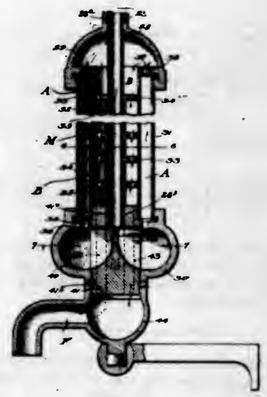
1,574,388. WINDOW OPENING AND CLOSING APPARATUS. IVAN HART, Avondale, near Auckland, New Zealand. Filed Mar. 31, 1924. Serial No. 703,279. 2 Claims. (Cl. 268—13.)



1. Window opening and closing apparatus comprising a link arm having means at one end to pivotally mount the same on a window sill, an adjusting bar for attachment to a window and provided with spaced openings, the free end of said link arm being pivotally and slidably connected to said adjusting bar, a plate mounted on the link arm for vertical movement and having a pin to engage any of the openings of the adjusting bar, a spring exerting its tension on said plate to normally hold the latter and pin in engaged position, and a lever pivotally mounted on said arm and connected to said plate to raise the latter and pin against the tension of said spring.

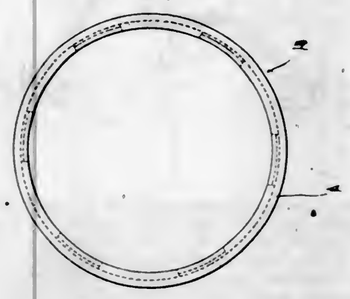
1,574,389. WATER-PURIFYING APPARATUS. HARRY BUXTON HARTMAN, Scottdale, Pa. Filed Apr. 15, 1921. Serial No. 461,504. 8 Claims. (Cl. 261—75.)

1. A water purifying apparatus including a mixing device having a casing consisting of a cap and base, concentric shell members clamped between the cap and base, a central inlet pipe, means for causing liquid supplied from said central conduit pipe to flow into the passage formed by the outermost of said concentric shell mem-



bers, and means for permitting the exit of the water from the passage formed between the innermost shell and the inlet pipe and thence through the said base member.

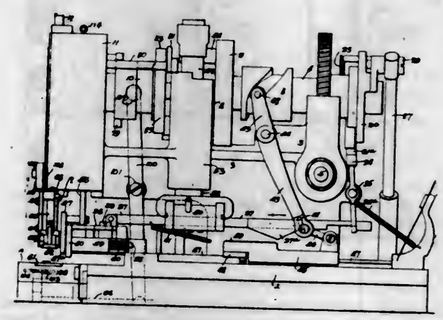
1,574,390. DEMOUNTABLE RIM. WILLIAM RUFUS HEDRICK, Roanoke, Va. Filed Oct. 6, 1925. Serial No. 60,800. 3 Claims. (Cl. 301—35.)



1. A demountable rim comprising a pair of complementary rim sections, complementary inturned flanges formed on the inner edges of the sections, said flanges being disposed outwardly at spaced intervals to provide pairs of lateral projections, and a series of channel-shaped locking members slidable on the aforementioned flanges and adapted to extend over the respective pairs of lateral projections for securing the rim sections together.

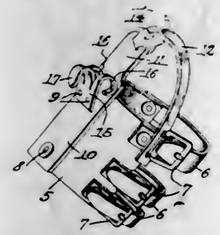
1,574,391. TICKETING MACHINE. GEORGE W. HENRY, Jr., Philadelphia, Pa., assignor to Soabar Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 15, 1923. Serial No. 680,885. 3 Claims. (Cl. 112—104.)

1. The combination in a ticketing machine, of a bed; a reciprocating feeding device for feeding a strip of tickets over the bed; means for cutting a ticket from the strip; a work plate, on which the material is placed, a presser foot; feed mechanism and stitching mechanism; a slide mounted on the presser foot arranged to move



with a ticket and the material during the stitching process; and means for returning the slide to its first position after a ticket has been secured to the material.

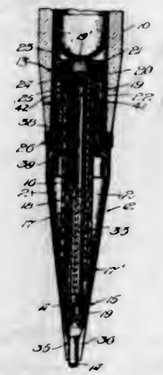
1,574,392. CORN HUSKER. JOHN J. HESER, Tamora, Nebr. Filed Dec. 8, 1924. Serial No. 754,578. 1 Claim. (Cl. 130—4.)



In a husking device, a body portion, a supporting strap secured to the body portion and having one end thereof extending beyond the body portion and provided with an obliquely disposed slot, buckles having straps secured to the body portion, a thumb strap having slits formed adjacent to its ends, said strap adapted to be passed through the slot and the opposite end of the strap passed through the slit of the thumb strap adjacent to the obliquely disposed slot providing a loop, one of the buckles adapted to be passed through the slit in the opposite end of the thumb strap to removably secure the thumb strap to the body portion, and a husking hook on the supporting strap.

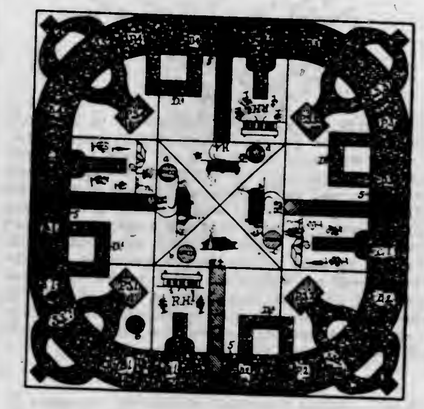
1,574,393. LEAD-PENCIL MECHANISM. GEORGE HOFMANN, Chicago, Ill., assignor to Ralph Bard, trustee, Chicago, Ill. Filed Aug. 17, 1922. Serial No. 582,348. 10 Claims. (Cl. 120—18.)

1. In a pencil mechanism of the character described, the combination with a barrel, of a central lead-tube rigidly connected with said barrel to be held by it against rotation, a propeller element having a portion entering said tube to act against the lead and having a portion outside of said tube adapted to engage a screw member to be propelled thereby, a screw member surrounding said tube and engaging said propeller element, said screw member having its inner end connected with said barrel to hold it against longitudinal displacement but free for rotation with respect to said barrel and to said lead-tube, and having connected for rotation with said rotatable element a turning member which is exteriorly accessible to the fingers and arranged beyond the forward end of the barrel, and a tip structure extending



from said turning member to a point beyond the end of the lead-tube, and being free from the latter and demountably attached to the barrel-carried structure.

1,574,394. AUTOMOBILE GAME. JAMES H. HOLME, Tacoma, Wash. Filed June 9, 1923. Serial No. 644,515. 3 Claims. (Cl. 273—134.)

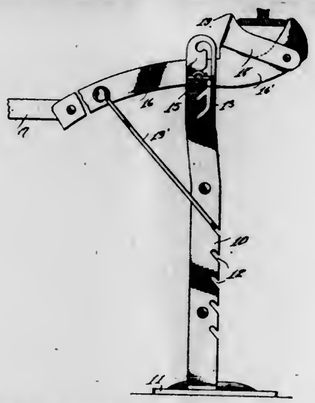


1. An automobile game comprising a board or table chart and playing members and traffic officer member, said board consisting of a starting point indicated by two or more homes, a road or lane leading from each of said homes to a main encircling highway, said main highway divided into units or spaces to measure an equal distance of travel over the same for each tourist when touring thereon from each of said homes and returning to the same.

1,574,395. VEHICLE JACK. EDWIN A. HOWE, Bancroft, Iowa. Filed July 28, 1925. Serial No. 46,615. 3 Claims. (Cl. 254—131.)

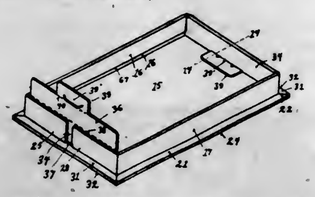
1. A jack including a standard, a foldable, lifting lever pivotally mounted on the standard and having a recessed

axle supporting end, and a member pivotally mounted on the axle supporting end of the lever and movable into



and out of cooperative axle supporting position, over said recessed end, at times, and for retaining embracing engagement with the foldable lever.

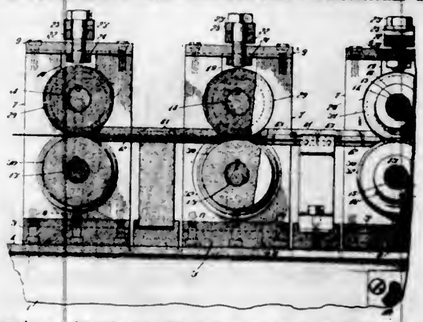
1,574,396. FOLDING BOX. CHARLES B. HOY, Cincinnati, Ohio. Filed Nov. 3, 1921. Serial No. 512,618. 15 Claims. (Cl. 229—34.)



15. A blank for a folding box section to constitute a box lid or box container comprising a main portion, side wall portions at the sides of said main portion provided with end members extending past the ends of said main portion, end wall portions at the ends of said main portion comprising two end wall members and a locking tongue separated by score lines and a slit, the end wall members adjacent to the main portion being folded inside of the end members of the side wall portions, and the outer end wall members being folded outside of the end members of the side wall portions, and the locking tongues inserted through slits in the end wall portions to lock the end and side wall portions together when the blank is set up into a box section.

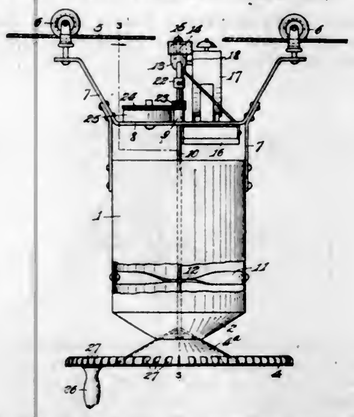
1,574,397. METAL-FORMING MACHINE. CHARLES W. KIRSCH, Sturgis, Mich., assignor to Kirsch Manufacturing Company, Sturgis, Mich., a Corporation of Michigan. Filed Aug. 9, 1923. Serial No. 656,560. 9 Claims. (Cl. 153—54.)

1. In a machine of the kind specified, a plurality of pairs of strip bending and forming elements between which a strip of sheet metal is adapted to be successively passed, each of said pairs of elements including a middle driven roll having a cylindrical face, all of said driven rolls being of equal diameter and adapted to effect forced travel of the strip while maintaining the portion thereof engaged by said rolls in normal condition, a pair of idle rolls associated with each driven roll and axially aligned therewith for bending the side edge portions of the strip and adapted to be rotated relatively to the driven roll by contact with the strip, and guides associated with and disposed between successive pairs of bending elements for guiding the strip from each pair of said elements to the next thereof, each of said guides having a guide opening corresponding in contour and cross-sectional di-



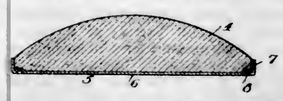
mensions with that of the strip as the same is delivered from the pair of bending elements behind each of said guides.

1,574,398. POULTRY-FEEDING APPARATUS. WILLIAM C. KISNER, Watson, W. Va. Filed Nov. 26, 1923. Serial No. 676,911. 9 Claims. (Cl. 161—10.)



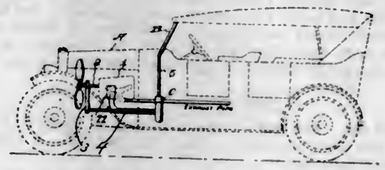
2. A time feed distributing apparatus comprising a feed container supported in an elevated position and having a bottom opening, a centrifugal feed distributor shiftable into and out of closing relation to said opening, means for holding said distributor in its closing position, time mechanism whereby release of said distributor from said holding means is effected at a predetermined time, and means for rotating said distributor when released.

1,574,399. COMPACT-POWDER HOLDER. JOHN S. LYON, Rochester, N. Y., assignor to John Bartholomew, Rochester, N. Y. Filed Apr. 26, 1923. Serial No. 634,662. 2 Claims. (Cl. 132—82.)



1. A tray or holder for compacted powder cakes embodying a sheet metal bottom having a surrounding shallow flange providing an upright side wall, the bottom being provided with an annular rib punched up from the under side thereof and closely adjacent and parallel to the base of said side wall.

1,574,400. WINDSHIELD. MARTIN B. MCGRAW, Beaver Falls, Pa. Filed Apr. 14, 1922. Serial No. 552,623. 8 Claims. (Cl. 20—40.5.)



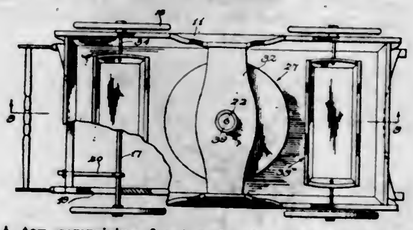
1. In a protecting device a hollow frame member adapted to receive a pane of glass and provided with a series of symmetrically arranged apertures, and means for supplying the frame member with air under pressure, said air passing outwardly through said apertures.

1,574,401. EGG-TURNING DEVICE FOR INCUBATORS. JOSEPH MCKEON, Independence, Mo. Filed Jan. 19, 1925. Serial No. 3,213. 2 Claims. (Cl. 119—44.)



1. In an egg turning device for incubators, a support, and an egg holder pivoted thereon to swing to two positions at opposite sides of the vertical, the holder having parallel sides and a V-shaped bottom, whereby each egg held therein will in either position of the holder have contact with one side of the holder and with both flaring portions of the bottom thereof.

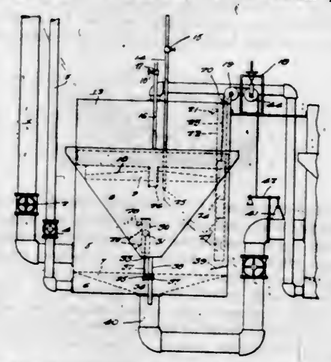
1,574,402. DOLL CARRIAGE. JOSEPH MATUSHAK, Garfield, N. J. Filed June 23, 1924. Serial No. 721,766. 1 Claim. (Cl. 46—45.)



A toy comprising front and rear cross runners, side runners connecting the cross runners and having longitudinal slots near their rear ends, a wheeled axle inserted through and slidably supported in said slots, rods secured in and adjustable through the rear runner and provided at their front ends with hooks engaged around the wheeled axle, a floor secured upon the runners, a spindle mounted vertically in the floor in advance of the axle, a cage secured on the spindle above the floor, a sheave on the spindle below the floor, a pulley on the axle, and a belt trained around the sheave and the pulley.

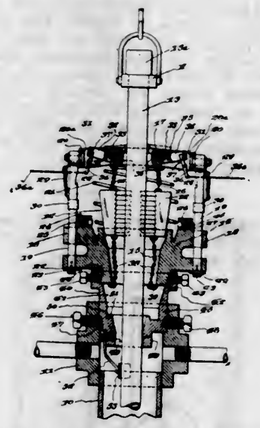
1,574,403. FLOTATION MACHINE. STEPHEN ERNEST MEYER, Hayden, Ariz. Filed Oct. 24, 1924. Serial No. 745,624. 1 Claim. (Cl. 209—170.)

In a flotation machine of the class described, a pair of cells, froth collecting means within the cells, means for admitting pulp into the lower portion of one cell, means for admitting air into the lower portion of the last mentioned cell, a mat located in the last mentioned cell and disposed between the pulp and air admission means, a gas conducting pipe leading from the bottom of the last mentioned cell, a pipe leading from the top of the last mentioned cell, the cell being otherwise closed against the escape of gas, the first mentioned pipe communicating with the other cell in its bottom portion,



the second pipe communicating with the other cell below the first mentioned pipe, a mat located in the other cell and disposed between the two pipes, a valve in the first mentioned pipe, and float control means in the first cell for controlling said valve.

1,574,404. GRIPPING DEVICE. JOSEPH F. MOODY, Ranger, Tex. Filed Apr. 17, 1922. Serial No. 553,877. 12 Claims. (Cl. 24—263.)



1. A gripping device comprising a member having a downwardly tapered vertical opening, a series of slips positioned to descend in said opening to assume a work-gripping position, a vertically movable support for the slips carried by the aforesaid member, means for yieldably holding the support elevated to position the slips in non-gripping position, and means associated with the support for coupling the same to the work upon a downward movement of the latter relative to the support.

1,574,405. GARMENT AND LIKE ARTICLE OF MANUFACTURE. HARLEY C. MOULTON, Medford, Mass., assignor, by mesne assignments, to Lewis Invisible Stitch Machine Co., a Corporation of Maine. Filed June 9, 1922. Serial No. 567,043. 6 Claims. (Cl. 112—268.)

6. A plain edge garment having a body comprising an outer layer and a facing connected together by a taped

infolded edge seam, a layer of stiffening material connected to said tape by an elastic lock-stitch seam comprising a series of alternating loops which respectively enter into and emerge from the respective juxtaposed faces of the stiffening material and the tape and are connected by a concatenating thread the portions of which between the loops overlie the edge of the tape and an elastic lock-stitch seam connecting said stiffening layer



and facing together at a distance remote from the infolded edge seam and also remote from the edges of said stiffening layer comprising a series of alternating loops of thread which respectively enter into and emerge from the juxtaposed faces of said facing and stiffening layers respectively and extend in the direction of the line of seam and a concatenating thread connecting said alternate loops the sections of which intermediate of the loops extend in directions oblique to the line of the seam.

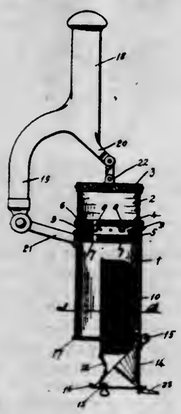
1,574,406. COMPOSITION FOR CLEANING STONE. GUSTAF A. NELSON, New York, N. Y. Filed June 12, 1923. Serial No. 644,944. 3 Claims. (Cl. 87—5.)

1. A composition of matter for cleansing granite, stone, marble, tile, etc., composed of technical ammoninium fluoride, oxalic acid and water.

1,574,407. CLEANING COMPOSITION FOR GRANITE, STONE, ETC. GUSTAF A. NELSON, New York, N. Y. Original application filed June 12, 1923, Serial No. 644,944. Divided and this application filed Sept. 9, 1924. Serial No. 736,790. 1 Claim. (Cl. 87—5.)

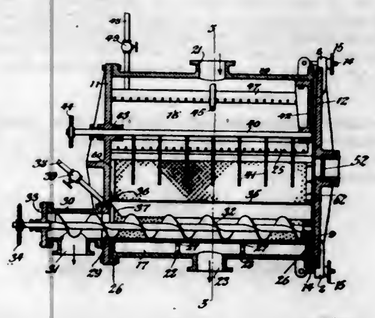
A composition matter for cleaning granite, stone, marble, tile, etc., comprising 75% ammoninum fluoride, 10% oxalic acid, 15% carbonate of sodium, compounded to about the weight of one and a half pounds, and mixed with about one gallon of water.

1,574,408. SMOKE PUMP. VITTORIO OREGGIA, San Remo, Italy. Filed Apr. 17, 1925. Serial No. 23,864. 1 Claim. (Cl. 43—128.)



A smoke pump comprising a cylindrical body with cylindrical bellows connected to its rear end, partitions in said body forming an air chamber, nozzles projecting from one of said partitions and leading air from said bellows, holes in the cylindrical wall of said air chamber, holes in the second partition in alignment with said nozzles, a basket made of wire netting and fitted within said body, a funnel like cover pivoted to the body, a chain linking said basket to the cover, a double arm grip, with two arms each of which is articulated to depending projections from said body and said bellows.

1,574,409. FILTER. GEORGE J. PEZOLD, Buffalo, N. Y. Filed Dec. 19, 1923. Serial No. 681,460. 6 Claims. (Cl. 210—151.)



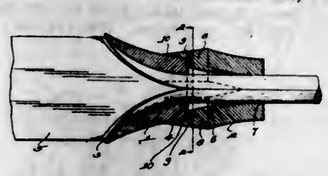
5. A filter comprising a shell provided on opposite sides of its interior with longitudinal flanges having the form of downwardly projecting hooks and having a removable head at one end, and a downwardly dished screen having its longitudinal edges engaging underneath said hook flanges and movable into and out of that end of the shell which is normally closed by said removable head.

1,574,410. LUBRICATING SYSTEM FOR INTERNAL-COMBUSTION ENGINES. CLAUDE LACY POWELL, Alamo, Tenn. Filed Oct. 7, 1921. Serial No. 506,029. 2 Claims. (Cl. 184—6.)



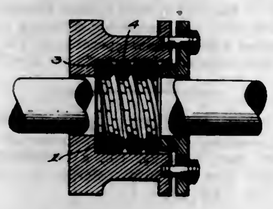
1. In combination with an internal combustion engine having a lubricating system and also having a fuel inlet, a throttle associated with the fuel inlet and governing the supply of fuel flowing therethrough to the engine, operating means positively and directly connected to the throttle for controlling and adjusting the same throughout its range of movement, means for supplying lubricant to the lubricating system of the engine and including an oil reservoir having a directly and downwardly extending connection projecting into the engine casing, a valve incorporated in said connection and operable to shut off or to permit in varying degrees the flow of lubricant from said oil reservoir to said engine under the influence of gravity, said valve being directly connected to and controlled by the operating means for the throttle whereby to be shut off when the throttle is shut off and opened as and when and in proportion to the degree to which the throttle is opened.

1,574,411. BUTT-WELDING PIPE. WINFIELD SCOTT STEVENSON, Zanesville, Ohio. Filed Oct. 10, 1923. Serial No. 667,728. 4 Claims. (Cl. 205—28.)



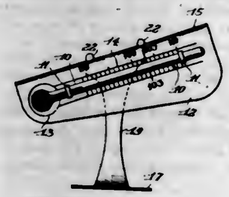
1. A pipe forming bell comprising a forming section and a welding section, said sections being provided with longitudinally aligned bearings, the bearings in the forming section being of greater diameter than the bearing in the welding section, and said welding section being provided at one end with a plurality of longitudinally extending transversely spaced bridge extensions having recesses provided in the outer ends thereof for the reception of the end of the adjoining forming section, and the spaces between said bridge extensions being such as to provide outlets at intervals around the full circumference of the bell.

1,574,412. METALLIC PACKING. ELMER E. SWITZER, Beaumont, Tex., assignor to George D. Switzer, Richard E. Switzer, and Thomas T. Switzer, all of Beaumont, Tex. Filed Sept. 3, 1925. Serial No. 54,243. 2 Claims. (Cl. 154—45.5.)



2. A packing comprising a rubber casing having an outer grooved face, and sectional metallic inserts in said casing and projecting beyond the inner face of the casing for producing a metallic bearing surface for engaging a rod or piston.

1,574,413. INCUBATOR THERMOMETER. HERBERT J. WINN, Rochester, N. Y., assignor to Taylor Instrument Companies, Rochester, N. Y., a Corporation of New York. Filed Aug. 20, 1924. Serial No. 733,100. 5 Claims. (Cl. 73—52.)



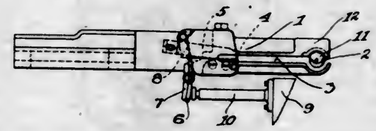
1. In an incubator thermometer, the combination of a thermometer tube, a plate on which said tube is mounted having at one lateral margin an angular flange provided with an aperture, and a standard comprising abutment means and a lug for engagement with said flange and aperture respectively to detachably support said mounting plate and tube in reading position.

1,574,414. BUTTON. ANDREW A. AHLQUIST, Lynn, Mass. Filed Sept. 3, 1925. Serial No. 54,368. 3 Claims. (Cl. 24—90.)



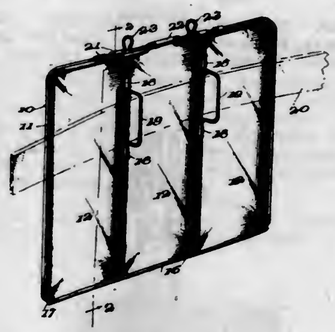
1. A method of making buttons, comprising rolling a strip of material upon itself, said roll being slitted, and the free end of said strip passed through said slit to a point where notches on the edges of said strip lock against the edge of the slit next said free end.

1,574,415. LOOM TEMPLE. GEORGE CROMPTON, Jr., Worcester, Mass. Filed Apr. 4, 1923. Serial No. 629,890. 1 Claim. (Cl. 139—303.)



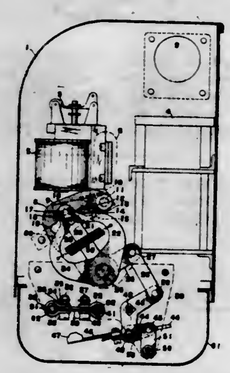
In apparatus of the class described, the combination with a temple head, means for engaging one side of the cloth carried by said temple head and further means for engaging the other side of the cloth, of a bifurcated bracket one arm of which carries said temple head and the other arm of which carries said second named means, thus leaving a slot allowing a thread to extend therethrough substantially at right angles to the selvage of the goods after being drawn by the weaving of a piece of goods completely away from both said means for engaging the cloth, and an automatic thread cutter located adjacent said slot substantially removed from both said means for engaging the cloth.

1,574,416. CARRIER OR HOLDER FOR ARTIFICIAL BAIT. FRANK HOWARD CAMPBELL, Lewisburg, W. Va. Filed Apr. 17, 1925. Serial No. 23,891. 3 Claims. (Cl. 43—31.)



1. A holder for artificial minnows, consisting of a two-part casing, the parts of which are hingedly connected along one edge of the casing, detachable fastening means in connection with the opposite edges of the parts, said casing parts having indented or dished portion paralleling one another in a direction at right angles to the hinged edges of the parts and forming separate minnow compartments when the casing is closed, and belt engaging loops whereby the carrier may be supported on the person in use, said loops being mounted externally of one of the casing parts and disposed parallel with and between the indented or dished portions thereof.

1,574,417. SWITCH. HERBERT W. CHENEY, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Oct. 29, 1919. Serial No. 334,887. 22 Claims. (Cl. 200—6.)



1. A switch comprising two sets of relatively stationary contact means having the centers of their effective contact surfaces spaced apart a given distance, movable contact means having an open circuit position outside of a semi-circle having a diameter equal to said distance and in a plane perpendicular to said surfaces, and means whereby said movable contact means is caused to execute a combined motion of translation and rotation in moving directly from said open circuit position into engagement with either of said relatively stationary contact means.

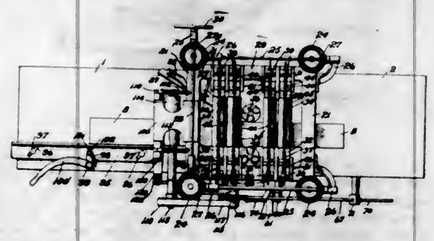
17. In combination a switch operating mechanism having off, starting and running positions, a switch contact movable in unison with said operating mechanism, and means for preventing slow oscillation of said mechanism between the starting position and a position between the starting and off positions.

1,574,418. SCALP-TONIC APPLICATOR. PASQUALE COVIELLO, Highland Mills, N. Y. Filed Oct. 22, 1924. Serial No. 745,205. 1 Claim. (Cl. 128—65.)



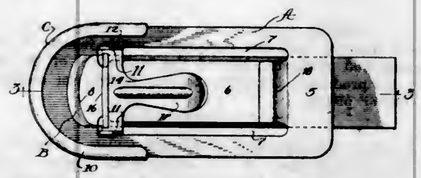
A scalp tonic applicator comprising a comparatively flat body, a plurality of fingers projecting from the outer end of the body having their longitudinal axes arranged in the same plane, the inner end of the body being reduced and provided with a chamber, and internal threads adapted to secure the body to a container, the intermediately disposed fingers being each provided with a longitudinal passage and a discharge port at the free end thereof, the central portion of the body having passages connecting the passages in the intermediate fingers with the chamber, the fingers at each side of the intermediate fingers being solid.

1,574,419. BOARD-DRESSING MACHINE. GLENN H. DICKERSON, Grand Rapids, Mich., assignor of one-third to De Forest Hamilton and one-third to Henry Riechel, both of Grand Rapids, Mich. Filed Jan. 17, 1923. Serial No. 613,162. 10 Claims. (Cl. 144—90.)



1. In a machine of the class described, a support, a feed and a delivery table carried thereby in alinement and spaced apart at their adjacent ends, driven feed rollers located between the tables, presser rollers associated with and located above the feed rollers, a relatively fixed rotatably mounted cutter located between the tables, a pivotally mounted arm on the support, a second cutter rotatably mounted on said arm, a bar connected to the arm extending laterally therefrom, a block through which the arm passes, a clamping member carried in the block and bearing against the bar, a screw for clamping said member against the bar, a gear rotatable with one of the feed rollers, a bar formed with a rack section thereon located adjacent the gear, a bar extending from the screw, connections between said two last mentioned bars, and means for elevating the rack bar into engagement with the gear operated by the passage of a board to the cutters, substantially as described.

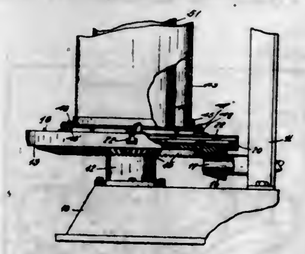
1,574,420. REED TRIMMER. GEORGE A. FINDER, Chicago, Ill., assignor, by mesne assignments, to Finder & Urbanek, Inc., Chicago, Ill., a Corporation of Illinois. Filed Aug. 2, 1924. Serial No. 729,852. 3 Claims. (Cl. 144—146.)



1. In a reed trimmer, the combination of an elongated body having a pair of spaced longitudinal slots between which is extended a spring tongue connected at one end integrally with the body, a pair of ears extended through the slots adjacent the ends thereof which are remote from the tongue connection with the body, means connecting the two ears having a clamping engagement with one body end, a cutting edge on the body closely adjacent to and formed in conformity with the edge on the free tongue end, and a cam device pivoted between the two ears adapted to move the tongue in a manner to perform a shearing operation, substantially as described.

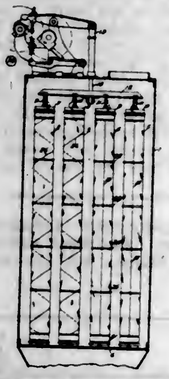
1,574,421. APPARATUS FOR MAKING CONCRETE PIPE. CLARE H. BULLEN, Portland, Oreg., assignor to Tuerck Mackenzie Machine Co., Portland, Oreg., a Corporation of Oregon. Filed June 1, 1923. Serial No. 642,728. 10 Claims. (Cl. 25—30.)

1. In a machine of the class described, a rotatable table having a plurality of radially directed slots therein, a bar slidably mounted in each said slot provided with a plurality of tapped holes spaced along its length,



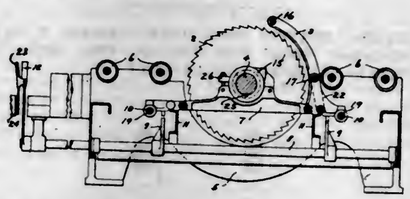
and a mold-supporting block provided with means cooperating with said bar-holes for clamping said block to the table.

1,574,422. DUST COLLECTOR OR FILTER. ROBERT F. FEIND, West Allis, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Feb. 20, 1922. Serial No. 537,858. 10 Claims. (Cl. 183—58.)



1. A dust collector of the bag type, having a filter bag provided with means for discharging static charges of electricity on said filter comprising a grounded electrical conductor in contact with a substantial portion of said bag.

1,574,423. RIFT SPLITTER. WILLIAM G. HAGMAIER, West Allis, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Apr. 13, 1922. Serial No. 552,159. 2 Claims. (Cl. 143—37.)



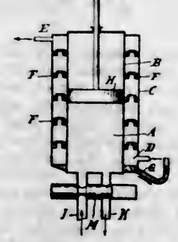
1. In combination, an arbor, a circular saw, a collar supporting said saw for movement along said arbor, stationary supports located on opposite sides of the vertical plane of the axis of said arbor, a guide rod located adjacent to the side of each of said supports remote from said arbor, a saw shifting frame engaging said collar, said frame resting on said supports and slidably engaging said rods, means for moving said frame, and a splitter rigidly associated with said frame in the plane of and closely adjacent to said saw.

1,574,424. CONDENSER. HARRY A. HATCH, Newark, N. J., assignor to Splitdorf Electrical Company, Newark, N. J. Filed Oct. 16, 1920. Serial No. 417,847. 11 Claims. (Cl. 250—41.)



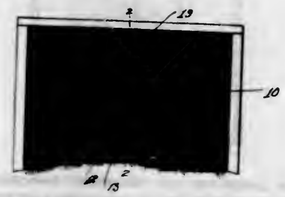
11. In a condenser comprising a stack of conducting layers separated by insulation, at least one relatively rigid insulating cover plate for said stack, and a deformable conducting plate at each side of the condenser, part of said layers being electrically connected to one of said side plates, and the remaining layers to the other side plate, each side plate having its opposite edges bent over so that at least one edge engages the outer face of said cover plate, said edge having securing means and said cover plate having openings to receive said means to assist in holding said edge against said cover plate, said means being too short to project from the inner faces of said cover plate into said stack.

1,574,425. SEPARATION OF GASEOUS MIXTURES BY LIQUEFACTION AND RECTIFICATION AND APPARATUS THEREFOR. EUGÈNE JORDAN, Paris, France, assignor to Societe l'Air Liquide (Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude), Paris, France. Filed Apr. 24, 1923. Serial No. 634,206. 14 Claims. (Cl. 183—115.)



1. The method of separating the constituents of gaseous mixtures by liquefaction and rectification, which comprises liquefying and simultaneously rectifying the gaseous mixture by the refrigerative effect of a gas, which is expanding with external work, in a chamber in heat transfer relation with the chamber in which the expansion occurs.

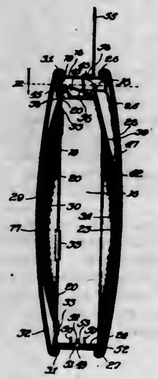
1,574,426. FLYTRAP. LOUIS H. KOLL, Casper, Wyo. Filed Dec. 4, 1922. Serial No. 604,802. 1 Claim. (Cl. 43—119.)



A fly trap comprising a pair of inverted angular U-shaped wire members disposed in close parallel relation, an elongated trough extending longitudinally between the lower ends of the legs of said members and

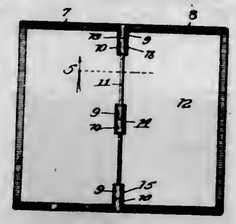
transversely between the legs of said members and being secured thereto, a reticulated covering secured to the U-shaped members and combining therewith to form an enclosure open at the bottom with the reticulated material terminating a short distance above said trough to permit free entrance of flies to the trough, and a snare within the reticulated enclosure having its lower end secured to the walls of the enclosure a short distance above the lower edges of the reticulated material.

1,574,427. BANK. JOSEPH KOMOROUS, Riverside, Ill., assignor to Parisian Novelty Company, Chicago, Ill., a Corporation of Illinois. Filed June 6, 1924. Serial No. 718,284. 29 Claims. (Cl. 232—4.)



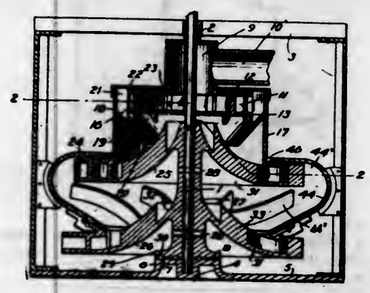
1. A bank structure formed of a hollow body comprising a ring, a plate-member extending crosswise of said ring adjacent one edge thereof, and an end plate flatwise opposing said plate-member, said plate-member having a deflected portion spaced from said end-plate and ring and affording therewith a compartment at the marginal edge of the bank, the bank also having a coin compartment, said hollow body containing an opening through which coins deposited in said coin compartment may be withdrawn therefrom, a closure for said opening, and releasable locking means for said closure comprising an element in said first-referred-to compartment.

1,574,428. BOOKLET. JOSEPH KOMOROUS, Chicago, Ill., assignor to Parisian Novelty Co., Chicago, Ill., a Corporation of Illinois. Filed July 23, 1925. Serial No. 45,532. 2 Claims. (Cl. 129—1.)



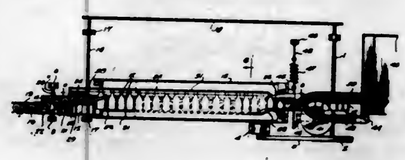
1. An article of the character described comprising separate cover sections, a removable and replaceable pin hingedly connecting said sections together, and a double-page sheet located between said cover sections and extending across the joint therebetween and removably held in place by said pin.

1,574,429. FLUID MOTOR. WILLIAM HARRISON LEGGETT, Zion, Ill. Filed May 9, 1925. Serial No. 29,084. 8 Claims. (Cl. 253—164.)



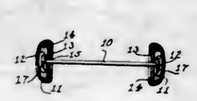
1. A fluid motor comprising a stationary member having an annular series of tangentially discharging fluid outlets, means for feeding the fluid centrally into the member to pass outward through the outlets, a shaft mounted to extend centrally through the annular member, a rotor carried by the shaft, an inner annular series of fluid impact members carried by the rotor, a plurality of annular series of outer fluid impact members also carried by the rotor on different planes, the inner series of fluid impact members being adapted to receive the fluid directly from the discharge outlets of the stationary member, and means for directing the fluid from such inner series successively to each of the plurality of outer series, and means for finally discharging the fluid from the last of the outer series.

1,574,430. CONVEYING APPARATUS. JOHN T. LEMON, Columbus, Ohio. Filed June 25, 1924. Serial No. 722,365. 6 Claims. (Cl. 198—23.)



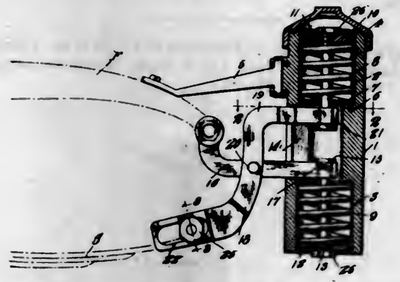
6. A conveyor comprising an endless chain and divided into compartments, a rotatably mounted disk provided with depending spaced teeth arranged to engage said conveyor and move transversely through the compartments to force articles from the conveyor.

1,574,431. ELASTIC CUFF LINK. WALTER E. LENA, Waterbury, Conn. Filed Sept. 10, 1925. Serial No. 55,512. 10 Claims. (Cl. 24—102.)



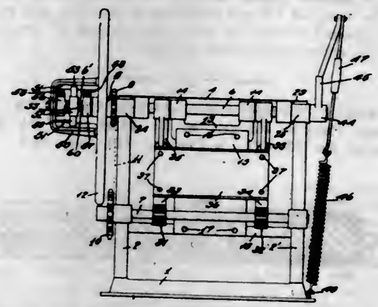
1. In an elastic cuff link, an elastic cord formed of woven fabric, a pair of hollow cuff buttons at the ends of said cord, and a pair of anchoring clamps formed separately from said buttons and clamped upon the ends of said cord within said buttons.

1,574,432. SHOCK ABSORBER. JOHN LESTER LIVELY, Middletown, Ohio. Filed Feb. 26, 1924. Serial No. 695,257, 1 Claim. (Cl. 267—17.)



A shock absorber including a housing having a longitudinal bore extending therethrough, the ends of the bore being counter bored to provide interior shoulders, there being a longitudinal guide slot in the housing between the counter bores and opening into the central portion of the bore, disks normally resting upon the shoulders at the inner ends of the counter bores, rods slidably mounted within the respective disks, head connected to the respective rods and slidable within the respective counter bores, a spring within each counter bore bearing at one end against the disk therein and at its other end against the head therein, crossed pivotally connected levers projecting at one end through the slot and into the bore, said levers engaging and adapted to actuate the respective rods, a bracket for fixedly attaching the housing to a vehicle, and means for movably connecting the outer ends of the levers to a vehicle frame and spring respectively.

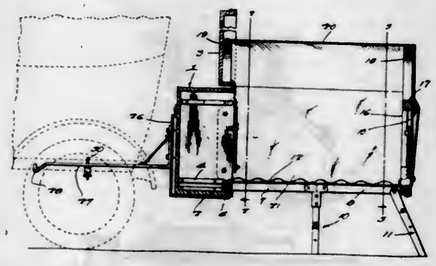
1,574,433. CONCRETE-PIPE-BEND MACHINE. WILLIAM J. MACKENZIE, Portland, Oreg. Filed June 2, 1924. Serial No. 717,221. 9 Claims. (Cl. 25—30.)



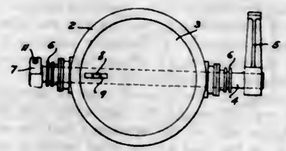
1. In a pipe-bend machine, a shaft having a screw-threaded end, an actuating wheel revolubly mounted on said shaft, a yoke rigidly secured to said wheel, a nut engaged upon said threaded end of said shaft and slidably associated with said yoke to turn therewith, thereby being caused to move longitudinally upon the shaft, said nut being provided with a stop-lug, and a collar adjustably connected to said shaft-end providing a stop to engage said stop-lug of said nut.

1,574,434. AUTOMOBILE BED. BENJAMIN D. MANNING, Decorah, Iowa. Filed Apr. 8, 1925. Serial No. 21,588. 4 Claims. (Cl. 5—119.)

1. In a structure of the class described, a box adapted to be supported on the rear end of a vehicle, a hinged cover for said box, said cover being adapted to swing upwardly, a foldable cot structure in said box adapted to be extended therefrom in a horizontal plane to position it for use, a frame structure hingedly connected to the rear end of said cot structure, said frame structure including a top bow, and a second bow fastened to the cover of said box, and a canvas fastened to said bows and adapted to be stretched to provide a canopy to overlie said cot.



1,574,435. VALVE. CHARLES R. MARTIN, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Apr. 4, 1923. Serial No. 629,770. 8 Claims. (Cl. 277—41.)



1. In combination, a casing, a butterfly valve within said casing, a pivot stem about the axis of which said valve is movable, and means disposed entirely within said stem for controlling the flow of fluid directly through said valve.

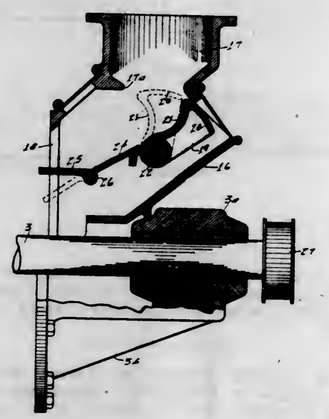
6. In combination, a casing, a butterfly valve within said casing, a stem providing a pivot for said valve, said stem having a transverse opening therethrough, and a rotary valve disposed concentrically within said stem for controlling the flow of fluid through said opening to opposite sides of said butterfly valve.

1,574,436. PULVERIZER BEATER. STANTON C. MARTIN, Erie, Pa., assignor, by mesne assignments, to Erie City Iron Works, a Corporation of Pennsylvania. Filed June 1, 1922. Serial No. 565,060. 4 Claims. (Cl. 83—11.)



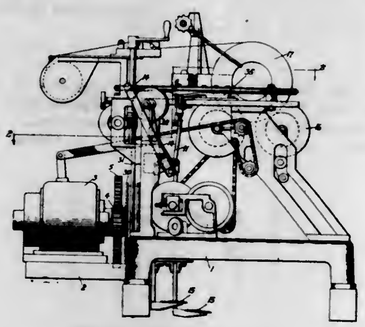
1. In a pulverizer beater, the combination of a carrier having undercut grooves in its periphery; and beater blades having bases arranged in said grooves with portions extending under the undercut portions of said grooves and the under sides of the bases being bevelled from a longitudinal line intermediate their edges.

1,574,437. FUEL-TREATING DEVICE. STANTON C. MARTIN, Erie, Pa., assignor, by mesne assignments, to Erie City Iron Works, a Corporation of Pennsylvania. Filed Feb. 25, 1922. Serial No. 539,188. 9 Claims. (Cl. 83—11.)



1. In a fuel treating device, the combination of a fuel feeding device comprising a case having an inlet opening and a discharge opening; a normally stationary support in the case extending to an off-set position relatively to the inlet opening and positioned relatively to the walls of the case to permit the forward slope of material to find an angle of repose; means for adjusting the inclination of the discharge end of the support; and an oscillating means acting on the fuel at the inlet opening controlling and pushing the same forward over the support.

1,574,438. WRAPPING MACHINE. FRANK M. PIERCE, Chicago, Ill., assignor to Pierce Wrapping Machine Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 10, 1924. Serial No. 685,325. 7 Claims. (Cl. 242—6.)



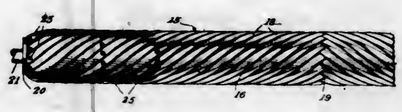
1. In a wrapping machine of the character described, the combination of a shuttle frame, a ring shuttle mounted on said frame, the frame and shuttle being provided with openings through which the article may be passed, means including a clutch to rotate the shuttle, a brake mechanism adjacent the shuttle, a cam formation on the outer periphery of the shuttle and with which the brake is adapted to engage, and a common operating member to release the clutch and apply the brake to the cam.

1,574,439. PILE CONSTRUCTION. WAYNE PRINGLE, Lincoln, Nebr. Filed Apr. 5, 1922. Serial No. 549,861. 7 Claims. (Cl. 61—80.)



1. In a self-sinking pile, a channel extending longitudinally therethrough for the rapid transmission of water to cause removal of soil whereby to permit the pile to sink, in combination with a return flow channel through which a part of the water may be withdrawn to be carried off by suitable piping, whereby to reduce undue erosion by the water of the soil surrounding the pile, said return flow channel having its intake in advance of the outlet of said water transmitting channel.

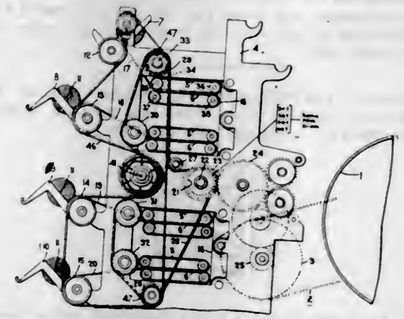
1,574,440. DEFLESHING-MACHINE CYLINDER. JOSEPH PROKOP, Newark, N. J. Filed Sept. 24, 1924. Serial No. 739,477. 4 Claims. (Cl. 149—16.)



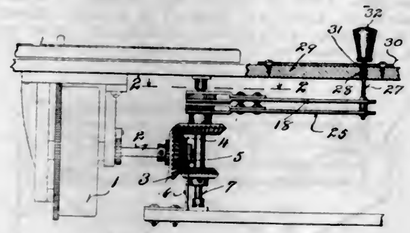
1. A defleshing machine cylinder for hides comprising a core at least equal in length to the hides to be defleshed, a series of cutter blades arranged in opposed helical relation to extend from the longitudinal center of the core to the ends thereof, and filler strips disposed between said blades whereby their operative edge is of minimum height above the core at the end portions thereof and of maximum height above the core intermediate the end portions.

1,574,441. TAPE CONDENSER. WALTER T. PUTNAM, North Andover, Mass., assignor to Davis & Furber Machine Company, North Andover, Mass., a Corporation of Massachusetts. Filed Sept. 14, 1925. Serial No. 56,163. 5 Claims. (Cl. 19—151.)

1. A tape condenser comprising a plurality of banks of aprons, a winding drum for each bank of aprons, a driven pulley, a belt extending around the pulley and all of the winding drums, and means for radially expanding and contracting the pulley to adjust the speed of the belt and thereby the peripheral speed of the winding drums relatively to the speed of the aprons.



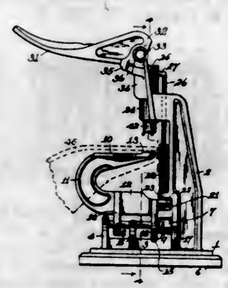
1,574,442. MECHANICAL MOVEMENT. AAGE RASMUSSEN, Milwaukee, Wis. Filed June 15, 1925. Serial No. 37,170. 1 Claim. (Cl. 74—54.)



A mechanical movement comprising a base member and a top member having sockets rigidly carried thereby, a vertical shaft extending between said sockets, a bevel gear rigidly secured to said shaft adjacent its lower end, a second bevel gear spaced therefrom and having an integral downwardly extending sleeve resting upon said first mentioned bevel gear to hold said bevel gears in spaced relation, a pair of rocking levers, pawl mechanisms operating in opposite directions and joining said levers with said shaft and with said last mentioned bevel gear, a frame work having vertical side members extending upwardly from said base and having a transverse member, a horizontal shaft having an end journaled in said transverse member, and a pair of bevel gears carried by said horizontal shaft and meshing with said first mentioned bevel gears.

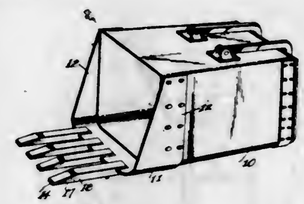
1,574,443. TOE-PLATE SETTER. JAMES C. REID, Jr., Cleveland, Ohio, assignor to James C. Reid, sr., Cleveland, Ohio, and William C. Taylor, East Cleveland, Ohio. Filed May 22, 1924. Serial No. 715,125. 9 Claims. (Cl. 1—21.)

3. A toe-plate setter for shoes comprising a return-bent and laterally oscillable anvil member, a pressing device having a ram adapted to be reciprocated in opposition to the anvil member, a locking member connected with the pressing device, and a stop on the anvil



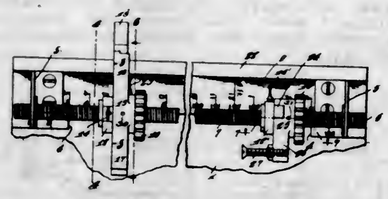
member arranged to intercept said locking member to prevent movement of the ram except when the anvil member is properly opposed to the ram.

1,574,444. LIP AND TEETH FOR EXCAVATING BUCKETS. NAZRO H. REYNOLDS, Oakland, Calif. Filed Jan. 14, 1925. Serial No. 2,424. 3 Claims. (Cl. 37—141.)



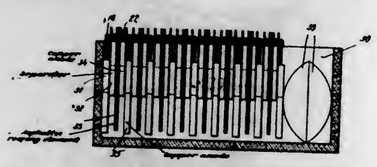
1. The combination with an excavating bucket, of a lip secured to the bucket and including a transverse bottom portion secured to the bottom of the front of the bucket and vertical side portions secured to the sides of the front of the bucket, and integral bars on the lower face of said bottom portion extending forwardly of the bucket to provide digging fingers and rearwardly thereof to provide attaching fingers and runners for the bottom of the buckets.

1,574,445. SAW GAUGE. JONATHAN J. ROBINSON, Philadelphia, Pa. Filed Nov. 15, 1923. Serial No. 674,963. 8 Claims. (Cl. 143—74.)



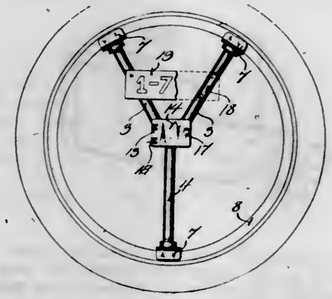
1. A gauge comprising a screw threaded carrier bar having an interrupted thread, a split sleeve removable radially from the carrier bar, a stop member rotatably mounted on the sleeve and removable radially from the bar, and means for holding the members of the sleeve and the stop member assembled.

1,574,446. METHOD AND APPARATUS FOR PRODUCING ROOFING ELEMENTS. THOMAS ROBINSON, New York, N. Y., assignor to Anaconda Sales Company, a Corporation of Delaware. Filed Dec. 22, 1923. Serial No. 682,149. 20 Claims. (Cl. 204—8.)



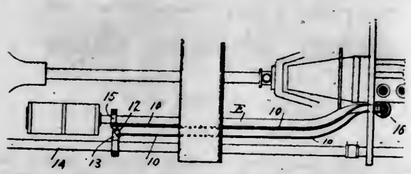
1. A method of making roofing elements comprising the steps of mounting an anode in a cell, this anode having a shape corresponding to the shape of the deposit to be made, placing a separator in contact with the face of the anode, placing a base having a conducting coat formed thereon against the surface of the separator, holding these parts together by pressure, and connecting the anode and the conducting coating of the base to the positive and negative terminals respectively of a source of current.

1,574,447. TIRE HOLDER. OMER RUTH, Racine, Wis. Filed Feb. 16, 1925. Serial No. 9,495. 2 Claims. (Cl. 224—29.)



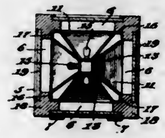
1. A tire holder comprising a support having a hub, means rigidly carried by said hub for engaging a portion of a tire rim, a rod slidable through said hub and having means at its outer end for engaging a portion of the tire rim spaced from said first mentioned portion, a plate slidably mounted within said hub and adapted to be slid across the inner end of said rod, a door hinged to said hub and adapted when closed to prevent sliding of said plate, and a lock for temporarily holding said door closed.

1,574,448. AUTOMATIC CARBURETOR ADJUSTMENT. WILLIAM J. SHORT, Heber Springs, Ark. Filed June 26, 1923. Serial No. 647,855. 2 Claims. (Cl. 261—39.)



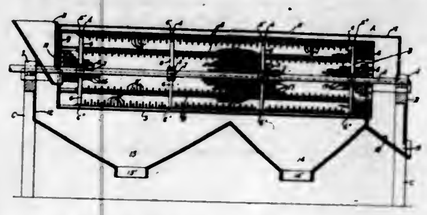
1. The combination of a carburetor valve and the pipe extending from the exhaust manifold of an internal combustion engine, such pipe being free to move longitudinally under temperature changes due to exhaust gases passing through such pipe, a device connecting with and partaking of such longitudinal movement of said pipe, the point of connection between said device and the pipe being a substantial distance from the exhaust manifold and the carburetor valve, and an operative connection between said device and the carburetor valve for transmitting to the valve the longitudinal movement of the exhaust pipe.

1,574,449. TRAFFIC-CONTROL SIGNAL. GEORGE S. SIMONS, Plainfield, N. J. Filed Jan. 10, 1924. Serial No. 685,461. 2 Claims. (Cl. 177—329.)



1. In a traffic signal, a casing comprising corner pieces defining openings on all four sides of said casing, reflectors arranged within said casing, each of said reflectors having a vertical inner wall adapted for the reception of a lamp and diverging side walls extending from said vertical inner wall to the margins of said openings, each reflector also having a vertical flange extending around the outer edges of its diverging side walls adapted to fit within internal angles formed in said corner pieces and means arranged at the entrance of said openings having traffic indicia thereon.

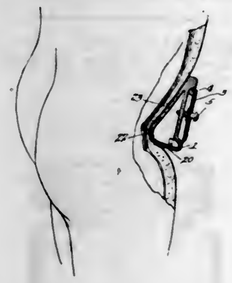
1,574,450. NUT-SHELLING MACHINE. EDGAR R. SKINNER, JOHN H. RENNE, and EDWARD O. OSTERMEYER, St. Louis, Mo., assignors to Bernhart Mercantile Company, a Corporation of Missouri. Filed Oct. 6, 1924. Serial No. 741,871. 3 Claims. (Cl. 146—11.)



1. A nut-shelling machine comprising a rotatable drum into which the nuts are placed after the shells thereof have been cracked, and means comprising a plurality of pins extending inwardly from the wall of the drum whereby said nuts are tumbled about within said drum as it is rotated, the wall of said drum being provided with a group of apertures adjacent to one of its ends through which the fragments of the shells of nuts pass, and a group of larger apertures adjacent to the other end of said drum through which the kernels of said nuts pass, said drum being arranged at an inclination to cause the nuts therein to move toward one of its ends while the same is rotating.

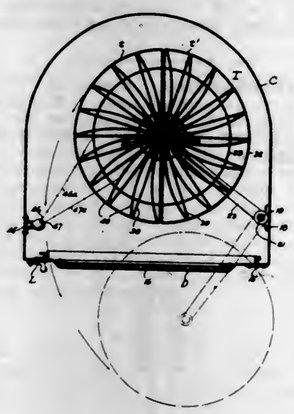
1,574,451. TRUSS PAD. LUCIUS ANTON SMITH, Buffalo, N. Y., assignor of one-half to Bee Burn Smith, Buffalo, N. Y. Filed Dec. 9, 1922. Serial No. 605,911. 1 Claim. (Cl. 128—115.)

As a new article of manufacture, an inguinal hernia pad with an outer side and also with a portion for use in opposed relation to a patient's body, said portion characterized by an edge substantially constituting a plane straight in the directions of its length and width and lying substantially perpendicular to said outer side, and by a longitudinal protuberance immediately adjacent to said edge, comparatively thick at a point near



the edge, and nearer the upper end of the pad than the lower end thereof; the remainder of said portion being generally tapered from said protuberance to the edge of the pad remote from said plane edge.

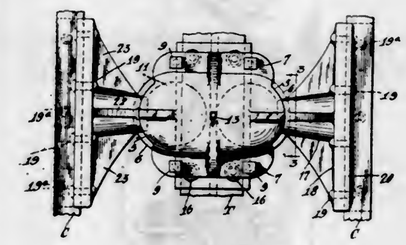
1,574,452. DISHWASHING MACHINE. WILBERT L. SOUTH, Ontario, Calif. Filed Feb. 20, 1924. Serial No. 694,037. 6 Claims. (Cl. 141—9.)



3. In a dish washing machine, a casing having an opening in one of its vertical walls, a shaft supported for rotation in the casing, dish supporting trays fixed to and supported on the shaft, and means for supporting the shaft to permit lateral movement of the shaft and trays into and out of the casing through said opening.

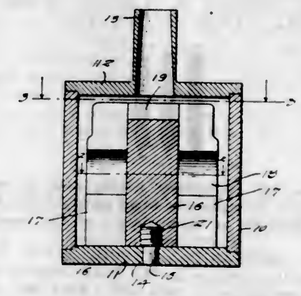
1,574,453. ARTICULATED CAR JOINT. JOSEPH M. SUAREZ, Baltimore, Md., assignor of one-tenth to Sterling P. Buck, Baltimore, Md. Filed Dec. 4, 1925. Serial No. 73,223. 7 Claims. (Cl. 105—4.)

1. An articulated car-joint comprising two members each formed with a neck having a ball on one end and means on its other end to secure it to an end of a car-section in such relation that these two members extend towards one another when secured on opposing ends of car-sections, and an intermediate joint-member including two ball-sockets each having an outlet in its upright side which is farthest from the other ball socket, said necks extending through said outlets while said balls are fitted



in said ball-sockets and adapted to have limited rotary movements therein, said joint-member having means to secure it to a truck-bolster.

1,574,454. PISTON CORE CHILL AND MOLD. MAYBEL E. TANDY, Hanford, Calif. Filed Nov. 11, 1924. Serial No. 749,246. 4 Claims. (Cl. 22—170.)

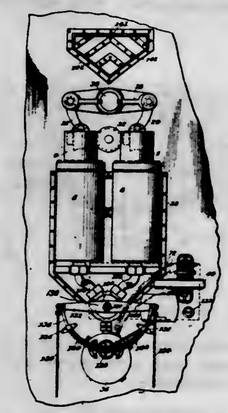


1. A sectional chill and core for a piston casting mold the same comprising a center section and quarter sections at opposite sides of the center section, the latter being of wedge formation to facilitate its withdrawal, corresponding quarter sections having matching notches to form wrist pin receiving bosses and the quarter sections being applicable and removable by direct lateral movement.

1,574,455. HYDRODYNAMIC STEERING GEAR. ENOCH VELEN, New Orleans, La. Filed Dec. 12, 1922. Serial No. 606,543. 2 Claims. (Cl. 114—150.)

2. The combination with a ship's rudder shaft, of a pair of horizontally arranged cylinders having one end open, pistons arranged in the cylinders, operative connections between the pistons and rudder shaft, a source of compressed fluid, a three-way valve controlling communication between the cylinders and source of compressed fluid and adapted to operate said cylinders, means for actuating the valve comprising a lever fixed intermediate its ends to rotate with the valve, an arcuate guide member fixed to the ends of the lever, guides through which the arcuate member passes, expansible coil springs encircling the arcuate member and disposed upon opposite sides of one of the guides and engaging the same, and normally urging the arcuate member to a

position where the valve will be disposed in closed position, and flexible elements connected with the ends of



the lever whereby the latter may be rocked in the desired direction whereby to establish communication between the desired cylinder and source of compressed fluid.

1,574,456. RADON TUBE OR IMPLANT. CHARLES H. VIOL, Pittsburgh, Pa., assignor to Standard Chemical Company, Pittsburgh, Pa. Filed Apr. 23, 1924. Serial No. 708,512. 1 Claim. (Cl. 174—177.)



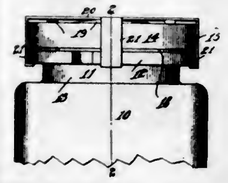
A radon tube or implant having such intense color appearance as to render the same readily visible to facilitate the handling or manipulation of the same.

1,574,457. MECHANICAL PENCIL. JOHN C. WAHL, Chicago, Ill., assignor to The Wahl Company, Chicago, Ill., a Corporation of Delaware. Filed Mar. 5, 1921. Serial No. 449,804. 27 Claims. (Cl. 120—18.)



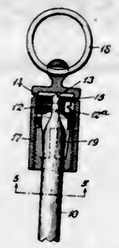
1. In a pencil, a casing; means for feeding the lead through the casing comprising a threaded follower rod; a threaded feed control member normally in disengagement of the rod to permit free gravity movement thereof; means for actuating said control member for effecting engagement with the rod to control the movement of the latter; and means for advancing or retracting said rod under engagement of the control member.

1,574,458. FRUIT-JAR COVER. ADA B. WENDEL, Smithland, Iowa. Filed May 12, 1925. Serial No. 29,775. 1 Claim. (Cl. 215—92.)



A jar including a neck having external and peripheral flanges the lowermost of which projects beyond the face of the neck, said lowermost flange being provided with vertical openings, a cover having a depending peripheral flange formed with internal steps arranged to be seated on the stepped flanges of the neck, gaskets on the stepped flanges and engaged by the steps of the cover, and a yoke extended across the cover and having its ends extended inwardly for passage through said openings and engagement beneath said lowermost flange of the neck.

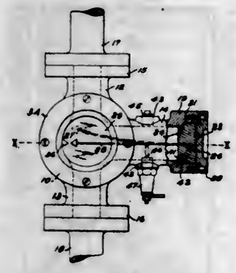
1,574,459. THERMOMETER. ROBERT M. WILHELM, Brooklyn, N. Y., assignor to Charles J. Tagliabue Mfg. Co., New York, N. Y., a Corporation of New York. Filed July 3, 1925. Serial No. 41,282. 7 Claims. (Cl. 206—16.5.)



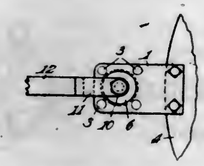
1. The combination of a thermometer provided at one end with an aperture, the axis of which is transverse to the major axis of the thermometer, a cap extending over the apertured end of said thermometer, and a fastening device passing through said aperture and connected with said cap whereby said thermometer and cap are attached to each other.

1,574,460. FLOW INDICATOR. ROBERT B. WILLIAMSON, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Jan. 2, 1920. Serial No. 349,655. 8 Claims. (Cl. 116—117.)

1. A flow indicator, comprising a casing having a flow opening therethrough, and a movable indicating element within said casing comprising a flexible resilient vane having a portion in the normal path of flow through said casing, said movable element being biased toward nonindicating position independently of the position of the casing and capable of being readily flexed to indicating position in response to flow of fluid through said casing.

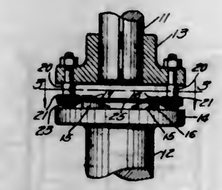


1,574,461. UNIVERSAL TRAILER HITCH. WILLIAM WITSBERGER, Wheeling, W. Va. Filed Nov. 6, 1924. Serial No. 748,129. 4 Claims. (Cl. 280—33.44.)



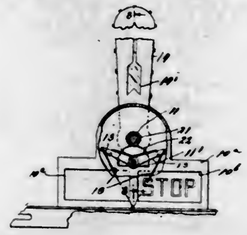
1. A coupling of the character described, comprising attached companion plates of flat form having therein registering apertures, the defining walls of said apertures being oppositely beveled to form opposed ball seats, a ball carried by said members, said ball having rotary movement on and being retained in place by said seats, a pole having a yoke formed on its end, and a pivot pin directed axially through said ball and having its ends mounted in the opposite members of said yoke above and below said plates.

1,574,462. ONE-WAY COUPLING. JOHN A. WINTROATH, Los Angeles, Calif., assignor to Peerless Pump Company, a Corporation of California. Filed June 25, 1923. Serial No. 647,604. 9 Claims. (Cl. 192—46.)



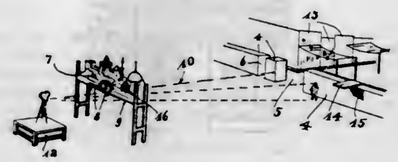
1. The combination of: a driving shaft; a driven shaft; projections secured to one of said shafts; pins secured to the other of said shafts and extending longitudinally thereof; and a member slidably supported on said pins, said member being adapted to engage said projections in a manner causing said driven shaft to be rotated when said driving shaft is rotated in a positive direction, and to be slid on said pins by said projections when said driving shaft is rotated in a negative direction, said member being circularly yieldable until all of said projections have equal driving contact therewith in a driving rotation.

1,574,463. AUTOMOBILE SIGNAL. FRIEDRICH WUCHERT, Astoria, N. Y. Filed Aug. 12, 1924. Serial No. 731,575. 3 Claims. (Cl. 116—51.)



1. As an article of manufacture, a signaling device for a motor vehicle, consisting of an illuminable casing having a bottom window and adapted to be fixed to the vehicle above the license plate, a spring actuated spindle extending transversely through and journalled in said casing, an illuminable semaphore arm fixed to said spindle and adapted normally to project in vertical direction, a pair of levers operatively connected to said spindle at an angle to each other, a manually operable member adapted to be supported at the dashboard of the vehicle and flexible means connecting said member to said levers, so that by the operation of said member the semaphore arm will be tilted from its vertical position to indicate the direction in which the vehicle is to turn.

1,574,464. SCENERY FOR PICTURES AND METHOD OF PRODUCING SAME. JOHANNES BARTHOLOWSKY, Los Angeles, Calif. Filed Nov. 6, 1922. Serial No. 599,313. 10 Claims. (Cl. 88—16.)

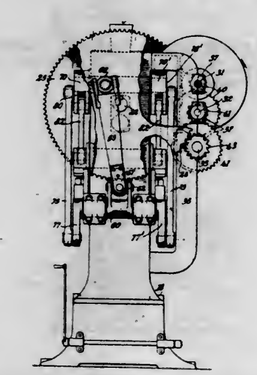


1. In producing pictures, the method of providing full-size objects in the surrounding of moving objects up to a level above the moving objects, providing miniature objects in the foreground of the moving objects above the first-mentioned level and so as to unite into one scenery when photographed together, and photographing the said objects together with an actual performance.

1,574,465. DRAWING PRESS. OTTO S. BEYER, Brooklyn, N. Y., assignor to E. W. Bliss Company, Brooklyn, N. Y., a Corporation of West Virginia. Original application filed May 14, 1920, Serial No. 381,369. Divided and this application filed May 11, 1922. Serial No. 560,116. 9 Claims. (Cl. 113—38.)

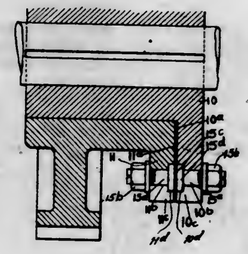
1. In a press of the type having a plunger and a workholder, a frame, a crank-shaft supported by the frame for operating the plunger, four toggle arms arranged on opposite sides of the frame and connected to the work-

holder to raise and lower the same, said toggle arms arranged to swing in planes parallel to the axis of the crank-shaft, rods arranged in pairs exteriorly of the



frame and at both sides thereof for operating said toggle arms, and actuating mechanism arranged exteriorly of the frame at both sides thereof and connected to the lower ends of the rods.

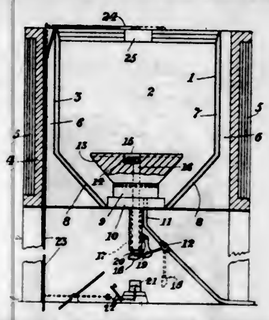
1,574,466. SAFETY CONNECTION FOR POWER TRANSMISSION. ELLIS EUGENE BROWN, Springmont, Pa. Filed Apr. 18, 1925. Serial No. 24,299. 7 Claims. (Cl. 64—105.)



1. A safety power-transmitting connection for driving and driven members, comprising a double-bodied member-connecting shear bolt the oppositely extending body portions of which are immovably positioned in the respective members so as to positively fix the latter in determined adjacent relation and the uniting shear portion of which is of a reduced cross-section having a shearing strength adapted to withstand only a determined maximum force of transmission.

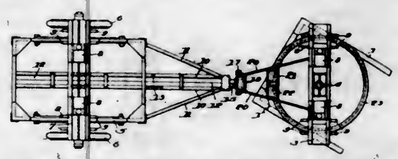
1,574,467. COOKING OVEN. ROBERT BROWN, Donaghmore, Ireland. Filed Aug. 18, 1921. Serial No. 493,487. 4 Claims. (Cl. 126—39.)

1. In a cooking apparatus having a cooking chamber, and a fuel burner, thermostatic control device comprising a support, a thermostatic weight resting thereon and adapted when heated to a predetermined degree to overbalance and fall therefrom, a guide to receive and guide said thermostatic weight during its fall, a pivoted latch adapted to be moved by said thermostatic weight during its fall, and a fuel control lever adapted to be



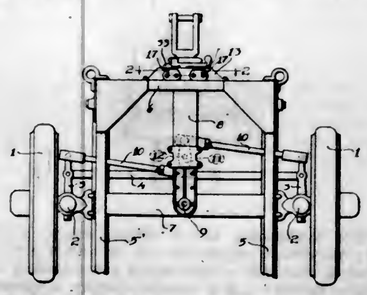
normally held by the said latch and arranged to be moved on movement of said latch to cut off the fuel supply.

1,574,468. TRAILER HITCH. CHARLES G. CLEMENT, Edgerton, Wis., assignor to Highway Trailer Company, Edgerton, Wis., a Corporation of Wisconsin. Filed Dec. 5, 1919. Serial No. 342,598. 4 Claims. (Cl. 280—33.4.)



1. In the combination of a tractor truck and a trailer, a load-carrying bolster mounted on the truck for turning about a vertical axis, a draft member extending rearwardly from the bolster, laterally rigid with respect thereto and overhanging the rear end of the truck; a track on the truck formed concentrically about the vertical axis of the bolster and extending under said draft member, said track having a flange which serves as a tread; means on the draft member adapted to ride on said tread, and means on the draft member engaging under said flange to retain the parts in that relation.

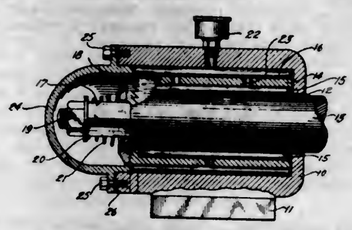
1,574,469. DRAWBAR LOCK. CHARLES G. CLEMENT, Edgerton, Wis., assignor to Highway Trailer Company, Edgerton, Wis., a Corporation of Wisconsin. Filed Sept. 11, 1922. Serial No. 587,261. 5 Claims. (Cl. 280—33.55.)



1. In a device for the purpose described, the combination with a transverse frame member, of a horizontally movable drawbar extending across the frame member,

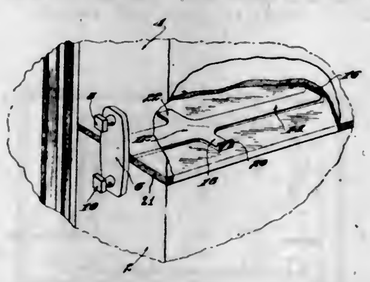
a housing mounted on said member above the central position of the drawbar, said housing being provided with two vertical guideways at opposite sides of the central position of the drawbar, locking dogs vertically slidable in the respective guideways, independently of each other and located to engage opposite sides of the drawbar; and separate springs urging the respective dogs downwardly in projected position, the lower end of each dog having a cam face sloping laterally and upward for encounter with the drawbar as it is swung into central position.

1,574,470. BEARING CONSTRUCTION. BASSETT M. COFFEE, New Haven, Conn., assignor to The Safety Car Heating & Lighting Company, a Corporation of New Jersey. Filed Aug. 3, 1923. Serial No. 655,431. 17 Claims. (Cl. 308—183.)



1. In bearing construction, in combination, a member having a reciprocatory motion, a member adapted to support said first member, means interposed between said two members adapted to distribute lubricant over the surfaces thereof, and means adapted to give said lubricant distributing means a uni-directional movement during said reciprocation of said first member.

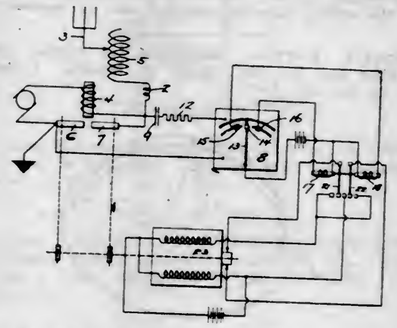
1,574,471. ANCHOR. CHARLES A. CUNNINGHAM, Boston, Mass. Filed Jan. 9, 1924. Serial No. 685,208. 9 Claims. (Cl. 72—108.)



4. An anchor comprising an anchor arm of dimensions such that it is adapted to be embedded in the mortar of a building wall and having two projections disposed at right angles to each other and adapted, respectively, to solely coact with the mortar to resist displacing forces longitudinal of and transverse to the anchor arm.

1,574,472. RADIOFREQUENCY ARC. HAROLD F. ELLIOTT, Palo Alto, Calif., assignor, by mesne assignments, to Federal Telegraph Company, San Francisco, Calif., a Corporation of California. Filed June 22, 1921. Serial No. 479,497. 3 Claims. (Cl. 250—36.)

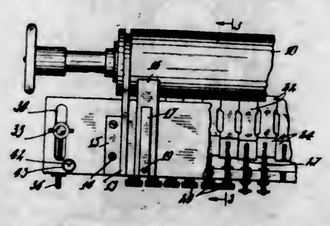
1. In a system for producing high frequency current oscillations with an arc, a pair of electrodes between which the arc is formed, a circuit connected to the electrodes, and means for adjusting the distance between the electrodes so as to produce an optimum value as regards the arc output, comprising mechanism responsive only to variations beyond definite limits of the voltage drop across a part of the arc circuit for moving the electrodes relatively to each other.



1,574,473. RADIOFREQUENCY SYSTEM. HAROLD F. ELLIOTT and JAMES ARTHUR MILLER, Palo Alto, Calif., assignors, by mesne assignments, to Federal Telegraph Company, San Francisco, Calif., a Corporation of California. Filed Jan. 9, 1922. Serial No. 527,885. 27 Claims. (Cl. 250—36.)

27. In a radio frequency electrical system, the method of maintaining the operation of the system at the required frequency which consists in increasing the amount of energy consumed in a portion of the system upon an appreciable variation in either direction from the desired frequency.

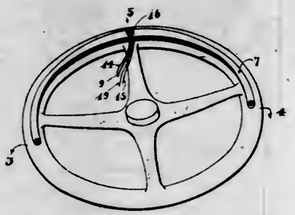
1,574,474. PRINTING-PRESS INK FOUNTAIN. EDWARD FALTUS, New York, N. Y. Filed Apr. 22, 1924. Serial No. 708,124. 4 Claims. (Cl. 101—365.)



1. In a printing press, in combination with a fountain roll, an ink supply device, a supporting frame, a series of sectional ink-knife devices extending transversely to said roll, a series of blocks slidable in said frame and having said devices connected thereto, said

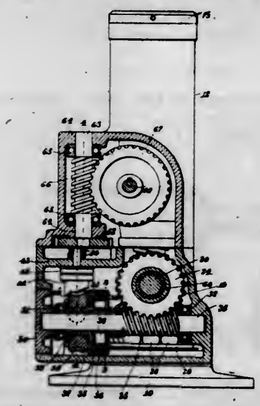
blocks being formed with threaded sockets, and screws swiveled in said frame and engaged in the said sockets, said frame comprising a bottom plate and a top member resting thereon, the said screws having their axes in the meeting plane of said plate and top member.

1,574,475. SWITCH. ROSS FOX, Los Angeles, Calif. Filed Jan. 30, 1924. Serial No. 689,456. 1 Claim. (Cl. 200—59.)



In an automobile signal, a base plate formed edgewise to follow the circle of the rim of a steering wheel of an automobile over a proportionally large portion and adapted to be applied to the top of the steering wheel, a cover plate to fit over the base plate spaced practically parallel from the base plate through the larger portion of its length and being attachable to the steering wheel together with the base plate, a leaf-like contact plate disposed over the base plate and extending through the whole space between the base and cover plates, insulating material disposed in the space between base and cover plate at about the middle of the length, other contact plates embedded in the insulating material and extending towards the ends of the base and cover plate normally spaced from the first-named contact plate between the base and cover plates, a smaller contact plate insulated from all other contact plates, and a push-button having contact with the last-named small contact plate and adapted to be pushed towards the first-named contact plate, the second-named contact plates to be moved towards the first-named contact plate by a bending and pressing of the cover plate towards the base plate.

1,574,476. LIFTING JACK. FRANK L. GORMLEY, Brookline, Mass., assignor to The Buda Company, Harvey, Ill., a Corporation of Illinois. Filed Aug. 1, 1925. Serial No. 47,421. 24 Claims. (Cl. 254—103.)



1. In a self-lowering lifting jack; a standard; a ram movable relatively thereto; actuating means for raising the ram; automatic means for controlling the lowering of the ram including a revoluble shaft; a pinion keyed to and slidable lengthwise of said shaft; a gear adapted to mesh with said pinion; manually operated means for retarding the rotation of said gear; and means for moving said pinion out of mesh with said gear.

1,574,477. WATER PURIFIER. ARTHUR LAW GRANT, Plainfield, N. J. Filed Dec. 13, 1923. Serial No. 680,399. 4 Claims. (Cl. 210—23.)

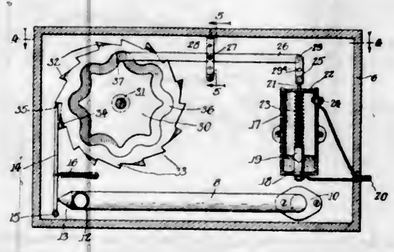
1. In the art of purifying water, that step which consists in the use of barium silicate to remove the hardness from the water.

1,574,478. HAME HOLDER FOR HORSE COLLARS. CASPER HUGO GRINGS, Waterloo, Iowa, assignor to Waterloo Saddlery Company, Waterloo, Iowa. Filed Dec. 11, 1924. Serial No. 755,334. 2 Claims. (Cl. 54—19.)



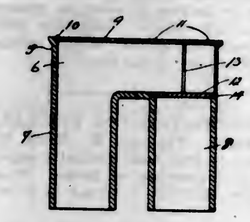
2. In combination, a horse collar having pads and a roll with a flexible connection therebetween which provides a hollow circumferential seat for hames, a flexible relatively wide transversely opening loop mounted upon the throat of the collar, and a strap passed flexibly through said loop and terminal eyes on the hames seated in the hame seat and having comating fastening means on its ends whereby the hames may be secured in said seat against displacements.

1,574,479. THERMOSTATIC REGULATOR. JOSEPH A. GUYER, Marion, Ind., assignor of one-half to Harry F. Anderson, Marion, Ind. Filed Mar. 30, 1925. Serial No. 19,523. 14 Claims. (Cl. 236—46.)



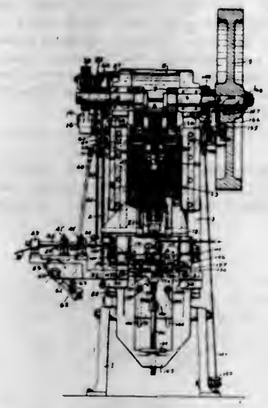
1. A heat regulator comprising, in combination, an electric switch operable to control a supply of heat, a thermal expansion element affected by the heat supply, a lever arranged to be moved by said thermal element as it contracts and expands, resilient means holding said lever against said element, a ratchet wheel having teeth adapted to rest against said lever, said ratchet having two sets of teeth, one set being longer radially than the other and said long teeth having a channel therein to permit the passage therethrough of the end of said lever, means to rotate the wheel, a cam on said wheel, and a cam bar to operate the switch, said cam being arranged to throw the switch when the wheel moves the distance of one tooth.

1,574,480. COMBINATION DRAIN VENT AND WATER BOX. JOHN T. HARNETT, Philadelphia, Pa. Filed Aug. 19, 1924. Serial No. 732,897. 1 Claim. (Cl. 137—18.)



A box of the class described comprising, in combination, a box having an irregular seat at its upper end, a vent leg and a water leg depending from the bottom of said box body, suitably spaced apart and communicating with the interior of said box body, the water leg having a seat at its upper end, a top of irregular formation to fit the seat in the upper end of the box body, said top being perforated only at that end overlying the water leg for the admission of air to the vent leg through the box body, a cover to engage the other seat to close the water leg, and means to suspend said cover from the perforated end of the top.

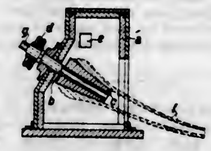
1,574,481. APPARATUS FOR AND PROCESS OF MAKING PULLEY UNITS. WILLIAM T. HENSLEY, Indianapolis, Ind. Filed Sept. 29, 1923. Serial No. 665,690. 64 Claims. (Cl. 164—21.)



1. In a machine of the class described, the combination with means for advancing a plurality of strips therethrough toward the center of the machine, in different horizontal planes, of means for shearing blanks from each of said strips, and means for stacking the blanks concentrically upon a receiving member in the same relative vertical position.

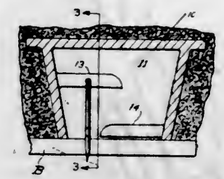
1,574,482. METHOD OF AND DEVICE FOR DRAWING TUBES. RICHARD HIRSCH, Jena, Germany, assignor to The Libbey Glass Company Trust, Toledo, Ohio. Filed Apr. 17, 1925. Serial No. 23,931. 6 Claims. (Cl. 49—17.1.)

1. A method which consists in forming tubular mass of molten glass having its two ends of different shapes and sizes in cross section, continuously drawing a tube from smaller end of said mass, continuously adding to



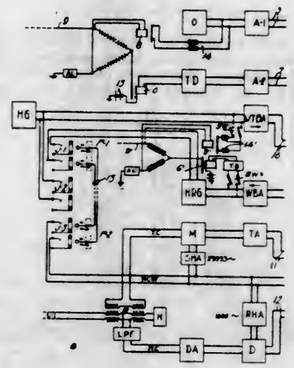
the other end of said mass, and maintaining the respective ends of said mass in substantially their original shapes and sizes in cross section.

1,574,483. INSERT AND HOLDER FOR CONCRETE FORMS. JOSEPH HIRSHSTEIN, Cleveland, Ohio. Filed Aug. 7, 1924. Serial No. 730,589. 7 Claims. (Cl. 25—131.)



1. In combination, a concrete form and resilient means secured to the form and adapted to engage an insert and to maintain it in position whereby concrete may be placed in the form about the insert and said means and the form eventually removed from the said concrete and insert without marring the concrete.

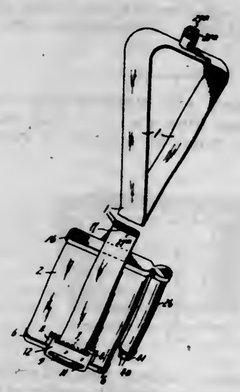
1,574,484. MULTIPLEX SIGNALING SYSTEM. JOSEPH W. HORTON, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 29, 1921. Serial No. 488,297. 21 Claims. (Cl. 179—15.)



1. In a multiplex signaling system, a line terminating in two branches conductively connected thereto, one of said branches having associated therewith transmitting sets for impressing upon said line waves of different frequencies each controlled by signals and the other or receiving branch having associated therewith receiving sets for selectively receiving from said line waves of different frequencies each controlled by signals, the frequencies employed by all of said transmitters as a group

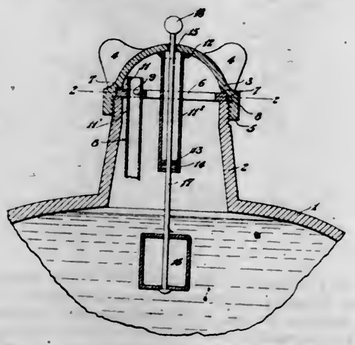
being comprised in a different range from the frequencies employed by said receivers as a group, and a filter connected in said receiving branch between said line and said receivers and arranged to pass currents of the frequencies employed by said receivers but to exclude from the receiving branch the currents from said transmitter sets.

1,574,485. LIFE-SAVING APPARATUS FOR USE AT SEA. JOHN HYLARD, St. Kilda, Victoria, Australia. Filed May 9, 1925. Serial No. 29,050. 10 Claims. (Cl. 9—14.)



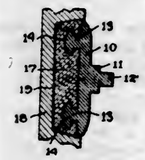
1. Life-saving apparatus comprising a water-tight container, a float guide fixed thereto and open at one end for the admission of water, means for supporting the container in water with the open end of the float guide facing downward and submerged, a source of electrical energy in the container, an electric lamp outside the container, a float normally depressed in the guide and adapted to be raised by water entering the open end thereof, and circuit connections between the source of energy and the lamp, including a switch which breaks the circuit when the float is depressed, and closes the circuit when the float is raised.

1,574,486. RADIATOR CAP AND OVERFLOW PIPE. CLARS JOHNSON, Springfield, Mass., assignor of one-half to Eric G. Johnson, Springfield, Mass. Filed Aug. 2, 1924. Serial No. 729,819. 1 Claim. (Cl. 220—24.)



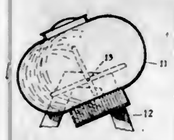
A device for the purpose described comprising in combination, a metallic ring member which is formed with substantially all of its center portion removed and an inwardly extending part which projects into the open center portion and having an opening through the said inwardly extending part, the opening in the metallic ring being designed to receive the upper end of the overflow pipe of an automobile radiator and the ring serving as a gasket or packing between the closure cap and the upper end of the radiator filling tube, said overflow pipe being permanently secured in the opening of the inwardly extending part of the ring.

1,574,487. CONSTRUCTION FOR EYEGLASS PARTS AND THE LIKE. PERCIVAL W. JONES, Providence, R. I., assignor to Bay State Optical Company, Attleboro, Mass., a Corporation of Maine. Filed Nov. 4, 1921. Serial No. 512,734. 2 Claims. (Cl. 88—48.)



1. A nose-engaging device for eyeglasses comprising, in combination, an elongated and flattened metal base member having on one face thereof a projection for making connection with the other parts of the eyeglasses and on the other face thereof a pair of projecting metal posts, one adjacent each end of said base member and each provided with an enlarged and flattened head, and a member of celluloid resting against said last face of said base member and shaped substantially to the contour thereof, said celluloid member being of greater thickness than the entire length of said posts, completely covering said posts and interlocking with said heads thereof, the edges of said celluloid member being molded over and covering the adjacent edge of said base member throughout the circumference thereof, and the outer face of said celluloid member being roughened to engage and grip the nose.

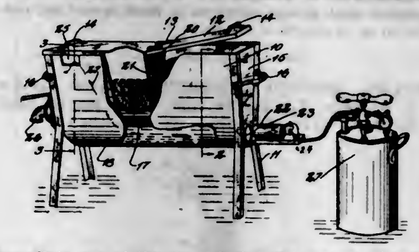
1,574,488. SUCTION MEMBER FOR WASHING MACHINES. HARRY F. KEIFFER, Perrysburg, Ohio. Filed Mar. 16, 1925. Serial No. 15,754. 5 Claims. (Cl. 68—21.)



1. An oscillatory washer having a chamber in the bottom thereof, cells in said chamber having open outer ends spaced from the bottom of said chamber thereby providing a channel common to all of said cells, and the inner ends of said cells being provided with restricted openings to afford communication with said chamber through said restricted openings.

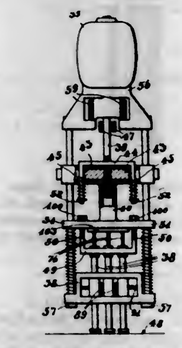
1,574,489. MELTING TANK OR KETTLE. GEORGE P. KITTEL, Union Hill, N. J. Filed May 17, 1924. Serial No. 714,143. 2 Claims. (Cl. 126—343.5.)

1. An oil-fired tar kettle comprising a double-walled tank, substantially trough-shaped throughout its length presenting a stream-like flue between its two walls avoiding the formation of dead air spaces, a centrally located strainer within said tank separating the raw material from the molten material allowing a ready flow of the melting material through said strainer and as



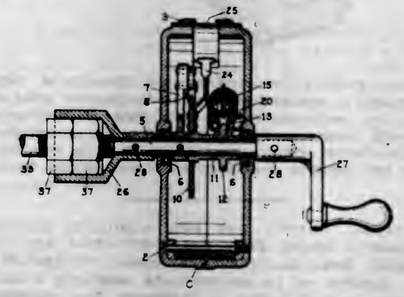
immediate use of the same during the process of melting by giving to the molten mass the correct temperature and maintaining the same throughout.

1,574,490. BOX-NAILING MACHINE. HERVEY R. KUMLER and CARROLL F. KUMLER, Los Angeles, Calif. Filed Dec. 4, 1924. Serial No. 753,873. 18 Claims. (Cl. 1—10.)



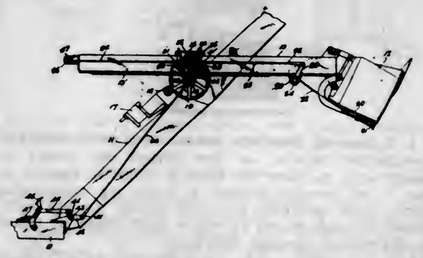
1. In a nailing machine of the class described, nailers disposed for back and forth movements, an actuating motor having a threaded spindle, and a nailing unit carrying said nailers having means for engaging the spindle during a nailing action and adapted for disengagement from the threaded spindle on completion of the nailing action.

1,574,491. TORQUE-TESTING DEVICE FOR SEMAPHORE SIGNALS. RICHARD CHASE LEAKE, Rochester, N. Y., assignor to General Railway Signal Company, Gates, N. Y., a Corporation of New York. Filed Aug. 12, 1921. Serial No. 491,780. 15 Claims. (Cl. 265—25.)



1. In a torque testing device, in combination with a shaft adapted to be connected with the rotary element the torque of which is to be tested, a support having a scale and in which said shaft may turn, an indicator movable over said scale, and means including a spring for operatively connecting said shaft and indicator for driving movement in one direction with respect to said support.

1,574,492. DIPPER TRIP. WERNER LEHMAN, FRED J. BREWER, and ROGER SHERMAN HOAR, South Milwaukee, and BENJAMIN F. JOHNSTON and MITCHELL L. FYKSE, Milwaukee, Wis., assignors to Bucyrus Company, South Milwaukee, Wis., a Corporation of Wisconsin. Filed Sept. 4, 1923. Serial No. 660,903. 11 Claims. (Cl. 214—146.)



1. In a power shovel having a dipper and dipper stick mounted for swinging and shifting movements the combination of dipper door latch mechanism, a latch operating line arranged to automatically compensate for all shifting movements of the dipper stick, and latch line operating mechanism arranged to compensate for all swinging movements of the dipper stick.

1,574,493. SHEET-METAL DOOR. ELOF R. LEONARD, Mountain Lakes, N. J. Filed Aug. 1, 1925. Serial No. 47,426. 6 Claims. (Cl. 189—46.)

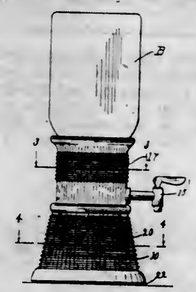


1. In a sheet metal door, the combination, with rails, and with stiles each grooved on their inner edges and open in their outer edges and provided with means for interlocking them with the rails and with means for slidably engaging an edging element, and paneling, of edging elements each provided with means for slidably engaging the engaging elements of a stile to close and complete the stile.

1,574,494. PROCESS OF PRESERVING YEAST. LUDOLF LINDEMANN, Altona-Babrenfeld, Germany, assignor to T. P. Hodge, Park Ridge, Ill. Filed Aug. 3, 1923. Serial No. 655,524. 2 Claims. (Cl. 195—20.)

1. The herein described method of making fresh yeast lasting consisting in washing finely distributed fresh yeast in water of from thirty-three to forty-three degrees centigrade until tests show the substantial to complete removal of glycogen.

1,574,495. BEVERAGE DISPENSER. CARROL A. LOOK, Los Angeles, Calif. Filed Sept. 8, 1925. Serial No. 54,979. 7 Claims. (Cl. 225—22.)



1. A beverage dispenser comprising a base formed of transparent material, an open topped cup formed integral with the base on which a bottle is adapted to rest in an inverted position, a faucet for withdrawing liquid from said cup, said cup having its side walls ribbed or roughened to provide a light refracting means as and for the purposes described.

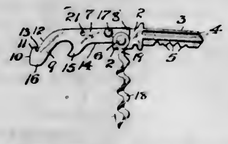
5. A beverage dispenser comprising a frusto conical base and an open topped cup formed integral therewith, said base and cup being formed of glass or similar transparent material and means for withdrawing liquid from said cup.

1,574,496. METHOD OF MAKING PILE FABRICS. THOMAS S. MCDERMOTT, Franklin, Mass., assignor to Clark-Cutler-McDermott Co., Franklin, Mass., a Corporation of Massachusetts. Filed July 16, 1925. Serial No. 44,097. 2 Claims. (Cl. 28—4.)



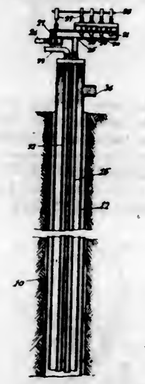
1. The process of making a pile fabric which consists in forming a foundation fabric by securing a layer of unspun, fibrous material to a core fabric, applying to the face of the unspun layer a woven fabric, pricking through the foundation fabric and the woven fabric to carry some of the unspun fibres through the woven fabric and then stripping the woven fabric off from the foundation fabric, thereby drawing up a pile from the layer of unspun fibres.

1,574,497. COMBINATION TOOL. ROBERT J. MCLEAN, New York, N. Y., assignor to Sloan & Company, a Corporation of New York. Filed Mar. 11, 1925. Serial No. 14,592. 4 Claims. (Cl. 7—1.)



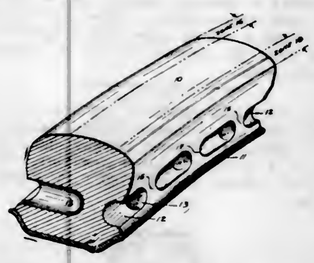
1. An implement of the character specified, comprising a shank having a member provided with means for operating a lock mechanism, a pivot-post extending laterally from said shank, a second member pivotally mounted upon said post, said second member being provided with a downwardly curving end-portion, and a stop means connected with said second-mentioned member with which the shank of the first-mentioned member is adapted to be brought into arrested engagement, to maintain said pivoted members in fixed opened-out relation so as to provide a handle.

1,574,498. METHOD OF PUMPING WELLS. GEORGE A. MACREADY, Los Angeles, Calif. Filed Jan. 23, 1925. Serial No. 4,217. 5 Claims. (Cl. 103—234.)



2. The method of pumping liquid from wells which consists of operating a pump in the well by means of a compressed gas, and releasing the gas successively into containers at the surface at successively decreasing pressures.

1,574,499. CUSHION TIRE. THOMAS C. MARSHALL, Mount Savage, Md., assignor to Kelly-Springfield Tire Company, Cumberland, Md., a Corporation of New Jersey. Filed Mar. 18, 1925. Serial No. 16,380. 7 Claims. (Cl. 152—1.)

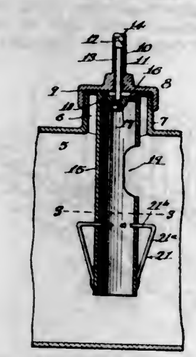


1. A resilient tire comprising; a plurality of voids arranged in symmetrical pairs in the opposed sides of the tire; each said void in plan view constituting a laterally deeply penetrating element and a circumferentially directed orifice portion recessed into the side wall, the two portions thereof forming an L-shaped figure.

1,574,500. SAFETY CAP FOR GASOLINE TANKS. JOHN A. MARTS, Santa Ana, Calif. Filed Apr. 17, 1924. Serial No. 707,091. 2 Claims. (Cl. 120—86.)

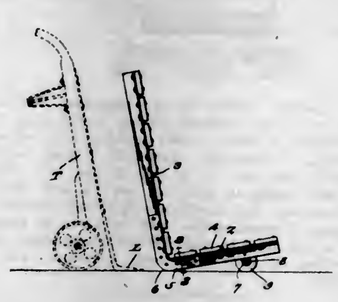
1. A safety cap for gasoline tanks, comprising in combination a tank having an externally screw threaded nipple, a cap fitting thereon having an upward extension with a vertical aperture therethrough, a cylindrical

tube having a transverse member at its upper end and a lateral aperture for a filling nozzle, a bolt extending through the vertical aperture in the cap and bolted to



the transverse member of the tube and angular spring fingers attached to the lower end of the tube having horizontal parts engaging in the tube to allow insertion, but preventing removal of the tube from the nipple.

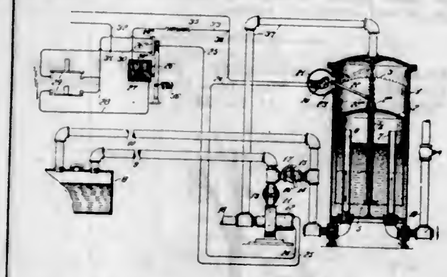
1,574,501. REMOVABLE BODY FOR HAND TRUCKS. JOHN H. O'BRIEN, Watertown, N. Y., assignor to Adams Equipment Company, Inc., Watertown, N. Y. Filed Aug. 26, 1925. Serial No. 52,678. 2 Claims. (Cl. 214—65.)



1. A removable body for hand trucks including strips, connections therebetween, said strips providing a bottom portion and an upstanding portion at an angle to each other, reinforcing means attached to the strips adjacent the angle of the body, and means depending from the body adjacent the free end of the bottom of the body for supporting said body in an inclined position with the center of gravity passing through the bottom of the body close to but without intersecting the upstanding portion of the body.

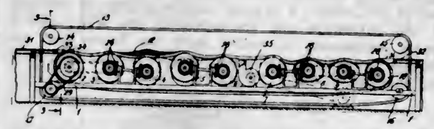
1,574,502. OIL-GAS-MAKING APPARATUS. CHARLES MATTHEWS, Jr., and WILLIAM C. MATTHEWS, Chicago, Ill. Filed Mar. 17, 1923. Serial No. 625,709. 10 Claims. (Cl. 48—144.)

4. In an oil gas making apparatus, the combination of a closed casing, a holder movable in said casing, a gas generator in communication with said holder, means for forcing air into said generator and holder, an air



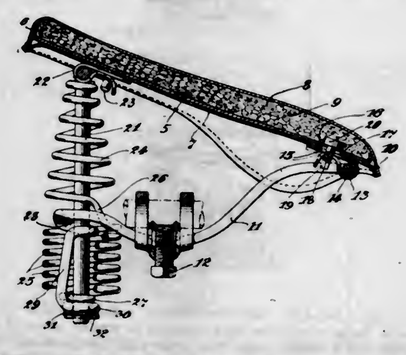
inlet for said air forcing means, and a pipe connecting the interior of said casing with said air inlet.

1,574,503. AMUSEMENT CONVEYER BELT. HYLA F. MAYNES, North Tonawanda, N. Y., assignor to Maynes Corporation, Dover, Del., a Corporation of Delaware. Filed June 23, 1925. Serial No. 38,993. 9 Claims. (Cl. 104—25.)



3. An amusement apparatus comprising the combination of a passenger-carrying conveyer belt, a plurality of drums for supporting and advancing the belt, the axes of certain of the drums being horizontal, and the axes of one being inclined in one direction and that of another in another direction to impart an undulating and rocking motion to the belt.

1,574,504. SADDLE. HENRY MESINGER, New York, N. Y. Filed June 11, 1925. Serial No. 36,323. 15 Claims. (Cl. 208—15.)



1. In combination with a saddle top, cushioning means for said saddle top including a longitudinally extending main spring pivotally connected at its forward end with the saddle top and having spaced portions provided with guides at their rear ends, a vertically disposed hanger pivotally connected to the rear end of the saddle top and having spaced parts movable through said guides,

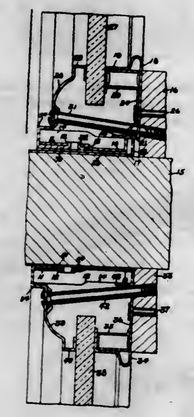
and a cushioning spring on each of said spaced parts of the hanger, and said guides on the spaced parts of said main spring constituting bearings for the lower ends of said cushioning springs.

1,574,505. HOSE SUPPORTER. EPHRAIM R. NABLO, Fort Wayne, Ind. Filed June 13, 1924. Serial No. 719,730. 5 Claims. (Cl. 24—247.)



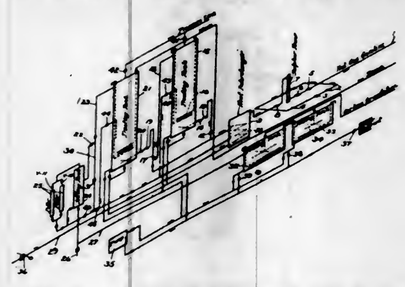
3. In a garment clasp, a frame having longitudinal guide-ways therein; a rubber stud member including an arm hinged at the upper part of the frame, the rubber stud having bearing contact upwardly against the lower end of the frame; a shackle loop longitudinally movable in the guideways and encompassing the stud; and a toggle mechanism connected with the frame and the shackle upwardly operable to move the shackle into binding engagement with the stud.

1,574,506. METALLIC WINDOW SASH. CHARLES G. NELSON, Chicago Heights, Ill., assignor to Zouri Drawn Metals Company, Chicago Heights, Ill., a Corporation of Illinois. Filed Mar. 7, 1925. Serial No. 13,686. 11 Claims. (Cl. 20—56.4.)



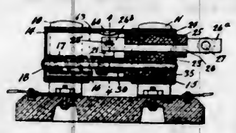
1. In a window sash construction, a sash member having a flange along one edge adapted to contact a sheet of glass and a flange along the other edge perpendicular to the sheet, attaching means adapted to apply drawing force to said member midway between said flange to draw said member towards the plane of the sheet, a draw-plate having one end seated in a groove in said member and attached to the second said flange, and means to prevent the draw-plate from tilting relatively to the plane of the sheet.

1,574,507. PROCESS AND APPARATUS FOR THE CONTINUOUS TREATMENT OF NATURAL-GAS GASOLINES. GEORGE GROVER OBERFELL, ALBERT M. BALLARD, RICHARD C. ALDEN, EDWARD L. UTSINGER, and WILLIAM R. LENTZ, Tulsa, Okla., assignors to Chestnut and Smith Corporation, Tulsa, Okla., a Corporation of Oklahoma. Filed Apr. 22, 1921. Serial No. 463,589. 9 Claims. (Cl. 196—24.)



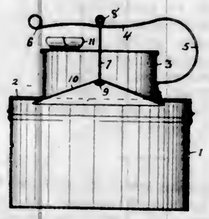
1. The process of treating natural gas gasoline which consists in dissolving therein a quantity of elementary sulphur, and then passing the gasoline through a solution of sodium hydroxide without distilling the gasoline.

1,574,508. THERMAL ELECTRIC-CIRCUIT CONTROLLER. GEORGE W. O'KEEFFE, Dorchester, Mass., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed Apr. 28, 1922. Serial No. 557,054. 38 Claims. (Cl. 200—122.)



1. A thermal electric circuit controller including a tubular insulating enclosing casing, metal caps on the ends thereof, a fixed contact member disposed within the casing, a thermally expansible element connected electrically with one of said end caps and arranged within said casing in operative relation with said fixed contact member, and a cylindrically-formed electric heating element disposed within said casing to lie along the length of and close to said thermally expansible element and having its ends electrically connected with said metal caps.

1,574,509. SELF-CLOSING CONTAINER. EUGENE J. OPPENHAMER, Fort Wayne, Ind. Filed June 13, 1925. Serial No. 36,855. 4 Claims. (Cl. 131—51.)



3. A closing means for a receptacle with an opening therein, a spring attached to the receptacle and extending over the opening; a valve in the receptacle operable

to close the opening from the interior of the receptacle; and a coupling means loosely connected with the spring and the valve.

1,574,510. TOY CAP. ARTHUR OTTERBEIN, Middletown, Conn., assignor to The Kirby Manufacturing Company, Middletown, Conn., a Corporation of Connecticut. Filed Nov. 21, 1922. Serial No. 602,875. 2 Claims. (Cl. 2—200.)



1. A toy cap comprising two equal triangular sides fastened together on two of the exterior adjacent edges by two strips of suitable flexible material stuck thereto and being folded back on the inside of the hat on themselves so as to form suitable reinforcing elements at the lower edges of the hat, the third adjacent edges being open and having upwardly and inwardly directed retaining members turned back therein, the ends of said retaining members being held in their inturned position by the infold of the flexible material at the lower edge of the cap.

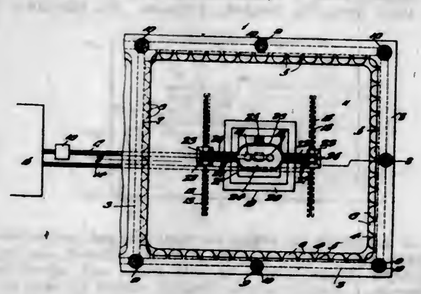
1,574,511. BELT-CONVEYER SUPPORT. WILLIAM E. PHILIPS, Cleveland, Ohio, assignor to The Stearns Conveyor Company, Cleveland, Ohio, a Corporation of Ohio. Filed Mar. 14, 1924. Serial No. 699,371. 4 Claims. (Cl. 198—192.)



1. The combination with a pair of pulley idlers placed end to end and each having a shaft, of an intermediate support for the shafts of said idlers comprising a bracket having a foot, an upwardly extending shank and portions extending laterally in opposite directions at the top of the shank, and upwardly extending arms at the outer ends of the lateral portions, each arm having an upwardly opening slot receiving one end of an adjacent idler shaft.

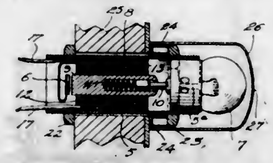
3. A bracket for supporting a pulley idlers, consisting of an integral member having a shank, a foot extending from the shank in the form of a ridge, and a bifurcated head providing two upwardly extending arms transversely of the ridge, each arm having through it an upwardly opening slot in which the end portion of the adjacent idler shaft is mounted.

1,574,512. SWIMMING POOL. WALTER S. POLLARD, Philadelphia, Pa. Filed Jan. 8, 1924. Serial No. 684,920. 4 Claims. (Cl. 4—172.)



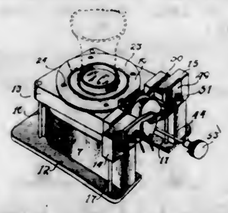
1. A swimming pool having a surrounding wall provided with laterally extending visible and invisible skim outlets which decrease in width in the direction of the floor, and a drain communicating with said outlets.

1,574,513. VEHICLE SIGNAL. DOUGLAS S. RATLIFF, Cleveland Heights, JOHN M. FRANCIS, Lakewood, and THOMAS E. REESE, Cleveland, Ohio. Filed Sept. 12, 1921. Serial No. 499,984. 3 Claims. (Cl. 177—311.)



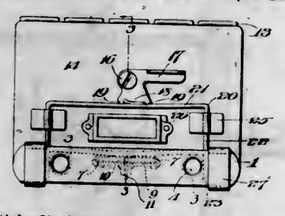
1. In a vehicle signaling system, a signal light comprising a sleeve, means for securing the sleeve to the dashboard of a vehicle, a signal lamp positioned in one end of the sleeve, a solenoid contained by the sleeve, a magnetic switch adapted to contact with the core of said solenoid, and a plunger positioned in said core in yieldable contact with said lamp, and means supported by the sleeve for shielding the major portion of the lamp rays from the operator's vision.

1,574,514. LOUD SPEAKER. FRANK J. REICHMANN, Chicago, Ill. Filed May 22, 1924. Serial No. 715,035. 37 Claims. (Cl. 179—108.)



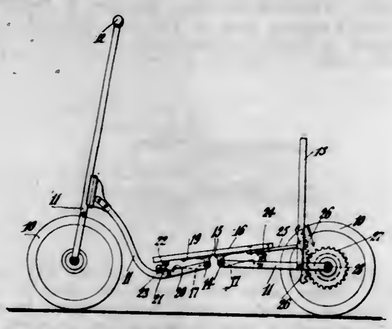
36. In a telephone receiver, an energizing coil, two pairs of pole pieces respectively disposed at opposite ends of the spool for affording two magnetic gaps in substantial alinement with the bore of the spool, a permanent magnet for polarizing all four pole pieces, and a pivoted armature extending through the bore of the coil and having its pivoting axis outside the coil and in a plane axial of the coil.

1,574,515. ARTICLE FILE. WILLIAM A. RINGLER, Philadelphia, Pa., assignor to Globe Wernicke Co., Cincinnati, Ohio, a Corporation of Ohio. Filed Oct. 10, 1922. Serial No. 593,546. 9 Claims. (Cl. 129—16.)



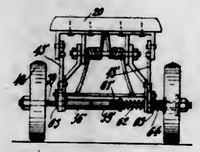
1 An article file having an expansible and contractible frame with means to secure it in its adjusted position, follower blocks carried by said frame and adjustable thereon, a locking member slidably carried by each follower block to clamp against said frame, and means on the follower block to actuate its locking member.

1,574,516. SCOOTER. JOHN ROHDIEK, New York, N. Y. Filed Nov. 8, 1924. Serial No. 748,509. 8 Claims. (Cl. 208—37.)



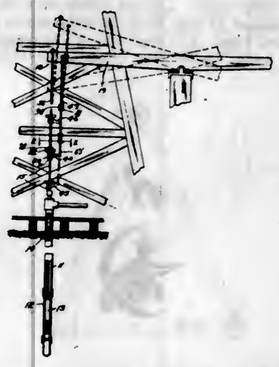
1. A scooter comprising in combination front and rear wheels with means for steering the front wheel and propelling means for the rear wheel, frame structures in which the said wheels are mounted, a platform between the wheels, pivot connections between said platform and said frames for connecting them, and a seat support carried by the rear wheel frame structure.

1,574,517. PROPELLING MECHANISM FOR CHILDREN'S VEHICLES. JOHN ROHDIEK, New York, N. Y. Filed Jan. 12, 1925. Serial No. 1,745. 7 Claims. (Cl. 208—38.)



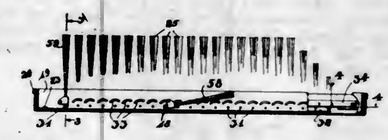
1. In combination with a vehicle including front and rear wheels, axles therefor, frame members in which said axles are mounted, a supporting platform pivotally connected with said frame members, and propelling mechanism for the vehicle comprising a buckle connection between the supporting platform and the rear axle and connections between the buckle, axle and one of the wheels for causing the wheel to rotate in one direction when the supporting member and buckle are depressed.

1,574,518. PUMP-PLUNGER ROTOR. SUMNER B. SARGENT, Los Angeles, Calif., assignor to Sargent Engineering Corporation, a Corporation of California. Filed Mar. 19, 1924. Serial No. 700,484. 5 Claims. (Cl. 255—14.



1. In a device of the class described, the combination of: a polished rod; a head mounted upon said polished rod; yoke means supporting said head; reciprocating mechanism for rotating said head; a crank for reciprocating said mechanism, link members connecting between said yoke means and a vertically rotatably reciprocating arm and a resiliently constituted parallel link connecting between said crank and said arm.

1,574,519. BRUSH. OTTO F. SCHULDT, Glendale, Calif. Filed Sept. 26, 1923. Serial No. 664,923. 6 Claims. (Cl. 15—203.)

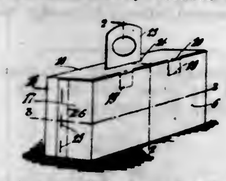


1. In a brush, a back embodying inner and outer sections of elongated cupped form nested one within the other with the side walls spaced apart, operating bars disposed within the spaces between the side walls of the inner and outer sections, the inner section having a plurality of perforations in its side walls, the said bars being provided with pins projecting through the perforations in the inner section, the pin-bars being arranged in sets of which one set is comparatively stationary while the other set it shiftable within the space between the sections of the back, bristle-holders, disposed in the depression of the inner section in an operative engagement with the pins, and operating means operatively engaged with one set of pin-bars whereby the bristle-holders may be tilted back and forth.

1,574,520. COLLAPSIBLE CASE. JOSEPH B. SINGER, New York, N. Y.; Ettie Singer executrix of said Joseph B. Singer, deceased. Filed Dec. 31, 1923. Serial No. 683,568. 2 Claims. (Cl. 229—41.)

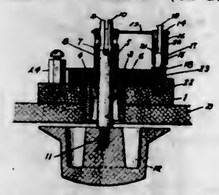
1. A collapsible case having a one-piece body consisting of a blank cut to provide side wall sections, end wall sections extending from each of the side wall sections and of relatively different widths, said end wall sections at the respective ends of the side wall sections being hingedly connected with each other and foldable inwardly between said side wall sections to collapse the container, a bottom wall section connecting the side wall sections with each other, the wider end wall sections having foldable flaps at their opposite ends of

substantially the same width as the bottom wall section adapted to extend inwardly between the spaced side



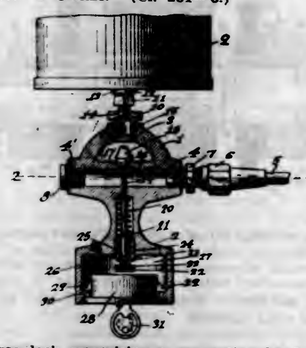
wall sections to prevent the inward folding of the hingedly connected end wall sections, and a foldable top wall section connected with each of the side wall sections.

1,574,521. RHEOSTAT. CHARLES STERN and DAVID BROWN, New York, N. Y. Filed Dec. 5, 1924. Serial No. 754,196. 4 Claims. (Cl. 201—55.)



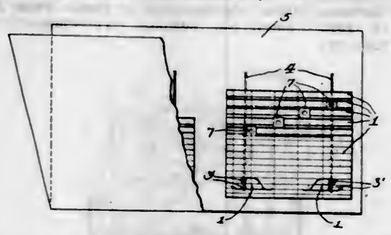
4. A rheostat comprising a base member of insulating material; a resistance wire wound around a suitably positioned insulating strip; a hollow, tubular supporting member suitably secured to said base and containing integral with itself an internal annular stop; a shaft positioned within said supporting member; said shaft having an annular collar on its lateral surface, said collar being adapted to abut against said annular stop; a knob adaptable for attachment to one end of said shaft; a contact member movable over an arcuate path and comprising a hollow casing, a contact piston contained within said casing and free to move therein, one end of said piston serving as a contact point; a spring within said casing adapted to actuate said piston in the direction of said resistance wire, and to hold said contact point in co-operation with said resistance element; means for connecting said shaft with said contact member; and limiting contact stops on said base.

1,574,522. GAS LOCK. WALLACE E. C. STONE, Los Angeles, Calif. Filed Aug. 24, 1923. Serial No. 659,157. 3 Claims. (Cl. 251—6.)



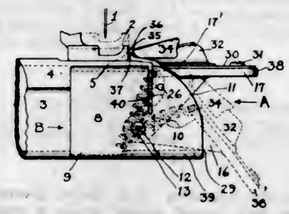
1. A gas lock comprising a connecting head provided with an interior opening and a valve seated therein, a key controlled means for unseating said valve, the stem of said valve extending into a control extension containing a hand operating means provided with means permitting its rotation by a key, a spring tending to move the valve toward its seat and adjustable means to vary the movement of said valve stem.

1,574,523. VISIBLE INDEX. HENRY A. VAN HOUTEN, New Rochelle, N. Y. Filed June 3, 1925. Serial No. 34,506. 2 Claims. (Cl. 129—16.7.)



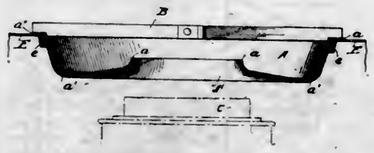
1. In an index or file, a support having narrow slits in substantial parallelism with each other, cards adapted to be mounted upon said support in overlapped relation, tongues separately formed and widely spaced upon said cards within the periphery of each card and including portions outwardly directed towards the sides of said card for engaging the narrow slits in said support whereby the flexing of said card without danger of tearing off the tongues is facilitated.

1,574,524. END CAP FOR SEWING-MACHINE HORNS. JOHN P. WEIS, Nyack, N. Y., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y., a Corporation of Delaware. Filed Nov. 5, 1925. Serial No. 66,932. 19 Claims. (Cl. 112—136.)



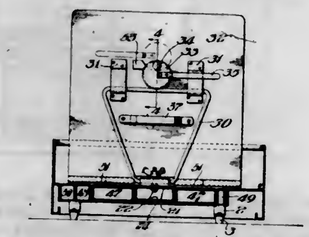
1. In a sewing machine having a feed up the arm work cylinder, the combination of an end cap therefor, and a work attachment secured to the cap for swinging movement from the stitching mechanism and toward the same in the direction of the line of feed thereby to provide when the attachment is swung away from the stitching mechanism, a clearance space for the manipulation of the work.

1,574,525. HEAT INTENSIFIER. LEWIS T. WILCOX, Peekskill, N. Y. Filed July 15, 1922. Serial No. 575,175. 2 Claims. (Cl. 126—214.)



1. A heat intensifier for gas and oil stoves comprising a body member having a peripheral support, an inwardly and downwardly inclined outer side wall depending from the said peripheral support, and a bottom wall which in its entirety is upwardly inclined toward the center of the intensifier and terminates in an upwardly curved internal flange for directing the flame from a burner into the intensifier thereby providing a chamber for heated gases and also a receptacle for the drippings or overflow from a vessel placed above the intensifier.

1,574,526. TRAY FOR MACHINE POSTING. HENRY C. YEISER, Cincinnati, Ohio, and WILLIAM A. RINGLER, Philadelphia, Pa., assignors to Globe Wernicke Co., Cincinnati, Ohio, a Corporation of Ohio. Filed June 15, 1923. Serial No. 645,592. 11 Claims. (Cl. 129—16.)



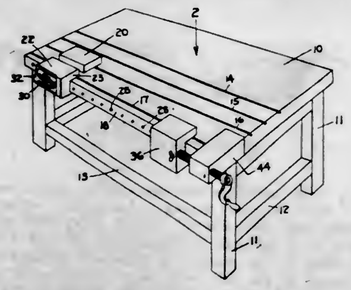
5. In a device of the character described, a sheet-metal frame having a movable side to vary the size of said frame, means to lock said side in its adjusted position, follower blocks relatively adjustable longitudinally of the frame, means to effect lateral adjustment of said follower blocks, compressor plates hinged to said follower blocks, and independent locking mechanism for each compressor plate.

1,574,527. HAIRPIN. JOHN C. YOUNG, Pittsburgh, Pa. Filed Feb. 6, 1923, Serial No. 617,371. Renewed July 25, 1925. 1 Claim. (Cl. 132—50.)



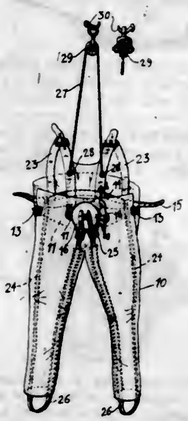
A hair pin consisting of a strand generally of U-shape, the legs thereof having waves in spaced coacting relation, and the opposite side portions of the legs at the bight of the pin substantially constituting one of the waves and being disposed substantially in parallelism and substantially angularly with respect to the line of insertion and withdrawal of the pin for concealment in the hair and to constitute a finger grip.

1,574,528. WORKBENCH. OTTO JOHN YOUNOMAN and MAXIMILIAN R. YOUNGMAN, Los Angeles, Calif. Filed Mar. 18, 1925. Serial No. 16,383. 8 Claims. (Cl. 144—286.)



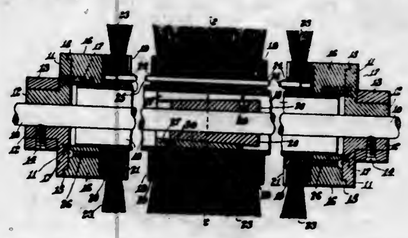
1. A work bench having a top with a groove diagonal to its longitudinal extension, a wedge block of rectangular and rigid construction having its lower face resting on the top, said wedge block having a longitudinal tongue in its lower surface adapted to slide in the groove, and a slide block rigid with the said top whereby an object may be secured between the wedge block and the slide block.

1,574,529. LIFE-SAVING SUIT. SAMUEL ABRAHAM, New York, N. Y. Filed Apr. 25, 1925. Serial No. 25,920. 2 Claims. (Cl. 227—11.)



1. In a device of the character described, in combination, a pair of trousers, an adjustable waist belt for said trousers, adjusable straps disposed lengthwise and sidewise of said trousers, a casing secured to said waist belt; a reversible drum in said casing, a cable attached to and adapted to be coiled around said drum; a pair of complementary brake shoes normally engaging said cable to prevent its unwinding from the drum, and means adapted to be regulated by the person descending in said device to decrease or entirely release the pressure of the brake shoes on said cable.

1,574,530. ROTARY BRUSH. JOSEPH ADAMS, Roxbury, Mass., assignor to Adams-White Brush Company, Boston, Mass., a Corporation of Massachusetts. Filed Sept. 27, 1924. Serial No. 740,174. 7 Claims. (Cl. 15—181.)

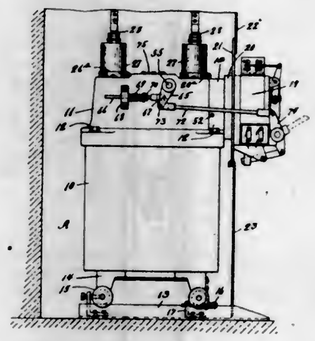


3. The combination of a tube; annular heads secured to the opposite ends thereof; a plurality of unitary brush sections surrounding said tube between said heads; means preventing independent movement of said brush sections; and screws extending through said heads into the outer brush sections.

1,574,531. CIRCUIT INTERRUPTER. CHESTER D. AINSWORTH, Wollaston, Mass., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed Dec. 14, 1921. Serial No. 522,227. 14 Claims. (Cl. 200—150.)

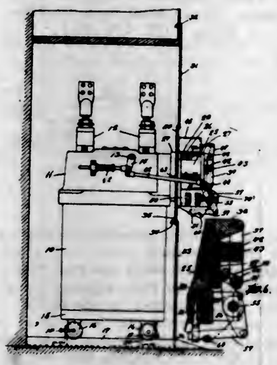
14. An electrically-operated electric switch comprising the combination of a closed receptacle, stationary and

movable switch members enclosed therein, and an operating coil carried externally by said receptacle having



an armature, and means operably connecting said armature and movable switch member.

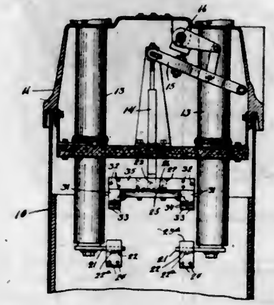
1,574,532. ELECTRIC SWITCH. CHESTER D. AINSWORTH, Wollaston, Mass., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed Dec. 14, 1921. Serial No. 522,228. 35 Claims. (Cl. 200—150.)



15. A cell-type electric switch having a casing for the switch members, a cell-closing plate carried by the upper portion of said casing, and a cell cover carried by said plate.

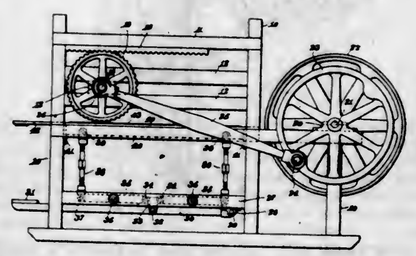
1,574,533. ELECTRIC SWITCH. CHESTER D. AINSWORTH, Wollaston, Mass., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed Feb. 9, 1922. Serial No. 535,220. 18 Claims. (Cl. 200—150.)

1. An electric switch having two relatively movable switch members each formed with a main current-carrying member and two arcing members disposed on opposite sides of and extended in a circuit-opening direction beyond the contact face of and electrically connected with said main current-carrying member, and said switch members arranged to be moved to cause the engagement of their respective main current-carrying members and arcing members.



16. An electric switch having a movable switch member including a rectangular frame comprising connected and spaced end and side plates, arcing members carried by the connections between said end and side plates, and a main bridging member carried by said frame between said arcing members.

1,574,534. LEATHER-GRAINING MACHINE. JOHN WILLIAM AULSON, Lynn, Mass. Filed May 18, 1923. Serial No. 639,828. 12 Claims. (Cl. 149—17.)

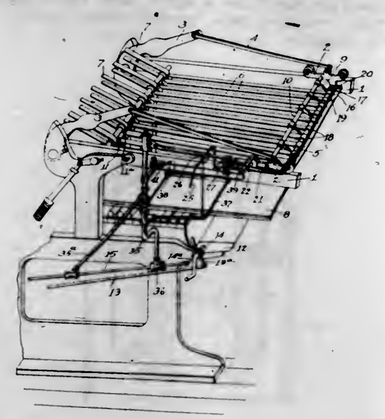


1. In a machine of the class described, a hide support; guides parallel to said support; a drum reciprocable on said guides; means for oscillating the drum during its reciprocation, and treadle mechanism for bodily lifting said hide support and retaining it in parallelism with said guides.

1,574,535. DELIVERY HEATER FOR PRINTING PRESSES. CHARLES BRADLEY, Los Angeles, Calif. Filed Feb. 27, 1925. Serial No. 11,962. 5 Claims. (Cl. 34—18.)

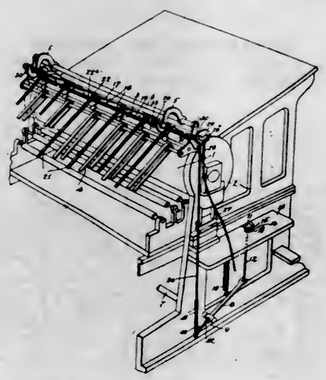
1. A heater for a printing press having trip mechanism and a movable delivery carriage, comprising heating means mounted on said carriage, a control for said

heating means moving with the latter and said carriage, and means for operating said control connected to the



trip mechanism of the press so as to shut-off and operate said heater as the press is tripped and released respectively.

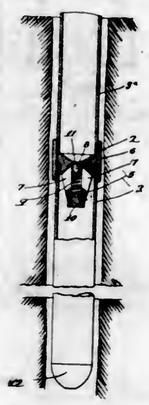
1,574,536. HEATER FOR PRINTING PRESSES. CHARLES BRADLEY, Los Angeles, Calif. Filed Feb. 27, 1925. Serial No. 11,963. 7 Claims. (Cl. 34—18.)



7. A heater for a printing press comprising a burner pipe arranged for passage of the printed sheets beneath the burner pipe, and sheet guard sticks carried by the burner pipe and projecting therefrom so as to overlie and prevent displacement of the printed sheets.

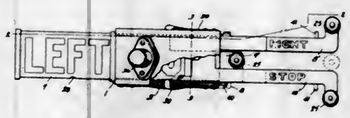
1,574,537. INSET CASING FLOAT VALVE. ALLEN P. BUACH, Whittier, Calif. Filed July 27, 1923. Serial No. 654,168. 2 Claims. (Cl. 251—121.)

1. In combination a string of casing sections, contiguous ends of certain sections having a collar screw-threaded on the outside of the casing sections, an inserted float valve having a body part, a rim at the upper portion thereof, screw threads on the exterior of the rim, abutting faces on the top and bottom of the rim, said abutting faces engaging the contiguous ends of the casing sections and the threaded portion engaging the collar, a valve hole in the upper part of the body portion, a downwardly extending passage, a plug at the lower end of the passage, a spring bearing against the plug, a ball engaging the upper end of the spring whereby



the ball may be pressed against the valve hole, and a series of ports through the body, the inner ends of such ports being of less width than the diameter of the ball, whereby the ball is retained in said passage.

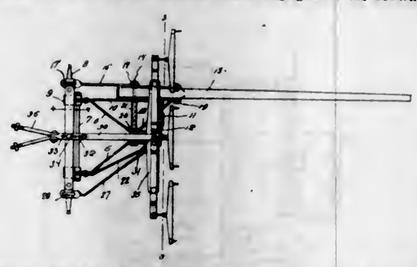
1,574,538. TRAFFIC SIGNAL. FRANK B. CROSBY, Seattle, Wash., assignor of one-half to Joseph C. Cahoon, Seattle, Wash. Filed Sept. 10, 1924. Serial No. 736,853. 1 Claim. (Cl. 116—50.)



A device of the class described comprising a housing formed of front and back plates and upper and lower spacing bars; said bars being provided with longitudinally extending grooves on their adjacent faces, a plurality of signaling slides mounted in the housing for slidable movement into and from the same along said grooves and having notches in the edges, arms extended from the inner ends of the slides whereby they may be moved into and from signaling position, knobs at the ends of said arms, and spring fingers fixed to the housing with ends adapted to engage within the notches of said slides to yieldingly retain the latter at adjusted positions.

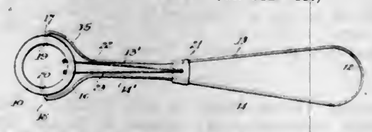
1,574,539. DRAFT APPLIANCE. CLAUDE DAUGHERTY, Smithville, Mo., assignor of one-fourth to Lee A. Woods and one-fourth to Elmer D. Cutler, both of Smithville, Mo. Filed June 26, 1925. Serial No. 39,763. 3 Claims. (Cl. 278—41.)

1. In combination with a vehicle front axle, a rigid frame attached thereto, a stub tongue carried by the frame, a bolt extending laterally from the stub tongue, a main tongue rotatable on the bolt and capable of swinging vertically, a curved arm attached at one end to an intermediate portion of the main tongue, and extending therefrom rearwardly and laterally and pivotally engaged with the bolt adjacent the stub tongue, a multiple draft tree attached to the stub tongue, a king pin rising from the axle, an adjustable brace engaged at its forward



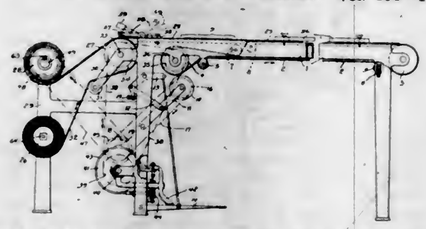
end to the stub tongue and extending rearwardly therefrom and having a slot for receiving the king pin, and means for attaching it to the body of a wagon or the like.

1,574,540. SCALP-MASSAGING DEVICE. WILLIAM DUNCAN, Los Angeles, Calif. Filed July 25, 1924. Serial No. 728,184. 8 Claims. (Cl. 132—19.)



1. A device of the class described comprising a comb having a body in the form of a ring, a circular row of teeth projecting downwardly from said body, and a handle pivoted to said body.

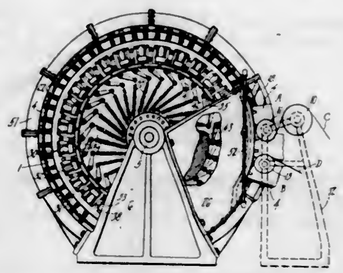
1,574,541. STOCK-ROLLING APPARATUS. ADRIAN O. ABBOTT, Jr., Detroit, Mich., assignor to Morgan & Wright, a Corporation of Michigan. Filed June 15, 1921. Serial No. 477,662. 13 Claims. (Cl. 154—1.)



4. In an apparatus for rolling up stock with a liner strip intermediate its convolutions, the combination with a conveyor operable at will of means for rolling up stock and a liner strip without substantially distorting the former, said means including a reel, a liner feed-roll, and means for rotating the same with substantially equal peripheral velocities as the stock and liner strips accumulate on the reel.

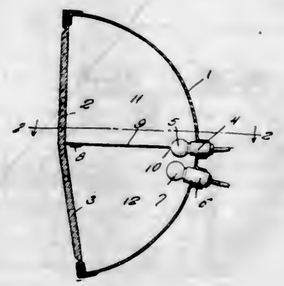
1,574,542. MACHINE FOR FORMING AND VULCANIZING STRIP MATERIAL CONTAINING RUBBER OR THE LIKE. ADRIAN O. ABBOTT, Jr., Detroit, Mich., assignor to Morgan & Wright, Detroit, Mich., a Corporation of Michigan. Filed May 7, 1924. Serial No. 711,563. 16 Claims. (Cl. 18—17.)

1. A machine for forming and vulcanizing material containing rubber or the like in strip form by a continuous operation, comprising a mold containing an endless mold cavity for the material, a station for feeding the material to the mold, a station for receiving the product from the mold, means for producing continuous relative movement between the mold and stations whereby the endless mold cavity will pass the stations in a



continuous progressive manner, means for progressively opening the mold fractionally in advance of the receiving station, means for closing same upon leaving the feeding station, and means for heating the mold.

1,574,543. HEADLIGHT CONSTRUCTION. SIMONI ANDERSEN, Denver, Wyo. Filed Jan. 19, 1925. Serial No. 3,370. 1 Claim. (Cl. 240—41.)

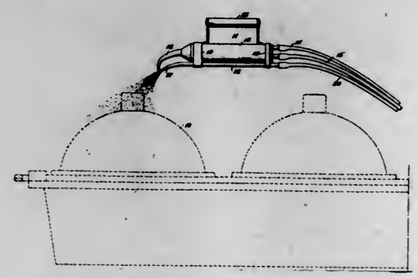


An automobile headlight comprising a substantially semi-circular casing open at its front, the forward edges of the lower half of the casing being cut away, a lens mounted in the open portion of the casing, the lower half thereof being offset at an angle to correspond with the cut away forward edges of the lower half of the casing, a lamp arranged centrally in the rear portion of the casing, an additional lamp supported below the aforementioned lamp, a partition supported horizontally in the central portion of the casing and conforming with the shape of the interior of the casing, the rear central portion of the partition being cut out to receive the first mentioned lamp, the opposed faces of the partition and the inner wall of the casing providing reflecting surfaces, the rays of light from the first mentioned lamp adapted to be disposed outwardly through the lens on opposite sides of the partition, the rays of light from the lower lamp being adapted to be disposed outwardly through the lower angular offset portion of the lens.

1,574,544. METHOD OF DEPOSITING SILVER. BLASIUS BART, East Orange, N. J. Filed Sept. 23, 1921. Serial No. 502,680. 15 Claims. (Cl. 91—68.3.)

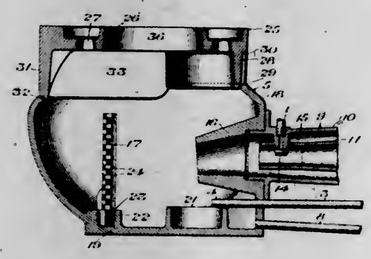
2 In the art of coating objects with silver, the process which consists in mixing a solution of a silver salt with a reducing agent therefor, maintaining the association in

the absence of air and for a period of time less than the period necessary to permit a complete reduction of the silver salt present and spraying the resulting par-



tially reduced substance in the form of a mist and in the presence of air onto the surface of the object to be coated.

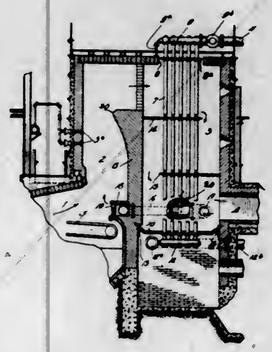
1,574,545. OIL HEATER. CHARLES H. BEAR, York, Pa., assignor to Bear Combustion Company, York, Pa., a Corporation of Pennsylvania. Filed Apr. 11, 1924, Serial No. 705,865. Renewed Dec. 22, 1925. 8 Claims. (Cl. 158—28.)



3. A fuel burning apparatus including a bowl provided with an inwardly extending nozzle, an ignition wall in the bowl arranged in front of the nozzle and provided with oppositely extending teeth adapted to break up a combustible mixture discharging into the bowl through the nozzle, said bowl having a substantially semi-spherical inner surface, a heat diffuser arranged at the top of the bowl and having a baffle abutting against one portion of the top edge of the bowl, and legs associated with the heat diffuser and resting on said bowl.

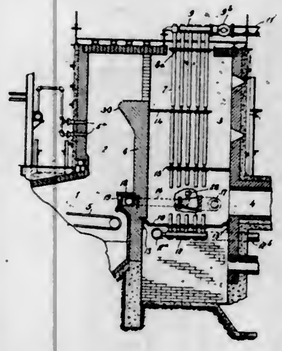
1,574,546. OIL-HEATING FURNACE. JOHN E. BELL, Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed Jan. 28, 1922. Serial No. 532,482. 14 Claims. (Cl. 196—116.)

5. A tubular oil cracking still having a heating chamber, a series of vertical oil heating tubes adapted to be externally heated extending through said heating chamber, a flue communicating with the lower end of said heating chamber, a fire box having an elongated vertical throat communicating at its upper end with said heating chamber, a flue connecting the lower end of the heating chamber with the lower end of the throat, and means in said flue for forcing the return of partially cooled but still hot gases to the first box, whereby the heating gases



from the fire box are tempered by the returned hot gases of lower temperature and the resulting mixture is passed through the heating chamber.

1,574,547. OPERATION OF OIL STILLS. JOHN E. BELL, Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed Aug. 10, 1923. Serial No. 656,672. 19 Claims. (Cl. 196—116.)

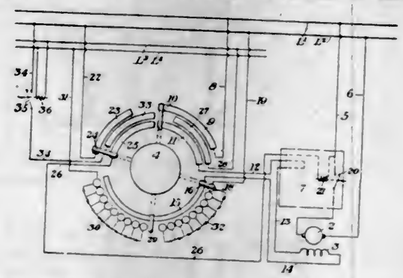


1. The improvement in the heating of oil cracking stills in which oil is heated to the cracking temperature by hot products of combustion from a furnace passing externally over the oil heating surfaces of the still, which comprises recycling over the oil heating surfaces in admixture with fresh products of combustion from the furnace a portion of the hot waste heating gases which have previously passed over the heating surfaces.

1,574,548. METHOD AND APPARATUS FOR SWITCHING. MERRILL G. BENJAMIN, Lakewood, Ohio. Filed Mar. 31, 1924. Serial No. 703,326. 7 Claims. (Cl. 172—179.)

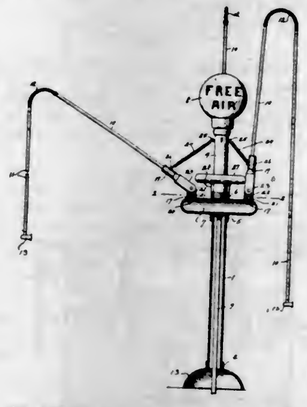
1. The method of operating an electric motor, which includes supplying the motor armature from one current source, supplying the motor field from the same current

source, switching the field to a second current source by supplying current in increasing amounts from the second source while decreasing the amount of current



from the first source to the field, and maintaining the electrical connection between the first source and the motor armature, substantially as described.

1,574,549. TIRE-INFLATING DEVICE. HENRY W. BIESHAR, Oskaloosa, Iowa. Filed Jan. 29, 1924. Serial No. 689,341. 2 Claims. (Cl. 299—77.)

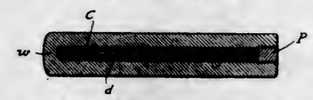


1. A tire inflating device comprising a hollow standard, a reservoir positioned intermediate the height of said standard, a supply pipe passing upwardly through the lower portion of said standard and communicating with said reservoir, outlet conduits having communication with said reservoir and pivotally mounted for vertical swinging movement, resilient means normally retaining said conduits in an elevated position and bumper means about said standard above the reservoir for limiting upward swinging movement of the conduits.

1,574,550. METHOD OF MAKING MAGNETIC ALLOYS. VERE B. BROWNE, Brackenridge, Pa. Filed Apr. 2, 1925. Serial No. 20,252. 5 Claims. (Cl. 75—45.)

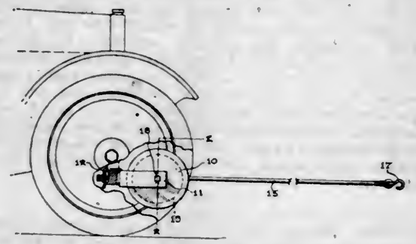
1. The method of making silicon iron having a silicon content sufficient to adapt it for use as a magnetic alloy and a carbon content of not over .03%, which consists in refining iron, in reducing the carbon in the refined iron by making additions of iron ore to the bath until no further reduction of carbon is obtained by further additions, in adding sufficient ferro-silicon to produce the necessary heat to maintain the metal molten during a Bessemer blow, in transferring the metal to a Bessemer converter and over-blowing to remove the silicon which has been added and substantially all of the remaining carbon, then in transferring the metal to a ladle and in adding thereto the necessary silicon.

1,574,551. ROLLING HOLLOW STEEL. EDWARD BUMFORD, Birmingham, Ala. Filed Nov. 10, 1921. Serial No. 514,410. 1 Claim. (Cl. 80—62.)



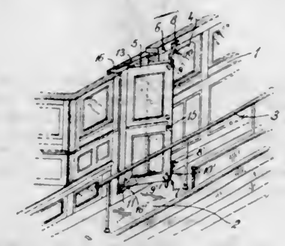
The method of producing hollow rolled bars which comprises providing a hollow blank filled with calcium carbide, rolling the bar and removing the carbide with the aid of water.

1,574,552. TOWLINE FOR AUTOMOBILES. LESLIE G. CHAPMAN, Bangor, Me. Filed Oct. 24, 1925. Serial No. 64,641. 1 Claim. (Cl. 280—33.14.)



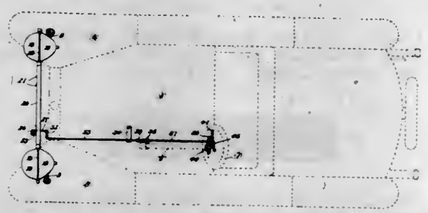
A self winding tow line for vehicles having a casing, means for connecting the casing with the front axle of a vehicle, a drum revolubly mounted in the casing and having a cable reeled thereon and extended through an opening in the side of the casing for terminal attachment to a towing vehicle, and a drum rewinding spring housed within the casing, the said drum having a transverse spindle terminally secured in the side walls of the casing, and the means of engagement with the front axle consisting of a yoke straddling the casing and engaged with the extremities of said spindle.

1,574,553. DOOR MOUNTING. IRWIN CHASE, Bayonne, N. J., assignor to The Elco Works of The Electric Boat Company, a Corporation of New Jersey. Filed May 16, 1924. Serial No. 713,837. 18 Claims. (Cl. 20—16.)



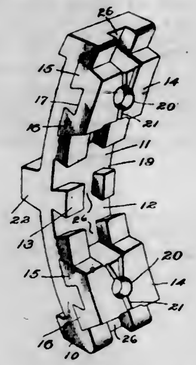
1. The combination of a door, a support and means carried by the support and connected to one edge of the door for causing this edge of the door to swing out away from the support a maximum distance equal to approximately one half the width of the door and then back against the support whereby the door is opened wide.

1,574,554. DIMMER SHADE FOR MOTOR-VEHICLE HEADLIGHTS. ANDREW CHLPKA, Lackawanna, N. Y. Filed Aug. 27, 1925. Serial No. 52,905. 1 Claim. (Cl. 240—45.6.)



In a device of the type described, the combination with the headlights of a motor vehicle, of a ring clamped on the rim of each headlight, a pair of bearings carried by each ring and projecting laterally from the opposite sides thereof, a semi-circular frame having end trunnions journaled in said bearings of each headlight, a dimmer shade carried by each frame, a tubular rod connecting the inner trunnions of the said frames, a laterally projecting arm carried by said tubular rod, a vertically extending rod pivotally connected to the extremity of said arm, a horizontally extending rotatably mounted rod having a laterally extending arm, a connection between the vertically extending rod and the last mentioned lateral arm whereby rotation of the horizontal rod will cause the vertical arm to move upwardly or downwardly to rotate the tubular rod connecting said dimmer shade frames, and means for rotating said horizontal rod.

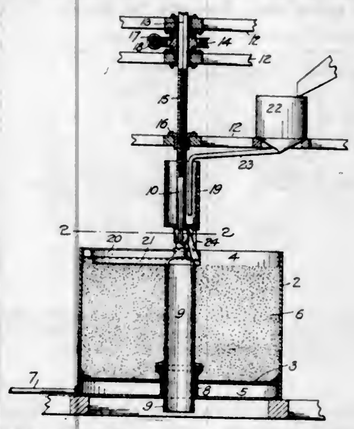
1,574,555. BRAKE SHOE. JAMES A. CONNELLY, Hamilton, Ohio. Filed July 5, 1922. Serial No. 572,989. 5 Claims. (Cl. 188—238.)



1. A brake shoe having a main body and a plurality of detachable wear-blocks, coacting means between the main body and the blocks, comprising tapered dove-tails and slots therefor and means on the main body for supporting the block adjacent its middle portion, each of the wear-blocks having a passage for air at its rear and adjacent the main body of the shoe.

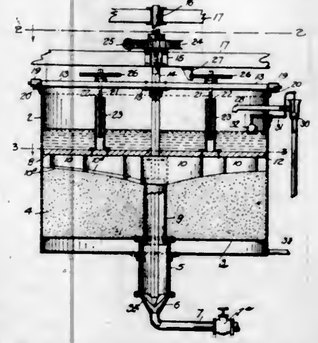
1,574,556. FILTER. HARRISON S. COE, Mound City, Kans., assignor, by mesne assignments, to The Cycle Company, Colorado Springs, Colo., a Corporation of Colorado. Filed Aug. 13, 1919. Serial No. 317,237. 14 Claims. (Cl. 210—12.)

1. A filter comprising a vessel containing a column of filtering material, means for feeding liquid upon the column, means for withdrawing filtrate therefrom and mechanism operative upon the surface of the filtering



material where the liquid enters the column to successively remove successive layers thereof together with the deposit contained thereon.

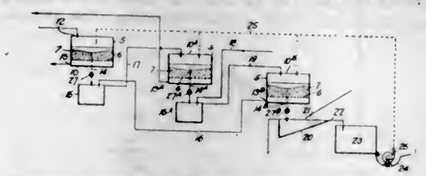
1,574,557. FILTERING APPARATUS. HARRISON S. COE, Mound City, Kans., assignor, by mesne assignments, to The Cycle Company, Colorado Springs, Colo., a Corporation of Colorado. Filed Jan. 26, 1920. Serial No. 354,177. 16 Claims. (Cl. 210—129.)



1. In filtering apparatus of the character described, the combination of a tank, a filter-bed therein, having a passage extending downwardly from its surface, and mechanism for moving the upper strata of the filter bed to said passage, comprising a rotary shaft mounted against longitudinal displacement, a scraping device connected for rotation with the shaft, and free therefrom for independent downward motion, and means to effect an intermittent downward movement of the device during rotation of the shaft.

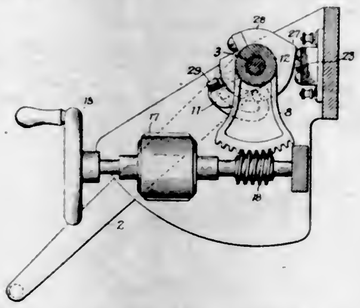
1,574,558. FILTERING PROCESS. HARRISON S. COE, Mound City, Kans., assignor, by mesne assignments, to The Cycle Company, Colorado Springs, Colo., a Corporation of Colorado. Filed Jan. 26, 1920, Serial No. 354,178. Renewed Oct. 29, 1925. 7 Claims. (Cl. 210—128.)

6. A process of filtration consisting in causing liquid in a mixture of liquid and solids, to percolate through a permeable filtering substance, and automatically removing the residue of the mixture, settling on said substance,



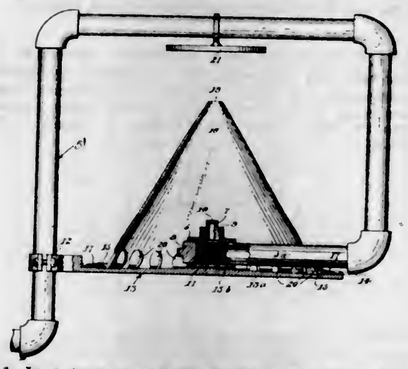
in different filtering units, and washing the residue of one unit with the filtrate of another.

1,574,559. MARINE-ENGINE GOVERNOR. WILLIAM G. COXE, Philadelphia, Pa., and GUSTAV M. LAGERGREN, Wilmington, Del. Filed Aug. 5, 1924. Serial No. 730,249. 14 Claims. (Cl. 137—159.)



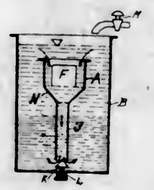
1. A marine engine governor comprising a reversible electric motor connected to open and close the engine control valves double throw switch means having opposite sides thereof connected in the motor circuit oscillated by pitching movement of the boat to automatically start and reverse the motor to open and close the engine control valve.

1,574,560. OIL BURNER. THOMAS A. CRAWFORD, Sacramento, Calif. Filed Mar. 19, 1925. Serial No. 16,748. 2 Claims. (Cl. 158—64.)



1. In a burner of the type described, a burner pan comprising a disk-like body portion having a radially sloping top surface, a circular series of spaced lugs projecting perpendicularly from the top face of the body portion, and a perpendicular flange formed on the peripheral edge of the pan, a wick carried by the pan between the flange and the circular series of lugs, a burner nozzle centrally disposed above said pan, and a conical mixing chamber resting upon said pan and confining said burner nozzle.

1,574,561. DISSOLVING DEVICE. EMIL CZAPEK and RICHARD WEINGAND, Bomlitz, near Walsrode, Germany. Filed Sept. 1, 1925. Serial No. 53,808. 6 Claims. (Cl. 23—272.)



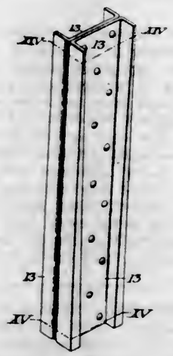
1. In a dissolving device the combination with two containers, in one of which the substance to be dissolved is placed, and communication means between the upper and lower parts of said containers, of a valve for regulating the free sectional passage of the communicating means and the dissolving rate, and solvent-admitting means associated with the containers whereby the saturated fluid will be collected by gravity in the lower portion of the container.

1,574,562. IMPREGNATED INSULATION. GUSTAVE F. DREHER, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed June 9, 1923. Serial No. 644,500. 9 Claims. (Cl. 91—68.)

1. A porous, mineral article permeated throughout with still wax pitch.

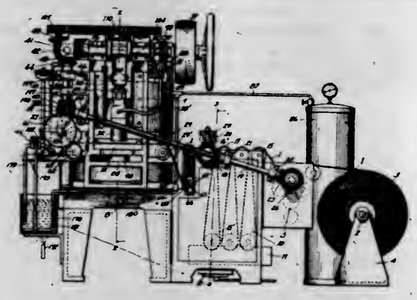
4. The process of impregnating asbestos composition with still wax which consists in modifying said wax by distillation to produce a flow point of about 45 to 50° C. and bringing said modified material into contact with said composition at a temperature of about 220° C. until penetration is completed.

1,574,563. METALLIC STRUCTURE AND STRUCTURAL UNIT. SAMUEL E. DUFF, Ben Avon, Pa., assignor of one-half to Albert W. Heinle, Crafton, Pa. Filed Sept. 6, 1921. Serial No. 498,736. 2 Claims. (Cl. 189—34.)



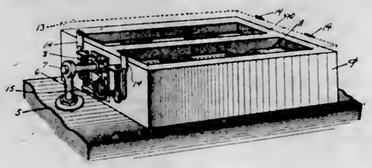
1. A structural unit formed of a worked metal plate having its fibres extended in the direction of its elongation during the forming of the plate and having a substantially gradual variable wall thickness along the fibres, said plate being bent along the plane of its fibres to form the unit, substantially as described.

1,574,564. FORMING MACHINE. WILLIAM Y. FARNSWORTH, Seattle, Wash. Filed Oct. 9, 1922. Serial No. 593,256. 7 Claims. (Cl. 18—19.)



1. In a machine for forming articles from an endless strip of paper, or the like, in combination, means for intermittently advancing the strip, a blanking die having an opening therethrough, a receiving plate, a reciprocating die head co-acting with the blanking die to cut the article forming blanks from the strip and to advance the same through the die opening to partly shape the article, a rotating member, a plurality of forming dies arranged circularly thereon, means for transferring the partly shaped articles from the receiving plate into successive dies of the rotating member and means for actuating the latter dies to shape the articles therein and to discharge them as the dies successively approach the receiving position.

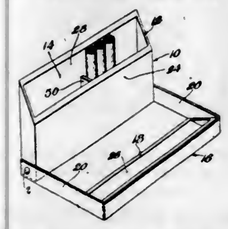
1,574,565. APPARATUS FOR MOLDING BUILDING BLOCKS. JOHN A. FERGUSON, Orange Park, Fla. Filed Aug. 8, 1921. Serial No. 490,675. 7 Claims. (Cl. 25—41.)



1. In apparatus for molding articles from a wet mixture, the combination of a suitably actuated jigging support, auxiliary supporting means associated therewith and adapted to be vertically actuated independently thereof, a mold form container separably carried by said jigging support, which mold form container has an enlarged top face opening and is so pivotally connected to said vertically actuated auxiliary supporting means as to be bodily invertible, for reseating wholly within its own normal area bounding limits relatively to said jigging support, when bodily shifted to said auxiliary supporting means away from said jigging support, closure means for said enlarged opening, and means for detachably securing said closure means thereover.

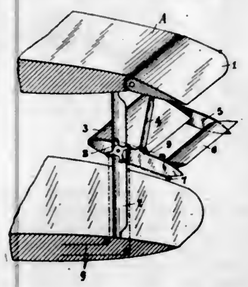
1,574,566. CONTAINER. CHARLES F. FISKE, Leominster, Mass., assignor to W. D. Earl & Co., Boston, Mass., a Corporation of Massachusetts. Filed Nov. 21, 1924. Serial No. 751,215. 2 Claims. (Cl. 206—41.)

1. A two-part case comprising a container member having a rearwardly beveled opening in the upper portion for the introduction and withdrawal of articles, a cover portion having a beveled face corresponding with the bevel surrounding the opening in the container and designed to fit flush with the walls of the container when in closed position, supporting arms connected to opposite sides of the cover member and pivoted at opposite sides of the container adjacent the lower end in such a manner that the edges of the supporting arms and the



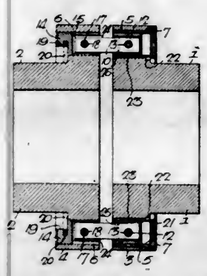
side of the cover member form a prolongation of the base of the container when the arms are swung forwardly to remove the cover member from closed to open position.

1,574,567. DEVICE FOR STEERING AIRCRAFT. ANTON FLETTNER, The Hague, Netherlands. Filed June 29, 1920. Serial No. 392,840. 14 Claims. (Cl. 244—29.) (Granted under the provisions of the act of March 3, 1921, 41 Stat. L., 1313.)



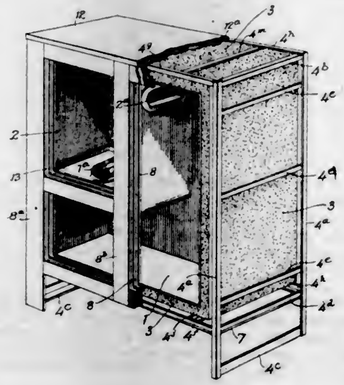
1. In a steering device for aircraft in combination, a rudder, an auxiliary pressure surface pivoted to said rudder near the rear edge thereof and gearing inserted between said rudder and said surface whereby this latter is caused, under the influence of the forces of flow acting thereon, to further the movement of said rudder.

1,574,568. FLEXIBLE COUPLING. WILLIAM J. FRANCKE, New Brunswick, N. J., assignor, by mesne assignments, to John Waldron Corporation, New Brunswick, N. J., a Corporation of New Jersey. Filed June 30, 1922. Serial No. 572,019. 6 Claims. (Cl. 64—96.)



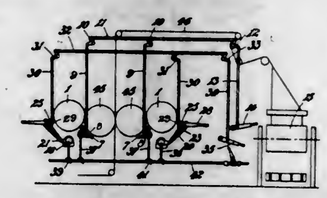
1. A flexible coupling comprising relatively movable coupling members having corresponding apertures, a flexible connecting element, a keeper pivotally secured to each end of said element and adapted respectively to occupy the apertures of the said coupling members, means for securing one of the keepers to its coupling member, and a sleeve constituting a liner for the aperture of the other member detachably retained in the aperture and removable therefrom independent of the connecting element.

1,574,569. REFRIGERATOR. ROBERT T. FRAZIER, DONALD W. BODDY, and CURTIS F. HAMLIN, Chattanooga, Tenn., assignors to Tennessee Furniture Corporation, Chattanooga, Tenn., a Corporation of Tennessee. Filed June 17, 1925. Serial No. 37,716. 16 Claims. (Cl. 220—9.)



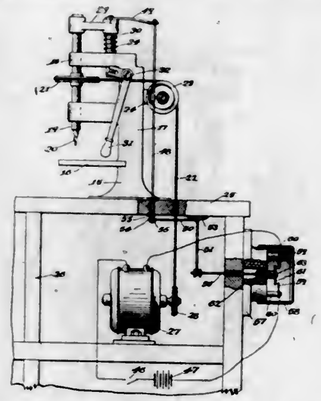
4. A refrigerator comprising a skeleton metal supporting frame; an interior food and ice container mounted in said frame; an insulating lining covering the back, sides, top and bottom of said container; an exterior casing mounted upon and enclosing said skeleton frame; and a wooden frame attached to the front of the said metal frame and having openings registering with the openings in the ice and food compartments.

1,574,570. APPARATUS FOR GUMMING LITHOGRAPHIC PRINTING SURFACES. BENJAMIN JOSEPH JOHN GOULDING, Altrincham, England, assignor to Linotype and Machinery Limited, London, England, a British Company. Filed July 11, 1924. Serial No. 725,322. 3 Claims. (Cl. 101—142.)



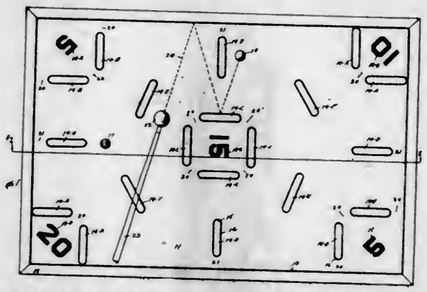
1. In a lithographic printing press, the combination with a plurality of plate cylinders of gumming apparatus appropriate to each plate cylinder comprising a gum-solution trough, a power operated roller adapted to receive gum solution therefrom and means adapted to bring the roller into and out of contact with a plate on the plate cylinder, and mechanism operative to bring such apparatus into and out of operation either individually or a plurality thereof collectively.

1,574,571. CIRCUIT CONTROLLER FOR LENS-DRILLING MACHINES. EVERETT E. GRAY, Los Angeles, Calif. Filed Oct. 21, 1922. Serial No. 595,999. 2 Claims. (Cl. 77—6.)



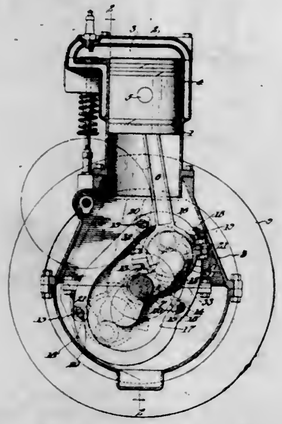
1. A lens drilling machine comprising a bench, a standard mounted upon the bench, spaced bearing arms extending horizontally from the standard, a drill shaft mounted vertically in the bearing arms and adapted to rotate and reciprocate and adapted to carry a drill, a carriage fixed upon the upper end of the shaft, a rod fixed to the carriage and reciprocating through the upper bearing arm, a spring upon the rod between the bearing arm and carriage, a hand lever pivoted to the standard and connected to the rod for reciprocating the drill shaft, a motor mounted under the bench, means to rotate the drill spindle from the motor, and means whereby the motor circuit is closed when the drill shaft moves towards work and open when the drill shaft moves away from work.

1,574,572. GAME. TRACY R. GROVE, Portland, Oreg. Filed Dec. 22, 1924. Serial No. 757,412. 1 Claim. (Cl. 273—118.)



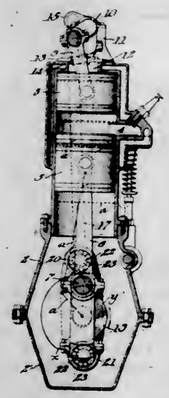
A game board having, in combination, a flat rectangular base having a wall formed about the perimeter thereof, said wall having a resilient inner face, with a plurality of fences mounted on said base within said wall, some of which fences forming narrow gated enclosures in the corner of said board, others forming a narrow gated enclosure in the center of said board, others forming side barriers between the corner enclosures near the outer edges of said board, and others forming barriers between the center and outer closures; a small ball adapted to pass through any of said gateways; a large ball incapable of passing through any of said gateways; a cue for driving both of said balls; and a resilient covering for said fences and barriers.

1,574,573. INTERNAL-COMBUSTION ENGINE. JACKSON TIPTON HALE, Fulton County, Ga., assignor of one-third to Christopher La Fayette Hardwick, Cleveland, Tenn. Filed Oct. 19, 1923. Serial No. 669,521. 7 Claims. (Cl. 74—20.)



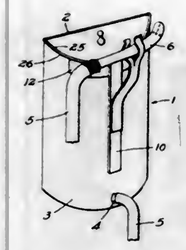
1. In combination, a cylinder, a piston, a crank shaft, a connecting rod affording a connection between said piston and crank shaft, a cam track mounted in predetermined relation to said crank shaft, means whereby said cam track may be augularly adjusted with respect to said crank shaft, and a cam follower carried by said connecting rod and affording a connection between said cam track and connecting rod whereby when said piston is at the limit of its upward stroke said crank shaft will have passed dead center.

1,574,574. INTERNAL-COMBUSTION ENGINE. JACKSON T. HALE, Fulton County, Ga., assignor of one-third to Christopher La Fayette Hardwick, Cleveland, Tenn. Filed Mar. 27, 1924. Serial No. 702,404. 2 Claims. (Cl. 123—78.)



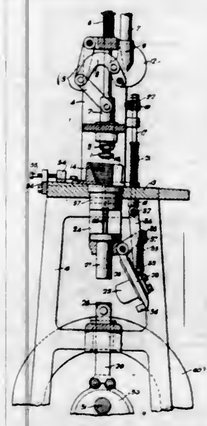
2. In an internal combustion engine, a power cylinder, a power piston working therein, a crank shaft and a connection between said piston and crank shaft, a compression piston arranged in said cylinder above said power piston and adapted to move in unison therewith throughout a portion of the power stroke, and to remain stationary during the remainder of said stroke, and means for imparting such movement to said compression piston including a cam carried by and revoluble with said crank shaft, a rock shaft mounted in bearings above the cylinder head, a connection between said rock shaft and compression piston, and a link connected to said rock shaft and provided with rollers engaging said cam at diametrically opposite points of its periphery, whereby a reciprocatory motion is imparted to said link and an oscillatory motion imparted through said link to said rock shaft.

1,574,575. SYRINGE-HOLDING CLIP. INEZ L. HARMON, Loma Linda, and STANLEY F. GIBBS, Glendale, Calif. Filed Feb. 19, 1925. Serial No. 10,298. 2 Claims. (Cl. 128—224.)



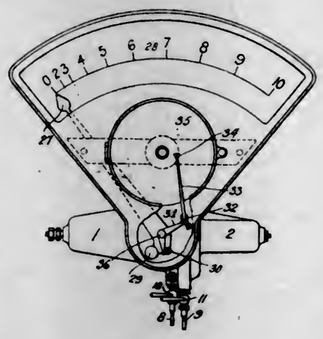
1. A syringe holding clip comprising a support adapted to hook over the rim of a container, and a clip member spaced from said support having a bifurcated upper end forming two spring sections curved oppositely to form a clip for holding a nozzle in horizontal position.

1,574,576. HEEL-BUILDING AND LIKE MACHINE. DAVID HILL, Burton-on-Trent, England, assignor to David Hill, Limited, Burton-on-Trent, England, a British Company. Filed Mar. 31, 1925. Serial No. 19,659. 22 Claims. (Cl. 12—42.)



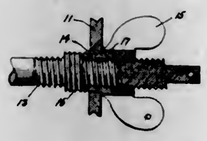
1. A heel building machine of the type herein referred to, having, in combination a hand lever by which compression of the heel lifts is effected, automatically acting nail driving mechanism, a device controlling said mechanism and intermediate means for actuation by said hand lever to render said controlling device active.

1,574,577. FLUID METER. JOHN LAWRENCE HODGSON, Eggington House, near Leighton Buzzard, England, assignor to George Kent, Limited, London, England. Filed Apr. 23, 1923. Serial No. 633,945. 2 Claims. (Cl. 73—110.)



1. An instrument for measuring the flow of a fluid by means of pressure differences comprising a casing, a flexible diaphragm separating the interior of the casing into two chambers, plates secured on opposite sides respectively of the central portion of the diaphragm, a tension spring connected to each plate, means whereby the springs are adjustably anchored to the casing, means for obtaining in the two chambers a pressure difference caused by the flow to be measured, a cradle carried by the casing and adapted to support the annular portion of the diaphragm between the casing and the plates, and means for indicating the movement of the diaphragm.

1,574,578. SELF-LOCKING SEAL NUT. CHARLES E. HOLMES, Lynn, Mass., assignor to General Electric Company, a Corporation of New York. Filed Apr. 19, 1924. Serial No. 707,740. 3 Claims. (Cl. 171—34.)



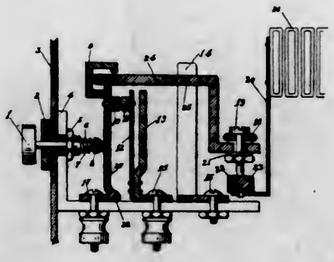
1. A casing, a cover therefor provided with an opening, a threaded bolt extending from said casing through the opening in said cover, and a seal nut on said bolt for holding said cover in place, said nut being provided with an integral bushing threaded on said bolt and in said opening and having a shoulder abutting against said cover.

1,574,579. SYRINGE. EDMUND A. JONES, West Medford, Mass. Filed Aug. 30, 1924. Serial No. 735,182. 7 Claims. (Cl. 128—218.)



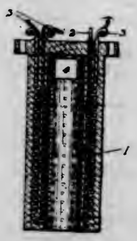
1. In a syringe, the combination of a rigid frame presenting a lateral opening, a guide adjacent its rear end and an abutment adjacent its front end, a tube having one end seated endwise against said abutment and removable laterally through said opening, a rearwardly movable retainer having a recess to receive the other end of said tube, said retainer being longitudinally slidable in said guide, and a plunger for expelling the contents f said tube, and for retracting said retainer to permit the insertion and removal of said tube.

1,574,580. ELECTRIC-CIRCUIT BREAKER. WILLIAM MAHLON REID KAY, Windsor, Ontario, Canada. Filed Oct. 17, 1924. Serial No. 744,225. 1 Claim. (Cl. 200—142.)



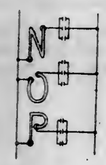
In a thermostatic circuit-breaker, a supporting base, a latching member pivoted on said base, a heat conductor in contact with a controlled device, a heat conducting receptacle fixed to said heat conductor, a fusible metal in said receptacle, an adjustable member mounted on said latching member and resting on the surface of said fusible member to hold latch in latched position, a fixed resilient contact, a pivoted contact cooperating therewith and held in closed circuit position by said latching member, so that on release of said latch, said pivoted contact is impelled toward open circuit position by said fixed resilient contact and held in said position by gravity, and a resetting push button for closing said contacts.

1,574,581. ELECTRIC WATER HEATER. WILLIAM MAHLON REID KAY, Windsor, Ontario, Canada. Filed Feb. 12, 1925. Serial No. 8,765. 4 Claims. (Cl. 219—44.)



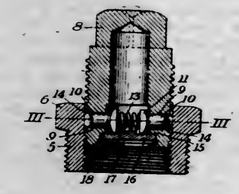
4. An electric heater, comprising a resistance element imbedded in a body of glass or porcelain, the base of said body being flanged with holes therein engaging with bolts, the ends of said element being brought out through the base of said body to provide connections, means for protection comprising a perforated sheet of copper imbedded in said body and protruding through said base to which is mounted a circuit-breaker, means for making a water tight connection between said body and said casing comprising a rubber washer and means for mounting said body to casing through holes in flanged base of said body comprising nuts and bolts.

1,574,582. ELECTRIC SIGN. CARL KERN, Berlin-Tempelhof, Germany, assignor to General Electric Company, a Corporation of New York. Filed Nov. 28, 1923. Serial No. 677,555. 2 Claims. (Cl. 176—14.)



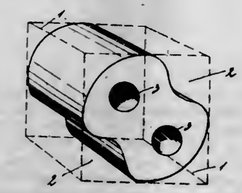
1. A unit for an electric sign comprising in combination a discharge tube, a supporting plate behind said tube, electrode terminals for said discharge tube projecting through said plate and secured to the rear of the plate and electric condenser means mounted on the rear of said plate and connected in circuit with said tube.

1,574,583. FORCE-FEED LUBRICATOR. FREDERICK K. LANDGRAF, Crafton, Pa., assignor to Flannery Bolt Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Jan. 31, 1924. Serial No. 689,678. 5 Claims. (Cl. 184—48.)



1. A force-feed lubricator, comprising a holder having a screw-threaded bore, a screw-threaded plug mounted in said holder and formed with an interior recess intersected by two diametrically opposite openings in the wall of said plug, and friction means for preventing unintentional rotation of said plug, comprising a pair of plungers working in said openings, and a spring interposed between the inner ends of said plungers and tending to force them outwardly, said plungers having having their outer ends shaped for cooperation with diametrically opposite grooves formed in the inner wall of said holder and extending parallel to the axis thereof, substantially as described.

1,574,584. FILLER. WILHELM LINDNER, Dresden, Germany. Filed Apr. 1, 1924. Serial No. 703,569. 1 Claim. (Cl. 72—15.5.)



A refractory filler element of the type adapted to be promiscuously thrown into heat accumulators, consisting of a substantially cylindrical body, the cross section of which resembles a figure 8.

1,574,585. JAW FOR ENGRAVERS' CLAMPS. CHARLES EDWARD LINNIG, Peru, Ill. Filed Jan. 2, 1923. Serial No. 610,203. 1 Claim. (Cl. 81—4.)



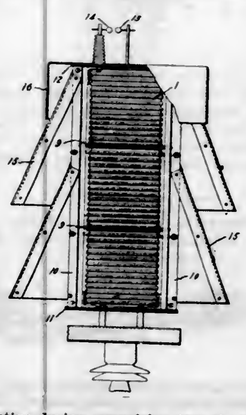
In holding jaws for engravers' clamps, a body part having an aperture, a plurality of projections integral with said body part, the inner side of which projections slant toward each other, a pin slidably mounted in said aperture, a plate adjacent to said projections fastened to said pin, in combination with a lifting member, having an inclined face slidably mounted in said body part, a suitable notch in said lifting member and a suitably shaped thumb screw connected to said lifting member and mounted in said body part.

1,574,586. BUILDING CONSTRUCTION. JAMES F. LOUCKS, Cleveland, and HARRY GILLETT, Gates Mills, Ohio, assignors to Holorib, Incorporated, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 16, 1924. Serial No. 686,493. 10 Claims. (Cl. 108—6.)



1. A sheet-metal foundation for roofs and floors having a substantially continuous load-carrying surface and a plurality of spaced hollow triangular ribs projecting from the opposite surface, said ribs each having a depth in excess of the width of the base thereof.

1,574,587. PROTECTIVE DEVICE. NORMAN A. LOUGEE, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Feb. 7, 1918, Serial No. 215,796. Renewed Nov. 24, 1923. 17 Claims. (Cl. 115—30.)

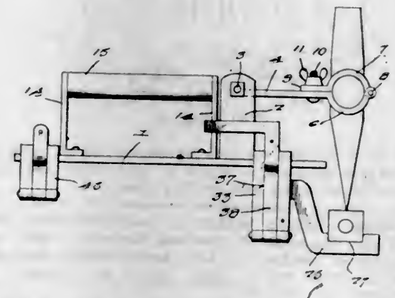


2. A protective device comprising two electrodes, means for spacing the same apart and insulating them from one another, one of said electrodes having a conductive contact surface designed to make electrical contact with a

suitable support and the other of said electrodes having a conductive contact surface designed to support and make electrical contact with a similar mechanically independent device, and material between said electrodes of low electrical resistance, said material being adapted to be converted into material of high electrical resistance by the passage of an electric discharge therethrough.

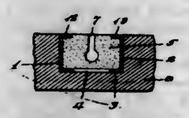
15. In a device of the character described, a series of protective units arranged in a pile and means for protecting said units from the weather comprising a series of spaced overlapping petticoat members surrounding said pile of units.

1,574,588. CHISEL HOLDER. JOHN J. MACEK, Jr., Chadron, Nebr. Filed May 6, 1925. Serial No. 28,342. 1 Claim. (Cl. 81—13.)



In a structure of the class described, a plate, a pair of adjustable members mounted on the plate and having depending portions, one of said depending portions being slotted vertically, a bowed member hingedly mounted in the slot, a spring for normally holding the bowed member extended inwardly of the slot, the other depending portion provided with a pair of apertured ears, a pin extending through the apertured ears, an arm slidably and rotatably mounted on the pin and provided with a recess for engaging the nut, and a spring on the pin for engaging the arm to hold it in a raised position for engaging the under side of the nut, and clamping means pivotally engaged with the plate for holding a chisel in engagement with the nut supported in the arm.

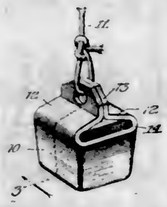
1,574,589. PROCESS OF MANUFACTURING RUNNER BRICKS. WALTHER MALZACHER, Traisen, Austria. Original application filed Jan. 12, 1923, Serial No. 612,362. Divided and this application filed Oct. 4, 1924. Serial No. 741,652. 1 Claim. (Cl. 22—134.)



A process for manufacturing runner bricks consisting in mounting cores for the passages in a rigid metal frame open at at least two faces, filling such frame with moulding material and removing the cores through the open faces of the frames.

1,574,590. CHALK HOLDER. GEORGE F. MILLER, Chicago, Ill. Filed Mar. 10, 1924. Serial No. 698,158. 6 Claims. (Cl. 273—17.)

1. A chalk-holder, formed of a casing-forming portion open at its opposite ends and adapted for the insertion therein of the piece of chalk through one of its open ends, stop-means at its other end for engagement by one end of the chalk, and stop-forming means at the end of



the casing through which the chalk is introduced therein formed of portions having flatwise-opposed extensions angularly disposed relative to said portions.

1,574,591. MULTIPLE-FILM-GUIDE MOUNTING. ALBERT L. ADATTE, North Plainfield, N. J., assignor to Pathe Exchange, Inc., Jersey City, N. J., a Corporation of New York. Filed May 6, 1925. Serial No. 28,445. 3 Claims. (Cl. 95—94.)



1. A film guide mounting, comprising a shaft and a hub slidably and non-rotatably mounted thereon, the bore of the hub being disposed longitudinally in a diagonal direction with regard to the axis of the hub, said hub adapted to rotatably support a film guide.

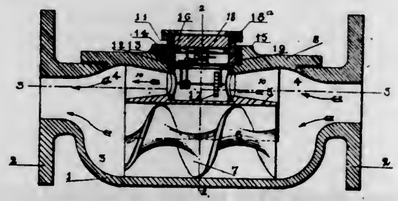
1,574,592. FELT FOR USE ON THE DRYING PORTION OF PAPER AND PASTEBOARD MACHINES. EDUARD V. ASTEN, Eupen, Belgium. Filed Apr. 30, 1924. Serial No. 710,187. 1 Claim. (Cl. 139—420.)

A drier felt having a surface section made up of threads, each having an inner strengthening core of vegetable textile fiber and an outer dense envelope of asbestos fibers, the asbestos fibers providing an envelope for the core to protect the same, whereby to provide a drier felt which is of requisite tensile strength, of heat resistive quality, and of maximum absorptive function.

1,574,593. WET FELT FOR THE PAPER AND PULP INDUSTRY. EDUARD V. ASTEN, Eupen, Belgium. Filed Apr. 30, 1924. Serial No. 710,188. 2 Claims. (Cl. 139—420.)

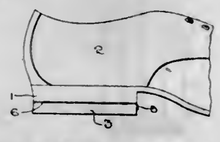
2. A wet felt made up of threads, each consisting of a core of worsted yarn with an envelope of roving of wool covering the same, and fulled to provide an interlocking of the fibres of the envelope as a loose permeable felt about and while maintaining the full strength of the core, whereby to form a water permeable wet-felt of requisite tensile strength.

1,574,594. WATER METER. ANTOINE JOSEPH ASTIER, Colombes, France. Filed July 12, 1920. Serial No. 395,809. 2 Claims. (Cl. 73—68.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



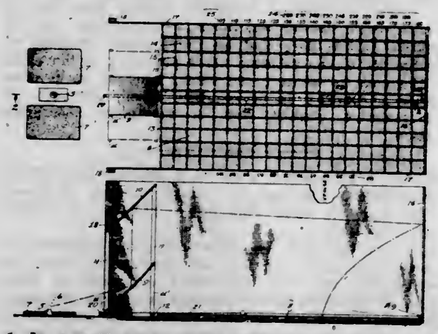
1. In a fluid meter, a body having a pass therethrough for the flow of fluid and also having a second pass parallel with the first named pass and provided with walls forming a cylindrical chamber intermediate the ends of said second pass, an Archimedean screw arranged in the first named pass, a cylindrical casing arranged and mounted for turning movement in said chamber of the second pass and having a wall provided with openings which by the turning of said casing may be caused to register with the second pass or to be moved out of communication therewith to cut off the flow of fluid through said second pass and fluid operated measuring means mounted in said casings.

1,574,595. HEEL OF FOOTWEAR. PERCY WALTER BANKS and ALFRED NORRIS BURT, Wellington, New Zealand, assignors to Detachable Heels Limited, Wellington, New Zealand, a Company of New Zealand. Filed Oct. 10, 1924. Serial No. 742,917. 3 Claims. (Cl. 36—42.)



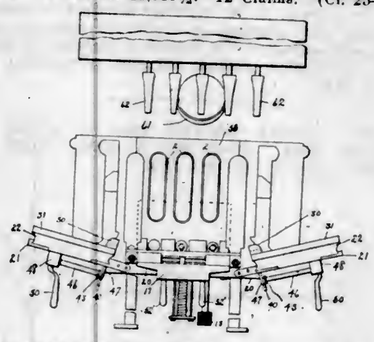
1. A heel for footwear, comprising, a fixed and a detachable heel portion, a plate having a V shaped opening secured to one portion, a V shaped plate with offset edges fixed to the other portion, the edges forming a locking flange for the edges of the V shaped opening of the first said plate, the V shaped portions of each plate extending to the inner edges of the respective heel portion.

1,574,596. GOLF APPARATUS. EDWARD L. BARNETT, New York, N. Y. Filed Dec. 19, 1924. Serial No. 756,978. 6 Claims. (Cl. 273—35.)



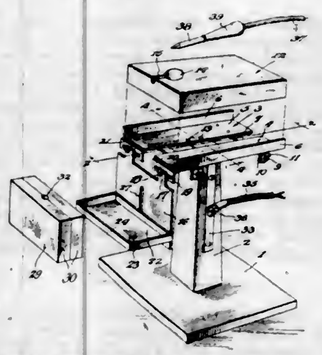
1. In a golf apparatus, a field divided into spaces having predetermined values into which a ball is adapted to be projected, means for retarding the flight of said ball, said means comprising oppositely facing deflecting and retarding plates with which the ball contacts in its flight to said field.

1,574,597. MACHINE FOR FORMING CEMENT BLOCKS. JOE BOCCHINO, Utica, N. Y. Filed Aug. 7, 1925. Serial No. 48,839½. 12 Claims. (Cl. 25—41.)



1. In a machine for forming cement blocks, receding means for moulding a recess in said block, and rock means for actuating said receding means.

1,574,598. METAL MELTING AND POURING DEVICE. WILLIAM M. BOWLES, Shawnee, Okla., assignor of one-half to Mrs. Sarah Moses, Shawnee, Okla. Filed Oct. 9, 1924. Serial No. 742,665. 4 Claims. (Cl. 22—79.)



1. A device for melting and pouring metal comprising a supporting standard, a crucible block removably held thereon and having a metal receiving concavity and a pouring channel leading therefrom, and a mold support freely swingingly suspended in position to support a mold to receive molten metal delivered from the channel, when the standard is tilted.

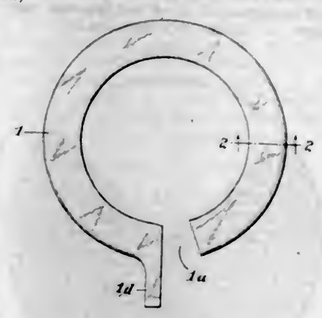
1,574,599. CIGAR AND CIGARETTE LIGHT EXTINGUISHER. WALTER W. BRISCOE, Staunton, Va. Filed Oct. 26, 1923. Serial No. 671,007. 3 Claims. (Cl. 131—51.)



1. In a cigar and cigarette light-extinguisher the combination with a substantially conical body portion pri-

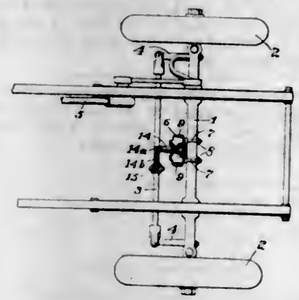
marily open at both ends, of a pointed fire-spreader projecting through the opening at the smaller end of the structure in frictional contact with the inner walls thereof.

1,574,600. CORE OR MANDREL. FERDINAND F. BAUCKER, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed July 17, 1925. Serial No. 44,321. 1 Claim. (Cl. 18—45.)



A core or mandrel for forming inner tubes for pneumatic tires comprising a circular disc-like member in the form of a relatively thin flat interrupted ring having parallel side walls and rounded edges.

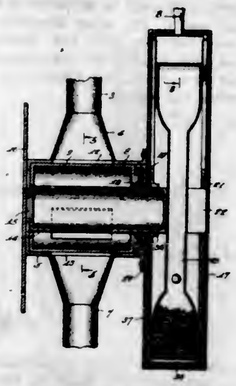
1,574,601. STEERING-GEAR CHECK. JAMES W. BRUNDAGE, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Jan. 10, 1925. Serial No. 1,629. 5 Claims. (Cl. 280—90.)



1. In a device for checking the movement between two elements which are movable one with respect to the other, a cylinder affixed to one of said elements, a pair of connected pistons therein having their acting faces equidistantly spaced from the cylinder heads when in neutral position, there being restricted bypass ports for fluid between the opposite ends of the cylinder, and relatively large bypass ports in the cylinder wall which are closed by the piston when in neutral position, and uncovered by movement of the piston in either direction whereby resistance to the piston movement is removed, and an actuator operatively connecting said piston to the other element.

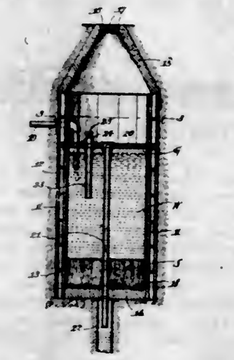
1,574,602. TOILET-FLUSHING DEVICE. FREDERICK ALBERT BURKHARD, New York, N. Y. Filed Mar. 25, 1925. Serial No. 18,238. 5 Claims. (Cl. 137—93.)

4. In a toilet flushing device, a valve, automatic means for closing said valve, manually actuated means for shifting the automatic means for opening the valve, said automatic means including a tubular member connected to the rotating part of a valve so as to rotate



therewith, and granular matter arranged in the tubular member adapted to flow from one end of the tubular member to the other as the tubular member is inverted.

1,574,603. CESSPOOL. WILLIAM THOMAS BURTIS, Glen Head, N. Y. Filed Oct. 3, 1924. Serial No. 741,507. 1 Claim. (Cl. 210—6.)

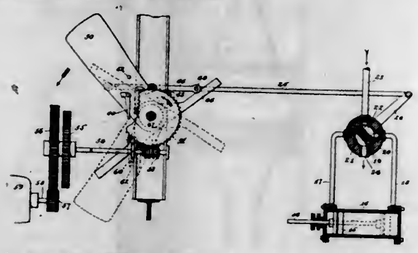


A final disposal tank for the contents of cesspools including an approximately cylindrical receptacle into which said contents are adapted to be discharged, said receptacle having its side walls constructed of vertical rows of communicating hollow blocks, the rows of blocks defining V shaped vertical drain channels at the junction of the rows, the rows also including internal vertical drain channels open at their ends to the soil and communicating thru lateral openings with the V shaped drain channels, and means for drawing off water from the tank including pipes communicating with the internal channels.

1,574,604. AUTOMATIC SHIFTER. WILLIAM T. CHAMBERLAIN, New York, N. Y. Original application filed May 31, 1924, Serial No. 717,077. Divided and this application filed Apr. 23, 1925. Serial No. 25,334. 5 Claims. (Cl. 137—139.)

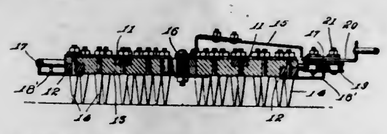
1. An automatic shifter adapted to throw a valve, comprising a support, a valve-throwing crank arm on the support, a shaft on the support, a bar fixed between its ends to the shaft and adapted at its ends to engage the crank arm, a weighted arm fixed to the shaft, a pair of worm wheels loose on the shaft and at opposite sides of the weighted arm, means for turning said worm

wheels in opposite directions, lugs on the worm wheels, ratchet means on opposite sides of the weighted arm whereby the arm is caused to move in one direction by one worm wheel and in the other direction by the other worm wheel, and whereby said arm when the bar engages the crank arm falls of its own weight to quickly move the crank arm from one position to another and to quickly reverse the valve.



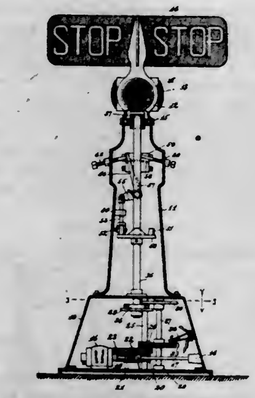
4. A valve shifter, including a support, a shaft on the support, a weighted arm fixed to the shaft, means for transmitting motion to the arm to turn said shaft in opposite directions, the arm being adapted for release from its operating means whereby the arm may fall by gravity and complete the movement of the shaft, said release occurring at a predetermined time in both directions of movement.

1,574,605. DRAG. FRANK CHARTIER, Duluth, Minn. Filed Feb. 25, 1925. Serial No. 11,581. 3 Claims. (Cl. 55—13.)



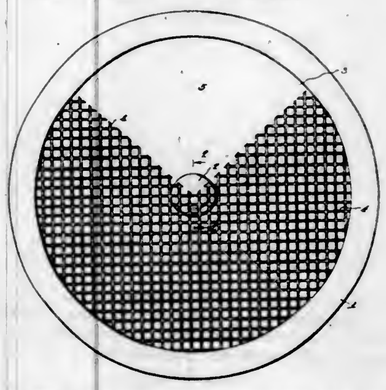
1. A circular drag comprising a pair of hingedly connected sections, teeth depending from each section, a circular guard rail surrounding the drag and spaced therefrom, and including pivotally connected sections, means for supporting the rail on the drag, and a draft bar having one end pivoted centrally of the drag.

1,574,606. MEANS FOR AUTOMATICALLY CONTROLLING TRAFIC. HARRY COOKE, Jr., Garfield, N. J. Filed July 2, 1924. Serial No. 723,766. 6 Claims. (Cl. 177—329.)



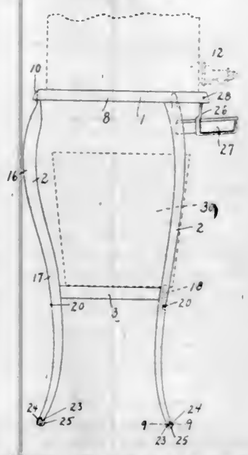
1. A traffic regulating apparatus comprising distinctive visual signals, driven mechanism connected to the signals and operable to intermittently move the signals to display them in alternate directions, continuously operating means for operating the driven mechanism to intermittently move the signals, control mechanism operatively connected between the driven mechanism and the continuously operating means for speeding up the continuously operating means during the time the signals are being moved and for slowing down the continuously operating means when said signals are at rest.

1,574,607. HEADLIGHT LENS. GEORGE EUSTIS CORCORAN, Washington, D. C. Filed May 14, 1925. Serial No. 30,287. 1 Claim. (Cl. 240—48.4.)



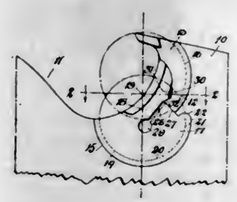
A headlight lens composed of clear plane glass, having on a face and throughout approximately three-quarters of the surface of the lens parallel crossed bands separated from each other, leaving clear and non-diffusing areas between them, said bands being translucent and formed by etching, the other portion of the lens being clear and located at the upper portion of the lens and extending from the center of the lens to the periphery thereof and increasing in width from the center of the lens to the periphery thereof.

1,574,608. STAND FOR WATER COOLERS. HENRY G. CORDLEY, Glen Ridge, N. J., and GEORGE R. LONG, Waterbury, Conn. Filed Feb. 7, 1924. Serial No. 691,244. 4 Claims. (Cl. 248—41.)



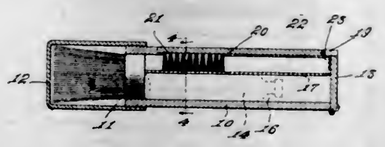
4. In a knockdown stand for water coolers, a top formed of a sheet metal disk having its edge so formed as to provide a peripheral groove having walls extending from its upper face upward above the plane of the upper face of the disk, having its outer wall so formed as to provide at points equally spaced apart an outwardly extending recess, and having its inner wall so formed as to provide an outwardly extending ridge opposite each of said recesses, supporting legs each formed of a single strip of metal U-shaped in cross section and provided at its upper end with a flattened portion adapted to fit the inner wall of said groove and carrying an outwardly extending ridge adapted to fit a recess and also provided at its end with a lip adapted to engage the lug opposite the recess, and a brace formed of a single strip of metal having projecting portions corresponding in number to the legs each adapted to fit within the sides of the groove of the legs, the upper portions of the legs being curved outward from their upper ends, their mid portions curved inward to receive the projecting portions of the brace and their lower portions being curved outward and terminating in supporting feet.

1,574,609. INSERTABLE SAW TOOTH AND HOLDER THEREFOR. ALFRED MAXWELL CURRIER, Aberdeen, Wash. Filed Aug. 27, 1924. Serial No. 734,528. 1 Claim. (Cl. 143—151.)



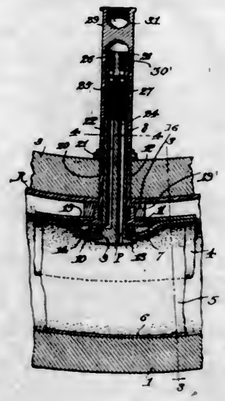
A saw including a blade, insertable teeth seated in said blade, and tooth holders for the teeth, each holder comprising an anchoring portion seated in the blade and against which the inner end of the tooth is adapted to seat, said anchoring portion including a rounded protuberance seated in a correspondingly shaped pocket in the blade, and a shoulder abutting the blade and offering a seat for the tooth, each holder also including a blocking strut portion disposed to bear against the front of that tooth in the rear thereof, each tooth presenting surfaces at the front thereof at an angle to each other, and the strut portion of the holder presenting surfaces at angles to each other, and opposed to the said surfaces of the tooth, said strut contacting with the tooth at separate places at the respective angular surfaces of the tooth.

1,574,610. COMBINED SHAVING AND TOOTH BRUSH. HARRY D. DELANEY, Memphis, Tex. Filed Mar. 14, 1925. Serial No. 15,579. 4 Claims. (Cl. 132—84.)



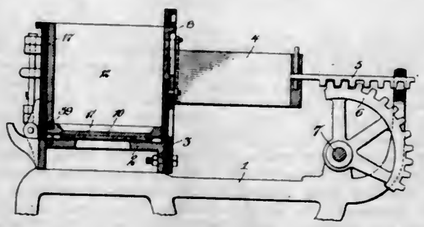
1. In combination, a shaving brush including a handle, having a longitudinal groove and an opening at one end of the groove, a tooth brush including a handle pivoted within said groove and adapted to normally lie flush with the outer surface of the handle, or projected beyond one end of the handle for use, said opening being adapted to receive the bristles of said brush when the latter is in its folded position.

1,574,611. AUTOMOBILE TIRE. ANTHONY F. DEMBEK, Brooklyn, N. Y. Filed Dec. 23, 1924. Serial No. 757,710. 2 Claims. (Cl. 152—22.)



1. In a tire structure, a plurality of inflatable inner tubes adapted to fit within a tire casing, a valve stem attached to and supported by the walls of said inner tubes, a packing element carried by the wall of one of said inner tubes and through which the valve stem slidably extends, said valve stem having separate passages therein which communicate respectively with the interiors of the inner tubes, and a check valve in each of said passages whereby to inflate and deflate said inner tubes.

1,574,612. CEMENT-BLOCK MOLD BOX. ROBERT ANANIAS EATON, Haddon Heights, N. J. Filed May 23, 1924. Serial No. 715,310. 4 Claims. (Cl. 25—41.)

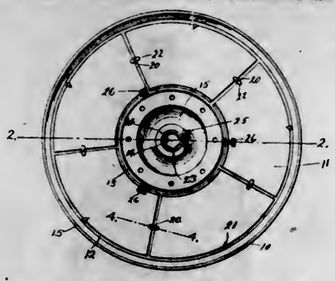


1. In a concrete block mold box, fixed bottom and rear walls, a multicompartment mold member mounted on the bottom wall, a plurality of vertically extending spaced partition plates forming said mold member, said plates being arranged in pairs with their adjacent edges slightly spaced to form a longitudinal slot between the pairs, a partition plate adapted to be disposed in said slot to divide the multicompartment member into two groups of compartments, a false bottom adapted to rest on the bottom plate, and a front wall pivoted to the bottom plate to which said false bottom is attached, the front wall and the false bottom being rotatable to move the false bottom out of the compartment with the blocks thereon.

1,574,613. LAMP SHADE. HARRY FIRMAN, Woodhaven, N. Y. Filed Apr. 25, 1923. Serial No. 634,564. 1 Claim. (Cl. 240—108.)

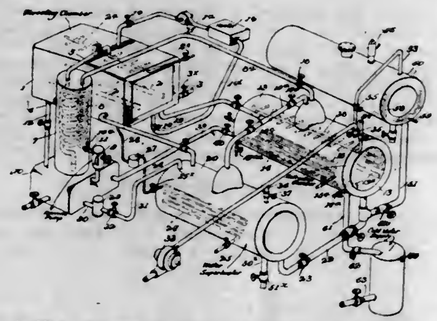
A lamp shade comprising a frame formed of an annular inclined rim, an annular rim of a larger diameter having an upturned flange disposed below said annular

inclined rim, radial extending downwardly inclined members connecting said rims, translucent panels of curved trapezoidal pattern supported by said rims and having



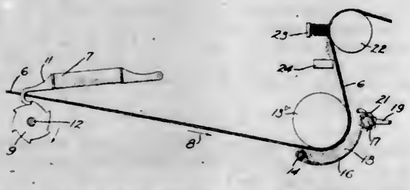
their meeting edges overlying said members, and bendable clips carried by said members for engagement with the meeting edges of said panels.

1574,614. PROCESS FOR RECOVERING BY-PRODUCTS FROM PLANT SUBSTANCES AND THE LIKE. FREDERICK K. FISH, Jr., New York, N. Y. Filed Jan. 2, 1920. Serial No. 348,725. 13 Claims. (Cl. 203—6.)



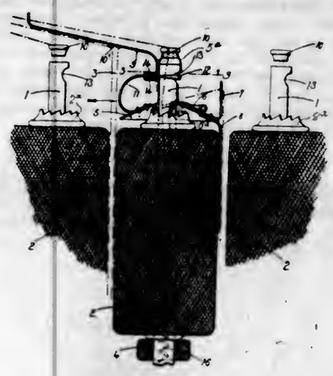
1. The process of removing volatile and other extractives from a resinous solid plant substance, consisting in subjecting the substance to water at a temperature above its normal boiling point, with said water charged with all volatile extractives from a resinous wood resulting from a previous treatment of such wood with superheated water, the said water being further enriched and charged with volatile extractives removed or liberated from the substances during the progress of the treatment, to thereby remove constituent material from the substance being treated, removing the charged water, and thereafter separating the contained extractives from such charged water.

1,574,615. ROOFING MATERIAL. CORNELIUS S. FLEMING, Berkeley, Calif., assignor to The Paraffine Companies, Inc., San Francisco, Calif., a Corporation of Delaware. Filed Nov. 28, 1921. Serial No. 518,281. 1 Claim. (Cl. 91—68.)



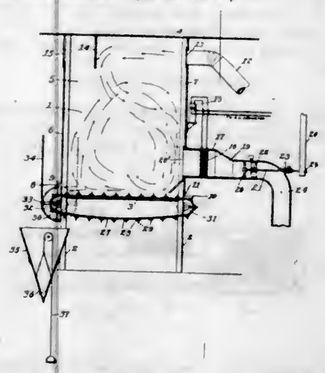
A roofing having a base of fibrous material, a coat of bituminous material on the fibrous material, a surface coating of finely flaked metallic particles adhesively retained by the bituminous coat in overlapping relation, in a manner characterized by the sprinkling of said particles on the bituminous coat when the bituminous coat is in a softened heated condition.

1,574,616. BOBBIN CARRIER FOR LACE-BRAIDING MACHINES. HENRI FONTY, Paris, France, assignor to Société Anonyme des Etablissements Lefaive, Jean Jacques Knecht, Paris, France. Filed Nov. 9, 1925. Serial No. 67,954. 4 Claims. (Cl. 96—14.)



1. In combination in bobbin carriers for braiding machines, a stationary spindle provided with a notch, a cap arranged on the spindle and having a tubular portion engaging the spindle and provided with a slot opposite said notch, a leaf spring connected to said cap and having a yoke-shaped part embracing the tubular portion of the cap and provided with jaws to engage the notch for holding the cap upon the spindle, a thread bobbin loosely mounted on the spindle and provided with a ratchet disc, thread guides supported by the cap and its tubular portion, and a pawl mounted on the cap and engaging the ratchet disk.

1,574,617. METHOD OF DEODORIZING HAIR, FEATHERS, AND THE LIKE AND PRODUCT THEREOF. ALFRED HUGH GALLAGHER, Chicago, Ill., assignor to Tanners Products Company, Chicago, Ill., a Corporation of Delaware. Filed May 24, 1924. Serial No. 715,764. 12 Claims. (Cl. 167—3.)



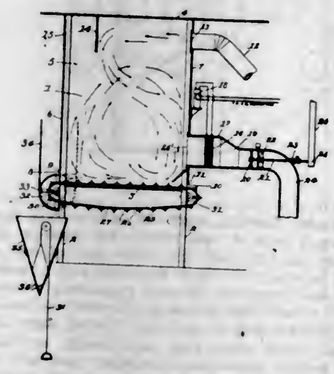
1. The method of deodorizing animal tissues such as hair, feathers and the like, which comprises treating the material with ozone.

3. The method of treating animal tissues such as hair, feathers and the like which comprises subjecting the material to the action of ozone while the material is in

motion, to establish intimate contact between the material and the ozone, whereby the material will be deodorized and its resilient quality retained.

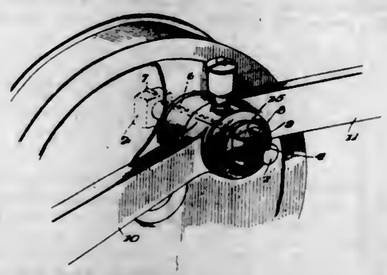
10. A resilient hair product having its odorous quality removed by the treatment with ozone and its resilient quality retained, whereby the product is deodorized and has yielding properties.

1,574,618. TREATING APPARATUS. ALFRED HUGH GALLAGHER, Chicago, Ill., assignor to Tanners Products Company, Chicago, Ill., a Corporation of Delaware. Original application filed May 24, 1924, Serial No. 715,764. Divided and this application filed May 29, 1925. Serial No. 33,769. 11 Claims. (Cl. 19—66.)



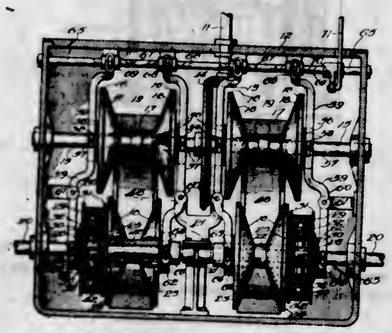
1. In a treating apparatus, the combination of a chamber, means for delivering material to be treated in a current of gas to the upper portion of the chamber, means arranged below the material delivering means for causing the material to circulate in the chamber, and means for delivering a gas in the path of the circulating material.

1,574,619. NUT LOCK. FELIX A. GIBSON, Martin County, Fla. Filed May 23, 1923. Serial No. 640,943. 1 Claim. (Cl. 151—8.)



A nut lock comprising a bolt having a screw threaded shank portion provided with a head, said bolt having a groove extending longitudinally thereof and being merged at one of its ends into an opening extending through said head, and a rod-like locking element made of a flexible material, said locking element being partially disposed in said groove and extending through said opening to project beyond the upper face of said head, the projecting end portion of the locking element being bent laterally into engagement with the face of the head and then longitudinally and against a side face of the head and the end portion of the locking element remote from the head being adapted to be bent laterally into engagement with a nut on the shank of the bolt, said second named end portion of the locking element being of sufficient length to extend laterally beyond a side face of the nut and to then have the terminal portion thereof bent inwardly against said face of the nut.

1,574,620. DIFFERENTIAL TRANSMISSION MECHANISM. CHARLES H. GILL, Chicago, Ill., assignor to The Autodrive Company, a Corporation of Delaware. Filed Mar. 16, 1925. Serial No. 15,952. 29 Claims. (Cl. 74—26.)



1. In transmission mechanism, the combination of a driving shaft, two driven shafts axially aligned with each other, a ring encircling and suspended from said driving shaft and one of said driven shafts in frictional driven engagement with said driving shaft and in frictional driving engagement with said one driven shaft, and a second ring encircling and suspended from the said driving shaft and the other of said driven shafts in frictional driven engagement with said driving shaft and in frictional driving engagement with said other driven shaft.

1,574,621. GRAVE MARKER. PERCY JOHN GOOD, Camden, Me. Filed May 2, 1925. Serial No. 27,611. 4 Claims. (Cl. 40—124.5.)

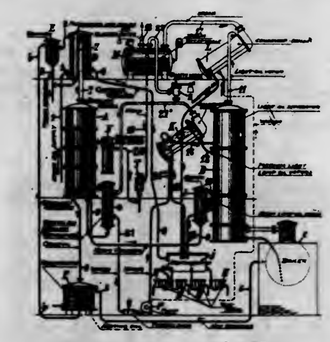


4. In a marker of the character described, a hollow housing open at one end and having opaque waterproof walls, means for supporting said housing, a plate adapted to be received flatwise in said housing adjacent to the open end thereof, said plate having a relatively large aperture, a transparent panel covering said aperture, means for retaining said plate substantially flatwise in said housing adjacent to the open end of the housing, and means for retaining a record card flatwise against the inner face of said transparent panel.

1,574,622. PROCESS OF DISTILLING VOLATILE PRODUCTS. LOUIS GRANGER, CHARLES MARILLER, and CHARLES PRACHE, Paris, France. Filed Jan. 9, 1920. Serial No. 350,354. 1 Claim. (Cl. 196—94.)

The method of distilling crude mineral oil consisting in vaporising the oil, condensing the vapors in evaporators with rapid circulation of water to ensure opera-

tion with small temperature drop, vaporizing water in said evaporators by absorbing the latent heat of the condensed products to produce steam at a temperature



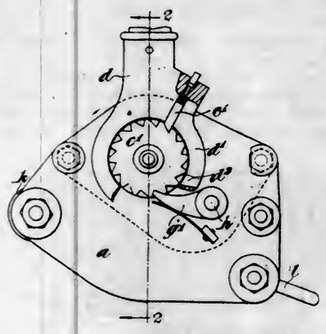
only slightly less than the condensed vapors and at a high pressure and using said steam in the heating of said oil and for the production of power.

1,574,623. SIGNAL CANE. LOUIS GRAU, Brooklyn, N. Y. Filed Apr. 2, 1925. Serial No. 20,256. 2 Claims. (Cl. 240—6.4.)



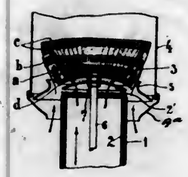
1. A signal cane, comprising a cane body provided with a grip and divided into two parts near the grip, a member secured to one part formed with a threaded portion adapted to be screwed into the other part for firmly connecting said parts together, said parts at the point of contact being provided with a pair of metallic ferrules, a button operated contact co-acing with said member, said contact being electrically connected with one of said ferrules, a lamp adjacent the end of the cane opposite the grip, a conductor connected with the other of said ferrules and with one side of said lamp and a battery arranged in said body, a conductor connecting one side of said battery with the other side of said lamp, and means for connecting said battery with said member having the threaded portion whereby when said button is operated for actuating said contact the circuit of said lamp will be closed.

1,574,624. TIMBER-DRAWING APPLIANCE. THOMAS GREAVES, WILLIAM HENRY DARBOURNE, and VINCENT WARNER, Mansfield, England, assignors to The Littlejack Engineering Co. Limited, Mansfield, England, a Company registered under the laws of Great Britain. Filed Nov. 28, 1923. Serial No. 677,475. 3 Claims. (Cl. 254—176.)



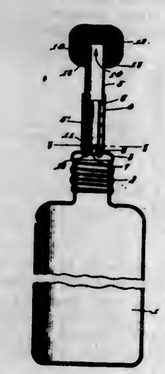
1. A timber drawing appliance of the class described, comprising a pair of side plates, an inwardly directed supporting member upon the inner side of one of said plates, a bearing plate upon the outer side of said plate, a main shaft mounted in said supporting member and the other of said side plates, a counter-shaft mounted in said supporting member and said bearing plate, an anti-slip chain drum upon said main shaft, an interiorly toothed hollow cylindrical extension upon one side of said chain drum, a pinion barrel upon said countershaft provided with teeth for meshing with the teeth of said hollow extension, ratchet teeth upon one side of said pinion barrel, a spring-pressed stop pawl for engaging said ratchet teeth, an operating handle having a recessed strap surrounding said ratchet teeth, and an actuating pawl carried by said strap for engaging said ratchet teeth for rotating said pinion barrel and said chain drum for winding said chain.

1,574,625. HYDROCARBON BURNER. GEORGES EDOUARD GRIMMEISEN, Paris, France. Filed Oct. 24, 1922. Serial No. 596,681. 3 Claims. (Cl. 158—94.)



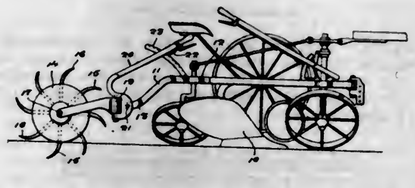
3. A hydrocarbon burner comprising inner and outer wick tubes, a tubular wick arranged between the wick tubes, the said inner wick tube being also a conduit for air, a cracking plate arranged above and heated by the flame of the wick to disassociate the hydrocarburets and provided with an opening therethrough for the passage of air and such disassociated hydrocarburets, and a diffuser plate arranged above and in spaced relation to the cracking plate and providing a mixing chamber there between, supporting means for the cracking plate and diffuser and including means to permit the relative adjustment of the cracking plate and diffuser towards and from each other to vary the width of the space between them as required.

1,574,626. POLISH-APPLYING DEVICE. OTTO E. HACKMAN, Fort Wayne, Ind. Filed May 6, 1925. Serial No. 28,468. 1 Claim. (Cl. 15—139.)



A polish applying device, comprising a container, a cap for closing the same, a tubular extension on the cap, a tubular member having a portion passing through the extension and through a hole in the cap, the lower part of the member being reduced to form a space between itself and the extension, a coiled spring in said space bearing against the shoulder formed between the reduced part and the large part of the member for holding the member in its outermost position, a plug closing the lower end of the reduced portion, said portion having holes therein above the plug, a swab connected with the outer end of the tubular member by tongues punched from the tubular member which form openings for permitting liquid in the member to saturate the swab.

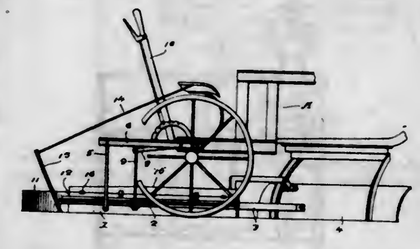
1,574,627. ATTACHMENT FOR PLOWS. JOHN W. HAINES, Chanute, Kans. Filed Aug. 25, 1922. Serial No. 584,312. 1 Claim. (Cl. 97—6.)



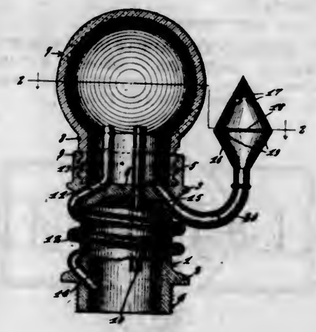
The combination with an agricultural machine, of a rearwardly and downwardly disposed arm rigidly secured to the machine, an adjusting lever mounted upon the outer end of said arm for vertical pivotal movement, vertically spaced bearing arms included in said lever, a fork mounted for horizontal pivotal movement between said bearing arms, a rotary member mounted in said fork, a plurality of penetrating elements extending from the rotary member, an upwardly and rearwardly curved toothed arm extending from the rigid arm in the path of the lever and means carried by the arm to engage the tooth of the lever and hold the latter in adjusted position.

1,574,628. ROAD-GRADER ATTACHMENT. JOSEPH HALDA, Purcell, Kans. Filed June 18, 1924. Serial No. 720,855. 1 Claim. (Cl. 37—155.)

A device of the character described including a scraper blade, supporting means for said blades, means carried by the support whereby to raise and lower said blade and a longitudinal strip hingedly connected to the upper edge of said blade and adapted to be inoperatively disposed against the outer face of the blade and adapted to be moved to rest upon the upper edge of the blade for increasing the height of the same.



1,574,629. VAPOR CONDENSER FOR AUTOMOBILE RADIATORS. KURT W. E. HAMANN, Trumbull, Conn. Filed Feb. 4, 1925. Serial No. 6,804. 3 Claims. (Cl. 257—25.)

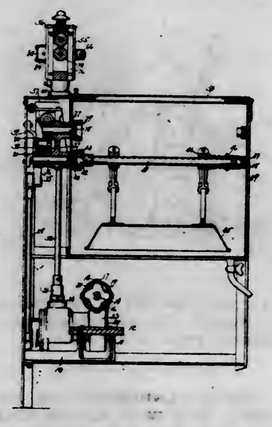


1. A condenser device of the type described, comprising a tubular body member having one end threaded for insertion into the filling opening of an automobile radiator, and further having a partition formed upon the interior thereof to divide the same into an upper and lower compartment, means to provide a condensing chamber threadably secured in said upper compartment, a vapor tube extending through said partition for the admission of vapor to said condensing chamber from the radiator, an auxiliary condenser tube having one end extended through said partition in the said chamber and having its other end opening downwardly into said radiator opening to convey condensed liquid back into said radiator from said chamber and further acting to condense any vapor not condensed in said chamber, and an air relief device leading from the lower portion of said chamber and opening into the atmosphere.

1,574,630. WASHING MACHINE. FREDERICK A. HART, New Britain, Conn. Filed Jan. 20, 1921. Serial No. 438,782. 2 Claims. (Cl. 68—19.)

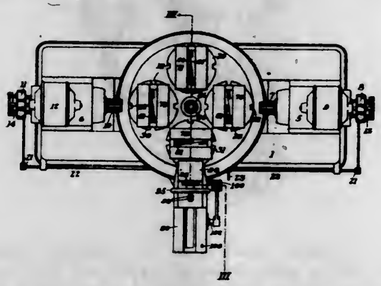
1. A frame, a washing receptacle mounted in the frame, a rock shaft extending into the washing receptacle, a washer frame including a bar, said shaft and bar having their ends formed with a socket on one part to receive and retain the adjacent end of the other part while per-

mitting removal thereof by a tipping movement of said bar, means for securing the bar and rock shaft together for rocking movement and against relative lateral move-



ment, and means for removably securing the opposite end of said bar against lateral movement and within the washing receptacle.

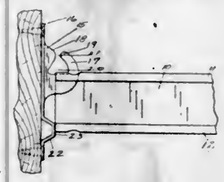
1,574,631. METHOD AND APPARATUS FOR THREADING METAL ARTICLES. GEORGE E. MIRFIELD, Youngstown, Ohio. Filed Apr. 22, 1922. Serial No. 556,114. 14 Claims. (Cl. 10—132.)



3. In the method of successively machining two surfaces of an article, machining articles in a successive manner and simultaneously machining a portion of two articles, the steps of successively centering the articles to be machined on axes movable about another axis, successively bringing each article so centered into machining relation to two machining tools as the articles are moved about said axis, rotating each article for a portion of a cycle about the axis on which it is centered after the first machining and before the second machining, and simultaneously moving both machining tools into machining relation to two articles whereby one portion of each article is machined by one tool and the other portion by another tool.

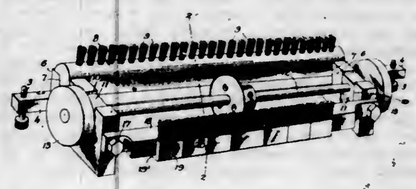
1,574,632. CURTAIN ROD. CARL EMIL MOLLER, Jamestown, N. Y. Filed May 3, 1924. Serial No. 710,919. 2 Claims. (Cl. 156—22.)

1. The combination with a flat faced curtain rod, the upper and lower edges of which are roller over to form parallel channels having openings in the upper and lower walls, of supporting brackets each comprising a base plate having an integral projection therefrom, at the outer upper edge of which is a hook having a tip upwardly and inwardly inclined to provide a recess, and a second integral projection above said first projection, forming with said hook a narrow entrance passage into said recess, said rod being mounted by slipping the upper channel over said first named projection at an angle into



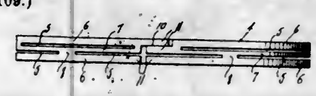
said recess until the opening in the rod is above said hook and then swinging said rod into the horizontal position said hook entering said opening and the outer wall of the opening bearing against the shank of the hook within said recess and the end of the upper wall beyond said opening being below said second projection.

1,574,633. PRINTING-PRESS ATTACHMENT. ELIJAH GUY MYOVER, Independence, Kans. Filed Dec. 4, 1924. Serial No. 753,884. 7 Claims. (Cl. 164—99.)



1. In combination with a paper carrying roller, means for retaining the paper against said roller, and means for forming a line of perforations in said paper while travelling, said means consisting of brushes bearing against the paper and an intermediate perforating device.

1,574,634. PISTON RING. DEAN M. SOLENBERGER, Kansas City, Mo. Original application filed Apr. 9, 1924, Serial No. 705,172. Divided and this application filed Jan. 25, 1926. Serial No. 83,715. 2 Claims. (Cl. 74—109.)

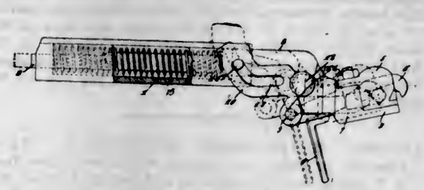


1. A one piece ring having an upper and a lower circumferential series of slots, the said ring being provided with a stepped split joint comprising upper and lower overlapping tongues, the slots in one series being staggered with respect to those in the other series, one of the lower slots extending circumferentially across the lower tongue to divide said tongue into two portions, and the line of overlap of said tongues being disposed to one side of the circumferential axis of the ring.

1,574,635. THREAD CUTTER FOR LOOMS. JAMES ALEXANDER SORRELLS, Gainesville, Ga., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Jan. 3, 1924. Serial No. 684,207. 6 Claims. (Cl. 139—303.)

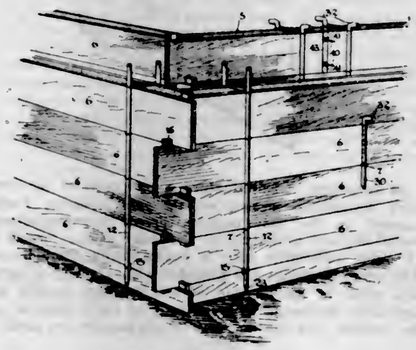
6. In a loom, a temple stand, a spring pressed member slidably mounted therein, a head connected with said

member, a stationary cutter carried by the head, cutter means movably mounted in the head and having a hook-



shaped cutting part for cooperating with the stationary cutter and having an angle shaped slot in its rear part and a pin connected to the stand engaging the slot.

1,574,636. CONCRETE FORM. HAROLD ROBERT SUITER, Red Lodge, Mont. Filed Apr. 12, 1923. Serial No. 631,621. 11 Claims. (Cl. 25—131.)

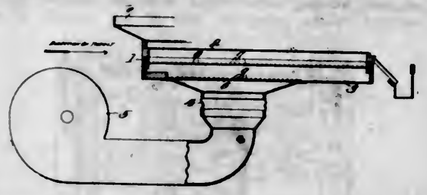


1. In a form, the combination of a loop having means whereby the same may be engaged by holding members, and spring clips secured to said loop and having curved portions for engagement with two adjacent form boards whereby to hold the form boards in position.

6. A form for walls comprising a plurality of form boards arranged in courses, tie loops extending across the courses and having their ends arranged outwardly of the form boards, holding rods extending through the extended terminal portions of said tie loops for holding the form boards in edge to edge relation, spring clips carried by said tie loops and adapted to engage two adjacent form boards whereby to cooperate with the holding rods in securing the form boards in position, board holding members secured to said tie loops and cooperating with the spring clips to hold the form boards against lateral movement, said holding rods having flat surfaces adapted to be turned into opposed relation to the form boards whereby to release the holding rods from locking engagement with the form boards, one edge of the flat surface of each holding rod being rounded whereby the holding rods may be conveniently turned.

1,574,637. AIR BAFFLE. HENRY MOORE SUTTON, WALTER LIVINGSTON STEELE, and EDWIN GOODWIN STEELE, Dallas, Tex. Filed July 31, 1923. Serial No. 654,869. 13 Claims. (Cl. 209—502.)

1. A table for dry separation of elements of a mass, comprising a pervious separating deck, an air-pressure supply for floating said mass on the top of the deck, and a baffle plate between the said air-supply and the sep-

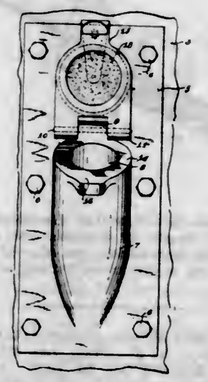


arating deck, the said baffle plate comprising inclined tongues that feed the air upward at an angle to the deck, for the purpose described.

1,574,638. PROCESS OF PRESERVING POWDER OF KONJAC TO BE USED FOR MANUFACTURING PASTE OR SIZING MATERIAL. KATSUNAGA TAMANAHA, Toyotama-gun, Tokyo-fu, Japan. Filed Oct. 12, 1923. Serial No. 668,166. 3 Claims. (Cl. 99—1.)

1. The process of preserving konjac powder, consisting in mixing therewith a substance having an acid reaction therewith.

1,574,639. OIL FILLER AND BREATHER. PAUL THAMM, New York, N. Y., assignor, by mesne assignments, to C. Blair Woodrow. Refiled for abandoned application Serial No. 384,948, filed May 28, 1920. This application filed Dec. 27, 1922. Serial No. 609,347. 7 Claims. (Cl. 121—194.)

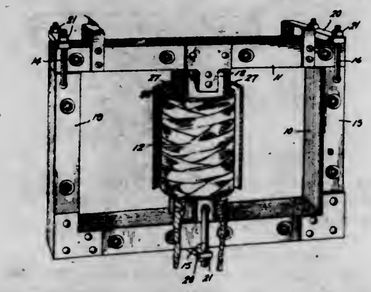


1. In an oil-filler and breather cap for filling tubes for a crank case of internal combustion engines, a closure therefor including an annular member hingedly connected to said crank case adjacent the mouth of said tube, a flexible diaphragm secured to the upper face of said annular member and means for resiliently pressing said diaphragm against said annular member and adapted normally to effect an air tight seal between said diaphragm and annular member but to permit flexing of the diaphragm away from said member due to variations of pressure within the crank case.

1,574,640. STATIONARY INDUCTION APPARATUS. MAGNUS UNGER, Pittsfield, Mass., assignor to General Electric Company, a Corporation of New York. Filed May 26, 1921. Serial No. 472,879. 5 Claims. (Cl. 175—356.)

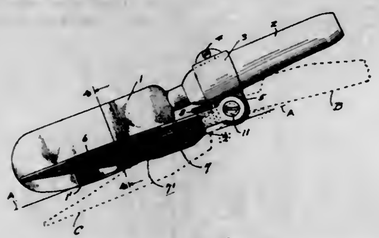
1. Stationary induction apparatus for metal melting furnaces comprising a U shaped core member, a T shaped core member arranged to cooperate with said U shaped

core member to form a three-legged core, the middle leg of said core being the leg of said T shaped member, a primary winding surrounding said leg adapted to be inserted in the secondary loop of the crucible of an



electric induction furnace, and means for securing said winding to said leg whereby said winding may be moved with said T shaped core member and thereby inserted in and removed from said secondary loop.

1,574,641. PAPER-HANGER'S KNIFE ATTACHMENT. GAUTIER A. CHRISTOPHERSON, San Francisco, Calif. Filed Aug. 17, 1925. Serial No. 50,880. 4 Claims. (Cl. 216—61.)

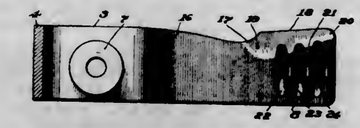


1. A device of the character described adapted for attaching to the handle of a knife, and provided with a rounding guard overhanging the edge of the knife for forcing paper into a corner in cutting the same with the knife.

1,574,642. LUBRICATING COMPOSITION. IDA M. CUSTER, Rahway, N. J. Filed Jan. 28, 1921, Serial No. 440,756. Renewed Oct. 29, 1925. 4 Claims. (Cl. 87—9.)

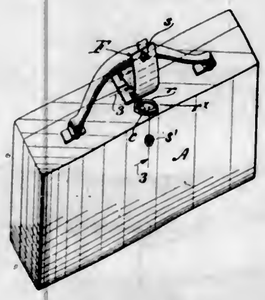
1. A mobile penetrative fluid lubricating composition, comprising deflocculated graphite and coal tar oil.

1,574,643. FILLING REPLENISHING SHUTTLE. HARRY A. DAVIS, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Oct. 26, 1925. Serial No. 64,753. 7 Claims. (Cl. 139—207.)



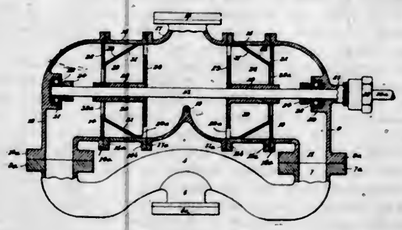
1. An automatic filling replenishing shuttle having a bobbin holder comprising bobbin holding jaws recessed on their inner faces for engagement with the bobbin rings, and a double bevel on the inner face of the bobbin holding jaw, one bevel extending downwardly from the top edge of the jaw for the ready entrance of a bobbin between the jaws and the other bevel having its greatest depth of cut at its inner end back of the inner bobbin holding recess and longitudinally of the jaws and progressively decreasing in depth throughout its length from its inner end towards the end of the jaws.

1,574,644. HAND-CARRIED RECEPTACLE. MAYER FIERING, Brooklyn, and ISIDOR SCHNEIDER, New York, N. Y., assignors to themselves and Isidore Fiering, New York, N. Y., and Sigmund Weintraub, Brooklyn, N. Y. Filed Mar. 21, 1925. Serial No. 17,214. 1 Claim. (Cl. 150—37.)



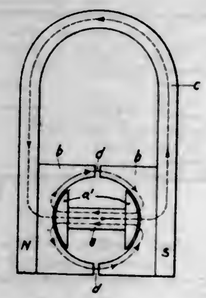
As an article of manufacture, a receptacle of the character designtaed, formed with a coin reservoir fixedly mounted in the body portion thereof and protuberant therefrom, and consisting of a tubular casing formed at its outer extremity with a substantially semi-circular coin retaining flange and provided with a spring-actuated coin plate, in combination with a lockable closure flap articularly connected with the body of the receptacle, for the purpose, and substantially in the manner set forth.

1,574,645. EXPLOSIVE-MIXTURE COMPRESSOR. JAMES I. DEMMILL, Pontiac, Mich., assignor of one-half to Wm. A. Ludlow, Pontiac, Mich. Filed Jan. 23, 1924. Serial No. 688,114. 4 Claims. (Cl. 103—107.)



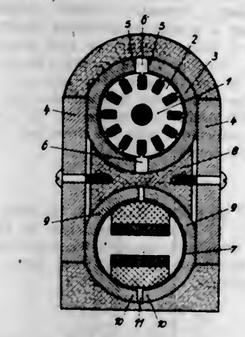
1. In a device of the class described, a single intake and double discharge manifold pipe, an elbow connected to each discharge of said pipe, a nipple connected to each of said elbows, a three-way coupler connecting said nipples, a shaft extending axially through said nipples, a fan in each of said nipples keyed to said shaft and having fan blades provided with beveled outer edges, said fans each having a central annular inlet and a peripheral annular outlet, and a thimble positioned within each of said nipples surrounding said fan and formed to correspond with the beveled edges of said blades.

1,574,646. MAGNETO-ELECTRIC IGNITION MACHINE. WALTER HÄHNLE, Stuttgart-Degerloch, Germany, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Filed Oct. 27, 1921. Serial No. 510,981. 5 Claims. (Cl. 171—209.)



1. A magneto-electric ignition device comprising, in combination, a magnet, pole-shoes formed on said magnet and having opposed arcuate surfaces, an armature arranged to be excited by said magnet, said armature having shoes with arcuate surfaces, the arcs of which are of less extent than the arcs of said pole-shoes, said pole shoes having opposed prolongations to form a reduced air-gap between the ends of said pole-shoes, the magnetic resistance of which is such that the magnetic resistance over said pole-shoes and through said air-gap is greater than the magnetic resistance over said pole-shoes and said armature, but is not greater than the magnetic resistance of the magnet itself.

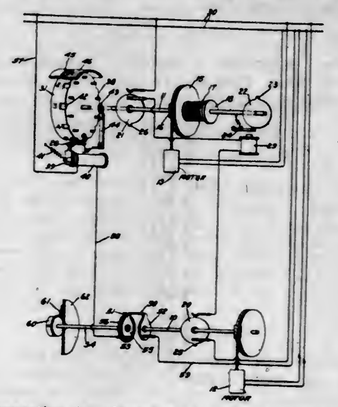
1,574,647. DYNAMO MACHINE. WALTER HÄHNLE and AUGUST KAZENMAIER, Stuttgart, Germany, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Filed Aug. 6, 1923. Serial No. 656,079. 5 Claims. (Cl. 171—209.)



1. A combined lighting and ignition generator comprising a plurality of armatures, common field magnetic means, and means forming shunts for the lines of force of the fields of said armatures whereby said lines of force close without passing through said field magnetic means.

1,574,648. SIGNAL SYSTEM. JOHN L. HALL, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Jan. 28, 1922. Serial No. 532,382. 6 Claims. (Cl. 177—337.)

1. A signal system comprising a continuously rotating shaft located in a receiving station, a rotary indicator, a releasable driving connection between said shaft and said indicator arranged to engage and drive said indicator in a predetermined relation with said shaft, an electromagnetic device for arresting the rotation of said indicator in opposition to said driving connection whereby



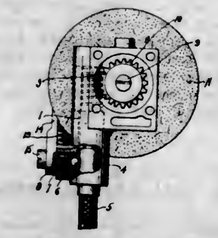
said connection is released, and selective means located in a sending station for energizing said electromagnetic device when said indicator has been turned by said shaft to a predetermined indicating position.

1,574,649. COMPASS AND MOUNTING. FRANK P. HIBLER, Hubbard, Ohio. Filed July 27, 1925. Serial No. 46,424. 5 Claims. (Cl. 248—20.)



1. In an apparatus of the character described, a support having an opening therein, a plate secured upon the support and having an opening adjacent the first-named opening, a compass unit adapted to fit within said openings, a pivotal mounting for the compass unit permitting it to swing from inoperative position in a vertical plane into operative position in a horizontal plane, and means for limiting the outward swinging movement.

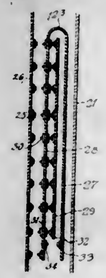
1,574,650. GRINDER. FRANKLIN E. HIERS, Anderson, Ind. Filed Mar. 29, 1924. Serial No. 702,913. 2 Claims. (Cl. 74—7.)



1. A device of the class described comprising a casing, a vertically arranged worm shaft journaled therein, a transversely arranged shaft journaled in the casing, a gear thereon meshing with the worm on the vertical shaft.

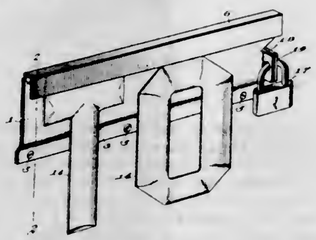
interchangeable brackets adapted to be connected with the casing for supporting the same from a suitable support and means for attaching a flexible drive shaft to the vertically arranged shaft.

1,574,651. SLEEPING GARMENT. CARSON HILDRETH, Lincoln, Nebr. Filed May 19, 1923. Serial No. 640,205. 2 Claims. (Cl. 2—97.)



1. As a new article of manufacture, a garment formed with a pocket at the back thereof, a pad accommodated in said pocket, said pad having inner and outer folds, and an interlining accommodated between the inner and outer folds of said pad, together with fastener means to secure the interlining to one of the folds of the pad, and fastener means to hold a fold of the pad to one of the walls of the pocket.

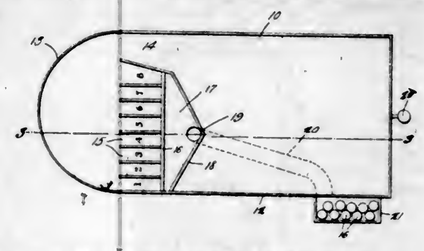
1,574,652. SIGN. ALBERT HOLDER, Los Angeles, Calif. Filed Apr. 22, 1925. Serial No. 25,057. 6 Claims. (Cl. 40—140.)



3. In a sign of the character described, a bar-like supporting section having a rearwardly off-set lower edge portion adapted to be attached to a support, a bar-like clamping section having a body adapted to slide close to said supporting bar, with the upper edge of the clamping bar continuously parallel to the upper edge of the supporting bar, to and from position to embrace the upper edge portion of the supporting bar, and a sign unit having a hook-like hanger portion at its upper end adapted to engage with the upper edge portion of said supporting bar and to be held in place on the supporting bar by the upper edge portion of said clamping bar.

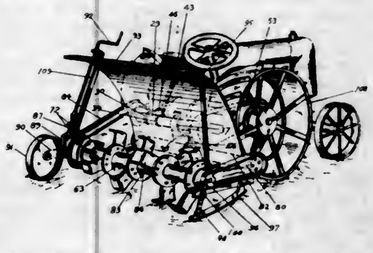
1,574,653. GAME. EINER M. HOLM, Detroit, Mich. Filed Aug. 15, 1925. Serial No. 50,496. 3 Claims. (Cl. 273—124.)

1. A game apparatus comprising an inclined board having an upstanding marginal flange curved at one end of the board, a plurality of pockets extending transversely across the board adjacent the curved portion of the flange and opening toward said curved portion, said pockets being arranged to provide a passage between one of the pockets and the adjacent portion of the flange, a compartment extending across one end of all of the pockets, a movable partition strip dividing the pockets from the compartment, said strip being common to and providing



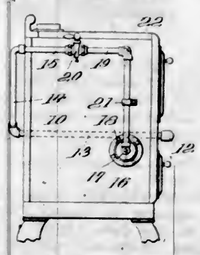
a bottom wall for said pockets, yieldable means to hold the partition strip in place and means to move the partition strip to provide communication between the pockets and compartment.

1,574,654. POWER-DRIVEN CULTIVATOR. ARTHUR CLIFFORD HOWARD, Moss Vale, New South Wales, Australia. Filed Sept. 23, 1925. Serial No. 58,162. 5 Claims. (Cl. 97—40.)



1. In combination, a tractor, a sleeve mounted on the draw-bar thereof, a power transmitting shaft journalled in said sleeve, a frame pivoted on said power shaft to swing vertically thereon, a tool carrying shaft journalled in said frame, means for adjusting said tool shaft vertically, a driving connection between the tool shaft and the power shaft, means for adjusting the sleeve about a vertical axis coincident with the draw-bar, and a chain sprocket on said power shaft.

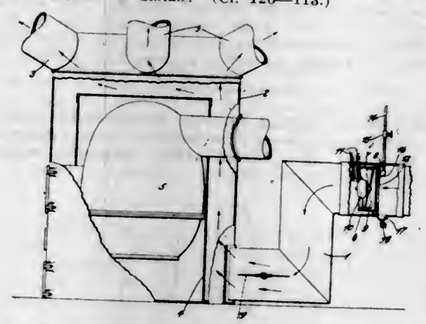
1,574,655. GAS RANGE. HARRY W. HUNTER, Baltimore, Md., assignor, by mesne assignments, to Union Trust Company of Maryland, trustee, Baltimore, Md., a Corporation of Maryland. Filed Jan. 5, 1922. Serial No. 527,141. 4 Claims. (Cl. 126—39.)



1. The combination with a gas range provided with an oven and having a normally closed opening in one end wall of the oven adapted to receive a thermostatic device, of a gas manifold terminating in a short branch

overlapping said oven end wall, a burner extending into the oven through said end wall, and a removable conduit member consisting of two angularly disposed portions lying in a plane parallel with said end wall, one of said portions being connected to the burner and the other with said manifold branch, and a joint between the portions of said conduit member located opposite said opening, whereby a similar conduit member having a thermostatic device located at said joint and extending into the oven may be readily substituted for the first mentioned conduit member.

1,574,656. VENTILATING DEVICE. GEORGE F. ISGRIG, St. Louis, Mo., assignor of one-half to William H. Moore, St. Louis, Mo. Filed June 22, 1925. Serial No. 38,615. 3 Claims. (Cl. 126—113.)



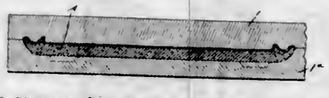
1. The combination with a hot air furnace shell having distributing pipes leading therefrom and an inlet pipe opening thereinto, of a pipe section within and of smaller diameter than said inlet pipe, a baffle between said pipe section and said inlet pipe, and an air propelling device in said pipe section.

1,574,657. STEEL-TRUSSED STRUCTURE. JOHN GRANT JACKSON, Chatham, Ontario, Canada. Filed Feb. 10, 1925. Serial No. 8,234. 7 Claims. (Cl. 72—85.)



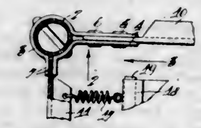
1. A cement reinforced steel structure comprising independent longitudinal steel members, suitably spaced transverse steel members connecting the respective longitudinal steel members together, said longitudinal and transverse members encased in cementitious material, opposed longitudinal flanges on the sides of the structure, and tieing means extending between the opposed flanges.

1,574,658. HARD-RUBBER ARTICLE AND METHOD OF MAKING SAME. JOHN F. JOHNSTON, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Original application filed Mar. 3, 1923, Serial No. 622,581. Divided and this application filed June 6, 1925. Serial No. 35,314. 4 Claims. (Cl. 18—53.)



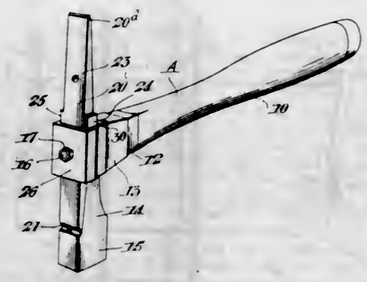
1. The process of producing a substantially solid rubber article, which consists in incorporating a blowing agent in the raw rubber compound, forming the unvulcanized article therefrom slightly smaller than the finished article, assembling a mold around the unvulcanized article, and applying heat to the mold whereby the article is expanded to the size and shape of the mold and vulcanized therein.

1,574,659. FOLDING BED. SYLVANUS K. JOHNSTON, Bradner, British Columbia, Canada. Filed Apr. 30, 1925. Serial No. 27,109. 1 Claim. (Cl. 5—288.)



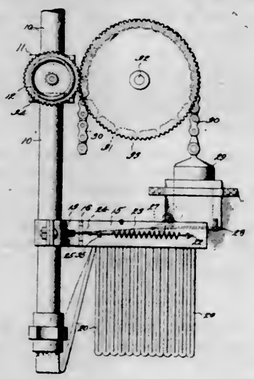
A detachable bed-frame, comprising in combination, corner posts, side rails and end rails, each corner post having a member secured to it which is bent to encircle it, the ends of this encircling member bent to extend outward from the post and spaced apart to receive between them an end of a side rail, the spaced apart ends being secured together by two rivets to engage notches in the end of the side rail, the post encircling member having also a portion doubled out from the post to receive an end of the end rails between the doubled portion and having portions removed from the bend of the doubled portion to afford access of the engaging end rail thereto.

1,574,660. BRICKLAYER'S COMBINED HAMMER AND SCUTCH. WALTER JOHN KIMBER, Ottawa, Ontario, Canada. Filed Nov. 9, 1923. Serial No. 673,762. 6 Claims. (Cl. 125—40.)



1. A tool for bricklayers comprising an adze head having integral therewith a hammer head and separate therefrom an interchangeable cutter, a handle having a central bore therein and means formed in the adze head adapted to detachably engage with the handle and the cutter respectively, a cap for the adze head and cutter member and securing means extending through the cap, the cutter member, the adze head and the handle.

1,574,661. VALVE-OPERATING DEVICE. REUBEN FREDERIC LAURENCE, Minneapolis, Minn. Filed May 4, 1923. Serial No. 636,742. Renewed Oct. 19, 1925. 2 Claims. (Cl. 299—80.)

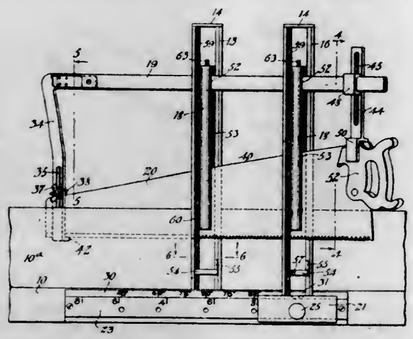


1. In a fire extinguishing apparatus, the combination with a hose supporting device and a valve for controlling a liquid extinguishing agent, of means including a weight operatively connected to the valve for opening the latter, a hingedly mounted support for the weight, a latch for holding the support against movement and means operatively connecting the latter and hose supporting device for actuating the latch to release the weight simultaneous with the removal of the hose.

1,574,662. PROCESS OF PRESERVING WOOD. RANDOLPH LEEDOM, Clifton, N. J., assignor to The Western Union Telegraph Company, New York, N. Y., a Corporation of New York. Filed June 4, 1923. Serial No. 643,427. 3 Claims. (Cl. 99—12.)

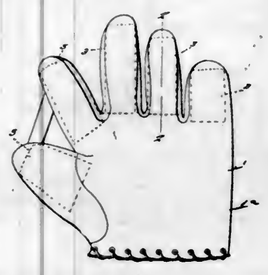
1. The process of preserving wood which comprises charring the surface of the wood to produce a hot dry char and applying a hot preserving medium to said hot surface.

1,574,663. ATTACHMENT FOR MITER BOXES. EMIL LESKE, Jr., New York, N. Y. Filed Apr. 27, 1925. Serial No. 26,219. 1 Claim. (Cl. 143—89.)



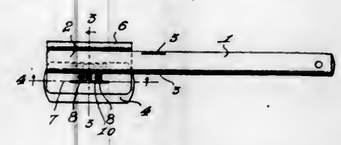
A device of the character described comprising a base, a hollow guide rigidly mounted on one side edge of the base and provided with vertical slots, a track at the other side edge of the base, a movable hollow guide provided with slots slidably mounted on the track, a post vertically movable in each guide, said post being provided with slots, a supporting bar mounted in the slots, clamping means at the opposite ends of the supporting bar for securing the opposite ends of a saw to the supporting bar, one of said clamping means being adjustable longitudinally of the supporting bar, said bar being slidable through the slots in the post and the saw being slidable through the slots in the guide means for locking the movable guide in one of a plurality of different positions at opposite sides of the transverse center of the base for producing varying angular cuts with the saw, plates slidably mounted in the hollow posts and carrying stops adapted to engage the lower end of said posts for limiting the downward movement of the posts and likewise the downward movement of the saw, and means on the plate engageable with the hollow guide for locking the plates in various vertical positions, lugs at the upper end of each guide and a resilient clip on the slidable posts adapted to engage the lugs for retaining the posts and likewise the saw in an inoperative position.

1,574,664. BASEBALL GLOVE. WALTER E. LONG, Philadelphia, Pa., assignor to George A. Reach, Philadelphia, Pa. Filed Aug. 12, 1925. Serial No. 49,807. 6 Claims. (Cl. 2—19.)



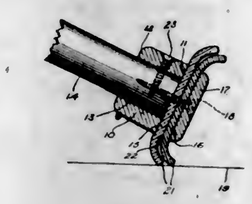
1. A base ball glove having a finger reinforcement of stiff inflexible material, which is curved on the arc of a circle corresponding substantially to the curvature of a base ball.

1,574,665. BLADE HOLDER. FRANK J. LOVIN, Mahnomen, Minn. Filed Sept. 14, 1925. Serial No. 56,361. 1 Claim. (Cl. 30—25.)



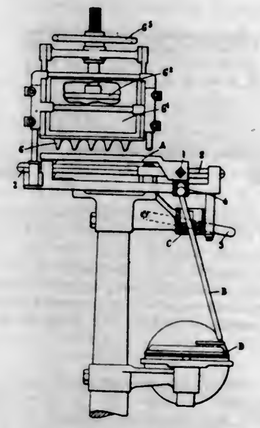
In a device for the purpose set forth, a handle comprising a tubular member having one end slotted longitudinally to provide spaced jaws, said handle inward of the jaws having grooved longitudinally, a clamp comprising a spring metal plate which is centrally rounded upon itself to form the same with a head, side plates extending in parallelism from the head, one of said side plates having an opening therethrough and being formed with outwardly rounded inwardly extending fingers disposed opposite the opening, a plate between the sides, contacted by the fingers, the second side and the said plate designed to receive a razor blade therebetween and the said fingers adapted to be contacted by one of the jaws of the handle and to be sprung by virtue of said contact to exert a pressure against the plate to cause the latter to exert a like pressure against the blade.

1,574,666. SURFACE CLEANER. WILLIAM B. LYNCH Brooklyn, N. Y. Filed Apr. 15, 1925. Serial No. 23,331. 5 Claims. (Cl. 15—245.)



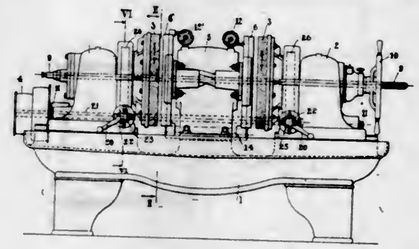
1. A surface cleaning device comprising a block, a plurality of closely associated flexible blades secured to the block, the portions of the blades free of the block being concavo-convex in cross section and extending forwardly of the block, said concavo-convex blades cooperating with each other to cause the free ends of the blades to maintain a positive contact with the floor.

1,574,667. MECHANISM FOR IMPARTING TO A SUPPORT, CARRIER, OR THE LIKE, MOVEMENTS OF A DETERMINED CHARACTER. HUGH WATSON MACKENZIE, Yorkshire, England. Filed Sept. 27, 1921. Serial No. 503,569. 10 Claims. (Cl. 74—14.)



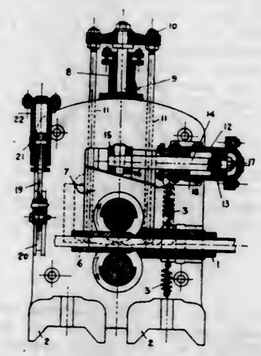
1. Apparatus comprising a movable member, position restricting means by which the movable member is permitted to move freely in or approximately in a plane in such a manner that when the movable member is moved any straight line on the movable member in said plane is maintained parallel to its original position or approximately so, a rocking arm, a support for the rocking arm located at a position between its ends about which the rocking arm may turn freely in all angular directions, a coupling connection between one end of the rocking arm and the movable member, a rotatable driver, and means driven by the rotatable driver connected with the rocking arm for mechanically imparting compound movements to the other end of the rocking arm, for the purposes set forth.

1,574,668. MACHINE FOR GRINDING BALLS. BASILE FRANÇOIS MAHÉ, Charenton, France. Filed Dec. 10, 1923. Serial No. 679,739. 6 Claims. (Cl. 51—130.)



1. A machine for grinding balls for ball-bearings, comprising grooved plates for receiving the balls, grindstones rotatably mounted opposite said plates, means for transferring the balls from one plate to the other, a support for said plates fixed to the frame, said plates being movable axially in their support and a spring interposed between each plate and its support.

1,574,669. TUBE-ROLLING MILL. UMBERTO MARCHI, Rivarolo, Liguria, Italy. Filed July 13, 1921. Serial No. 484,524. 1 Claim. (Cl. 80—14.)

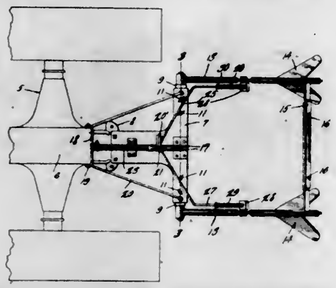


A tube rolling mill including in combination, a main support, ribs formed on said support, rotatable grooved rollers mounted within the support, means for effecting a constant feeding of a billet at each revolution of the rollers including a block provided with a bore having a diameter slightly larger than the exterior diameter of the tube to be rolled and also provided with longitudinal grooves in the opposite side edges thereof for slidable engagement with the ribs on the main support and for preventing lateral movement of the block relative to the rollers, the block being arranged to embrace the side surfaces of the rollers, and resilient means on the main support and associated with the block for maintaining the bore of the block in alinement with the axis of the grooves of the rollers.

1,574,670. PLOW ATTACHMENT FOR TRACTORS. JOHN A. MAREK, Yoakum, Tex. Filed Oct. 10, 1924. Serial No. 742,007. 3 Claims. (Cl. 97—47.)

1. The combination with a tractor, of a transverse bar detachably associated with the tractor, earth breaking elements pivotally connected with the transverse bar

and extending rearwardly therefrom, a quadrant carried by the bar, a U-shaped seat carried by the upper end thereof, and adapted to embrace the differential housing



of the tractor, a bolt passing through the housing and the seat, and a lever cooperating with the quadrant and operatively connected with the earth breaking elements.

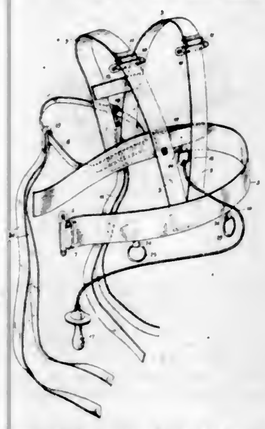
1,574,671. COMBINATION FENCE TOOL. MARTIN L. MAREK, Peoria, Ill., assignor of one-sixth to George A. Shurtleff and one-sixth to John M. Niehaus, jr., both of Peoria, Ill. Filed Apr. 2, 1925. Serial No. 20,259. 2 Claims. (Cl. 254—77.)



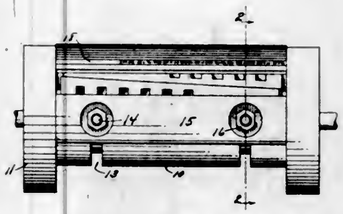
2. A device of the character described, comprising an elongated shank portion having at one end a section bent approximately at right angles thereto; a claw at the other end of the shank; and a rigid finger portion branching off at a sharp angle from the shank between said bent end and said claw and on the same side of the shank as said bent end with a tapered space between said finger portion and the shank from which it branches off, the bent end, the side finger, and the claw end of the device being in approximate alinement with each other, the bent end of the device and the spread of the claw both extending approximately in the same plane, the side finger being nearer to the claw than the bent end of the device with the inclined space between the finger and shank opening toward the claw end of the device.

1,574,672. SAFETY HARNESS FOR CHILDREN. CLARA MCCARROLL-DOULL, Butte, Mont. Filed July 3, 1924. Serial No. 724,171. 1 Claim. (Cl. 128—134.)

In safety harness of the class specified, a waistband having means for supporting the same from the shoulders of the wearer to diminish strain on the abdomen during movement of the wearer, and an enlarged loop fixed at the center of the back of the belt and having attaching devices freely slidable from side to side over the loose portion of the loop, the loop being sufficiently stiff to maintain its form and permit freedom of operation of the fastening devices thereon and the projection of the loop from the rear of the belt permitting unrestricted movement of the body of the wearer to different positions and effect a self-adjustment of the fastening devices to the various positions.

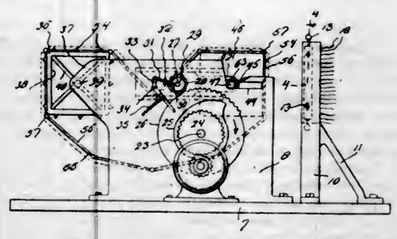


1,574,673. PRINTING PRESS. GEORGE B. MCCARTY, Little Rock, Ark. Filed Mar. 25, 1925. Serial No. 18,286. 4 Claims. (Cl. 101—377.)



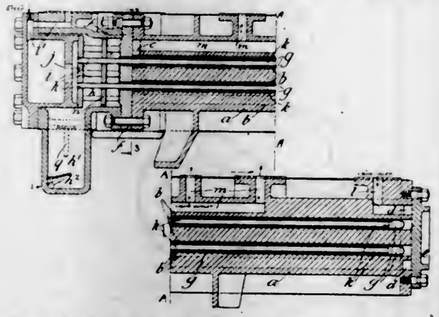
1. In combination, a printing press cylinder, a slug including an elongated body portion, and a type carrying portion projecting laterally from one edge of the body portion and adapted to be arranged in contacting engagement with the adjacent slug on said cylinder, spacing bars arranged between the body portions of the adjacent slugs, and means for locking the slugs in fixed relation to the cylinder.

1,574,674. COMBINED SIGNBOARD AND FLASHER MECHANISM. WALTER W. MCDANIELS, Waupun, Wis. Filed May 13, 1925. Serial No. 30,068. 10 Claims. (Cl. 200—46.)



1. An apparatus of the class described including a supporting structure, an endless member including a plurality of units, projections extending from the units, means for operating the endless member intermittently, a switch board including a plurality of circuit closers engageable by the projections, and means for moving one of the units toward the switch board during an idle interval of the endless member, so that the projections will operate the circuit closers.

1,574,675. HEAT-EXCHANGE APPARATUS. JOHN GRAVES MCKEAN, Mount Vernon, and ROBERT FREDERICK JONES, Glasgow, Scotland. Filed Mar. 5, 1921. Serial No. 449,813. 9 Claims. (Cl. 257—238.)

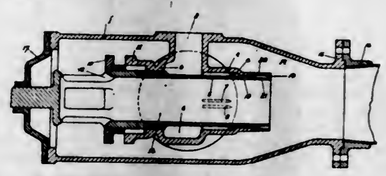


1. A heat exchange apparatus comprising a main heater body member having a plurality of passages extending therethrough from end to end, the said ends of the body member having recesses connecting the ends of the passages, and end plates secured to the body and enclosing the recesses whereby the said passages are made to constitute a continuous duct extending toward the center of said body member.

1,574,676. PROCESS OF PRODUCING A RUBBER COMPOUND. HAROLD A. MORTON, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Apr. 8, 1924. Serial No. 705,195. 1 Claim. (Cl. 18—53.)

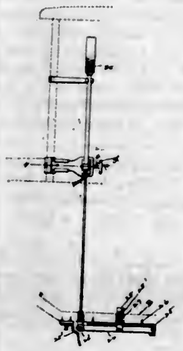
The process of producing vulcanized rubber which consists in mixing rubber with sulphur and an accelerator, calendering the same into a sheet of suitable thickness, applying an activator to the surface of the sheet, rolling the sheet upon itself, and curing the same.

1,574,677. EJECTOR FOR THE DELIVERY OF GAS AND AIR IN LARGE QUANTITIES. JAKOB MULDER and DIRK CHRISTIAAN ENDERT, Rotterdam, Netherlands. Filed Aug. 23, 1924. Serial No. 733,858. 12 Claims. (Cl. 230—13.)



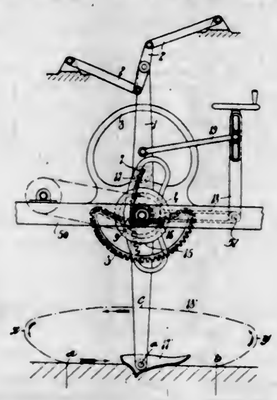
1. A steam gas or vapour operated gas or air ejector for the delivery of large quantities having an annular nozzle centrally arranged in the casing of the ejector for the inlet of the working medium, characterized by the fact that in rear of the smallest cross section (18) of the annular nozzle the outer wall (4) and the inner wall of the nozzle (5) which is independent of the former run concentrically for a considerable distance and the space (6) between them is divided into a circle of passages (8) by radial or helical ribs (7) extending in an axial direction whilst both walls of the nozzle are centered relatively to each other by said ribs.

1,574,678. SIGNAL DEVICE. JAKE NIBLER, La Grande, Oreg. Filed Oct. 29, 1924. Serial No. 746,594. 1 Claim. (Cl. 74—81.)



A vehicle signal operating means comprising an elongated bracket adapted to be secured to the underside of the floor board, and having a central opening therein, lugs depending from one end of said bracket, a lever pivoted at one end on said lugs and normally arranged parallel with said bracket projecting a slight distance beyond the forward end of said bracket, a vertically disposed operating rod connected at the forward end of said lever and operating through an opening in the floor board, a shank bifurcated at one end and straddling said lever to which it is secured, said shank sliding through the central opening of said bracket, a foot pedal carried by the upper end of said shank and utilized to operate said lever, and a coiled spring surrounding said shank and interposed between the bracket and said pedal for normally holding the lever parallel with the bracket and the signal inactive.

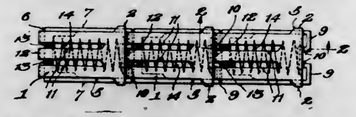
1,574,679. SUPPORTING AND PROPELLING MECHANISM FOR MOTOR VEHICLES. FRITZ ALBERT NILSSON, Karlskoga, Sweden. Filed Mar. 24, 1922. Serial No. 546,503. 5 Claims. (Cl. 180—8.)



1. A supporting and propelling mechanism for motor vehicles, comprising a frame, legs having feet thereon to support said frame, means for causing said legs to move with their feet rearwardly relative to the frame along a substantially straight line with the feet in contact with the ground, to lift the legs at the end of said movement and move same so as to cause the feet thereof to describe a curved path having rounded off edges

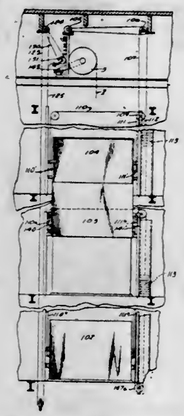
and an extended convex top, and means controlled by the legs themselves to cause the legs to move with their feet at an approximately constant speed during said rearward movement and to cause the legs to move with their feet at a successively accelerated speed along the first half portion of said curved path and at a successively retarded speed during the last half portion of said curved path and said means being further so constructed that the time required for each foot to move along said curved path is substantially equal to the time required for the foot to move along said straight line.

1,574,680. SEPARABLE-LINK BRACELET OR CHAIN. FREDERICK W. NITTEL, Attleboro Falls, Mass., assignor to M S Company, Attleboro, Mass. Filed Sept. 25, 1925. Serial No. 58,595. 8 Claims. (Cl. 59—79.)



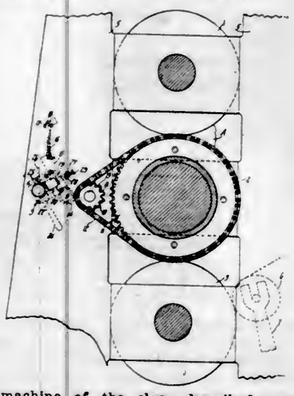
1. A separable link construction comprising a plurality of box links each having one end wall slotted and the opposite end wall formed with spaced guide openings, a plurality of connecting U-links having their bases slidable between the top and bottom walls of the respective box links and their side arms slidable through the end wall guide openings, the free ends of the side arms being extended inwardly into the slotted end of an adjacent box link, and means on the inturned ends of the side arms extending through the slot of the slotted end walls for engaging the second named walls of adjacent box links for spacing the respective box links.

1,574,681. GATE-OPERATING MECHANISM FOR ELEVATORS. CLIFFORD NORTON, Orange; NEVILLE S. DICKINSON, Glen Ridge; and RUMSEY W. SCOTT, Montclair, N. J., assignors to Elevator Supplies Company, Inc., Hoboken, N. J., a Corporation of New Jersey. Filed Apr. 30, 1921. Serial No. 465,906. 35 Claims. (Cl. 187—52.)



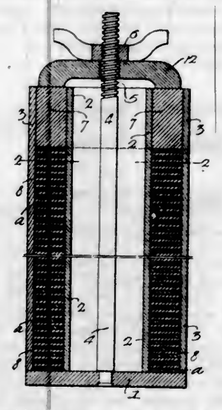
28. In combination, a hatchway and three or more gates along the same, a car, a gate-operating motor common to all gates, an "open" magnet and a "close" magnet common to all the gates and controlling in part their opening and closing movements, means operated by the movement of each gate independently and arranged to control the movement of the gates, a selector arranged to connect in said gates in succession correspondingly with the movement of the car, mechanism arranged to automatically cause said selector to be operative only when the car has slowed down to stop at a floor, "open" and "close" buttons in the car and mechanism operated thereby by which the operator in the car may initiate an opening or closing movement of the gates but only of the gate where the car is.

1,574,682. MACHINE FOR CALENDERING AND CUTTING SHEETS FORMED FROM PLASTIC MATERIALS. RALPH G. NULL, Indianapolis, Ind., assignor to G & J Tire Company, Indianapolis, Ind., a Corporation of Indiana. Filed Mar. 11, 1924. Serial No. 698,352. 4 Claims. (Cl. 18—2.)



1. A machine of the class described comprising in combination, top, intermediate and bottom calendar rolls, a revoluble backing roll spaced from the intermediate calender roll around which a calendered sheet may be passed from the bight between the top and intermediate calender rolls to the bight between the intermediate and bottom calender rolls, and a multiplicity of cutters coacting with said backing roll for slitting the sheet longitudinally as it is passed between successive bights of the calender rolls, whereby a calendered sheet may be cut into strips without subjecting the cut strips to a distorting tension.

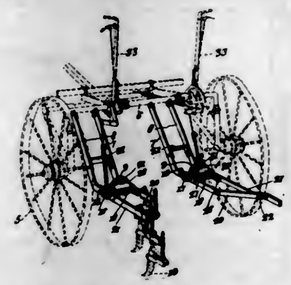
1,574,683. MOLD. CARL F. OGREN, Trenton, N. J., assignor to Thermoid Rubber Company, Hamilton Township, N. J., a Corporation of New Jersey. Filed June 23, 1924. Serial No. 721,811. 4 Claims. (Cl. 18—43.)



1. The combination in a mold, of a bottom plate; a shell; a rod secured to the bottom plate and extending through the shell; a series of rings encircling the shell

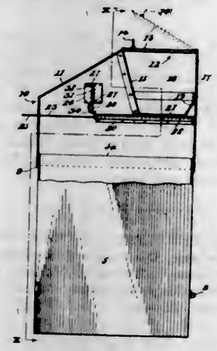
between which the materials to be molded are placed; a clamping plate; and a nut on the rod engaging the clamping plate.

1,574,684. RIDING PLOW. EDGAR OLIVER, Wisner, La. Filed Aug. 6, 1925. Serial No. 48,634. 2 Claims. (Cl. 97—161.)



1. In a riding plow a draft frame composed of spaced bars, a fixed bearing plate secured between the bars, a spacing strip lying against the plate, a plow frame composed of spaced beams, a movable bearing plate connected between said beams and engaging the fixed bearing plate, a spacing and reinforcing strip secured against said movable plate between said beams, a pivot passing through both said plates and bearing strips, and means to hold the plates together.

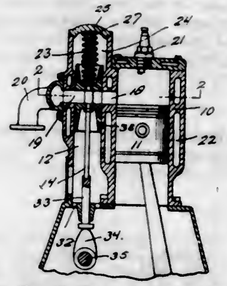
1,574,685. GARBAGE RECEPTACLE. LAWRENCE PACOREK, Chicago, Ill. Filed Sept. 11, 1924. Serial No. 737,108. 2 Claims. (Cl. 220—41.)



1. In a device of the type described, a receptacle, a hopper formed in said receptacle, a reciprocable plate valve for closing the discharge opening in said hopper, and resilient means for moving said plate valve into its closed position, said means including a pivoted arm carried by the receptacle and having its outer end freely bearing against and wiping over one end of said plate valve, and resilient means for forcing said outer end of the arm against the valve.

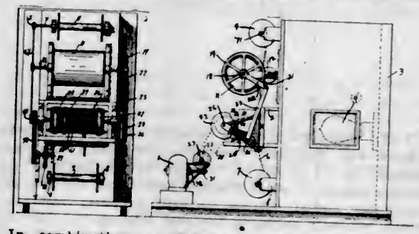
1,574,686. ENGINE. ANTHONY PETTICORE, Sedro Woolley, Wash. Filed Mar. 23, 1925. Serial No. 17,645. 3 Claims. (Cl. 123—188.)

1. In an engine, a cylinder, cylindrical valve chambers communicating with the cylinder and having inlet and exhaust ports, reciprocatory valves mounted within the valve chambers, each valve comprising spaced cylindrical members adapted to control communication between the cylinder and inlet and exhaust ports of the valve chambers, an oil chamber at one end of the valve chambers,



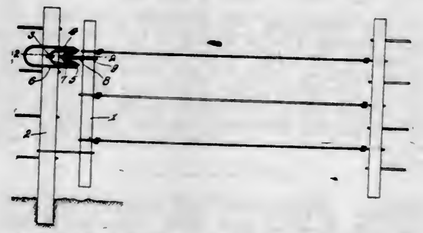
springs within the oil chambers and bearing against the valves to yieldingly force the latter in one direction and means to move the valves in an opposite direction.

1,574,687. PHOTOGRAPHIC-PRINTING MACHINE. ARTHUR C. PILLSBURY, Yosemite, Calif. Filed Nov. 14, 1922. Serial No. 600,891. 1 Claim. (Cl. 95—75.)



In combination, a stationary plate support and a sliding pusher mounted in opposing relation, an electric source of light mounted rearwardly of the support, a rotary shaft mounted in front of the pusher, means driven by the shaft for advancing a sheet of paper between the plate support and the pusher in intermittent impulses, cams mounted on the shaft operatively engaging the pusher for intermittently forcing the latter against the plate disposed so as to become active when the paper comes to rest and a switch mechanism mounted on said shaft comprising a metallic disc fixed to the shaft having insulating sectors therein riding over stationary contacts for alternately connecting and disconnecting the same and for thereby lighting and extinguishing the light in timed relation to the relative movements of the paper.

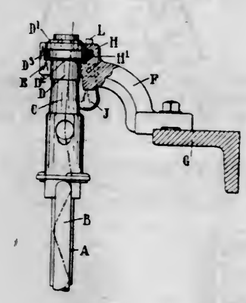
1,574,688. GATE FASTENER. CHARLES O. PLUMMER, Geary, Okla. Filed Feb. 21, 1924. Serial No. 694,396. 1 Claim. (Cl. 292—113.)



In combination with a swinging gate and a latch post therefor, of a means for drawing the gate toward the latch post and for locking said gate thereto, said means

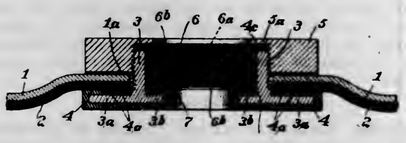
comprising a yoke pivoted to the latch post, a lever whose body portion is substantially U-shaped in plan having inner inturned ends swingably connected to the ends of the yoke, the ends of the lever merging into a substantially U-shaped crank portion disposed centrally of the lever proper and arranged at an angle with respect thereto, and a hook swingably connected with the crank portion of the lever, as and for the purpose set forth.

1,574,689. FLYER BEARING. WILLIAM PRINCE-SMITH and DAVID WATERHOUSE, Keighley, England. Filed Mar. 9, 1925. Serial No. 14,230. 4 Claims. (Cl. 118—57.)



1. An upper support for spindles of worsted drawing frames and analogous machines comprising an upper bearing for a spindle, a support having partially embracing means in which the said bearing is mounted, and adjustable means carried by said partially embracing means normally engaging the said bearing and operable to be disengaged from the bearing when it is desired to effect a doffing operation.

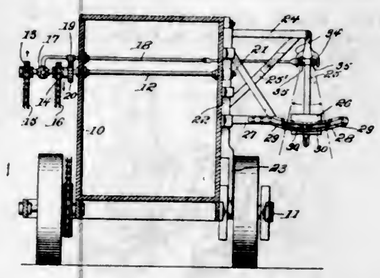
1,574,690. ACID-PROOF CONTAINER. ELI H. RADABAUGH, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed July 14, 1925. Serial No. 43,529. 3 Claims. (Cl. 220—39.)



1. The combination with a rubber lined metal container provided with an opening in the wall thereof, of a metal ferrule seated in said opening having an outwardly extending annular flange at its inner end overlapping the rubber lining, said flange having a covering of hard rubber, said ferrule having a threaded exterior, a lock nut cooperating with said threaded portion, and an acid-proof closure plug cooperating with said ferrule.

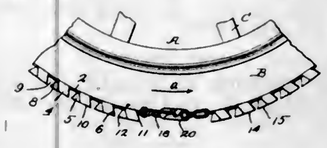
1,574,691. ATTACHMENT FOR HARVESTERS. WILLIAM W. RAGSDALE, Mesa, Wash. Filed May 28, 1924. Serial No. 716,529. 3 Claims. (Cl. 56—209.)

1. The combination with a leveler mechanism for harvesters including a horizontally movable clutch rod, of a pivotally mounted lever, means operatively connecting the lever and clutch rod, a weight for said lever, whereby laterally inclined movement of the harvester



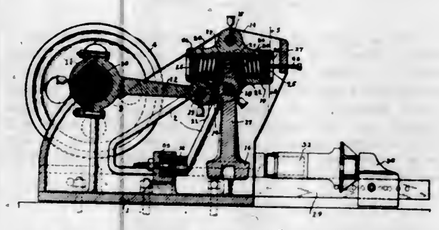
will move the lever and actuate the clutch rod and combined means for holding the lever in normal position and guiding the weight.

1,574,692. ANTISKID CHAIN. ALBERT E. REAM, Braymer, Mo., assignor of one-half to Ella Ream, Braymer, Mo., and one-half to Edward A. Ream, Braymer, Mo. Filed Mar. 23, 1925. Serial No. 17,721. 3 Claims. (Cl. 152—14.)



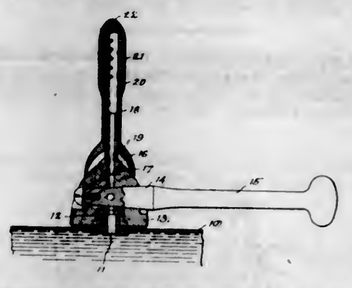
1. In a device of the character described, a member consisting of a flexible metallic strip of sufficient length to extend almost entirely around the periphery of a tire, spaced blades formed integral with and projecting at substantially right angles from the longitudinal margins of said strip and outwardly beyond the periphery of the tire, the edges of said blades being inclined at an angle to the body of the strip, and means for detachably connecting the ends of said strip.

1,574,693. HAMMER. PETER W. RECK, Bettendorf, and WALTER G. VETTER, Davenport, Iowa, assignors to The Bettendorf Company, Bettendorf, Iowa, a Corporation of Iowa. Filed May 31, 1924. Serial No. 716,950. 18 Claims. (Cl. 22—1.)



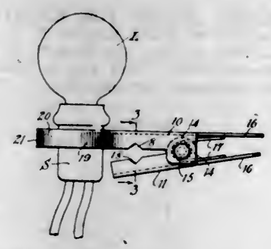
1. A power hammer comprising a support, a carrier pivotally mounted thereon, a hammer pivotally mounted on the carrier, the pivotal axes of the hammer and carrier being parallel, means for oscillating the carrier, and cushioning means for resisting movement of the hammer relative to the carrier.

1,574,694. SYRINGE. WILLIAM RICHARDS, Warren, Pa. Filed Feb. 10, 1925. Serial No. 8,266. 1 Claim. (Cl. 128—239.)



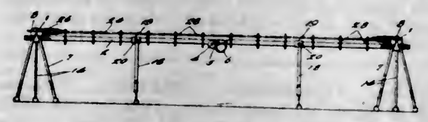
In a syringe, a tubular standard having means to secure it to the syringe head on a bag, and a nozzle having an intermediate cylindrical portion fitting said standard, said nozzle having an enlarged flaring base below said cylindrical portion for guiding the nozzle into proper engagement with the standard and adapted to contact with and be supported on the head of the bag and having the enlarged upper end beyond said cylindrical portion formed with discharge orifices, the terminal of said nozzle having blunt rounded lines.

1,574,695. LAMP-SOCKET HOLDER. WALTER A. RILEY, New York, N. Y. Filed Sept. 26, 1925. Serial No. 58,901. 1 Claim. (Cl. 248—42.)



A Christmas tree lamp socket attaching device, comprising a pair of pivotally connected spring-pressed clamping jaws of U-shaped cross sectional configuration, the side walls of one of said jaws being extended beyond the body portion thereof and formed to provide a pair of coacting clip fingers for frictionally engaging and connecting a lamp socket therewith, the confronting free edges of the side walls of said jaws having notched portions for embracingly engaging a branch of the tree, and means for normally effecting swinging of said jaws into clamped relation.

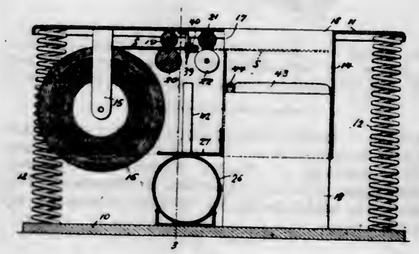
1,574,696. BED. CHARLES A. ROBERTS, Butte, Mont. Filed Jan. 18, 1924. Serial No. 687,132. 5 Claims. (Cl. 5—112.)



1. A camp bed comprising a rectangular frame consisting of side pieces and end pieces, a support at each corner of the frame, each support being of tripod form and consisting of a base to which three legs are each pivoted, said base having means by which it is connected to the adjacent free end of an end piece and other means by which it is connected to the adjacent free end of a side piece.

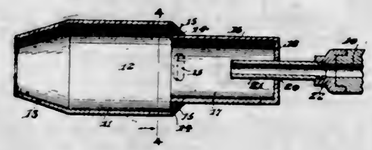
4. A tripod having a slot in its base adapted to receive and support the end of the side rail of a cot, a seat having a projection thereon for engaging the slot and a back hinged to the seat.

1,574,697. TAPE-DISPENSING MACHINE. CARL LEE ROSS, Wilson, N. C. Filed Aug. 13, 1924. Serial No. 731,812. 13 Claims. (Cl. 216—25.)



1. A tape dispensing machine embodying a base, a vertically movable cover plate spaced above the base and provided with an opening, a rotatably mounted tape roll beneath the cover plate, means whereby tape from the roll may be fed beneath the opening in said plate and means whereby downward movement of the cover plate will actuate the tape feeding means.

1,574,698. BLOWTORCH. CLIFFORD V. ROYALL, Richmond, Va. Filed Jan. 21, 1925. Serial No. 3,853. 3 Claims. (Cl. 158—27.4.)

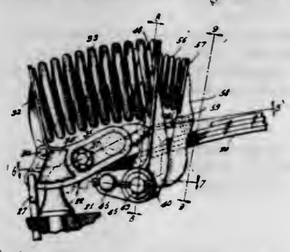


1. A blow torch comprising a hollow cylindrical body portion comprising a combustion chamber, a tapered nozzle extending from the forward end of said body portion, an inwardly extending and rearwardly inclined annular flange projecting from the rear end of the body portion and formed with a series of slots open at one side, a hollow cylindrical member extending through said flange, closing the open sides of said slots, forming a mixing chamber and having its forward end opening into the combustion chamber at the rear end thereof, a disk secured to the rear end of said member and provided with air inlets, and a nozzle extending through said disk and opening into said mixing chamber and leading from a combustible mixture supply.

1,574,699. SHOCK ABSORBER. ALBERT C. SAVIDGE, Indianapolis, Ind., assignor to Robert G. Thompson, trustee, Indianapolis, Ind. Filed Apr. 20, 1923. Serial No. 633,389. 17 Claims. (Cl. 267—17.)

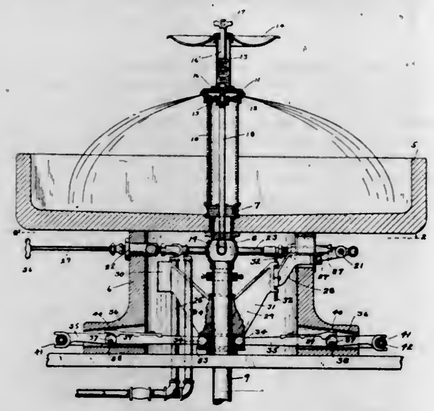
1. A shock absorber for automobiles, comprising a link arranged to be pivoted above the end of the main spring

and projecting below it, a lever pivoted to the lower end of said link at a point inward from the end of the



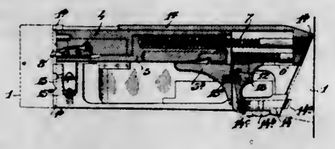
main spring and having one arm projecting outward to the end of the main spring for pivotal connection therewith, and two springs acting in opposition on said lever.

1,574,700. FOOT-CONTROLLED WASH FOUNTAIN. LOUIS SCHLESINGER and HERMAN E. HEINE, Milwaukee, Wis., assignors to Bradley Washfountain Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Mar. 12, 1925. Serial No. 15,044. 9 Claims. (Cl. 4—191.)



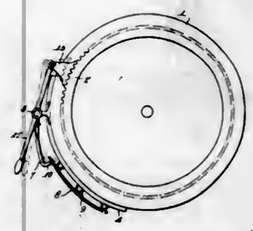
1. A washfountain, comprising a wash basin accessible from all sides, a fountain positioned above the basin and having a circumferential line of jets for discharging water into the basin, a valve controlling the flow of water from the fountain, a reciprocal member for controlling the valve, and levers positioned beneath the basin and accessible from all sides of the fountain for moving the reciprocal member.

1,574,701. SMALL ARM WITH TUBULAR CARTRIDGE MAGAZINE. HANS SCHMEISSER, Suhl, Germany. Filed Aug. 24, 1925. Serial No. 52,072. 4 Claims. (Cl. 42—16.)



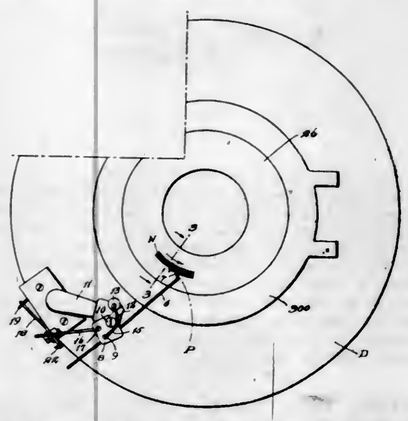
1. A repeating rifle of the type described comprising a casing; a cover having a groove; a breech bolt in said cover having a closing member and a firing member; a spring-pressed locking pawl pivoted in said cover adapted to hold the firing member in cocked position; a locking latch adapted to slide in said groove; and means in the cover adapted to engage in the casing.

1,574,702. INTERLOCKING DEVICE FOR LAUNDRY MACHINES. BERNHARD FRIEDRICH JOHANNES SCHUTT, Brooklyn, N. Y. Filed Apr. 16, 1925. Serial No. 23,618. 4 Claims. (Cl. 192—135.)



1. The combination with a washing machine, a sliding door therefor, and a gear wheel for operating the machine, of a rocker shaft mounted on the machine, a pair of plates on the door having openings therein, arms on the rocker shaft, fingers on the arms movable through the openings in said plates, a lever on said shaft, and a toothed segment carried by the lever adapted to engage the gear wheel when the rocker shaft is turned to position to release the fingers from locking engagement with the plates.

1,574,703. LATCH OPENER FOR KNITTING MACHINES. ROBERT W. SCOTT, Babylon, N. Y., assignor to Scott and Williams, Inc., New York, N. Y., a Corporation of Massachusetts. Filed Aug. 4, 1923. Serial No. 655,593. 10 Claims. (Cl. 66—21.)



1. A knitting machine having latch needles, and a latch opener in combination with a mount for said opener permitting it to swing yieldingly before the movement of the needles and away from the needle circle.

1,574,704. HAIRDRESSING IMPLEMENT. WILLIAM H. SEABROOK, Jr., Savannah, Ga. Filed Sept. 24, 1925. Serial No. 58,361. 7 Claims. (Cl. 132—14.)

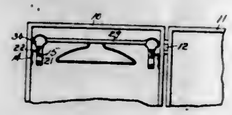
1. A device for the purpose set forth comprising a comb member for applying heat to the hair, a handle means extending rearwardly from said comb member, a slotted guard adapted to enclose said comb member,

said comb member and guard provided with associated means for detachably connecting the comb member in enclosed position, a handle extending rearwardly from



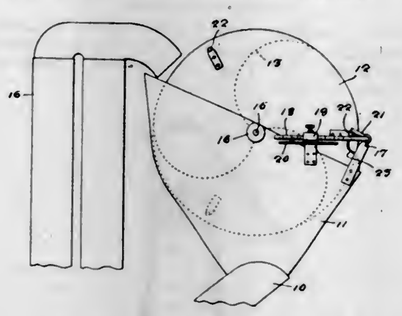
said guard, pivoted intermediate its ends, and further pivoted at its rear end with the rear end of said handle means.

1,574,705. WARDROBE HANGER. ALBERT L. SESSIONS, Bristol, Conn. Filed Oct. 10, 1921. Serial No. 506,660. 5 Claims. (Cl. 211—15.)



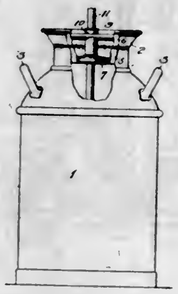
1. A garment hanger support comprising an outer tubular member having depending flanges extending in substantially parallel relation lengthwise along one side, an inner tubular member located within said outer tubular member and having depending flanges also extending in substantially parallel relation along one side and located between the flanges of said outer member, and means for supporting one of said members for sliding movement with respect to the other member as a support therefor.

1,574,706. AUTOMATIC WEIGHING MACHINE. JOSHUA W. SMITH, SHELDON W. SMITH, and EDMUND S. SMITH, Springville, Iowa. Filed Nov. 21, 1924. Serial No. 751,352. 3 Claims. (Cl. 249—19.)



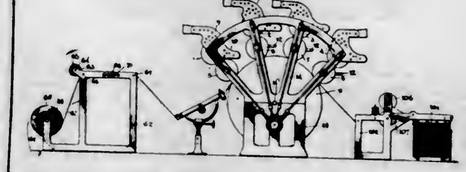
1. An automatic weighing machine comprising a hopper, a member mounted for rotation therein, a plurality of pockets provided in said member, means whereby the material to be weighed may be fed to the pockets and the member rotated by the weight of the material, a stop extending from the rotatably mounted member, a scale beam pivotally mounted upon the hopper, an arm carried by the beam and disposed in the path of the stops whereby movement of the member may be stopped and the pockets properly positioned, a support located in the path of the beam for limiting its movement in one direction and means located in the path of the stops for retarding movement of the member before each of the stops engage the arm and for holding said member against retrograde rotation.

1,574,707. SHEET-METAL CHURN TOP. OSCAR T. SMITH, Wellsburg, W. Va., assignor to Sheet Metal Specialty Company, Pittsburgh, Pa., a Corporation of West Virginia. Filed Aug. 25, 1925. Serial No. 52,453. 4 Claims. (Cl. 259—125.)



1. A sunken sheet metal churn cover in combination with a tubular guide for a dasher handle rising centrally from the bottom of said cover and spaced laterally from the surrounding walls thereof.

1,574,708. MULTICOLOR PRINTING PRESS. ROBERT JARVIS SMOTHERS, Holyoke, Mass., assignor to James T. Robinson, Holyoke, Mass. Filed Apr. 2, 1924. Serial No. 708,776. 8 Claims. (Cl. 101—137.)

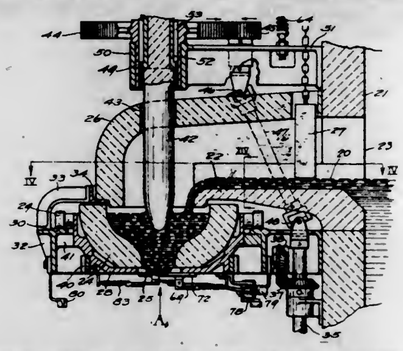


1. A multi-color printing press comprising an impression cylinder, a plurality of synchronously operated transfer rolls opposing said cylinder for successively printing in connection with said cylinder, upon a web travelling in one direction, differently colored portions of a design to complete the latter on the web on one pass thereof between said rolls and cylinder, a plurality of plate rolls operated from and synchronously with said transfer rolls and each associated with a transfer roll and each provided with means for applying on its associated transfer roll a differently colored portion of the design to be printed on the web, an angularly adjustable web directing mechanism positioned in advance of and in proximity to said impression cylinder, and an adjustable combined web brushing and shifting mechanism positioned in advance of and spaced from said directing mechanism.

1,574,709. APPARATUS FOR DELIVERING CHARGES OF MOLTEN GLASS. LEONARD D. SOUBIER, Toledo, Ohio, assignor to The Owens Bottle Company, Toledo, Ohio, a Corporation of Ohio. Filed Dec. 20, 1920. Serial No. 431,847. 30 Claims. (Cl. 49—55.)

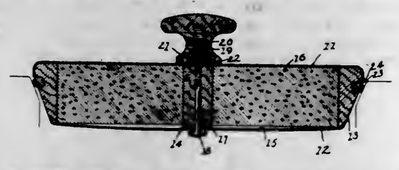
7. The combination with a receptacle to contain molten glass having an outlet opening in the bottom thereof, means to rotate the receptacle about the vertical center line of said opening as an axis, a regulator projecting downward into the glass in the receptacle over said outlet, means to reciprocate said regulator toward and

from the outlet and thereby control the discharge of glass through the outlet, a cutter mounted to rotate with said receptacle beneath said outlet, and automatic



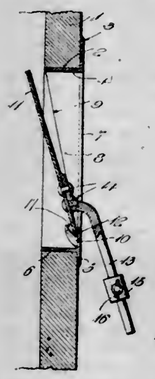
means operating in synchronism with the movements of said regulator to periodically actuate the cutter and thereby sever charges of glass issuing from said outlet.

1,574,710. COVER. CHARLES C. SPREEN, Detroit, Mich., assignor to Kelvinator Corporation, Detroit, Mich., a Corporation of Michigan. Filed July 6, 1925. Serial No. 41,629. 2 Claims. (Cl. 220—24.)



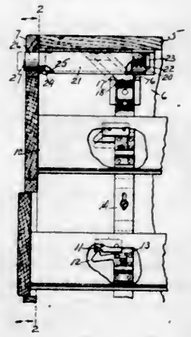
1. A cover, for an opening in the top of an ice cream cabinet affording access to the interior of an ice cream receptacle therebelow, comprising a top plate, a bottom plate, an annular spacer separating said plates adjacent the periphery thereof, a circular central spacer separating said plates centrally thereof, heat insulating material in the chamber thus formed, and tie means connecting said plates together in such spaced relation.

1,574,711. AUTOMATIC DRAFT CONTROL. IRA E. STEELE, Sioux City, Iowa. Filed Mar. 12, 1925. Serial No. 15,054. 2 Claims. (Cl. 236—45.)



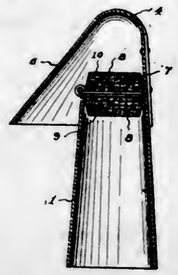
1. An automatic damper for a stove or furnace smoke outlet passage having an air inlet opening, said damper comprising a frame whose lower side member is provided with a plurality of horizontally spaced lugs which extend inwardly and upwardly from said member, a plate having a sharpened lower edge adapted to pivotally rest on said lugs, a weighted arm secured to the outer side of said plate and projecting below the same in a plane parallel thereto, and inwardly projecting ears on said plate, engaging said lugs to hold the plate against sliding in the direction of its pivotal axis.

1,574,712. CABINET LOCK. ELMER B. STONE, New Britain, Conn., assignor to The American Hardware Corporation, New Britain, Conn., a Corporation of Connecticut. Filed July 11, 1922. Serial No. 574,271. 7 Claims. (Cl. 70—25.)



1. In a lock mechanism, a movably mounted actuating member and an actuator member of a lock mechanism, mechanical means for operating said actuator member, a cam arm rigidly connected with and projecting from one of said members into engagement with the other of said members to be actuated by the movement of the actuator member under the influence of said mechanically operated means to operate said actuating member, and means for securing said actuator in its locked position.

1,574,713. GREASE ABSORBER. LOUIS SULZBACH, Philadelphia, Pa., assignor to Caloric Gas Stove Works, Philadelphia, Pa. Filed Dec. 15, 1923. Serial No. 681,013. 1 Claim. (Cl. 126—39.)

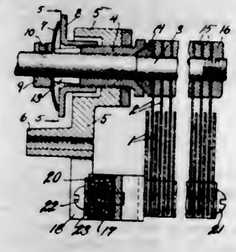


As a new article of manufacture, a director for the waste products of combustion of a gas stove formed of a single piece of sheet metal shaped to provide a pipe, an extension projecting upwardly from one side of said pipe and a downwardly and outwardly inclining cowl carried by said extension and overhanging the upper open end of said pipe, a foraminous body removably mounted in the upper open end of said pipe, and an absorbent in said body, said body being composed of a hingedly connected section to permit removal of the absorbent therefrom.

1,574,714. DENTAL ALLOY AND PROCESS OF MAKING THE SAME. CLARENCE C. VOGT, Pittsburgh, Pa., assignor to Lee S. Smith & Son Manufacturing Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Dec. 26, 1922. Serial No. 609,096. 8 Claims. (Cl. 75—1.)

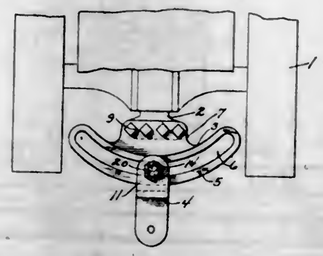
1. A dental alloy containing silver and tin in amounts which will readily amalgamate with mercury to form a suitable hardening dental amalgam, together with a minor proportion of tungsten, substantially as described.

1,574,715. CONDENSER. CHESTER E. WARNER, Berwyn, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed May 18, 1925. Serial No. 30,955. 14 Claims. (Cl. 250—41.)



1. A condenser comprising rotor plates, a rotatable shaft on which said plates are mounted, a bushing through which said shaft extends and which forms a bearing for said shaft, a support in which said bushing is longitudinally adjustable, and variable friction means for controlling the rotation of said shaft, comprising a member carried by said bushing and adjustable therewith.

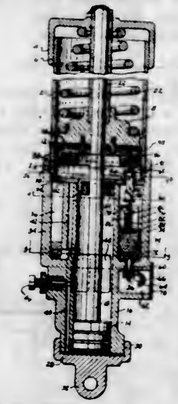
1,574,716. TRACTOR HITCH. HARRY E. WARREN, Tracy, Minn. Filed Dec. 31, 1923. Serial No. 683,764. 2 Claims. (Cl. 280—33.10.)



1. A tractor hitch of the class described including a curved plate having a curved slot therein, a clevis, a roller carried thereby and engaged with said slot, the slot being provided with a centrally disposed notch at its rear side with which said roller is adapted to engage when a tractor to which the hitch is applied is pulling straight ahead.

1,574,717. ELEVATOR-DOOR CLOSER AND SWITCH. WILLIAM WALLACE WEEKS, Brooklyn, N. Y., assignor to Elevator Supplies Company, Inc., a Corporation of New Jersey. Filed Oct. 27, 1923. Serial No. 671,124. 12 Claims. (Cl. 187—51.)

5. A combined elevator door closer and switch comprising a casing, a piston in said casing, means for admitting pressure fluid to said casing to operate said piston, switch terminals in said casing, a conducting member, means for maintaining a bath of oil around said terminals and conducting member, means for operatively connecting said conducting member to said piston, whereby said conducting member will be moved into and out of

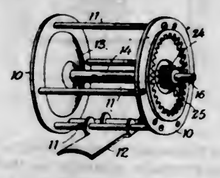


contact with said terminals, with the movements of said piston, and means for holding said conducting member in pressure contact with said terminals during contact therewith.

1,574,718. RUDDER FOR STEERING AND CONTROLLING VESSELS. HENRY O. WESTENDARP, Saugus, Mass. Filed Jan. 15, 1924. Serial No. 686,291. 11 Claims. (Cl. 114—145.)

2. In a vessel the combination of a hull, a shaft mounted in the hull, a propeller secured to the shaft, a ruder consisting of two blades, a steering post, a steering sleeve, pressure balancing plates integral with the steering post and sleeve and pivoted to the rudder plates to create a reaction of the water thrown back by the propeller against the rudder plates for reducing the strains of the operating mechanism.

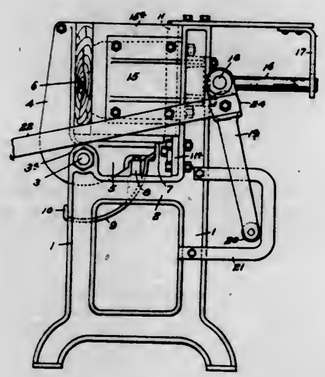
1,574,719. FISHING REEL. HERBERT WHITE, Hanover, Ill. Filed May 19, 1925. Serial No. 31,322. 3 Claims. (Cl. 242—84.7.)



1. In a fishing reel the combination of a frame and its casing and a rotatable bearing shell in the casing having a gear-arm and gear thereon, a shaft journaled in the frame and shell and a pinion on the shaft, a spool on

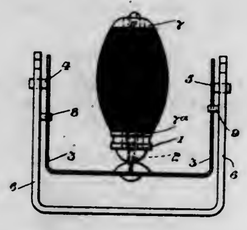
the shaft, a clutch on the spool and a clutch member on the shaft, means on the shaft for disengaging the clutch members when the shaft is moved in one direction, a handle fixed to the shell for rotating the latter to engage the clutch members, and multiplying gears betwen said pinion and gear.

1,574,720. BLOCK-SHAPING MACHINE. SHERBURNE H. WIGHTMAN and THOMAS A. LONG, Chicago, Ill., assignors to International Concrete Industries Corporation, Chicago, Ill., a Corporation of Delaware. Filed Feb. 7, 1925. Serial No. 7,598. 14 Claims. (Cl. 25—41.)



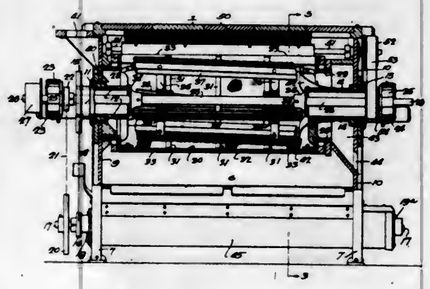
1. A block or tile shaping machine having in combination a cradle adapted to support a platen and an anvil at an angle one to the other, a back plate forming the third side of a mold, a horizontally reciprocable head, plates adapted to form the end walls of the mold and held in operative position by the head, cores carried by the head and means for reciprocating the head.

1,574,721. SUPPORT FOR BOBBINS, COPS, PIRNS, OR THE LIKE WHEN UNWINDING THREAD, YARN, OR THE LIKE THEREFROM. THOMAS WILSON and ARCHIBALD WILSON, Doagh, Ireland. Filed Sept. 29, 1924. Serial No. 740,645. 5 Claims. (Cl. 242—130.)



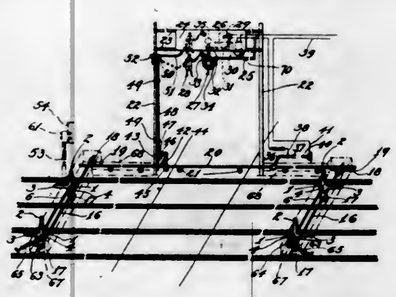
1. A bobbin or like support comprising a fixed member, a second member pivotally mounted on the fixed member and a bobbin carrier on the second member, the pivotal axis of the second member being between the base and the top of the bobbin and at right angles to the axis of the bobbin carrier.

1,574,722. BRAN DUSTER. AUGUSTUS WOLF, Chambersburg, Pa. Filed Mar. 13, 1924. Serial No. 698,945. 5 Claims. (Cl. 209—299.)



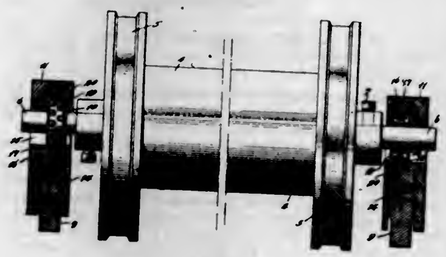
3. The combination in a bolting machine of a casing; a reel therein; two brushes positioned to operate opposite one another respectively on the inner and outer surfaces of the reel; means for radially adjusting the inner brush toward or from the inner surface of the reel; and means for rotating the brushes and the reel.

1,574,723. RAILROAD-CROSSING SIGNAL. THOMAS YELCIC, Republic, Pa., assignor of one-half to George Verbonic, Republic, Pa. Filed July 1, 1925. Serial No. 40,755. 4 Claims. (Cl. 246—294.)



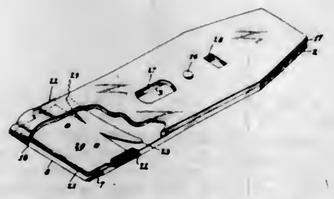
1. A railroad crossing signaling apparatus comprising a set of bell-crank-levers positioned at each side of said crossing and adapted to be operated by a strike-arm positioned on a passing train; a rack-gear actuated by each of said bell-crank-levers; a pull-rod running parallel to the railroad track and having at each end a rack to be engaged by one of said rack-gears; electrical switching means operated by said pull-rod adapted to open and close an electrical circuit to an electric-bell, an electric motor and lights; mechanical means also actuated by said pull-rod and adapted to operate a visible warning signal; said sets of bell-crank levers being disposed to rotate simultaneous and in opposite directions.

1,574,724. WARP BEAM FOR KNITTING MACHINES. HANS ZAHN, Union, N. J., assignor to Robert Reiner, Incorporated, Weehawken, N. J., a Corporation of New Jersey. Filed Mar. 22, 1924. Serial No. 701,070. 4 Claims. (Cl. 242—85.)



1. A removable self-aligning ball bearing for a warp beam adapted to be attached to a beam rack of a knitting machine, said bearing having a vertical notch adapted to engage its rack, and jaws adapted to fit over both sides of said rack and prevent said notch from slipping off said rack.

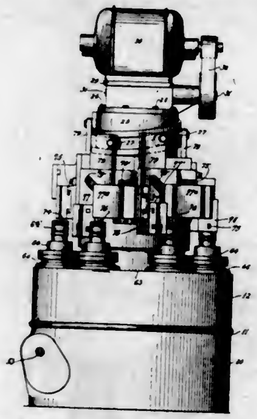
1,574,725. BIT. PIERRE BASMAISON, San Francisco, Calif. Filed May 2, 1925. Serial No. 27,450. 10 Claims. (Cl. 145—17.)



9. A bit comprising a cutter blade having a rabbeted end and a groove formed in the end wall of the rabbet, a cutter seated in said groove, said groove being misalined with the rabbet to position the outer edge of the cutter above the rabbet, a clamp plate for pressing the cutter to a seat in said rabbet, a resilient plate secured to the cutter blade for retaining the cutter in position when the bit is released, upturned flanges on each side of said resilient plate to guide said clamp plate into position, and wings on said resilient plate curved upwardly to bear against said clamp plate to resist movement between said cutter blade and clamp plate.

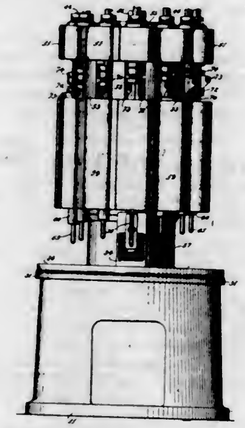
1,574,726. MULTIPLE-SPINDLE-MACHINE TOOL. EDWARD P. BULLARD, Jr., Bridgeport, Conn., assignor to The Bullard Machine Tool Co., Bridgeport, Conn., a Corporation of Connecticut. Filed Jan. 29, 1921. Serial No. 440,844. 35 Claims. (Cl. 29—38.)

4. A continuous turning machine of the class described including a rotor carrying a circular series of individually rotatable work holders, and a circular series of nonratatable tool holders, each tool holder consisting of an automatically reciprocated tool holding member carrying one tool and a separate tool holding member



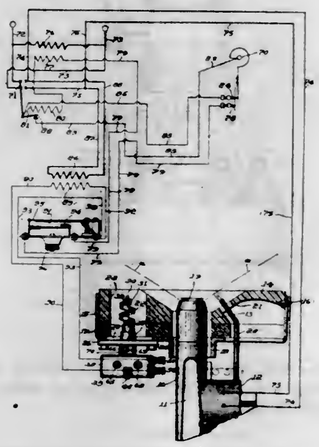
mounted on the said reciprocated tool holding member and carrying a second tool disposed at an angle to the first mentioned tool.

1,574,727. MULTIPLE-SPINDLE CONTINUOUS-DRILLING MACHINE. EDWARD P. BULLARD, Jr., Bridgeport, Conn., assignor to The Bullard Machine Tool Co., Bridgeport, Conn., a Corporation of Connecticut. Filed Mar. 23, 1921. Serial No. 454,741. 6 Claims. (Cl. 77—23.)



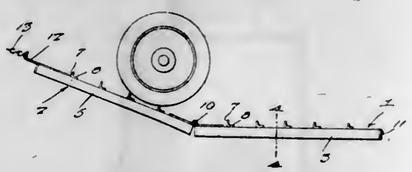
1. In a multiple spindle machine, a base, a hollow cylindrical support carried thereby and having a horizontally disposed head, a rotatable carrier surrounding said support annularly, means adapted to support work piecea in radially spaced relation, a plurality of radially spaced tool operating spindles carried by the carrier, tools therefor, and means for rotating the spindles comprising a non-rotatable vertical shaft carried by said head and extending above it, a spindle-driving gear journaled on said shaft and having two sets of teeth, a vertical drive shaft in said support at one side of said non-rotatable shaft, a gear on said drive shaft above said head adapted to drive said spindle-driving gear through cooperation with one of said sets of teeth, and gears carried by said spindles and meshing with the other set of teeth.

1,574,728. SAFETY DEVICE FOR BURNERS. MILTON A. FESLER, Stamford, Conn., assignor to Petroleum Heat & Power Company, Boston, Mass., a Corporation of Delaware. Filed June 19, 1925. Serial No. 38,278. 13 Claims. (Cl. 158—42.4.)



1. In combination with a burner, a safety control thermostat, comprising in combination, a thermostatic element mounted near the burner to be quickly heated thereby, means controlled by said element for cutting off the supply of fuel to the burner, a shaft rotatably supported adjacent said element and mechanically connected by the free end of the element to be rotated by its contraction and expansion, means controlled by the thermostatic element for cutting off the supply of fuel to the burner, and means actuated by the turning of said shaft to control the flow of cooling currents of air to the thermostatic element for preventing its overheating.

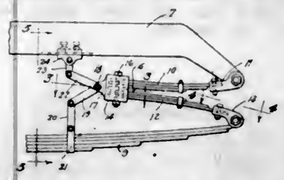
1,574,729. TRACTION-INCREASING DEVICE FOR MOTOR VEHICLES. EPHRIAM A. FOSTER, Massillon, Ohio. Filed July 17, 1925. Serial No. 44,344. 1 Claim. (Cl. 180—7.)



A traction increasing device of the class described comprising a pair of hingedly connected sections, each section including a pair of spaced side members, and vehicle engaging cleats extending transversely across the side members, the upper portions of said cleats being disposed above said side members, each cleat comprising a metallic plate, the same being slit vertically from its bottom edge adjacent the respective ends thereof, the lower end portions of each cleat being bent laterally and secured to the top of the respective side members of each section.

1,574,730. SHOCK ABSORBER. WALTER L. FOSTER, Whittier, Calif. Filed Nov. 15, 1923. Serial No. 674,877. 2 Claims. (Cl. 267—45.)

1. In combination with a leaf spring and frame supported thereon, a shock absorber interposed therebetween comprising a pair of reentrant cantilever springs, fittings securing the ends of said cantilever springs to said frame



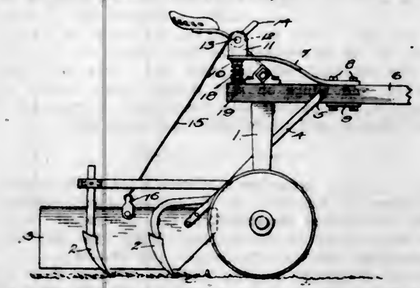
and said leaf spring and a recoil structure tying the juncture of said cantilever springs to said leaf spring.

1,574,731. CORE BARREL AND ROTARY BIT. WALTER L. FOSTER, Whittier, Calif., assignor of one-fourth to William Meredith, Huntington Beach, and one-fourth to W. H. Taylor, South Pasadena, Calif. Filed Nov. 3, 1924. Serial No. 747,554. 8 Claims. (Cl. 255—72.)



1. In a tool of the class described, the combination of a head having a tubular extension forming the mouth of a core barrel, a plurality of rotary disk cutters mounted about said extension on axes non-radial to the longitudinal center of said head, lateral running teeth extending from said head, said head having passages for circulation fluid extending therethrough and opening adjacent said disk, and core trimming cutters on said extension.

1,574,732. ATTACHMENT FOR ADJUSTING THE FENDERS OF LISTER CULTIVATORS. JOHN HEMJE, Hildreth, Nebr. Filed Apr. 30, 1925. Serial No. 26,940. 1 Claim. (Cl. 97—188.)



An attachment for adjusting the fender of a lister cultivator, comprising a rod having a crank provided on one end thereof, a yoke in which said rod is rotatably

mounted, a drum mounted on the rod, a fender pivotally attached to the frame of the cultivator, a cable having one end attached to the drum, a brake member comprising an eye engaging the rod on which the drum is mounted, a depending stem, lock nuts on the outer end of said stem, and a spring interposed between the lock nuts and the bight portion of the yoke on which the rod is mounted, whereby the tension of the drum may be adjusted by adjusting the lock nuts.

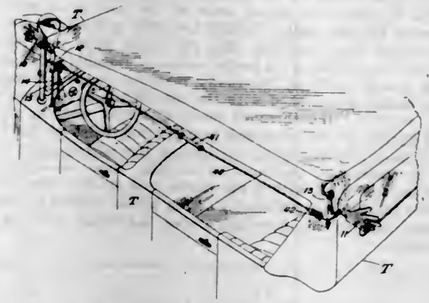
1,574,733. COMPOUND FOR PROTECTING THE HANDS FROM THE EFFECTS OF CONTACT WITH OIL, GREASE, AND DIRTY SUBSTANCES. DAVID R. KELLOGG, Edgewood Borough, Pa., assignor to Peterson-Kintner Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Jan. 3, 1924. Serial No. 684,191. 5 Claims. (Cl. 167—9.)

1. A compound for protecting the skin from the effects of contact with oil, grease and dirty substances consisting of a mixture of gelatinous forming clay, pure soap and water.

2. A compound for protecting the skin from the effects of contact with oil, grease and dirty substances consisting of a mixture of bentonite, pure soap and water.

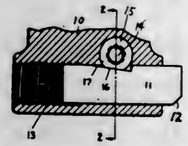
3. A compound consisting of a mixture made up of 17% bentonite, 4.5% soap and 78.5% water.

1,574,734. SIGNALING APPARATUS. ALEXANDER MCLAREN, Brooklyn, N. Y. Filed Sept. 5, 1925. Serial No. 54,758. 10 Claims. (Cl. 116—47.)



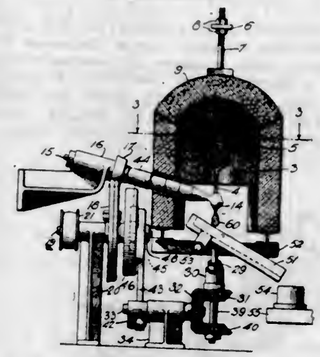
1. Signaling apparatus comprising a plurality of signals arranged for movement to signaling and non-signaling positions, means for simultaneously moving signals to similar signaling and non-signaling positions respectively, and means for moving one of said signals to a third and distinctive signaling position independently of the other signal.

1,574,735. GAUGE. JOSEPH B. PALOSKI, Detroit, Mich., assignor to Ford Motor Company, Detroit, Mich., a Corporation of Delaware. Filed May 31, 1924. Serial No. 717,032. 1 Claim. (Cl. 33—163.)



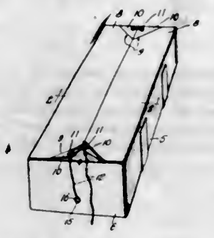
In a locking device for gauges having a frame with pins adjustably mounted therein, each of said pins being formed with a face inclined to the longitudinal axis thereof, an elongated locking member adjustable in said frame transversely of said pin and having a face inclined to its longitudinal axis and designed to coact with the inclined face on the pin whereby longitudinal movement of the locking member will tend to force the pin against the adjusting device of the gauge to thereby lock said pin from accidental displacement in use.

1,574,736. FEEDER FOR MOLTEN GLASS. KARL E. PEILER, Hartford, Conn., assignor, by mesne assignments, to Hartford-Empire Company, a Corporation of Delaware. Filed Aug. 3, 1912. Serial No. 713,143. 13 Claims. (Cl. 49—55.)



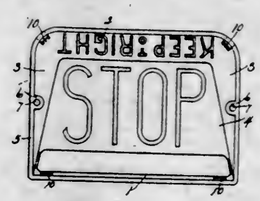
3. A feeder for molten glass, comprising a rotatable gathering head, means for rotating said head, and means for flowing molten glass upon said head, while rotating, whereby a layer of glass is accumulated around the head.

1,574,737. BOX CLOSURE. HARRY L. FELLOWES, Chicago, Ill., assignor to Bankers Box Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 26, 1925. Serial No. 4,660. 2 Claims. (Cl. 229—46.)



1. A closure fastener for boxes and the like comprising a button for mounting on the outside of the box and having a shank to pass through the wall of the box, a cord anchorage secured against the inside of the box by the button shank and serving to distribute the load of the button over a relatively large area of the box wall, and a cord having one end anchored to the anchorage and adapted to pass through openings in the anchorage and the box wall at a point removed from the shank so that its outer end may be wound about the shank of the button on the outside of the box.

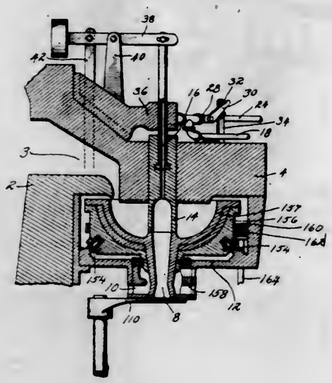
1,574,738. TRAFFIC MARKER. THOMAS G. CRETNEY, Madison, Wis. Filed Dec. 7, 1923. Serial No. 679,246 8 Claims. (Cl. 94—1.5.)



1. A warning marker for location between the curb lines of streets, comprising a substantially rigid member, having a polygonal base, and having the major por-

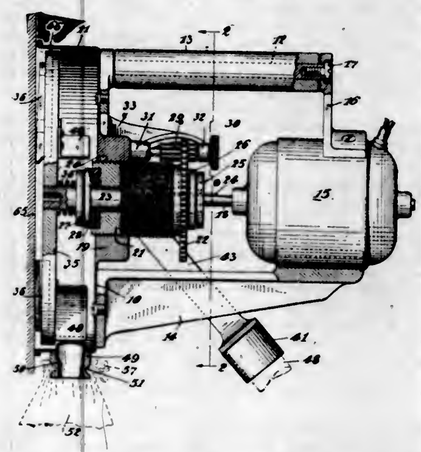
tion of its upper surface inclined toward one margin, and affording a prominent field for suitable warning indicia, said marker being adapted to allow vehicle wheels to pass thereover without series obstruction or shock.

1,574,739. METHOD AND APPARATUS FOR DELIVERING MOLTEN GLASS. ENOCH THEODORE FERNGREN, Toledo, Ohio, assignor to Hartford-Fairmont Company, a Corporation of New York. Original application filed Sept. 29, 1913, Serial No. 792,383. Renewed Feb. 10, 1919, Serial No. 276,175. Divided and this application filed Sept. 19, 1925. Serial No. 57,454. 15 Claims. (Cl. 49—55.)



2. The combination of a receptacle to contain molten glass, said receptacle provided with an outlet orifice, and automatic means to cause an equalization of temperature within the receptacle comprising mechanism for rotating the receptacle about the axis of said orifice.

1,574,740. CUTTING DEVICE. JOHN ROSCOE RAYNOR, Greenport, N. Y. Filed Apr. 7, 1924. Serial No. 704,737. 4 Claims. (Cl. 144—119.)



1. In a device of the character specified, in combination, a supporting casing open at the bottom, a motor carried by said casing, a shaft revoluble with said motor, a second shaft revoluble with the motor shaft and telescopic therewith, a threaded member revoluble around the second shaft, an internally threaded opening within the casing top meshed with the threaded member, means for revolving the threaded member, means whereby the revolution of the threaded member will raise or lower the second shaft, means for locking the second shaft in a predetermined position, an eroding plate carried by the second shaft within the casing and spaced from the sides thereof and a plurality of fan blades carried by the plate capable of drawing eroded materials into the casing.

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Adam, Meldrum & Anderson Co. Inc., Buffalo, N. Y. Overalls, work shirts, and pants. 208,593; Feb. 2; Serial No. 220,057; published Nov. 3, 1925.
Adam's Preserving Co., The, Houston, Tex. Preserved figs. 208,648; Feb. 2.
Aeroshade Company, The, Waukesha, Wis. Porch shades. 208,583; Feb. 2; Serial No. 219,794; published Nov. 17, 1925.
Allbestos Corporation, Philadelphia, Pa. Brake linings. 208,628; Feb. 2.
Allied Industrial Products Co., Chicago, Ill. Liquid used for preparing sheet metal for pickling and for neutralizing acid after pickling. 208,413; Feb. 2; Serial No. 214,307; published Nov. 10, 1925.
Alton Mercantile Company, Enid, Okla. Coffee. 208,463; Feb. 2; Serial No. 218,726; published Nov. 17, 1925.
Amboy Milk Products Co., Amboy, Ill. Evaporated milk. 208,420; Feb. 2; Serial No. 208,889; published Nov. 10, 1925.
American Caramel Co., Lancaster, Philadelphia, and York; American Caramel Company, York, Pa. Caramels and candies. 50,741; renewed Mar. 27, 1926.
American Caramel Co., Lancaster, Philadelphia, and York; American Caramel Company, York, Pa. Caramels and candies. 52,313; renewed May 8, 1926.
American Flyer Mfg. Co., Chicago, Ill. Miniature railroads. 208,453; Feb. 2; Serial No. 220,102; published Nov. 10, 1925.
American Retailers Association, Inc., New York, N. Y. Ladies' suits, coats, dresses, waists, etc. 208,604; Feb. 2; Serial No. 220,282; published Nov. 10, 1925.
American Specialty Co. (See Goldstein, Aaron.)
American Varnish Company, The, Chicago, Ill. Varnishes. 49,960; renewed Feb. 27, 1926.
Arden, Elizabeth. (See Lewis, Florence N.)
Aron, J., & Company, Inc., New York, N. Y. Coffee. 208,570; Feb. 2; Serial No. 219,518; published Nov. 17, 1925.
Associated Physicians Laboratories, San Francisco, Calif. Solution to be used in the treatment of neurasthenia, asthma, following grippe, convalescence from infectious diseases, etc. 208,656; Feb. 2.
Athlete and Sportsman Company, Inc., Columbus, Ohio. Magazine. 208,472; Feb. 2; Serial No. 203,781; published Dec. 30, 1924.
Atlas Asbestos Company, North Wales, Pa. Ford transmission lining. 208,473; Feb. 2; Serial No. 201,319; published Nov. 17, 1925.
Auto Truck Industrial Appliances, Inc., New York, N. Y. Autotruck apparatus. 208,523; Feb. 2; Serial No. 220,881; published Nov. 17, 1925.
Avri Drug & Chemical Company, Jersey City, N. J. Insecticide. 208,443; Feb. 2; Serial No. 220,333; published Nov. 10, 1925.
Barker, A. E., & Co. of Calif., Los Angeles, Calif. Fresh vegetables. 208,537; Feb. 2; Serial No. 217,062; published Nov. 17, 1925.
Barrett Company, The. (See Jayne, H. W., Chemical Co., assignor.)
Barrett, Denton & Lynn Company, Dalton, Ga. Wheat flour. 52,804; renewed May 15, 1926.
Bates, A. J., Co.; A. J. Bates Company, Webster, Mass. Leather shoes for ladies, men, and children. 53,300; renewed May 29, 1926.
Baxter Bros. Co., The, Brunswick, Me. Canned vegetables. 52,242; renewed May 1, 1926.
Bay State Fishing Company, Boston, Mass. Fillets, finnan haddie, fish flakes, etc. 208,568; Feb. 2; Serial No. 219,321; published Nov. 17, 1925.
Bayer Company, Inc., The, New York, N. Y. Rodenticides. 208,439; Feb. 2; Serial No. 220,391; published Nov. 10, 1925.
Bayuk Cigars Incorporated, Philadelphia, Pa. Cigars. 208,451; Feb. 2; Serial No. 220,172; published Nov. 10, 1925.
Beardsley Specialty Co., Rock Island, Ill. Malt extract in sirup form and beverages made therefrom. 208,637; Feb. 2.
Beltona Limited, Hoddesdon, England. Liniment. 208,538; Feb. 2; Serial No. 216,765; published Nov. 10, 1925.
Best & Co., Inc., New York, N. Y. Canes and umbrellas. 208,579; Feb. 2; Serial No. 216,767; published Nov. 3, 1925.
Bi-Car-Gum, Inc., New York, N. Y. Chewing gum for the relief of acid or sour stomach. 208,479; Feb. 2; Serial No. 220,491; published Nov. 10, 1925.
Bissell Varnish Company, The. (See Crockett, David B., Company.)
Blaw-Knox Company, Blawnox, Pa. Machines for measuring fine aggregates for concrete. 208,536; Feb. 2; Serial No. 217,202; published Nov. 10, 1925.
Boardman, William, & Sons, Co., The, Hartford, Conn. Coffee, flavoring extracts for food, and spices. 208,466; Feb. 2; Serial No. 218,047; published Nov. 17, 1925.

Boston Knitting Mills, Inc., Somerville, Mass. Infant's band. 208,614; Feb. 2; Serial No. 220,492; published Nov. 10, 1925.
Bovril Limited, London, England, and Montreal, Canada; Bovril Limited, London, England. Sirups, flavoring, tonics, etc. 48,907; renewed Jan. 16, 1926.
Broadway Beverage Corporation, Buffalo, N. Y. Beverages sold as soft drinks and sirups for making the same. 208,425; Feb. 2; Serial No. 199,217; published Sept. 29, 1925.
Brown, W. A., Tobacco Company, Incorporated, Martinsville, Va. Plug, cut-plug, chewing, and smoking tobacco. 208,412; Feb. 2; Serial No. 215,502; published Nov. 10, 1925.
Bruckner's, Albert, Sons, Jersey City, N. J. Dolls. 208,526; Feb. 2; Serial No. 220,700; published Nov. 17, 1925.
Brunswick-Balke-Collender Company, The, Chicago, Ill. Bowling-alley pin setters and supplies and equipment therefor. 208,402; Feb. 2; Serial No. 202,609; published Nov. 10, 1925.
Buoyant Upholstery Company Limited, The, Sandiacre, England. Chairs, settees, couches, seats, pedestals, etc. 208,580; Feb. 2; Serial No. 215,400; published Nov. 10, 1925.
Burnett, Joseph, Company, Boston, Mass. Spice. 208,464; Feb. 2; Serial No. 218,536; published Nov. 17, 1925.
Burrus Mill & Elevator Company, The; The Burrus Mill and Elevator Co., Fort Worth, Tex. Wheat flour. 50,479; renewed Mar. 20, 1926.
Cadwallader-Gibson Co., Inc., Los Angeles, Calif. Lumber of all kinds used for panels and doors. 208,624; Feb. 2.
Calhoun, William R., doing business as Red Chief Rubber Company, Fort Worth, Tex. Inner tubes for tires. 208,548; Feb. 2; Serial No. 206,939; published Nov. 17, 1925.
California Packing Corporation, San Francisco, Calif. Dried fruits. 208,581; Feb. 2; Serial No. 214,352; published Nov. 17, 1925.
Carbonell y Cia., Cordoba, Spain. Olive oils. 208,467; Feb. 2; Serial No. 217,132; published Nov. 17, 1925.
Carreras Limited, London, England. Smoking tobacco and cigarettes. 48,095; renewed Dec. 12, 1925.
Central States Paper Distributing Company, St. Louis, Mo. Printed craft paper. 208,558; Feb. 2; Serial No. 218,050; published Oct. 20, 1925.
Century Pen Company, The, Whitewater, Wis. Fountain pens. 51,262; renewed Apr. 10, 1926.
Chandler and Rudd Company, The, Cleveland, Ohio. Canned fruits and vegetables, olives, and coffee. 208,547; Feb. 2; Serial No. 131,566; published Mar. 24, 1925.
Cheramy, Inc., New York, N. Y. Perfumes, toilet waters, face powder, creams, rouges, etc. 208,475; Feb. 2. Serial No. 220,445; published Nov. 10, 1925.
Chicago Mail Order Company, Chicago, Ill. Men's overalls. 208,602; Feb. 2; Serial No. 220,396; published Nov. 10, 1925.
Clawson, Clement C., Flagtown, Frankfort post office, N. J. Ice-shaving machine. 51,983–4; renewed May 1, 1926.
Cohn & Holt, New York, N. Y. Women's dresses. 208,590; Feb. 2; Serial No. 220,449; published Nov. 10, 1925.
Commonwealth Steel Company, St. Louis, Mo. Locomotive beds, cradles, end sills, pilot beams, etc. 208,559; Feb. 2; Serial No. 218,052; published Nov. 17, 1925.
Consolidated Fastening Devices; The Consolidated Safety Pin Company, Bloomfield, N. J. Safety pins, hairpins, clips, and other metal fastening devices. 27,889; renewed Mar. 3, 1926.
Cook-Taylor Co., Inc., Fall River, Mass. Band-tying tools and weights for textile machines. 208,543; Feb. 2; Serial No. 214,648; published Nov. 17, 1925.
Craig Chemical Company. (See Storey, Virginia.)
Crescent Manufacturing Co., Seattle, Wash. Flavoring extracts. 47,141; renewed Oct. 31, 1925.
Crescent Manufacturing Co., Seattle, Wash. Spices. 47,630; renewed Nov. 14, 1925.
Crescent Manufacturing Co., Seattle, Wash. Baking powder. 51,340; renewed Apr. 10, 1926.
Crockett, David B., Co., The; The David B. Crockett Company, doing business as The Bissell Varnish Company, Bridgeport, Conn. Varnishes. 49,883; renewed Feb. 20, 1926.
Crockett, David B., Company, The; The David B. Crockett Company, doing business as The Bissell Varnish Company, Bridgeport, Conn. Varnishes. 51,222; renewed Apr. 10, 1926.
Crowley, Charles H., New York, N. Y. Needles. 49,431; renewed Feb. 2, 1926.
Crowley, Charles H., New York, N. Y. Needles. 50,091; renewed Mar. 6, 1926.

Crown Vault Company. (See Fritz, Albert C.)
Curtis Guild & Co.; Courtenay Guild, doing business as Curtis Guild & Co., Boston, Mass. Weekly newspaper. 49,123; renewed Jan. 23, 1926.
Davies, Theo. H., & Co., Ltd., Honolulu, Hawaii; San Francisco, Calif.; and New York, N. Y. Textile fabrics—namely, cotton cloth. 208,630; Feb. 2.
Davis, Effie M., Syracuse, N. Y. Deodorant and preventive of perspiration. 208,450; Feb. 2; Serial No. 220,181; published Nov. 10, 1925.
Deane, Artemas W., Los Angeles, Calif. Beverage. 208,483; Feb. 2; Serial No. 218,394; published Nov. 10, 1925.
Decatur Brick Mfg. Co., Decatur, Ill. Bricks. 208,404; Feb. 2; Serial No. 201,288; published Oct. 20, 1925.
Deltox Rug Company. (See Oshkosh Grass Matting Co., assignor.)
Diamond, N., Wildwood Crest, N. J. Ointment for the treatment of skin diseases, psoriasis, piles, and burns. 208,512; Feb. 2; Serial No. 220,941; published Nov. 10, 1925.
Dixie Metal Products Co., Birmingham, Ala. Metal cabinets for radiators, hot-air registers, and heaters. 208,407; Feb. 2; Serial No. 208,578; published Oct. 20, 1925.
Doherty, J. C., Acampo, Calif. Fresh grapes, cherries, and plums. 208,562; Feb. 2; Serial No. 218,542; published Nov. 17, 1925.
Donnelly, William A., Philadelphia, Pa. Hams, bacon, dried beef, fresh meats, dressed poultry, butter, and eggs. 208,465; Feb. 2; Serial No. 218,107; published Nov. 17, 1925.
Dorf & Co. Inc., New York, N. Y. Umbrellas and parasols. 208,582; Feb. 2; Serial No. 219,818; published Nov. 3, 1925.
Dorf & Co. Inc., New York, N. Y. Umbrellas and parasols. 208,612; Feb. 2; Serial No. 220,063; published Nov. 3, 1925.
Doulton & Co. Limited, Lambeth, London, England. Pottery, earthenware, and china. 50,410; renewed Mar. 13, 1926.
Downs, George E., doing business as Vio-Scent Sweets Co., Newark, N. J. Candy. 208,585; Feb. 2; Serial No. 219,419; published Nov. 17, 1925.
Dresch Laboratories Co., Toledo, Ohio. Gum coating for dentures. 208,511; Feb. 2; Serial No. 220,877; published Nov. 10, 1925.
Duesing, Louis W., doing business as The Tydee Company, Dumont, N. J. Ladies' house or dust caps. 208,572; Feb. 2; Serial No. 219,731; published Nov. 10, 1925.
Duke, Eugenia T., doing business as Duke Mayonnaise Co., Greenville, S. C. Mayonnaise dressing, Russian dressing, and a relish. 208,655; Feb. 2.
Durite Hosiery Co. (See Lowin, Paul.)
Edwards, Arthur O., Minneapolis, Minn. Teeters, slides, and whirligigs. 208,600; Feb. 2; Serial No. 220,768; published Nov. 17, 1925.
Emerson, Isaac E., Baltimore, Md. Laxative and cathartic for the treatment of liver, intestinal, and stomach disorders, etc. 208,533; Feb. 2; Serial No. 220,019; published Nov. 10, 1925.
Ermet Products Company, Indianapolis, Ind. Separators for storage batteries. 208,638; Feb. 2.
Essinger, E. C., Chicago, Ill. Display or show case for merchandise. 208,461; Feb. 2; Serial No. 219,620; published Nov. 17, 1925.
Estate Stove Company, The. (See Kahn, F. & L., & Bros.)
Exchange Orange Products Company, The, San Dimas, Calif. Orange drink. 208,518; Feb. 2; Serial No. 221,174; published Nov. 17, 1925.
Experimenter Publishing Company, New York, N. Y. Radio receiving sets and parts therefor. 208,423; Feb. 2; Serial No. 200,550; published Oct. 6, 1925.
Fairchild Bros. & Foster, New York, N. Y. Medicinal preparations. 48,682; renewed Jan. 9, 1926.
Farmaiola Products Co. (See Union Food Products Co.)
Farmville Lithia Springs Company. (See Thackston, Richard D.)
Farwell, John V., Company, Chicago, Ill. Ladies' and misses' dresses. 208,620; Feb. 2.
Federal Products Corporation, Providence, R. I. Lens-measuring gauges. 208,564; Feb. 2; Serial No. 218,805; published Nov. 10, 1925.
Fiberloid Corporation, The, Indian Orchard, Springfield, Mass. Mirrors. 208,418; Feb. 2; Serial No. 210,206; published Nov. 10, 1925.
Filippone, B., & Co., Passaic, N. J. Olive oil. 208,460; Feb. 2; Serial No. 220,020; published Nov. 17, 1925.
First National Bank of Boston et al., trustees. (See Lewis Manufacturing Company, assignor.)
Fish, Howard F., Westville, N. J. Liniment. 208,513; Feb. 2; Serial No. 220,945; published Nov. 10, 1925.
Florence Manufacturing Company. (See Golinko, Philip.)
Foothill Groves, Yorba Linda, Calif. Fresh oranges, lemons, and grapefruit. 208,470; Feb. 2; Serial No. 212,909; published Nov. 17, 1925.
Forbes, Jas. H., Tea & Coffee Co., St. Louis, Mo. Milk chocolate, cocoa, coffee, and spices. 208,646; Feb. 2.
Forhan Company, New York, N. Y. Toothbrushes. 208,411; Feb. 2; Serial No. 210,544; published Nov. 10, 1925.
Foster, C. B., Packing Co., Inc., Biloxi, Miss. Canned shrimp and canned oysters. 208,578; Feb. 2; Serial No. 218,003; published Nov. 17, 1925.
Foster Laboratory, Newark, N. J. Cough expectorant. 208,457; Feb. 2; Serial No. 219,663; published Nov. 10, 1925.
Foster, Theodore W., & Bro. Co., Providence, R. I. Sterling-silver flatware, etc. 50,670; renewed Mar. 27, 1926.
Fraisse, Marius, and Co., doing business as Laboratoires Fraisse, Paris, France. Preparation administered in ampul form for the treatment of arteriosclerosis. 208,498; Feb. 2; Serial No. 217,017; published Nov. 10, 1925.
Fraisse, Marius, and Co., doing business as Laboratoires Fraisse, Paris, France. Preparation for the treatment of syphilis. 208,499; Feb. 2; Serial No. 217,018; published Nov. 10, 1925.
Fraisse, Marius, and Co., doing business as Laboratoires Fraisse, Paris, France. Preparation in ampul form for neurasthenia. 208,500; Feb. 2; Serial No. 217,019; published Nov. 10, 1925.
Fraisse, Marius, and Co., doing business as Laboratoires Fraisse, Paris, France. Preparation administered in ampul form for the treatment of anæmia. 208,501; Feb. 2; Serial No. 217,020; published Nov. 10, 1925.
Frankenfeld, Leo, Hoboken, N. J. Exercising apparatus. 208,469; Feb. 2; Serial No. 215,204; published Nov. 17, 1925.
Franklin Baker Company, Hoboken, N. J. Prepared cocoanut. 208,654; Feb. 2.
Fried-Lang Leather Co., Inc., New York, N. Y. Adhesive leather cement and adhesive rubber cement. 208,542; Feb. 2; Serial No. 214,790; published Sept. 8, 1925.
Friedlander, Laura, New York, N. Y., and Seabreeze, Daytona Beach, Fla. Gowns. 208,603; Feb. 2; Serial No. 220,339; published Nov. 10, 1925.
Fritz, Albert C., doing business as Crown Vault Company, Evergreen Park, Ill. Burial vault. 208,444; Feb. 2; Serial No. 220,287; published Nov. 10, 1925.
Frost Fishing Tackle Company, Stevens Point, Wis. Fishing tackle. 208,417; Feb. 2; Serial No. 210,899; published Nov. 3, 1925.
Fuchs & Lang Manufacturing Co., The, Brooklyn and New York; The Fuchs & Lang Manufacturing Company, New York, N. Y. Lithographic ink. 28,026; renewed Mar. 31, 1926.
Fulton Bag & Cotton Mills, Atlanta, Ga. Twine. 52,482; renewed May 8, 1926.
G. & E. Trading Corp., New York, N. Y. Malt extracts and malt and hop extracts. 208,489; Feb. 2; Serial No. 219,390; published Nov. 10, 1925.
Galena Axle Grease Co., assignor to Galena Manufacturing Company of Illinois, Galena, Ill. Cup grease and lubricating oils. 51,465; renewed Apr. 17, 1926.
Geisler, Max, Omaha, Nebr. Song birds. 50,853; renewed Apr. 3, 1926.
Germoform Chemical Co. (See Hrejsa, Joseph F.)
Globe Bottling & Sales Company, The, Baltimore, Md. Malt beverage. 208,491; Feb. 2; Serial No. 219,422; published Nov. 10, 1925.
Globe Overalls Co., The, Cincinnati, Ohio. Overalls. 52,884; renewed May 22, 1926.
Godel, E., and Sons; E. Godel & Sons, Peoria, Ill. Hams, shoulders, and bacon. 52,321; renewed May 8, 1926.
Golden State Milk Products Company, San Francisco, Calif. Cheese of all varieties. 208,482; Feb. 2; Serial No. 218,255; published Nov. 10, 1925.
Goldstein, Aaron, doing business as American Specialty Co., New York, N. Y. Malt extracts and malt and hop extracts. 208,490; Feb. 2; Serial No. 219,392; published Nov. 10, 1925.
Golinko, Philip, doing business as Florence Manufacturing Co., New York, N. Y. Dresses. 208,607; Feb. 2; Serial No. 220,188; published Nov. 3, 1925.
Good Roads Machinery Company, Inc., The, Kennett Square, Pa. Rock crushers, elevators, screens, drags, etc. 208,520; Feb. 2; Serial No. 221,006; published Nov. 17, 1925.
Goodyear Rubber Company, New York, N. Y. Rubber boots. 48,007; renewed Dec. 5, 1925.
Goodyear Tire & Rubber Company, The, Akron, Ohio. Inner tubes for pneumatic vehicle tires. 208,406; Feb. 2; Serial No. 207,240; published Nov. 10, 1925.
Grasselli Chemical Co., The, Cleveland, Ohio. Soldering flux. 27,947; renewed Mar. 10, 1926.
Grasselli Chemical Company, The, Cleveland, Ohio. Soldering fluxes. 208,449; Feb. 2; Serial No. 220,227; published Nov. 10, 1925.
Gray Manufacturing Company, Spokane, Wash. Beverages sold as soft drinks and sirups and extracts for making the same. 208,496; Feb. 2; Serial No. 216,175; published Nov. 10, 1925.
Great Six Overalls, Inc., Winona, Minn. Overalls and work suits. 208,606; Feb. 2; Serial No. 220,238; published Nov. 3, 1925.
Grisi, Joseph P., Mexico, Mexico. Medicinal plaster for the treatment of wounds, sores, and the like conditions. 208,550; Feb. 2; Serial No. 203,332; published Nov. 10, 1925.
Grossman, Isidore, doing business as Grossman Clothing Co., New York, N. Y. Men's outer suits. 208,584; Feb. 2; Serial No. 219,535; published Nov. 10, 1925.

Guiterman Bros., Inc., St. Paul, Minn. Bathing suits. 208,611; Feb. 2; Serial No. 220,069; published Nov. 3, 1925.
Gutierrez, Antonio, New York, N. Y. Cigars, cigarettes, and smoking tobacco. 208,601; Feb. 2; Serial No. 220,654; published Nov. 17, 1925.
Haines, Harry L., doing business as H. L. Haines & Company, Red Lion, Pa. Cigars. 208,615; Feb. 2; Serial No. 220,454; published Nov. 17, 1925.
Halperin, Nathan, doing business as Halperin Mills, Brooklyn, N. Y. Artificial-silk knitted fabric. 208,631; Feb. 2.
Hansley Mills, New York, N. Y. Men's shirts, undershirts, and underwear. 208,594; Feb. 2; Serial No. 220,023; published Nov. 10, 1925.
Hardwick & Magee Company, Philadelphia, Pa. Textile carpets. 208,629; Feb. 2.
Hart & Hegeman Mfg. Co., The, Hartford, Conn. Electric switches. 51,743; renewed Apr. 24, 1926.
Hart Manufacturing Co., The, Cleveland, Ohio. Die-stocks. 49,311; renewed Jan. 30, 1926.
Haserot Canneries Company, The; The Haserot Company, Cleveland, Ohio, successor. Canned extract of green corn. 51,866; renewed Apr. 24, 1926.
Hatfield, James S. P., doing business as Hi-Grade Battery & Equipment Co., Chicago, Ill. Storage and other batteries. 208,640; Feb. 2.
Heinz, H. J., Co., Allegheny City; H. J. Heinz Co., Pittsburgh, Pa., successor. Prepared fruits and vegetables. 27,936; renewed Mar. 10, 1926.
Heisey, A. H., & Co., Inc.; S. H. Heisey & Company, Newark, Ohio, successor. Pressed glassware. 50,121; renewed Mar. 6, 1926.
Henderson, Peter, & Co., New York, N. Y. Agricultural and horticultural seeds. 52,492; renewed May 8, 1926.
Hermann, Seymour M., New York, N. Y. Composition to assist in dyeing operations. 208,476; Feb. 2; Serial No. 220,456; published Nov. 10, 1925.
Hess-Bright Manufacturing Co., The, assignor to The Hess-Bright Manufacturing Company, Philadelphia, Pa. Ball bearings. 50,105; renewed Mar. 6, 1926.
Higgins, J. E., Lumber Co., San Francisco, Calif. Flooring. 208,626; Feb. 2.
Highland Milling Company, Highland, Ill. Wheat flour. 52,954; renewed May 22, 1926.
Hi-Grade Battery & Equipment Co. (See Hatfield, James S. P.)
Homan Silver Plate Co., The, Cincinnati, Ohio; Chicago, Ill.; and New York, N. Y., assignor to The Homan Manufacturing Co., Cincinnati, Ohio. Silver-plated ware. 27,974; renewed Mar. 17, 1926.
Honeywell Heating Specialties Co., The, Wabash, Ind. Thermostatic device for controlling the temperature and pressure of steam and hot-water bottles. 208,555; Feb. 2; Serial No. 217,879; published Nov. 10, 1925.
Hooper Sons' Manufacturing Co., Philadelphia, Pa. Laundry nets. 208,636; Feb. 2.
Hoosier Condensed Milk Co., Buffington, Ind. Condensed milk. 208,426; Feb. 2; Serial No. 189,717; published Sept. 15, 1925.
Horsman, E. I., Co. Inc., New York, N. Y. Dolls. 208,519; Feb. 2; Serial No. 221,014; published Nov. 17, 1925.
Houtmann, Andrew P., doing business as Millville Pharmacy and Houtmann Bros., Woonsocket, R. I. Cough sirups. 208,480. Feb. 2; Serial No. 220,535; published Nov. 10, 1925.
Howes, S. M., Company, The, Boston, Mass. Dampers for hot-air pipes and smoke pipes. 52,046; renewed May 1, 1926.
Hrejsa, Joseph F., doing business as Germoform Chemical Co. Not Inc., Chicago, Ill. Antiseptic and prophylactic for treatment of leucorrhea, etc., and diseases of the female organs. 208,539–40; Feb. 2; Serial Nos. 216,537–8; published Nov. 10, 1925.
Huber-Sweet Mfg. Co., Highland Park, Ill. Mechanical toys. 208,458; Feb. 2; Serial No. 219,432; published Nov. 10, 1925.
Huntley & Palmers, Ltd., Reading, England. Biscuits and cakes. 51,766; renewed Apr. 24, 1926.
Hyman, Max, & Son, Inc., New York, N. Y. Shirts. 208,605; Feb. 2; Serial No. 220,235; published Nov. 3, 1925.
Ideal Novelty & Toy Co., Brooklyn, N. Y. Dolls. 208,649; Feb. 2.
Incandescent Supply Company, New York, N. Y. Electric fixtures. 208,424; Feb. 2; Serial No. 199,623; published Sept. 15, 1925.
Industrial Water Treatment Co., Newark, N. J. Compound for cleaning automobile radiators. 208,442; Feb. 2; Serial No. 220,343; published Nov. 10, 1925.
International Paper Company, New York, N. Y. Papers made from wood pulp. 50,974; renewed Apr. 3, 1926.
Jacobson Brothers, doing business as Pittsburgh Trouser Company, Pittsburgh, Pa. Trousers, pants, shirts, sweaters, etc. 208,557; Feb. 2; Serial No. 218,020; published Oct. 20, 1925.
Jantzen Knitting Mills, Portland, Oreg. Bathing suits and woolen outing coats. 208,613; Feb. 2; Serial No. 220,539; published Nov. 10, 1925.
Jaquet, Daniel, Neuilly-sur-Seine, France. Perfumes. 208,504–6; Feb. 2; Serial Nos. 220,953–5; published Nov. 10, 1925.
Jaquet, Daniel, Neuilly-sur-Seine, France. Perfumes. 208,514; Feb. 2; Serial No. 220,952; published Nov. 10, 1925.
Jaquet, Daniel, Neuilly-sur-Seine, France. Perfumes. 208,522; Feb. 2; Serial No. 220,956; published Nov. 10, 1925.
Jayne, H. W., Chemical Co., The, Philadelphia, Pa., assignor to The Barrett Company, New York, N. Y. Disinfectants. 27,325; renewed Nov. 26, 1925.
Johnson & Johnson, New Brunswick, N. J. Adhesive plasters. 208,532; Feb. 2; Serial No. 220,027; published Nov. 10, 1925.
Joslyn, A. W., Racine, Wis. Creams, toilet powders, talcums, rouge, etc. 208,408; Feb. 2; Serial No. 207,788; published Nov. 10, 1925.
Kahn, F. & L., & Bros.; The Estate Stove Company, Hamilton, Ohio, successor. Heating and cooking apparatus. 27,832; renewed Feb. 18, 1926.
Keith, Preston B., Shoe Company, Brockton, Mass. Leather boots, shoes, and slippers. 53,228; renewed May 29, 1926.
Kentucky Distilleries & Warehouse Co. (See Mellwood Distillery Co., assignor.)
Keyser & Co.; Tennessee Furniture Corporation, Chattanooga, Tenn., successor. Refrigerators. 27,585; renewed Dec. 31, 1925.
Krank, Alfred J., St. Paul, Minn. Dandruff and skin cure. 51,657; renewed Apr. 17, 1926.
Kwik-Kut Knife Company, St. Louis, Mo. Pocket, desk, or sewing-basket knife. 208,405; Feb. 2; Serial No. 206,242; published Nov. 10, 1925.
Laboratoires Fraisse. (See Fraisse, Marius, and Co.)
Lackawanna Leather Company, The, Hackettstown, N. J. Hides. 208,414; Feb. 2; Serial No. 213,244; published Oct. 27, 1925.
La Verne Beauty Products, Rochester, N. Y. Toilet cream. 208,441; Feb. 2; Serial No. 220,345; published Nov. 10, 1925.
Leland, Edwin F., doing business as The Leland Remedy Co., Minnesota, Minn. Medicinal preparation for the treatment of poultry affected with roup, colds, etc., and as a preventive of contagious diseases. 208,440; Feb. 2; Serial No. 220,346; published Nov. 10, 1925.
Lengyel, L., and G., Brooklyn, N. Y. Tooth paste. 208,553; Feb. 2; Serial No. 209,227; published Aug. 25, 1925.
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Bath salts. 208,509; Feb. 2; Serial No. 220,661; published Nov. 10, 1925.
Lewis Manufacturing Company, Walpole, assignor, by mesne assignments, to First National Bank of Boston, Boston, and O. Olsen, Milton, Mass., trustees. Absorbent gauze and cotton and waste cotton, bandages, bandage rolls, etc. 208,403; Feb. 2; Serial No. 202,257; published Nov. 10, 1925.
Lexington Coffee Company, Lexington, Ky. Coffee. 208,471; Feb. 2; Serial No. 211,171; published Nov. 17, 1925.
Licht Brothers & Company, St. Louis, Mo. Hosiery. 208,618; Feb. 2; Serial No. 171,463; published Apr. 7, 1925.
Livingston Seed Co., The, Columbus, Ohio. Garden, flower, and field seeds. 50,530; renewed Mar. 20, 1926.
Lloyd Brothers, assignor to Lloyd Brothers, Pharmacists, Inc., Cincinnati, Ohio. Antiseptics. 50,515; renewed Mar. 20, 1926.
Lloyd Brothers, assignor to Lloyd Brothers, Pharmacists, Inc., Cincinnati, Ohio. Pharmaceutical preparations. 50,517; renewed Mar. 20, 1926.
Los Angeles Soap Company; Los Angeles Soap Company, Los Angeles, Calif., successor. Soap. 27,965; renewed Mar. 17, 1926.
Louisville Bedding Company, Louisville, Ky. Mattresses and pillows. 208,468; Feb. 2; Serial No. 216,841; published Nov. 17, 1925.
Lowin, Maurice, doing business as Morwin Hosiery Co., New York, N. Y. Hosiery. 208,588; Feb. 2; Serial No. 219,399; published Nov. 10, 1925.
Lowin, Paul, doing business as Durite Hosiery Co., New York, N. Y. Hosiery. 208,587; Feb. 2; Serial No. 219,400; published Nov. 10, 1925.
Luedike, Edward C., La Porte, Ind. Chapped-hand lotion. 208,651; Feb. 2.
Luer Packing Co., The, Los Angeles, Calif. Lard and meats. 208,644; Feb. 2.
Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Drums. 51,729; renewed Apr. 24, 1926.
Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Concertinas and accordions. 53,180; renewed May 29, 1926.
Maish, Chas. A., Co., The, Cincinnati, Ohio. Textile quilts and comforts. 208,622–3; Feb. 2.
Mandis, Anthony K., Washington, D. C.; Anthony K. Mandis, Sacramento, Calif. Remedy for epilepsy. 50,241; renewed Mar. 6, 1926.
Mansfield, Fred C., Company, Johnson Creek, Wis. Evaporated milk. 208,647; Feb. 2.
Maple City Soap Works, Monmouth, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Laundry soap. 49,344; renewed Jan. 30, 1926.
Maple City Soap Works, Monmouth, Ill.; The Procter & Gamble Company, Cincinnati, Ohio, successor. Toilet and laundry soap. 50,684; renewed Mar. 27, 1926.

Maple City Coap Works, Monmouth, Ill.; The Procter & Gamble Company, Cincinnati, Ohio, successor. Soap. 50,856; renewed Apr. 3, 1926.
Marlebe Mfg. Co. (See Strong, Earle S.)
Marshall Field & Company, Chicago, Ill. Cotton piece goods. 208,625; Feb. 2.
Martoccio, F. A., Company, Minneapolis, Minn. Candy bars. 208,545; Feb. 2; Serial No. 213,517; published Nov. 17, 1925.
McAleer, John, & Sons; Margaretta J. McAleer, doing business as John McAleer & Sons, Philadelphia, Pa., successor. Wheat flour. 48,713; renewed Jan. 9, 1926.
McBrady, John E., doing business as J. E. McBrady & Company, Chicago, Ill. Medicinal preparation used as a mouth and throat wash. 208,435; Feb. 2; Serial No. 216,198; published Sept. 8, 1925.
Mechanicsburg Manufacturing Company, Mechanicsburg, Pa. Hosiery. 208,610; Feb. 2; Serial No. 220,077; published Nov. 3, 1925.
Mellwood Distillery Co., Louisville, Ky., assignor to Kentucky Distilleries & Warehouse Co., New York, N. Y. Whisky. 28,038; renewed Mar. 31, 1926.
Menard, Robert P., Macon, Ga. Remedy for headache and neuralgia. 47,601; renewed Nov. 14, 1925.
Menella, Federico, New York, N. Y. Canned vegetables. 208,432; Feb. 2; Serial No. 218,075; published Nov. 10, 1925.
Merrell-Soule Company, Syracuse, N. Y. Condensed mincemeat. 50,242; renewed Mar. 6, 1926.
Millville Pharmacy and Houtmann Bros. (See Houtmann, Andrew P.)
Miltex Cloak & Suit Co., New York, N. Y. Ladies' coats. 208,596; Feb. 2; Serial No. 219,832; published Nov. 3, 1925.
Miltiades Melachrino, Inc., New York, N. Y. Cigarettes. 208,474; Feb. 2; Serial No. 220,413; published Nov. 10, 1925.
Milwaukee Vinegar Co. (See Red Star Yeast and Products Company.)
Mintz, Horowitz and Arick, New York, N. Y. Suits, overcoats, and trousers. 208,595; Feb. 2; Serial No. 219,833; published Nov. 3, 1925.
Miracle Door Company. (See Paine Lumber Company, Limited.)
Mitchell & Frank Knitting Mills, Inc., Buffalo, N. Y. Bathing suits. 208,592; Feb. 2; Serial No. 220,414; published Nov. 10, 1925.
Molby, Walter D., doing business as Molby Mfg. Co., Baldwin City, Kans. Merry-go-rounds, swings, teeters, etc. 208,416; Feb. 2; Serial No. 212,823; published Nov. 10, 1925.
Morin, Charles A., Boston, Mass. Leather shoes. 208,567; Feb. 2; Serial No. 219,295; published Nov. 10, 1925.
Morwin Hosiery Co. (See Lowin, Maurice.)
Mulford, H. K., Company, Philadelphia, Pa. Medicinal mineral oil. 51,647; renewed Apr. 17, 1926.
Mulford, H. K., Company, Philadelphia, Pa. Medicinal preparation in suppository or ointment form. 51,649; renewed Apr. 17, 1926.
Mulford, H. K., Company, Philadelphia, Pa. Granular effervescent salt. 51,650; renewed Apr. 17, 1926.
Murray's Superior Products Co., Chicago, Ill. Hairdressing, hair pomade, and scalp treatment. 208,571; Feb. 2; Serial No. 219,549; published Nov. 10, 1925.
Myers, Hubert A., Laboratories, The, Toledo, Ohio. Apparatus for administering medicinal preparations to persons. 208,502; Feb. 2; Serial No. 217,411; published Oct. 13, 1925.
National Cardoscope Co., Inc., San Francisco, Calif. Self-erasing memorandum pads. 208,551; Feb. 2; Serial No. 192,218; published Oct. 20, 1925.
National Coated Paper Corporation, Pawtucket, R. I. Coated paper. 208,546; Feb. 2; Serial No. 212,194; published Sept. 15, 1925.
National Grocer Company, Chicago, Ill.; National Grocer Company, Detroit, Mich. Sirup and molasses. 52,182; renewed May 1, 1926.
National Vulcanized Fibre Company, Wilmington, Del. Insulating paper and vulcanized fiber for electrical insulation. 208,639; Feb. 2.
Neal, Hardy F., doing business as Neal Manufacturing Company, Inc., New York, N. Y. Self-operating baseball games. 208,598; Feb. 2; Serial No. 221,072; published Nov. 17, 1925.
Nest-O-Line Company. (See Scowen, Agatha.)
New Era Optical Co., Chicago, Ill. Ophthalmic lenses. 208,507; Feb. 2; Serial No. 220,564; published Nov. 10, 1925.
New Jersey Motors, Inc., Keyport, N. J. Internal-combustion engines and parts thereof. 208,399; Feb. 2; Serial No. 197,163; published Nov. 10, 1925.
Nicholson File Company, Providence, R. I. Files and rasps. 49,411; renewed Feb. 6, 1926.
Nicholson File Company, Providence, R. I., and Beaver Falls, Pa.; Nicholson File Company, Providence, R. I. Files and rasps. 50,135; renewed Mar. 6, 1926.
Nicholson File Company, Providence, R. I. Files, rasps, and handles and holders therefor. 50,137; renewed Mar. 6, 1926.
Nicholson File Company, Providence, R. I. Files and rasps and handles and holders therefor. 50,880; renewed Apr. 3, 1926.
North Eastern Rubber Co., Elizabeth, N. J. Flaps for automobile rims. 208,400; Feb. 2; Serial No. 193,118; published Nov. 10, 1925.
Nova Sal Laboratories Inc., Brooklyn, N. Y. Preparation for the relief of pain. 208,486; Feb. 2; Serial No. 218,869; published Nov. 10, 1925.
Nova Sal Laboratories Inc., Brooklyn, N. Y. Laxative medicine. 208,495; Feb. 2; Serial No. 216,071; published Nov. 10, 1925.
Oberlin Manufacturing Company, The, Oberlin, Ohio. Drill chucks. 208,563; Feb. 2; Serial No. 218,716; published Nov. 10, 1925.
Olsen, Olaf, et al., trustees. (See Lewis Manufacturing Company, assignor.)
Oshkosh Grass Matting Co., assignor to Deltox Rug Company, Oshkosh, Wis. Rugs, art squares, and matting made of grass twine. 51,533; renewed Apr. 17, 1926.
Oster Manufacturing Company, The, Cleveland, Ohio. Diestocks. 208,556; Feb. 2; Serial No. 218,017; published Nov. 17, 1925.
Otto Roth, Inc., Newark, N. J. Razor blades and safety-razor blades. 208,419; Feb. 2; Serial No. 209,499; published Sept. 1, 1925.
Pacific Piston Ring Co., Los Angeles, Calif. Piston rings. 208,431; Feb. 2; Serial No. 218,656; published Nov. 10, 1925.
Pacific Piston Ring Co., Los Angeles, Calif. Piston rings. 208,487; Feb. 2; Serial No. 218,655; published Nov. 10, 1925.
Paine Lumber Company, Limited, Oshkosh, Wis., assignor to Miracle Door Company, Wilmington, Del., and New York, N. Y. Doors. 53,789; renewed June 12, 1926.
Parke, Davis & Company, Detroit, Mich. Anæsthetics. 208,401; Feb. 2; Serial No. 203,003; published Nov. 10, 1925.
Patent Borax Company, Limited, The, Birmingham, England. Antiseptics, food preservatives, and allied preparations. 27,863; renewed Feb. 25, 1926.
Patten, John B., Fort Wayne, Ind. Electric cigar lighters. 208,421; Feb. 2; Serial No. 207,947; published Sept. 22, 1925.
Peats, Alfred, Chicago, Ill., and New York, N. Y., assignor to Alfred Peats Company, Chicago, Ill. Wall paper. 27,888; renewed Mar. 3, 1926.
Peirce, O. W., Company, La Fayette, Ind. Wheat flour. 51,329; renewed Apr. 10, 1926.
Peirce, O. W., Company, La Fayette, Ind. Coffee. 51,477; renewed Apr. 17, 1926.
Permo-Waver Corporation, Pittsburgh, Pa. Electric hair curlers. 208,422; Feb. 2; Serial No. 204,864; published Feb. 10, 1925.
Peterson, Clyde S., Minneapolis, Minn. Sport jackets. 208,609; Feb. 2; Serial No. 220,082; published Nov. 3, 1925.
Philadelphia Grease Manufacturing Co., The; The Philadelphia Grease Manufacturing Company, Philadelphia, Pa., successor. Lubricating grease. 49,316; renewed Jan. 30, 1926.
Phillips Patents, Limited, London, England. India-rubber plates or pads for attachment to the soles or heels of boots and shoes. 208,634; Feb. 2.
Pittsburgh Trouser Company. (See Jacobson Brothers.)
Piver, L. T., Inc., Wilmington, Del., and New York, N. Y. Rouges and face powders. 208,494; Feb. 2; Serial No. 220,420; published Nov. 10, 1925.
Pollack, Henry, Trunk Co., Dallas, Tex. Trunks, suitcases, traveling bags, etc. 50,615; renewed Mar. 27, 1926.
Porter, Wm. B., doing business as The Ungol Company, McKeesport, Pa. Ointment for skin diseases. 208,508; Feb. 2; Serial No. 220,571; published Nov. 10, 1925.
Potter Confectionery Co., Cambridge, Mass. Candy. 208,565; Feb. 2; Serial No. 219,139; published Nov. 17, 1925.
Procter & Gamble Company, The. (See Maple City Soap Works, assignor.)
Purity Cosmetic Co., Bemidji, Minn. Face cream. 208,452; Feb. 2; Serial No. 220,137; published Nov. 10, 1925.
R. & G. Company. (See Standard Button Company, assignor.)
Rainwater, Pearl, Little Rock, Ark. Play dresses for children. 208,608; Feb. 2; Serial No. 220,139; published Nov. 3, 1925.
Raleigh Haberdasher, Inc., Washington, D. C. Frocks. 208,586; Feb. 2; Serial No. 219,409; published Nov. 3, 1925.
Rathbun Mfg. Co., Inc., Jamestown, N. Y. Condensers. 208,653; Feb. 2.
Red Chief Rubber Company. (See Calhoun, William R.)
Red Horse Mfg. Co. (See Scarborough, M. A.)
Red Jacket Manufacturing Company, Davenport, Iowa. Pump cylinders and pump check valves. 208,621; Feb. 2.
Red Star Yeast and Products Company, doing business as Milwaukee Vinegar Co., Milwaukee, Wis. Vinegar. 208,459; Feb. 2; Serial No. 220,873; published Nov. 17, 1925.
Regal Sport Wear Co., Chicago, Ill. Hats and caps. 208,433; Feb. 2; Serial No. 216,217; published Sept. 8, 1925.
Régnier, Pierre, Moulangis par Crecy-en-Brie, France. Table game board played with pieces. 208,481; Feb. 2; Serial No. 217,834; published Nov. 10, 1925.
Reilly Rubber Company, Los Angeles, Calif. Golf balls. 208,648; Feb. 2.

Rhodes Bros. Incorporated, Tacoma, Wash. Toothbrushes. 208,484; Feb. 2; Serial No. 218,429; published Nov. 10, 1925.
Rich Tool Company, Chicago, Ill. Poppet valves for internal-combustion engines. 208,541; Feb. 2; Serial No. 211,492; published Nov. 10, 1925.
Robitscher & Daum, New York, N. Y. Knit underwear. 208,617; Feb. 2; Serial No. 171,234; published July 29, 1924.
Roessler & Hasslacher Chemical Company, The, New York, N. Y. Chemicals used in the vulcanization of rubber. 208,448; Feb. 2; Serial No. 220,254; published Nov. 10, 1925.
Rose, L., & Co. Limited; L. Rose & Co. Ltd., London, England. Glass bottles. 51,682; renewed Apr. 24, 1926.
Rosenstein Bros., Inc., Paterson, N. J., and New York, N. Y. Artificial-silk faille in the piece. 208,627; Feb. 2.
Rowe, J. H., Company, Portland, Me., and Gloucester, assignor to A. J. Tower Company, Boston, Mass. Oiled clothing. 48,635–6; renewed Jan. 9, 1926.
Rowe, J. H., Company, Portland, Me., and Gloucester, assignor to A. J. Tower Company, Boston, Mass. Oiled clothing. 49,278; renewed Jan. 30, 1926.
Royal Flush Chemical Co., Ilion, N. Y. Hair tonics. 208,569; Feb. 2; Serial No. 219,351; published Nov. 10, 1925.
Rumford Chemical Works, Providence, R. I. Phosphatic powders. 53,230; renewed May 29, 1926.
Russell Manufacturing Company, The, Middletown, Conn. Transmission bands for automobiles. 208,527; Feb. 2; Serial No. 220,576; published Nov. 17, 1925.
Russell, Thos., & Son, Lancaster and Liverpool, assignor to Thos. Russell & Son Watch Co., Limited, London, England. Watches, clocks, and chronometers. 208,633; Feb. 2.
Safety Equipment Service Company, The, Cleveland, Ohio. Spectacles and goggles. 208,477–8; Feb. 2; Serial Nos. 220,476–7; published Nov. 10, 1925.
Scaramelli & Company, Inc., doing business as Serto Packing Co., New York, N. Y. Canned fruits, vegetables, and fish, tomato sauce, and olive oil. 208,427; Feb. 2; Serial No. 183,455; published Nov. 10, 1925.
Scarborough, M. A., doing business as Red Horse Mfg. Co., Clarksville, Ark. Ointment for skin diseases. 208,488; Feb. 2; Serial No. 219,090; published Nov. 10, 1925.
Schmid, Julius, Inc., New York, N. Y. Pacifiers. 208,566; Feb. 2; Serial No. 219,145; published Nov. 10, 1925.
Schoble, Frank, & Co., assignor to Frank Schoble & Co., Philadelphia, Pa. Men's and boys' hats and caps. 50,989; renewed Apr. 3, 1926.
Schoenecker V., Boot & Shoe Company, Milwaukee, Wis. Leather boots and shoes. 52,222; renewed May 1, 1926.
Scowen, Agatha, doing business as Nest-O-Line Company, New York, N. Y. Dandruff remedy. 208,454; Feb. 2; Serial No. 220,090; published Nov. 10, 1925.
Seamless Rubber Company, Inc., The, New Haven, Conn. Atomizers, genuine seamless nipples, tissue finger cots, etc. 208,497; Feb. 2; Serial No. 216,227; published Nov. 10, 1925.
Semon Bache & Company, New York, N. Y. Sheet and picture glass. 50,345; renewed Mar. 13, 1926.
Serto Packing Co. (See Scaramelli & Company, Inc.)
Serv-well Sales Corporation, Chicago, Ill. Magneto chargers. 208,652; Feb. 2.
Shaffer, Cleve T., San Francisco, Calif. Net game similar to tennis. 208,531; Feb. 2; Serial No. 220,039; published Nov. 17, 1925.
Shane, C. B., Co., Chicago, Ill. Overcoats and topcoats. 208,589; Feb. 2; Serial No. 219,208; published Nov. 10, 1925.
Shelby Gum Co., The, Shelby, Ohio. Chewing gum. 208,534; Feb. 2; Serial No. 217,367; published Nov. 17, 1925.
Smidth, F. L., & Co., New York, N. Y. Linings for tube mills. 208,521; Feb. 2; Serial No. 220,976; published Nov. 17, 1925.
Snyder-Welch-Process Corporation, Boston, Mass. Patent leather. 208,503; Feb. 2; Serial No. 217,740; published Oct. 20, 1925.
Société Francaise Trãugolnik, Levallois-Perret, France. Rubber bulbs, water bottles, syringes, etc., and dental rubber. 208,398; Feb. 2; Serial No. 181,653; published Nov. 10, 1925.
Solarine Company. (See Woods Manufacturing Company, assignor.)
Soodsma, Henry, & Company, Paterson, N. J. Canned fruits, vegetables, and fish, sirup, rice, spices, etc. 208,429; Feb. 2; Serial No. 218,878; published Nov. 10, 1925.
Songeins, Theodore, & Co., New York, N. Y. Salves and ointments for the treatment of burns. 208,510; Feb. 2; Serial No. 220,687; published Nov. 10, 1925.
Southern Laboratories, Inc., West Point, Va. Preparation for external application in relieving fatigue and soreness and for use in bathing. 208,549; Feb. 2; Serial No. 203,981; published Nov. 10, 1925.
Sperry Flour Company, San Francisco, Calif. Wheat flour. 208,642; Feb. 2.
Spirittine Chemical Company, Wilmington, N. C. Pinewood oil. 51,506; renewed Apr. 17, 1926.
Standard Button Company, assignor to R & G Company, Attleboro, Mass. Links, sleeve buttons, collar buttons, studs, etc. 50,190; renewed Mar. 6, 1926.
Stevens, Lee, and Pearson Bros., El Centro, Calif. Fresh lettuce, asparagus, and cantaloupes. 208,561; Feb. 2; Serial No. 218,435; published Nov. 17, 1925.
Stewart, Alex, Santa Cruz, Calif. Chicken breeding stock, chicks, and hatching eggs. 208,430; Feb. 2; Serial No. 218,723; published Nov. 10, 1925.
Stockland Road Machinery Co., Minneapolis, Minn. Road-grading machines. 208,524–5; Feb. 2; Serial Nos. 220,744–5; published Nov. 17, 1925.
Storey, Virginia, doing business as Craig Chemical Company, Joplin, Mo. Medicinal preparation for the treatment of syphilis and kindred diseases. 208,447; Feb. 2; Serial No. 220,258; published Nov. 10, 1925.
Stork Company, The; The Stork Company, Boston, Mass., successor. Toilet powder. 50,800; renewed Mar. 27, 1926.
Stork Company, The; The Stork Company, Boston, Mass., successor. Waterproof sheetings. 52,501; renewed May 8, 1926.
Strombeck-Becker Manufacturing Company, Moline, Ill. Toy blocks. 208,599; Feb. 2; Serial No. 221,035; published Nov. 17, 1925.
Strong, Earle S., doing business as Marlebe Mfg. Co., Buffalo, N. Y. Medicated chewing gum. 208,573; Feb. 2; Serial No. 217,371; published Nov. 10, 1925.
Swanson Brothers, Chicago, Ill. Coffee. 208,560; Feb. 2; Serial No. 218,342; published Nov. 17, 1925.
Swift and Company, Chicago, Ill. Creamery butter. 208,415; Feb. 2; Serial No. 213,050; published Nov. 10, 1925.
Tamez, Arturo, San Antonio, Tex. Hair pomade. 208,535; Feb. 2; Serial No. 217,306; published Nov. 10, 1925.
Tashmoo Springs Water Co., Vineyard Haven, Mass. Mineral-spring water, ginger ale, root beer, etc. 208,597; Feb. 2; Serial No. 221,144; published Nov. 17, 1925.
Taylor Instrument Companies, Rochester, N. Y. Pyrometers. 208,492; Feb. 2; Serial No. 220,979; published Nov. 10, 1925.
Tennessee Furniture Corporation. (See Keyser & Co.)
Textile Products Ltd., Memphis, Tenn. Raincoats. 208,577; Feb. 2; Serial No. 218,028; published Nov. 3, 1925.
Thackston, Richard D., doing business as Farmville Lithia Springs Company, Farmville, Va. Lithia water. 208,517; Feb. 2; Serial No. 221,391; published Nov. 17, 1925.
Thomas & Company, Brooklyn, N. Y. Boots and shoes made of leather, fabric, or combinations thereof. 208,635; Feb. 2.
Thompson, Loren O., doing business as L. O. Thompson Company, New York, N. Y. Silk piece goods. 208,437–8; Feb. 2; Serial Nos. 211,069–70; published Oct. 13, 1925.
Thompson, Loren O., doing business as L. O. Thompson Company, New York, N. Y. Silk piece goods. 208,616; Feb. 2; Serial No. 211,068; published Nov. 3, 1925.
Tiedemann, Theo., & Son; Theo. Tiedemann & Sons, Inc., New York, N. Y., successors. Moistproof mailing. 51,849; renewed Apr. 24, 1926.
Tilly's Laboratory, Newark, N. J. Medicinal preparation used in the treatment of coughs, asthma, bronchitis, etc. 208,446; Feb. 2; Serial No. 220,261; published Nov. 10, 1925.
Tower, A. J., Company. (See Rowe, J. H., Company, assignor.)
Tower, A. J., Company, Portland, Me., and Boston, assignor to A. J. Tower Company, Boston, Mass. Waterproof hats. 49,370; renewed Feb. 6, 1926.
Tower, A. J., Company, Portland, Me., and Boston, assignor to A. J. Tower Company, Boston, Mass. Oiled clothing. 49,427; renewed Feb. 6, 1926.
Tower, A. J., Company, assignor to A. J. Tower Company, Boston, Mass. Oiled clothing. 49,700; renewed Feb. 13, 1926.
Tower, A. J., Company, assignor to A. J. Tower Company, Boston, Mass. Oiled clothing of all kinds. 49,756; renewed Feb. 13, 1926.
Tower, A. J., Company, assignor to A. J. Tower Company, Boston, Mass. Oiled clothing. 50,709; renewed Mar. 27, 1926.
Tower, A. J., Company, Portland, Me., and Boston, assignor to A. J. Tower Company, Boston, Mass. Oiled clothing of all kinds. 51,676; renewed Apr. 24, 1926.
Tower, A. J., Company, Portland, Me., and Boston, assignor to A. J. Tower Company, Boston, Mass. Oiled clothing. 51,718; renewed Apr. 24, 1926.
Tower, A. J., Company, Portland, Me., and Boston, assignor to A. J. Tower Company, Boston, Mass. Oiled clothing of all kinds. 51,719; renewed Apr. 24, 1926.
Tower, A. J., Company, Portland, Me., and Boston, assignor to A. J. Tower Company, Boston, Mass. Oiled clothing of all kinds. 53,091; renewed May 29, 1926.
Trinlex Manufacturing Corporation, Montpelier, Ind. Machines for projecting pictures. 208,544; Feb. 2; Serial No. 213,815; published Nov. 10, 1925.
Tucker, J. H., & Company, Limited, Birmingham, England. Electrical adapters, plugs, sockets, etc. 208,641; Feb. 2.
Tydee Company, The. (See Duesing, Louis W.)
Ungol Company, The. (See Porter, Wm. B.)

Union Food Products Co., doing business as Farmaiola Products Co., New York, N. Y. Tomato sauce. 208,434; Feb. 2; Serial No. 217,970; published Nov. 10, 1925.
Union Francaise de Parfumerie et de Maroquinerie, Nice, France. Perfumes, viscous, liquid, and gaseous; perfumery, hair lotions, etc. 208,455–6; Feb. 2; Serial Nos. 220,048–9; published Nov. 10, 1925.
Union Francaise de Parfumerie et de Maroquinerie, Nice, France. Perfumes, facial and hair lotions, etc. 208,528–30; Feb. 2; Serial Nos. 220,050–2; published Nov. 10, 1925.
Union Mills, Boston, Mass., and Hudson, Mechanicsville, and New York, assignor to Union Mills Inc., New York, N. Y. Fleece-lined cotton undershirts and drawers. 48,294; renewed Dec. 19, 1925.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, (Cincinnati), Ohio. Playing cards. 47,992; renewed Dec. 5, 1925.
United States Playing Card Co., The, assignor to The United States Playing Card Company, Cincinnati, (East Norwood), Ohio. Playing cards. 48,386; renewed Dec. 26, 1925.
Usines de l'Allondon S. A., La Plaine, Geneva, Switzerland. Perfumes used in the manufacture of powders, creams, lotions, etc. 208,619; Feb. 2.
Valentin Blatz Brewing Co., Milwaukee, Wis. Bottled lager beer. 49,804; renewed Feb. 20, 1926.
Valentin Blatz Brewing Co., Milwaukee, Wis. Malt extract. 50,080; renewed Mar. 6, 1926.
Vegetarian Food and Nut Co., Washington, D. C. Peanut butter. 208,645; Feb. 2.
Vero Indian River Producers Assn., Vero, Fla. Fresh citrous fruits. 208,650; Feb. 2.
Victor Talking Machine Company, Camden, N. J. Cigars, cigarettes, smoking tobacco, and cigarettes made from cigar tobacco. 208,515; Feb. 2; Serial No. 221,726; published Nov. 17, 1925.
Vio-Scent Sweets Co. (See Downs, George E.)
Voigt & Co.; Voigt & Co., Chattanooga, Tenn., successor. Remedy for indigestion. 53,212; renewed May 29, 1926.
Von Glahn, Elmer C., Corcoran, Calif. Children's wheeled play vehicles. 208,485; Feb. 2; Serial No. 219,359; published Nov. 10, 1925.
Warner Bros. Co., The; The Warner Brothers Company, Bridgeport, Conn. Corsets. 50,062; renewed Feb. 27, 1926.
Warner Bros., The; The Warner Brothers Company, Bridgeport, Conn. Ladies' and children's underwaists. 51,601; renewed Apr. 17, 1926.
Warren Tool and Forge Co., The, Warren, Ohio. Adzes. 208,516; Feb. 2; Serial No. 221,394; published Nov. 17, 1925.
Waterloo Milling Company. (See Ziebold, George W.)
Waterman-Waterbury Company, The, Minneapolis, Minn. Hot-air heating furnaces, both pipe and pipeless. 208,632; Feb. 2.
Weldon Manufacturing Company, Grand Rapids, Mich. Portable fire extinguishers. 208,436; Feb. 2; Serial No. 211,508; published Nov. 10, 1925.
Whitlock, Wm. M. E., Marlboro, Mass. Fresh apples, poultry, eggs, chicks, and vinegar. 208,462; Feb. 2; Serial No. 219,018; published Nov. 17, 1925.
Wholesale Apparel Corporation, New York, N. Y. Dresses. 208,576; Feb. 2; Serial No. 219,096; published Nov. 3, 1925.
Wiessner, John F., & Son's Brewing Company of Baltimore City, Baltimore, Md. Lager beer. 28,008; renewed Mar. 31, 1926.
Wilson, Thos. E., & Co., Chicago, Ill. Footballs. 208,574; Feb. 2; Serial No. 219,099; published Nov. 17, 1925.
Wilson, Thos. E., & Co., Chicago, Ill. Basket balls. 208,575; Feb. 2; Serial No. 219,098; published Nov. 17, 1925.
Wilson-Western Sporting Goods Co., Chicago, Ill. Golf clubs and golf balls. 208,591; Feb. 2; Serial No. 220,438; published Nov. 17, 1925.
Wimelbacher & Rice, New York, N. Y. Fabric gloves. 208,554; Feb. 2; Serial No. 217,594; published Nov. 10, 1925.
Wise Furnace Company, The, Akron, Ohio. Hot-air furnaces. 50,839; renewed Apr. 3, 1926.
Witzell Bros., Baltimore, Md. Deodorant cream. 208,493; Feb. 2; Serial No. 220,985; published Nov. 10, 1925.
Wolo A.-G., (Wolo Ltd.), Zurich, Switzerland. Bath preparation of green pine needles. 208,552; Feb. 2; Serial No. 210,944; published Nov. 10, 1925.
Woods Manufacturing Company, Chicago, Ill., assignor, by mesne assignments, to Solarine Company, Baltimore, Md. Metal polish. 27,826; renewed Feb. 18, 1926.
Wrensch, Henry E., jr., Montclair, N. J. Liniment. 53,944; renewed June 12, 1926.
Wright, J. A., & Co.; J. A. Wright and Co., Inc., Keene, N. H. Polishes. 51,240; renewed Apr. 10, 1926.
Yates, P. B., Machine Company, Beloit, Wis. Knives for woodworking. 208,410; Feb. 2; Serial No. 209,521; published Nov. 10, 1925.
Ziebold, George W., doing business as Waterloo Milling Company, Waterloo, Ill. Wheat flour. 208,445; Feb. 2; Serial No. 220,269; published Nov. 10, 1925.
Zuaro, A., & Son, Brooklyn, N. Y. Loose-packed and canned macaroni. 208,428; Feb. 2; Serial No. 220,055; published Nov. 10, 1925.
Zuercher, C. E., & Co., Chicago, Ill. Imported Swiss Gruyère Swiss. 208,409; Feb. 2; Serial No. 208,629; published Nov. 10, 1925.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Armand Company, The, Des Moines, Iowa. Armand Shampoo. For Shampoo. 29,857; Feb. 2.
Atlas Brewing Company, Chicago, Ill. Atlas for Everybody. For a Malt Beverage. 29,858; Feb. 2.
Brandeis, Madeline, Hollywood, Calif. Kameo Kiddy. For Correspondence Cards. 29,859; Feb. 2.
Colonial Steel Company, Pittsburgh, Pa. Beaver High Speed Steel. For Steel Plates and Bars. 29,860; Feb. 2.
Erco Fisheries. (See Ryder-Turner Co.)
Fleming, Daniel B., Trinidad, Colo. Uncle Dan's Hot Tamales. For Hot Tamales. 29,861; Feb. 2.
Fruit Products Co., of Florida, Eagle Lake, Fla. Florida Gold. For Canned Grapefruit. 29,862; Feb. 2.
Goodrich, Herbert F., doing business as Goodrich Drug Co., Anoka, Minn. Hoff's Liniment. For Liniment. 29,863; Feb. 2.
Goodrich, Herbert F., doing business as Goodrich Drug Co., Anoka, Minn. Hoff's Liniment for Man and Beast. For Liniment. 29,864; Feb. 2.
Hair Net Packers, Inc., New York, N. Y. Happiness. For Hair Nets. 29,865; Feb. 2.
Hair Net Packers, Inc., New York, N. Y. Sally. For Hair Nets. 29,866; Feb. 2.
Hub Hosiery Mills, Boston, Mass. Lucky Dux. For Infants' Hose. 29,867; Feb. 2.
Johnston Paint, R. F., Company, The, Cincinnati, Ohio. Swanee-Lac. For Paints. 29,868; Feb. 2.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. American Beauty #1. For Veal Liver. 29,869; Feb. 2.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. American Beauty #2. For Fresh Sausage. 29,870; Feb. 2.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. American Beauty #3. For Pork Sausage. 29,871; Feb. 2.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. American Beauty #4. For Pork Tenderloins. 29,872; Feb. 2.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. American Beauty #5. For Beef Fat. 29,873; Feb. 2.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. American Beauty #6. For Veal Sweetbreads. 29,874; Feb. 2.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. American Beauty #7. For Beef Sweetbreads. 29,875; Feb. 2.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. American Beauty #8. For Beef Brains. 29,876; Feb. 2.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. American Beauty #9. For Pork Brains. 29,877; Feb. 2.
Kahn's, E., Sons Company, The, Cincinnati, Ohio. American Beauty #10. For Meat. 29,878; Feb. 2.
Lavendor Cigar Co., Inc., Hammond, Ind. What The Country Needs Is A Good 5¢ Cigar, Tom Marshall. For Cigars. 29,879; Feb. 2.
Martin, William E., doing business as Martin & Martin Mfrs., Chicago, Ill. Help. For a Cleanser and Water Softener. 29,882; Feb. 2.
McCalvey, W. E., Company, Springfield, Ohio. Velvetola (#1). For a Bottle Containing Beautifier. 29,880; Feb. 2.
McCalvey, W. E., Company, Springfield, Ohio. Velvetola (#2). For a Directions Label on a Bottle Containing Beautifier. 29,881; Feb. 2.
Messing Bakeries, Inc., New York, N. Y. United Synagogue. For Bread. 29,883; Feb. 2.
Nature Herb Co., Inc., The, Seattle, Wash. Sen-Gen-Ma. For a Medicinal Preparation. 29,884; Feb. 2.
Old Witch Company, The, Port Chester, N. Y. Try This For—. For Ammonia for General Household Purposes. 29,885; Feb. 2.
Old Witch Company, The, Port Chester, N. Y. Old Witch Extra Strength Ammonia. For Ammonia for General Household Purposes. 29,886; Feb. 2.
Pacific Coast Biscuit Company, Seattle, Wash. Show Me! For Candy. 29,887; Feb. 2.
Petersen, Oddie A., doing business as Petersen Products Co., Brooklyn, N. Y. Pepco Automobile Body Polish. For Automobile Body Polish. 29,888; Feb. 2.
Regelson, Morris, doing business as Regelson's Chemical & Pharmaceutical Laboratories, New York, N. Y. Regelson's Cold Checkers. For a Medicinal Preparation. 29,889; Feb. 2.

Ryder-Turner Co., doing business as Erco Fisheries, Eastport, Me. Erco. For Herring. 29,890; Feb. 2.
Scherf, John G., Andalusia, Ala. American Boy. For Boys' Athletic Underwear. 29,891; Feb. 2.
Smith & Gray, Guinda, Calif. Grip Hand Soap Grip. For Hand Soap Powder. 29,892; Feb. 2.
Vinco Company, Inc., The, New York, N. Y. Vinco Certifies. For Boiler-Treating Powder. 29,893; Feb. 2.
Wiegand & Sons, K., Albert Lea, Minn. Minnesota Dry. For Ginger Ale. 29,894; Feb. 2.
Wishard, Florence M., Estes Park and Denver, Colo. Mrs. Wishard's Cheese Krinkles, New and Tasty. For a Food Delicacy Known as Cheese Krinkles. 29,895; Feb. 2.
Young's Market Company, Los Angeles, Calif. Young's Hotel Biltmore Coffee. For Prepared Coffee. 29,896; Feb. 2.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Atlas Brewing Company, Chicago, Ill. Atlas Certificate Brew. For Malt Beverages. 8,534; Feb. 2.
Bauerlein, Incorporated, New Orleans, La. Yes, Bananas The Body Builder. For Bananas. 8,535; Feb. 2.
Cream of Wheat Co., Minneapolis, Minn. You Don't Often Find A Food So Thoroughly Safeguarded. For Wheat Breakfast Food. 8,536; Feb. 2.
Cream of Wheat Co., Minneapolis, Minn. What A Great University Has Found Out About Your Child. For Wheat Breakfast Food. 8,537; Feb. 2.
Durable Rubber Corporation, Detroit, Mich. Fit-Fast Rubber Soles. For Rubber Soles. 8,538; Feb. 2.
Edison Lamp Works of General Electric Company, Harrison, N. J. Enchantment. For Edison Mazda Lamps. 8,539; Feb. 2.
Hart & Cooley Company, The, New Britain, Conn. Handy Craft, The Magical Toy For Boys. For Mechanical-Toy Construction Units. 8,540; Feb. 2.
Jell-O Company, Inc., The, Le Roy, N. Y. Lemon Jell-O With Tea. For a Dessert Preparation. 8,541; Feb. 2.
Jell-O Company, Inc., The, Le Roy, N. Y. Giro Raspberry Jell-O. For a Dessert Preparation. 8,542; Feb. 2.
Jell-O Company, Inc., The, Le Roy, N. Y. No Doubt You Do Serve Orange Jell-O. For a Dessert Preparation. 8,543; Feb. 2.
Jell-O Company, Inc., The, Le Roy, N. Y. Linn Ball Raspberry Jell-O. For a Dessert Preparation. 8,544; Feb. 2.
Jell-O Company, Inc., The, Le Roy, N. Y. Jack And The Bean Stalk. For a Dessert Preparation. 8,545; Feb. 2.
Jell-O Company, Inc., The, Le Roy, N. Y. Giro 1925 Cherry Jell-O. For a Dessert Preparation. 8,546; Feb. 2.
Jell-O Company, Inc., The, Le Roy, N. Y. Giro Individual Desserts. For a Dessert Preparation. 8,547; Feb. 2.
Jell-O Company, Inc., The, Le Roy, N. Y. Marion Power's Neapolitan Jell-O. For a Dessert Preparation. 8,548; Feb. 2.
Pinkham, Lydia E., Medicine Co., Lynn, Mass. 98 Out Of Every 100 Women Are Benefited. For Vegetable Compound. 8,549; Feb. 2.
Pinkham, Lydia E., Medicine Co., Lynn, Mass. The Best Medicine For Woman's Ills. For Vegetable Compound. 8,550; Feb. 2.
Pinkham, Lydia E., Medicine Co., Lynn, Mass. Healthy Mothers Strong Babies. For Vegetable Compound. 8,551; Feb. 2.
Pinkham, Lydia E., Medicine Co., Lynn, Mass. The Old Folks' Advice. For Vegetable Compound. 8,552; Feb. 2.
Pinkham, Lydia E., Medicine Co., Lynn, Mass. Mothers Of Healthy Children. For Vegetable Compound. 8,553; Feb. 2.
Pinkham, Lydia E., Medicine Co., Lynn, Mass. "I Know It Helped Me." For Vegetable Compound. 8,554; Feb. 2.
Reid, Murdoch & Co., Chicago, Ill. Monarch. For Groceries. 8,555; Feb. 2.
Rochester Packing Co., Inc., Rochester, N. Y. Blue Ribbon. For Pure Pork Sausage. 8,556; Feb. 2.
Venus Perfume Company, Inc., New York, N. Y. Kiki Vials. For Perfumes. 8,557; Feb. 2.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Acme Steel Goods Company, Chicago, Ill. Electrical welding machines. 185,998; Feb. 2.
Adams & Westlake Company, The, Chicago, Ill. Automobile ventilators. 221,733; Feb. 2.
Alcone Knitting Mills, San Francisco, Calif. Knitted sport coats, outer skirts, scarfs, hosiery, etc. 216,664; Feb. 2.
Allied Belting Company, The, Greenville, Ohio. News bags made from cotton material. 203,925; Feb. 2.
American Electric Fusion Corporation, Chicago, Ill. Electric welding machines and parts thereof. 220,440; Feb. 2.
American Spotless Street System, Inc., Petersburg, Va. Metal street waste receptacles. 223,200; Feb. 2.
American Steel and Wire Company of New Jersey, The, Cleveland, Ohio; Chicago, Ill.; Pittsburgh, Pa.; New York, N. Y.; and Worcester, Mass. Woven-wire fencing. 224,943; Feb. 2.
Anderson, William, Menominee, Mich. Rubber inner-tube patches. 223,361; Feb. 2.
Antonoff & Shein Inc., New York, N. Y. Boys' vests, suits, and topcoats. 222,910; Feb. 2.
Apex Stamping Company, Riverdale, Ill. Blowtorches. 222,655; Feb. 2.
Arch-Craft Shoe Shop. (See Cook, Benjamin.)
Arning, Vic, Knoxville, Tenn. Periodical magazine. 222,362; Feb. 2.
Arrow Gauge and Valve Co. Inc., Brooklyn, N. Y. Metal Electric lamps. 223,986; Feb. 2.
Atkins, Kroll & Co., San Francisco, Calif. Gasoline, benzine, petroleum distillate, etc. 224,069; Feb. 2.
Bailey & Company, Inc., Atlanta, Ga. Radio receiving sets, loud speakers, telephone receivers, etc. 223,895; Feb. 2.
Bakelite Corporation, New York, N. Y. Billiard balls, bowling balls, fishing reels, etc. 222,154; Feb. 2.
Bakelite Corporation, New York, N. Y. Handles and ferrules of canes, umbrellas, and parasols. 222,156; Feb. 2.
Bakelite Corporation, New York, N. Y. Grinding wheels and cutting wheels. 222,423; Feb. 2.
Bakelite Corporation, New York, N. Y. Clutch facings, brake linings, and bushings. 222,430; Feb. 2.
Bamberger, L., & Company, Newark, N. J. Coats, suits, dresses, and furs. 214,118; Feb. 2.
Bates, A. J., Company, Webster, Mass. Shoes of leather, rubber, fabric, or of combinations of these materials. 143,086; Feb. 2.
Beaver Products Company, Inc., The, Buffalo, N. Y. Plaster. 205,731; Feb. 2.
Bemis Bro. Bag Company, St. Louis, Mo. Canvas tubing which is principally used for ventilating purposes in mines. 224,171; Feb. 2.
Benaderet, S., Inc., San Francisco, Calif. Cigarettes. 223,833; Feb. 2.
Benedikt Co. (See Rosenwald, Max.)
Berg, F., & Co., Norwalk, Conn. Felt hats for men. 223,834; Feb. 2.
Berkshire Knitting Mills, Wyomissing, Pa. Ladies' full-fashioned hosiery. 222,911; Feb. 2.
Best & Co., Inc., New York, N. Y. Umbrellas. 223,280; Feb. 2.
Best & Co., Inc., New York, N. Y. Handkerchiefs. 223,281; Feb. 2.
Blog Shoe Finding Co. Inc., New York, N. Y. Children's leather shoes. 223,891; Feb. 2.
Brand, William, & Company, New York, N. Y. Hard paper sheets impregnated with phenol condensation product for electrical insulations. 201,739; Feb. 2.
Breynaert, Cyriel, doing business as C. Breynaert Co., Medford, Mass. Cigars. 223,161; Feb. 2.
Brown, Charles H., New York, N. Y. Leather and canvas boots and shoes. 215,501; Feb. 2.
Brown, Edmonds, and Willardson, Salt Lake City, Utah. Eggs and dressed poultry. 202,322; Feb. 2.
Brown, Frances, doing business as Silph Medical Company, New York, N. Y. Preparation for the treatment of obesity. 221,405; Feb. 2.
Browning & Company, Limited, London, England. Timber. 222,439; Feb. 2.
Buckbee, H. W., Rockford Seed Farms Forest City Greenhouses, Rockford, Ill. Seeds, bulbs, and plants. 208,742; Feb. 2.
Bunting Publications, Inc., The, Waukegan, Ill. Publication issued monthly. 223,365; Feb. 2.
Cadwallader-Gibson Co., Inc., Los Angeles, Calif. Lumber for panels and doors. 222,550–61; Feb. 2.
Calcreoine Company, Connersville, Ind. Medical compound for colds, pneumonia, flu, and la grippe. 223,684; Feb. 2.

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Capital Mortgage Corporation, Chicago, Ill. Real-estate first-mortgage bonds. 224,499; Feb. 2.
Carew Manufacturing Company, South Hadley Falls, Mass. Bond paper. 208,454; Feb. 2.
Carillon-Radio Co., Inc., Essex, N. Y. Radio receiving sets. 224,320; Feb. 2.
Carolina Baking Company, Charlotte, N. C. Bread and cake. 218,791; Feb. 2.
Carter Radio Co., Chicago, Ill. Radio plugs, jacks, switches, loops, etc. 223,370; Feb. 2.
Casin, J., & Co., Inc., New York, N. Y. Gloves, underwear, and hosiery. 223,685; Feb. 2.
Chaney, Conrad M., Washington, D. C. Portable houses, knockdown sheds and garages. 223,080; Feb. 2.
Chatillon, John, & Sons, New York, N. Y. Cooks' forks, ice picks, hog scrapers, etc. 219,378; Feb. 2.
Childs, H., & Co. Inc., Pittsburgh, Pa. Shoes. 224,178; Feb. 2.
Colonial Drug & Sales Co., Denver, Colo. Antifreezing compound for radiators. 224,277; Feb. 2.
Conrad & Hoehne, Inc., New York, N. Y. Artists' relief paints. 224,322; Feb. 2.
Continental Tobacco Company, Inc., New York, N. Y. Cigarettes. 223,216; Feb. 2.
Cook, Benjamin, doing business as Arch-Craft Shoe Shop, New York, N. Y. Shoes. 223,622; Feb. 2.
Crowdus, J. W., Drug Co., The, Dallas, Tex. Whisky. 223,690–1; Feb. 2.
Crowley, Milner & Company, Detroit, Mich. Adhesive paste. 223,025; Feb. 2.
De Leon Bandeau Co., St. Louis, Mo. Hat-size reducers for ladies' hats. 223,692; Feb. 2.
De Marinis & Lorie, Inc., New York, N. Y. Ladies' hats. 223,957; Feb. 2.
Diamond, Samuel, New York, N. Y. Dry batteries. 195,504; Feb. 2.
Doremus, Schoen & Co., Inc., New York, N. Y. Archery game. 222,444; Feb. 2.
Drew, E. F., & Co. Inc., New York, N. Y. Paste used for scouring wool. 208,045; Feb. 2.
Drew Pharmacal Co., The. (See Schibener, Charles F.)
Dritz-Traum Co., New York, N. Y. Powdered glass, beads without holes, and crystalline beads. 222,584; Feb. 2.
Duncan, Fox & Co., Inc., New York, N. Y. Cotton drills, sheetings, shirtings, and flannels. 214,785; Feb. 2.
E. & H. Bottling Co., Baltimore, Md. Beverages sold as soft drinks. 224,238; Feb. 2.
Eby, Amos, & Company, Lancaster, Pa. Fertilizer and fertilizer material. 219,867; Feb. 2.
Electric Service Shop. (See Rinkenberger, Herman.)
Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Electric vacuum cleaners and parts thereof. 224,324; Feb. 2.
Electrical Research Laboratories, Chicago, Ill. Radio electrical appliances. 205,159; Feb. 2.
Elgin Silversmith Co., New York, N. Y. Silver and gold novelties, candlesticks, vases, etc. 218,250; Feb. 2.
Elmore Company, The, doing business as The Elmore Thread Company, Spindale, N. Dak. Thread. 212,077; Feb. 2.
Emack, John D., Co., The, Philadelphia, Pa. Roofing slate. 219,883; Feb. 2.
Emmerich, Chas., & Co., Chicago, Ill. Pillows. 225,009; Feb. 2.
Fairfacts Company, Inc., The, New York, N. Y. Containers for electric heaters, and in particular wall recesses for electric heaters for bathrooms. 195,810; Feb. 2.
Fairfax Textile Mills, Inc., New York, N. Y. Woven cotton goods and silk cotton goods. 203,944; Feb. 2.
Fay, Edward J., New York, N. Y. Perfumes. 224,183; Feb. 2.
Federal Rubber Company of Illinois, The, Chicago, Ill., and Cudahy, Wis. Liquid insulating compound. 223,226; Feb. 2.
Fitch, F. W., Company, The, Des Moines, Iowa. Hair tonic. 223,842; Feb. 2.
Flowers, Daniel C., Shawnee, Okla. Salve for eczema, ringworm, itch, etc. 224,184; Feb. 2.
Fluxo Products Company, Inc., Leroy, N. Y. Cleansing preparation having disinfecting and deodorizing properties. 220,338; Feb. 2.
Forbes, Alexander J., doing business as Uncle Al's Radio Shop, Oakland, Calif. Crystal radio receiving sets and parts thereof. 208,749; Feb. 2.
Forbush Shoe Company, The, Grafton, Mass. Leather shoes. 222,318; Feb. 2.
Frank & Brickel, New York, N. Y. Fur coats and fur jackets. 220,606; Feb. 2.
Franklin Porcelain Company, Norristown, Pa. Electrical insulators. 222,502; Feb. 2.
Frublevsky, William, Worcester, Mass. Hair tonic. 225,087; Feb. 2.
Gates, Mills & Driscoll, Inc., Johnstown, N. Y. Gloves. 223,435; Feb. 2.
General Phonograph Corporation of Canada, Ltd., Kitchener, Ontario, Canada. Mechanical motor for talking machines or phonographs or other like musical instruments. 213,233; Feb. 2.
Ginsburg, Hyman W., doing business as Graceline Stout Dress Co., New York, N. Y. Ladies' costumes in one, two, and three piece garments. 213,780; Feb. 2.
Glover, Francis W., doing business as F. W. Glover and Son, Lancaster, Mass. Insecticides. 223,576; Feb. 2.
Gluck, Joseph, New York, N. Y. Silks, silk and cotton, or silk and rayon fabrics. 211,421; Feb. 2.
Goerdes, Fred W., Co., Newark, N. J. Sets of complete radio receiving apparatus and parts thereof. 222,451; Feb. 2.
Goldstein, Joseph, Chair Co. Inc., New York, N. Y. Living-room furniture. 222,742; Feb. 2.
Goshen Manufacturing Company, The, Goshen, Ind. Porch and lawn swings. 219,740; Feb. 2.
Graceline Stout Dress Co. (See Ginsburg, Hyman W.)
Greco, Joseph, doing business as The Greco Game Mfg. Co., New York, N. Y. Parlor board game played with pieces. 223,228; Feb. 2.
Gros, Grenier, Ostorero & Cie., Saint-Claude, Jura, France. Pipes, cigar and cigarette holders, and tobacco pouches. 220,847; Feb. 2.
Gros, Grenier, Ostorero & Cie., Saint-Claude, Jura, France. Pipes, cigar and cigarette holders, and tobacco pouches. 220,849–50; Feb. 2.
H. & W. Company, The, Newark, N. J. Bandeaux, girdles, and belts. 223,120; Feb. 2.
Haig & Haig Mfg. Co. Inc., Rochester, N. Y. Condensers used in electrical apparatus, and particularly radio outfits, apparatus, machines, and supplies. 204,231; Feb. 2.
Haines Hosiery Mills, Inc., Philadelphia, Pa. Hosiery. 223,781; Feb. 2.
Hamilton, M. B., & Co., Leavenworth, Kans. Work gloves, mittens, and gauntlets. 221,824; Feb. 2.
Hamilton, M. B., & Co., Leavenworth, Kans. Work gloves, mittens, and gauntlets. 223,783; Feb. 2.
Hartmann, Carl H., Co. Inc., The, New York, N. Y. Fruit paste for bakers' and confectioners' use. 224,022; Feb. 2.
Haus Neuerburg o. H. G. Trier, Germany. Leaf tobacco, cigars, cigarettes, and chewing and smoking tobacco. 214,727; Feb. 2.
Hazeltine Corporation, Jersey City, N. J. Coils for use in radio and electrical apparatus. 224,090; Feb. 2.
Heck-Conard Co., Inc., The, Kansas City, Mo. Deodorant. 222,676; Feb. 2.
Hermetite Corporation, New York, N. Y. Cotton threads and yarns and silk threads and yarns rendered moisture and air proof. 222,240; Feb. 2.
Holland, Albert H., Petersburg, Ohio. Automobile top dressing. 223,642; Feb. 2.
Ideal Tooth Incorporated, Cambridge, Mass. Artificial teeth. 224,914; Feb. 2.
Imperial Furniture Company, Grand Rapids, Mich. Combination library and dining tables. 220,657; Feb. 2.
International Agricultural Corporation, New York, N. Y. Tablets of fertilizing material. 224,972; Feb. 2.
International Braid Company, Providence, R. I. Shoe, corset, underwear, blouse, etc., lacings. 210,303; Feb. 2.
International Braid Company, Providence, R. I. Shoe, corset, underwear, blouse, etc., lacings. 210,733; Feb. 2.
Jackson Corset Co., Jackson, Mich. Corsets, brassières, bust supporters, step-ins, etc. 212,621; Feb. 2.
Jackson, Lars, doing business as The Lars Jackson Co., Brooklyn, N. Y. Concrete and cement floor hardener. 224,094; Feb. 2.
Jacob, Milton H., Pittsburgh, Pa. Radio receiving sets. 223,846; Feb. 2.
Jaffe Bros., Philadelphia, Pa. Blue-serge suits for men (special brand). 223,903; Feb. 2.
Jageman-Bode Company, Springfield, Ill. Canned fruits, vegetables, and fish, breakfast cereal, vinegar, etc. 219,589; Feb. 2.
Janssen Piano Co., Inc., New York, N. Y. Player pianos. 224,283; Feb. 2.
Johnson, Charles A., San Francisco, Calif. Shoe soles. 218,012; Feb. 2.
Johnston, R. F., Paint Company, The, Cincinnati, Ohio. Paints, paint enamels, thinners, lacquer, primer, etc. 224,336; Feb. 2.
Kenfield, William, doing business as The Keystone Products Company, Royal Oak, Mich. Radio detector crystals. 222,507; Feb. 2.
Keystone Products Company, The. (See Kenfield, William.)
Kimberly-Clark Company, Neenah, Wis. Milk strainers. 224,823; Feb. 2.
Kingman and Walton, Boston, Mass. Monthly magazine. 223,390–1; Feb. 2.
Knewitz, Gerhard, East St. Louis, Ill. Castor oil. 224,337; Feb. 2.
Knobel & Bloom, New York, N. Y. Misses' and little women's suits and dresses. 222,985; Feb. 2.
Knollenberg Milling Company, Quincy, Ill. Wheat flour. 224,192; Feb. 2.
Kollin, B. Bertha, New York, N. Y. Dolls. 223,479; Feb. 2.
Krank, Alfred J., doing business as A. J. Krank Manufacturing Company, St. Paul, Minn. Face lotions. 224,338; Feb. 2.

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Kraus & Co. Inc., Baltimore, Md. Tobacco products. 223,307; Feb. 2.
Kurtz, H. R., & Co., Inc., New York, N. Y. Cotton, and cotton and silk mixture piece goods. 224,339; Feb. 2.
Lacquer & Chemical Corporation, Brooklyn, N. Y. Lacquers, lacquer solvents, spirit varnishes, etc. 216,414; Feb. 2.
Laxa-Raisin Co., The, Cincinnati, Ohio. Fruit laxative. 223,308; Feb. 2.
Le Bron, Frank, New York, N. Y. Tableware, hollow tableware, toilet articles, and jewelry. 209,996; Feb. 2.
Leland Electric Co., The, Dayton, Ohio. Electric motors and generators. 222,685; Feb. 2.
Lenny Rosenzweig Dress Co. Inc., New York, N. Y. Ladies' dresses. 223,126; Feb. 2.
Lesser, Albert D., New York, N. Y. Trousers. 223,127; Feb. 2.
Liberty Electric Corporation of New York, New York, N. Y. Battery chargers. 217,791; Feb. 2.
Limoges China Company, The, Sebring, Ohio. Chinaware. 218,264; Feb. 2.
Liverpool Borax Co, Ltd., The, Liverpool, England. Detergent powder for cleansing receptacles. 214,671; Feb. 2.
Lockwood Co., Waterville, Me. Cotton piece goods, sheets, and pillowcases. 212,010; Feb. 2.
Long's Hat Stores, New York, N. Y. Men's hats. 216,191; Feb. 2.
Lowell-Thomas Shoe Corporation, Newburyport, Mass. Leather shoes. 223,396; Feb. 2.
Male, Harold L., Worcester, Mass. Molds for making toy figures and the material used therewith sold as a unit. 223,311; Feb. 2.
Marbleoid Company, The, New York, N. Y. Art plaques and statuary. 222,932; Feb. 2.
Marbleoid Company, The, New York, N. Y. Construction materials. 222,933; Feb. 2.
Marie de France Laboratories, Inc., New York, N. Y. Perfumery extracts, alcoholic perfumery, talcum powder, etc. 224,099; Feb. 2.
Marlboro Wire Goods Company, Marlboro, Mass. Dish drainers, sponge holders, soap dishes, broilers, plate racks, etc. 222,515; Feb. 2.
Marsh, Chester A., Bay City, Mich. Tire cement. 224,197; Feb. 2.
Marshall Field & Company, Chicago, Ill. Cotton voile in the piece. 223,701; Feb. 2.
Marshall Field & Company, Chicago, Ill. Cotton challies in the piece. 223,702; Feb. 2.
Marshall Field & Company, Chicago, Ill. Cotton voile piece goods. 223,703; Feb. 2.
Martin, Nathan, Co., Inc., New York, N. Y. Silk waste and artificial-silk waste. 223,932; Feb. 2.
Mawhinney Last Company, Brockton, Mass. Mechanical dogs. 223,400; Feb. 2.
McClellan, G. H., and C. L. Jackson, Kansas City, Mo. Preparation for rheumatism. 222,694; Feb. 2.
Metro Electric Co., Chicago, Ill. Complete radio receiving sets, etc. 224,102; Feb. 2.
Miller Bros. Hat Co. Inc., New York, N. Y. Men's hats. 216,686; Feb. 2.
Miller, Mildred, Baltimore, Md. Shoe soles. 224,288; Feb. 2.
Mills Corset Company, Worcester, Mass. Combination one-piece bandeau and girdle. 216,065; Feb. 2.
Missouri Farmers' Association, Incorporated, Columbia, Mo. Wheat flour. 217,041; Feb. 2.
Modern Laundry Machine Manufacturing Company, Kansas City, Mo. Clothes or laundry washing machines. 223,249; Feb. 2.
Morgan, J. G., & Company, New York, N. Y. Electrically-illuminated transparency display signs. 202,756; Feb. 2.
Morgan Knitting Mills, Inc., New York, N. Y. Sweaters, knitted caps, bathing suits, etc. 223,931; Feb. 2.
Motor Improvements, Inc., Newark, N. J. Oil filters. 222,334; Feb. 2.
Mueller Electric Company, Cleveland, Ohio. Connecting clips. 223,100; Feb. 2.
National Biscuit Company, New York, N. Y. Crackers and biscuits. 218,568; Feb. 2.
National Modes Inc., New York, N. Y., Women's and misses' coats, suits, and dresses. 219,298; Feb. 2.
National Powder Paint Co., Minneapolis, Minn. Powdered paint disinfectant. 224,343; Feb. 2.
National Tire & Rubber Company, The, East Palestine, Ohio. Nonmetallic pneumatic tires. 223,252; Feb. 2.
Oakes, Thomas, & Co., Bloomfield, N. J. Cotton and wool fabrics. 216,352; Feb. 2.
Ohio Match Company, The, Wadsworth, Ohio. Matches. 223,592; Feb. 2.
Ohio Match Company, The, Wadsworth, Ohio. Matches. 223,590; Feb. 2.
Old Colony Iron Works. (See Scharff, Adrian C.)
Olmstead Corporation, Springfield, Mass. Corsets, girdles, and underwear for women and children. 222,938; Feb. 2.
Orono Pulp & Paper Company, The, Bangor, Me. Wrapping paper. 219,758; Feb. 2.
Oswego Rayon Corporation, Oswego, N. Y. Lingerie or women's underwear, vests, bloomers, etc. 223,938; Feb. 2.
Packard Motor Car Company, Detroit, Mich. Automobiles, and constructive parts thereof. 223,049; Feb. 2.
Paddy and Theodore, Los Angeles, Calif. Preparation used in the treatment of tuberculosis and asthma. 224,349; Feb. 2.
Pake, Charles E., doing business as Pake Medicine Company, Akron, Ohio. Remedy for indigestion, dyspepsia, etc. 218,079; Feb. 2.
Paper Service Company, The, Arlington Heights, Ohio. Crêped, sulphite and sulphate, bleached and unbleached wrapping paper. 223,186; Feb. 2.
Paraffine Companies, Inc., The, San Francisco, Calif. Prepared floor coverings. 222,759; Feb. 2.
Pardee Brothers & Company, Incorporated, Philadelphia, Pa. Coal. 222,791; Feb. 2.
Patchlesseal Manufacturing Co., New York, N. Y. Chemical compound for making automobile tires puncture-proof. 218,870; Feb. 2.
Pepperell Manufacturing Company, Biddeford, Me.; Opelika, Ala.; and Boston, Mass. Bed sheets and slips, sheeting in the piece, silk fabrics, etc. 224,039–40; Feb. 2.
Pfeiffer, Albert J., Inc., New York, N. Y. Yarns. 224,264; Feb. 2.
Pioneer Paper Company, Los Angeles, Calif. Rolled roofing and asphalt and slate surfaced shingles. 224,353; Feb. 2.
Pioneer Paper Company, Los Angeles, Calif. Rock-surfaced asphalt shingles. 224,357; Feb. 2.
Pioneer Rubber Mills, San Francisco, Calif. Piston packing. 207,144; Feb. 2.
Pollard, W. H., Memphis, Tenn. Canned fruits and vegetables; canned, condensed, and evaporated milk, etc. 221,450–1; Feb. 2.
Powers, Friend & Lichtman, New York, N. Y. Fringes and art needlework. 223,601–2; Feb. 2.
Pratt & Lambert, Inc., Buffalo, N. Y. Primer, surfacer, glazing putty, lacquer polish, etc. 222,632; Feb. 2.
Pro-Lac Milling Company, The, Des Moines, Iowa. Prepared stock food. 224,293; Feb. 2.
Rat, Ernest, Lyon, France. Varicose stockings. 224,049; Feb. 2.
Ray The Hatter, Inc., Waterbury, Conn. Shirts, hats, collars, scarfs, etc. 210,926; Feb. 2.
Record-O-Phone Company, Washington, D. C. Machines for electrically recording and reproducing sound. 223,411–12; Feb. 2.
Record-O-Phone Company, Washington, D. C. Electric-lighting fixtures and electric-lighting-fixture units. 223,413; Feb. 2.
Reichmann Company, Chicago, Ill. Radio receiving sets, parts thereof, and loop antennæ therefor. 223,604; Feb. 2.
Reynolds Aluminum Company, The, New Washington, Ohio. Cast aluminum cooking utensils. 220,469; Feb. 2.
Richardson, Jacob, New York, N. Y. Silver, nickel, and brass polishes. 223,605; Feb. 2.
Riddock Process Corporation, Boston, Mass. Children's shoes 220,808; Feb. 2.
Rinkenberger, Herman, doing business as Electric Service Shop, Bradford, Ill. Radio receiving sets, loud speakers, and radio parts. 220,472; Feb. 2.
Ritter, W. M., Lumber Company, Columbus, Ohio. Lumber and flooring. 223,192–3; Feb. 2.
Ritter, W. M., Lumber Company, The, Columbus, Ohio. Lumber and flooring. 223,195; Feb. 2.
Rockgas Products Company, Wilmington, Del., and Coraopolis, Pa. Liquid hydrocarbon. 215,024; Feb. 2.
Ronox Parmacentical Company, Muncie, Ind. Blood medicine. 224,206; Feb. 2.
Rosenwald, Max, doing business as Benedikt Co., New York, N. Y. Toothbrushes. 224,424; Feb. 2.
Rubico Brush Manufacturers Inc., New York, N. Y. Brushes, dusters, and brooms. 224,052–3; Feb. 2.
S A X Vertical Fan Company, Pittsburgh, Pa. Electric fans. 218,144; Feb. 2.
Santiago Lopez Barredo S. A., Santander, Spain. Preserved fish and canned vegetables. 191,660; Feb. 2.
Scharf, Jacob S., doing business as J. S. Scharf, New York, N. Y. Electric lamp usable also for cooking, etc. 223,944; Feb. 2.
Scharff, Adrian C., doing business as Old Colony Iron Works, Bridgeport, Conn. Smoker stands. 223,336; Feb. 2.
Schibener, Charles F., doing business as The Drew Pharmacal Co., Buffalo, N. Y., and Toronto, Canada. Preparation for the digestive organs and the liver. 224,296; Feb. 2.
Schoeneman, J., Incorporated, Baltimore, Md. Men's coats, vests, trousers, and overcoats. 222,091; Feb. 2.
Schwarz, Max, Textile Corporation, New York, N. Y. Textile fabrics in the piece. 219,455; Feb. 2.
Scott's Business Analysts, Inc., Chicago, Ill. Monthly trade papers. 222,711; Feb. 2.
Seldner & Enequist, Inc., New York, N. Y. Adhesive pastes. 222,146; Feb. 2.

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Seminole Chemical Co., Inc., New York, N. Y. Chemicals known as a boiler compound. 223,199; Feb. 2.
Sentry Keyhole Lock Company, San Francisco, Calif. Keyhole locks. 222,345; Feb. 2.
Shelby Cycle Company, Shelby, Ohio. Bicycles. 224,934; Feb. 2.
Shriver Oil Company, Baltimore, Md. Gasoline, blended gasoline, and hydrocarbon motor fuel. 221,854–5; Feb. 2.
Sigmund Ullman Company, New York, N. Y. Letterpress or typographic inks. 223,342; Feb. 2.
Sigurdson Bros. Inc. (See Warrenton Clam Company.)
Silph Medical Company. (See Brown, Frances.)
Simon Mattress Mfg. Co., San Francisco, Calif. Mattresses. 222,712; Feb. 2.
Skayef Ball Bearing Company, The, Hartford, Conn. Ball bearings, roller bearings, and parts thereof. 222,997; Feb. 2.
Skayef Ball Bearing Company, The, Hartford, Conn. Ball and roller bearings, rings, housings, etc. 222,998; Feb. 2.
Slater, S., & Sons, Inc., Webster, Mass. Cotton and rayon textile fabrics. 221,337–8; Feb. 2.
Sleeper Radio Corporation, New York, N. Y. Radio receiving sets and parts thereof. 224,059; Feb. 2.
Smith, Peter L., Worcester, Mass. Electrically-illuminated crossroad signal stand. 194,958; Feb. 2.
Snia-Viscosa Società Nazionale Industria Applicazioni Viscosa, Turin, Italy. Yarns. 220,925; Feb. 2.
Southern Creameries, Inc., Nashville, Tenn. Sweet butter used for making ice cream. 223,418; Feb. 2.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Candle containers. 206,261; Feb. 2.
Standard Thread Company, New York, N. Y. Thread. 221,931; Feb. 2.
Stanley Works, The, New Britain, Conn. Hinges. 224,935; Feb. 2.
Steiner-Lobman Dry Goods Company, Montgomery, Ala. Work shirts. 223,420; Feb. 2.
Tee-Lok Shingle Company, Chicago, Ill. Shingles. 152,450; Feb. 2.
Tefke, Wald., Helsingfors, Finland. Matches. 221,340; Feb. 2.
Telemac, Limited, London, England. Waterproof and rainproof coats, capes, and overalls. 222,488; Feb. 2.
Texas Glove & Garment Co., Mexia, Tex. Leather and fabric gloves, pants, work shirts, overalls, etc. 222,964; Feb. 2.
Thomas Products, Inc., Boston, Mass. Serviettes. 222,415; Feb. 2.
Toch Brothers, Incorporated, New York, N. Y. Tinters for mortar or plaster compounds. 223,559; Feb. 2.
Toch Brothers, Incorporated, New York, N. Y. Water and stain proofing liquid. 223,560; Feb. 2.
Tomlee Tool Co., Brockton, Mass. Tools for the rims of wheels of motor cars. 223,752; Feb. 2.
Tuttle-Scott Stores, Inc., Toledo, Ohio. Shoes. 223,561–2; Feb. 2.
Uncle Al's Radio Shop. (See Forbes, Alexander J.)
Utility Manufacturing Co., Marysville and Seattle, Wash. Clothespins. 222,291; Feb. 2.
Valco Manufacturing Co., Inc., New York, N. Y. Pyjamas. 208,540; Feb. 2.
Valentine, Henry, Annapolis, Md. Salad dressings. 223,976; Feb. 2.
Virginia Hay & Grain Co., Virginia, Minn. Flour. 215,284; Feb. 2.
Vitamines Company, Limited, Montreal, Quebec, Canada. Food product. 218,031; Feb. 2.
Vogan, Frank C., Philadelphia, Pa. Inductance coils. 222,893; Feb. 2.
Wakefield, F. W., Brass Company, The, Vermillion, Ohio. Electric-lighting fixtures and parts thereof. 223,949; Feb. 2.
Wanamaker, John, New York, New York, N. Y. Corsets. 221,791; Feb. 2.
Warrenton Clam Company, also doing business as Sigurdson Bros. Inc., Warrenton, Oreg. Canned clams. 221,987; Feb. 2.
Wasser, Edwin, Inc., New York, N. Y. Cotton, silk, and artificial-silk fabrics. 222,149; Feb. 2.
Weingarten Bros., New York, N. Y. Brassières, corset brassières, corsets, and girdles. 203,549; Feb. 2.
Western Refining and Oil Company, Davenport, Iowa. Gasoline. 191,211; Feb. 2.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric-lighting fixtures and electric-lighting-fixture units. 223,671; Feb. 2.
Westminster, Ltd., New York, N. Y. Hosiery. 222,807; Feb. 2.
Willard, Daniel H., Miami, Fla. Silk, cotton, woolen and artificial silk piece goods and combinations of same. 221,222; Feb. 2.
Willard Storage Battery Company, Cleveland, Ohio. Storage batteries and parts thereof. 223,673; Feb. 2.
Winter & Co., Inc., New York, N. Y. Musical instruments. 222,360; Feb. 2.
Wyman, Partridge & Co., Minneapolis, Minn. Work clothing, including work shirts, pants, overalls, etc. 220,383; Feb. 2.
Zeman, Otto, Chicago, Ill. Spectacles, eyeglasses, goggles, and lens. 217,595; Feb. 2.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Birds, Song. M. Geisler. 50,853; renewed Apr. 3, 1926.
Hides. Lackawanna Leather Company. 208,414; Feb. 2; Serial No. 213,244; published Oct. 27, 1925.
Leather, Patent. Snyder-Welch-Process Corporation. 208,503; Feb. 2; Serial No. 217,740; published Oct. 20, 1925.
Seeds, Agricultural and horticultural. Peter Henderson & Co. 52,492; renewed May 8, 1926.
Seeds, Garden, flower, and field. Livingston Seed Co. 50,530; renewed Mar. 20, 1926.

CLASS 2.

Burial vault. A. C. Fritz. 208,444; Feb. 2; Serial No. 220,287; published Nov. 10, 1925.

CLASS 3.

Trunks, suitcases, traveling bags, satchels, and telescopes. Henry Pollack Trunk Co. 50,615; renewed Mar. 27, 1926.

CLASS 4.

Polish, Metal. Woods Manufacturing Company. 27,826; renewed Feb. 18, 1926.
Polishes. J. A. Wright & Co. 51,240; renewed Apr. 10, 1926.
Soap. Los Angeles Soap Co. 27,965; renewed Mar. 17, 1926.
Soap. Maple City Soap Works. 50,856; renewed Apr. 3, 1926.
Soap, Laundry. Maple City Soap Works. 49,344; renewed Jan. 30, 1926.
Soap, Toilet and laundry. Maple City Soap Works. 50,684; renewed Mar. 27, 1926.

CLASS 5.

Adhesive leather cement and rubber cement. Fried-Lang Leather Co. 208,542; Feb. 2; Serial No. 214,790; published Sept. 8, 1925.

CLASS 6.

Anæsthetics. Parke, Davis & Company. 208,461; Feb. 2; Serial No. 203,003; published Nov. 10, 1925.
Antiseptic and prophylactic for treatment of leucorrhea, etc., and diseases of the female organs. J. F. Hrejsa. 208,539–40; Feb. 2; Serial Nos. 216,537–8; published Nov 10, 1925.
Antiseptics. Lloyd Brothers. 50,515; renewed Mar. 20, 1926.
Antiseptics, food preservatives, and allied preparations. Patent Borax Company. 27,863; renewed Feb. 25, 1926.
Baking powder. Crescent Manufacturing Co. 51,340; renewed Apr. 10, 1926.
Bath preparation of green pine needles. Wolo A.-G., (Wolo Ltd.). 208,552; Feb. 2; Serial No. 210,944; published Nov. 10, 1925.
Chemicals used in the vulcanization of rubber. Roessler & Hasslacher Chemical Company. 208,448; Feb. 2; Serial No. 220,254; published Nov. 10, 1925.
Composition to assist in dyeing operations. S. M. Hermann. 208,476; Feb. 2; Serial No. 220,456; published Nov. 10, 1925.
Compound for cleaning automobile radiators. Industrial Water Treatment Co. 208,442; Feb. 2; Serial No. 220,343; published Nov. 10, 1925.
Cough expectorant. Foster Laboratory. 208,457; Feb. 2; Serial No. 219,663; published Nov. 10, 1925.
Cough syrups. A. P. Houtmann. 208,480; Feb. 2; Serial No. 220,535; published Nov. 10, 1925.
Cream, Face. Purity Cosmetic Co. 208,452; Feb. 2; Serial No. 220,137; published Nov. 10, 1925.
Dandruff and skin cure. A. J. Krank. 51,657; renewed Apr. 17, 1926.
Dandruff remedy. A. Scowen. 208,454; Feb. 2; Serial No. 220,090; published Nov. 10, 1925.
Deodorant and preventive of perspiration. E. M. Davis. 208,450; Feb. 2; Serial No. 220,181; published Nov. 10, 1925.

Deodorant cream. Witzell Bros. 208,493; Feb. 2; Serial No. 220,985; published Nov. 10, 1925.
Disinfectants. H. W. Jayne Chemical Co. 27,325; renewed Nov. 26, 1925.
Gum for the relief of acid or sour stomach, Chewing. Bi-Car-Gum Co. 208,479; Feb. 2; Serial No. 220,491; published Nov. 10, 1925.
Hairdressing, hair pomade, and scalp treatment. Murray's Superior Products Co. 208,571; Feb. 2; Serial No. 219,549; published Nov. 10, 1925.
Hair pomade. A. Tamez. 208,535; Feb. 2; Serial No. 217,306; published Nov. 10, 1925.
Hair tonics. Royal Flush Chemical Co. 208,569; Feb. 2; Serial No. 219,351; published Nov. 10, 1925.
Insecticide. Arri Drug & Chemical Company. 208,443; Feb. 2; Serial No. 220,333; published Nov. 10, 1925.
Laxative and cathartic. I. E. Emerson. 208,533; Feb. 2; Serial No. 220,019; published Nov. 10, 1925.
Laxative medicine. Nova Sal Laboratories Inc. 208,495; Feb. 2; Serial No. 216,071; published Nov. 10, 1925.
Liniment. Beltona Limited. 208,538; Feb. 2; Serial No. 216,765; published Nov. 10, 1925.
Liniment. H. F. Fish. 208,513; Feb. 2; Serial No. 220,945; published Nov. 10, 1925.
Liniment. H. E. Wrensch, jr. 53,944; renewed June 12, 1926.
Liquid for preparing sheet metal for pickling, etc. Allied Industrial Products Co. 208,413; Feb. 2; Serial No. 214,307; published Nov. 10, 1925.
Lotion, Chapped-hand. E. C. Luedtke. 208,651; Feb. 2.
Medicated chewing gum. E. S. Strong. 208,573; Feb. 2; Serial No. 217,371; published Nov. 10, 1925.
Medicinal plaster. J. P. S. Grisi. 208,550; Feb. 2; Serial No. 203,332; published Nov. 10, 1925.
Medicinal preparation. V. Storey. 208,447; Feb. 2; Serial No. 220,258; published Nov. 10, 1925.
Medicinal preparation. Tilly's Laboratory. 208,446; Feb. 2; Serial No. 220,261; published Nov. 10, 1925.
Medicinal preparation for poultry. E. F. Leland. 208,440; Feb. 2; Serial No. 220,346; published Nov. 10, 1925.
Medicinal preparation in suppository or ointment form. H. K. Mulford Company. 51,649; renewed Apr. 17, 1926.
Medicinal preparation used as a mouth and throat wash. J. E. McBrady. 208,435; Feb. 2; Serial No. 216,198; published Sept. 8, 1925.
Medicinal preparations. Fairchild Bros. & Foster. 48,682; renewed Jan. 9, 1926.
Oil, Medicinal mineral. H. K. Mulford Company. 51,647; renewed Apr. 17, 1926.
Oil, Pine-wood. Spirittine Chemical Company. 51,506; renewed Apr. 17, 1926.
Ointment. N. Diamond. 208,512; Feb. 2; Serial No. 220,941; published Nov. 10, 1925.
Ointment for skin diseases. W. B. Porter. 208,508; Feb. 2; Serial No. 220,571; published Nov. 10, 1925.
Ointment for skin diseases. M. A. Scarborough. 208,488; Feb. 2; Serial No. 219,090; published Nov. 10, 1925.
Perfumes. D. Jaquet. 208,504–6; Feb. 2; Serial Nos. 220,953–5; published Nov. 10, 1925.
Perfumes. D. Jaquet. 208,514; Feb. 2; Serial No. 220,952; published Nov. 10, 1925.
Perfumes. D. Jaquet. 208,522; Feb. 2; Serial No. 220,956; published Nov. 10, 1925.
Perfumes, facial and hair lotions, etc. Union Francaise de Parfumerie et de Maroquinerie. 208,455–6; Feb. 2; Serial Nos. 220,048–9; published Nov. 10, 1925.
Perfumes, facial and hair lotions, etc. Union Francaise de Parfumerie et de Maroquinerie. 208,528–30; Feb. 2; Serial Nos. 220,050–2; published Nov. 10, 1925.
Perfumes, toilet waters, face, dusting, and talcum powders, etc. Cheramy, Inc. 208,475; Feb. 2; Serial No. 220,445; published Nov. 10, 1925.
Perfumes used in the manufacture of powders, creams, lotions, etc. Usines De l'Allondon S. A. 208,619; Feb. 2.
Pharmaceutical preparation. Lloyd Brothers. 50,517; renewed Mar. 20, 1926.
Phosphatic powders. Rumford Chemical Works. 53,230; renewed May 29, 1926.
Powder, Toilet. Stork Company. 50,800; renewed Mar. 27, 1926.
Preparation for external application. Southern Laboratories, Inc. 208,549; Feb. 2; Serial No. 203,981; published Nov. 10, 1925.
Preparation for neurasthenia. Marius Fraisse and Co. 208,500; Feb. 2; Serial No. 217,019; published Nov. 10, 1925.
Preparation for the relief of pain. Nova Sal Laboratories Inc. 208,486; Feb. 2; Serial No. 218,869; published Nov. 10, 1925.
Preparation for the treatment of anæmia. Marius Fraisse and Co. 208,501; Feb. 2; Serial No. 217,020; published Nov. 10, 1925.
Preparation for the treatment of arteriosclerosis. Marius Fraisse and Co. 208,498; Feb. 2; Serial No. 217,017; published Nov. 10, 1925.
Preparation for the treatment of syphilis. Marius Fraisse and Co. 208,499; Feb. 2; Serial No. 217,018; published Nov. 10, 1925.
Remedy for epilepsy. A. K. Mandis. 50,241; renewed Mar. 6, 1926.
Remedy for headache and neuralgia. R. P. Menard. 47,601; renewed Nov. 14, 1925.
Remedy for indigestion. Voigt & Co. 53,212; renewed May 29, 1926.
Rodenticides. Bayer Company. 208,439; Feb. 2; Serial No. 220,301; published Nov. 10, 1925.
Rouges and face powders. L. T. Piver, Inc. 208,494; Feb. 2; Serial No. 220,420; published Nov. 10, 1925.
Salt, Granular effervescent. H. K. Mulford Company. 51,650; renewed Apr. 17, 1926.
Salts, Bath. F. N. Lewis. 208,509; Feb. 2; Serial No. 220,661; published Nov. 10, 1925.
Salves and ointments. Theodore Sougelas & Co. 208,510; Feb. 2; Serial No. 220,687; published Nov. 10, 1925.
Soldering flux. Grasselli Chemical Co. 27,947; renewed Mar. 10, 1926.
Soldering fluxes. Grasselli Chemical Company. 208,449; Feb. 2; Serial No. 220,227; published Nov. 10, 1925.
Solution to be used in the treatment of neurasthenia, asthma following grippe, etc. Associated Physicians Laboratories. 208,656; Feb. 2.
Toilet cream. La Verne Beauty Products. 208,441; Feb. 2; Serial No. 220,345; published Nov. 10, 1925.
Toilet preparations. A. W. Joslyn. 208,408; Feb. 2; Serial No. 207,788; published Nov. 10, 1925.
Tooth paste. L. and G. Lengyel. 208,553; Feb. 2; Serial No. 209,227; published Aug. 25, 1925.

CLASS 7.

Twine. Fulton Bag & Cotton Mills. 52,482; renewed May 8, 1926.

CLASS 11.

Ink, Lithographic. Fuchs & Lang Manufacturing Co. 28,026; renewed Mar. 31, 1926.

CLASS 12.

Bricks. Decatur Brick Mfg. Co. 208,404; Feb. 2; Serial No. 201,288; published Oct. 20, 1925.
Doors. Paine Lumber Company. 53,789; renewed June 12, 1926.
Flooring. J. E. Higgins Lumber Co. 208,626; Feb. 2.
Lumber of all kinds used for panels and doors. Cadwallader-Gibson Co. 208,624; Feb. 2.

CLASS 15.

Grease and lubricating oils, Cup. Galena Axle Grease Co. 51,465; renewed Apr. 17, 1926.
Grease, Lubricating. Philadelphia Grease Manufacturing Co. 49,316; renewed Jan. 30, 1926.

CLASS 16.

Varnishes. American Varnish Company. 49,960; renewed Feb. 27, 1926.
Varnishes. David B. Crockett Co. 49,883; renewed Feb. 20, 1926.
Varnishes. David B. Crockett Company. 51,222; renewed Apr. 10, 1926.

CLASS 17.

Cigarettes. Miltiades Melachrino, Inc. 208,474; Feb. 2; Serial No. 220,413; published Nov. 10, 1925.
Cigars. Bayuk Cigars Incorporated. 208,451; Feb. 2; Serial No. 220,172; published Nov. 10, 1925.
Cigars. H. L. Haines. 208,615; Feb. 2; Serial No. 220,454; published Nov. 17, 1925.
Cigars, cigarettes, and smoking tobacco. A. Gutierrez. 208,601; Feb. 2; Serial No. 220,654; published Nov. 17, 1925.
Cigars, cigarettes, smoking tobacco, etc. Victor Talking Machine Company. 208,515; Feb. 2; Serial No. 221,726; published Nov. 17, 1925.
Tobacco. W. A. Brown Tobacco Company. 208,412; Feb. 2; Serial No. 215,502; published Nov. 10, 1925.
Tobacco and cigarettes, Smoking. Carreras Limited. 48,095; renewed Dec. 12, 1925.

CLASS 21.

Batteries, Separators for storage. Ermet Products Company. 208,638; Feb. 2.
Batteries, Storage and other. S. P. Hatfield. 208,640; Feb. 2.
Cigar lighters, Electric. J. B. Patten. 208,421; Feb. 2; Serial No. 207,947; published Sept. 22, 1925.
Condensers. Rathbun Mfg. Co., Inc. 208,653; Feb. 2.
Electric fixtures. Incandescent Supply Company. 208,424; Feb. 2; Serial No. 199,623; published Sept. 15, 1925.
Electrical adapters, plugs, sockets, cut-outs, etc. J. H. Tucker & Company. 208,641; Feb. 2.
Hair curlers, Electric. Permo-Waver Corporation. 208,422; Feb. 2; Serial No. 204,864; published Feb. 10, 1925.
Insulation, Insulating paper and vulcanized fiber for electrical. National Vulcanized Fibre Company. 208,639; Feb. 2.
Magneto chargers. Serwell Sales Corporation. 208,652; Feb. 2.
Radio receiving sets and parts therefor. Experimenter Publishing Company. 208,423; Feb. 2; Serial No. 200,550; published Oct. 6, 1925.
Switches, Electric. Hart & Hegeman Mfg. Co. 51,743; renewed Apr. 24, 1926.

CLASS 22.

Baseball games. H. F. Neal. 208,598; Feb. 2; Serial No. 221,072; published Nov. 17, 1925.
Basket balls. Thos. E. Wilson & Co. 208,575; Feb. 2; Serial No. 219,098; published Nov. 17, 1925.
Bowling-alley pin setters and supplies and equipment therefor. Brunswick-Balke-Collender Company. 208,402; Feb. 2; Serial No. 202,609; published Nov. 10, 1925.
Cards, Playing. United States Playing Card Co. 47,992; renewed Dec. 5, 1925.
Cards, Playing. United States Playing Card Co. 48,386; renewed Dec. 26, 1926.
Dolls. Albert Bruckner's Sons. 208,526; Feb. 2; Serial No. 220,700; published Nov. 17, 1925.
Dolls. E. I. Horsman Co. Inc. 208,519; Feb. 2; Serial No. 221,014; published Nov. 17, 1925.
Dolls. Ideal Novelty & Toy Co. 208,649; Feb. 2.
Exercising apparatus. L. Frankenfeld. 208,469; Feb. 2; Serial No. 215,204; published Nov. 17, 1925.
Fishing tackle. Frost Fishing Tackle Company. 208,417; Feb. 2; Serial No. 210,899; published Nov. 3, 1925.
Footballs. Thos. E. Wilson & Co. 208,574; Feb. 2; Serial No. 219,099; published Nov. 17, 1925.
Game, Net. C. T. Shaffer. 208,531; Feb. 2; Serial No. 220,039; published Nov. 17, 1925.
Game played with pieces, Table board. P. Régnier. 208,481; Feb. 2; Serial No. 217,834; published Nov. 10, 1925.
Golf balls. Reilly Rubber Company. 208,648; Feb. 2.
Golf clubs and balls. Wilson-Western Sporting Goods Co. 208,591; Feb. 2; Serial No. 220,438; published Nov. 17, 1925.
Merry-go-rounds, swings, teeters, etc. W. D. Molby. 208,416; Feb. 2; Serial No. 212,823; published Nov. 10, 1925.
Railroads, Miniature. American Flyer Mfg. Co. 208,453; Feb. 2; Serial No. 220,102; published Nov. 10, 1925.
Teeters, slides and whirligigs. A. O. Edwards. 208,600; Feb. 2; Serial No. 220,768; published Nov. 17, 1925.
Toy blocks. Strombeck-Becker Manufacturing Company. 208,599; Feb. 2; Serial No. 221,035; published Nov. 17, 1925.
Toys, Mechanical. Huber-Sweet Mfg. Co. 208,458; Feb. 2; Serial No. 219,432; published Nov. 10, 1925.
Vehicles. Children's wheeled play. E. C. von Glahn. 208,485; Feb. 2; Serial No. 219,359; published Nov. 10, 1925.

CLASS 23.

Adzes. Warren Tool and Forge Co. 208,516; Feb. 2; Serial No. 221,394; published Nov. 17, 1925.
Bearings, Ball. Hess-Bright Manufacturing Co. 50,105; renewed Mar. 6, 1926.
Diestocks. Hart Manufacturing Co. 49,311; renewed Jan. 30, 1926.
Diestocks. Oster Manufacturing Company. 208,556; Feb. 2; Serial No. 218,017; published Nov. 17, 1925.
Drill chucks. Oberlin Manufacturing Company. 208,563; Feb. 2; Serial No. 218,716; published Nov. 10, 1925.
Engines and parts thereof, Internal-combustion. New Jersey Motors, Inc. 208,399; Feb. 2; Serial No. 197,163; published Nov. 10, 1925.
Files and rasps. Nicholson File Company. 49,411; renewed Feb. 6, 1926.
Files and rasps. Nicholson File Company. 50,135; renewed Mar. 6, 1926.
Files and rasps and handles and holders therefor. Nicholson File Company. 50,880; renewed Apr. 3, 1926.
Files, rasps, and handles and holders therefor. Nicholson File Company. 50,137; renewed Mar. 6, 1926.
Fire extinguishers. Portable. Weldon Manufacturing Company. 208,436; Feb. 2; Serial No. 211,508; published Nov. 10, 1925.
Grading machines, Road-. Stockland Road Machinery Co. 208,524; Feb. 2; Serial No. 220,745; published Nov. 17, 1925.
Ice-shaving machines. C. C. Clawson. 51,983–4; renewed May 1, 1926.
Knife, Pocket, desk, or sewing-basket. Kwik-Kut Knife Company. 208,405; Feb. 2; Serial No. 206,242; published Nov. 10, 1925.
Knives for woodworking. P. B. Yates Machine Company. 208,410; Feb. 2; Serial No. 209,521; published Nov. 10, 1925.
Linings for tube mills. F. L. Smidth & Co. 208,521; Feb. 2; Serial No. 220,976; published Nov. 17, 1925.
Locomotive beds, cradles, ash pans, buffer pockets, etc. Commonwealth Steel Company. 208,559; Feb. 2; Serial No. 218,052; published Nov. 17, 1925.
Pump cylinders and pump check valves. Red Jacket Manufacturing Company. 208,621; Feb. 2.
Razor blades and safety-razor blades. Otto Roth, Inc. 208,419; Feb. 2; Serial No. 209,499; published Sept. 1, 1925.
Road-grading machines. Stockland Road Machinery Co. 208,525; Feb. 2; Serial No. 220,744; published Nov. 17, 1925.
Rock crushers, elevators, screens, graders, etc. Good Roads Machinery Company, Inc. 208,520; Feb. 2; Serial No. 221,006; published Nov. 17, 1925.
Tools and weights for textile machines, Band-tying. Cook-Taylor Co. 208,543; Feb. 2; Serial No. 214,648; published Nov. 17, 1925.
Truck apparatus, Auto. Auto Truck Industrial Appliances, Inc. 208,523; Feb. 2; Serial No. 220,881; published Nov. 17, 1925.
Valves for internal-combustion engines, Poppet. Rich Tool Company. 208,541; Feb. 2; Serial No. 211,492; published Nov. 10, 1925.

CLASS 24.

Laundry nets. Hooper Sons' Manufacturing Co. 208,636; Feb. 2.

CLASS 26.

Lens, measuring gauges. Federal Products Corporation. 208,564; Feb. 2; Serial No. 218,805; published Nov. 10, 1925.
Lenses, Ophthalmic. New Era Optical Co. 208,507; Feb. 2; Serial No. 220,564; published Nov. 10, 1925.
Measuring flue aggregates for concrete, Machines for. Blaw-Knox Company. 208,536; Feb. 2; Serial No. 217,202; published Nov. 10, 1925.
Pictures, Machines for projecting. Triplex Manufacturing Corporation. 208,544; Feb. 2; Serial No. 213,815; published Nov. 10, 1925.
Pyrometers. Taylor Instrument Companies. 208,492; Feb. 2; Serial No. 220,979; published Nov. 10, 1925.
Spectacles and goggles. Safety Equipment Service Company. 208,477–8; Feb. 2; Serial Nos. 220,476–7; published Nov. 10, 1925.
Thermostatic device. Honeywell Heating Specialties Co. 208,555; Feb. 2; Serial No. 217,879; published Nov. 10, 1925.

CLASS 27.

Watches, clocks, and chronometers. Thos. Russell & Son. 208,633; Feb. 2.

CLASS 28.

Links, sleeve buttons, collar buttons, studs, and blouse button sets. Standard Button Company. 50,190; renewed Mar. 6, 1926.
Silver flatware, hollow ware, and tableware, Sterling-. Theodore W. Foster & Bro. Co. 50,670; renewed Mar. 27, 1926.
Silver-plated ware. Homan Silver Plate Co. 27,974; renewed Mar. 17, 1926.

CLASS 29.

Toothbrushes. Forhan Company. 208,411; Feb. 2; Serial No. 210,544; published Nov. 10, 1925.
Toothbrushes. Rhodes Bros. Incorporated. 208,484; Feb. 2; Serial No. 218,429; published Nov. 10, 1925.

CLASS 30.

Pottery, earthenware, and china. Doulton & Co. Limited. 50,410; renewed Mar. 13, 1926.

CLASS 31.

Refrigerators. Keyser & Co. 27,585; renewed Dec. 31, 1925.

CLASS 32.

Chairs, settees, couches, tables, etc. Buoyant Upholstery Company. 208,580; Feb. 2; Serial No. 215,400; published Nov. 10, 1925.
Display or show case for merchandise. E. C. Essinger. 208,461; Feb. 2; Serial No. 219,620; published Nov. 17, 1925.
Mattresses and pillows. Louisville Bedding Company. 208,468; Feb. 2; Serial No. 216,841; published Nov. 17, 1925.
Mirrors. Fiberloid Corporation. 208,418; Feb. 2; Serial No. 210,296; published Nov. 10, 1925.
Shades, Porch. Aeroshade Company. 208,583; Feb. 2; Serial No. 219,794; published Nov. 17, 1925.

CLASS 33.

Bottles, Glass. L. Rose & Co. 51,682; renewed Apr. 24, 1926.
Glass, Sheet and picture. Semon Bache & Company. 50,345; renewed Mar. 13, 1926.
Glassware, Pressed. A. H. Heisey & Co. 50,121; renewed Mar. 6, 1926.

CLASS 34.

Dampers. S. H. Howes Company. 52,046; renewed May 1, 1926.
Furnaces, both pipe and pipeless, Hot-air heating. Waterman-Waterbury Company. 208,632; Feb. 2.
Furnaces, Hot-air. Wise Furnace Company. 50,839; renewed Apr. 3, 1926.
Heating and cooking apparatus. F. & L. Kahn & Bros. 27,832; renewed Feb. 18, 1926.
Radiators, hot-air registers, and heaters, Metal cabinets for. Dixie Metal Products Co. 208,407; Feb. 2; Serial No. 208,578; published Oct. 20, 1925.

CLASS 35.

Brake linings. Allbestos Corporation. 208,628; Feb. 2.
Flaps for automobile rims. North Eastern Rubber Co. 208,400; Feb. 2; Serial No. 193,118; published Nov. 10, 1925.

Lining, Ford transmission. Atlas Asbestos Company. 208,473; Feb. 2; Serial No. 201,319; published Nov. 17, 1925.
Piston rings. Pacific Piston Ring Co. 208,431; Feb. 2; Serial No. 218,656; published Nov. 10, 1925.
Piston rings. Pacific Piston Ring Co. 208,487; Feb. 2; Serial No. 218,655; published Nov. 10, 1925.
Tires, Inner tubes for. W. R. Calhoun. 208,548; Feb. 2; Serial No. 206,939; published Nov. 17, 1925.
Tires, Inner tubes for pneumatic vehicle. Goodyear Tire & Rubber Company. 208,406; Feb. 2; Serial No. 207,240; published Nov. 10, 1925.
Transmission bands for automobiles. Russell Manufacturing Company. 208,527; Feb. 2; Serial No. 220,576; published Nov. 17, 1925.

CLASS 36.

Concertinas and accordions. Lyon & Healy. 53,180; renewed May 29, 1926.
Drums. Lyon & Healy. 51,729; renewed Apr. 24, 1926.

CLASS 37.

Pads, Memorandum. National Cardoscope Co. 208,551; Feb. 2; Serial No. 192,218; published Oct. 20, 1925.
Paper, Coated. National Coated Paper Corporation. 208,546; Feb. 2; Serial No. 212,194; published Sept. 15, 1925.
Paper, Printed Craft. Central States Paper Distributing Co. 208,558; Feb. 2; Serial No. 218,050; published Oct. 20, 1925.
Paper, Wall. A. Peats. 27,888; renewed Mar. 3, 1926.
Papers made from wood pulp. International Paper Company. 50,974; renewed Apr. 3, 1926.
Pens, Fountain. Century Pen Company. 51,262; renewed Apr. 10, 1926.

CLASS 38.

Magazine, Monthly. Athlete and Sportsman Company. 208,472; Feb. 2; Serial No. 203,781; published Dec. 3, 1924.
Newspaper, Weekly. Curtis Guild & Co. 49,123; renewed Jan. 23, 1926.

CLASS 39.

Band, Infant's. Boston Knitting Mills, Inc. 208,614; Feb. 2; Serial No. 220,492; published Nov. 10, 1925.
Bathing suits. Gulterman Bros., Inc. 208,611; Feb. 2; Serial No. 220,069; published Nov. 3, 1925.
Boots and shoes. Thomas & Company. 208,635; Feb. 2.
Boots and shoes, Leather. V. Schoenecker Boot & Shoe Company. 52,222; renewed May 1, 1926.
Boots, Rubber. Goodyear Rubber Company. 48,007; renewed Dec. 5, 1925.
Boots, shoes, and slippers, Leather. Preston B. Keith Shoe Company. 53,228; renewed May 29, 1926.
Caps, Ladies' house or dust. L. W. Duesing. 208,572; Feb. 2; Serial No. 219,731; published Nov. 10, 1925.
Clothing, Oiled. A. J. Tower Company. 49,427; renewed Feb. 6, 1926.
Clothing, Oiled. A. J. Tower Company. 49,700; renewed Feb. 13, 1926.
Clothing, Oiled. A. J. Tower Company. 49,756; renewed Feb. 13, 1926.
Clothing, Oiled. A. J. Tower Company. 50,709; renewed Mar. 27, 1926.
Clothing, Oiled. A. J. Tower Company. 51,676; renewed Apr. 24, 1926.
Clothing, Oiled. A. J. Tower Company. 51,718–19; renewed Apr. 24, 1926.
Clothing, Oiled. A. J. Tower Company. 53,091; renewed May 29, 1926.
Clothing, Oiled. J. H. Rowe Company. 48,635–6; renewed Jan. 9, 1926.
Clothing, Oiled. J. H. Rowe Company. 49,278; renewed Jan. 30, 1926.
Coats, Ladies'. Miltex Cloak & Suit Co. 208,596; Feb. 2; Serial No. 219,832; published Nov. 3, 1925.
Corsets. Warner Bros. Co. 50,062; renewed Feb. 27, 1926.
Dresses. P. Golinko. 208,607; Feb. 2; Serial No. 220,188; published Nov. 3, 1925.
Dresses. Wholesale Apparel Corporation. 208,576; Feb. 2; Serial No. 219,096; published Nov. 3, 1925.
Dresses for children, Play. P. Rainwater. 208,608; Feb. 2; Serial No. 220,139; published Nov. 3, 1925.
Dresses, Ladies' and misses'. John V. Farwell Company. 208,620; Feb. 2.
Dresses, Women's. Cohn & Holt. 208,590; Feb. 2; Serial No. 220,449; Feb. 2.
Frocks. Raleigh Haberdasher, Inc. 208,586; Feb. 2; Serial No. 219,409; published Nov. 3, 1925.
Gloves, Fabric. Wimelbacher & Rice. 208,554; Feb. 2; Serial No 217,594; published Nov. 10, 1925.
Gowns. L. Friedlander. 208,603; Feb. 2; Serial No. 220,339; published Nov. 10, 1925.
Hats and caps. Regal Sport Wear Co. 208,433; Feb. 2; Serial No. 216,217; published Sept. 8, 1925.
Hats and caps, Men's and boys'. Frank Schoble & Co. 50,989; renewed Apr. 3, 1926.
Hats, Waterproof. A. J. Tower Company. 49,370; renewed Feb. 6, 1926.
Hosiery. Licht Brothers & Company. 208,618; Feb. 2; Serial No. 171,463; published Apr. 7, 1925.
Hosiery. P. Lowin. 208,587; Feb. 2; Serial No. 219,400; published Nov. 10, 1925.
Hosiery. M. Lowin. 208,588; Feb. 2; Serial No. 219,399; published Nov. 10, 1925.
Hosiery. Mechanicsburg Manufacturing Company. 208,610; Feb. 2; Serial No. 220,077; published Nov. 3, 1925.
Jackets, Sport. C. S. Peterson. 208,609; Feb. 2; Serial No. 220,082; published Nov. 3, 1925.
Overalls. Globe Overalls Co. 52,884; renewed May 22, 1926.
Overalls and work suits. Great Six Overalls, Inc. 208,606; Feb. 2; Serial No. 220,228; published Nov. 3, 1925.
Overalls, Men's. Chicago Mail Order Company. 208,602; Feb. 2; Serial No. 220,396; published Nov. 10, 1925.
Overalls, work shirts, and pants. Adam, Meldrum & Anderson Co. 208,593; Feb. 2; Serial No. 220,057; published Nov. 3, 1925.
Overcoats and topcoats. C. B. Shane Co. 208,589; Feb. 2; Serial No. 219,208; published Nov. 10, 1925.
Raincoats. Textile Products Ltd. 208,577; Feb. 2; Serial No. 218,028; published Nov. 3, 1925.
Rubber plates or pads for attachment to the soles or heels of boots and shoes, India. Phillips' Patents, Limited. 208,634; Feb. 2.
Shirts. Max Hyman & Son, Inc. 208,605; Feb. 2; Serial No. 220,235; published Nov. 3, 1925.
Shirts, undershirts, and underwear, Men's. Hansley Mills. 208,594; Feb. 2; Serial No. 220,023; published Nov. 10, 1925.
Shoes, Leather. A. J. Bates Co. 53,300; renewed May 29, 1926.
Shoes, Leather. C. A. Morin. 208,567; Feb. 2; Serial No. 219,295; published Nov. 10, 1925.
Suits and outing coats, Bathing. Jantzen Knitting Mills. 208,613; Feb. 2; Serial No. 220,539; published Nov. 10, 1925.
Suits, Bathing. Mitchell & Frank Knitting Mills, Inc. 208,592; Feb. 2; Serial No. 220,414; published Nov. 10, 1925.
Suits, coats, dresses, etc., Ladies'. American Retailers Association, Inc. 208,604; Feb. 2; Serial No. 220,282; published Nov. 10, 1925.
Suits, Men's outer. I. Grossman. 208,584; Feb. 2; Serial No. 219,535; published Nov. 10, 1925.
Suits, overcoats, and trousers. Mintz, Horowitz and Arick. 208,595; Feb. 2; Serial No. 219,833; published Nov. 3, 1925.
Trousers, shirts, sweaters, etc. Jacobson Brothers. 208,557; Feb. 2; Serial No. 218,020; published Oct. 20, 1925.
Undershirts and drawers, Fleece-lined cotton. Union Mills. 48,294; renewed Dec. 19, 1925.
Underwaists, Ladies' and children's. Warner Bros. Co. 51,601; renewed Apr. 17, 1926.
Underwear, Knit. Robitscher & Daum. 208,617; Feb. 2; Serial No. 171,234; published July 29, 1924.

CLASS 40.

Needles. C. H. Crowley. 49,431; renewed Feb. 2, 1926.
Needles. C. H. Crowley. 50,091; renewed Mar. 6, 1926.
Pins, hairpins, clips, and other metal fastening devices, Safety. Consolidated Safety Pin Co. 27,889; renewed Mar. 3, 1926.

CLASS 41.

Canes and umbrellas. Best & Co. 208,579; Feb. 2; Serial No. 216,767; published Nov. 3, 1925.
Umbrellas and parasols. Dorf & Co. 208,582; Feb. 2; Serial No. 219,818; published Nov. 3, 1925.
Umbrellas and parasols. Dorf & Co. 208,612; Feb. 2; Serial No. 220,063; published Nov. 3, 1925.

CLASS 42.

Carpets, Textile. Hardwick & Magee Company. 208,629; Feb. 2.
Cotton cloth. Theo. H. Davies & Co. 208,630; Feb. 2.
Cotton piece goods. Marshall Field & Company. 208,625; Feb. 2.
Faille in the piece, Artificial-silk. Rosenstein Bros., Inc. 208,627; Feb. 2.
Maline, Moistproof. Theo. Tiedemann & Son. 51,849; renewed Apr. 24, 1926.
Quilts and comforts, Textile. Chas. A. Maish Co. 208,622–3; Feb. 2.
Rugs, art squares, and matting made of grass twine. Oshkosh Grass Matting Co. 51,533; renewed Apr. 17, 1926.
Silk knitted fabric, Artificial-. N. Halperin. 208,631; Feb. 2.
Silk piece goods. L. O. Thompson. 208,437–8; Feb. 2; Serial Nos. 211,069–70; published Oct. 13, 1925.
Silk piece goods. L. O. Thompson. 208,616; Feb. 2; Serial No. 211,068; published Nov. 3, 1925.

CLASS 44.

Adhesive plasters. Johnson & Johnson. 208,532; Feb. 2; Serial No. 220,027; published Nov. 10, 1925.
Atomizers, nipples, finger cots, etc. Seamless Rubber Company. 208,497; Feb. 2; Serial No. 216,227; published Nov. 10, 1925.

Gauze, cotton, and waste cotton, bandages, etc., Absorbent. Lewis Manufacturing Company. 208,403; Feb. 2; Serial No. 202,257; published Nov. 10, 1925.
Gum coating for dentures. Dresch Laboratories Co. 208,511; Feb. 2; Serial No. 220,877; published Nov. 10, 1925.
Medicinal preparations. Apparatus for administering. Hubert A. Myers Laboratories. 208,502; Feb. 2; Serial No. 217,411; published Oct. 13, 1925.
Pacifiers. Julius Schmid, Inc. 208,566; Feb. 2; Serial No. 219,145; published Nov. 10, 1925.
Rubber bulbs, rubber water bottles, rubber gloves, etc. Société Française Trëugolnik. 208,398; Feb. 2; Serial No. 181,653; published Nov. 10, 1925.

CLASS 45.

Beverage. A. W. Deane. 208,483; Feb. 2; Serial No. 218,394; published Nov. 10, 1925.
Beverages and sirups for making same. Broadway Beverage Corporation. 208,425; Feb. 2; Serial No. 199,217; published Sept. 29, 1925.
Beverages sold as soft drinks and sirups and extracts for making the same. Gray Manufacturing Company. 208,496; Feb. 2; Serial No. 216,175; published Nov. 10, 1925.
Lithia water. R. D. Thackston. 208,517; Feb. 2; Serial No. 221,391; published Nov. 17, 1925.
Orange drink. Exchange Orange Products Company. 208,518; Feb. 2; Serial No. 221,174; published Nov. 17, 1925.
Sirups, flavorings, tonics, and extracts for nonintoxicating beverages. Bovril Limited. 48,907; renewed Jan. 16, 1926.

CLASS 46.

Apples, poultry, live broilers, eggs, etc. W. M. E. Whitlock. 208,462; Feb. 2; Serial No. 219,018; published Nov. 17, 1925.
Biscuits and cakes. Huntley & Palmers, Ltd. 51,766; renewed Apr. 24, 1926.
Butter, Creamery. Swift and Company. 208,415; Feb. 2; Serial No. 213,050; published Nov. 10, 1925.
Candy. G. E. Downs. 208,585; Feb. 2; Serial No. 219,419; published Nov. 17, 1925.
Candy. Potter Confectionery Co. 208,565; Feb. 2; Serial No. 219,139; published Nov. 17, 1925.
Candy bars. F. A. Martoccio Company. 208,545; Feb. 2; Serial No. 213,517; published Nov. 17, 1925.
Canned extract of green corn. Haserot Canneries Company. 51,866; renewed Apr. 24, 1926.
Canned fruits and vegetables, olives, and coffee. Chandler and Rudd Company. 208,547; Feb. 2; Serial No. 131,566; published Mar. 24, 1925.
Canned fruits, vegetables, and fish and tomato sauce and olive oil. Scaramelli & Company. 208,427; Feb. 2; Serial No. 183,455; published Nov. 10, 1925.
Canned fruits, vegetables and fish, sirup, rice, spices, etc. Henry Soodsma & Company. 208,429; Feb. 2; Serial No. 218,879; published Nov. 10, 1925.
Canned shrimp and oysters. C. B. Foster Packing Co. 208,578; Feb. 2; Serial No. 218,003; published Nov. 17, 1925.
Canned vegetables. Baxter Bros. Co. 52,242; renewed May 1, 1926.
Canned vegetables. F. Mennella. 208,432; Feb. 2; Serial No. 218,075; published Nov. 10, 1925.
Caramels and candies. American Caramel Co. 50,741; renewed Mar. 27, 1926.
Caramels and candies. American Caramel Co. 52,313; renewed May 8, 1926.
Cheese. Golden State Milk Products Company. 208,482; Feb. 2; Serial No. 218,255; published Nov. 10, 1925.
Cheese, Imported Swiss Gruyère. C. E. Zuercher & Co. 208,409; Feb. 2; Serial No. 208,629; published Nov. 10, 1925.
Chicken breeding stock, chicks, and hatching eggs. A. Stewart. 208,430; Feb. 2; Serial No. 218,723; published Nov. 10, 1925.
Chocolate, cocoa, coffee, and spices, Milk. Jas. H. Forbes Tea & Coffee Co. 208,646; Feb. 2.
Coconut, Prepared. Franklin Baker Company. 208,654; Feb. 2.
Coffee. Alton Mercantile Company. 208,463; Feb. 2; Serial No. 218,726; published Nov. 17, 1925.
Coffee. J. Aron & Company, Inc. 208,570; Feb. 2; Serial No. 219,518; published Nov. 17, 1925.
Coffee. Lexington Coffee Company. 208,471; Feb. 2; Serial No. 211,171; published Nov. 17, 1925.
Coffee. O. W. Peirce Company. 51,477; renewed Apr. 17, 1926.
Coffee. Swanson Brothers. 208,560; Feb. 2; Serial No. 218,342; published Nov. 17, 1925.
Coffee, flavoring extracts, and spices. William Boardman & Sons Co. 208,466; Feb. 2; Serial No. 218,047; published Nov. 17, 1925.
Figs, Preserved. Adam's Preserving Co. 208,643; Feb. 2.
Flavoring extracts. Crescent Manufacturing Co. 47,141; renewed Oct. 31, 1925.
Flour, Wheat. Barrett, Denton & Lynn Company. 52,804; renewed May 15, 1926.
Flour, Wheat. Burrus Mill & Elevator Company. 50,479; renewed Mar. 20, 1926.
Flour, Wheat. Highland Milling Company. 52,954; renewed May 22, 1926.
Flour, Wheat. John McAleer & Sons. 48,713; renewed Jan. 9, 1926.
Flour, Wheat. O. W. Peirce Company. 51,329; renewed Apr. 10, 1926.
Flour, Wheat. Sperry Flour Company. 208,642; Feb. 2.
Flour, Wheat. G. W. Ziebold. 208,445; Feb. 2; Serial No. 220,269; published Nov. 10, 1925.
Fruits and vegetables, Prepared. H. J. Heinz Co. 27,936; renewed Mar. 10, 1926.
Fruits, Dried. California Packing Corporation. 208,581; Feb. 2; Serial No. 214,352; published Nov. 17, 1925.
Fruits, Fresh citrous. Vero Indian River Producers Assn. 208,650; Feb. 2.
Grapes, cherries, and plums, Fresh. J. C. Doherty. 208,562; Feb. 2; Serial No. 218,542; published Nov. 17, 1925.
Gum, Chewing. Shelby Gum Co. 208,534; Feb. 2; Serial No. 217,367; published Nov. 17, 1925.
Haddock fillets, salt haddock, fish flakes, etc. Bay State Fishing Company. 208,568; Feb. 2; Serial No. 219,321; published Nov. 17, 1925.
Hams, bacon, dried beef, poultry, etc. W. A. Donnelly. 208,465; Feb. 2; Serial No. 218,107; published Nov. 17, 1925.
Hams, shoulders, and bacon. E. Godel and Sons. 52,321; renewed May 8, 1926.
Lard and fresh, smoked, and salted, etc., meats. Luer Packing Co. 208,644; Feb. 2.
Lettuce, asparagus, and cantaloupes, Fresh. Lee Stevens and Pearson Bros. 208,561; Feb. 2; Serial No. 218,435; published Nov. 17, 1925.
Macaroni, Loose-packed and canned. A. Zuaro & Son. 208,428; Feb. 2; Serial No. 220,055; published Nov. 10, 1925.
Mayonnaise dressing, Russian dressing, etc. E. T. Duke. 208,655; Feb. 2.
Milk, Condensed. Hoosier Condensed Milk Co. 208,426; Feb. 2; Serial No. 189,717; published Sept. 15, 1925.
Milk, Evaporated. Amboy Milk Products Co. 208,420; Feb. 2; Serial No. 208,889; published Nov. 10, 1925.
Milk, Evaporated. Fred C. Mansfield Company. 208,647; Feb. 2.
Mincemeat, Condensed. Merrell-Soule Company. 50,242; renewed Mar. 6, 1926.
Mineral-spring water, ginger ale, root beer, etc. Tashmoo Springs Water Co. 208,597; Feb. 2; Serial No. 221,144; published Nov. 17, 1925.
Oil, Olive. B. Filippone & Co. 208,460; Feb. 2; Serial No. 220,020; published Nov. 17, 1925.
Oils, Olive. Carbonell y Cia. 208,467; Feb. 2; Serial No. 217,132; published Nov. 17, 1925.
Oranges, lemons, and grapefruit, Fresh. Foothill Groves. 208,470; Feb. 2; Serial No. 212,909; published Nov. 17, 1925.
Peanut butter. Vegetarian Food and Nut Co. 208,645; Feb. 2.
Sirup and molasses. National Grocer Company. 52,182; renewed May 1, 1926.
Spice. Joseph Burnett Company. 208,464; Feb. 2; Serial No. 218,536; published Nov. 17, 1925.
Spices. Crescent Manufacturing Co. 47,630; renewed Nov. 14, 1925.
Tomato sauce. Union Food Products Co. 208,434; Feb. 2; Serial No. 217,970; published Nov. 10, 1925.
Vegetables, Fresh. A. E. Barker & Co. of Calif. 208,537; Feb. 2; Serial No. 217,062; published Nov. 17, 1925.
Vinegar. Red Star Yeast and Products Company. 208,459; Feb. 2; Serial No. 220,873; published Nov. 17, 1925.

CLASS 48.

Beer, Bottled lager. Valentin Blatz Brewing Co. 49,804; renewed Feb. 20, 1926.
Beer, Lager. John F. Wiessner & Son's Brewing Company of Baltimore City. 28,068; renewed Mar. 31, 1926.
Malt beverage. Globe Bottling & Sales Company. 208,491; Feb. 2; Serial No. 219,422; published Nov. 10, 1925.
Malt extract. Valentin Blatz Brewing Co. 50,080; renewed Mar. 6, 1926.
Malt extract in sirup form and beverages made therefrom. Beardsley Specialty Co. 208,637; Feb. 2.
Malt extracts and malt and hop extracts. A. Goldstein. 208,490; Feb. 2; Serial No 219,392; published Nov. 10, 1925.
Malt extracts and malt and hop extracts. G. & E. Trading Corp. 208,489; Feb. 2; Serial No. 219,390; published Nov. 10, 1925.

CLASS 49.

Whisky. Mellwood Distillery Co. 28,038; renewed Mar. 31, 1926.

CLASS 50.

Waterproof sheetings. Stork Company. 52,501; renewed May 8, 1926.

ALPHABETICAL LIST OF LABELS.

American Beauty #1. For Veal Liver. E. Kahn's Sons Company. 29,869; Feb. 2.
American Beauty #2. For Fresh Sausage. E. Kahn's Sons Company. 29,870; Feb. 2.
American Beauty #3. For Pork Sausage. E. Kahn's Sons Company. 29,871; Feb. 2.
American Beauty #4. For Pork Tenderloins. E. Kahn's Sons Company. 29,872; Feb. 2.
American Beauty #5. For Beef Fat. E. Kahn's Sons Company. 29,873; Feb. 2.
American Beauty #6. For Veal Sweetbreads. E. Kahn's Sons Company. 29,874; Feb. 2.
American Beauty #7. For Beef Sweetbreads. E. Kahn's Sons Company. 29,875; Feb. 2.
American Beauty #8. For Beef Brains. E. Kahn's Sons Company. 9,876; Feb. 2.
American Beauty #9. For Pork Brains. E. Kahn's Sons Company. 29,877; Feb. 2.
American Beauty #10. For Meat. E. Kahn's Sons Company. 29,878; Feb. 2.
American Boy. For Boys' Athletic Underwear. J. G. Scherf. 29,891; Feb. 2.
Armand Shampoo. For Shampoo. Armand Company. 29,857; Feb. 2.
Atlas For Everybody. For a Malt Beverage. Atlas Brewing Company. 29,858; Feb. 2.
Beaver High Speed Steel. For Steel Plates and Bars. Colonial Steel Company. 29,860; Feb. 2.
Erco. For Herring. Ryder-Turner Co. 29,890; Feb. 2.
Florida Gold. For Canned Grapefruit. Fruit Products Co., of Florida. 29,862; Feb. 2.
Grip Hand Soap Grip. For Hand Soap Powder. Smith & Gray. 29,892; Feb. 2.
Happiness. For Hair Nets. Hair Net Packers, Inc. 29,865; Feb. 2.
Help. For a Cleanser and Water Softener. W. E. Martin. 29,882; Feb. 2.
Hoff's Liniment. For Liniment. H. F. Goodrich. 29,863; Feb. 2.
Hoff's Liniment For Man and Beast. For Liniment. H. F. Goodrich. 29,864; Feb. 2.
Kameo Kiddy. For Correspondence Cards. M. Brandeis. 29,859; Feb. 2.
Lucky Dux. For Infants' Hose. Hub Hosiery Mills. 29,867; Feb. 2.
Minnesota Dry. For Ginger Ale. K. Wiegand & Sons. 29,894; Feb. 2.
Mrs. Wishard's Cheese Krinkles, New and Tasty. For a Food Delicacy Known as Cheese Krinkles. F. M. Wishard. 29,895; Feb. 2.
Old Witch Extra Strength Ammonia. For Ammonia for General Household Purposes. Old Witch Company. 29,886; Feb. 2.
Pepco Automobile Body Polish. For Automobile Body Polish. O. A. Petersen. 29,888; Feb. 2.
Regelson's Cold Checkers. For a Medicinal Preparation. M. Regelson. 29,889; Feb. 2.
Sally. For Hair Nets. Hair Net Packers, Inc. 29,866; Feb. 2.
Sen-Gen-Ma. For a Medicinal Preparation. Nature Herb Co., Inc. 29,884; Feb. 2.
Show Me! For Candy. Pacific Coast Biscuit Company. 29,887; Feb. 2.
Swanee-Lac. For Paints. R. F. Johnston Paint Company. 29,868; Feb. 2.
Try this For—. For Ammonia for General Household Purposes. Old Witch Company. 29,885; Feb. 2.
Uncle Dan's Hot Tamales. For Hot Tamales. D. B. Fleming. 29,861; Feb. 2.
United Synagogue. For Bread. Messing Bakeries, Inc. 29,883; Feb. 2.
Velvetola (#1). For a Bottle Containing Beautifier. W. E. McCalvey Company. 29,880; Feb. 2.
Velvetola (#2). For a Directions Label on a Bottle Containing Beautifier. W. E. McCalvey Company. 29,881; Feb. 2.
Vinco Certifies. For Boiler-Treating Powder. Vinco Company, Inc. 29,893; Feb. 2.
What The Country Needs Is A Good 5¢ Cigar, Tom Marshall. For Cigars. Lavendor Cigar Co., Inc. 29,879; Feb. 2.
Young's Hotel Biltmore Coffee. For Prepared Coffee. Young's Market Company. 29,896; Feb. 2.

ALPHABETICAL LIST OF PRINTS.

Atlas Certificate Brew. For Malt Beverages. Atlas Brewing Company. 8,534; Feb. 2.
Blue Ribbon. For Pure Pork Sausage. Rochester Packing Co. 8,556; Feb. 2.
Enchantment. For Edison Mazda Lamps. Edison Lamp Works of General Electric Company. 8,539; Feb. 2.
Fit-Fast Rubber Soles. For Rubber Soles. Durable Rubber Corporation. 8,538; Feb. 2.
Giro Individual Desserts. For a Dessert Preparation. Jell-O Company, Inc. 8,547; Feb. 2.
Giro 1925 Cherry Jell-O. For a Dessert Preparation. Jell-O Company, Inc. 8,456; Feb. 2.
Giro Raspberry Jell-O. For a Dessert Preparation. Jell-O Company, Inc. 8,542; Feb. 2.
Handy Craft. The Magical Toy For Boys. For Mechanical Toy Construction Units. Hart & Cooley Company. 8,540; Feb. 2.
Healthy Mothers Strong Babies. For Vegetable Compound. Lydia E. Pinkham Medicine Co. 8,551; Feb. 2.
"I Know It Helped Me." For Vegetable Compound. Lydia E. Pinkham Medicine Co. 8,554; Feb. 2.
Jack And The Bean Stalk. For a Dessert Preparation. Jell-O Company, Inc. 8,545; Feb. 2.
Kiki Vials. For Perfumes. Venus Perfume Company. 8,557; Feb. 2.
Lemon Jell-O With Tea. For a Dessert Preparation. Jell-O Company, Inc. 8,541; Feb. 2.
Linn Ball Raspeberry Jell-O. For a Dessert Preparation. Jell-O Company, Inc. 8,544; Feb. 2.
Marion Power's Neapolitan Jell-O. For a Dessert Preparation. Jell-O Company, Inc. 8,548; Feb. 2.
Monarch. For Groceries. Reid, Murdoch & Co. 8,555; Feb. 2.
Mothers Of Healthy Children. For Vegetable Compound. Lydia E. Pinkham Medicine Co. 8,553; Feb. 2.
98 Out Of Every 100 Women Are Benefited. For Vegetable Compound. Lydia E. Pinkham Medicine Co. 8,549; Feb. 2.
No Doubt You Do Serve Orange Jell-O. For a Dessert Preparation. Jell-O Company, Inc. 8,543; Feb. 2.
The Best Medicine For Woman's Ill. For Vegetable Compound. Lydia E. Pinkham Medicine Co. 8,550; Feb. 2.
The Old Folks' Advice. For Vegetable Compound. Lydia E. Pinkham Medicine Co. 8,552; Feb. 2.
What A Great University Has Found Out About Your Child. For Wheat Breakfast Food. Cream of Wheat Co. 8,537; Feb. 2.
Yes, Bananas The Body Builder. For Bananas. Bauerlein, Incorporated. 8,535; Feb. 2.
You Don't Often Find A Food So Thoroughly Safeguarded. For Wheat Breakfast Food. Cream of Wheat Co. 8,536; Feb. 2.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal. Pardee Brothers & Company. 222,791; Feb. 2.
Seeds, bulbs, and plants. H. W. Buckbee Rockford Seed Farms Forest City Greenhouses. 208,742; Feb. 2.
Timber. Browning & Company. 222,439; Feb. 2.
Waste and artificial-silk waste, Silk. Martin Nathan Co. 223,932; Feb. 2.

CLASS 2.

Candle containers. Standard Oil Company. 206,261; Feb. 2.
News bags. Allied Belting Company. 203,925; Feb. 2.
Receptacles, Metal street waste. American Spotless Street System, Inc. 223,200; Feb. 2.

CLASS 4.

Automobile top dressing. A. H. Holland. 223,642; Feb. 2.
Cleansing preparation having disinfecting and deodorizing properties. Fluxo Products Company. 220,338; Feb. 2.
Detergent powder for cleansing receptacles. Liverpool Borax Co. 214,671; Feb. 2.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Grinding and cutting wheels. Bakelite Corporation. 222,423; Feb. 2.
Polishes. J. Richardson. 223,605; Feb. 2.

CLASS 5.

Adhesive paste. Crowley, Milner & Company. 223,025; Feb. 2.
Adhesive pastes. Seldner & Enequist, Inc. 222,146; Feb. 2.
Cement, Tire. C. A. Marsh. 224,197; Feb. 2.
Chemical compound for making automobile tires punctureproof. Patchleseal Manufacturing Co. 218,870; Feb. 2.

CLASS 6.

Antifreezing compound for radiators. Colonial Drug & Sales Co. 224,277; Feb. 2.
Chemicals known as a boiler compound. Seminole Chemical Co. 223,199; Feb. 2.
Deodorant. Heck-Conard Co. 222,676; Feb. 2.
Disinfectant, Powdered paint. National Powder Paint Co. 224,343; Feb. 2.
Face lotions. A. J. Krank. 224,338; Feb. 2.
Hair tonic. F. W. Fitch Company. 223,842; Feb. 2.
Hair tonic. W. Frubleusky. 225,087; Feb. 2.
Insecticides. F. W. Glover. 223,576; Feb. 2.
Laxative, Fruit. Laxa-Raisin Co. 223,308; Feb. 2.
Medical compound for colds, pneumonia, flu, and la grippe. Calcreoine Company. 223,684; Feb. 2.
Medicine, Blood. Ronox Pharmaceutical Company. 224,206; Feb. 2.
Oil, Castor. G. Knewitz. 224,337; Feb. 2.
Paste used for scouring wool. E. F. Drew & Co. 208,045; Feb. 2.
Perfumery extracts, alcoholic perfumery, talcum powder, etc. Marie de France Laboratories, Inc. 224,099; Feb. 2.
Perfumes. E. J. Fay. 224,183; Feb. 2.
Preparation for rheumatism. G. H. McClellan and C. L. Jackson. 222,694; Feb. 2.
Preparation for the digestive organs and the liver. C. F. Schibener. 224,296; Feb. 2.
Preparation for the treatment of obesity. F. Brown. 221,405; Feb. 2.
Preparation for tuberculosis and asthma. Paddy and Theodore. 224,349; Feb. 2.
Remedy for indigestion, dyspepsia, etc. C. E. Pake. 218,079; Feb. 2.
Salve for eczema, ringworm, itch, etc. D. C. Flowers. 224,184; Feb. 2.

CLASS 8.

Pipes, cigar and cigarette holders, and tobacco pouches. Gros, Grenier, Ostorero & Cie. 220,847; Feb. 2.
Pipes, cigar and cigarette holders, and tobacco pouches. Gros, Grenier, Ostorero & Cie. 220,849–50; Feb. 2.

CLASS 9.

Matches. Ohio Match Company. 223,592; Feb. 2.
Matches. Ohio Match Company. 223,596; Feb. 2.
Matches. Wald. Tefke. 221,340; Feb. 2.

CLASS 10.

Fertilizer and fertilizer material. Amos Eby & Company. 219,867; Feb. 2.
Fertilizing material, Tablets of. International Agricultural Corporation. 224,972; Feb. 2.

CLASS 11.

Inks, Letter-press or typographic. Sigmund Ullman Company. 223,342; Feb. 2.

CLASS 12.

Concrete and cement floor hardener. L. Jackson. 224,094; Feb. 2.
Construction materials. Marbleloid Company. 222,933; Feb. 2.
Houses, knockdown sheds and garages, Portable. C. M. Chaney. 223,080; Feb. 2.
Lumber. Cadwallader-Gibson Co. 222,559–61; Feb. 2.
Lumber and flooring. W. M. Ritter Lumber Company. 223,192–3; Feb. 2.
Lumber and flooring. W. M. Ritter Lumber Company. 223,195; Feb. 2.
Plaster. Beaver Products Company. 205,731; Feb. 2.
Roofing and asphalt and slate surfaced shingles, Rolled. Pioneer Paper Company. 224,353; Feb. 2.
Shingles. Tee-Lok Shingle Company. 152,450; Feb. 2.
Shingles, Rock-surfaced asphalt. Pioneer Paper Company. 224,357; Feb. 2.
Slate roofing. John D. Emack Co. 219,883; Feb. 2.

CLASS 13.

Cooking utensils, Cast aluminum. Reynolds Aluminum Company. 220,469; Feb. 2.
Dish drainers, sponge holders, soap dishes, broilers, etc. Marlboro Wire Goods Company. 222,515; Feb. 2.
Fencing, Woven-wire. American Steel and Wire Company of New Jersey. 224,943; Feb. 2.
Hinges. Stanley Works. 224,935; Feb. 2.
Strainers, Milk. Kimberly-Clark Company. 224,823; Feb. 2.

CLASS 15.

Gasoline. Western Refining and Oil Company. 191,211; Feb. 2.
Gasoline and hydrocarbon motor fuel. Shriver Oil Company. 221,854–5; Feb. 2.
Gasoline, benzine, petroleum, distillate, etc. Atkins, Kroll & Co. 224,069; Feb. 2.
Liquid hydrocarbon. Rockgas Products Company. 215,024; Feb. 2.

CLASS 16.

Lacquers, lacquer enamels, lacquer solvents, spirit varnishes, etc. Lacquer & Chemical Corporation. 215,414; Feb. 2.
Paints, Artists' relief. Conrad & Hoehne, Inc. 224,322; Feb. 2.
Paints, paint enamels, thinners, lacquer, primer, etc. R. F. Johnston Paint Company. 224,336; Feb. 2.
Primer, surfacer, glazing putty, lacquer enamel, lacquer polish, etc. Pratt & Lambert, Inc. 222,632; Feb. 2.
Tinters for mortar or plaster compounds. Toch Brothers, Incorporated. 223,559; Feb. 2.
Water and stain proofing liquid. Toch Brothers, Incorporated. 223,560; Feb. 2.

CLASS 17.

Cigarettes. S. Benaderet, Inc. 223,833; Feb. 2.
Cigarettes. Continental Tobacco Company. 223,216; Feb. 2.
Cigars. C. Breynaert. 223,161; Feb. 2.
Leaf tobacco, cigars, cigarettes, chewing and smoking tobacco. Haus Neuerburg o. H. G. 214,727; Feb. 2.
Tobacco products. Kraus & Co. 223,307; Feb. 2.

CLASS 19.

Automobile ventilators. Adams & Westlake Company. 221,733; Feb. 2.
Automobiles and constructive parts thereof. Packard Motor Car Company. 223,049; Feb. 2.
Bicycles. Shelby Cycle Company. 224,934; Feb. 2.

CLASS 20.

Floor coverings, Prepared. Paraffine Companies, Inc. 222,759; Feb. 2.

CLASS 21.

Batteries and parts thereof, Storage. Willard Storage Battery Company. 223,673; Feb. 2.
Batteries, Dry. S. Diamond. 195,504; Feb. 2.
Battery chargers. Liberty Electric Corporation of New York. 217,791; Feb. 2.
Clips, Connecting. Mueller Electric Company. 223,100; Feb. 2.
Condensers. Haig & Haig Mfg. Co. 204,231; Feb. 2.
Electric-lighting fixtures and 'electric-lighting-fixture units. Record-O-Phone Company. 223,413; Feb. 2.
Electric-lighting fixtures and electric-lighting-fixture units. Westinghouse Electric & Manufacturing Company. 223,671; Feb. 2.
Electric-lighting fixtures and parts thereof. F. W. Wakefield Brass Company. 223,949; Feb. 2.
Electric motors and generators. Leland Electric Co. 222,685; Feb. 2.
Electrically recording and reproducing sound, Machines for. Record-O-Phone Company. 223,411–12; Feb. 2.
Fans, Electric. S A'X Vertical Fan Company. 218,144; Feb. 2.
Heaters, Containers for electric. Fairfacts Company. 195,810; Feb. 2.
Inductance coils. F. C. Vogan. 222,893; Feb. 2.
Insulating compound, Liquid. Federal Rubber Company of Illinois. 223,226; Feb. 2.
Insulations, Hard paper sheets for electrical. William Brand & Company. 201,739; Feb. 2.
Insulators, Electrical. Franklin Porcelain Company. 222,502; Feb. 2.
Lamp, Electric. J. S. Scharf. 223,944; Feb. 2.
Lamps, Metal electric. Arrow Gauge and Valve Co. 223,986; Feb. 2.
Radio and electrical apparatus, Coils for use in. Hazeltine Corporation. 224,090; Feb. 2.
Radio detector crystals. W. Kenfield. 222,507; Feb. 2.
Radio electrical appliances. Electrical Research Laboratories. 205,159; Feb. 2.
Radio plugs, jacks, switches, loops, coils, etc. Carter Radio Co. 223,370; Feb. 2.
Radio receiving apparatus and parts thereof, Sets of complete. Fred W. Goerdes Co. 222,451; Feb. 2.
Radio receiving sets. Carillon Radio Co. 224,320; Feb. 2.
Radio receiving sets. M. H. Jacob. 223,846; Feb. 2.
Radio receiving sets and parts thereof. Sleeper Radio Corporation. 224,059; Feb. 2.
Radio receiving sets and parts thereof, Crystal. A. J. Forbes. 208,749; Feb. 2.
Radio receiving sets, etc., Complete. Metro Electric Co. 224,102; Feb. 2.
Radio receiving sets, loud speakers, and radio parts. H. Rinkenberger. 220,472; Feb. 2.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Radio receiving sets, loud speakers, telephone receivers, etc. Bailey & Company. 223,895; Feb. 2.
Radio receiving sets, parts thereof, and loop antennæ therefor. Reichmann Company. 223,604; Feb. 2.
Signal stand, Electrically-operated crossroad. P. L. Smith. 194,958; Feb. 2.
Signs, Transparency display. J. G. Morgan & Company. 202,756; Feb. 2.
Vacuum cleaners and parts thereof, Electric. Electric Vacuum Cleaner Company. 224,324; Feb. 2.
Welding machines and parts thereof, Electric. American Electric Fusion Corporation. 220,440; Feb. 2.
Welding machines, Electrical. Acme Steel Goods Company. 185,998; Feb. 2.

CLASS 22.

Archery game. Doremus, Schoen & Co. 222,444; Feb. 2.
Billiard and bowling balls, fishing reels, etc. Bakelite Corporation. 222,154; Feb. 2.
Dogs, Mechanical. Mawhinney Last Company. 223,400; Feb. 2.
Dolls. B. B. Kollin. 223,479; Feb. 2.
Game played with pieces, Parlor board. J. Greco. 223,228; Feb. 2.
Molds for making toy figures and the material used therewith sold as a unit. H. L. Male. 223,311; Feb. 2.
Swings, Porch and lawn. Goshen Manufacturing Company. 219,740; Feb. 2.

CLASS 23.

Ball and roller bearings, rings, housings, etc. Skayef Ball Bearing Company. 222,998; Feb. 2.
Ball bearings, roller bearings, and parts thereof. Skayef Ball Bearing Company. 222,997; Feb. 2.
Filters, Oil Motor Improvements, Inc. 222,334; Feb. 2.
Tools. Tomlee Tool Co. 223,752; Feb. 2.

CLASS 24.

Clothes or laundry washing machine. Modern Laundry Machine Manufacturing Company. 222,249; Feb. 2.
Clothespins. Utility Manufacturing Co. 222,291; Feb. 2.

CLASS 25.

Locks, Keyhole. Sentry Keyhole Lock Company. 222,345; Feb. 2.

CLASS 26.

Spectacles, eyeglasses, goggles, and lens. O. Zeman. 217,595; Feb. 2.

CLASS 28.

Silver and gold novelties, candlesticks, vases, etc. Elgin Silversmith Co. 218,250; Feb. 2.
Tableware, toilet articles, and jewelry. F. Le Bron. 209,996; Feb. 2.

CLASS 29.

Brushes, dusters, and brooms. Rubico Brush Manufacturers Inc. 224,052–3; Feb. 2.
Toothbrushes. M. Rosenwald. 224,424; Feb. 2.

CLASS 30.

Chinaware. Limoges China Company. 218,264; Feb. 2.

CLASS 32.

Furniture, Living-room. Joseph Goldstein Chair Co. 222,742; Feb. 2.
Library and dining tables, Combination. Imperial Furniture Company. 220,657; Feb. 2.
Mattresses. Simon Mattress Mfg. Co. 222,712; Feb. 2.
Pillows. Chas. Emmerich & Co. 225,009; Feb. 2.
Stands, Smoker. A. C. Scharff. 223,336; Feb. 2.

CLASS 34.

Blowtorches. Apex Stamping Company. 222,655; Feb. 2.
Tubing which is principally used for ventilating purposes in mines, Canvas. Bemis Bro. Bag Company. 224,171; Feb. 2.

CLASS 35.

Clutch facings, brake linings, and bushings. Bakelite Corporation. 222,430; Feb. 2.
Clutch facings, brake linings, and bushings and washers. Bakelite Corporation. 216,814; Feb. 2.
Forks, Ice picks, hog scrapers, fish shears, etc., Cooks'. J. Chatillon & Sons. 219,378; Feb. 2.
Packing, Piston. Pioneer Rubber Mills. 207,144; Feb. 2.
Rubber inner-tube patches. W. Anderson. 223,361; Feb. 2.
Tires, Nonmetallic pneumatic. National Tire & Rubber Company. 223,252; Feb. 2.

CLASS 36.

Musical instruments. Winter & Co. 222,360; Feb. 2.
Pianos, Player. Janssen Piano Co. 224,283; Feb. 2.
Talking machines or phonographs or other like musical instruments, Mechanical motor for. General Phonograph Corporation of Canada, Ltd. 213,233; Feb. 2.

CLASS 37.

Paper, Bond. Carew Manufacturing Company. 208,454; Feb. 2.
Paper, Wrapping. Orono Pulp & Paper Company. 219,758; Feb. 2.
Paper, Wrapping. Paper Service Company. 223,186; Feb. 2.

CLASS 38.

Bonds, Real-estate first-mortgage. Capital Mortgage Corporation. 224,499; Feb. 2.
Magazine, Monthly. Kingman and Walton. 223,390–1; Feb. 2.
Magazine, Periodical. V. Arning. 222,362; Feb. 2.
Papers, Monthly trade. Scott's Business Analysts, Inc. 222,711; Feb. 2.
Publication issued monthly. Bunting Publications, Inc. 223,365; Feb. 2.

CLASS 39.

Bandeau and girdle, Combination one-piece. Mills Corset Company. 216,065; Feb. 2.
Bandeaux, girdles, and belts. H. & W. Company. 223,120; Feb. 2.
Boots and shoes, Leather and canvas. C. H. Brown. 215,501; Feb. 2.
Brassières, corsets, and girdles. Weingarten Bros. 203,549; Feb. 2.
Clothing, Work. Wyman, Partridge & Co. 220,383; Feb. 2.
Coats, capes, and overalls, Waterproof and rainproof. Telemac, Limited. 222,488; Feb. 2.
Coats, dresses, suits, and furs. L. Bamberger & Company. 214,118; Feb. 2.
Coats, outer skirts, scarfs, hosiery, shawls, etc., Knitted sport. Alcone Knitting Mills. 216,664; Feb. 2.
Coats, suits, and dresses, Women's and Misses'. National Modes Inc. 219,298; Feb. 2.
Coats, vests, trousers, and overcoats, Men's. J. Schoeneman, Incorporated. 222,091; Feb. 2.
Corsets. John Wanamaker, New York. 221,791; Feb. 2.
Corsets, brassières, bust supporters, step-ins, etc. Jackson Corset Co. 212,621; Feb. 2.
Corsets, girdles, and underwear for women and children. Olmstead Corporation. 222,938; Feb. 2.
Dresses, coats, suits, and skirts, Ladies'. H. W. Ginsburg. 213,780; Feb. 2.
Dresses, Ladies'. Lenny Rosenzweig Dress Co. 223,126; Feb. 2.
Fur coats and fur jackets. Frank & Brickel. 220,606; Feb. 2.
Gloves. Gutes, Mills & Driscoll, Inc. 223,435; Feb. 2.
Gloves, mittens, and gauntlets. M. B. Hamilton & Co. 223,783; Feb. 2.
Gloves, mittens, and gauntlets, Work. M. B. Hamilton & Co. 221,824; Feb. 2.
Gloves, pants, overalls, etc. Texas Glove & Garment Co. 222,964; Feb. 2.
Gloves, underwear, and hosiery. J. Casin & Co. 223,685; Feb. 2.
Hats for men, Felt. F. Berg & Co. 223,834; Feb. 2.
Hats, Ladies'. De Marinis & Lorie, Inc. 223,957; Feb. 2.
Hats, Men's. Long's Hat Stores. 216,191; Feb. 2.
Hats, Men's. Miller Bros. Hat Co. 216,686; Feb. 2.
Hosiery. Haines Hosiery Mills, Inc. 223,781; Feb. 2.
Hosiery. Westminster, Ltd. 222,807; Feb. 2.
Hosiery, Ladies'. Berkshire Knitting Mills. 222,911; Feb. 2.
Lingerie or women's underwear, vests, bloomers, etc. Oswego Rayon Corporation. 223,938; Feb. 2.
Pyjamas. Valco Manufacturing Co. 208,540; Feb. 2.
Shirts, hats, collars, scarfs, etc. Ray The Hatter, Inc. 210,926; Feb. 2.
Shirts, Work. Steiner-Lobman Dry Goods Company. 223,420; Feb. 2.
Shoes. A. J. Bates Company. 143,086; Feb. 2.
Shoes. H. Childs & Co. 224,178; Feb. 2.
Shoes. B. Cook. 223,622; Feb. 2.
Shoes. Tuttle-Scott Stores, Inc. 223,561–2; Feb. 2.
Shoes, Children's. Riddock Process Corporation. 220,808; Feb. 2.
Shoes, Children's leather. Blog Shoe Finding Co. 223,891; Feb. 2.
Shoes, Leather. Forbush Shoe Company. 222,318; Feb. 2.
Shoes, Leather. Lowell-Thomas Shoe Corporation. 223,396; Feb. 2.
Soles, Shoe. C. A. Johnson. 218,012; Feb. 2.
Soles, Shoe. M. Miller. 224,288; Feb. 2.
Suits and dresses, Misses' and little women's. Knobel & Bloom. 222,985; Feb. 2.
Suits for men (special brand), Blue-serge. Jaffe Bros. 223,963; Feb. 2.
Sweaters, knitted caps, hosiery, etc. Morgan Knitting Mills, Inc. 223,931; Feb. 2.
Trousers. A. D. Lesser. 223,127; Feb. 2.
Umbrellas. Best & Co. 223,280; Feb. 2.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6. as amended Mar. 2, 1907.]

Vests, suits, and topcoats, Boys'. Antonoff & Shein Inc. 222,910; Feb. 2.

CLASS 40.

Fringes and art needlework. Powers, Friend & Lichtman. 223,601–2; Feb. 2.
Glass, beads without holes, and crystalline beads, Powdered. Dritz-Traum Co. 222,564; Feb. 2.
Hat-size reducers for ladies' hats. De Leon Bandeau Co. 223,692; Feb. 2.
Lacings, Shoe, corset, underwear, and blouse. International Braid Company. 210,303; Feb. 2.
Lacings, shoe, corset, underwear, and blouse. International Braid Company. 210,733; Feb. 2.

CLASS 41.

Canes, umbrellas, and parasols, Handles and ferrules of. Bakelite Corporation. 222,156; Feb. 2.

CLASS 42.

Bed sheets and slips, sheeting in the piece, silk fabrics, etc. Pepperell Manufacturing Company. 224,039–40; Feb. 2.
Challies in the piece, Cotton. Marshall Field & Company. 223,702; Feb. 2.
Cotton, and cotton and silk mixture piece goods. H. R. Kurtz & Co. 224,339; Feb. 2.
Cotton and rayon textile fabrics. S. Slater & Sons, Inc. 221,337–8; Feb. 2.
Cotton and silk goods. Fairfax Textile Mills, Inc. 203,944; Feb. 2.
Cotton and wool fabrics. Thomas Oakes & Co. 216,352; Feb. 2.
Cotton drills, sheetings, shirtings, and flannels. Duncan, Fox & Co. 214,785; Feb. 2.
Cotton piece goods, sheets, and pillowcases. Lockwood Co. 212,010; Feb. 2.
Cotton, silk, nad artificial-silk fabrics. Edwin Wasser, Inc. 222,149; Feb. 2.
Fabrics in the piece, Textile. Max Schwarz Textile Corporation. 219,455; Feb. 2.
Handkerchiefs. Best & Co. 223,281; Feb. 2.
Silk, cotton, woolen, and artificial-silk piece goods and combinations of same. D. H. Willard. 221,222; Feb. 2.
Silks, silk and cotton, or silk and rayon fabrics. J. Gluck. 211,421; Feb. 2.
Voile in the piece, Cotton. Marshall Field & Company. 223,701; Feb. 2.
Voile piece goods, Cotton. Marshall Field & Company. 223,703; Feb. 2.

CLASS 43.

Thread. Elmore Company. 212,077; Feb. 2.
Thread. Standard Thread Company. 221,931; Feb. 2.
Threads and yarns rendered moisture and air proof, Cotton and silk. Hermetite Corporation. 222,240; Feb. 2.
Yarns. Albert J. Pfeiffer, Inc. 224,264; Feb. 2.
Yarns. Snia-Viscosa Società Nazionale Industria Applicazioni Viscosa. 220,925; Feb. 2.

CLASS 44.

Serviettes. Thomas Products, Inc. 222,415; Feb. 2.
Teeth, Artificial. Ideal Tooth Incorporated. 224,014; Feb. 2.
Varicose stockings. E. Rat. 224,049; Feb. 2.

CLASS 45.

Beverages sold as soft drinks. E. & H. Bottling Co. 224,238; Feb. 2.

CLASS 46.

Bread and cake. Carolina Baking Company. 218,791; Fig. 2.
Butter used for making ice cream, Sweet. Southern Creameries, Inc. 223,418; Feb. 2.
Canned clams. Warrenton Clam Company. 221,987; Feb. 2.
Canned fruits and vegetables; canned, condensed, and evaporated milk; coffee, chili sauce, etc. W. H. Pollard. 221,450–1; Feb. 2.
Canned fruits, vegetables, and fish, breakfast cereals, vinegar, etc. Jageman-Bode Company. 219,589; Feb. 2.
Crackers and biscuits. National Biscuit Company. 218,568; Feb. 2.
Eggs and dressed poultry. Brown, Edmonds and Willardson. 202,322; Feb. 2.
Fish and canned vegetables, Preserved. Santiago Lopez Barredo S. A. 191,660; Feb. 2.
Flour. Virginia Hay & Grain Co. 215,284; Feb. 2.
Flour, Wheat. Knollenberg Milling Company. 224,192; Feb. 2.
Flour, Wheat. Missouri Farmers' Association, Incorporated. 217,041; Feb. 2.
Food, Prepared stock. Pro-Lac Milling Company. 224,293; Feb. 2.
Food product. Vitamines Company. 218,031; Feb. 2.
Fruit paste for bakers' and confectioners' use. Carl H. Hartmann Co. Inc. 224,022; Feb. 2.
Salad dressings. H. Valentine. 223,976; Feb. 2.

CLASS 49.

Whisky. J. W. Crowdus Drug Co. 223,690–1; Feb. 2.

CLASS 50.

Art plaques and statuary. Marbleloid Company. 222,932; Feb. 2.
Bakelite Corporation, New York, N. Y. Clutch facings, brake linings, and bushings and washers. 216,814; Feb. 2.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 2D DAY OF FEBRUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Adams, Henry, Plainfield, N. J. Method of and apparatus for controlling and directing burning fuel or gases. 1,571,179; Feb. 2.
Adkison, John S. (See Diamond, Rubin L., assignor.)
Ahrens, John F., Brooklyn, N. Y. Collar button. 1,571,780; Feb. 2.
Air Reduction Company. (See Van Nuys, C. C., and Wilkinson, assignors.)
Air Reduction Company. (See Wilkinson, Walter, assignor.)
Aktiebolaget Auto Pins. (See Egelin, Ernst C., assignor.)
Aktiebolaget Ljungströms Angturbin. (See Ljungström, Frederik and B., assignors.)
Aldrich, Alonzo, Beloit, Wis. Paper-making machine. 1,571,362; Feb. 2.
Aldrich, Roscoe H., Allentown, Pa. Compensating device for pumps. 1,571,781; Feb. 2.
Allcutt, Chester T., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Measuring device. 1,571,224; Feb. 2.
Allen, Donald T., assignor to Prime Mfg. Co., Milwaukee, Wis. Phonograph. 1,571,568; Feb. 2.
Allen, Joseph W., et al. (See Camden, Andrew B., assignor.)
Allen, S. H., et al. (See Camden, Andrew B., assignor.)
Allen, William S., Birmingham, Ala. Antiglare device. 1,571,779; Feb. 2.
Alt, Otto, and C. Helsig, Kiel, assignors to Fried. Krupp Aktiengesellschaft Germaniawerft, Kiel-Gaarden, Germany. Fuel-injecting device for internal-combustion engines. 1,571,389; Feb. 2.
American Bander Company. (See Long, B. H., and Stone, assignors.)
American Dressler Tunnel Kilns, Inc. (See Dressler, Conrad, assignor.)
American Flyer Manufacturing Company. (See Becker, Harry S., assignor.)
American Manganese Steel Company. (See Knight, Hervey S., assignor.)
American Manganese Steel Company. (See Pfeil, Henry C., assignor.)
American Steel Products Co. (See Landgraf, Jacob T., assignor.)
American Steel Wheel Corporation. (See Jayne, Ames R., assignor.)
American Telephone and Telegraph Company. (See Edwards, William H., assignor.)
Anchor Cap & Closure Corporation. (See Jaeger, Max, assignor.)
Anderson, Andrew W., Aurora, Ill., and J. R. Hickox, Lincoln, Nebr. Water-treating system. 1,571,225; Feb. 2.
Anderson, Carl, assignor of one-half to T. C. Doolittle, Roza, Wash. Brake lining. 1,571,443; Feb. 2.
Anderson, David E., St. Paul, Minn. Rail cutter. 1,571,569; Feb. 2.
Anderson, Harley E., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Railway draft rigging. 1,571,694; Feb. 2.
Anderson, James A., Grand Rapids, Mich. Combined china closet, buffet, and extension table. 1,571,896; Feb. 2.
Anderson, Ora B., Deadwood, S. Dak. Laundry device. 1,571,312; Feb. 2.
Andrews, Charles B., assignor to Taylor Wharton Iron and Steel Company, High Bridge, N. J. Dipper tooth. 1,571,782; Feb. 2.
Apex Products Company. (See Peterson, A. J., and Melvin, assignors.)
Apthorpe, William H., London, assignor to Cambridge and Paul Instrument Company Limited, Cambridge, England. Adjustable sensitive electrical regulating device. 1,571,390; Feb. 2.
Argerbright, Floyd M. (See Hockersmith, H. J., and Argerbright.)
Arrow Electric Company, The. (See Wyrfel, Samuel P., assignor.)
Ashley, Frank M. (See Trust, H., and Ashley.)
Astley, Robert, Boston, Mass. Envelope and stamp moistener. 1,571,180; Feb. 2.
Atack, Frederick W., Manchester, England. Sulphurizing organic compounds. 1,571,181; Feb. 2.
Attaway, William, assignor to Dixie Cake Company, Inc., Spartanburg, S. C. Box top. Des. 69,341; Feb. 2.
August, Frederick C., Enfield, England. Controlling the delivery of liquids. 1,571,464; Feb. 2.
Aulenback, James R., Worcester, Mass. Adjustable gauge. 1,571,783; Feb. 2.
Auspitzer, Alfred J., Munich, Germany. Device for adjustment of the side angle of sighting instruments. 1,571,177; Feb. 2.
Auto-Mailing Machinery Company. (See Smith, Edwin R., assignor.)
Averill Mfg. Co. (See Parsons, George H., assignor.)
Bablin, Jules, Paris, France. Method and apparatus for compressing gas. 1,571,615; Feb. 2.
Backherms, Alvin B., assignor of one-half to E. J. Green, Akron, Ohio. Spray nozzle. 1,571,616; Feb. 2.
Bailey, Edwin W. M., Amesbury, Mass. Window-glass channel. 1,571,831; Feb. 2.
Bailey, Edwin W. M., Amesbury, Mass. Window guide. 1,571,832; Feb. 2.
Bair, Joseph H., Camp Hill, Pa. Rotary engine valve. 1,571,465; Feb. 2.
Baker, George F. (See Birmingham, Raymond A., assignor.)
Bakketun, Torger A., Northwood, Iowa. Game board. Des. 69,342; Feb. 2.
Barber, Allan J., Woonsocket, R. I. Game. 1,571,503; Feb. 2.
Barbieri, Cesare, New York, N. Y., assignor to The Vortex Mfg. Co., Chicago, Ill. Carton and packing the same. 1,571,918; Feb. 2.
Barducci, Pilade, Naples, Italy. Drying plant. 1,571,226; Feb. 2.
Barducci, Pilade, Milan, Italy. Drying plant. 1,571,227; Feb. 2.
Barducci, Pilade, Milan, Italy. Drying plant. 1,571,228; Feb. 2.
Barducci, Pilade, Milan, Italy. Drying plant. 1,571,228; Feb. 2.
Barker, James, Kalamazoo, Mich. Fountain pen. 1,571,363; Feb. 2.
Barlow, George H., et al. (See Seely, Charles C., assignor.)
Barnum, Thomas E., Wauwatosa, and E. R. Stoekle, assignors to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Protective device for electric circuits. 1,571,182; Feb. 2.
Barnard, William M. (See O'Brien, Joseph J., assignor.)
Baron, Harry, et al., administrators. (See Baron, Joseph.)
Baron, Joseph, deceased, New York, N. Y., S. Baron and H. Baron, administrators. Dough-cutting machine. 1,571,504; Feb. 2.
Baron, Sarah, et al., administrators. (See Baron, Joseph.)
Barrows, Donald S., Rochester, N. Y., assignor, by mesne assignments, to The Symington Company. Wear plate for car-truck side frames. 1,571,229; Feb. 2.
Barthes, Emil, Salinas, Calif. Heel protector. 1,571,466; Feb. 2.
Bassett, Preston R., assignor to E. A. Sperry, Brooklyn, N. Y. Aerial flare bomb. 1,571,617; Feb. 2.
Bassick Manufacturing Company, The. (See Frier, James H., jr., assignor.)
Bates, Eddo V., Lowell, Mass. Machine for feeding fibrous material. 1,571,364; Feb. 2.
Bausman, Alonzo L., assignor to National Equipment Company, Springfield, Mass. Confection-coating machine. 1,571,365; Feb. 2.
Beaumont, R. H., Company. (See Beaumont, Robert H., assignor.)
Beaumont, Robert H., Radnor, assignor to R. H. Beaumont Company, Philadelphia, Pa. Skip-hoist bucket. 1,571,784; Feb. 2.
Bechman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Inking mechanism for printing presses. 1,571,882; Feb. 2.
Becker, Harry S., assignor to American Flyer Manufacturing Company, Chicago, Ill. Door and mounting therefor for toy railway cars. 1,571,505; Feb. 2.
Becker, Herbert W., Milwaukee, Wis. Ink remover. 1,571,313; Feb. 2.
Becker, Julius, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Sighting device, for guns. 1,571,391; Feb. 2.
Beckwith Company, The. (See Howes, George W., assignor.)
Behrstock, Isadore, Los Angeles, Calif. Stone setting. Des. 69,343; Feb. 2.

Bélanger, François X., Langdon, N. Dak. Land-cleaning device. 1,571,883; Feb. 2.
Belivcau, Uiric, Detroit, Mich. Motor-horn-operating mechanism. 1,571,695; Feb. 2.
Bell & Howell Company, The. (See Howell, Albert S., assignor.)
Bell Register, Inc. (See Bell, Samuel J., assignor.)
Bell, Samuel J., Springfield, Mass., assignor to Bell Register, Inc., Woonsocket, R. I. Change-making machine. 1,571,618; Feb. 2.
Belle City Manufacturing Company. (See Hendrickson, Robert O., assignor.)
Belvin, Preston, Richmond, Va. Heating and ventilating apparatus. 1,571,785; Feb. 2.
Bender, Lillian M., San Francisco, Calif. Portable wardrobe. 1,571,366; Feb. 2.
Benjamin Electric Manufacturing Company. (See Benjamin, Reuben B., assignor.)
Benjamin Electric Manufacturing Company. (See McClatchie, Stanley, assignor.)
Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Current tap. 1,571,696; Feb. 2.
Bennett, John L., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Device or implement for killing or disabling insects, flies, and the like. 1,571,619; Feb. 2.
Bernegau, Carl M., assignor to Keuffel and Esser Company, Hoboken, N. J. Transit. 1,571,697; Feb. 2.
Berold, Frederick H., Cincinnati, Ohio. Tobacco-leaf-stemming machine. 1,571,537; Feb. 2.
Bettes, Fred M., assignor to Erie City Iron Works, Erie, Pa. Drill holder. 1,571,620; Feb. 2.
Bettinardi, Anton, Jersey City Heights, N. J. Ironing table. 1,571,698; Feb. 2.
Bilfex Products Company. (See Ericson, Willard E., assignor.)
Birmingham, Raymond A., Buena Vista, assignor of one-half to G. F. Baker, Lexington, Va. Roll-holding attachment. 1,571,786; Feb. 2.
Blackadder, Thomas, Great Neck Estates, assignor to Robeson Process Company, New York, N. Y. Making tanning preparations and products thereof. 1,571,873; Feb. 2.
Blackford, Ralph E., and C. Butterfield, Middletown, Ohio. Making metal cans. 1,571,367; Feb. 2.
Blair, Rolandis A., Fort Wayne, Ind., assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,571,183; Feb. 2.
Blake, E. J. (See Jarvis, Roger E., assignor.)
Blake, R. P., et al. (See Simpson, Arthur E., assignor.)
Blaw-Knox Company. (See Garlinghouse, A. F., and Venable, assignors.)
Bleichert, Adolf, & Company. (See Gatzweiler, Johann, assignor.)
Blood, Bryant H., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Snap limit gauge. 1,571,314; Feb. 2.
Bludworth, William D., Sacramento, Calif. Pony and rider toy. Des. 69,344; Feb. 2.
Boardman, Edwin A., Hoquiam, assignor to J. F. O'Brien, Seattle, Wash. Adjustable stilt. 1,571,919; Feb. 2.
Bohn, Martin, assignor to The Keyless Lock Company, Indianapolis, Ind. Furniture. 1,571,230; Feb. 2.
Bolli, Henry, Bronx, N. Y. Saw gauge. 1,571,231; Feb. 2.
Boothe, Albert, Colfax, Iowa. Musical instrument. 1,571,315; Feb. 2.
Božić, Dobrivoje, Belgrade, Yugoslavia. Quick-action triple valve. 1,571,506; Feb. 2.
Bozich, Peter M., Spokane, Wash. Grain-car-door latch. 1,571,444; Feb. 2.
Bradley, Allen, Herndon, Va. Hay-stacking frame. 1,571,787; Feb. 2.
Brunlette, Andrew J., jr., Huntington Park, assignor of one-third to J. C. Craig, Los Angeles, Calif. Shock absorber. 1,571,788; Feb. 2.
Brandes, Friedrich W., Solvesborg, Sweden. Dustlike fuel. 1,571,621; Feb. 2.
Brandt, Edmund S. R., Newport, R. I., assignor to the Government of the United States, represented by the Secretary of the Navy. Torpedo. 1,571,507; Feb. 2.
Brandt, Maurice L. (See Ipsen, Henrik, assignor.)
Bremer, Joseph H., Tampa, Fla. Push button. 1,571,316; Feb. 2.
Brennan, Charles T., assignor to The E. J. Manville Machine Company, Waterbury, Conn. Mechanism for feeding metal blanks. 1,571,232; Feb. 2.
Brenne, Arild M., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,571,699; Feb. 2.
Brettschneider, Josephine, St. Paul, Minn. Water waver. 1,571,317; Feb. 2.
Bridgewater, Horace M. (See Fliegelman, D., and Bridgewater.)
Briggs Manufacturing Company. (See Marshall, William, assignor.)
Briggs, Peter A., Spokane, Wash. Press. 1,571,622; Feb. 2.
Brinton, H., Company. (See MacNamee, Joseph B., assignor.)
Brotherton, George W., O. O. Weaver, and N. W. Johnson, Hartford City, Ind. Rat trap. 1,571,392; Feb. 2.
Brown, Dee C. (See Renzetti, A. M., and Brown.)
Browning, George. (See La Chance, L. H., and Browning.)
Bruger, Louis. (See Schafran, Isaac, assignor.)
Bryant and May Proprietary Limited. (See Ney, Andrew F., assignor.)
Bunker, H. M., & Company. (See Gardner, Percy, assignor.)
Burkett, Joseph S., Macon, Ga. Collapsible derrick. 1,571,318; Feb. 2.
Buron, Joseph N., Santa Barbara, Calif. Safety stirrup. 1,571,570; Feb. 2.
Burrell, William C., Kankakee, Ill. Parting strip for cement structures. 1,571,700; Feb. 2.
Bussinger, Charles C., Modesto, Calif. Hoisting device. 1,571,789; Feb. 2.
Butler, Henry G., Houston, Tex. Method of and apparatus for burning ballast. 1,571,701; Feb. 2.
Butler, Nathan C., Cleveland, Ohio. Fuse plug. 1,571,702; Feb. 2.
Butterfield, Charles. (See Blackford, R. E., and Butterfield.)
Butzbach, Otto, Chicago, Ill., assignor to The Invincible Blow Pipe Co. Drier. 1,571,703; Feb. 2.
Buxton & Skinner Printing and Stationery Company. (See Hermann, Otto L. assignor.)
Byrne, Charles F., Janesville, Wis., assignor to General Motors Corporation, Detroit, Mich. Tractor hitch. 1,571,319; Feb. 2.
Cable, Julius L., Boston, Mass. Folding chair. 1,571,538; Feb. 2.
Cady, William M., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automotive brake. 1,571,184; Feb. 2.
Caldwell, Jack, Los Angeles, assignor of one-half to R. N. Ferguson, Pasadena, Calif. Shock absorber. 1,571,393; Feb. 2.
Caldwell, John H., Seattle, Wash. Land-clearing machine. 1,571,704; Feb. 2.
Callahan Distributor Company. (See Callahan, J. W., and Dusinberre, assignors.)
Callahan, John W., and G. B. Dusinberre, assignors to Callahan Distributor Company, Incorporated, Wellsboro, Pa. Hay-handling method and device. 1,571,539; Feb. 2.
Cambridge and Paul Instrument Company Limited. (See Apthorpe, William H., assignor.)
Camden, Andrew B., Durant, Okla., assignor to J. W. Allen and S. H. Allen, Temple, Tex. Traffic indicator and advertising sign. 1,571,790; Feb. 2.
Campbell, MacAlbert, Knoxville, Tenn. Cut-out. 1,571,791; Feb. 2.
Canine, Chester W., Norwood, Ohio. Laundry-marking tag. 1,571,792; Feb. 2.
Carle, Harold, Buffalo, N. Y., assignor, by mesne assignments, to Vortex Mfg. Co., Chicago, Ill. Cup dispenser. 1,571,705; Feb. 2.
Carlson, Wendell L., and G. W. Carpenter, Washington, D. C. Electrotherapeutic apparatus. 1,571,508; Feb. 2.
Carmichael, James H., assignor to U. S. Cartridge Company, Lowell, Mass. Making waterproof paper tubes. 1,571,706; Feb. 2.
Carpenter, Glenn W. (See Carlson, W. L., and Carpenter.)
Carroll, John E., assignor to Co-2 Products Company, Philadelphia, Pa. Vending machine for compressed gases and fluids in containers. 1,571,750; Feb. 2.
Carter, Albert S., et al. (See Warner, Harvey J., assignor.)
Case, Arthur F., assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Rotary car dumper. 1,571,233; Feb. 2.
Casein Manufacturing Company, The. (See Dunham, Andrew A., assignor.)
Castellan, Giulio, San Luis Obispo, Calif. Fish gun. 1,571,751; Feb. 2.
Cavicchi, Ercole, Quincy, Mass. Base and floor border polishing machine. 1,571,571; Feb. 2.
Casper, George D., New York, assignor of one-half to W. W. Schusky, Long Island City, N. Y. Drain trap. 1,571,707; Feb. 2.
Cattell, W. J., et al. (See Warner, Harvey J., assignor.)
Cayo, Julius N., Buchanan, Mich. Top. 1,571,708; Feb. 2.
Chalmer, Ernest, Surbiton, England. Runner for curtain rods. 1,571,894; Feb. 2.
Chamberlain, Grace G., assignor of one-fifth to W. W. Fife, New Orleans, La. Automatic drip coffeepot. 1,571,752; Feb. 2.
Chartoff, Louis, and J. Sumerspitz, Brooklyn, N. Y. Display device. 1,571,623; Feb. 2.
Chevalier, John F. (Griswold, A. A., and Goddard, assignors.)
Chicago Pneumatic Tool Company. (See Hoffman, Leon F., assignor.)
Chicago Pneumatic Tool Company. (See Kimman, Theodore P., assignor.)
Chicago Pneumatic Tool Company. (See Smith, W. A., and Dockham, assignors.)
Chirelx, Henri, Paris, France. Relay. 1,571,368; Feb. 2.
Christian, John L., Pinnacle, N. C. Auto utility table. 1,571,753; Feb. 2.
Christopher, William M., Tonawanda, N. Y. Mop pail and wringer. 1,571,754; Feb. 2.

Cincinnati Bickford Tool Company, The. (See Klausmeyer, D. C., and Rickwood, assignors.)
Cincinnati Victor Company, The. (See Ryder, Charles D., assignor.)
Clark, Ansel R., Los Angeles, Calif. Apparatus and method for collecting seaweed. 1,571,395; Feb. 2.
Clark, George H., Brooklyn, N. Y., assignor to Radio Corporation of America. Variable condenser. 1,571,370; Feb. 2.
Clark, George H., Brooklyn, N. Y., assignor to Radio Corporation of America. Radio Signaling apparatus. 1,571,371; Feb. 2.
Clark, John, Walkerton, Ind. Track liner. 1,571,920; Feb. 2.
Clark, Samuel B., assignor of one-half to A. Waner, Harrah, Okla. Hydrocarbon generator. 1,571,321; Feb. 2.
Clarke, Oliver H., Washington, D. C., assignor to The Clymer Manufacturing Company, Rockford, Ill. Spot or search light assembly. 1,571,709; Feb. 2.
Clavel, René, Basel, Switzerland. Dyeing cellulose acetates. 1,571,320; Feb. 2.
Claxton, James W., Abilene, Tex. Grave marker. Des. 69,345; Feb. 2.
Clemetsen Company, The. (See Vaaler, Jens, assignor.)
Clymer Manufacturing Company, The. (See Clarke, Oliver H., assignor.)
Cobb, Edward S., assignor to Cobb Temperature Regulator Co., Los Angeles, Calif. Temperature-regulating device for orchards. 1,571,467; Feb. 2.
Cobb, John W., and H. J. Hodsman, Leeds, England. Purification of gas. 1,571,624; Feb. 2.
Cobb Temperature Regulator Co. (See Cobb, Edward S., assignor.)
Cocroft, Susanna, New York, N. Y. Facial-muscle-lifting device. 1,571,755; Feb. 2.
Code Check Guard Company. (See Gabel, Thomas R., assignor.)
Cole, Lyndon C., Hamilton, Ohio, assignor to Niles-Bement-Pond Company, New York, N. Y. Tool holder. 1,571,322; Feb. 2.
Cole, Lyndon C., and O. Pabst, Hamilton, Ohio, assignors to Niles-Bement-Pond Company, New York, N. Y. Axle-turning lathe. 1,571,323; Feb. 2.
Coles Copyholder Company. (See Coles, Howard B., assignor.)
Coles, Howard B., Brooklyn, assignor to Coles Copyholder Company, New York, N. Y. Copyholder. 1,571,658; Feb. 2.
Colomb, Henri, Tavannes, Switzerland. Manufacturing process of blanks for watch movements provided with jewel-insetting or plug holes. 1,571,756; Feb. 2.
Compagnie des Forges et Aciéries de la Marine et d'Homécourt. (See Granat, Elie, assignor.)
Compton, Pearl, Flint, Mich. Brake-band liner. 1,571,757; Feb. 2.
Comstock, L. J. (See Disch, J., and Frese, assignors.)
Conklin, Lee S., Grand Rapids, Mich. Display rack. 1,571,659; Feb. 2.
Connolly, Thomas W., Los Angeles, Calif. Adjustable support. 1,571,509; Feb. 2.
Conrad, Frank, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Volt-ampere meter. 1,571,234; Feb. 2.
Coolamp Company, The. (See Mull, Raymond A., assignor.)
Corney, Nehemiah P., Montville, N. J. Stickpin. Des. 69,346; Feb. 2.
Cosgrove, John W., Medford, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cementing machine. 1,571,710; Feb. 2.
Cotswold Comfortable Company. (See Trout, Harry W., assignor.)
Cotton, Alfred, assignor to Heine Boiler Company, St. Louis, Mo. Water-tube boiler. 1,571,369; Feb. 2.
Co-2 Products Company. (See Carroll, John E., assignor.)
Cover, John W., and O. F. Oliver, Seattle, Wash. Piston. 1,571,185; Feb. 2.
Cowgill, H. J., et al. (See Rundell, Sam S., assignor.)
Craig, Edward, St. Joseph, Mich. Machine for feeding sheet material. 1,571,572; Feb. 2.
Craig, J. C. (See Bramlette, Andrew J., jr., assignor.)
Cramer, Albert N., assignor to The Owens Bottle Company, Toledo, Ohio. Machine for forming glass articles. 1,571,445; Feb. 2.
Cranston, Albert E., Spokane, Wash., assignor to A. J. Gerrard, Chicago, Ill. Binding machine. 1,571,573; Feb. 2.
Crosse & Blackwell Limited. (See James, George, assignor.)
Crossley, Royal E., assignor to Crouse-Hinds Company, Syracuse, N. Y. Lock. 1,571,574; Feb. 2.
Crouse-Hinds Company. (See Crossley, Royal E., assignor.)
Crouse-Hinds Company. (See Olley, E. A., and Smith, assignors.)
Cutler-Hammer Mfg. Co., The. (See Barnum, T. E., and Stockle, assignors.)
Cutler-Hammer Mfg. Co., The. (See Fernow, Bernhard E., jr., assignor.)
Czapek, Stanley, Detroit, Mich., assignor to Radiant Specialty Co. Lighting fixture. Des. 69,347; Feb. 2.
D'Albe, Edmund E. F., Kingston-on-Thames, England, assignor of one-half to B. Winfield, New York, N. Y. Telegraphic transmission of pictures and images. 1,571,897; Feb. 2.
Dalzell, Arthur G., Toronto, Ontario, Canada. Pipe-laying device. 1,571,372; Feb. 2.
Darrah, William A., Chicago, Ill. Heating gases and equipment therefor. 1,571,575; Feb. 2.
Darrow, Henry E., Santa Barbara, Calif. Pressure-equalizer valve. 1,571,396; Feb. 2.
Davignon, Victor D., North Attleboro, assignor to General Plate Company, Attleboro, Mass. Plated metal and producing the same. 1,571,540; Feb. 2.
Davignon, Victor D., North Attleboro, assignor to General Plate Company, Attleboro, Mass. Plated metal. 1,571,541; Feb. 2.
Davis, Norman E., Chene Bourg, near Geneva, Switzerland, assignor to Radio Corporation of America. Wireless transmitting apparatus. 1,571,373; Feb. 2.
Dawes, George F., La Crosse, Wis. Flaked soap and making the same. 1,571,625; Feb. 2.
Dayton, James M., Hartford, assignor to Dayton Manufacturing Company, Torrington, Conn. Heavy-duty counter. 1,571,576; Feb. 2.
Dayton, James M., Hartford, assignor to The Dayton Manufacturing Company, Torrington, Conn. Compensator. 1,571,577; Feb. 2.
Dayton Manufacturing Company, The. (See Dayton, James M., assignor.)
De Busk, William R., assignor to The P. & M. Company, Chicago, Ill. Rail anchor. 1,571,186; Feb. 2.
Deere & Company. (See Paul, William L., assignor.)
De Feo, Vincenzo, assignor to Societa Anonima Ansaldo-San Georgio, Spezia, Italy. Submarine. 1,571,833; Feb. 2.
Dennison, French E., assignor to Lipman Refrigerator Car & Manufacturing Company, Beloit, Wis. Refrigerating apparatus. 1,571,660; Feb. 2.
Deppa, Bert W., Lancaster, Ohio. Box packer. 1,571,235; Feb. 2.
Descoteau, Adelard J., Newark, N. J., assignor to The Foster Screen Co. Inc. Rod or tube coupling. 1,571,661; Feb. 2.
Desmond, Joseph J., et al. (See Seley, Charles C., assignor.)
De Villiers, Peter G. T., Pretoria, Transvaal, assignor of one-half to A. Rogers-Jenkins, Durban, Natal, South Africa. Coin-box mechanism for coin-in-the-slot machines. 1,571,692; Feb. 2.
De Villiers, Peter G. T., Pretoria, Transvaal, assignor of one-half to A. Rogers-Jenkins, Durban, Natal, South Africa. Coin-actuated signaling apparatus. 1,571,693; Feb. 2.
Dewey, Clarence L., Elkhart, Ind. Decoy. 1,571,711; Feb. 2.
De Whalley, William R. M., assignor to Rones Limited, London, England. Apparatus for filing documents and the like. 1,571,187; Feb. 2.
Diamond, Rubin L., assignor of one-half to J. S. Adkison, McHenry, Miss. Agricultural implement. 1,571,758; Feb. 2.
Diamond, Rubin L., assignor of one-half to J. S. Adkison, McHenry, Miss. Agricultural implement. 1,571,759; Feb. 2.
Dick, Seward J., Clymer, Pa. Curtain and shade supporting bracket. 1,571,760; Feb. 2.
Dickerman, John A., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Making anvils for ammunition primers. 1,571,510; Feb. 2.
Dickey, Charles O., et al. (See Hartsock, Frank R., assignor.)
Dickey, Leonard E., et al. (See Hartsock, Frank R., assignor.)
Dieckmann, Edward H., Florisant, Mo. Tractor. 1,571,236; Feb. 2.
Diegel, Wilfrid E., River Rouge, Mich. Game. 1,571,188; Feb. 2.
Diehl, Frank, Wabash, Ind. Glue machine. 1,571,324; Feb. 2.
Dietzgen, Eugene, Company. (See Wedekind, Hugo, assignor.)
Dill, Errett B., Fort Wayne, Ind. Fuel-oil vaporizer. 1,571,237; Feb. 2.
Dilley, Arzeno J., River Forest, Mich. Self-lubricating spring hanger, bolt, and eye. 1,571,761; Feb. 2.
Disch, Joseph, and J. G. Frese, St. Louis, Mo., assignors to L. J. Comstock, Oakland, Calif. Adjustable step for automobile running boards. Re16,258; Feb. 2.
Dixie Cake Company. (See Attaway, William, assignor.)
Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Shade support. 1,571,578; Feb. 2.
Dockham, Clarence H. (See Smith, W. A., and Dockham.)
Donner, Carl R., Wittgenadorf, Germany. Bunghole seat of metal. 1,571,325; Feb. 2.
Donovan, John P., San Francisco, Calif. Automobile hoist. 1,571,178; Feb. 2.
Doolittle, Thomas C. (See Anderson, Carl, assignor.)
Dornier, Claudius, Friedrichshafen-on-the-Bodensee, Germany. Wooden girder. 1,571,238; Feb. 2.
Dornier, Claudius, assignor to the Firm: Dornier Metallbauten Gesellschaft mit beschränkter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Metal girder for light metal structures. 1,571,239; Feb. 2.

Dornier, Claudius, assignor of one-half to Firm: Dornier Metallbauten Gesellschaft mit beschränkter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Metal Girder. 1,571,240; Feb. 2.
Dornier Metallbauten Gesellschaft mit beschränkter Haftung. (See Dornier, Claudius, assignor.)
Dorsey, Farnum F., assignor to North East Electric Company, Rochester, N. Y. Lock washer. 1,571,511;
Dougan, Archie F., assignor of one-half to P. Hansen, Cochran, Oreg. Saw gauge. 1,571,397; Feb. 2.
Down, Sidney G., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake-shoe construction. 1,571,241; Feb. 2.
Down, Sidney G., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake-shoe construction. 1,571,242; Feb. 2.
Down, Sidney G., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake-shoe construction. 1,571,243; Feb. 2.
Down, Sidney G., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automotive brake. 1,571,244; Feb. 2.
Down, Sidney G., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Motor-vehicle brake. 1,571,245; Feb. 2.
Down, Sidney G., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automotive brake. 1,571,246; Feb. 2.
Down, Sidney G., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automobile brake. 1,571,247; Feb. 2.
Drake Process, Incorporated. (See Price, John D., assignor.)
Drake, Walter H. (See Price, J. D., and Drake.)
Draper Corporation. (See Rhoades, Alonzo E., assignor.)
Dreistadt, John. (See Hirthler, A. J., and Dreistadt.)
Dressler, Conrad, assignor to American Dressler Tunnel Kilns, Inc., New York, N. Y. Method of and apparatus for drying and calcining gypsum. 1,571,189; Feb. 2.
Driscoll, John S., Boston, Mass. Combined ash receptacle and cigar holder. 1,571,762; Feb. 2.
Dubilier Condenser and Radio Corporation. (See Dubilier, William, assignor.)
Dubilier Condenser & Radio Corporation. (See Van Deventer, Harry R., assignor.)
Dubilier, William, New York, N. Y., assignor to Dubilier Condenser and Radio Corporation. Electrical condenser. 1,571,512; Feb. 2.
Duncan Electric Manufacturing Company. (See Harris, Jesse, assignor.)
Dunham, Andrew A., Bainbridge, assignor to The Casein Manufacturing Company, New York, N. Y. Casein waterproof glue. 1,571,662; Feb. 2.
Dunham, Henry V., Mount Vernon, assignor to The Rosemary Creamery Company, New York, N. Y. Obtaining milk sugar. 1,571,626; Feb. 2.
Duplex Printing Press Company. (See Beckman, Henry F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Scott, Winfield, assignor.)
Durgin, Mark W., Corvallis, Oreg. Hay sweep. 1,571,398; Feb. 2.
Duryea, Nina L., Stockbridge, Mass. Artificial fabric. 1,571,579; Feb. 2.
Dusinberre, George B. (See Callahan, J. W., and Dusinberre.)
Eastman Machine Company. (See Ulrich, George E., assignor.)
Edmonds, Samuel R., Washington, D. C. Dimension stone and sill machine. 1,571,763; Feb. 2.
Edwards, Charles, Lansford, assignor of one-fourth to R. H. Grenfell, and one-fourth to J. F. Grenfell, Beaver Meadows, Pa. Chain-applying device. 1,571,764; Feb. 2.
Edwards, William H., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Telephone substation circuits. 1,571,513; Feb. 2.
Egelin, Ernst C., assignor to Aktiebolaget Antopins, Stockholm, Sweden. Box particularly for needle-shaped objects. 1,571,399; Feb. 2.
Egry Register Company, The. (See Johnson, Arthur A., assignor.)
Eickhoff, Friedrich, Rochester, N. Y. Tire-tread advertising device. 1,571,248; Feb. 2.
Electric Vacuum Cleaner Company. (See Queisser, Charles F., assignor.)
Ellis, Carleton. (See Huxham, Trevor S., assignor.)
Emack, James H., Philadelphia, Pa. Process and machine for variably cutting roofing slate. 1,571,712; Feb. 2.
Emery, Elias J., Lynn, Mass. Buffer. 1,571,713; Feb. 2.
Erickson, Arthur F., Portland, Oreg. Thermostatic oven regulator. 1,571,400; Feb. 2.
Erickson, Arthur F., Portland, Oreg. Valve. 1,571,401; Feb. 2.
Ericson, Willard E., Evanston, assignor to Bifiex Products Company, Waukegan, Ill. Automobile bumper. 1,571,249; Feb. 2.
Erie City Iron Works. (See Bettes, Fred M., assignor.)
Eschholz, Otto H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Arc-extinguishing device. 1,571,250; Feb. 2.
Eureka Radio and Phono Parts Co. (See Phillips, William, assignor.)
Evans, George E., Waco, Tex. Cotton-gin feeder. 1,571,514; Feb. 2.
Fairbanks, E. Hayward. (See Haag, Alfred H., assignor.)
Fairley, James F., Birmingham, England. Vertical wheel. 1,571,251; Feb. 2.
Faige, Robert N., and W. M. Johnson, Cleveland, Ohio, assignors to General Electric Company. Lens for vehicle lamps. 1,571,714; Feb. 2.
Famuliener, Ray, Salt Lake City, Utah. Combination inkwell and penrack. 1,571,252; Feb. 2.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electric train wire coupler. 1,571,190; Feb. 2.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Interlocking switch device. 1,571,191; Feb. 2.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake. 1,571,192; Feb. 2.
Farrel Foundry & Machine Company. (See North, J. Frank, assignor.)
Faulkner, Arthur B., Williamsport, Pa. Adjustable vise wrench. 1,571,326; Feb. 2.
Faunce, Benjamin F., Johnstown, Pa. Wheel mill. 1,571,468; Feb. 2.
Fearing, Joseph L., Greenwich, Conn., assignor to International Paper Company. Forming watermarks in paper. 1,571,715; Feb. 2.
Fellner & Ziegler. (See Krauss, Richard, assignor.)
Fels, William, assignor to M. Nydegger, Elizabeth, N. J. Pattern-change mechanism for knitting machines. 1,571,765; Feb. 2.
Fels, William, Elberta, Ala., assignor to M. Nydegger, Elizabeth, N. J. Cam mechanism for knitting. 1,571,766; Feb. 2.
Fels, William, Elberta, Ala., assignor to M. Nydegger, Elizabeth, N. J. Motor-control system. 1,571,767; Feb. 2.
Fels, William, Elberta, Ala., assignor to M. Nydegger, Elizabeth, N. J. Cam-control mechanism for knitting machines. 1,571,768; Feb. 2.
Fels, William, Elberta, Ala., assignor to M. Nydegger, Elizabeth, N. J. Selective-thread-change mechanism for knitting machines. 1,571,769; Feb. 2.
Fenner, George E., Oxford, Wis. Artificial bait. 1,571,770; Feb. 2.
Ferguson, Robert N. (See Caldwell, Jack, assignor.)
Fernow, Bernhard E., jr., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Brake. 1,571,542; Feb. 2.
Ferro Chemicals Inc. (See McElroy, Karl P., assignor.)
Fien, Alphonsus, assignor to S. H. Pomeroy Company, Inc., New York, N. Y. Metal window. 1,571,327; Feb. 2.
Fife, Walter W. (See Chamberlain, Grace G., assignor.)
Fishburn, Moses P., Carthage, Mo. Auto wrench. 1,571,580; Feb. 2.
Fischer, Albert C., Chicago, Ill. Expansion joint. 1,571,874; Feb. 2.
Fischer, Frank H., Atlantic City, N. J. Sign. 1,571,771; Feb. 2.
Fisher, Frank B., jr. (See Kirk, E. J., Jones, and Fisher, jr.)
Fisher, George H., Leavenworth, Kans. Water-recooling apparatus. 1,571,253; Feb. 2.
Fisher, John M., Salt Lake City, Utah. Stovepipe fastener. 1,571,772; Feb. 2.
Fishwick, Victor S., Cincinnati, Ohio. Carton-filling machine. 1,571,716; Feb. 2.
Flanigan, Joseph H., assignor of one-half to C. R. Sharp, Shemeld, Ala. Wrench. 1,571,328; Feb. 2.
Fleming, Ora A., Lincoln, Me. Safety gate. 1,571,402; Feb. 2.
Fleming, Richard C., Detroit, Mich. Diestock. 1,571,515; Feb. 2.
Fletcher, George H., Ashton-on-Mersey, England, assignor to Westinghouse Electric and Manufacturing Company. Armature of dynamo-electric machines. 1,571,914; Feb. 2.
Fletcher Works Incorporated. (See Schaum, Carl, assignor.)
Fliegelman, David, and H. M. Bridgewater, Bridgeport, Conn. Holder for flags or the like. 1,571,581; Feb. 2.
Flynn, Michael A., Akron, Ohio. Mold for curing inner tubes. 1,571,193; Feb. 2.
Folberth, Fred G. and W. M., Cleveland, Ohio, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 1,571,516; Feb. 2.
Folberth, William M. (See Folberth, Fred G. and W. M.)
Foote, Charles B., New York, N. Y. Dauber. 1,571,254; Feb. 2.
Foote, Frank L., Boy River, Minn. Headlight-dimming means. 1,571,255; Feb. 2.
Force, Harold H., Philadelphia, Pa. Portable shoe-polishing machine. 1,571,773; Feb. 2.
Fornaca, Guido, Turin, Italy. Hydraulic brake system. 1,571,517; Feb. 2.
Fortescue, Charles L., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical protective device. 1,571,256; Feb. 2.
Foss, Carl and S. O., Seattle, Wash. Oil-engine heater. 1,571,663; Feb. 2.
Foss, Simon O. (See Foss, Carl and S. O.)

Foster, Ernest, North Brunswick, Victoria, assignor to Vermont Casein Pty, Ltd., Melbourne, Victoria, Australia. Apparatus for reducing and drying casein curd. 1,571,518; Feb. 2.
Foster Screen Co., The. (See Descoteau, Adelard J., assignor.)
Frantz, Peter, assignor to Frantz Manufacturing Co., Sterling, Ill. Door catch. 1,571,194; Feb. 2.
Frantz Manufacturing Co. (See Frantz, Peter, assignor.)
Franzino, Jack, New York, N. Y. Wall plate for lighting fixtures. Des. 69,348; Feb. 2.
Franzino, Jack, New York, N. Y. Wall plate for lighting fixtures. Des. 69,349; Feb. 2.
Fratzke, Gustav, Merrill, Wis. Portable door lock. 1,571,543; Feb. 2.
Fredette, Frank H., Newark, N. J. Baseball game. 1,571,469; Feb. 2.
Freeman, Hubert M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Grid leak. 1,571,257; Feb. 2.
Frese, John G. (See Diech, J., and Frese.)
Freund, Emanuel, New York, N. Y. Statuette. Des. 69,350; Feb. 2.
Fried. Krupp Aktiengesellschaft. (See Becker, Julius, assignor.)
Fried. Krupp Aktiengesellschaft Germaniawerft. (See Alt, O., and Heisig, assignors.)
Frier, James H., jr., Evanston, assignor to The Bassick Manufacturing Company, Chicago, Ill. Pump. 1,571,915; Feb. 2.
Frunz, Frank J., and J. W., Patterson, Calif. Automatic air valve. 1,571,258; Feb. 2.
Frunz, John W. (See Frunz, Frank J. and J. W.)
Fulton, Loyd R., Huntington Park, Calif. Vertical-space register for typewriters. 1,571,403; Feb. 2.
Furber, Frederick M., Revere, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Controlling mechanism. 1,571,259; Feb. 2.
Gabel, Thomas R., Los Angeles, Calif., assignor to Code Check Guard Company. Check protector. 1,571,470; Feb. 2.
Gabrielson, Carl, Syracuse, N. Y. Reverse line-spacing device for typewriting machines. 1,571,519; Feb. 2.
Gaffney, Leo, Philadelphia, Pa. Valve-spring lifter. 1,571,195; Feb. 2.
Gairing, Emil, Detroit, Mich. Boring tool. 1,571,260; Feb. 2.
Galant, Wladyslaw, Chicago, Ill. Aquarium. 1,571,196; Feb. 2.
Galayda, Michael F., Pageton, W. Va. Radioheadgear. 1,571,471; Feb. 2.
Gardocky, Walter, Conshohocken, Pa. Machine for placing flipper strips on tire beads. 1,571,404; Feb. 2.
Gardner, Percy, East Orange, N. J., assignor to H. M. Bunker & Company, Inc., New York, N. Y. Machine for forming tubular fabrics. 1,571,774; Feb. 2.
Garlinghouse, Albert F., Aspinwall Borough, and W. M. Venable, Pittsburgh, Pa., assignors to Blaw-Knox Company. Measuring device for bulk materials. 1,571,544; Feb. 2.
Garris, Bernard J., Wilmington, Del., assignor of one-half to L. Samel, South Sterling, N. J. Dispensing device. 1,571,775; Feb. 2.
Gatzweiler, Johann, assignor to Adolf Bleichert & Company, Leipzig-Gohlis, Germany. Aerial ropeway. 1,571,520; Feb. 2.
General Electric Company. (See Faige, R. N., and Johnson, assignors.)
General Electric Company. (See Gräner, Ladislaus P., assignor.)
General Electric Company. (See Kjolseth, Ole K., assignor.)
General Electric Company. (See Schombourger, Lucien, assignor.)
General Electric Company. (See Steenstrup, Christian, assignor.)
General Motors Corporation. (See Byrne, Charles F., assignor.)
General Motors Corporation. (See Midgley, Thomas, jr., assignor.)
General Motors Corporation. (See Thomas, John G. P., assignor.)
General Motors Corporation. (See Whitacre, Clarence J., assignor.)
General Motors Research Corporation. (See Summers, Caleb E., assignor.)
General Plate Company. (See Davignon, Victor D., assignor.)
George, Jerome R., assignor to Morgan Construction Company, Worcester, Mass. Conveying mechanism. 1,571,521; Feb. 2.
Germond, Henry S., jr., Bayonne, N. J. Portable elevator. 1,571,627; Feb. 2.
Gerrard, Alec J. (See Cranston, Albert E., assignor.)
Gesellschaft für Chemische Produktion m. b. H. (See Schmidt, Erwin, assignor.)
Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schloemilch, Wilhelm, assignor.)
Gibbons, Charles J., Bridgeport, Conn. Rolling mill. 1,571,545; Feb. 2.
Gilbert, Charles E., Fort Wayne, Ind. Attachment for reproducing facsimile signatures. 1,571,664; Feb. 2.
Gilman, George H., Boston, Mass. Heat treating of articles. 1,571,329; Feb. 2.
Ginter, Earl E., Ranshaw, Pa. Combined compass and protractor. 1,571,261; Feb. 2.
Glaser, John E., East Hartford, Conn. Magazine for firearms. 1,571,776; Feb. 2.
Goddard, Alvin C. (See Griswold, A. A., and Goddard.)
Goetzke, Herman W. A., North St. Paul, Minn. Finger ring. Des. 69,351; Feb. 2.
Goldberg, Meyer J. Muskegon, assignor, by mesne assignments, to The Maximotor Company, Muskegon Heights, Mich. Explosive-mixture-supply control device for internal-combustion engines. 1,571,197; Feb. 2.
Golden, Charles F., Denver, Ind. Circle-working implement. 1,571,777; Feb. 2.
Golding Bros. Company. (See Korzinek, William C., assignor.)
Goldsmith, Alfred N., New York, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Apparatus for wave changing in radiosignaling. 1,571,405; Feb. 2.
Golinick, Paul A., assignor to Spiegel, May, Stern Co., Chicago, Ill. Tray. 1,571,330; Feb. 2.
Ganzález, Joaquin M., Marcane Termino, Palma Soriano, Cuba. Injector. 1,571,406; Feb. 2.
Gourtoff, Paul A., Edgemere, N. Y. Aeroplane kite. 1,571,472; Feb. 2.
Government of the United States. (See McVay, Charles B., jr., assignor.)
Government of the United States, represented by the Secretary of the Navy. (See Brandt, Edmund S. R., assignor.)
Granat, Elie, assignor of one-half to Compagnie des Forges et Aciéries de la Marine et d'Homécourt, Paris, France. Electric distant control system. 1,571,262; Feb. 2.
Grandjean, Marc, Paris, France. Paper-feeding means for stenographic machines. 1,571,522; Feb. 2.
Gräner, Ladislaus P., Eindhoven, Netherlands, assignor, by mesne assignments, to General Electric Company. Manufacturing metal caps for electric incandescent lamps. 1,571,717; Feb. 2.
Gray, Frederick O., assignor to Ohmer Fare Register Company, Dayton, Ohio. Taximeter fare-counter control. 1,571,263; Feb. 2.
Green, Elmer J. (See Backherms, Alvin B., assignor.)
Greist Manufacturing Company, The. (See Greist, Walter C., assignor.)
Greist, Walter C., assignor to The Greist Manufacturing Company, New Haven, Conn. Portable lamp. 1,571,407; Feb. 2.
Grenfell, John F., et al. (See Edwards, Charles, assignor.)
Grenfell, Richard H., et al. (See Edwards, Charles, assignor.)
Gretsch, Rudolf, Berlin-Grunewald, Germany, assignor to Westinghouse Electric & Manufacturing Company. Vehicle stabilizer. 1,571,264; Feb. 2.
Gridley, Charles C., Columbus, Ohio. Roof ventilator. 1,571,473; Feb. 2.
Grillet, Nicolas B., Neuilly, assignor to Societe pour la Fabrication de la Soie "Rhodiaseta", Paris, France. Apparatus for the manufacture of artificial threads or filaments. 1,571,474; Feb. 2.
Grimshaw, William, Glen Ellyn, Ill. Fire extinguisher. 1,571,546; Feb. 2.
Griswold, Albert A., Providence, R. I., and A. C. Goddard, Richmond Hill, N. Y., assignors of one-half to said Griswold and one-half to J. F. Chevalier, Brookline, Mass. Flexible-shingle-wiring machine. 1,571,582; Feb. 2.
Gross, Benjamin & Edward J., Co. (See Scherer, Charles, assignor.)
Grubman Engineering & Manufacturing Co. (See Grubman, Leo J., assignor.)
Grubman, L. J., Incorporated. (See Grubman, Leo J., assignor.)
Grubman, Leo J., Belle Harbor, assignor to L. J. Grubman, Incorporated, Long Island City, N. Y. Applying eye mountings in dol heads. 1,571,916; Feb. 2.
Grubman, Leo J., Belle Harbor, assignor to Grubman Engineering & Manufacturing Co. Inc., Long Island City, N. Y. Applying eye mountings in doll heads. 1,571,917; Feb. 2.
Guelbaum, David, Syracuse, N. Y. Universal grain-cutting machine. 1,571,408; Feb. 2.
Guenther, Henry J., assignor to Therman Leather Goods Co., Inc., New York, N. Y. Brief bag. 1,571,475; Feb. 2.
Gunn Furniture Company, The. (See Richards, James A., assignor.)
Gurley, W. & L. E. (See Price, William G., assignor.)
Haag, Alfred H., Baltimore, Md., assignor of fifteen one-hundredths to E. Hayward Fairbanks, Merchantville, N. J. Radiocabinet. 1,571,665; Feb. 2.
Hagar, Arthur P., Newark, N. J., assignor to The Safety Car Heating and Lighting Company. Signal apparatus. 1,571,547; Feb. 2.
Hagman, William J., Philadelphia, Pa., assignor to Niles-Bement-Pond Company, New York, N. Y. Axle cutting-off and centering machine. 1,571,331; Feb. 2.
Halvorsen, Henry, Detroit, Mich. Heat-treating furnace. 1,571,666; Feb. 2.
Hanes, Nathan G. (See Scott, N. I., and Hanes.)
Hansen, Pete. (See Dougan, Archie F., assignor.)
Harris, J. M., et al. (See Simpson, Arthur E., assignor.)

Harris, Jesse, assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Induction electricity meter. 1,571,198; Feb. 2.
Harris, Jesse, assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Synchronous induction motor. 1,571,199; Feb. 2.
Harris, Jesse, assignor to Duncan Manufacturing Company, La Fayette, Ind. Induction electricity meter. 1,571,200; Feb. 2.
Hartman, Charles H., assignor to W. F. Stimpson, Louisville, Ky. Knife-edge pivot for scales. 1,571,265; Feb. 2.
Hartsock, Frank R., assignor of one-half to C. O. Dickey and one-third to L. E. Dickey, Warsaw, Ind. Rim tool. 1,571,266; Feb. 2.
Hartsock, Frank R., assignor of one-third to C. O. Dickey and one-third to L. E. Dickey, Warsaw, Ind. Tube-flaring tool. 1,571,267; Feb. 2.
Hartung, Theodore A., Austin, Tex. Riding Fresno scraper. 1,571,476; Feb. 2.
Haseltine, Stacy B., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,571,898; Feb. 2.
Haseltine, Stacy B., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Door operating and locking device. 1,571,899; Feb. 2.
Hayes, Ira P., Eckford, Mich. Poultry feeder. 1,571,409; Feb. 2.
Haynes, Charles M., Chillicothe, Ohio. Self-filling fountain pen. 1,571,477; Feb. 2.
Hein, George N., San Francisco, Calif. Adjustable piston-rod centering guide and coupling, especially adapted for syringes. 1,571,268; Feb. 2.
Heine Boiler Company. (See Cotton, Alfred, assignor.)
Helsig, Curt. (See Alt, O., and Helsig.)
Hendler, Oscar, Vienna, Austria. Holder for cigarettes and cigars. 1,571,410; Feb. 2.
Hendrickson, Robert O., assignor to Belle City Manufacturing Company, Racine, Wis. Tractor. 1,571,628; Feb. 2.
Henry, William, McCarthy, Alaska. Automatic stop. 1,571,834; Feb. 2.
Heppes, Otto A., Chicago, Ill., assignor to The Richardson Company, Lockland, Ohio. Building board and making it. 1,571,667; Feb. 2.
Hermann, Otto L., assignor to Buxton & Skinner Printing and Stationery Company, St. Louis, Mo. Loose-leaf binder. 1,571,905; Feb. 2.
Hermanowich, Stephen, Ellwood City, Pa. Ice-card holder. 1,571,835; Feb. 2.
Herminghausen, Louis W., Mendon, Mo., assignor of one-half to J. H. Staples, Shawnee, Okla. Fishing tool. 1,571,332; Feb. 2.
Hess, Edward B., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,571,718; Feb. 2.
Hess, Edward B., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,571,719; Feb. 2.
Hess, Edward B., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,571,720; Feb. 2.
Hess, Edward B., New York, and L. C. Myers, Freeport, assignors to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 1,571,721; Feb. 2.
Heverle, Richard L. (See Weiland, Frank E., assignor.)
Hewitt, Arthur J. (See McLeod, J. E., and Hewitt.)
Heywood, Anna R. (See Moisan, M. V., and Heywood.)
Hickox, Jay R. (See Anderson, A. W., and Hickox.)
Hirthler, Alfred J., and J. Dreistadt, Wilkes-Barre, Pa. Cartridge for blasting powder. 1,571,478; Feb. 2.
Hockersmith, Howard J., and F. M. Argerbright, Great Falls, Mont.; said Argerbright assignor to said Hockersmith. Soldering iron. 1,571,836; Feb. 2.
Hodsman, Henry J. (See Cobb, J. W., and Hodsman.)
Hoffman, Leon F., Franklin, Pa., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Cylinder head for internal-combustion engines. 1,571,583; Feb. 2.
Hoffman, Ralph A., Marshalltown, Iowa. Grid for storage batteries. 1,571,333; Feb. 2.
Holland, Pink D., Saratoga, Tex. Resilient wheel. 1,571,411; Feb. 2.
Holley, Julius J., La Crosse, Wis. Automobile signal device. 1,571,722; Feb. 2.
Homan, William C., Meriden, Conn., assignor to L. T. Wilcox, Peekskill, N. Y. Wick holder. 1,571,668; Feb. 2.
Hompe, Robert W., Cleveland Heights, Ohio. Valve lock. 1,571,669; Feb. 2.
Horton, Thomas A., and A. E. Maspons, Kingston, N. Y. Cigar-mold press. 1,571,548; Feb. 2.
Howard, Frank E., assignor to James L. Howard and Company, Hartford, Conn. Door hanger. 1,571,334; Feb. 2.
Howard, James L., and Company. (See Howard, Frank E., assignor.)
Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Photographic camera. 1,571,670; Feb. 2.
Howells, Julius M., Oakland, Calif. Hydraulic-fill-dam-building machine. 1,571,446; Feb. 2.
Howes, George W., assignor to The Beckwith Company, Dowagiac, Mich. Stove. 1,571,723; Feb. 2.
Houston Blow Pipe & Sheet Metal Works. (See Rogers, John C., assignor.)
Hubbs, Charles L., San Diego, Calif. Safety lock for motor vehicles. 1,571,724; Feb. 2.
Huber, Frederick W., San Francisco, Calif. Indexing device. 1,571,479; Feb. 2.
Hudson Motor Car Company. (See Machesky, John V., assignor.)
Hugé, Etienne, Indret, France. Sprayer. 1,571,629; Feb. 2.
Hull, John C., Gasport, N. Y. Cooling system for sprayers. 1,571,837; Feb. 2.
Hutchinson, Frank L., Wauwatosa, assignor, by mesne assignments, to Milwaukee Valve Company, Milwaukee, Wis. Steam trap. 1,571,921; Feb. 2.
Hutson, Archibald, Erie, Pa. Clamshell dredger bucket. 1,571,838; Feb. 2.
Huxham, Trevor S., Bloomfield, assignor, by mesne assignments, to C. Ellis, Montclair, N. J. Composition for molding and making same. 1,571,447; Feb. 2.
Improved Paper Machinery Company. (See Reed, H. J., and Spafford, assignors.)
Industrial Gloves Corporation. (See Millard, Irwin W., assignor.)
Ingersoll-Rand Company. (See Smith, William A., assignor.)
International Paper Company. (See Fearing, Joseph L., assignor.)
International Patents Development Company. (See Jeffries, Frederick L., assignor.)
International Patents Development Company. (See Newkirk, William B., assignor.)
Invincible Blow Pipe Co., The. (See Butzbach, Otto, assignor.)
Ipsen, Henrik, Brooklyn, assignor to M. L. Brandt, New York, N. Y. Razor stropper. 1,571,523; Feb. 2.
Irvin, Richard, Knoxville, Pa. Producing sheet-metal pipe. 1,571,412; Feb. 2.
Irving-Pitt Manufacturing Company. (See Pitt, William P., assignor.)
Iven, Charles J., assignor to J. H. Sager Company, Rochester, N. Y. Bumper for motor vehicles. 1,571,671; Feb. 2.
Jaeger, Max, assignor to Anchor Cap & Closure Corporation, Brooklyn, N. Y. Package-assembling machine. 1,571,269; Feb. 2.
James, George, assignor to Crosse & Blackwell Limited, London, England. Jar. Des. 69,352; Feb. 2.
James, Paul N. C., Paris, France. Double control of the combined type for aeroplanes and for like purposes. 1,571,413; Feb. 2.
Janes, Clyde M., Pawtucket, R. I., Stafety stop light. 1,571,584; Feb. 2.
Japolsky, Nicolas, London, England. High-tension circuit breaker. 1,571,630; Feb. 2.
Jacquemin, André F., Saucourt, France. Furnace for the heating and unwinding of wire. 1,571,839; Feb. 2.
Jarvis, Roger E., assignor of one-half to E. J. Blake, St. Louis, Mo. Covering for plumbing fixtures and the like. 1,571,335; Feb. 2.
Jayne, Ames R., assignor to American Steel Wheel Corporation, Chicago, Ill. Punch and die construction. 1,571,672; Feb. 2.
Jayne, Ames R., assignor to American Steel Wheel Corporation, Chicago, Ill. Automobile wheel-forming punch and die. 1,571,673; Feb. 2.
Jefferies, Frederick L., Riverside, Ill., assignor, by mesne assignments, to International Patents Development Company. Liquid-sampling apparatus. 1,571,201; Feb. 2.
Jeffrey Manufacturing Company, The. (See Levin, Nils D., assignor.)
Jensen, Herbert G., Detroit, Mich. Thermostatic control for heaters. 1,571,270; Feb. 2.
Jensen, Vernon W., Seattle, Wash. Amplifier. 1,571,414; Feb. 2.
Jenssen, G. D., Company. (See Jenssen, Jacob D., assignor.)
Jenssen, Jacob D., assignor to G. D. Jenssen Company, New York, N. Y. Producing acid liquor in sulphite pulp processes. 1,571,271; Feb. 2.
Johnson, Augusta S., Brooklyn, assignor to Model Brassiere Co., Inc., New York, N. Y. Brassière. 1,571,415; Feb. 2.
Johnson, Frank P. (See Johnson, William R. and F. P.)
Johnson, Nathan W. (See Brotherton, G. W., Weaver, and Johnson.)
Johnson, Arthur A., Bridgeport, Conn., assignor to The Egry Register Company, Dayton, Ohio. Autographic register. 1,571,448; Feb. 2.
Johnson, Wilbur M., (See Faige, R. N., and Johnson.)
Johnson, William R. and F. P., assignors to F. E. Reed Glass Company, Rochester, N. Y. Bottle. Des. 69,353; Feb. 2.
Johnston, Alfred P., Winnipeg, Manitoba, Canada. Multigraph rail-soldering machine. 1,571,416; Feb. 2.
Jones, Thomas D. (See Kirk, E. J., Jones, and Fisher, jr.)
Jorgensen, Olav E., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Fuel pump for internal-combustion engines. 1,571,585; Feb. 2.
Juhász, Julius, Madison, Conn. Reversible turndown collar and making the same. 1,571,480; Feb. 2.
Kadel, Byers W., Baltimore, Md., assignor by mesne assignments to The Symington Company. Journal box. 1,571,272; Feb. 2.

Kadel, Byers W., Baltimore, Md., assignor, by mesne assignments, to The Symington Company. Side frame. 1,571,273; Feb. 2.
Kamp, Alphonse, Ostend, Belgium. Bogie for rail and tramway cars. 1,571,274; Feb. 2.
Kandera, John, New York, N. Y. Planer. 1,571,449; Feb. 2.
Karcher, Otto, Canton, Ohio. Velocipede. 1,571,202; Feb. 2.
Kasmeier, John, Beeville, Tex. Insect destroyer. 1,571,481; Feb. 2.
Kass, Louis J., assignor to The Ferdinand Strauss Corporation, New York, N. Y. Mechanical toy. 1,571,203; Feb. 2.
Kaufman, David, New York, N. Y. Protective apparatus for bank windows and the like. 1,571,450; Feb. 2.
Kaufmann, Jacob, Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Pile-forming wire for pile-fabric looms. 1,571,586; Feb. 2.
Kayser, Julius, & Co. (See Terry, William B., assignor.)
Kazarian, Kasber, Providence, R. I. Bobbin holder for braiding machines. 1,571,587; Feb. 2.
Keller, Westfield H., Watertown, N. Y. Fuel-conserving device for locomotives. 1,571,840; Feb. 2.
Keller, Louis B., Chicago, Ill. Vehicle signal. 1,571,841; Feb. 2.
Kelley, Edgar A., Berkeley, Calif. Hose rack. 1,571,275; Feb. 2.
Kelling, Gustave C., Chicago, Ill. Measuring machine for peanuts and the like. 1,571,588; Feb. 2.
Kelly, William L., Olyphant, assignor to J. D. Monie, Scranton, Pa. Clothesline holder. 1,571,336; Feb. 2.
Kenyon, Otis A., New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Automatic welder. 1,571,924; Feb. 2.
Kerr, Elizabeth A., Dublin, Ireland. Apparatus for the manufacture of candles. 1,571,589; Feb. 2.
Kerth, Arthur J., Clayton, Mo. Automobile bed. 1,571,549; Feb. 2.
Keuffel and Esser Company. (See Bernegau, Carl M., assignor.)
Keyless Lock Company, The. (See Bohn, Martin, assignor.)
Kimman, Theodore P., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Venting apparatus for motors. 1,571,550; Feb. 2.
Kincade, John M., assignor of two-fifths to F. E. Snypp, Springfield, Ohio. Railway. 1,571,590; Feb. 2.
King, Charles D., Rutherford, N. J. Paper fastener. 1,571,482; Feb. 2.
Kingsley, Harold T., Detroit, Mich. Mechanical toy. 1,571,674; Feb. 2.
Kirby, James B., Cleveland, Ohio. Suction cleaner. 1,571,276; Feb. 2.
Kirk, Eugene J., T. D. Jones, Kansas City, Mo., and F. B. Fisher, jr., Kansas City, Kans. Tone arm and wireless headpiece coupling. 1,571,204; Feb. 2.
Kitson Engineering Company (London) Limited, The. (See McNutt, William A., assignor.)
Kjelsberg, Harald A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Motor suspension. 1,571,906; Feb. 2.
Kjolseth, Ole K., Scotia, N. Y., assignor to General Electric Company. Locomotive or car truck. 1,571,725; Feb. 2.
Klausmeyer, David C., and R. L. Rickwood, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Radial-drill column clamp. 1,571,893; Feb. 2.
Klein, Max, assignor to Shapiro & Aronson, Inc., New York, N. Y. Body for lighting fixtures. Des. 69,354; Feb. 2.
Kleinow, George A., Marquette, Iowa. Line-chalking device. 1,571,483; Feb. 2.
Knab Corporation, The. (See Knab, Elmer L., assignor.)
Knab, Elmer L., assignor to The Knab Corporation, Rochester, N. Y. Eaves-trough hanger. 1,571,277; Feb. 2.
Knight, Edward M., Brooklyn, N. Y. Filtering medium. 1,571,417; Feb. 2.
Knight, Herbert M., Montclair, N. J. Tank. 1,571,484; Feb. 2.
Knight, Hervey S., Evanston, assignor to American Manganese Steel Company, Chicago, Ill. Grate bar for pulverizing machines. 1,571,675; Feb. 2.
Knowles, Carroll, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Gear grinder. 1,571,337; Feb. 2.
Kornn, John J., Oklahoma City, Okla. Radiator cap. Des. 69,355; Feb. 2.
Korzinek, William C., Cliffside Park, N. J., assignor to Golding Bros. Company, New York, N. Y. Textile fabric. Des. 69,356; Feb. 2.
Krakan, Frank G., Pittsburgh, Pa. Automobile spring device. 1,571,451; Feb. 2.
Kramer, Henry W., Kingston, assignor of one-half to R. P. Young, Marlboro, N. Y. Detachable handle and attaching means for wooden baskets. 1,571,551; Feb. 2.
Kratochvil, Joseph, Bridgeville, Pa. Paintbrush. 1,571,338; Feb. 2.
Krauss, Richard, Frankfort-on-the-Main-Rodelheim, assignor to Firm of Fellner & Ziegler, Frankfort-on-the-Main, Germany. Coal dust and air supply in Siemens-Martin and like furnaces. 1,571,418; Feb. 2.
Krueger, Carl W., Norwood, Ohio. Combined deflector and cover for heated air registers. 1,571,631; Feb. 2.
Krug, John B., Philadelphia, Pa. Game apparatus. 1,571,726; Feb. 2.
Kühn, Ludwig, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company. Connection for producing oscillations with vacuum tubes. 1,571,278; Feb. 2.
Labry, Joseph S., sr., Morganza, La. Soap holder. 1,571,842; Feb. 2.
La Chance, Leander H., and G. Browning, assignors to Lee Razor Manufacturing Company, Chicago, Ill. Safety razor. 1,571,552; Feb. 2.
Lamb, Margaret S., St. Paul, Minn. Figure toy. 1,571,279; Feb. 2.
Lamson Company, The. (See Maclaren, James G., assignor.)
Lamson, Dode M. (See Maus, H. P., and Lamson.)
Landgraf, Jacob T., assignor to American Steel Products Co., Macomb, Ill. Incubator. 1,571,280; Feb. 2.
Lanus, Charles R., Pocahontas, Iowa. Attachment for traction wheels. 1,571,419; Feb. 2.
La Port, George E., St. Joseph, Mo. Combination lock. 1,571,281; Feb. 2.
Laughlin, John N., and F. J. Myers, National Military Home, Kans. Coffee-urn crown. 1,571,843; Feb. 2.
Laurent, Antoine A., Minneapolis, Minn. Operating table. 1,571,205; Feb. 2.
Lautenschlager, William F., Cincinnati, Ohio. Machine element. 1,571,206; Feb. 2.
Lawrence, Obed I., Pauls Valley, Okla. Cash register. 1,571,485; Feb. 2.
Le Cras, Thomas J., Toronto, Ontario, Canada. Abdominal support. 1,571,420; Feb. 2.
Léculier, Paul, Lyon, France. Apparatus for drying fabrics or the like. 1,571,282; Feb. 2.
Lee Razor Manufacturing Company. (See La Chance, L. H., and Browning, assignors.)
Lee, Walter H., Washington, D. C. Display form. 1,571,844; Feb. 2.
Lefebvre, Albert, Pre Saint Gervais, France. Oil pump. 1,571,845; Feb. 2.
Leidecker, Frank W., Tulsa, Okla. Swab. 1,571,876; Feb. 2.
Lehman, Frank H., Lebanon, Pa. Receptacle for the storage of articles of food. 1,571,875; Feb. 2.
Lehman, William C., Cannelton, Ind. High chair. 1,571,846; Feb. 2.
Lentz, George W., assignor to United Alloy Steel Corporation, Canton, Ohio. Sheet-metal-straightening machine. 1,571,207; Feb. 2.
Lesser, Abraham B., Chicago, Ill. Safety pocket. 1,571,847; Feb. 2.
Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Locomotive headlight. Des. 69,357; Feb. 2.
Lind, Arvid, Stockholm, Sweden. Starting and steering device for boat-propelling apparatus. 1,571,421; Feb. 2.
Lindgren, Adolph F., Buffalo, N. Y. Lined sheet-metal barrel. 1,571,208; Feb. 2.
Link, Theodore H., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Hand brake. 1,571,677; Feb. 2.
Lipman Refrigerator Car and Manufacturing Company. (See Dennison, French E., assignor.)
Lidseen, Gustave, Chicago, Ill. Combined pump and force-feed oil can. 1,571,676; Feb. 2.
Ljungström, Birger. (See Ljungström, Fredrik and B.)
Ljungström, Fredrik, Lidingo-Brevik, and B. Ljungström, assignors to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Air-cooled condenser. 1,571,524; Feb. 2.
Lobenstein, Walter, Brooklyn, N. Y. Auxiliary eyeglasses or spectacles. 1,571,848; Feb. 2.
Lockwood, Harry C., Brooklyn, N. Y. Egg beater. 1,571,591; Feb. 2.
Long, Benjamin H., Brooklyn, N. Y., and W. M. Stone, East Orange, N. J., assignors to American Bander Company, New York, N. Y. Blank-feeding mechanism. 1,571,486; Feb. 2.
Long, Edward A., New Castle, Pa. Making building blocks. 1,571,849; Feb. 2.
Long, Omer E., Chicago, Ill. Self-fastening wall bracket. 1,571,283; Feb. 2.
Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Automatic pistol. 1,571,592; Feb. 2.
Lord, Francis L., Newark, N. J., assignor of one-half to H. J. Lucke, New York, N. Y. Tuned radiofrequency receiving system. 1,571,900; Feb. 2.
Lorenz, William A., assignor to The Otaka Fabric Company, Hartford, Conn. Paper crinkling. 1,571,593; Feb. 2.
Lorenz, William A., assignor, by mesne assignments, to The Otaka Fabric Company, Hartford, Conn. Paper embossing. 1,571,594; Feb. 2.
Lovejoy, Ralph M., Meredith, N. H. Universal coupling. 1,571,595; Feb. 2.
Low, John J., Santa Ana, Calif. Amplifier for radiophones. 1,571,452; Feb. 2.
Lubbock, Oswald J., Alameda, Calif. Sprinkler head. 1,571,422; Feb. 2.
Lucke, Henry J. (See Lord, Francis L., assignor.)

Ludlow, Walter S., jr., Delhi, Ohio. Signal service. 1,571,209; Feb. 2.
Ludwig, Leonard L., Delavan, Kans. Elevating mechanism. 1,571,284; Feb. 2.
Ludwig, Otto R., Garvin, Minn. Folding carrier. 1,571,850; Feb. 2.
Lynn, Earle A., Spokane, Wash., assignor to Sullivan Machinery Company. Water-intercepting means. 1,571,553; Feb. 2.
Lyon, Ray W., Trail, Oreg. Beater and mixer. 1,571,851; Feb. 2.
Macfarren, Samuel J., Washington, D. C. Calculator. 1,571,728; Feb. 2.
Machesky, John V., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Taillight. 1,571,286; Feb. 2.
Maclaren, James G., Mamaroneck, N. Y., assignor, by mesne assignments, to The Lamson Company. Carrier-distributing apparatus for pneumatic dispatch systems. 1,571,423; Feb. 2.
MacNamee, Joseph B., Llanerch, assignor to H. Brinton Company, Frankford, Philadelphia, Pa. Dial-aligning device. 1,571,855; Feb. 2.
Madden, Louis J., assignor of one-half to J. L. Wagner, Syracuse, N. Y. Adjustable cutter drill. 1,571,339; Feb. 2.
Mahurin, Vird L., Princeton, Mo. Puzzle board. 1,571,856; Feb. 2.
Manville Machine Company, The. (See Brennan, Charles T., assignor.)
Marquette Manufacturing Company. (See Nordgren, Algot W., assignor.)
Martin, Hawkins R., Fort Worth, Tex. Convertible furniture. 1,571,857; Feb. 2.
Maspons, Albert E. (See Horton, T. A., and Maspons.)
Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Hinge for windshields. 1,571,287; Feb. 2.
Marx, Frederick A. K., St. Louis, Mo. Molding apparatus. 1,571,424; Feb. 2.
Massacese, Vincenzo, New York, N. Y. Fabric furniture spring. 1,571,858; Feb. 2.
Mataloni, Joseph, Mason City, Iowa. Key holder. 1,571,425; Feb. 2.
Maus, Harry P., and D. M. Lamson, Lima, Ohio. Record-controlled musical instrument. 1,571,859; Feb. 2.
Maxfield, Jacey S., Grand Saline, Tex. Coin-controlled phonograph. 1,571,793; Feb. 2.
Maximotor Company, The. (See Goldberg, Meyer J., assignor.)
Maxon, Curtis, Los Angeles, Calif. Latch. 1,571,453; Feb. 2.
McCall, Peter L., Rockingham, N. C. Apparatus for forming paper cones. 1,571,852; Feb. 2.
McClanahan, Thomas G., Seattle, Wash. Detector. 1,571,907; Feb. 2.
McClatchie, Stanley, Cambridge, Mass., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Attachment plug. 1,571,727; Feb. 2.
McCowan, Samuel H., Greenway, Ark. Clamping device. 1,571,853; Feb. 2.
McDougall, James C., Montreal, Quebec, Canada. Building wall. 1,571,285; Feb. 2.
McElroy, Karl P., assignor to Ferro Chemicals Inc., Washington, D. C. Gasification of coal. 1,571,877; Feb. 2.
McFarland, John H., Merrill, Mich. Sampling device for beans and the like. 1,571,632; Feb. 2.
McLeod, John E., and A. J. Hewitt, Washington, Kans. Draft regulator. 1,571,854; Feb. 2.
McNutt, William A., Stamford, assignor to The Kitson Engineering Company (London) Limited, Westminster, London, England. Refrigerating system or apparatus. 1,571,633; Feb. 2.
McSpadden, Aurelious M., St. Louis, Mo. Grease pump. 1,571,634; Feb. 2.
McVay, Charles B., jr., Washington, D. C., assignor to the Government of the United States. Torpedo. 1,571,487; Feb. 2.
Melvin, Roy E. (See Peterson, A. J., and Melvin.)
Menzies, William E., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical system. 1,571,908; Feb. 2.
Menzies, William E., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulator system. 1,571,909; Feb. 2.
Merrick, Herbert L., Passaic, N. J. Weighing mechanism. 1,571,288; Feb. 2.
Merten, William J., Pittsburgh, Pa. Casehardening. 1,571,289; Feb. 2.
Merten, William J., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Quenching bath. 1,571,290; Feb. 2.
Meyer, Gertrude M., Davis, W. Va. Baking glove. 1,571,860; Feb. 2.
Meyer & Wenthe. (See Meyer, Gustav A. J., assignor.)
Meyer, Gustav A. J., assignor to Meyer & Wenthe, Chicago, Ill. Label holder for self-inking stamps. 1,571,291; Feb. 2.
Meyer, Harry R., and L. G. Riley, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Electrical switch for car doors. 1,571,292; Feb. 2.
Michael, William F., and W. A. Pauls, Benton Harbor, Mich. Automobile signal. 1,571,861; Feb. 2.
Middleton, Harry N., Westville, N. J., assignor to B. F. Sturtevant Company, Hyde Park, Mass. Conveyer system. 1,571,525; Feb. 2.
Midgley, Thomas, jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Prevention of fuel knock. 1,571,862; Feb. 2.
Miehle Printing Press & Manufacturing Company. (See Stevens, Burt D., assignor.)
Millard, Irwin W., assignor to Industrial Gloves Corporation, Chicago, Ill. Legging. 1,571,340; Feb. 2.
Miller, Ann, Dallas, Tex. Measuring instrument. 1,571,596; Feb. 2.
Miller Company, The. (See Doane, Leroy C., assignor.)
Millers Falls Company. (See Saunders, Kenneth H., assignor.)
Milnor, Joseph W. (See Sindeband, M. L., and Milnor.)
Milwaukee Valve Company. (See Hutchinson, Frank L., assignor.)
Miner, W. H., Inc. (See Anderson, Harley E., assignor.)
Miner, W. H., Inc. (See Brenne, Arild M., assignor.)
Miner, W. H., Inc. (See Haseltine, Stacy B., assignor.)
Miner, W. H., Inc. (See Link, Theodore H., assignor.)
Miner, W. H., Inc. (See O'Connor, John F., assignor.)
Miner, W. H., Inc. (See Strid, Sven J., assignor.)
Minton, Richard C., East Boldon, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Electric switch. 1,571,526; Feb. 2.
Mitchell, Mark B., Spring Prairie, Wis. Collapsible bed and tent for automobiles. 1,571,426; Feb. 2.
Model Brassiere Co. (See Johnson, Augusta S., assignor.)
Modline, Arthur B., Racine, Wis. Tobacco pipe. 1,571,729; Feb. 2.
Modine, Arthur B., Racine, Wis. Radiator. 1,571,730; Feb. 2.
Moetteli, Arnold, Oberwinterthur, Switzerland. Plant for cooling hot coke and utilizing the heat liberated thereby. 1,571,455; Feb. 2.
Molsan, Mitchel V., and A. R. Heywood, Central Square, N. Y. Educational game. 1,571,488; Feb. 2.
Monie, James D. (See Kelly, William L., assignor.)
Monson, Jöns, New York, N. Y. Toy. 1,571,901; Feb. 2.
Mooney, John D., St. Paul, Minn. Marine-engine combined reversing gear and clutch. 1,571,210; Feb. 2.
Moravec, Joseph E. (See Vorel, Frank, assignor.)
Morgan Construction Company. (See George, Jerome R., assignor.)
Morihata, Matsusuke, Honolulu, Hawaii. Toy vehicle. 1,571,489; Feb. 2.
Morrie, Tittisanna A., Sugarloaf, Pa. Piston for engines. 1,571,427; Feb. 2.
Morris, Herbert, Incorporated. (See Parrish, Donald E., assignor.)
Morris, Vernon J., Seattle, Wash. Baking utensil. 1,571,678; Feb. 2.
Morrison Laboratories, Incorporated. (See Morrison, Vaughn E., assignor.)
Morrison, Vaughn E., Detroit, Mich., assignor to Morrison Laboratories, Incorporated. Telephone-receiver unit. 1,571,454; Feb. 2.
Morton, Frank M. and G. W., Phoenix City, Ala. Raw-stock-dyeing apparatus. 1,571,863; Feb. 2.
Morton, Frank M. and G. W., Phoenix City, Ala. Dye vat. 1,571,864; Feb. 2.
Morton, Gordon W. (See Morton, Frank M. and G. W.)
Moser, William L., Winston-Salem, N. C. Vending machine. 1,571,341; Feb. 2.
Moss, Charles M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Flow meter. 1,571,293; Feb. 2.
Mull, Raymond A., assignor to The Coolamp Company, Benton Harbor, Mich. Acetylene lamp. 1,571,554; Feb. 2.
Myers, Elman B., Belleville, assignor to Radio Audion Company, Jersey City, N. J. Amplifier coil and connection. 1,571,490; Feb. 2.
Myers, Fred J. (See Laughlin, J. N., and Myers.)
Myers, Lewis C. (See Hess, E. B., and Myers.)
Naidul, Joe, West Allis, Wis. Trap. 1,571,635; Feb. 2.
Naldrett, Edgar, Edmonton, Alberta, Canada. Rail anchor. 1,571,428; Feb. 2.
National Equipment Company. (See Bausman, Alonzo L., assignor.)
Nelson, Anthony, St. Paul, Minn. Cue chalker. 1,571,211; Feb. 2.
Nelson, Theodore J. (See Samuelson, V. K., and Nelson.)
Nevenx, Fortunato, Rivoli, Turin, assignor to O. M. I. M. Officina Meccanica Industria Magileria, Turin, Italy. Stop mechanism for knitting machines. 1,571,294; Feb. 2.
New Idea Spreader Co., The. (See Oppenheim, T. H., and Selhorst, assignors.)
Newkirk, William B., Riverside, Ill., assignor, by mesne assignments, to International Patents Development Company. Making grape sugar. 1,571,212; Feb. 2.
Newman, A. L., Company. (See Newman, Almyr L., assignor.)
Newman, Almyr L., Warwick, assignor, by mesne assignments, to A. L. Newman Company, Cranston, R. I. Jewelry chain. 1,571,731; Feb. 2.
Newman, Gentry D., Newark, N. J. Tent-securing device. 1,571,295; Feb. 2.
Ney, Andrew F., East Kew, assignor to Bryant and May Proprietary Limited, Richmond, Victoria, Australia. Attaching hinged lids to rectangular metal boxes. 1,571,429; Feb. 2.

Nichols, Charlie E., Augusta, Ga. Rotary show-case stand. 1,571,597; Feb. 2.
Nickels, Stanford B. (See Robertson, Hugh E., assignor.)
Nieberding, Frank A., deceased, Cleveland, Ohio; M. H. Nieberding administratrix. Heater. 1,571,636; Feb. 2.
Nieberding, Frank A., deceased, Cleveland, Ohio; M. H. Nieberding administratrix. Gas burner. 1,571,637; Feb. 2.
Nieberding, Margaret H., administratrix. (See Nieberding, Frank A.)
Niesen, Jacob P., Chicago, Ill. Hone for sharpening clippers. 1,571,555; Feb. 2.
Niles-Bement-Pond Company. (See Cole, L. C., and Pabst, assignors.)
Niles-Bement-Pond Company. (See Cole, Lyndon C., assignor.)
Niles-Bement-Pond Company. (See Hagman, William J., assignor.)
Niles-Bement-Pond Company. (See Wildhaber, Ernest, assignor.)
Noe, William R., & Sons. (See Villaret, Gustave E., assignor.)
Nordendale, Charles E. and H. W., Chicago, Ill. Garment hanger. 1,571,598; Feb. 2.
Nordendale, Harry W. (See Nordendale, Charles E. and H. W.)
Nordgren, Algot W., assignor to Marquette Manufacturing Company, St. Paul, Minn. Bumper. 1,571,884; Feb. 2.
Nordgren, Algot W., assignor to Marquette Manufacturing Company, St. Paul, Minn. Twin bumper structure. 1,571,885; Feb. 2.
Norris, Almon E., Brookline, Mass. Car-haulage plant. 1,571,732; Feb. 2.
North East Electric Company. (See Dorsey, Farnum F., assignor.)
North, J. Frank, assignor to Farrel Foundry & Machine Company, Ansonia, Conn. Platen for vulcanizing presses and the like. 1,571,599; Feb. 2.
North, Samuel A., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Knife blade. 1,571,886; Feb. 2.
Nydegger, Max. (See Fels, William, assignor.)
Nyhagen, Barney R., New York, N. Y. Brush. 1,571,556; Feb. 2.
Nyman, Alexander, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical measuring system. 1,571,910; Feb. 2.
Nyman, Alexander, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical measuring instrument. 1,571,911; Feb. 2.
O. M. I. M. Officina Meccanica Industria Magileria. (See Nevenx, Fortunato, assignor.)
Oakes, George W., Crystal City, Mo. Combined dust cap and air seal for tire-valve stems. 1,571,865; Feb. 2.
O'Brien, James F. (See Boardman, Edwin A., assignor.)
O'Brien, Joseph J., assignor to W. M. Barnard, Springfield, Mass. Core-forming device for sash-weight casting. 1,571,894; Feb. 2.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,571,679; Feb. 2.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Car construction. 1,571,680; Feb. 2.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,571,681; Feb. 2.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock absorbing mechanism. 1,571,682; Feb. 2.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Antifriction side bearing. 1,571,683; Feb. 2.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,571,684; Feb. 2.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,571,685; Feb. 2.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Aligning device for pedestal journal boxes. 1,571,686; Feb. 2.
Ohmer Fare Register Company. (See Gray, Frederick O., assignor.)
Oliver, Orris F. (See Cover, J. W., and Oliver.)
Olley, Edwin A., and F. C. Smith, assignors to Crouse-Hinds Company, Syracuse, N. Y. Electric switch. 1,571,600; Feb. 2.
O'Loughlin, Thomas C., Detroit, Mich. Plumb-bob carrier. 1,571,687; Feb. 2.
Olson, John K., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Spotlight-range-limiting device. 1,571,456; Feb. 2.
Olson, Even. (See Ternan, A. L., and Olson.)
Olson, Ole N., Chicago, Ill. Spark-coil terminal. 1,571,638; Feb. 2.
Oppenheim, Theodore H., and B. Selhorst, assignors to The New Idea Spreader Co., Coldwater, Ohio. Cornhusking machine. 1,571,866; Feb. 2.
Orlik, Alfred, New York, N. Y. Tobacco pipe. Des. 69,358; Feb. 2.
Orlik, Alfred, New York, N. Y. Tobacco pipe. Des. 69,359; Feb. 2.
Orr, Francis L., Denver, Colo. Transmission gearing. 1,571,457; Feb. 2.
Ost, Frederick A. (See Seguine, Guy A., assignor.)
Otaka Fabric Company, The. (See Lorenz, William A., assignor.)
Owens Bottle Company, The. (See Cramer, Albert N., assignor.)
Owens Bottle Company, The. (See Soubier, Leonard D., assignor.)
P & M Company, The. (See Blair, Rolandis A., assignor.)
P & M Company, The. (See De Busk, William H., assignor.)
P & M Company, The. (See Warr, Harold G., assignor.)
Pabst, Otto. (See Cole, L. C., and Pabst.)
Packard Motor Car Company. (See Vincent, Jesse G., assignor.)
Paige, Chester, Nowata, Okla. Ice box. 1,571,342; Feb. 2.
Pankoff, Panteleimon I., New York, N. Y. Attachment for sewing machines. 1,571,296; Feb. 2.
Parrish, Donald E., assignor to Herbert Morris Incorporated, Buffalo, N. Y. Ash-can hoist. 1,571,297; Feb. 2.
Parrish, Willis S., Cave City, Ky. Stock ring. 1,571,867; Feb. 2.
Parsons, George H., assignor to Averill Mfg. Co., New York, N. Y. Doll. 1,571,868; Feb. 2.
Paul, William L., Berkeley, Calif., assignor to Deere & Company, Moline, Ill. Shaft adjustment. 1,571,557; Feb. 2.
Pauls, Walter A. (See Michael, W. F., and Pauls.)
Pavloff, Stephen, Camas, Wash. Prune gatherer. 1,571,298; Feb. 2.
Pennsylvania Globe Company. (See Slinack, Victor H., assignor.)
Peres, Cecilio S., Brooklyn, N. Y. Transmission control. 1,571,430; Feb. 2.
Perfection Stove Company. (See Resek, Marc, assignor.)
Perkins, Andrew H., Helena, Miss. Fish-catching device. 1,571,869; Feb. 2.
Permutit Company, The. (See Tellier, Roy G., assignor.)
Peters Morse Manufacturing Company. (See White, Nelson, assignor.)
Peterson, Arthur J., and R. E. Melvin, Chicago, Ill., assignors, by mesne assignments, to Apex Products Company. Laundry wringer. 1,571,688; Feb. 2.
Peterson, Earl L., Corona, assignor to United Concrete Pipe Company, New York, N. Y. Concrete-pipe joint. 1,571,870; Feb. 2.
Pfeil, Henry C., Chicago Heights, assignor to American Manganese Steel Company, Chicago, Ill. Pattern for snap molding. 1,571,689; Feb. 2.
Pfmeger, John H. W., Covington, Ky. Telephone cover. 1,571,639; Feb. 2.
Phillips, William, New York, N. Y., assignor to Eureka Radio and Phono Parts Co. Combined phonographic and telephonic apparatus. 1,571,690; Feb. 2.
Phillips, William, New York, N. Y., assignor to Eureka Radio and Phono Parts Co. Combined phonographic and telephonic apparatus. 1,571,691; Feb. 2.
Pinkham, Edward H., North Andover, Mass. Holder. 1,571,794; Feb. 2.
Pitchford, C. E., et al. (See Simpson, Arthur E., assignor.)
Pittman, Reinhart W. (See Wahlgren, K. E., and Pittman.)
Pitt-Taylor, Francis S., Blackpool, England. Concertina keyboard. 1,571,431; Feb. 2.
Pitt, William P., assignor to Irving-Pitt Manufacturing Company, Kansas City, Mo. Loose-leaf binder and making parts of same. 1,571,299; Feb. 2.
Pitts, John B., Winnetka, Ill. Hunter's decoy duck. 1,571,213; Feb. 2.
Plonka, John. Chicago, Ill. Boat-propelling means. 1,571,640; Feb. 2.
Pomeroy, S. H., Company. (See Fien, Alphonsus, assignor.)
Pomeroy, S. H., Company. (See Washburn, Loring, assignor.)
Poss, Grady A., Augusta, Ga. Automatic feed valve for oil stoves. 1,571,795; Feb. 2.
Powell, Harvey A., Haleyville, Ala. Animal trap. 1,571,432; Feb. 2.
Powers, Frank T., Douglaston, N. Y. Apparatus for drying plates of various sorts. 1,571,214; Feb. 2.
Prat, Georges J. A. L., Paris, France. Producing mechanical drafts. 1,571,797; Feb. 2.
Pratt & Whitney Company. (See Blood, Bryant H., assignor.)
Pratt & Whitney Company. (See Knowles, Carroll, assignor.)
Pratt & Whitney Company. (See Schramm, Carl, assignor.)
Pratt & Whitney Company. (See Schramm, William C. F., assignor.)
Pratt, Frederick J., Detroit, Mich. Gauge for determining internal diameters of elements being ground. 1,571,641; Feb. 2.
Price, John D., Cleveland, Ohio, assignor to Drake Process, Incorporated, Wilmington, Del. Shoe and method of making. 1,571,796; Feb. 2.
Price, John D., and W. H. Drake, Cleveland, Ohio. Shoe and method of making. 1,571,798; Feb. 2.
Price, William G., Yakima, Wash., assignor to W. & L. E. Gurley, Troy, N. Y. Current meter. 1,571,433; Feb. 2.
Prime Mfg. Co. (See Allen, Donald T., assignor.)

Pritchard, George E., Elizabeth City, N. C. Bean harvester. 1,571,491; Feb. 2.
Pupin, Michael I., Norfolk, Conn., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electromagnetic production of direct current without fluctuations. 1,571,458; Feb. 2.
Pym, Arthur F., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 1,571,733; Feb. 2.
Pym, Arthur F., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 1,571,734; Feb. 2.

Queisser, Charles F., Cleveland Heights, assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Impeller. 1,571,735; Feb. 2.
Radiant Specialty Co. (See Czapek, Stanley, assignor.)
Radio Audion Company. (See Myers, Elman B., assignor.)
Radio Corporation of America. (See Clark, George H., assignor.)
Radio Corporation of America. (See Davis, Norman E., assignor.)
Radio Corporation of America. (See Goldsmith, Alfred N., assignor.)
Radio Corporation of America. (See White, Richard H., assignor.)
Randall, A. L., Co. (See Shearer, Grover P., assignor.)
Rathbone, John A., Detroit, Mich., assignor to Rathbone Machine Company, Cleveland, Ohio. Forming molds. 1,571,642; Feb. 2.
Rathbone Machine Company. (See Rathbone, John A., assignor.)
Ray, William, Spokane, Wash. Amusement trackway. 1,571,434; Feb. 2.
Reed, Emerson G., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Making transformer tanks. 1,571,300; Feb. 2.
Reed, F. E., Glass Company. (See Johnson, William R., and F. P., assignors.)
Reed, Harold J., Nashua, N. H., and C. L. Spafford, Sherbrooke, Quebec, Canada, assignors to Improved Paper Machinery Company, Nashua, N. H. Screen. 1,571,736; Feb. 2.
Reeves, Austin H., Newark, N. J. Concrete column. 1,571,799; Feb. 2.
Register, Albert L., Haverford, Pa. Pipe union. 1,571,343; Feb. 2.
Remington Arms Company. (See Dickerman, John A., assignor.)
Remington Arms Company. (See Loomis, Crawford C., assignor.)
Remington Arms Company. (See North, Samuel A., assignor.)
Renick, Tommie M., Morgantown, W. Va. Toy. 1,571,643; Feb. 2.
Renzetti, Aurelius M., and D. C. Brown, Philadelphia, Pa., assignors to Stutz Motor Car Company of America, Inc., Indianapolis, Ind. Radiator cap. Des. 69,360; Feb. 2.
Resek, Marc, East Cleveland, assignor to Perfection Stove Company, Cleveland, Ohio. Portable oil heater. 1,571,301; Feb. 2.
Reutlinger, Emile C., Boston, Mass. Washing machine. 1,571,887; Feb. 2.
Reyrolle, A., & Company Limited. (See Minton, Richard C., assignor.)
Rhoades, Alonzo E., assignor to Draper Corporation, Hopedale, Mass. Automatically-threading shuttle for looms. 1,571,888; Feb. 2.
Rhodes, Albert T., Worcester, Mass. Pavement and making same. 1,571,527; Feb. 2.
Richard, Leroy L., Visalia, and R. E. Richard, Coalinga, Calif. Playing-game implement. 1,571,374; Feb. 2.
Richard, Robert E. (See Richard, Leroy L. and R. E.)
Richards, James A., assignor to The Gunn Furniture Company, Grand Rapids, Mich. Bookcase construction. 1,571,601; Feb. 2.
Richardson Company, The. (See Heppes, Otto A., assignor.)
Richey, Eldred T., Le Blanc, La. Automatic telephone ringer. 1,571,435; Feb. 2.
Rickwood, Roland L. (See Klausmeyer, D. C., and Rickwood.)
Riffle, Alva M., Queens, W. Va. Garment hanger. 1,571,778; Feb. 2.
Riley, Lynn G. (See Meyer, H. R., and Riley.)
Rilling, John E., Milwaukee, Wis. Furniture construction. 1,571,302; Feb. 2.
Ripley, David W., Fresno, Calif. Automatic measuring machine. 1,571,459; Feb. 2.
Ripley, William H., Hartford, assignor to The Whitlock Coil Pipe Company, West Hartford, Conn. Heat-exchange apparatus. 1,571,889; Feb. 2.
Roberts, James, Toronto, Ontario, Canada. Hydraulic jack. 1,571,602; Feb. 2.
Robertson, Hugh E., assignor of one-half to S. B. Nickels, Oakland, Calif. Time-clock electrical switch. 1,571,644; Feb. 2.
Robeson Process Company. (See Blacknadder, Thomas, assignor.)
Rocké, Ivan, New York, N. Y. Building construction. 1,571,845; Feb. 2.
Rockwell, Willard F., Oshkosh, Wis. Rear-axle assembly. 1,571,800; Feb. 2.
Rockwell, Willard F., Osbkosh, Wis. Double-reduction bus axle. 1,571,801; Feb. 2.
Rogers-Jenkins, Arthur. (See de Villiers, Peter G. T., assignor.)
Rogers, John C., assignor of one-half to Houston Blow Pipe & Sheet Metal Works, Houston, Tex. Condenser. 1,571,375; Feb. 2.
Rogers, John P., Dayton, Ohio. Tire-spreading tool. 1,571,376; Feb. 2.
Rohr, Mary E., Lynchburg, Va. Coin and key purse. 1,571,528; Feb. 2.
Roneo Limited. (See de Whalley, William R. M., assignor.)
Ronk, George T., Des Moines, assignor to Speeder Machinery Corporation, Fairfield, Iowa. Girder construction for excavators. 1,571,377; Feb. 2.
Rose, Frederick W. P., Clifton, and C. Werner, Passaic, N. J., assignors to Werner & Company, Inc. Textile-finishing machine. 1,571,802; Feb. 2.
Rosemary Creamery Company, The. (See Dunham, Henry V., assignor.)
Rosenbaum, Bruno, Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company. Propeller-drive control. 1,571,492; Feb. 2.
Rosenblatt, Victor J., Alexandria, Egypt. Soldering iron. 1,571,903; Feb. 2.
Royal Typewriter Company. (See Hess, Edward B., assignor.)
Royal Typewriter Company. (See Hess, E. B., and Myers, assignors.)
Ruggles, Charles S., Quincy, Mass. Fisherman's type. 1,571,603; Feb. 2.
Rundell, Sam S., assignor of forty-nine one-hundredths o H. J. Cowgill and J. H. Slaughter, Bogalusa, La. Greasing and oiling device. 1,571,436; Feb. 2.
Russell, James G., Dorchester, Mass. Flanging machine. 1,571,568; Feb. 2.
Russell, John F., New York, N. Y. Cock and valve packing. 1,571,803; Feb. 2.
Ruth, William C., assignor of one-half to H. L. Rutter, Gap, Pa. Baling-press feeder. 1,571,437; Feb. 2.
Rutter, Howard L. (See Ruth, William C., assignor.)
Ryan, Thomas W., Concord Junction, Mass. Ball cocks for use upon high and low pressure systems. 1,571,604; Feb. 2.
Ryder, Charles D., Covington, Ky., assignor to The Cincinnati Victor Company, Cincinnati, Ohio. Dash lamp. 1,571,646; Feb. 2.
Safety Car Heating and Lighting Company, The. (See Hagar, Arthur P., assignor.)
Sager, J. H., Company. (See Iven, Charles J., assignor.)
Salles, Edmond L. R., Paris, France. Mmeans for closing receptacles. 1,571,605; Feb. 2.
Samel, Leo. (See Garris, Bernard J., assignor.)
Samson, Jerônimo, Pasay, Rizal, P. I. Vehicle wheel. 1,571,804; Feb. 2.
Samuel, Frank B., Baton Rouge, La. Fractionating tower. 1,571,805; Feb. 2.
Samuelson, Victor K., and T. J. Nelson, Chicago, Ill. Lamp. Des. 69,361; Feb. 2.
Samuelson, Victor K., and T. J. Nelson, Chicago, Ill. Lamp. Des. 69,362; Feb. 2.
Sanders, Edward, Moorhead, Minn. Potato harvester. 1,571,344; Feb. 2.
Sanford, Hugh W., Knoxville, Tenn. Mine-car coupling. 1,571,345; Feb. 2.
Santarsiero, Antonio V., New York, N. Y. Combined helicopter and aeroplane. 1,571,647; Feb. 2.
Saunders, Kenneth H., Brattleboro, Vt., assignor to Millers Falls Company, Millers Falls, Mass. Jack. 1,571,606; Feb. 2.
Schafran, Isaac, New York, N. Y., assignor of one-half to L. Bruger, Montreal, Quebec, Canada. Duplex air rotor. 1,571,303; Feb. 2.
Schanandoah, Chapman, Nedrow, N. Y. Condensing metals. 1,571,737; Feb. 2.
Schaum, Carl, assignor to Fletcher Works Incorporated, Philadelphia, Pa. Ice pick and the like. 1,571,890; Feb. 2.
Scherer, Charles, Long Island, assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y. Finger ring or article of similar nature. Des. 69,363; Feb. 2.
Scherer, Charles, Long Island, assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y. Finger ring or article of similar nature. Des. 69,364; Feb. 2.
Schloemilch, Wilhelm, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Sound-reproducing arrangement. 1,571,378; Feb. 2.
Schmidt, Erwin, assignor to the Firm Gesellschaft für Chemische Produktion m. b. H., Mannheim-Waldhof, Germany. Obtaining hydrochloric acid free from arsenic. 1,571,648; Feb. 2.
Schmitt, Charles J., Algoma, Wis. Convertible table. 1,571,806; Feb. 2.
Schmitt, Charles J., Algoma, Wis. Folding table. 1,571,807; Feb. 2.
Schnur, Cyril C., Toronto, Ontario, Canada. Method of and apparatus for the manufacture of hollow ware from refractory mineral substances. 1,571,607; Feb. 2.
Schomburger, Lucien, Paris, France, assignor to General Electric Company. Compounding alternating-current machine. 1,571,738; Feb. 2.
Schopf, Henry S., Spokane, Wash. Provision safe. 1,571,438; Feb. 2.

Schramm, Carl, West Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Cutting tool. 1,571,347; Feb. 2.
Schramm, William C. F., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Forming milling cutters. 1,571,346; Feb. 2.
Schultz, Herman J., Chicago, Ill. Sheet detector for printing presses and like machines. 1,571,649; Feb. 2.
Schumacher, Ludwig F., New York, N. Y. Vehicle wheel. 1,571,493; Feb. 2.
Schusky, William W. (See Casper, George D., assignor.)
Schwartzman, Harry, New York, N. Y. Cloth-laying machine. 1,571,808; Feb. 2.
Scott, Nora L., and N. G. Hanes, Atascadero, Calif. Lingerie-strap fastener. 1,571,494; Feb. 2.
Scott, Winfield, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hard resinous vulcanization accelerator and making same. 1,571,739; Feb. 2.
Seem, Charles B., Buffalo, N. Y. Permanent mold for casting radiator sections and the like. 1,571,439; Feb. 2.
Seguine, Guy A., assignor of one-sixteenth to F. A. Ost, Fredonia, Kans. Attachment for sand caps or oil savers. 1,571,740; Feb. 2.
Seley, Charles C., Erie, assignor to G. H. Barlow and J. J. Desmond, Corry, Pa. Making garment stays. 1,571,902; Feb. 2.
Selhorst, Bernard. (See Oppenheim, T. H., and Selhorst.)
Shapiro & Aronson, Inc. (See Klein, Max, assignor.)
Sharp, C. R. (See Flanigan, Joseph H., assignor.)
Sharpe, William A., Denver, Colo. Electric water heater. 1,571,379; Feb. 2.
Shaukis, Arthur J., Haverhill, Mass. Commutation railway ticket. 1,571,809; Feb. 2.
Shearer, Grover P., assignor to A. L. Randall Co., Chicago, Ill. Ornament and making the same. 1,571,380; Feb. 2.
Sherman, Roy H., Vallejo, Calif. Amusement novelty. 1,571,381; Feb. 2.
Shimp, Roy S., Penns Grove, N. J. Valve. 1,571,810; Feb. 2.
Shimwell, Oliver, Gawsworth, England. Loom for weaving. 1,571,878; Feb. 2.
Shipley, Lyman E., Carlton, Oreg. Bearing-relining cap. 1,571,529; Feb. 2.
Silkwood, T. M., et al. (See Simpson, Arthur E., assignor.)
Simmons, Wesley, Cleveland, Ohio. Radiator. 1,571,530; Feb. 2.
Simpson, Arthur E., assignor to H. L. Webb, J. M. Harris, B. H. Webb, T. M. Silkwood, R. P. Blake, and C. E. Pitchford, West Frankfort, Ill. Rotary pump. 1,571,650; Feb. 2.
Sims, Grover A., Remlig, Tex. Garment hanger. 1,571,904; Feb. 2.
Sindeband, Maurice L., and J. W. Milnor, New York, N. Y., assignors to Westinghouse Electric & Manufacturing Company. Electrical system. 1,571,304; Feb. 2.
Slaughter, J. H., et al. (See Rundell, Sam S., assignor.)
Slick, Edwin E., Pittsburgh, Pa. Smoker's set. Des. 69,365; Feb. 2.
Slinack, Victor H., assignor to Pennsylvania Globe Company, Philadelphia, Pa. Inverted incandescent light. 1,571,895; Feb. 2.
Smith, Benjamin H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Voltampere meter. 1,571,912; Feb. 2.
Smith, Charles F. D., Lake Wales, Fla. Drive-well point. 1,571,871; Feb. 2.
Smith, Edward F., Chicago, Ill. Milling cutter and making same. 1,571,559; Feb. 2.
Smith, Edwin R., Fitchburg, Mass., assignor to Automailing Machinery Company. Route marker for addressing machines. 1,571,811; Feb. 2.
Smith, Floyd C. (See Olley, E. A., and Smith.)
Smith, George F., Sturgis, Mich. Fireplace. 1,571,741; Feb. 2.
Smith, Grover C., assignor of one-half to J. R. Smith, Ogden, Utah. Rack. 1,571,440; Feb. 2.
Smith, James R. (See Smith, Grover C., assignor.)
Smith, William A., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Air-line lubricator. 1,571,495; Feb. 2.
Smith, William A., and C. H. Dockman, Detroit, Mich., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Pneumatic tool. 1,571,560; Feb. 2.
Snyder, Simon, assignor to Sprout, Waldron & Co., Muncy, Pa. Grinding mill. 1,571,812; Feb. 2.
Snypp, Frank E. (See Kincade, John M., assignor.)
Società Anonima Ansaldo-San Giorgio. (See De Feo, Vincenzo, assignor.)
Societe pour la Fabrication de la Sole Rhodiaseta. (See Grillet, Nicholas B., assignor.)
Sohner, Robert, Vienna, Austria. Motor plow. 1,571,305; Feb. 2.
Soltesz, Nick, Toledo, Ohio. Rail connecter. 1,571,384; Feb. 2.
Soubier, Lonard D., assignor to The Owens Bottle Company, Toledo, Ohio. Glass feeder. 1,571,215; Feb. 2.
Soubier, Leonard D., assignor to The Owens Bottle Company, Toledo, Ohio. Method of and apparatus for forming glass tubing. 1,571,216; Feb. 2.
Sova, Alfred L., Flint, Mich. Automatic burring attachment. 1,571,813; Feb. 2.
Spafford, Claude L. (See Reed, H. J., and Spafford.)
Spear, Furman D., New York, N. Y. Signal lantern. 1,571,531; Feb. 2.
Speeder Machinery Corporation. (See Ronk, George T., assignor.)
Sperry, Elmer A. (See Bassett, Preston R., assignor.)
Spiegel, May, Stern Co. (See Golinick, Paul A., assignor.)
Sprout, Waldron & Co. (See Snyder, Simon, assignor.)
Staley, George W., San Francisco, Calif. Extension bit. 1,571,497; Feb. 2.
Standish, Edward K., Stoughton, Mass. Braiding machine. 1,571,385; Feb. 2.
Staples, James H. (See Herminghausen, Lous W., assignor.)
Stee, Clarence O., Butte, Mont. Drill bit. 1,571,848; Feb. 2.
Steel Heddle Manufacturing Company. (See Kaufmann, Jacob, assignor.)
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Closed furnace and operating same. 1,571,742; Feb. 2.
Sterling, William W., Cambridge City, Ind. Clothes drier. 1,571,496; Feb. 2.
Stern, Louis, Co. (See Valcourt, Louis E., assignor.)
Stevens, Burt D., Evanston, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Worksetting means. 1,571,651; Feb. 2.
Stevens, Enoch P., deceased, Chicago, Ill.: M. A. Stevens, executrix. Furnace-roof structure. 1,571,561; Feb. 2.
Stevens, Mary A., executrix. (See Stevens, Enoch P.)
Stevenson, Stephen G. (See Waldron, C. R., and Stevenson.)
Stewart, Charles C., Detroit, Mich. Feeding device. 1,571,814; Feb. 2.
Stewart-Warner Speedometer Corporation. (See Olsen, John K., assignor.)
Stig, Josef E. L. (See Stig, Torsten G. and J. E. L.)
Stig, Torsten G. and J. E. L., Odda, Norway. Production of alloyed steel and iron with chromium, manganese, etc. 1,571,382; Feb. 2.
Stillman, Raymond H., Eatontown, N. J. Bag holder and filling device. 1,571,608; Feb. 2.
Stimpson, Walter F., Louisville, Ky. Steelyard rod and spring connection for scales. 1,571,306; Feb. 2.
Stimpson, Walter F. (See Hartman, Charles H., assignor.)
Stirrup, Frank A., Westfield, N. J. Ice-cream freezer. 1,571,609; Feb. 2.
Stone, Wilbur M. (See Long, B. H., and Stone.)
Stoekle, Erwin R. (See Barnum, T. E., and Stoekle.)
Stout, Marion F., Fort Thomas, Ky. Imitation-brick concrete wall and laying it. 1,571,815; Feb. 2.
Stowers, John L., Habana, Cuba. Device used to collect coins. 1,571,383; Feb. 2.
Straight, Halver R., Adel, Iowa. Machine for laying brick paving and the like. 1,571,386; Feb. 2.
Strauss, Ferdinand, Corporation, The. (See Kass, Louis J., assignor.)
Strid, Sven J., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,571,652; Feb. 2.
Sturtevant, B. F., Company. (See Middleton, Harry N., assignor.)
Stutz Motor Car Company of America. (See Renzetti, A. M., and Brown, assignors.)
Sucden, Albert, Stratford, Ontario, Canada. Power transmission for trains. 1,571,816; Feb. 2.
Sullivan Machinery Company. (See Lynn, Earle A., assignor.)
Sumerspitz, Joseph. (See Chartoff, L., and Sumerspitz.)
Summers, Caleb E., assignor to General Motors Research Corporation, Dayton, Ohio. Indicator. 1,571,349; Feb. 2.
Swanstrom, Charles J., Coronado Beach, Calif. Wooden shoes. 1,571,498; Feb. 2.
Swhler, William W., Portland, Ind. Concrete-finishing machine. 1,571,817; Feb. 2.
Symington Company, The. (See Barrows, Donald S., assignor.)
Symington Company, The. (See Kadel, Byers W., assignor.)
Taylor, Hugh S. (See Whiting, D. F., and Taylor.)
Taylor-Wharton Iron and Steel Company. (See Andrews, Charles B., assignor.)
Tellier, Roy G., Chicago Heights, Ill., assignor to The Permutit Company, New York, N. Y. Softening water. 1,571,891; Feb. 2.
Tellier, Roy G., Chicago, Ill., assignor to The Permutit Company, New York, N. Y. Water-softening art and material. 1,571,892; Feb. 2.
Telling-Stevens Motors, Limited. (See Whitehorn, Harold K., assignor.)
Ternan, Alfred L., and E. Olson, Quartzburg, Idaho. Renewable shovel. 1,571,818; Feb. 2.
Terry, William B., assignor to Julius Kayser & Co., New York, N. Y. Ribbon. Des. 69,366; Feb. 2.
Tex Engineering Corporation. (See Textorius, Knut O. B., assignor.)
Textorius, Knut O. B., assignor to Tex Engineering Corporation, New York, N. Y. Machine-operating mechanism. 1,571,653; Feb. 2.

Therman Leather Goods Co. (See Guenther, Henry J., assignor.)
Thomas, Henry, London, England, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 1,571,217; Feb. 2.
Thomas, John G. P., Preston, England, assignor to General Motors Corporation, Detroit, Mich. Clutch and brake control on road vehicles. Re16,257; Feb. 2.
Thompson, James H., Hollidays Cove, W. Va. Electron-discharge device. 1,571,499; Feb. 2.
Thompson, James H., Hollidays Cove, W. Va. Device for winding symmetrical coils. 1,571,500; Feb. 2.
Tiedemann, Henry F., assignor to Theo. Tiedemann & Sons, Inc., New York, N. Y. Machine for making shirred ribbons. 1,571,654; Feb. 2.
Tiedemann, Theo., & Sons, Inc. (See Tiedemann, Henry F., assignor.)
Tikalsky, Charles W., Manitowoc, Wis. Grease gun. 1,571,307; Feb. 2.
Tingley, Philo B., New York, N. Y. Scooter. 1,571,562; Feb. 2.
Tingley, Philo B., New York, N. Y. Web-winding mechanism. 1,571,610; Feb. 2.
Toresan, James, Susanville, Calif. Window opener and closure. 1,571,810; Feb. 2.
Trico Products Corporation. (See Folberth, Fred G., and W. M., assignors.)
Trix, Herbert B., Detroit, Mich. Deflector support. 1,571,563; Feb. 2.
Trout, Harry W., assignor to Cotswold Comfortable Company, Syracuse, N. Y. Garnett machine. 1,571,743; Feb. 2.
Trust, Henry, deceased, Park Ridge, N. J., and F. M. Ashley, Brooklyn, N. Y.; said Ashley assignor to J. Trust, Park Ridge, N. J.; J. Trust, administratrix. Supporting and actuating mechanism for mixing and beating machines. 1,571,655; Feb. 2.
Trust, Josephine, administratrix. (See Trust H., and Ashley.)
Turnier, Harry A., New York, N. Y. Speed-recording device. 1,571,820; Feb. 2.
Tusing, Isaac N., Rye, Colo. Traction lug. 1,571,821; Feb. 2.
Ulrich, Edward R., Chicago, Ill. Sterilizing device. 1,571,872; Feb. 2.
Ulrich, George E., assignor to Eastman Machine Company, Buffalo, N. Y. Knife for cloth-cutting machines or the like. 1,571,441; Feb. 2.
Underwood Computing Machine Conpany. (See Waldheim, John, assignor.)
United Alloy Steel Corporation. (See Lentz, George W., assignor.)
United Concrete Pipe Company. (See Peterson, Earl L., assignor.)
United Shoe Machinery Corporation. (See Cosgrove, John W., assignor.)
United Shoe Machinery Corporation. (See Furber, Frederick M., assignor.)
United Shoe Machinery Corporation. (See Pym, Arthur F., assignor.)
U. S. Cartridge Company. (See Carmichael, James H., assignor.)
U. S. Manufacturing Corporation. (See Bennett, John L., assignor.)
U. S. Slicing Machine Company. (See Thomas, Henry, assignor.)
Vaaler, Jens, assignor to The Clemetsen Company, Chicago, Ill. Costumer or coat hanger. 1,571,308; Feb. 2.
Valcourt, Louis E., assignor to Louis Stern Co., Providence, R. I. Bracelet. 1,571,532; Feb. 2.
Valcourt, Louis E., Pawtucket, assignor to Louis Stern Co., Providence, R. I. Bracelet. 1,571,533; Feb. 2.
Van Deren, James B., Hennessey, Okla. Automatic weighing machine. 1,571,460; Feb. 2.
Van Deventer, Harry R., assignor to Dubilier Condenser & Radio Corporation, New York, N. Y. Electrical condenser. 1,571,501; Feb. 2.
Van Nuys, Claude C., Cranford, and W. Wilkinson, Jersey City, N. J., assignors to Air Reduction Company, Incorporated, New York, N. Y. Separation of the constituents of gaseous mixtures. 1,571,461; Feb. 2.
Vapo Products Company. (See Wiese, Carl T., assignor.)
Vaughan, Victor G., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrically-heated appliance. 1,571,922; Feb. 2.
Venable, William M. (See Garlinghouse, A. F., and Venable.)
Venn-Brown, Lionel, Longueville, New South Wales, Australia. Metal-extraction process. 1,571,502; Feb. 2.
Vermont Casein Pty, Ltd. (See Foster, Ernest, assignor.)
Villaret, Gustave E., Leonia, N. J., assignor to William R. Noe & Sons, New York city, N. Y. Base for portable electric lamps. Des. 69,367; Feb. 2.
Villaret, Gustave E., Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y. Arm for bridge lamps. Des. 69,368; Feb. 2.
Villaret, Gustave E., Leonia, N. J., assignor to William R. Noe & Sons, New York, N. Y. Arm for bridge lamps. Des. 69,369; Feb. 2.
Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Carburetor. 1,571,611; Feb. 2.
Voorhees, Samuel D., Bay City, Mich. Chimney block. 1,571,387; Feb. 2.
Vorel, Frank, assignor of one-half to J. E. Moravec, Cleveland, Ohio. Engine valve and making the same. 1,571,744; Feb. 2.
Vortex Mfg. Co., The. (See Barbieri, Cesare, assignor.)
Vortex Mfg. Co. (See Carle, Harold, assignor).
Wade, William H., Chicago, Ill. Radio-apparatus cabinet. 1,571,923; Feb. 2.
Wagner, John L. (See Madden, Louis J., assignor.)
Wahlgren, Knut E., Valley Stream, and R. W. Pittman, New York, N. Y.; said Pittman assignor to said Wahlgren. Core-making machine. 1,571,442; Feb. 2.
Waldheim, John, Elizabeth, N. J., assignor to Underwood Computing Machine Company, New York, N. Y. Computing machine. 1,571,534; Feb. 2.
Waldron, Charles R., and S. G. Stevenson, Elyria, Ohio. Bathing shoe. 1,571,462; Feb. 2.
Wall, Orlando B., Wichita, Kans. Well-drilling apparatus. 1,571,309; Feb. 2.
Walliser, H. F., Company. (See Walliser, Robert E., assignor.)
Walliser, Robert E., assignor to H. F. Walliser Company, Chicago, Ill. Attaching device for picture and mirror cords. 1,571,564; Feb. 2.
Walter, Samuel A., Courtland, Kans. Corn-picking machine. 1,571,388; Feb. 2.
Waner, Arthur. (See Clark, Samuel B., assignor.)
Wann, Eugene E., Bradford, Pa. Gas burner. 1,571,822; Feb. 2.
Ward, Wilburt, Ste. Genevieve, Mo. Stoker. 1,571,612; Feb. 2.
Warner, Harvey J., assignor of one-third to A. S. Carter and one-third to W. J. Cattell, Denver, Colo. Lathe. 1,571,745; Feb. 2.
Warr, Harold G., Park Ridge, assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,571,218; Feb. 2.
Washburn, Loring, Greenwich, Conn., assignor to S. H. Pomeroy Company, Inc., New York, N. Y. Muntin-bar lock for metal windows. 1,571,350; Feb. 2.
Washington, William, Dunkirk, N. Y. Supporting cores. 1,571,535; Feb. 2.
Watkins, Frank O., Cincinnati, Ohio. Valve. 1,571,351; Feb. 2.
Weaver, Frank R., Fairgrove, Mo. Musical instrument. 1,571,823; Feb. 2.
Weaver, Orlie O. (See Brotherton, G. W., Weaver, and Johnson.)
Webb, Archibald W., jr., Fawn Grove, Pa. Shock absorber. 1,571,825; Feb. 2.
Webb, B. H., et al. (See Simpson, Arthur E., assignor.)
Webb, H. L., et al. (See Simpson, Arthur E., assignor.)
Weddell, Clyde E. (See Wickersham, Roy D., assignor.)
Wedekind, Hugo, Nuremberg, Germany, assignor to Eugene Dietzgen Company, Chicago, Ill. Lettering instrument. 1,571,565; Feb. 2.
Weeks, Paul T., East Orange, N. J., assignor to Westinghouse Lamp Company. Electron-tube voltage regulator. 1,571,913; Feb. 2.
Weiland, Frank E., assignor of one-half to R. L. Heverle, Fort Myers, Fla. Tiltable-headlamp mounting. 1,571,824; Feb. 2.
Weiffens, Emile J., Manchester, England. Swing gearing for slubbing, roving, and like frames. 1,571,219; Feb. 2.
Wellenhoffer, John J., Salamanca, N. Y. Nursing-bottle holder. 1,571,826; Feb. 2.
Wellman-Seaver-Morgan Company, The. (See Case, Arthur F., assignor.)
Wemp, Ernest E., Detroit, Mich. Clutch. 1,571,746; Feb. 2.
Wemp, Ernest E., Detroit, Mich. Clutch disk. 1,571,747; Feb. 2.
Werner & Company. (See Rose, F. W. P., and Werner, assignors.)
Werner, Christian. (See Rose, F. W. P., and Werner.)
Western Electric Company. (See Whiting, D. F., and Taylor, assignors.)
Westinghouse Air Brake Company, The. (See Cady, William M., assignor.)
Westinghouse Air Brake Company, The. (See Down, Sidney G., assignor.)
Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)
Westinghouse Air Brake Company, The. (See Woernley, Harry F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Allcutt, Chester T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Smith, Benjamin H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Conrad, Frank, assignor.)
Westinghouse Electric & Manufacturing Company. (See Escholz, Otto H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Fletcher, George H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Fortescue, Charles L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Freeman, Hubert M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gretsch, Rudolf, assignor.)
Westinghouse Electric & Manufacturing Company. (See Kenyon, Otis A., assignor.)

Westinghouse Electric & Manufacturing Company. (See Kjelsberg, Harald A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kühn, Ludwig, assignor.)
Westinghouse Electric & Manufacturing Company. (See Menzies, William E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Merten, William J., assignor.)
Westinghouse Electric and Manufacturing Company. (See Meyer, H. R., and Riley, assignors.)
Westinghouse Electric & Manufacturing Company. (See Moss, Charles M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Nyman, Alexander, assignor.)
Westinghouse Electric & Manufacturing Company. (See Pupin, Michael I., assignor.)
Westinghouse Electric & Manufacturing Company. (See Reed, Emerson G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rosenbaum, Bruno, assignor.)
Westinghouse Electric & Manufacturing Company. (See Sindeband, M. L., and Milnor, assignors.)
Westinghouse Electric & Manufacturing Company. (See Vaughan, Victor G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Zworykin, Vladimir K., assignor.)
Westinghouse Lamp Company. (See Weeks, Paul T., assignor.)
Weston, Edward B., assignor to The Weston Paper and Mfg. Co., Dayton, Ohio. Display stand. 1,571,352; Feb. 2.
Weston Paper and Mfg. Co., The. (See Weston, Edward B., assignor.)
Wetherill, Henry E., Phoenixville, Pa. Stamping device. 1,571,656; Feb. 2.
Wetherill, Lee R., Roxborough, Philadelphia, Pa. Indicating the cope side of patterns and castings. 1,571,353; Feb. 2.
Weyenberg, Sylvester A., Milwaukee, Wis. Stitch-down lasting machine. 1,571,566; Feb. 2.
Wharton, Frederick, New York, N. Y. Sweatband for hats. 1,571,827; Feb. 2.
Whitacre, Clarence J., Janesville, Wis., assignor to General Motors Corporation, Detroit, Mich. Radiator shield for motor vehicles. 1,571,354; Feb. 2.
Whitacre, Clarence J., assignor to General Motors Corporation, Detroit, Mich. Frame and spring suspension for motor vehicles. 1,571,355; Feb. 2.
White, Emanuel C., Welland, Ontario, Canada. Calendar. 1,571,828; Feb. 2.
White, Nelson, Ithaca, assignor to Peters Morse Manufacturing Company, New York, N. Y. Paper holder for adding machines. 1,571,567; Feb. 2.
White, Richard H., London, England, assignor to Radio Corporation of America. Telephone. 1,571,356; Feb. 2.
Whitehorn, Harold K., assignor to Telling-Stevens Motors Limited, Maidstone, England. Dynamo-electric machine. 1,571,613; Feb. 2.
Whiting, Donald F., and H. S. Taylor, Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Communication system. 1,571,357; Feb. 2.
Whitlock Coil Pipe Company, The. (See Ripley, William H., assignor.)
Wickersham, Roy D., assignor of one-half to C. E. Weddell, Indianapolis, Ind. Clothes stick. 1,571,220; Feb. 2.
Wiese, Carl T., assignor to Vapo Products Company, Inc., Sand Point, Idaho. Detergent composition. 1,571,829; Feb. 2.
Wilcox, Lewis T. (See Homan, William C., assignor.)
Wildbaber, Ernest, Rochester, assignor to Niles-Bement-Pond Company, New York, N. Y. Relieving milling-cutter blanks. 1,571,358; Feb. 2.
Wildbaber, Ernest, Brooklyn, assignor to Niles-Bement-Pond Company, New York, N. Y. Hob. 1,571,359; Feb. 2.
Wilkinson, Walter. (See Van Nuys, C. C., and Wilkinson.)
Wilkinson, Walter, Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Indicator. 1,571,657; Feb. 2.
Willman, Irvin F., Muleshoe, Tex. Demountable rim. 1,571,830; Feb. 2.
Willwerscheid, Theodor R., St. Paul, Minn. Stamping machine with transferable dies. 1,571,614; Feb. 2.
Wilson, Frank J., Arlington, Mass. Electric-light fixture. 1,571,221; Feb. 2.
Williams, Arthur F., Leytonstone, England. Stacking machine. 1,571,360; Feb. 2.
Williams, James, Vienna, Ga. Washing machine. 1,571,361; Feb. 2.
Wilson, Charles H., North Pelham, N. Y. Penetrator for testing penetration hardness. 1,571,310; Feb. 2.
Wilson, Frank N., Webster Groves, Mo. Conveyer. 1,571,536; Feb. 2.
Wilson, George W., Henderson, Ia. Axle and wheel structure. 1,571,748; Feb. 2.
Winfield, Bernard. (See d'Albe, Edmund E. F., assignor.)
Wittjen, Johannes A., Holly Springs, Miss. Powder distributor. 1,571,311; Feb. 2.
Woernley, Harry F., Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company. Automatic car, air, and electirc couplers. 1,571,222; Feb. 2.
Wohltman, George J., Newburgh, N. Y. Detachable, stop signal, parking, and trouble automobile lamp. 1,571,749; Feb. 2.
Worthington, Everett, assignor to Zenith Radio Corporation, Chicago, Ill. Radiocabinet. Des. 69,370; Feb. 2.
Worthington, Everett, assignor to Zenith Radio Corporation, Chicago, Ill. Radiocabinet. Des. 69,371; Feb. 2.
Worthington, Everett, assignor to Zenith Radio Corporation, Chicago, Ill. Radiocabinet. Des. 69,372; Feb. 2.
Worthington, Everett, assignor to Zenith Radio Corporation, Chicago, Ill. Radiocabinet. Des. 69,373; Feb. 2.
Worthington, Everett, assignor to Zenith Radio Corporation, Chicago, Ill. Radiocabinet. Des. 69,374; Feb. 2.
Worthington, Everett, assignor to Zenith Radio Corporation, Chicago, Ill. Radiocabinet. Des. 69,375; Feb. 2.
Worthington, Everett, assignor to Zenith Radio Corporation, Chicago, Ill. Radiocabinet. Des. 69,376; Feb. 2.
Worthington, Everett, assignor to Zenith Radio Corporation, Chicago, Ill. Radiocabinet. Des. 69,377; Feb. 2.
Worthington, Everett, assignor to Zenith Radio Corporation, Chicago, Ill. Radiocabinet. Des. 69,378; Feb. 2.
Worthington, Everett, assignor to Zenith Radio Corporation, Chicago, Ill. Radiocabinet. Des. 69,379; Feb. 2.
Worthington Pump and Machinery Corporation. (See Jorgnsen, Olav E., assignor.)
Wyrfel, Samuel P., assignor to The Arrow Electric Company, Hartford, Conn. Faceplate for electrical receptacles. 1,571,879; Feb. 2.
Young, Ralph P. (See Kramer, Henry W., assignor.)
Young, Wilber E., Gordon, Nebr. Runnered wagon. 1,571,880; Feb. 2.
Zaran, Stiv, Chicago, Ill. Grain shocker. 1,571,223; Feb. 2.
Zenith Radio Corporation. (See Worthington, Everett, assignor.)
Zimmer, John, Troy, N. Y. Automatic fuel cut-off for gas stoves. 1,571,881; Feb. 2.
Zworykin, Vladimir K., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Oscillation-generator system. 1,571,463; Feb. 2.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 2D DAY OF FEBRUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Abdominal support. T. J. Le Cras. 1,571,420; Feb. 2.
Accelerator and making same, Hard resinous vulcanization. W. Scott. 1,571,739; Feb. 2.
Acid free from arsenic, Obtaining hydrochloric. E. Schmidt. 1,571,648; Feb. 2.
Acid liquor in sulphite pulp processes, Producing. J. D. Jenssen. 1,571,271; Feb. 2.
Adding machines, Paper holder for. N. White. 1,571,567; Feb. 2.
Addressing machines, Route marker for. E. R. Smith. 1,571,811; Feb. 2.
Adjustable gauge. J. R. Aulenback. 1,571,783; Feb. 2.
Adjustable support. T. W. Connolly. 1,571,509; Feb. 2.
Aerial ropeway. J. Gatzweiler. 1,571,520; Feb. 2.
Aeroplane kite. P. A. Gourtoff. 1,571,472; Feb. 2.
Aeroplanes and for like purposes, Double control of the combined type for. P. N. C. James. 1,571,413; Feb. 2.
Agricultural implement. R. L. Diamond. 1,571,758–9; Feb. 2.
Air-cooled condenser. F. and B. Ljungström. 1,571,524; Feb. 2.
Air-line lubricator. W. A. Smith. 1,571,495; Feb. 2.
Air rotor, Duplex. I. Schafran. 1,571,303; Feb. 2.
Alternating-current machine, Compounding. L. Schombourger. 1,571,738; Feb. 2.
Ammunition primers, Making anvils for. J. A. Dickerman. 1,571,510; Feb. 2.
Amplifier. V. W. Jensen. 1,571,414; Feb. 2.
Amplifier coil and connection. E. B. Myers. 1,571,490; Feb. 2.
Amusement novelty. R. H. Sherman. 1,571,381; Feb. 2.
Amusement trackway. W. Ray. 1,571,434; Feb. 2.
Animal trap. H. A. Powell. 1,571,432; Feb. 2.
Antiglare device. W. S. Allen. 1,571,779; Feb. 2.
Aquarium. W. Galant. 1,571,190; Feb. 2.
Arc-extinguishing device. O. H. Eschholz. 1,571,250; Feb. 2.
Artificial fabric. N. L. Duryea. 1,571,579; Feb. 2.
Ash receptacle and cigar holder, Combined. J. S. Driscoll. 1,571,762; Feb. 2.
Auto utility table. J. L. Christian. 1,571,753; Feb. 2.
Auto wrench. M. P. Fishburn. 1,571,580; Feb. 2.
Autographic register. A. A. Johnson. 1,571,448; Feb. 2.
Automatic stop. W. Henry. 1,571,834; Feb. 2.
Automobile brake. S. G. Down. 1,571,247; Feb. 2.
Automobile bumper. W. E. Ericson. 1,571,249; Feb. 2.
Automobile hoist. J. P. Donovan. 1,571,178; Feb. 2.
Automobile running boards, Adjustable step for. J. Disch and J. G. Frese. Re16,258; Feb. 2.
Automobile signal. W. F. Michael and W. A. Pauls. 1,571,861; Feb. 2.
Automobile signal device. J. J. Holley. 1,571,722; Feb. 2.
Automobile spring device. F. G. Krakan. 1,571,451; Feb. 2.
Automobile wheel-forming punch and die. A. R. Jayne. 1571,673; Feb. 2.
Automotive brake. W. M. Cady. 1,571,184; Feb. 2.
Automotive brake. S. G. Down. 1,571,244; Feb. 2.
Automotive brake. S. G. Down. 1,571,246; Feb. 2.
Axle and wheel structure. G. W. Wilson. 1,571,748; Feb. 2.
Axle assembly, Rear-. W. F. Rockwell. 1,571,800; Feb. 2.
Axle cutting-off and centering machine. W. J. Hagman. 1,571,331; Feb. 2.
Axle, Double-reduction bus. W. F. Rockwell. 1,571,801; Feb. 2.
Bag: *See*—
Brief bag.
Bag holder and filling device. R. H. Stillman. 1,571,608; Feb. 2.
Bait, Artificial. G. E. Fenner. 1,571,770; Feb. 2.
Baking glove. G. M. Meyer. 1,571,860; Feb. 2.
Baling-press feeder. W. C. Ruth. 1,571,437; Feb. 2.
Ballast, Method of and apparatus for burning. H. G. Butler. 1,571,701; Feb. 2.
Barrel, Lined sheet-metal. A. F. Lindgren. 1,571,208; Feb. 2.
Baseball game. F. H. Fredette. 1,571,469; Feb. 2.
Baskets, Detachable handle and attaching means for wooden. H. W. Kramer. 1,571,551; Feb. 2.
Bath: *See*—
Quenching bath.
Batteries, Grid for storage. R. A. Hoffman. 1,571,333; Feb. 2.

Bearing, Antifriction side. J. F. O'Connor. 1,571,683; Feb. 2.
Bearing-relining caps. L. E. Shipley. 1,571,529; Feb. 2.
Beater and mixer. R. W. Lyon. 1,571,851; Feb. 2.
Bed, Automobile. A. J. Kerth. 1,571,549; Feb. 2.
Bed and tent for automobiles, Collapsible. M. B. Mitchell. 1,571,426; Feb. 2.
Binder and making parts of same, Loose-leaf. W. P. Pitt. 1,571,299; Feb. 2.
Binding machine. A. E. Cranston. 1,571,573; Feb. 2.
Bit: *See*—
Drill bit. Extension bit.
Blank-feeding mechanism. B. H. Long and W. M. Stone. 1,571,486; Feb. 2.
Blanks for watch movements provided with jewel-in-setting or plug holes, Manufacturing process of. H. Colomb. 1,571,756; Feb. 2.
Block: *See*—
Chimney block.
Board: *See*—
Puzzle board.
Boat-propelling apparatus, Starting and steering device for. A. Lind. 1,571,421; Feb. 2.
Boat-propelling means. J. Plonka. 1,571,640; Feb. 2.
Boiler: *See*—
Water-tube boiler.
Bomb, Aerial flare. P. R. Bassett. 1,571,617; Feb. 2.
Bookcase construction. J. A. Richards. 1,571,601; Feb. 2.
Boring tool. E. Gairing. 1,571,260; Feb. 2.
Bottle. W. R. and F. P. Johnson. Des. 69,353; Feb. 2.
Box: *See*—
Ice box. Journal box.
Box packer. B. W. Deppa. 1,571,235; Feb. 2.
Box top. W. Attaway. Des. 69,341; Feb. 2.
Box particularly for needle-shaped objects. E. C. Egelin. 1,571,399; Feb. 2.
Boxes, Attaching hinged lids to rectangular metal. A. F. Ney. 1,571,429; Feb. 2.
Bracelet. L. E. Valcourt. 1,571,532–3; Feb. 2.
Bracket: *See*—
Wall bracket.
Braiding machine. E. K. Standish. 1,571,385; Feb. 2.
Braiding machines, Bobbin holder for. K. Kazarian. 1,571,587; Feb. 2.
Brake: *See*—
Automobile brake. Hand brake.
Automotive brake. Vehicle brake.
Fluid-pressure brake.
Brake. B. E. Fernow, jr. 1,571,542; Feb. 2.
Brake-band liner. P. Compton. 1,571,757; Feb. 2.
Brake lining. C. Anderson. 1,571,443; Feb. 2.
Brake-shoe construction. S. G. Down. 1,571,241–3; Feb. 2.
Brassière. A. S. Johnson. 1,571,415; Feb. 2.
Brick paving and the like, Machine for laying. H. R. Straight. 1,571,386; Feb. 2.
Brief bag. H. J. Guenther. 1,571,475; Feb. 2.
Brush. B. R. Nyhagen. 1,571,556; Feb. 2.
Buffer. E. J. Emery. 1,571,713; Feb. 2.
Building blocks, Making. E. A. Long. 1,571,849; Feb. 2.
Building board and making it. O. A. Heppes. 1,571,667; Feb. 2.
Building construction. I. Ročić. 1,571,645; Feb. 2.
Building wall. J. C. McDougall. 1,571,285; Feb. 2.
Bumper. A. W. Nordgren. 1,571,884; Feb. 2.
Bumper structure, Twin. A. W. Nordgren. 1,571,885; Feb. 2.
Bunghole seat of metal. C. R. Donner. 1,571,325; Feb. 2.
Burner: *See*—
Gas burner.
Burning fuel or gases, Method of and apparatus for controlling and directing. H. Adams. 1,571,179; Feb. 2.
Burring attachment, Automatic. A. L. Sova. 1,571,813; Feb. 2.
Button, Push. J. H. Bremer. 1,571,316; Feb. 2.
Calculator. S. J. Macfarren. 1,571,728; Feb. 2.
Calendar. E. C. White. 1,571,828; Feb. 2.
Camera, Photographic. A. S. Howell. 1,571,670; Feb. 2.
Candles, Apparatus for the manufacture of. E. A. Kerr. 1,571,589; Feb. 2.
Car, air, and electric couplers, Automatic. H. F. Woernley. 1,571,222; Feb. 2.

Car construction. J. F. O'Connor. 1,571,680; Feb. 2.
Car coupling, Mine-. H. W. Sanford. 1,571,345; Feb. 2.
Car-door latch, Grain-. P. M. Bozich. 1,571,444; Feb. 2.
Car doors, Electrical switch for. H. R. Meyer and L. G. Riley. 1,571,292; Feb. 2.
Car dumper, Rotary. A. F. Case. 1,571,233; Feb. 2.
Car-haulage plant. A. E. Norris. 1,571,732; Feb. 2.
Car-truck side frames, Wear plate for. D. S. Barrows. 1,571,229; Feb. 2.
Carburetor. J. G. Vincent. 1,571,611; Feb. 2.
Carrier: *See*—
Folding carrier.
Carton and packing the same. C. Barbieri. 1,571,918; Feb. 2.
Carton-filling machines. V. S. Fishwick. 1,571,716; Feb. 2.
Cartridge for blasting powder. A. J. Hirthler and J. Dreistadt. 1,571,478; Feb. 2.
Casehardening. W. J. Merten. 1,571,289; Feb. 2.
Casein curd, Apparatus for reducing and drying. E. Foster. 1,571,518; Feb. 2.
Cash register. O. I. Lawrence. 1,571,485; Feb. 2.
Casting, Core forming device for sash-weight. J. J. O'Brien. 1,571,894; Feb. 2.
Casting radiator sections and the like, Permanent mold for. C. B. Seem. 1,571,429; Feb. 2.
Cellulose acetates, Dyeing. R. Clavel. 1,571,320; Feb. 2.
Cement structures, Parting strip for. W. C. Burrell. 1,571,700; Feb. 2.
Cementing machine. J. W. Cosgrove. 1,571,710; Feb. 2.
Chain-applying device. C. Edwards. 1,571,764; Feb. 2.
Chair: *See*—
Folding chair. High chair.
Change-making machine. S. J. Bell. 1,571,618; Feb. 2.
Check protector. T. R. Gabel. 1,571,470; Feb. 2.
Chimney block. S. D. Voorhees. 1,571,387; Feb. 2.
China closet, buffet and extension table, Combined. J. A. Anderson. 1,571,896; Feb. 2.
Cigar-mold press. T. A. Horton and A. E. Maspons. 1,571,548; Feb. 2.
Cigarettes and cigars, Holder for. O. Hendler. 1,571,410; Feb. 2.
Circle-working implement. C. F. Golden. 1,571,777; Feb. 2.
Circuit breaker, High-tension. N. Japolsky. 1,571,630; Feb. 2.
Clamp: *See*—
Radial-drill column clamp.
Clamping device. S. H. McCowan. 1,571,853; Feb. 2.
Cleaner: *See*—
Suction cleaner. Windshield cleaner.
Cloth-cutting machines or the like, Knife for. G. E. Ulrich. 1,571,441; Feb. 2.
Cloth-laying machine. H. Schwartzman. 1,571,808; Feb. 2.
Clothes drier. W. W. Sterling. 1,571,496; Feb. 2.
Clothes stick. R. D. Wickersham. 1,571,220; Feb. 2.
Clothesline holder. W. L. Kelly. 1,571,336; Feb. 2.
Clutch. E. E. Wemp. 1,571,746; Feb. 2.
Clutch disk. E. E. Wemp. 1,571,747; Feb. 2.
Coal, Gasification of. K. P. McElroy. 1,571,877; Feb. 2.
Coffeepot, Automatic drip. G. G. Chamberlain. 1,571,752; Feb. 2.
Coffee-urn crown. J. N. Laughlin and F. J. Myers. 1,571,843; Feb. 2.
Coils, Device for winding symmetrical. J. H. Thompson. 1,571,500; Feb. 2.
Coin-actuated signaling apparatus. P. G. T. de Villiers. 1,571,693; Feb. 2.
Coin-in-the-slot machines, Coin-box mechanism for. P. G. T. de Villiers. 1,571,692; Feb. 2.
Coins, Device used to collect. J. L. Stowers. 1,571,383; Feb. 2.
Coke and utilizing the heat liberated thereby, Plant for cooling hot. A. Moetteli. 1,571,455; Feb. 2.
Collar and making the same, Reversible turndown. J. Juhász. 1,571,480; Feb. 2.
Collar button. J. F. Ahrens. 1,571,780; Feb. 2.
Combination, Lock. G. E. La Port. 1,571,281; Feb. 2.
Communication system. D. F. Whiting and H. S. Taylor. 1,571,357; Feb. 2.
Compass and protractor, Combined. E. E. Ginter. 1,571,261; Feb. 2.
Compensator. J. M. Dayton. 1,571,577; Feb. 2.
Computing machine. J. Waldheim. 1,571,534; Feb. 2.
Concertina keyboard. F. S. Pitt-Taylor. 1,571,431; Feb. 2.
Concrete column. A. H. Reeves. 1,571,799; Feb. 2.
Concrete-finishing machine. W. W. Swhier. 1,571,817; Feb. 2.
Concrete-pipe joint. E. L. Peterson. 1,571,870; Feb. 2.
Concrete wall and laying it, Imitation-brick. M. E. Stout. 1,571,815; Feb. 2.
Condenser. J. C. Rogers. 1,571,375; Feb. 2.
Condenser, Variable. G. H. Clark. 1,571,370; Feb. 2.
Confection-coating machine. A. L. Bausman. 1,571,365; Feb. 2.
Controlling mechanism. F. M. Furber. 1,571,259; Feb. 2.
Convertible table. C. J. Schmitt. 1,571,806; Feb. 2.
Conveyer. F. N. Wilson. 1,571,536; Feb. 2.
Conveyer system. H. N. Middleton. 1,571,525; Feb. 2.
Conveying mechanism. J. R. George. 1,571,521; Feb. 2.
Copyholder. H. B. Coles. 1,571,658; Feb. 2.
Corda, Attaching device for picture and mirror. R. E. Walliser. 1,571,564; Feb. 2.

Core-making machine. K. E. Wahlgren and R. W. Pittman. 1,571,442; Feb. 2.
Cores, Supporting. W. Washington. 1,571,535; Feb. 2.
Corn-husking machine. T. H. Oppenheim and B. Selhorst. 1,571,866; Feb. 2.
Corn-picking machine. S. A. Walter. 1,571,388; Feb. 2.
Costumer or coat hanger. J. Vanler. 1,571,308; Feb. 2.
Cotton-gin feeder. G. E. Evans. 1,571,514; Feb. 2.
Coupling: *See*—
Car coupling. Universal coupling.
Rod or tube coupling.
Counter, Heavy-duty. J. M. Dayton. 1,571,576; Feb. 2.
Cue chalker. A. Nelson. 1,571,211; Feb. 2.
Cup dispenser. H. Carle. 1,571,705; Feb. 2.
Current meter. W. G. Prince. 1,571,433; Feb. 2.
Current tap. R. B. Benjamin. 1,571,696; Feb. 2.
Curtain and shade supporting bracket. S. J. Dick. 1,571,760; Feb. 2.
Curtain rods, Runner for. E. Chalmer. 1,571,394; Feb. 2.
Cut-out. M. Campbell. 1,571,791; Feb. 2.
Cutter: *See*—
Rail cutter.
Cutter drill, Adjustable. L. J. Madden. 1,571,339; Feb. 2.
Cutting tool. C. Schramm. 1,571,347; Feb. 2.
Dam-building machine, Hydraulic-fill-. J. M. Howells. 1,571,446; Feb. 2.
Dauber. C. B. Foote. 1,571,254; Feb. 2.
Decoy. C. L. Dewey. 1,571,711; Feb. 2.
Decoy duck, Hunter's. J. B. Pitts. 1,571,213; Feb. 2.
Deflector support. H. B. Trix. 1,571,563; Feb. 2.
Derrick, Collapsible. J. S. Burkett. 1,571,318; Feb. 2.
Detector. T. G. McClanahan. 1,571,907; Feb. 2.
Detergent composition. C. T. Wiese. 1,571,829; Feb. 2.
Dial-aligning device. J. B. MacNamee. 1,571,855; Feb. 2.
Diestock. R. C. Fleming. 1,571,515; Feb. 2.
Dipper tooth. C. B. Andrews. 1,571,782; Feb. 2.
Dispensing device. B. J. Garris. 1,571,775; Feb. 2.
Display device. L. Chartoff and J. Suinersplitz. 1,571,623; Feb. 2.
Display form. W. H. Lee. 1,571,844; Feb. 2.
Display rack. L. S. Conklin. 1,571,659; Feb. 2.
Display stand. E. B. Weston. 1,571,352; Feb. 2.
Documents and the like, Apparatus for filing. W. R. M. de Whalley. 1,571,187; Feb. 2.
Doll. G. H. Parsons. 1,571,868; Feb. 2.
Doll heads, Applying eye mountings in. L. J. Grubman. 1,571,916; Feb. 2.
Door catch. P. Frantz. 1,571,194; Feb. 2.
Door hanger. F. E. Howard. 1,571,334; Feb. 2.
Door lock, Portable. G. Fratzke. 1,571,543; Feb. 2.
Door operating and locking device. S. B. Haseltine. 1,571,899; Feb. 2.
Dough-cutting machine. J. Baron. 1,571,504; Feb. 2.
Draft regulator. J. E. McLeod and A. J. Hewitt. 1,571,854; Feb. 2.
Drafts, Producing mechanical. G. J. A. L. Prat. 1,571,797; Feb. 2.
Drain trap. G. D. Casper. 1,571,707; Feb. 2.
Dredger bucket, Clamshell. A. Hutson. 1,571,838; Feb. 2.
Drier: *See*—
Clothes drier.
Drier. O. Butzbach. 1,571,703; Feb. 2.
Drill: *See*—
Cutter drill.
Drill bit. C. O. Stee. 1,571,348; Feb. 2.
Drill holder. F. M. Bettes. 1,571,620; Feb. 2.
Drying plant. P. Barducci. 1,571,226–8; Feb. 2.
Dye vat. F. M. and G. W. Morton. 1,571,864; Feb. 2.
Dyeing apparatus, Raw-stock-. F. M., and G. W. Morton. 1,571,863; Feb. 2.
Eaves-trough hanger. E. L. Knab. 1,571,277; Feb. 2.
Educational game. M. V. Moisan and A. R. Heywood. 1,571,488; Feb. 2.
Egg beater. H. C. Lockwood. 1,571,591; Feb. 2.
Electric circuits, Protective device for. T. E. Barnum, and E. R. Stoekle. 1,571,182; Feb. 2.
Electric distant control system. E. Granat. 1,571,262; Feb. 2.
Electric-light fixture. F. J. Wilson. 1,571,221; Feb. 2.
Electric machine, Dynamo- H. K. Whitehorn. 1,571,613; Feb. 2.
Electric machines, Armature of dynamo-. G. H. Fletcher. 1,571,914; Feb. 2.
Electric switch. E. A. Olley and F. C. Smith. 1,571,600; Feb. 2.
Electric switch. R. C. Minton. 1,571,526; Feb. 2.
Electrical condenser. H. R. Van Deventer. 1,571,501; Feb. 2.
Electrical condenser. W. Doubiller. 1,571,512; Feb. 2.
Electrical measuring instrument. A. Nyman. 1,571,911; Feb. 2.
Electrical measuring system. A. Nyman. 1,571,910; Feb. 2.
Electrical protective device. C. L. Fortescue. 1,571,256; Feb. 2.
Electrical receptacles, Faceplate for. S. P. Wyrfel. 1,571,879; Feb. 2.
Electrical regulating device, Adjustable sensitive. W. H. Apthorpe. 1,571,390; Feb. 2.

Electrical switch, Time-clock. H. E. Robertson. 1,571,644; Feb. 2.
Electrical system. W. E. Menzies. 1,571,908; Feb. 2.
Electrical system. M. L. Sindeband and J. W. Milner. 1,571,304; Feb. 2.
Electrically-heated appliance. V. G. Vaughan. 1,571,922; Feb. 2.
Electromagnetic production of direct current without fluctuations. M. I. Pupin. 1,571,458; Feb. 2.
Electron-discharge device. J. H. Thompson. 1,571,499; Feb. 2.
Electron-tube voltage regulator. P. T. Weeks. 1571,913; Feb. 2.
Electrotherapeutic apparatus. W. L. Carlson and G. W. Carpenter. 1,571,508; Feb. 2.
Elevating mechanism. L. L. Ludwig. 1,571,284; Feb. 2.
Elevator: *See*—
Portable elevator.
Engine combined reversing gear and clutch, Marine-. J. D. Mooney. 1,571,210; Feb. 2.
Engine valve, Rotary. J. H. Bair. 1,571,465; Feb. 2.
Engines, Cylinder head for internal-combustion. L. F. Hoffman. 1,571,583; Feb. 2.
Engines, Explosive-mixture-supply control device for internal-combustion. M. J. Goldberg. 1,571,197; Feb. 2.
Engines, Fuel-injecting device for internal-combustion. O. Alt and C. Helsig. 1,571,389; Feb. 2.
Engines, Fuel pump for internal-combustion. O. E.
Engines, Piston for. T. A. Morrie. 1,571,427; Feb. 2.
Envelope and stamp moistener. R. Astley. 1,571,180; Feb. 2.
Excavators, Girder construction for. G. T. Ronk. 1,571,377; Feb. 2.
Expansion joint. A. C. Fischer. 1,571,874; Feb. 2.
Extension bit. G. W. Staley. 1,571,497; Feb. 2.
Eyeglasses or spectacles, Auxiliary. W. Lobenstein. 1,571,848; Feb. 2.
Fabric: *See*—
Artificial fabric.
Fabrics, Machine for forming tubular. P. Gardner. 1,571,774; Feb. 2.
Fabrics or the like, Apparatus for drying. P. Léculler. 1,571,282; Feb. 2.
Facial-muscle-lifting device. S. Cocroft. 1,571,755; Feb. 2.
Feeding device. C. C. Stewart. 1,571,814; Feb. 2.
Fibrous material, Machine for feeding. E. V. Bates. 1,571,364; Feb. 2.
Filtering medium. E. M. Knight. 1,571,417; Feb. 2.
Finger ring. H. W. A. Goetzke. Des. 69,351; Feb. 2.
Finger ring or article or similar nature. C. Scherer. Des. 69,363–4; Feb. 2.
Firearms, Magazine for. J. E. Glaser. 1,571,776; Feb. 2.
Fire extinguisher. W. Grimshaw. 1,571,546; Feb. 2.
Fireplace. G. F. Smith. 1,571,741; Feb. 2.
Fish-catching device. A. H. Perkins. 1,571,860; Feb. 2.
Fisherman's type. C. S. Ruggles. 1,571,603; Feb. 2.
Fishing tool. L. W. Herminghausen. 1,571,332; Feb. 2.
Flags or the like, Holder for. D. Fliegelman and H. M. Bridgewater. 1,571,581; Feb. 2.
Flanging machine. J. G. Russell. 1,571,558; Feb. 2.
Flow meter. C. M. Moss. 1,571,293; Feb. 2.
Fluid-pressure brake. C. C. Farmer. 1,571,192; Feb. 2.
Folding carrier. O. R. Ludwig. 1,571,850; Feb. 2.
Folding chair. J. L. Cable. 1,571,538; Feb. 2.
Folding table. C. J. Schmitt. 1,571,807; Feb. 2.
Fractionating tower. F. B. Samuel. 1,571,805; Feb. 2.
Frame: *See*—
Hay-stacking frame. Side frame.
Friction shock-absorbing mechanism. S. J. Strid. 1,571,652; Feb. 2.
Fuel, Dustlike. F. W. Brandes. 1,571,621; Feb. 2.
Fuel knock, Prevention of. T. Midgley, jr. 1,571,862; Feb. 2.
Fuel-oil vaporizer. E. B. Dill. 1,571,237; Feb. 2.
Furnace: *See*—
Heat-treating furnace.
Furnace and operating same, Closed. C. Steenstrup. 1,571,742; Feb. 2.
Furnace-roof structure. E. P. Stevens. 1,571,561; Feb. 2.
Furnaces, coal dust and air supply in Siemens-Martin and like. R. Krauss. 1,571,418; Feb. 2.
Furniture. M. Bohn. 1,571,230; Feb. 2.
Furniture construction. J. E. Rilling. 1,571,302; Feb. 2.
Furniture, Convertible. H. R. Martin. 1,571,857; Feb. 2.
Furniture spring, Fabric. V. Massacese. 1,571,858; Feb. 2.
Fuse plug. N. C. Butler. 1,571,702; Feb. 2.
Game. A. J. Barber. 1,571,503; Feb. 2.
Game. W. E. Diegel. 1,571,188; Feb. 2.
Game apparatus. J. B. Krug. 1,571,726; Feb. 2.
Game board. T. A. Bakketun. Des. 69,342; Feb. 2.
Garment hanger. C. E. and H. W. Nordendale. 1,571,598; Feb. 2.
Garment hanger. A. M. Riffle. 1,571,778; Feb. 2.
Garment hanger. G. A. Sims. 1,571,904; Feb. 2.
Garment stays, Making. C. C. Seley. 1,571,902; Feb. 2.
Garnett machine. H. W. Trout. 1,571,743; Feb. 2.
Gas burner. F. A. Nieberding. 1,571,637; Feb. 2.
Gas burner. E. E. Wann. 1,571,822; Feb. 2.
Gas, Method and apparatus for compressing. J. Babin. 1,571,615; Feb. 2.
Gas, Purification of. J. W. Cobb and H. J. Hodsman. 1,571,624; Feb. 2.
Gaseous mixtures, Separation of the constituents of. C. C. Van Nuys and W. Wilkinson. 1,571,461; Feb. 2
Gases and equipment therefor, Heating. W. A. Darrah. 1,571,575; Feb. 2.
Gate: *See*—
Safety gate.
Gauge: *See*—
Adjustable gauge. Snap limit gauge.
Saw gauge.
Gauge for determining internal diameter of elements being ground. F. J. Pratt. 1,571,641; Feb. 2.
Gear grinder. C. Knowles. 1,571,337; Feb. 2.
Gearing, Transmission. F. L. Orr. 1,571,457; Feb. 2.
Generator: *See*—
Hydrocarbon generator.
Girder, Wooden. C. Dornier. 1,571,238; Feb. 2.
Glass articles, Machine for forming. A. N. Cramer. 1,571,445; Feb. 2.
Glass feeder. L. D. Soubler. 1,571,215; Feb. 2.
Glass tubing, Method of and apparatus for forming. L. D. Soubler. 1,571,216; Feb. 2.
Glue, Casein waterproof. A. A. Dunham. 1,571,662; Feb. 2.
Glue machine. F. Diehl. 1,571,324; Feb. 2.
Grain-cutting machine, Universal. D. Guelbaum. 1,571,408; Feb. 2.
Grain shocker. S. Zaran. 1,571,223; Feb. 2.
Grave marker. J. W. Claxton. Des. 69,345; Feb. 2.
Greasing and oiling device. S. S. Rundell. 1,571,436; Feb. 2.
Grid leak. H. M. Freeman. 1,571,257; Feb. 2.
Grinding mill. S. Snyder. 1,571,812; Feb. 2.
Gun, Fish. G. Castellan. 1,571,751; Feb. 2.
Gun, Grease. C. W. Tikalsky. 1,571,307; Feb. 2.
Guns, Sighting device for. J. Becker. 1,571,391; Feb. 2.
Gypsum, Method of and apparatus for drying and calcining. C. Dressler. 1,571,189; Feb. 2.
Hand brake. T. H. Link. 1,571,677; Feb. 2.
Hanger: *See*—
Door hanger. Garment hanger.
Eaves-trough hanger.
Harvester, Bean. G. E. Pritchard. 1,571,491; Feb. 2.
Harvester, Potato. E. Sanders. 1,571,344; Feb. 2.
Hats, Sweatband for. F. Wharton. 1,571,827; Feb. 2.
Hay-handling method and device. J. W. Callahan and G. B. Dushberre. 1,571,539; Feb. 2.
Hay-stacking frame. A. Bradley. 1,571,787; Feb. 2.
Hay sweep. M. W. Durgin. 1,571,398; Feb. 2.
Headlamp mounting, Tiltable-. F. E. Weiland. 1,571,824; Feb. 2.
Headlight-dimming means. F. L. Foote. 1,571,255; Feb. 2.
Headlight, Locomotive. N. D. Levin. Des. 69,357; Feb. 2.
Heat-exchange apparatus. W. H. Ripley. 1,571,889; Feb. 2.
Heat treating of articles. G. H. Gilman. 1,571,329; Feb. 2.
Heated-air registers, Combined deflector and cover for. C. W. Krueger. 1,571,631; Feb. 2.
Heater: *See*—
Oil heater. Water heater.
Oil-engine heater.
Heater. F. A. Nieberding. 1,571,636; Feb. 2.
Heaters, Thermostatic control for. H. G. Jensen. 1,571,270; Feb. 2.
Heating and ventilating apparatus. P. Belvin. 1,571,785; Feb. 2.
Heat-treating furnace. H. Halvorsen. 1,571,666; Feb. 2.
Heel protector. E. Barthes. 1,571,466; Feb. 2.
High chair. W. C. Lehman. 1,571,846; Feb. 2.
Helicopter and aeroplane, Combined. A. V. Santarsiero. 1,571,647; Feb. 2.
Hob. E. Wildhaber. 1,571,359; Feb. 2.
Hoist, Ash can. D. E. Parrish. 1,571,297; Feb. 2.
Hoist bucket, Skip. R. H. Beaumont. 1,571,784; Feb. 2.
Hoisting device. C. C. Bussinger. 1,571,789; Feb. 2.
Holder. E. H. Pinkbam. 1,571,794; Feb. 2.
Hollow ware from refractory mineral substances, Method of and apparatus for the manufacture of. C. C. Schnur. 1,571,607; Feb. 2.
Hone for sharpening clippers. J. P. Niesen. 1,571,555; Feb. 2.
Horn-operating mechanism, Motor-. U. Beliveau. 1,571,695; Feb. 2.
Hose rack. E. A. Kelley. 1,571,275; Feb. 2.
Hydraulic brake system. G. Fornaca. 1,571,517; Feb. 2.
Hydraulic jack. J. Roberts. 1,571,602; Feb. 2.
Hydrocarbon generator. S. B. Clark. 1,571,321; Feb. 2.
Ice box. C. Paige. 1,571,342; Feb. 2.
Ice-card holder. S. Hermanowich. 1,571,835; Feb. 2.
Ice-cream freezer. F. A. Stirrup. 1,571,609; Feb. 2.
Ice pick and the like. C. Schaum. 1,571,890; Feb. 2.
Impeller. C. F. Queisser. 1,571,735; Feb. 2.
Incandescent light, Inverted. V. H. Slinack. 1,571,895; Feb. 2.
Incubator. J. T. Landgraf. 1,571,280; Feb. 2.
Indexing device. F. W. Huber. 1,571,479; Feb. 2.
Indicator. C. E. Summers. 1,571,349; Feb. 2.
Indicator. W. Wilkinson. 1,571,657; Feb. 2.
Induction electricity meter. J. Harris. 1,571,198; Feb. 2.
Induction electricity meter. J. Harris. 1,571,200; Feb. 2.

Induction motor, Synchronous. J. Harris. 1,571,199; Feb. 2.
Injector. J. M. Gonzalés. 1,571,406; Feb. 2.
Ink remover. H. W. Becker. 1, 571,313; Feb. 2.
Inkwell and penrack, Combination. R. Famulener. 1,571,252; Feb. 2.
Insect destroyer. J. Kasmeier. 1,571,481; Feb. 2.
Insects, flies, etc., Device or implement for killing or disabling. J. L. Bennett. 1,571,619; Feb. 2.
Iron: *See*—
Soldering iron.
Ironing table. A. Bettinardi. 1,571,698; Feb. 2.
Jack: *See*—
Hydraulic jack.
Jack. K. H. Saunders. 1,571,606; Feb. 2.
Jar. G. James. Des. 69,352; Feb. 2.
Jewelry chain. A. L. Newman. 1,571,731; Feb. 2.
Joint: *See*—
Concrete-pipe joint. Expansion joint.
Journal box. B. W. Kadel. 1,571,272; Feb. 2.
Journal boxes, Aligning device for pedestal. J. F. O'Connor. 1,571,686; Feb. 2.
Key holder. J. Mataloni. 1,574,425; Feb. 2.
Knife blade. S. A. North. 1,571,886; Feb. 2.
Knitting machines, Cam-control mechanism for. W. Fels. 1,571,768; Feb. 2.
Knitting machines, Cam mechanism for. W. Fels. 1,571,766; Feb. 2.
Knitting machines, Pattern-change mechanism for. W. Fels. 1,571,765; Feb. 2.
Knitting machines, Selective-thread-change mechanism for. W. Fels. 1,571,769; Feb. 2.
Knitting machines, Stop mechanism for. F. Neveux. 1,571,294; Feb. 2.
Lamp. V. K. Samuelson and T. J. Nelson. Des. 69,361–2; Feb. 2.
Lamp, Acetylene. R. A. Mull. 1,571,554; Feb. 2.
Lamp, Dash. C. D. Ryder. 1,571,646; Feb. 2.
Lamp, Detachable, stop signal, parking, and trouble automobile. G. J. Wohltman. 1,571,749; Feb. 2.
Lamp, Portable. W. C. Greist. 1,571,407; Feb. 2.
Lamps, Arm for bridge. G. E. Villaret. Des. 69,368–9; Feb. 2.
Lamps, Base for portable electric. G. E. Villaret. Des. 69,367; Feb. 2.
Lamps, Lens for vehicle. R. N. Falge and W. M. Johnson. 1,571,714; Feb. 2.
Lamps, Manufacturing metal caps for electric incandescent. L. P. Gräner. 1,571,717; Feb. 2.
Land-cleaning device. F. X. Bélanger. 1,571,883; Feb. 2.
Land-clearing machine. J. H. Caldwell. 1,571,704; Feb. 2.
Lantern, Signal. F. D. Spear. 1,571,531; Feb. 2.
Lasting machine, Stitch-down. S. A. Weyenberg. 1,571,566; Feb. 2.
Latch. C. Maxon. 1,571,453; Feb. 2.
Lathe. H. J. Warner. 1,571,745; Feb. 2.
Lathe, Axle-turning. L. C. Cole and O. Pabst. 1,571,323; Feb. 2.
Laundry device. O. B. Anderson. 1,561,312; Feb. 2.
Laundry-marking tag. C. W. Canine. 1,571,792; Feb. 2.
Laundry wringer. A. J. Peterson and R. E. Melvin. 1,571,688; Feb. 2.
Legging. I. W. Millard. 1,571,340; Feb. 2.
Lettering instrument. H. Wedekind. 1,571,565; Feb. 2.
Lifter: *See*—
Valve-spring lifter.
Light: *See*—
Incandescent light.
Lighting fixture. S. Czapek. Des. 69,347; Feb. 2.
Lighting fixtures, Body for. M. Klein. Des. 69,354; Feb. 2.
Lighting fixtures, Wall plate for. J. Franzino. Des. 69,348–9; Feb. 2
Line-chalking device. G. A. Kleinow. 1,571,483; Feb. 2.
Lingerie-strap fastener. N. I. Scott and N. G. Hanes. 1,571,494; Feb. 2.
Liquid-sampling apparatus. F. L. Jefferies. 1,571,201; Feb. 2.
Liquids, Controlling the delivery of. F. C. August. 1,571,464; Feb. 2.
Lock: *See*—
Door lock. Valve lock.
Lock. R. E. Crossley. 1,571,574; Feb. 2.
Lock washer. F. F. Dorsey. 1,571,511; Feb. 2.
Locomotive or car truck. O. K. Kjolseth. 1,571,725; Feb. 2.
Locomotives, Fuel-conserving device for. W. H. Keller. 1,571,840; Feb. 2.
Loom for weaving. O. Shimwell. 1,571,878; Feb. 2.
Looms, Automatically-threading shuttle for. A. E. Rhoades. 1,571,888; Feb. 2.
Looms, Pile-forming wire for pile-fabric. J. Kaufmann. 1,571,586; Feb. 2.
Loose-leaf binder. O. L. Hermann. 1,571,905; Feb. 2.
Lubricator: *See*—
Air-line lubricator.
Machine element. W. F. Lautenschlager. 1,571,206; Feb. 2.
Machine-operating mechanism. K. O. B. Textorius. 1,571,653; Feb. 2.
Measuring device. C. T. Allcutt. 1,571,224; Feb. 2.
Measuring device for bulk materials. A. F. Garlinghouse and W. M. Venable. 1,571,544; Feb. 2.
Measuring instrument. A. Miller. 1,571,596; Feb. 2.
Measuring machine, Automatic. D. W. Ripley. 1,571,459; Feb. 2.
Measuring machine for peanuts and the like. G. C. Kelling. 1,571,588; Feb. 2.
Metal and producing the same, Plated. V. D. Davignon. 1,571,540; Feb. 2.
Metal blanks, Mechanism for feeding. C. T. Brennan. 1,571,232; Feb. 2.
Metal cans, Making. R. E. Blackford and C. Butterfield. 1,571,367; Feb. 2.
Metal-extraction process. L. Venn-Brown. 1,571,502; Feb. 2.
Metal girder. C. Dornier. 1,571,240; Feb. 2.
Metal, Plated V. D Davignon. 1,571,541; Feb. 2.
Metal structures, Metal girder for light. C. Dornier. 1,571,239; Feb. 2.
Metals, Condensing. C. Schanandoah. 1,571,737; Feb. 2.
Meter: *See*—
Current meter. Induction electricity meter.
Flow meter. Volt-ampere meter.
Milk sugar, Obtaining. H. V. Dunham. 1,571,626; Feb. 2.
Mill: *See*—
Grinding mill. Wheel mill.
Rolling mill.
Milling cutter and making same. E. F. Smith. 1,571,559; Feb. 2.
Milling-cutter blanks, Relieving. E. Wildhaber. 1,571,358; Feb. 2.
Milling cutters, Forming. W. C. F. Schramm. 1,571,346; Feb. 2.
Mixing and beating machines, Supporting and actuating mechanism for. H. Trust and F. M. Ashley. 1,571,655; Feb. 2.
Molding and process of making same, Composition for. T. S. Huxham. 1,571,447; Feb. 2.
Molding apparatus. F. A. K. Marx. 1,571,424; Feb. 2.
Molds, Forming. J. A. Rathbone. 1,571,642; Feb. 2.
Mop pail and wringer. W. M. Christopher. 1,571,754; Feb. 2.
Motor: *See*—
Induction motor.
Motor-control system. W. Fels. 1,571,767; Feb. 2.
Motor suspension. H. A. Kjelsberg. 1,571,906; Feb. 2.
Motors, Venting apparatus for. T. P. Kinman. 1,571,550; Feb. 2.
Multigraph rail-soldering machine. A. P. Johnston. 1,571,416; Feb. 2.
Musical instrument. A. Boothe. 1,571,315; Feb. 2.
Musical instrument. F. R. Weaver. 1,571,823; Feb. 2.
Musical instrument, Record-controlled. H. P. Maus and D. M. Lamson. 1,571,559; Feb. 2.
Nozzle, Spray. A. B. Buckherme. 1,571,616; Feb. 2.
Nursing-bottle holder. J. J. Wellenhoffer. 1,571,826; Feb. 2.
Oil can, Combined pump and force-feed. G. Lidseen. 1,571,676; Feb. 2.
Oil-engine heater. C. and S. O. Foss. 1,571,663; Feb. 2.
Oil heater, Portable. M. Resek. 1,571,301; Feb. 2.
Oil stoves, Automatic feed valve for. G. A. Poss. 1,571,795; Feb. 2.
Operating table. A. A. Laurent. 1,571,205; Feb. 2.
Orchards, Temperature-regulating device for. E. S. Cobb. 1,571,467; Feb. 2.
Ornament and making the same. G. P. Shearer. 1,571,380; Feb. 2.
Oscillation-generator system. V. K. Zworykin. 1,571,463; Feb. 2.
Package-assembling machine. M. Jaeger. 1,571,269; Feb. 2.
Packing, Cock and valve. J. F. Russell. 1,571,803; Feb. 2.
Paintbrush. J. Kratochvil. 1,571,338; Feb. 2.
Paper cones, Apparatus for forming. P. L. McCall. 1,571,852; Feb. 2.
Paper crinkling. W. A. Lorenz. 1,571,593; Feb. 2.
Paper embossing. W. A. Lorenz. 1,571,594; Feb. 2.
Paper fastener. C. D. King. 1,571,482; Feb. 2.
Paper, Forming watermarks in. J. L. Fearing. 1,571,715; Feb. 2.
Paper-making machine. A. Aldrich. 1,571,362; Feb. 2.
Paper tubes, Making waterproof. J. H. Carmichael. 1,571,706; Feb. 2.
Patterns and castings, Indicating the cope side of. L. R. Wetherill. 1,571,353; Feb. 2.
Pavement and making same. A. T. Rhodes. 1,571,527; Feb. 2.
Pen, Fountain. J. Barker. 1,571,363; Feb. 2.
Pen, Self-filling fountain. C. M. Haynes. 1,571,477; Feb. 2.
Penetrator for testing penetration hardness. C. H. Wilson. 1,571,310; Feb. 2.
Phonograph. D. T. Allen. 1,571,568; Feb. 2.
Phonograph, Coin-controlled. J. S. Maxfield. 1,571,793; Feb. 2.
Photographic and telephonic apparatus, Combined. W. Phillips. 1,571,090–1; Feb. 2.
Pipe: *See*—
Sheet-metal pipe.
Pipe-laying device. A. G. Dalsell. 1,571,372; Feb. 2.
Pipe union. A. L. Register. 1,571,343; Feb. 2.
Pistol, Automatic. C. C. Loomis. 1,571,592; Feb. 2.
Piston. J. W. Cover and O. F. Oliver. 1,571,185; Feb. 2.
Piston-rod centering guide and coupling, especially adapted for syringes, Adjustable. G. N. Helm. 1,571,268; Feb. 2.

Planer. J. Kandera. 1,571,449; Feb. 2.
Plates of various sorts, Apparatus for drying. F. T. Powers. 1,571,214; Feb. 2.
Playing-game implement. L. L. and R. E. Richard. 1,571,374; Feb. 2.
Plow, Motor. R. Sohner. 1,571,305; Feb. 2.
Plug, Attachment. S. McClatchie. 1,571,727; Feb. 2.
Plumb-bob carrier. T. C. O'Loughlin. 1,571,687; Feb 2.
Plumbing fixtures and the like, Covering for. R. E. Jarvis. 1,571,335; Feb. 2.
Pneumatic-dispatch systems, Carrier-distributing apparatus for. J. G. Maclaren. 1,571,423; Feb. 2.
Pneumatic tool. W. A. Smith and C. H. Dockham. 1,571,560; Feb. 2.
Pocket, Safety. A. B. Lesser. 15,71,847; Feb. 2.
Polishing machine, Base and floor border. E. Cavicchi. 1,571,571; Feb. 2.
Portable elevator. H. S. Germond, jr. 1,571,627; Feb. 2.
Poultry feeder. I. P. Hayes. 1,571,409; Feb. 2.
Powder distributor. J. A. Wittjen. 1,571,311; Feb. 2.
Press: *See*—
Cigar-mold press.
Press. P. A. Briggs. 1,571,622; Feb. 2.
Presses and the like, Platen for vulcanizing. J. F. North. 1,571,599; Feb. 2.
Pressure systems, Ball cock for use upon high or low. T. W. Ryan. 1,571,604; Feb. 2.
Printing presses and like machines, Sheet detector for. H. J. Schultz. 1,571,649; Feb. 2.
Printing presses, Inking mechanism for. H. F. Bechman. 1,571,882; Feb. 2.
Propeller-drive control. B. Rosenbaum. 1,571,492; Feb. 2.
Prune gatherer. S. Pavloff. 1,571,298; Feb. 2.
Pulverizing machines, Grate bar for. H. S. Knight. 1,571,675; Feb. 2.
Pump. J. H. Frier, jr. 1,571,915; Feb. 2.
Pump, Grease. A. M. McSpadden. 1,571,634; Feb. 2.
Pump, Oil. A. Lefebvre. 1,571,845; Feb. 2.
Pump, Rotary. A. E. Simpson. 1,571,650; Feb. 2.
Pumps, Compensating device for. R. H. Aldrich. 1,571,781; Feb. 2.
Punch and die construction. A. R. Jayne. 1,571,672; Feb. 2.
Purse, Coin and key. M. E. Rohr. 1,571,528; Feb. 2.
Puzzle board. V. L. Maburin. 1,571,856; Feb. 2.
Quenching bath. W. J. Merten. 1,571,290; Feb. 2.
Rack: *See*—
Display rack. Hose rack.
Rack. G. C. Smith. 1,571,440; Feb. 2.
Radial-drill column clamp. D. C. Klausmeyer and R. L. Rickwood. 1,571,893; Feb. 2.
Radiator. A. B. Modine. 1,571,730; Feb. 2.
Radiator. W. Simmons. 1,571,530; Feb. 2.
Radiator cap. A. M. Renzetti and D. C. Brown. Des. 69,360; Feb. 2.
Radiator cap. J. J. Koran. Des. 69,355; Feb. 2.
Radio-apparatus cabinet. W. H. Wade. 1,571,923; Feb. 2.
Radiocabinet. A. H. Haag. 1,571,665; Feb. 2.
Radiocabinet. E. Worthington. Des. 69,370–9; Feb. 2.
Radiofrequency receiving system, Tuned. F. L. Lord. 1,571,900; Feb. 2.
Radiohendgear. M. F. Galayda. 1,571,471; Feb. 2.
Radiophones, Amplifier for. J. J. Low. 1,571,452; Feb. 2.
Radio signaling apparatus. G. H. Clark. 1,571,371; Feb. 2.
Radiosignaling, Apparatus for wave changing in. A. N. Goldsmith. 1,571,405; Feb. 2.
Rail anchor. R. A. Blair. 1,571,183; Feb. 2.
Rail anchor. W. H. De Busk. 1,571,186; Feb. 2.
Rail anchor. E. Naldrett. 1,571,428; Feb. 2.
Rail anchor. H. G. Warr. 1,571,218; Feb. 2.
Rail and tramway cars, Bogie for. A. Kamp. 1,571,274; Feb. 2.
Rail connecter. N. Soltesz. 1,571,384; Feb. 2.
Rail cutter. D. E. Anderson. 1,571,569; Feb. 2.
Railway. J. M. Kincade 1,571,590; Feb. 2.
Railway draft rigging. H. E. Anderson. 1,571,694; Feb. 2.
Railway ticket, Commutation. A. J. Shaukis. 1,571,809; Feb. 2.
Rat trap. G. W. Brotherton, O. O. Weaver, and N. W. Johnson. 1,571,392; Feb. 2.
Razor, Safety. L. H. La Chance and G. Browning. 1,571,552; Feb. 2.
Razor stropper. H. Ipsen. 1,571,523; Feb. 2.
Receptacles, Means for closing. E. L. R. Salles. 1,571,605; Feb. 2.
Refrigerating apparatus. F. E. Dennison. 1,571,660; Feb. 2.
Refrigerating system and the like. W. A. McNutt. 1,571,633; Feb. 2.
Register: *See*—
Autographic register. Cash register.
Regulator: *See*—
Draft regulator. Thermostatic oven regulator.
Electron-tube voltage regulator.
Regulator system. W. E. Menzies. 1,571,909; Feb. 2.
Relay. H. Chirelx. 1,571,368; Feb. 2.
Renewable shovel. A. L. Ternan and E. Olson. 1,571,818; Feb. 2.
Resilient wheel. P. D. Holland. 1,571,411; Feb. 2.
Ribbon. W. B. Terry. Des. 69,366; Feb. 2.
Ribbons, Machine for making shirred. H. F. Tiedemann. 1,571,654; Feb. 2
Rim, Demountable. I. F. Willman. 1,571,830; Feb. 2.
Rim tool. F. R. Hartsock. 1,571,266; Feb. 2.
Ring: *See*—
Stock ring.
Rod or tube coupling. A. J. Descoteau. 1,571,661; Feb. 2.
Roll-holding attachment. R. A. Birmingham. 1,571,786; Feb. 2.
Rolling mill. C. J. Gibbons. 1,571,545; Feb. 2.
Roof ventilator. C. C. Gridley. 1,571,478; Feb. 2.
Safe, Provision. H. S. Schopf. 1,571,438; Feb. 2.
Safety gate. O. A. Fleming. 1,571,402; Feb. 2.
Stirrup, Safety. J. N. Buron. 1,571,570; Feb. 2.
Sampling device for beans and the like. J. H. McFarland. 1,571,632; Feb. 2.
Sand caps or oil savers, Attachment for. G. A. Seguine. 1,571,740; Feb. 2.
Saw gauge. H. Bolli. 1,571,231; Feb. 2.
Saw gauge. A. F. Dougan. 1,571,397; Feb. 2.
Scales, Knife-edge pivot for. C. H. Hartman. 1,571,265; Feb. 2.
Scales, Steelyard rod and spring connection for. W. F. Stimpson. 1,571,306; Feb. 2.
Scooter. P. B. Tingley. 1,571,562; Feb. 2.
Scraper, Riding fresno. T. A. Hartung. 1,571,476; Feb. 2.
Screen. H. J. Reed and C. L. Spafford. 1,571,736; Feb. 2.
Seaweed, Apparatus and method for collecting. A. R. Clark. 1,571,395; Feb. 2.
Sewing machines, Attachment for. P. I. Pankoff. 1,571,296; Feb. 2.
Shade support. L. C. Doane. 1,571,578; Feb. 2.
Shaft adjustment. W. L. Paul. 1,571,557; Feb. 2.
Sheet material, Machine for feeding. E. Craig. 1,571,572; Feb. 2.
Sheet-metal pipe, Producing. R. Irvin. 1,571,412; Feb. 2.
Sheet-metal straightening machine. G. W. Lentz. 1,571,207; Feb. 2.
Shingle-wiring machine, Flexible. A. A. Griswold and A. C. Goddard. 1,571,582; Feb. 2.
Shock absorber. A. J. Bramlette, jr. 1,571,788; Feb. 2.
Shock absorber. J. Caldwell. 1,571,393; Feb. 2.
Shock absorber. A. W. Webb, jr. 1,571,825; Feb. 2.
Shock-absorbing mechanism, Friction. A. M. Brenne. 1,571,699; Feb. 2.
Shock-absorbing mechanism, Friction. S. B. Haseltine. 1,571,898; Feb. 2.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,571,679; Feb. 2.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,571,681–2; Feb. 2.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,571,684–5; Feb. 2.
Shoe and method of making. J. D. Price. 1,571,796; Feb. 2.
Shoe and method of making. J. D. Price and W. H. Drake. 1,571,798; Feb. 2.
Shoe, Bathing. C. R. Waldron and S. G. Stevenson. 1,571,462; Feb. 2.
Shoe-polishing machine, Portable. H. H. Force. 1,571,773; Feb. 2.
Shoe, Wooden. C. J. Swanstrom. 1,571,498; Feb. 2.
Shoes, Making. A. F. Pym. 1,571,734; Feb. 2.
Shovel: *See*—
Renewable shovel.
Show-case stand, Rotary. C. E. Nichols. 1,571,597; Feb. 2.
Side frame. B. W. Kadel. 1,571,273; Feb. 2.
Sighting instruments, Device for adjustment of the side angle of. A. J. Auspitzer. 1,571,177; Feb. 2.
Sign. F. H. Fischer. 1,571,771; Feb. 2.
Signal: *See*—
Automobile signal. Vehicle signal.
Signal apparatus. A. P. Hagar. 1,571,547; Feb. 2.
Signal service. W. S. Ludlow, jr. 1,571,209; Feb. 2.
Signatures, Attachment for reproducing facsimile. C. E. Gilbert. 1,571,664; Feb. 2.
Slate, Process and machine for variably cutting roofing. J. H. Emack. 1,571,712; Feb. 2.
Slicing machine. H. Thomas. 1,571,217; Feb. 2.
Smoker's set. E. E. Slick. Des. 69,365; Feb. 2.
Snap limit gauge. B. H. Blood. 1,571,314; Feb. 2.
Snap molding, Pattern for. H. C. Pfeil. 1,571,689; Feb. 2.
Soap and making the same, Flaked. G. F. Dawes. 1,571,625; Feb. 2.
Soap holder. J. S. Labry, sr. 1,571,842; Feb. 2.
Soldering iron. H. J. Hockersmith and F. M. Argerbright. 1,571,836; Feb. 2.
Soldering iron. V. J. Rosenblatt. 1,571,903; Feb. 2.
Sound-reproducing arrangement. W. Schloemilch. 1,571,378; Feb. 2.
Spark coil terminal. O. N. Olson. 1,571,638; Feb. 2.
Speed recording device. H. A. Turnier. 1,571,820; Feb. 2.
Spot or search light assembly. O. H. Clarke. 1,571,709; Feb. 2.
Spotlight-range-limiting device. J. K. Olsen. 1,571,456; Feb. 2.
Sprayer. E. Hugé. 1,571,629; Feb. 2.

Sprayers, Cooling system for. J. C. Hull. 1,571,837; Feb. 2.
Spring: *See*—
Furniture spring.
Spring hanger, bolt, and eye, Self-lubricating. A. J. Dilley. 1,571,761; Feb. 2.
Sprinkler head. O. J. Lubbock. 1,571,422; Feb. 2.
Stacking machine. A. F. Williams. 1,571,360; Feb. 2.
Stamping device. H. E. Wetherill. 1,571,656; Feb. 2.
Stamping machine with transferable dies. T. R. Willwerscheid. 1,571,614; Feb. 2.
Stamps, Label holder for self-inking. G. A. J. Meyer. 1,571,291; Feb. 2.
Stand: *See*—
Display stand. Show-case stand.
Statuette. E. Freund. Des. 69,350; Feb. 2.
Steam trap. F. L. Hutchinson. 1,571,921; Feb. 2.
Steel and iron with chronium, manganese, etc., Production of alloyed. T. G. and J. E. L. Stig. 1,571,382; Feb. 2.
Stenographic machines, Paper-feeding means for. M. Grandjean. 1,571,522; Feb. 2.
Sterilizing device. E. R. Ulrich. 1,571,872; Feb. 2.
Stickpin. N. P. Corney. Des. 69,346; Feb. 2.
Stilt, Adjustable. E. A. Boardman. 1,571,919; Feb. 2.
Stock ring. W. S. Parrish. 1,571,867; Feb. 2.
Stoker. W. Ward. 1,571,612; Feb. 2.
Stone and sill machine, Dimension. S. R. Edmonds. 1,571,763; Feb. 2.
Stone setting. I. Behrstock. Des. 69,343; Feb. 2.
Stop light, Safety. C. M. Janes. 1,571,584; Feb. 2.
Storage receptacle for articles of food. F. H. Lehman. 1,571,875; Feb. 2.
Stove. G. W. Howes. 1,571,723; Feb. 2.
Stovepipe fastener. J. M. Fisher. 1,571,772; Feb. 2.
Stoves, Automatic fuel cut-off for gas. J. Zimmer. 1,571,881; Feb. 2.
Submarine. V. De Feo. 1,571,833; Feb. 2.
Suction cleaner. J. B. Kirby. 1,571,276; Feb. 2.
Sugar, Making grape. W. B. Newkirk. 1,571,212; Feb. 2.
Sulpnurizing organic compounds. F. W. Atack. 1,571,181; Feb. 2.
Swab. F. W. Leidecker. 1,571,876; Feb. 2.
Swing gearing for slubbing, roving, and like frames. E. J. Welffens. 1,571,219; Feb. 2.
Switch: *See*—
Electric switch. Electrical switch.
Switch device, Interlocking. C. C. Farmer. 1,571,191; Feb. 2.
Table: *See*—
Auto utility table. Ironing table.
Convertible table. Operating table.
Folding table.
Taillight. J. V. Machesky. 1,571,286; Feb. 2.
Tank. H. M. Knight. 1,571,484; Feb. 2.
Tanks, Making transformer. E. G. Reed. 1,571,300; Feb. 2.
Tanning preparations and products thereof, Making. T. Blackadder. 1,571,873; Feb. 2.
Taximeter fare-counter control. F. O. Gray. 1,571,263; Feb. 2.
Telegraphic transmission of pictures and images. E. E. F. d'Albe. 1,571,897; Feb. 2.
Telephone. R. H. White. 1,571,356; Feb. 2.
Telephone cover. J. H. W. Pflueger. 1,571,639; Feb. 2.
Telephone-receiver unit. V. E. Morrison. 1,571,454; Feb. 2.
Telephone ringer, Automatic. E. T. Richey. 1,571,435; Feb. 2.
Telephone substation circuits. W. H. Edwards. 1,571,513; Feb. 2.
Tent-securing device. G. D. Newman. 1,571,295; Feb. 2.
Textile fabric. W. C. Korzinek. Des. 69,356; Feb. 2.
Textile-finishing machine. F. W. P. Rose and C. Werner. 1,571,802; Feb. 2.
Thermostatic oven regulator. A. F. Erickson. 1,571,400; Feb. 2.
Threads or filaments, Apparatus for the manufacture of artificial. N. B. Grillet. 1,571,474; Feb. 2.
Tire heads, Machine for placing flipper strips on. W. Cardocky. 1,571,404; Feb. 2.
Tire-spreading tool. J. F. Rogers. 1,571,376; Feb. 2.
Tire-tread advertising device. F. Eickhoff. 1,571,248; Feb. 2.
Tire-valve stems, Combined dust cap and air seal for. G. W. Oakes. 1,571,865; Feb. 2.
Tobacco-leaf-stemming machine. F. H. Berold. 1,571,537; Feb. 2.
Tobacco pipe. A. B. Modine. 1,571,729; Feb. 2.
Tobacco pipe. A. Orlik. Des. 69,358–9; Feb. 2.
Tone arm and wireless headpiece coupling. E. J. Kirk, T. D. Jones, and F. B. Fisher, jr. 1,571,204; Feb. 2.
Tool holder. L. C. Cole. 1,571,322; Feb. 2.
Top. J. N. Cayo. 1,571,708; Feb. 2.
Torpedo. E. S. R. Brandt. 1,571,507; Feb. 2.
Torpedo. C. B. McVay, jr. 1,571,487; Feb. 2.
Toy. J. Monson. 1,571,901; Feb. 2.
Toy. T. M. Renick. 1,571,643; Feb. 2.
Toy, Figure. M. S. Lamb. 1,571,279; Feb. 2.
Toy, Mechanical. L. J. Kass. 1,571,203; Feb. 2.
Toy, Mechanical. H. T. Kingsley. 1,571,674; Feb. 2.
Toy, Pony and rider. W. D. Bludworth. Des. 69,344; Feb. 2.
Toy railway cars, Door and mounting therefor for. H. S. Becker. 1,571,505; Feb. 2.
Toy vehicle. M. Morihata. 1,571,489; Feb. 2.
Track liner. J. Clark. 1,571,920; Feb. 2.
Traction lug. I. N. Tusing. 1,571,821; Feb. 2.
Traction wheels, Attachment for. C. R. Lanus. 1,571,419; Feb. 2.
Tractor. E. H. Dieckmann. 1,571,236; Feb. 2.
Tractor. R. O. Hendrickson. 1,571,628; Feb. 2.
Tractor hitch. C. F. Byrne. 1,571,319; Feb. 2.
Traffic indicator and advertising sign. A. B. Camden. 1,571,790; Feb. 2.
Train-wire coupler, Electric. C. C. Farmer. 1,571,190; Feb. 2.
Trains, Power transmission for. A. Sugden. 1,571,816; Feb. 2
Transit. C. M. Bernegau. 1,571,697; Feb. 2.
Transmission control. C. S. Peren. 1,571,431; Feb. 2
Trap: *See*—
Animal trap. Rat trap.
Drain trap. Steam trap.
Trap. J. Naidul. 1,571,635; Feb. 2.
Tray. P. A. Gollnick. 1,571,330; Feb. 2.
Tube-flaring tool. F. R. Hartsock. 1,571,267; Feb. 2.
Tubes, Mold for curing inner. M. A. Flynn. 1,571,193; Feb. 2.
Typewriters, Vertical-space register for. L. R. Fulton. 1,571,403; Feb. 2.
Typewriting machine. E. B. Hess. 1,571,718–21; Feb. 2.
Typewriting machines, Reverse line-spacing device for. C. Gabrielson. 1,571,519; Feb. 2.
Universal coupling. R. M. Lovejoy. 1,571,595; Feb. 2.
Uppers over lasts, Machine for shaping. A. F. Pym. 1,571,733; Feb. 2.
Utensil, Baking. V. J. Morris. 1,571,678; Feb. 2.
Vacuum tubes, Connection for producing oscillations with. L. Kühn. 1,571,278; Feb. 2.
Valve. A. F. Erickson. 1,571,401; Feb. 2.
Valve. R. S. Shimp. 1,571,810; Feb. 2.
Valve. F. O. Watkins. 1,571,351; Feb. 2.
Valve and making the same, Engine. F. Vorel. 1,571,744; Feb. 2.
Valve, Automatic air. F. J. and J. W. Frunz. 1,571,258; Feb. 2.
Valve-spring lifter. L. Gaffney. 1,571,195; Feb. 2.
Valve lock. R. W. Hompe. 1,571,669; Feb. 2.
Valve, Pressure-equalizer. H. E. Darrow. 1,571,396; Feb. 2.
Valve, Quick-action triple. D. Božić. 1,571,506; Feb. 2.
Vat: *See*—
Dye vat.
Vehicle brake, Motor-. S. G. Down. 1,571,245; Feb. 2.
Vehicle signal. L. B. Keller. 1,571,841; Feb. 2.
Vehicle stabilizer. R. Gretsch. 1,571,264; Feb. 2.
Vehicle wheel. J. F. Fairley. 1,571,251; Feb. 2.
Vehicle wheel. J. Samson. 1,571,804; Feb. 2.
Vehicle wheel. L. F. Schumacher. 1,571,493; Feb. 2.
Vehicles, Bumper for motor. C. J. Iven. 1,571,671; Feb. 2.
Vehicles, Clutch and brake control on road. J. G. P. Thomas. Re16,257; Feb. 2.
Vehicles, Frame and spring suspension for motor. C. J. Whitacre. 1,571,355; Feb. 2.
Vehicles, Radiator shield for motor. C. J. Whitacre. 1,571,354; Feb. 2.
Vehicles, Safety lock for motor. C. L. Hubbs. 1,571,724; Feb. 2.
Velocipede. O. Karcher. 1,571,202; Feb. 2.
Vending machine. W. L. Moser. 1,571,341; Feb. 2.
Vending machine for compressed gases and fluids in containers. J. E. Carroll. 1,571,750; Feb. 2.
Ventilator: *See*—
Roof ventilator.
Vise wrench, Adjustable. A. B. Faulkner. 1,571,326; Feb. 2.
Volt-ampere meter. F. Conrad. 1,571,234; Feb. 2.
Volt-ampere meter. B. H. Smith. 1,571,912; Feb. 2.
Wagon, Runnered. W. E. Young. 1,571,880; Feb. 2.
Wall bracket, Self-fastening. O. E. Long. 1,571,283; Feb. 2.
Wardrobe, Portable. L. M. Bender. 1,571,366; Feb. 2.
Washer: *See*—
Lock washer.
Washing machine. E. C. Reutlinger. 1,571,887; Feb. 2.
Washing machine. J. Williams. 1,571,361; Feb 2.
Water heater, Electric. W. A. Sharpe. 1,571,379; Feb. 2.
Water-intercepting means. E. A. Lynn. 1,571,553; Feb. 2.
Water-recording apparatus. G. H. Fisher. 1,571,253; Feb. 2.
Water, Softening. R. G. Tellier. 1,571,891; Feb. 2.
Water-softening art and material. R. G. Tellier. 1,571,892; Feb. 2.
Water-treating system. A. W. Anderson and J. R. Hickox. 1,571,225; Feb. 2.
Water-tube boiler. A. Cotton. 1,571,369; Feb. 2.
Water waver. J. Brettschneider. 1,571,317; Feb. 2.
Web-winding mechanism. P. B. Tingley. 1,571,610; Feb. 2.
Weighing machine, Automatic. J. B. Van Deren. 1,571,460; Feb. 2.

Weighing mechanism. H. L. Merrick 1,571,288; Feb. 2.
Welder, Automatic. O. A. Kenyon. 1,571,924; Feb. 2.
Well-drilling apparatus. O. B. Wall. 1,571,309; Feb. 2.
Well point, Drive-. C. F. D. Smith. 1,571,871; Feb. 2.
Wheel: *See*—
Resilient wheel.
Vehicle wheel.
Wheel mill. B. F. Faunce. 1,571,468; Feb. 2.
Wick holder. W. C. Homan. 1,571,668; Feb. 2.
Window-glass channel. E. W. M. Bailey. 1,571,831; Feb. 2.
Window guide. E. W. M. Bailey. 1,571,832; Feb. 2.
Window, Metal. A. Flen. 1,571,327; Feb. 2.
Window opener and closure. J. Toresan. 1,571,819; Feb. 2.
Windows and the like, Protective apparatus for bank. D. Kaufman. 1,571,450; Feb. 2.
Windows, Muntin-bar lock for metal. L. Washburn. 1,571,350; Feb. 2.
Windshield cleaner. F. G. and W. M. Folberth. 1,571,516; Feb. 2.
Windshields, Hinge for. W. Marshall. 1,571,287; Feb. 2.
Wire, Furnace for the heating and unwinding of. A. F. Jacquemin. 1,571,839; Feb. 2.
Wireless transmitting apparatus. N. E. Davis. 1,571,373; Feb. 2.
Work-setting means. B. D. Stevens. 1,571,651; Feb. 2.
Wrench. J. H. Flanigan. 1,571,328; Feb. 2.
Wrench: *See*—
Auto wrench.
Vise wrench.
Wringer: *See*—
Laundry wringer.

CLASSIFICATION OF PATENTS

FEBRUARY 2, 1926.

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78— 81: 1,571,737
80— 16: 1,571,468
44: 1,571,521
55: 1,571,545
81— 87: 1,571,326
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126: 1,571,328
82— 2: 1,571,745
8: 1,571,323
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83— 6: 1,571,408
8: 1,571,812
9: 1,571,518
11: 1,571,675
26: 1,571,608
62: 1,571,890
84— 88: 1,571,859
234: 1,571,315
263: 1,571,823
376: 1,571,431
87— 5: 1,571,313
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16: 1,571,625
17: 1,571,662
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89— 41: 1,571,391
91— 47: 1,571,180
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57: 1,571,324
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69: 1,571,593
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79: 1,571,852
94: 1,571,706
94— 18: 1,571,700
94— 24: 1,571,527
47: 1,571,386
48: 1,571,817
95— 64: 1,571,670
96— 5: 1,571,385
15: 1,571,587
97— 15: 1,571,759
50: 1,571,305
1,571,789
159: 1,571,758
198.1: 1,571,853
98— 4: 1,571,473
50: 1,571,631
100— 25: 1,571,437
31: 1,571,573
57: 1,571,548
101— 24: 1,571,470
47: 1,571,350
58: 1,571,811
350: 1,571,882
351: 1,571,248
375: 1,571,664
102— 8: 1,571,478
20: 1,571,617
103— 11: 1,571,781
38: 1,571,845
140: 1,571,650
225: 1,571,876
104— 63: 1,571,434
176: 1,571,732
208: 1,571,520
105— 82: 1,571,906
98: 1,571,816
135: 1,571,725
165: 1,571,274
195: 1,571,686
196: 1,571,680
205: 1,571,273
207: 1,571,229
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106— 22: 1,571,447
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107— 21: 1,571,504
108— 29: 1,571,277
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112— 2: 1,571,774
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1,571,367
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25: 1,571,467
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116— 59: 1,571,695
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117— 9: 1,571,296
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119— 5: 1,571,196
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52: 1,571,409
56: 1,571,814
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120— 5: 1,571,262
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42: 1,571,363
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121— 6: 1,571,553
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123— 2: 1,571,615
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33: 1,571,389
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123: 1,571,197
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124— 13: 1,571,643
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67: 1,571,785
96: 1,571,301
121: 1,571,741
127: 1,571,636
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128— 76: 1,571,755
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16: 1,571,187
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20: 1,571,787
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12: 1,571,729
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57: 1,571,537
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133— 4: 1,571,618
135— 15: 1,571,295
136— 16: 1,571,333
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21: 1,571,351
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139: 1,571,401
138— 9: 1,571,602
10: 1,571,622
139— 46: 1,571,586
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140— 91: 1,571,902
93: 1,571,582
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146— 102: 1,571,217
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149— 4: 1,571,873
150— 28: 1,571,475
1,571,528
151— 3: 1,571,511
152— 12: 1,571,865
14: 1,571,764
1,571,821
180— 22: 1,571,748
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182— 18: 1,571,707
183— 22: 1,571,253
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184— 45: 1,571,436
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1,571,247
1,571,517
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1,571,242
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249: 1,571,443
259: 1,571,757
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75: 1,571,327
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192— 68: 1,571,746
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122: 1,571,884
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171— 95: 1,571,390
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177— 311: 1,571,692
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87: 1,571,690
88: 1,571,182
180: 1,571,702
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159: 1,571,316
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206— 46: 1,571,918
56: 1,571,794
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33: 1,571,202
34: 1,571,562
210— 18: 1,571,225
210— 204: 1,571,417
211— 8: 1,571,706
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14: 1,571,659
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20: 1,571,597
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26: 1,571,679
32: 1,571,684
1,571,685
1,571,898
33: 1,571,681
1,571,682
34: 1,571,699
50: 1,571,694
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1,571,704
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219— 8: 1,571,924
25: 1,571,922
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249— 29: 1,571,460
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27: 1,571,257
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3: 1,571,297
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271— 29: 1,571,572
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280— 169: R. 16,258
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62: 1,571,557
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ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Abouchar & Co., New York, N. Y. Linen piece goods. 208,704; Feb. 9; Serial No. 214,836; published Nov. 17, 1925.

Abrash, George, New York, N. Y. Silk piece goods. 208,801; Feb. 9; Serial No. 219,467; published Nov. 17, 1925.

Actinium Developments Limited, London, England. Preparation for the prevention or removal of scale from boilers, etc. 208,703; Feb. 9; Serial No. 214,637; published Nov. 17, 1925.

Adam, J. N., & Co., Buffalo, N. Y. Silk piece goods. 208,770; Feb. 9; Serial No. 218,941; published Nov. 17, 1925.

Adams, Alfred B., New York, N. Y. Concentrated extract from cod and other animal livers. 208,734; Feb. 9; Serial No. 221,866; published Nov. 24, 1925.

Adolphe Schloss Fils & Cie., Paris, France. Vases, plates, cups, etc., made of crockery. 208,687; Feb. 9; Serial No. 208,431; published Oct. 20, 1925.

Albany Perforated Wrapping Paper Co., Albany, N. Y. Dispensing cabinets. 52,287; renewed May 8, 1926.

Albertson, William Y., Philadelphia, Pa. Ponchos. 208,684; Feb. 9; Serial No. 217,381; published Nov. 3, 1925.

Aljo Manufacturing Co., The. (See Malchow, Frederick.)

Allen and Lowry, Big Spring, Tex. Liniment for the treatment of rheumatism. 208,777; Feb. 9; Serial No. 218,036; published Nov. 17, 1925.

Alliance Milling Company, The; Alliance Milling Co., Denton, Tex. Wheat flour. 52,525; renewed May 8, 1926.

Amendt Milling Co., Monroe, Mich. Wheat flour. 208,892; Feb. 9; Serial No. 214,112; published Nov. 24, 1925.

American Appliance Co., Cambridge, Mass. Rectifier tubes. 208,886; Feb. 9; Serial No. 219,101; published Oct. 20, 1925.

American Art Works, Incorporated, The, Coshocton, Ohio. Portable savings banks. 208,824; Feb. 9; Serial No. 219,468; published Nov. 24, 1925.

American Bosch Magneto Corporation, Springfield, Mass. Loud speakers for radio apparatus. 208,844; Feb. 9; Serial No. 219,568; published Oct. 20, 1925.

American Caramel Company, York, Pa. Candy. 208,858; Feb. 9; Serial No. 219,929; published Nov. 24, 1925.

American Casul Company. (See Knudsen, Carl B.)

American Crayon Co., The, Sandusky, Ohio. Crayons. 52,898–9; renewed May 22, 1926.

American Knitwear Company, New York, N. Y. Sweaters, bathing suits, scarfs, dresses, etc. 208,670; Feb. 9; Serial No. 215,397; published Nov. 3, 1925.

American Lace Paper Co., Milwaukee, Wis. Paper napkins. 208,965; Feb. 9.

American-La France Fire Engine Co., assignor to American-La France Fire Engine Company, Inc., Elmira, N. Y. Fire extinguishers. 53,839; renewed June 12, 1926.

American Milling Company, Peoria, Ill. Dairy feed. 208,857; Feb. 9; Serial No. 218,151; published Nov. 24, 1925.

American Oak Leather Company, The, Cincinnati, Ohio. Leather for harness and saddlery. 53,135; renewed May 29, 1926.

American Stores Company, Philadelphia, Pa. Ammonia and bluing. 208,873; Feb. 9; Serial No. 220,823; published Nov. 24, 1925.

American Wringer Company, The, New York, N. Y., assignor to American Wringer Company, Inc., Woonsocket, R. I. Clothes wringers and the parts composing the same. 52,406; renewed May 8, 1926.

American Wringer Company, The, New York, N. Y., assignor to American Wringer Company, Inc., Woonsocket, R. I. Wringers. 52,689; renewed May 15, 1926.

Ames Shovel and Tool Company. (See St. Louis Shovel Co.)

Antikamnia Chemical Company, The, assignor to The Antikamnia Remedy Company, St. Louis, Mo. Remedy for certain named diseases. 47,939; renewed Nov. 28, 1925.

Antikamnia Chemical Company, The, assignor to The Antikamnia Remedy Company, St. Louis, Mo. Medicinal tablets. 48,062–4; renewed Dec. 5, 1925.

Antikamnia Chemical Company, The, assignor to The Antikamnia Remedy Company, St. Louis, Mo. Medicinal tablets. 48,189–91; renewed Dec. 12, 1925.

Armand Company, The, Des Moines, Iowa. Cleansing cream. 208,702; Feb. 9; Serial No. 214,229; published Nov. 17, 1925.

Armand Company, The, Des Moines, Iowa. Face powder. 208,879; Feb. 9; Serial No. 221,528; published Nov. 24, 1925.

Atlas Plywood Corporation, Boston, Mass. Cases, shooks, boxes, and tubs. 208,762; Feb. 9; Serial No. 220,634; published Nov. 24, 1925.

Aunt Jemima Mills Company. (See Topeka Milling Company, The, assignor.)

B. H. B. Laboratories, Lubbock, Tex. Preparation for use in treating the scalp, eczema, barber's itch, etc. 208,740; Feb. 9; Serial No. 221,637; published Nov. 17, 1925.

Babcock, A. P., Company, New York, N. Y. Face powders, face creams, rouges, hair tonics, etc. 208,792; Feb. 9; Serial No. 219,868; published Nov. 17, 1925.

Babcock, A. P., Company, New York, N. Y. Face powders, face creams and packs, rouges, perfumes, etc. 208,839; Feb. 9; Serial No. 221,872; published Nov. 24, 1925.

Bacon Banjo Co., Inc., The, Groton, Conn. Pick for stringed musical instrument. 208,911; Feb. 9; Serial No. 216,252; published Nov. 3, 1925.

Bailey, N. B., San Francisco, Calif. Supporting strap for saxophones. 208,909; Feb. 9; Serial No. 217,244; published Oct. 13, 1925.

Bakelite Corporation, New York, N. Y. Clock cases and watchcases. 208,910; Feb. 9; Serial No. 216,817; published Nov. 3, 1925.

Baker, Charles F., & Co.; Charles F. Baker & Co. Inc., Boston, Mass., successor. Wire nails. 49,583; renewed Feb. 13, 1926.

Ballantyne, James C., Lamoni, Iowa. Salves. 208,780; Feb. 9; Serial No. 217,916; published Nov. 17, 1925.

Ballou, B. A., & Co., Inc., Providence, R. I. Cuff buttons and links, buckles, key rings, etc. 208,865; Feb. 9; Serial No. 219,520; published Oct. 13, 1925.

Bar Merchandise Company. (See Rubenstein, Sol H.)

Barnes, Rose M., doing business as Barnes FacEase Co., Galveston, Tex., and Tulsa, Okla. Face lotion. 208,685; Feb. 9; Serial No. 217,386; published Nov. 17, 1925.

Basterreix, Pierre P., Butte, Mont. Electrical direction signal lamps and switches therefor for vehicles. 208,855; Feb. 9; Serial No. 218,444; published Oct. 20, 1925.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 208,672; Feb. 9; Serial No. 215,729; published Oct. 20, 1925.

Beatty, Bertha M., doing business as Big "6" Poultry Supply, Warren, Ohio. Remedy for the treatment of the diseases of poultry. 208,807; Feb. 9; Serial No. 219,107; published Nov. 17, 1925.

Becka, Frank E., doing business as Need-L-Light Company, Cleveland, Ohio. Sewing-machine lamps. 208,962; Feb. 9.

Becken, Albert C., Chicago, Ill., assignor to William L. Gilbert Clock Company, Winsted, Conn. Alarm clocks. 49,027; renewed Jan. 23, 1926.

Bendix & Fiber, Inc., New York, N. Y. Silk, artificial silk, and mixtures of silk, cotton, and wool piece goods. 208,675; Feb. 9; Serial No. 216,497; published Nov. 17, 1925.

Bendix & Fiber, Inc., New York, N. Y. Silk piece goods. 208,698; Feb. 9; Serial No. 212,667; Feb. 9; published Nov. 10, 1925.

Benson, William A., St. Louis, Mo. Liquid preparation for impure blood, scrofula, etc., a liniment for sprains, etc., and a liquid preparation for coughs and colds. 208,796; Feb. 9; Serial No. 219,799; published Nov. 17, 1925.

Bernheim, Röse, Pfersee-Augsburg, Bavaria, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Chemical finishing compound. 49,512; renewed Feb. 6, 1926.

Berry, J. Howard, & Son, Philadelphia, Pa. Radio diaries published periodically. 208,964; Feb. 9.

Best & Co., Inc., New York, N. Y. Sailor suits, half hose, gloves, etc. 208,677; Feb. 9; Serial No. 216,768; published Nov. 3, 1925.

Big Bill Bottling Company, Winston-Salem, N. C., assignor to Taylor-Long Company, Charlotte, N. C. Nonalcoholic, maltless, carbonated beverages. 208,691; Feb. 9; Serial No. 209,558; published Nov. 24, 1925.

Big "6" Poultry Supply. (See Beatty, Bertha M.)

Blum, Harry, doing business as Philip Blum & Company, Chicago, Ill. Whisky. 208,779; Feb. 9; Serial No. 217,917; published Nov. 24, 1925.

Bochmann, F. A., & Co., Inc., Philadelphia, Pa. Worsted and woolen dress goods. 208,797; Feb. 9; Serial No. 219,660; published Nov. 10, 1925.

Boney & Harper Milling Company, Inc., Wilmington, N. C. Table meal, choice grits, and hominy feed. 208,806; Feb. 9; Serial No. 219,220; published Nov. 17, 1925.

Bosch Food Products Co., Peoria, Ill. Malt extract. 208,826; Feb. 9; Serial No. 219,221; published Nov. 24, 1925.

Boston & Lowell Bottling Co., Boston, Mass. Beverage sold as a soft drink and sirup for making the same. 208,958; Feb. 9.

Bowden, J. B., & Co., New York, N. Y. Wedding rings. 208,847; Feb. 9; Serial No. 219,372; published Oct. 13, 1925.

Bradford Dyers' Association, Limited, The, Bradford, England. Woolen piece goods. 208,755; Feb. 9; Serial No. 220,839; published Nov. 10, 1925.
Brown, John I. & Son; Arthur R. Robertson, trustee, doing business as John I. Brown & Son, Cambridge and Boston, Mass. Medicated lozenges. 48,539; renewed Jan. 2, 1926.
Brown, John I., & Son; Arthur R. Robertson, trustee, doing business as John I. Brown & Son, Cambridge and Boston, Mass. Medicated lozenges. 48,678; renewed Jan. 9, 1926.
Budd, Edwin R., Cleveland, Ohio. Preparation for the treatment of asthma, hay fever, and catarrh. 208,681; Feb. 9; Serial No. 217,006; published Nov. 17, 1925.
Burnett, Joseph, Co., Boston, Mass. Color pastes. 53,316; renewed May 29, 1926.
C. P. Chemical & Drug Co., Inc., New York, N. Y. Pharmaceutical preparations for human use and veterinary purposes. 208,658; Feb. 9; Serial No. 198,937; published Nov. 17, 1925.
California Bleaching Water Co., San Francisco, Calif. Bleaching water. 208,746; Feb. 9; Serial No. 221,406; published Nov. 17, 1925.
California Land & Products Corp., Oakland, Calif. Fresh grapes. 208,897; Feb. 9; Serial No. 203,110; published Nov. 24, 1925.
California Packing Corporation. (See Sunlit Fruit Company, assignor.)
Camel Company, assignor, by mesne assignments, to Camel Company, Chicago, Ill. Trimmings for freight-car doors. 50,872; renewed Apr. 3, 1926.
Camel Company, assignor, by mesne assignments, to Camel Company, Chicago, Ill. Freight-car-door hangers, fasteners, and guide brackets. 50,896; renewed Apr. 3, 1926.
Caplan, Sidney, doing business as Sid's Remedy Co., Chicago, Ill. Remedy used in the treatment of rheumatism. 208,667; Feb. 9; Serial No. 215,133 published Nov. 17, 1925.
Carreras & Marcinnus Cigarettes, Limited, assignor to Carreras, Limited, London, England. Cigarettes. 48,240; renewed Dec. 19, 1925.
Carter, H. W., & Sons, Lebanon, N. H. Overalls. 50,146; renewed Mar. 6, 1926.
Carter Medicine Company, New York, N. Y. Pills. 53,591; renewed June 5, 1926.
Centerville Gypsum Company, Centerville, Iowa. Agricultural gypsum. 208,866; Feb. 9; Serial No. 220,110; published Nov. 24, 1925.
Certain-teed Products Corporation, New York, N. Y. Electrical storage batteries and spark plugs. 208,853; Feb. 9 Serial No. 218,469; published Oct. 13, 1925.
Champagne, Mrs. Eraste, Lafayette, La. Ointment for the treatment of piles. 208,742; Feb. 9; Serial No. 221,597; published Nov. 17, 1925.
Charland, Victor, Chippewa Falls, Wis. Hair tonic. 208,791; Feb. 9; Serial No. 219,876; published Nov. 24, 1925.
Chayes System Laboratories, Inc., New York, N. Y. Grinding or cutting points or wheels such as are used by dentists. 208,898; Feb. 9; Serial No. 202,858; published Nov. 24, 1925.
Chayes System Laboratories, Inc., New York, N. Y. Grinding or cutting points or wheels such as are used by dentists. 208,899; Feb. 9; Serial No. 202,857; published Nov. 24, 1925.
Chayes System Laboratories, Inc., New York, N. Y. Grinding or cutting points such as are used by dentists. 208,900; Feb. 9; Serial No. 202,855; published Nov. 24, 1925.
Chemical Foundation, Incorporated, The. (See Bernheim, Rose, assignor.)
Chemical Foundation, Incorporated, The. (See Merck, E., assignor.)
Chemical Foundation, Incorporated, The. (See Müller, C. H. F., assignor.)
Cheramy, Inc., New York, N. Y. Perfumes, toilet water, face powder, rouge, bath salts, etc. 208,717; Feb. 9; Serial No. 220,448; published Nov. 17, 1925.
Chicago Mail Order Company, Chicago, Ill. Cleansing cream, face cream and powder, cuticle remover, etc. 208,884; Feb. 9; Serial No. 221,877; published Nov. 24, 1925.
Christian Moerlein Brewing Co., The, Cincinnati, Ohio. Lager beer. 47,988; renewed Dec. 5, 1925.
Cit-Rbu Mfg. Co. (See Massion, John M.)
Claxton Chemical Company, Pittsburgh, Pa. Insecticides for dogs and cats. 208,868; Feb. 9; Serial No. 220,062; published Nov. 24, 1925.
Clinical Supplies, Incorporated, Pittsburgh, Pa. Vaginal and rectal irrigating apparatus. 208,933; Feb. 9; Serial No. 221,003; published Nov. 24, 1925.
Clover Leather Goods Co., Inc., New York, N. Y. Hand receptacles. 208,825 Feb. 9; Serial No. 219,325; published Nov. 17, 1925.
Cluett, Peabody & Co. Inc., Troy, N. Y. Dress and negligee shirts. 208,983; Feb. 9.
Colonial Steel Company, Pittsburgh, Pa. Open-hearth, crucible, and electric steel plates, sheets, and bars. 208,841; Feb. 9; Serial No. 221,694; published Nov. 24, 1925.
Comet Textile Co. Inc., New York, N. Y. Fabric gloves and hosiery. 208,711; Feb. 9; Serial No. 202,240; published Nov. 18, 1924.
Comfort Powder Co., The, Boston, Mass. Hair tonic and shampoo preparations. 208,880; Feb. 9; Serial No. 221,598; published Nov. 24, 1925.
Commercial Shirt Co. (See Horowitz, Oscar.)
Continental Baking Company, Wilmington, Del., and Norristown, Pa. Bread. 208,842; Feb. 9; Serial No. 221,240; published Nov. 24, 1925.
Cooper Corporation, The, Cincinnati, Ohio. Battery eliminators. 208,850; Feb. 9; Serial No. 218,797; published Oct. 20, 1925.
Cooper Hewitt Electric Company, Hoboken, N. J. Mercury-vapor lamps. 208,908; Feb. 9.
Cooper, Morris L., New York, N. Y. Ladies' dresses, skirts, and coats. 208,984; Feb. 9.
Coret, José, Habana, Cuba. Preparation for cleaning straw hats. 208,969; Feb. 9.
Craddock-Terry Company. (See Witt, Geo. D., Shoe Co.)
Crescent Dental Mfg. Co., Chicago, Ill. Alloy for making models and filling of teeth. 208,893; Feb. 9; Serial No. 213,367; published Nov. 24, 1925.
Crescent Macaroni & Cracker Co., assignor to Crescent Macaroni & Cracker Co., Davenport, Iowa. Macaroni, spaghetti, vermicelli, and noodles. 53,438; renewed June 5, 1926.
Crow, M. S., Inc., Shanghai, China; Chicago, Ill.; and Santa Barbara, Calif. Shensi chests, lacquered chairs and tables. 208,767; Feb. 9; Serial No. 206,828; published Nov. 10, 1925.
Curtiss Candy Co., The, Chicago, Ill. Candy and candy bars. 208,782; Feb. 9; Serial No. 217,820; published Nov. 24, 1925.
D. X. Instrument Company, Harrisburg, Pa. Radio receiving sets. 208,854; Feb. 9; Serial No. 218,454; published Oct. 13, 1925.
Danda Halpern Co. Inc., New York, N. Y. Linen centerpieces and doilies, scarfs, tablecloths, etc. 208,761; Feb. 9; Serial No. 220,646; published Nov. 24, 1925.
Davidson, Arthur E., Chicago, Ill. Ukuleles and banjo ukes. 208,920; Feb. 9; Serial No. 208,512; published Nov. 3, 1925.
Davis, Rose & Co., Ltd., Boston, Mass. Cough medicine. 208,885; Feb. 9; Serial No. 221,882; published Nov. 24, 1925.
Decker, Alfred, & Cohn, Inc., Chicago, Ill. Clothing. 208,938; Feb. 9; Serial No. 213,010; publication waived.
De Grazia, John, doing business as Library of Classic Thought, Chicago, Ill. Framed mottoes. 208,981; Feb. 9.
Delamater, George R., Cleveland, Ohio. Gravimetric testing apparatus and parts thereof. 208,932; Feb. 9; Serial No. 221,051; published Nov. 24, 1925.
Deltox Grass Rug Company, Oshkosh, Wis. Wool-fiber rugs. 208,949; Feb. 9.
Dennison & Sons, New York, N. Y.; Dennison & Sons, Inc., Long Island City, N. Y., successor. Certain named paper. 48,654; renewed Jan. 9, 1926.
De Zeng Standard Co., Camden, N. J. Eye-examining instruments. 208,905; Feb. 9; Serial No. 173,627; published Nov. 24, 1925.
Disston, Henry, & Sons, Incorporated, Tacony, Philadelphia, Pa. Saws. 53,678; renewed June 12, 1926.
Disston, Henry, & Sons, Incorporated, Tacony, Philadelphia, Pa. Saws. 53,699–700; renewed June 12, 1926.
Disston, Henry, & Sons, Incorporated, Tacony, Philadelphia, Pa. Saws. 53,702; renewed June 12, 1926.
Disston, Henry, & Sons, Incorporated, Tacony, Philadelphia, Pa. Saws. 53,752; renewed June 12, 1926.
Dort, Elizabeth, Buffalo, N. Y. Stomachic and carminative. 52,170; renewed May 1, 1926.
Doulton & Co. Limited, Lambeth, London, England. Pottery, earthenware, and china. 50,411; renewed Mar. 13, 1926.
Dunn, John S., Philadelphia, Pa. Electrical relay switches, pouring ladles, and heating apparatus. 208,912; Feb. 9; Serial No. 215,387; published Oct. 13, 1925.
Dunn, John S., Philadelphia, Pa. Electrical relay switches, pouring ladles, and heating apparatus. 208,913; Feb. 9; Serial No. 215,003; published Oct. 13, 1925.
Dysco Chemical Company Inc., Union City, N. J. Non-alcoholic, maltless extract for making soft drinks. 208,939–40; Feb. 9.
Dysco Chemical Company Inc., Union City, N. J. Non-alcoholic, maltless extract for making soft drinks. 208,985; Feb. 9.
Edgett-Burnham Company. (See Wayne County Preserving Co.)
Eesley, J. F., Milling Co., Plainwell, Mich. Corn meal and flour. 208,716; Feb. 9; Serial No. 220,512; published Nov. 17, 1925.
Electrad, Inc., New York, N. Y. Radio equipment. 208,922; Feb. 9; Serial No. 206,286; published Oct. 13, 1925.
Electrad, Inc., New York, N. Y. Variable-resistance units for controlling electric circuits. 208,923; Feb. 9; Serial No. 206,284; published Nov. 3, 1925.
Electrical Research Laboratories, Inc., Chicago, Ill. Radio receiving sets, loud speakers and units, transformers, etc. 208,959; Feb. 9.
Electro Dental Manufacturing Co., Philadelphia, Pa. Dental equipment. 208,878; Feb. 9; Serial No. 220,220; published Nov. 24, 1925.

Elliot, Greene & Co., Inc., New York, N. Y. Artificial-silk yarn, pure-silk yarn, and cotton yarns and tinsel thread. 208,733; Feb. 9; Serial No. 221,953; published Nov. 24, 1925.
Erie Brewing Company. (See Koehler, Jackson.)
Excelsior Needle Company, assignor to The Torrington Company, Torrington, Conn. Sewing-machine needles. 52,659–60; renewed May 15, 1926.
Excelsior Needle Company, assignor to The Torrington Company, Torrington, Conn. Needles. 53,544; renewed June 5, 1926.
Faurant, Jean, Paris, France. Cigarette paper. 208,816; Feb. 9; Serial No. 221,359; published Nov. 17, 1925.
Fausch, Franklin L., Evansville, Ind. Radio apparatus. 208,951; Feb. 9.
Favorite Phonograph Manufacturing Company, The (See Waterson, May.)
Federal Gauge Co., The, Chicago, Ill. Lead wires for electrical connections to mercury-tube switches. 208,852; Feb. 9; Serial No. 218,602; published Nov. 10, 1925.
Fenton's, Dr., Vigor-Tone Co. Inc., Cedar Rapids, Iowa. Ration-balancing preparation for livestock feed. 208,759; Feb. 9; Serial No. 220,712; published Nov. 17, 1925.
Fidelity Tire & Rubber Company, Massillon, Ohio. Automobile tires. 208,946; Feb. 9.
Fidler, Charles E., Kankakee, Ill. Insecticides. 208,838; Feb. 9; Serial No. 221,360; published Nov. 17, 1925.
Field and Flint Co. (See Packard & Field, assignor.)
Film Booking Offices of America, Inc., New York, N. Y. Motion-picture films. 208,927; Feb. 9; Serial No. 220,892; published Nov. 24, 1925.
Fine, M., & Sons, New York, N. Y. Jackets, boys' blouses, shirts, overalls, underwear, etc. 208,765; Feb. 9; Serial No. 217,506; published Nov. 3, 1925.
Fiodorowsky, Gregory, Roxbury, Mass. Palliative for intestinal asthma, indigestion, pain and cramps, etc. 208,730; Feb. 9; Serial No. 220,065; published Nov. 24, 1925.
Fitchmul Company, The; A. Perley Fitch Company, Concord, N. H., successor. Preparations for diseases of the digestive organs. 46,226; renewed Sept. 12, 1925.
Fluegelman, N., & Co., Inc., New York, N. Y. Silk and cotton fabric. 208,669; Feb. 9; Serial No. 215,297; published Nov. 17, 1925.
Food Flavour Preservation Process Limited, Leigh-on-Sea, England. Bags made of material impermeable to air. 208,682; Feb. 9; Serial No. 217,081; published Nov. 24, 1925.
Ford, J. B., Company, The, Wyandotte, Mich. Concentrated ash and tanners' alkali. 208,724; Feb. 9; Serial No. 220,224, published Nov. 17, 1925.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 208,785–6; Feb. 9; Serial Nos. 217,608–9; published Nov. 17, 1925.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 208,820; Feb. 9; Serial No. 221,311; published Nov. 24, 1925.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 208,821; Feb. 9; Serial No. 221,309; published Nov. 24, 1925.
Fox, Ann, Corporation, assignor to Loft, Incorporated, New York, N. Y. Candy. 208,943; Feb. 16.
Franco-Italian Packing Co., Inc., East San Pedro, Calif. Canned fish. 208,953–4; Feb. 9.
Franken, Eugene H., New York, N. Y. Depilatory. 208,771; Feb. 9; Serial No. 218,911; published Nov. 24, 1925.
Franklin Simon & Co., Inc., New York, N. Y. Perfumes, bath salts, cold creams, etc. 208,697; Feb. 9; Serial No. 212,432; published Nov. 17, 1925.
Fraser, Emmet F., Los Angeles, Calif. Golf clubs. 208,732; Feb. 9; Serial No. 219,957; published Nov. 24, 1925.
Fried, Mendelson & Company, New York, N. Y. Silk, cotton, and silk and cotton mixture piece goods. 208,896; Feb. 9; Serial No. 204,899; published Nov. 17, 1925.
G. & H. Barnett Company, Philadelphia, Pa. Flies and rasps. 49,472; renewed Feb. 6, 1926.
Gately Clothing Company, Chicago, Ill. Men's suits. 208,867; Feb. 9; Serial No. 220,067; published Nov. 10, 1925.
Gilbert, William L., Clock Company. (See Becken, Albert C., assignor.)
Gill Brothers Company, Steubenville, Ohio. Glass lamp chimneys, reflectors, and lantern globes. 208,754; Feb. 9; Serial No. 220,946; published Nov. 10, 1925.
Gillett Canning Company, Gillett, Wis. Canned peas, beans, and beets. 208,970; Feb. 9.
Gilpin, Langdon & Company, Incorporated, Baltimore, Md. Insect powder and liquid insecticide. 208,738; Feb. 9; Serial No. 221,742; published Nov. 24, 1925.
Glessner Company, The, Findlay, Ohio. Cough and croup remedy. 208,715; Feb. 9; Serial No. 220,521; published Nov. 17, 1925.
Goetz, M. K., Brewing Co., St. Joseph, Mo. Malt extracts. 53,405; renewed June 5, 1926.
Goldman, Harry W., doing business as The Harry W. Goldman Co., Baltimore, Md. Dresses, overskirts, waists, middy blouses, and sport coats. 208,947; Feb. 9.
Goodrich Electric Company, Chicago, Ill. Electric-lighting fixtures. 208,974; Feb. 9.
Gottlieb, Joseph, New York, N. Y. Watches, watch movements, and parts thereof. 208,966–7; Feb. 9.
Gould Cheese Company, Minneapolis, Minn. Sweet-cream cheese. 208,851; Feb. 9; Serial No. 218,754; published Nov. 24, 1925.
Grand Rapids Show Case Company, Grand Rapids, Mich. Show cases. 208,741; Feb. 9; Serial No. 221,607; published Nov. 24, 1925.
Grau, Mrs. Thea, doing business as Mme. Thea, New York, N. Y. Cleansing cream, face lotion, astringent cream, facial paste, and nutrient cream. 208,783; Feb. 9; Serial No. 217,804; published Nov. 17, 1925.
Greenbaum Bros. Inc., Chicago, Ill. Men's and young men's finished suits. 208,977; Feb. 9.
Greene, Tweed & Co., New York, N. Y. Belt couplings. 51,556; renewed Apr. 17, 1926.
Gripnstik Company, The, Dover, Ohio. Pliers and wrenches. 208,971; Feb. 9.
Groundulet Company, Newark, N. J. Electrical fittings. 208,846; Feb. 9; Serial No. 219,482; published Oct. 20, 1925.
Gulfy, New York, N. Y. Women's dresses, coats, and hats. 208,978; Feb. 9.
Haas Brothers Fabrics Corporation, New York, N. Y. Piece goods made of wool, silk, and cotton. 208,713; Feb. 9; Serial No. 220,527; published Nov. 10, 1925.
Haas Brothers Fabrics Corporation, New York, N. Y. Piece goods made of wool, silk, and cotton. 208,714; Feb. 9 Serial No. 220,525; published Nov. 10, 1925.
Haas Brothers Fabrics Corporation, New York, N. Y. Piece goods made of wool, silk, and cotton. 208,764; Feb. 9; Serial No. 220,528; published Nov. 10, 1925.
Haas Brothers Fabrics Corporation, New York, N. Y. Piece goods made of cotton, silk, and wool. 208,809; Feb. 9; Serial No. 221,253; published Nov. 10, 1925.
Hackmeier & Geringer, Inc., New York, N. Y. Ladies' dresses. 208,980; Feb. 9.
Hahlo & Solomon Inc., New York, N. Y. Artificial rayon silk fabrics. 208,679–80; Feb. 9; Serial Nos. 216,976–7; published Nov. 10, 1925.
Hale Company, San Francisco, Calif. Walnuts and peanuts. 208,673; Feb. 9; Serial No. 216,390; published Nov. 24, 1925.
Halff, M., & Bro., San Antonio, Tex. Bleached woven cotton cloth. 208,836; Feb. 9; Serial No. 221,116; published Nov. 10, 1925.
Hall, James H., Chicago, Ill. Preparation for the treatment of eczema, varicose veins, etc. 208,752; Feb. 9; Serial No. 221,057; published Nov. 17, 1925.
Harmony Creamery Company, Pittsburgh, Pa. Milk, buttermilk, and cream. 208,688–9; Feb. 9; Serial Nos. 208,654–5; published Nov. 17, 1925.
Heine & Co., New York, N. Y. Essential oils suitable for perfumery purposes. 208,700; Feb. 9; Serial No. 213,510; published Nov. 10, 1925.
Heine & Co., New York, N. Y. Essential oils suitable for perfumery purposes. 208,744; Feb. 9; Serial No. 221,487; published Nov. 17, 1925.
Hemingway & Company, Inc., Boundbrook, N. J. Poison for the potato bug, cotton worm, and canker worm, etc. 208,828; Feb. 9; Serial No. 231,178; published Nov. 17, 1925.
Heyer Duplicator Company, Inc., The, Chicago, Ill. Letter-duplicating machine. 208,683; Feb. 9; Serial No. 217,152; published Nov. 24, 1925.
Hickson-Young Company, Portland, Oreg. Fish bait. 208,705; Feb. 9; Serial No. 214,959; published Nov. 24, 1925.
Hidalgo Medicine Company, Inc., Los Angeles, Calif. Preparation for the blood. 208,823; Feb. 9; Serial No. 221,258; published Nov. 17, 1925.
Hillside Cotton Mills, La Grange, Ga. Rugs. 208,758; Feb. 9; Serial No. 220,717; published Nov. 10, 1925.
Hiscox Chemical Works, Patchogue, N. Y. Shampoos. 208,773; Feb. 9; Serial No. 218,700; published Nov. 24, 1925.
Hoffner, James T. S., doing business as O-Che-Co Chemical Co., Glenside, Pa. Face powders, face creams, rouges, perfumes, bath salts, etc. 208,819; Feb. 9; Serial No. 221,319; published Nov. 17, 1925.
Hohner, M., Inc., New York, N. Y. Mouth harmonicas and accordions. 208,908; Feb. 9; Serial No. 217,829; published Nov. 3, 1925.
Hollander Bros. Drug Co., Braddock, Pa. Medicinal preparation used as a mouth wash and gargle, also for the treatment of pyorrhea. 208,872; Feb. 9; Serial No. 221,967; published Nov. 24, 1925.
Hollingsworth & Whitney Company, Boston, Mass. Wrapping paper, paper bags, and paper sacks. 51,135–44; renewed Apr. 3, 1926.
Hollingsworth & Whitney Company, Boston, Mass. Writing paper. 51,145; renewed Apr. 3, 1926.
Holst, William H. C., doing business as Remo Chemical Co., Washington, D. C. Antacid and stomach corrective. 208,690; Feb. 9; Serial No. 208,706; published Nov. 24, 1925.
Homan, George J., doing business as Waterloo Chemical Laboratories, Waterloo, Iowa. Liquid and tablet treatment for poultry diseases, etc. 208,890; Feb. 9; Serial No. 216,392; published Nov. 24, 1925.

Hood Rubber Co., Boston; Hood Rubber Company, Watertown, Mass. Tennis shoes. 50,547; renewed Mar. 20, 1926.
Hopkins, Ferdinand T., assignor to Ferd. T. Hopkins, doing business as Ferd. T. Hopkins & Son, New York, N. Y. Face powder. 51,613; renewed Apr. 17, 1926.
Horowitz, Oscar, doing business as Commercial Shirt Co., New York, N. Y. Dresses, slip-overs, bloomers, underwear, etc. 208,903; Feb. 9; Serial No. 193,111; published Oct. 6, 1925.
Howland & Dewey Company, Los Angeles, Calif. Ready-mixed paints. 208,961; Feb. 9.
Humantone Company. (See Stivers, James J.)
Hungerford, U. T., Brass & Copper Co., New York, N. Y. Metal manufactures. 52,347; renewed May 8, 1926.
Huntley & Palmers, Ltd., Reading, England. Biscuits and cakes. 51,444; renewed Apr. 17, 1926.
International Player Roll Company, Inc., Brooklyn, N. Y. Music rolls and combination music and word rolls for use on player pianos. 208,888; Feb. 9; Serial No. 218,308; published Oct. 13, 1925.
Jackson, Theodore S., doing business as The Jackson Pharmacal Co., Rockford, Ill. Laxative. 208,674; Feb. 9; Serial No. 216,464; published Nov. 17, 1925.
Jacobs Realty Co., The, Clarksburg, W. Va., and Zanesville, Ohio. Real-estate bonds. 208,976; Feb. 9.
Jarratt, C. D., Company, The, San Antonio, Tex. Fresh Texas spinach. 208,895; Feb. 9; Serial No. 207,080; published Nov. 24, 1925.
Jensen, Alexander J., Los Angeles, Calif. Moving pictures. 208,859; Feb. 9; Serial No. 220,026; published Nov. 24, 1925.
Jewett Piano Co., Leominster; Jewett Piano Co., Boston, Mass. Pianos. 52,423; renewed May 8, 1926.
Johnson Educator Food Company, Cambridge, Mass. Biscuits. 208,924; Feb. 9; Serial No. 202,993; published Nov. 24, 1925.
Jones, Howard E., & Co., Baltimore, Md. Canned vegetables. 208,891; Feb. 9; Serial No. 214,552; published Nov. 17, 1925.
Jones, Witter and Company, The, Columbus, Ohio. Ladies' hosiery. 208,857; Feb. 9; Serial No. 201,563; published Oct. 14, 1924.
Kansas Flour Mills Company, The, Wichita, Kans. Wheat flour. 208,926; Feb. 9; Serial No. 220,901; published Nov. 24, 1925.
Kentucky Distilleries & Warehouse Co., New York, N. Y. Whisky. 208,929; Feb. 9; Serial No. 220,855; published Nov. 24, 1925.
Kic-Nic, Incorporated, New York, N. Y. Nonalcoholic, maltless vegetable-compound beverage containing coffee and sirup for making the same. 208,665; Feb. 9; Serial No 189,364; published Nov. 24, 1925.
King, C. G., & Company, Inc., Providence, R. I. Finger rings, ornamental pins, and brooches. 208,914; Feb. 9; Serial No. 214,553; published Oct. 13, 1925.
Kintz, Roslyn E., Terre Haute, Ind. Nail white, nail cleaner, hair restorer, and facial make-up cream. 208,804; Feb. 9; Serial No. 219,286; published Nov. 17, 1925.
Klass, Max, New York, N. Y. Watches, watchcases, and watch movements. 208,906–7; Feb. 9; Serial Nos. 218,062–3; published Nov. 3, 1925.
Knudsen, Carl B., doing business as American Casul Company, Philadelphia, Pa. Remedy for boils. 208,725; Feb. 9; Serial No. 220,192; published Nov. 17, 1925.
Koch, Rudolph C., New York, N. Y. Strings for pianofortes. 48,029; renewed Dec. 5, 1925.
Koehler, Jackson; The Erie Brewing Company, Erie, Pa., successor. Beer. 27,691; renewed Jan. 28, 1926.
Kummer, Upmann & Company, New York, N. Y. Cotton, silk, wool, and mixtures thereof piece goods. 208,805; Feb. 9; Serial No. 219,248; published Nov. 17, 1925.
L & B Hosiery Co., New York, N. Y. Hosiery. 208,871; Feb. 9; Serial No. 220,130; published Nov. 3, 1925.
Larrowe Milling Company, The, Detroit, Mich. Poultry feed. 208,869–70; Feb. 9; Serial Nos. 220,195–6; published Nov. 24, 1925.
Les Parfumes des Courtisanes. (See Martinat, Jean.)
Lester Piano Company, Philadelphia, Pa. Upright and grand pianos. 53,387; renewed June 5, 1926.
Lewis, A. H., Medicine Company, The, St. Louis, Mo. Medicines for the regulation to the liver and purification of the blood. 50,795; renewed Mar. 27, 1926.
Library of Classic Thought. (See De Grazia, John.)
Liebmann Breweries, Inc., Brooklyn, N. Y. Malt beverages. 208,710; Feb. 9; Serial No. 203,134; published Nov. 24, 1925.
Lilly, Eli, & Company, Indianapolis, Ind. Medicine or pharmaceutical preparation. 208,753; Feb. 9; Serial No. 221,070; published Nov. 17, 1925.
Lindström, Carl, Aktiengesellschaft, Berlin, Germany. Talking machines and parts thereof, phonographs and parts thereof, needles, records, etc. 208,917; Feb. 9; Serial No. 212,390; published Oct. 13, 1925.
Little Crow Milling Company, Warsaw, Ind. Buckwheat and wheat flour, pancake flour, and wheat flour. 208,763; Feb. 9; Serial No. 220,548; published Nov. 17, 1925.
Losee, Annie M., Glens Falls, N. Y. Liniment. 208,721; Feb. 9; Serial No. 220,290; published Nov. 17, 1925.
Loudonville Milling Company, The, Loudonville, Ohio. Wheat flour. 208,877; Feb. 9; Serial No. 220,459; published Nov. 24, 1925.
Luden, Wm. H., Inc., Reading, Pa. Candy. 208,706; Feb. 9; Serial No. 202,816; published Nov. 24, 1925.
Luzon Cigar Co. Inc. (See Morgenstern, Louis.)
Lynn Umbrella Mfg. Co., Boston, Mass. Umbrellas. 208,707; Feb. 9; Serial No. 202,998; published Nov. 24, 1925.
Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Pianos. 51,190; renewed Apr. 10, 1926.
Malchow, Frederick, doing business as The Aljo Manufacturing Co., New York, N. Y. Dyes and colors. 208,776; Feb. 9; Serial No. 218,072; published Nov. 17, 1925.
Manhattan Band Instrument Co. Inc., New York, N. Y. Ukuleles, banjo ukuleles, tenor banjos, etc. 208,849; Feb. 9; Serial No. 219,037; published Oct. 20, 1925.
Manville Jenckes Company, Pawtucket, R. I. Sheetings and drillings. 208,722–3; Feb. 9; Serial Nos. 220,242–3; published Nov. 10, 1925.
Marinat, Jean, doing business as Les Parfumes des Courtisanes, New York, N. Y. Face powders, face creams, perfumes, rouges, hair tonics, etc. 208,831; Feb. 9; Serial No. 221,127; published Nov. 17, 1925.
Marko, Paul M., doing business as Marko Storage Battery Co., Brooklyn, N. Y. Storage batteries. 208,952; Feb. 9.
Mar-O-Vel Company, Oklahoma City, Okla. Medicine for stomach, liver, and kidney trouble. 208,676; Feb. 9; Serial No. 216,620; published Nov. 10, 1925.
Marsden, J. E., Glass Works, Inc., Ambler, Pa. Household glassware, glass trays, automobile lenses, etc. 208,719; Feb. 9; Serial No. 220,351; published Nov. 10, 1925.
Masslon, John M., doing business as Cit-Rhu Mfg. Co., McKees Rocks, Pa. Compound for rheumatism, kidney, liver, and bladder trouble, constipation, etc. 208,693; Feb. 9; Serial No. 210,738; published Nov. 17, 1925.
Massolt Bottling Co., The, Minneapolis, Minn. Ginger ale. 208,778; Feb. 9; Serial No. 217,940; published Nov. 24, 1925.
Math-Ol Inflammacine Co., Inc., The, doing business as Oatex Laboratories, Rochester, N. Y. Face cream. 208,790; Feb. 9; Serial No. 219,900; published Nov. 24, 1925.
Maury-Cole Company, Memphis, Tenn. Coffee. 208,822; Feb. 9; Serial No. 221,266; published Nov. 24, 1925.
May, Lee J., Cairo, Ill. Men's and young men's clothing. 208,788–9; Feb. 9; Serial Nos. 217,571–2; published Oct. 20, 1925.
McFaddin, H. G., & Co., New York, N. Y. Portable electric-lighting fixtures, electric desk lamps, etc. 208,901; Feb. 9; Serial No. 202,069; published Nov. 3, 1925.
McGovern & McGovern, Seattle, Wash. Canned salmon. 208,745; Feb. 9; Serial No. 221,425; published Nov. 24, 1925.
Meller Drug Company, St. Louis, Mo. Specific for neuralgia and rheumatism. 51,500; renewed Apr. 17, 1926.
Merchants Coal Company, Baltimore, Md., assignor to Orenda Smokeless Coal Company, Boswell, Pa. Coal. 50,858; renewed Apr. 3, 1926.
Merck, E., Darmstadt, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Dipropyl-barbituric acid. 48,756; renewed Jan. 9, 1926.
Merck, E., Darmstadt, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Soluble thiosinamine compound for medicinal use. 49,160; renewed Jan. 23, 1926.
Metz, H. A., Laboratories, Inc., New York, N. Y. Dietetic preparation for diabetic patients. 208,818; Feb. 9; Serial No. 221,327; published Nov. 17, 1925.
Metzger, B., doing business as Portland Hair Co., Portland, Oreg. Pharmaceutical preparation used as a shampoo for the hair. 208,881; Feb. 9; Serial No. 221,666; published Nov. 24, 1925.
Meyer Brothers Coffee and Spice Company, St. Louis, Mo. Coffee. 52,209; renewed May 1, 1926.
Meyerhofer & Scharpf Aktiengesellschaft, Zurich, Switzerland. Chemical products for industrial, scientific, and photographic purposes. 208,883; Feb. 9; Serial No. 221,667; published Nov. 24, 1925.
Micke, W. G., Lodi, Calif. Fresh grapes. 208,894; Feb. 9; Serial No. 208,250; published Nov. 17, 1925.
Milberg, J. & S., New York, N. Y. Gowns, bloomers, step-ins, chemises, princess slips, and pantalets. 208,956; Feb. 9.
Miller Company, The, Meriden, Conn., and New York, N. Y. Glass globes and reflectors. 208,709; Feb. 9; Serial No. 203,738; published Nov. 17, 1925.
Miwogco Mineral Well & Sanitarium Co. Milan, Ind. Mineral water. 208,799; Feb. 9; Serial No. 219,543; published Nov. 24, 1925.
Mme. Thea. (See Grau, Mrs. Thea.)
Model Mill Company, Johnson City, Tenn. Plain wheat and self-rising flour. 208,861; Feb. 9; Serial No. 219,902; published Nov. 24, 1925.
Monitor Controller Company, Baltimore, Md. Rheostats. 208,957; Feb. 9.
Moore-Shafer Shoe Mfg. Co., Brockport, N. Y. Leather boots, shoes, oxfords, sandals, and slippers. 54,287; renewed June 26, 1926.

Morgenstern, Louis, doing business as The Luzon Cigar Co. Inc., Schnectady, N. Y. Cigars and cigarettes. 208,760; Feb. 9; Serial No. 220,665; published Nov. 24, 1925.
Mount Joy Chocolate & Confectionery Co., Mount Joy, Pa. Candy. 208,934; Feb. 9; Serial No. 221,329; published Nov. 24, 1925.
Mulford, H. K., Company, Philadelphia, Pa. Aseptic nasal emollient. 208,827; Feb. 9; Serial No. 221,189; published Nov. 17, 1925.
Mulford, H. K., Company, Philadelphia, Pa. Antispasmodic and nerve sedative. 208,834; Feb. 9; Serial No. 221 192; published Nov. 17, 1925.
Mulford, H. K., Company, Philadelphia, Pa. Aromatic milk of magnesia—Mulford. 208,835; Feb. 9; Serial No. 221,190; published Nov. 17, 1925.
Müller, C. H. F., Hamburg, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Vacuum tubes, X-ray tubes, and parts thereof. 48,934; renewed Jan. 16, 1926.
Mullin, George M., doing business as Mullin Laboratories, San Francisco, Calif. Liquid massage preparation. 208,930; Feb. 9; Serial No. 220,969; published Nov. 24, 1925.
Munson Supply Company, New York, N. Y. Cushion finger keys. 52,364; renewed May 8, 1926.
National Casket Co., Allegheny, Pa.; National Casket Company, Incorporated, Oneida, N. Y., successor. Burial caskets and casket attachments. 49,079; renewed Jan. 23, 1926.
Need-L-Light Company. (See Becka, Frank E.)
Nelson Knitting Company, Rockford, Ill. Hosiery. 208,661; Feb. 9; Serial No. 199,298; published Sept. 9, 1924.
Newberry Electric Corporation, Los Angeles, Calif. Electric irons, fans, toasters, percolators, and waffle irons. 208,955; Feb. 9.
New England Bedding Company, Boston, Mass. Beds, divans, couches, hammocks, and hammock stands. 208,701; Feb. 9; Serial No. 213,724; published Nov. 24, 1925.
New Jersey Coated Paper Co., Montclair, N. J. Surface-coated printing, writing, wrapping, book, and cover paper. 208,882; Feb. 9.
New Orleans Import Co. Ltd., New Orleans, La. Mixed teas. 53 492; renewed June 5, 1926.
Nicholson File Company, Providence, R. I. Files and rasps. 49,666; renewed Feb. 13, 1926.
North Bros. & Co., Baltimore, Md. Dress and negligee shirts. 208,944; Feb. 9.
Northwestern Consolidated Milling Company, The, Minneapolis, Minn., to The Northwestern Consolidated Milling Company, New York, N. Y. Wheat flour. 48,462–4; renewed Jan. 2, 1926
Oatex Laboratories. (See Math-Ol Inflammacine Co., Inc., The.)
O-Che-Co Chemical Co. (See Hoffner, James T. S.)
Ohio Brass Company, The, Mansfield, Ohio. Valves. 208,756; Feb. 9; Serial No. 220,793; published Nov. 17, 1925.
Ohio Confection Co., The, Cleveland, Ohio. Candy. 208,833; Feb. 9; Serial No. 221,198; published Nov. 24, 1925.
Oklahoma Furniture Manufacturing Co., Oklahoma City, Okla. Furniture. 208,803; Feb. 9; Serial No. 219,345; published Nov. 10, 1925.
Oklahoma Steel Castings Co., Tulsa, Okla. Steel castings. 208,889; Feb. 9; Serial No. 216,472; published Nov. 24, 1925.
Oneida Community Limited, Oneida, N. Y. Silver-plated flatware, tableware, cutlery, and hollow ware. 208,845; Feb. 9; Serial No. 219,550; published Nov. 10, 1925.
Orenda Smokeless Coal Company. (See Merchants Coal Company, assignor.)
Ormont Drug & Chemical Co., Inc., Long Island City, N. Y. Toilet powder. 208,815; Feb. 9; Serial No. 221,201; published Nov. 17, 1925.
Ormont Drug & Chemical Co., Inc., Long Island City, N. Y. Antiseptic dentifrice. 208,832; Feb. 9; Serial No. 221,199; published Nov. 17, 1925.
Osborn Paper Company, Marion, Ind. Writing paper and writing tablets. 208,960; Feb. 9.
Oshkosh Grass Matting Co., assignor to Deltox Rug Company, Oshkosh, Wis. Rugs, art squares, and mattings. 51,966; renewed Apr. 24, 1926.
Packard & Field, assignor, by mesne assignments, to Field and Flint Co., Brockton, Mass. Leather boots, shoes, and slippers and upper and sole leather. 49,480; renewed Feb. 6, 1926.
Pacolet Mfg. Co., Pacolet and Spartanburg, S. C., and New Holland, Ga. Cotton piece goods. 208,699; Feb. 9; Serial No. 212,957; published June 23, 1925.
Palmer, Solon, New York, N. Y. Perfumes. 208,817; Feb. 9; Serial No. 221,333; published Nov. 17, 1925.
Parfumerie Roger & Gallet, Paris, France. Toilet preparations and perfumery. 208,662–4; Feb. 9; Serial Nos. 199,084–6; published Nov. 17, 1925.
Park & Pollard Company, The, Boston, Mass. Poultry feed. 208,928; Feb. 9; Serial No. 220,862; published Nov. 24, 1925.
Patterson Sargent Co., The; The Patterson-Sargent Company, Cleveland, Ohio. Carbon paints. 51,407; renewed Apr. 17, 1926.
Peck Engraving Company, The, Cleveland, Ohio. Writing paper. 208,975; Feb. 9.
Pennsylvania Salt Mfg. Co., Philadelphia, Pa. Bicarbonate of soda. 53,936; renewed June 12, 1926.
People's Outfitting Co., Detroit, Mich. Radio receiving sets and parts thereof. 208,925; Feb. 9; Serial No. 200,639; published Jan. 6, 1925.
Phairmount Laboratories, Hackensack, N. J. Alkaline and antiseptic mouth, nose, and throat lotion. 208,735; Feb. 9; Serial No. 221,849; published Nov. 24, 1925.
Phillips Insulated Wire Co., assignor to Phillips Wire Company, Pawtucket, R. I. Insulated wires. 52,626; renewed May 15, 1926.
Pierce-Arrow Motor Car Company, The, Buffalo, N. Y. Unitary automotive vehicle electric systems and their parts. 208,904; Feb. 9; Serial No. 179,681; published Oct. 13, 1925.
Pike Manufacturing Company, The, Pike, Littleton, and Lisbon, N. H.; Hot Springs, Ark.; Orleans, La.; Evansville, Vt.; and New York, N. Y.; The Pike Manufacturing Company, Pike, N. H. Sharpening stones. 49,695; renewed Feb. 13, 1926.
Pittman, Herbert C., Cotulla, Tex. Green onions. 208,860; Feb. 9; Serial No. 219,908; published Nov. 24, 1925.
Plowman, Walter W., London, England. Selective colloidal kaolin for medicinal purposes. 208,882; Feb. 9; Serial No. 221,850; published Nov. 24, 1925.
Plymouth Cordage Company, Plymouth, Mass. Twine and binder twine. 48,714; renewed Jan. 9, 1926.
Portland Hair Co. (See Metzger, B.)
Potter Drug & Chemical Corporation, Boston, Mass.; Potter Drug & Chemical Corporation, Portland, Me., and Boston, Mass. Medicated and perfumed soap. 53,762; renewed June 12, 1926.
Potts, Horace T., & Co., Philadelphia, Pa. Tool steel. 208,936; Feb. 9; Serial No. 221,506; published Nov. 24, 1925.
Pray, J. Parker, Inc., New York, N. Y. Nail polish. 208,751; Feb. 9; Serial No. 221,876; published Nov. 17, 1925.
Progressive Musical Instrument Corporation, New York, N. Y. Ukuleles, banjo ukuleles, and mouth harmonicas. 208,921; Feb. 9; Serial No. 207,519; published Nov. 3, 1925.
Progressive Weaving Co., Camden, N. J. Laundry nets. 208,950; Feb. 9.
Providence Malt Co., Providence, R. I. Malt extracts. 208,937; Feb. 9; Serial No. 221,510; published Nov. 24, 1925.
Purafect Products Co. (See Weinstein, Harry.)
Queerpin Co., The, North Augusta, S. C. Medicine for tuberculosis. 208,743; Feb. 9; Serial No. 221,566; published Nov. 17, 1925.
Quintero, Joseph H., Paris, France. Perfume, toilet water, face powder, bath salts, rouges, etc. 208,750; Feb. 9; Serial No. 221,377; published Nov. 17, 1925.
Radio-Electric Mfg. Co. (See Spring, Samuel S.)
Rath, Emil, doing business as Vial & Uhlmann, Frankfort-on-the-Main, Germany. Medicinal hemorrhoidal preparations. 208,660; Feb. 9; Serial No. 200,961; published Nov. 17, 1925.
Reiss-Premier Pipe Co., New York, N. Y. Pipes, cigar and cigarette holders, and hookahs. 208,727; Feb. 9; Serial No. 220,141; published Nov. 10, 1925.
Remington Arms Company, Inc. (See Union Metallic Cartridge Company, The, assignor.)
Remo Chemical Co. (See Holst, William H. C.)
Renold, Hans, Limited, Didsbury, near Manchester, England. Guide bars and sprockets and sprocket wheels. 208,941; Feb. 9.
Renold, Hans, Limited, Didsbury, near Manchester, England. Driving chains and mortise chains. 208,942; Feb. 9.
Reynolds, James E., & Co., assignor to James E. Reynolds & Co., New York, N. Y. Carpet warps. 53,358; renewed May 29, 1926.
Rice-Stix Dry Goods Company, St. Louis, Mo. Hosiery. 51,535; renewed Apr. 17, 1926.
Rice-Stix Dry Goods Company, St. Louis, Mo. Hosiery. 51,596; renewed Apr. 17, 1926.
Rice-Stix Dry Goods Company, St. Louis, Mo. Shirts and sweater coats. 208,784; Feb. 9; Serial No. 217,634; published Nov. 3, 1925.
Rimmel, Eugene, Limited, London, England. Perfumed soap. 51,581; renewed Apr. 17, 1926.
Rimmel, Eugene, Limited, London, England. Perfumery. 51,638; renewed Apr. 17, 1926.
Roberts Remedies Company, The, Frankfort, Ind. Pile remedy in liquid form. 208,729; Feb. 9; Serial No. 220,088; published Nov. 24, 1925.
Robertson, Arthur R., trustee. (See Brown, John L., & Son.)
Robinson, Edw. E., New York, N. Y. Paint and varnish brushes. 208,678; Feb. 9; Serial No. 216,796; published Nov. 24, 1925.
Rosemary Manufacturing Company, Roanoke Rapids, N. C. Cotton damask. 52,962; renewed May 22, 1926.
Rosenthal, Simon, doing business as Wholesale Brokerage Co., New York, N. Y. Epsom salts, castor oil, tincture of iodine, borax, etc. 208,769; Feb. 9; Serial No. 206,495; published Nov. 17, 1925.
Rubenstein, Sol H., doing business as Bar Merchandise Company, New York, N. Y. Hair nets. 208,795; Feb. 9; Serial No. 219,846; published Nov. 10, 1925.

Ruppert, Jacob, Inc., New York, N. Y. Near beer. 208,875; Feb. 9; Serial No. 220,740; published Nov. 24, 1925.

St. Louis Shovel Co., St. Louis, Mo., assignor to Ames Shovel and Tool Company, Boston, Mass. Shovels, scoops, and spades. 53,991; renewed June 19, 1926.

Saxon China Company, The, Sebring, Ohio. Plates, cups, platters, bowls, and other tableware pottery. 208,737; Feb. 9; Serial No. 221,777; published Nov. 24, 1925.

Sayles Finishing Plants Inc., Salyesville, R. I. Cotton piece goods. 208,814; Feb. 9; Serial No. 221,208; published Nov. 10, 1925.

Schmid, Julius, Inc., New York, N. Y. Chinese dominoes, dice, poker chips, billiard tables, etc. 208,768; Feb. 9; Serial No. 206,639; published Nov. 24, 1925.

Schobie, Frank & Co., assignor to Frank Schoble & Co., Philadelphia, Pa. Hats and caps. 51,275; renewed Apr. 10, 1926.

Schulz, Fritz, Jun. Aktiengesellschaft, Leipzig, Germany, and Lincoln, N. J.; Fritz Schulz Jun. Aktiengesellschaft, Leipzig, Germany. Preparations for cleaning and polishing. 48,779; renewed Jan. 16, 1926.

Schulze, Erich, Hannover, Germany. Sterilizing solution for local anæsthesia and surgical purposes. 208,887; Feb. 9; Serial No. 218,337; published Nov. 24, 1925.

Schuster Company, The, Cleveland, Ohio. Candy. 208,774; Feb. 9; Serial No. 218,526; published Nov. 24, 1925.

Sherman, John H., doing business as Sherman Manufacturing Company, Houston, Tex. Tire-repair kit. 208,798; Feb. 9; Serial No. 219,647; published Nov. 24, 1925.

Shook, Guy A., Waco, Tex. Electrically-treated water. 208,802; Feb. 9; Serial No. 219,412; published Nov. 24, 1925.

Sid's Remedy Co. (See Caplan, Sidney.)

Siegel, Nathan, Brooklyn, N. Y. Undergarments, vests, nightgowns, etc. 208,671; Feb. 9; Serial No. 215,711; published Nov. 3, 1925.

Sliberstein Bros. Shirt Co., New York, N. Y. Dress shirts. 208,692; Feb. 9; Serial No. 209,819; published Aug. 4, 1925.

Simms, O., Manufacturing Co., New York, N. Y. Bench and seat cushions. 208,775; Feb. 9; Serial No. 218,216; published Nov. 24, 1925.

Skinner, William, Manufacturing Co., Holyoke and Boston, Mass.; New York, N. Y.; Chicago, Ill.; and Philadelphia, Pa., assignor to William Skinner & Sons, Holyoke, Mass., and New York, N. Y. Silk braids and mohair braids. 52,402; renewed May 8, 1926.

Skoglund & Olson Mfg. Co., St. Paul, Minn. Combination comb and hairbrush made as a unit. 208,876; Feb. 9; Serial No. 220,623; published Nov. 24, 1925.

Sloane, W. & J., Manufacturing Company, Trenton, N. J. Linoleums. 208,781; Feb. 9; Serial No. 217,837; published Nov. 17, 1925.

Smith, Elmer W., Inc., Seattle, Wash. Canned salmon. 208,812; Feb. 9; Serial No. 221,211; published Nov. 24, 1925.

Smith, Hogg & Co., New York, N. Y. Ginghams. 50,992; renewed Apr. 3, 1926.

Smokers Products, Inc., Newark, N. J. Tobacco cases or pouches. 208,830; Feb. 9; Serial No. 221,140; published Nov. 10, 1925.

Spencerian Pen Company, The, New York, N. Y. Metallic pens. 52,860; renewed May 22, 1926.

Spencerian Pen Company, The, New York, N. Y. Metallic pens. 53,378; renewed June 5, 1926.

Spring, Samuel S., doing business as Radio-Electric Mfg. Co., Newark, N. J. Insulated and uninsulated wire for electrical purposes. 208,973; Feb. 9.

Squibb, E. R., & Sons, New York, N. Y. Hypnotic. 208,813; Feb. 9; Serial No. 221,210; published Nov. 17, 1925.

Starry & Way, Exeter, Calif. Fresh grapes. 208,935; Feb. 9; Serial No. 221,389; published Nov. 24, 1925.

Stehli Silks Corporation, New York, N. Y. Silk piece goods. 208,811; Feb. 9; Serial No. 221,215; published Nov. 10, 1925.

Sterling Remedy Company, Jersey City, N. J. Medicine for tobacco habit and chronic constipation. 208,720; Feb. 9; Serial No. 220,327; published Nov. 17, 1925.

Stern, Joseph M., Co., The, Cleveland, Ohio. Decorative material made of woven goods and loose fibers and articles made therefrom. 208,945; Feb. 9.

Stern, L. & H., Inc., Brooklyn, N. Y. Smoking pipes, cigar holders, and cigarette holders. 208,736; Feb. 9; Serial No. 221,787; published Nov. 24, 1925.

Stevens, Joseph W., New York, N. Y. Substance for use in the treatment of syphilis. 208,695; Feb. 9; Serial No. 211,722; published Nov. 17, 1925.

Steward, George W., Co., Inc., New York, N. Y. Finger rings, brooches, bracelets, and pendants. 208,843; Feb. 9; Serial No. 219,610; published Nov. 3, 1925.

Stivers, James J., doing business as Humantone Company, New York, N. Y. Nasal wind musical instrument. 208,915; Feb. 9; Serial No. 214,288; published Nov. 3, 1925.

Stover Manufacturing & Engine Co., Freeport, Ill. Mop-sticks. 208,668; Feb. 9; Serial No. 215,102; published Nov. 24, 1925.

Strathmore Paper Company, Mittineague, Mass. Cover paper. 208,979; Feb. 9.

Sullivan Company, The, Memphis, Tenn. Composition for preserving and waterproofing canvas and cotton duck goods and similar fabrics. 208,794; Feb. 9; Serial No. 219,861; published Nov. 24, 1925.

Sunlit Fruit Company, assignor to California Packing Corporation, San Francisco, Calif. Certain named beverages and fruit juices. 52,434; renewed May 8, 1926.

Sunlit Fruit Company, assignor to California Packing Corporation, San Francisco, Calif. Jams, jellies, marmalades, preserved and conserved fruits. 54,183; renewed June 19, 1926.

Taylor-Long Company. (See Big Bill Bottling Company, assignor.)

Temple, O., Dyersburg, Tenn. Ointment. 208,931; Feb. 9; Serial No. 220,980 published Nov. 24, 1925.

Texas Citrus Fruit Growers Exchange, Mission, Tex. Grapefruit, satsumas, tangerines, oranges, and lemons. 208,829; Feb. 9; Serial No. 221,147; published Nov. 24, 1925.

Theall & Pile, Inc., New York, N. Y. Nonalcoholic, maltless beverages and extracts and flavors for making the same. 208,793; Feb. 9; Serial No. 219,864; published Nov. 24, 1925.

Thomas, R., & Sons Co., The, East Liverpool, Ohio. Electrical insulators, insulator fittings and pins. 208,848; Feb. 9; Serial No. 219,155; published Oct. 20, 1925.

Threefoot Bros. & Co., Meridian, Miss. Wheat flour. 49,923; renewed Feb. 20, 1926.

Tichner Bros., New York, N. Y. Hosiery. 208,963; Feb. 9.

Tide Water Oil Company, Bayonne, N. J., and New York, N. Y. Oil used in the treatment of woolen fabrics. 208,810; Feb. 9; Serial No. 221,218; published Nov. 17, 1925.

Tiffany, L. W., Winsted, Conn. Glass pin trays or holders. 208,696; Feb. 9; Serial No. 211,723; published Nov. 17, 1925.

Tone Brothers, Des Moines, Iowa. Coffees, teas, spices, extracts, flavoring seeds, and cornstarch. 208,659; Feb. 9; Serial No. 198,202; published Nov. 17, 1925.

Tootal Broadhurst Lee Company Limited, Manchester, England. Table napkins, tablecloths, sheets, and pillowcases. 208,718; Feb. 9; Serial No. 220,431; published Nov. 10, 1925.

Topeka Milling Company, The, Topeka, Kans., assignor, by mesne assignments, to Aunt Jemima Mills Company, St. Joseph, Mo. Self-rising or pancake flour. 49,359; renewed Jan. 30, 1926.

Torrington Company, The. (See Excelsior Needle Company, assignor.)

Tyndall, Letha B., St. Louis, Mo. Hair pomade, face powder, face cream, and talcum powder. 208,731; Feb. 9; Serial No. 220,090; published Nov. 17, 1925.

Truscon Steel Company, doing business as The Truscon Laboratories, Detroit and Hamtramck, Mich. Paints, enamels, stains, and varnishes. 208,686; Feb. 9; Serial No. 217,429; published Oct. 27, 1925.

Union Metallic Cartridge Company, The, Bridgeport, Conn., assignor to Remington Arms Company, Inc., Ilion and New York, N. Y., and Bridgeport, Conn. Gun and pistol cartridges and parts thereof. 49,617; renewed Feb. 13, 1926.

Union Metallic Cartridge Company, The, assignor to Remington Arms Company, Inc., Bridgeport, Conn., and Ilion and New York, N. Y. Gun and pistol cartridges and parts thereof. 49,619; renewed Feb. 13, 1926.

Union Special Machine Company, Chicago, Ill. Sewing machines and parts thereof. 49,361; renewed Jan. 30, 1926.

Union Thread Company, The, Cincinnati, Ohio. Thread. 208,739; Feb. 9; Serial No. 221,676; published Nov. 17, 1925.

United Oil & Natural Gas Products Corporation, The, Monroe, La. Carbon black. 208,948; Feb. 9.

United States Gypsum Company, Chicago, Ill. Plaster boards and plaster wall boards. 208,840; Feb. 9; Serial No. 221,860; published Nov. 24, 1925.

United States Match Corporation, The, Chicago, Ill. Matches. 208,766; Feb. 9; Serial No. 204,982; published Nov. 17, 1925.

Universal Products Co. Inc., The, Detroit, Mich. Universal joints and parts thereof. 208,800; Feb. 9; Serial No. 219,506; published Nov. 24, 1925.

Valvoline Oil Company, Edgewater, N. J., and New York, N. Y. Lubricating oils. 53,237; renewed May 29, 1926.

Vial & Uhlmann. (See Rath, Emil.)

Virol, Limited, London, England. Food preparation of bone marrow and malt. 54,216; renewed June 19, 1926.

Vivaudou, Victor, New York, N. Y. Face powders, face creams, perfumes, hair oils, rouges, nail polishes, etc. 208,708; Feb. 9; Serial No. 204,739; published Nov. 17, 1925.

Voigt & Co.; Voigt & Co., Chattanooga, Tenn., successor. Tonic cordial. 53,213; renewed May 29, 1926.

Voigt & Co.; Voigt & Co., Chattanooga, Tenn., successor. Aromatic sirup. 53,263; renewed May 29, 1926.

Von Rufs Ink Company, New Haven, Conn. Writing inks. 208,919; Feb. 9; Serial No. 209,184; published Nov. 3, 1925.

Voss, H. F., Company, Inc., Brooklyn, N. Y. Chili sauce, Worcestershire sauce, tomato catchup, and mayonnaise dressing. 208,757; Feb. 9; Serial No. 220,748; published Nov. 17, 1925.

Wachenheimer Bros., Inc., Providence, R. I. Breastpins, brooches, bracelets, and barrettes. 208,856; Feb. 9; Serial No. 218,440; published Nov. 3, 1925.

Wagner, Sebastian B., Mackay, Idaho. Face lotion. 208,728; Feb. 9; Serial No. 220,098; published Nov. 24, 1925.

Walbridge, Emma R., Babylon, N. Y. Sweaters and overblouses. 208,772; Feb. 9; Serial No. 218,885; published Nov. 3, 1925.

Warner Bros. Co., The; The Warner Brothers Company, Bridgeport, Conn. Hose supporters. 49,397; renewed Feb. 6, 1926.

Warner Bros. Co., The; The Warner Brothers Company, Bridgeport, Conn. Corsets. 50,063; renewed Feb. 27, 1926.

Warren Tool and Forge Co., The, Warren, Ohio. Chisels. 208,748; Feb. 9; Serial No. 221,396; published Nov. 17, 1925.

Warren Tool and Forge Co., The, Warren, Ohio. Mauls. 208,749; Feb. 9; Serial No. 221,395; published Nov. 17, 1925.

Washburn Crosby Company, Minneapolis, Minn. Wheat flour. 208,874; Feb. 9; Serial No. 220 813; published Nov. 24, 1925.

Waterloo Chemical Laboratories. (See Homan, George J.)

Waterson, May, doing business as The Favorite Phonograph Manufacturing Company, New York, N. Y. Phonographs. 208,918; Feb. 9; Serial No. 210,594; published Nov. 3, 1925.

Waverly Musical Products Co., Inc., New York, N. Y. Strings for violins, mandolins, guitars, etc. 208 902; Feb. 9; Serial No. 201,062; published Oct. 13, 1925.

Wayne County Preserving Co., assignor to Edgett-Burnham Company, Newark, N. Y. Canned fruits and vegetables. 53,297–8; renewed May 29, 1926.

Wedekind, H., & Co., Louisville, Ky. Evaporated peaches, canned salmon, corn, and pears. 208,862; Feb. 9; Serial No. 219,792; published Nov. 17, 1925.

Weinreich, Joseph, assignor to D. J. Weinreich, doing business as Joseph Weinreich, Dayton, Ohio. Cigars. 48,673; renewed Jan. 9, 1926.

Weinstein, Harry, doing business as Purafect Products Co., Brooklyn, N. Y. Preparation for perfuming, softening, and disinfecting water, cold cream, rouges, etc. 208,866; Feb. 9; Serial No. 184,949; published Nov. 17, 1925.

Weiss & Downs, New York, N. Y. Medicines. 208,787; Feb. 9; Serial No. 217,593; published Nov. 17, 1925.

Westerly Textile Company, The, Westerly, R. I. Draperies and dress goods. 208,712; Feb. 9; Serial No. 201,635; published Nov. 10, 1925.

Wetmore Company, S. H., The, New York, N. Y. Suspensory bandages and jock straps. 50,629; renewed Mar. 27, 1926.

Wheeling Steel Corporation, Wheeling, W. Va. Iron sheets and plates. 208,863; Feb. 9; Serial No. 219,650; published Nov. 24, 1925.

Wheeling Steel Corporation, Wheeling, W. Va. Steel sheets and plates. 208,864; Feb. 9; Serial No. 219,649; published Nov. 24, 1925.

White, S. S., Dental Mfg. Co., The, Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia; The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Investment and impression compounds. 53,362; renewed May 29, 1926.

White, S. S., Dental Mfg. Co., The, Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia; The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Polishing and abrading strips. 53,565; renewed June 5, 1926.

White, S. S., Dental Mfg. Co., The, Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia; The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Abrading disks, wheels, and points. 53,566; renewed June 5, 1926.

Whitman & Barnes Manufacturing Company, The, Akron, Ohio. Knife sections. 52,876; renewed May 22, 1926.

Whittlesey, Charles W., Co., The, New Haven, Conn. Cod-liver oil. 208,747; Feb. 9; Serial No. 221,399; published Nov. 17, 1925.

Wholesale Brokerage Co. (See Rosenthal, Simon.)

Wilson, Thos. E., & Co., Chicago, Ill. Baseball bats. 208,808; Feb. 9; Serial No. 219,097; published Nov. 24, 1925.

Windsor Manufacturing Co., Philadelphia, Pa. Woolen piece goods. 208,837; Feb. 9; Serial No. 221,082; published Nov. 24, 1925.

Witt, Geo. D., Shoe Co.; Craddock-Terry Company, Lynchburg, Va., successor. Leather boots and shoes. 53,419; renewed June 5, 1926.

Wittnauer, A., Co., New York, N. Y. Watches. 208,972; Feb. 9.

Wolo A. G. (Wolo Ltd.), Zurich, Switzerland. Pharmaceutical preparation. 208,694; Feb. 9; Serial No. 210,943; published Nov. 17, 1925.

Ybry, Inc., New York, N. Y. Perfumes, toilet water, bath salts, etc. 208,726; Feb. 9; Serial No. 220,160; published Nov. 17, 1925.

Zenith Radio Corporation, Chicago, Ill. Phonographs. 208,916; Feb. 9; Serial No. 213,822; published Nov. 3, 1925.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Adams Manufacturing Company, New York, N. Y. Adco. For Woven Textile Fabric Composed in Whole or in Part of Silk, Rayon, or Other Silk Substitute. 29,897; Feb. 9.

Atlas Brewing Company, Chicago, Ill. Atlas. For Ginger Ale. 29,898; Feb. 9.

Barnett, John G., Portland, Oreg. Barnett's Meadowlark Chocolates. For Chocolates. 29,899; Feb. 9.

Blue Ribbon Chemical Co., Kansas City, Mo. Blue Ribbon. For a Pharmaceutical Preparation. 29,900; Feb. 9.

Brandt, Albert, Trenton, N. J. Ben-Dix Ointment. For Ointment. 29,901; Feb. 9.

Buffalo Products Co., Inc., Buffalo, N. Y. Arabia Dry. For Ginger Ale. 29,902; Feb. 9.

Chero-Cola Company, Columbus, Ga. Nehi. For a Nonalcoholoc, Maltless, Noncereal Beverage Sold as a Soft Drink. 29,903; Feb. 9.

Chicks Sales Company. (See Menasha Printing and Carton Company, assignor.)

Coffeyville Creamery. (See Menasha Printing and Carton Company, assignor.)

Consumers Malted Milk Co., Inc., Brooklyn, N. Y. My Buddy. For Prepared Foods—Namely a Powder Adapted for Making Chocolate Malted-Milk Beverages. 29,904; Feb. 9.

Crouse, Lothaire E., doing business as Livingston Health Laborntories, Columbus, Ohio. Gipsy Health Tablets. For Gipsy Health Tablets. 29,905; Feb. 9.

Deneroff, Louis, doing business as Va-Ja Health Laboratories, Brooklyn, N. Y. Va-Ja. For an Antiseptic Powder. 29,906; Feb. 9.

Derma-Iodine Company, Dallas, Tex. Skin-I-Dine (the letter "I" not appearing, but being represented by a picture of the human eye). For Remedy for Fresh Cuts, Abrasions, Scratches, and Other Wounds. 29,907; Feb. 9.

Fletcher Works, Incorporated, Philadelphia, Pa. Breaks Ice Quick. For Ice Picks. 29,908; Feb. 9.

Frisch, Emile, Chicago, Ill. Frisch Process. For Bread. 29,909; Feb. 9.

Hickman & Coward, Buffalo, N. Y. Equity Sweet Cream Butter. For Butter. 29,910; Feb. 9.

Home Manufacturing Company. (See Meinhardt, H., & Company, Inc.)

Livingston Health Laboratories. (See Crouse, Lothaire E.)

Magnolia Products Co. (See Union Beverage Company, Inc.)

Maikels, Charles A., Montgomery, Ill. Clearsight. For a Glass Clearer and Polish. 29,911; Feb. 9.

Meinhardt, H., & Company, Inc., doing business as Home Manufacturing Company, Chicago, Ill. Quick Way 2 in 1 Hopmalt. For Malt Extract. 29,912; Feb. 9.

Menasha Printing and Carton Compny, Menasha, Wis., assignor to Coffeyville Creamery, Coffeyville, Kans. Gold Leaf. For Butter. 29,913; Feb. 9.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Chicks Sales Company, New York, N. Y. Chicks. For Eggs. 29,914; Feb. 9.

Muehlhauser, William W., Quakertown, Pa. Attracto. For Cigars. 29,915; Feb. 9.

Muehlhauser, William W., Quakertown, Pa. Peter Manning. For Cigars. 29,916; Feb. 9.

Muehlhauser, William W., Quakertown, Pa. El Comedor. For Cigars. 29,917; Feb. 9.

National Food Company, The, McPherson, Kans. Wheatone. For Cereal Breakfast Food. 29,918; Feb. 9.

Price Flavoring Extract Co., Chicago, Ill. Espiquet (S. P. K.). For Sauce. 29,919; Feb. 9.

Roeder, Victor L., Co., Philadelphia, Pa. Victrolac. For Lacquer. 29,920; Feb. 9

Scripture, Dr. I. E., Frankfort, Ind. Railroad Liniment. For Liniment. 29,921; Feb. 9

Southern Dairies, Inc., Miami, Fla. Dixie Queen. For Butter. 29,922; Feb. 9.

Svarstad, Iver, Minneapolis, Minn. Radio Kisses. For Candy. 29,923; Feb. 9.

Union Beverage Company, Inc., doing business as Magnolia Products Co., New Orleans, La. Magnolia. For Malt Sirup. 29,924; Feb. 9.
Va-Ja Health Laboratories. (See Deneroff, Louis.)
Wax Wrap Paper Co., Dallas, Tex. Whole Wheat Bread. For Bread. 29,925; Feb. 9.
Wortendyke Manufacturing Co., Richmond, Va. Town Talk. For Self-Opening Paper Bags. 29,926; Feb. 9.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Brandt, Albert, Trenton, N. J. Ben-Dix Ointment. For Ointment. 8,558; Feb. 9.
Century Mail Order Company, The. (See Wilson, George C.)
Cream of Wheat Co., Minneapolis, Minn. When 3,000 Mothers Made This Startling Discovery About Their Children. For Wheat Breakfast Food. 8,559; Feb. 9.
Crown Overall Mfg. Company, The, Cincinnati, Ohio. The Million Dollar Overall. For Overalls. 8,560; Feb. 9.
Edison Lamp Works of G. E. Co., Harrison, N. J. Edison Mazda Lamps. For Edison Mazda Lamps. 8,561; Feb. 9.
Interwoven Stocking Company, New Brunswick, N. J. Interwoven Socks For Christmas. For Hosiery. 8,562; Feb. 9.
Mills Novelty Company, Chicago, Ill. Ok Vens. For Candy and Confectionery. 8,563; Feb. 9.
National Association of Sheet Metal Contractors of the United States, Camden, N. J., and Philadelphia, Pa. Use Sheet Metal For Beauty and Permanence. For Sheet Metal. 8,564; Feb. 9.
Republic Brass Company, The, Cleveland, Ohio. The Modern Plumber. For Plumbing Fixtures. 8,565; Feb. 9.
Wilson, George C., doing business as The Century Mail Order Company, Tyrone, Pa. Boys and Girls Earn Easy Christmas Money. For Christmas Seals. 8,566; Feb. 9.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Albersheim, Dr. M., Frankfort-on-the-Main, Germany. Manicure preparations. 218,889; Feb. 9.
Alcone Knitting Mills, San Francisco, Calif. Knitted fabric. 221,299; Feb. 9.
Aloe, A. S., Co., St. Louis, Mo. Electrotherapeutic outfits and cabinets. 223,358; Feb. 9.
Amaranth Fabrics, Inc., New York, N. Y. Woven fabrics of silk, artificial silk, and combinations thereof. 224,738; Feb. 9.
American Automobile Digest. (See Rosenthal, Edward.)
American Beauty Macaroni Co. (See Kansas City Macaroni & Importing Co.)
American Chicle Company, Long Island City, N. Y. Chewing gum. 224,854; Feb. 9.
American Fruit Growers Incorporated, Wilmington, Del., and Pittsburgh, Pa. Fresh citrous and deciduous fruits, berries, grapes, etc. 217,060; Feb. 9.
American Maid Company, Chicago, Ill. Bloomers, princess slips, nightgowns, etc. 222,491; Feb. 9.
Appleton Company, Lowell, Mass. Wool and cotton piece goods. 225,546; Feb. 9.
Arrow Film Corporation, New York, N. Y. Lithographs, photographs, advertising cuts and mats, and press books. 169,998; Feb. 9.
Atlas Publishing Company, Inc., New York, N. Y. Weekly magazine. 222,725; Feb. 9.
Bailey, Edward W., Pittsburgh, Pa. Hairdressing. 224,647; Feb. 9.
Bailey, William A., Portland, Oreg. Shoe oil. 224,492; Feb. 9.
Bakelite Corporation, New York, N. Y. Cash boxes, acid-proof containers, vanity boxes, etc. 222,422; Feb. 9.
Baltimore Distilling Co., Baltimore, Md. Whisky. 224,540; Feb. 9.
Banner Wholesale Grocery Co., Chicago, Ill. Canned vegetables, fish, and fruit. 223,992; Feb. 9.
Barbasol Company, The, doing business as Barbasol Pharmaceutical Laboratories, Indianapolis, Ind. Tablet for relief of pain. 224,494; Feb. 9.
Beach, James, & Sons, Dubuque, Iowa. Bath salts. 223,993; Feb. 9.
Bear Mill Manufacturing Company, Inc., New York, N. Y. Short lengths of cotton, silk, woolen, or mixed materials. 224,374; Feb. 9.
Beatrice Creamery Company, Chicago, Ill., and Topeka, Kans. Butter. 222,777; Feb. 9.
Beaumont Hamshire Fig Company, Beaumont, Tex. Figs, fresh, canned, and preserved. 213,612; Feb. 9.
Becker, Edw. M., Company, The, Cleveland, Ohio. Candy. 224,227; Feb. 9.
Bedwell & Hamilton, Wenatchee, Wash. Compound for treating pyorrhea. 224,448; Feb. 9.
Bender, Walter C., St. Joseph, Mo. Medicinal preparations for the treatment of colds, la grippe, and flu. 222,302; Feb. 9.
Boon, W. J., & Company, Wormerveer, Netherlands. Chocolate confectionery for eating, drinking, and cooking. 219,525; Feb. 9.
Bradham Drug Company, New Bern, N. C. Medicine for use in the treatment of rheumatism, backache, and colds. 224,803; Feb. 9.
Brandwein, A., & Co., Chicago, Ill. Mattresses. 224,651; Feb. 9.
Camera Craft Publishing Company, San Francisco, Calif. Monthly magazine. 223,501; Feb. 9.
Caradine Hat Company, St. Louis, Mo. Men's hats. 224,902; Feb. 9.
Carter, J. W., Company, doing business as Service Shoe Co. Boots and shoes. 225,110; Feb. 9.
Certified Products Company, Chicago, Ill. Hairdressing. 207,653; Feb. 9.
Chase Metal Works, Waterbury, Conn. Brass and other pipe and tubing. 224,001; Feb. 9.
Chic-Knit Distributing Co., Leesport, Pa. Misses' and ladies' one-piece dresses. 205,196; Feb. 9.
Cohen, Otto J., New York, N. Y. Face powders, toilet waters, rouges, perfumes, etc. 224,595; Feb. 9.
Colorado Potato Grower's Exchange, Denver, Colo. Potatoes. 221,408–9; Feb. 9.
Connell, Edward J., New Orleans, La. Blood preparation for the treatment of carbuncles, boils, pimples, and such like ailments. 224,810; Feb. 9.
Coykendall, Inc., Berkeley, Calif. Canned fruits and dried fruits and canned vegetables. 221,241; Feb. 9.
Davidson, M. H., Company, The, New Haven, Conn. Blank pads, blank booklets, ruled booklets, etc. 221,481; Feb. 9.
Davies-Strauss-Stauffer Company, Easton, Pa. Tea, cocoa, rice, tapioca, etc. 221,354; Feb. 9.
Davis, Thomas, Far Rockaway, N. J. Hair and skin pomade. 223,770; Feb. 9.
Deerden Hosiery Mills, Inc., Philadelphia, Pa. Hosiery. 224,600; Feb. 9.
Directors of Maryville College, The, Maryville, Tenn. Bungalow aprons, dresses, slip-overs, waists. 206,884; Feb. 9.
Dixon, Joseph, Crucible Company, Jersey City, N. Y. Pencils. 224,191; Feb. 9.
Dodman, A. C., Jr., Inc., Hoboken, N. J. Wall paper. 223,772; Feb. 9.
Douglas Manufacturing Company, Crete, Nebr. Folding camp furniture. 224,082; Feb. 9.
Durham Hosiery Mills, Durham, N. C. Hosiery. 224,504; Feb. 9.
Duro Pump and Manufacturing Company, The, Dayton, Ohio. Pressure tanks. 220,506; Feb. 9.
Earl Fruit Company, San Francisco, Calif. Fresh deciduous fruits, citrous fruits, vegetables, and cantaloupes. 220,647; Feb. 9.
Eaton, Horace M., trustee, Lynn, Mass. Cord or ribbon binding. 222,446; Feb. 9.
Edelman, Ted., Inc., New York, N. Y. Women's wearing apparel. 216,827; Feb. 9.
Elco Paint Products, Inc., New York, N. Y. Paint enamels, flat white, varnishes, etc. 215,511; Feb. 9.
Endicott Johnson Corporation, Endicott N. Y. Rubber soles and bottoms for shoes. 225,084; Feb. 9.
Fairfield Manufacturing Co., Portland, Me. Ice boxes and refrigerators. 191,062; Feb. 9.
Famous-Barr Co. (See May Department Stores Company.)
Felber Biscuit Company, The, Columbus, Ohio. Crackers. 224,005; Feb. 9.
Filippone, B., & Co., Passaic, N. J. Macaroni and cottonseed oil. 224,701; Feb. 9.
Fine & Levy Inc., New York, N. Y. Boys' hats. 224,281; Feb. 9.
Fine, Samuel, doing business as Samuel Fine Co., Cincinnati, Ohio. Malt sirup for food purposes. 224,376; Feb. 9.
Foreman's Inc., Chicago, Ill. Men's suits. 224,556; Feb. 9.

Forst, Jacob, Packing Company, Inc., Kingston, N. Y. Ham, bacon, sausages, smoked beef, and pork. 214,542; Feb. 9.
Fort Howard Paper Company, Green Bay, Wis. Paper napkins, toilet paper, and paper towels. 224,603; Feb. 9.
Foster, William A., jr., doing business as University Candy Co., Milwaukee, Wis. Candy. 219,584; Feb. 9.
Fox's, Samuel, Sons Incorporated, doing business as La Porte Woolen Mills, La Porte, Ind. Fabrics made out of all cotton. 223,779–80; Feb. 9.
Frey Bros., Lodi, Calif. Fresh grapes. 205,521; Feb. 9.
Frost, George, Company, Boston, Mass. Men's garters. 224,660; Feb. 9.
Garry & Company, Inc., New York, N. Y. Hairdressing. 223,959; Feb. 9.
General Oil Corporation, Birmingham, Ala. Motor fuel composed of a blend of benzol and gasoline. 196,913; Feb. 9.
George-Adams Company, Chillicothe, Mo. Chocolate and peanut candy. 208,136; Feb. 9.
Gillett Canning Company, Gillett, Wis. Canned peas, beans, and beets. 224,012; Feb. 9.
Gilmore Oil Company, Los Angeles, Calif. Gasoline, kerosene, etc. 220,714; Feb. 9.
Globe Varnish Company, Chicago, Ill. Dry, paste, and ready-mixed paint, paint enamels, and varnishes. 210,519; Feb. 9.
Glovsilk Undergarment Co. Inc., New York, N. Y. Silk underwear and gloves of leather, rubber, fabric, or combinations thereof. 201,084; Feb. 9.
Golden State Asparagus Company, San Francisco, Calif. Canned asparagus. 214,151; Feb. 9.
Goldstein-Wilkins Corporation, New York, N. Y. Textile fabrics. 225,414; Feb. 9.
Goodall Worsted Co., Sanford, Me., and New York, N. Y. Mohair piece goods and piece goods of combinations of cotton, wool, mohair, alpaca, etc. 220,896; Feb. 9.
Goudey Gum Co., The, Allston, Mass. Chewing gum. 225,415–16; Feb. 9.
Grace, William J., Los Angeles, Calif. Medicines for external and internal use. 224,455; Feb. 9.
Guthrie Chemical Company, Altoona, Pa. Ointment used for the treatment of inflammation and the healing of cuts, etc. 210,234; Feb. 9.
Hahn & Livingston Packing Co., Exeter, Calif. Fresh grapes. 221,007; Feb. 9.
Halsey, George E., Inc., Chicago, Ill. Antiseptic disinfectant and deodorant compound. 220,852; Feb. 9.
Hamilton, Brown Shoe Company, St. Louis, Mo. Shoes. 225,185; Feb. 9.
Hanskat, Rose, doing business as Roschan Company, Chicago, Ill. Women's undergarments. 223,916; Feb. 9.
Hansson, Elof, Gottenborg, Sweden. Matches. 220,229; Feb. 9.
Harris, Frank E., Co. Inc., Binghamton, N. Y. Ammonia. 224,402; Feb. 9.
Hart, Schaffner & Marx, Chicago, Ill. Men's suits and coats. 224,560; Feb. 9.
Hartley, Wm. P., (London & Aintree) Limited, Aintree, Liverpool, and London, England. Jams, fruit preserves, vegetable preserves, marmalades, etc. 189,895–6; Feb. 9.
Hartung Brothers, New York, N. Y. Food-flavoring extracts and emulsions, etc. 223,170; Feb. 9.
Hastad, Armanda, New York, N. Y. Scalp salve and ointment and hand and face lotion. 222,378; Feb. 9.
Heintz Art Metal Shop, The, Buffalo, N. Y. Metal art goods. 219,033; Feb. 9.
Held, Frank, Tractor Co., The, Columbus, Ohio. Power cultivator. 221,960; Feb. 9.
Hoberg Paper & Fibre Company, Green Bay, Wis. Toilet paper. 219,743–4; Feb. 9.
Holden-Leonard Co., New York, N. Y. Worsted and woolen textile fabrics. 224,706; Feb. 9.
Hopper, M. D., Fresno, Calif. Fresh grapes. 220,303; Feb. 9.
Houbigant, Inc., New York, N. Y. Perfume. 210,556; Feb. 9.
I-L & Son. (See La Rosa, Ignazio.)
Independent Trunk & Bag Co., Petersburg, Va. Trunks, bags, and suitcases. 223,092; Feb. 9.
Ink-Out Manufacturing Co., The, Montclair, N. J. Fluid ink eradicator. 224,092; Feb. 9.
Inland Engineering Company, Chicago, Ill. Repair parts for trench-excavating machines, elevator buckets, etc. 221,704; Feb. 9.
Jack Frost Beverage Company, Monaca, Pa. Battery water. 224,093; Feb. 9.
Janitors' Supply House, Inc., Baltimore, Md. Disinfectant or deodorant compound. 209,793; Feb. 9.
Kageyama, Tetsujiro, doing business as Kageyama & Co., San Francisco, Calif. 223,094; Feb. 9.
Kalb Shoe Mfg. Co., Inc., Rochester, N. Y. Shoes. 224,916; Feb. 9.
Kansas City Macaroni & Importing Co., doing business as American Beauty Macaroni Co., Kansas City, Mo. Ready-cut macaronia. 224,711; Feb. 9.
Keen, Robinson & Company Limited, London, England. Barley. 210,125; Feb. 9.
Kennedy, E. N., Incorporated, New York, N. Y. Dress-suit cases, bags, trunks, and dressing cases. 223,921; Feb. 9.
Keuffel & Esser Company, Hoboken, N. J. Tracing paper. 223,524–6; Feb. 9.
King Features Syndicate, Inc., New York, N. Y. Cartoons in the form of a comic strip. 224,143; Feb. 9.
Klopfenstein, Arthur L., doing business as Star Billiard Company, Fort Wayne, Ind. Razor-strop dressing. 224,766; Feb. 9.
Kloster Steel Corporation, Chicago, Ill. Iron. 222,326; Feb. 9.
Kranz, Florence M., doing business as John Kranz, Chicago, Ill. Candies. 222,076; Feb. 9.
Kroger Grocery & Baking Co., Cincinnati, Ohio. Leaf lard and meats. 222,682; Feb. 9.
Lake Ariana Packing Co., Inc., Auburndale, Fla. Fresh oranges, tangerines, tangelos, lemons, limes, etc. 222,511; Feb. 9.
La Porte Woolen Mills. (See Fox, Samuel Sons Incorporated.)
Larabee Flour Mills Corporation, The, Kansas City, Mo. Wheat flour. 220,545–6; Feb. 9.
La Rosa, Ignazio, doing business as I-L & Son, Elmhurst, N. Y. Scalp and head preparation. 222,383; Feb. 9.
Laundry and Dry Cleaning Service, Inc., New Orleans, La. Magazine issued periodically. 223,965; Feb. 9.
Leaf Philip A., doing business as Leaf & Company, Chicago, Ill. Garments. 223,392; Feb. 9.
Lesher, Whitman & Co., Inc., New York, N. Y. Piece goods. 222,467; Feb. 9.
Lesquendieu, Inc., New York, N. Y. Lip sticks. 224,775; Feb. 9.
Levi, Jonathan, Co., Inc., Schenectady, N. Y. Soap and soap powder. 223,039; Feb. 9.
Lewis, G. B., Company, Watertown, Wis. Wooden bee-keepers' supplies. 218,924; Feb. 9.
Locke, Alfred T., Chicago, Ill. Fuel oils and lubricating oils. 224,567; Feb. 9.
Lorber, Charles, Louisville, Ky. Key pouches, cases, or containers. 224,029; Feb. 9.
Lufkin Rule Co., Saginaw, Mich. Folding rules. 222,262; Feb. 9.
Mabley and Carew Co., The, Cincinnati, Ohio. Hats. 219,750; Feb. 9.
Magda Laboratories, Memphis, Tenn. Laxative compound. 224,466; Feb. 9.
Magill, Samuel N., Inc., Philadelphia, Pa. Silk fabric. 225,367; Feb. 9.
Mallory Hat Company, The, Danbury, Conn. Hats. 199,374; Feb. 9.
Manheim, Armin, doing business as A. Manheim & Co., New York, N. Y. Ladies' and children's silk underwear. 224,568; Feb. 9.
Manning, William T., Waterbury, Conn. Stationery forms comprising commercial letterheads, mailing envelopes, etc. 221,749; Feb. 9.
Mansure, E. L., Company, Chicago, Ill. Fringes, braids, galloons, cords, etc. 219,974; Feb. 9.
Marbenk Co., New York, N. Y. Candies. 204,664; Feb. 9.
Marshall Field & Company, Chicago, Ill. Underhose. 216,523; Feb. 9.
May Department Stores Company, The, doing business as Famous-Barr Co., St. Louis, Mo. Tartar sauce, mayonnaise dressing, and Thousand Island dressing. 205,540; Feb. 9.
McCabe & Schoenholz, Inc., New York, N. Y. Leather pocketbooks. 223,856; Feb. 9.
Mexican Pecan Candy Co., Dallas, Tex. Candy and candy preparations. 223,588; Feb. 9.
Miller, J. P., Missoula, Mont. Pile salve. 220,152; Feb. 9.
Milliken, John T., & Company, St. Louis, Mo. Liquid antiseptic preparation, throat tablets, hydrogen peroxide, etc. 222,990; Feb. 9.
Moran, Mark, Seattle, Wash. Continuous-feed device for dispensing writing paper. 218,714; Feb. 9.
Morrell, John, & Co., Ottumwa, Iowa. Lard, shortening, and sausage. 223,251; Feb. 9.
Mutual Creamery Company, also doing business as The Mutual Stores, Oakland, Calif. Canned fruit and fish, butter, bread, ice cream, and eggs. 221,845; Feb. 9.
Nash Engineering Company, South Norwalk, Conn. House organ. 223,734; Feb. 9.
Nebraska Consolidated Mills Company, Omaha, Nebr. Wheat flour. 224,614; Feb. 9.
Neuhoff, Fred B., Company, Los Angeles, Calif. Canned fruits and vegetables. 224,825; Feb. 9.
Newport Rolling Mill Co., Newport, Ky. Corrugated culverts, plain conductor pipes, corrugated conductor pipes, etc. 219,343; Feb. 9.
Newport Rolling Mill Co., Newport, Ky. Corrugated metal sheets and plain metal sheets. 219,344; Feb. 9.
Nitrate Agencies Company, New York, N. Y. Fertilizer. 222,273; Feb. 9.
Northwest Paper Company, The, Cloquet, Minn. Envelope paper. 222,134; Feb. 9.
Nuodex Products Co., Inc., New York, N. Y. Device having the properties of repelling and exterminating moths, other insects, and rodents and of deodorizing, fumigating, etc. 224,346; Feb. 9.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Oaras Aprons, Inc., Chicago, Ill. Aprons and dresses. 224,290; Feb. 9.

Ohmer Fare Register Company, Dayton, Ohio. Mileage, time, and speed recording instruments, etc. 223,036; Feb. 9.

Pacific Coast Biscuit Company, The, Seattle, Wash. Crackers. 222,043; Feb. 9.

Parfumerie Roger et Gallet, Paris, France. Soaps. 224,261; Feb. 9.

Parker, Stearns & Company, Brooklyn, N. Y. Babies' rubber pants or bloomers. 224,616; Feb. 9.

Parloc Service Corporation, New York, N. Y. Locks and parcel lockers. 222,393; Feb. 9.

Pendleton Woolen Mills, Portland, Oreg. Textile blankets. 223,742; Feb. 9.

Perry Knitting Company, The, Perry, N. Y. Boys' and men's sweaters. 223,801; Feb. 9.

Philadelphia Jobbing Confectioners Association, The, Philadelphia, Pa. Candy. 222,340; Feb. 9.

Porter-Bede-Langtry Corporation, Chicago, Ill. Biweekly magazines. 224,045; Feb. 9.

Porter-Langtry Company, Chicago, Ill. Biweekly magazine. 224,047; Feb. 9.

Press Publishing Company, New York, N. Y. Title of a daily comic strip in Evening World newspaper. 223,802; Feb. 2.

Prince Dried Fruit Co., New York, N. Y. Dried fruits. 221,029; Feb. 9.

Purington, William A., doing business as W. A. Purington & Co., Dover-Foxcroft, Me. Medicinal preparation for use as a gargle, etc. 224,531; Feb. 9.

Puritest Silk Hosiery Corporation, Buffalo, N. Y. Hosiery. 224,620; Feb. 9.

Putnam, Robert E., New Iberia, La. Rice. 220,867; Feb. 9.

Ralston Purina Company, St. Louis, Mo. Chinaware bowls. 211,491; Feb. 9.

Read Drug & Chemical Co., The, Baltimore, Md. Face powders, toilet waters, rouges, perfumes, etc. 224,780; Feb. 9.

Reddaway, F., & Company Limited, Pendleton, Manchester, England. Hose. 223,333; Feb. 9.

Reed & Carnrick, Jersey City, N. J. Antidyspeptic preparation. 224,781; Feb. 9.

Reisman, Adolph, New York, N. Y. Precut bread. 224,625; Feb. 9.

Reynolds, Clarence D., Whittier, Calif. Liquid rouge for face and lips. 224,473; Feb. 9.

Richards, Ernest W., Durango, Colo. Automobile top dressings. 225,036; Feb. 9.

Ridenour-Baker Grocery Company, Kansas City, Mo. Food sirups. 216,219; Feb. 9.

Riedel, J. D., Aktiengesellschaft, Berlin-Britz, Germany. Spasmodic which is used for the treatment of tabes, etc. 221,638; Feb. 9.

Rieger, Paul, & Co., San Francisco, Calif. Perfume, toilet water, face powder, talcum, and rouge. 211,543; Feb. 9.

Rosehan Company. (See Hanskat, Rose.)

Rosenthal, Edward, doing business as American Automobile Digest, Cincinnati, Ohio. Monthly publication. 218,274; Feb. 9.

Royalty Sales Company, The, Washington, D. C. Liniment. 224,626; Feb. 9.

Runchey Grip Mfg. Co., San Francisco, Calif. Leather grips for golf clubs and tennis rackets. 210,810; Feb. 9.

Ryan, William J., Chicago, Ill. Pastry and confection designers. 220,474; Feb. 9.

Sand's Level & Tool Co., Detroit, Mich. Plasterers' hawks. 222,946; Feb. 9.

Sand's Level & Tool Co., Detroit, Mich. Darbies. 224,154; Feb. 9.

Schaefer, Chas., & Son, doing business as Vitality Salt Co., Brooklyn, N. Y. Bath salts. 221,727; Feb. 9.

Schanzenbach, John, doing business as State Importing & Sales Co., New York, N. Y. Manicure preparations, cuticle remover, cuticle salve, etc. 224,729; Feb. 9.

Schele, Arnold J., Cle Elum, Wash. Body deodorant. 224,534; Feb. 9.

Schreiber, Max, Chicago, Ill. Daily trade bulletin. 223,607; Feb. 9.

Security Manufacturing Company, Los Angeles, Calif. Carburizing compound. 224,426; Feb. 9.

Shepard Norwell Co., Boston, Mass. Newspaper columns. 221,641; Feb. 9.

Sherikjian, Paul A., Holyoke, Mass. Cooking fat and shortening. 219,352; Feb. 9.

Simon, S. S., Monterey, Calif. Bottled and canned sardines. 224,364; Feb. 9.

Skayef Ball Bearing Company, The, Hartford, Conn. Ball bearings, rings, washers, etc. 224,833; Feb. 9.

Smith, Carolyn S., doing business as Vitalized Water Process, New York, N. Y. Water for drinking purposes. 224,627; Feb. 9.

Smith & Scott Tobacco Co., Incorporated, Paducah, Ky. Smoking tobacco. 224,680; Feb. 9.

Societe d'Exploitation Brevets et d'Applications Industrielles, Nancy, France. Devices for determining the elastic and other properties of dough and other materials. 221,458; Feb. 9.

Society of Chemical Industry in Basle, Basel, Switzerland. Coal-tar colors. 224,840–1; Feb. 9.

Sommer, George, Doylestown, Pa. Butter. 223,665; Feb. 9.

Sperry Flour Company, San Francisco, Calif. Wheat flour. 224,628; Feb. 9.

Spiker, Joseph T., doing business as J. T. Spiker & Co., Chicago, Ill. Liquid bluing. 223,554; Feb. 9.

Standard Cloth Company, Inc., New York, N. Y. Cotton goods in the piece. 224,732; Feb. 9.

Star Billiard Company. (See Klopfenstein, Arthur L.)

State Importing & Sales Co. (See Schanzenbach, John.)

States Oil Company, Louisville, Ky. Lubricating oils and greases, gasoline, and kerosene. 224,733; Feb. 9.

Stora Kopparbergs Bergslags Aktiebolag, Falun, Sweden. Wrought and rolled iron and steel, raw bars, and blooms. 220,042–3; Feb. 9.

Strathmore Fruit Growers Association, Strathmore, Calif. Oranges. 215,222; Feb. 9.

Stromberg, Harvey, Detroit, Mich. Cleaners for carpets, rugs, furniture, and the like. 179,235; Feb. 9.

Stroock, S., & Co. Inc., New York, N. Y. Cashmere and wool cloth in the piece. 211,391; Feb. 9.

Stroock, S., & Co. Inc., New York, N. Y. Wool cloth in the piece. 211,393; Feb. 9.

Suriani, Salvatore L., New York, N. Y. Hair-remover preparation for removing hair from the human body. 223,667; Feb. 9.

Susquehanna Silk Mills, New York, N. Y. Silk and wool piece goods. 217,905; Feb. 9.

Sussfeld, Losch & Schimmel, New York, N. Y. Binoculars, including telescopes, opera, field, and marine glasses. 223,557; Feb. 9.

Sutherland & McMillan, Pittston, Pa. Canned fruits, berries, and vegetables. 187,784; Feb. 9.

Switch Plate Corporation, Norfolk, Va. Switch plates. 213,051; Feb. 9.

Thompson-Barlow Company, Inc., The, New York, N. Y. Massage device. 218,936; Feb. 9.

Tillman & Bendel, Inc., San Francisco, Calif. Canned corn. 210,023; Feb. 9.

Trippe, Barker & Co., New York, N. Y. Cotton piece goods, artificial-silk piece goods, and piece goods being mixtures of cotton and artificial silk. 224,634; Feb. 9.

Ullman-Levinthal Silks Corporation, New York, N. Y. Silk, artificial silk, cotton, or combinations thereof in the piece. 224,789; Feb. 9.

Underhay Oil Co., Boston, Mass. White oil primarily used in the preparation of cold cream. 224,848; Feb. 9.

Union Fruit Co. Inc., La Mesa, Calif. Fresh tomatoes. 224,849; Feb. 9.

United States Cartridge Company, New York, N. Y. Ammunition. 224,791; Feb. 9.

United States Products Corporation, San Jose, Calif. Canned fruits and canned vegetables. 225,211; Feb. 9.

University Candy Co. (See Foster, W. A., jr.)

Vitality Salt Co. (See Schaefer, Chas., & Son.)

Vitalized Water Process. (See Smith, Carolyn S.)

Wallace Barnes Company, The, Bristol, Conn. Springs used in cutlery, machinery, and tools, and parts thereof. 211,814; Feb. 9.

Wanderer-Werke vorm. Winklhofer & Jaenicke Aktiengesellschaft, Schonau, near Chemnitz, Germany. Typewriters, ribbon-inking machines, etc. 205,042; Feb. 9.

Washington Manufacturing Co., Nashville, Tenn. Overall jumpers, work shirts, work pants, etc. 215,764; Feb. 9.

West-Indische Import Compagnie, Amsterdam, Netherlands. Chocolate. 223,567; Feb. 9.

White, S. S., Dental Manufacturing Company, The, Philadelphia, Pa. Dental cement. 224,439; Feb. 9.

White, S. S., Dental Manufacturing Company, The, Philadelphia, Pa. Dental instruments. 224,440; Feb. 9.

Wilkins, John H., Co., Washington, D. C. Coffee. 214,298–301; Feb. 9.

Wilkins, John H., Co., Washington, D. C. Coffee. 214,303; Feb. 9.

Williams Tool Corporation, Erie, Pa. Threading machines. 223,674; Feb. 9.

Winer, M., & Co., Boston, Mass. Canned fruits and vegetables, coffee and tea, spices, etc. 219,051; Feb. 9.

Woodward & Lothrop, Washington, D. C. Writing paper and envelopes, correspondence cards and envelopes, etc. 224,168; Feb. 9.

Worumbo Manufacturing Company, Bath, Me. Labels and tags for articles of manufacture made from worumbo. 206,101; Feb. 9.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Boots, shoes, and slippers and upper and sole leather, Leather. Packard & Field. 49,480; renewed Feb. 6, 1926.

Coal. Merchants Coal Company. 50,858; renewed Apr. 3, 1926.

Leather for harness and saddlery. American Oak Leather Company. 53,135; renewed May 29, 1926.

CLASS 2.

Bags. Food Flavour Preservation Process Limited. 208,682; Feb. 9; Serial No. 217,081; published Nov. 24, 1925.

Burial caskets and casket attachments. National Casket Co. 49,079; renewed Jan. 23, 1926.

Cases, shooks, boxes, and tubs. Atlas Plywood Corporation. 208,762; Feb. 9; Serial No. 220,634; published Nov. 24, 1925.

Paper, paper bags, and paper sacks, Wrapping. Hollingsworth & Whitney Company. 51,135–44; renewed Apr. 3, 1926.

CLASS 3.

Receptacles, Hand. Clover Leather Goods Co. 208,825; Feb. 9; Serial No. 219,325; published Nov. 17, 1925.

CLASS 4.

Cleaning and polishing preparations. Fritz Schulz Jun. Aktiengesellschaft. 48,779; renewed Jan. 16, 1926.

Disks, wheels, and points, Abrading. S. S. White Dental Mfg. Co. 53,566; renewed June 5, 1926.

Polishing and abrading strips. S. S. White Dental Mfg. Co. 53,565; renewed June 5, 1926.

Preparation for cleaning straw hats. J. Coret. 208,969; Feb. 9.

Sharpening stones. Pike Manufacturing Company. 49,695; renewed Feb. 13, 1926.

Soap, Medicated and perfumed. Potter Drug & Chemical Corporation. 53,762; renewed June 12, 1926.

Soap, Perfumed. Eugene Rimmel Limited. 51,581; renewed Apr. 17, 1926.

CLASS 6.

Acid, Dipropyl-barbituric. E. Merck. 48,756; renewed Jan. 9, 1926.

Ammonia and bluing. American Stores Company. 208,873; Feb. 9; Serial No. 220,823; published Nov. 24, 1925.

Antacid and stomach corrective. W. H. C. Holst. 208,690; Feb. 9; Serial No. 208,706; published Nov. 24, 1925.

Antispasmodic and nerve sedative. H. K. Mulford Company. 208,834; Feb. 9; Serial No. 221,192; published Nov. 17, 1925.

Aseptic nasal emollient. H. K. Mulford Company. 208,827; Feb. 9; Serial No. 221,189; published Nov. 17, 1925.

Ash and tanners' alkali, Concentrated. J. B. Ford Company. 208,724; Feb. 9; Serial No. 220,224; published Nov. 17, 1925.

Bleaching water, California Bleaching Water Co. 208,746; Feb. 9; Serial No. 221,406; published Nov. 17, 1925.

Chemical finishing compound. R. Bernheim. 49,512; renewed Feb. 6, 1926.

Chemical products for industrial, scientific, and photographic purposes. Meyerhofer & Scharpf Aktiengesellschaft. 208,883; Feb. 9; Serial No. 221,667; published Nov. 24, 1925.

Cleansing cream. Armand Company. 208,702; Feb. 9; Serial No. 214,229; published Nov. 17, 1925.

Cleansing cream, face lotion, etc. Mrs. T. Grau. 208,783; Feb. 9; Serial No. 217,804; published Nov. 17, 1925.

Cod-liver oil. Charles W. Whittlesey Co. 208,747; Feb. 9; Serial No. 221,399; published Nov. 17, 1925.

Colloidal kaolin for medicinal purposes, Selective. W. W. Plowman. 208,882; Feb. 9; Serial No. 221,850; published Nov. 24, 1925.

Composition for preserving and waterproofing canvas and cotton duck goods and similar fabrics. Sullivan Company. 208,794; Feb. 9; Serial No. 219,861; published Nov. 24, 1925.

Compound for rheumatism, kidney, liver, and bladder trouble, etc., Effervescent. J. M. Massion. 208,693; Feb. 9; Serial No. 210,738; published Nov. 17, 1925.

Cough and croup remedy. Giessner Company. 208,715; Feb. 9; Serial No. 220,521; published Nov. 17, 1925.

Cough medicine. Davies, Rose & Co. 208,885; Feb. 9; Serial No. 221,882; published Nov. 24, 1925.

Cream, Face. Math-Ol Inflammacine Co. 208,790; Feb. 9; Serial No. 219,900; published Nov. 24, 1925.

Creams, powder, rouge, cuticle remover, etc. Chicago Mail Order Company. 208,884; Feb. 9; Serial No. 221,877; published Nov. 24, 1925.

Dentifrice, Antiseptic. Ormont Drug & Chemical Co. 208,832; Feb. 9; Serial No. 221,199; published Nov. 17, 1925.

Depilatory. E. H. Franken. 208,771; Feb. 9; Serial No. 218,911; published Nov. 24, 1925.

Dietetic preparation for diabetic patients. H. A. Metz Laboratories, Inc. 208,818; Feb. 9; Serial No. 221,327; published Nov. 17, 1925.

Dyes and colors. F. Malchow. 208,776; Feb. 9; Serial No. 218,072; published Nov. 17, 1925.

Epsom salts, castor oil, quinine, borax, etc. S. Rosenthal. 208,769; Feb. 9; Serial No. 206,495; published Nov. 17, 1925.

Extract from cod and other animal livers. A. B. Adams. 208,734; Feb. 9; Serial No. 221,866; published Nov. 24, 1925.

Hair pomade, face powder and cream, and talcum powder. L. B. Tyndall. 208,731; Feb. 9; Serial No. 220,000; published Nov. 17, 1925.

Hair tonic. V. Charland. 208,791; Feb. 9; Serial No. 219,876; published Nov. 24, 1925.

Hair tonic and shampoo preparations. Comfort Powder Co. 208,880; Feb. 9; Serial No. 221,598; published Nov. 24, 1925.

Hypnotic. E. R. Squibb & Sons. 208,813; Feb. 9; Serial No. 221,210; published Nov. 17, 1925.

Insect powder and liquid insecticide. Gilpin, Langdon & Company. 208,738; Feb. 9; Serial No. 221,742; published Nov. 24, 1925.

Insecticides. Claxton Chemical Company. 208,868; Feb. 9; Serial No. 220,062; published Nov. 24, 1925.

Insecticides. C. E. Fidler. 208,838; Feb. 9; Serial No. 221,860; published Nov. 17, 1925.

Laxative. T. S. Jackson. 208,674; Feb. 9; Serial No. 216,464; published Nov. 17, 1925.

Liniment. Allen and Lowry. 208,777; Feb. 9; Serial No. 218,036; published Nov. 17, 1925.

Liniment. A. M. Losee. 208,721; Feb. 9; Serial No. 220,290; published Nov. 17, 1925.

Liquid preparation for impure blood, scrofula, etc., a liniment for sprains, etc., and a liquid preparation for coughs and colds. W. A. Benson. 208,796; Feb. 9; Serial No. 219,799; published Nov. 17, 1925.

Lotion, Face. R. S. Barnes. 208,685; Feb. 9; Serial No. 217,286; published Nov. 17, 1925.

Lotion, Face. S. B. Wagner. 208,728; Feb. 9; Serial No. 220,098; published Nov. 24, 1925.

Lotion, Mouth, nose, and throat. Fhairmount Laboratories. 208,735; Feb. 9; Serial No. 221,849; published Nov. 24, 1925.

Massage preparation, Liquid. G. M. Mullin. 208,930; Feb. 9; Serial No. 220,969; published Nov. 24, 1925.

Medicated lozenges. John I. Brown & Son. 48,539; renewed Jan. 2, 1926.

Medicated lozenges. John I. Brown & Son. 48,678; renewed Jan. 9, 1926.

Medicinal hemorrhoidal preparations. E. Rath. 208,660; Feb. 9; Serial No. 200,961; published Nov. 17, 1925.

Medicinal preparation. Hollander Bros. Drug Co. 208,872; Feb. 9; Serial No. 221,967; published Nov. 24, 1925.

Medicinal tablets. Antikamnia Chemical Company. 48,062–4; renewed Dec. 5, 1925.

Medicinal tablets. Antikamnia Chemical Company. 48,189–91; renewed Dec. 12, 1925.

Medicine for stomach, liver, and kidney trouble. Mar-O-Vel Company. 208,676; Feb. 9; Serial No. 216,620; published Nov. 10, 1925.

Medicine for tobacco habit and chronic constipation. Sterling Remedy Company. 208,720; Feb. 9; Serial No. 220,327; published Nov. 17, 1925.

Medicine for tuberculosis. Quecrpin Co. 208,743; Feb. 9; Serial No. 221,566; published Nov. 17, 1925.

Medicine or pharmaceutical preparation. Eli Lilly & Company. 208,753; Feb. 9; Serial No. 221,070; published Nov. 17, 1925.

Medicines for the regulation of the liver and purification of the blood. A. H. Lewis Medicine Company. 50,795; renewed Mar. 27, 1926.

Medicines made from boric acid and an organic acid. Weiss & Downs. 208,787; Feb. 9; Serial No. 217,593; published Nov. 17, 1925.

Milk of magnesia—Mulford, Aromatic. H. K. Mulford Company. 208,835; Feb. 9; Serial No. 221,190; published Nov. 17, 1925.

Nail polish. J. Parker Pray, Inc. 208,751; Feb. 9; Serial No. 221,376; published Nov. 17, 1925.

Nail white and cleaner, hair restorer, and facial make-up cream. R. E. Kintz. 208,804; Feb. 9; Serial No. 219,286; published Nov. 17, 1925.

Oil used in the treatment of woolen fabrics. Tide Water Oil Company. 208,810; Feb. 9; Serial No. 221,218; published Nov. 17, 1925.

Oils, Essential. Heine & Co. 208,744; Feb. 9; Serial No. 221,487; published Nov. 17, 1925.

Oils suitable for perfumery purposes, Essential. Heine & Co. 208,700; Feb. 9; Serial No. 213,510; published Nov. 17, 1925.

Ointment. O. Temple. 208,931; Feb. 9; Serial No. 220,980; published Nov. 24, 1925.

Ointment for the treatment of piles. Mrs. E. Champagne. 208,742; Feb. 9; Serial No. 221,597; published Nov. 17, 1925.

Palliative for intestinal asthma, indigestion, pain and cramps, etc. G. Fiodorowsky. 208,730; Feb. 9; Serial No. 220,065; published Nov. 24, 1925.
Pastes, Color. Joseph Burnett Co. 53,316; renewed May 29, 1926.
Perfume, toilet water, face powder, bath salts, etc. J. H. Quintero. 208,750; Feb. 9; Serial No. 221,377; published Nov. 17, 1925.
Perfumery. Eugene Rimmel Limited. 51,638; renewed Apr. 17, 1926.
Perfumes. Solon Palmer. 208,817; Feb. 9; Serial No. 221,333; published Nov. 17, 1925.
Perfumes and hygienic products. Franklin Simon & Co. 208,697; Feb. 9; Serial No. 212,432; published Nov. 17, 1925.
Perfumes, toilet water, face and talcum powders, etc. Ybry, Inc. 208,726; Feb. 9; Serial No. 220,160; published Nov. 17, 1925.
Perfumes, toilet water, face powder, brilliantine, etc. Cheramy, Inc. 208,717; Feb. 9; Serial No. 220,448; published Nov. 17, 1925.
Pharmaceutical preparation. B. Metzger. 208,881; Feb. 9; Serial No. 221,666; published Nov. 24, 1925.
Pharmaceutical preparation used for preparing tar baths. Wolo A.-G. (Wolo Ltd.). 208,694; Feb. 9; Serial No. 210,943; published Nov. 17, 1925.
Pharmaceutical preparations for human use and veterinary purposes. C. P. Chemical & Drug Co. 208,658; Feb. 9; Serial No. 198,937; published Nov. 17, 1925.
Pills. Carter Medicine Company. 53,591; renewed June 5, 1926.
Poison for the potato bug, etc. Hemingway & Company. 208,828; Feb. 9; Serial No. 221,178; published Nov. 17, 1925.
Powder, Face. Armand Company. 208,879; Feb. 9; Serial No. 221,528; published Nov. 24, 1925.
Powder, Face. F. T. Hopkins. 51,613; renewed Apr. 17, 1926.
Powder, Toilet. Ormont Drug & Chemical Co., Inc. 208,815; Feb. 9; Serial No. 221,201; published Nov. 17, 1925.
Powders, creams, perfumes, rouges, etc., Face. J. Martinat. 208,831; Feb. 9; Serial No. 221,127; published Nov. 17, 1925.
Powders, face creams and packs, hair oils, nail polishes, etc., Face. J. T. S. Hoffner. 208,819; Feb. 9; Serial No. 221,319; published Nov. 17, 1925.
Powders, face creams and packs, perfumes, nail polishes, etc. A. P. Babcock Company. 208,792; Feb. 9; Serial No. 219,868; published Nov. 17, 1925.
Powders, perfumes, toilet waters, hair oils, etc. V. Vivaudou. 208,708; Feb. 9; Serial No. 204,739; published Nov. 17, 1925.
Powders, toilet waters, rouges, perfumes, etc. A. P. Babcock Company. 208,839; Feb. 9; Serial No. 221,872; published Nov. 24, 1925.
Preparation for asthma, hay fever, and catarrh. E. R. Budd. 208,681; Feb. 9; Serial No. 217,006; published Nov. 17, 1925.
Preparation for perfuming softening and disinfecting water, cold cream, rouge, etc. H. Weinstein. 208,666; Feb. 9; Serial No. 184,949; published Nov. 17, 1925.
Preparation for the blood. Hidalgo Medicine Company. 208,823; Feb. 9; Serial No. 221,258; published Nov. 17, 1925.
Preparation for the prevention or removal of scale from boilers. Actinium Development Limited. 208,703; Feb. 9; Serial No. 214,637; published Nov. 17, 1925.
Preparation for the treatment of eczema, etc. J. H. Hall. 208,752; Feb. 9; Serial No. 221,057; published Nov. 17, 1925.
Preparation for the treatment of the scalp, eczema, itch, poison ivy, etc. B. H. B. Laboratories. 208,740; Feb. 9; Serial No. 221,057; published Nov. 17, 1925.
Preparations for the diseases of the digestive organs. Fitchmul Company. 46,226; renewed Sept. 12, 1925.
Remedy for boils. C. B. Knudsen. 208,725; Feb. 9; Serial No. 220,192; published Nov. 17, 1925.
Remedy for certain named diseases. Antikamnia Chemical Company. 47,939; renewed Nov. 28, 1925.
Remedy for the treatment of the diseases of poultry. B. M. Beatty. 208,807; Feb. 9; Serial No. 219,107; published Nov. 17, 1925.
Remedy in liquid form, Pile. Roberts Remedies Company. 208,729; Feb. 9; Serial No. 220,088; published Nov. 24, 1925.
Remedy used in the treatment of rheumatism. S. Caplan. 208,867; Feb. 9; Serial No. 215,133; published Nov. 17, 1925.
Salves. J. C. Ballantyne. 208,780; Feb. 9; Serial No. 217,916; published Nov. 17, 1925.
Shampoos. Hiscox Chemical Works. 208,773; Feb. 9; Serial No. 218,700; published Nov. 24, 1925.
Sirup for disguising quinine, Aromatic. Voigt & Co. 53,263; renewed May 29, 1926.
Soda, Bicarbonate of. Pennsylvania Salt Mfg. Co. 53,936; renewed June 12, 1926.
Specific for neuralgia and rheumatism. Mellier Drug Company. 51,500; renewed Apr. 17, 1926.
Sterilizing solution. E. Schulze. 208,887; Feb. 9; Serial No. 218,337; published Nov. 24, 1925.
Stomachic and carminative. E. Dort. 52,170; renewed May 1, 1926.
Substance for use in the treatment of syphilis. J. W. Stevens. 208,695; Feb. 9; Serial No. 211,722; published Nov. 17, 1925.
Thiosinamine compound for medicinal use, Soluble. E. Merck. 49,160; renewed Jan. 23, 1926.
Toilet preparations and perfumery. Parfumerie Roger & Gallet. 208,602–4; Feb. 9; Serial Nos. 199,084–6; published Nov. 17, 1925.
Tonic cordial. Voigt & Co. 53,213; renewed May 29, 1926.
Treatment for poultry diseases, etc., Liquid and tablet. G. J. Homan. 208,890; Feb. 9; Serial Nos. 216,392; published Nov. 24, 1925.

CLASS 7.

Twine and binder twine. Plymouth Cordage Company. 48,714; renewed Jan. 9, 1926.
Warps, Carpet. James E. Reynolds & Co. 53,358; renewed May 29, 1926.

CLASS 8.

Cigarette paper. J. Fauraut. 208,816; Feb. 9; Serial No. 221,359; published Nov. 17, 1925.
Pipes, cigar and cigarette holders, and hookahs. Reiss-Premier Pipe Co. 208,727; Feb. 9; Serial No. 220,141; published Nov. 10, 1925.
Smoking pipes, cigar holders, and cigarette holders. L. & H. Stern, Inc. 208,736; Feb. 9; Serial No. 221,787; published Nov. 24, 1925.
Tobacco cases or pouches. Smokers Products, Inc. 208,830; Feb. 9; Serial No. 221,140; published Nov. 10, 1925.

CLASS 9.

Gun and pistol cartridges and parts thereof. Union Metallic Cartridge Company. 49,617; renewed Feb. 13, 1926.
Gun and pistol cartridges and parts thereof. Union Metallic Cartridge Company. 49,619; renewed Feb. 13, 1926.
Matches. United States Match Corporation. 208,766; Feb. 9; Serial No. 204,982; published Nov. 17, 1925.

CLASS 10.

Gypsum, Agricultural. Centerville Gypsum Company. 208,866; Feb. 9; Serial No. 220,110; published Nov. 24, 1925.

CLASS 11.

Inks, Writing. Von Rufs Ink Company. 208,919; Feb. 9; Serial No. 209,184; published Nov. 3, 1925.

CLASS 12.

Plaster boards and plaster wall boards. United States Gypsum Company. 208,840; Feb. 9; Serial No. 221,860; published Nov. 24, 1925.

CLASS 13.

Cabinets, Dispensing. Albany Perforated Wrapping Paper Co. 52,287; renewed May 8, 1926.
Car-door hangers, fasteners, and guide brackets, Freight-. Camel Company. 50,896; renewed Apr. 3, 1926.
Car doors, Trimmings for freight. Camel Company. 50,872; renewed Apr. 3, 1926.
Couplings, Belt. Greene, Tweed & Co. 51,556; renewed Apr. 17, 1926.
Metal manufactures. U. T. Hungerford Brass & Copper Co. 52,347; renewed May 8, 1926.
Nails, Wire. Charles F. Baker & Co. 49,583; renewed Feb. 13, 1926.
Valves. Ohio Brass Company. 208,756; Feb. 9; Serial No. 220,793; published Nov. 17, 1925.

CLASS 14.

Castings, Steel. Oklahoma Steel Castings Co. 208,889; Feb. 9; Serial No. 216,472; published Nov. 24, 1925.
Iron sheets and plates. Wheeling Steel Corporation. 208,863; Feb. 9; Serial No. 219,650; published Nov. 24, 1925.
Steel plates, sheets, and bars. Colonial Steel Company. 208,841; Feb. 9; Serial No. 221,694; published Nov. 24, 1925.
Steel sheets and plates. Wheeling Steel Corporation. 208,864; Feb. 9; Serial No. 219,649; published Nov. 24, 1925.
Steel, Tool. Horace T. Potts & Co. 208,936; Feb. 9; Serial No. 221,506; published Nov. 24, 1925.

CLASS 15.

Oils, Lubricating. Valvoline Oil Company. 53,237; renewed May 29, 1926.

CLASS 16.

Carbon black. United Oil & Natural Gas Products Corporation. 208,948; Feb. 9.
Paints, Carbon. Patterson Sargent Co. 51,407; renewed Apr. 17, 1926.
Paints, enamels, stains, and varnishes. Truscon Steel Company. 208,686; Feb. 9; Serial No. 217,429; published Oct. 27, 1925.
Paints, Ready-mixed. Howland & Dewey Company. 208,961; Feb. 9.

CLASS 17.

Cigarettes. Carreras & Marcianus Cigarettes, Limited. 48,240; renewed Dec. 19, 1925.
Cigars. J. Weinreich. 48,673; renewed Jan. 9, 1926.
Cigars and cigarettes. L. Morgenstern. 208,760; Feb. 9; Serial No. 220,665; published Nov. 24, 1925.

CLASS 20.

Linoleums. W. & J. Sloane Manufacturing Company. 208,781; Feb. 9; Serial No. 217,837; published Nov. 17, 1925.

CLASS 21.

Batteries and spark plugs, Storage. Certain-teed Products Corporation. 208,853; Feb. 9; Serial No. 218,469; published Oct. 13, 1925.
Batteries, Storage. P. M. Marko. 208,952; Feb. 9.
Battery eliminators. Cooper Corporation. 208,850; Feb. 9; Serial No. 218,797; published Oct. 20, 1925.
Electric circuits, Variable-resistance units for controlling. Electrad, Inc. 208,923; Feb. 9; Serial No. 206,284; published Nov. 3, 1925.
Electric irons, fans, toasters, percolators, and waffle irons. Newberry Electric Corporation. 208,955; Feb. 9.
Electric-lighting fixtures. Goodrich Electric Company. 208,974; Feb. 9.
Electric systems, Automotive-vehicle. Pierce-Arrow Motor Car Company. 208,904; Feb. 9; Serial No. 179,681; published Oct. 13, 1925.
Electrical fittings, Groundulet Company. 208,846; Feb. 9; Serial No. 219,482; published Oct. 20, 1925.
Electrical relay switches, pouring ladles, and heating apparatus. J. S. Dunn. 208,912; Feb. 9; Serial No. 215,387; published Oct. 13, 1925.
Electrical relay switches, pouring ladles, and heating apparatus. J. S. Dunn. 208,913; Feb. 9; Serial No. 215,003; published Oct. 13, 1925.
Insulated wires. Phillips Insulated Wire Co. 52,626; renewed May 15, 1926.
Insulators, insulator fittings and pins, Electrical. R. Thomas & Sons Co. 208,848; Feb. 9; Serial No. 219,155; published Oct. 20, 1925.
Lamps and switches therefor, Electrical direction signal. P. P. Basterreix. 208,855; Feb. 9; Serial No. 218,444; published Oct. 20, 1925.
Lamps, Mercury-vapor. Cooper Hewitt Electric Company. 208,968; Feb. 9.
Lamps, Sewing-machine. F. E. Becka. 208,962; Feb. 9.
Lighting fixtures, electric desk lamps, etc., Portable electric. H. G. McFaddin & Co. 208,961; Feb. 9; Serial No. 202,069; published Nov. 3, 1925.
Radio apparatus. F. L. Fausch. 208,951; Feb. 9.
Radio apparatus, Loud speakers for. American Bosch Magneto Corporation. 208,844; Feb. 9; Serial No. 219,568; published Oct. 20, 1925.
Radio equipment. Electrad, Inc. 208,922; Feb. 9; Serial No. 206,286; published Oct. 13, 1925.
Radio receiving sets. D. X. Instrument Company. 208,854; Feb. 9; Serial No. 218,454; published Oct. 13, 1925.
Radio receiving sets and parts thereof. People's Outfitting Co. 208,925; Feb. 9; Serial No. 200,639; published Jan. 6, 1925.
Radio receiving sets, loud speakers and units, transformers, etc. Electrical Research Laboratories, Inc. 208,959; Feb. 9.
Rheostats. Monitor Controller Company. 208,957, Feb. 9.
Tubes, Rectifier. American Appliance Co. 208,886, Feb. 9; Serial No. 219,101; published Oct. 20, 1925.
Vacuum tubes, X-ray tubes, and parts thereof. C. H. F. Müller. 48,934; renewed Jan. 16, 1926.
Wire for electrical purposes. S. S. Spring. 208,973; Feb. 9.
Wires for electric connections to mercury-tube switches, Lead. Federal Gauge Co. 208,852; Feb. 9; Serial No. 218,092; published Nov. 10, 1925.

CLASS 22.

Baseball bats. Thos. E. Wilson & Co. 208,808; Feb. 9; Serial No. 219,097; published Nov. 24, 1925.
Dominoes, dice, poker chips, billiard tables, etc., Chinese. Julius Schmid, Inc. 208,768; Feb. 9; Serial No. 206,639; published Nov. 24, 1925.
Fish bait. Hickson-Young Company. 208,705; Feb. 9; Serial No. 214,959; published Nov. 24, 1925.
Golf clubs. E. F. Fraser. 208,732; Feb. 9; Serial No. 219,957; published Nov. 24, 1925.

CLASS 23.

Chains, Driving and mortise. Hans Renold Limited. 208,942; Feb. 9.
Chisels. Warren Tool and Forge Co. 208,748; Feb. 9; Serial No. 221,396; published Nov. 17, 1925.
Files and rasps. G. & H. Barnett Company. 49,472; renewed Feb. 6, 1926.
Files and rasps. Nicholson File Company. 49,666; renewed Feb. 13, 1926.
Fire extinguishers. American-La France Fire Engine Co. 53,839; renewed June 12, 1926.
Guide bars and sprockets and sprocket wheels. Hans Renold Limited. 208,941; Feb. 9.
Keys, Cushion finger. Munson Supply Company. 52,364; renewed May 8, 1926.
Knife sections. Whitman & Barnes Manufacturing Company. 52,876; renewed May 22, 1926.
Letter-duplicating machines. Hever Duplicator Company, Inc. 208,683; Feb. 9; Serial No. 217,152; published Nov. 24, 1925.
Mauls. Warren Tool and Forge Co. 208,749; Feb. 9; Serial No. 221,395; published Nov. 17, 1925.
Needles. Excelsior Needle Company. 53,544; renewed June 5, 1926.
Pliers and wrenches. Gripnstik Company. 208,971; Feb. 9.
Saws. Henry Disston & Sons, Incorporated. 53,678; renewed June 12, 1926.
Saws. Henry Disston & Sons, Incorporated. 53,699–700; renewed June 12, 1926.
Saws. Henry Disston & Sons, Incorporated. 53,702; renewed June 12, 1926.
Saws. Henry Disston & Sons, Incorporated. 53,752; renewed June 12, 1926.
Sewing-machine needles. Excelsior Needle Company. 52,659–60; renewed May 15, 1926.
Sewing machines and parts thereof. Union Special Machine Company. 49,361; renewed Jan. 30, 1926.
Shovels, scoops, and spades. St. Louis Shovel Co. 53,991; renewed June 19, 1926.
Universal joints and parts thereof. Universal Products Co. 208,800; Feb. 9; Serial No. 219,506; published Nov. 24, 1925.

CLASS 24.

Laundry nets. Progressive Weaving Co. 208,950; Feb. 9.
Wringers. American Wringer Company. 52,689; renewed May 15, 1926.
Wringers and the parts composing the same, Clothes. American Wringer Company. 52,406; renewed May 8, 1926.

CLASS 25.

Banks, Portable savings. American Art Works, Incorporated. 208,824; Feb. 9; Serial No. 219,408; published Nov. 24, 1925.

CLASS 26.

Eye-examining instruments. De Zeng Standard Co. 208,905; Feb. 9; Serial No. 173,627; published Nov. 24, 1925.
Gravimetric testing apparatus and parts thereof. G. R. Delamater. 208,932; Feb. 9; Serial No. 221,051; published Nov. 24, 1925.
Picture films, Motion-. Film Booking Offices of America, Inc. 208,927; Feb. 9; Serial No. 220,892; published Nov. 24, 1925.
Pictures, Moving. A. J. Jensen. 208,859; Feb. 9; Serial No. 220,026; published Nov. 24, 1925.

CLASS 27.

Clock cases and watchcases. Bakelite Corporation. 208,910; Feb. 9; Serial No. 216,817; published Nov. 3, 1925.
Clocks, Alarm. A. C. Becken. 49,027; renewed Jan. 23, 1926.
Watches. A. Wittnauer Co. 208,972; Feb. 9.
Watches, watchcases, and watch movements. M. Klass. 208,906–7; Feb. 9; Serial Nos. 218,062–3; published Nov. 3, 1925.
Watches, watch movements, and parts thereof. J. Gottlieb. 208,966–7; Feb. 9.

CLASS 28.

Breastpins, brooches, bracelets, and barrettes. Wachenheimer Bros., Inc. 208,856; Feb. 9; Serial No. 218,440; published Nov. 3, 1925.
Buttons and links, buckles, key rings, etc., Cuff. D. A. Ballou & Co. 208,865; Feb. 9; Serial No. 219,520; published Oct. 13, 1925.
Rings, brooches, bracelets, and pendants, Finger. George W. Steward Co. 208,843; Feb. 9; Serial No. 219,610; published Nov. 3, 1925.
Rings, ornamental pins, and brooches, Finger. C. G. King & Company. 208,914; Feb. 9; Serial No. 214,553; published Oct. 13, 1925.
Rings, Wedding. J. B. Bowden & Co. 208,847; Feb. 9; Serial No. 219,372; published Oct. 13, 1925.
Silver-plated flatware, tableware, cutlery, and hollow ware. Oneida Community Limited. 208,845; Feb. 9; Serial No. 219,550; published Nov. 10, 1925.

CLASS 29.

Brushes, Paint and varnish. E. E. Robinson. 208,678; Feb. 9; Serial No. 216,796; published Nov. 24, 1925.
Comb and hairbrush, Combination. Skoglund & Olson Mfg. Co. 208,876; Feb. 9; Serial No. 220,623; published Nov. 24, 1925.
Monsticks. Stover Manufacturing & Engine Co. 208,668; Feb. 9; Serial No. 215,102; published Nov. 24, 1925.

CLASS 30.

Plates, cups, platters, bowls, and other tableware pottery. Saxon China Company. 208,737; Feb. 9; Serial No. 221,777; published Nov. 24, 1925.
Pottery, earthenware, and china. Doulton & Co. 50,411; renewed Mar. 13, 1926.

Vases, plates, pedestals, etc. Adolphe Schloss Fils & Cie. 208,687; Feb. 9; Serial No. 208,431; published Oct. 20, 1925.

CLASS 32.

Beds, divans, couches, hammocks, and hammock stands. New England Bedding Company. 208,701; Feb. 9; Serial No. 213,724; published Nov. 24, 1925.
Chests and lacquered chairs and tables, Shensi. M. S. Crow, Inc. 208,767; Feb. 9; Serial No. 206,828; published Nov. 10, 1925.
Cushions, Bench and seat. O. Simms Manufacturing Co. 208,775; Feb. 19; Serial No. 218,216; published Nov. 24, 1925.
Furniture. Oklahoma Furniture Manufacturing Co. 208,803; Feb. 9; Serial No. 219,345; published Nov. 10, 1925.
Show cases. Grand Rapids Show Case Company. 208,741; Feb. 9; Serial No. 221,607; published Nov. 24, 1925.

CLASS 33.

Glassware, glass trays, window glass, etc., Household. J. E. Marsden Glass Works, Inc. 208,719; Feb. 9; Serial 220,351; published Nov. 10, 1925.
Globes and reflectors, Glass. Miller Company. 208,709; Feb. 9; Serial No. 203,738; published Nov. 17, 1925.
Lamp chimneys, reflectors, and lantern globes, Glass. Gill Brothers Company. 208,754; Feb. 9; Serial No. 220,946; published Nov. 10, 1925.
Pin trays or holders, Glass. L. W. Tiffany. 208,696; Feb. 9; Serial No. 211,723; published Nov. 17, 1925.

CLASS 35.

Tire-repair kit. J. H. Sherman. 208,798; Feb. 9; Serial No. 219,647; published Nov. 24, 1925.
Tires, Automobile. Fidelity Tire & Rubber Company. 208,946; Feb. 9.

CLASS 36.

Harmonicas and accordions, Mouth. M. Hohner, Inc. 208,908; Feb. 9; Serial No. 217,829; published Nov. 3, 1925.
Music rolls and combination music and word rolls. International Player Roll Company. 208,888; Feb. 9; Serial No. 218,308; published Oct. 13, 1925.
Musical instrument, Nasal wind. J. J. Stivers. 208,915; Feb. 9; Serial No. 214,288; published Nov. 3, 1925.
Musical instrument, Pick for a stringed. Bacon Banjo Co. 208,911; Feb. 9; Serial No. 216,252; published Nov. 3, 1925.
Phonographs. M. Waterson. 208,918; Feb. 9; Serial No. 216,594; published Nov. 3, 1925.
Phonographs. Zenith Radio Corporation. 208,916; Feb. 9; Serial No. 213,822; published Nov. 3, 1925.
Pianofortes, Strings for. R. C. Koch. 48,029; renewed Dec. 5, 1925.
Pianos. Jewett Piano Co. 52,423; renewed May 8, 1926.
Pianos. Lyon & Healy. 51,190; renewed Apr. 10, 1926.
Pianos, Upright and grand. Lester Piano Company. 53,387; renewed June 5, 1926.
Saxophones, Supporting strap for. N. B. Bailey. 208,909; Feb. 9; Serial No. 217,244; published Oct. 13, 1925.
Talking machines and phonographs and parts thereof, disks, records, etc. Carl Lindström Aktiengesellschaft. 208,917; Feb. 9; Serial No. 212,390; published Oct. 13, 1925.
Ukuleles and banjo ukes. A. E. Davidson. 208,920; Feb. 9; Serial No. 208,512; published Nov. 3, 1925.
Ukuleles, banjo ukuleles, and mouth harmonicas. Progressive Musical Instrument Corporation. 208,921; Feb. 9; Serial No. 207,519; published Nov. 3, 1925.
Ukuleles, banjo ukuleles, lute mandolins, etc. Manhattan Band Instrument Co. 208,849; Feb. 9; Serial No. 219,037; published Oct. 20, 1925.
Violins, guitars, banjos, etc., Strings for. Waverly Musical Products Co. 208,902; Feb. 9; Serial No. 201,062; published Oct. 13, 1925.

CLASS 37.

Crayons. American Crayon Co. 52,898–9; renewed May 22, 1926.
Diaries published periodically, Radio. J. Howard Berry & Son. 208,964; Feb. 9.
Paper. New Jersey Coated Paper Co. 208,982; Feb. 9.
Paper and tablets, Writing. Osborn Paper Company. 208,900; Feb. 9.
Paper, Certain named. Dennison & Sons. 48,654; renewed Jan. 9, 1926.
Paper, Cover. Strathmore Paper Company. 208,979; Feb. 9.
Paper napkins. American Lace Paper Co. 208,965; Feb. 9.
Paper, Writing. Hollingsworth & Whitney Company. 51,145; renewed Apr. 3, 1926.
Paper, Writing. Peck Engraving Company. 208,975; Feb. 9.
Pens, Metallic. Spencerian Pen Company. 52,860; renewed May 22, 1926.
Pens, Metallic. Spencerian Pen Company. 53,378; renewed June 5, 1926.

CLASS 38.

Bonds, Real-estate. Jacobs Realty Co. 208,976; Feb. 9.
Mottoes, Framed. J. De Grazia. 208,981; Feb. 9.

CLASS 39.

Boots and shoes, Leather. Geo. D. Witt Shoe Co. 53,419; renewed June 5, 1926.
Boots, shoes, oxfords, sandals, and slippers, Leather. Moore-Shafer Mfg. Co. 54,287; renewed June 26, 1926.
Clothing. Alfred Decker & Cohn, Inc. 208,938; Feb. 9; Serial No. 213,010; publication waived.
Clothing, Men's and young men's. L. J. May. 208,789; Feb. 9; Serial No. 217,571; published Oct. 20, 1925.
Corsets. Warner Bros. Co. 50,063; renewed Feb. 27, 1926.
Dresses, coats, and hats, Women's. Guiry. 208,978; Feb. 9.
Dresses, Ladies'. Hackmeier & Geringer, Inc. 208,980; Feb. 9.
Dresses, overskirts, waists, middy blouses, and sport coats. H. W. Goldman. 208,947; Feb. 9.
Dresses, skirts, and coats, Ladies'. M. L. Cooper. 208,984; Feb. 9.
Dresses, slip-overs, and bloomers, etc. O. Horowitz. 208,903; Feb. 9; Serial No. 193,111; published Oct. 6, 1925.
Gloves and hosiery, Fabric. Comet Textile Co. 208,711; Feb. 9; Serial No. 202,240; published Nov. 18, 1924.
Gowns, bloomers, step-ins, chemises, princess slips, and pantalets. J. & S. Milberg. 208,956; Feb. 9.
Hats and caps. Frank Schoble & Co. 51,275; renewed Apr. 10, 1926.
Hose supporters. Warner Bros. Co. 49,397; renewed Feb. 6, 1926.
Hosiery. Bear Brand Hosiery Co. 208,672; Feb. 9; Serial No. 215,729; published Oct. 20, 1925.
Hosiery. L & B Hosiery Co. 208,871; Feb. 9; Serial No. 220,150; published Nov. 3, 1925.
Hosiery, Nelson Knitting Company. 208,661; Feb. 9; Serial No. 199,298; published Sept. 9, 1924.
Hosiery. Rice-Stix Dry Goods Company. 51,535; renewed Apr. 17, 1926.
Hosiery. Rice-Stix Dry Goods Company. 51,596; renewed Apr. 17, 1926.
Hosiery. Tichner, Bros. 208,963; Feb. 9.
Hosiery, Ladies'. Jones, Witter and Company. 208,657; Feb. 9; Serial No. 201,563; published Oct. 14, 1924.
Jackets, boys' blouses, shirts, underwear, etc. M. Fine & Sons. 208,765; Feb. 9; Serial No. 217,506; published Nov. 3, 1925.
Overalls. H. W. Carter & Sons. 50,146; renewed Mar. 6, 1926.
Ponchos. W. Y. Albertson. 208,684; Feb. 9; Serial No. 217,381; published Nov. 3, 1925.
Shirts and sweater coats. Rice-Stix Dry Goods Company. 208,784; Feb. 9; Serial No. 217,634; published Nov. 3, 1925.
Shirts, Dress. Silberstein Bros. Shirt Co. 208,692; Feb. 9; Serial No. 209,819; published Aug. 4, 1925.
Shirts, Dress and negligee. Cluett, Peabody & Co. 208,983; Feb. 9.
Shirts, Dress and negligee. North Bros. & Co. 208,944; Feb. 9.
Shoes, Tennis. Hood Rubber Co. 50,547; renewed Mar. 20, 1926.
Suits and overcoats, Men's and young men's. L. J. May. 208,788; Feb. 9; Serial No. 217,572; published Oct. 20, 1925.
Suits, hose, gloves, etc., Sailor. Best & Co. 208,677; Feb. 9; Serial No. 216,768; published Nov. 3, 1925.
Suits, Men's. Gately Clothing Company. 208,867; Feb. 9; Serial No. 220,067; published Nov. 10, 1925.
Suits, Men's and young men's finished. Greenbaum Bros. Inc. 208,977; Feb. 9.
Sweaters and overblouses. E. R. Walbridge. 208,772; Feb. 9; Serial No. 218,885; published Nov. 3, 1925.
Sweaters, bathing suits, scarfs, dresses, etc. American Knitwear Company. 208,670; Feb. 9; Serial No. 215,397; published Nov. 3, 1925.
Undergarments, vests, nightgowns, etc. N. Siegel. 208,671; Feb. 9; Serial No. 215,711; published Nov. 3, 1925.

CLASS 40.

Braids and mohair braids, Silk. William Skinner Manufacturing Co. 52,402; renewed May 8, 1926.

CLASS 41.

Umbrellas. Lynn Umbrella Mfg. Co. 208,707; Feb. 9; Serial No. 202,998; published Nov. 24, 1925.

CLASS 42.

Centerpieces, doilies, scarfs, etc. Danda Halpern Co. 208,761; Feb. 9; Serial No. 220,646; published Nov. 24, 1925.
Cotton damask. Rosemary Manufacturing Company. 52,902; renewed May 22, 1926.
Cotton piece goods. Pacolet Mfg. Co. 208,699; Feb. 9; Serial No. 212,957; published June 23, 1925.
Cotton piece goods. Sayles Finishing Plants Inc. 208,814; Feb. 9; Serial No. 221,208; published Nov. 10, 1925.

Cotton, silk, and wool piece goods. Haas Brothers Fabrics Corporation. 208,809; Feb. 9; Serial No. 221,253; published Nov. 10, 1925.
Domestics, Bleached. M. Haiff & Bro. 208,836; Feb. 9; Serial No. 221,116; published Nov. 10, 1925.
Draperies and dress goods. Westerly Textile Company. 208,712; Feb. 9; Serial No. 201,635; published Nov. 10, 1925.
Ginghams. Smith, Hogg & Co. 50,992; renewed Apr. 3, 1926.
Hair nets. S. H. Rubenstein. 208,795; Feb. 9; Serial No. 219,846; published Nov. 10, 1925.
Linen piece goods. Abouchar & Co. 208,704; Feb. 9; Serial No. 214,836; published Nov. 17, 1925.
Napkins, tablecloths, sheets, and pillowcases, Table. Tootal Broadhurst Lee Company Limited. 208,718; Feb. 9; Serial No. 220,431; published Nov. 10, 1925.
Piece goods. Kummer, Upmann & Company. 208,805; Feb. 9; Serial No. 219,248; published Nov. 17, 1925.
Rugs. Hillside Cotton Mills. 208,758; Feb. 9; Serial No. 220,717; published Nov. 10, 1925.
Rugs, art squares, and mattings. Oshkosh Grass Matting Co. 51,906; renewed Apr. 24, 1926.
Rugs, Wool-fiber. Deltox Grass Rug Company. 208,949; Feb. 9.
Sheetings and drillings. Manville Jenckes Company. 208,722–3; Feb. 9; Serial Nos. 220,242–3; published Nov. 10, 1925.
Silk and cotton fabrics. N. Fluegelman & Co. 208,669; Feb. 9; Serial No. 215,297; published Nov. 17, 1925.
Silk, cotton, and silk and cotton mixture piece goods. Fried, Mendelson & Company. 208,896; Feb. 9; Serial No. 204,899; published Nov. 17, 1925.
Silk fabrics, Artificial rayon. Diablo & Solomon Inc. 208,679–80; Feb. 9; Serial Nos. 216,976–7; published Nov. 10, 1925.
Silk piece goods. G. Abrash. 208,801; Feb. 9; Serial No. 219,467; published Nov. 17, 1925.
Silk piece goods. J. N. Adam & Co. 208,770; Feb. 9; Serial No. 218,941; published Nov. 17, 1925.
Silk piece goods. Bendix & Fiber, Inc. 208,698; Feb. 9; Serial No. 212,667; published Nov. 10, 1925.
Silk piece goods. Stehli Silks Corporation. 208,811; Feb. 9; Serial No. 221,215; published Nov. 10, 1925.
Silk piece goods, printed piece goods, etc. Bendix & Fiber, Inc. 208,675; Feb. 9; Serial No. 216,497; published Nov. 17, 1925.
Wool, silk, and cotton piece goods. Haas Brothers Fabrics Corporation. 208,713; Feb. 9; Serial No. 220,527; published Nov. 10, 1925.
Wool, silk, and cotton piece goods. Haas Brothers Fabrics Corporation. 208,764; Feb. 9; Serial No. 220,528; published Nov. 10, 1925.
Woolen piece goods. Bradford Dyers' Association, Limited. 208,755; Feb. 9; Serial No. 220,839; published Nov. 10, 1925.
Woolen piece goods. Forstmann & Huffmann Company. 208,785–6; Feb. 9; Serial No. 217,608–9; published Nov. 17, 1925.
Woolen piece goods. Forstmann & Huffmann Company. 208,820; Feb. 9; Serial No. 221,311; published Nov. 24, 1925.
Woolen piece goods. Forstmann & Huffmann Company. 208,821; Feb. 9; Serial No. 221,309; Nov. 24, 1925.
Woolen piece goods. Windsor Manufacturing Co. 208,837; Feb. 9; Serial No. 221,082; published Nov. 24, 1925.
Worsted and woolen dress goods. F. A. Bochmann & Co. 208,797; Feb. 9; Serial No. 219,660; published Nov. 10, 1925.

CLASS 43.

Thread. Union Thread Company. 208,739; Feb. 9; Serial No. 221,676; Nov. 17, 1925.
Yarns and tinsel thread. Elliott, Greene & Co. 208,733; Feb. 9; Serial No. 221,953; published Nov. 24, 1925.

CLASS 44.

Alloy for making models and filling of teeth. Crescent Dental Mfg. Co. 208,893; Feb. 9; Serial No. 213,367; published Nov. 24, 1925.
Compounds, Investment and impression. S. S. White Dental Mfg. Co. 53,362; renewed May 29, 1926.
Dental equipment. Electro Dental Manufacturing Co. 208,878; Feb. 9; Serial No. 220,220; published Nov. 24, 1925.
Grinding or cutting points or wheels such as are used by dentists. Chayes System Laboratories, Inc. 208,899; Feb. 9; Serial No. 202,858; published Nov. 24, 1925.
Grinding or cutting points or wheels such as used by dentists. Chayes Syetem Laboratories, Inc. 208,899; Feb. 9; Serial No. 202,857; published Nov. 24 1925.
Grinding or cutting points such as are used by dentists. Chayes System Laboratories, Inc. 208,900; Feb. 9; Serial No. 202,855; published Nov. 24, 1925.
Irrigating apparatus, Vaginal and rectal. Clinical Supplies, Incorporated. 208,933; Feb. 9; Serial No. 221,693; published Nov. 24, 1925.
Suspensory bandages and jock straps. S. H. Wetmore Company. 50,629; renewed Mar. 27, 1926.

CLASS 45.

Beverage containing coffee and sirup for making the same. Nonalcoholic, maltless vegetable-compound. Kic-Nic, Incorporated. 208,665; Feb. 9; Serial No. 189,364; published Nov. 24, 1925.
Beverage sold as a soft drink and sirup for making the same. Boston & Lowell Bottling Co. 208,958; Feb. 9.
Beverages and extracts and flavors for making the same, Nonalcoholic, maltless. Theall & Pille, Inc. 208,793; Feb. 9; Serial No. 219,864; published Nov. 24, 1925.
Beverages and fruit juices, Certain named. Sunlit Fruit Company. 52,434; renewed May 8, 1926.
Beverages, Nonalcoholic, maltless, carbonated. Big Bill Bottling Company. 208,691; Feb. 9; Serial No. 209,558; published Nov. 24, 1925.
Extract for making soft drinks. Dysco Chemical Company Inc. 208,939–40; Feb. 9.
Extract for making soft drinks, Nonalcoholic, maltless. Dysco Chemical Company. 208,985; Feb. 9.
Ginger ale. Massolt Bottling Co. 208,778; Feb. 9; Serial No. 217,940; published Nov. 24, 1925.
Mineral water. Miwogco Mineral Well & Sanitarium Co. 208,799; Feb. 9; Serial No. 219,543; published Nov. 24, 1925.
Water, Electrically-treated. G. A. Shook. 208,802; Feb. 9; Serial No. 219,412; published Nov. 24, 1925.

CLASS 46.

Biscuits. Johnson Educator Food Company. 208,924; Feb. 9; Serial No. 202,993; published Nov. 24, 1925.
Biscuits and cakes. Huntley & Palmers, Ltd. 51,444; renewed Apr. 17, 1926.
Bread. Continental Baking Company. 208,842; Feb. 9; Serial No. 221,240; published Nov. 24, 1925.
Candy. American Caramel Company. 208,858; Feb. 9; Serial No. 219,929; published Nov. 24, 1925.
Candy. Ann Fox Corporation. 208,943; Feb. 9.
Candy. Wm. H. Luden Inc. 208,706; Feb. 9; Serial No. 202,816; published Nov. 24, 1925.
Candy. Mount Joy Chocolate & Confectionery Co. 208,934; Feb. 9; Serial No. 221,329; published Nov. 24, 1925.
Candy. Ohio Confection Co. 208,833; Feb. 9; Serial No. 221,198; published Nov. 24, 1925.
Candy. Schuster Company. 208,774; Feb. 9; Serial No. 218,526; published Nov. 24, 1925.
Candy and candy bars. Curtiss Candy Co. 208,782; Feb. 9; Serial No. 217,820; published Nov. 24, 1925.
Canned fish. Franco-Italian Packing Co. 208,953–4; Feb. 9.
Canned fruits and vegetables. Wayne County Preserving Co. 53,297–8; renewed May 29, 1926.
Canned peas, beans and beets. Gillett Canning Company. 208,970; Feb. 9.
Canned salmon. McGovern & McGovern. 208,745; Feb. 9; Serial No. 221,425; published Nov. 24, 1925.
Canned salmon. Elmer W. Smith, Inc. 208,812; Feb. 9; Serial No. 221,211; published Nov. 24, 1925.
Canned vegetables. Howard E. Jones & Co. 208,891; Feb. 9; Serial No. 214,552; published Nov. 17, 1925.
Cheese, Sweet-cream. Gould Cheese Company. 208,851; Feb. 9; Serial No. 218,754; published Nov. 24, 1925.
Chili sauce, Worcestershire sauce, tomato catchup, and mayonnaise dressing. H. F. Voss Company, Inc. 208,757; Feb. 9; Serial No. 220,748; published Nov. 17, 1925.
Coffee. Maury-Cole Company. 208,822; Feb. 9; Serial No. 221,266; published Nov. 24, 1925.
Coffee. Meyer Brothers Coffee and Spice Company. 52,209; renewed May 1, 1926.
Coffees, teas, spices, extracts, flavoring seeds, and cornstarch. Tone Brothers. 208,659; Feb. 9; Serial No. 198,202; published Nov. 17, 1925.
Corn meal, buckwheat and pancake flour, etc. J. F. Eesley Milling Co. 208,716; Feb. 9; Serial No. 220,512; published Nov. 17, 1925.
Feed, Dairy. American Milling Company. 208,857; Feb. 9; Serial No. 218,151; published Nov. 24, 1925.
Feed, Livestock. Dr. Fenton's Vigor-Tone Co. Inc. 208,759; Feb. 9; Serial No. 220,712; published Nov. 17, 1925.
Feed, Poultry. Larrowe Milling Company. 208,869–70; Feb. 9; Serial Nos. 220,195–6; published Nov. 24, 1925.
Feed, Poultry. Park & Pollard Company. 208,928; Feb. 9; Serial No. 220,862; published Nov. 24, 1925.
Flour. Little Crow Milling Company. 208,763; Feb. 9; Serial No. 220,548; published Nov. 17, 1925.
Flour, Self-rising or pancake. Topeka Milling Company. 49,359; renewed Jan. 30, 1926.
Flour, Wheat. Alliance Milling Company. 52,525; renewed May 8, 1926.
Flour, Wheat. Amendt Milling Co. 208,892; Feb. 9; Serial No. 214,112; published Nov. 24, 1925.
Flour, Wheat. Kansas Flour Mills Company. 208,926; Feb. 9; Serial No. 220,901; published Nov. 24, 1925.
Flour, Wheat. Loudonville Milling Company. 208,877; Feb. 9; Serial No. 220,459; published Nov. 24, 1925.
Flour, Wheat. Northwestern Consolidated Milling Company. 48,462–4; renewed Jan. 2, 1926.
Flour, Wheat. Threefoot Bros. & Co. 49,923; renewed Feb. 20, 1926.
Flour, Wheat. Washburn Crosby Company. 208,874; Feb. 9; Serial No. 220,813; published Nov. 24, 1925.
Flour, Wheat and self-rising. Model Mill Company. 208,861; Feb. 9; Serial No. 219,902; published Nov. 24, 1925.
Food preparation of bone marrow and malt. Virol, Limited. 54,216; renewed June 19, 1926.

Grapefruit, tangerines, oranges, etc. Texas Citrus Fruit Growers Exchange. 208,829; Feb. 9; Serial No. 221,147; published Nov. 24, 1925.
Grapes, Fresh. California Land & Products Corp. 208,897; Feb. 9; Serial No. 203,110; published Nov. 24, 1925.
Grapes, Fresh. W. G. Micke. 208,894; Feb. 9; Serial No. 208,250; published Nov. 17, 1925.
Grapes, Fresh. Starry & Way. 208,935; Feb. 9; Serial No. 221,589; published Nov. 24 1925.
Jams, jellies, marmalades, preserved and conserved fruits. Sunlit Fruit Company. 54,183; renewed June 19, 1926.
Macaroni, spaghetti, vermicelli, and noodles. Crescent Macaroni & Cracker Co. 53,438; renewed June 5, 1926.
Meal, grits, and hominy feed. Boney & Harper Milling Company. 208,806; Feb. 9; Serial No. 219,220; published Nov. 17, 1925.
Milk, buttermilk, and cream. Harmony Creamery Company. 208,688–9; Feb. 9; Serial Nos. 208,654–5; published Nov. 17, 1925.
Onions, Green. H. C. Pittman. 208,860; Feb. 9; Serial No. 219,908; published Nov. 24, 1925.
Peaches, canned salmon, corn, and pears, etc., Evaporated. H. Wedekind & Co. 208,862; Feb. 9; Serial No. 219,792; published Nov. 17, 1925.
Spinach, Fresh Texas. C. D. Jarratt Company. 208,895; Feb. 9; Serial No. 207,080; published Nov. 24, 1925.
Teas, Mixed. New Orleans Import Co. 53,492; renewed June 5, 1926.
Walnuts and peanuts. Hale Company, 208,673; Feb. 9; Serial No. 216,390; published Nov. 24, 1925.

CLASS 48.

Beer. Erie Brewing Company. 27,691; renewed Jan. 28, 1926.
Beer, Lager. Christian Moerlein Brewing Co. 47,988; renewed Dec. 5, 1925.
Beer, Near. Jacob Ruppert, Inc. 208,875; Feb. 9; Serial No. 220,740; published Nov. 24, 1925.
Beverages, Malt. Liebmann Breweries, Inc. 208,710; Feb. 9; Serial No. 203,134; published Nov. 24, 1925.
Malt extract. Bosch Food Products Co. 208,826; Feb. 9; Serial No. 219,221; published Nov. 24, 1925.
Malt extracts. M. K. Goetz Brewing Co. 53,405, renewed June 5, 1926.
Malt extracts. Providence Malt Co. 208,937; Feb. 9; Serial No. 221,510; published Nov. 24, 1925.

CLASS 49.

Whisky. H. Blum. 208,779; Feb. 9; Serial No. 217,917; published Nov. 24, 1925.
Whisky. Kentucky Distilleries & Warehouse Co. 208,929; Feb. 9; Serial No. 220,855; published Nov. 24, 1925.

CLASS 50.

Decorative material made of woven goods and loose fibers and articles made therefrom. Joseph M. Stern Co. 208,945; Feb. 9.

ALPHABETICAL LIST OF LABELS.

Adco. For Woven Textile Fabric Composed in Whole or in Part of Silk, Rayon, or Other Silk Substitute. Adams Manufacturing Company. 29,897; Feb. 16.
Arabia Dry. For Ginger Ale. Buffalo Products Co. 29,902; Feb. 9.
Atlas. For Ginger Ale. Atlas Brewing Company. 29,898; Feb. 9.
Attracto. For Cigars. W. W. Muehlhauser. 29,915; Feb. 9.
Barnett's Meadowlark Chocolates. For Chocolates. J. G. Barnett. 29,899; Feb. 9.
Ben-dix Ointment. For Ointment. A. Brandt. 29,901; Feb. 9.
Blue Ribbon. For a Pharmaceutical Preparation. Blue Ribbon Chemical Co. 29,900; Feb. 9.
Breaks Ice Quick. For Ice Picks. Fletcher Works, Incorporated. 29,908; Feb. 9.
Chicks. For Eggs. Menasha Printing and Carton Company. 29,914; Feb. 9.
Clearsight. For a Glass Clearer and Polish. C. A. Malkels. 29,911; Feb. 9.
Dixie Queen. For Butter. Southern Dairies, Inc. 29,922; Feb. 9.
El Comedor. For Cigars. W. W. Muehlhauser. 29,917; Feb. 9.
Equity Sweet Cream Butter. For Butter. Hickman & Coward. 29,910; Feb. 9.
Espiquet (S. P. K.). For Sauce. Price Flavoring Extract Co. 29,919; Feb. 9.
Frisch Process. For Bread. E. Frisch. 29,909; Feb. 9.
Gipsy Health Tablets. For Gipsy Health Tablets. L. E. Crouse. 29,905; Feb. 9.
Gold Leaf. For Butter. Menasha Printing and Carton Company. 29,913; Feb. 9.
Magnolia. For Malt Sirup. Union Beverage Company. 29,924; Feb. 9.
My Buddy. For Prepared Foods—Namely, a Powder Adapted for Making Chocolate Malted-Milk Beverages. Consumers Malted Milk Co. 29,904; Feb. 9.
Nehi. For a Nonalcoholic, Maltless, Noncereal Beverage Sold as a Soft Drink. Chero-Cola Company. 29,903; Feb. 9.
Peter Manning. For Cigars. W. W. Muehlhauser. 29,916; Feb. 9.
Quick Way 2 in 1 Hopmalt. For Malt Extract. H. Meinhardt & Company. 29,912; Feb. 9.
Railroad Liniment. For Liniment. Dr. I. E. Scripture. 29,921; Feb. 9.
Skin-I-Dine (the letter "I" not appearing, but being represented by a picture of the human eye). For Remedy for Fresh Cuts, Abrasions, Scratches, and Other Wounds. Derma-Iodine Company. 29,907; Feb. 9.
Town Talk. For Self-Opening Paper Bags. Wortendyke Manufacturing Co. 29,926; Feb. 9.
Va-Ja. For an Antiseptic Powder. L. Deneroff. 29,906; Feb. 9.
Victrolac. For Lacquer. Victof L. Roeder Co. 29,920; Feb. 9.
Wheatone. For Cereal Breakfast Food. National Food Company. 29,918; Feb. 9.
Whole Wheat Bread. For Bread. Wax Wrap Paper Co. 29,925; Feb. 9.

ALPHABETICAL LIST OF PRINTS.

Ben-Dix Ointment. For Ointment. A. Brandt. 8,558; Feb. 9.
Boys and Girls Earn Easy Christmas Money. For Christmas Seals. G. C. Wilson. 8,566; Feb. 9.
Edison Mazda Lamps. For Edison Mazda Lamps. Edison Lamp Works of G. E. Co. 8,561; Feb. 9.
Interwoven Socks For Christmas. For Hosiery. Interwoven Stocking Company. 8,562; Feb. 9.
Ok Vens. For Candy and Confectionery. Mills Novelty Company. 8,563; Feb. 9.
The Million Dollar Overall. For Overalls. The Crown Overall Mfg. Company. 8,560; Feb. 9.
The Modern Plumber. For Plumbing Fixtures. The Republic Brass Company. 8,565; Feb. 9.
Use Sheet Metal For Beauty and Permanence. For Sheet Metal. National Association of Sheet Metal Contractors of the United States. 8,564; Feb. 9.
When 3,000 Mothers Made This Startling Discovery About Their Children. For Wheat Breakfast Food. Cream of Wheat Co. 8,559; Feb. 9.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 2.

Boxes, acid-proof containers, vanity boxes, etc., Cash. Bakelite Corporation. 222,422; Feb. 9.
Tanks, Pressure. Duro Pump and Manufacturing Company. 220,506; Feb. 9.

CLASS 3.

Cases, bags, trunks, and dressing cases, Dress-suit. E. N. Kennedy, Incorporated. 223,921; Feb. 9.
Pocketbooks, Leather. McCabe & Schoenholz, Inc. 223,856; Feb. 9.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Pouches, cases, or containers, Key. C. Lorber. 224,029; Feb. 9.
Trunks, bags, and suitcases. Independent Trunk & Bag Co. 223,092; Feb. 9.

CLASS 4.

Automobile top dressings. E. W. Richards. 225,036; Feb. 9.
Cleaners for carpets, rugs, furniture, etc. H. Stromberg. 179,235; Feb. 9.
Oil, Shoe. W. A. Bailey. 224,492; Feb. 9.
Razor-strop dressing. A. L. Klopfenstein. 224,766; Feb. 9.
Soap and soap powder. Jonathan Levi Co. 223,039; Feb. 9.
Soaps. Parfumerie Roger et Gallet. 224,261; Feb. 9.

CLASS 6.

Ammonia. Frank E. Harris Co. 224,402; Feb. 9.
Antidyspeptic preparation. Reed & Carnrick. 224,781; Feb. 9.
Antiseptic disinfectant and deodorant compound. George E. Halsey, Inc. 220,852; Feb. 9.
Antiseptic preparation, throat tablets, hydrogen peroxide, etc., Liquid. John T. Milliken & Company. 222,990; Feb. 9.
Bluing, Liquid. J. T. Spiker. 223,554; Feb. 9.
Carburizing compound. Security Manufacturing Company. 224,426; Feb. 9.
Coal-tar colors. Society of Chemical Industry in Basle. 224,840–1; Feb. 9.
Compound for treating pyorrhea. Bedwell & Hamilton. 224,448; Feb. 9.
Deodorant, Body. A. J. Schele. 224,534; Feb. 9.
Device having the properties of repelling and exterminating moths, other insects, and rodents and of deodorizing, fumigating, scenting, etc. Nuodex Products Co. 224,346; Feb. 9.
Disinfectant or deodorant compound. Janitors' Supply House, Inc. 209,793; Feb. 9.
Fluid ink eradicator. Ink-Out Manufacturing Co. 224,092; Feb. 9.
Hair and skin pomade. T. Davis. 223,770; Feb. 9.
Hairdressing. E. W. Briley. 224,647; Feb. 9.
Hairdressing. Certified Products Company. 207,653; Feb. 9.
Hairdressing. Garry & Company. 223,959; Feb. 9.
Laxative compound. Magda Laboratories. 224,466; Feb. 9.
Liniment. Royalty Sales Company. 224,626; Feb. 9.
Lip sticks. Lesquendieu, Inc. 224,775; Feb. 9.
Manicure preparations. Dr. M. Albersheim. 218,889; Feb. 9.
Manicure preparations, cuticle remover, cuticle salve, etc. J. Schanzenbach. 224,729; Feb. 9.
Medicinal preparation. W. A. Purington. 224,531; Feb. 9.
Medicinal preparation for the treatment of colds, la grippe, and flu. W. C. Bender. 222,302; Feb. 9.
Medicine for use in the treatment of rheumatism, backache, and colds. Bradham Drug Company. 224,803; Feb. 9.
Medicines. W. J. Grace. 224,455; Feb. 9.
Oil primarily used in the preparation of cold cream, White. Underhay Oil Co. 224,848; Feb. 9.
Ointment used for the treatment of inflammation and the healing of cuts, etc. Guthrie Chemical Company. 210,234; Feb. 9.
Perfume. Houbigant, Inc. 210,556; Feb. 9.
Perfume, toilet water, face powder, talcum, and rouge. Paul Rieger & Co. 211,543; Feb. 9.
Powders, toilet waters, rouges, perfumes, etc., Face. O. J. Cohen. 224,595; Feb. 9.
Powders, toilet waters, rouges, perfumes, etc., Face. Read Drug & Chemical Co. 224,780; Feb. 9.
Preparation for removing hair from the human body. S. L. Suriani. 223,667; Feb. 9.
Preparation for the treatment of carbuncles, boils, pimples, and such like ailments, Blood. E. J. Connell. 224,810; Feb. 9.
Rouge for face and lips, Liquid. C. D. Reynolds. 224,473; Feb. 9.
Salts, Bath. James Boach & Sons. 223,993; Feb. 9.
Salts, Bath. Chas. Schaefer & Son. 221,727; Feb. 9.
Salve and ointment and hand and face lotions, Scalp. A. Hastad. 222,378; Feb. 9.
Salve, Pile. J. P. Miller. 220,152; Feb. 9.
Scalp and head preparation. I. La Rosa. 222,383; Feb. 9.
Spasmodic which is used for the treatment of tabes, etc. J. D. Riedel Aktiengesellschaft. 221,638; Feb. 9.
Tablet for relief of pain. Barbasol Company. 224,494; Feb. 9.

CLASS 9.

Ammunition. United States Cartridge Company. 224,791; Feb. 9.
Matches. E. Hansson. 220,229; Feb. 9.

CLASS 10.

Fertilizer. Nitrate Agencies Company. 222,278; Feb. 9.

CLASS 13.

Brass and other pipe and tubing. Chase Metal Works. 224,001; Feb. 9.
Corrugated culverts, plain conductor pipes, square corrugated conductor pipes, etc. Newport Rolling Mill Co. 219,343; Feb. 9.

CLASS 14.

Corrugated metal sheets and plain metal sheets. Newport Rolling Mill Co. 219,344; Feb. 9.
Iron. Kloster Steel Corporation. 222,326; Feb. 9.
Iron and steel, raw bars, and blooms, Wrought and rolled. Stora Kopparbergs Bergslags Aktiebolag. 220,042–3; Feb. 9.

CLASS 15.

Fuel composed of a blend of benzol and gasoline, Motor. General Oil Corporation. 196,913; Feb. 9.
Gasoline, kerosene, lubricating greases, etc. Gilmore Oil Company. 220,714; Feb. 9.
Oils and greases, gasoline, and kerosene, Lubricating. States Oil Company. 224,733; Feb. 9.
Oils, Fuel and lubricating. A. T. Locke. 224,567; Feb. 9.

CLASS 16.

Paint enamels, flat white, varnishes, etc. Elco Paint Products, Inc. 215,511; Feb. 9.
Paint, paint enamels, and varnishes. Globe Varnish Company. 210,519; Feb. 9.

CLASS 17.

Tobacco, Smoking. Smith & Scott Tobacco Co. 224,680; Feb. 9.

CLASS 21.

Switch plates. Switch Plate Corporation. 213,051; Feb. 9.

CLASS 22.

Golf clubs and tennis rackets, Leather grips for. Runchey Grip Mfg. Co. 210,810; Feb. 9.

CLASS 23.

Bearings, rings, washers, etc., Ball. Skayef Ball Bearing Company. 224,833; Feb. 9.
Cultivator, Power. Frank Held Tractor Co. 221,960; Feb. 9.
Darbies. Sand's Level & Tool Co. 224,154; Feb. 9.
Excavating machines, etc., Repair parts for trench-. Inland Engineering Company. 221,704; Feb. 9.
Hawks, Plasterers'. Sand's Level & Tool Co. 222,946; Feb. 9.
Pastry and confection designers. W. J. Ryan. 220,474; Feb. 9.
Springs used in cutlery, machinery, and tools, and parts thereof. Wallace Barnes Company. 211,814; Feb. 9.
Threading machine. Williams Tool Corporation. 223,674; Feb. 9.
Typewriters, ribbon-inking machines, etc. Wanderer-Werke vorm. Winklhofer & Jaenicke Aktiengesellschaft. 205,042; Feb. 9.

CLASS 25.

Locks and parcel lockers. Parloc Service Corporation. 222,393; Feb. 9.

CLASS 26.

Binoculars, including telescopes, opera, field, and marine glasses. Sussfeld, Lorsch & Schimmel. 223,557; Feb. 9.
Elastic and other properties of dough and other materials, Devices for determining the. Societe d'Exploitation Brevets et d'Applications Industrielles. 221,458; Feb. 9.
Recording instruments, Mileage, time, and speed. Ohmer Fare Register Company. 223,936; Feb. 9.
Rules, Folding. Lufkin Rule Co. 222,262; Feb. 8.

CLASS 30.

Chinaware bowls. Ralston Purina Company. 211,491; Feb. 9.

CLASS 31.

Ice boxes and refrigerators. Fairfield Manufacturing Co. 191,062; Feb. 9.

CLASS 32.

Furniture, Folding camp. Douglas Manufacturing Company. 224,082; Feb. 9.
Mattresses. A. Brandwein & Co. 224,651; Feb. 9.

CLASS 35.

Hose. F. Reddaway & Company. 223,333; Feb. 9.

CLASS 37.

Metal art goods. Heintz Art Metal Shop. 219,033; Feb. 9.
Pads, blank booklets, ruled booklets, etc., Blank. M. H. Davidson Company. 221,481; Feb. 9.
Paper and envelopes, correspondence cards and envelopes, etc., Writing. Woodward & Lothrop. 224,168; Feb. 9.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Paper, Continuous-feed device for dispensing writing. M. Moran. 218,714; Feb. 9.
Paper, Envelope. Northwest Paper Company. 222,134; Feb. 9.
Paper napkins, toilet paper, and paper towels. Fort Howard Paper Company. 224,603; Feb. 9.
Paper, Toilet. Hoberg Paper & Fibre Company. 219,743–4; Feb. 9.
Paper, Tracing. Keuffel & Esser Company. 223,524–6; Feb. 2.
Paper, Wall. A. C. Dodman, Jr., Inc. 223,772; Feb. 9.
Pencils. Joseph Dixon Crucible Company. 224,191; Feb. 9.
Stationery forms. W. T. Manning. 221,749; Feb. 9.

CLASS 38.

Cartoons in the form of a comic strip. King Features Syndicate, Inc. 224,143; Feb. 9.
House organ. Nash Engineering Company. 223,734; Feb. 9.
Labels and tags. Worumbo Manufacturing Company. 206,101; Feb. 9.
Lithographs, photographs, advertising cuts and mats, and press books. Arrow Film Corporation. 169,998; Feb. 9.
Magazine issued periodically. Laundry and Dry Cleaning Service, Inc. 223,965; Feb. 9.
Magazine, Monthly. Camera Craft Publishing Company. 223,501; Feb. 9.
Magazine, Weekly. Atlas Publishing Company. 222,725; Feb. 9.
Magazines, Biweekly. Porter-Bede-Langtry Corporation. 224,045; Feb. 9.
Magazines, Biweekly. Porter-Langtry Company. 224,047; Feb. 9.
Newspaper columns. Shepard Norwell Co. 221,641; Feb. 9.
Newspaper, Title of a daily comic strip in Evening World. Press Publishing Company. 223,802; Feb. 9.
Publications. Monthly. E. Rosenthal. 218,274; Feb. 9.
Trade bulletin, Daily. M. Schreiber. 223,607; Feb. 9.

CLASS 39.

Apparel, Women's wearing. Ted Edelman, Inc. 216,827; Feb. 9.
Aprons and dresses Oaras Aprons, Inc. 224,290; Feb. 9.
Aprons, dresses, slip-overs, waists, Bungalow. Directors of Maryville College. 206,884; Feb. 9.
Bloomers, princess slips, nightgowns, etc. American Maid Company. 222,491; Feb. 9.
Boots and shoes. J. W. Carter Company. 225,110; Feb. 9.
Dresses, One-piece. Chic-Knit Distributing Co. 205,196; Feb. 9.
Garments. P. A. Leaf. 223,392; Feb. 9.
Garters, Men's. George Frost Company. 224,660; Feb. 9.
Hats. Mabley and Carew Co. 219,750; Feb. 9.
Hats. Mallory Hat Company. 199,374; Feb. 9.
Hats, Boys'. Fine & Levy Inc. 224,281; Feb. 9.
Hats, Men's. Caradine Hat Company. 224,902; Feb. 9.
Hosiery. Deerden Hosiery Mills, Inc. 224,600; Feb. 9.
Hosiery. Durnham Hosiery Mills. 224,504; Feb. 9.
Hosiery. Puritest Silk Hosiery Corporation. 224,620; Feb. 9.
Overall jumpers, work shirts, work pants, etc. Washington Manufacturing Co. 215,764; Feb. 9.
Rubber pants or bloomers, Babies'. Parker, Stearns & Company. 224,616; Feb. 9.
Rubber soles and bottoms for shoes. Endicott Johnson Corporation. 225,084; Feb. 9.
Shoes. Hamilton, Brown Shoe Company. 225,185; Feb. 9.
Shoes. Kalb Shoe Mfg. Co. 224,916; Feb. 9.
Suits and coats, Men's. Hart, Schaffner & Marx. 224,560; Feb. 9.
Suits, Men's. Foreman's Inc. 224,556; Feb. 9.
Sweaters. Perry Knitting Company. 223,801; Feb. 9.
Underwear, and gloves of leather, etc., Silk. Gluvsilk Undergarment Co. 201,084; Feb. 9.
Underwear, Ladies' and children's silk. A. Manheim. 224,568; Feb. 9.
Undergarments, Women's. R. Hanskat. 223,916; Feb. 9.
Underhose. Marshall Field & Company. 216,523; Feb. 9.

CLASS 40.

Cord or ribbon binding. H. M. Eaton, trustee. 222,446; Feb. 9.
Fringes, braids, galloons, cords, etc. E. L. Mansure Company. 219,974; Feb. 9.

CLASS 42.

Blankets, Textile. Pendleton Woolen Mills. 223,742; Feb. 9.
Cashmere and wool cloth in the piece. S. Stroock & Co. 211,391; Feb. 9.
Cotton goods in the piece. Standard Cloth Company. 224,732; Feb. 9.
Cotton piece goods, artificial-silk piece goods, and piece goods being mixtures of cotton and artificial silk. Trippe, Barker & Co. 224,634; Feb. 9.
Cotton, silk, woolen, or mixed materials, Short lengths of. Bear Mill Manufacturing Company. 224,374; Feb. 9.
Fabrics made out of all cotton. Samuel Fox's Sons Incorporated. 223,779–80; Feb. 9.
Knitted fabric. Alcone Knitting Mills. 221,299; Feb. 9.
Mohair piece goods and piece goods of combination of cotton, wool, mohair, alpaca, etc. Goodall Worsted Co. 220,896; Feb. 9.
Piece goods. Lesher, Whitman & Co. 222,467; Feb. 9.
Silk and wool piece goods. Susquehanna Silk Mills. 217,905; Feb. 9.
Silk, artificial silk, and combinations thereof, Woven fabrics of. Amaranth Fabrics, Inc. 224,738; Feb. 9.
Silk, artificial silk, cotton, or combinations thereof in the piece. Ullman-Levinthal Silks Corporation. 224,789; Feb. 9.
Silk fabric. Samuel N. Magill, Inc. 225,367; Feb. 9.
Textile fabrics. Goldstein-Wilkins Corporation. 225,414; Feb. 9.
Textile fabrics, Worsted and woolen. Holden-Leonard Co. 224,706; Feb. 9.
Wool and cotton piece goods. Appleton Company. 225,546; Feb. 9.
Wool cloth in the piece. S. Stroock & Co. 211,393; Feb. 9.

CLASS 44.

Dental instruments. S. S. White Dental Manufacturing Company. 224,440; Feb. 9.
Dental cement. S. S. White Dental Manufacturing Company. 224,439; Feb. 9.
Electrotherapeutic outfits and cabinets. A. S. Aloe Co. 223,358; Feb. 9.
Massage device. Thompson-Barlow Company, Inc. 218,936; Feb. 9.

CLASS 45.

Water, Battery. Jack Frost Beverage Company. 224,093; Feb. 9.
Water for drinking purposes. C. S. Smith. 224,627; Feb. 9.

CLASS 46.

Barley. Keen, Robinson & Company Limited. 210,125; Feb. 9.
Bread, Precut. A. Reisman. 224,625; Feb. 9.
Butter. Beatrice Creamery Company. 222,777; Feb. 9.
Butter. G. Sommer. 223,665; Feb. 9.
Candies. F. M. Kranz. 222,076; Feb. 9.
Candies. Marbenk Co. 204,664; Feb. 9.
Candy. Edw. M. Becker Company. 224,227; Feb. 9.
Candy. W. A. Foster. 219,584; Feb. 2.
Candy and candy preparations. Mexican Pecan Candy Co. 223,588; Feb. 9.
Candy. Philadelphia Jobbing Confectioners' Association. 222,340; Feb. 9.
Candy, Chocolate and peanut. George-Adams Company. 208,136; Feb. 9.
Canned asparagus. Golden State Asparagus Company. 214,151; Feb. 9.
Canned corn. Tillman & Bendel, Inc. 210,023; Feb. 9.
Canned fruit and fish, butter, bread, ice cream, and eggs. Mutual Creamery Company. 221,845; Feb. 9.
Canned fruits and dried fruits and canned vegetables. Coykendall, Inc. 221,241; Feb. 9.
Canned fruits and vegetables. Fred B. Neuhoff Company. 224,825; Feb. 9.
Canned fruits and vegetables. United States Products Corporation. 225,211; Feb. 9.
Canned fruits and vegetables, coffee and tea, spices, etc. M. Winer & Co. 219,051; Feb. 9.
Canned fruits, berries, and vegetables. Sutherland & McMillan. 187,784; Feb. 9.
Canned peas, beans, and beets. Gillett Canning Company. 224,012; Feb. 9.
Canned vegetables, fish, and fruit. Banner Wholesale Grocery Co. 223,992; Feb. 9.
Chocolate. West-Indische Import Compagnie. 223,567; Feb. 9.
Chocolate confectionery for eating, drinking, and cooking. W. J. Boon & Company. 219,525; Feb. 9.
Citrous and deciduous fruits, berries, grapes, etc., Fresh. American Fruit Growers Incorporated. 217,060; Feb. 9.
Coffee. John H. Wilkins Co. 214,298–301; Feb. 9.
Coffee. John H. Wilkins Co. 214,303; Feb. 9.
Cooking fat and shortening. P. A. Sherikjian. 219,352; Feb. 9.
Crackers. Felber Biscuit Company. 224,005; Feb. 9.
Crackers. Pacific Coast Biscuit Company. 222,043; Feb. 9.
Extracts and emulsions, etc., Food-flavoring. Hartung Brothers. 223,170; Feb. 9.
Figs, Fresh, canned, and preserved. Beaumont Hamshire Fig Company. 213,612; Feb. 9.
Flour, Wheat. Larabee Flour Mills Corporation. 220,545–6; Feb. 9.
Flour, Wheat. Nebraska Consolidated Mills Company. 224,614; Feb. 9.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Flour, Wheat. Sperry Flour Company. 224,628; Feb. 9.
Fruits, citrous fruits, vegetables, and cantaloupes, Fresh deciduous. Earl Fruit Company. 220,647; Feb. 9.
Fruits, Dried. Prince Dried Fruit Co. 221,029; Feb. 9.
Grapes, Fresh. Frey Bros. 205,521; Feb. 9.
Grapes, Fresh. Hahn & Livingston Packing Co. 221,007; Feb. 9.
Grapes, Fresh. M. D. Hopper. 220,303; Feb. 9.
Gum, Chewing. American Chicle Company. 224,854; Feb. 9.
Gum, Chewing. Goudey Gum Co. 225,415–16; Feb. 9.
Ham, bacon, sausages, smoked beef, and pork. Jacob Forst Packing Company. 214,542; Feb. 9.
Jams, fruit preserves, vegetable preserves, marmalade, etc. Wm. P. Hartley (London & Aintree) Limited. 189,895–6; Feb. 9.
Lard and meats, Leaf. Kroger Grocery & Baking Co. 222,682; Feb. 9.
Lard, shortening, and sausage. John Morrell & Co. 223,251; Feb. 9.
Macaroni and cottonseed oil. B. Filippone & Co. 224,701; Feb. 9.
Macaroni, Ready-cut. Kansas City Macaroni & Importing Co. 224,711; Feb. 9.
Oranges. Strathmore Fruit Growers Association. 215,22; Feb. 9.
Oranges, tangerines, tangelos, lemons, limes, etc. Lake Ariana Packing Co. 222,511; Feb. 9.
Potatoes. Colorado Potato Grower's Exchange. 221,408–9; Feb. 9.
Rice. R. E. Putnam. 220,867; Feb. 9.
Sardines, Bottled and canned. S. S. Simon. 224,364; Feb. 9.
Sirup for food purposes, Malt. S. Fine. 224,376; Feb. 9.
Sirups, Food. Ridenour-Baking Grocery Company. 216,219; Feb. 9.
Tartar sauce, mayonnaise dressing, and Thousand Island dressing. May Department Stores Company. 205,540; Feb. 9.
Tea. T. Kageyama. 223,094; Feb. 9.
Tea, cocoa, rice, tapioca, etc. Davies-Strauss-Stauffer Company. 221,354; Feb. 9.
Tomatoes, Fresh. Union Fruit Co. 224,849; Feb. 9.

CLASS 49.

Whisky. Baltimore Distilling Co. 224,540; Feb. 9.

CLASS 50.

Beekeepers' supplies, Wooden. G. B. Lewis Company. 218,924; Feb. 9.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 9TH DAY OF FEBRUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Abbenzeller, Alfred D., Boston, assignor to Harrington & Richardson Arms Co., Worcester, Mass. Handcuff. 1,572,262; Feb. 9.

Abbott, Edward J., Wilton, N. H. Winding machine. 1,571,925; Feb. 9.

Adam, Jean-Baptiste C., Sault Ste. Marie, Canada. Drop seat for garments. 1,572,099; Feb. 9.

Adsit, John O., New York, N. Y. Drawing board. 1,572,346; Feb. 9.

Advance Automobile Accessories Corporation. (See Gray, Orrin D., assignor.)

Advanced Engine Co. (See Gould, Edward G., assignor.)

Aeromarine Plane & Motor Company. (See Zimmermann, Paul G., assignor.)

Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Multiplex signaling system. 1,572,757; Feb. 9.

Ahlburg, Frank, Los Angeles, Calif. Marking device. 1,572,062; Feb. 9.

Aktiebolaget Ljungstroms Angturbin. (See Ljungström, B., Eriksson, and Ljungström, assignors.)

Aktieselskabet Eto Electro Co. (See Klærbye, Oluf, assignor.)

Allan, Hugh L., Ayr, Scotland. Heat-exchange device. 1,572,374; Feb. 9.

Allec, Henry, assignor of one-third to J. A. Fenno and one-third to J. Pisenti, Stockton, Calif. Gas saver for internal-combustion engines. 1,572,701; Feb. 9.

Allemeier, Albert W., assignor to The Woodcraft Company, Toledo, Ohio. Article of furniture. 1,572,375; Feb. 2.

Allen, A. C., et al., trustees. (See Matheson, Andrew A., assignor.)

Allison, James A., et al. (See Gilman, Norman H., assignor.)

Alos Apparatebau, Gesellschaft mit beschrankter Haftung. (See Ley, Christian, assignor.)

Alsatian Machine Works Limited. (See Tunstall, Harry, assignor.)

Alsfasser, Joseph, Chicago, Ill. Lock for damper regulators. 1,571,990; Feb. 9.

Altorfer, Alpheus W., Peoria, assignor to Altorfer Bros. Company, East Peoria, Ill. Driving mechanism for ironing machines. 1,572,633; Feb. 9.

Altorfer Bros. Company. (See Altorfer, Alpheus W., assignor.)

Altwegg, Jean, and E. F. Chermette, Lyon, France, assignors to Societe Chimique des Usines du Rhone, Paris, France. Manufacture of condensation products of compound aliphatic-aromatic ketones with polyalcohols. 1,572,176; Feb. 9.

Aluminum Company of America. (See Archer, R. S., and Edwards, assignors.)

Aluminum Company of America. (See Frary, Francis C., assignor.)

Aluminum Company of America. (See Jeffries, Z., and Archer, assignors.)

Aluminum Company of America. (See Johnston, R. L., Archer, and Jeffries assignors.)

Aluminum Company of America. (See Pacz, Aladar, assignor.)

Aluminum Company of America. (See Tilson, Donald H., assignor.)

Aluminum Die-Casting Corporation. (See Johnston, Roderick L., assignor.)

Aluminum Manufacturers, Incorporated. (See Crosby, Ernest R., assignor.)

American Can Company. (See Butler, William F., assignor.)

American Chicle Company. (See Van Buren, John, assignor.)

American Copperas Company. (See Marsh, H. S., and Cochran, assignors.)

American Electrical Heater Company. (See Kuhn, F., and Hand, assignors.)

American Flatlike Company, The. (See Balsillie, John G., assignor.)

American Lakes Paper Company. (See Weber, Herman G., assignor.)

American Laundry Machinery Company, The. (See Carroll, Emil J., assignor.)

American Moistening Company. (See Jackson, John W., assignor.)

American National Company, The. (See Bingham, Jeremiah, assignor.)

American Rolling Mill Company, The. (See Tytus, John B., assignor.)

American Sheet and Tin Plate Company. (See Porter, R., and Whetzel, assignors.)

American Telephone and Telegraph Company. (See Affel, Herman A., assignor.)

American Telephone and Telegraph Company. (See Bailey, Rand S., assignor.)

American Telephone and Telegraph Company. (See Fay, Frank H., assignor.)

American Telephone and Telegraph Company. (See Fox, Francis H., assignor.)

American Telephone and Telegraph Company. (See Herman, Joseph, assignor.)

American Wiremold Company. (See Frederickson, Otto A., assignor.)

Anderson, Adolph L., Zumbrota, Minn. Silo construction 1,572,589; Feb. 9.

Anderson, Paul. (See Godwin, A. L., and Anderson.)

Anderson, Robert J., Sidney, Ohio. Clothes wringer. 1,572,758; Feb. 9.

Anderson, Robert J., Sidney, Ohio. Clothes wringer. 1,572,759; Feb. 9.

Andrews, Fred, Detroit, Mich. Device for placing belts on pulleys. 1,572,830; Feb. 9.

Animal Trap Company of America. (See O'Neil, Jeremiah, assignor.)

Annabel, Charles C. (See Letts, Ellsworth M., assignor.)

Appleton, Joseph H., Port Washington, assignor to Leach Company, Oshkosh, Wis. Machine for making links or similar articles. 1,572,175; Feb. 9.

Archer, Robert S. (See Jeffries, Z., and Archer.)

Archer, Robert S. (See Johnston, R. L., Archer, and Jeffries.)

Archer, Robert S., East Cleveland, Ohio, and J. D. Edwards, Pittsburgh, Pa., assignors to Aluminum Company of America, Pittsburgh, Pa. Making castings of aluminum-silicon alloys. 1,572,459; Feb. 9.

Arnau, Ramón R., San Juan, P. R. Optical device. 1,572,760; Feb. 9.

Ash, Marsellus T., Chicago, Ill. Object-dispensing machine. 1,572,263; Feb. 9.

Atkinson, Frederick C., Indianapolis, Ind., assignor to John W. Garland, Inc., Pittsburgh, Pa. Destructive distillation. 1,572,510; Feb. 9.

Automatic Electric Inc. (See Ray, Arthur J., assignor.)

Axelman, Harry W. (See Axelman, Mayer and H. W.)

Axelman, Mayer and H. W., Chicago, Ill. Reenforced suitcase. 1,572,868; Feb. 9.

Ayres, Elwood B., Melrose Park, assignor to Proctor and Schwartz, Incorporated, Philadelphia, Pa. Carrying frame for leather driers. 1,572,831; Feb. 9.

Ayres, Elwood B., Melrose Park, and A. O. Hurxthal, Philadelphia, Pa., assignors to Proctor and Schwartz, Incorporated, Philadelphia, Pa. Locking device for drying frames. 1,572,832; Feb. 9.

Babka, Joseph J., Berwyn, Ill. Mixing machine. 1,571,926; Feb. 9.

Bachmeyer, Engelbert W., Hawley, Pa. Supertransposing piano. 1,572,841; Feb. 9.

Badische Anilin- & Soda-Fabrik. (See Günther, F., and Lange, assignors.)

Badische Anilin- & Soda-Fabrik. (See Wietzel, Rudolf, assignor.)

Bailey, Rand S., Montclair, N. J., assignor to American Telephone and Telegraph Company. Telephone ringing system. 1,571,991; Feb. 9.

Baker, Benjamin F., St. Stephen, New Brunswick, Canada. Separable cuff button. 1,572,511; Feb. 9.

Baker, George Pershing, assignor of one-third to L. McCrory and one-third to R. J. Jones, jr., Pawhuska, Okla. Burner construction. 1,572,833; Feb. 9.

Baker-Perkins Company. (See Polnton, John E., assignor.)

Baldridge, Albert G., and L. D. Roberts; said L. D. Roberts assignor to J. A. Hornbeak and P. M. Hornbeak, Fulton, Ky. Dancing toy. 1,572,124; Feb. 9.

Baldwin Locomotive Works, The. (See Dougherty, Richard, assignor.)

Balsillie, John G., Melbourne, Victoria, Australia, assignor, by mesne assignments, to The American Flatlite Company, Cincinnati, Ohio. Light projectors. 1,572,853; Feb. 9.

Banschbach, Edward A., Chicago, Ill. Automobile fender and guard. 1,572,460; Feb. 9.

Barrett, Urbane L. (See Efford, G. A., and Erickson, assignors.)
Bartlemay, Arlie, assignor to The Red Cross Manufacturing Co., Bluffton, Ind. Power transmission mechanism. 1,572,264; Feb. 9.
Bate, Thomas C., et al. (See Jackson, Maunsell B., assignor.)
Bates, William P., Kempton, N. Dak. Dyestuffs and process of making same. 1,572,417; Feb. 9.
Baughman, Harold E., Waterloo, Iowa. Brake for airplanes. 1,572,834; Feb. 9.
Bayles, Lewis C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Throttle valve. 1,571,992; Feb. 9.
Bayles, Lewis C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve for rock drills. 1,571,993; Feb. 9.
Beacon Manufacturing Company. (See Kerwin, William J., jr., assignor.)
Beamer, Minnie J., Flint, Mich. Skirt-measuring device. 1,572,835; Feb. 9.
Beausejour, Reme A., Port Richmond, assignor to Standard Varnish Works, New York, N. Y. Application of cellulose-ester lacquers. 1,572,461; Feb. 9.
Bechtelheimer, Harry A., Rock Island, Ill., assignor, by mesne assignments, to Moline Implement Company. Power farming apparatus. 1,572,462; Feb. 2.
Beck, Joseph, Two Harbors, Minn. Hook. 1,572,347; Feb. 9.
Becker, Leo G. (See Florence, Albert F., assignor.)
Beckwith, Raymond A., assignor to Koehring Company, Milwaukee, Wis. Cable drive for shovels. 1,572,177; Feb. 9.
Bender, Frederick C., Hempstead, N. Y. Musical instrument. 1,572,418; Feb. 9.
Bendix Brake Company. (See Price, Jacob L., assignor.)
Beneke Manufacturing Company. (See Rayfield, Charles L., assignor.)
Benjamin Electric Manufacturing Company. (See McClatchie, Stanley, assignor.)
Benner, Raymond C., Bayside, assignor to The Prest-O-Lite Company, Inc., New York, N. Y. Composition for storage-battery positive electrodes and making same. 1,572,512; Feb. 9.
Bennett, Morris H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Electric furnace. 1,572,634; Feb. 9.
Benton & Stone Limited. (See Milner, Charles E., assignor.)
Bermond, Lester W., St. Paul, Minn., assignor to Swift & Company, Chicago, Ill. Bacon hanger. 1,572,178. Feb. 9.
Berry, Harold R., Brooklyn, N. Y. Constructive conversion of hydrocarbons. 1,571,994; Feb. 9.
Berry, Herbert H., London, England. Electric fire. 1,572,836; Feb. 9.
Besta, Adalbert, Duisburg, Germany. Apparatus for carbonizing bituminous fuels. 1,571,927; Feb. 9.
Betts, Edward D. (See Betts, Helen and E. D.)
Betts, Helen and E. D., Passaic, N. J. Dispensing device. 1,572,837; Feb. 9.
Bielfeldt, Henry. (See Whiteside, Robert E., assignor.)
Binder, Louis, Newark, N. J. Cardboard box. 1,572,125; Feb. 9.
Bingham, Jeremiah, assignor to The American National Company, Toledo, Ohio. Sheet-metal-working machine. 1,572,376; Feb. 9.
Bintz, Wesley, Lansing, Mich. Bathing pool. 1,572,463; Feb. 9.
Birchall, William, Ashbourne, Pa. Centrifugal separator. 1,572,419; Feb. 9.
Birchall, William, Ashbourne, Pa. Centrifugal separator. 1,572,420; Feb. 9.
Birckner, Victor. (See Paine, H. S., Walton, and Birckner.)
Bird, James B., Vancouver, Wash. Liquid-fuel burner. 1,572,838; Feb. 9.
Birbetter Manufacturing Company. (See Croxford, John S., assignor.)
Bjorklund, Charles, St. Paul, Minn. Intake-connecting bolt. 1,572,464; Feb. 9.
Black, John C., Destrehan, La., and J. W. Weir, Fillmore, Calif. Manufacturing lubricating oils. 1,572,465; Feb. 9.
Black, Paul W., San Francisco, Calif. Device for dispensing and moistening gummed tape. 1,572,063; Feb. 9.
Blades, Leroy R., Chicago, Ill., assignor to F. J. Gandy. Auxiliary intake air valve. 1,572,842; Feb. 9.
Blair, Frank M., Newark, Ohio. Enamel metal shingle. 1,572,377; Feb. 9.
Blair, George W., Wabash, Ind. Baked-enamel remover. 1,572,839; Feb. 9.
Blaisdell, Carroll H., Providence, R. I. Paper cutter. Des. 69,380; Feb. 9.
Blakesley, George R., Edgerton, Wis. Electric water heater. 1,572,466; Feb. 9.
Blecksmith, Charles E., Los Angeles, Calif. Rethregding tool. 1,572,064; Feb. 9.
Blodgett, Fred H., Wakefield, Mass. Pruning device. 1,572,100; Feb. 9.
Blue Bird Products Company, The. (See Smith, Clarence S., assignor.)
Bocklisch, Heinrich, deceased, Poughkeepsie, N. Y., by G. W. Gittins, administrator, assignor to Welte-Mignon Corporation, New York, N. Y. Automatic musical instrument. 1,572,857; Feb. 9.
Boehmer, Norris, Montclair, N. J., assignor to Chadeloid Chemical Company. Resinous composition containing chlorinated rubber. 1,572,065; Feb. 9.
Bohan, William J., St. Paul, Minn. Method and apparatus for washing locomotive boilers. 1,571,928; Feb. 9.
Bohn & Herber Maschinenfabrik und Eisengiesserei. (See Finkhaus, Oskar, assignor.)
Boman, Frank W., Moro, Ark. Convertible plow frame. 1,571,995; Feb. 9.
Booker, Russell E., Windber, Pa. Mining machine. 1,572,066; Feb. 9.
Booker, Russell E., Windber, Pa. Mine drill. 1,572,067; Feb. 9.
Bostwick, Grant W. (See Bostwick, Robert W. and G. W.)
Bostwick, Robert W., Detroit, Mich. Window-regulator lock. 1,572,635; Feb. 9.
Bostwick, Robert W. and G. W., Detroit, Mich. Window regulator. 1,572,265; Feb. 9.
Bothner, Emil, Floral Park, N. Y. Electromagnetic compressor. 1,572,126; Feb. 9.
Bourcet, Paul. (See Chevalier, J. M. A., Bourcet, and Regnault.)
Bonrue-Fuller Company. (See Chapin, Fred H., assignor.)
Boye Needle Company, The. (See Flannery, John L., assignor.)
Bowles, Wallace, Meadow Creek, W. Va., assignor, by direct and mesne assignments, of four-twentieths to J. I. Scott, Meadow Creek, W. Va., and one-twentieth to J. E. Decker, Sacoma, W. Va. Automobile wheel rim. 1,572,101; Feb. 9.
Bowman, John J. (See Fulton, H. R., and Bowman.)
Brach, L. S., Manufacturing Co. (See Brach, Leon S., assignor.)
Brach, Leon S., East Orange, assignor to L. S. Brach Manufacturing Co., Newark, N. J. Insulator. Des. 69,381; Feb. 9.
Braddock, Leo I., New Smyrna, Fla. Capping for stucco walls. 1,571,996; Feb. 9.
Bradley, Linn, Montclair, N. J., and E. P. McKeefe, Plattsburg, N. Y. Production of pulp. 1,572,840; Feb. 9.
Branch, Charles J., Philadelphia, Pa. Adjustable pipe hanger. 1,572,636; Feb. 9.
Branchen, Leonard E., assignor to Eastman Kodak Company, Rochester, N. Y. Reducing the viscosity characteristics of nitrocellulose. 1,572,266; Feb. 9.
Brandwood, Joseph, Newton, Mass. Apparatus for the continuous treatment of textile fibers in skein form. 1,572,637; Feb. 9.
Brazeau, Albert. (See Goulet, Joseph, assignor.)
Braunsdorf, William, New York, N. Y. Mop-cleaning device. 1,572,102; Feb. 9.
Bray, Thomas J., jr., Youngstown, Ohio. Steel manufacture. 1,572,179; Feb. 9.
Breen, Edward T., New Haven, Conn. Chair seat. 1,572,378; Feb. 9.
Bréguet, Louis and P., Geneva, Switzerland. Apparatus to control the number of turns of the drawing shaft in drawing benches. 1,572,761; Feb. 9.
Bréguet, Paul. (See Bréguet, Louis and P.)
Brehm, Frederick W., and G. W. Adams, assignors to Eastman Kodak Company, Rochester, N. Y. Camera handle and latch. 1,572,267; Feb. 9.
Breslauer, Joseph, and C. Goudet, assignors to Société d'Etudes Chimiques pour l'Industrie, Geneva, Switzerland. Manufacture of salts of urea. 1,572,638; Feb. 9.
Brewer, John W., assignor of one-half to M. A. Ward, Magna, Utah. Rail-supporting device. 1,572,127; Feb. 9.
Briggs, D. F., Company. (See Slaiger, Henry, assignor.)
Brighton Mills. (See Pearson, W. H., and Kelly, assignors.)
Broadmeyer, Albert, assignor to W. O. Hickok Manufacturing Company, Harrisburg, Pa. Ruling apparatus 1,572,421; Feb. 9.
Bronander, Wilhelm B., Montclair, N. J. Die holder. 1,571, 929; Feb. 9.
Brown, Allen W. (See Finley, T. M., and Brown.)
Brown, Annie M., St. Louis, Mo. Razor-blade cutting and scraping tool. 1,572,702; Feb. 9.
Brown Company. (See Parker, Howard, assignor.)
Browne, L. Richmond, et al. (See Lowry, George A., assignor.)
Brunner, Albert H., Carbondale, Ill. Grease-dispensing device. 1,572,762; Feb. 9.
Brunswick-Balke-Collender Company, The. (See Nystrom, Martin, assignor.)
Bryant Electric Company, The. (See Engstrom, Henry O., assignor.)
Bryce Brothers Company. (See Bryce, Gerard S., assignor.)
Bryce, Gerard S., assignor to Bryce Brothers Company, Mount Pleasant, Pa. Goblet or similar article. Des. 69,382; Feb. 9.
Bryce, Gerard S., assignor to Bryce Brothers Company, Mount Pleasant, Pa. Tumbler or similar article. Des. 69,383; Feb. 9.

Buchanan, Robert B., Hamilton, Ontario, Canada. Doffing apparatus for spinning frames. 1,572,103; Feb. 9.
Buchler, C. A. (See Dufrene, Sylvester, assignor.)
Buckley, Thomas F., Scranton, Pa. Spring-forming machine. 1,572,639; Feb. 9.
Bucyrus Company. (See Fyke, Mitchell L., assignor.)
Budd, Selden J., Manhasset, assignor of one-half to C. W. Smith, Great Neck, N. Y. Fishing reel. 1,572,104; Feb. 9.
Burgess, Louis G., and H. Thompson, Detroit, Mich. Refrigerating apparatus. 1,572,467; Feb. 9.
Burke, Paul, assignor to Northwest Engineering Company, Green Bay, Wis. Clutch-operating means. 1,572,225; Feb. 9.
Burke, Paul, assignor to Northwest Engineering Company, Green Bay, Wis. Clutch-operating mechanism. 1,572,226; Feb. 9.
Burke, Paul, assignor to Northwest Engineering Company, Green Bay, Wis. Clutch mechanism. 1,572,227; Feb. 9.
Burke, Paul, assignor to Northwest Engineering Company, Green Bay, Wis. Fairlead for dragline excavators. 1,572,228; Feb. 9.
Burke, Paul, assignor to Northwest Engineering Company, Green Bay, Wis. Power system. 1,572,229; Feb. 9.
Burke, Paul, assignor to Northwest Engineering Company, Green Bay, Wis. Servo mechanism. 1,572,230; Feb. 9.
Burson Knitting Company. (See Ziock, Edward J., assignor.)
Busch-Sulzer Bros.-Diesel Engine Company. (See Rotter, Max, assignor.)
Bush, A. G. (See Wallis, Henry E., assignor.)
Bush, Bert D. (See Conover, W. E., and Bush.)
Butler, Charles R. (See Trout, W. A., and Butler.)
Butler, William F., Hillside, N. J., assignor to American Can Company, New York, N. Y. Automatic sheet-feeding device. 1,572,640; Feb. 9.
Buvinger, George A., C. Warner, and J. A. Smith, assignors to Delco-Light Company, Dayton, Ohio. Pumping apparatus. 1,572,231; Feb. 9.
Buzby, Walter E., Wichita Falls, Tex. Take-down sling. 1,571,997; Feb. 9.
Buzza, George E., Minneapolis, Minn. Parchment motto and greeting card and making the same. 1,572,180; Feb. 9.
Byrd, Britton E., assignor to Mill Devices Company, Durham, N. C. Knotter device. 1,572,181; Feb. 9.
Byrd, Britton E., assignor to Mill Devices Company, Durham, N. C. Knotter device. 1,572,182; Feb. 9.
Byrne, Edmund J., London, England. Golf-ball tee. 1,572,105; Feb. 9.
C. G. Spring & Bumper Company, The. (See Dunston, Wayne E., assignor.)
Cahn, Bernard, Sacramento, Calif. Dress and suit folder. 1,572,703; Feb. 9.
California Cap Company. (See Oliver, Albert L., assignor.)
Calisen, Jürgen, Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Pharmaceutical product. 1,572,768; Feb. 9.
Cambridge Glass Company, The. (See McCartney, Will C., assignor.)
Cameron, Daniel R., Vancouver, British Columbia, Canada. Grain-door latch. 1,572,590; Feb. 9.
Cannon, John W., Providence, R. I. Apparatus for burning liquid fuel. 1,572,591; Feb. 9.
Carlson, Hjalmar G., assignor to Rockwood Sprinkler Company of Massachusetts, Worcester, Mass. Filter. 1,572,379; Feb. 9.
Carow, John J., Washington, D. C. Method of ornamentation. 1,572,348; Feb. 9.
Carpenter, Charles E., New York, N. Y. Paper feed. 1,572,704; Feb. 9.
Carr, Harry L. (See Simons, P. W. Purnell, and Carr.)
Carr, Mattie, Chicago, Ill. Safety device. 1,572,763; Feb. 9.
Carr, Uriel A., Warren, Ohio. Window scaffold or seat. 1,572,592; Feb. 9.
Carroll, Emil J., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Drying machine. 1,572,183; Feb. 9.
Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose-acetate film composition. 1,572,232; Feb. 9.
Carter, Carnie B., and A. E. Coxe, Pittsburgh, Pa., assignors to S. Karpen & Bros., Chicago, Ill. Producing chlor-derivatives of methane. 1,572,513; Feb. 9.
Casey, Stephen M., San Francisco, Calif. Door. 1,572,184; Feb. 9.
Casey, Thomas F., Washington, D. C. Can machine. 1,572,514; Feb. 9.
Cass, Christopher P., Berkeley, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic drain valve. 1,527,185; Feb. 9.
Ceasar, Paul, Brooklyn, N. Y. Steaming device for yarns. 1,571,930; Feb. 9.
Chadeloid Chemical Company. (See Boehmer, Norris, assignor.)
Chamberlin, Benjamin D., assignor to Eastman Kodak Company, Rochester, N. Y. Resilient-type-disk numbering stamp for photographic-printing machines. 1,572,233; Feb. 9.
Chamberlain, John J., assignor to The United States Stoneware Company, Akron, Ohio. Press. 1,572,843; Feb. 9.
Chamberlin, John R., Bronxville, N. Y. Rotary-core drill bit. 1,572,349; Feb. 9.
Chandler, Daniel L., Boston, Mass., assignor, by mesne assignments, to Vend Ads Corp. Vending machine. 1,572,422; Feb. 9.
Chapin, Fred H., assignor to The Bourne-Fuller Company, Cleveland, Ohio. Molding shrink-head casings. 1,572,705; Feb. 9.
Chapin, Fred H., assignor to The Bourne-Fuller Company, Cleveland, Ohio. Mold for making shrink-head castings. 1,572,706; Feb. 9.
Chapman, Harry, Sheffield, England. Means for observing the working conditions in the cylinder of an internal-combustion engine. 1,572,423; Feb. 9.
Chattin, John E., Dahlonega, Ga. Egg beater. 1,572,764; Feb. 9.
Chermette, Edouard F. (See Altwegg, J., and Chermette.)
Chestnut, John H., jr., Tarentum, Pa. Safety mechanism for railway tracks. 1,572,765; Feb. 9.
Chevalier, Joseph M. A., P. Bourcet, and H. Regnault, Paris, France. Distillation of natural resins and oleoresins. 1,572,766; Feb. 9.
Chicago Pneumatic Tool Company. (See Smith, William A., assignor.)
Christensen, Niels C., Salt Lake City, Utah. Treating mixed lead-zinc sulphide ores. 1,572,268; Feb. 9.
Christianson, Andrew, Butler, Pa. Side bearing for car trucks. 1,572,128; Feb. 9.
Christie, Charles H. (See Trontman, F. E., and Christie.)
Chudoba, Frank F., Glastonbury, Conn., assignor, by mesne assignments, to United States Hat Machinery Corporation, Richmond, Va. Felt shrinking. 1,572,424; Feb. 9.
Church, Walter L., West Columbia, Tex. Collapsible drill bit. 1,571,931; Feb. 9.
Ciccolanni, Joseph, Smock, Pa. Aeroplane. 1,572,767; Feb. 9.
Citizens of the United States of America. (See Paine, H. S., Walton, and Birckner.)
Clark, Edgar H., Richmond Hill, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone switch. 1,572,380; Feb. 9.
Clark, James B., Midwest, Wyo. Oil-well sand cleaner. 1,572,769; Feb. 9.
Clause, Robert L., Sewickley, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for making sheet glass. 1,572,468; Feb. 9.
Clauson, William, Boston, Mass. Spring mounting. 1,572,106; Feb. 9.
Clawson, Monroe S., Upper Montclair, N. J. Roughening grinding wheels. 1,572,515; Feb. 9.
Clayton, George S. (See McEwing, L. B., and Clayton.)
Coan, Sherwin M., Allston, Mass. Spring wheel. 1,572,129; Feb. 9.
Cochran, Ralf S. (See Marsh, H. S., and Cochran.)
Cockburn, Francis B., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Apron disk transmission mechanism. 1,572,107; Feb. 9.
Coleman, Effie S., Birmingham, Ala. Corset confiner. 1,571,998; Feb. 9.
Colley, George F., assignor of one-half to J. Q. Roberts, Memphis, Tenn. Bolt lock. 1,572,770; Feb. 9.
Collins, Samuel W. (See Evans, S. R., and Collins.)
Colomb, Henri, Tavannes, Switzerland. Winding-up and hand-setting mechanism in watches. 1,572,516; Feb. 9.
Combs, Albert B. (See Smith, E. G., and Combs.)
Conlon, Thomas A. (See Joyce, Bryan P. assignor.)
Connecticut Telephone & Electric Company, The. (See Johnson, J. E., and Spellman, assignors.)
Connelly, Clyde A., Shelby, Ohio. Towrope. 1,572,771; Feb. 9.
Conover, William E., and B. D. Bush, assignors to Utica Duxbak Corporation, Utica, N. Y. Sportsman's hunting coat. 1,572,517; Feb. 9.
Continental Scale Works. (See Weber Mathias J., assignor.)
Cook, George, Detroit, Mich. Neutral-position detector for automobile pedals. 1,572,186; Feb. 9.
Cook, George E. (See Nelson, H. P., and Davies, assignors.)
Cooper, James F., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Balloon. 1,572,187; Feb. 9.
Corby, Robert L., Chevy Chase, Md., and R. Glasgow, Pittsburgh, Pa., assignors, by mesne assignments, to The Fleischmann Company. Preparing yeast-nutrient solutions and of manufacturing yeast therefrom. 1,571,932; Feb. 9.
Cornelius, Wesley F., Whittier, Calif. Sucker-rod elevator. 1,572,234; Feb. 9.
Corning Glass Works. (See Taylor, William C., assignor.)
Cowles, Irving, Chicago Ill. Auxiliary charge-forming device for automobiles. 1,572,381; Feb. 9.
Cox, Millard F., Louisville, Ky. Grease cup. 1,572,772; Feb. 9.
Coxe, Albert E. (See Carter, C. B., and Coxe.)

Cramer, Stanley S., assignor to Motora Holding Company, Camden, N. J. Pneumatic power generator. 1,572,269; Feb. 9.
Cranford Frederick L. (See Meem, James C., assignor.)
Criswell, William T. (See Fleming, August L. N., assignor.)
Croce, Albert, Memphis, Tenn. Safety catch. 1,572,518; Feb. 9.
Crosby, Ernest R., assignor to Aluminum Manufacturers, Incorporated, Cleveland, Ohio. Metallic alloy. 1,572,382; Feb. 9.
Crossley, Alfred, Washington, D. C. Piezo-electric crystal apparatus. 1 572,773; Feb. 9.
Crowell, Melvin E., Franklin, Ind. Brick or block paving machine. 1,572,188; Feb. 9.
Crowley, Daniel J., Detroit, Mich. Vending machine. 1,572,189; Feb. 9.
Croxford, John S., assignor to Bitbetter Manufacturing Company, Winthrop, Mass. Clutch pedal. 1,572,774; Feb. 9.
Cunningham, James E., assignor of one-half to C. F. McCoy, McKeesport, Pa. Fountain comb. 1,571,933; Feb. 9.
D. & T. Manufacturing Company. (See Dougherty, John M., assignor.)
Dart, James, Chicago, Ill. Door. 1,572,641; Feb. 9.
Dautrick Company, The. (See Dautrick, Owen L., assignor.)
Dautrick, Owen L., assignor to The Dautrick Company, Detroit, Mich. Vertically-slidable inwardly-swinging window. 1,572,775; Feb. 9.
Davenport Manufacturing Co. (See Hansen, John, assignor.)
David, Emanuel. (See Sanderson, Howard, assignor.)
Davies, George. (See Nelson, H. P., and Davies.)
Davis, Francis W., Waltham, Mass. Vibration-absorbing means for steering gears for motor vehicles. 1,572,519; Feb. 9.
Davis, Lemuel M., London, England. Toothbrush. 1,571,999; Feb. 9.
Davis, Lewis F., Santa Ana, Calif. Sucker-rod elevator. 1,572,235; Feb. 9.
Dawe, Charles N. (See Woodside, W. P., and Dawe.)
Day, Dorothy W., Chicago, Ill. Radiator casing. Des. 69,384; Feb. 9.
De Bats, Jean H. L., East Orange, assignor to De Bats Metals Company, Bloomfield, N. J. Alloy. 1,572,593; Feb. 9.
De Bats Metal Company. (See De Bats, Jean H. L., assignor.)
Decarie, Felix O., Sacramento, Calif. Power-operated door. 1,572,108; Feb. 9.
Decker, James E., et al. (See Bowles, Wallace, assignor.)
De Coursey, William B. (See Smith, Lawrence F., assignor.)
De Laval Separator Company, The. (See Hall, S. H., and Hapgood, assignors.)
Delco-Light Company. (See Buvinger, G. A., Warner, and Smith, assignors.)
Delco-Light Company. (See Starr, Frank F., assignor.)
De Lin, Martin, assignor to Holland Furnace Company, Holland, Mich. Liquid-flow-regulating valve. 1,572,469; Feb. 9.
Dennys, Frederick O. B., Lexham Gardens, London, England. Ball carrier. 1,572,383; Feb. 9.
De Nome, Frank, Philadelphia, Pa. Glass-rim stretcher. 1,572,776; Feb. 9.
Deroche, Alexander P., et al. (See Jackson, Maunsell B., assignor.)
Dettelbach, Samuel E. (See Jaworowski, Joseph F., assignor.)
Deubel, Joseph, Clifton, N. J. Rotary engine. 1,572,000; Feb. 9.
Diehl, Christian A., Camden, N. J. Oil burner. 1,572,470; Feb. 9.
Dodge Brothers Inc. (See Goddard, George E., assignor.)
Dodge Brothers Inc. (See Huff, Russell, assignor.)
Doherty Research Company. (See Griswold, Robert G., assignor.)
Dolan & Bullock. (See Nyberg, John G., assignor.)
Don, William, assignor to F. J. Malthaner, New Brunswick, N. J. Fruit preserver. 1,572,196; Feb. 9.
Donnelly, John R., Austin, Tex. Budding tool. 1,572,191; Feb. 9.
Doolittle, Harold L., Los Angeles, Calif. Penstock structure. 1,572,471; Feb. 9.
Doren, Henry E., Edmonds, Wash. Dredge. 1,572,472; Feb. 9.
Dorman, Henry J., Bald Knob, Ark. Harrow. 1,572,777; Feb. 9.
Dorrance, Charles J. (See Richard, Mark R., assignor.)
Dotzert, Jacob, Detroit, Mich., assignor to Wright Manufacturing Company, Lisbon, Ohio. Chain hoist. 1,572,001; Feb. 9.
Dougherty, John M., assignor to D. & T. Manufacturing Company, St. Louis, Mo. Heating system. 1,572,844; Feb. 9.
Dougherty, Richard, assignor to The Baldwin Locomotive Works, Philadelphia, Pa. Oil burner. 1,572,778; Feb. 9.
Dremel, Albert J., Racine, Wis., assignor to The Maytag Company, Newton, Iowa. Wringer mechanism. 1,572,002; Feb. 9.
Dresser, Frank G., Providence, R. I. Dental floss reel. 1,572,707; Feb. 9.
Dubilier Condenser & Radio Corporation. (See Horton, Charles, assignor.)
Duckham, Arthur M., assignor to Thermal Industrial and Chemical (T. I. C.) Research Company Limited, London, England. Apparatus for heat treatment by means of a bath of molten metal. 1,572,779; Feb. 9.
Dufrene, Sylvester, Lockport, assignor of one-half to C. A. Buchler, Westwego, La. Game trap. 1,572,384; Feb. 9.
Dumont, Joseph R., assignor to M. F. Dumon, Kansas City, Mo. Lock. 1,572,109; Feb. 9.
Dumont, Maude F. (See Dumont, Joseph R., assignor.)
Duncan, Arthur L., Oakland, Calif. Apparatus for pitting or coring fruit. Re16,259; Feb. 9.
Dunston, Wayne E., assignor to The C. G. Spring & Bumper Company, Detroit, Mich. Bumper attaching and supporting means. 1,572,594–5; Feb. 9.
Dunston, Wayne E., assignor to The C. G. Spring & Bumper Company, Detroit, Mich. Bumper-supporting means. 1,572,596; Feb. 9.
Dunston, Wayne E., assignor to The C. G. Spring & Bumper Company, Detroit, Mich. Bumper-attaching and supporting means. 1,572,597; Feb. 9.
Duvall, James, Camas, Wash. Shearing device for envelope-making machine and the like. 1,572,110; Feb. 9.
Dwyer, Daniel I., assignor of one-half to E. A. Smith, Dayton, Ohio. Toy airplane. 1,572,270; Feb. 9.
Eastman Kodak Company. (See Branchon, Leonard E., assignor.)
Eastman Kodak Company. (See Brehm, F. W., and Adams, assignors.)
Eastman Kodak Company. (See Carroll, Stewart J., assignor.)
Eastman Kodak Company. (See Chamberlin, Benjamin D., assignor.)
Eastman Kodak Company. (See Frederick, Charles W., assignor.)
Eastman Kodak Company. (See Jones, John G., assignor.)
Eastman Kodak Company. (See Riddell, William A., assignor.)
Eastman Kodak Company. (See Sheppard, S. E., and Eberlin, assignors.)
Eastman Kodak Company. (See Tessler, Julien, assignor.)
Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Electromagnetically-controlled device. 1,572,708; Feb. 9.
Eberlin, Leon W. (See Sheppard, S. E., and Eberlin.)
Ecker, Fred C., Topeka, Kans. Repeating gun for shooting elastic bands. 1,572,350; Feb. 9.
Edwards, Bernhard, Sanford, Fla. Side closure for motor vehicles. 1,572,271; Feb. 9.
Edwards, Junius D. (See Archer, R. S., and Edwards.)
Efford, Grace A., and N. S. Erickson, Chicago, Ill., assignors, by mesne assignments, to U. L. Barrett, Mason City, Iowa. Curtain support. 1,572,845; Feb. 9.
Egloff, Frank S., Riverside, Ill. Oil burner. 1,572,598; Feb. 9.
Einsler, Otto, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Automatic means for letting off steam from a container having in it a boiling liquid. 1,572,272; Feb. 9.
Eischen, Charles J., Los Angeles, Calif. Board joiner. 1,572,780; Feb. 9.
Elder, Samuel, Washington, D. C., assignor to Michle Printing Press & Manufacturing Company, Chicago, Ill. Roll control. 1,571,934; Feb. 9.
Electrical Engineers Equipment Company. (See Jacobs, Ernest H., assignor.)
Electro Dynamic Company. (See Heitman, E., and Treaudeau, assignors.)
Elias, Justin A., Philadelphia, Pa. Paper fastener. 1,572,192; Feb. 9.
Elias, Owen A., London, England. Preparation of aerated beverages. 1,572,111; Feb. 9.
Ellis, Harry R. (See Fessenden, L. P., and Ellis.)
Ellsworth, Benjamin F., Brooklyn, N. Y. Finger guide for typewriters. 1,572,385; Feb. 9.
Elsas, Louis J., Atlanta, Ga. Automatic feeding apparatus for sewing machines. 1,572,351; Feb. 9.
Elton, Nina M., Los Angeles, Calif. Baby crawler. 1,572,273; Feb. 9.
Engel, Frederick S., New York, N. Y. Testing muscular development. 1,572,193; Feb. 9.
Engstrom, Henry O., assignor to The Bryant Electric Company, Bridgeport, Conn. Switch handle. 1,572,130; Feb. 9.
Erbograph Company. (See Hubbard, R. C., and Mutscher, assignors.)
Erickson, Nels S. (See Efford, G. A., and Erickson.)
Erickson, Nils R., Vancouver, British Columbia, Canada. Rocking seesaw. 1,572,194; Feb. 9.
Eriksson, Erik O. (See Ljungström, B., Eriksson, and Ljungström.)
Etheridge, Harry, Zellenople, Pa. Railway-track construction. 1,572,131; Feb. 9.
Evans, David Z., Philadelphia, Pa. Window-shade bracket. 1,572,642; Feb. 9.
Evans, John. (See Ewing, Edwin J., assignor.)
Evans, Samuel R., and S. W. Collins, Tulsa, Okla. Combination sand pump and drill. 1,572,274; Feb. 9.

Evershed & Vignoles, Limited. (See Needham, John C., assignor.)
Ewalt, Harry E., Chicago, Ill. Paper-seasoning machine. 1,572,352; Feb. 9.
Ewing, Edwin J., Cornopolis Borough, assignor of one-half to J. Evans, Westwood, Pa. Combination bathing fixture. 1,572,275; Feb. 9.
Fagerholm, Per E., Stockholm, Sweden. Calculating apparatus. 1,572,520; Feb. 9.
Fahrney, Emery H., Chicago, Ill. Engine. 1,572,709; Feb. 9.
Fairbanks, E. and T., and Company. (See Taylor, William H., assignor.)
Fairchild, Walter L., New York, N. Y. Splicing unvulcanized rubber tubes for automobile tires and the like. 1,572,276; Feb. 9.
Faith Manufacturing Company. (See Faith, Stephen, assignor.)
Faith, Stephen, assignor to Faith Manufacturing Company, Chicago, Ill. Automobile radiator cap. Des. 69,385; Feb. 9.
Falkner, Benjamin H., Cleveland, Ohio, assignor to Western Wheeled Scraper Company, Aurora, Ill. Track shifting and raising machine. 1,572,643; Feb. 9.
Farbenfabriken vorm. Friedr. Bayer and Co. (See Einsler, Otto, assignor.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Meerwein, Hans, assignor.)
Farber, Simon W., Inc. (See Ramge, William, assignor.)
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed-control governor. 1,572,195; Feb. 9.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 1,572,196; Feb. 9.
Farmer, Percy L., Richmond Me. Hose coupling. 1,572,781; Feb. 9.
Farnsworth, William W., Chicago, Ill. Hair cutter. 1,572,644; Feb. 9.
Fay, Frank H., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Telegraph circuits. 1,572,782; Feb. 9.
Fehler, Otto, Berlin-Steglitz, Germany. Electric incandescent lamp for advertising purposes. 1,572,521; Feb. 9.
Felters Company, The. (See Guilliaume, Ernest M., assignor.)
Fenno, James A., et al. (See Allec, Henry, assignor.)
Ferguson, George W., Minneapolis, Minn. Toy. 1,572,473; Feb. 9.
Ferguson, John E. (See Whitmore, J. B., and Ferguson.)
Ferguson, William C., St. Louis, Mo. Series of sewers or conduits. 1,572,197; Feb. 9.
Fessenden-Ellis Company, The. (See Fessenden, L. P., and Ellis, assignors.)
Fessenden, Louis P., and H. R. Ellis, assignors to The Fessenden-Ellis Company, Sheboygan, Wis. Automatic draft regulator for furnaces. 1,572,277; Feb. 9.
Feuge, John J., et al. (See Lowry, George A., assignor.)
Finkhaus, Oskar, assignor to Bohn & Herber, Maschinenfabrik und Eisengiesserei, Wurzburg, Germany. Gripper mechanism of printing presses. 1,572,710; Feb. 9.
Finley, Thomas M., St. Louis, Mo. Tandem motor power unit. 1,572,522; Feb. 9.
Finley, Thomas M., and A. W. Brown, St. Louis, Mo. Engine. 1,572,523; Feb. 9.
Fischer, Albert C., Chicago, Ill. Expansion joint. 1,572,474; Feb. 9.
Fisher, Carl G., et al. (See Gilman, Norman H., assignor.)
Fisher, Harry C., Cincinnati, assignor to The Richardson Company, Lockland, Ohio. Coloring mineral matter. 1,572,425; Feb. 9.
Fisk, James R., El Paso, Tex. Wood-burning fireplace. 1,572,711; Feb. 9.
Fiske, Kenneth B., Chicago, Ill. Oven. 1,572,783; Feb. 9.
Fitzhugh, Mayo M. (See Heard, E. F., and Fitzhugh.)
Flannery, John L., assignor to The Boye Needle Company, Chicago, Ill. Embroidery stiletto. 1,572,524; Feb. 9.
Fleischmann Company, The. (See Corby, R. L., and Glasgow, assignors.)
Fleming, Albert C. (See Fleming, David A., assignor.)
Fleming, Ambrose, Washington, D. C. Magazine-fed pencil. 1,572,133; Feb. 9.
Fleming, August L. N., Lyndhurst, N. J., and W. T. Criswell, New York, N. Y. Safety device. 1,571,935; Feb. 9.
Fleming, David A., assignor of one-third to A. C. Fleming, Indiana, Pa. Automatic flow controller. 1,572,784; Feb. 9.
Fleming, Rives, Richmond, Va. Stove-leg lock. 1,572,003; Feb. 9.
Fletcher, Hubert G., Lonoke, Ark. Steam injector for internal-combustion engines. 1,572,278; Feb. 9.
Flinn, Paul A., South St. Paul, Minn., assignor to Swift & Company, Chicago, Ill. Bacon-skewer block. 1,572,198; Feb. 9.
Florence, Albert F., assignor of one-half to L. G. Becker, Kansas City, Mo. Vise. 1,572,279; Feb. 9.
Foley, William S., assignor of one-third to E. T. Petersen, Kansas City, Mo. Ring. Des. 69,386; Feb. 9.
Foote, J. B., Foundry Company, The. (See Harry, Charles R., assignor.)
Foote, John H., Delta, Utah. Pruning implement. 1,572,426; Feb. 9.
Forgeson, Florence M., Portland, Oreg. Flour sifter. 1,572,112; Feb. 9.
Fournier, Edmond E., and M. I. Vestal, Fall River, Mass. Timer. 1,572,199; Feb. 9.
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading machine. 1,571,936; Feb. 9.
Fox, Francis H., Detroit, Mich., assignor to American Telephone and Telegraph Company. Telegraph circuit. 1,572,785; Feb. 9.
Fox, William, Tacoma, Wash. Snowshoe. 1,572,200; Feb. 9.
Frampton, John A., assignor of one-half to N. L. Parker, Columbus, Ohio. Wrench. 1,572,525; Feb. 9.
Francesco, John V., Brooklyn, N. Y. Combined rheostat and switch. 1,572,645; Feb. 9.
Frantz, Walter A., Cleveland, Ohio. Wringer. 1,572,201; Feb. 9.
Frary, Francis C., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Refractory lining for crucibles and the like. 1,572,475; Feb. 9.
Fraser, Warren F., Westboro, Mass. Grinding machine. Re16,260; Feb. 9.
Frasier, Lee, and C. C. Hiner, Waco, Tex. Railway crossing signal. 1,572,280; Feb. 9.
Frederick, Charles W., assignor to Eastman Kodak Company, Rochester, N. Y. Camera obscura. 1,572,236; Feb. 9.
Frederickson, Otto A., Wethersfield, assignor to The American Wiremold Company, Hartford, Conn. Braiding machine. 1,572,712; Feb. 9.
Frederickson, Otto A., Wethersfield, assignor to The American Wiremold Company, Hartford, Conn. Braiding machine. 1,572,713; Feb. 9.
Froeell, Oscar, Hackensack, N. J., assignor, by mesne assignments, to Williamsport Building Products Co., Williamsport, Pa. Plastic and producing same. 1,572,714; Feb. 9.
Fry, Byron G., Glendale, Calif. Exerciser. 1,572,281; Feb. 9.
Frye, Whitney M., Wilton, N. H. Card. 1,571,937; Feb. 9.
Fuller Automobile Company. (See Fuller, Mzl, assignor.)
Fuller-Lehigh Company. (See Hilditch, William, assignor.)
Fuller, Mzl, assignor to Fuller Automobile Company, Chattanooga, Tenn. Mounting for window glass. 1,572,427; Feb. 9.
Fulton, Harry R., and J. J. Bowman, Washington, D. C. Preservation of fresh fruits and vegetables. 1,571,938; Feb. 9.
Furber, Frederick M., Revere, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for applying liquids. 1,571,939; Feb. 9.
Fykse, Mitchell L., Milwaukee, assignor to Bucyrus Company, South Milwaukee, Wis. Removable wheel. 1,572,134; Feb. 9.
Gagnon, Albert J., et al. (See Gagnon, Peter J., jr., assignor.)
Gagnon, Peter J., jr., assignor of one-third to J. L. Henderson and one-third to A. J. Gagnon, Lowell, Mass. Automatic feed-regulating mechanism. 1,571,940; Feb. 9.
Galloway, Robert M., and A. G. Sudhoff, assignors to The National Automatic Tool Company, Richmond, Ind. Rotary table for drilling machines. 1,572,476; Feb. 9.
Gamber, Edward F., Shamokin, Pa. Window jack. 1,572,646; Feb. 9.
Gandy, Frank J. (See Blades, Leroy R., assignor.)
Garland, John W., Inc. (See Atkinson, Frederick C., assignor.)
Garner, Ernest P., Charlotte, N. C. Window screen. 1,572,786; Feb. 9.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Feed mechanism. 1,572,647; Feb. 9.
Gaskill, Jesse A., Imbler, Oreg. Weeding attachment for harrows. 1,572,004; Feb. 9.
Gates, Leroy G., Bakersfield, Calif. Rotary drill bit. 1,572,886; Feb. 9.
Gauriat, Pierre S., assignor to Pathe Cinema, Anciens Etablissements Pathe Freres, Paris, France. Apparatus for taking cinematographic views. 1,572,648; Feb. 9.
General Electric Company. (See Eaton, John, assignor.)
General Electric Company. (See Raube, William C., assignor.)
General Electric Company. (See Sanderson, Frank M., assignor.)
General Electric Company. (See Van Amburg, O. H., and Kempton, assignors.)
Geuder Paeschke and Frey Company. (See Kempter, Philip, assignor.)
Gillis, Charles R., assignor of one-half to G. F. Taft and one-half to N. S. Waite, Boston, Mass. Piston-ring compressor. 1,572,135; Feb. 9.
Gillis & Geoghegan, Inc. (See Hooker, Edward D., assignor.)
Gilman, Norman H., Indianapolis, Ind., assignor to C. C. Fisher and J. A. Allison, Miami, Fla. Vacuum brake. 1,572,526; Feb. 9.

Gilmartin, Daniel T., jr. (See Clark, E., and Gilmartin.)
Gittins, George W., administrator. (See Bocksch, Heinrich.)
Glasgow, Ruth. (See Corby, R. L., and Glasgow.)
Glee, Arthur. (See Glee, Charles P. and A.)
Glee, Charles P. and A., White, Nebr. Dehorner. 1,572,787; Feb. 9.
Glogauer, Fritz. (See Junghans, H., and Glogauer.)
Goddard, George E., Detroit, Mich., assignor, by mesne assignments, to Dodge Brothers Inc. Windshield. 1,571,941; Feb. 9.
Godwin, Alfred L., and P. Anderson, Ellwood City, Pa. Wire gauge. 1,572,353; Feb. 9.
Goelitz, Henry G., et al. (See Purnell, Lemuel H., assignor.)
Golden, Eleanor J., Portland, Oreg. Auxiliary stove plate. 1,572,113; Feb. 9.
Golding Bros. Company. (See Korzinek, William C., assignor.)
Goldsmith, Elmer P., Newark, N. J., assignor to Miller & Goldsmith, New York, N. Y. Novelty holder for soiled or clean handkerchiefs. Des. 69,387; Feb. 9.
Goldsmith, Wolf T., Newark, N. J. Bag frame. Des. 69,388–9; Feb. 9.
Goldsworthy, William J., San Francisco, Calif. Golf practice ball. 1,572,527; Feb. 9.
Gong Bell Manufacturing Company. (See Watrous, Clifford M., assignor.)
Goodyear Tire & Rubber Company, The. (See Cooper, James F., assignor.)
Gordon, Abrahams, Brooklyn, N. Y. Collapsible box. 1,572,788; Feb. 9.
Goudet, Charles. (See Breslauer, J., and Goudet.)
Gould, Edward G., Oakland, assignor to Advanced Engine Co. Inc., San Francisco, Calif. Engine. 1,572,068; Feb. 9.
Goulet, Joseph, assignor of one-half to A. Brazeau, Timmins, Ontario, Canada. Automatic safeguard. 1,572,202; Feb. 9.
Grafton, Howard T., C. W. Weesner, and F. J. Hoffman, Warren, Ohio. Apparatus for purifying gas. 1,572,599; Feb. 9.
Grafton, Howard T., and C. Weesner, Warren, Ohio. Annealing iron articles. 1,572,600; Feb. 9.
Grant Leather Corporation. (See Shivell, H. J., and Koeniger, assignors.)
Grantzow, Emil, Dresden, Germany. Sharpening machine for pencils and other styles. 1,572,005; Feb. 9.
Grasselli Chemical Company. (See Hoff, Clayton M., assignor.)
Gravell, James H., Elkins Park, Pa. Rustproofing bath for iron and steel. 1,572,354; Feb. 9.
Gray, Orrin D., assignor to Advance Automobile Accessories Corporation, Chicago, Ill. Friction material. 1,572,601; Feb. 9.
Greenawalt, William E., Denver, Colo. Metallurgical process. 1,572,114; Feb. 9.
Greenawalt, William E., Denver, Colo. Metallurgical process. 1,572,115; Feb. 9.
Gribbin, William J., Washington, D. C. Lanston monotype perforating machine. 1,572,136; Feb. 9.
Griffin, Frank W., Galesburg, Ill. Handle. 1,572,006; Feb. 9.
Griffin, Sidney S., Detroit, Mich. Child's coaster toy. 1,572,789; Feb. 9.
Griffith, D. W., Incorporated. (See Scholl, Edward, assignor.)
Grignon, Ephraim P., Appleton, Wis. Foldable table. 1,572,282; Feb. 9.
Grigsby, Hugh S., Richmond, Va. Garage. 1,572,790; Feb. 9.
Grimes, Charles P., Syracuse, N. Y. Attaching copper fins to cast-iron cylinders. 1,572,428; Feb. 9.
Griswold, Robert G., Westfield, N. J., assignor to Doherty Research Company, New York, N. Y. Gas calorimeter. 1,572,283; Feb. 9.
Grither, Valentine J., jr., St. Louis, Mo. Display case. 1,572,429; Feb. 9.
Gross, Benjamin & Edward J., Co. (See Gross, Benjamin, assignor.)
Gross, Benjamin, assignor to Benjamin & Edward J. Gross Co. Inc., New York, N. Y. Finger ring or article of similar nature. Des. 69,390; Feb. 9.
Grote, Walther H., assignor to C. Kenyon Company, Inc., Brooklyn, N. Y. Coupling device. 1,572,355; Feb. 9.
Grundlock, Ida S., Philadelphia, Pa. Souvenir emblematic gate. Des. 69,391; Feb. 9.
Grünig, Fritz, Thun, Switzerland. Block-signal system. 1,572,137; Feb. 9.
Grunlee, Sigwald C., Chicago, Ill. Stop mechanism for blank-feeding machines. 1,572,007; Feb. 9.
Gueft-Grinberg, Amshel, New York, N. Y. Bucco-lingual dental attachment. 1,571,942; Feb. 9.
Guillaume, Ernest M., Worcester, assignor to The Felters Company, Inc., Boston, Mass. Window channel. 1,572,284; Feb. 9.
Gunderman, Lester S., Pittsburgh, Pa. Mechanical toy. 1,572,356; Feb. 9.
Gunderman, Lester S., Pittsburgh, Pa. Mechanical toy. 1,572,649; Feb. 9.
Günther, Fritz, and F. Lange, assignors to Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany. Solid stable diazo compound. 1,572,715; Feb. 9.
Guy, Charles G., Vancouver, British Columbia, Canada. Azimuth reader for magnetic compasses. 1,572,528; Feb. 9.
Guymon, Franklin N., assignor of one-sixth to J. P. Johnson, Huntington, Utah. Power operating attachment for sheep shears. 1,572,791; Feb. 9.
Guyot, Henri R., assignor to Société R. Guyot & Cie., Paris, France. Radiator with removable elements. 1,572,792; Feb. 9.
Hachmuth, Henry C., Comstock Park, Mich. Motor-vehicle signal. 1,572,138; Feb. 9.
Hachmann, Frederick, Chicago, Ill. Track-aligning jack. 1,572,477; Feb. 9.
Haeussler, Bennet D., Marion, Iowa. Waiting-station booth. Des. 69,392; Feb. 9.
Haft, Lester, assignor to Haft, Wood & Co., Inc., New York, N. Y. Making lighting-outfit-festoons. 1,572,650; Feb. 9.
Haft, Wood & Co. (See Haft, Lester, assignor.)
Hage, Robert R., Minneapolis, Minn. Door holder. 1,572,285; Feb. 9.
Haight, Harry V. (See McClay, G. F., and Haight.)
Haight, Harry V., Sherbrooke, Quebec, Canada, assignor to Ingersoll-Rand Company, Jersey City, N. J. Chuck assembly for rock drills. 1,572,529; Feb. 9.
Hall, Albert L., assignor to Simplex Heater Company, Los Angeles, Calif. Water-heater burner. 1,572,203; Feb. 9.
Hall, J. C., Company, The. (See Hetherington, Herbert W., assignor.)
Hall, James W., Brighton, Mass., assignor to The Moore Pen Company, Boston, Mass. Illuminated display case. 1,572,793; Feb. 9.
Hall, Selden H., Poughkeepsie, N. Y., and C. H. Hapgood, Nutley, N. J., assignors to The De Laval Separator Company, New York, N. Y. Separating wax from mineral-oil distillates. 1,571,943; Feb. 9.
Hall, Thomas W., assignor of one-half to C. Kuntson, Long Beach, Calif. Safety collapsible combination stepladder and stool. 1,572,008; Feb. 9.
Halsey, Edward S., assignor of one-third to R. A. Ruess, Washington, D. C. Flooded horizontal refrigerating coil. 1,572,858; Feb. 9.
Hamilton, Charles L., Seattle, Wash. Massage apparatus. 1,572,794; Feb. 9.
Hammond, Grant, New Haven, Conn. Reclaiming used paper. 1,572,478; Feb. 9.
Hammond, Grant, New Haven, Conn. Composition of ingredients and process for delinking paper. 1,572,479; Feb. 9.
Hammond, John H., jr., Gloucester, Mass. Limiting the effect of static or other disturbances in wireless telegraphy. 1,572,204; Feb. 9.
Hand, Jay A. (See Kuhn, F., and Hand.)
Hanna, William T., Cincinnati, Ohio. Coal-cutting knife. 1,572,430; Feb. 9.
Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Shoveling and loading machine. 1,572,009; Feb. 9.
Hansen, Holger, Charlottenlund, near Copenhagen, Denmark. Hollow dibble. 1,572,431; Feb. 9.
Hansen, John, Bettendorf, assignor to Davenport Manufacturing Co. Inc., Davenport, Iowa. Power baling machine. 1,572,716; Feb. 9.
Hanson, Lyndall O., New Auburn, Wis. Pipe hoist. 1,572,286; Feb. 9.
Hapgood, Cyrus H. (See Hall, S. H., and Hapgood.)
Harding, Dana E. (See Wright, W. C., and Harding.)
Harding, Dana E., Danvers, assignor to Harding Engineering Company, East Boston, Mass. Coating machine. 1,572,205; Feb. 9.
Harding Engineering Company. (See Harding, Dana E., assignor.)
Harding Engineering Company. (See Wright, W. C., and Harding, assignors.)
Harrington & Richardson Arms Co. (See Abbenzeller, Alfred D., assignor.)
Harrison, George D., North Attleboro, Mass., assignor to Providence Stock Company, Providence, R. I. End connecter for bracelets. 1,572,717; Feb. 9.
Harrison, Henry C., Port Washington, assignor to Western Electric Company, Incorporated, New York, N. Y. Sound box. 1,572,387; Feb. 9.
Harry, Charles R., assignor to The J. B. Foote Foundry Company, Fredericktown, Ohio. Cement-block machine. 1,572,602; Feb. 9.
Hart, Walter V., deceased, Jacksonville, Fla.; E. H. Heddon, administratrix. Box-making machine. 1,572,718; Feb. 9.
Hartford-Empire Company. (See Howard, George E., assignor.)
Hartshorn, Stewart, Company. (See Hartshorn, Stewart H., assignor.)
Hartshorn, Stewart H., Short Hills, N. J., assignor to Stewart Hartshorn Company, East Newark, N. J. Shade roller. 1,572,651; Feb. 9.
Hathaway, Chester W. (See Mueller, R. H., and Hathaway.)
Haviland, Theodore, & Co. (See Haviland, William D., assignor.)
Haviland, William D., Limoges, France, assignor to Theodore Haviland Co. Inc., New York, N. Y. Dish or similar article. Des. 69,393; Feb. 9.

Haviland, William D., Limoges, France, assignor to Theodore Haviland & Co. Inc., New York, N. Y. Plate or similar article. Des. 69,394; Feb. 9.
Hazlett, Walter H., Long Beach, Calif., assignor of one-half to V. M. Stedman, Whittier, Calif. Crown-block string weigher. 1,572,719; Feb. 9.
Head, Drew, Chicago, Ill. Wrist-pin connection. 1,572,795; Feb. 9.
Heard, Edmund F., Elizabeth City County, and M. M. Fitzhugh, assignors to Newport News Shipbuilding & Dry Dock Company, Newport News, Va. Apparatus for presetting lathe tools and the like. 1,571,944; Feb. 9.
Heddon, Elsie H., administratrix. (See Hart, Walter V.)
Hedde, Christen P., Kenosha, Wis., assignor to T. C. Igo, Chicago Heights, Ill. Bumper and bracket therefor. 1,572,603; Feb. 9.
Heimerdinger, Harry M., Blackfoot, Idaho. Food product. 1,571,945; Feb. 9.
Heitman, Edward, Jersey City, and J. F. Trudeau, assignors to Electric Dynamic Company, Bayonne, N. J. Bearing cap. 1,572,287; Feb. 9.
Helm, John, Meade, Kans. Saddle ring. 1,572,796; Feb. 9.
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,571,946; Feb. 9.
Helmond, William F., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,572,139; Feb. 9.
Henderson, Joseph L., et al. (See Gagnon, Peter J., jr., assignor.)
Hendren, Mary, administratrix. (See Schultz, R. C., and Hendren.)
Hendren, Otto L. (See Schultz, R. G., and Hendren.)
Hendry, William F., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum tube. 1,572,530; Feb. 9.
Henkel, Frederick, Long Beach, Calif. Wheelbarrow. 1,572,531; Feb. 9.
Henry, Leo L., assignor to J. E. Jackson, Cedar Rapids, Iowa. Memorandum pad. Des. 69,395; Feb. 9.
Hepp s, Otto A., Chicago, Ill. Container. 1,572,140; Feb. 9.
Hercules Match Corporation. (See Nevins, Thomas A., assignor.)
Herdle, Frederick J., Chicago, Ill. Muffler. 1,572,116; Feb. 9.
Herman, Joseph, New York, N. Y., assignor to American Telephone and Telegraph Company. Detector circuit. 1,572,010; Feb. 9.
Hermann, Otto, assignor to Thermo Electric Battery Company, Chicago, Ill. Thermoelectric element. 1,572,117; Feb. 9.
Hermann Tire Building Machine Company. (See Hermann, Walter H., assignor.)
Hermann, Walter H., assignor to Hermann Tire Building Machine Company, Lancaster, Ohio. Tire-building machine. 1,572,011; Feb. 9.
Hernandez y Perez, Francisco, Habana, Cuba. Double lock. 1,572,077; Feb. 9.
Herskovitz, Max, deceased, Chicago, Ill.; W. Herskovitz and C. Weinfeld, executors. Electric-lamp-supporting structure. 1,572,532; Feb. 9.
Herskovitz, William, et al., executors. (See Herskovitz, Max.)
Hertlin, Louis J., Woodhaven, N. Y. Production of aluminum printing plates. 1,572,012; Feb. 9.
Hetherington, Herbert W., assignor to The J. C. Hall Company, Providence, R. I. Safety paper. Des. 69,396; Feb. 9.
Heuser, Charles J., Paterson, N. J. Means for eliminating vapor and preventing condensation and for ventilation. 1,572,288; Feb. 9.
Henser, Herman, Evanston, Ill. Food compound. 1,572,533; Feb. 9.
Hey, Harry, Melbourne, Victoria, Australia. Recovery of lead and silver from sulphide ores and metallurgical products. 1,572,388; Feb. 9.
Hickok, W. O., Manufacturing Company. (See Broadmeyer, Albert, assignor.)
Highland, Charles D., Des Moines, Iowa. Perforating-machine attachment. 1,572,720; Feb. 9.
Hildebrandt, Edward. (See Hildebrandt, Harold and E.)
Hildebrandt, Harold and E., Tacoma, Wash. Novelty box and wagon. 1,572,141; Feb. 9.
Hilditch, William, Cleveland, Ohio, assignor to Fuller-Lehigh Company, Fullerton, Pa. Feeder. 1,572,206; Feb. 9.
Hilfman, Harry. (See Roetgen, Frederick, assignor.)
Hilfman, Harry. (See Villaret, Gustave E., assignor.)
Hilton, William, Seattle, Wash. File gauge. 1,572,013; Feb. 9.
Hinckley, Arthur T., Niagara Falls, N. Y., assignor to National Carbon Company, Inc. Sectional electrode with locked screws-thread joints. 1,572,534; Feb. 9.
Hiner, Connell C. (See Frasier, L., and Hiner.)
Hirt, William R., Deerbrook, Wis. Woodworking machine. 1,572,797; Feb. 9.
Hislop, William C., Detroit, Mich. Ash receptacle. 1,572,480; Feb. 9.
Hitchcock, Halbert K., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Gate for glass tanks. 1,572,481; Feb. 9.
Hodgkinson, Edwin, assignor to Taylor Companies, Rochester, N. Y. Recording instrument. 1,572,207; Feb. 9.
Hodgson, Harriette E., New York, N. Y. Swinging hobby-horse. 1,571,947; Feb. 9.
Hoff, Clayton M., assignor to The Grasselli Chemical Company, Cleveland, Ohio. Manufacture of alkali-metal phosphates. 1,572,846; Feb. 9.
Hoffman, Floyd J. (See Grafton, H. T., Weesner, and Hoffman.)
Hoffman, George D., Pasadena, Calif., assignor to Hoffman Specialty Company, Waterbury, Conn. Vapor-heating system with differential loops. 1,572,482; Feb. 9.
Hoffman Specialty Company. (See Hoffman, George D., assignor.)
Hogan, William, Fillmore, Utah. Holder for beet-toppers' knives. 1,572,289; Feb. 9.
Hoier, John, Dell Rapids, S. Dak. Feed trough. 1,572,483; Feb. 9.
Holland Furnace Company. (See De Lin, Martin, assignor.)
Holmes, Frank M. (See Winter, W. J., and Holmes.)
Homar, Frank T., Tucson, Ariz. Shock absorber. 1,572,484; Feb. 9.
Hood, Charles H., Ashland, Ky. Joint completing or grooving tool. 1,572,142; Feb. 9.
Hood, Percy A., Yarmouth, Nova Scotia. Clearer for drawing frames. 1,572,014; Feb. 9.
Hooker, Edward D., assignor to Gillis & Geoghegan, Inc., New York, N. Y. Hoisting apparatus. 1,572,015; Feb. 9.
Horn, Ernest H., assignor to Waterbury Clock Co., Waterbury, Conn. Timepiece. 1,572,485; Feb. 9.
Horn, Ernst, Berlin, and M. Langer, Hermsdorf, Germany, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 1,572,859; Feb. 9.
Horn, Ernst, Berlin, Germany, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 1,572,860; Feb. 9.
Hornbeak, J. Alfred, et al. (See Baldridge, A. G., and Roberts, assignors.)
Horton, Charles, Ridgefield Park, N. J., assignor to Dubilier Condenser & Radio Corporation, New York, N. Y. Radiocondenser. 1,572,604; Feb. 9.
Houskeeper, William G., assignor to Western Electric Company, Incorporated, New York, N. Y. Electron-discharge device. 1,571,948; Feb. 9.
Houskeeper, William G., assignor to Western Electric Company, Incorporated, New York, N. Y. Vacuum tube. 1,572,721; Feb. 9.
Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Multiple-mold shear device for glass-working machines. 1,572,143; Feb. 9.
Howard, Jesse R., Beloit, Wis. Window sash. 1,572,486; Feb. 9.
Howe, William C., Chicago, Ill., assignor to The Alden Speare's Sons Co., Boston, Mass. Laundry bag. 1,572,605; Feb. 9.
Hubbard, Roscoe C., Mount Vernon, and A. E. Mutscher, South Ozone Park, N. Y., assignors to Erbograph Company, New York, N. Y. Light-control attachment for film-printing machines. 1,572,798; Feb. 9.
Huff, Russell, Detroit, Mich., assignor, by mesne assignments, to Dodge Brothers Inc. Transmission lock. 1,571,949; Feb. 9.
Hughes, Charles H., East Orange, N. J. Roller bearing. 1,572,606; Feb. 9.
Hull, Matthew R., assignor to Rex Manufacturing Company, Connersville, Ind. Joint-masking means for demountable automobile tops. 1,572,290; Feb. 9.
Humphrey, Herbert S., Kalamazoo, Mich. Sprinkler. 1,571,950; Feb. 9.
Hunt, Elmer L., Los Angeles, Calif. Scriber clamp and attaching device. 1,572,237; Feb. 9.
Hunt, Thomas F., Jacksonville, Fla. Combined window-shade and curtain bracket. 1,572,389; Feb. 9.
Huntoon, William C., jr., East Greenwich, R. I. Collapsible tube. 1,572,208; Feb. 9.
Hurxthal, Alpheus O. (See Ayres, E. B., and Hurxthal.)
Huston, Dwight W., Springfield, Ohio, assignor to Wayne Tank & Pump Company, Fort Wayne, Ind. Illuminating sign for gasoline pumps. 1,572,016; Feb. 9.
Hyde, Burdon P., assignor to Scovill Manufacturing Company, Waterbury, Conn. Loose-powder vanity box. 1,572,652; Feb. 9.
Igo, Tom C. (See Heide, Christen P., assignor.)
Ingersoll-Rand Company. (See Bayles, Lewis C., assignor.)
Ingersoll-Rand Company. (See Haight, Harry V., assignor.)
Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)
Ingersoll-Rand Company. (See McClay, G. F., and Haight, assignors.)
Ingersoll-Rand Company. (See Peters, Arthur E., assignor.)
International Nickel Company, The. (See Merica, Paul D., assignor.)
International Register Co. (See Woodward, Arthur H., assignor.)
Irvin, A. H., Company. (See Irvin, Daniel L., assignor.)

Irvin, Daniel L., assignor to A. H. Irvin Company, Inc., Curwensville, Pa. Staple binder. 1,572,017; Feb. 9.
Irvin, Daniel L., assignor to A. H. Irvin Company Inc., Curwensville, Pa. Staple binder. 1,572,018; Feb. 9.
Irving Engineering Sales Company. (See Roehmholdt, Paul L., assignor.)
Israel, Albert H. (See Kramer, J., and Israel.)
Jackson, John A., Chesterton, Ind., assignor to The Ryan Car Company, Chicago, Ill. Fluid-pressure hammer. 1,572,019; Feb. 9.
Jackson, John W., Fall River, assignor to American Moistening Company, Boston, Mass. Humidifier control. 1,572,432; Feb. 9.
Jackson, Julian E. (See Henry, Leo L., assignor.)
Jackson, Maunsell B., Toronto, Ontario, Canada, assignor of thirty-three per cent to T. C. Bate, thirty-three per cent to E. McMahon, twenty-nine per cent to P. D. Lyons, and five per cent to A. P. Deroche, Ottawa, Canada. Woodturning machine. 1,572,535; Feb. 9.
Jackson, Maxey, Portland, Oreg., assignor, by mesne assignments, to Motor Safety Indicator, Inc. Speed-indicating signal. 1,572,536; Feb. 9.
Jacobs, Ernest H., assignor to Electrical Engineers Equipment Company, Chicago, Ill. Switch. 1,572,209; Feb. 9.
Jacobson, Axel E., Minneapolis, Minn. Grinding machine. 1,572,722; Feb. 9.
Jacques, George W., Stratford, Conn., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Duplex eyeleting machine. 1,571,951; Feb. 9.
Jacques, George W., Stratford Conn., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Fastener-setting machine. 1,571,952; Feb. 9.
Jaeger, Hans W., Tacoma, Wash. Hydrocarbon-oil burner. 1,572,653; Feb. 9.
Jaeger, Julius T., Iroquois Falls, Ontario, Canada. Process and apparatus for cooking wood chips. 1,572 723; Feb. 9.
Jansen, Emile. (See Wieland, C. F., and Jansen.)
Jaworowski, Joseph F., assignor of one-half to S. E. Dettelbach, Cleveland, Ohio. Hydraulic reduction drive. 1,572,020; Feb. 9.
Jeffries, Zay. (See Johnston, R. L., Archer, and Jeffries.)
Jeffries, Zay, Shaker Heights and R. S. Archer, Lakewood, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum-copper alloy. 1,572,487; Feb. 9.
Jeffries, Zay, Shaker Heights, and R. S. Archer, Lakewood, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum-silicon alloy. 1 572,488; Feb. 9.
Jenkins, Charles F., Washington, D. C. Offset filament lamp. 1,572,607; Feb. 9.
Jobson, William P., Philadelphia, Pa., assignor to H. S. Souder, Souderton, Pa. Continuous ore-treating furnace. 1,572,291; Feb. 9.
Johansen, Johanne, Newport, R. I. Furniture polish. 1 572,021; Feb. 9.
Johns-Manville, Incorporated. (See Walsh, Joseph H., assignor.)
Johnson Automobile Lock Co. (See Johnson, Colvin L., assignor.)
Johnson, Charles E., Denver, Colo. Steam-cooking utensil. 1,572,144; Feb. 9.
Johnson, Colvin L., St. Louis, Mo., assignor to Johnson Automobile Lock Co. Locking a transmission-housing cover. 1,572,145; Feb. 9.
Johnson, James P. (See Guymon, Franklin N., assignor.)
Johnson, John, Percival, Saskatchewan, Canada. Controlling device for two-cycle explosive engines. 1,572,292; Feb. 9.
Johnson, Joseph E., and H. W. Spellman, assignors to The Connecticut Telephone & Electric Company, Incorporated, Meriden, Conn. Power press. 1,572,724; Feb. 9.
Johnson, Stephens & Shinkle Shoe Company. (See Spalsbury, Charles B., assignor.)
Johnston, Roderick L., New York, R. S. Archer, East Cleveland, and Z. Jeffries, Cleveland Heights, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 1,572,489; Feb. 9.
Johnston, Roderick L., Plainfield, N. J. R. S. Archer, Lakewood, and Z. Jeffries, Shaker Heights, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 1,572,490; Feb. 9.
Johnston, Roderick L., Plainfield, N. J., assignor to Aluminum Die-Casting Corporation. Alloy. 1,572 357; Feb. 9.
Jones, Carl A., Bristol, Va. Bottle. Des. 69,397; Feb. 9.
Jones, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Suction box for paper-making machines. 1,572,238; Feb. 9.
Jones, Marie C., Los Angeles, Calif. Poetic puzzle and poetic-puzzle blocks. 1,572,433; Feb. 9.
Jones, Rees J., jr., et al. (See Baker, George, assignor.)
Jones, Richard, Parkville, Mo. Divider board. 1,572,146; Feb. 9.
Joyce, Bryan P., Davenport, Iowa, assignor to T. A. Conlon, Silver Spring, Md. Lubricating device. 1,572,537; Feb. 9.
Judge, Michael H., Greeley, Nebr. Door latch. 1,572,293; Feb. 9.
Junghans, Helmut, Gut Berneck, near Schramberg, Germany, and F. Glogauer, Cincinnati, Ohio. Circuit closer for direction indicators. 1,572,147; Feb. 9.
Kaiser, Arthur, Brooklyn, N. Y. Pocket for sweaters. 1,572 434; Feb. 9.
Kaiser, Robert E., Conemaugh, Pa. Dirigible headlight. 1,572,799; Feb. 9.
Kaltenbach, Robert W., Cleveland Heights, assignor to The McMyler-Interstate Company, Cleveland, Ohio. Car-dumping apparatus. 1,572,654; Feb. 9.
Kane, Thomas H., Youngstown, Ohio, assignor to Truscon Steel Company. Wire-mesh machine. 1,572,491; Feb. 9.
Kannenberg, William, Milwaukee, Wis. Train-signaling system. 1,572,800; Feb. 9.
Karpen, S., & Bros. (See Carter, C. B., and Coxe, assignors.)
Katz, Morris I., Springfield, Mass. Bottle. Des. 69,398; Feb. 9.
Kearney, Paul C., Bridgeport, Conn. Piston-ring compressor. 1,572,801; Feb. 9.
Keim, Lester H., Pasadena, Calif. Spring well-casing hook. 1,572,390; Feb. 9.
Keller, Julius, sr., Chicago, Ill. Roller bearing. 1,572,725; Feb. 9.
Kelly, Mervin J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electron-discharge device. 1,572,726; Feb. 9.
Kelly, Timothy J. (See Pearson, W. H., and Kelly.)
Kelvinator Corporation. (See Spreen, Charles C., assignor.)
Kempter, Philip, assignor to Geuder Paeschke and Frey Company, Milwaukee, Wis. Sanitary-container construction. 1,572,492; Feb. 9.
Kempton, Leslie A. (See Van Amburg, O. H., and Kempton.)
Kendall, Allen B. (See Shaver, A. G., and Kendall.)
Kent-Owens Machine Company, The. (See Shepherd, Harold F., assignor.)
Kenyon, C., Company. (See Grote, Walther H., assignor.)
Kerr, Arthur N., Bellevue, assignor to Rockgas Products Company, Corapolis, Pa. Liquid-fuel container. 1,572,727; Feb. 9.
Kerr, Harold H. (See O'Connell, J., and Kerr.)
Kerwin, William J., jr., assignor to Beacon Manufacturing Company, New Bedford, Mass. Manufacturing colored yarns. 1,572,148; Feb. 9.
Kestell, Philip, assignor to Thomas Day Company, San Francisco, Calif. Electric-lighting fixture. 1,572,728; Feb. 9.
Klærbye, Oluf, assignor to Aktieselskabet Eto Electro Co., Copenhagen, Denmark. Resistance. 1,572,538; Feb. 9.
Klefer, Karl, Cincinnati, Ohio. Filling machine. 1,572,149; Feb. 9.
Klefer, Karl, Cincinnati, Ohio. Filling machine. 1,572,150; Feb. 9.
Kimball, William M. (See Race, Arthur L., assignor.)
King, Albert M., Casper, Wyo. Bomb. 1,572,435; Feb. 9.
King, Albert M., Casper, Wyo. Bomb casing. 1,572,436; Feb. 9.
King, Dean W., San Francisco, Calif. Gun sight. 1,572,294; Feb. 9.
King, De Witt C., Fillmore, Calif. Trap for oil-well pumps. 1,572,022; Feb. 9.
Kingery, Samuel S., Norwood, Ohio. Corn-popping machine. 1,572,437; Feb. 9.
Kingwill, Charles G. (See Kingwill, Edward J., assignor.)
Kingwill, Edward J., Santa Monica, Calif., assignor of one-half to C. G. Kingwill, Hammond, Ind. Sash and door lock. 1,572,608; Feb. 9.
Kirchhof, Ludwig. (See Vogt, E., and Kirchhof.)
Kluiber, Walter J., Chicago, Ill., assignor to The Koppers Company, Pittsburgh, Pa. Container for testing coal and method of testing. 1,572,391; Feb. 9.
Klecker, William J., Watertown, Wis. Windmill. 1,572,493; Feb. 9.
Klein, Fred E. (See Rosenthal, Morris G., assignor.)
Kline, Frederick, Santa Monica, Calif. Game. 1,572,069; Feb. 9.
Knapp, Leland G., assignor to Montgomery, Ward & Co., Chicago, Ill. Scale. 1,572,609; Feb. 9.
Knatvold, Burt, Albert Lea, Minn. Clothesline reel. 1,572,151; Feb. 9.
Knowlton, Cutler D., Beverly, Mass, assignor to United Shoe Machinery Corporation, Paterson, N. J. Reciprocating abrader. 1,571,953; Feb. 9.
Knutson, Charles. (See Hall, Thomas W., assignor.)
Koehring Company. (See Beckwith, Raymond A., assignor.)
Koehrman, Mathias G., assignor to The Roberts Printing Company, Toledo, Ohio. Book stamp. 1,572,392; Feb. 9.
Koeniger, Karl W. (See Shivell, H. J., and Koeniger.)
Koerner, Ewald, Dresden, Germany, assignor to United Cigarette Machine Co., Inc., Lynchburg, Va. Cut-off knife for cigarette machines. 1,572,393; Feb. 9.
Kofsky, Henry M., Philadelphia, Pa. Bracket. 1,572,295; Feb. 9.
Kolenski, Gustave, Jamaica, N. Y. Surface covering. 1,572,070; Feb. 9.

Kolibas, John A., Cleveland, Ohio. Combined visor and automatic flash light. 1,572,210; Feb. 9.
Koppers Company, The. (See Klaiber, Walter J., assignor.)
Korzinek, William C., Cliffside Park, N. J., assignor to Golding Bros. Company, New York, N. Y. Textile fabric. Des. 69,399; Feb. 9.
Kramer, Joseph, and A. H. Israel, New York, N. Y. Collapsible millinery box. 1,572,296; Feb. 9.
Krause, Oscar, Far Rockaway, N. Y. Textile fabric. Des. 69,400; Feb. 9.
Krause, William C., Milwaukee, Wis. Pressure branding machine. 1,572,494; Feb. 9.
Krebs, Nicolaj P., Brea, Calif. Casing head. 1,572,394; Feb. 9.
Kreuder, Norman W., Chicago, Ill. Spraying device. 1,572,656; Feb. 9.
Kuhn, Frank, and J. A. Hand, assignors to American Electrical Heater Company, Detroit, Mich. Heating unit. 1,572,395; Feb. 9.
Kurowski, Alfred G. F., Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,572,396; Feb. 9.
Kurtzner, Hugo, Cleveland, Ohio. Radiator. 1,572,657; Feb. 9.
La Bombard, Leon E., and M. H. Sidebotham, assignors to Specialty Automatic Machine Company, Chelsea, Mass. Blank feeder. 1,572,438; Feb. 9.
La Bombard, Leon E., and M. H. Sidebotham, assignors to Specialty Automatic Machine Company, Chelsea, Mass. Timed feeder. 1,572,439; Feb. 9.
Lacks, William, and M. S. Newman, Newark, N. J. Bracket holder for junction boxes. 1,572,610; Feb. 9.
Ladin, Morris, Brooklyn, N. Y. Trimming for wearing apparel. Des. 69,401; Feb. 9.
Laher, Frank J., Portland, Oreg. Bumper. 1,572,118; Feb. 9.
Lambert, Edmund B., St. Paul, Minn. Fluid power transmitter. 1,571,954; Feb. 9.
Lambert, Henry M., Portland, Oreg., assignor to Lambert Tire & Rubber Co., Akron, Ohio. Mold for manufacturing tires. 1,572,440; Feb. 9.
Lambert Tire & Rubber Co. (See Lambert, Henry M., assignor.)
Lange, Fritz. (See Günther, F., and Lange.)
Langer, Max. (See Horn, E., and Langer.)
Langerak, Meyer. (See Langerak, Wiggert, assignor.)
Langerak, Wiggert, assignor of one-half to M. Langerak, Pella, Iowa. Weighing device. 1,572,658; Feb. 9.
Langstroth, William J., London, Ontario, Canada. Milk-bottle support. 1,572,152; Feb. 9.
Larkin, Joseph M. A., New York, N. Y. Building construction for toys. 1,572,659; Feb. 9.
Larraznbai y Fernandez, Luis, Habana, Cuba. Planimeter. 1,572,132; Feb. 9.
Larrey, Elisa, Mexico, Mexico. Rotary percolator. 1,572,861; Feb. 9.
Larson, John M., assignor to National Regulator Company, Chicago, Ill. Regulating device. 1,572,495; Feb. 9.
Lasker, William W., Brooklyn, N. Y., assignor, by mesne assignments, to Powers Accounting Machine Corporation, New York, N. Y. Paper-supporting carriage and guiding means. 1,571,955; Feb. 9.
Laskey, Philip B., Marblehead, Mass., assignor to W. B. Laskey, Brooklyn, N. Y. Candy-cutting machine. 1,572,071; Feb. 9.
Laskey, William B. (See Laskey, Philip B., assignor.)
Lathrop, Elbert C., Philadelphia, Pa., and T. B. Munroe, Forest Glen, Md.; said Lathrop assignor to the said Munroe. Preparing and preserving fibers for pulp-making purposes. 1,572,539; Feb. 9.
Lathrop, Elbert C., Philadelphia, Pa., and T. B. Munroe, Forest Glen, Md.; said Lathrop assignor to the said Munroe. Preserving fibers for pulp-making purposes. 1,572,540; Feb. 9.
Lathrop, Harry D., and W. H. Paulson, Chicago, Ill.; said Paulson assignor to said Lathrop. Dissolving apparatus. 1,572,023; Feb. 9.
Laughlin, William C., assignor to Laughlin Filter Corporation.)
Laughlin, William C., Glendale, Calif., assignor to Laughlin Filter Corporation, New York, N. Y. Method and centrifugal separator for separating solids from liquids. 1,572,611; Feb. 9.
Laughlin, William C., assignor to Laughlin Filter Corporation, New York, N. Y. Centrifugal separator. 1,572,612; Feb. 9.
Laver, Arthur, Bayside, N. Y. Lawn-mower attachment. 1,572,297; Feb. 9.
Lawrence, James S., Twin Falls, Idaho. Rotary engine. 1,572,541; Feb. 9.
Lawrence, Nellie, Greenwich, near Sydney, New South Wales, Australia. Tennis rackets. 1,572,542; Feb. 9.
Lawrence, Paul A., Grand Island, Nebr. Internal-combustion engine. 1,572,397; Feb. 9.
Layman, Charles D., Louisville, Ky. Exerciser. 1,572,802; Feb. 9.
Leach Company. (See Appleton, Joseph H., assignor.)
Lee, Frank M., Chicago, Ill., assignor to Sullivan Machinery Company. Drill-sharpening mechanism. 1,572,729; Feb. 9.
Leopold, Frederick B., Pittsburgh, Pa. Filtering apparatus. 1,572,398; Feb. 9.
Leppert, Henry E., assignor to The Trumbull Electric Mfg. Company, New Britain, Conn. Electric-switch terminal. 1,572,211; Feb. 9.
Letts, Ellsworth M., assignor of forty-nine one-hundredths to C. C. Annabel, Waverly, N. Y. Bottle-capping device. 1,572,543; Feb. 9.
Levin, Morris. (See Tuñez, Amable S., assignor.)
Lewis, Abraham I., Newark, N. J. Ornamental button. 1,572,803; Feb. 9.
Lewis, Joseph R., Kansas City, Mo. Hair curler. 1,572,399; Feb. 9.
Ley, Christian, assignor to the Firm of Alos Apparatebau, Gesellschaft mit beschrankter Haftung, Glauchau, Germany. Starter for electric motors. 1,572,804; Feb. 9.
Libros, Oscar. (See Libros, Simon, assignor.)
Libros, Simon, Cynwyd, assignor of one-half to O. Libros, Philadelphia, Pa. Sign. 1,572,496; Feb. 9.
Lide, Martin J., Birmingham, Ala. Condenser. 1,572,660; Feb. 9.
Lincoln Manufacturing Company. (See Lincoln, Neil S., assignor.)
Lincoln, Neil S., assignor to Lincoln Manufacturing Company, Connersville, Ind. Brake. 1,572,862; Feb. 9.
Lindemann, Walter C., Milwaukee, Wis. Gas stove. 1,572,661; Feb. 9.
Lindstrom, Nils O., Nutley, and C. F. E. Olofson, West Orange, N. J., assignors to A. B. See, Brooklyn, N. Y. Elevator. 1,572,400; Feb. 9.
Lippert, Aloysius C., Kenosha, Wis., assignor of one-half to C. A. Norton, Chicago, Ill. Radiator cap. Des. 69,402; Feb. 9.
Ljungström, Birger, Stockholm, E. O. Eriksson and F. Ljungström, Lidingo-Brevik, assignors to Atiebolaget Ljungströms Angturbin, Stockholm, Sweden. Condenser plant for locomotives. 1,572,153; Feb. 9.
Ljungström, Fredrik. (See Ljungström, B., Eriksson, and Ljungström.)
Locke, Fred J. (See Locke, Fred M. and F. J.)
Locke, Fred M. and F. J., Victor, N. Y. Batch for making ceramic material and to a ceramic material made therefrom. 1,572,730; Feb. 9.
Lodge & Shipley Machine Tool Company, The. (See Cockburn, Francis B., assignor.)
Long, John E., Multnomah, Oreg. Electric sign. 1,572,212; Feb. 9.
Los Angeles Pressed Brick Company. (See Mueller, Max, assignor.)
Lösel, Franz, Brunn, Czechoslovakia. High-pressure steam generator. 1,572,613; Feb. 9.
Low, David W., Los Angeles, Calif. Filing device. 1,572,239; Feb. 9.
Lowry, George A., assignor to J. J. Feuge and L. R. Browne, New York, N. Y. Cleaning fibrous materials. 1,572,662; Feb. 9.
Lowry, George A., assignor to J. J. Feuge and L. R. Browne, New York, N. Y. Cleaning and preparing fibrous materials. 1,572,663; Feb. 9.
Lucas, Wilbert, Detroit, Mich. Orthopedic support for shoes. 1,572,213; Feb. 9.
Luce, Louis L., Portland, Oreg., assignor to Luce-Mattson Engine Company, San Francisco, Calif. Steam generator for internal-combustion engines. 1,572,614; Feb. 9.
Luce-Mattson Engine Company. (See Luce, Louis L., assignor.)
Lundahl, Alma J., Logan, Utah. Rim tool. 1,572,298; Feb. 9.
Lux, Heinrich, Berlin, Germany. Photometer. 1,572,544; Feb. 9.
Lynch, Curtis L., Cherryfield, Me. Container pack. 1,572,731; Feb. 9.
Lynch Joseph L., Oak Park, Ill. Auto parking system. 1,572,664; Feb. 9.
Lyons, Phillip D., et al. (See Jackson, Maunsell B., assignor.)
Macadie, Donald. (See Ratcliff, C. F., and Macadie.)
MacInnes, Neil, Chicago, Ill. Vehicle lamp. 1,572,024; Feb. 9.
Macy, Charles E., Iowa Hill, Calif. Automatically-operated electric iron. 1,572 441; Feb. 9.
Maglathlin, Horace B., Kingston, assignor of one-half to F. E. Smith, Newton, Mass. Berry harvester. 1,572,025; Feb. 9.
Magor, Richard A., and W. Stone, Long Beach, Calif. Fishing tool. 1,572,615; Feb. 9.
Major Engineering Corporation. (See Schmidt, Fred, assignor.)
Malina, Louis. (See Morrell, Michael, assignor.)
Malider, Robert W., Dubuque, Iowa. Calculator. 1,572,547; Feb. 9.
Mallner, Albert. (See Moreno, Joseph, assignor.)
Malthaner, Frank J. (See Don, William, assignor.)
Marchant, Agénor, jr., Fourmies, France. Automatic device with limited feed for the supply of internal-combustion engines. 1 572,737; Feb. 9.
Marcus, Charles L., New York, N. Y. Perfume container. Des. 69,403; Feb. 9.
Marlin Firearms Corporation, The. (See Swebilius, Carl G., assignor.)
Maroger, Samuel, Nimes, France. Rotary pump for liquids or gases. 1,572,738; Feb. 9.
Marrett, Alexander, Los Angeles, Calif. Traffic signal for motor vehicles. 1,572,442; Feb. 9.
Marsden John E., Philadelphia, Pa. Soldering iron. 1,572,666; Feb. 9.

Marsh, Henry S., and R. S. Cochran, assignors to American Copperas Company, Youngstown, Ohio. Pickling. 1,572,155; Feb. 9.
Marx, Leo P., Le Mars, Iowa. Snowplow. 1,572,026; Feb. 9.
Massingham, Claude W. (See Parker, E. A., and Massingham.)
Matheson, Andrew A., Shoshoni, Wyo., assignor to A. A. Matheson, Denver, Colo., A. C. Allen, Riverton, and E. Merriam, Moneto, Wyo., trustees of The Matheson Beet Harvester Syndicate. Beet topper. 1,572,490; Feb. 9.
Mathwig, Albert L., South Sioux City, Nebr. Valve lifter. 1,572,402; Feb. 9.
Mattern, Curtis R., Tower City, Pa. Cement-bag cleaner. 1,572,739; Feb. 9.
Mattice, Royal, Bethlehem, Pa. Method of and apparatus for electric welding. 1,572,740; Feb. 9.
Mattison, Ruth E., Montello, Wis. Convertible flowerpot and hanging basket. 1,572,548; Feb. 9.
Max, Mary R., Pittsburgh, Pa. Heating device. 1,572,300; Feb. 9.
May, Adam J., assignor to Ritter Dental Manufacturing Company, Rochester, N. Y. Supporting fixture. 1,572,215; Feb. 9.
Maytag Company, The. (See Dremel, Albert J., assignor.)
McCammack, Charles, Quincy, Ind. Stretcher. 1 572,732; Feb. 9.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,572,545; Feb. 9.
McCarter, Harold A., Los Angeles, Calif. Cursor shifter for slide rules. 1,572,497; Feb. 9.
McCartney, Will C., assignor to The Cambridge Glass Company, Cambridge, Ohio. Glass goblet or similar article. Des. 69,404; Feb. 9.
McCartney, Will C., assignor to The Cambridge Glass Company, Cambridge, Ohio. Glass goblet or similar article. Des. 69,405; Feb. 9.
McClatchie, Stanley, Cambridge, Mass., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Attachment plug. 1,572,119; Feb. 9.
McClay, Gordon F., and H. V. Haight Sherbrooke, Quebec, Canada, assignors to Ingersoll-Rand Company, Jersey City, N. J. Paper-making machine. 1,572,498; Feb. 9.
McConoughey, Oscar H., San Francisco, Calif. Hair-cutting comb and razor guard. 1,572,154; Feb. 9.
McCormick, Charles H. (See Rose, Ernest M. assignor.)
McCourt, Patrick H., St. Louis, Mo. Spectacles. 1,572,733; Feb. 9.
McCoy, Charles F. (See Cunningham, James E., assignor.)
McCrory, Lee, et al. (See Baker, George, assignor.)
McDermott, James H., Hartford, Conn. Fabric-measuring device. 1,572,734; Feb. 9.
McDonald, Charles D., Los Angeles, Calif. Mattress support for foldable beds and the like. 1,572,241; Feb. 9.
McDuffee, William T., Pensacola, Fla. Automatically-operated safety gates. 1,572,665; Feb. 9.
McEntire, Fred W., Salt Lake City, Utah. Centrifugal separator. 1,572,290; Feb. 9.
McEwing, Luther B., and G. S. Clayton, Chicago, Ill. Road-surface signal lamp. 1,572,214; Feb. 9.
McGrath, Patrick J., Brooklyn, N. Y. Game apparatus. 1,572,401; Feb. 9.
McKeefe, Edward P. (See Bradley, L., and McKeefe.)
McKeown, Samuel C., assignor to Splitdorf Electrical Company, Newark, N. J. Resetting device. 1,572,240; Feb. 9.
McKenney, Emerson, Newport, Me. Pruner. 1,572,546; Feb. 9.
McKune, Frank B., Hamilton, Ontario, Canada. Tapping trough, slag sweeper or skimmer. 1,572,864; Feb. 9.
McKune, Frank B., Hamilton, Ontario, Canada. Method of and mold and appliance for the continuous transfer of molten metal. 1,572,865; Feb. 9.
McKune, Frank B., Hamilton, Ontario, Canada. Transfer spout. 1,572,866; Feb. 9.
McLaughlin, William, Los Angeles, Calif. Beverage cooler and dispenser. 1,572,242; Feb. 9.
McMahon, Edward, et al. (See Jackson, Maunsell B., assignor.)
McMyler-Interstate Company, The. (See Kaltenbach, Robert W., assignor.)
McNeil, Charles, Glasgow, Scotland. Spring-relieving gear for rolls of sugar-cane mills, metal-rolling mills, and the like. 1,572,735; Feb. 9.
McPhail, Duncan S., Detroit, Mich., and J. E. Pastorius, Kingsville, Ontario, Canada. Roller bearing. 1,572,736; Feb. 9.
Mead, Harry J Philadelphia, Pa. Lining for transmission and brake bands. 1,572,301; Feb. 9.
Meehan, Emma V., Washington, D. C. Weaving frame. 1,572,549; Feb. 9.
Meem, James C., assignor of one-half to F. L. Cranford, Brooklyn, N. Y. Tunnel and method of building and submerging. 1,572,741; Feb. 9.
Meerwein, Hans, Konigsberg, Germany, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Production of alcohols from halogenated aldehydes. 1,572,742; Feb. 9.
Mellinger, Charles, Akron, Ohio. Paddle stitcher. 1,572,216; Feb. 9.
Menczer, Samuel A., Fort Worth, Tex. Window casing. 1,572,217; Feb. 9.
Merco Nordstrom Valve Company. (See Nordstrom, Sven J., assignor.)
Meredith, Ray S., Columbia City, Ind. Portable candy tray. 1,572,743; Feb. 9.
Merica, Paul D., assignor to The International Nickel Company, New York N. Y. Nickel alloy and making the same. 1,572,744; Feb. 9.
Meronek, Anthony F., Polonia, Wis. Manually-operated mechanism for operating and securing swinging doors. 1,572,302; Feb. 9.
Merriam, Edward, et al., trustees. (See Matheson, Andrew A., assignor.)
Merrow, Joseph M., assignor to The Merrow Machine Company, Hartford, Conn. Shell-stitch machine. 1,572,550; Feb. 9.
Merrow Machine Company, The. (See Merrow, Joseph M., assignor.)
Mershon, Ralph D., New York, N. Y. Electrolytic apparatus and operating same. 1,572,403; Feb. 9.
Mershon, Ralph D., New York, N. Y. Protecting condenser parts against corrosion. 1,572,404; Feb. 9.
Mersom, Joseph J., Tacoma, Wash. Electric hair curler. 1,572,551; Feb. 9.
Meunier, Charles, Great Neck, N. Y. Gutter hanger. 1,572,745; Feb. 9.
Meyer, Emil H., Saratoga, Tex. Wire-winding machine. 1,572,067; Feb. 9.
Meyer, Fred, Pekin, Ill. Door opening and closing device. 1,572,218; Feb. 9.
Meyers, William A., Chicago, Ill. Hair waver. 1,572,027; Feb. 9.
Michelin, André J., Paris, France. Compressible safety ring for pneumatic tires. 1,572,746; Feb. 9.
Michelman, Joseph, Boston, Mass. Obtaining pyrrol, pyrrol derivatives, and pyrocoll from animal waste. 1,572,552; Feb. 9.
Middlemiss, Austin O. (See Watson, L., and Middlemiss.)
Miehle Printing Press & Manufacturing Company. (See Elder, Samuel, assignor.)
Mill Devices Company. (See Byrd, Britton E., assignor.)
Miller & Goldsmith. (See Goldsmith, Elmer P., assignor.)
Miller, Henry C. (See Winders, William D., assignor.)
Miller, Henry C., Milwaukee, Wis. Loose-leaf binder. 1,572,553; Feb. 9.
Millspaugh, William H., assignor to The Paper & Textile Machinery Co., Sandusky, Ohio. Forming internal keys on tubes. 1,572,303; Feb. 9.
Milner, Charles E., assignor to Benton & Stone Limited, Birmingham, England. Coupling or connecting device for lubricating apparatus and for like purposes. 1,572,554; Feb. 9.
Minahan, Patrick R., Green Bay, Wis. Heater for automobiles. 1,572,747; Feb. 9.
Miscampbell, Hugh, Duluth, Minn. Limekiln. 1,572,156; Feb. 9.
Mitchell, Joseph S., Chicago, Ill., assignor to Sullivan Machinery Company. Method and apparatus for pressure-testing drill-hole casing. 1,572,748; Feb. 9.
Mohnkern, Ruel E., Oil City, Pa. Elevator of the rigid-yoke type. 1,572,616; Feb. 9.
Moline Implement Company. (See Bechtelheimer, Harry A., assignor.)
Molinelli, John H., West Pittston, Pa. Surgical instrument. 1,571,956; Feb. 9.
Mollengarden, Samuel, assignor to Royal Importing Co., New York, N. Y. Bead wire. 1,572,749; Feb. 9.
Moon, Edward W., Youngstown, N. Y. Combined fixture support and loom fastener. 1,571,957; Feb. 9.
Montgomery, Ward & Co. (See Knapp, Leland G., assignor.)
Moore Pen Company, The. (See Hall, James W., assignor.)
Moran, John M., Seattle, Wash. Radiator shield. 1,572,405; Feb. 9.
Morey, Virgil W., New York, N. Y. Engine. 1,572,500; Feb. 9.
Morehouse, Herbert A., Hastings, Mich. Fencepost. 1,572,668; Feb. 9.
Moreno, Joseph, assignor of one-half to A. Mallner, Los Angeles, Calif. Center support. 1,572,072; Feb. 9.
Morgan, Benjamin H., London, England. Fuel for internal-combustion engines. 1,572,750; Feb. 9.
Morrell, Michael, Brooklyn, assignor to L. Malina, New York, N. Y. Yarn winding. 1,572,157; Feb. 9.
Morris, Edward K., Baltimore, Md. Collapsible folding box. 1,572,406; Feb. 9.
Morton, William B., Beatrice, Nebr. Oilcloth fixture. 1,572,304; Feb. 9.
Motor Safety Indicator, Inc. (See Jackson, Maxey, assignor.)
Motorn Holding Company. (See Cramer, Stanley S., assignor.)
Muchnic, Henry E., Atchison, Kans. Piston and ring construction. 1,572,443; Feb. 9.
Mudd, Garrett W., Chicago, Ill. Machine for turning and stacking the ends of cans. 1,572,219; Feb. 9.
Mudd, Garrett W., Chicago, Ill. Interlacing machine. 1,572,220; Feb. 9.

Mueller, Adolph, trustee. (See Mueller, R. H., and Hathaway, assignors.)
Mueller, Charles P., Wichita, Kans. Combination vase and display rack. 1,572,444; Feb. 9.
Mueller, Max, St. Louis, Mo., assignor to Los Angeles Pressed Brick Company, Los Angeles, Calif. Shaping and trimming attachment for tile-forming machines. 1,572,028; Feb. 9.
Mueller, Robert H., and C. W. Hathaway, assignors to A. Mueller, Decatur, Ill., trustee. Air-operated testing device. 1,571,958; Feb. 9.
Mueller, Robert H., and C. W. Hathaway, assignors to A. Mueller, Decatur, Ill., trustee. Air-operated testing device. 1,572,158; Feb. 9.
Müller, Karl, Detroit, Mich. Reenforced-concrete post. 1,572,669; Feb. 9.
Mulligan, Adele, New York, N. Y. Surgical-instrument support. 1,571,959; Feb. 9.
Mulroney, John E., Chicago, Ill. Paper-cutting machine. 1,572,617; Feb. 9.
Munroe, Trendway B. (See Lathrop, E. C., and Munroe.)
Murphy, Charles P., Cleveland, Ohio. Bolt adapter for lubricating purposes. 1,572,073; Feb. 9.
Mutscher, August E. (See Hubbard, R. C., and Mutscher.)
Myers, Ralph E., East Orange, N. J., assignor to Westinghouse Lamp Company. Incandescent lamp. 1,572,670; Feb. 9.
Myers, Roy A., St. Paul, Minn. Map holder and magnifier. 1,572,671; Feb. 9.
Nakamura, Mitsutaro, Chico, Calif. Figure wheeled toy. 1 572 751; Feb. 9.
Napier Co., The. (See Schuelke, E., and Ross, assignors.)
Nathan, Edwin B., Yonkers, N. Y. Seat cover. 1,572,407; Feb. 9.
National Automatic Tool Company, The. (See Galloway, R. M., and Sudhoff, assignors.)
National Carbon Company. (See Hinckley, Arthur T., assignor.)
National Cash Register Company, The. (See Von Pein, Edward J., assignor.)
National Regulator Company. (See Larson, John M., assignor.)
Needham, John C., assignor to himself and Eversheds & Vignoles, Limited, Chiswick, London, England. Electrical means for indicating at a distance the motion of an apparatus. 1,571,960; Feb. 9.
Nelson, Anders P., Spencer, Iowa. Block-molding machine. 1,572,305; Feb. 9.
Nelson, Fred N., assignor to Safety Boat Co., Seattle, Wash. Boat. 1,572,074; Feb. 9.
Nelson, Gus, Douglas, Ariz. Mounting for conveyer belts. 1,572,555; Feb. 9.
Nelson, Hans P., and G. Davies, assignors of one-third to G. E. Cook, Seattle, Wash. Vehicle body. 1,572,029; Feb. 9.
Nevins, Thomas A., assignor, by mesne assignments, to Hercules Match Corporation, New York, N. Y. Match-making machine. 1,571,961; Feb. 9.
Newman, Morris S. (See Lacks, W., and Newman.)
Newman, Paul A., Germantown, Pa., assignor to Western Electric Company, Incorporated, New York, N. Y. Interrupter. 1,572,673; Feb. 9.
Newmann, John, Brooklyn, N. Y. Engine crank shaft. 1,572 672; Feb. 9.
Newport News Shipbuilding & Dry Dock Company. (See Heard, E. F., and Fitzhugh, assignors.)
Newton, Harold H., Claremont, Calif. Bottle carrier. 1,572,243; Feb. 9.
Nichols, Clifford R., Dallas, Tex. Portable plastic-ware-making machine. 1,572,445; Feb. 9.
Nickels Frank H. (See Painter, William G., assignor.)
Nies, William L. (See Reichel, H., and Nies.)
Nolan, Harry L., Maplewood, Mo. Pump for oil wells. 1,572,618; Feb. 9.
Nordstrom, Sven J., assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Valve. 1,572,030; Feb. 9.
North, George H., Kansas City, Mo. Valve-reseating tool. 1,572,752; Feb. 9.
Northcutt, Florence, Caldwell, Kans. Churn. 1,572,306; Feb. 9.
Northwest Engineering Company. (See Burke, Paul, assignor.)
Norton, Charles H., Brooklyn, N. Y. Spring for wind instruments. 1,572,675; Feb. 9.
Norton Charles L., Boston, Mass. Sanding apparatus for molding machines. 1,572,674; Feb. 9.
Norton, Clayton A. (See Lippert, Aloysius C., assignor.)
Nottingham, William D., Fowlerton, Ind. Device for holding pigs and like animals. 1,572,307; Feb. 9.
Nowosielski, Edward B., Bloomfield, N. J., assignor to Splitdorf Electrical Company Newark, N. J. Condenser. 1,572,244; Feb. 9.
Nutter, Lysle H., Hamburg, Ark. Display cabinet. 1,572,753; Feb. 9.
Nyberg, John G., assignor to Dolan & Bullock, Providence, R. I. Cuff button. 1,572,619; Feb. 9.
Nystrom, Martin, Chicago, Ill., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del. Cabinet for a sound-reproducing machine. Des. 69,406; Feb. 9.
Nystrom, Martin, Chicago, Ill., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del. Cabinet for a sound-reproducing machine. Des. 69,407; Feb. 9.
Nystrom, Martin, Chicago, Ill., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del. Cabinet for a sound-reproducing machine. Des. 69,408; Feb. 9.
Oakley, Frederick T., Pawling, N. Y. Rocking-horse. 1,572,620; Feb. 9.
O'Brien, Jermiah D., Darwin, Minn. Tension gauge for checkrow wires. 1,572,408; Feb. 9.
O'Connell, Joseph, and H. H. Kerr, Kensington Australis. Pasteurizer for cream, milk, or other liquids or semiliquids. 1,572,031; Feb. 9.
Oldham, Frank, Dallas, Tex. Smoking figure. 1,572,409; Feb. 9.
O'Neil, Jeremiah, Oneida, N. Y., assignor, by mesne assignments, to Animal Trap Company of America. Lititz, Pa. Animal trap. 1,572,358; Feb. 9.
Olofson, Carl F. E. (See Lindstrom, N. O., and Olofson.)
Oliver, Albert L., assignor to California Cap Company, Oakland, Calif. Electric blasting cap. 1,572,676; Feb. 9.
Oliver, Omer D., Gary, Ind. Switch stand. 1,572,754; Feb. 9.
Ostrander, Stanley J. (See Unruh, Albert E., assignor.)
Oswald, Alfred E., Bogota, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Exhibition device. 1,572,501; Feb. 9.
Ott, Earl M., Cleveland, Ohio. Clothesline holder. 1,572,755; Feb. 9.
Ottenheimer, Reuben E., Baltimore, Md. Refrigerated case. 1,572,855; Feb. 9.
Overton, William H., Chicago, Ill. Liquid-fuel burner. 1,571,962; Feb. 9.
Owen, William A., Salisbury, N. C. Grate. 1,572,308; Feb. 9.
Owens, Freeman H., New York, N. Y. Motion-picture machine. 1,572,863; Feb. 9.
Pacific R. & H. Chemical Corporation, The. (See Walker, Mark, assignor.)
Pacz, Aladar, Cleveland, Ohio, assignor, by mesne assignments, to Aluminum Company of America. Aluminum alloy. 1,572,502; Feb. 9.
Pacz, Aladar, Cleveland Heights, Ohio, assignor, by mesne assignments, to Aluminum Company of America. Composition of matter. 1,572,503; Feb. 9.
Padden, Patrick W., Toledo, Ohio. Antiglare attachment. 1,571,963; Feb. 9.
Page, Louis A., Providence, R. I. Fishing reel. 1,572,032; Feb. 9.
Paine, Howard S., Chevy Chase, Md., C. F. Walton, jr., Washington, D. C., and V. Birckner, Oxon Hill, Md., dedicated, by mesne assignments, to the citizens of the United States of America. Cane-sugar production. 1,572,359; Feb. 9.
Paine, John A., Richmond, Va. Cane harvester. 1,572,410; Feb. 9.
Painter, William G., assignor of one-half to F. H. Nickels, Big Stone Gap, Va. Syringe aspirator. 1,572,075; Feb. 9.
Paper & Textile Machinery Co., The. (See Millspaugh, William H., assignor.)
Parker, Alonzo B., Sylacauga, Ala. Fire hydrant. 1,572,033; Feb. 9.
Parker, Earl A., and C. W. Massingham, Poplar Bluff, Mo. Flying machine. 1,572,120; Feb. 9.
Parker, Howard, assignor to Brown Company, Berlin, N. H. Suction apparatus. 1,572,847; Feb. 9.
Parker, Hubbard, deceased, Chicago, Ill.; J. C. Parker, executrix. Journal-box bearing. 1,572,121; Feb. 9.
Parker, Jennie C., executrix. (See Parker, Hubbard.)
Parker, Nihl L. (See Frampton, John A., assignor.)
Parker, Russell H., Benton County, Oreg. Ignition-circuit switch. 1,572,446; Feb. 9.
Parkersburg Rig & Reel Company, The. (See Schwemlein, William, assignor.)
Pastorius, James E. (See McPhail, D. S., and Pastorius.)
Paterson, William, London, England. Filtering apparatus. 1,572,076; Feb. 9.
Pathe Cinema, Anciens Etablissements Pathe Freres. (See Gaurint, Pierre S., assignor.)
Patterson, Alexander P., et al. (See Secord, Frederick A., assignor.)
Paulson, Walter H. (See Lathrop, H. D., and Paulson.)
Peale, Rembrandt. (See Peale, Richard, assignor.)
Peale, Richard, assignor to Rembrandt Peale, St. Benedict, Pa. Mining machine. 1,572,556; Feb. 9.
Pearson, William H., and T. J. Kelly, Passaic, N. J., assignors to Brighton Mills. Machine for uniting threads or cords. 1,572,655; Feb. 9.
Pehrson, Adam H., Berg Granbergsdal, Sweden, assignor of one-half to A. P. Pehrson, Kincraig, England. Rotary furnace. 1,572,805; Feb. 9.
Pehrson, Alfred P. (See Pehrson, Adam H., assignor.)
People of the United States, The. (See Smith, L. B., Richmond, and van der Meulen, assignors.)
Perlesz, Hugo, Chicago, Ill., assignor, by mesne assignments, to Zenith Radio Corporation. Mounting for thermionic valves. 1,571,964; Feb. 9.
Perlesz, Hugo, Chicago, Ill., assignor, by mesne assignments, to Zenith Radio Corporation. Electrostatic condenser. 1,572,504; Feb. 9.

Peters, Arthur E., Littleton, Colo., assignor to Ingersoll-Rand Company, Jersey City, N. J. Clutch mechanism for hoist control. 1,572,557; Feb. 9.
Peters, Carl, Sherburn, Minn. Door lock. 1,572,677; Feb. 9.
Peters, Charles H., et al. (See Secord, Frederick A., assignor.)
Peters, Henry. (See Peterson, J., and Peters.)
Petersen, Edward T. (See Foley, William S., assignor.)
Petersen, William H., assignor to Albert Pick & Company, Chicago, Ill. Coffee urn. 1,572,221; Feb. 9.
Peterson, John, and H. Peters, Winamac, Ind. Wheel attachment. 1,572,806; Feb. 9.
Petersson, Ernfrid J., Stockholm, Sweden. Variable power-transmission gears between rotary shafts. 1,572,360; Feb. 9.
Peverley, Ralph St. L., assignor, by mesne assignments, to Structural Gypsum Corporation, New York, N. Y. Building construction. 1,572,078; Feb. 9.
Pick, Albert & Company. (See Peterson, William H., assignor.)
Pick, Rudolph J., jr., Chicago, Ill. Aeroplane brake. 1,572,361; Feb. 9.
Pierce Petroleum Corporation. (See Wadsworth, James M., assignor.)
Pietrie, Joseph, Chicago, Ill. Padlock. 1,572,122; Feb. 9.
Pisenti, John, et al. (See Allec, Henry, assignor.)
Pittsburgh Plate Glass Company. (See Clause, Robert L., assignor.)
Pittsburgh Plate Glass Company. (See Hitchcock, Halbert K., assignor.)
Pittsburgh Plate Glass Company. (See Schneider, Frederick W., assignor.)
Pittsburgh Plate Glass Company. (See Taylor, William H., assignor.)
Platt, Clarence D., Bridgeport, Conn. Electric ground-plug. 1,572,079; Feb. 9.
Plisic, Bartol, Whitehall, Mont. Making butter. 1,572,123; Feb. 9.
Pointon, John E., London, England, assignor to Baker-Perkins Company Incorporated, White Plains, N. Y. Dough-molding machine. 1,572,080; Feb. 9.
Pokorny, Adolph, St. Paul, Minn. Stenciling apparatus. 1,572,081; Feb. 9.
Polson, William F., Buffalo, N. Y. Automobile hood fastener. 1,571,965; Feb. 9.
Pordon, Marino E., Alameda, Calif. Device for preventing loss of liquid by leakage from a valve. 1,572,678; Feb. 9.
Porter, Rudyard, and J. C. Whetzel, assignors to American Sheet and Tin Plate Company, Pittsburgh, Pa. Removal of oxids from ferrous metal. 1,572,848; Feb. 9.
Powell, Albert C., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,572,679; Feb. 9.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone-switching system. 1,572,222; Feb. 9.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 1,572,223; Feb. 9.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Long-distance telephone system. 1,572,224; Feb. 9.
Power, Robert E., Los Angeles, Calif. Lip-stick holder. Des. 69,409; Feb. 9.
Powers Accounting Machine Corporation. (See Lasker, William W., assignor.)
Preisser, George A., Denver, Colo. Air intake. 1,572,558; Feb. 9.
Prest-O-Lite Company, The. (See Benner, Raymond C., assignor.)
Presto-O-Lite Company. (See Weir, Helen G., assignor.)
Price, Archie P., Covington, Ind. Gasoline gauge. 1,572,807; Feb. 9.
Price, Jacob L., assignor to Bendix Brake Company, Chicago, Ill. Brake backing plate. 1,572,680; Feb. 9.
Proctor and Schwartz, Incorporated. (See Ayres, E. B., and Hurxthal, assignors.)
Proctor and Schwartz, Incorporated. (See Ayres, Elwood B., assignor.)
Providence Stock Company. (See Harrison, George D., assignor.)
Purnell, Enoch, et al. (See Purnell, Lemuel H., assignor.)
Purnell, John H. (See Simons, P. W., Purnell, and Carr.)
Purnell, Lemuel H., Chicago, assignor of one-half to H. G. Goelitz and one-half to E. Purnell, Oak Park, Ill. Machine for making pipe elbows. 1,572,559; Feb. 9.
Quinn, Cornelius J., Winfield Junction, N. Y. Steam purifier and drier. 1,572,245; Feb. 9.
Quisling, Sverre, Madison, Wis. Closure for containers. 1,572,808; Feb. 9.
Race, Arthur L., Boston, assignor of one-half to W. M. Kimball, Northampton, Mass. Door handle. 1,572,034; Feb. 9.
Ramge, William, assignor to Simon W. Farber, Inc., Brooklyn, N. Y. Teapot cover. 1,572,082; Feb. 9.
Rand, James H., jr., Tonawanda, N. Y. Card-index device. 1,572,035; Feb. 9.
Rapisardi, Alfio, Boston, Mass. Brush. 1,572,362; Feb. 9.
Rappaport, Jacob A., assignor to Reliance Fireproof Door Company, Brooklyn, N. Y. Sill for windows and the like. 1,572,309; Feb. 9.
Rarick, John J., Utica, N. Y. Machine for recharging magnetos and batteries. 1,572,560; Feb. 9.
Rarig, Walter A., Oakland, Calif. Oiling device. 1,572,681; Feb. 2.
Rasmussen, Chester A. (See Trout, W. A., and Butler, assignors.)
Ratcliff, Charles F., North Finchley, London, and D. Macadie, Palmer's Green, London, England. Machine for sorting documents. 1,572,809; Feb. 9.
Raube, William C., Schenectady, N. Y., assignor to General Electric Company. Motor-control system. 1,572,682; Feb. 9.
Ray, Arthur J., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Telephone trunk circuit. 1,571,966; Feb. 9.
Ray, Thomas, Siegas, New Brunswick, Canada. Rail jack. 1,572,810; Feb. 9.
Rayfield, Charles L., assignor to Beneke Manufacturing Company, Chicago, Ill. Carburetor. 1,572,036; Feb. 9.
Rayfield, Charles L., assignor to Beneke Manufacturing Company, Chicago, Ill. Carburetor. 1,572,037; Feb. 9.
Raymond, John D., Detroit, Mich. Screw-cap retainer and guide. 1,572,505; Feb. 9.
Re, Enrico, Camden, N. J. Tire-filling apparatus. 1,572,811; Feb. 9.
Read, Harry S., Ithaca, assignor to Western Electric Company, Incorporated, New York, N. Y. Amplifier circuits. 1,572,083; Feb. 9.
Red Cross Manufacturing Co., The. Bartlemay, Arlie, assignor.)
Rees, Edmund S. G., Wolverhampton, England. Propulsion and maneuvering of ships and aircraft. 1,572,812; Feb. 9.
Reeves, Samuel V., Haddonfield, N. J. Combination hot-water stove. 1,572,683; Feb. 9.
Regan Safety Devices Company, The. (See Shaver, A. G., and Kendall, assignors.)
Regar, Howard S., Norristown, Pa. Knitted hosiery. 1,572,084; Feb. 9.
Regnault, Henri. (See Chevalier, J. M. A., Bourcet, and Regnault.)
Reichel, Hugo, and W. L. Nies, Chicago, Ill. Ice-cream cutter. 1,572,363; Feb. 9.
Reinheimer, Harry S., Lehighton, Pa. Antiglare shield. 1,572,038; Feb. 9.
Reliance Fireproof Door Company. (See Rappaport, Jacob A., assignor.)
Renne, Ulysses S., Fort Calhoun, Nebr. Controlling rein. 1,572,506; Feb. 9.
Reynolds, George W. (See Smith, Henry L., assignor.)
Reynolds, Joseph S. (See Rhodes, John A., assignor.)
Reyrolle, A., & Company, Limited. (See Secretan, Harold F., assignor.)
Rex Manufacturing Company. (See Hull, Matthew R., assignor.)
Rhodes, John A., assignor of one-half to J. S. Reynolds, Atlanta, Ga. Powder sprayer. 1,572,684; Feb. 9.
Richard, Mark R., assignor to C. J. Dorrance, Chicago, Ill. Electrical apparatus. 1,572,039; Feb. 9.
Richardson Company, The. (See Fisher, Harry C., assignor.)
Richmond, Edward A. (See Smith, L. B., Richmond, and van der Meulen.)
Ricks, Fred. (See Roberts, W. T. B., and Ricks.)
Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter for panoramic cameras. 1,572,246; Feb. 9.
Rioux, Alfred C., Claresholm, Alberta, Canada. Oil-supply-indicating device for automobile engines. 1,572,310; Feb. 9.
Risden, Charles W., Hollywood, Calif. Valve. 1,572,085; Feb. 9.
Rist, Edward T., Oelwein, Iowa. Boiler furnace. 1,572,086; Feb. 9.
Ritter Dental Manufacturing Company. (See May, Adam J., assignor.)
Ritz Woller, Oliver C., Chicago, Ill. Combined light and license-plate holder. Des. 69,410; Feb. 9.
Ritz Woller, Oliver C., Chicago, Ill. Automobile signal lamp. Des. 69,411; Feb. 9.
Robbins, William H., Springfield, assignor to The Williams Company, London, Ohio. Steel-wool machine. 1,572,160; Feb. 9.
Robert, Florent E., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Air valve for fuel-mixture conduits. 1,572,507; Feb. 9.
Roberts, John Q. (See Colley, George F., assignor.)
Roberts, Louie D. (See Baldridge, A. G., and Roberts.)
Roberts Printing Company, The. (See Koehrman, Mathias G., assignor.)
Roberts, William T. B., and F. Ricks, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Stamping mechanism for evening and grading machines. 1,571,967; Feb. 9.
Roby, Harry L., Barnesville, Ohio. Cigar-making machinery. 1,571,968; Feb. 9.
Rockgas Products Company. (See Kerr, Arthur N., assignor.)
Rockwell, Byrd C., St. Joseph, Mo. Manufacturing veneered lumber. 1,572,247; Feb. 9.

Rockwood Sprinkler Company of Massachusetts. (See Carlson, Hjalmar G., assignor.)
Roehmholdt, Paul L., assignor to Irving Engineering Sales Company, Buffalo, N. Y. Locking device for slidable rods. 1,572,087; Feb. 9.
Roettges, Frederick, assignor to H. Hilfman, New York, N. Y. Chandelier or the like. Des. 69,412; Feb. 9.
Rogers, John F., Cleveland Heights, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Gas producer. 1,572,040; Feb. 9.
Rogers, John F., Cleveland Heights, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Gas producer. 1,572,041; Feb. 9.
Romerill, Frederick W., Raymond, Alberta, Canada. Auxiliary air inlet. 1,572,311; Feb. 9.
Rose, Ernest M., assignor of one-half to C. H. McCormick, Dulce, N. Mex. Nailing frame. 1,572,364; Feb. 9.
Rose, George F., Hyndsville, N. Y. Typewriter construction. 1,572,159; Feb. 9.
Rose, Richard C., Osceola, Ark. Automobile four-wheel drive. 1,572,561; Feb. 9.
Rosenbaum, Norbert, New York, N. Y. Slipper. Des. 69,413; Feb. 9.
Rosenthal, Morris G., assignor of one-half to F. E. Klein, Cincinnati, Ohio. Tag-mounting machine. 1,572,813; Feb. 9.
Ross, Julius. (See Schuelke, E., and Ross.)
Rotter, Max, Milwaukee, Wis., assignor to Busch-Sulzer Bros.-Diesel Engine Company, St. Louis, Mo. Internal-combustion engine. 1,572,365; Feb. 9.
Royal Importing Co. (See Mollengarden, Samuel, assignor.)
Ruess, Royce A. (See Halsey, Edward S., assignor.)
Ruprecht, Charles C., Orlando, Fla. Combined irrigating and frost-protecting system. 1,571,969; Feb. 9.
Russell, Thomas C., Chicago, Ill. Hair-straightening iron. 1,572,161; Feb. 9.
Ryan Car Company, The. (See Jackson, John A., assignor.)
Ryan, William J., Gary, Ind. Transmission. 1,572,312; Feb. 9.
Ryther, George D., assignor to Ryther & Pringle Co., Carthage, N. Y. Material-shredding machine. 1,572,366; Feb. 9.
Ryther & Pringle Co. (See Ryther, George D., assignor.)
Sabell, Augusta A., administratrix. (See Sabell, Charles.)
Sabell, Charles, deceased, Jersey City, N. J.; Augusta A. Sabell, administratrix. Pea-shelling machine. 1,572,867; Feb. 9.
Safety Boat Co. (See Nelson, Fred N., assignor.)
Safion, Herman A., New York, N. Y. Lighting-fixture canopy. Des. 69,414; Feb. 9.
Safion, Herman A., New York, N. Y. Lighting-fixture plate. Des. 69,415; Feb. 9.
Sanderson, Frank M., Swampscott, Mass., assignor to General Electric Company. Tapping machine. 1,572,685; Feb. 9.
Sanderson, Howard, Baldwin, N. Y., assignor to E. David, New York, N. Y. Fertilizer. 1,571,970; Feb. 9.
Sarat, Joseph, St. Louis, Mo. Hosiery protector. 1,572,313; Feb. 9.
Sarber, Emery N., Brighouse, Lulu Island, British Columbia, Canada. Direction indicator. 1,572,314; Feb. 9.
Sargent & Company. (See Shaw, John H., assignor.)
Scheinker, Ilja, Vienna, Austria. Duplicating machine. 1,571,971; Feb. 9.
Schellberg, Oscar B., New York, N. Y. Portable apparatus for use in proctotherapy. 1,572,043; Feb. 9.
Schertz, Joseph L., St. Louis, Mo. Combined sink and dish washer. 1,572,686; Feb. 9.
Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Peabody, Mass. Tensioning device for endless-belt members. 1,571,972; Feb. 9.
Schmelz, Henry, Willard, N. Y. Automatic regulating device for heating systems. 1,572,687; Feb. 9.
Schmidt, Fred, Chicago, Ill., assignor to Major Engineering Corporation. Internal-combustion engine. 1,572,508; Feb. 9.
Schmidt, Henry F. (See Trotter, H. R., and Schmidt.)
Schmitt, Conrad, Milwaukee, Wis. Illuminating fixture. Des. 69,416; Feb. 9.
Schneider, Frederick W., Baltimore, Md., assignor to Pittsburgh Plate Glass Company. Pneumatic paint-brush. 1,572,509; Feb. 9.
Schneider, Hermann. (See Straub, F., and Schneider.)
Schneiderman, William, New York, N. Y. Detergent composition. 1,572,814; Feb. 9.
Schoeppler, Walter B., New York, N. Y. Three-circuit coupler. 1,572,688; Feb. 9.
Scholl, Edward, assignor to D. W. Griffith, Incorporated, New York, N. Y. Mask set for multiple exposures in moving-picture cameras and process of making same. 1,572,315; Feb. 9.
Scholl, William M., Chicago, Ill. Arch support. 1,572,162; Feb. 9.
Schroeder, Anton, St. Paul, Minn. Candle lighter and snuffer. 1,572,316; Feb. 9.
Schroeder, Walter F., Detroit, Mich. Locating chart for vehicles. 1,572,447; Feb. 9.
Schuelke, Emil, and J. Ross, assignors to The Napier Co., Meriden, Conn. Powder holder. 1,572,562; Feb. 9.
Schulte, Henry J., Anaheim, Calif. Nonskidding device for vehicles. 1,572,689; Feb. 9.

Schultz, Rudolf G., and O. L. Hendren, Columbus, Nebr., deceased; said Schultz assignor to said Hendren; M. Hendren, administratrix. Combined luggage carrier and bumper. 1,572,815; Feb. 9.
Schwarz, Leo, Stendal, Germany. Rotating printing machine. 1,572,044; Feb. 9.
Schweizer, Bernard M., Nashville, Tenn. Comb. 1,572,411; Feb. 9.
Schwemlein, William, assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Closure member. 1,572,816; Feb. 9.
Scott, Allen C., Omaha, Nebr. Shipping container. 1,572,367; Feb. 9.
Scott, John L., et al. (See Bowles, Wallace, assignor.)
Scott, Philip L., Three Oaks, Mich., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Pump. 1,572,045; Feb. 9.
Scovill Manufacturing Company. (See Bennett, Morris H., assignor.)
Scovill Manufacturing Company. (See Hyde, Burdon P., assignor.)
Sorabic, Carl, Urbana, Ohio. Sound amplifier. 1,572,317; Feb. 9.
Scully, Alexander D., New York, N. Y. Mechanical thigh-corset-locking device for artificial limbs. 1,572,318; Feb. 9.
Scully, Alexander D., New York, N. Y. Mechanical ankle-movement device for artificial limbs. 1,572,319; Feb. 9.
Secord, Frederick A., Portland, Me., assignor of one-third to C. H. Peters and one-third to A. P. Patterson, St. John, New Brunswick. Drying apparatus. 1,572,849; Feb. 9.
Secretan, Harold F., Pelaw-on-Tyne, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, Durham, England. Electric wall plug. 1,572,563; Feb. 9.
See, Alonzo B. (See Lindstrom, N. O., and Olofson, assignors.)
Seelert, Frederick W., Minneapolis, Minn. Piston ring. 1,572,690; Feb. 9.
Seigle, Adolphe A. F. M., Paris, France. Apparatus for transforming and distilling hydrocarbons and the like. 1,572,691; Feb. 9.
Seller, Adam J., Freeport, Ill. Impression-making tool. 1,572,046; Feb. 9.
Seitz, Thomas, Morganville, Kans. Angle bar for railway rails. 1,572,368; Feb. 9.
Semple, Charles E., jr., Youngstown, Ohio. Guard for phonograph reproducers. 1,572,088; Feb. 9.
Shaffer, Glenn A., and F. H. Wirtz, Green Bay, Wis. Machine for interfolding paper. 1,572,817; Feb. 9.
Shaver, Archibald G., Chicago, Ill., and A. B. Kendall, Niagara Falls, assignors to The Regan Safety Devices Company, Inc., New York, N. Y. Train-control system. 1,572,564; Feb. 9.
Shaw, John H., assignor to Sargent & Company, New Haven, Conn. Lock for gear-shift levers and the like. 1,572,320; Feb. 9.
Shaw, John K., Minneapolis, Minn. Making board from bagasse and analogous fibers. 1,572,565; Feb. 9.
Shelton, Harry J., St. Louis, Mo. Grinder and pulverizer. 1,572,692; Feb. 9.
Shephard, Walter S., Balham, London, England. Inductance coil for use in wireless telegraphy and telephony. 1,572,047; Feb. 9.
Shepherd, Harold F., Reno, Nevada. Apparatus for delivering measured charges of fluid. 1,572,163; Feb. 9.
Shepherd, Harold F., assignor to The Kent-Owens Machine Company, Toledo, Ohio. Charge-delivering device for explosive engines. 1,572,164; Feb. 9.
Sheppard, Samuel E., and L. W. Eberlin, assignors to Eastman Kodak Company, Rochester, N. Y. Reducing the viscosity characteristics of nitrocellulose. 1,572,248; Feb. 9.
Sheppard, Samuel E., and L. W. Eberlin, assignors to Eastman Kodak Company, Rochester, N. Y. Reducing the viscosity characteristics of nitrocellulosic materials. 1,572,249; Feb. 9.
Shivell, Homer J., and K. W. Koeniger, Kingsport, Tenn., assignors to Grant Leather Corporation. Leather belt and producing same. 1,571,973; Feb. 9.
Shyrock, Charles, Galena, Kans. Safety device for railway switches. 1,572,089; Feb. 9.
Sidebotham, Melvin H. ((See La Bombard, L. E., and Sidebotham.)
Siegfried, Eugene G., assignor of one-half to A. W. Vogt, Lincoln, Nebr. Manifold heater. 1,572,621; Feb. 9.
Siemens, Friedrich C., Berlin, Germany. Reheating furnace. 1,572,566; Feb. 9.
Siemens & Halske Aktiengesellschaft. (See Horn, Ernst, assignor.)
Siemens & Halske Aktiengesellschaft. (See Horn, E., and Langer, assignors.)
Simons, Philip W., J. H. Purnell, and H. L. Carr, Hastings, Mich.; said Purnell and said Carr assignors to said Simons. Combined harrow and float or clod crushers. 1,571,974; Feb. 9.
Simons, Venning D., Chicago, Ill. Process and apparatus for removing water and air from paper-machine driers. 1,572,448; Feb. 9.
Simplex Heater Company. (See Hall, Albert L., assignor.)
Sinclair, Daniel, assignor to J. J. Sinclair, New York, N. Y. Extension pedal tread. 1,572,369; Feb. 9.
Sinclair, Jessie J. (See Sinclair, Daniel, assignor.)

Skorka, Michael, Budapest, Hungary. Roller skate. 1,572,567; Feb. 9.
Slaiger, Henry, North Attleboro, assignor to D. F. Briggs Company, Attleboro, Mass. Vanity case. 1,572,850; Feb. 9.
Slater, Mabel H., New York, N. Y. Doll's head. 1,572,321; Feb. 9.
Sledge, Henry N., Jersey City, N. J. Lock mechanism. 1,572,449; Feb. 9.
Smith and Dwyer Manufacturing Company. (See Smith, Earl A., assignor.)
Smith, Arthur E., assignor to C. A. Smith, Pittsburg, Kans. Method of and means for preparing medicinal and anaesthetic solutions. 1,572,322; Feb. 9.
Smith, Arthur E., assignor to C. A. Smith, Pittsburg, Kans. Medicinal and anæsthetic package. 1,572 323; Feb. 9.
Smith, Arthur E., assignor to C. A. Smith, Pittsburg, Kans. Medicinal and anæsthetic package. 1,572,324; Feb. 9.
Smith, Charles W. (See Budd, Selden J., assignor.)
Smith Chimes Clock Company, The. (See Smith, George L., assignor.)
Smith, Clarence S., assignor to The Blue Bird Products Company, Kansas City, Mo. Vending machine. 1,572,090; Feb. 9.
Smith, Claude A. (See Smith, Arthur E., assignor.)
Smith, Earl A. (See Dwyer, Daniel I., assignor.)
Smith, Earl A., assignor to Smith and Dwyer Manufacturing Company, Dayton, Ohio. Toy airplane. 1,572,166; Feb. 9.
Smith, Earl G., and A. B. Combs, Portland, Oreg. Valve-facing machine. 1,572,165; Feb. 9.
Smith, Edgar L., Los Angeles, Calif. Auto parking device. 1,572,250; Feb. 9.
Smith, Frank E., Scottdale, Pa. Drive mechanism. 1,572,518; Feb. 9.
Smith, Franklin E. (See Maglathlin, Horace B., assignor.)
Smith, George L., Fort Wayne, Ind., assignor to The Smith Chimes Clock Company. Chimes-striking mechanism. 1,572,167; Feb. 9.
Smith, Harold E., Cleveland Heights, Ohio. Cooking apparatus. 1,572,168; Feb. 9.
Smith, Harry W., Conimicut, R. I., assignor to Whiting & Davis Company. Machine for making link mesh. 1,572,693; Feb. 9.
Smith, Henry I., Gainesville, assignor of one-half to G. W. Reynolds, Rock Glen, N. Y. Automatic clutch control for motor vehicles. 1,572,370; Feb. 9.
Smith, Jasper A. (See Buvinger, G. A., Warner, and Smith.)
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,572,622; Feb. 9.
Smith, Lawrence F., assignor of one-half to W. B. De Coursey, Hazard, Ky. Rerailer. 1,572,092; Feb. 9.
Smith, Loren B., E. A. Richmond, Riverton, and P. A. van der Meulen, New Brunswick, N. J., assignors, by mesne assignments, to the people of the United States. Attractant for insects, particularly for the Japanese beetle. 1,572,568; Feb. 9.
Smith, Ralph H., Brooklyn, N. Y. Extension arm for pulley lines. 1,572,819; Feb. 9.
Smith, Seybert J., Chadwick, Ill. Counter guard. 1,572,091; Feb. 9.
Smith, William A., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Combined throttle and governor for pneumatic tools. 1,572,371; Feb. 9.
Smith, William E., Jackson, Miss. Piston. 1,572,325; Feb. 9.
Smythe, Edwin H., Evanston, Ill., and S. B. Williams, Jr., Brooklyn, N. Y., assignors to Western Electric Company, Incorporated, New York, N. Y. High-frequency-wave signaling and communicating system. 1,572,756; Feb. 9.
Societe Chimique des Usines du Rhone. (See Altwegg, J., and Chermette, assignors.)
Société d'Etudes Chimiques pour l'Industrie. (See Breslauer, J., and Goudet, assignors.)
Societe of Chemical Industry in Basle. (See Straub, F., and Schneider, assignors.)
Société R. Guyot & Cie. (See Guyot, Henri R., assignor.)
Souder, Harvey S. (See Jobson, William P., assignor.)
Spalsbury, Charles B., assignor to Johnson, Stephens & Shinkle Shoe Company, St. Louis, Mo. Making boots and shoes. 1,572,042; Feb. 9.
Speare's, Alden, Sons Co., The. (See Howe, William C., assignor.)
Specialty Automatic Machine Company. (See La Bombard, L. E., and Sidebotham, assignors.)
Speed-O Muitiple Valve Lifter Corporation. (See Wood, Louis M., assignor.)
Spellman, Herbert W. (See Johnson, J. E., and Spellman.)
Spencer, Charley O. (See Spencer, Earnest F. and C. O.)
Spencer, Earnest F. and C. O., Commerce, Okla. Drill-pulling jack. 1,572,048; Feb. 9.
Spencer, Roy G., Seattle, Wash. Toy railway. 1,572,569; Feb. 9.
Spiitdorf Electrical Company. (See McKeown, Samuel C., assignor.)
Splitdorf Electrical Company. (See Nowosielski, Edward B., assignor.)
Sporer, Anton W., Manitowoc, Wis. Adjustable curvature form. 1,572,820; Feb. 9.
Spray, Lester E., Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 1,572,570; Feb. 9.
Spreen, Charles C., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich. Universal brine-tank support. 1,572,851; Feb. 9.
Staggers, William F., Mannington, W. Va. Antiskid device. 1,572,821; Feb. 9.
Staley, Samuel S., Reading, Pa. Screen for automobile lamps. 1,572,623; Feb. 9.
Standard Varnish Works. (See Beausejour, Reme A., assignor.)
Starr, Frank F., assignor to Delco-Light Company, Dayton, Ohio. Battery-charging system. 1,572,251; Feb. 9.
Stebler, Fred, Riverside, Calif. Bearing. 1,572,093; Feb. 9.
Stedman, Vane M. (See Hazlett, Walter H., assignor.)
Stephenson, Samuel E., Atlanta, Ga. Hydraulic ram. 1,572,822; Feb. 9.
Stephenson, Wilfred H., San Antonio, Tex. Filling device for filling tanks. 1,572,049; Feb. 9.
Stewart-Warner Speedometer Corporation. (See Robert, Florent E., assignor.)
Stewart, William J., Clinton, Iowa. Gate for poultry-feeding batteries. 1,572,050; Feb. 9.
Stierheim, Francis A., Pittsburgh, Pa. Hack-saw frame. 1,572,823; Feb. 9.
Stinnes, Zeche M. (See Weindel, Anton, assignor.)
Stone, Andrew H., Kansas City, Mo. Extension table. 1,572,571; Feb. 9.
Stone, Walter. (See Magor, R. A., and Stone.)
Straight, Halver R., Adel, Iowa. Drier kiln. 1,572,326; Feb. 9.
Straight, Halver R., Adel, Iowa. Continuous kiln. 1,572,327; Feb. 9.
Straka, John, Chicago, Ill. Safety razor. 1,572,572; Feb. 9.
Straub, Fritz, Basel, and H. Schneider, Riehen, near Basel, Switzerland, assignors to the Firm Societe of Chemical Industry in Basle, Basel, Switzerland. Azodyestuffs containing zinc and making same. 1,572,573; Feb. 9.
Stromberg-Carlson Telephone Manufacturing Company, The. (See Powell, Winfred T., assignor.)
Stromborg, Oscar, Los Angeles, Calif. Device for protecting structures against earthquake damage. 1,572,574; Feb. 9.
Structural Gypsum Corporation. (See Peverley, Ralph St. L., assignor.)
Studebaker Corporation, The. (See Woodside, W. P., and Dawe, assignors.)
Sudhoff, Alfred G. (See Galloway, R. M., and Sudhoff.)
Sullivan, Joseph F., New York, N. Y. Motor vehicle. 1,572,051; Feb. 9.
Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
Sullivan Machinery Company. (See Lee, Frank M., assignor.)
Sullivan Machinery Company. (See Mitchell, Joseph S., assignor.)
Super Diesel Tractor Corporation. (See Scott, Philip L., assignor.)
Swartwout, Everett W., White Plains, N. Y. Steam-engine-valve gear. 1,572,372; Feb. 9.
Swebilius, Carl G., assignor, by mesne assignments, to The Marlin Firearms Corporation, New Haven, Conn. Firearm. 1,571,975; Feb. 9.
Swebilius, Carl G., assignor, by mesne assignments, to The Marlin Firearms Corporation, New Haven, Conn. Automatic rifle. 1,572,450; Feb. 9.
Swett, Charles E., West Roxbury, Mass., assignor to United States Envelope Company, Springfield, Mass. Making transparent paper. 1,571,976; Feb. 9.
Swift & Company. (See Bermond, Lester W., assignor.)
Swift & Company. (See Flinn, Paul A., assignor.)
Taft, George F., et al. (See Gillis, Charles R., assignor.)
Talbot, Howard H., assignor of one-half to L. A. Woodard, Wooster, Ohio. Apparatus for cutting helical bevel teeth. 1,572,624; Feb. 9.
Tatge, John, White City, Kans. Scraper. 1,572,824; Feb. 9.
Taylor Companies. (See Hodgkinson, Edwin, assignor.)
Taylor, George A., Muncie, Ind. Circuit-control means. 1,572,169; Feb. 9.
Taylor, James W., San Antonio, Tex. Pumping apparatus. 1,572 329; Feb. 9.
Taylor, James W., San Antonio, Tex. Pumping apparatus. 1,572,330; Feb. 9.
Taylor, James W., San Antonio, Tex. Pumping apparatus. 1,572,331; Feb. 9.
Taylor, James W., San Antonio, Tex. Pumping apparatus. 1,572,332; Feb. 9.
Taylor, James W., San Antonio, Tex. Pumping apparatus. 1,572,333; Feb. 9.
Taylor, William, Leicester, England. Optical instrument. 1,572 575; Feb. 9.
Taylor, William C., assignor to Corning Glass Works, Corning, N. Y. Glass. 1,572,625; Feb. 9.
Taylor, William H., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Platform scale. 1 572,328; Feb. 9.

Taylor, William H., Ford City, Pa. assignor to Pittsburgh Plate Glass Company. Apparatus for finishing reflector blanks. 1,572,451; Feb. 9.
Tessier, Julien, assignor to Eastman Kodak Company, Rochester, N. Y. Motion-picture apparatus. 1,572,252; Feb. 9.
Thermal Industrial and Chemical (T. I. C.) Research Company Limited. (See Duckham, Arthur M., assignor.)
Thermo Electric Battery Company. (See Hermann, Otto, assignor.)
Thomas, Adolph A., New York, N. Y. Telephone receiver. 1,572,452; Feb. 9.
Thomas Day Company. (See Kestell, Philip, assignor.)
Thomas, James B., Blairstown, Mo. Transmission. 1,572,576; Feb. 9.
Thomas, James F., Windsor, Ontario, Canada. Power-generating mechanism. 1,572,577; Feb. 9.
Thomas, James F. Montreal, Quebec, Canada. Power-generating mechanism. 1,572,578; Feb. 9.
Thompson, Errol M., assignor to Thompson-Field Company, Inc., Brockton, Mass. Shoe-filler apparatus. 1,572,694; Feb. 9.
Thompson-Field Company. (See Thompson, Errol M., assignor.)
Thompson, George L., Memphis, Tenn. Railway-switch stand. 1,572 579; Feb. 9.
Thompson, Harry. (See Burgess, L. G., and Thompson.)
Tilson, Donald H., Badin, N. C., assignor to Aluminum Company of America, Pittsburgh, Pa. Starting electrolytic cells. 1,572,253; Feb. 9.
Timken Roller Bearing Company, The. (See Vanderbeek, Herbert, assignor.)
Tinker, Frank, Sutton Coldfield, England. Apparatus for the production of gasoline. 1,572,626; Feb. 9.
Todhunter, William H., Picher, Okla. Tool. 1,572,094; Feb. 9.
Toledo Milling Machine Company, The. (See Waite, Lorenzo E., assignor.)
Tornés, Joaquin R., Ada, Ohio. Game. 1,572,254; Feb. 9.
Trotter, Henry R., Swarthmore, and H. F. Schmidt, Lansdowne, Pa., assignors to Westinghouse Electric & Manufacturing Company. Fluid-pressure governor. 1,571,977; Feb. 9.
Trout, William A., and C. R. Butler, assignors of one-third to C. A. Rasmussen, Long Beach, Calif. Casing head. 1,572,052; Feb. 9.
Troutman, Frank E., and C. H. Christie, Butler, Pa. Method and apparatus for casting plate glass. 1,572,580; Feb. 9.
Troutman, Frank E., and C. H. Christie, Butler, Pa. Casting plate glass. 1,572 581; Feb. 9.
Trudeau, John F. (See Heitman, E., and Trudeau.)
Trumbull Electric Mfg. Company, The. (See Leppert, Henry E., assignor.)
Truscon Steel Company. (See Kane, Thomas H., assignors.)
Tuñez, Amable S., Easton, Pa., assignor of one-half to M. Levin, Philadelphia, Pa. Window sash. Re16,261; Feb. 9.
Tunstall, Harry, Fairhaven, assignor to Alsatian Machine Works, Limited, Boston, Mass. Waste-delivery means. 1,571,978; Feb. 9.
Tunstall, Harry, Fairhaven, assignor to Alsatian Machine Works, Limited, Boston, Mass. Sliding-bar top-comb frame. 1,571,979; Feb. 9.
Turner Tanning Machinery Company, The. (See Schettler, Gustav A., assignor.)
Twombly, Willard L., New York, N. Y., assignor, by mesne assignments, to The Wilcolator Company, Newark, N. J. Gasoline engine. 1,571,980; Feb. 9.
Tytus, John B., assignor to The American Rolling Mill Company, Middletown, Ohio. Pull back table. 1,572,582; Feb. 9.
Tytus, John B., assignor to The American Rolling Mill Company, Middletown, Ohio. Sheet-pickling method. 1,572,583; Feb. 9.
Uhl, Henry W., Freeport, N. Y. Driving means for electrical igniters. 1,572,255; Feb. 9.
Underwood Typewriter Company. (See Helmond, William F., assignor.)
Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Typewriter Company. (See Oswald, Alfred E., assignor.)
Underwood Typewriter Company. (See Smith, Jesse A. B., assignor.)
Underwood Typewriter Company. (See Urban, Max R., assignor.)
Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)
Union Switch & Signal Company, The. (See Spray, Lester E., assignor.)
United Cigarette Machine Co. (See Koerner, Ewald, assignor.)
United Shoe Machinery Corporation. (See Fowler, Alfred B., assignor.)
United Shoe Machinery Corporation. (See Furber, Frederick M., assignor.)
United Shoe Machinery Corporation. (See Jacques, George W., assignor.)
United Shoe Machinery Corporation. (See Knowlton, Cutler D., assignor.)
United Shoe Machinery Corporation. (See Roberts, W. T. B., and Ricks, assignors.)
United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)
United States Envelope Company. (See Swett, Charles E., assignor.)
United States Hat Machinery Corporation. (See Chudoba, Frank F., assignor.)
United States Stoneware Company. (See Chamberlain, John J., assignor.)
Unrub, Albert E., assignor of one-half to S. J. Ostrander, Salem, Oreg. Printer's quoin. 1,572,825; Feb. 9.
Urban, Max R., Elizabeth, N. J., assignor to Underwood Typewriting Company, New York, N. Y. Typewriting machine. 1,572,334; Feb. 9.
Utica Duxbak Corporation. (See Conover, W. E., and Bush, assignors.)
Vail, George I., Cleveland, Ohio. Device for affording protection against the elements. 1,571,981; Feb. 9.
Vallier, Orvis W., assignor to J. B. Wise Incorporated, Watertown, N. Y. Attachment for sink faucets. 1,572,412; Feb. 9.
Van Amburg, Otto H., and L. A. Kempton, Bridgeport, Conn., assignors to General Electric Company. Electric switch. 1,572,695; Feb. 9.
Van Buren, John, Brooklyn, assignor to American Chicle Company, New York, N. Y. Wrapping machine. 1,572,256; Feb. 9.
Van Buren, John, Brooklyn, N. Y., assignor to American Chicle Company, New York, N. Y. Packaging machine 1,572,257; Feb. 9.
Vanderbeek, Herbert, assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing. 1,572,453; Feb. 9.
Vanderkamp, John, assignor to The Van Toy Company, Cleveland, Ohio. Sound-reproducing machine. 1,572,696; Feb. 9.
Van der Meulen, Peter A. (See Smith, L. B., Richmond, and van der Meulen.)
Van der Pyl, Edward, Holden, Mass. Shock absorber. 1,572,095; Feb. 9.
Van Toy Company, The. (See Vanderkamp, John, assignor.)
Van Valkenburg, Freeman, Kington, N. Y. Toy vehicle. 1,572,335; Feb. 9.
Vastola, Charles A., Waterbury, Conn. Cabinet for phonograph records. 1,572,454; Feb. 9.
Veetmeier, George, Milwaukee, Wis. Lamp. Des. 69,417; Feb. 9.
Vends Ads Corp. (See Chandler, Daniel L., assignor.)
Vestal, Merton I. (See Fournier, E. E., and Vestal.)
Villard, Richard H., Atlanta, Ga. Compressed rubber and air cushion for tires. 1,572,053; Feb. 9.
Villaret, Gustave E., Leonia, N. J., assignor to H. Hilfman, New York, N. Y. Chandelier or the like. Des. 69,418; Feb. 9.
Virgin, William H., New Orleans, La. Combined abdominal supporter and trousers-suspending device. 1,572,826; Feb. 9.
Vogt, August W. (See Siegfried, Eugene G., assignor.)
Vogt, Erich, and L. Kirchhof, Bergisch-Gladbach, Germany. Smelting or heating furnace with firing of coal dust. 1,572,336; Feb. 9.
Vogt, Wilhelm, Melide, Switzerland. Direction indicator for motor vehicles. 1,572,413; Feb. 9.
Von Hagel, William H., Baltimore, Md. Oil burner. 1,572,697; Feb. 9.
Von Pein, Edward J., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,572,054; Feb. 9.
Wachter, Josef T., West Hoboken, N. J. Film holder. 1,572,337; Feb. 9.
Wadsworth, James M., Fort Worth, Tex., assignor to Pierce Petroleum Corporation, New York, N. Y. Method and apparatus for distilling oil. 1,572,584; Feb. 9.
Wagley, Hugh F., Mineral Wells, Tex. Douche table. 1,572,096; Feb. 9.
Wagner, Walter, Chicago, Ill. Electrically-operated sealing means for vacuum bottles. 1,572,827; Feb. 9.
Waite, Lorenzo E., assignor to The Toledo Milling Machine Company, Toledo, Ohio. Liquid dispenser. 1,572,338; Feb. 9.
Waite, Norman S., et al. (See Gillis, Charles P., assignor.)
Walker, Mark, Los Angeles, assignor to The Pacific R. & H. Chemical Corporation, El Monte, Calif. Purification of hydrocyanic acid. 1,571,982; Feb. 9.
Wallis, Henry E., Chicago, Ill., assignor of one-third to A. G. Bush, Davenport, Iowa. Vertical steam boiler and water heater. 1,572,373; Feb. 9.
Walsh, Edward A. (See Walsh, Edward Y. and E. A.)
Walsh, Edward Y. and E. A., Eccles, England. Truck for tramway vehicles. 1,572,339; Fezb. 9.
Walsh, Joseph H., Boston, Mass., assignor to Johns-Manville, Incorporated, New York, N. Y. Apparatus for use in stretching and drying textile fabrics. 1,572,585; Feb. 9.
Walter, Albert U., Baltimore, Md. Horn button attachment. 1,572,828; Feb. 9.
Walters, Nils P., Fort Madison, Iowa. Time piece. 1,572,097; Feb. 9.

Walton, Charles F., jr. (See Paine, H. S., Walton, and Birckner.)
Ward, M. A. (See Brewer, John W., assignor.)
Warner, Clarence. (See Buvinger, G. A., Warner, and Smith.)
Warren, Ernest, Peoria, Ill. Brake-lining rack. 1,572,340; Feb. 9.
Warren, Harry R., Wabuska, assignor to Warren Seed Cleaning Company, Reno, Nev. Method and apparatus for cleaning, separating, and grading seeds and other bodies. 1,572,055; Feb. 9.
Warren Seed Cleaning Company. (See Warren, Harry R., assignor).
Waterbury Clock Co. (See Horn, Ernest H., assignor.)
Watrous, Clifford M., East Hampton, Conn., assignor to Gong Bell Manufacturing Company. Toy telephone transmitter. 1,572,852; Feb. 9.
Watson, Lawrence, and A. O. Middlemiss, Vancouver, Wash. Tree jack. 1,572,856; Feb. 9.
Wayne Tank & Pump Company. (See Huston, Dwight W., assignor.)
Weber, Herman G., Marinette, Wis., assignor of one-half to American Lakes Paper Company, Chicago, Ill. Paper-bag machine. 1,571,983; Feb. 9.
Weber, Herman G., Appleton, Wis., assignor of one-half to American Lakes Paper Company, Chicago, Ill. Paper-bag machine. 1,571,984; Feb. 9.
Weber, Karl A., Los Angeles, Calif. Machine for grinding glass plates. 1,571,985; Feb. 9.
Weber, Mathias J., assignor to Continental Scale Works, Chicago, Ill. Weighing scale. 1,572,627; Feb. 9.
Wedge, Utley, Paoli, Pa. Air blower of the caguiardelle type. 1,572,628; Feb. 9.
Weeks, Robert A., Wisconsin Rapids, Wis. Trailer coupling. 1,572,056; Feb. 9.
Weesner, Carl W. (See Grafton, H. T., and Weesner.)
Weesner, Carl W. (See Grafton, H. T., Weesner, and Hoffman.)
Weindel, Anton, assignor to Z. M. Stinnes, Essen-Ruhr, Germany. Purification of crude ammoniacal liquors. 1,571,986; Feb. 9.
Weinfeld, Charles, et al., executors. (See Herskovitz, Max.)
Weir, Helen G., Newark, N. J., assignor to The Prest-O-Lite Company, Inc. Composition for storage-battery electrodes and making the same. 1,572,586; Feb. 9.
Weir, James W. (See Black, J. C., and Weir.)
Weiss, Benjamin, New York, N. Y. Automatic drip-pan alarm. 1,572,057; Feb. 9.
Welch, John R., deceased, Muncie, Ind. assignor to V. M. Welch, executrix. Metal wheel spoke. 1,572,170; Feb. 9.
Welch, Viola M., executrix. (See Welch, John R., assignor.)
Wellen, Henry, New York, N. Y. Tray for cups or similar articles. Des. 69,419; Feb. 9.
Wellman-Seaver-Morgan Company The. (See Rogers, John F., assignor.)
Welte-Mignon Corporation. (See Bockisch, Heinrich, assignor.)
Welton, Park E., Akron, Ohio. Making fuel briquettes. 1,572,629; Feb. 9.
Western Electric Company. (See Clark, Edgar H., assignor.)
Western Electric Company. (See Harrison, Henry C., assignor.)
Western Electric Company. (See Hendry, William F., assignor.)
Western Electric Company. (See Houskeeper, William G., assignor.)
Western Electric Company. (See Kelly, Mervin J., assignor.)
Western Electric Company. (See Newman, Paul A., assignor.)
Western Electric Company. (See Powell, Albert C., assignor.)
Western Electric Company. (See Read, Harry S., assignor.)
Western Electric Company. (See Smythe, E. H., and Williams, assignors.)
Western Electric Company. (See Williams, Samuel B., assignor.)
Western Wheeled Scraper Company. (See Falkner, Benjamin H., assignor.)
Westinghouse Air Brake Company, The. (See Cass, Christopher P., assignor.)
Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)
Westinghouse Air Brake Company, The. (See Wildin, George W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Trotter, H. R., and Schmidt, assignors.)
Westinghouse, Henry H., New York N. Y. Antislipping starting device for steam locomotives. 1,572,171; Feb. 9.
Westinghouse Lamp Company. (See Myers, Ralph E., assignor.)
Westinghouse Lamp Company. (See Whitmore, J. B., and Ferguson, assignor.)
Weston, William S., Dallas, Tex. Anticreeper for railway rails. 1,572,455; Feb. 9.
Wetzel, Peter A., Springfield, Ill. Filing-cabinet drawer. 1,572,172; Feb. 9.
Whetzel, Joshua C. (See Porter, R., and Whetzel.)
White, Hugh T., Dallas, Tex. Gear-shift control. 1,572,829; Feb. 9.
Whiteside, Robert E., assignor to H. Bielfeldt, Los Angeles, Calif. Sand-box and playhouse. 1,572,630; Feb. 9.
Whiting & Davis Company. (See Smith, Harry W., assignor.)
Whitmore, James B., and J. E. Ferguson, Bloomfield, N. J., assignors to Westinghouse Lamp Company. Sealing-in machine for tipless lamps. 1,572,631; Feb. 9.
Wicke, A. C., Manufacturing Company. (See Wicke, Charles E., assignor.)
Wicke, Charles E., Mount Vernon, assignor to A. C. Wicke Manufacturing Company, New York, N. Y. Display case. 1,572,456; Feb. 9.
Wicks, Zeno W., Fort Worth, Tex., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Compressor or pump. 1,572,632; Feb. 9.
Wiedman, George P., North Tonawanda, N. Y. Automobile body. Des. 69,420; Feb. 9.
Wieland, Charles F., and E. Jansen, San Francisco, Calif.; said Jansen assignor to said Wieland. Pipe-wrapping machine. 1,572,258; Feb. 9.
Wietzel, Rudolf, assignor to Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany. Manufacture and production of alkyl esters. 1,572,698; Feb. 9.
Wiggins, Fred, Louisville, Ky. Fly poisoner. 1,572,098; Feb. 9.
Wilbert, Harry E., Harrisburg, Pa. Snow scooping and melting apparatus. 1,572,414; Feb. 9.
Wilcolator Company, The. (See Twombly, Willard I., assignor.)
Wildin, George W., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train-speed-control device. 1,572,173; Feb. 9.
Willcox, Arthur L., Savannah, Ga. Time book. 1,572,341; Feb. 9.
Williams Company, The. (See Robbins, William H., assignor.)
Williams, Frank L. (See Williams, John L. and F. L.)
Williams, John L. and F. L., Wakita, Okla. Grease cup. 1,572,415; Feb. 9.
Williams, Samuel B., jr. (See Smythe, E. H., and Williams.)
Williams, Samuel B., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,572,587; Feb. 9.
Williamsport Building Products Co. (See Frosell, Oscar, assignor.)
Wiltsey, Charles E., East Orange, N. J. Making pipe filters. 1,572,342; Feb. 9.
Winders, William D., Columbus, Ohio, assignor to H. C. Miller, Milwaukee, Wis. Loose-leaf binder. 1,572,588; Feb. 9.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon stock. 1,571,987; Feb. 9.
Winter, William J., and F. M. Holmes, Denver, Colo. Foot accelerator for automobiles. 1,572,457; Feb. 9.
Winters, Frederick V., New York, N. Y. Spark plug. 1,572,058; Feb. 9.
Winthrop Chemical Company. (See Calisen, Jürgen, assignor.)
Wirthwein, Albert, Milwaukee, Wis. Photographic-printing device. 1,572,699; Feb. 9.
Wirtz, Franklin H. (See Shaffer, G. A., and Wirtz.)
Wise, J. B., Incorporated. (See Vallier, Orvis W., assignor.)
Witherow Steel Company. (See Witherow, William P., assignor.)
Witherow, William P., Pittsburgh, Pa., assignor to Witherow Steel Company. Die-rolled blank and method and apparatus for making the same. 1,572,343; Feb. 9.
Wolff, Edwin C., Philadelphia, Pa. Fixture stand. 1,572,344; Feb. 9.
Wolk, Raymond, St. Louis, Mo. Reel. 1,572,174; Feb. 9.
Wollensak, Andrew, assignor to Wollensak Optical Company, Rochester, N. Y. Photographic shutter. 1,572,345; Feb. 9.
Wollensak Optical Company. (See Wollensak, Andrew, assignor.)
Wood, Louis M., assignor to Speed-O Multiple Valve Lifter Corporation, New York, N. Y. Valve-spring-lifting mechanism. 1,572,059; Feb. 9.
Woodard, Louis A. (See Talbot, Howard H., assignor.)
Woodcraft Company, The. (See Allemeier, Albert W., assignor.)
Woods, John A. (See Woods, Lorenzo D., assignor.)
Woods, Lorenzo D., assignor of one-half to J. A. Woods, Cambridge, Iowa. Device for feeding moisture to banana stalks. 1,572,259; Feb. 9.
Woodside, William P., and C. N. Dawe, Detroit, Mich., assignors to The Studebaker Corporation, South Bend, Ind. Alloy steel. 1,572,458; Feb. 9.
Woodward, Arthur H., assignor to International Register Co., Chicago, Ill. Service cabinet. 1,571,988; Feb. 9.
Worthington Pump and Machinery Corporation. (See Wicks, Zeno W., assignor.)

Wright Manufacturing Company. (See Dotzert, Jacob, assignor.)
Wright, Wallace C., Brookfield, N. H., and D. E. Harding, Arlington, assignors to Harding Engineering Company, East Boston, Mass. Hide-carrying horse and truck. 1,572,260; Feb. 9.
Wuesthoff, Maximillian W., San Francisco, Calif. Spout for bath and lavatory fixtures. Des. 69,421; Feb. 9.
Yarnall, William W., Harrisburg, Pa. Shock-absorbing spring and snubber. 1,572,060; Feb. 9.
Yetter, Edward J., Denver, Colo. Expansion joint strip. 1,572,261; Feb. 9.
Young, Franz W., Everett, Mass. Air heater for internal-combustion engines. 1,572,416; Feb. 9.
Young, William M., Oakland, Calif. Tree-light holder. 1,572,700; Feb. 9.
Zenith Radio Corporation. (See Perlesz, Hugo, assignor.)
Zimmermann, Paul G., Keyport, N. J., assignor to Aeromarine Plane & Motor Company, New York, N. Y. Aerofoil. 1,571,989; Feb. 9.
Zlock, Edward J., assignor to Burson Knitting Company, Rockford, Ill. Finishing stockings. 1,572,061; Feb. 9.
Zug, Ray, Los Angeles, Calif. Combined bridge-lamp bracket and smoking set. Des. 69,422; Feb. 9.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 9TH DAY OF FEBRUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Abdominal supporter and trousers-suspending device, Combined. W. H. Virgin. 1,572,826; Feb. 9.
Abrading machine. A. B. Fowler. 1,571,936; Feb. 9.
Abrader, Reciprocating. C. D. Knowlton. 1,571,953; Feb. 9.
Acid, Purification of hydrocyanic. M. Walker. 1,571,982; Feb. 9.
Adjustable pipe hanger. C. J. Branch. 1,572,636; Feb. 9.
Aerofoil. P. G. Zimmermann. 1,571,999; Feb. 9.
Aeroplane. J. Ciccolanni. 1,572,767; Feb. 9.
Aeroplane brake. R. J. Pick, jr. 1,572,361; Feb. 9.
Aeroplanes, Brake for. H. E. Baughman. 1,572,834; Feb. 9.
Air blower of the Cagniardelle type. U. Wedge. 1,572,628; Feb. 9.
Air inlet, Auxiliary. F. W. Romeril. 1,572,311; Feb. 9.
Air intake. G. A. Preisser. 1,572,558; Feb. 9.
Air-operated testing device. R. H. Mueller and C. W. Hathaway. 1,571,958; Feb. 9.
Alarm: *See*—
  Drip-pan alarm.
Alcohols from halogenated aldehydes, Production of. H. Meerwein. 1,572,742; Feb. 9.
Aliphatic-aromatic ketones with polyalcohols, Manufacture of condensation products of compound. J. Altwegg and E. F. Chermette. 1,572,176; Feb. 9.
Alkyl esters, Manufacture and production of. R. Wietzel. 1,572,698; Feb. 9.
Alloy. J. H. L. De Bats. 1,572,593; Feb. 9.
Alloy. R. L. Johnston. 1,572,357; Feb. 9.
Alloy, Aluminum. R. L. Johnston, R. S. Archer, and Z. Jeffries. 1,572,489–90; Feb. 9.
Alloy, Aluminum. A. Pacz. 1,572,502; Feb. 9.
Alloy, Aluminum-copper. Z. Jeffries and R. S. Archer. 1,572,487; Feb. 9.
Alloy, Aluminum-silicon. Z. Jeffries and R. S. Archer. 1,572,488; Feb. 9.
Alloy and making the same, Nickel. P. D. Merica. 1,572,744; Feb. 9.
Alloy, Metallic. E. R. Crosby. 1,572,382; Feb. 9.
Alloy steel. W. P. Woodside and C. N. Dawe. 1,572,458; Feb. 9.
Alloys, Making castings of aluminum-silicon. R. S. Archer and J. D. Edwards. 1,572,459; Feb. 9.
Amplifier circuits. H. S. Read. 1,572,083; Feb. 9.
Animal trap. J. O'Neil. 1,572,358; Feb. 9.
Annealing iron articles. H. T. Grafton and C. W. Weesner. 1,572,600; Feb. 9.
Antiglare attachment. P. W. Padden. 1,571,963; Feb. 9.
Antiglare shield. H. S. Reinheimer. 1,572,038; Feb. 9.
Antiskid device. W. F. Staggers. 1,572,821; Feb. 9.
Arch support. W. M. Scholl. 1,572,162; Feb. 9.
Ash receptacle. W. C. Hislop. 1,572,480; Feb. 9.
Attractant for insects, particularly for the Japanese beetle. L. B. Smith, E. A. Richmond, and P. A. van der Meulen. 1,572,568; Feb. 9.
Auto parking device. E. L. Smith. 1,572,250; Feb. 9.
Auto parking system. J. L. Lynch. 1,572,664; Feb. 9.
Automobile body. G. P. Wiedman. Des. 69,420; Feb. 9.
Automobile engines, Oil-supply-indicating device for. A. C. Rioux. 1,572,310; Feb. 9.
Automobile fender and guard. E. A. Banschbach. 1,572,460; Feb. 9.
Automobile four-wheel drive. R. C. Rose. 1,572,561; Feb. 9.
Automobile hood fastener. W. F. Polson. 1,571,965; Feb. 9.
Automobile pedals, Neutral-position detector for. G. Cook. 1,572,186; Feb. 9.
Automobile radiator cap. S. Faith. Des. 69,385; Feb. 9.
Automobile tops, Joint-masking means for demountable. M. R. Hull. 1,572,290; Feb. 9.
Automobile wheel rim. W. Bowles. 1,572,101; Feb. 9.
Automobiles, Auxiliary charge-forming device for. I. Cowles. 1,572,381; Feb. 9.
Automobiles, Foot accelerator for. W. J. Winter and F. M. Holmes. 1,572,457; Feb. 9.
Automobiles, Heater for. P. R. Minahan. 1,572,747; Feb. 9.
Azodyestuffs containing zinc and process of and making same. F. Straub and H. Schneider. 1,572,573; Feb. 9.
Baby crawler. N. M. Elton. 1,572,273; Feb. 9.

Bacon hanger. L. W. Bermond. 1,572,178; Feb. 9.
Bacon-skewer block. P. A. Flinn. 1,572,198; Feb. 9.
Bag: *See*—
  Laundry bag.
Bag frame. W. T. Goldsmith. Des. 69,388–9; Feb. 9.
Ball: *See*—
  Golf practice ball.
Ball carrier. F. O. B. Dennys. 1,572,383; Feb. 9.
Balloon. J. F. Cooper. 1,572,187; Feb. 9.
Banana stalks, Device for feeding moisture to. L. D. Woods. 1,572,259; Feb. 9.
Bathing fixture, Combination. E. J. Ewing. 1,572,275; Feb. 9.
Bathing pool. W. Bintz. 1,572,463; Feb. 9.
Batteries, Gate for poultry-feeding. W. J. Stewart. 1,572,050; Feb. 9.
Battery-charging system. F. F. Starr. 1,572,251; Feb. 9.
Battery positive electrodes and making same, Composition for storage-. R. C. Benner. 1,572,512; Feb. 9.
Bead wire. S. Mollengarden. 1,572,749; Feb. 9.
Bearing. F. Stebler. 1,572,093; Feb. 9.
Bearing cap. E. Heitman and J. F. Trudeau. 1,572,287; Feb. 9.
Bearing, Roller. C. H. Hughes. 1,572,606; Feb. 9.
Bearing, Roller. J. Keller, sr. 1,572,725; Feb. 9.
Bearing, Roller. D. S. McPhail and J. E. Pastorius. 1,572,736; Feb. 9.
Bearing, Roller. H. Vanderbeek. 1,572,453; Feb. 9.
Beet topper. A. A. Matheson. 1,572,490; Feb. 9.
Beet-toppers' knives, Holder for. W. Hogan. 1,572,289; Feb. 9.
Belt and producing same, Leather. H. J. Shivell and K. W. Koeniger. 1,571,973; Feb. 9.
Belt members, Tensioning device for endless. G. A. Schettler. 1,571,972; Feb. 9.
Belts, Mounting for conveyer. G. Nelson. 1,572,555; Feb. 9.
Belts on pulleys, Device for placing. F. Andrews. 1,572,830; Feb. 9.
Beverage cooler and dispenser. W. McLaughlin. 1,572,242; Feb. 9.
Beverages, Preparation of aerated. O. A. Elias. 1,572,111; Feb. 9.
Binder, loose-leaf. W. D. Winders. 1,572,588; Feb. 9.
Bit: *See*—
  Core drill bit. Drill bit.
Blank feeder. L. E. La Bombard and M. H. Sidebotham. 1,572,438; Feb. 9.
Blank-feeding machines, Stop mechanism for. S. C. Grunlee. 1,572,007; Feb. 9.
Blasting cap, Electric. A. L. Oliver. 1,572,676; Feb. 9.
Block: *See*—
  Bacon-skewer block.
Block-molding machine. A. P. Nelson. 1,572,305; Feb. 9.
Block-signal system. F. Grünig. 1,572,137; Feb. 9.
Board: *See*—
  Divider board. Drawing board.
Board from bagasse and analogous fibers, Making. J. K Shaw. 1,572,565; Feb. 9.
Board joiner. C. J. Elschen. 1,572,780; Feb. 9.
Boat. F. N. Nelson. 1,572,074; Feb. 9.
Boiler and water heater, Vertical steam. H. E. Wallis. 1,572,373; Feb. 9.
Boiler furnace. E. T. Rist. 1,572,086; Feb. 9.
Bolt adapter for lubricating purposes. C. P. Murphy. 1,572,073; Feb. 9.
Bolt, Intake-connecting. C. Bjorklund. 1,572,464; Feb. 9.
Bolt lock. G. F. Colley. 1,572,770; Feb. 9.
Bomb. A. M. King. 1,572,435; Feb. 9.
Bomb casing. A. M. King. 1,572,436; Feb. 9.
Book stamp. M. G. Koehrman. 1,572,392; Feb. 9.
Book, Time. A. L. Willcox. 1,572,341; Feb. 9.
Booth, Waiting-station. B. D. Haeussler. Des. 69,392; Feb. 9.
Boots and shoes, Making. C. B. Spalsbury. 1,572,042; Feb. 9.
Bottle. C. A. Jones. Des. 69,397; Feb. 9.
Bottle. M. I. Katz. Des. 69,398; Feb. 9.
Bottle-capping device. E. M. Letts. 1,572,543; Feb. 9.
Bottle carrier. H. H. Newton. 1,572,243; Feb. 9.

Bottle support, Milk. W. J. Langstroth. 1,572,152; Feb. 9.
Box: *See*—
  Cardboard box. Millinery box.
  Collapsible box. Sound box.
  Folding box. Vanity box.
Box and wagon, Novelty. H. and E. Hildebrandt. 1,572,141; Feb. 9.
Box-making machine. W. V. Hart. 1,572,718; Feb. 9.
Bracelets, End connecter for. G. D. Harrison. 1,572,717; Feb. 9.
Bracket: *See*—
  Window-shade bracket.
Bracket. H. M. Kofsky. 1,572,295; Feb. 9.
Braiding machine. O. A. Frederickson. 1,572,712–3; Feb. 9.
Brake: *See*—
  Aeroplane brake. Vacuum brake.
  Load brake.
Brake. N. S. Lincoln. 1,572,862; Feb. 9.
Brake backing plate. J. L. Price. 1,572,680; Feb. 9.
Brake-lining rack. E. Warren. 1,572,340; Feb. 9.
Branding machine, Pressure. W. C. Krause. 1,572,494; Feb. 9.
Brine-tank support, Universal. C. C. Spreen. 1,572,851; Feb. 9.
Brush. A. Rapisardi. 1,572,362; Feb. 9.
Budding tool. J. R. Donnelly. 1,572,191; Feb. 9.
Building construction. R. St. L. Peverley. 1,572,078; Feb. 9.
Bumper. F. J. Laher. 1,572,118; Feb. 9.
Bumper and bracket therefor. C. P. Heide. 1,572,603; Feb. 9.
Bumper attaching and supporting means. W. E. Dunston. 1,572,594–5; Feb. 9.
Bumper attaching and supporting means. W. E. Dunston. 1,572,597; Feb. 9.
Bumper supporting means. W. E. Dunston. 1,572,596; Feb. 9.
Burner: *See*—
  Liquid-fuel burner. Water-heater burner.
  Oil burner.
Burner construction. G. Baker. 1,572,833; Feb. 9.
Butter, Making. B. Plisic. 1,572,123; Feb. 9.
Button attachment, Horn. A. U. Walter. 1,572,828; Feb. 9.
Button, Ornamental. A. I. Lewis. 1,572,803; Feb. 9.
Button, Separable cuff. B. F. Baker. 1,572,511; Feb. 9.
Cabinet for a sound-reproducing machine. M. Nystrom. Des. 69,406–8; Feb. 9.
Cabinet, Service. A. H. Woodward. 1,571,988; Feb. 9.
Calculating apparatus. P. E. Fagerholm. 1,572,520; Feb. 9.
Calculator. R. W. Mallder. 1,572,547; Feb. 9.
Camera handle and latch. F. W. Brehm and G. W. Adams. 1,572,267; Feb. 9.
Camera obscura. C. W. Frederick. 1,572,236; Feb. 9.
Cameras and process of making the same, Mask set for multiple exposures in moving-pictures. E. Scholl. 1,572,315; Feb. 9.
Cameras, Shutter for panoramic. W. A. Riddell. 1,572,246; Feb. 9.
Can machine. T. F. Casey. 1,572,514; Feb. 9.
Cans, Machine for turning and stacking the ends of. G. W. Mudd. 1,572,219; Feb. 9.
Candle lighter and snuffer. A. Schroeder. 1,572,316; Feb. 9.
Candy-cutting machine. P. B. Laskey. 1,572,071; Feb. 9.
Car-dumping apparatus. R. W. Kaltenbach. 1,572,654; Feb. 9.
Carburetor. C. L. Rayfield. 1,572,036–7; Feb. 9.
Card. W. M. Fryc. 1,571,937; Feb. 9.
Cardboard box. L. Binder. 1,572,125; Feb. 9.
Carrier: *See*—
  Ball carrier. Bottle carrier.
Case: *See*—
  Display case. Refrigerator case.
Cash register. E. J. Von Pein. 1,572,054; Feb. 9.
Casing head. N. P. Krebs. 1,572,394; Feb. 9.
Casing head. W. A. Trout and C. R. Butler. 1,572,052; Feb. 9.
Casings, Mold for making shrink-head. F. H. Chapin. 1,572,706; Feb. 9.
Casings, Molding shrink-head. F. H. Chapin. 1,572,705; Feb. 9.
Casting plate glass. F. E. Troutman and C. H. Christie. 1,572,581; Feb. 9.
Casting plate glass, Method and apparatus for. F. E. Troutman and C. H. Christie. 1,572,580; Feb. 9.
Cellulose-acetate film composition. S. J. Carroll. 1,572,232; Feb. 9.
Cement-bag cleaner. C. R. Mattern. 1,572,739; Feb. 9.
Cement-block machine. C. R. Harry. 1,572,602; Feb. 9.
Center support. J. Moreno. 1,572,072; Feb. 9.
Centrifugal separator. W. Birchall. 1,572,419–20; Feb. 9.
Centrifugal separator. W. C. Laughlin. 1,572,612; Feb. 9.
Centrifugal separator. F. W. McEntire. 1,572,299; Feb. 9.
Ceramic material and to a ceramic material made therefrom, Batch for making. F. M. and F. J. Locke. 1,572,730; Feb. 9.
Chair seat. E. T. Breen. 1,572,378; Feb. 9.
Chandelier or the like. F. Roettges. Des. 69,412; Feb. 9.
Chandelier or the like. G. E. Villaret. Des. 69,418; Feb. 9.
Chimes-striking mechanism. G. L. Smith. 1,572,167; Feb. 9.
Chlor-derivatives of methane, Producing. C. B. Carter and A. E. Coxe. 1,572,513; Feb. 9.
Churn. F. Northcutt. 1,572,306; Feb. 9.
Cigar-making machinery. H. L. Roby. 1,571,968; Feb. 9.
Cigarette machines, Cut-off knife for. E. Koerner. 1,572,393; Feb. 9.
Cinematographic views, Apparatus for taking. P. S. Gauriat. 1,572,648; Feb. 9.
Circuit-control means. G. A. Taylor. 1,462,169; Feb. 9.
Circuit coupler, Three-. W. B. Schoeppler. 1,572,688; Feb. 9.
Cleaner: *See*—
  Well sand cleaner.
Closure member. W. Schwemlein. 1,572,816; Feb. 9.
Clothesline holder. E. M. Ott. 1,572,755; Feb. 9.
Clothesline reel. B. Knatvold. 1,572,151; Feb. 9.
Clothes wringer. R. J. Anderson. 1,572,758; Feb. 9.
Clothes wringer. R. J. Anderson. 1,572,759; Feb. 9.
Clutch mechanism. P. Burke. 1,572,227; Feb. 9.
Clutch-operating means. P. Burke. 1,572,225; Feb. 9.
Clutch-operating mechanism. P. Burke. 1,572,226; Feb. 9.
Clutch pedal. J. S. Croxford. 1,572,774; Feb. 9.
Coal and method of testing, Container for testing. W. J. Klaiber. 1,572,391; Feb. 9.
Coat, Sportsman's hunting. W. E. Conover and B. D. Bush. 1,572,517; Feb. 9.
Coating machine. D. E. Harding. 1,572,205; Feb. 9.
Coffee urn. W. H. Petersen. 1,572,221; Feb. 9.
Collapsible box. A. Gordon. 1,572,788; Feb. 9.
Collapsible tube. W. C. Huntoon, jr. 1,572,208; Feb. 9.
Coloring mineral matter. H. C. Fisher. 1,572,425; Feb. 9.
Comb: *See*—
  Fountain comb.
Comb. B. M. Schweizer. 1,572,411; Feb. 9.
Comb frame, Sliding-bar top-. H. Tunstall. 1,571,979; Feb. 9.
Compasses, Azimuth reader for magnetic. C. G. Guy. 1,572,528; Feb. 9.
Composition of matter. A. Pacz. 1,572,503; Feb. 9.
Compressor or pump. Z. W. Wicks. 1,572,632; Feb. 9.
Concrete post, Reenforced. K. Müller. 1,572,669; Feb. 9.
Condenser. M. J. Lide. 1,572,660; Feb. 9.
Condenser. E. B. Nowosielski. 1,572,244; Feb. 9.
Condenser, Electrostatic. H. Perlesz. 1,572,504; Feb. 9.
Condenser parts against corrosion, Protecting. R. D. Mershon. 1,572,404; Feb. 9.
Container. O. A. Heppes. 1,572,140; Feb. 9.
Container pack. C. L. Lynch. 1,572,731; Feb. 9.
Containers, Closure for. S. Quisling. 1,572,808; Feb. 9.
Cooking apparatus. H. E. Smith. 1,462,168; Feb. 9.
Core drill bit, Rotary-. J. R. Chamberlin. 1,572,349; Feb. 9.
Corn-popping machine. S. S. Kingery. 1,572,437; Feb. 9.
Corset confiner. E. S. Coleman. 1,571,998; Feb. 9.
Counter guard. S. J. Smith. 1,572,091; Feb. 9.
Coupling: *See*—
  Hose coupling. Trailer coupling.
Coupling device. W. H. Grote. 1,572,355; Feb. 9.
Crucibles and the like, Refractory lining for. F. C. Frary. 1,572,475; Feb. 9.
Crusher: *See*—
  Harrow and float or clod crusher.
Cuff button. J. G. Nyberg. 1,572,619; Feb. 9.
Cup: *See*—
  Grease cup.
Curtain support. G. A. Efford and N. S. Erickson. 1,572,845; Feb. 9.
Curvature form, Adjustable. A. W. Sporer. 1,572,820; Feb. 9.
Cutter: *See*—
  Hair cutter. Ice-cream cutter.
Cylinder of an internal-combustion engine, Means for observing the working conditions of the. H. Chapman. 1,572,423; Feb. 9.
Cylinders, Attaching copper fins to cast-iron. C. P. Grimes. 1,572,428; Feb. 9.
Damper regulator, Lock for. J. Alsfasser. 1,571,990; Feb. 9.
Debarker. C. P. and A. Glee. 1,572,787; Feb. 9.
Dental attachment, Bucco-lingual. A. Gueft-Grinberg. 1,571,942; Feb. 9.
Dental floss reel. F. G. Dresser. 1,572,707; Feb. 9.
Detector circuit. J. Herman. 1,572,010; Feb. 9.
Detergent composition. W. Schneiderman. 1,572,814; Feb. 9.
Diazo compound, Solid stable. F. Günther and F. Lange. 1,572,715; Feb. 9.
Die holder. W. B. Bronander. 1,571,929; Feb. 9.
Die-rolled blank and method and apparatus for making the same. W. P. Witherow. 1,572,343; Feb. 9.
Direction indicator. E. N. Sarber. 1,572,314; Feb. 9.
Dish or similar article. W. D. Haviland. Des. 69,393; Feb. 9.
Disk transmission mechanism, Apron. F. B. Cockburn. 1,572,107; Feb. 9.

Dispensing device. H. and E. D. Betts. 1,572,837; Feb. 9.
Display cabinet. L. H. Nutter. 1,572,753; Feb. 9.
Display case. V. J. Grither, jr. 1,572,429; Feb. 9.
Display case. C. E. Wicke. 1,572,456; Feb. 9.
Display case, Illuminated. J. W. Hall. 1,572,793; Feb. 9.
Dissolving apparatus. H. D. Lathrop and W. H. Paulson. 1,572,023; Feb. 9.
Distillation, Destructive. F. C. Atkinson. 1,572,510; Feb. 9.
Divider board. R. Jones. 1,572,146; Feb. 9.
Documents, Machine for sorting. C. F. Ratcliff. 1,572,809; Feb. 9.
Doll's head. M. H. Slater. 1,572,321; Feb. 9.
Door. S. M. Casey. 1,572,184; Feb. 9.
Door. J. Dart. 1,572,641; Feb. 9.
Door handle. A. L. Race. 1,572,034; Feb. 9.
Door holder. R. R. Hage. 1,572,285; Feb. 9.
Door latch. M. H. Judge. 1,572,293; Feb. 9.
Door lock. C. Peters. 1,572,677; Feb. 9.
Door opening and closing device. F. Meyer. 1,572,218; Feb. 9.
Doors, Manually-operated mechanism for operating and securing swinging. A. F. Meronek. 1,572,302; Feb. 9.
Double lock. F. Hernandez y Perez. 1,572,077; Feb. 9.
Douche table. H. F. Wagley. 1,572,096; Feb. 9.
Dough-molding machine. J. E. Pointon. 1,572,080; Feb. 9.
Drawing benches, Apparatus to control the number of turns of the drawing shaft in. L. and P. Bréguet. 1,572,761; Feb. 9.
Drawing board. J. O. Adsit. 1,572,346; Feb. 9.
Drawing frames, Clearer for. P. A. Hood. 1,572,014; Feb. 9.
Dredge. H. E. Doren. 1,572,472; Feb. 9.
Dress and suit folder. B. Cahn. 1,572,703; Feb. 9.
Driers, Carrying frame for leather. E. B. Ayres. 1,572,831; Feb. 9.
Drill: *See*—
Mine drill.
Drill bit, Collapsible. W. L. Church. 1,571,931; Feb. 9.
Drill bit, Rotary. L. G. Gates. 1,572,386; Feb. 9.
Drill-hole casing, Method and apparatus for pressure-testing. J. S. Mitchell. 1,572,748; Feb. 9.
Drill-pulling jack. E. F. and C. O. Spencer. 1,572,048; Feb. 9.
Drill-sharpening mechanism. F. M. Lee. 1,572,729; Feb. 9.
Drilling machines, Rotary table for. R. M. Galloway and A. G. Sudhoff. 1,572,476; Feb. 9.
Drills, Chuck assembly for rock. H. V. Haight. 1,572,529; Feb. 9.
Drip-pan alarm, Automatic. B. Weiss. 1,572,057; Feb. 9.
Drive mechanism. F. E. Smith. 1,572,818; Feb. 9.
Drying apparatus. F. A. Secord. 1,572,849; Feb. 9.
Drying frames, Locking device for. E. B. Ayres, and A. O. Hurxthal. 1,572,832; Feb. 9.
Drying machine. E. J. Carroll. 1,572,183; Feb. 9.
Duplicating machine. I. Scheinker. 1,571,971; Feb. 9.
Dyestuffs and making same. W. P. Bates. 1,572,417; Feb. 9.
Egg beater. J. E. Chattin. 1,572,764; Feb. 9.
Electric fire. H. H. Berry. 1,572,836; Feb. 9.
Electric furnace. M. H. Bennett. 1,572,634; Feb. 9.
Electric grounding plug. C. D. Platt. 1,572,079; Feb. 9.
Electric-lamp-supporting structure. M. Herskovitz. 1,572,532; Feb. 9.
Electric-lighting fixture. P. Kestell. 1,572,728; Feb. 9.
Electric motors, Starter for. C. Ley. 1,572,804; Feb. 9.
Electric switch. O. H. Van Amburg and L. A. Kempton. 1,572,695; Feb. 9.
Electric-switch terminal. H. E. Leppert. 1,572,211; Feb. 9.
Electrical apparatus. M. R. Richard. 1,572,039; Feb. 9.
Electrical means for indicating at a distance the motion of an apparatus. J. C. Needham. 1,571,960; Feb. 9.
Electrode with locked screw-thread joint, Sectional. A. T. Hinckley. 1,572,534; Feb. 9.
Electrodes and making the same, Composition for storage-battery. H. G. Weir. 1,572,586; Feb. 9.
Electrolytic apparatus and operating same. R. D. Mershon. 1,572,403; Feb. 9.
Electrolytic cells, Starting. D. H. Tilson. 1,572,253; Feb. 9.
Electromagnetic compressor. E. Bothner. 1,572,126; Feb. 9.
Electromagnetically-controlled device. J. Eaton. 1,572,708; Feb. 9.
Electron-discharge device. W. G. Houskeeper. 1,571,948; Feb. 9.
Electron-discharge device. M. J. Kelly. 1,572,726; Feb. 9.
Elevator: *See*—
Sucker-rod elevator.
Elevator. N. O. Lindstrom and C. F. E. Olofson. 1,572,400; Feb. 9.
Elevator of the rigid-yoke type. R. E. Mohnkern. 1,572,616; Feb. 9.
Emblematic gate, Souvenir. I. S. Grundlock. Des. 69,391; Feb. 9.
Enamel remover, Baked-. G. W. Blair. 1,572,839; Feb. 9.
Engine: *See*—
Gasoline engine. Rotary engine.
Internal-combustion engine.
Engine. E. H. Fabruey. 1,572,709; Feb. 9.
Engine. T. M. Finley and A. W. Brown. 1,572,523; Feb. 9.
Engine. E. G. Gould. 1,572,068; Feb. 9.
Engine. V. W. Moray. 1,572,500; Feb. 9.
Engine crank shaft. J. Newmann. 1,572,672; Feb. 9.
Engines, Air heater for internal-combustion. F. W. Young. 1,572,416; Feb. 9.
Engines, Automatic device with limited feed for the supply of internal-combustion. A. Marchant, jr. 1,572,737; Feb. 9.
Engines, Charge-delivering device for explosive. H. F. Shepherd. 1,462,164; Feb. 9.
Engines, Controlling device for two-cycle explosive. J. Johnson. 1,572,292; Feb. 9.
Engines, Fuel for internal-combustion. B. H. Morgan. 1,572,750; Feb. 9.
Engines, Gas saver for internal-combustion. H. Allec. 1,572,701; Feb. 9.
Engines, Steam generator for internal-combustion. L. L. Luce. 1,572,614; Feb. 9.
Engines, Steam injector for internal-combustion. H. G. Fletcher. 1,572,278; Feb. 9.
Envelope-making machines and the like, Shearing device for. J. Duvall. 1,572,110; Feb. 9.
Evening and grading machines, Stamping mechanism for. W. T. B. Roberts and F. Ricks. 1,571,967; Feb. 9.
Excavators, Fairlead for dragline. P. Burke. 1,572,228; Feb. 9.
Exerciser. B. G. Fry. 1,572,281; Feb. 9.
Exerciser. C. D. Layman. 1,572,802; Feb. 9.
Exhibition device. A. E. Oswald. 1,572,501; Feb. 9.
Expansion joint. A. C. Fischer. 1,572,474; Feb. 9.
Extension table. A. H. Stone. 1,572,571; Feb. 9.
Eyeleting machine, Duplex. G. W. Jacques. 1,571,951; Feb. 9.
Fabric-measuring device. J. H. McDermott. 1,572,734; Feb. 9.
Fastener-setting machine. G. W. Jacques. 1,571,952; Feb. 9.
Faucets, Attachment for sink. O. W. Vallier. 1,572,412; Feb. 9.
Feed mechanism. E. G. Gartin. 1,572,647; Feb. 9.
Feed-regulating mechanism, Automatic. P. J. Gagnon, jr. 1,571,940; Feb. 9.
Feeder. W. Hilditch. 1,572,206; Feb. 9.
Felt shrinking. F. F. Chudoba. 1,572,424; Feb. 9.
Fencepost. H. A. Morehouse. 1,572,668; Feb. 9.
Fertilizer. H. Sanderson. 1,571,970; Feb. 9.
Fibers for pulp-making purposes, Preparing and preserving. E. C. Lathrop and T. B. Munroe. 1,572,539; Feb. 9.
Fibers for pulp-making purposes, Preserving. E. C. Lathrop and T. B. Munroe. 1,572,540; Feb. 9.
Fibrous materials, Cleaning. G. A. Lowry. 1,572,662; Feb. 9.
Fibrous materials, Cleaning and preparing. G. A. Lowry. 1,572,663; Feb. 9.
File gauge. W. Hilton. 1,572,013; Feb. 9.
Filing-cabinet drawer. P. A. Wetzel. 1,462,172; Feb. 9.
Filing device. D. W. Low. 1,572,239; Feb. 9.
Filling machine. K. Kiefer. 1,572,149–50; Feb. 9.
Film holder. J. T. Wachter. 1,572,337; Feb. 9.
Film-printing machines, Light-control attachment for. R. C. Hubbard and A. E. Mutscher. 1,572,798; Feb. 9.
Filtering apparatus. F. B. Leopold. 1,572,398; Feb. 9.
Filtering apparatus. W. Paterson. 1,572,076; Feb. 9.
Fireplace, Wood-burning. J. R. Fisk. 1,572,711; Feb. 9.
Firearm. C. G. Swebilius. 1,571,975; Feb. 9.
Fishing reel. S. J. Budd. 1,572,104; Feb. 9.
Fishing reel. L. A. Page. 1,572,032; Feb. 9.
Fishing tool. R. A. Magor and W. Stone. 1,572,615; Feb. 9.
Fixture stand. E. C. Wolff. 1,572,344; Feb. 9.
Fixture support and loom fastener, Combined. E. W. Moon. 1,571,957; Feb. 9.
Flier. H. G. Carlson. 1,572,379; Feb. 9.
Flour sifter. F. M. Forgeson. 1,572,112; Feb. 9.
Flow controller, Automatic. D. A. Fleming. 1,572,784; Feb. 9.
Flowerpot and hanging basket, Convertible. R. E. Mattison. 1,572,548; Feb. 9.
Fluid, Apparatus for delivering measured charges of. H. F. Shepherd. 1,462,163; Feb. 9.
Fluid power transmitter. E. B. Lambert. 1,571,954; Feb. 9.
Fly poisoner. F. Wiggins. 1,572,098; Feb. 9.
Flying machine. E. A. Parker and C. W. Massingham. 1,572,120; Feb. 9.
Foldable table. E. P. Grignon. 1,572,282; Feb. 9.
Folding box, Collapsible. E. K. Morris. 1,572,406; Feb. 9.
Food compound. H. Heuser. 1,572,533; Feb. 9.
Food product. H. M. Helmerdinger. 1,571,945; Feb. 9.
Fountain comb. J. E. Cunningham. 1,571,933; Feb. 9.
Frame: *See*—
Nailing frame. Saw frame.
Plow frame. Wearing frame.
Friction material. O. D. Gray. 1,572,601; Feb. 9.
Fruit preserver. W. Donn. 1,572,190; Feb. 9.

Fruits and vegetables, Preservation of fresh. H. R. Fulton and J. J. Bowman. 1,571,938; Feb. 9.
Fuel briquettes, Making. P. E. Welton. 1,572,629; Feb. 9.
Fuels, Apparatus for carbonizing bituminous. A. Besta. 1,571,927; Feb. 9.
Furnace: *See*—
Boiler furnace. Reheating furnace.
Electric furnace. Rotary furnace.
Furnaces, Automatic draft regulator for. L. P. Fessenden and H. R. Ellis. 1,572,277; Feb. 9.
Furniture, Article of. A. W. Allemeier. 1,572,375; Feb. 9.
Game. F. Kline. 1,572,069; Feb. 9.
Game. J. R. Tornes. 1,572,254; Feb. 9.
Game apparatus. P. J. McGrath. 1,572,401; Feb. 9.
Game trap. S. Dufrene. 1,572,384; Feb. 9.
Garage. H. S. Grigsby. 1,572,790; Feb. 9.
Garments, Drop seat for. J. B. C. Adam. 1,572,099; Feb. 9.
Gas, Apparatus for purifying. H. T. Grafton, C. W. Weesner, and F. J. Hoffman. 1,572,599; Feb. 9.
Gas calorimeter. R. G. Griswold. 1,572,283; Feb. 9.
Gas producer. J. F. Rogers. 1,572,040–1; Feb. 9.
Gasoline, Apparatus for the production. F. Tinker. 1,572,626; Feb. 9.
Gasoline engine. W. I. Twombly. 1,571,980; Feb. 9.
Gasoline gauge. A. P. Price. 1,572,807; Feb. 9.
Gates, Automatically-operated safety. W. T. McDuffee. 1,572,665; Feb. 9.
Gauge: *See*—
File gauge. Wire gauge.
Gasoline gauge.
Gear between rotary shafts, Variable power-transmission. E. J. Petersson. 1,572,360; Feb. 9.
Gear-shift control. H. T. White. 1,572,829; Feb. 9.
Gear-shift levers and the like, Lock for. J. H. Shaw. 1,572,320; Feb. 9.
Generator: *See*—
High-pressure generator. Power generator.
Glass. W. C. Taylor. 1,572,625; Feb. 9.
Glass, Apparatus for making sheet. R. L. Clause. 1,572,468; Feb. 9.
Glass goblet or similar article. W. C. McCartney. Des. 69,404—5; Feb. 9.
Glass plates, Machine for grinding. K. A. Weber. 1,571,985; Feb. 9.
Glass-rim stretcher. F. De Nome. 1,572,776; Feb. 9.
Glass tanks, Gate for. H. K. Hitchcock. 1,572,481; Feb. 9.
Glass-working machines, Multiple-mold shear device for. G. E. Howard. 1,572,143; Feb. 9.
Goblet or similar article. G. S. Bryce. Des. 69,382; Feb. 9.
Golf-ball tee. E. J. Byrne. 1,572,105; Feb. 9.
Golf practice ball. W. J. Goldsworthy. 1,572,527; Feb. 9.
Governor, Fluid-pressure. H. R. Trotter and H. F. Schmidt. 1,571,977; Feb. 9.
Governor, Speed control. C. C. Farmer. 1,572,195; Feb. 9.
Grate. W. A. Owen. 1,572,308; Feb. 9.
Grease cup. M. F. Cox. 1,572,772; Feb. 9.
Grease cup. J. L. and F. L. Williams. 1,572,415; Feb. 9.
Grease-dispensing device. A. H. Brunner. 1,572,762; Feb. 9.
Grinder and pulverizer. H. J. Shelton. 1,572,692; Feb. 9.
Grinding machine. W. F. Fraser. Re16,260; Feb. 9.
Grinding machine. A. E. Jacobson. 1,572,722; Feb. 9.
Grinding wheels, Roughening. M. S. Clawson. 1,572,515; Feb. 9.
Gummed tape, Device for dispensing and moistening. P. W. Black. 1,572,063; Feb. 9.
Gun for shooting elastic bands, Repeating. F. C. Ecker. 1,572,350; Feb. 9.
Gun sight. D. W. King. 1,572,294; Feb. 9.
Gutter hanger. C. Meunier. 1,572,745; Feb. 9.
Hair curler. J. R. Lewis. 1,572,399; Feb. 9.
Hair curler, Electric. J. J. Mersom. 1,572,551; Feb. 9.
Hair cutter. W. W. Farnsworth. 1,572,644; Feb. 9.
Hair-cutting comb and razor guard. O. H. McConoughey. 1,572,154; Feb. 9.
Hair-straightening iron. T. C. Russell. 1,572,161; Feb. 9.
Hair waver. W. A. Meyers. 1,572,027; Feb. 9.
Hammer, Fluid-pressure. J. A. Jackson. 1,572,019; Feb. 9.
Handcuff. A. D. Abbenzeller. 1,572,262; Feb. 9.
Handle: *See*—
Door handle. Switch handle.
Handle. F. W. Griffin. 1,572,006; Feb. 9.
Hanger: *See*—
Adjustable pipe hanger. Gutter hanger.
Bacon hanger.
Harrow. H. J. Dorman. 1,572,777; Feb. 9.
Harrow and float or clod crusher, Combined. P. W. Simons, J. H. Purnell, and H. L. Carr. 1,571,974; Feb. 9.
Harrows, Weeding attachment for. J. A. Gaskill. 1,572,004; Feb. 9.
Harvester, Berry. H. B. Maglathlin. 1,572,025; Feb. 9.
Harvester, Cane. J. A. Paine. 1,572,410; Feb. 9.
Headlight, Dirigible. R. E. Kaiser. 1,572,799; Feb. 9.
Heat-exchange device. H. L. Allan. 1,572,374; Feb. 9.
Heat treatment by means of a bath of molten metal, Apparatus for. A. M. Duckham. 1,572,779; Feb. 9.
Heater: *See*—
Manifold heater. Water heater.
Heating device. M. R. Max. 1,572,300; Feb. 9.
Heating system. J. M. Dougherty. 1,572,844; Feb. 9.
Heating system with differential loops, Vapor-. G. D. Hoffman. 1,572,482; Feb. 9.
Heating systems, Automatic regulating device for. H. Schmeiz. 1,572,687; Feb. 9.
Heating unit. F. Kuhn and J. A. Hand. 1,572,395; Feb. 9.
Helical bevel teeth, Apparatus for cutting. H. H. Talbot. 1,572,624; Feb. 9.
Hide-carrying horse and truck. W. C. Wright and D. E. Harding. 1,572,260; Feb. 9.
Hobby-horse, Swinging. H. E. Hodgson. 1,571,947; Feb. 9.
Hoist, Chain. J. Dotzert. 1,572,001; Feb. 9.
Hoist control, Clutch mechanism for. A. E. Peters. 1,572,557; Feb. 9.
Hoisting apparatus. E. D. Hooker. 1,572,015; Feb. 9.
Holder for soiled or clean handkerchiefs, Novelty. E. P. Goldsmith. Des. 69,387; Feb. 9.
Hollow dibble. H. Hansen. 1,572,431; Feb. 9.
Hook: *See*—
Well-casing hook.
Hook. J. Beck. 1,572,347; Feb. 9.
Hose coupling. P. L. Farmer. 1,572,781; Feb. 9.
Hosiery protector. J. Sarar. 1,572,313; Feb. 9.
Humidifier control. J. W. Jackson. 1,572,432; Feb. 9.
Hydrant, Fire. A. B. Parker. 1,572,033; Feb. 9.
Hydraulic ram. S. E. Stephenson. 1,572,822; Feb. 9.
Hydraulic reduction drive. J. F. Jaworowski. 1,572,020; Feb. 9.
Hydrocarbons and the like, Apparatus for transforming and distilling. A. A. F. M. Seigle. 1,572,691; Feb. 9.
Hydrocarbons, Constructive conversion of. H. R. Berry. 1,571,994; Feb. 9.
Ice-cream cutter. H. Reichel and W. L. Nies. 1,572,363; Feb. 9.
Igniters, Driving means for electrical. H. W. Uhl. 1,572,255; Feb. 9.
Ignition-circuit switch. R. H. Parker. 1,572,446; Feb. 9.
Illuminating fixture. C. Schmitt. Des. 69,416; Feb. 9.
Impression-making tool. A. J. Seiler. 1,572,046; Feb. 9.
Index device, Card-. J. H. Rand, jr. 1,572,035; Feb. 9.
Indicator: *See*—
Direction indicator.
Indicators, Circuit closer for direction. H. Junghans and F. Glogauer. 1,572,147; Feb. 9.
Insulator. L. S. Brach. Des. 69,381; Feb. 9.
Interlacing machine. G. W. Mudd. 1,572,220; Feb. 9.
Internal-combustion engine. P. A. Lawrence. 1,572,397; Feb. 9.
Internal-combustion engine. M. Rotter. 1,572,365; Feb. 9.
Internal-combustion engine. F. Schmidt. 1,572,508; Feb. 9.
Interrupter. P. A. Newman. 1,572,673; Feb. 9.
Iron: *See*—
Electric iron. Soldering iron.
Hair-straightening iron.
Iron and steel, Rustproofing bath for. J. H. Gravell. 1,572,354; Feb. 9.
Iron, Automatically-operator electric. C. E. Macy. 1,572,441; Feb. 9.
Ironing machines, Driving mechanism for. A. W. Altorfer. 1,572,633; Feb. 9.
Irrigating and frost-protecting system, Combined. C. C. Ruprecht. 1,571,969; Feb. 9.
Jack: *See*—
Drill-pulling jack. Tree jack.
Rail jack. Window jack.
Track-aligning jack.
Joint: *See*—
Expansion joint.
Joint completing or grooving tool. C. H. Hood. 1,572,142; Feb. 9.
Joint strip, Expansion-. E. J. Yetter. 1,572,261; Feb. 9.
Journal-box bearing. H. Parker. 1,572,121; Feb. 9.
Junction boxes, Bracket holder for. W. Lacks and M. S. Newman. 1,572,610; Feb. 9.
Keys on tubes, Forming internal. W. H. Millspaugh. 1,572,303; Feb. 9.
Kiln, Continuous. H. R. Straight. 1,572,327; Feb. 9.
Kiln, Drier. H. R. Straight. 1,572,326; Feb. 9.
Kiln, Lime. H. Miscampbell. 1,572,156; Feb. 9.
Knife, Coal-cutting. W. T. Hanna. 1,572,430; Feb. 9.
Knitted hosiery. H. S. Regar. 1,572,084; Feb. 9.
Knotter device. B. E. Byrd. 1,572,181–2; Feb. 9.
Lacquers, Application of cellulose-ester. R. A. Beausejour. 1,572,461; Feb. 9.
Lamp. G. Veetmeier. Des. 69,417; Feb. 9.
Lamp, Automobile signal. O. C. Ritz Wollier. Des. 69,411; Feb. 9.
Lamp bracket and smoking set, Combined bridge-. R. Zug. Des. 69,422; Feb. 9.
Lamp, Incandescent. R. E. Myers. 1,572,670; Feb. 9.
Lamp for advertising purposes, Electric incandescent. O. Fehler. 1,572,521; Feb. 9.
Lamp, Offset filament. C. F. Jenkins. 1,572,607; Feb. 9.

Lamp, Road-surface signal. L. B. McEwing and G. S. Clayton. 1,572,214; Feb. 9.
Lamp, Vehicle. N. MacInnes. 1,572,024; Feb. 9.
Lamps, Screen for automobile. S. S. Staley. 1,572,623; Feb. 9.
Lamps, Sealing-in machine for tipless. J. B. Whitmore and J. E. Ferguson. 1,572,631; Feb. 9.
Latch, Grain-door. D. R. Cameron. 1,572,590; Feb. 9.
Lathe tools and the like, Apparatus for presetting. E. F. Heard and M. W. Fitzbugh. 1,571,944; Feb. 9.
Laundry bag. W. C. Howe. 1,572,605; Feb. 9.
Lawn-mower attachment. A. Laver. 1,572,297; Feb. 9.
Lead and silver from sulphide ores and metallurgical products, Recovery of. H. Hey. 1,572,388; Feb. 9.
Light and license-plate holder, Combined. O. C. Ritz Woller. Des. 69,410; Feb. 9.
Light projector. J. G. Balsillie. 1,572,853; Feb. 9.
Lighting-fixture canopy. H. A. Safion. Des. 69,414; Feb. 9.
Lighting-fixture plate. H. A. Safion. Des. 69,415; Feb. 9.
Lighting-outfit festoons, Making. L. Haft. 1,572,650; Feb. 9.
Limbs, Mechanical ankle-movement device for artificial. A. D. Scully. 1,572,319; Feb. 9.
Limbs, Mechanical thigh-corset-locking device for artificial. A. D. Scully. 1,572,318; Feb. 9.
Link mesh, Machine for making. H. W. Smith. 1,572,693; Feb. 9.
Links or similar articles, Machine for making. J. H. Appleton. 1,572,175; Feb. 9.
Lip-stick holder. R. E. Power. Des. 69,409; Feb. 9.
Liquid by leakage from a valve, Device for preventing loss of. M. E. Pordon. 1,572,678; Feb. 9.
Liquid dispenser. L. E. Waite. 1,572,338; Feb. 9.
Liquid fuel, Apparatus for burning. J. W. Cannon. 1,572,591; Feb. 9.
Liquid-fuel burner. W. H. Overton. 1,571,962; Feb. 9.
Liquid-fuel burner. J. B. Bird. 1,572,838; Feb. 9.
Liquid-fuel container. A. N. Kerr. 1,572,727; Feb. 9.
Liquids, Apparatus for applying. F. M. Furber. 1,571,939; Feb. 9.
Liquors, Purification of crude ammoniacal. A. Weindel. 1,571,986; Feb. 9.
Load brake, Variable-. C. C. Farmer. 1,572,196; Feb. 9.
Lock. J. R. Dumont. 1,572,109; Feb. 9.
Lock mechanism. H. N. Sledge. 1,572,449; Feb. 9.
Locomotive boilers, Method and apparatus for washing. W. J. Bohan. 1,571,928; Feb. 9.
Locomotives, Antislipping starting device for steam. H. H. Westinghouse. 1,462,171; Feb. 9.
Locomotives, Condenser plant for. B. Ljungström, E. O. Eriksson, and F. Ljungström. 1,572,153; Feb. 9.
Loose-leaf binder. H. C. Miller. 1,572,553; Feb. 9.
Lubricating apparatus and for like purposes, Coupling or connecting device for. C. E. Milner. 1,572,554; Feb. 9.
Lubricating device. B. P. Joyce. 1,572,537; Feb. 9.
Luggage carrier and bumper, Combined. R. G. Schultz and O. L. Hendren. 1,572,815; Feb. 9.
Lumber, Manufacturing veneered. B. C. Rockwell. 1,572,247; Feb. 9.
Magnetos and batteries, Machine for recharging. J. J. Rarick. 1,572,560; Feb. 9.
Manifold heater. F. G. Siegfried. 1,572,621; Feb. 9.
Map holder and magnifier. R. A. Myers. 1,572,671; Feb. 9.
Marking device. F. Ahlburg. 1,572,062; Feb. 9.
Massage apparatus. C. L. Hamilton. 1,572,794; Feb. 9.
Match-making machine. T. A. Nevins. 1,571,961; Feb. 9.
Mattress support for foldable beds and the like. C. D. McDonald. 1,572,241; Feb. 9.
Measuring device, Skirt-. M. J. Beamer. 1,572,835; Feb. 9.
Medicinal and anæsthetic package. A. E. Smith. 1,572,323–4; Feb. 9.
Medicinal and anæsthetic solutions, Preparing. A. E. Smith. 1,572,322; Feb. 9.
Memorandum pad. L. L. Henry. Des. 69,395; Feb. 9.
Metallurgical process. W. E. Greenawalt. 1,572,114–5; Feb. 9.
Method and centrifugal separator for separating solids from liquids. W. C. Laughlin. 1,572,611; Feb. 9.
Millinery box, Collapsible. J. Kramer and A. H. Israel. 1,572,296; Feb. 9.
Mine drill. R. E. Booker. 1,572,067; Feb. 9.
Mining machine. R. E. Booker. 1,572,066; Feb. 9.
Mining machine. R. Peale. 1,572,556; Feb. 9.
Mixing machine. J. J. Babka. 1,571,926; Feb. 9.
Molding machines, Sanding apparatus for. C. L. Norton. 1,572,674; Feb. 9.
Molten metal, Method of and mold and appliance for the continuous transfer of. F. B. McKune. 1,572,865; Feb. 9.
Mop-cleaning device. W. Braunsdorf. 1,572,402; Feb. 9.
Motor-control system. W. C. Raube. 1,572,682; Feb. 9.
Motor-vehicle signal. H. C. Hachmuth. 1,572,138; Feb. 9.
Muffler. F. J. Herdle. 1,572,116; Feb. 9.
Muscular development, Testing. F. S. Engel. 1,572,193; Feb. 9.
Musical instrument. F. C. Bender. 1,572,418; Feb. 9.
Musical instrument, Automatic. H. Bockisch. 1,572,857; Feb. 9.
Nailing frame. E. M. Rose. 1,572,364; Feb. 9.
Nonskidding device for vehicles. H. J. Schulte. 1,572,689; Feb. 9.
Object-dispensing machine. M. T. Ash. 1,572,263; Feb. 9.
Oil burner. C. A. Diehl. 1,572,470; Feb. 9.
Oil burner. R. Dougherty. 1,572,778; Feb. 9.
Oil burner. F. S. Egloff. 1,572,598; Feb. 9.
Oil burner. W. H. von Hagel. 1,572,697; Feb. 9.
Oil burner, Hydrocarbon-. H. W. Jaeger. 1,572,653; Feb. 9.
Oil cloth fixture. W. B. Morton. 1,572,304; Feb. 9.
Oil, Method and apparatus for distilling. J. M. Wadsworth. 1,572,584; Feb. 9.
Oiling device. W. A. Rarig. 1,572,681; Feb. 9.
Oils, Manufacturing lubricating. J. C. Black and J. W. Weir. 1,572,465; Feb. 9.
Optical device. R. R. Arnau. 1,572,760; Feb. 9.
Optical instrument. W. Taylor. 1,572,575; Feb. 9.
Ore-treating furnace, Continuous. W. P. Jobson. 1,572,291; Feb. 9.
Ores, Treating mixed lead-zinc sulphide. N. C. Christensen. 1,572,268; Feb. 9.
Ornamentation, Method of. J. J. Carow. 1,572,348; Feb. 9.
Oven. K. B. Fiske. 1,572,783; Feb. 9.
Oxids from ferrous metal, Removal of. R. Porter and J. C. Whetzel. 1,572,848; Feb. 9.
Packaging machine. J. Van Buren. 1,572,257; Feb. 9.
Paddle stitcher. C. Meilinger. 1,572,216; Feb. 9.
Padlock. J. Pietrie. 1,572,122; Feb. 9.
Paintbrush, Pneumatic. F. W. Schneider. 1,572,509; Feb. 9.
Paper-bag machine. H. G. Weber. 1,571,983; Feb. 9.
Paper-bag machine. H. G. Weber. 1,571,984; Feb. 9.
Paper, Composition of ingredients and process for deinking. G. Hammond. 1,572,479; Feb. 9.
Paper cutter. C. H. Blaisdell. Des. 69,380; Feb. 9.
Paper-cutting machine. J. E. Mulroney. 1,572,617; Feb. 9.
Paper fastener. J. A. Elias. 1,572,192; Feb. 9.
Paper feed. C. E. Carpenter. 1,572,704; Feb. 9.
Paper-machine driers, Process and apparatus for removing water and air from. V. D. Simons. 1,572,448; Feb. 9.
Paper, Machine for interfolding. G. A. Shaffer and F. H. Wirtz. 1,572,817; Feb. 9.
Paper-making machine. G. F. McClay and H. V. Haight. 1,572,498; Feb. 9.
Paper-making machines, Suction box for. J. G. Jones. 1,572,238; Feb. 9.
Paper, Making transparent. C. E. Swett. 1,571,976; Feb. 9.
Paper, Reclaiming used. G. Hammond. 1,572,478; Feb. 9.
Paper, Safety. H. W. Hetherington. Des. 69,396; Feb. 9.
Paper-seasoning machine. H. E. Ewalt. 1,572,352; Feb. 9.
Paper-supporting carriage and guiding means. W. W. Lasker. 1,571,955; Feb. 9.
Parchment motto and greeting card and making the same. G. E. Buzza. 1,572,180; Feb. 9.
Pasteurizer for cream, milk, or other liquids or semi-liquids. J. O'Connell and H. H. Kerr. 1,572,031; Feb. 9.
Paving block and the like. E. Clark and D. T. Gilmartin, jr. 1,572,854; Feb. 9.
Paving machine, Brick or block. M. E. Crowell. 1,572,188; Feb. 9.
Pea-shelling machine. C. Sabell. 1,572,867; Feb. 9.
Pedal tread, Extension. D. Sinclair. 1,572,369; Feb. 9.
Pencil, Magazine-fed. A. Fleming. 1,572,133; Feb. 9.
Penstock structure. H. L. Doolittle. 1,572,471; Feb. 9.
Percolator, Rotary. E. Larrey. 1,572,861; Feb. 9.
Perforating-machine attachment. C. D. Highland. 1,572,720; Feb. 9.
Perforating machine, Lanston monotype. W. J. Gribbin. 1,572,136; Feb. 9.
Perfume container. C. L. Marcus. Des. 69,403; Feb. 9.
Pharmaceutical product. J. Callsen. 1,572,768; Feb. 9.
Phonograph records, Cabinet for. C. A. Vastola. 1,572,454; Feb. 9.
Phonograph reproducers, Guard for. C. E. Semple, jr. 1,572,088; Feb. 9.
Phosphates, Manufacture of alkali-metal. C. M. Hoff. 1,572,846; Feb. 9.
Photographic-printing device. A. Wirthwein. 1,572,699; Feb. 9.
Photographic-printing machines, Resilient-type-disk numbering stamp for. B. D. Chamberlin. 1,572,233; Feb. 9.
Photographic shutter. A. Wollensak. 1,572,345; Feb. 9.
Photometer. H. Lux. 1,572,544; Feb. 9.
Piano, Supertransposing. E. W. Bachmeyer. 1,572,841; Feb. 9.
Pickling. H. S. Marsh and R. S. Cochran. 1,572,155; Feb. 9.
Picture apparatus, Motion-. J. Tessler. 1,572,252; Feb. 9.
Picture machine, Motion-. F. H. Owens. 1,572,863; Feb. 9.

Piezo-electric-crystal apparatus. A. Crossley. 1,572,773; Feb. 9.
Pigs and like animals, Device for holding. W. D. Nottingham. 1,572,307; Feb. 9.
Pipe elbows, Machine for making. L. H. Purnell. 1,572,559; Feb. 9.
Pipe filters, Making. C. E. Wiltsey. 1,572,342; Feb. 9.
Pipe hoist. L. O. Hanson. 1,572,286; Feb. 9.
Pipe-wrapping machine. C. F. Wieland and E. Jansen. 1,572,258; Feb. 9.
Piston. W. E. Smith. 1,572,325; Feb. 9.
Piston and ring construction. H. E. Muchnic. 1,572,443; Feb. 9.
Piston ring. F. W. Seelert. 1,572,690; Feb. 9.
Piston-ring compressor. C. R. Gillis. 1,572,135; Feb. 9.
Piston-ring compressor. P. C. Kearney. 1,572,801; Feb. 9.
Pitting or coring fruit, Apparatus for. A. L. Duncan. Re16,259; Feb. 9.
Planimeter. L. Larrazabal y Fernandez. 1,572,132; Feb. 9.
Plastic and producing same. O. Frosell. 1,572,714; Feb. 9.
Plastic-ware-making machine, Portable. C. R. Nichols. 1,572,445; Feb. 9.
Plate or similar article. W. D. Haviland. Des. 69,394; Feb. 9.
Plow frame, Convertible. F. W. Boman. 1,571,995; Feb. 9.
Plug, Attachment. S. McClatchie. 1,572,119; Feb. 9.
Polish, Furniture. J. Johansen. 1,572,021; Feb. 9.
Post: *See*—
Concrete post.
Powder holder. E. Schuelke and J. Ross. 1,572,562; Feb. 9.
Power baling machine. J. Hansen. 1,572,716; Feb. 9.
Power farming apparatus. H. A. Bechtelheimer. 1,572,462; Feb. 9.
Power-generating mechanism. J. F. Thomas. 1,572,577–8; Feb. 9.
Power generator, Pneumatic. S. S. Cramer. 1,572,269; Feb. 9.
Power-operated door. F. O. DeCarle. 1,572,108; Feb. 9.
Power press. J. E. Johnson and H. W. Spellman. 1,572,724; Feb. 9.
Power system. P. Burke. 1,572,229; Feb. 9.
Power-transmission mechanism. A. Bartlemay. 1,572,264; Feb. 9.
Press: *See*—
Power press.
Press. J. J. Chamberlain. 1,572,843; Feb. 9.
Printer's quoin. A. E. Unrub. 1,572,825; Feb. 9.
Printing machine, Rotating. L. Schwarz. 1,572,044; Feb. 9.
Printing plates, Production of aluminum. L. J. Hertlin. 1,572,012; Feb. 9.
Printing presser, Gripper mechanism of. O. Finkhaus. 1,572,710; Feb. 9.
Proctotherapy, Portable apparatus for use in. O. B. Schellberg. 1,572,043; Feb. 9.
Protection against the elements, Device for affording. G. I. Vail. 1,571,981; Feb. 9.
Pruner. E. McKenney. 1,572,546; Feb. 9.
Pruning device. F. H. Blodgett. 1,572,100; Feb. 9.
Pruning implement. J. H. Foote. 1,572,426; Feb. 9.
Pull-back table. J. B. Tytus. 1,572,582; Feb. 9.
Pulley lines, Extension arm for. R. H. Smith. 1,572,819; Feb. 9.
Pulp, Production of. L. Bradley and E. P. McKeefe. 1,572,840; Feb. 9.
Pump. P. L. Scott. 1,572,045; Feb. 9.
Pump and drill, Combination sand. S. R. Evans and S. W. Collins. 1,572,274; Feb. 9.
Pump for liquids or gases, Rotary. S. Maroger. 1,572,738; Feb. 9.
Pump for oil wells. H. L. Nolan. 1,572,618; Feb. 9.
Pumping apparatus. G. A. Buvinger, C. Warner, and J. A. Smith. 1,572,231; Feb. 9.
Pumping apparatus. J. W. Taylor. 1,572,329–33; Feb. 9.
Pumps, Illuminating sign for gasoline. D. W. Huston. 1,572,016; Feb. 9.
Pumps, Trap for oil-well. D. C. King. 1,572,022; Feb. 9.
Puzzle and poetic-puzzle blocks, Poetic. M. C. Jones. 1,572,433; Feb. 9.
Pyrrol, pyrrol derivatives, and pyrocoll from animal waste, Obtaining. J. Michelman. 1,572,552; Feb. 9.
Rack: *See*—
Brake-lining rack.
Vase and display rack.
Radiator. H. Kurtzner. 1,572,657; Feb. 9.
Radiator cap. A. C. Lippert. Des. 69,402; Feb. 9.
Radiator casing. D. W Day. Des. 69,384; Feb 9.
Radiator shield. J. M. Moran. 1,572,405; Feb. 9.
Radiator with removable elements. H. R. Guyot. 1,572,792; Feb. 9.
Radiocondenser. C. Horton. 1,572,604; Feb. 9.
Rail jack. T. Ray. 1,572,810; Feb. 9.
Rail-supporting device. J. W. Brewer. 1,572,127; Feb. 9.
Railway-crossing signal. L. Frasier and C. C. Hiner. 1,572,280; Feb. 9.
Railway rails, Angle bar for. T. Seitz. 1,572,368; Feb. 9.
Railway rails, Anticreeper for. W. S. Weston. 1,572,455; Feb. 9.
Railway signaling system. L. E. Spray. 1,572,570; Feb. 9.
Railway-switch stand. G. L. Thompson. 1,572,579; Feb. 9.
Railway switches, Safety device for. C. Shryock. 1,572,089; Feb. 9.
Railway-track construction. H. Etheridge. 1,572,131; Feb. 9.
Railway tracks, Safety mechanism for. J. H. Chestnut, jr. 1,572,765; Feb. 9.
Railway-traffic-controlling apparatus. R. A. McCann. 1,572,545; Feb. 9.
Razor-blade cutting and scraping tool. A. M. Brown. 1,572,702; Feb. 9.
Razor, Safety. J. Straka. 1,572,572; Feb. 9.
Recording instrument. E. Hodgkinson. 1,572,207; Feb. 9.
Reel: *See*—
Clothesline reel.
Fishing reel.
Dental floss reel.
Reel. R. Wolk. 1,572,174; Feb. 9.
Reflector blanks, Apparatus for finishing. W. H. Taylor. 1,572,451; Feb. 9.
Refrigerated case. R. E. Ottenheimer. 1,572,855; Feb. 9.
Refrigerating apparatus. L. G. Burgess and H. Thompson. 1,572,467; Feb. 9.
Refrigerating coil, Flooded horizontal. E. S. Halsey. 1,572,858; Feb. 9.
Register: *See*—
Cash register.
Regulating device. J. M. Larson. 1,572,495; Feb. 9.
Regulator: *See*—
Window regulator.
Reheating furnace. F. C. Siemens. 1,572,566; Feb. 9.
Rein, Controlling. U. S. Renne. 1,572,506; Feb. 9.
Removable wheel. M. L. Fykse. 1,572,134; Feb. 9.
Rerailer. L. F. Smith. 1,572,092; Feb. 9.
Resetting device. S. C. McKeown. 1,572,240; Feb. 9.
Resinous composition containing chlorinated rubber. N. Boehmer. 1,572,065; Feb. 9.
Resins and oleoresins, Distillation of natural. J. M. A. Chevallier, P. Bourcet, and H. Regnault. 1,572,766; Feb. 9.
Resistance. O. Klærbye. 1,572,538; Feb. 9.
Rethreading tool. C. E. Blecksmith. 1,572,064; Feb. 9.
Rheostat and switch, Combined. J. V. Francesco. 1,572,645; Feb. 9.
Rifle, Automatic. C. G. Swebilius. 1,572,450; Feb. 9.
Rim tool. A. J. Lundahl. 1,572,298; Feb. 9.
Ring: *See*—
Piston ring.
Saddle ring.
Ring. W. S. Foley. Des. 69,386; Feb. 9.
Ring or article of similar nature, Finger. B. Gross. Des. 69,390; Feb. 9.
Rocking-horse. F. T. Oakley. 1,572,620; Feb. 9.
Rods, Locking device for slidable. P. L. Roehmholdt. 1,572,087; Feb. 9.
Roll control. S. Elder. 1,571,934; Feb. 9.
Roller skate. M. Skorka. 1,572,567; Feb. 9.
Rotary engine. J. Deubel. 1,572,000; Feb. 9.
Rotary engine. J. S. Lawrence. 1,572,541; Feb. 9.
Rotary furnace. A. H. Pehrson. 1,572,805; Feb. 9.
Rules, Cursor shifter for slide. H. A. McCarter. 1,572,497; Feb. 9.
Ruling apparatus. A. Broadmeyer. 1,572,421; Feb. 9.
Saddle ring. J. Helm. 1,572,796; Feb. 9.
Safeguard, Automatic. J. Goulet. 1,572,202; Feb. 9.
Safety catch. A. Croce. 1,572,518; Feb. 9.
Safety device. M. Carr. 1,572,763; Feb. 9.
Safety device. A. L. N. Fleming and W. T. Criswell. 1,571,935; Feb. 9.
Salts of urea, Manufacture of. J. Breslauer and C. Goudet. 1,572,638; Feb. 9.
Sand box and playhouse. R. E. Whiteside. 1,572,630; Feb. 9.
Sanitary-container construction. P. Kempter. 1,572,492; Feb. 9.
Sash and door lock. E. J. Kingwill. 1,572,608; Feb. 9.
Sash, Window. J. R. Howard. 1,572,486; Feb. 9.
Saw frame, Hack-. F. A. Stierheim. 1,572,823; Feb. 9.
Soldering iron. J. E. Marsden. 1,572,666; Feb. 9.
Sound amplifier. C. Scrabic. 1,572,317; Feb. 9.
Sound box. H. C. Harrison. 1,572,387; Feb. 9.
Sound-reproducing machine. J. Vanderkamp. 1,572,696; Feb. 9.
Scale. L. G. Knapp. 1,572,609; Feb. 9.
Scale, Platform. W. H. Taylor. 1,572,328; Feb. 9.
Scale, Weighing. M. J. Weber. 1,572,627; Feb. 9.
Scraper. J. Tatge. 1,572,824; Feb. 9.
Screen: *See*—
Window screen.
Screw-cap retainer and guide. J. D. Raymond. 1,572,505; Feb. 9.
Scriber clamp and attaching device. E. L. Hunt. 1,572,237; Feb. 9.
Seat: *See*—
Chair seat.
Seat cover. E. B. Nathan. 1,572,407; Feb. 9.

Seeds and other bodies, Method and apparatus for cleaning, separating, and grading. H. R. Warren. 1,572,055; Feb. 9.
Seesaw, Rocking. N. R. Erickson. 1,572,194; Feb. 9.
Separator: *See*—
Centrifugal separator.
Servo mechanism. P. Burke. 1,572,230; Feb. 9.
Sewers or conduits, Series of. W. C. Ferguson. 1,572,197; Feb. 9.
Sewing machines, Automatic feeding apparatus for. L. J. Elsas. 1,572,351; Feb. 9.
Shade and curtain bracket, Combined window-. T. F. Hunt. 1,572,389; Feb. 9.
Shade bracket, Window-. D. Z. Evans. 1,572,642; Feb. 9.
Shade roller. S. H. Hartshorn. 1,572,651; Feb. 9.
Sharpening machine for pencils and other styles. E. Grantzow. 1,572,005; Feb. 9.
Shears, Power-operating attachment for sheep. F. N. Guymon. 1,572,791; Feb. 9.
Sheet-feeding device, Automatic. W. F. Butler. 1,572,640; Feb. 9.
Sheet-metal-working machine. J. Bingham. 1,572,376; Feb. 9.
Sheet-pickling method. J. B. Tytus. 1,572,583; Feb. 9.
Shell-stitch machine. J. M. Merrow. 1,572,550; Feb. 9.
Shingle, Enamel-metal. F. M. Blair. 1,572,377; Feb. 9.
Shipping container. A. C. Scott. 1,572,367; Feb. 9.
Ships and aircraft, Propulsion and maneuvering of. E. S. G. Rees. 1,572,812; Feb. 9.
Shock absorber. F. T. Homar. 1,572,484; Feb. 9.
Shock absorber. E. Van der Pyl. 1,572,095; Feb. 9.
Shock-absorbing spring and snubber. W. W. Yarnall. 1,572,060; Feb. 9.
Shoe-filler apparatus. E. M. Thompson. 1,572,694; Feb. 9.
Shoes, Orthopedic support for. W. Lucas. 1,572,213; Feb. 9.
Shredding machine, Material-. G. D. Ryther. 1,572,366; Feb. 9.
Shoveling and loading machine. C. C. Hansen. 1,572,009; Feb. 9.
Shovels, Cable drive for. R. A. Beckwith. 1,572,177; Feb. 9.
Sign. S. Libros. 1,572,496; Feb. 9.
Sign, Electric. J. E. Long. 1,572,212; Feb. 9.
Signal: *See*—
Motor vehicle signal. Speed-indicating signal.
Railway-crossing signal.
Signaling system, Multiplex. H. A. Affel. 1,572,757; Feb. 9.
Silo construction. A. I. Anderson. 1,572,589; Feb. 9.
Sink and dish washer, Combined. J. L. Schertz. 1,572,686; Feb. 9.
Sling, Take-down. W. E. Buzby. 1,571,997; Feb. 9.
Slipper. N. Rosenbaum. Des. 69,413; Feb. 9.
Smelting or heating furnace with firing of coal dust. E. Vogt and L. Kirchhof. 1,572,336; Feb. 9.
Smoking figure. F. Oldham. 1,572,409; Feb. 9.
Snow scooping and melting apparatus. H. E. Wilbert. 1,572,414; Feb. 9.
Snowplow. L. P. Marx. 1,572,026; Feb. 9.
Snowshoe. W. Fox. 1,572,200; Feb. 9.
Spark plug. F. V. Winters. 1,572,058; Feb. 9.
Spectacles. P. H. McCourt. 1,572,733; Feb. 9.
Speed-indicating signal. M. Jackson. 1,572,536; Feb. 9.
Spinning frames, Doffing apparatus for. R. B. Buchanan. 1,572,103; Feb. 9.
Spout for bath and lavatory fixtures. M. W. Wuesthoff. Des. 69,421; Feb. 9.
Sprayer, Powder. J. A. Rhodes. 1,572,684; Feb. 9.
Spraying device. N. W. Kreuder. 1,572,656; Feb. 9.
Spring-forming machine. T. F. Buckley. 1,572,639; Feb. 9.
Spring mounting. W. Clauson. 1,572,106; Feb. 9.
Spring wheel. S. M. Coan. 1,572,129; Feb. 9.
Sprinkler. H. S. Humphrey. 1,571,950; Feb. 9.
Stand: *See*—
Fixture stand. Switch stand.
Railway-switch stand.
Staple binder. D. L. Irvin. 1,572,017–18; Feb. 9.
Steam-cooking utensil. C. E. Johnson. 1,572,144; Feb. 9.
Steam from a container having in it a boiling liquid, Automatic means for letting off. O. Einsler. 1,572,272; Feb. 9.
Steam generator, High pressure. F. Lösel. 1,572,613; Feb. 9.
Steam purifier and drier. C. J. Quinn. 1,572,245; Feb. 9.
Steel manufacture. T. J. Bray, jr. 1,572,179; Feb. 9.
Steel-wool machine. W. H. Robbins. 1,572,160; Feb. 9.
Steering gears for motor vehicles, Vibration-absorbing means for. F. W. Davis. 1,572,519; Feb. 9.
Stenciling apparatus. A. Pokorny. 1,572,081; Feb. 9.
Stepladder and stool, Safety collapsible combination. T. W. Hall. 1,572,008; Feb. 9.
Stiletto, Embroidery. J. L. Flannery. 1,572,524; Feb. 9.
Stock, Machine for operating upon. E. E. Winkley. 1,571,987; Feb. 9.
Stockings, Finishing. E. J. Zlock. 1,572,061; Feb. 9.
Stove, Combination hot-water. S. V. Reeves. 1,572,683; Feb. 9.
Stove, Gas. W. C. Lindemann. 1,572,661; Feb. 9.
Stove-leg lock. R. Fleming. 1,572,003; Feb. 9.
Stove plate, Auxiliary. E. J. Golden. 1,572,113; Feb. 9.
Stretcher. C. McCammack. 1,572,732; Feb. 9.
Structures against earthquake damage, Device for protecting. O. Stromborg. 1,572,574; Feb. 9.
Sucker-rod elevator. W. F. Cornelius. 1,572,234; Feb. 9.
Sucker-rod elevator. L. F. Davis. 1,572,235; Feb. 9.
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Sugar-cane mills, metal-rolling mills and the like, Spring-relieving gear for rolls of. C. McNeil. 1,572,735; Feb. 9.
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Suitcase, Reenforced. M. and H. W. Axelman. 1,572,868; Feb. 9.
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Surgical instrument. J. H. Molinelli. 1,571,956; Feb. 9.
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Electric switch.
Switch. E. H. Jacobs. 1,572,209; Feb. 9.
Switch handle. H. O. Engstrom. 1,572,130; Feb. 9.
Switch stand. O. D. Oliver. 1,572,754; Feb. 9.
Syringe aspirator. W. G. Painter. 1,572,075; Feb. 9.
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Tandem motor power unit. J. M. Finley. 1,572,522; Feb. 9.
Tanks, Filling device for filling. W. H. Stephenson. 1,572,049; Feb. 9.
Tapping machine. F. M. Sanderson. 1,572,685; Feb. 9.
Tapping trough, slag sweeper or skimmer. F. B. McKune. 1,572,864; Feb. 9.
Teapot cover. W. Ramge. 1,572,082; Feb. 9.
Telegraph circuits. F. H. Fay. 1,572,782; Feb. 9.
Telegraph circuit. F. H. Fox. 1,572,785; Feb. 9.
Telephone-exchange system. A. C. Powell. 1,572,679; Feb. 9.
Telephone receiver. A. A. Thomas. 1,572,452; Feb. 9.
Telephone ringing system. R. S. Bailey. 1,571,991; Feb. 9.
Telephone switch. E. H. Clark. 1,572,380; Feb. 9.
Telephone-switching system. W. T. Powell. 1,572,222; Feb. 9.
Telephone system. E. Horn. 1,572,860; Feb. 9.
Telephone system. E. Horn and M. Langer. 1,572,859; Feb. 9.
Telephone system. S. B. Williams. 1,572,587; Feb. 9.
Telephone system, Automatic. W. T. Powell. 1,572,223; Feb. 9.
Telephone system, Long-distance. W. T. Powell. 1,572,224; Feb. 9.
Telephone trunk circuit. A. J. Ray. 1,571,966; Feb. 9.
Tennis racket. N. Lawrence. 1,572,542; Feb. 9.
Tension gauge for check-row wires. J. D. O'Brien. 1,572,408; Feb. 9.
Testing device, Air-operated. R. H. Mueller and C. W. Hathaway. 1,572,158; Feb. 9.
Textile fabric. W. C. Korzinek. Des. 69,399; Feb. 9.
Textile fabric. O. Krause. Des. 69,400; Feb. 9.
Textile fabrics, Apparatus for use in stretching and drying. J. H. Walsh. 1,572,585; Feb. 9.
Textile fibers in skein form, Apparatus for the continuous treatment of. J. Brandwood. 1,572,637; Feb. 9.
Thermoelectric element. O. Hermann. 1,572,117; Feb. 9.
Threads or cords, Machine for uniting. W. H. Pearson and T. J. Kelly. 1,572,655; Feb. 9.
Throttle and governor for pneumatic tools, Combined. W. A. Smith. 1,572,371; Feb. 9.
Tile-forming machines, Shaping and trimming attachment for. M. Mueller. 1,572,028; Feb. 9.
Timepiece. N. P. Walters. 1,572,097; Feb. 9.
Timed feeder. L. E. La Bombard and M. H. Sidebotham. 1,572,439; Feb. 9.
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Tire-building machine. W. H. Hermann. 1,572,011; Feb. 9.
Tire-filling apparatus. E. Re. 1,572,811; Feb. 9.
Tires and the like, Splicing unvulcanized rubber tubes for automobile. W. L. Fairchild. 1,572,276; Feb. 9.
Tires, Compressed rubber and air cushion for. R. H. Villard. 1,572,053; Feb. 9.
Tires, Compressible safety ring for pneumatic. A. J. Michelin. 1,572,746; Feb. 9.
Tires, Mold for manufacturing. H. M. Lambert. 1,572,440; Feb. 9.
Tool. W. H. Todhunter. 1,572,094; Feb. 9.
Toothbrush. L. M. Davis. 1,571,999; Feb. 9.
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Toy. G. W. Ferguson. 1,572,473; Feb. 9.
Toy airplane. D. I. Dwyer. 1,572,270; Feb. 9.
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Toy, Child's coaster. S. S. Griffin. 1,572,789; Feb. 9.
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Toy, Figure wheeled. M. Nakamura. 1,572,751; Feb. 9.
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Toy, Mechanical. L. S. Gunderman. 1,572,649; Feb. 9.
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Toy vehicle. F. Van Valkenburg. 1,572,335; Feb. 9.
Toys, Building construction for. J. M. A. Larkin. 1,572,659; Feb. 9.
Track-aligning jack. F. Hackmann. 1,572,477; Feb. 9.
Track shifting and raising machine. B. H. Falkner. 1,572,643; Feb. 9.
Trailer coupling. R. A. Weeks. 1,572,056; Feb. 9.
Train-control system. A. G. Shaver and A. B. Kendall. 1,572,564; Feb. 9.
Train-signaling system. W. Kannenberg. 1,572,800; Feb. 9.
Train-speed-control device. G. W. Wildin. 1,572,173; Feb. 9.
Transfer spout. F. B. McKune. 1,572,866; Feb. 9.
Transmission. W. J. Ryan. 1,572,312; Feb. 9.
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Transmission and brake bands, Lining for. H. J. Mead. 1,572,301; Feb. 9.
Transmission-housing cover, Locking a. C. L. Johnson. 1,572,145; Feb. 9.
Transmission lock. R. Huff. 1,571,949; Feb. 9.
Trap: *See*—
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Tray for cups or similar articles. H. Wellen. Des. 69,419; Feb. 9.
Tray, Portable candy. R. S. Meredith. 1,572,743; Feb. 9.
Tree jack. L. Watson and A. O. Middlemiss. 1,572,856; Feb. 9.
Tree-light holder. W. M. Young. 1,572,700; Feb. 9.
Trimming for wearing apparel. M. Ladin. Des. 69,401; Feb. 9.
Trough, Feed. J. Holer. 1,572,483; Feb. 9.
Truck for tramway vehicles. E. Y. and E. A. Walsh. 1,572,339; Feb. 9.
Trucks, Side bearing for car. A. Christianson. 1,572,128; Feb. 9.
Tube: *See*—
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Tumbler or similar article. G. S. Bryce. Des. 69,383; Feb. 9.
Tunnel and method of building and submerging. J. C. Meen. 1,572,741; Feb. 9.
Typewriter construction. G. F. Rose. 1,572,159; Feb. 9.
Typewriters, Finger guide for. B. F. Ellsworth. 1,572,385; Feb. 9.
Typewriting machine. W. F. Helmond. 1,571,946; Feb. 9.
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Typewriting machine. A. G. F. Kurowski. 1,572,396; Feb. 9.
Typewriting machine. J. A. B. Smith. 1,572,622; Feb. 9.
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Vacuum bottles, Electrically-operated sealing means for. W. Wagner. 1,572,827; Feb. 9.
Vacuum brake. N. H. Gilman. 1,572,526; Feb. 9.
Vacuum tube. W. F. Hendry. 1,572,530; Feb. 9.
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Valve. S. J. Nordstrom. 1,572,030; Feb. 9.
Valve. C. W. Risden. 1,572,085; Feb. 9.
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Valve for rock drills. L. C. Bayles. 1,571,993; Feb. 9.
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Vanity box, Loose-powder. B. P. Hyde. 1,572,652; Feb. 9.
Vanity case. H. Slaiger. 1,572,850; Feb. 9.
Vapor and preventing condensation and for ventilation, eliminating. C. J. Heuser. 1,572,288; Feb. 9.
Vase and display rack, Combination. C. P. Mueller. 1,572,444; Feb. 9.
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Vehicle, Motor. J. F. Sullivan. 1,572,051; Feb. 9.
Vehicles, Automatic clutch control for motor. H. I. Smith. 1,572,370; Feb. 9.
Vehicles, Direction indicator for motor. W. Vogt. 1,572,413; Feb. 9.
Vehicles, Locating chart for. W. F. Schroeder. 1,572,447; Feb. 9.
Vehicles, Side closure for motor. B. Edwards. 1,572,271; Feb. 9.
Vehicles, Traffic signal for motor. A. Marrett. 1,572,442; Feb. 9.
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Viscosity characteristics of nitrocellulose, Reducing the. L. E. Branchen. 1,572,266; Feb. 9.
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Visor and automatic flash light, Combined. J. A. Kolibas. 1,572,210; Feb. 9.
Wall plug, Electric. H. F. Secretan. 1,572,563; Feb. 9.
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Washer: *See*—
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Watches, Winding-up and hand-setting mechanism in. H. Colomb. 1,572,516; Feb. 9.
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Water heater, Electric. G. R. Blakesley. 1,572,466; Feb. 9.
Wave signaling and communicating system, High-frequency. E. H. Smythe and S. B. Williams, jr. 1,572,756; Feb. 9.
Wax from mineral-oil distillates, Separating. S. H. Hall and C. H. Hapgood. 1,571,943; Feb. 9.
Weaving frame. E. V. Meehan. 1,572,549; Feb. 9.
Weigher, Crown-block string. W. H. Hazlett. 1,572,719; Feb. 9.
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Removable wheel. Spring wheel.
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Wind instruments, Spring for. C. H. Norton. 1,572,675; Feb. 9.
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Windshield. G. E. Goddard. 1,571,941; Feb. 9.
Winding machine. E. J. Abbott. 1,571,925; Feb. 9.
Window casing. S. A. Menczer. 1,572,217; Feb. 9.
Window channel. E. M. Guillaume. 1,572,284; Feb. 9.
Window glass, Mounting for. M. Fuller. 1,572,427; Feb. 9.
Window jack. E. F. Gamber. 1,572,646; Feb. 9.
Window regulator. R. W. and G. W. Bostwick. 1,572,265; Feb. 9.
Window-regulator lock. R. W. Bostwick. 1,572,635; Feb. 9.
Window sash. A. S. Tuñez. Re16,261; Feb. 9.
Window scaffold or seat. U. A. Carr. 1,572,592; Feb. 9.
Window screen. E. P. Garner. 1,572,786; Feb. 9.
Window, Vertically-slidable inwardly-swinging. O. L. Dautrick. 1,572,775; Feb. 9.
Windows and the like, Sill for. J. A. Rappaport. 1,572,309; Feb. 9.
Wire gauge. A. L. Godwin and P. Anderson. 1,572,353; Feb. 9.
Wire-mesh machine. T. H. Kane. 1,572,491; Feb. 9.
Wire-winding machine. E. H. Meyer. 1,572,667; Feb. 9.
Wireless telegraphy and telephony, Inductance coil for use in. W. S. Shephard. 1,572,047; Feb. 9.
Wireless telegraphy, Limiting the effect of static or other disturbances in. J. H. Hammond, jr. 1,572,204; Feb. 9.
Wood chips, Process and apparatus for cooking. J. T. Jaeger. 1,572,723; Feb. 9.
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Woodworking machine. W. R. Hirt. 1,572,797; Feb. 9.
Wrapping machine. J. Van Buren. 1,572,256; Feb. 9.
Wrench. J. A. Frampton. 1,572,525; Feb. 9.
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Wringer. W. A. Frantz. 1,572,201; Feb. 9.
Wringer mechanism. A. J. Dremel. 1,572,002; Feb. 9.
Wrist-pin connection. D. Head. 1,572,795; Feb. 9.
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Yarns, Manufacturing colored. W. J. Kerwin, jr. 1,572,148; Feb. 9.
Yarns, Steaming device for. P. Ceasar. 1,571,930; Feb. 9.
Yeast-nutrient solutions and of manufacturing yeast therefrom, Preparing. R. L. Corby and R. Glasgow. 1,571,932; Feb. 9.

CLASSIFICATION OF PATENTS

ISSUED FEBRUARY 9, 1926.

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ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

A-B Stove Company, Battle Creek, Mich. Gas ranges. 209,111; Feb. 16; Ser. No. 220,092; published Nov. 17, 1925.

Adams and Ford Company, The, Cleveland, Ohio, assignor to United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Rubber overshoes. 48,598; renewed Jan. 2, 1926.

Aid-ant Remedy Co., Concord, N. H. Salve. 48,905; renewed Jan. 16, 1926.

Alaska Silver Fox & Fur Farms Co., Lake Placid, N. Y. Silver foxes. 209,287; Feb. 16.

Allen, Edward B., Newton, Conn. Bath, flesh, and massage brushes. 208,992; Feb. 16; Serial No. 220,103; published Dec. 1, 1925.

Allen, Robert W., doing business as The Allol Medical Specialty Co., Chicago, Ill. Preparation for the treatment of constipation and hemorrhoids. 209,120; Feb. 16; Serial No. 221,084; published Nov. 24, 1925.

Allen Soap Company, The, Chicago, Ill. Cleaner. 209,094; Feb. 16; Serial No. 219,022; published Nov. 17, 1925.

Allol Medical Specialty Co., The. (See Allen Robert W.)

American Asphalt Company. (See Forrester, John D., assignor.)

American Blower Company, Detroit, Mich. Coal, gas, and oil burning stoves, heaters, steam boilers, separators, etc. 209,172; Feb. 16; Serial No. 212,774; published Nov. 10, 1925.

American Crayon Company, The, Sandusky, Ohio. Paper-wrapped pencils, crayons, and pencils. 209,071; Feb. 16; Serial No. 198,553; published Nov. 17, 1925.

American Crayon Company, The, Sandusky, Ohio. Monthly periodicals. 209,252; Feb. 16; Serial No. 220,389; published Nov. 24, 1925.

American Leather Finish Co., Boston, Mass. Colorless binding agent for use with pigment finishes in the tanning and finishing of leather. 209,125; Feb. 16; Serial No. 221,797; published Nov. 24, 1925.

American Leather Finish Co., Boston, Mass. Pigment finishes for coloring and finishing the surface of leather. 209,126; Feb. 16; Serial No. 221,798; published Nov. 24, 1925.

American Petroleum Products Co., New York, N. Y. Lubricating oils. 52,051; renewed May 1, 1926.

American Powder Mills, Boston, Mass. Gunpowder. 52,991; renewed May 22, 1926.

American Powder Mills, Boston, Mass. Gunpowder. 53,113; renewed May 29, 1926.

American Powder Mills, Boston, Mass. Gunpowder. 53,655; renewed June 12, 1926.

American Radio Relay League, The, Hartford, Conn. Magazines or monthly publications. 209,062; Feb. 16; Serial No. 204,492; published Nov. 3, 1925.

American Reenforced Paper Company, Attleboro, Mass. Reenforced aper. 209,188; Feb. 16; Serial No. 216,810; published Nov. 3, 1925.

American Stores Company, Philadelphia, Pa. Grape juice. 209,027; Feb. 16; Serial No. 220,824; published Dec. 1, 1925.

American Waltham Watch Co., Waltham, Mass., assignor to Waltham Watch Company, Waltham and Boston, Mass. Mainsprings for watches. 48,775; renewed Jan. 16, 1926.

Ands. Koch A.-G. Trossingen, Wurttemberg, Germany. Mouth organs and accordions. 209,013; Feb. 16; Serial No. 212,469; published Nov. 3, 1925.

Angier Corporation, Framingham, Mass. Crêped or crinkled paper stock. 209,275; Feb. 16; Serial No. 220,283; published Nov. 3, 1925.

Ansted & Burk Company, The, Springfield, Ohio. Wheat flour. 52,672; renewed May 15, 1926.

Appleton Coated Paper Company, The, Appleton, Wis. White shelf paper. 209,156; Feb. 16; Serial No. 216,447; published Nov. 17, 1925.

Arbuckle Bros.; Arbuckle Brothers, New York, N. Y., Pittsburgh, Pa., and Chicago, Ill. Coffee. 50,455; renewed Mar. 20, 1926.

Army & Navy Journal, Incorporated. (See Church, W. C. & F. P., Incorporated, assignor.)

Artisti-Kote Company, Upper Darby, Philadelphia, Pa. Stucco. 209,020; Feb. 16; Serial No. 221,156; published Nov. 24, 1925.

Artisti-Kote Company, Upper Darby, Philadelphia, Pa. Stucco. 209,121; Feb. 16; Serial No. 221,157; published Nov. 17, 1925.

Atlanta Tent & Awning Company. (See Couch Bros. Manufacturing Co.)

Bahnsen, C., & Co., Inc., New York, N. Y. Woven wool coating fabrics. 209,066; Feb. 16; Serial No. 202,546; published Nov. 24, 1925.

Bahnsen, C., & Co., Inc., New York, N. Y. Woven worsted coating fabrics. 209,067; Feb. 16; Serial No. 202,545; published Nov. 24, 1925.

Bahnsen, C., & Co., Inc., New York, N. Y. Woven combination silk and wool coating fabrics. 209,068; Feb. 16; Serial No. 202,544; published Nov. 24, 1925.

Bailey, Walter W., doing business as Bailey Paper Company, New York, N. Y. Paper. 209,272; Feb. 16; Serial No. 220,590; published Nov. 3, 1925.

Bailey, Walter W., doing business as Bailey Paper Company, New York, N. Y. Book paper. 209,273; Feb. 16; Serial No. 220,589; published Nov. 3, 1925.

Baldwin-Tarvin Company, The, Cincinnati, Ohio. Mulsified asphalt for waterproofing and protective purposes. 209,186; Feb. 16; Serial No. 218,156; published Nov. 10, 1925.

Barber, Frank W., Stockton, Calif. Shampoo soap both in solid and liquid form. 209,160; Feb. 16; Serial No. 216,134; published Nov. 10, 1925.

Barclay & Barclay, assignor to Barclay & Co., New York, N. Y. Medicinal soap. 50,534; renewed Mar. 20, 1926.

Barclay & Barclay, assignor to Barclay & Co., New York, N. Y. Medicinal soap. 53,947; renewed June 19, 1926.

Barclay & Barclay, assignor to Barclay & Co., New York, N. Y. Hair and skin tonic. 53,971; renewed June 19, 1926.

Barclay & Barclay, assignor to Barclay & Co., New York, N. Y. Hair and skin tonic. 54,096; renewed June 19, 1926.

Barrows, D. A. (See Pearl, I. L., & Co.)

Bates, A. J., Co.; A. J. Bates Company, Webster, Mass. Leather shoes. 53,371; renewed June 5 1926.

Bay State Milling Company, Winona, Minn. Flour, meal, cereals, bran, and stock feeds. 209,023; Feb. 16; Serial No. 221,229; published Dec. 1, 1925.

Beaver Cloak & Suit Manufacturing Co., Portland, Oreg. Misses' and women's cloaks, suits, and dresses. 209,135; Feb. 16; Serial No. 221,160; published Nov. 24, 1925.

Beaver Products Company, Inc., The, Buffalo, N. Y. Wall board. 208,991; Feb. 16; Serial No. 220,106; published Nov. 24, 1925.

Belleville Stove & Range Co., Belleville, Ill. Electric stoves, ranges, and hot-plate attachment therefor. 209,011; Feb. 16; Serial No. 215,044; published Nov. 3, 1925.

Benjamin, E. V., Company, Inc., The, doing business as Maginnis Cotton Mills, New Orleans, La. Overalls, jackets, vests, suits, etc., for men or children. 209,242; Feb. 16; Serial No. 217,600; published Nov. 10, 1925.

Bennett Printing Company, Paris, Tex. Writing and printing paper and bank-check paper. 209,093; Feb. 16; Serial No. 219,025; published Nov. 17, 1925.

Bermingham & Prosser Co., Kalamazoo, Mich. Book and printing papers. 209,179; Feb. 16; Serial No. 219,267; published Nov. 3, 1925.

Bernhard Ulmann Co. Inc., New York, N. Y. Aprons. 209,087; Feb. 16; Serial No. 219,871; published Nov. 24, 1925.

Best-Ever Slipper Co., Inc., The, Brooklyn, N. Y. Men's and women's bedroom and house slippers. 208,997; Feb. 16; Serial No. 217,855; published Oct. 20, 1925.

Bilt Well Products Co., Bay City, Mich. Storage batteries. 209,226; Feb. 16; Serial No. 210,158; published Apr. 28, 1925.

Black Diamond Manufacturing Company; Black Diamond Mfg. Company, Cincinnati, Ohio. Belt dressings. 51,204–5; renewed Apr. 10, 1926.

Bolduc Bros., Boston, Mass. Polish for windshields, painted surfaces, metals, etc. 209,133; Feb. 16; Serial No. 221,300; published Nov. 17, 1925.

Boyd, Arch C., New York, N. Y. Children's play suits in the nature of overalls. 209,088; Feb. 16; Serial No. 219,710; published Nov. 24, 1925.

Brake Renew Products Co., Los Angeles, Calif. Preparation used for loosening rusty nuts and sticky valves. 209,290; Feb. 16.

Brandt Cabinet Works, The, Hagerstown, Md. Library and living-room tables. 209,022; Feb. 16; Serial No. 221,231; published Dec. 1, 1925.

Braun & Fitts, Inc.; John F. Jelke Company, Chicago, Ill., successor. Butterine or oleomargarine. 48,908; renewed Jan. 16, 1926.

Braun & Fitts, Inc.; John F. Jelke Company, Chicago, Ill., successor. Butterine or oleomargarine. 48,980; renewed Jan. 16, 1926.

Braun & Fitts, Inc.; John F. Jelke Company, Chicago, Ill., successor. Butterine. 49,761; renewed Feb. 13, 1926.

Braun & Fitts, Inc.; John F. Jelke Company, Chicago, Ill., successor. Butterine or oleomargarine. 51,119; renewed Apr. 3, 1926.

Breed and Breed, Winchester, Mass. Candies. 209,187; Feb. 16; Serial No. 217,321; published Oct. 27, 1926.

Breier's, Marcus, Sons, New York, N. Y. Shirts and blouses. 209,223; Feb. 16; Serial No. 215,045; published Nov. 17, 1925.

Breitenbach, M. J., Company. (See Gude, Dr. A., & Co., G. m. b. H., assignor.)
Brignall, Guy E. (See Kirk, James S., & Company, assignor.)
Bristol-Myers Company, Brooklyn; Bristol-Myers Company, New York, N. Y. Certain named medicines. 51,922; renewed Apr. 24, 1926.
Brokaw Bros.; Brokaw Brothers, New York, N. Y. Coats, vests, trousers, and overcoats. 54,542; renewed June 26, 1926.
Bromo-Aspirin Co., Wabash, Ind. Preparation for colds, headaches, and neuralgia. 209,153; Feb. 16; Serial No. 220,176; published Nov. 24, 1925.
Broom & Newman, New York, N. Y. Men's dress shirts. 53,877; renewed June 12, 1926.
Built-In Fixture Company, Berkeley, Calif. Ironing boards, folding seats, etc. 209,199; Feb. 16; Serial No. 219,934; published Nov. 3, 1925.
Burgess-Johnson-Webb Corporation, doing business as Marva Garment Company, Kansas City, Mo. Women's dresses. 209,053; Feb. 16; Serial No. 208,956; published Nov. 10, 1925.
Burnett, Tom B., Dallas, Tex. Mattresses. 48,086; renewed Dec. 12, 1925.
Buttny, Joseph A., doing business as Capitol Chemical Company, Chicago, Ill. Cleaning fluid used as a dry cleaner. 209,263; Feb. 16; Serial No. 219,527; published Nov. 10, 1925.
C & B Products Co., Woodbury, N. J. Laundry and cleaning composition. 209,271; Feb. 16; Serial No. 219,057; published Nov. 3, 1925.
C. G. Spring and Bumper Company, The, Detroit, Mich. Bumpers. 209,277; Feb. 16; Serial No. 220,206; published Nov. 10, 1925.
California Almond Confections Company. (See Prentiss, William, Jr.)
California Wine Association. (See Italian Swiss Colony.)
Calorizing Company, The, Pittsburgh, Pa. Recuperators and air heaters. 209,003; Feb. 16; Serial No. 187,662; published Nov. 24, 1925.
Capitol Chemical Company. (See Buttny, Joseph A.)
Carlowitz & Co., Hamburg, Germany. Watches, clocks, and parts thereof. 209,042; Feb. 16; Serial No. 211,831; published Nov. 3, 1925.
Carpenter, Geo. B., & Co., Chicago, Ill. Awnings. 209,107; Feb. 16; Serial No. 219,376; published Nov. 17, 1925.
Carvell, William F., Wilmington, Del. Gasoline. 209,248; Feb. 16; Serial No. 217,208; published Nov. 17, 1925.
Central Commercial Company, Chicago, Ill. Gasoline, naphtha, fuel oil, tractor oil, etc. 209,072; Feb. 16; Serial No. 183,363; published Nov. 10, 1925.
Certain-teed Products Corporation, New York, N. Y. Sublimed naphthalene, crude naphthalene, and creosote oil. 209,217; Feb. 16; Serial No. 217,450; published Nov. 3, 1925.
Chamberlain, F. B., Company. (See Jack Frost Baking Powder Co., assignor.)
Cheramy, Inc., New York, N. Y. Toilet soaps and shaving creams. 209,145; Feb. 16; Serial No. 220,446; published Nov. 17, 1925.
Chili Products Corporation, Los Angeles, Calif. Dried sweet pepper. 209,079; Feb. 16; Serial No. 221,304; published Dec. 1, 1925.
Church, John, Company, The, Cincinnati, Ohio. Upright pianos. 48,670; renewed Jan. 9, 1926.
Church, W. C. & F. P., Incorporated, New York, N. Y., assignor to Army & Navy Journal, Incorporated, Washington, D. C. Weekly newspaper. 49,503; renewed Feb. 6, 1926.
Clayton, John M., doing business as Red Seal Auto Top Dressing Co., Haverhill, Mass. Auto top dressing. 209,137; Feb. 16; 221,049; published Nov. 17, 1925.
Clemson, George N., assignor to Clemson Bros., Inc., Middletown, N. Y. Saws. 50,640; renewed Mar. 27, 1926.
Cleveland Liner & Manufacturing Co., The, Cleveland, Ohio. Paper for handling uncured rubber. 209,232; Feb. 16; Serial No. 218,796; published Nov. 17, 1925.
Cluett, Peabody & Co. Inc., Troy, N. Y. Underwear. 209,264; Feb. 16; Serial No. 219,474; published Nov. 10, 1925.
Colorado Milling & Elevator Co., The, Denver, Colo. Wheat flour. 209,021; Feb. 16; Serial No. 221,239; published Dec. 1, 1925.
Columbia Orange Crush Bottling Company. (See Lefas, Stephen D.)
Concrete Surface Corporation, New York, N. Y. Material for treating horizontal concrete surfaces. 209,200; Feb. 16; Serial No. 219,815; published Nov. 3, 1925.
Conde Nast Publications, Inc., The, New York, N. Y. Bimonthly publication. 209,256; Feb. 16; Serial No. 219,945; published Nov. 24, 1925.
Continental Paper & Bag Mills Corporation, New York, N. Y. Prophylactic tissue paper. 209,270; Feb. 16; Serial No. 219,168; published Nov. 10, 1925.
Copeland Products, Inc., Detroit, Mich. Iceless refrigeration systems. 209,292; Feb. 16, 1926.
Couch Bros. Manufacturing Co., doing business as Atlanta Tent & Awning Company, East Point, Ga. Awnings. 209,177; Feb. 16; Serial No. 219,382; published Nov. 10, 1925
Crew Levick Co.; Crew Levick Company, Philadelphia, Pa., successor. Lubricating oils. 50,851; renewed Apr. 3, 1926.
Crispette Company, The, Minneapolis, Minn. Hard bread. 209,086; Feb. 16; Serial No. 221,242; published Dec. 1, 1925.
Crown Cork and Seal Company of Baltimore City, The, Baltimore, Md. Composition cork sheets and blocks, coverings for textile rolls, and sealing disks for closures. 209,181; Feb. 16; Serial No. 219,062; published Nov. 10, 1925.
Culpeper, Chas. E., New York, N. Y. Beverage sold as soft drink. 209,193; Feb. 16; Serial No. 193,759; published May 6, 1924.
Curtis Publishing Company, Philadelphia, Pa. Agricultural journal issued monthly. 209,129; Feb. 16; Serial No. 219,529; published Nov. 10, 1925.
Davis & Lawrence Co., New York, N. Y. Mediminal preparation for external and internal use. 54,100; renewed June 19, 1926.
Deglet Noor Date Growers Association, The, Indio, Calif. Dates. 209,221; Feb. 16; Serial No. 216,886; published Sept. 15, 1925.
De Land, Charles M., New York, N. Y. Woolen piece goods. 209,101; Feb. 16; Serial No. 216,090; published Nov. 24, 1925.
Del Monte Properties Company, San Francisco, Calif. White sand. 209,253; Feb. 16; Serial No. 220,386; published Nov. 24, 1925.
Desmond Clothing Company, Los Angeles, Calif. Men's and boys' suits, knickers, ties, etc. 209,165; Feb. 16; Serial No. 215,058; published Nov. 17, 1925.
Diamond Calk Horse Shoe Co., Duluth, Minn. Wrenches. 209,074; Feb. 16; Serial No. 222,226; published Dec. 8, 1925.
Diana Motors Company, St. Louis, Mo. Automobiles. 209,198; Feb. 16; Serial No. 219,947; published Nov. 3, 1925.
Dodge, F. W., Corporation, New York, N. Y. Daily construction news bulletin. 209,212; Feb. 16; Serial No. 219,326; published Nov. 24, 1925.
Doob, M., Sons & Company, New York, N. Y. Cotton and silk-cotton piece goods. 209,054; Feb. 16; Serial No. 207,859; published Nov. 24, 1925.
Duarte-Monrovia Citrus Association, Duarte, Calif. Oranges, lemons, and grapefruit. 209,257; Feb. 16; Serial No. 219,819; published Nov. 17, 1925.
Durable Petticoat Co., New York, N. Y. Silk bloomers and princess slips. 209,119; Feb. 16; Serial No. 220,943; published Nov. 17, 1925.
Eckerling Brothers, Chicago, Ill. Overalls and overall jackets. 209,155; Feb. 16; Serial No. 219,951; published Nov. 24, 1925.
Economy Service Corporation, Chicago, Ill. Paper napkins. 209,269; Feb. 16; Serial No. 219,171; published Nov. 24, 1925.
Edison Portland Cement Company, The, West Orange and New Village, N. J. Portland cement. 53,657; renewed June 12, 1926.
Electrical Research Laboratories, Inc., Chicago, Ill. Radio receiving sets, loud speakers, plugs, etc. 209,010; Feb. 16; Serial No. 216,517; published Nov. 3, 1925.
Ellis-Jones Drug Company, Memphis, Tenn. Publication issued monthly. 209,024; Feb. 16; Serial No. 221,173; published Dec. 1, 1925.
Emerson Manufacturing Co., assignor to Emerson-Brantingham Company, Rockford, Ill. Plows, listers, and harrows. 49,232; renewed Jan. 30, 1926.
Etablissements Michel Potous S. A., Paris, France. Electric lamps for automobiles. 209,051; Feb. 16; Serial No. 189,845; published Nov. 3, 1925.
Eureka Fire Hose Company, Jersey City, N. J., assignor to Eureka Fire Hose Manufacturing Company, Jersey City, N. J., and New York, N. Y. Fabric hose. 48,656; renewed Jan. 9, 1926.
Eureka Fire Hose Company, Jersey City, N. J., assignor to Eureka Fire Hose Manufacturing Company, Jersey City, N. J., and New York, N. Y. Hose pipes, nozzles, gates, and couplings. 49,948; renewed Feb. 27, 1926.
Fajolo, Louis, doing business as Milan Cleanser Company, Cleveland, Ohio. Washing fluid. 209,240; Feb. 16; Serial No. 217,870; published Nov. 10, 1925.
Famous Features Syndicate, Inc., New York, N. Y. Newspaper feature articles. 209,276; Feb. 16; Serial No. 220,223; published Nov. 10, 1925.
Fearing, Whiton & Co. Inc., Boston, Mass. Cotton tablecloths, napkins, table runners, and doilies. 209,171; Feb. 16; Serial No. 213,704; published Nov. 24, 1925.
Federal Phosphorus Co., Anniston, Ala. Phosphoric acid, phosphoric-acid paste, monoammonium phosphate, monocalcium phosphate, and trisodium phosphate. 209,099; Feb. 16; Serial No. 218,618; published Nov. 24, 1925.
Firestone Steel Products Company, The, Akron, Ohio. Vehicle wheels and rims therefor. 209,064; Feb. 16; Serial No. 202,863; published Nov. 24, 1925.
Fleischmann Co., The; The Fleischmann Company, Cincinnati, Ohio, and New York, N. Y. Compressed yeast. 52,999; renewed May 22, 1926.
Flint-Rock Stucco Company, The, Ingomar and Dayton, Ohio. Stucco and plaster. 209,215; Feb. 16; Serial No. 217,926; published Nov. 17, 1925.

Forrester, John D., Kansas City, Mo., assignor to American Asphalt Company, Dallas, Tex. Asphalt, hydraulic cement, hydrated lime, etc. 209,182; Feb. 16; Serial No. 218,910; published Nov. 17, 1925.
Frank C. Weber and Co.; Frank C. Weber & Company, Chicago, Ill. Canned fruits and vegetables. 49,650; renewed Feb. 13, 1926.
Frankenberg, Henry E., Company, assignor to John A. Kraemer Co., Inc., New York, N. Y. Woolen, worsted, and mohair yarns. 52,442–3; renewed May 8, 1926.
Franklin Knitting Mills, Inc., New York, N. Y. Woolen sweaters. 209,174; Feb. 16; Serial No. 212,489; published Nov. 24, 1925.
Freeman-Smart Company, Chicago, Ill. Monthly magazine. 209,250; Feb. 16; Serial No. 216,863; published Nov. 3, 1925.
French Battery & Carbon Company, Madison, Wis. Dry batteries. 209,059; Feb. 16; Serial No. 206,951; published Nov. 3, 1925.
G & G Kynoch Limited, London, England, and Keith, Scotland. Cloths and stuffs of wool, worsted, and hair. 209,090; Feb. 16; Serial No. 219,338; published Nov. 24, 1925.
Garvey, Katherine Z., doing business as Specification Oil Company, Providence, R. I. Lubricating oil and greases. 209,069; Feb. 16; Serial No. 201,805; published Aug. 18, 1925.
Gerhardt, Jacob, & Sons, New York, N. Y. Shirts and pyjamas. 209,000; Feb. 16; Serial No. 210,789; published Nov. 24, 1925.
Gibson, Lewis W., doing business as Gibson Mfg. Co., Philadelphia, Pa. Cleaning compound for fabric and leather. 209,247; Feb. 16; Serial No. 217,222; published Nov. 10, 1925.
Gilmore Oil Company, Los Angeles, Calif. Kerosene, fuel oils, gasoline, etc. 209,057; Feb. 16; Serial No. 207,501; published Nov. 3, 1925.
Gluck & Cohen, New York, N. Y. Ladies' and misses' undergarments made of textile and knitted fabrics. 209,052; Feb. 16; Serial No. 208,976; published Nov. 24, 1925.
Goodall Rubber Company, Philadelphia, Pa. Grease-pump hose. 209,040; Feb. 16; Serial No. 214,594; published Dec. 8, 1925.
Gould Coupler Co., assignor, by mesne assignments, to The Gould Coupler Company, New York, N. Y. Car couplings, car buffers, and draft gears, and parts thereof. 50,443; renewed Mar. 20, 1926.
Graham, Edward A., doing business as Alfred Graham & Co., London, England. Cabinet loud speakers, radio receiving sets, and parts thereof. 209,210; Feb. 16; Serial No. 217,768; published Nov. 3, 1925.
Graham Paper Company, St. Louis, Mo. Wrapping paper. 209,279; Feb. 16; Serial No. 219,959; published Nov. 3, 1925.
Granger, A. D., Co., New York, N. Y. Water-tube boilers. 53,654; renewed June 12, 1926.
Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Piece goods made of silk and cotton, and mixtures thereof. 209,173; Feb. 16; Serial No. 212,552; published Nov. 24, 1925.
Great Six Overalls, Inc., Winona, Minn. Overalls and one-piece work suits. 209,113; Feb. 16; Serial No. 220,211; published Nov. 17, 1925.
Grebe, A. H., & Co., Inc., Richmond Hill, N. Y. Transformers and inductances. 209,047; Feb. 16; Serial No. 206,302; published Nov. 3, 1925.
Greenberg, Charles, New York, N. Y. Men's shirts and boys' blouses. 209,019; Feb. 16; Serial No. 221,314; published Nov. 24, 1925.
Greene, Tweed & Co., New York, N. Y. Packing. 53,420; renewed June 5, 1926.
Gude, Dr. A., & Co. G. m. b. H., Leipzig, Germany, assignor to M. J. Breitenbach Company, New York, N. Y. Certain named medicine. 52,472; renewed May 8, 1926.
Gulden, Charles, New York, N. Y., assignor to Mawer-Gulden-Annis Inc., Brooklyn, N. Y. Olives. 53,099; renewed May 29, 1926.
Gulf Refining Company, Port Arthur, Tex., and Pittsburgh, Pa. Domestic lubricant. 209,106; Feb. 16; Serial No. 216,675; published Nov. 10, 1925.
H-A-S Coffee Company, St. Louis, Mo. Teas, spices, flavoring extracts, vinegar, and mustard. 209,102; Feb. 16; Serial No. 218,483; published Nov. 24, 1925.
Habenschaden, Peter, New York, N. Y. Food-flavoring extracts. 209,150; Feb. 16; Serial No. 220,341; published Nov. 24, 1925.
Haco-Gesellschaft A.-G. Bern, Gumligen, Switzerland. Condiments, sauces, bouillon cubes, and soup tablets. 209,045; Feb. 16; Serial No. 208,810; published Nov. 17, 1925.
Hagan & Dodd Co., Atlanta, Ga. Ginger ale. 53,598; renewed June 5, 1926.
Hamill, S., Company, Keokuk, Iowa. Canned fruits and vegetables. 52,936; renewed May 22, 1926.
Harding, Arthur R., Columbus, Ohio. Monthly magazine. 209,144; Feb. 16; Serial No. 220,529; published Nov. 24, 1925.
Harris, Morris, Los Angeles, Calif. Bank checks and deposit books. 209,236; Feb. 16; Serial No. 218,411; published Nov. 24, 1925.
Hart, E. J., & Co. Limited, New Orleans, La. Remedies for stomach, intestinal, and bowel disorders. 52,250; renewed May 1, 1926.
Hart, Schaffner & Marx, Chicago, Ill. Men's suits and coats. 209,134; Feb. 16; Serial No. 221,255; published Nov. 24, 1925.
Hashemesh Inc., New York, N. Y. Soap and scouring powder. 209,249; Feb. 16; Serial No. 216,978; published Nov. 3, 1925.
Hawaiian Pineapple Company, Ltd., San Francisco, Calif., and Iwilei, Hawaii. Marmalade and fruit butter. 209,194; Feb. 16; Serial No. 187,677; published June 3, 1924.
Hawley & Hoops. (See Slauson, A., & Co.)
Hawley & Hoops, New York, N. Y. Cocoa and chocolate. 54,008; renewed June 19, 1926.
Hazzard, C. R., Seattle, Wash. Hosiery. 209,004; Feb. 16; Serial No. 164,706; published Nov. 24, 1925.
Held, Frank, Tractor Co., The, Columbus, Ohio. Power sprayers. 209,076; Feb. 16; Serial No. 221,961; published Dec. 8, 1925.
Heller, George W., Inc., New York, N. Y. Vests. 209,117; Feb. 16; Serial No. 220,609; published Nov. 12, 1925.
Hengerer, William, Company, The, Buffalo, N. Y. Hosiery. 209,089; Feb. 16; Serial No. 219,427; published Nov. 24, 1925.
Hengerer, William, Company, The, Buffalo, N. Y. Hosiery. 209,266; Feb. 16; Serial No. 219,429; published Nov. 10, 1925.
Hengerer, William, Company, The, Buffalo, N. Y. Hosiery. 208,993; Feb. 16; Serial No. 219,428; published Nov. 24, 1925.
Hess, Dr., & Clark; Dr. Hess & Clark, Inc., Ashland, Ohio, successor. Food and medicine for poultry. 51,558; renewed Apr. 17, 1926.
Hildreth, Herbert L., assignor to H. L. Hildreth Company, Boston, Mass. Candy. 52,070; renewed May 1, 1926.
Hind & Harrison Plush Company, The, Clark Mills and New York, N. Y. Labels and tags. 209,237; Feb. 16; Serial No. 218,121; published Nov. 17, 1925.
Höding, Max H. W., Hamburg, Germany. Packing material for steam, water, and gas joints. 209,036; Feb. 16; Serial No. 218,969; published Dec. 1, 1925.
Holley, Chas. E., doing business as Holley Realty Company, Bessemer, Ala. Bricks. 209,154; Feb. 16; Serial No. 220,025; published Nov. 17, 1925.
Hotchkiss, E. H., Company, The, Norwalk, Conn. Strips of united staples. 53,216; renewed May 29, 1926.
Howe & Howe, Boston, Mass. Dress, bosom, and negligee shirts. 49,712; renewed Feb. 13, 1926.
Hudnut, Richard, New York, N. Y. Talcum, tooth paste, face powder, cold cream, etc. 209,124; Feb. 16; Serial No. 221,746; published Nov. 24, 1925.
Hunter Arms Co., The; Hunter Arms Co., Fulton, N. Y., successor. Guns and parts thereof. 45,243; renewed Aug. 8, 1925.
Hunter Arms Co., The; Hunter Arms Co. Inc., Fulton, N. Y., successor. Guns and parts thereof. 45,245–8; renewed Aug. 8, 1925.
Hunter Arms Co., The; Hunter Arms Co. Inc., Fulton, N. Y., successor. Guns and the parts thereof. 45,336; renewed Aug. 15, 1925.
Hunter Arms Co., The; Hunter Arms Co. Inc., Fulton, N. Y., successor. Guns and parts thereof. 45,488; renewed Aug. 22, 1925.
Illinois Crop Improvement Association, Urbana, Ill. Field seeds. 209,056; Feb. 16; Serial No. 207,680; published Nov. 10, 1925.
Incandescent Supply Company, New York, N. Y. Radio receiving and sending sets and parts thereof. 209,005; Feb. 16; Serial No. 217,560; published Nov. 3, 1925.
Insulite Co., The, International Falls and Minneapolis, Minn. Plaster base, wall boards, and sheathing. 209,192; Feb. 16; Serial No. 201,087; published Nov. 3, 1925.
International Pulp Co., New York, N. Y. Pulp. 48,346; renewed Dec. 26, 1925.
Iron Age Publishing Company, New York, N. Y. Catalogue published periodically. 209,168; Feb. 16; Serial No. 214,421; published Nov. 24, 1925.
Italian Swiss Colony; California Wine Association, San Francisco, Calif., successor. Wine. 50,096–7; renewed Mar. 6, 1926.
J. H. Epstein A. G., Niederrad, Frankfort, Germany. Colored leather. 209,282; Feb. 16; Serial No. 219,822; published Nov. 10, 1925.
Jack Frost Baking Powder Co., St. Louis, Mo., assignor to F. B. Chamberlain Company, East St. Louis, Ill., and St. Louis, Mo. Baking powder. 50,616; renewed Mar. 27, 1926.
Jaeckel, H., & Sons, Inc., New York, N. Y. Fur capes, wraps, scarfs, etc. 209,241; Feb. 16; Serial No. 217,673; published Nov. 10, 1925.
Johnson Woolen Mills. (See Pearl, I. L., & Co.)
Karlsruher Parfumerie- und Toilettenseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung, Karlsruhe, Germany. Toilet soap and shaving powder. 209,118; Feb. 16; Serial No. 220,728; published Nov. 17, 1925.
Karlsruher Parfumerie- und Toilettenseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung, Karlsruhe, Germany. Toilet soap and shaving powder. 209139; Feb. 16; Serial No. 220,726; published Nov. 17, 1925.

Karlsruher Parfumerie- und Toiletteseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung, Karlsruhe, Germany. Toilet soap and shaving powder. 209,140; Feb. 16; Serial No. 220,725; published Nov. 17, 1925.

Karlsruher Parfumerie- und Toiletteseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung, Karlsruhe, Germany. Toilet soap and shaving powder. 209,141–2; Feb. 16; Serial Nos. 220,822–3; published Nov. 17, 1925.

Karlsruher Parfumerie- und Toiletteseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung, Karlsruhe, Germany. Toilet soap and shaving powder. 209,143; Feb. 16; Serial No. 220,720; published Nov. 17, 1925.

Kelsey-Wilton Textile Corporation, New York, N. Y. Cotton piece goods. 209,095; Feb. 16; Serial No. 218,920; published Nov. 24, 1925.

Kemp-Booth Company Limited, Seattle, Wash. Woolen goods in the piece. 209,018; Feb. 16; Serial No. 221,369; published Nov. 24, 1925.

Kennedy, Walter J., doing business as W. J. Kennedy Publishing Co., New York, N. Y. Publications issued from time to time. 209,260; Feb. 16; Serial No. 219,670; published Nov. 24, 1925.

Kidd, Belle N., Vancouver, Wash. Bath mitts. 209,070; Feb. 16; Serial No. 200,452; published Nov. 24, 1925.

King, Charles, & Son; Chas. King & Son Company, Inc., Alexandria, Va., successor. Wheat flour. 51,498; renewed Apr. 17, 1926.

Kirk, James S., & Company, Chicago, Ill., assignor to G. E. Brignall, doing business as Lite Soap Company, Aurora, Ill. Soap. 209,158; Feb. 16; Serial No. 216,346; published Oct. 6, 1925.

Kitzinger, Harry, doing business as Harry Kitzinger & Company, New York, N. Y. Coats and wraps. 209,251; Feb. 16; Serial No. 216,839; published Nov. 24, 1925.

Kleinert, I. B., Rubber Company: I. B. Kleinert Rubber Company, New York, N. Y., successor. Dress shields. 52,549; renewed May 15, 1926.

Kleinert, I. B., Rubber Company; I. B. Kleinert Rubber Company, New York, N. Y., successor. Hose supporters. 52,550; renewed May 15, 1926.

Kleinert, I. B., Rubber Company; I. B. Kleinert Rubber Company, New York, N. Y., successor. Dress shields. 52,571–5; renewed May 15, 1926.

Knickerbocker Chocolate Co., New York, N. Y. Sweet milk chocolate. 209,175; Feb. 16; Serial No. 210,847; published Nov. 17, 1925.

Kohn, Jacob, doing business as Standard Textile Company, Memphis, Tenn. Work shirts (men's). 209,058; Feb. 16; Serial No. 207,412; published Nov. 10, 1925.

Kona Coffee Company, The, Honolulu, Hawaii. Coffee. 209,214; Feb. 16; Serial No. 218,705; published Nov. 17, 1925.

Kraemer, John A., Co. (See Frankenberg, Henry E., assignor.)

Krone & Jacobson, Inc., New York, N. Y. Silks and silk mixtures in the piece. 209,166; Feb. 16; Serial No. 214,965; published Nov. 24, 1925.

La Glycine Watch Factory, Bienne, Switzerland. Watches and timepieces. 209,007; Feb. 16; Serial No. 217,348; published Nov. 3, 1925.

Lambert, Mose H., New Haven, Conn. Shirts, collars, and cuffs. 52,037; renewed May 1, 1926.

Lancaster Vinegar Co. (See Ransing, E. A., Sons.)

Landis Machine Company, St. Louis, Mo. Machine needles and awls. 209,030; Feb. 16; Serial No. 220,240; published Dec. 1, 1925.

Landis Machine Company, St. Louis, Mo. Lubricating oils and greases. 209,031; Feb. 16; Serial No. 220,239; published Dec. 1, 1925.

Lansdell & Willson, Limited, London, England. Ladies' coats, cloaks, wraps, capes, etc. 209,167; Feb. 16; Serial No. 214,876; published Nov. 10, 1925.

Larrowe Milling Company, The, Detroit, Mich. Poultry feed. 209,254; Feb. 16; Serial No. 220,197; published Nov. 24, 1925.

Lefas, Stephen D., doing business as Columbia Orange Crush Bottling Company, Washington, D. C. Beverages sold as soft drinks. 209,025; Feb. 16; Serial No. 221,120; published Dec. 1, 1925.

Lesser and Oppenheimer Inc., New York, N. Y. Shirts, pyjamas, and blouses. 209,136; Feb. 16; Serial No. 221,122; published Nov. 24, 1925.

Lewis & Ferro, Inc., New York, N. Y. Preparation for coating wall board, walls, etc. 209,205; Feb. 16; Serial No. 219,252; published Nov. 3, 1925.

Lindsay, James C., Hardware Co., Pittsburgh, Pa. Pocket and butcher knives. 53,754; renewed June 12, 1926.

Lite Soap Company. (See Kirk, James S., & Company.)

Lito-Fone Company, Inc., New York, N. Y. Vehicle signals. 209,049; Feb. 16; Serial No. 201,036; published Nov. 3, 1925.

Long's Hat Stores. (See Lustig Bros., assignor.)

Loomis, W. H., Talc Corporation, Gouverneur, N. Y. Special talc used primarily in waterproofing and strengthening concrete. 209,108; Feb. 16; Serial No. 219,592; published Nov. 17, 1925.

Loose-Wiles Biscuit Company, Long Island City, N. Y. Cheese crackers. 209,085; Feb. 16; Serial No. 221,264; published Dec. 1, 1925.

Lower & Co., Inc., New York, N. Y. Lip sticks. 209,105; Feb. 16; Serial No. 216,685; published Nov. 24, 1925.

Luden, Wm. H., Inc., Reading, Pa. Medicated cough drops. 209,296; Feb. 16.

Lumen Bearing Company, Buffalo, N. Y. Nonferrous alloys. 49,950; renewed Feb. 27, 1926.

Lustig Bros., assignor to Long's Hat Stores, New York, N. Y. Hats. 53,253; renewed May 29, 1926.

Macbean, Edward, & Company Limited, Glasgow, Scotland. Coats, jackets, waistcoats, trousers, caps, and hats. 208,986; Feb. 16; Serial No. 221,125; published Nov. 24, 1925.

Macfadden Publications, Incorporated, New York, N. Y. Daily publication. 209,132; Feb. 16; Serial No. 219,635; published Nov. 10, 1925.

Macfadden Publications, Incorporated, New York, N. Y. Magazine publications. 209,185; Feb. 16; Serial No. 218,191; published Nov. 3, 1925.

Macy, R. H., & Co., Inc., New York, N. Y. Women's knitted underwear. 209,157; Feb. 16; Serial No. 216,418; published Nov. 10, 1925.

Maginnis Cotton Mills. (See Benjamin, E. V., Company, Inc., The.)

Maline Mills Company, The, Winston-Salem, N. C. Knit underwear. 209,001; Feb. 16; Serial No. 204,918; published Nov. 17, 1925.

Marroquin, Carlos C., San Antonio, Tex. Salve. 209,114; Feb. 16; Serial No. 220,313; published Nov. 24, 1925.

Martin, George, Leather Co., Milwaukee, Wis. Calfskin. 53,783; renewed June 12, 1926.

Martin-Page Co., Middlesboro, Ky. Garters and overall suspenders. 209,035; Feb. 16; Serial No. 219,899; published Nov. 24, 1925.

Marva Garment Company. (See Burgess-Johnson-Webb Corporation.)

Marzoli, Andrew, West Hoboken, N. J. Artificial stone. 208,989; Feb. 6; Serial No. 220,732; published Nov. 24, 1925.

Massachusetts Cotton Mills, Lowell, Mass.; Massachusetts Cotton Mills, Lowell and Boston, Mass. Cotton piece goods. 48,484; renewed Jan. 2, 1926.

Massachusetts Cotton Mills, Lowell, Mass.; Massachusetts Cotton Mills, Lowell and Boston, Mass. Cotton piece goods. 48,503; renewed Jan. 2, 1926.

Massachusetts Cotton Mills, Lowell, Mass.; Massachusetts Cotton Mills, Lowell and Boston, Mass. Cotton piece goods. 48,639; renewed Jan. 9, 1926.

Massachusetts Cotton Mills, Lowell, Mass; Massachusetts Cotton Mills, Lowell and Boston, Mass. Cotton piece goods. 49,077; renewed Jan. 23, 1926.

Massachusetts Cotton Mills, Lowell, Mass.; Massachusetts Cotton Mills, Lowell and Boston, Mass. Cotton piece goods. 49,211–12; renewed Jan. 23, 1926.

Massachusetts Cotton Mills, Lowell, Mass.; Massachusetts Cotton Mills, Lowell and Boston, Mass. Cotton piece goods. 49,288; renewed Jan. 30, 1926.

Massachusetts Cotton Mills, Lowell, Mass.; Massachusetts Cotton Mills, Lowell and Boston, Mass. Drillings and sheetings. 49,440; renewed Feb. 6, 1926.

Massachusetts Cotton Mills, Lowell, Mass.; Massachusetts Cotton Mills, Lowell and Boston, Mass. Cotton piece goods. 49,718–20; renewed Feb. 13, 1926.

Mawer-Guilden-Annis Inc. (See Gulden, Charles, assignor.)

McCoy, James J., jr., New York, N. Y. Radio receiving sets and parts thereof. 209,243; Feb. 16; Serial No. 217,524; published Nov. 3, 1925.

McLaughlin Gormley King Co., Minneapolis, Minn. Camphorated oil, Rochelle salt, tincture of iodine, etc. 209,289; published Feb. 16, 1926.

McLaughlin, Howard B., doing business as McLaughlin Co., Canton, Ohio. Electric stop and direction signal lights. 209,043; Feb. 16; Serial No. 211,175; published Nov. 3, 1925.

Menard, Robert P., Macon, Ga. Remedy for croup and colds. 50,791; renewed Mar. 27, 1926.

Metal Textile Corporation, West Orange, N. J. Scouring cloths. 209,259; Feb. 16; Serial No. 219,753; published Nov. 3, 1925.

Mettler Fruit Co., Shafter, Calif. Fresh deciduous fruits and fresh grapes. 209,220; Feb. 16; Serial No. 216,922; published Nov. 17, 1925.

Milan Cleanser Company. (See Fajolo, Louis.)

Miller-Rose Company, La Crosse, Wis. Eggs. 209,083; Feb. 16; Serial No. 221,270; published Dec. 1, 1925.

Miller-Rose Company, La Crosse, Wis. Butter. 209,084; Feb. 16; Serial No. 221,269; published Dec. 1, 1925.

Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton, silk, and linen goods and mixtures of cotton and silk and linen and silk. 209,152; Feb. 16; Serial No. 220,246; published Nov. 24, 1925.

Minwax Company, Inc., New York, N. Y., and Chicago, Ill. Asphalt product used as coating, waterproofing, roofing, etc. 208,996; Feb. 16; Serial No. 218,131; published Nov. 24, 1925.

Mitchell & Dillon Coal Company, Chicago, Ill. Coal. 209,109; Feb. 16; Serial No. 219,675; published Nov. 17, 1925.

Modern Office Devices, Inc., New York, N. Y. Binders or files. 209,283; Feb. 16; Serial No. 219,755; published Nov. 3, 1925.

Modern Pure Food Products Co., Providence, R. I. Malt extracts. 209,078; Feb. 16; Serial No. 221,494; published Dec 1, 1925.

Mohawk Electric Corporation, Chicago, Ill. Vernier dials for radio apparatus. 209,204; Feb. 16; Serial No. 219,254; published Nov. 3, 1925.

Montres Era & Viso, C. Ruefli-Flury & Cie. Société Anonyme, Bienne, Switzerland. Watches and clocks, movements, cases, dials, and parts thereof. 209,006; Feb. 16; Serial No. 217,356; published Nov. 3, 1925.

Moore Pen Company, The, Boston, Mass. Fountain pens and pencils. 209,274; Feb. 16; Serial No. 220,559; published Nov. 3, 1925.

Morgan Manufacturing Company, Inc., The, Keene, N. H. Electrical signal and tail lights for automobiles. 209,207; Feb. 16; Serial No. 218,270; published Nov. 3, 1925.

Morgan, Waller V., Mount Vernon, N. Y. Metal polish. 209,001; Feb. 16; Serial No. 202,514; published Nov. 24, 1925.

Morning Telegraph Company, New York, N. Y. Nom de plume for a particular column of news in newspaper. 209,261; Feb. 16; Serial No. 219,548; published Nov. 24, 1925.

Morning Telegraph Company, New York, N. Y. Nom de plume for particular column of news in newspaper. 209,262; Feb. 16; Serial No. 219,544; published Nov. 24, 1925.

Mountain View Fruit Association, Ontario, Calif. Fresh citrous and deciduous fruits. 209,191; Feb. 16; Serial No. 209,857; published June 16, 1925.

Mulligan, Francis, Belfast, Ireland. Cement and plaster. 209,180; Feb. 16; Serial No. 219,194; published Nov. 3, 1925.

Murphy, George S., Inc., New York, N. Y. Jams, jellies, marmalades, etc. 209,195; Feb. 16; Serial No. 184,510; published July 8, 1924.

Mutual Benefit Health & Accident Association. (See Orwall, S. L.)

Myers, Charles R., Sebastopol, Calif. Wedding invitations, party and commercial announcements, business cards, etc. 209,244; Feb. 16; Serial No. 217,410; published Nov. 10, 1925.

Myers, F. E., & Brother, assignor to The F. E. Myers & Bro. Company, Ashland, Ohio. Water pumps. 52,274; renewed May 8, 1926.

Myers, F. E., & Bro., assignor to The F. E. Myers & Bro. Company, Ashland, Ohio. Hay carriers. 52,365; renewed May 8, 1926.

National Association of Inventors, Seattle, Wash. Monthly publication. 209,278; Feb. 16; Serial No. 219,980; published Nov. 10, 1925.

National Independent Oil Company, Inc., York, Pa. Gasoline. 209,033; Feb. 16; Serial No. 220,032; published Dec. 1, 1925.

National Net & Twine Co., Inc., East Haddam, Conn. Linen netting, sea-island-cotton gill netting, etc., and all kinds of twine used for fishing. 209,258; Feb. 16; Serial No. 219,756; published Nov. 10, 1925.

National Permanent Decorating Company, Mason City, Iowa. Men's and women's and boys' handkerchiefs. 209,288; Feb. 16.

Navicoal Corporation, Philadelphia, Pa. Fuel briquets. 209,197; Feb. 16; Serial No. 220,133; published Nov. 3, 1925.

Nelson Knitting Company, Rockford, Ill. Hosiery. 209,229–30; Feb. 16; Serial Nos. 199,294–5; published Nov. 17, 1925.

Never Leak Rubber Paint Company, Shreveport, La. Paint. 209,246; Feb. 16; Serial No. 217,229; published Nov. 17, 1925.

New Fiction Publishing Corporation, New York, N. Y. Monthly publication. 209,184; Feb. 16; Serial No. 218,197; published Nov. 10, 1925.

Ninety Six Cotton Mill, Ninety Six, S. C. Cotton piece goods. 53,560; renewed June 5, 1926.

Nobility Gloves, Inc., New York, N. Y. Gloves. 209,065; Feb. 16; Serial No. 202,563; published Nov. 17, 1925.

Nonspi Company, The, Kansas City, Mo. Lotion for use on chapped hands and face and after shaving. 209,091; Feb. 16; Serial No. 219,300; published Nov. 24, 1925.

Norton Company, Worcester, Mass. Aluminous abrasive grains, abrasive stones, grinding wheels, and crystalline alumina. 209,096–7; Feb. 16; Serial Nos. 218,867–8; published Nov. 17, 1925.

Oceano Products Company, Newark, N. J. Compounded medicinal tonic table water. 209,101; Feb. 16; Serial No. 218,571; published Nov. 24, 1925.

Oconomowoc Canning Co., Oconomowoc, Wis. Canned peas. 209,110; Feb. 16; Serial No. 219,905; published Nov. 17, 1925.

Old Colony Envelope Company, Westfield, Mass. Greeting and announcement cards. 209,268; Feb. 16; Serial No. 219,196; published Nov. 10, 1925.

Olds, Edward A., assignor to The Packer Manufacturing Company, Inc., New York, N. Y. Toilet and medicinal lotions. 53,525; renewed June 5, 1926.

Orwall, S. L., doing business as Mutual Benefit Health & Accident Association, Chicago, Ill. Magazine published weekly. 209,281; Feb. 16; Serial No. 219,836; published Nov. 10, 1925.

Owen Canning Company, Owen, Wis. Canned peas. 209,209; Feb. 16; Serial No. 218,201; published Sept. 15, 1925.

Pacific Brotherhood Investment Company, The, Seattle, Wash. Monthly magazine. 209,176; Feb. 16; Serial No. 219,406; Nov. 10, 1925.

Pacific Lime & Plaster Co., San Francisco, Calif. Hydrated lime. 209,122; Feb. 16; Serial No. 221,276; published Nov. 17, 1925.

Packer Manufacturing Company, The. (See Olds, Edward A., assignor.)

Palmer, Russell, New York, N. Y. Annual publication. 209,100; Feb. 16; Serial No. 218,572; published Nov. 17, 1925.

Panther Oil & Grease Mfg. Co., Fort Worth, Tex. Lubricating oils and greases. 209,149; Feb. 16; Serial No. 230,356; published Nov. 17, 1925.

Patent Cereals Company, The, Geneva, N. Y. Wall size. 209,151; Feb. 16; Serial No. 220,249; published Nov. 24, 1925.

Pearl, I. L., & Co.; D. A. Barrows, doing business as Johnson Woolen Mills, Johnson, Vt., successors. Trousers. 51,619; renewed Apr. 17, 1926.

Peele, Willis J., doing business as Real Seal Co., Chicago, Ill. Jar caps or closures. 209,183; Feb. 16; Serial No. 218,203; published Nov. 10, 1925.

Peirce, O. W., Company, La Fayette, Ind. Jar rubbers. 209,028; Feb. 16; Serial No. 220,799; published Dec. 1, 1925.

Peirce, Thomas F., & Son, Providence, R. I. Leather boots and shoes. 52,760; renewed May 15, 1926.

Pendergast Candy Company, Minneapolis, Minn. Candy and candy bars. 208,995; Feb. 16; Serial No. 218,998; published Nov. 24, 1925.

Peninsular Paper Co., Ypsilanti, Mich. Book and cover paper. 52,731; renewed May 15, 1926.

Pennsylvania Baking Company, Scranton, Pa. Ginger snaps. 52,523; renewed May 8, 1926.

Peterman, Wm., Inc., Passaic, N. J., and New York, N. Y. Insecticide. 209,294–5; renewed Feb. 16, 1926.

Peters Manufacturing Company, Quincy, Mass. Buffing wheels. 209,239; Feb. 16; Serial No. 217,896; published Nov. 3, 1925.

Philips-Jones Corporation, New York, N. Y. Men's shirts, underwear, and pyjamas. 208,990; Feb. 16; Serial No. 220,675; published Nov. 24, 1925.

Pickering Governor Co., The, Portland, Conn. Engine governors. 51,569; renewed Apr. 17, 1926.

Pilot Electric Manufacturing Company, Inc., The, Brooklyn, N. Y. Fixed and variable condensers for radio reception devices. 209,206; Feb. 16; Serial No. 218,776; published Nov. 3, 1925.

Pocahontas Oil Company, The, Cleveland, Ohio. Gasoline. 209,073; Feb. 16; Serial No. 222,395; published Dec. 1, 1925.

Pond's Extract Company, New York, N. Y. Shampoo. 209,115–6; Feb. 16; Serial Nos. 220,359–60; published Nov. 24, 1925.

Prentiss, William, jr., doing business as California Almond Confections Company, Long Beach, Calif. Almonds, candy, and chocolate-coated almonds. 209,228; Feb. 16; Serial No. 200,580; published Mar. 24, 1925.

Preo, Richard A., Brooklyn, N. Y. Cleaning compound. 209,092; Feb. 16; Serial No. 219,086; published Nov. 17, 1925.

Price Trade Publishing Co., Inc., The, New York, N. Y. Monthly trade periodical. 209,077; Feb. 16; Serial No. 221,507; published Dec. 1, 1925.

Pure Asphalt Products Company, New Market, N. J., and New York, N. Y. Compound for sealing castiron soil, water, terra-cotta sewer-pipe joints, and the like. 209,048; Feb. 16; Serial No. 202,078; published Nov. 3, 1925.

Purity Paper Vessels Co., The, Baltimore, Md. Paper cans. 209,002; Feb. 16; Serial No. 200,777; published July 14, 1925.

Radio Corporation of America, New York, N. Y. Radio receiving sets. 209,050; Feb. 16; Serial No. 199,184; published Nov. 3, 1925.

Radiotive Corporation, Brooklyn, N. Y. Radio loud speakers, radio loud-speaking phonograph attachments, or adapters, etc. 209,041; Feb. 16; Serial No. 212,200; published Nov. 3, 1925.

Ransing, E. A., Sons, doing business as Lancaster Vinegar Co., Lancaster, Pa. Sauerkraut. 209,164; Feb. 16; Serial No. 215,220; published Nov. 17, 1925.

Raven Red Ash Coal Co., Inc., Red Ash, Va. Coal. 209,130; Feb. 16; Serial No. 219,606; published Nov. 10, 1925.

Rayon Publishing Corporation, New York, N. Y. Weekly publication. 209,128; Feb. 16; Serial No. 219,493; published Nov. 10, 1925.

Reach, A. J., Company, Philadelphia, Pa. Golf bags. 208,994; Feb. 16; Serial No. 219,350; published Dec. 1, 1925.

Ready Reference Publishing Co. Inc., The, New York, N. Y. Semiannual publications. 209,280; Feb. 16; Serial No. 219,843; published Nov. 10, 1925.

Real Seal Co. (See Peelle, Willis J.)

Red Diamond Clothing Co., St. Louis, Mo. Overalls, coats, and trousers. 51,154; renewed Apr. 3, 1926.

Red Seal Auto Top Dressing Co. (See Clayton, John M.)

Redmanol Chemical Products Company, Chicago, Ill. Condensation products of phenols and formaldehyde. 209,238; Feb. 16; Serial No. 218,086; published Oct. 6, 1925.

Remington Arms Company. (See Union Metallic Cartridge Company, assignor.)

Reo Car Co., assignor to Reo Motor Car Company, Lansing, Mich. Automobile vehicles. 54,722; renewed June 26, 1926.

Resas, Inc., New York, N. Y. Radio receiving sets. 209,044; Feb. 16; Serial No. 210,191; published Nov. 3, 1925.

Rheinisch-Westfalische Sprengstoff-Actien-Gesellschaft Koln, Cologne, Germany. Electrical apparatus and supplies. 209,203; Feb. 16; Serial No. 219,411; published Nov. 3, 1925.

Rice-Stix Dry Goods Company, St. Louis, Mo. Overalls, pants, shirts, underwear, etc. 209,267; Feb. 16; Serial No. 219,306; published Nov. 17, 1925.

Rich, Nathan H., & Bro., New York, N. Y. Cotton piece goods, silk piece goods, and mixtures thereof. 209,017; Feb. 16; Serial No. 221,382; published Nov. 24, 1925.

Richmond Dry Goods Co., Inc., Richmond, Va. Hosiery. 209,098; Feb. 16; Serial No. 218,829; published Nov. 24, 1925.

Riggi Bros., Inc., Brooklyn, N. Y. Filled chocolates. 209,060; Feb. 16; Serial No. 205,712; published Nov. 24, 1925.

Roach, W. R., & Co., Grand Rapids, Mich. Canned fruits and vegetables. 209,224; Feb. 16; Serial No. 214,926; published July 14, 1925.

Rochman, Tobias T., New York, N. Y. Bow ties. 209,170; Feb. 16; Serial No. 214,034; published Nov. 24, 1925.

Rosenblum, Julie, Inc., New York, N. Y. Ladies' hats. 208,999; Feb. 16; Serial No. 216,073; published Oct. 27, 1925.

Ross, Herbert O., St. Louis, Mo. Card, indexing, record, and filling systems and materials and equipment therefor. 209,063; Feb. 16; Serial No. 203,840; published Nov. 10, 1925.

Ruud Manufacturing Company, Pittsburgh, Pa. Water heaters. 209,202; Feb. 16; Serial No. 219,497; published Nov. 3, 1925.

Safety Air Brake Company, Philadelphia, Pa. Air brakes and parts thereof. 209,222; Feb. 16; Serial No. 215,706; published Nov. 17, 1925.

St. Louis Meramec Canoe Company, Valley Park, Mo. Boats, canoes, paddles, cars, etc. 209,163; Feb. 16; Serial No. 215,599; published Nov. 10, 1925.

Schiffmann, R., Company, St. Paul, Minn.: R. Schiffmann Company, Los Angeles, Calif. Remedy for certain named diseases. 51,358; renewed Apr. 10, 1926.

Schilling, A., & Co., San Francisco, Calif. Coffee. 209,231; Feb. 16; Serial No. 173,728; published Nov. 17, 1925.

Schmidt, Carl E., and Company, Inc., Detroit, Mich. Leather. 209,213; Feb. 16; Serial No. 219,206; published Nov. 17, 1925.

Schneider & Hoffenberg, New York, N. Y. Boys' suits. 209,245; Feb. 16; Serial No. 217,298; published Nov. 10, 1925.

Scholl Manufacturing Company, Inc., Chicago, Ill. Preparation for the treatment of hard or soft corns or calli. 209,291; Feb. 16.

Schutter-Johnson Candy Co., Chicago, Ill. Candy. 209,211; Feb. 16; Serial No. 191,349; published Dec. 15, 1925.

Seaboard Crystal Company, New York, N. Y. Cleansing compound. 209,233; Feb. 16; Serial No. 218,577; published Nov. 17, 1925.

Shane, Norman A., Evansville, Ind. Horse-collar pads. 209,988; Feb. 16; Serial No. 220,923; published Nov. 24, 1925.

Sherman Radio Manufacturing Corporation, New York, N. Y. Radio receiving sets. 209,008; Feb. 16; Serial No. 217,232; published Nov. 3, 1925.

Shur-On Standard Optical Company, Inc., Geneva, N. Y. Machine for grinding the surfaces of lenses. 209,032; Feb. 16; Serial No. 220,148; published Dec. 1, 1925.

Siegel Brothers & Burnstine, New York, N. Y. Junior misses' coats. 209,265; Feb. 16; Serial No. 219,458; published Nov. 10, 1925.

Silverite Co., The, Boston, Mass. Heel cushions. 209,039; Feb. 16; Serial No. 214,753; published Nov. 17, 1925.

Simms, O., Manufacturing Co., New York, N. Y. Piano benches, bench and seat cushions, roll cabinets, and radiocabinets. 209,037; Feb. 16; Serial No. 218,217; published Dec. 1, 1925.

Simms, O., Manufacturing Co., New York, N. Y. Piano benches, bench and seat cushions, roll cabinets, and radiocabinets. 209,038; Feb. 16; Serial No. 218,215; published Dec. 1, 1925.

Six Wheels Incorporated, Los Angeles, Calif. Automobile trucks. 209,196; Feb. 16; Serial No. 220,622; published Nov. 3, 1925.

Skolnik, L. R., doing business as Skolnik Manufacturing Co., Minneapolis, Minn. Wall board, heat-insulating material, etc. 209,201; Feb. 16; Serial No. 219,608; published Nov. 3, 1925.

Slauson, A., & Co.: Hawley & Hoops, New York, N. Y., successor. Lozenges. 51,431-3; renewed Apr. 17, 1926.

Sougelas, Theodore, New York, N. Y. Olive oil. 209,138; Feb. 16; Serial No. 220,978; published Nov. 24, 1925.

Southard Robertson Company, Peekskill and New York, N. Y. Heaters, stoves, and ranges. 209,227; Feb. 16; Serial No. 205,961; published Oct. 27, 1925.

Sparks Milling Company, Alton, Ill. Wheat flour. 209,082; Feb. 16; Serial No. 221,284; published Dec. 1, 1925.

Specification Oil Company. (See Garvey, Katherine Z.)

Splitdorf Electrical Company, Newark, N. J. Electrical condensers. 209,009; Feb. 16; Serial No. 216,568; published Nov. 3, 1925.

Squire Dingee Co.: Squire Dingee Company, Chicago, Ill. Pickles. 53,500; renewed June 5, 1926.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 209,234; Feb. 16; Serial No. 218,506; published Nov. 24, 1925.

Standard Paper Manufacturing Co., Richmond, Va. White or colored bond writing paper coated on one side in white or colors. 209,162; Feb. 16; Serial No. 215,758; published Nov. 10, 1925.

Standard Textile Company. (See Kohn, Jacob.)

Stanley, Clark: Clark Stanley Snake Oil Liniment Co., Providence, R. I., successor. Liniment. 48,425; renewed Dec. 26, 1925.

Strathmore Paper Company, Mittineague, Mass. Book paper. 209,131; Feb. 16; Serial No. 219,614; published Nov. 3, 1925.

Sun Soap Products, Incorporated, Staten Island, New York, N. Y. Soap powders. 209,159; Feb. 16; Serial No. 216,300; published Nov. 10, 1925.

"Supertest" Limited, London, Ontario, Canada. Gasoline, kerosene, and lubricating oils and greases. 209,104; Feb. 16; Serial No. 217,969; published Nov. 10, 1925.

Susquehanna Silk Mills, New York, N. Y. Silk piece goods. 209,146-7; Feb. 16; Serial Nos. 220,374-5; published Nov. 24, 1925.

Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk and cotton piece goods. 209,148; Feb. 16; Serial No. 220,373; published Nov. 24, 1925.

Swift and Company, Chicago, Ill. Scouring powder. 209,055; Feb. 16; Serial No. 207,696; published Nov. 10, 1925.

Texas Portland Cement Co., Dallas, Tex. Portland cement. 209,225; Feb. 16; Serial No. 213,809; published Nov. 17, 1925.

Tootal Broadhurst Lee Company Limited, Manchester, England. Cotton piece goods. 209,016; Feb. 16; Serial No. 221,648; published Nov. 24, 1925.

Tower Manufacturing Corporation, Boston, Mass. Head sets, loud speakers, etc., for radio receiving sets. 209,046; Feb. 16; Serial No. 206,810; published Nov. 3, 1925.

Traylance Mfg. & Importing Co., Inc., New York, N. Y. Ladies' underwear of knitted fabric, and scarfs. 209,235; Feb. 16; Serial No. 218,437; published Nov. 10, 1925.

Tuttle, William S., doing business as Tuttle Law Print, Rutland, Vt. Typewriter paper. 209,178; Feb. 16; Serial No. 219,358; published Nov. 3, 1925.

Twining, E. S., & Company, New York, N. Y. Cotton, linen, or silk textile fabrics in the piece treated with rubber or other proofing material. 209,219; Feb. 16; Serial No. 217,191; published Nov. 17, 1925.

2-J Soap Co. Inc., Portland, Oreg. Soaps. 208,998; Feb. 16; Serial No. 216,751; published Nov. 24, 1925.

Underwood, William, Co., assignor to William Underwood Company, Boston, Mass. Deviled entremets. 44,765; renewed July 25, 1925.

Union Metallic Cartridge Company, The, Bridgeport, Conn., and New York, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn., and Ilion and New York, N. Y. Cartridges and cartridge shells. 49,606; renewed Feb. 13, 1926.

Union Metallic Cartridge Company, The, Bridgeport, Conn., and New York, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn., and Ilion and New York, N. Y. Cartridges and cartridge shells. 49,610; renewed Feb. 13, 1926.

Union Metallic Cartridge Company, The, Bridgeport, Conn., assignor to Remington Arms Company, Inc., Bridgeport, Conn., and Ilion and New York, N. Y. Cartridges and metal and paper cartridge shells. 49,611; renewed Feb. 13, 1926.

Union Metallic Cartridge Company, The, Bridgeport, Conn., assignor to Remington Arms Company, Inc., Bridgeport, Conn., and Ilion and New York, N. Y. Cartridges and cartridge shells. 49,614; renewed Feb. 13, 1926.

Union Metallic Cartridge Company, The, Bridgeport, Conn., assignor to Remington Arms Company, Inc., Bridgeport, Conn., and Ilion and New York, N. Y. Gun and pistol cartridges and parts thereof. 49,616; renewed Feb. 13, 1926.

Unit Ventilation Co. Inc., College Point, N. Y. Ventilating units. 209,286; Feb. 16; Serial No. 219,701; published Nov. 10, 1925.

United States Rubber Company. (See Adams and Ford Company, The, assignor.)

United Trade Publishing Company, Chicago, Ill. Monthly magazine. 209,285; Feb. 16; Serial No. 219,702; published Nov. 10, 1925.

Vanderbilt Newspapers, Inc., Miami, Fla. Daily newspaper. 209,216; Feb. 16; Serial No. 217,488; published Nov. 24, 1925.

Vanderbilt, R. T., Company, Inc., New York, N. Y. Whiting, a carbonate of lime. 209,190; Feb. 16; Serial No. 214,039; published Nov. 3, 1925.

Van Tilburg, Vincent B., doing business as Van Tilburg Oil & Supply Co., Minneapolis, Minn. Washing powder. 209,255; Feb. 16; Serial No. 220,002; published Nov. 10, 1925.

Van Wart & Foreman, Los Angeles, Calif. Radioaerials. 209,208; Feb. 16; Serial No. 218,223; published Nov. 3, 1925.

Van Zandt's Inc., Troy, N. Y. Collars. 208,987; Feb. 16; Serial No. 221,081; published Nov. 24, 1925.

Voorhis, Charles D., Cambridge, Mass. Razor-blade holder. 209,034; Feb. 16; Serial No. 219,923; published Dec. 8, 1925.

W. & T. Metal Products Corporation, Detroit, Mich. Filing boxes. 209,112; Feb. 16; Serial No. 220,159; published Nov. 3, 1925.

Wallace, R., & Sons Mfg. Co., Wallingford, Conn. Knives, forks, and spoons which are made of steel and tinned. 48,527; renewed Jan. 2, 1926.

Wallace, Scott & Co., Limited, Cathcart, Glasgow, Scotland. Rainproof coats, hats, and caps, capes, jackets, etc. 209,169; Feb. 16; Serial No. 214,193; published Nov. 10, 1925.

Wander, Dr. A., S. A., Berne, Switzerland. Combination of cod-liver oil and malt extract in powder form. 209,014; Feb. 16; Serial No. 221,862; published Nov. 24, 1925.

Washburn Crosby Company, Minneapolis, Minn. Corn meal, semolina, and rye flour. 209,080; Feb. 16; Serial No. 221,296; published Dec. 1, 1925.

Washburn Crosby Company, Minneapolis, Minn. Stock and poultry feed. 209,081; Feb. 16; Serial No. 221,295; published Dec. 1, 1925.

Wells & Richardson Company, assignor to Wells & Richardson Company, Inc., Burlington, Vt. Preparations for coloring butter. 49,265; renewed Jan. 30, 1926.

Wellston Iron Furnace Company, The, Jackson, Ohio. Mortar. 209,015; Feb. 16; Serial No. 221,792; published Nov. 24, 1925.

Welsbach Light Company, Gloucester City, N. J., assignor to Welsbach Company, Gloucester, N. J. Gas burners and mantles therefor. 52,942; renewed May 22, 1926.

Wemett, Theodore A., Troy, N. Y. Preparation for the treatment of corns and calli. 209,293; Feb. 16, 1926.

West Lumber Company, Atlanta, Ga. Composition roofing, lumber, and shingles. 209,189; Feb. 16; Serial No. 216,808; published Nov. 10, 1925.

White, S. S., Dental Mfg. Co., The, Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia; The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Investment and impression compounds. 53,360; renewed May 29, 1926.

Whitney, Wabel & Co., assignor to The Whitney-Roth Shoe Co., Cleveland, Ohio. Boys' leather boots and shoes. 48,838; renewed Jan. 16, 1926.

Whittemore Brothers and Company, assignor to Whittemore Bros. Corp., Cambridge, Mass. Leather polish. 48,628; renewed Jan. 9, 1926.

Willey, C. A., Co., New York, N. Y.; C. A. Willey Company, Long Island City, N. Y. Paints and colors. 51,954; renewed Apr. 24, 1926.

Williams, J. H., & Co., Buffalo, N. Y. Wrenches. 209,075; Feb. 16; Serial No. 222,057; published Dec. 8, 1925.

Winston, Inc., Chicago, Ill. Monthly magazine. 209,127; Feb. 16; Serial No. 219,466; published Nov. 10, 1925.

Wolverine Brass Works, Grand Rapids, Mich. Ball cocks. 209,123; Feb. 16; Serial No. 221,524; published Nov. 24, 1925.

Wood, E. K., Lumber Company, San Francisco, Calif. Lumber, wood, sash, and doors, etc. 209,216; Feb. 16; Serial No. 217,315; published Nov. 3, 1925.

Woodruff, George W., doing business as Woodruff Manufacturing Company, Winder, Ga. Work shirts and overalls. 209,103; Feb. 16; Serial No. 218,441; published Nov. 10, 1925.

Wunderle, Philip, Philadelphia, Pa. Candy. 52,350; renewed May 8, 1926.

Wunderle, Philip, Philadelphia, Pa. Candy. 52,582; renewed May 15, 1926.

Wunderle, Philip, Philadelphia, Pa. Candy. 53,653; renewed June 5, 1926.

Wyoming Valley Paper Mill, Northumberland, N. H., and New York, N. Y. Toilet paper and paper towels. 209,284; Feb. 16; Serial No. 219,706; published Nov. 3, 1925.

Yankee Bottling Co., Washington, D. C. Beverages sold as soft drinks. 209,029; Feb. 16; Serial No. 220,694; published Dec. 1, 1925.

Yankee Tube Corporation, Newark, N. J. Radio vacuum tubes. 209,012; Feb. 16; Serial No. 214,987; published Nov. 3, 1925.

Yawman and Erbe Mfg. Co., Rochester, N. Y. Filing cabinets. 209,026; Feb. 16; Serial No. 221,042; published Dec. 1, 1925.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Admirola Chemical Co., New York, N. Y. Admirola Bleach Creme. For Bleach Crème. 29,927; Feb. 16.

Admirola Chemical Co., New York, N. Y. Admirola Beauty Soap. For Beauty Soap. 29,928; Feb. 16.

Admirola Chemical Co., New York, N. Y. Admirola Cold Cream. For Cold Cream. 29,929; Feb. 16.

Admirola Chemical Co., New York, N. Y. Admirola Vanishing Cream. For Vanishing Cream. 29,930; Feb. 16.

Amendola, Thomas M., doing business as T. M. Amendola and Co., Brawley, Calif. Desert Gold. For Cantaloupes. 29,931; Feb. 16.

Ardelle, Helen, Candy Company, Seattle, Wash. Lavender & Old Lace. For Candy. 29,932; Feb. 16.

Arrowhead Springs Corporation, Los Angeles, Calif. Arrowhead. For Ginger Ale. 29,933; Feb. 16.

Beggs, Stephen J., doing business as Lady Grey Company, Chicago, Ill. Lady Grey. For Perfume. 29,934; Feb. 16.

Bordo Mfg. Co., doing business as Royal Mix Company, Chicago, Ill. Royal Mix. For a Nonalcoholic Maltless Beverage Sold as a Soft Drink. 29,935; Feb. 16.

Campanella, Salvatore, doing business as S. Campanella Cigar Co., New York, N. Y. S C Co. For Cigars. 29,936; Feb. 16.

Champion Underwear Co., New York, N. Y. Princess Steppe. For Ladies' Underwear. 29,937; Feb. 16.

Chipman Knitting Mills, Easton, Pa. High and Low. For Hosiery. 29,938; Feb. 16.

Connell, Edward J., New Orleans, La. Remasan Blood Regulator. For Medicinal Preparations. 29,939; Feb. 16.

Dembinski, Louis, and Anna Dembinski, doing business as Jenny Maid Manufacturing Company, Saginaw, Mich. Jenny Maid Garment Lot, Size, Jenny Maid Mfg. Co., Saginaw, Mich. For Garments. 29,940; Feb. 16.

Exchange Orange Products Company, The, San Dimas, Calif. Cal-Ade. For an Orange Drink. 29,941; Feb. 16.

Exeter Citrus Association, Exeter, Calif. Skyrocket. For Fresh Oranges. 29,942; Feb. 16.

Fahlstrom, Adolph A., doing business as The R-Juna Cmpany, Minneapolis, Minn. R-Juna Skin Creme. For Skin Crème. 29,943; Feb. 16.

Fletcher, Wiest & Co., Los Angeles, Calif. Tastee. For Canned Pineapple. 29,944; Feb. 16.

Fletcher, Wiest & Co., Los Angeles, Calif. Sunny Sea. For Canned Pineapple. 29,945; Feb. 16.

Frisch, Emile, Chicago, Ill. Frisch Process. For Bread. 29,946; Feb. 16.

Gallagher, Thomas F., doing business as Gallagher Bros., Chicago, Ill. Pleasant Valley. For Butter. 29,947; Feb. 16.

Glore & Rick, San Diego, Calif. Morning Glory. For Tomatoes. 29,948; Feb. 16.

Hickman & Coward, Buffalo, N. Y. Equity Eggs. For Eggs. 29,949; Feb. 16.

Interwoven Stocking Company, New Brunswick, N. J. 'Twas The Night Before Christmas.' For Hosiery. 29,950; Feb. 16.

Jenny Maid Manufacturing Company. (See Dembinski, Louis and A.)

Keesecker, Frank C., Dubuque, Iowa. Mothgas. For Paradichlorbenzene, a Crysalline Substance. 29,951; Feb. 16.

Keltner, Minor M., Lima, Ohio. Keltner's Kel-O-Sis. For Medicine for Stomach and Intestinal Disturbances Caused by Hyperacidity. 29,952; Feb. 16.

Kidd and Company, Inc., Chicago, Ill. Kidd's Peanut Brittle Candy. For Peanut Brittle Candy. 29,953; Feb. 16.

Lady Grey Company. (See Beggs, Stephen J.)

Milani Co. Inc., The, Chicago, Ill. Milani's Special Roquefort Cheese Dressing. For Salad Dressing. 29,954; Feb. 16.

Mirkin & Levitt, Inc., New York, N. Y. Petite Dame Frocks. For Ladies' Dresses, Manufactured Solely for Use by Small Women. 29,955; Feb. 16.

R-Juna Company, The. (See Fahlstrom, Adolph A.)

Richards, Robert J., doing business as W. M. Watson & Co., Chicago, Ill. Morro Rock. For Lettuce. 29,956; Feb. 16.

Royal Mix Company. (See Bordo Mfg. Co.)

Samstag & Hilder Bros., Inc., New York, N. Y. C'Est-Tres-Chic. For Hair Nets. 29,957; Feb. 16.

Standard Bakers Supply Co. Inc., Brooklyn, N. Y. I X L Brand High Gluten Flour. For Flour. 29,958; Feb. 16.

Watson, W. M., & Co. (See Richards, Robert J.)

Wilson-Spear Co., Los Angeles, Calif. California Improved Boiler Metal Treatment. For Boiler Compound for Prevention of Deleterious Action of Waters When Used in Steam Boilers. 29,959; Feb. 16.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Beard, Robert N., Omaha, Neb. Wall Paper Roll. For Wall-Paper Hangings, Paints, and Supplies. 8,567; Feb. 16.

Cream of Wheat Co., Minneapolis, Minn. Free To Teachers—A New Plan for Teaching Health Habits From Kindergarten To High School. For Wheat Breakfast Food. 8,568; Feb. 16.

Cream of Wheat Co., Minneapolis, Minn. Child Specialists Advise. For Wheat Breakfast Food. 8,569; Feb. 16.

Eaton, Crane & Pike Co., Pittsfield, Mass. Something Novel. For Crane's Cordlinear. 8,570; Feb. 16.

Gaetano, Mrs. Louisa, and C. Martorelli, executors of the estate of R. Martorelli, New York, N. Y. Above All Others. For Food Products. 8,571; Feb. 16.

Graber, Earl J., Columbus, Ohio. Ya-Lo The Football Card Game. For the Football Card Game. 8,572; Feb. 16.

Grafeman-McIntosh Ice Cream Co., St. Louis, Mo. Grafeman-McIntosh Ice Cream Company, Perfection Ice Cream & Dairy Products, St. Louis, Mo. For Ice Cream and Dairy Products. 8,573; Feb. 16.

Liebich, G. L., Co., Chicago, Ill. The Over-Awl Kid. For Paint. 8,574; Feb. 16.

Martorelli, Charles. (See Gaetano, Mrs. L., and Martorelli.)

Moxie Co., The, Boston, Mass. Certificate Of Authority For a Beverage Called "Moxie." 8,575; Feb. 16.

Reid, Murdoch & Co., Chicago, Ill. From Vine To Glass Within An Hour. For Groceries. 8,576; Feb. 16.

Rosiinoid Mfg. Co. Inc., East Boston, Mass. Sun-Proof No-Glare Shields. For Eye Shields. 8,577; Feb. 16.

Tancill, Grace, St. Louis, Mo. Grace Tancill Dresses, Made To Individual Mensurements, 5117 Waterman Avenue, Saint Louis. For Dresses. 8,578; Feb. 16.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Air Novelty Works. (See Blanchard, John H.)

American Lead Pencil Company, New York, N. Y. Lead pencils and pencil protectors. 225,249; Feb. 16.

American Smelting & Refining Company, New York, N. Y., and San Francisco, Calif. Lead, solder, and babbitt, etc. 225,542; Feb. 16.

American Smelting & Refining Company, New York, N. Y. Lead, solder, and babbitt, etc. 225,544; Feb. 16.

Ankiarch Company, Inc., The, Lexington, Ky. Arch supports. 225,393; Feb. 16.

Apex Belt Co., Chicago, Ill. Belts for personal wear. 219,797; Feb. 16.

Appleton Company, Lowell, Mass. Cotton piece goods. 225,693; Feb. 16.

Asphalt Cold Mix Limited, London, England. Bituminous emulsions for use in road making, briquetting, etc. 216,377; Feb. 16.

Auringer, Christian P., doing business as Auringer Coffee Company, Kingston, N. Y. Coffee. 221,401; Feb. 16.

Auto-Magic Fire Killer Co., The. (See Pratt, Ross H.)

Bakelite Corporation, New York, N. Y. Phonograph records and rosaries made of condensation products of phenols and formaldehyde. 212,527; Feb. 16.

Bakelite Corporation, New York, N. Y. Buttons and buckles for personal wear. 222,157; Feb. 16.

Barrett, John W., doing business as Barrett Produce Company, Stockton, Calif. Potatoes in their natural state. 224,072; Feb. 16.

Beckley-Cardy Company, Chicago, Ill. Blackboards. 215,115; Feb. 16.

Belamose Corporation, The, Rocky Hill, Conn. Rayon in the form of yarn or thread for manufacturing and other purposes. 223,429; Feb. 16.

Bergmann, Frank H., Chicago, Ill. Preparation for waterproofing cement or other porous building material. 224,229–30; Feb. 16

Berry Growers Packing Co., The, Gresham, Oreg. Canned berries. 199,668; Feb. 16.

Bessemer Limestone and Cement Company, Youngstown, Ohio. Cement. 224,172; Feb. 16.

Best-Clymer Co., The, St. Louis, Mo. Jams, jellies, and fruit preserves. 209,968; Feb. 16.

Blanchard, John H., doing business as Air Novelty Works, St. Louis, Mo. Novelty toy operated by blowing through a tube, causing a toy figure to rise and fall. 223,682; Feb. 16.

Blanke Baer Extract & Preserving Company, St. Louis, Mo. Jellies, jams, fruit butters, etc. 209,154; Feb. 16.

Blum, D., & Co., New York, N. Y. Dry-cleaning fluids. 223,998; Feb. 16.

Bochmann, F. A., & Co., Inc., Philadelphia, Pa. Worsted and woolen dress goods manufactured in the piece. 225,642; Feb. 16.

Brockmeyer, Harry, Cincinnati, Ohio. Children's toy vehicles. 222,782; Feb. 16.

Burdick Cabinet Company, Milton, Wis. Therapeutic lamps. 225,170; Feb. 16.

Buteau, Mary A., doing business as G. H. Buteau & Co., Valley Stream, N. Y. Breath tablets. 225,254; Feb. 16.

Buttonith Manufacturing Co., Los Angeles, Calif. Plaster lath. 168,915; Feb. 16.

Cardone, Generous, doing business as Pal-O-Mine Manufacturing Company, Brooklyn, N. Y. Hairdressing cream. 22,347; Feb. 16.

Carter, J. W., Company, Nashville, Tenn. Boots and shoes. 225,113; Feb. 16.

Christian-Able Company, Houston, Tex. Lubricating grease put up in bulk form. 214,399; Feb. 16.

Christian-Able Company, Houston, Tex. Grease in the form of a heavy lubricant. 214,400; Feb. 16.

Clark, L. Yancey, doing business as Georgia Pine Turpentine Company, New York, N. Y. Pure gum turpentine, steam-distilled turpentine, etc. 219,059; Feb. 16.

Climax Hosiery Mills, Athens, Ga. Men's half hose. 224,745; Feb. 16.

Cohn-Hall-Marx Co., New York, N. Y. Cotton fabrics, mixtures of cotton and silk, etc. 217,660; Feb. 16.

Cohn-Hall-Marx Co., New York, N. Y. Drapery fabrics of cotton, wool, etc. 223,621; Feb. 16.

Coley, Elizabeth A., Hawthorne, Calif. Salve for the treatment of burns, sprains, etc. 223,767; Feb. 16.

Connecticut Lime Co., The, Canaan, Conn. Lime for building purposes. 222,599; Feb. 16.

Cook, Charles F. W., doing business as Herbert & Whiting Company, Brooklyn, N. Y. Medicines. 224,904; Feb. 16.

Copeland, Harry A., Philadelphia, Pa. Sanitary mattress-protecting shield. 224,500; Feb .16.

Crossley, A. R., doing business as The Home Comfort Mfg. Co., Houston, Tex. Insecticides. 224,862; Feb. 16.

Dan-Say Baking Co., Inc., Brooklyn, N. Y. Italian bread sticks and bread. 224,599; Feb. 16.

Davega, Inc., New York, N. Y. Golf balls. 210,116; Feb. 16.

Dearborn Chemical Company, Chicago, Ill. Motor lubricating oils. 224,906; Feb. 16.

Deceleco, Inc., Detroit, Mich. Barriers for electric conductors and apparatus, etc. 224,695; Feb. 16.

Del Monte Properties Company, San Francisco, Calif. Roof tiling, etc. 220,114; Feb. 16.

De Martinis & Lorie, Inc., New York, N. Y. Ladies' hats. 223,286; Feb. 16.

Dennison, John M., New York, N. Y. Chemical heating bags. 224,750; Feb. 16.

Dixon, Joseph, Crucible Company, Jersey City, N. J. Pencils. 224,975; Feb. 16.

Duncan, Fay B., doing business as Mar-Les Polish Co., Hoquiam, Wash. Furniture polish. 218,746; Feb. 16.

Dunham Company, The, Berea, Ohio. Alloy of metals. 224,961; Feb. 16.

Dye and Chemical Company of Canada, Limited, Kingston, Ontario, Canada. Pigments for use in painting fabrics, glass, etc. 218,475; Feb. 16.

Esmond Mills, The, Esmond, Smithfield, R. I. Textile blankets and blanket material in the piece. 225,876; Feb. 16.

Fair Play Caramels, Inc., Johnson City, N. Y. Caramels. 218,056; Feb. 16.

Ferguson, Thomas R., doing business as Thos. R. Ferguson and Co., Chicago, Ill. Contract forms. 222,316; Feb. 16.

Filardi Bros., White Plains, N. Y. Weather strips. 224,700; Feb. 16.

Film Booking Offices of America, Inc., New York, N. Y. Motion-picture films. 213,561; Feb. 16.

Flatley, Joseph J., San Francisco, Calif. Canned fruits, fish, vegetables, etc. 225,654; Feb. 16.

Foley Bros. Grocery Co., St. Paul, Minn. Food flavoring extracts, tea, coffee, etc. 221,249; Feb. 16.

Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 224,377; Feb. 16.

Friedman, Arthur, Cleveland, Ohio. Relief valves. 225,411; Feb. 16.

Fruit Products Co., of Florida, Eagle Lake, Fla. Canned grapefruit. 225,088; Feb. 16.

Georgia Pine Turpentine Company. (See Clark L. Yancey.)

Girl Scouts, New York, N. Y. Loose-leaf binders and sheets therefor, writing tablets, writing paper, etc. 206,964; Feb. 16.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Goldberg, Isador, doing business as National Garter Co., New York, N. Y. Garters, arm bands, etc. 213,568; Feb. 16.

Goodwin, Frederick P., doing business as Goodwin & Company, Strawn, Ill. Washing compound and soap. 225,478; Feb. 16.

Grand View Heights Citrus Assn., Ultra, P. O. Terra Bella, Calif. Fresh citrous fruits. 221,363; Feb. 16.

Great American Tea Company, The, Brooklyn, N. Y. Soaps and cleaners. 209,084; Feb. 16.

Greig, William, Cashmere, Wash. Fresh apples. 223,712; Feb. 16.

Grueby Faience and Tile Company, Boston, Mass., and Philadelphia, Pa. Floor tiles, wall tiles, decorative construction tiles, etc. 224,185; Feb. 16.

Halladay, Clare E., Coffee Company, Battle Creek, Mich. Coffee and tea. 205,478; Feb. 16.

Hamilton, M. B., & Co., Leavenworth, Kans. Work gloves, mittens, etc. 221,827; Feb. 16.

Hart, Schaffner & Marx, Chicago, Ill. Men's suits and coats. 224,559; Feb. 16.

Hassel, Frank, doing business as The Mid-West Creamery, Plainview, Tex. Ice cream. 215,629; Feb. 16.

Herbert & Whiting Company. (See Cook, Charles F. W.)

Heustis, Bertha L., Harvard, Ill. Toy animals. 221,831; Feb. 16.

Higginbothsm-Bailey-Logan Company, Dallas, Tex., and New York, N. Y. Women's and children's underwear, outer wear. 205,272; Feb. 16.

Hoenigsberger, A., Chicago, Ill. Textile fabrics in the piece made of silk, etc. 221,745; Feb. 16.

Hoft, William I., Berwyn, Ill. Antiseptic and deodorant liquid for use as mouth wash, etc. 220,234; Feb. 16.

Home Comfort Mfg. Co., The. (See Crossley, A. R.)

Hug-Me-Tite Manufacturing Company. (See Livengood, Clarence J.)

Hunt, Edgar W., doing business as E. W. Hunt Candy Co., Framingham, Mass. Confection made from pop corn, coconut, and sirup. 222,568; Feb. 16.

Indiana Lamp Corporation, Connersville, Ind. Lens for automobile lamps. 219,280; Feb. 16.

Inland Fire Brick Co., The, Cleveland, Ohio. Cement prepared in powder form. 215,576; Feb. 16.

International Shoe Company, St. Louis, Mo. Boots and shoes of leather. 225,308; Feb. 16.

Jelke, John F., Company, Chicago, Ill. Oleomargarine. 207,379; Feb. 16.

Johnson, Kingfisher, Fairbury, Nebr. Fish bait. 206,410; Feb. 16.

Johnstone Laboratories, Inc., New York, N. Y. Laxative tablets. 224,915; Feb. 16.

Jones, Vess, New York, N. Y. Bakery products. 167,246; Feb. 16.

K. C. Chemical Company, Kansas City, Mo. Tire patches. 221,260; Feb. 16.

Kazes, George, Sioux City, Iowa. Cigarette papers. 225,228; Feb. 16.

Keene, Foxhall P., Monkton, Md. Pickles. 224,765; Feb. 16.

Kennon, J., & Sons Proprietary Limited, Richmond, near Melbourne, Victoria, Australia. Leather, unwrought skins, furs, etc. 216,733; Feb. 16.

King & Appelbaum, New York, N. Y. Ladies' and misses' hats. 214,667; Feb. 16.

King-Seeley Corporation, Ann Arbor, Mich. Liquid-level gauges. 223,042–3; Feb. 16.

Lalla, John F., Company, Chicago, Ill. Canned goods. 224,519; Feb. 16.

Lehigh Portland Cement Company, Allentown, Pa. Portland cement. 223,586; Feb. 16.

Levine & Jaffe, New York, N. Y. Cravats. 224,873; Feb. 16.

Linde, J. E., Paper Co., New York, N. Y. Toilet paper. 225,230; Feb. 16.

Livengood, Clarence J., doing business as Hug-Me-Tite Manufacturing Company, Winston-Salem, N. C. Tire patch for inner tubes, rubber boots, etc. 223,310; Feb. 16.

Logan-Pocahontas Fuel Company, Charleston, W. Va., and Cincinnati, Ohio. Coal. 224,463–5; Feb. 16.

Long's Hat Stores, New York, N. Y. Men's hats. 216,192; Feb. 16.

Madame X Company, Inc. (See Thompson-Barlow Company, Inc., assignor.)

Mar-Les Polish Co. (See Duncan, Fay B.)

McGuire, John C., Detroit, Mich. Castings, also rolled and hammered bars and forgings of carbon and alloy steels. 225,128; Feb. 16.

Metz, Edward J., Reading, Pa. Potato flakes. 222,389; Feb. 16.

Mid-West Creamery, The. (See Hassel, Frank.)

Miklos & Hershey, Inc., New York, N. Y. Hats for men, women, and children. 220,786; Feb. 16.

Miller, Ewart S., doing business as E. S. Miller Laboratories, Los Angeles, Calif. Medicine for the treatment of syphilis, malaria, etc. 224,877; Feb. 16.

Motor Improvements, Inc., Newark, N. J. Oil filters particularly adapted for automobiles. 222,333; Feb. 16.

Murphy Gorman Company, Danbury, Conn. Men's soft felt, stiff felt, and velour hats. 224,033; Feb. 16.

Muskoka Wood Mfg. Co., Huntsville, Ontario, Canada. Flooring, particularly birch hardwood flooring. 222,991; Feb. 16.

National Fish Co. Ltd., Halifax, Nova Scotia, Canada. Fresh and cured fish. 218,988; Feb. 16.

National Garter Co. (See Goldberg, Isador.)

National Mint Company, Chicago, Ill. Candy. 224,777; Feb. 16.

Nobel Industries, Limited, London, England. Leather cloth. 223,861; Feb. 16.

Nocera, John, doing business as Novelty Bottling Works, Waltham, Mass. Beverages sold as soft drinks. 224,259; Feb. 16.

Norma Chocolate Co. Inc., Brooklyn, N. Y. Candy article. 225,727; Feb. 16.

Novelty Bottling Works. (See Nocera, John.)

Nutting Truck Co., Faribault, Minn. Trailers. 224,470; Feb. 16.

Page Coffee Company, St. Joseph, Mo. Coffee. 225,728–9; Feb. 16.

Palmetto Cotton Mills Incorporated, Palmetto, Ga. Cotton duck cloth. 213,667; Feb. 16.

Pal-O-Mine Manufacturing Company. (See Cardone, Generous.)

Pardee, C., Works, The, Perth Amboy, N. J., and Philadelphia, Pa. Floor tiles, wall tiles, decorative construction tiles, etc. 222,792; Feb. 16.

Pardee, C., Works, The, Perth Amboy, N. J., and Philadelphia, Pa. Floor tiles, wall tiles, decorative construction tiles, etc. 224,202; Feb. 16.

Paris Laboratories, New York, N. Y. Face powders, face creams, face packs, etc. 225,202; Feb. 16.

Pearson, Victor E., Chicago, Ill. Sleds. 224,291; Feb.16.

Pepe, F., Macaroni Co., Inc., The, Waterbury, Conn. Macaroni. 224,928; Feb. 16.

Perfection Mattress and Spring Co., Birmingham, Ala. Bed springs. 224,422; Feb. 16.

Permanent Waterproofing Co., Kansas City, Mo. Preparation for waterproofing cement or other porous material. 224,263; Feb. 16.

Pierce-Arrow Motor Car Company, The, Buffalo, N. Y. Automotive vehicles. 223,407–8; Feb. 16.

Pillsbury Flour Mills Company, Minneapolis, Minn. Pancake flour. 207,030; Feb. 16.

Pillsbury Flour Mills Company, Minneapolis, Minn. Flour made from wheat. 207,031; Feb. 16.

Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat bran. 207,032; Feb. 16.

Postal Pen Company, Inc., New York, N. Y. Fountain pens. 224,831; Feb. 16.

Potts, Horace T., & Co., Philadelphia, Pa. Tool steel. 225,675; Feb. 16.

Pratt, Ross H., doing business as The Auto-Magic Fire Killer Co., Washington, D. C. Chemical compound in powder form for extinguishing fires. 225,278; Feb. 16.

Protect-A-Vent Company, The, Des Moines, Iowa. Automobile ventilator protectors. 228,544; Feb. 16.

Pure Food Laboratories Company, The, Delaware, Ohio. Milk containing chocolate-flavored sirup. 206,492; Feb. 16.

Reed Manufacturing Co., Newark, N. Y. Metal culinary, household, and dairy utensils. 225,279; Feb. 16.

Reed Manufacturing Co., Newark, N. Y. Culinary, household, and dairy utensils. 225,281; Feb. 16.

Reed Manufacturing Co., Newark, N. Y. Bedpans, urinals, basins, and irrigators. 225,283; Feb. 16.

Reser, Robert F., doing business as 20th Century Laboratories Associated, Columbus, Ohio. Laxative tablets for liver, bowels, etc. 216,935; Feb. 16.

Rialto Heights Association, Rialto, Calif. Oranges and lemons. 225,523; Feb. 16.

Richardson, Hoge E., doing business as Rite-Wa Cleaning Co., Washington, D. C. Cleanser of rugs, draperies, etc. 170,898; Feb. 16.

Ridgewood Fruit Growers, Inc., Winchester, Va. Apples and apple products. 200,461; Feb. 16.

Rite-Wa Cleaning Co. (See Richardson, Hoge E.)

Roethlisberger & Sohn, Berne, Switzerland. Cheese. 221,773; Feb. 16.

Russell-Miller Milling Co., Minneapolis, Minn. Wheat flour. 224,990–1; Feb. 16.

Russo, Frank, Chicago, Ill. Face cream. 224,207; Feb. 16.

Salvo & Berdon Candy Co., Natchez, Miss. Candy. 221,282; Feb. 16.

Schloss, Adolphe, Fils & Cie., Paris, France. Glasses, bowls, pitchers, etc. 208,430; Feb. 16.

Schreiber Products Corporation, Buffalo, N. Y. Food product containing cocoa, malt extract, sugar, milk, and flavoring. 225,039; Feb. 16.

Sebastian-Stuart Fish Co., Seattle, Wash. Canned salmon. 214,097; Feb. 16.

Seeman Brothers, Inc., New York, N. Y. Tea. 225,742; Feb. 16.

Self Service Millinery Stores, Inc., Woodhaven, N. Y. Ladies' hats. 223,553; Feb. 16.

Seymour and Muir Printing Company, Grand Rapids, Mich. Card game. 224,058; Feb. 16.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Smyth, J. G., & Co., Uvalde, Tex. Men's and women's hats. 206,808; Feb. 16.

Societe Francaise de l'Everite, La Plaine, St-Denis, France. Slates, tiles, plates, etc. 201,052–4; Feb. 16.

Society of Chemical Industry in Basle, Basel, Switzerland. Dietetic food for use in the treatment of diabetes. 224,835; Feb. 16.

Society of Chemical Industry in Basle, Basel, Switzerland. Dietetic food for use in the treatment of diabetes. 224,837–8; Feb. 16.

Staedtler, J. S., Inc., New York, N. Y. Lead pencils. 225,059–60; Feb. 16.

Staedtler, J. S., Inc., New York, N. Y. Lead pencils. 225,062–3; Feb. 16.

Stehli Silks Corporation, New York, N. Y. Silk piece goods. 223,146; Feb. 16.

Sterling Handkerchief Manufacuring Co., Inc., New York, N. Y. Handkerchiefs. 224,434; Feb. 16.

Sterling Handkerchief Manufacturing Co., Inc., New York, N. Y. Handkerchiefs. 225,814; Feb. 16.

Sterling, J. G., Warren, Ohio. Automobiles and parts thereof except rubber bumpers. 217,425; Feb. 16.

Stevens, Wenceslaus, New York, N. Y., and Naples, Italy. Tanned or raw skins. 224,484; Feb. 16.

Stickney & Poor Spice Co., Boston, Mass. Prepared mustard. 224,994; Feb. 16.

Stifel, J. L., & Sons, Wheeling, W. Va. Cotton piece goods. 225,748; Feb. 16.

Stone, David J., doing business as Stone Glove Factories, Chicago, Ill. Gloves made of leather. 207,211; Feb. 16.

Stoody Company, Whittier, Calif. Self-hardening alloy-steel welding rods. 225,529; Feb. 16.

Stoody Company, Whittier, Calif. Mild steel, iron, and high-carbon welding rods. 225,530; Feb. 16.

Storey Brothers & Company, Limited, Lancaster, England. Leather cloth. 221,723; Feb. 16.

Stratton, Harry D., San Francisco, Calif. Malt extracts and liquors. 223,451; Feb. 16.

Stroock, S., & Co. Inc., New York, N. Y. Wool cloth in the piece. 211,390; Feb. 16.

Sullivan Company, The, Memphis, Tenn. Compound for use as a cement-surface hardener. 219,860; Feb. 16.

Sultzer-Henderson Co. Inc., New York, N. Y. Ladies' hats. 222,202; Feb. 16.

Sunland Packing House Company, Porterville, Calif. Fresh citrous fruits. 215,223; Feb. 16.

Superior Portland Cement Company, Seattle, Wash. House organ and periodical. 221,645; Feb. 16.

Sutter Co-Operative Growers, San Francisco, Calif. Canned fruits. 215,425; Feb. 16.

Swift and Company, Chicago, Ill. Oleomargarine. 224,995; Feb. 16.

Texas Citrus Fruit Growers Exchange, Mission, Tex. Fresh citrous fruits. 219,863; Feb. 16.

Thomas Products, Inc., Boston, Mass. Serviettes. 223,814; Feb. 16.

Thompson-Barlow Company, Inc., New York, N. Y., assignor to Madame X Company, Inc., New York, N. Y. Face lotions, toilet powders, and face creams. 208,155; Feb. 16.

Tingue, Brown & Co., New York, N. Y. Woven cotton padding for laundry-machinery rolls. 212,161; Feb. 16.

Transo-Tank Pen Company, Inc., New York, N. Y. Fountain pens. 224,845; Feb. 16.

Tricolator Company, Inc., New York, N. Y. Coffee infusers. 225,496; Feb. 16.

Tuttle-Scott Stores, Inc., Toledo, rubber, and fabric shoes. 223,563–4; Feb. 16.

20th Century Laboratories Associated. (See Reser, Robert F.)

Underhay Oil Co., Boston, Mass. Lubricating oil and slab oil for confectioners' use. 224,847; Feb. 16.

United States Products Corporation, San Jose, Calif. Canned fruits and canned vegetables. 224,681; Feb. 16.

Van Camp Packing Company, The, Indianapolis, Ind. Vegetable shortening. 225,688; Feb. 16.

Vanderherchen, Mary L., doing business as Wm. H. Vanderherchen, Philadelphia, Pa. Tents. 212,519; Feb. 16.

Van Landingham Co., The, Los Angeles, Calif. Canned fruits, vegetables, and fish. 224,268; Feb. 16.

Vivaudou, Victor, New York, N. Y. Face powders, face creams, etc. 224,888; Feb. 16.

Walter Brothers, Exeter, Calif. Fresh grapes. 219,865; Feb. 16.

Wanamaker, John, Philadelphia, Philadelphia, Pa. Corsets. 225,049; Feb. 16.

Watling, John B., doing business as Watling Scale Company, Chicago, Ill. Weighing scales. 224,120; Feb. 16.

Wefco Company Inc., New York, N. Y. Lubricating spring covers for automobiles. 223,006; Feb. 16.

Weinberg, J., and Sons, Cheetham, Manchester, England. Waterproof and rainproof clothing. 221,673; Feb. 16.

Wheatal Company, The, Bangor, Me. Breakfast cereals. 224,851; Feb. 16.

Whiting, C. R., Co., Newark, N. J. Coated textile material for covering or lining suitcases, leather goods, etc. 219,157; Feb. 16.

Williams, C. B., doing business as C. B. Williams Company, San Francisco, Calif. Fresh vegetables. 225,536; Feb. 16.

Williams Tent & Awning Co. Inc., The, Buffalo, N. Y. Tents and awnings. 224,486; Feb. 16.

Wisconsin Increasing Power Company, Inc., New York, N. Y. Belt dressing. 224,793; Feb. 16.

Witmark, M., & Sons, New York, N. Y. Thin paste. 220,268; Feb. 16.

Woodward & Lothrop, Washington, D. C. Artificial flowers, feathers, gauze, etc. 223,268; Feb. 16.

Wright, William E., and Sons Company, Orange, N. J. Bias-fold tapes and trimmings. 224,638; Feb. 16.

Wurdeman Textile Mills, Inc., Fort Plain, N. Y. Princess and costume slips, brassières, etc. 219,416; Feb. 16.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Briquets, Fuel. Navicoal Corporation. 209,197; Feb. 16; Serial No. 220,133; published Nov. 3, 1925.

Calfskin. George Martin Leather Co. 53,783; renewed June 12, 1926.

Coal. Mitchell & Dillon Coal Company. 209,109; Feb. 16; Serial No. 219,675; published Nov. 17, 1925.

Coal. Raven Red Ash Coal Co. 209,130; Feb. 16; Serial No. 219,606; published Nov. 10, 1925.

Condensation products of phenol and formaldehyde. Redmanol Chemical Products Company. 209,238; Feb. 16; Serial No. 218,086; published Oct. 6, 1925.

Foxes, Silver. Alaska Silver Fox & Fur Farms Co. 209,287; Feb. 16.

Leather. Carl E. Schmidt and Company. 209,213; Feb. 16; Serial No. 219,206; published Nov. 17, 1925.

Leather, Colored. J. H. Epstein A. G. 209,282; Feb. 16; Serial No. 219,822; published Nov. 10, 1925.

Pulp. International Pulp Co. 48,346; renewed Dec. 26, 1925.

Sand, White. Del Monte Properties Company. 209,253; Feb. 16; Serial No. 220,386; published Nov. 24, 1925.

Seeds, Field. Illinois Crop Improvement Association. 209,056; Feb. 16; Serial No. 207,080; published Nov. 10, 1925.

Whiting, a carbonate of lime. R. T. Vanderbilt Company. 209,190; Feb. 16; Serial No. 214,039; published Nov. 3, 1925.

CLASS 2.

Paper cans. Purity Paper Vessels Co. 209,002; Feb. 16; Serial No. 200,777; published July 14, 1925.

CLASS 3.

Horse-collar pads. N. A. Shane. 208,988; Feb. 16; Serial No. 220,923; published Nov. 24, 1925.

CLASS 4.

Aluminous abrasive grains and stones, grinding wheels, and crystalline alumina. Norton Company. 209,096–7; Feb. 16; Serial Nos. 218,867–8; published Nov. 17, 1925.

Auto top dressing. J. M. Clayton. 209,137; Feb. 16; Serial No. 221,049; published Nov. 17, 1925.

Buffing wheels. Peters Manufacturing Company. 209,239; Feb. 16; Serial No. 217,896; published Nov. 3, 1925.

Cleaner for personal and household use. Allen Soap Company. 209,094; Feb. 16; Serial No. 219,022; published Nov. 17, 1925.

Cleaning compound. L. W. Gibson. 209,297; Feb. 16; 217,222; published Nov. 10, 1925.

Cleaning compound. R. A. Preo. 209,092; Feb. 16; Serial No. 219,086; published Nov. 17, 1925.

Cleaning fluid used as a dry cleaner. J. A. Buttny. 209,263; Feb. 16; Serial No. 219,527; published Nov. 10, 1925.

Cleansing compound. Seaboard Crystal Company. 209,233; Feb. 16; Serial No. 218,577; published Nov. 17, 1925.

Cloths, Scouring. Metal Textile Corporation. 209,259; Feb. 16; Serial No. 219,753; published Nov. 3, 1925.

Dressings, Belt. Black Diamond Manufacturing Company. 51,204–5; renewed Apr. 10, 1926.

Laundry and cleaning composition. C & B Products Co. 209,271; Feb. 16; Serial No. 219,057; published Nov. 3, 1925.

Paint for use especially on automobile tops. Never Leak Rubber Paint Company. 209,246; Feb. 16; Serial No. 217,229; published Nov. 17, 1925.

Polish for windshields, etc. Bolduc Bros. 209,133; Feb. 16; Serial No. 221,300; published Nov. 17, 1925.

Polish, Leather. Whittemore Brothers and Company. 48,628; renewed Jan. 9, 1926.

Polish, Metal. W. V. Morgan. 209,001; Feb. 16; Serial No. 202,514; published Nov. 24, 1925.

Scouring powder. Swift and Company. 209,055; Feb. 16; Serial No. 207,690; published Nov. 10, 1925.

Soap. James S. Kirk & Company. 209,158; Feb. 16; Serial No. 216,346; published Oct. 6, 1925.

Soap and scouring powder. Hashemesh Inc. 209,249; Feb. 16; Serial No. 216,978; published Nov. 3, 1925.

Soap and shaving cream, Toilet. Karlsruher Parfumerie- und Toilettenseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung. 209,141–2; Feb. 16; Serial Nos. 220,722–3; published Nov. 17, 1925.

Soap and shaving powder, Toilet. Karlsruher Parfumerie- und Toilettenseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung. 209,118; Feb. 16; Serial No. 220,728; published Nov. 17, 1925.

Soap and shaving powder, Toilet. Karlsruher Parfumerie- und Toilettenseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung. 209,139; Feb. 16; Serial No. 220,726; published Nov. 17, 1925.

Soap and shaving powder, Toilet. Karlsruher Parfumerie- und Toilettenseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung. 209,140; Feb. 16; Serial No. 220,725; published Nov. 17, 1925.

Soap and shaving powder, Toilet. Karlsruher Parfumerie- und Toilettenseifen-Fabrik F. Wolff & Sohn Gesellschaft mit beschrankter Haftung. 209,143; Feb. 16; Serial No 220,720; published Nov. 17, 1925.

Soap, Medicinal. Barclay & Barclay. 50,534; renewed Mar. 20, 1926.

Soap, Medicinal. Barclay & Barclay. 53,947; renewed June 19, 1926.

Soap powders. Sun Soap Products, Incorporated. 209,159; Feb. 16; Serial No. 216,300; published Nov. 10, 1925.

Soap, Shampoo. F. W. Barber. 209,160; Feb. 16; Serial No. 216,134; published Nov. 10, 1925.

Soaps. 2-J Soap Co. 208,998; Feb. 16; Serial No. 216,751; published Nov. 24, 1925.

Soaps and shaving creams, Toilet. Cheramy, Inc. 209,145; Feb. 16; Serial No. 220,446; published Nov. 17, 1925.

Washing fluid. L. Fajolo. 209,240; Feb. 16; Serial No. 217,870; published Nov. 10, 1925; Serial No. 217,870; published Nov. 10, 1925.

Washing powder. V. B. Van Tilburg. 209,255; Feb. 16; Serial No. 220,002; published Nov. 10, 1925.

CLASS 5.

Size, Wall. Patent Cereals Company. 209,151; Feb. 16; Serial No. 220,249; published Nov. 24, 1925.

CLASS 6.

Acid, phosphoric-acid paste, monoammonium phosphate, monocalcium phosphate, and trisodium phosphate, Phosphoric. Federal Phosphorus Co. 209,099; Feb. 16; Serial No. 218,618; published Nov. 24 1925.

Baking powder. Jack Frost Baking Powder Co. 50,616; renewed Mar. 27, 1926.

Camphorated oil, Rochelle salt, tincture of iodine, etc. McLaughlin Gormley King Co. 209,289; Feb. 16.

Cod-liver oil and malt extract, Combination of. Dr. A. Wander S. A. 209,014; Feb. 16; Serial No. 221,862; published Nov. 24, 1925.

Coloring preparation for butter. Wells & Richardson Company. 49,265; renewed Jan. 30, 1926.

Cough drops, Medicated. Wm. H. Luden, Inc. 209,296; Feb. 16.

Finishes, Colorless binding agent for use with pigment. American Leather Finish Co. 209,125; Feb. 16; Serial No. 221,797; published Nov. 24, 1925.

Finishes for leather, Pigment. American Leather Finish Co. 209,126; Feb. 16; Serial No. 221,798; published Nov. 24, 1925.

Hair and skin tonic. Barclay & Barclay. 53,971; renewed June 19, 1926.

Hair and skin tonic. Barclay & Barclay. 54,096; renewed June 19, 1926.

Insecticide. Wm. Peterman, Inc. 209,294–5; Feb. 16.

Liniment. C. Stanley. 48,425; renewed Dec. 26, 1925.

Lip sticks. Lower & Co. 209,105; Feb. 16; Serial No. 216,685; published Nov. 24, 1925.

Lotion for use on chapped hands and face and after shaving. Nonspi Company. 209,091; Feb. 16; Serial No. 219,300; published Nov. 24, 1925.

Lotions, Toilet and medicinal. E. A. Olds. 53,525; renewed June 5, 1926.

Medicinal preparation for external and internal use. Davis & Lawrence Co. 54,100; renewed June 19, 1926.

Medicinal tonic table water, Compounded. Oceano Products Company. 209,101; Feb. 16; Serial No. 218,571; published Nov. 24, 1925.

Medicine, Certain named. Dr. A. Gude & Co. G. m. b. H. 52,472; renewed May 8, 1926.

Medicines, Certain named. Bristol-Myers Company. 51,922; renewed Apr. 24, 1926.

Preparation for colds, headaches, and neuralgia. Bromo-Aspirin Co. 209,153; Feb. 16; Serial No. 220,176; published Nov. 24, 1925.

Preparation for the treatment of constipation and hemorrhoids. R. W. Allen. 209,120; Feb. 16; Serial No. 221,084; published Nov. 24, 1925.

Preparation for the treatment of corns and calli. T. A. Wemett. 209,293; Feb. 16.

Preparation for the treatment of hard or soft corns or calli. Scholl Manufacturing Company. 209,291; Feb. 16.

Preparation used for loosening rusty nuts and sticky valves. Brake Renew Products Co. 209,290; Feb. 16.

Remedies for stomach, intestinal, and bowel disorders. E. J. Hart & Co. Limited. 52,250; renewed May 1, 1926.

Remedy for certain named diseases. R. Schiffmann Company. 51,358; renewed Apr. 10, 1926.

Remedy for croup and colds. R. P. Menard. 50,791; renewed Mar. 27, 1926.

Salve. Aid-ant Remedy Co. 48,905; renewed Jan. 16, 1926.

Salve. C. C. Marroquin. 209,114; Feb. 16; Serial No. 220,313; published Nov. 24, 1925.

Shampoo. Pond's Extract Company. 209,115–6; Feb. 16; Serial Nos. 220,359–60; published Nov. 24, 1925.

Talcum, tooth paste, bath salts, cold cream, etc. Richard Hudnut. 209,124; Feb. 16; Serial No. 221,746; published Nov. 24, 1925.

CLASS 7.

Netting and fishing twine, Linen, sea-island-cotton gill, and cotton. National Net & Twine Co. 209,258; Feb. 16; Serial No. 219,756; published Nov. 10, 1925.

CLASS 9.

Cartridges and cartridge shells. Union Metallic Cartridge Company. 49,606; renewed Feb. 13, 1926.

Cartridges and cartridge shells. Union Metallic Cartridge Company. 49,610; renewed Feb. 13, 1926.

Cartridges and cartridge shells. Union Metallic Cartridge Company. 49,614; renewed Feb. 13, 1926.

Cartridges and metal and paper cartridge shells. Union Metallic Cartridge Company. 49,611; renewed Feb. 13, 1926.

Cartridges and parts thereof, Gun and pistol. Union Metallic Cartridge Company. 49,616; renewed Feb. 13, 1926.

Gunpowder. American Powder Mills. 52,991; renewed May 22, 1926.

Gunpowder. American Powder Mills. 53,113; renewed May 29, 1926.

Gunpowder. American Powder Mills. 53,655; renewed June 12, 1926.

Guns and parts thereof. Hunter Arms Co. 45,243; renewed Aug. 8, 1925.

Guns and parts thereof. Hunter Arms Co. 45,245–8; renewed Aug. 8, 1925.

Guns and parts thereof. Hunter Arms Co. 45,336; renewed Aug. 15, 1925.

Guns and parts thereof. Hunter Arms Co. 45,488; renewed Aug. 22, 1925.

CLASS 12.

Asphalt, mixtures of asphalt and stone, etc. J. D. Forrester. 209,182; Feb. 16; Serial No. 218,910; published Nov. 17, 1925.

Asphalt, Mulsified. Baldwin-Tarvin Company. 209,186; Feb. 16; Serial No. 218,156; published Nov. 10, 1925.

Asphalt product. Minwax Company, Inc. 208,996; Feb. 16; Serial No. 218,131; published Nov. 24, 1925.

Board, Wall. Beaver Products Company. 208,991; Feb. 16; Serial No. 220,106; published Nov. 24, 1926.

Bricks. C. E. Holley. 209,154; Feb. 16; Serial No. 220,025; published Nov. 17, 1925.

Cement and plaster. F. Mulligan. 209,180; Feb. 16; Serial No. 219,194; published Nov. 3, 1925.

Cement, Portland. Edison Portland Cement Company. 53,657; renewed June 12, 1926.

Cement, Portland. Texas Portland Cement Co. 209,225; Feb. 16; Serial No. 213,809; published Nov. 17, 1925.

Concrete surfaces, Material for treating horizontal. Concrete Surface Corporation. 209,200; Feb. 16; Serial No. 219,815; published Nov. 3, 1925.

Ironing boards, folding seats, etc. Built-In Fixture Company. 209,199; Feb. 16; Serial No. 219,934; published Nov. 3, 1925.

Lime, Hydrated. Pacific Lime & Plaster Co. 209,122; Feb. 16; Serial No. 221,276; published Nov. 17, 1925.

Lumber, wood, sash, and doors, etc. E. K. Wood Lumber Company. 209,218; Feb. 16; Serial No. 217,315; published Nov. 3, 1925.

Mortar. Wellston Iron Furnace Company. 209,015; Feb. 16; Serial No. 221,792; published Nov. 24, 1925.

Paper, Reenforced. American Reenforced Paper Company. 209,188; Feb. 16; Serial No. 216,810; published Nov. 3, 1925.

Pipe joints and the like, Compound for sealing. Pure Asphalt Products Company. 209,048; Feb. 16; Serial No. 202,678; published Nov. 3, 1925.

Plaster base, wall boards, and sheathing. Insulite Co. 209,192; Feb. 16; Serial No. 201,087; published Nov. 3, 1925.

Preparation for coating wall board, etc. Lewis & Ferro, Inc. 209,205; Feb. 16; Serial No. 219,252; published Nov. 3, 1925.

Roofing, lumber, and shingles, Composition. West Lumber Company. 209,189; Feb. 16; Serial No. 216,808; published Nov. 10, 1925.

Stone, Artificial. A. Marzoli. 208,989; Feb. 16; Serial No. 220,732; published Nov. 24, 1925.

Stucco. Artisti-Kote Company. 209,020; Feb. 16; Serial No. 221,156; published Nov. 24, 1925.
Stucco. Artisti-Kote Company. 209,121; Feb. 16; Serial No. 221,157; published Nov. 17, 1925.
Stucco and plaster. Flint-Rock Stucco Company. 209,215; Feb. 16; Serial No. 217,926; published Nov. 17, 1925.
Talc, Special. W. H. Loomis Talc Corporation. 209,108; Feb. 16; Serial No. 219,592; published Nov. 17, 1925.
Wall board, heat-insulating material, shingles, etc. L. R. Skolnik. 209,201; Feb. 16; Serial No. 219,608; published Nov. 3, 1925.

CLASS 13.

Ball cocks. Wolverine Brass Works. 209,123; Feb. 16; Serial No. 221,524; published Nov. 24, 1925.
Staples, Strips of united. E. H. Hotchkiss Company. 53,216; renewed May 29, 1926.

CLASS 14.

Alloys, Nonferrous. Lumen Bearing Company. 49,950; renewed Feb. 27, 1926.

CLASS 15.

Gasoline. W. F. Carvell. 209,248; Feb. 16; Serial No. 217,208; published Nov. 17, 1925.
Gasoline. National Independent Oil Company. 209,033; Feb. 16; Serial No. 220,032; published Dec. 1, 1925.
Gasoline. Pocahontas Oil Company. 209,073; Feb. 16; Serial No. 222,395; published Dec. 1, 1925.
Gasoline, kerosene, and lubricating oils and greases. "Supertest" Limited. 209,104; Feb. 16; Serial No. 217,969; published Nov. 10, 1925.
Kerosene, fuel oils, gasoline, etc. Gilmore Oil Company. 209,057; Feb. 16; Serial No. 207,501; published Nov. 3, 1925.
Lubricant, Domestic. Gulf Refining Company. 209,106; Feb. 16; Serial No. 216,675; published Nov. 10, 1925.
Naphthalene and creosote oil, Sublimed and crude. Certain-teed Products Corporation. 209,217; Feb. 16; Serial No. 217,450; published Nov. 3, 1925.
Oil and greases, Lubricating. K. Z. Garvey. 209,069; Feb. 16; Serial No. 201,805; published Aug. 18, 1925.
Oils and greases. Central Commercial Company. 209,072; Feb. 16; Serial No. 183,363; published Nov. 10, 1925.
Oils and greases, Lubricating. Landis Machine Company. 209,031; Feb. 16; Serial No. 220,239; published Dec. 1, 1925.
Oils and greases, Lubricating. Panther Oil & Grease Mfg. Co. 209,149; Feb. 16; Serial No. 220,356; published Nov. 17, 1925.
Oils, Lubricating. American Petroleum Products Co. 52,051; renewed May 1, 1926.
Oils, Lubricating. Crew Levick Co. 50,851; renewed Apr. 3, 1926.
Petroleum and products of petroleum. Standard Oil Company of New York. 209,234; Feb. 16; Serial No. 218,506; published Nov. 24, 1925.

CLASS 16.

Paints and colors. C. A. Willey Co. 51,954; renewed Apr. 24, 1926.

CLASS 19.

Automobile trucks. Six Wheels Incorporated. 209,196; Feb. 16; Serial No. 220,622; published Nov. 3, 1925.
Automobile vehicles. Reo Car Co. 54,722; renewed June 26, 1926.
Automobiles. Diana Motors Company. 209,198; Feb. 16; Serial No. 219,947; published Nov. 3, 1925.
Boats, canoes, oars, etc. St. Louis Meramec Canoe Company. 209,163; Feb. 16; Serial No. 215,599; published Nov. 10, 1925.
Bumpers. C. G. Spring and Bumper Company. 209,277; Feb. 16; Serial No. 220,206; published Nov. 10, 1925.
Car couplings, car buffers, and draft gears, and parts thereof. Gould Coupler Co. 50,443; renewed Mar. 20, 1926.
Vehicles, Air brakes and parts thereof for motor-driven. Safety Air Brake Company. 209,222; Feb. 16; Serial No. 215,766; published Nov. 17, 1925.
Wheels and rims therefor, Vehicle. Firestone Steel Products Company. 209,064; Feb. 16; Serial No. 202,863; published Nov. 24, 1925.

CLASS 21.

Automobiles, Electric signal lights for use on. H. B. McLaughlin. 209,043; Feb. 16; Serial No. 211,175; published Nov. 3, 1925.
Batteries, Dry. French Battery & Carbon Company. 209,059; Feb. 16; Serial No. 206,951; published Nov. 3, 1925.
Batteries, Storage. Bilt Well Products Co. 209,226; Feb. 16; Serial No. 210,158; published Apr. 28, 1925.
Condensers, Electrical. Splitdorf Electrical Company. 209,009; Feb. 16; Serial No. 216,568; published Nov. 3, 1925.
Electrical apparatus and supplies. Rheinisch-Westfalische Sprengstoff-Actien-Gesellschaft Koln. 209,203; Feb. 16; Serial No. 219,411; published Nov. 3, 1925.
Lamps for automobiles, Electric. Etablissements Michel Potous S. A. 209,051; Feb. 16; Serial No. 189,845; published Nov. 3, 1925.
Loud speakers, radio receiving sets, and parts thereof, Cabinet. E. A. Graham. 209,210; Feb. 16; Serial No. 217,768; published Nov. 3, 1925.
Radioaerials. Van Wart & Foreman. 209,208; Feb. 11; Serial No. 218,223; published Nov. 3, 1925.
Radio apparatus, Vernier dials for. Mohawk Electric Corporation. 209,204; Feb. 16; Serial No. 219,254; published Nov. 3, 1925.
Radio receiving and sending sets and parts thereof. Incandescent Supply Company. 209,005; Feb. 16; Serial No. 217,560; published Nov. 3, 1925.
Radio receiving sets. Radio Corporation of America. 209,050; Feb. 16; Serial No. 199,184; published Nov. 3, 1925.
Radio receiving sets. Resas, Inc. 209,044; Feb. 16; Serial No. 210,191; published Nov. 3, 1925.
Radio receiving sets. Sherman Radio Manufacturing Corporation. 209,008; Feb. 16; Serial No. 217,282; published Nov. 3, 1925.
Radio receiving sets and parts thereof. J. J. McCoy, jr. 209,243; Feb. 16; Serial No. 217,524; published Nov. 3, 1925.
Radio receiving sets, Headsets, loud speakers, etc., for. Tower Manufacturing Corporation. 209,046; Feb. 16; Serial No. 206,810; published Nov. 3, 1925.
Radio receiving sets, loud speakers, plugs, etc. Electrical Research Laboratories, Inc. 209,010; Feb. 16; Serial No. 216,517; published Nov. 3, 1925.
Radio reception devices, Fixed and variable condensers for. Pilot Electric Manufacturing Company. 209,206; Feb. 16; Serial No. 218,776; published Nov. 3, 1925.
Radio vacuum tubes. Yankee Tube Corporation. 209,012; Feb. 16; Serial No. 214,987; published Nov. 3, 1925.
Signal and tail lights, Electrical. Morgan Manufacturing Company. 209,207; Feb. 16; Serial No. 218,270; published Nov. 3, 1925.
Signals, Vehicle. Lito-Fone Company. 209,049; Feb. 16; Serial No. 201,036; published Nov. 3, 1925.
Stoves, ranges, and hot-plate attachment therefor, Electric. Belleville Stove & Range Co. 209,011; Feb. 16; Serial No. 215,044; published Nov. 3, 1925.
Transformers and inductances. A. H. Grebe & Co. 209,047; Feb. 16; Serial No. 206,302; published Nov. 3, 1925.

CLASS 22.

Golf bags. A. J. Reach Company. 208,994; Feb. 16; Serial No. 219,350; published Dec. 1, 1925.

CLASS 23.

Engine governors. Pickering Governor Co. 51,569; renewed Apr. 17, 1926.
Hay carriers. E. E. Myers & Bro. 52,365; renewed May 8, 1926.
Knives and butcher knives, Pocket. James C. Lindsay Hardware Co. 53,754; renewed June 12, 1926.
Knives, forks, and spoons. R. Wallace & Sons Mfg. Co. 48,527; renewed Jan. 2, 1926.
Lenses, Machine for grinding the surfaces of. Shur-On Standard Optical Company. 209,032; Feb. 16; Serial No. 220,148; published Dec. 1, 1925.
Needles and awls, Machine. Landis Machine Company. 209,030; Feb. 16; Serial No. 220,240; published Dec. 1, 1925.
Plows, listers, and harrows. Emerson Manufacturing Co. 49,232; renewed Jan. 30, 1926.
Pumps, Water. F. E. Myers & Brother. 52,274; renewed May 8, 1926.
Razor-blade holder. C. D. Voorhis. 209,034; Feb. 16; Serial No. 219,923; published Dec. 8, 1925.
Saws. G. N. Clemson. 50,640; renewed Mar. 27, 1926.
Sprayers, Power. Frank Held Tractor Co. 209,076; Feb. 16; Serial No. 221,961; published Dec. 8, 1925.
Wrenches. Diamond Calk Horse Shoe Co. 209,074; Feb. 16; Serial No. 222,226; published Dec. 8, 1925.
Wrenches. J. H. Williams & Co. 209,075; Feb. 16; Serial No. 222,057; published Dec. 8, 1925.

CLASS 27.

Watches and clocks, movements, cases, dials, and parts thereof. Montres Era & Viso, C. Ruedi-Flury & Cie. Société anonyme. 209,006; Feb. 16; Serial No. 217,356; published Nov. 3, 1925.
Watches and timepieces. La Glycine Watch Factory. 209,007; Feb. 16; Serial No. 217,348; published Nov. 3, 1925.
Watches, clocks, and parts thereof. Carlowitz & Co. 209,042; Feb. 16; Serial No. 211,831; published Nov. 3, 1925.
Watches, Mainsprings for. American Waltham Watch Co. 48,775; renewed Jan. 16, 1926.

CLASS 29.

Brushes, Bath, flesh, and massage. E. B. Allen. 208,992; Feb. 16; Serial No. 220,103; published Dec. 1, 1925.

CLASS 31.

Refrigeration systems, Iceless. Copeland Products, Inc. 209,292; Feb. 16.

CLASS 32.

Cabinets, Filing. Yawman and Erbe Mfg. Co. 209,026; Feb. 16; Serial No. 221,042; published Dec. 1, 1925.
Mattresses. T. B. Burnett. 48,086; renewed Dec. 12, 1925.

Piano benches, bench and seat cushions, roll cabinets, and radiocabinets. O. Simms Manufacturing Co. 209,037; Feb. 16; Serial No. 218,217; published Dec. 1, 1925.
Piano benches, bench and seat cushions, roll cabinets, and radiocabinets. O. Simms Manufacturing Co. 209,038; Feb. 16; Serial No. 218,216; published Dec. 1, 1925.
Tables, Library and living-room. Brandt Cabinet Works. 209,022; Feb. 16; Serial No. 221,231; published Dec. 1, 1925.

CLASS 34.

Boilers, Water-tube. A. D. Granger Co. 53,654; renewed June 12, 1926.
Gas burners and mantles therefor. Welsbach Light Company. 52,942; renewed May 22, 1926.
Heaters, stoves, and ranges. Southard Robertson Company. 209,227; Feb. 16; Serial No. 205,961; published Oct. 27, 1925.
Ranges, Gas. A-B Stove Company. 209,111; Feb. 16; Serial No. 220,092; published Nov. 17, 1925.
Recuperators and air heaters. Calorizing Company. 209,003; Feb. 16; Serial No. 187,662; published Nov. 24, 1925.
Stoves, furnaces, steam boilers, etc. American Blower Company. 209,172; Feb. 16; Serial No. 212,774; published Nov. 10, 1925.
Ventilating units. Unit Ventilation Co. 209,286; Feb. 16; Serial No. 219,701; published Nov. 10, 1925.
Water heaters. Ruud Manufacturing Company. 209,202; Feb. 16; Serial No. 219,497; published Nov. 3, 1925.

CLASS 35.

Hose, Fabric. Eureka Fire Hose Company. 48,656; renewed Jan. 9, 1926.
Hose, Grease-pump. Goodall Rubber Company. 209,040; Feb. 16; Serial No. 214,594; published Dec. 8, 1925.
Hose pipes, nozzles, gates, and couplings. Eureka Fire Hose Company. 49,948; renewed Feb. 27, 1926.
Packing, Greene, Tweed & Co. 53,420; renewed June 5, 1926
Packing material for steam, water, and gas joints. M. H. W. Höding. 209,036; Feb. 16; Serial No. 218,969; published Dec. 1, 1925.
Rubbers, Jar. O. W. Petrce Company. 209,028; Feb. 16; Serial No. 220,799; published Dec. 1, 1925.

CLASS 36.

Mouth organs and accordions. Ands. Koch A.-G. 209,013; Feb. 16; Serial No. 212,469; published Nov. 3, 1925.
Pianos, Upright. John Church Company. 48,670; renewed Jan. 9, 1926.
Radio loud speakers, loud-speaking phonograph attachments, receiving sets, and electron tubes. Radiotive Corporation. 209,041; Feb. 16; Serial No. 212,200; published Nov. 3, 1925.

CLASS 37.

Binders or files. Modern Office Devices, Inc. 209,283; Feb. 16; Serial No. 219,755; published Nov. 3, 1925.
Boxes, Filing. W. & T. Metal Products Corporation. 209,112; Feb. 16; Serial No. 220,159; published Nov. 3, 1925.
Card, indexing, record, and filing systems and materials and equipment therefor. H. O. Ross. 209,063; Feb. 16; Serial No. 203,840; published Nov. 10, 1925.
Checks and deposit books, Bank. M. Harris. 209,236; Feb. 16; Serial No. 218,411; published Nov. 24, 1925.
Paper. Bennett Printing Company. 209,093; Feb. 16; Serial No. 219,025; published Nov. 17, 1925.
Paper. W. W. Bailey. 209,272; Feb. 16; Serial No. 220,590; published Nov. 3, 1925.
Paper and paper towels, Toilet. Wyoming Valley Paper Mill. 209,284; Feb. 16; Serial No. 219,706; published Nov. 3, 1925.
Paper, Book. W. W. Bailey. 209,273; Feb. 16; Serial No. 220,589; published Nov. 3, 1925.
Paper, Book. Strathmore Paper Company. 209,181; Feb. 16; Serial No. 219,614; published Nov. 3, 1925.
Paper, Book and cover. Peninsular Paper Co. 52,731; renewed May 15, 1926.
Papers, Book and printing. Bermingham & Prosser Co. 209,179; Feb. 16; Serial No. 219,267; published Nov. 3, 1925.
Paper impregnated and coated with materials of nonsticking qualities. Cleveland Liner & Manufacturing Co. 209,232; Feb. 16; Serial No. 218,796; published Nov. 17, 1925.
Paper napkins. Economy Service Corporation. 209,269; Feb. 16; Serial No. 219,171; published Nov. 24, 1925.
Paper, Prophylactic tissue. Continental Paper & Bag Mills Corporation. 209,270; Feb. 16; Serial No. 219,168; published Nov. 10, 1925.
Paper stock, Crêped or crinkled. Angier Corporation. 209,275; Feb. 16; Serial No. 220,283; published Nov. 3, 1925.
Paper, Typewriter. W. S. Tuttle. 209,178; Feb. 16; Serial No. 219,858; published Nov. 3, 1925.
Paper, White or colored bond writing. Standard Paper Manufacturing Co. 209,162; Feb. 16; Serial No. 215,758; published Nov. 10, 1925.
Paper, White shelf. Appleton Coated Paper Company. 209,156; Feb. 16; Serial No. 216,447; published Nov. 17, 1925.
Paper-wrapped pencils, crayons, pencils. American Crayon Company. 209,071; Feb. 16; Serial No. 198,553; published Nov. 17, 1925.
Paper, Wrapping. Graham Paper Company. 209,279; Feb. 16; Serial No. 219,959; published Nov. 3, 1925.
Pens and pencils, Fountain. Moore Pen Company. 209,274; Feb. 16; Serial No. 220,559; published Nov. 3, 1925.
Stationery, Printed. C. R. Myers. 209,244; Feb. 16; Serial No. 217,410; published Nov. 10, 1925.

CLASS 38.

Cards, Greeting and announcement. Old Colony Envelope Company. 209,268; Feb. 16; Serial No. 219,196; published Nov. 10, 1925.
Catalogue published periodically. Iron Age Publishing Company. 209,168; Feb. 16; Serial No. 214,421; published Nov. 24, 1925.
Daily publication. Macfadden Publications, Incorporated. 209,132; Feb. 16; Serial No. 219,635; published Nov. 10, 1925.
Journal issued monthly, Agricultural. Curtis Publishing Company. 209,129; Feb. 16; Serial No. 219,529; published Nov. 10, 1925.
Labels and tags. Hind & Harrison Plush Company. 209,237; Feb. 16; Serial No. 218,121; published Nov. 17, 1925.
Magazine, Monthly. Freeman-Smart Company. 209,250; Feb. 16; Serial No. 216,863; published Nov. 3, 1925.
Magazine, Monthly. A. R. Harding. 209,144; Feb. 16; Serial No. 220,529; published Nov. 24, 1925.
Magazine, Monthly. Pacific Brotherhood Investment Company. 209,176; Feb. 16; Serial No. 219,406; published Nov. 10, 1925.
Magazine, Monthly. United Trade Publishing Company. 209,285; Feb. 16; Serial No. 219,702; published Nov. 10, 1925.
Magazine, Monthly. Winston, Inc. 209,127; Feb. 16; Serial No. 219,466; published Nov. 10, 1925.
Magazine publications. Macfadden Publications Incorporated. 209,185; Feb. 16; Serial No. 218,191; published Nov. 3, 1925.
Magazine, Weekly. S. L. Orwall. 209,281; Feb. 16; Serial No. 219,836; published Nov. 10, 1925.
Magazines or monthly publications. American Radio Relay League. 209,062; Feb. 16; Serial No. 204,492; published Nov. 3, 1925.
News bulletin, Daily construction. F. W. Dodge Corporation. 209,212; Feb. 16; Serial No. 219,326; published Nov. 24, 1925.
Newspaper, Daily. Vanderbilt Newspapers, Inc. 209,216; Feb. 16; Serial No. 217,488; published Nov. 24, 1925.
Newspaper feature articles. Famous Features Syndicate, Inc. 209,276; Feb. 16; Serial No. 220,223; published Nov. 10, 1925.
Newspaper, Weekly. W. C. & F. P. Church, Incorporated. 49,503; renewed Feb. 6, 1926.
Nom de plume for a particular column of news in newspaper. Morning Telegraph Company. 209,261; Feb. 16; Serial No. 219,548; published Nov. 24, 1925.
Nom de plume for a particular column of news in newspaper. Morning Telegraph Company. 209,262; Feb. 16; Serial No. 219,544; published Nov. 24, 1925.
Periodical, Monthly trade. Price Trade Publishing Co. 209,077; Feb. 16; Serial No. 221,507; published Dec. 1, 1925.
Periodicals, Monthly. American Crayon Company. 209,252; Feb. 16; Serial No. 220,389; published Nov. 24, 1925.
Publication, Annual. R. Palmer. 209,100; Feb. 16; Serial No. 218,572; published Nov. 17, 1925.
Publication, Bimonthly. Conde Nast Publications, Inc. 209,256; Feb. 16; Serial No. 219,945; published Nov. 24, 1925.
Publication, Monthly. Ellis-Jones Drug Company. 209,024; Feb. 16; Serial No. 221,173; published Dec. 1, 1925.
Publication, Monthly. National Association of Inventors. 209,278; Feb. 16; Serial No. 219,980; published Nov. 10, 1925.
Publication, Monthly. New Fiction Publishing Corporation. 209,184; Feb. 16; Serial No. 218,197; published Nov. 10, 1925.
Publication, Weekly. Rayon Publishing Corporation. 209,128; Feb. 16; Serial No. 219,493; published Nov. 10, 1925.
Publications issued from time to time. W. J. Kennedy. 209,260; Feb. 16; Serial No. 219,670; published Nov. 24, 1925.
Publications, Semiannual. Ready Reference Publishing Co. 209,280; Feb. 16; Serial No. 219,843; published Nov. 10, 1925.

CLASS 39.

Apparel, Wearing. Marcus Breier's Sons. 209,223; Feb. 16; Serial No. 215,045; published Nov. 17, 1925.
Aprons. Bernhard Ulman Co. 209,087; Feb. 16; Serial No. 219,871; published Nov. 24, 1925.
Bloomers and princess slips, Silk. Durable Petticoat Co. 209,119; Feb. 16; Serial No. 220,943; published Nov. 17, 1925.

Boots and shoes, Boys' leather. Whitney, Wabel & Co. 48,838; renewed Jan. 16, 1926.
Boots and shoes, Leather. Thomas F. Peirce & Son. 52,760; renewed May 15, 1926.
Capes, wraps, scarfs, coats, and hats, Fur. H. Jaeckel & Sons, Inc. 209,241; Feb. 16; Serial No. 217,673; published Nov. 10, 1925.
Cloaks, suits, and dresses. Beaver Cloak & Suit Manufacturing Co. 209,135; Feb. 16; Serial No. 221,160; published Nov. 24, 1925.
Coats and wraps. H. Kitzinger. 209,251; Feb. 16; Serial No. 216,839; published Nov. 24, 1925.
Coats, cloaks, skirts, suits, etc., Ladies'. Lansdell & Willson, Limited. 209,167; Feb. 16; Serial No. 214,876; published Nov. 10, 1925.
Coats, hats and caps, capes, etc., Rainproof. Wallace, Scott & Co. 209,169; Feb. 16; Serial No. 214,193; published Nov. 10, 1925.
Coats, jackets, waistcoats, trousers, caps, and hats. Edward Macbean & Company Limited. 208,986; Feb. 16; Serial No. 221,125; published Nov. 24, 1925.
Coats, Junior misses'. Siegel Brothers & Burnstine. 209,265; Feb. 16; Serial No. 219,458; published Nov. 10, 1925.
Coats, vests, and trousers, collars, hats, etc. Desmond Clothing Company. 209,165; Feb. 16; Serial No. 215,058; published Nov. 17, 1925.
Coats, vests, trousers, and overcoats. Brokaw Bros. 54,542; renewed June 26, 1926.
Collars. Van Zandt's Inc. 208,987; Feb. 16; Serial No. 221,081; published Nov. 24, 1925.
Dresses, Women's. Burgess-Johnson-Webb Corporation. 209,053; Feb. 16; Serial No. 208,956; published Nov. 10, 1925.
Garters and overall suspenders. Martin-Page Co. 209,035; Feb. 16; Serial No. 219,899; published Nov. 24, 1925.
Gloves. Nobility Gloves, Inc. 209,065; Feb. 16; Serial No. 202,563; published Nov. 17, 1925.
Hats. Lustig Bros. 53,253; renewed May 29, 1926.
Hats, Ladies'. Julie Rosenblum Inc. 208,999; Feb. 16; Serial No. 216,073; published Oct. 27, 1925.
Heel, cushions. Silverite Co. 209,039; Feb. 16; Serial No. 214,753; published Nov. 17, 1925.
Hose supporters. I. B. Kleinert Rubber Company. 52,550; renewed May 15, 1926.
Hosiery. C. R. Hazzard. 209,004; Feb. 16; Serial No. 164,706; published Nov. 24, 1925.
Hosiery. William Hengerer Company. 208,993; Feb. 16; Serial No. 219,428; published Nov. 24, 1925.
Hosiery. William Hengerer Company. 209,089; Feb. 16; Serial No. 219,427; published Nov. 24, 1925.
Hosiery. William Hengerer Company. 209,266; Feb. 16; Serial No. 219,429; published Nov. 10, 1925.
Hosiery. Nelson Knitting Company. 209,229–30; Feb. 16; Serial Nos. 199,294–5; published Nov. 17, 1925.
Hosiery. Richmond Dry Goods Co. 209,098; Feb. 16; Serial No. 218,829; published Nov. 24, 1925.
Overalls and one-piece work suits. Great Six Overalls, Inc. 209,113; Feb. 16; Serial No. 220,211; published Nov. 17, 1925.
Overalls and overall jackets. Eckerling Brothers. 209,155; Feb. 16; Serial No. 219,951; published Nov. 24, 1926.
Overalls and pants, shirts, underwear, etc. Rice-Stix Dry Goods Company. 209,267; Feb. 16; Serial No. 219,306; published Nov. 17, 1925.
Overalls, coats and trousers. Red Diamond Clothing Co. 51,154; renewed Apr. 3, 1926.
Overalls, jackets, pants, etc., for men or children. E. V. Benjamin Company. 209,242; Feb. 16; Serial No. 217,600; published Nov. 10, 1925.
Overshoes, Rubber. Adams and Ford Company. 48,598; renewed Jan. 2, 1926.
Shirts. Howe & Howe. 49,712; renewed Feb. 13, 1926.
Shirts and blouses. C. Greenberg. 209,019; Feb. 16; Serial No. 221,314; published Nov. 24, 1925.
Shirts and overalls, Work. C. W. Woodruff. 209,103; Feb. 16; Serial No. 218,441; published Nov. 10, 1925.
Shirts and pyjamas. Jacob Gerhardt & Sons. 209,000; Feb. 16; Serial No. 210,789; published Nov. 24, 1925.
Shirts, collars, and cuffs. M. H. Lambert. 52,037; renewed May 1, 1926.
Shirts Men's dress. Broom & Newman. 53,877; renewed June 12, 1926.
Shirts, Men's work. J. Kohn. 209,058; Feb. 16; Serial No. 207,412; published Nov. 10, 1925.
Shirts, pyjamas, and blouses. Lesser and Oppenheimer Inc. 209,136; Feb. 16; Serial No. 221,122; published Nov. 24, 1925.
Shirts, underwear, and pyjamas. Phillips-Jones Corporation. 208,990; Feb. 16; Serial No. 220,675; published Nov. 24, 1925.
Shoes, Leather. A. J. Bates Co. 53,371; renewed June 5, 1926.
Slippers, Bedroom and house. Best Ever Slipper Co. 208,997; Feb. 16; Serial No. 217,855; published Oct. 20,1925.
Suits and coats, Men's. Hart, Schaffner & Marx. 209,134; Feb. 16; Serial No. 221,255; published Nov. 24, 1925.
Suits, Boys'. Schneider & Hoffenberg. 209,245; Feb. 16; Serial No. 217,298; published Nov. 10, 1925.
Suits in the nature of overalls, Children's play. A. C. Boyd. 209,088; Feb. 16; Serial No. 219,710; published Nov. 24, 1925.
Sweaters, Woolen. Franklin Knitting Mills, Inc. 209,174; Feb. 16; Serial No. 212,489; published Nov. 24, 1925.
Ties, Bow. T. T. Rochman. 209,170; Feb. 16; Serial No. 214,034; published Nov. 24, 1925.
Trousers. I. L. Pearl & Co. 51,619; renewed Apr. 17, 1926.
Undergarments, Ladies' and misses'. Gluck & Cohen. 209,052; Feb. 16; Serial No. 208,976; published Nov. 24, 1925.
Underwear. Cluett, Peabody & Co. 209,264; Feb. 16; Serial No. 219,474; published Nov. 10, 1925.
Underwear and scarfs, Ladies'. Traylance Mfg. & Importing Co. 209,235; Feb. 16; Serial No. 218,437; published Nov. 10, 1925.
Underwear, Knit. Maline Mills Company. 209,061; Feb. 16; Serial No. 204,918; published Nov. 17, 1925.
Underwear, Women's knitted. R. H. Macy & Co. 209,157; Feb. 16; Serial No. 216,418; published Nov. 10, 1925.
Vests. George W. Heller, Inc. 209,117; Feb. 16; Serial No. 220,609; published Nov. 17, 1925.

CLASS 40.

Dress shields. I. B. Kleinert Rubber Company. 52,549; renewed May 15, 1926.
Dress shields. I. B. Kleinert Rubber Company. 52,571–5; renewed May 15, 1926.

CLASS 42.

Cloths and stuffs. G & G Kynoch Limited. 209,090; Feb. 16; Serial No. 219,338; published Nov. 24, 1925.
Cotton and silk-cotton piece goods. M. Doob, Sons & Company. 209,054; Feb. 16; Serial No. 207,859; published Nov. 24, 1925.
Cotton piece goods. Kelsey-Wilton Textile Corporation. 209,095; Feb. 16; Serial No. 218,920; published Nov. 24, 1925.
Cotton piece goods. Massachusetts Cotton Mills. 48,484; renewed Jan. 2, 1926.
Cotton piece goods. Massachusetts Cotton Mills. 48,503; renewed Jan. 2, 1926.
Cotton piece goods. Massachusetts Cotton Mills. 48,639; renewed Jan. 9, 1926.
Cotton piece goods. Massachusetts Cotton Mills. 49,077; renewed Jan. 23, 1926.
Cotton piece goods. Massachusetts Cotton Mills. 49,211–12; renewed Jan. 23, 1926.
Cotton piece goods. Massachusetts Cotton Mills. 49,288; renewed Jan. 30, 1926.
Cotton piece goods. Massachusetts Cotton Mills. 49,718–20; renewed Feb. 13, 1926.
Cotton piece goods. Ninety Six Cotton Mill. 53,560; renewed June 5, 1926.
Cotton piece goods. Tootal Broadhurst Lee Company Limited. 209,016; Feb. 16; Serial No. 221,648; published Nov. 24, 1925.
Cotton piece goods, silk piece goods, and mixtures thereof. Nathan H. Rich & Bro. 209,017; Feb. 16; Serial No. 221,382; published Nov. 24, 1925.
Cotton, silk, and linen goods and mixtures of cotton and silk and linen and silk. Jacob Miller's Sons Co. 209,152; Feb. 16; Serial No. 220,246; published Nov. 24, 1925.
Cotton tablecloths, napkins, table runners, and doilies. Fearing, Whiton & Co. 209,171; Feb. 16; Serial No. 213,704; published Nov. 24, 1925.
Drillings and sheetings. Massachusetts Cotton Mills. 49,440; renewed Feb. 6, 1926.
Fabrics, Woven wool coating. C. Bahnsen & Co. 209,066; Feb. 16; Serial No. 202,546; published Nov. 24, 1925.
Fabrics, Woven worsted coating. C. Bahnsen & Co. 209,067; Feb. 16; Serial No. 202,545; published Nov. 24, 1925.
Handkerchiefs. National Permanent Decorating Company. 209,288; Feb. 16, 1926.
Mitts, Bath. B. N. Kidd. 209,070; Feb. 16; Serial No. 200,452; published Nov. 24, 1925.
Silk and cotton and mixtures thereof, Piece goods made of. W. T. Grant Company. 209,173; Feb. 16; Serial No. 212,552; published Nov. 24, 1925.
Silk and wool coating fabrics. C. Bahnsen & Co. 209,068; Feb. 16; Serial No. 202,544; published Nov. 24, 1925.
Silk piece goods. Susquehanna Silk Mills. 209,146–7; Feb. 16; Serial Nos. 220,374–5; published Nov. 24, 1925.
Silk piece goods and silk and cotton piece goods. Susquehanna Silk Mills. 209,148; Feb. 16; Serial No. 220,373; published Nov. 24, 1925.
Silks and silk mixtures in the piece. Krone & Jacobson, Inc. 209,196; Feb. 16; Serial No. 214,965; published Nov. 24, 1925.
Woolen goods in the piece. Kemp-Booth Company Limited. 209,018; Feb. 16; Serial No. 221,369; published Nov. 24, 1925.
Woolen piece goods. C. M. De Land. 209,161; Feb. 16; Serial No. 216,090; published Nov. 24, 1925.

CLASS 43.

Yarns. Henry E. Frankenberg Company. 52,442–3; renewed May 8, 1926.

CLASS 44.

Compounds, Investment and impression. S. S. White Dental Mfg. Co. 53,360; renewed May 29, 1926.

CLASS 45.

Beverage sold as a soft drink. C. E. Culpeper. 209,193; Feb. 16; Serial No. 193,759; published May 6, 1924.
Beverages sold as soft drinks. S. D. Lefas. 209,025; Feb. 16; Serial No. 221,120; published Dec. 1, 1925.
Beverages sold as soft drinks. Yankee Bottling Co. 209,029; Feb. 16; Serial No. 220,694; published Dec. 1, 1925.
Ginger ale. Hagan & Dodd Co. 53,598; renewed June 5, 1926.
Grape juice. American Stores Company. 209,027; Feb. 16; Serial No. 220,824; published Dec. 1, 1925.

CLASS 46.

Almonds, candy, and chocolate-coated almonds. W. Prentiss, jr. 209,228; Feb. 16; Serial No. 200,580; published Mar. 24, 1925.
Bread, Hard. Crispette Company. 209,086; Feb. 16; Serial No. 221,242; published Dec. 1, 1925.
Butter. Miller-Rose Company. 209,084; Feb. 16; Serial No. 221,269; published Dec. 1, 1925.
Butterine. Braun & Fitts, Inc. 49,761; renewed Feb. 13, 1926.
Butterine or oleomargarine. Braun & Fitts, Inc. 48,908; renewed Jan. 16, 1926.
Butterine or oleomargarine. Braun & Fitts, Inc. 48,980; renewed Jan. 16, 1926.
Butterine or oleomargarine. Braun & Fitts, Inc. 51,119; renewed Apr. 3, 1926.
Candies, Bread and Breed. 209,187; Feb. 16; Serial No. 217,321; published Oct. 27, 1925.
Candy. H. L. Hildreth. 52,070; renewed May 1, 1926.
Candy. Pendergast Candy Company. 208,995; Feb. 16; Serial No. 218,998; published Nov. 24, 1925.
Candy. Schutter-Johnson Candy Co. 209,211; Feb. 16; Serial No. 191,349; published Dec. 15, 1925.
Candy. P. Wunderle. 52,350; renewed May 8, 1926.
Candy. P. Wunderle. 52,582; renewed May 15, 1926.
Candy. P. Wunderle. 53,653; renewed June 5, 1926.
Canned fruits and vegetables. S. Hamill Company. 52,936; renewed May 22, 1926.
Canned fruits and vegetables. W. R. Roach & Co. 209,224; Feb. 16; Serial No. 214,926; published July 14, 1925.
Canned fruits and vegetables. Frank C. Weber and Co. 49,650; renewed Feb. 13, 1926.
Canned peas. Oconomowoc Canning Co. 209,110; Feb. 16; Serial No. 219,905; published Nov. 17, 1925.
Canned peas. Owen Canning Company. 209,209; Feb. 16; Serial No. 218,201; published Sept. 15, 1925.
Chocolates, Filled. Riggi Bros., Inc. 209,060; Feb. 16; Serial No. 205,712; published Nov. 24, 1925.
Cocoa and chocolate. Hawley & Hoops. 54,008; renewed June 19, 1926.
Coffee. Arbuckle Bros. 50,455; renewed Mar. 20, 1926.
Coffee. Kona Coffee Company. 209,214; Feb. 16; Serial No. 218,705; published Nov. 17, 1925.
Coffee. A. Schilling & Co. 209,231; Feb. 16; Serial No. 173,728; published Nov. 17, 1925.
Condiments, sauces, bouillon cubes, etc. Haco-Gesellschaft A.-G. Bern. 209,045; Feb. 16; Serial No. 208,810; published Nov. 17, 1925.
Crackers, Cheese. Loose-Wiles Biscuit Company. 209,085; Feb. 16; Serial No. 221,264; published Dec. 1, 1925.
Dates, Deglet Noor Date Growers Association. 209,221; Feb. 16; Serial No. 216,886; published Sept. 15, 1925.
Eggs. Miller-Rose Company. 209,083; Feb. 16; Serial No. 221,270; published Dec. 1, 1925.
Entremets, Devilled. William Underwood Co. 44,765; renewed July 25, 1925.
Feed, Poultry. Larrowe Milling Company. 209,254; Feb. 16; Serial No. 220,197; published Nov. 24, 1925.
Feed, Stock and poultry. Washburn Crosby Company. 209,081; Feb. 16; Serial No. 221,295; published Dec. 1, 1925.
Flavoring extracts, Food-. P. Habenschaden. 209,150; Feb. 16; Serial No. 220,341; published Nov. 24, 1925.
Flour, Wheat. Ansted & Burk Company. 52,672; renewed May 15, 1926.
Flour, Wheat. Colorado Milling & Elevator Co. 209,021; Feb. 16; Serial No. 221,239; published Dec. 1, 1925.
Flour, Wheat. Charles King & Son. 51,498; renewed Apr. 17, 1926.
Flour, Wheat. Sparks Milling Company. 209,082; Feb. 16; Serial No. 221,284; published Dec. 1, 1925.
Flours, meal, cereals, bran, and stock feeds. Bay State Milling Company. 209,023; Feb. 16; Serial No. 221,229; published Dec. 1, 1925.
Food and medicine for poultry. Dr. Hess & Clark. 51,558; renewed Apr. 17, 1926.
Fruits and fresh grapes, Fresh deciduous. Mettler Fruit Co. 209,220; Feb. 16; Serial No. 216,922; published Nov. 17, 1925.
Fruits, Fresh citrous and deciduous. Mountain View Fruit Association. 209,191; Feb. 16; Serial No. 209,857; published June 16, 1925.
Ginger snaps. Pennsylvania Baking Company. 52,523; renewed May 8, 1926.
Jams, jellies, fruit butters, etc. George S. Murphy, Inc. 209,195; Feb. 16; Serial No. 184,510; published July 8, 1924.
Lozenges. A. Slauson & Co. 51,431–3; renewed Apr. 17, 1926.
Marmalade and fruit butter. Hawaiian Pineapple Company. 209,194; Feb. 16; Serial No. 187,677; published June 3, 1924.
Meal, semolina, and rye flour, Corn. Washburn Crosby Company. 209,080; Feb. 16; Serial No. 221,296; published Dec. 1, 1925.
Milk chocolate. Knickerbocker Chocolate Co. 209,175; Feb. 16; Serial No. 210,847; published Nov. 17, 1925.
Oil, Olive. T. Sougelas. 209,138; Feb. 16; Serial No. 220,978; published Nov. 24, 1925.
Olives. C. Gulden. 53,099; renewed May 29, 1926.
Oranges, lemons, and grapefruit. Duarte-Monrovia Citrus Association. 209,257; Feb. 16; Serial No. 219,819; published Nov. 17, 1925.
Pepper, Dried sweet. Chili Products Corporation. 209,079; Feb. 16; Serial No. 221,304; published Dec. 1, 1925.
Pickles. Squire Dingee Co. 53,500; renewed June 5, 1926.
Sauerkraut. E. A. Ransing Sons. 209,164; Feb. 16; Serial No. 215,220; published Nov. 17, 1925.
Teas, spices, flavoring extracts, vinegar, and mustard. H-A-S Coffee Company. 209,102; Feb. 16; Serial No. 218,483; published Nov. 24, 1925.
Yeast, Compressed. Fleischmann Co. 52,999; renewed May 22, 1926.

CLASS 47.

Wine. Italian Swiss Colony. 50,096; renewed Mar. 6, 1926.

CLASS 48.

Malt extracts. Modern Pure Food Products Co. 209,078; Feb. 16; Serial No. 221,494; published Dec. 1, 1925.

CLASS 50.

Awnings. Couch Bros. Manufacturing Co. 209,177; Feb. 16; Serial No. 219,382; published Nov. 10, 1925.
Awnings. Geo. B. Carpenter & Co. 209,107; Feb. 16; Serial No. 219,376; published Nov. 17, 1925.
Cork sheets and blocks, coverings for textile rolls, and sealing disks for closures, Composition. Crown Cork and Seal Company of Baltimore City. 209,181; Feb. 16; Serial No. 219,062; published Nov. 10, 1925.
Cotton, linen, or silk textile fabrics in the piece. E. S. Twining & Company. 209,219; Feb. 16; Serial No. 217,191; published Nov. 17, 1925.
Jar caps or closures. W. J. Peelle. 209,183; Feb. 16; Serial No. 218,203; published Nov. 10, 1925.

ALPHABETICAL LIST OF LABELS.

Admirola Beauty Soap. For Beauty Soap. Admirola Chemical Co. 29,928; Feb. 16.
Admirola Bleach Creme. For Bleach Crème. Admirola Chemical Co. 29,927; Feb. 16.
Admirola Cold Cream. For Cold Cream. Admirola Chemical Co. 29,929; Feb. 16.
Admirola Vanishing Cream. For Vanishing Cream. Admirola Chemical Co. 29,930; Feb. 16.
Arrowhead. For Ginger Ale. Arrowhead Springs Corporation. 29,933; Feb. 16.
Cal-Ade. For an Orange Drink. Exchange Orange Products Company. 29,941; Feb. 16.
California Improved Boiler Metal Treatment. For Boiler Compound for Prevention of Deleterious Action of Waters When Used in Steam Boilers. Wilson-Spear Co. 29,959; Feb. 16.
C'Est-Tres-Chic. For Hair Nets. Samstag & Hilder Bros., Inc. 29,957; Feb. 16.
Desert Gold. For Cantaloupes. T. M. Amendola. 29,931; Feb. 16.
Equity Eggs. For Eggs. Hickman & Coward. 29,949; Feb. 16.
Frisch Process. For Bread. E. Frisch. 29,946; Feb. 16.
High and Low. For Hosiery. Chipman Knitting Mills. 29,938; Feb. 16.
I X L Brand High Gluten Flour. For Flour. Standard Bakers Supply Co. 29,958; Feb. 16.
Jenny Maid Garment Lot, Size. Jenny Maid Mfg. Co., Saginaw, Mich. For Garments. L. and A. Dembinski. 29,940; Feb. 16.

Keltner's Kel-O-Sis. For Medicine for Stomach and Intestinal Disturbances Caused by Hyperacidity. M. M. Keltner. 29,952; Feb. 16.
Kidd's Peanut Brittle Candy. For Peanut Brittle Candy. Kidd and Company. 29,953. Feb. 16.
Lady Grey. For Perfume. S. J. Beggs. 29,934; Feb. 16.
Lavender & Old Lace. For Candy. Helen Ardelle Candy Company. 29,932; Feb. 16.
Milani's Special Roquefort Cheese Dressing. For Salad Dressing. The Milani Co. 29,954; Feb. 16.
Morning Glory. For Tomatoes. Glore & Rick. 29,948; Feb. 16.
Morro Rock. For Lettuce. R. J. Richards. 29,956; Feb. 16.
Mothgas. For Paradichlorbensene, a Crystalline Substance. F. C. Keesecker. 29,951; Feb. 16.
Petite Dame Frocks. For Ladies' Dresses, Manufactured Solely for Use by Small Women. Mirkin & Levitt, Inc. 29,955; Feb. 16.
Pleasant Valley. For Butter. T. F. Gallagher. 29,947; Feb. 16.
Princess Steppe. For Ladies' Underwear. Champion Underwear Co. 29,937; Feb. 16.
R-Juna Skin Crème. For Skin Crème. A. A. Fahlstrom. 29,943; Feb. 16.
Remasan Blood Regulator. For Medicinal Preparations. E. J. Connell. 29,939; Feb. 16.
Royal Mix. For a Nonalcoholic, Maltless Beverage Sold as a Soft Drink. Bordo Mfg. Co. 29,935; Feb. 16.
S C Co. For Cigars. S. Campanella. 29,936; Feb. 16.
Skyrocket. For Fresh Oranges. Exeter Citrus Association. 29,942; Feb. 16.
Sunny Sea. For Canned Pineapple. Fletcher, Wiest & Co. 29,945; Feb. 16.
Tastee. For Canned Pineapple. Fletcher, Wiest & Co. 29,944; Feb. 16.
'Twas The Night Before Christmas.' For Hosiery. Interwoven Stocking Company. 29,950; Feb. 16.

ALPHABETICAL LIST OF PRINTS.

Above All Others. For Food Products. Mrs. L. Gaetano and C. Martorelli, executors. 8,571; Feb. 16.
Certificate Of Authority. For a Beverage Called "Moxie". Moxie Company. 8,575; Feb. 16.
Child Specialists Advise. For Wheat Breakfast Food. Cream of Wheat Co. 8,569; Feb. 16.
Free To Teachers—A New Plan For Teaching Health Habits From Kindergarten To High School. For Wheat Breakfast Food. Cream of Wheat Co. 8,568; Feb. 16.
From Vine To Glass Within An Hour. For Groceries. Reid, Murdoch & Co. 8,576; Feb. 16.
Grace Tancill Dresses, Made To Individual Measurements, 5117 Waterman Avenue, Saint Louis. For Dresses. G. Tancill. 8,578; Feb. 16.
Grafeman-McIntosh Ice Cream Company, Perfection Ice Cream & Dairy Products, St. Louis, Mo. For Ice Cream and Dairy Products. Grafeman-McIntosh Ice Cream Company. 8,573; Feb. 16.
Something Novel. For Crane's Cordlinear. Eaton, Crane & Pike Co. 8,570; Feb. 16.
Sun-Proof No-Glare Shields. For Eye Shields. Roslinoid Mfg. Co. 8,577; Feb. 16.
The Over-Awl Kid. For Paint. G. L. Liebich Co. 8,574; Feb. 16.
Wall Paper Roll. For Wall-Paper Hangings, Paints, and Supplies. R. N. Beard. 8,567; Feb. 16.
Ya-Lo The Football Card Game. For the Football Card Game. E. J. Graber. 8,572; Feb. 16.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal. Logan-Pocahontas Fuel Company. 224,463–5; Feb. 16.
Leather, unwrought skins, furs, wool, and tallow. J. Kennon & Sons Proprietary Limited. 216,733; Feb. 16.
Skins, Tanned or raw. W. Stevens. 224,484; Feb. 16.

CLASS 4.

Cleaning fluids, Dry-. D. Blum & Co. 223,998; Feb. 16.
Cleanser of rugs, draperies, etc. H. E. Richardson. 170,898; Feb. 16.
Dressing, Belt. Wisconsin Increasing Power Company. 224,793; Feb. 16.
Soaps and cleaners. Great American Tea Company. 209,084; Feb. 16.
Turpentine. L. Y. Clark. 219,059; Feb. 16.
Washing compound and soap. F. P. Goodwin. 225,473; Feb. 16.

CLASS 5.

Paste, Thin. M. Witmark & Sons. 220,268; Feb. 16.
Tire patch. C. J. Livengood. 223,310; Feb. 16.

CLASS 6.

Antiseptic and deodorant liquid. W. I. Hoft. 220,234; Feb. 16.
Compound for extinguishing fires, Chemical. R. H. Pratt. 225,278; Feb. 16.
Cream, Face. F. Busso. 224,207; Feb. 16.
Hairdressing cream. G. Cardone. 225,347; Feb. 16.
Insecticides. A. R. Crossley. 224,862; Feb. 16.
Laxative tablets. Johnstone Laboratories, Inc. 224,915; Feb. 16.
Lotions, toilet powders, and face creams, Face. Thompson-Barlow Company. 203,155; Feb. 16.
Medicine for syphilis, etc. E. S. Miller. 224,877; Feb. 16.
Medicines. C. F. W. Cook. 224,904; Feb. 16.
Powders, toilet waters, perfumes, etc., Face. Paris Laboratories. 225,202; Feb. 16.
Powders, toilet waters, perfumes, etc., Face. V. Vivaudou. 224,888; Feb. 16.
Salve. E. A. Coley. 223,767; Feb. 16.
Tablets, Breath. M. A. Buteau. 225,254; Feb. 16.
Tablets, Laxative. R. F. Reser. 216,935; Feb. 16.

CLASS 8.

Cigarette papers. G. Kazes. 225,228; Feb. 16.

CLASS 12.

Barriers for electric conductors, apparatus, slabs for partition walls, and bus and switch cell structures, doors, and covers. Deceleco, Inc. 224,695; Feb. 16.
Bituminous emulsions for use as a binding medium in road making, briquetting, and similar manufactures. Asphalt Cold Mix Limited. 216,377; Feb. 16.
Cement. Bessemer Limestone and Cement Company. 224,172; Feb. 16.
Cement. Inland Fire Brick Co. 215,576; Feb. 16.
Cement or other porous building material, Waterproofing. F. H. Bergmann. 224,229–30; Feb. 16.
Cement or other porous material, Preparation for waterproofing. Permanent Waterproofing Co. 224,263; Feb. 16.
Cement, Portland. Lehigh Portland Cement Company. 223,586; Feb. 16.
Cement-surface hardener, Compound for use as a. Sullivan Company. 219,860; Feb. 16.
Flooring. Muskoka Wood Mfg. Co. 222,991; Feb. 16.
Lath, Plaster. Buttonlath Manufacturing Co. 168,915; Feb. 16.
Lime for building purposes. Connecticut Lime Co. 222,599; Feb. 16.
Slates, tiles, plates, paving bricks, etc. Societe Française de l'Everite. 201,052–4; Feb. 16.
Tiles. C. Pardee Works. 222,792; Feb. 16.
Tiles and tile door frames. Grueby Faience and Tile Company. 224,185; Feb. 16.
Tiles, faience, and tile door frames. C. Pardee Works. 224,202; Feb. 16.
Tiling. Del Monte Properties Company. 220,114; Feb. 16.
Weather strips. Filardi Bros. 224,700; Feb. 16.

CLASS 13.

Coffee infusers. Tricolator Company. 225,496; Feb. 16.
Culinary, household, and dairy utensils, Metal. Reed Manufacturing Co. 225,279; Feb. 16.
Culinary, household, and dairy utensils, Metal. Reed Manufacturing Co. 225,281; Feb. 16.
Valves, Relief. A. Friedman. 225,411; Feb. 16.

CLASS 14.

Alloy of metals. Dunham Company. 224,961; Feb. 16.
Castings, also rolled and hammered bars and forgings of carbon and alloy steels. J. C. McGuire. 225,128; Feb. 16.
Lead, solder, and babbitt, etc. American Smelting & Refining Company. 225,542; Feb. 16.
Lead, solder, and babbitt, etc. American Smelting & Refining Company. 225,544; Feb. 16.
Steel, Tool. Horace T. Potts & Co. 225,675; Feb. 16.
Welding rods, Mild-steel, iron, and high-carbon. Stoody Company. 225,530; Feb. 16.
Welding rods, Selt-hardening alloy-steel. Stoody Company. 225,529; Feb. 16.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 15.

Grease in the form of a heavy lubricant. Christian-Able Company. 214,400; Feb. 16.
Grease, Lubricating. Christian-Able Company. 214,399; Feb. 16.
Oils for confectioners' use, Lubricating and slab. Underhay Oil Co. 224,847; Feb. 16.
Oils, Motor-lubricating. Dearborn Chemical Company. 224,906; Feb. 16.

CLASS 16.

Pigments. Dye and Chemical Company of Canada, Limited. 218,475; Feb. 16.
Polish, Furniture. F. B. Duncan. 218,746; Feb. 16.

CLASS 19.

Automobile ventilator protectors. Protect-A-Vent Company. 223,544; Feb. 16.
Automobiles and parts thereof. J. G. Sterling. 217,425; Feb. 16.
Automobiles, Lubricating spring covers for. Wefco Company. 223,006; Feb. 16.
Automotive vehicles and their component parts. Pierce-Arrow Motor Car Company. 223,407–8; Feb. 16.
Trailers. Nutting Truck Co. 224,470; Feb. 16.

CLASS 22.

Balls, Golf. Davega, Inc. 210,116; Feb. 16.
Fish bait. K. Johnson. 206,410; Feb. 16.
Game, Card. Seymour and Muir Printing Company. 224,058; Feb. 16.
Sleds. V. E. Pearson. 224,291; Feb. 16.
Toy animals. B. L. Heustis. 221,831; Feb. 16.
Toy, Novelty. J. H. Blanchard. 223,682; Feb. 16.
Toy vehicles, Children's. H. Brockmeyer. 222,782; Feb. 16.

CLASS 23.

Filters, Oil. Motor Improvements, Inc. 222,333; Feb. 16.

CLASS 26.

Gauges, Liquid-level. King-Seeley Corporation. 223,042–3; Feb. 16.
Picture films, Motion-. Film Booking Offices of America, Inc. 213,561; Feb. 16.
Scales, Weighing. J. B. Watling. 224,120; Feb. 16.

CLASS 32.

Bed springs. Perfection Mattress and Spring Co. 224,422; Feb. 16.

CLASS 33.

Glasses, bowls, pitchers, vases, etc. Adolphe Schloss Fils & Cie. 208,430; Feb. 16.
Lens used in connection with automobile lamps. Indiana Lamp Corporation. 219,280; Feb. 16.

CLASS 35.

Tire patches. K. C. Chemical Company. 221,260; Feb. 16.

CLASS 37.

Binders and sheets therefor, writing tablets and paper, envelopes, pens, pencils, papeteries. Girl Scouts. 206,964; Feb. 16.
Forms, Contract. T. R. Ferguson. 222,316; Feb. 16.
Paper, Toilet. J. E. Linde Paper Co. 225,230; Feb. 16.
Pencils. Joseph Dixon Crucible Company. 224,975; Feb. 16.
Pencils and pencil protectors, Lead. American Lead Pencil Company. 225,249; Feb. 16.
Pencils, Lead. J. S. Staedtler, Inc. 225,059; Feb. 16.
Pencils, Lead. J. S. Staedtler, Inc. 225,060; Feb. 16.
Pencils, Lead, J. S. Staedtler, Inc. 225,062–3; Feb. 16.
Pens, Fountain. Postal Pen Company. 224,831; Feb. 16.
Pens, Fountain. Transo-Tank Pen Company. 224,845; Feb. 16.

CLASS 38.

Organ and periodical, House. Superior Portland Cement Company. 221,645; Feb. 16.

CLASS 39.

Belts for personal wear. Apex Belt Co. 219,797; Feb. 16.
Boots and shoes. J. W. Carter Company. 225,113; Feb. 16.
Boots and shoes. International Shoe Company. 225,308; Feb. 16.
Corsets. John Wanamaker Philadelphia. 225,049; Feb. 16.
Cravats. Levine & Jaffe. 224,873; Feb. 16.
Garters, arm bands, and rubber kitchen aprons. I. Goldberg. 213,568; Feb. 16.
Gloves made of leather. D. J. Stone. 207,211; Feb. 16.
Gloves, mittens, and gauntlets, Work. M. B. Hamilton & Co. 221,827; Feb. 16.
Hats. Miklos & Hershey, Inc. 220,786; Feb. 16.
Hats, Ladies'. De Marinis & Lorie, Inc. 223,286; Feb. 16.
Hats, Ladies'. Self Service Millinery Stores, Inc. 223,553; Feb. 16.
Hats, Ladies'. Sultzer-Henderson Co. 222,202; Feb. 16.
Hats, Ladies' and misses'. King & Appelbaum. 214,667; Feb. 16.
Hats, Mens'. Long's Hat Stores. 216,192; Feb. 16.
Hats, Men's. Murphy Gorman Company. 224,033; Feb. 16.
Hats, Men's and women's. J. G. Smyth & Co. 206,808; Feb. 16.
Hose, Men's half. Climax Hosiery Mills. 224,745; Feb. 16.
Princess and costume slips, boudoir caps, brassières, garters for women and children. Wurdeman Textile Mills, Inc. 219,416; Feb. 16.
Shoes. Tuttle-Scott Stores, Inc. 223,563–4; Feb. 16.
Suits and coats, Men's. Hart, Schaffner & Marx. 224,559; Feb. 16.
Underwear and outer wear, Women's and children's. Higginbotham-Bailey-Logan Company. 205,272; Feb. 16.
Waterproof and rainproof clothing. J. Weinberg and Sons. 221,678; Feb. 16.

CLASS 40.

Artificial flowers, fans, barettes, combs, hairpins, and shoehorns. Woodward & Lothrop. 223,268; Feb. 16.
Buttons and buckles. Bakelite Corporation. 222,157; Feb. 16.
Tapes and trimmings, Bias-fold. William E. Wright and Sons Company. 224,638; Feb. 16.

CLASS 42.

Blankets and blanket material in the piece, Textile. Esmond Mills. 225,876; Feb. 16.
Cotton fabrics, mixtures of cotton and silk, mixtures of cotton and wool, and mixtures of cotton, silk, and wool. Cohn-Hall-Marx Co. 217,660; Feb. 16.
Cotton piece goods. Appleton Company. 225,793; Feb. 16.
Cotton piece goods. J. L. Stifel & Sons. 225,748; Feb. 16.
Drapery fabrics of cotton, wool, silk, and mixtures thereof. Cohn-Hall-Marx Co. 223,621; Feb. 16.
Duck cloth, Cotton. Palmetto Cotton Mills Incorporated. 213,667; Feb. 16.
Handkerchiefs. Sterling Handkerchief Manufacturing Co. 224,434; Feb. 16.
Handkerchiefs. Sterling Handkerchief Manufacturing Co. 225,814; Feb. 16.
Padding for laundry-machinery rolls, Woven cotton. Tingue, Brown & Co. 212,161; Feb. 16.
Silk, artificial silk, sateen, etc., fabrics in the piece. A. Hoenigsberger. 221,745; Feb. 16.
Silk piece goods. Stehli Silks Corporation. 223,146; Feb. 16.
Wool cloth in the piece. S. Stroock & Co. 211,390; Feb. 16.
Woolen piece goods. Forstmann & Huffmann Company. 224,377; Feb. 16.
Worsted and woolen dress goods manufactured in the piece. F. A. Bochmann & Co. 225,642; Feb. 16.

CLASS 43.

Rayon in the form of yarn or thread. Belamose Corporation. 223,429; Feb. 16.

CLASS 44.

Arch supports. Anklarch Company 225,393; Feb. 16.
Bedpans, urinals, basins, and irrigators. Reed Manufacturing Co. 225,283; Feb. 16.
Heating bags, Chemical. J. M. Dennison. 224,750; Feb. 16.
Lamps, Therapeutic. Burdick Cabinet Company. 225,170; Feb. 16.
Serviettes. Thomas Products, Inc. 223,814; Feb 16.

CLASS 45.

Beverages sold as soft drinks. J. Nocera. 224,259;

CLASS 46.

Apples, apple butter, and apple preserves. Ridgewood Fruit Growers, Inc. 200,461; Feb. 16.
Apples, Fresh. W. Greig. 223,712; Feb. 16.
Bran, Wheat. Pillsbury Flour Mills Company. 207,032; Feb. 16.
Bread sticks and bread, Italian. Dan-Say Baking Co. 224,599; Feb. 16.
Cakes, cookies, crackers, pies, and bread. V. Jones. 107,246; Feb. 16.
Candy. National Mint Company. 224,777; Feb. 16.
Candy. Salvo & Berdon Candy Co. 221,282; Feb. 16.
Candy article. Norma Chocolate Co. 225,727; Feb. 16.
Canned berries. Berry Growers Packing Co. 199,668; Feb. 16.
Canned fruits. Sutter Co-Operative Growers. 215,425; Feb. 16.
Canned fruits and vegetables. United States Products Corporation. 224,681; Feb. 16.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Canned fruits, fish, and vegetables and dried fruits and canned fruit salads. J. J. Flatley. 225,654; Feb. 16.
Canned fruits, vegetables, and fish. Van Landingham Co. 224,268; Feb. 16.
Canned goods. John F. Lalla Company. 224,519; Feb. 16.
Canned grapefruit. Fruit Products Co. 225,088; Feb. 16.
Canned salmon. Sabastian-Stuart Fish Co. 214,097; Feb. 16.
Caramels. Fair Play Caramels, Inc. 218,056; Feb. 16.
Cereals, Breakfast. Wheatal Company. 224,851; Feb. 16.
Cheese. Roethlisberger & Sohn. 221,773; Feb. 16.
Coffee. C. P. Auringer. 221,401; Feb. 16.
Coffee. Page Coffee Company. 225,728–9; Feb. 16.
Coffee and tea. Clare E. Halladay Coffee Company. 205,478; Feb. 16.
Confection made from pop corn, coconut, and sirup. E. W. Hunt. 222,568; Feb. 16.
Extracts, canned goods, etc., Food-flavoring. Foley Bros. Grocery Co. 221,249; Feb. 16.
Fish, Fresh and cured. National Fish Co. Ltd. 218,988; Feb. 16.
Flour made from wheat. Pillsbury Flour Mills Company. 207,031; Feb. 16.
Flour, Pancake. Pillsbury Flour Mills Company. 207,030; Feb. 16.
Flour, Wheat. Russell-Miller Milling Co. 224,990; Feb. 16.
Flour, Wheat. Russell-Miller Milling Co. 224,991; Feb. 16.
Food for use in the treatment of diabetes, Dietetic. Society of Chemical Industry in Basle. 224,835; Feb. 16.
Food for use in the treatment of diabetes, Dietetic. Society of Chemical Industry in Basle. 224,837–8; Feb. 16.
Food product. Schreiber Products Corporation. 225,039; Feb. 16.
Fruits, Fresh citrous. Grand View Heights Citrus Assn. 221,363; Feb. 16.
Fruits, Fresh citrous. Sunland Packing House Company. 215,223; Feb. 16.
Fruits, Fresh citrous. Texas Citrus Fruit Growers Exchange. 219,863; Feb. 16.
Grapes, Fresh. Walter Brothers. 219,865; Feb. 16.
Ice cream. F. Hassel. 215,629; Feb. 16.
Jams, jellies, and fruit preserves. Best-Clymer Co. 209,968; Feb. 16.
Jellies, jams, fruit butters, etc. Blanke Baer Extract & Preserving Company. 209,154; Feb. 16.
Macaroni. F. Pepe Macaroni Co. 224,928; Feb. 16.
Milk containing chocolate-flavored sirup. Pure Food Laboratories Company. 206,492; Feb. 16.
Mustard, Prepared. Stickney & Poor Spice Co. 224,994; Feb. 16.
Oleomargarine. John F. Jelke Company. 207,379; Feb. 16.
Oleomargarine. Swift and Company. 224,995; Feb. 16.
Oranges and lemons, Fresh. Rialto Heights Association. 225,523; Feb. 16.
Pickles. F. P. Keene. 224,765; Feb. 16.
Potato flakes. E. J. Metz. 222,389; Feb. 16.
Potatoes. J. W. Barrett. 224,072; Feb. 16.
Shortening, Vegetable. Van Camp Packing Company. 225,688; Feb. 16.
Tea. Seeman Brothers, Inc. 225,742; Feb. 16.
Vegetables, Fresh. C. B. Williams. 225,535; Feb. 16.

CLASS 48.

Malt extracts and liquors. H. D. Stratton. 223,451; Feb. 16.

CLASS 50.

Blackboards. Beckley-Cardy Company. 215,115; Feb. 16.
Leather cloth. Nobel Industries, Limited. 223,861; Feb. 16.
Leather cloth. Storey Brothers & Company. 221,723; Feb. 16.
Mattress-protecting shield, Sanitary. H. A. Copeland. 224,500; Feb. 16.
Phonograph records and rosaries. Bakelite Corporation. 212,527; Feb. 16.
Tents. M. L. Vanderherchen. 212,519; Feb. 16.
Tents and awnings. Williams Tent & Awning Co. 224,486; Feb. 16.
Textile material, Coated. C. R. Whiting Co. 219,157; Feb. 16.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 16TH DAY OF FEBRUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

A/S Krystal. (See Isaachsen, Isak, assignor.)
Aalborg, Christian, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Graphic-meter-control mechanism. 1,572,871; Feb. 16.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Backplate for lighting fixtures. Des. 69,423; Feb. 16.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Arm for lighting fixtures. Des. 69,424; Feb. 16.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Rosette for lighting fixtures. Des. 69,425; Feb. 16.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Canopy for lighting fixtures. Des. 69,426; Feb. 16.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Arm for lighting fixtures. Des. 69,427; Feb. 16.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Segmental portion for lighting fixtures. Des. 69,428; Feb. 16.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Arm for lighting fixtures. Des. 69,429; Feb. 16.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Candle plate. Des. 69,430; Feb. 16.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Plate for lighting fixtures. Des. 69,431; Feb. 16.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Loop for lighting fixtures. Des. 69,432; Feb. 16.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Plate for lighting fixtures. Des. 69,433; Feb. 16.
Acosta, Adolfo. (See Ledesma, M., and Acosta.)
Acosta, St. Elmo W., Jacksonville, Fla. Flag holder. 1,573,757; Feb. 16.
Adams, Arthur H., Lakeville, Conn., assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnet. 1,572,869; Feb. 16.
Adkison, John S. (See Diamond, Rubin L., assignor.)
Akins, Bryant L., Brooklyn, N. Y. Directory board. 1,573,126; Feb. 16.
Aktiebolaget Gebr. Arehns Mekaniska Verkstad. (See Ekström, Gunnar C., assignor.)
Aktiebolaget Vaporackumulator. (See Ruths, J., and Persson, assignors.)
Aktiebolaget Vaporackumulator. (See Ruths, Johannes K., assignor.)
Alben, Frank L., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Driver brake shoe. 1,572,872; Feb. 16.
Albright, John F., Oregon City, Oreg. Fish ladder. 1,573,785; Feb. 16.
Albright, Sidney S., Sacramento, Calif. Window control for vehicle tops. 1,573,473; Feb. 16.
Aldrich, George H., and A. L. Gilbo, Westmoreland Depot, N. H. Poultry feeder. 1,572,981; Feb. 16.
Aldrich, John P., and H. A. Morris, assignors to The Automat Molding & Folding Machine Company, Toledo, Ohio. Stacking machine. 1,573,024; Feb. 16.
Alexander, Clive M., New York, N. Y. Process and apparatus for decomposing oils. 1,573,582; Feb. 16.
All Clear Windshields, Inc. (See Demand, Joseph, assignor.)
Allgemeine Elektricitats Gesellschaft. (See Kieser, Walter, assignor.)
Allcutt, Chester T., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. High-frequency dielectric and magnetic furnace. 1,572,873; Feb. 16.
Allen, Arthur M., Mesa, assignor of one-fourth to E. Kirby and one-fourth to L. L. Long, Connell, Wash. Shimless bearing. 1,573,110; Feb. 16.
Allston, Joseph B., Georgetown, S. C. Meal kit. 1,573,620; Feb. 16.
Alstad, Oscar, Evansville, Minn. Automatic speed-controlled device. 1,573,621; Feb. 16.
Amari, Thony. (See Brignolo, C., Amari, and Brignolo.)
American Chain Company, Inc. (See Fageol, Rollie B., assignor.)
American Demulsifying Company. (See Leeper, Wadsworth D., assignor.)
American Hardware Corporation, The. (See Hurd, Norman B., assignor.)
American Iron & Machine Works, Inc. (See Crosby, Arthur S., assignor.)
American Laundry Machinery Company, The, et al. (See Braley, Charles L., assignor.)
American Laundry Machinery Company, The. (See Wilson, George W., assignor.)
American Optical Company. (See Laabs, Max A., assignor.)
American Optical Company. (See Peloquin, Edmond, assignor.)
American Optical Company. (See Wrighton, William, assignor.)
American Schaeffer & Budenberg Corporation. (See Milker, Herbert, assignor.)
American Scrubbing Equipment Company. (See Finnell, Walter S., assignor.)
American Shoe Machinery and Tool Company. (See Krag, Harry W., assignor.)
American Steel Products Co. (See Landgraf, Jacob T., assignor.)
American Stove Company, The. (See Stockstrom, Arthur, assignor.)
American Telephone and Telegraph Company. (See Crisson, G., and Glezen, assignors.)
American Telephone and Telegraph Company. (See Honaman, Richard K., assignor.)
American Telephone and Telegraph Company. (See Stone, John S., assignor.)
American Telephone and Telegraph Company. (See von Nostitz, Erich, assignor.)
Amsden, Frederick H., et al. (See Ilcs, Charles E., assignor.)
Anderson, Alexander, assignor to E. Holley, Detroit, Mich. Making cores. 1,573,436; Feb. 16.
Anderson, Arthur N. (See Saklatwalla, B. D., and Anderson.)
Ansco Photoproducts, Inc. (See Jansson, T. A., and Bornmann, assignors.)
Anthracite Separator Company. (See Blatch, Francis H., assignor.)
Anundi, Matt, Clatskanie, Oreg. Lock. 1,573,506; Feb. 16.
Apex Gutter Hanger Corporation. (See Rachlin, Max, assignor.)
Archila, Fulgencio, Bogota, Colombia. Electric sign. 1,572,874; Feb. 16.
Armstrong, Edwin J., assignor to Erie Steam Shovel Company, Erie, Pa. Clutch. 1,572,870; Feb. 16.
Arnold, Harold D., Maplewood, N. J., and J. P. Minton, White Plains, assignors to Western Electric Company, Incorporated, New York, N. Y. Generating an alternating current of variable frequency. 1,573,367; Feb. 16.
Arnold, William C., et al. (See Gerow, George C., assignor.)
Atlanta Model Machine Company. (See Robeson, Edna G., assignor.)
Atlas Alloy Steel Corporation. (See Johnson, A. D., and Schulze, assignors.)
Attarian, Bedros T. (See Attarian, Sarkis T. and B. T.)
Attarian, Sarkis T., Philadelphia, Pa., and B. T. Attarian, Brooklyn, N. Y. Brush. 1,573,758; Feb. 16.
Atwater, Harry A., Kansas City, Mo. Furnace construction. 1,573,507; Feb. 16.
Austin, Gilbert, J. C. Macfarlane, and W. A. Macfarlane, Glasgow, Scotland. Electric motor for use on a constant-current variable-voltage system. 1,573,508; Feb. 16.
Austin, William E. (See Stein, H., Austin, and Liebowitz.)
Autocar Company, The. (See Brumbaugh, Andrew K., assignor.)
Automat Molding & Folding Machine Company, The. (See Aldrich, J. P., and Morris, assignors.)
Automatic Electric Inc. (See Mellinger, Edward A., assignor.)
Averill, Willard C., jr., Houston, Tex. Apparatus for separating hydrocarbons. 1,573,025; Feb. 16.
Averill, Willard C., jr., Houston, Tex. Mining sulphur. 1,573,026; Feb. 16.

Babcock & Wilcox Company, The. (See Pratt, Arthur D., assignor.)
Badische Anilin- & Soda-Fabrik. (See Günther, Fritz assignor.)
Baker, Frank L., Chicago, Ill. Lubricating system for motor vehicles. 1,573,127; Feb. 16.
Baker, Mose E., Des Moines, Iowa. Jig saw. 1,573,510; Feb. 16.
Baker, Walter, assignor to Speeder Machinery Corporation, Fairfield, Iowa. Bucket for excavators. 1,573,128; Feb. 16.
Balda, Joseph O., assignor to A. H. Heisey & Co., Newark, Ohio. Goblet or similar article. Des. 69,434; Feb. 16.
Ball Brothers Company. (See Drey, Leo A., assignor.)
Ballou, Eugene H., Pawtucket, R. I. Filling detector. 1,572,875; Feb. 16.
Balmer, Robert, Toronto, Ontario, Canada. Method of and apparatus for the moving of piled materials. 1,573,437; Feb. 16.
Bank of America, The, et al., executors. (See Sperry, Lawrence B.)
Barber Asphalt Company, The. (See Forrest, Charles N., assignor.)
Barbieri, Cesare, New York, N. Y., assignor to The Vortex Mfg. Co., Chicago, Ill. Demountable dispenser for paper cups. 1,573,027; Feb. 16.
Bardy Projector Co. (See Bardy, Samuel, assignor.)
Bardy, Samuel, assignor, by mesne assignments, to Bardy Projector Co., Philadelphia, Pa. Projecting moving pictures and moving-picture-projecting machines. 1,573,438; Feb. 16.
Barger, Harvey F. (See Barger, Newton A. and H. F.)
Barger, Newton A. and H. F., Cedar Vale, Kans. Deborning mechanism. 1,572,982; Feb. 16.
Barker, Percy E., assignor to The Van Dorn Iron Works Company, Cleveland, Ohio. Dump truck. 1,572,876; Feb. 16.
Barnes, Charles J., Redlands, Calif. Bait depositor for rodents. 1,573,670; Feb. 16.
Barnes, Julius E., Woodruff, Kans., assignor of one-half to L. O. Flynn, Imperial, Nebr. Combined door check and fastener. 1,573,368; Feb. 16.
Barr, James A., Mount Pleasant, Tenn., assignor to The International Agricultural Corporation, New York, N. Y. Method and apparatus for drying or calcining. 1,573,533; Feb. 16.
Barrier, William A., Frederick, Okla. Casing-pulling device. 1,572,983; Feb. 16.
Barrow, A. L. (See Portis, James A., assignor.)
Barrows, Donald S., Rochester, assignor to The Symington Company, New York, N. Y. Draft rigging. 1,573,290; Feb. 16.
Bateman, Ernest, Madison, Wis., assignor to United States of America, Producing highly-adsorbent charcoal. 1,573,509; Feb. 16.
Bates, Mortimer F., Brooklyn, N. Y., assignor to The Sperry Gyroscope Company. Stabilized bomb sight. 1,573,028; Feb. 16.
Batsel, Max C., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Wireless receiving apparatus. 1,572,877; Feb. 16.
Batten, Edward and J. D., Beckenham, England. Manufacture of inlaid floorcloths. 1,573,534; Feb. 16.
Batten, James D. (See Batten, Edward and J. D.)
Baxter, Harold G., Baldwin, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Switch box. 1,572,878; Feb. 16.
Bayles, Lewis C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Removable water-tube connection for stope drills. 1,573,474; Feb. 16.
Beardall, John P., Brooklyn, N. Y. Building material. 1,573,029; Feb. 16.
Beaumont, R. H., Co., The. (See Beaumont, Robert H., assignor.)
Beaumont, Robert H., Radnor, assignor to R. H. Beaumont Co., Philadelphia, Pa. Tailblock equipment. 1,573,778; Feb. 16.
Bedford, Howard E., London, England, assignor, by mesne asignments, to Pyrene Manufacturing Company, Newark, N. J. Reel for double hose lines. 1,573,439; Feb. 16.
Beech-Nut Packing Company. (See Penley, Benjamin S., assignor.)
Beisel, Frank A., assignor to Menasha Printing and Carton Company, Menasha, Wis. Carton-spot dewaxer. 1,572,879; Feb. 16.
Belcher, Claude, assignor of forty-nine per cent to F. J. Douglas, Des Moines, Iowa. Adjustable flange for pipe lines. 1,573,511; Feb. 16.
Bell, John E. (See Isom, E. W., and Bell.)
Bell, John E., Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill. Process and apparatus for fractional condensation. 1,573,129; Feb. 16.
Bellis, Arthur E., Springfield, Mass., and C. S. Collins, New York, N. Y., assignors, by mesne assignments, to The Bellis Heat Treating Company, New Haven, Conn. Pot or crucible. 1,573,535; Feb. 16.
Bellis Heat Treating Company, The. (See Bellis, A. E., and Collins, assignors.)
Bendix Brake Company. (See Price, Jacob L., assignor.)
Benham, Edgar M., Norwood, Ohio, assignor to The Mosler Lock Company, Covington, Ky. Key. 1,573,536; Feb. 16.
Benjamin Electric Manufacturing Company. (See Benjamin, Reuben R., assignor.)
Benjamin Electric Manufacturing Company. (See Phillips, Paul D., assignor.)
Benjamin, Reuben R., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Outlet fitting. 1,573,440; Feb. 16.
Benner, Raymond C., Bayside, assignor to The Prest-O-Lite Company, Inc., New York, N. Y. Storage-battery separator. 1,573,369; Feb. 16.
Bennett, Charles H., Oakhurst, Brisbane, Queensland, Australia. Combined metal hook and lever. 1,573,759; Feb. 16.
Benson, Clarence R. (See Rutter, A. M., and Benson.)
Benton, Homer W., assignor to Whiting Corporation, Harvey, Ill. Self-righting bucket. 1,573,130; Feb. 16.
Bergere, Emerick W., Bridgeport, Conn., assignor to F. Howard, New York, N. Y. Slide projector. 1,573,030; Feb. 16.
Berliner, Emile, Washington, D. C. Auditorium wall and the like. 1,573,475; Feb. 16.
Bernard, James L., Beaver, Pa. Steam trap. 1,573,131; Feb. 16.
Berry, Henry R., et al. (See Primm, Joseph P., assignor.)
Bertels, Arnold S. (See MacDougall, H. W., and Bertels.)
Betke, Michael, Denver, Colo. Automatic rail-joint fastening. 1,573,132; Feb. 16.
Betts, John H. (See Curtis, Henry E., assignor.)
Bettis, William I., Los Angeles, and L. H. Perry, Gardena, Calif.; said Perry assignor to said Bettis. Well-casing protector. 1,573,031; Feb. 16.
Beyer, Albin H., New York, N. Y. Process and apparatus for measuring kinetic energy. 1,573,133; Feb. 16.
Beyerle, William N., Mesa, Ariz. Ore-grinding mill. 1,573,032; Feb. 16.
Bianchi, Louis, Redding, Calif. Siphon. 1,573,291; Feb. 16.
Bieder, Herman, Cleveland, Ohio. Lamp holder. 1,573,218; Feb. 16.
Biermanns, Josef, and O. Mayr, Karlshorst, Germany, assignors to General Electric Company. Protective system. 1,573,622; Feb. 16.
Biermanns, Josef, Karlshorst, Germany, assignor to General Electric Company. Protective system. 1,573,623; Feb. 16.
Biermanns, Josef, Karlshorst, Germany, assignor to General Electric Company. Protective system. 1,573,624; Feb. 16.
Bieser, Carl W., assignor to The Gruen National Watch Case Company, Cincinnati, Ohio. Watchcase and making same. 1,573,134; Feb. 16.
Birkenhauer, Carl, Barmen, Germany. Single-thread lace-braiding machine. 1,573,625; Feb. 16.
Birtman Electric Company. (See Wiehle, Edward W., assignor.)
Bishop, Frederic L., assignor to Window Glass Machine Company, Pittsburgh, Pa. Method and apparatus for annealing and cooling sheet glass. 1,573,033; Feb. 16.
Bissell, Carl H., and E. G. Smith, assignors to Crouse-Hinds Company, Syracuse, N. Y. Incandescent-electric-lamp housing. 1,573,292; Feb. 16.
Bisson, Percival N. (See Westbo, B. W., and Bisson.)
Black, Lee J., Beaumont, Tex. Lubricating device. 1,573,293; Feb. 16.
Black, Robert F., San Jose, Calif. Weed cutter. 1,573,034; Feb. 16.
Black, William M., Lansing, Mich. Milk cooler. 1,573,760; Feb. 16.
Blackmore, Lloyd, and L. M. Spencer, Highland Park, assignor to General Motors Corporation, Detroit, Mich. Wheel assembly. 1,573,671; Feb. 16.
Blackwell, William T., Westfield, N. J., assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company. Lighting fixture. 1,572,880; Feb. 16.
Blair, William R. (See Smith, William J., assignor.)
Blakely, William W., Detroit, Mich. Anchorage device for vehicles. 1,573,441; Feb. 16.
Blatch, Francis H., assignor to Anthracite Separator Company, Hazleton, Pa. Adjustable apparatus for feeding and separating coal and like materials. 1,573,035; Feb. 16.
Blenio, Guido, assignor to Proofing Laboratories, Inc., New York, N. Y. Paint and varnish remover. 1,573,537; Feb. 16.
Bloch, Arthur, Philadelphia, Pa. Oil-circulation signal. 1,573,371; Feb. 16.
Blümner, Erwin, Berlin-Charlottenburg, Germany. Method and apparatus for continuous distillation of tars and oils. 1,573,370; Feb. 16.
Bobrow, Jacob, assignor to Bobrow Optical Mfg. Co., Inc., Brooklyn, N. Y. Spectacle frame. Des. 69,435; Feb. 16.
Bobrow Optical Mfg. Co. (See Bobrow, Jacob, assignor.)
Bock, Charles S., assignor to Andrew Hoffman Mfg. Co., Chicago, Ill. Metal casement window. 1,573,538; Feb. 16.
Bolingbroke, Charles W. H., Los Angeles, Calif. Package-sealing device. 1,573,669; Feb. 16.
Bongers, Arnold H., assignor of one-half to G. Boudon, London, England. Heater for permanent hair waving. 1,573,761; Feb. 16.
Boothby, Frederick L. M., Tilford, near Farnham, England. Protection of airships against fire. 1,573,762; Feb. 16.
Bornmann, Carl A. (See Jansson, T. A., and Bornmann.)
Böttner, Arno, Sudenburg, near Magdeburg, assignor to the Firm Polte, Magdeburg, Germany. Gate valve. 1,572,984; Feb. 16.
Böttner, Arro, Sudenburg, near Magdeburg, assignor to the Firm Polte, Magdeburg, Germany. Steam-cut-off valve or stop valve. 1,572,985; Feb. 16.
Boudou, Gaston. (See Bongers, Arnold H., assignor.)
Boulton, Berthoud C., Dayton, Ohio. Reenforced bracing member for aircraft. 1,573,294; Feb. 16.
Bourgeois, Edgar, Marlboro, Mass. Lettering. 1,573,295; Feb. 16.
Bourne, Ralph H., and A. J. Grindle, Chicago, assignors to Grindle Fuel Equipment Company, Harvey, Ill. Dust collector. 1,573,135; Feb. 16.
Bowden, Gardiner S., Brooklyn, assignor to J. B. Bowden & Co., New York, N. Y. Wedding ring. Des. 69,436; Feb. 16.
Bowden, J. B., & Co. (See Bowden, Gardiner S., assignor.)
Bowman, Annie, Los Angeles, Calif. Face-powder box. 1,573,036; Feb. 16.
Boye, James H., assignor to James H. Boye Manufacturing Company, Chicago, Ill. Pulley-banger bracket for draw-curtain fixtures. 1,573,136; Feb. 16.
Boye, James H., Manufacturing Company. (See Boye, James H., assignor.)
Brace, Porter H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric-furnace resistor. 1,572,881; Feb. 16.
Bradley, Richard C., assignor to B. W. Gammon & Company, New York, N. Y. Vending machine. 1,573,037; Feb. 16.
Braine, Rancroft G., assignor to The Rail Joint Company, New York, N. Y. Stress-balancing splice bar. 1,573,476; Feb. 16.
Braley, Charles L., assignor of one-half to C. F. Noftsger, Chicago, Ill., and one-half to The American Laundry Machinery Company, Cincinnati, Ohio. Laundry apparatus. 1,573,626; Feb. 16.
Branington, Edwin O., assignor of one-half to O. A. Peters, Rochester, N. Y. Egg tray for incubators. 1,573,038; Feb. 16.
Brannon, Emmitt E., assignor of one-half to L. H. Rickenbacker, Turlock, Calif. Tule and sod scraper. 1,573,137; Feb. 16.
Brase, Wilhelm, Berlin, Germany. Sewing machine. 1,573,138; Feb. 16.
Brase, Wilhelm, Berlin, Germany. Sewing machine. 1,573,139; Feb. 16.
Brasell, Hugh T., Fort Sumner, N. Mex. Adjustable splint. 1,573,296; Feb. 16.
Braun, Hubert J., Chicago, Ill. Curtain tie back. Des. 69,437; Feb. 16.
Breisch, Edgar W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Hot-cathode apparatus. 1,572,882; Feb. 16.
Brewster, Harry C., Shreveport, La. Pipe tongs. 1,572,986; Feb. 16.
Briggs Manufacturing Company. (See Marshall, William, assignor.)
Brignolo, Cyrill, T. Amari, and G. Brignolo, East Boston, Mass. Bumper. 1,573,672; Feb. 16.
Brignolo, Giuseppe. (See Brignolo, C., Amari, and Brignolo.)
Brill, Lawrence E., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Chain. 1,573,627; Feb. 16.
Briner, Emil A., East Orange, N. J., and H. J. Guild, Bangor, Me.; said Guild assignor to Eastern Manufacturing Company, Boston, Mass. Drying paper. 1,573,297; Feb. 16.
Broman, Fred G., Philadelphia, Pa. Antislipping means. 1,573,779; Feb. 16.
Bronstein, Jesse B., Allentown, Pa., assignor to Trojan Powder Company, New York, N. Y. Drying finely-divided materials. 1,573,673; Feb. 16.
Broomfield, Herbert. (See Russell, R., and Broomfield.)
Brown, Fred A., Los Angeles, Calif. Pike-pole gad. 1,573,539; Feb. 16.
Brown, Max, assignor to The Brown-Sebco Terminal Mfg. Co., Inc., Chicago, Ill. Storage-battery terminal-post clamp. 1,573,298; Feb. 16.
Brown-Sebco Terminal Mfg. Co., The. (See Brown, Max, assignor.)
Brown, William S. (See Platt, C. B., and Brown.)
Bruce, Alfred W., New York, N. Y. Superheated-steam throttle valve. 1,573,540; Feb. 16.
Brubaker, John A., assignor to The Haughton Elevator & Machine Company, Toledo, Ohio. Landing doorlock. 1,573,140; Feb. 16.
Brumbaugh, Andrew K., assignor to The Autocar Company, Ardmore, Pa. Method of and means for controlling the operation of motor vehicles. 1,573,628; Feb. 16.
Budd, Edward G., Manufacturing Co. (See Ledwinka, Joseph, assignor.)
Bullock, Hugh, Andover, Mass., assignor to Converse Rubber Shoe Co. Shoe. 1,573,299; Feb. 16.
Bulman, Elvah O., Grand Rapids, Mich. Paper-roll holder and cutter. 1,573,141; Feb. 16.
Bundo, James T. (See Repkow, G. H., and Bundo.)
Burgoyne Light & Signal Corporation. (See Olsson, Zacharias, assignor.)
Burnham, George A., Saugus, assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass. Electrically-operated electric switch. 1,573,674; Feb. 16.
Burns, Leonard S. (See Wilson, F. D., and Burns.)
Burton, Robert N., Oak Park, Ill., assignor to Highway Trailer Company, Edgerton, Wis. Covered dump body. 1,573,372; Feb. 16.
Buschell, William H., assignor of one-fourth to J. D. Eastman, Indianapolis, Ind. Mending rubber articles. 1,573,039; Feb. 16.
Bush, Alden J., Columbus, Ohio. Door holder. 1,573,512; Feb. 16.
Byron, John F., Providence, R. I., assignor to Freeman-Daughaday Co., Chartley, Mass., doing business as Providence Collar Button Company, Providence, R. I. Cuff button. 1,573,477; Feb. 16.
Cadwell, Charles A., assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Manufacture of rail bonds. 1,573,219; Feb. 16.
California Cyanide Company. (See Metzger, Floyd J., assignor.)
Calkins, Claude C., Spokane, Wash. Machine for treating seed grain. 1,573,142; Feb. 16.
Cameron Machine Company. (See Johnstone, Robert M., assignor.)
Cameron, Robt. T. (See Pardoe, John D., assignor.)
Campbell, John R., Regina, Saskatchewan, Canada. Combined floor waxer and polisher. 1,572,987; Feb. 16.
Campbell, Ronald E., Columbia, S. C. Safety device for electric irons. 1,572,988; Feb. 16.
Caradine, James T., and W. T. Christmas, St. Louis, Mo. Hat. Des. 69,438; Feb. 16.
Caradine, James T., and W. T. Christmas, St. Louis, Mo. Hat. Des. 69,439; Feb. 16.
Carborundum Company, The. (See Hartmann, Miner L., assignor.)
Carlson, Albert, Swanton, Vt. Garter. 1,573,675; Feb. 16.
Carman, Charles W., Chicago, Ill. Photographic print and making the same. 1,573,478; Feb. 16.
Carr Fastener Company. (See Carr, Fred S., assignor.)
Carr, Fred S., Newton, assignor to Carr Fastener Company, Cambridge, Mass. Fastener. 1,573,763; Feb. 16.
Carrier Construction Company. (See Gamble, William J., assignor.)
Carroll, Samuel W., Cincinnati, Ohio. Cover plate. 1,573,676; Feb. 16.
Carver, James H., Carman, N. Y., assignor to General Electric Company. Making blanks for noiseless gears. 1,573,629; Feb. 16.
Cassell, Walter C., and C. K. Springfield, assignors of one-half to The Texas Carbon Industries, Inc., Breckenridge, Tex. Process and apparatus for bolting carbon black. 1,573,373; Feb. 16.
Caudrelier, Edmond, Paris, France. Machine for the manufacture of tickets or labels. 1,573,677; Feb. 16.
Chamberlain, Paul A., assignor to Electrical Dealers Supply House, Inc., Chicago, Ill. Radiocondenaer. 1,573,374; Feb. 16.
Chamberlain, Rufus N., Chicago, Ill., assignor, by mesne assignments, to Gould Storage Battery Company, Inc., New York, N. Y. Storage battery. 1,573,300; Feb. 16.
Charlton, Newton E., Clayton, N. Mex. Safety-razor-blade holder. 1,573,630; Feb. 16.
Chase, Fred G. (See Magranis, W. C., and Chase.)
Cheape, John A., assignor to Exyon Corporation, Charlottesville, Va. Antiskid chain. 1,573,631; Feb. 16.
Chemische Fabrik Griesheim-Elektron. (See Pistor, Gustav, assignor.)
Chero-Cola Company. (See Sears, Claud A., assignor.)
Chicago Electric Manufacturing Co. (See Gough, James J., assignor.)
Chicago Engineering Works, Inc. (See Mahoney, George H., assignor.)
Chicago Spring Hinge Company. (See Keene, William J., assignor.)
Chickering, Daniel J., Spokane, assignor of fifty-one per cent to Eggers Pole & Supply Company, Parkwater, Wash. Portable punching machine. 1,573,143; Feb. 16.
Christie, James W., Minneapolis, Minn. Moistening cover for containers. 1,573,479; Feb. 16.
Christmas, William T. (See Caradine, J. T., and Christmas.)
Church, Frank E., Scarsdale, N. Y., assignor to National India Rubber Company, Bristol, R. I. Shoe sole. Des. 69,440; Feb. 16.
Church, Frank E., Scarsdale, N. Y., assignor to National India Rubber Company, Bristol, R. I. Shoe sole. Des. 69,441; Feb. 16.
Chwala, August, Vienna, Austria, assignor to Oderberger Chemische Werke Aktiengesellschaft, Oderberg, Czechoslovakia. Manufacturing colloidal compounds of arsenic. 1,573,375; Feb. 16.
Cincinnati Bickford Tool Company, The. (See Klausmeyer, David C., assignor.)
Clark, Paul L., Brooklyn, N. Y. Apparatus for the electrical transmission for visual images. 1,572,989; Feb. 16.
Clark Thread Company, The. (See Clauss, Max O., assignor.)
Clauss, Max O., New York, N. Y., assignor to The Clark Thread Company, Newark, N. J. Skein holder. 1,573,220; Feb. 16.

Clauss, Max O., New York, N. Y., assignor to The Clark Thread Company, Newark, N. J. Skein holder. 1,573,221; Feb. 16.
Clayton Gin Compress Company. (See Mackenzie, Alexander S., assignor.)
Clift, Verne E. (See De Cola, S., and Clift.)
Coberly, Clarence J., assignor to Kobe, Inc., Los Angeles, Calif. Method of and apparatus for cutting wide slots. 1,573,301; Feb. 16.
Cocklin, Lewis A., Griswold, Iowa. Liquid-fuel burner. 1,572,883; Feb. 16.
Coelho, Manuel T., Redwood City, Calif. Weed puller. 1,573,222; Feb. 16.
Coen, Garnet W., Pasadena, Calif. Liquid heater. 1,573,223; Feb. 16.
Cohen, Charles, et al. (See Warren, William, assignor.)
Cohen, Isidore M., Philadelphia, Pa. Coat, 1,573,302; Feb. 16.
Cohn, Alfred, Milwaukee, Wis. Knitted sweater. Des. 69,442; Feb. 16.
Colby, Ora A., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thermal switch. 1,572,990; Feb. 16.
Colby, Ora A., Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Fluid cut-out for percolators. 1,572,991; Feb. 16.
Colen, Bernard D. (See Strongson, Herman L., assignor.)
Collins, Charles S. (See Bellis, A. E., and Collins.)
Collinson, Francis E. (See Hill, W. J., Lupton, and Collinson.)
Colpitts, Edwin H., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Carrier-wave transmission. 1,573,303; Feb. 16.
Colvin, Charles H., Brooklyn, N. Y. Stop watch and dial. 1,572,884; Feb. 16.
Combustion Engineering Corporation. (See Nygaard, Oscar O., assignor.)
Comstock, Daniel F. (See Wall, E. J., and Comstock.)
Condit Electrical Manufacturing Corporation. (See Burnham, George A., assignor.)
Condit Electrical Manufacturing Corporation. (See Edsall, William S., assignor.)
Condit Electrical Manufacturing Corporation. (See Mahoney, Joseph N., assignor.)
Condit Electrical Manufacturing Corporation. (See O'Keeffe, George W., assignor.)
Condit, Park N., Boston, Mass. Liquid applicator. 1,573,224; Feb. 16.
Conlon, Walter J. (See Gustafson, Axel R., assignor.)
Conner, Frank S., Petaluma, Calif. Oil burner for brooder stoves. 1,573,480; Feb. 16.
Converse Rubber Shoe Co. (See Bullock, Hugh, assignor.)
Corbett, Edward L., New York, N. Y. Shaving brush. 1,572,885; Feb. 16.
Corrall, Herbert, Helensburgh, and B. A. Stevens, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 1,573,225; Feb. 16.
Costa, Anthony L., East Boston, assignor to R. Woodman Mfg. & Supply Co. Inc., Boston, Mass. Ink pad. 1,573,481; Feb. 16.
Cowles, Irving, Chicago, Ill. Vapor-feed means. 1,573,780; Feb. 16.
Cramp, William, & Sons Ship & Engine Building Company, The. (See Larner, Chester W., assignor.)
Crandall, Jay E., Chicago, and A. Oigny, Glen Ellyn, Ill. Humidifier for gas engines. 1,572,886; Feb. 16.
Crawford, George E., San Francisco, Calif. Ash receiver. 1,573,678; Feb. 16.
Credo, Julius, assignor to Louisville Drying Machinery Co. Inc., Louisville, Ky. Method and apparatus for drying. 1,573,144; Feb. 16.
Crescent Brass Mfg. Co. (See Abrams, Herman, assignor.)
Crisson, George, Hackensack, N. J., and L. L. Giezen, New Brighton, N. Y., assignors to American Telephone and Telegraph Company. Adjustable electrical network. 1,572,992; Feb. 16.
Crites, Joe, Lakeside, Ohio, assignor to Raymond Brothers Impact Pulverizer Co., Chicago, Ill. Pulverizing, feeding, and burning fuel. 1,573,040; Feb. 16.
Crossdale, Stuart, Denver, Colo. Concentration of oxidized ores. 1,573,226; Feb. 16.
Crooksville China Company, The. (See Trischler, Harry, assignor.)
Crosby, Arthur S., Marland, Okla., assignor of two-thirds to American Iron & Machine Works, Inc., Tonkawa, Okla. Paraffin cleaner. 1,573,679; Feb. 16.
Crouse-Hinds Company. (See Bissell, C. H., and Smith, assignors.)
Crowell, Russell B., assignor to Western Industries Company, Agnew, Calif. Producing light basic magnesium carbonate. 1,573,632; Feb. 16.
Curtis, Henry E., San Jose, assignor of one-half to J. H. Betts, Long Beach, Calif. Spring mounting for motor vehicles. 1,573,633; Feb. 16.
Cuvelier, Pierre A. I., Haubourdin, France. Agglomerating machine. 1,573,680; Feb. 16.
Dalreaux, Jorge G., Buenos Aires, Argentina. Trocar. 1,573,681; Feb. 16.
Daisy Manufacturing Company. (See Lefever, Charles F., assignor.)
Dale, Richard, Mount Carroll, Ill. Building construction. 1,572,887; Feb. 16.
Daltan, Richard A., Philo, Ohio. Fire brick or block. 1,573,482; Feb. 16.
Dänhardt, Emil, Cologne-Kalk, Germany. Apparatus for separating solid substances from gases and vapors, more especially blast-furnace gases. 1,572,888; Feb. 16.
Darling, Philip G., Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Valve. 1,573,304; Feb. 16.
Daum, George W. (See Lewis, S. G., and Daum.)
Davies, Wayne, Atlanta, Ga. Cooking apparatus. 1,573,041; Feb. 16.
Davis, Harry A. (See Stimpson, W. I., and Davis.)
Davis, Harry A., assignor to Draper Corporation, Hopedale, Mass. Automatically-threading loom shuttle. 1,573,227; Feb. 16.
Davol Rubber Company. (See Little, Jesse, assignor.)
Dawn Manufacturing Co., The. (See Dickerman, J. A., and Leckie, assignors.)
Dawson, Clarence L., Los Angeles, Calif. Automatic overflow outlet for plumbing fixtures, etc. 1,573,042; Feb. 16.
De Bothezat, George, Dayton, Ohio. Helicopter. 1,573,228; Feb. 16.
De Cola, Salvatore, and V. E. Clift, San Jose, Calif. Stair construction. 1,573,043; Feb. 16.
De Forest, Lee, New York, N. Y. Loud speaker. Des. 69,443; Feb. 16.
Degen, Irwin C., Chaska, Minn. Safety parachute for aeronauts. 1,572,889; Feb. 16.
De Gruchy, Francis, Newark, N. J. Grate. 1,573,682; Feb. 16.
Delco-Light Company. (See King, James G., assignor.)
Delco-Light Company. (See Warner, Clarence, assignor.)
De Lin, Martin. (See Nystrom, O. P., and De Lin.)
Demand, Joseph, New York, N. Y., assignor, by mesne assignments, to All Clear Windshields, Inc., Boston, Mass. Reciprocating mechanism for windshield cleaners and the like. 1,573,541; Feb. 16.
Desautels, Charles H., Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Heater connection. 1,573,305; Feb. 16.
Diamond, Rubin L., assignor of one-half to J. S. Adkison, McHenry, Miss. Agricultural implement. 1,573,044; Feb. 16.
Dickerman, John A., and H. V. Leckie, Bridgeport, assignors to The Dawn Manufacturing Co., Stratford, Conn. Washing machine. 1,573,542; Feb. 16.
Dickerson, Walter H., East Orange, N. J., and W. B. McLaughlin, deceased, New York, N. Y.; said Dickerson assignor to Industrial Waste Products Corporation, Dover, Del.; C. B. McLaughlin, administratrix. Powder collector. 1,573,376; Feb. 16.
Diehl, Stanley, Bedford, Pa. Ice-cutting, timber-framing, and wood-sawing machine. 1,573,377; Feb. 16.
Diekelmann, Kurt A., Birmingham, Ala. Wardrobe trunk. 1,573,306; Feb. 16.
Dietz, Frank L., Brooklyn, N. Y. Fuel oil. 1,573,307; Feb. 16.
Dietz, Frank L., Brooklyn, N. Y. Motor fuel oil. 1,573,308; Feb. 16.
Diffinger, Eugène A., assignor of one-half to Etablissements P. Colombier Fils, Paris, France. Rotary pump. 1,573,683; Feb. 16.
Dinsmoor, John L., New York, N. Y. Sealable package tie. 1,573,684; Feb. 16.
Dinsmoor, John L., New York, N. Y. Sealable package tie. 1,573,685; Feb. 16.
Diversey Foundry Company. (See League, Thomas J., assignor.)
Dodge, Charles J., Brooklyn, N. Y. Sound amplifier. 1,573,634; Feb. 16.
Dominguez, Manuel D., New Orleans, La. Shock absorber. 1,573,229; Feb. 16.
Donahue, Peter C., Cambridge, Mass. Making mops. 1,573,686; Feb. 16.
Donovan, Charles M., Wichita, Kans. Emergency supply for fuel-combustion engines. 1,573,230; Feb. 16.
Douglas, Frank J. (See Belcher, Claude, assignor.)
Douglas, Paul H., and I. D. Thomas, Cleveland Heights, assignors to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Coke-releasing device for vertical retorts. 1,573,145; Feb. 16.
Dowey, Thomas L., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Recording and reproducing machine. 1,573,309; Feb. 16.
Draper Corporation. (See Davis, Harry A., assignor.)
Draper Corporation. (See Hollins, Denis M., assignor.)
Draper Corporation. (See Stimpson, W. I., and Davis, assignors.)
Draper Corporation. (See Stone, Melvin L., assignor.)
Draper Corporation. (See Tinkham, Eugene L., assignor.)
Dreese, Gertrude, assignor of one-half to M. G. Hoyman, Neenah, Wis. Shield. 1,573,146; Feb. 16.
Drewitz, John W., Chicago, Ill. Cap for bottles and the like. 1,573,147; Feb. 16.
Drey, Leo A., St. Louis, Mo., assignor, by mesne assignments, to Ball Brothers Company, Muncie, Ind. Feeding glass to forming machines. 1,573,635; Feb. 16.
Drey, Leo A., St. Louis, Mo., assignor, by mesne assignments, to Ball Brothers Company, Muncie, Ind. Apparatus for feeding glass into molds. 1,573,636; Feb. 16.

Drozd, Frank, assignor of one-half to J. G. Jalufka, Hallettsville, Tex. Cotton chopper. 1,573,637; Feb. 16.
Dubin, Harry E., assignor to H. A. Metz, New York, N. Y. Malt sirup and preparing the same. 1,573,687; Feb. 16.
Dumrnese, Paul A., Milford, Conn. Carburetor. 1,573,689; Feb. 16.
Dumont, Albert, Maple City, Mich. Valve. 1,573,688; Feb. 16.
Duncan Electric Manufacturing Company. (See Harris, Jesse, assignor.)
Dunlop Rubber Company, The. (See Penfold, Albert E., assignor.)
Duplex Engine Governor Company. (See Tabb, Warner T., assignor.)
Durrance, Thomas, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Work support. 1,573,045; Feb. 16.
Eakman, William W. (See Wright, William L., assignor.)
Eastern Manufacturing Company. (See Briner, E. A., and Guild, assignors.)
Eastman, J. D. (See Buschell, William H., assignor.)
Economides, Michael J., Brooklyn, N. Y. Hinge. 1,573,231; Feb. 16.
Edison Electric Appliance Company. (See Randolph, Charles P., assignor.)
Edsall, William S., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass. Electrical generating and distribution system and apparatus therefor. 1,573,148; Feb. 16.
Edstrom, Otto E., Chicago, assignor to Illinois Patents Corporation, Cary, Ill. Automatic stop roller for shades. 1,573,378; Feb. 16.
Edwards, Charles E., Galion, Ohio. Air moistener. 1,573,690; Feb. 16.
Eggers Pole & Supply Company. (See Chickering, Daniel J., assignor.)
Egler, Nickolas F., Chicago, Ill. Furnace used in connection with the making of steel. 1,572,912; Feb. 16.
Eichberg, Simon, Chicago, Ill. Ironing board. 1,573,691; Feb. 16.
Eklund, Elmer A., Spencer, S. Dak. Auxiliary air control for internal-combustion engines. 1,573,692; Feb. 16.
Ekström, Gunnar C., assignor to Aktiebolaget Gehr Arehns Mekaniska Verkstad, Stockholm, Sweden. Transporting device for boxes or the like. 1,573,232; Feb. 16.
Eldredge, Robert B., Denver, Colo. Treating zinc-sulphate solutions. 1,573,233; Feb. 16.
Electric Heating Apparatus Company. (See Smalley, Edwin L., assignor.)
Electric Railway Improvement Company. (See Cadwell, Charles A., assignor.)
Electrical Dealers Supply House, Inc. (See Chamberlain, Paul A., assignor.)
Elevator Supplies Company, Inc. (See Lighthipe, Kenneth D., assignor.)
Elliott, William E., Lynn, Mass. System for making pads. 1,573,599; Feb. 16.
Ellson, Horace S. (See Herman, A. F., and Ellson.)
Elmendorf, Armin, Chicago, Ill. Method of and apparatus for drying wood veneer. 1,573,379; Feb. 16.
Enderes, Ernst, Albert Lea, Minn. Splitting shear. 1,573,483; Feb. 16.
Endres, Peter, Independence, Kans. Disappearing foot scraper. 1,573,046; Feb. 16.
Engel, Albert W., Chicago, Ill. Display box. 1,573,149; Feb. 16.
Englander, Benjamin B., assignor to Englander Spring Bed Company, Brooklyn, N. Y. Box-spring structure. 1,573,047; Feb. 16.
Englander Spring Bed Company. (See Englander, Benjamin B., assignor.)
Englert, William. (See Fischer, P., and Englert.)
Engstrom, George E., Deerfield, Ill. Electric facial device. 1,573,693; Feb. 16.
Enna, Ernst F. H. (See Sorensen, Marius M., assignor.)
Eppley, Charles S., York, Pa. Automatic railway switch. 1,573,234; Feb. 16.
Eppley, Charles S., York, Pa. Circuit breaker. 1,573,235; Feb. 16.
Erie Shovel Company. (See Armstrong, Edwin J., assignor.)
Ernst Leitz, Optische Werke. (See Heine, Hermann, assignor.)
Espeseth, Alfred, Prospy, Alberta, Canada. Grain pickler and loader. 1,573,694; Feb. 16.
Estes, Thomas W., New York, N. Y. Textile fabric. Des. 69,444; Feb. 16.
Etablissements P. Colombier Fils. (See Diffinger, Eugène A., assignor.)
Etablissements Poulenc Freres. (See Oechslin, Carl, assignor.)
Evans, Frank G., New Plymouth, New Zealand. Mounting and means for tilting vehicle headlights. 1,573,380; Feb. 16.
Evelyn, Harry C., Chicago, Ill. Signal device for motor vehicles. 1,573,638; Feb. 16.
Exyon Corporation. (See Cheape, John A., assignor.)
Fageol, Rollie B., Los Angeles, Calif., assignor to American Chain Company, Inc., Bridgeport, Conn. Bumper bracket. 1,573,381; Feb. 16.

Fancher, Charles J., and R. A. Johnson, Windsor, Vt., assignors to The National Acme Company, Cleveland, Ohio. Feed collet. 1,573,048; Feb. 16.
Fancher, Charles J., and R. A. Johnson, Windsor, Vt., assignors to The National Acme Company, Cleveland, Ohio. Feed collet. 1,573,049; Feb. 16.
Farr, Edward A., assignor to Manning, Bowman & Company, Meriden, Conn. Tray or similar article. Des. 69,445; Feb. 16.
Fay, Harry, Millersburg, Ky. Grease gun. 1,573,150; Feb. 16.
Feddersen, Henry L., San Francisco, Calif. Drawcut scissors. 1,573,442; Feb. 16.
Feldenheimer, William, London, England. Treatment of earthy minerals. 1,573,385; Feb. 16.
Felker, Lewis H. (See Ohme, W. F., and Felker.)
Field, Maletis F., assignor to himself and A. H. Marietta, Akron, Ohio. Mandrel. 1,573,386; Feb. 16.
Fields, Clarence M., and W. Worrick, Bellefontaine, Ohio. Musical instrument. 1,573,695; Feb. 16.
Finnell, Walter S., assignor to American Scrubbing Equipment Company, Hannibal, Mo. Mopping and rinsing machine. 1,572,913; Feb. 16.
Fischer, Paul, New York, and W. Englert, Hempstead, N. Y. Apparatus for massaging and the like. 1,573,639; Feb. 16.
Fischer, Richard F. (See Williams, J. M., jr., and Fischer.)
Fisbel, Alvin S., Cleveland, Ohio. Socket for expansion-bolt shields. 1,573,151; Feb. 16.
Fisher, Adam E., and J. A. Storm, St. Louis, Mo. Washing machine. 1,573,640; Feb. 16.
Fisk Rubber Company, The. (See Desautels, Charles H., assignor.)
Fisk Rubber Company, The. (See Wood, Harley C., assignor.)
Fitz Gerald, Francis A. J., Niagara Falls, N. Y., assignor to Harper Electric Furnace Corporation. Tunnel kiln. 1,573,543; Feb. 16.
Fizzell, William, jr., Bradford, Pa. Attachment for doors. 1,573,236; Feb. 16.
Fleischer, Max, Brooklyn, assignor to Out Of The Inkwell Films, Inc., New York, N. Y. Song motion-picture film. 1,573,696; Feb. 16.
Fleming, Walter P., Detroit, Mich. Drive-a-way towing fixture. 1,572,914; Feb. 16.
Fletcher, John, New York, N. Y. Press. 1,573,769; Feb. 16.
Flynn, Lawrence O. (See Barnes, Julius E., assignor.)
Foote, Paul D. (See Harrison, T. R., and Foote.)
Forney, Elwood W., Joplin, Mo. Copyholder. 1,573,237; Feb. 16.
Forrest, Charles N., Rahway, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Treating gilsonite. 1,573,764; Feb. 16.
Forrest, Charles N., Rahway, N. J., assignor to The Barber Asphalt Company, Philadelphia, Pa. Gilsonite products. 1,573,765; Feb. 16.
Forsberg, Harold S. (See French, D. S., and Forsberg.)
Forsberg Manufacturing Company, The. (See French, D. S., and Forsberg, assignors.)
Förster, Hans, Nieder-Zwonitz, Erzgebirge, Germany. Knitting machine. 1,572,993; Feb. 16.
Forsyth, George H., Chicago, Ill., assignor to Motor Wheel Corporation, Lansing, Mich. Disk wheel. 1,573,238; Feb. 16.
Foster, Isaac M., et al. (See Mulligan, Paul C., assignor.)
Foulds, William C., Tuckerton, N. J. Indicator for injector-pressure kiers. 1,573,310; Feb. 16.
Foxboro Company, The. (See Watts, Edward J., assignor.)
Franklin, Claud A., Kansas City, Kans. Gasket holder. 1,573,484; Feb. 16.
Frederics, E., Inc. (See Frederics, Ernest O., assignor.)
Frederics, Ernest O., assignor to E. Frederics, Inc., New York, N. Y. Hair waving and curling device. 1,573,600; Feb. 16.
Freeman-Daughaday Co. (See Byron, John F., assignor.)
French, David S., and H. S. Forsberg, assignors to The Forsberg Manufacturing Company, Bridgeport, Conn. Hinge. 1,573,311; Feb. 16.
French, Sherman Q., Hawarden, Iowa. Dishwasher. 1,573,387; Feb. 16.
Frey, Eugene, Mount Vernon, N. Y. Riveting punch. 1,573,050; Feb. 16.
Fricker, Anthony, Lakewood, Ohio. Discharge mechanism for bituminous distributors. 1,572,915; Feb. 16.
Friel, Patrick A., Richmond Hill, N. Y. Time switch for alarm systems. 1,573,152; Feb. 16.
Friesen, George C., Dallas, Oreg. Truck-moving apparatus. 1,573,388; Feb. 16.
Frisch, Albert C. and J. R., Wilmington, Del. Loudspeaker horn for radio receiving sets. Des. 69,446; Feb. 16.
Frisch, John R. (See Frisch, Albert C. and J. R.)
Fritts, Francis M., assignor of one-half to L. H. Stevens, Coffeyville, Kans. Moisture and vapor separator. 1,573,485; Feb. 16.
Fritz, Joseph L., Philadelphia, Pa. Stop box. 1,573,312; Feb. 16.
Froesch, Charles, assignor to International Motor Company, New York, N. Y. Brake system. 1,572,890; Feb. 16.
Fromm, Salomon. (See Wiese, Otto C., assignor.)

Fuller, Carl T., Nutley, N. J., assignor to General Electric Company. Article containing visible temperature records and method of obtaining the records. 1,573,601; Feb. 16.

Fuller, Henry C., Washington, D. C. Denatured alcohol. 1,573,697; Feb. 16.

Fuller, Henry C., Washington, D. C., assignor to Union Carbide and Carbon Research Laboratories, Inc., Long Island City, N. Y. Denatured alcohol. 1,573,698; Feb. 16.

Galbreath, H. C. (See Kennedy, Charles, assignor.)

Gamble, Stanley B., Oakland, Calif. Flour sifter. 1,573,513; Feb. 16.

Gamble, William J., East Orange, assignor, by mesne assignments, to Carrier Construction Company, Inc., Newark, N. J. Radiator or the like. 1,572,916; Feb. 16.

Gammell-Hanney Manufacturing Co. (See Hanney, Angus F., assignor.)

Gammon, Benj. W., & Company. (See Bradley, Richard C., assignor.)

Garcelon, George H., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Short-circuiting device. 1,572,917; Feb. 16.

Garfinkle, David, Alameda, Calif. Price-tag holder. 1,572,994; Feb. 16.

Garrison, Orlando, Dayton, Ohio. Gear grinder. 1,573,153; Feb. 16.

Gates, Leroy G., Bakersfield, assignor to Standard Oil Company, San Francisco, Calif. Method of and apparatus for breaking emulsions. 1,573,389; Feb. 16.

Gates, Paul F., Portland, Oreg. Steering-wheel grip. 1,572,995; Feb. 16.

Gathmann, Emil, Baltimore, Md. Ingot mold. 1,573,486; Feb. 16.

Geddes, William F., Subiaco, assignor of three-eighths to Walter Schofield, Bassendean, Western Australia, Australia. Internal-combustion engine. 1,572,918; Feb. 16.

Geese, Clarence D., Columbus, Ohio. Tile. 1,572,919; Feb. 16.

Gehman, Elmer L., Seattle, Wash. Electric bake oven. 1,573,602; Feb. 16.

Gelder, Irving L., Brooklyn, N. Y. Grating. 1,573,154; Feb. 16.

General Electric Company. (See Biermanns, J., and Mayr, assignors.)

General Electric Company. (See Biermanns, Josef, assignor.)

General Electric Company. (See Carver, James H., assignor.)

General Electric Company. (See Fuller, Carl T., assignor.)

General Electric Company. (See Smith, Arthur R., assignor.)

General Metals Recovery Company. (See Keith, Edward W., assignor.)

General Motors Corporation. (See Blackmore, L., and Spencer, assignors.)

General Motors Corporation. (See Lovett, George A., assignor.)

General Motors Research Corporation. (See Hunt, John H., assignor.)

General Motors Research Corporation. (See King, Jesse G., assignor.)

Gerdien, Hans, Berlin-Grunewald, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Rectifier with a change-over switch. 1,573,155; Feb. 16.

Gerding, Edward A. (See Gerding, Herbert H. and E. A.)

Gerding, Herbert H., Newport, and E. A. Gerding, Fort Thomas, Ky. Bottle crate. 1,573,111; Feb. 16.

Gerding, Herbert H., Newport, and E. A. Gerding, Fort Thomas, Ky. Bottle crate. 1,573,112; Feb. 16.

Gerow, George C., assignor of eight-twentieths to W. J. Press, one-twentieth to W. C. Arnold, one-twentieth to J. L. Kemp, and two-twentieths to E. Press, Ottawa, Ontario, Canada. Combustion apparatus and method. 1,572,920; Feb. 16.

Gervais, Wainwright B., and J. C. Wilmot, assignors to Variety Fire Door Company, Chicago, Ill. Interlock for elevator doors and the like. 1,573,156; Feb. 16.

Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches. (See Osnos, Mendel, assignor.)

Gessner, Albert, jr., Morgantown, W. Va. Manufacture of rubber-coated weftless cord fabric. 1,573,390; Feb. 16.

Giddings, Victor P., jr., Beaumont, Tex. Self-emtying motor-vehicle radiator. 1,573,157; Feb. 16.

Giesey, Victor A. Cleveland Heights, Ohio. Hot top for ingot molds. 1,573,313; Feb. 16.

Gignoux, John R., Long Beach, and T. E. Swigart, Los Angeles, assignors to Shell Company of California, San Francisco, Calif. Gas anchor for pumping wells. 1,573,051; Feb. 16.

Gilardone, Joseph C., Fleetwood, Pa. Vehicle spring. 1,573,052; Feb. 16.

Gilberg, Harry W. (See Lieske, Frank J., assignor.)

Gilbert, Evangeline L., Rochester, N. Y. Dimple-producing appliance. 1,572,891; Feb. 16.

Gilbertson, Frank H., Los Angeles, Calif. Flue-pipe support and insulator. 1,573,053; Feb. 16.

Gilbo, Alfred L. (See Aldrich, G. H., and Gilbo.)

Gilchrist Company, The. (See Gilchrist, Raymond B., assignor.)

Gilchrist, Raymond B., assignor to The Gilchrist Company, Newark, N. J. Straw dispenser. 1,573,158; Feb. 16.

Gilliland, Robert E., Los Angeles, Calif. Bather's article. 1,573,239; Feb. 16.

Gilpin, Garth G., Riverside, assignor, by mesne assignments, to Union Metal Products Company, Chicago, Ill. Uncoupling device for car couplers. 1,573,054; Feb. 16.

Giovannetti, William J., Brooklyn, N. Y. Fountain pen. 1,573,699; Feb. 16.

Girin, Pierre, assignor to Société Anonyme de Commentry, Fourchambault & Decazeville, Paris, France. Alloy. 1,572,996; Feb. 16.

Gizienski, Lawrence, Curtisville, Pa. Welding process. 1,572,921; Feb. 16.

Gledhill, Edward C., Galion, Ohio. Machine for use in repairing roads. 1,573,700; Feb. 16.

Glezen, Lee L. (See Crisson, G., and Glezen.)

Glowacki, John B., Chicago, Ill. Renewable fuse element. 1,573,392; Feb. 16.

Goelitz, Henry G., et al. (See Purnell, Lemuel H., assignor.)

Going, George G., Middletown, Conn., assignor to Remington-Noiseless Typewriter Corporation, New York, N. Y. Typewriting machine. 1,573,544; Feb. 16.

Gold, Abraham. (See Gold, Charles and A.)

Gold, Charles, and A., assignors to Charles Gold & Brothers, New York, N. Y. Combined mirror and compact holder. 1,573,393; Feb. 16.

Gold, Charles, & Brothers. (See Gold, Charles and A., assignors.)

Goldberg, Emanuel, and M. Nowicki, Dresden, Germany. Enlarging camera. 1,573,314; Feb. 16.

Goldsmith, Byron B., New York, N. Y. Mechanical pencil. 1,573,055; Feb. 16.

Goodman Bros. (See Rappaport, Arthur G., assignor.)

Goodrich, B. F., Company, The. (See Kroeger, Edwin J., assignor.)

Goodyear Tire & Rubber Company, The. (See O'Brien, William G., assignor.)

Gorgolis, Spyridon. (See Thomas, Antony, assignor.)

Gorman, Thomas A., Johnstown, Pa. Forging machine. 1,573,487; Feb. 16.

Gough, James J., assignor to Chicago Electric Manufacturing Co., Chicago, Ill. Parking lamp. 1,573,394; Feb. 16.

Gould Storage Battery Company. (See Chamberlain, Rufus N., assignor.)

Govers, Francis X., New York, N. Y., and E. R. Hewitt, Midvale, N. J. Balanced packing for shafts. 1,572,922; Feb. 16.

Gowdridge, William H., Rossiter, Pa. Auger bit. 1,573,701; Feb. 16.

Grabler Manufacturing Company. (See McCabe, F. E., and Roshetko, assignors.)

Gramma, James J., New York, N. Y. Circuit closer. 1,573,702; Feb. 16.

Grauss, Georges, Paris, France. Centrifugal drying apparatus. 1,573,240; Feb. 16.

Gray, William H. (See Longley, R. W., and Gray.)

Green, Charles W. (See Johnson, E. D., and Green.)

Green, Charles W., assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,573,396; Feb. 16.

Grenier, Joseph O., Vancouver, British Columbia, Canada. Rope puller. 1,573,397; Feb. 16.

Griffin, Frank H., Wawa, assignor to The Viscose Company, Marcus Hook, Pa. Recovery of caustic hydroxides from waste solutions. 1,573,703; Feb. 16.

Griffin, James T., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Cementing two parts together. 1,573,315; Feb. 16.

Griffith, Benjamin M., assignor to National Casket Company, Pittsburgh, Pa. Bier. 1,573,398; Feb. 16.

Grindle Fuel Equipment Company. (See Bourne, R. H., and Grindle.)

Groebli, Paul, New York, N. Y. Lace. Des. 69,447; Feb. 16.

Gross, Louis N., Cleveland Heights, Ohio. Ventilated sunshade. 1,573,159; Feb. 16.

Grove, John H., Cascade Locks, Oreg. Trap. 1,573,704; Feb. 16.

Gruelle, William D. (See Thomas, Jesse M., assignor.)

Gruen National Watch Case Company, The. (See Bieser, Carl W., assignor.)

Gruhler, Walter. (See Schott, Otto, assignor.)

Grunwald, Bertrand B., Alameda, Calif. Making heavy basic carbonate of magnesium. 1,573,603; Feb. 16.

Grunwald, Bertrand B., Alameda, Calif. Making light basic carbonate of magnesium. 1,573,604; Feb. 16.

Guard, Abiah H., Colfax, Ind. Combined corn harvester and stalk cutter. 1,573,399; Feb. 16.

Gubelmann, Ivan, and J. M. Tinker, South Milwaukee, assignors to The Newport Company, Carrollville, Wis. Process of preparing 1,8-aminonaphthol sulphonic acids. 1,573,056; Feb. 16.

Guild, Henry J. (See Briner, E. A., and Guild.)

Gunn, Charles H., Oakland, Calif. Seat-controlled toilet flush and intake valve. 1,573,160; Feb. 16.

Günther, Fritz, assignor to Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany. Manufacture of azo dyestuffs. 1,573,605; Feb. 16.

Gustafson, Axel R., Chicago, assignor to W. J. Conlon, Oak Park, Ill. Ironing machine. 1,573,161; Feb. 16.

Hackman, William C., assignor to B. Hoffman Manufacturing Co., Milwaukee, Wis. Safety appliance for steam boilers. 1,573,488; Feb. 16.

Haddock, Ernest L., Vancouver, British Columbia, Canada. Magneto plug. 1,573,316; Feb. 16.

Haentjens, Otto, Hazleton, Pa. Lubrication system. 1,573,706; Feb. 16.

Hague, Ainsworth J., jr., Red Bank, N. J. Needlebook. Des. 69,448; Feb. 16.

Hague, Ainsworth J., jr., Red Bank, N. J. Needlebook. Des. 69,449; Feb. 16.

Hall, Francis C., New York, N. Y. Shade holder. 1,573,489; Feb. 16.

Hallar, Forrest, Blairstown, Mo., and B. C. Long, Topeka, Kans. License-plate holder. 1,573,443; Feb. 16.

Hamilton, Arden L., Brooklyn, N. Y. Inner ring for pistons. 1,573,545; Feb. 16.

Hamilton, Earl R., Pekin, Ind. Applicator. 1,573,514; Feb. 16.

Hamilton, Murray B., Toronto, Ontario, Canada. Non-slip device for heels of low shoes. 1,572,997; Feb. 16.

Hammerl, Jacob, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,573,241; Feb. 16.

Hammes, John H., assignor to Sewell Cushion Wheel Company, Detroit, Mich. Steering wheel. 1,572,923; Feb. 16.

Hancock, Melburn B., Mount Meigs, Ala. Combination instrument. 1,573,057; Feb. 16.

Hand, Carl N., Nitro, W. Va., assignor to The Rubber Service Laboratories Co., Akron, Ohio. Insecticidal composition of matter. 1,573,490; Feb. 16.

Hand, Lawrence J., and H. G. Passé, Dayton, Ohio. Pipe-end-forming tool. 1,572,924; Feb. 16.

Hand, Walter A., Brooklyn, N. Y. Attachment for harmonicas. 1,573,242; Feb. 16.

Hanford, Parmly, Springfield, Mass. Shock absorber. 1,573,058; Feb. 16.

Hanney, Angus F., assignor to Gammell-Hanney Manufacturing Co., Chicago, Ill. Laundry counting device. 1,573,102; Feb. 16.

Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Double drum hoist. 1,573,491; Feb. 16.

Hard, Malcolm, Flushing, assignor to The Superheater Company, New York, N. Y. Steam injector. 1,573,059; Feb. 16.

Hardisty, Henry, Tualatin, Oreg. Radiator cap or similar article. Des. 69,450; Feb. 16.

Harkom, John W., Melbourne, Quebec, Canada. Rear sight for high-velocity weapons. 1,573,515; Feb. 16.

Harper Electric Furnace Corporation. (See Fitz Gerald, Francis, A. J., assignor.)

Harris, Jesse, assignor to Duncan Electric Manufacturing Company, Lafayette, Ind. Induction electricity meter. 1,573,546; Feb. 16.

Harris, John. (See Rose, James R., assignor.)

Harris, Rex, San Diego, Calif. Internal-combustion-engine-starting mechanism. 1,572,998; Feb. 16.

Harris, Rex, San Diego, Calif. Internal-combustion-engine-starting mechanism. 1,572,999; Feb. 16.

Harrison, Opal. (See Munson, Oliver P., assignor.)

Harrison, Thomas R., Philadelphia, Pa., and P. D. Foote, Washington, D. C. Method and apparatus for making electrical measurements. 1,573,606; Feb. 16.

Harrison, Walter H., Highmore, S. Dak. End gate. 1,573,060; Feb. 16.

Hart, George H., West Hartford, Conn. Electric switch. 1,573,163; Feb. 16.

Hart, George H., West Hartford, Conn. Electric switch. 1,573,164; Feb. 16.

Harteau, Edith, Sobieski, Wis. Fire preventer. 1,572,925; Feb. 16.

Hartford-Fairmont Company. (See Peller, Karl E., assignor.)

Hartmann, Miner L., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and making the same. 1,573,061; Feb. 16.

Hartmann, Miner L., assignor to The Carborundum Company, Niagara Falls, N. Y. Making abrasive articles. 1,573,400; Feb. 16.

Hartogs, Jacques C., Arnhem, Netherlands. Spinning viscose. 1,573,062; Feb. 16.

Hartshorn, Stewart, Company. (See Hartsborn, Stewart, assignor.)

Hartshorn, Stewart, Short Hills, assignor to Stewart Hartsborn Company, East Newark, N. J. Shade roller. 1,573,492; Feb. 16.

Harty, William A., Buffalo, N. Y., and F. W. Moore, Thorold, Ontario, Canada. Rotary drier. Re16,265; Feb. 16.

Haseltine, Stacy B., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Door operating and locking device. 1,573,063; Feb. 16.

Hauck, Andrew C., assignor to Williamsburg Wood Heel Company, Brooklyn, N. Y. Edging gauge. 1,573,705; Feb. 16.

Haughton Elevator & Machine Company. (See Brubaker, John A., assignor.)

Haughton Elevator & Machine Company. (See Thurston, Ernest B., assignor.)

Hawley, Charles G., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler. 1,573,547; Feb. 16.

Hawley, Charles G., assignor to Locomotive Firebox Company, Chicago, Ill. Brick-supporting thermic siphon. 1,573,548; Feb. 16.

Heald, James N., A. Turner, and G. C. Kimmel, assignors to The Heald Machine Company, Worcester, Mass. Grinding machine. 1,572,926; Feb. 16.

Heald Machine Company, The. (See Heald, J. N., Turner, and Kimmel, assignors.)

Heath, Spencer, Baltimore, Md. Propeller-blade mounting. 1,573,000; Feb. 16.

Heine, Hermann, assignor to the Firm Ernst Leitz, Optische Werke, Wetzlar, Germany. Photographic camera. 1,573,401; Feb. 16.

Heisey, A. H., & Co. (See Balda, Joseph O., assignor.)

Heitzman, Emanuel, Alexandria, S. Dak. Attachment for corn shellers. 1,573,064; Feb. 16.

Hellmund, Rudolf E., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control apparatus. 1,572,927; Feb. 16.

Henderson, Matthew, Auckland, New Zealand. Tramway trolley pole. 1,573,001; Feb. 16.

Henry, James B., Burlingame, Calif. Vehicle fender. 1,573,243; Feb. 16.

Herman, Albert F., Cleveland, and H. S. Ellson, Lakewood, Ohio, assignors to National Carbon Company, Inc. Conductive brush and securing attachments thereto. 1,573,402; Feb. 16.

Hermann, Ralph L. (See Owens, C. C., and Hermann.)

Herzog, Joseph L., New Rochelle, N. Y. Finger ring or similar article. Des. 69,451; Feb. 16.

Hess, Albert J., Springfield, Ohio. Motormeter lock. 1,573,002; Feb. 16.

Hess, William C., Toledo, Ohio. Carburetor. 1,573,065; Feb. 16.

Hewitt, Edward R. (See Govers, F. X., and Hewitt.)

Heyd, Esler B., Garrettsville, Ohio. Drill for fertilizers and seeds. 1,573,493; Feb. 16.

Heyman, Wilbert A. (See McComb, W., and Heyman.)

Hiatt, Enos B., Palisade, Colo. Device for packing fruit and the like. 1,573,341; Feb. 16.

Hibner, John M., assignor to Morgan & Wright, Detroit, Mich. Manufacturing cushion tires. 1,573,391; Feb. 16.

Hickey, Dennis E., Chicago, Ill. Razor blade. 1,573,244; Feb. 16.

Highway Trailer Company. (See Burton, Robert N., assignor.)

Hill, Willard J., S. J. Lupton, and F. E. Collinson, Winnipeg, Manitoba, Canada, assignors to said Hill. Combined water-gauge illuminator and protector. 1,573,342; Feb. 16.

Himes, Walter H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Short-circuiting device. 1,572,928; Feb. 16.

Himes, Walter H., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Short-circuiting device. 1,572,929; Feb. 16.

Himpel, Joseph, West Haven, Conn. Upright piano action. 1,573,607; Feb. 16.

Hinnekens, Florent, Paterson, N. J. Flock-printing machine. 1,573,494; Feb. 16.

Hitchcock, Delbert, Millersburg, Ohio. Electric time switch. 1,573,066; Feb. 16.

Hoerle, William F., assignor to Union Hardware Company, Torrington, Conn. Steel golf-club shaft. 1,573,707; Feb. 16.

Hoerle, William F., assignor to Union Hardware Company, Torrington, Conn. Manufacture of golf-club shafts. 1,573,708; Feb. 16.

Hoffman, Andrew, Mfg. Co. (See Bock, Charles S., assignor.)

Hoffman, B., Manufacturing Co. (See Hackman, William C., assignor.)

Hohl, Jacob, Weehawken, and E. G. Keller, New Durham, N. J. Embroidery machine. 1,573,165; Feb. 16.

Hohorst, William F., Monrovia, Calif. Tackle. 1,573,245; Feb. 16.

Holeka, William F., San Francisco, Calif. Support. 1,573,343; Feb. 16.

Holland Furnace Company. (See Nystrom, O. P., and De Ldn, assignors.)

Holland, Henry T., Winfield, N. Y. Bracket. 1,573,246; Feb. 16.

Holland, Norman, Westmount, Quebec, Canada. Drain-pipe strainer. 1,573,067; Feb. 16.

Holley, Earl. (See Anderson, Alexander, assignor.)

Hollius, Denis M., Blackburn, England, assignor to Draper Corporation, Hopedale, Mass. Weft-cutting means for automatic weft-replenishing looms. 1,572,930; Feb. 16.

Homan, William C., Meriden, Conn., assignor to L. T. Wilcox, Peekskill, N. Y. Liquid-fuel burner. 1,573,549; Feb. 16.

Honaman, Richard K., Bloomfield, N. J., assignor to American Telephone and Telegraph Company. Voltage-limiting device. 1,573,068; Feb. 16.

Hopp, Hermann and L., assignors to Hopp Press, Inc., New York, N. Y. Price card or ticket. 1,573,403; Feb. 16.

Hopp, Leo. (See Hopp, Hermann and L.)

Hopp Press, Inc. (See Hopp, Hermann and L., assignors.)

Horman, Augustine F., Andover, Mass. Supply-controlling means for textile-preparing machinery. 1,573,709; Feb. 16.

Horton, Bryson D., assignor to Square D Company, Detroit, Mich. Electrical-switch inclosure or cabinet. 1,573,710; Feb. 16.

Houle, Louis C., West Pittsburg, Pa. Game. 1,573,711; Feb. 16.

Housekeeper, William G., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacture of vacuum tubes. 1,573,317; Feb. 16.

Howard, Frank. (See Bergere, Emerick W., assignor.)

Howard, Frank A., Elizabeth, N. J., and D. G. Tomkins, New York, N. Y., assignors to Standard Development Company. Liquid-dispensing device. 1,573,766; Feb. 16.

Hoy, Llewellyn C., et al. (See Iles, Charles E., assignor.)

Hoyman, Milan G. (See Dreese, Gertrude, assignor.)

Hrusëcky, Joseph. (See Yanovich, J., and Hrusëcky.)

Huber, Joseph, Bozeman, Mont. Racing sulky. 1,573,318; Feb. 16.

Huffman, Samuel C., Lincoln, Nebr. Metal filing case. 1,573,608; Feb. 16.

Hughes, Frank C., Chicago, Ill. Tire-valve-casing cap. 1,573,495; Feb. 16.

Hull, Luther J., et al. (See Mulligan, Paul C., assignor.)

Hunt, Arthur L., Ravenwood, Mo. Fender control. 1,573,712; Feb. 16.

Hunt, Fay, New York, N. Y. Derrick. 1,573,713; Feb. 16.

Hunt, John H., assignor to General Motors Research Corporation, Dayton, Ohio. Air-cooling system. 1,573,641; Feb. 16.

Hurd, Norman B., assignor to The American Hardware Corporation, New Britain, Conn. Friction door holder. 1,573,404; Feb. 16.

Hurst, George S., assignor to The J. B. Williams Company, Glastonbury, Conn. Display device. 1,573,767; Feb. 16.

Hutchinson, Arthur H., Atlanta, Ga. Ice-making apparatus. 1,573,714; Feb. 16.

Hutchinson, Thomas C., Duluth, Minn. Grain separator. 1,573,166; Feb. 16.

Huyck, F. C., & Sons. (See Wilson, E. J., and Rees, assignors.)

Iles, Charles E., deceased, Birmingham, assignor of one-fourth to F. H. Amsden, one-fourth to L. C. Hoy, London, and one-fourth to T. F. Thirlby, Birmingham, England; E. A. Iles and C. E. Iles, executors. Addition to sewing thimbles. 1,573,715; Feb. 16.

Iles, Charles E., et al., executors. (See Iles, Charles E.)

Iles, Emily A., et al., executors. (See Iles, Charles E.)

Illinois-Pacific Glass Co. (See Pleukharp, Claude W., assignor.)

Illinois Patents Corporation. (See Edstrom, Otto E., assignor.)

Industrial Waste Products Corporation. (See Dickerson, W. H., and McLaughlin, assignors.)

Ingersoll-Rand Company. (See Bayles, Lewis C., assignor.)

Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)

Ingersoll-Rand Company. (See Slater, Fred M., assignor.)

Ingersoll-Rand Company. (See Smith, William A., assignor.)

Inglis, Henry B. (See Paulus, C. L., Kauch, and Inglis.)

Ingold, Ernest A., assignor to Messrs. W. & C. Pantin, London, England. Wire binding or tying apparatus. 1,573,516; Feb. 16.

International Agricultural Corporation. (See Barr, James A., assignor.)

International Motor Company. (See Froesch, Charles, assignor.)

International Motor Company. (See Robbins, Azor D., assignor.)

Irie, George G., Los Angeles, Calif. Automobile license-plate holder. 1,573,118; Feb. 16.

Isaachsen, Isak, assignor to A/S Krystal, Christiania, Norway. Suspension vessel. 1,573,716; Feb. 16.

Isley, George H. (See Lummis, C. W., and Isley.)

Isom, Edward W., Winnetka, Ill., and J. B. Bell, Brooklyn, N. Y., assignors to Sinclair Refining Company, Chicago, Ill. Condensation of hydrocarbon vapors. 1,573,167; Feb. 16.

Jalufka, Julius G. (See Drozd, Frank, assignor.)

James, William T., Chicago, Ill. Scooter. 1,573,247; Feb. 16.

Jansson, Theodore A., Johnson City, and C. A. Bornmann, Binghamton, assignors to Ansco Photoproducts, Inc., Binghamton, N. Y. Tripod. 1,573,496; Feb. 16.

Japolsky, Nicolas, and M. Kostenko, London, England. Installation for operating reciprocating electric motors. 1,573,003; Feb. 16.

Jeffrey Manufacturing Company, The. (See Brill, Lawrence E., assignor.)

Jenkins, Charles F., assignor to Radio Pictures Corporation, Washington, D. C. Machine for making optical prisms. 1,573,609; Feb. 16.

Jensen, Anton M., Los Gatos, Calif. Furring nail. 1,573,069; Feb. 16.

Jersemann, Max, Brooklyn, N. Y. Radiator inclosure. 1,573,610; Feb. 16.

Johnsen, Peter, assignor of one-half to C. L. Johnson, New Orleans, La. Fuel-injection device. 1,573,248; Feb. 16.

Johnson, Arthur D., and F. A. Schulze, Welland, Ontario, Canada, assignors to Atlas Alloy Steel Corporation, Dunkirk, N. Y. Core-removing machine for hollow drill steel. 1,573,070; Feb. 16.

Johnson, August, Toivola, Minn. Screw jack. 1,573,611; Feb. 16.

Johnson, Charles E., Hale, England. Fastener for stair carpets and the like. 1,572,931; Feb. 16.

Johnson, Claude L. (See Johnsen, Peter, assignor.)

Johnson, Edgar D., East Orange, and C. W. Green, Wyoming, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Signaling circuit. 1,573,395; Feb. 16.

Johnson, Ecbert A. (See Fancher, C. J., and Johnson.)

Johnston, Georgina A., Los Angeles, Calif. Vending machine. 1,573,517; Feb. 16.

Johnston, Waldo C., Cooperstown, N. Y. Hand grip for golf clubs. 1,573,612; Feb. 16.

Johnstone, Robert M., Roselle Park, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y. Spacing cores. 1,573,613; Feb. 16.

Jones, Harry C., Larchmont, assignor to Lithoprintex Corporation, New York, N. Y. Counting head. 1,572,932; Feb. 16.

Jones, James D., Sault Ste. Marie, Ontario, Canada, and E. E. Litz, East Chicago, Ind. Manufacturing open-hearth steel. 1,573,004; Feb. 16.

Jones, Thomas H., Nottingham, England. Knitting machine. 1,573,614; Feb. 16.

Jonick Sirken Co. (See Kohler, J. F., assignor.)

Jordan, Louis G., Aberdeen, Wash. Picture device. 1,573,344; Feb. 16.

Jordan, Luther M., Owasso, Okla. Hook for well drilling machines. 1,573,444; Feb. 16.

Kadel, Byers W., Baltimore, Md., assignor, by mesne assignments, to The Symington Company, York. 1,573,249; Feb. 16.

Kahn, Maurice, assignor to Société Française des Produits Alimentaires Azotés, Paris, France. Manufacture of certain albumins and fatty matters. 1,572,933; Feb. 16.

Kalamazoo Loose Leaf Binder Co. (See Wigginton, George P., assignor.)

Kalmus, Comstock & Wescott. (See Wall, E. J., and Comstock, assignors.)

Kalte, Frederick E., assignor to Randall Control and Hydrometric Corporation, Los Angeles, Calif. Elevator-door lock. 1,573,345; Feb. 16.

Karstens, Henry C., Shelby County, near Avoca, Iowa. Oil tube for motor vehicles. 1,572,924; Feb. 16.

Kasley, Alexander T., Essington, Pa., assignor to Westinghouse Electric and Manufacturing Company. Reversing mechanism for opposed-piston engines. 1,573,319; Feb. 16.

Kansas City Gasoline Company, The. (See Wellman, Frank E., assignor.)

Kauch, Robert. (See Paulus, C. L., Kauch, and Inglis.)

Kaufmann, Albert, Berlin, Germany. Casting machine. 1,573,518; Feb. 16.

Kay, Arthur P., Auckland, New Zealand. Kettle. 1,573,250; Feb. 16.

Kaye, John A., Sault Ste. Marie, Ontario, Canada. Collapsible barrel. 1,573,071; Feb. 16.

Kayler, Samuel E., Alliance, Ohio. Striping duco and the like. 1,573,168; Feb. 16.

Keckler, Andrew R. (See Wallace, James G., assignor.)

Keehn, Le Roy D., Chicago, Ill. Shoe-sole protector. 1,572,935; Feb. 16.

Keene, William J., assignor to Chicago Spring Hinge Company, Chicago, Ill. Spring hinge. 1,573,550; Feb. 16.

Keith, Edward W., Denver, Colo., assignor to General Metals Recovery Company. Purifying gas-house liquor. 1,573,169; Feb. 16.

Keller, Ernest G. (See Hohl, J., and Keller.)

Kelly, William M., Westfield, N. J. Impression throw-off. 1,573,005; Feb. 16.

Kemp, James L., et al. (See Gerow, George C., assignors.)

Kemp, Robert, Chicago, Ill., assignor to Westinghouse Electric & Manufacturing Company. Molding. 1,572,936; Feb. 16.

Kempton, Willard H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Strain insulator. 1,572,937; Feb. 16.

Kennedy, Charles, Mays Lick, assignor of one-third to H. C. Galbreath, Brookaville, Ky. Hand transplanting machine. 1,573,768; Feb. 16.

Kestner, Paul J. F., Boulogne-sur-Seine, France. Refractory cement and concrete. 1,573,072; Feb. 16.

Kieser, Walter, Charlottenburg, assignor, by mesne assignments, to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Governing mechanism for turbines. 1,573,781; Feb. 16.

Killars, Charles, Stonington, Conn. Lamp lock. 1,573,717; Feb. 16.

Kimble, Frank R., Van Nuys, Calif. Gas brooder. 1,573,718; Feb. 16.

Kimmel, George C. (See Heald, J. N., Turner, and Kimmel.)

King, Jesse G., assignor, by mesne assignments, to General Motors Research Corporation, Dayton, Ohio. Refrigerating apparatus. 1,573,114; Feb. 16.

King, Jesse G., assignor to Delco-Light Company, Dayton, Ohio. Refrigerating apparatus. 1,573,115; Feb. 16.

Kirby, Eugene, et al. (See Allen, Arthur M., assignor.)

Kissam, Allen, Orlando, Fla. Process for filling and tamping molds. 1,573,346; Feb. 16.

Knoll, William J., assignor to H. B. Rouse & Company, Chicago, Ill. Beveling machine. 1,573,554; Feb. 16.

Knoll, Willy, Stuttgart, Germany. Ornamenting leather. 1,573,251; Feb. 16.

Knoll, Willy, Stuttgart, Germany. Producing shading-off ornamentation on leather. 1,573,252; Feb. 16.

Knottingham, Claude C. and W. S., and J. F. Otis, Roxboro, Wash. Combination lock. 1,573,170; Feb. 16.

Knottingham, William S. (See Knottingham, C. C. and W. S., and Otis.)

Klausmeyer, David C., assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Peephole for threads. 1,573,551; Feb. 16.

Klausmeyer, David C., assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Column-binder-control linkage. 1,573,552; Feb. 16.

Kline, Virgil C., Far Rockaway, N. Y. Draft mechanism. 1,573,320; Feb. 16.

Klinger, Rich., Ges. m. b. H. (See Klinger, Richard, assignor.)

Klinger, Richard, assignor to the Firm of Rich. Klinger Ges. m. b. H., Gumpoldskirchen, Austria. Water-level indicator. 1,573,719; Feb. 16.

Klipec, Joseph, Cleveland, Ohio. Fishhook. 1,573,553; Feb. 16.

Kobayashi, Tsurukichi, Los Angeles, Calif. Thermatologic electrode. 1,573,116; Feb. 16.

Kobe, Inc. (See Coberly, Clarence J., assignor.)

Koerner, Ewald, Dresden, Germany. Drying apparatus for tobacco and the like. 1,573,615; Feb. 16.

Koerner, Ewald, Dresden, Germany. Cigarette-making machine. 1,573,616; Feb. 16.

Köhler, Gerhard. (See Rüdenberg, R., Trettin, and Köhler.)

Kohler, Jacob F., New York, N. Y., assignor to Jonick Sirken Co., Inc. Ceiling plate for lighting fixtures. Des. 69,452; Feb. 16.

Kook, Otto. (See Kujawa, L., and Kook.)

Kostenko, Michael. (See Japolsky, N., and Kostenko.)

Krag, Harry W., assignor to American Shoe Machinery and Tool Company, St. Louis, Mo. Sewing machine. 1,573,617; Feb. 16.

Krantz, Hubert K., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Switch mechanism. 1,572,938; Feb. 16.

Kroeger, Edwin J., Akron, Ohio, assignor to The B. F Goodrich Company, New York, N. Y. Method and apparatus for making hollow articles. 1,573,497; Feb. 16.

Kronfoth, Frank R., Amsterdam, N. Y. Radioantenna. 1,573,171; Feb. 16.

Kujawa, Lorenz, and O. Kook, Madgeburg, Germany. Regulator for air or gas currents. 1,573,253; Feb. 16.

Laabs, Max A., assignor to American Optical Company, Southbridge, Mass. Lens-producing apparatus. 1,573,073; Feb. 16.

Labasse, Paul C., New Orleans, La. Caliper. 1,573,347; Feb. 16.

Lachaine, Joseph, Lowell, Mass. Multiple metal cabinet. 1,573,254; Feb. 16.

Laffey, William J., Chicago, Ill. Adjustable plural-deck truck. 1,573,172; Feb. 16.

Laganke, Charles F., Cleveland, assignor to The Outlook Company, Cleveland, Ohio. Windshield cleaner. 1,573,618; Feb. 16.

Lakeside Supply Company. (See Lunden, John A., assignor.)

Lamp'l, Rosi, Berlin, Germany. Polychromatic security print. 1,573,006; Feb. 16.

Lampson, Edward C., Jefferson, Ohio. Plunger cleaning device. 1,573,720; Feb. 16.

Landgraf, Jacob T., assignor to American Steel Products Co., Macomb, Ill. Brooder stove. 1,573,382; Feb. 16.

Landwehr, Herman W., Holland, Mich. Washing machine. 1,573,173; Feb. 16.

Lanners, Jacob L. (See Mendes, B. P., and Lanners.)

Larner, Chester W., Philadelphia, Pa., assignor to The William Cramp & Sons Ship & Engine Building Company. Valve. 1,573,074; Feb. 16.

Lasker, William W., Jr., Brooklyn, N. Y. Record-forming device. 1,573,174; Feb. 16.

La Societe pour la Fabrication de la Soie "Rhodiaseta." (See Prince, Edmond, assignor.)

Lawrence, George W., Winnipeg, Manitoba, Canada. Talking machine. 1,573,348; Feb. 16.

League, Thomas J., Chicago, Ill., assignor to Diversey Foundry Company. Lamp base. Des. 69,453; Feb. 16.

League, Thomas J., Chicago, Ill. Lamp base. Des. 69,454; Feb. 16.

League, Thomas J., Chicago, Ill. Spindle for lighting fixtures. Des. 69,455; Feb. 16.

League, Thomas J., Chicago, Ill. Lamp base. Des. 69,456; Feb. 16.

League, Thomas J., Chicago, Ill. Lamp base. Des. 69,457; Feb. 16.

Leber, George J. (See Smith, O. A., and Leber.)

Leckie, Herbert V. (See Dickerman, J. A., and Leckie.)

Ledesma, Merced, and A. Acosta, El Paso, Tex. Clean-out attachment for the retention pipe and retention valve of an air-brake system. 1,573,349; Feb. 16.

Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Motor vehicle. 1,573,117; Feb. 16.

Lee, Hoard, Shreveport, La. Internal-combustion motor. 1,573,255; Feb. 16.

Leeper, Wadsworth D., New York, N. Y., assignor to American Demulsifying Company, Muskogee, Okla. Continuous process of demulsifying mineral oils. 1,573,321; Feb. 16.

Lefever, Charles F., assignor to Daisy Manufacturing Company, Plymouth, Mich. Air gun. 1,573,383; Feb. 16.

Leffert, Charles B., assignor to United States Tent & Awning Company, Chicago, Ill. Tent construction. 1,572,939; Feb. 16.

Legg, Joseph W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transmission dynamometer. 1,572,940; Feb. 16.

Lehmann, George, jr., San Jose, Calif. Valve-stem silencer. 1,573,075; Feb. 16.

Lemmer, Paul J., Danbury, Conn. Toilet-seat cover. 1,573,619; Feb. 16.

Lett, James E., jr. (See Nash, D. S., and Lett.)

Levoz, Toussaint, Heer, Belgium. Side-blast converter furnace. 1,572,892; Feb. 16.

Lewis, Edward D., Elmira, N. Y. Combined chimney, furnace, and ventilator. 1,573,406; Feb. 16.

Lewis, George S., Springfield, and E. B. Smith, Chicopee Falls, Mass. Gun. 1,573,405; Feb. 16.

Lewis, Royal S., Yakima, Wash. Snubbing device. 1,573,555; Feb. 16.

Lewis, Seneca G., Greensburg, and G. W. Daum, Jeannette, Pa., Shock absorber. 1,573,175; Feb. 16.

Liebing, William A., and E. H. Loughridge, Cleveland, Ohio. Registering meter. 1,573,176; Feb. 16.

Liebowitz, Irving. (See Stein, H., Austin, and Liebowitz.)

Lieske, Frank J., assignor of one-half to H. W. Gilberg, Detroit, Mich. Game. 1,573,384; Feb. 16.

Lighthipe, Kenneth D., East Orange, N. J., assignor to Elevator Supplies Company, Inc. Signal lens. Des. 69,458; Feb. 16.

Lindburg, Joseph, Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,573,407; Feb. 16.

Link-Belt Company. (See Rapp, Axel G. J., assignor.)

Lithoprintex Corporation. (See Jones, Harry C., assignor.)

Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,572,893; Feb. 16.

Little, George M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,572,894; Feb. 16.

Little, Jesse, Lakewood, assignor to Davol Rubber Company, Providence, R. I. Nursing nipple. 1,573,519; Feb. 16.

Litz, Earl E. (See Jones, J. D., and Litz.)

Lloyd, Herman R., and J. E. Reynolds, Taft, Calif. Sucker-rod fishing tool. 1,573,408; Feb. 16.

Locomotive Firebox Company. (See Hawley, Charles G., assignor.)

Loeffler, Charles H., Brooklyn, N. Y. Collapsible bag. 1,573,721; Feb. 16.

Loffler, Charles L., Des Moines, Iowa. Detachable lug for tractors and the like. 1,572,895; Feb. 16.

Logan, Henry A., Cedar Grove, assignor of one-fourth to M. D. Logan, Shreveport, La. Monkey wrench. 1,573,722; Feb. 16.

Logan, Henry H., Chicago, Ill. Hoist-control unit. 1,573,256; Feb. 16.

Logan, Mack D. (See Logan, Henry A., assignor.)

Lombardi, Lamberto. (See Valentini, Umberto, assignor.)

Long, Beryl C. (See Hallar, F., and Long.)

Long, Logan L., et al. (See Allen, Arthur M., assignor.)

Long, Louis, Parsons, Kans. Key holder. 1,573,723; Feb. 16.

Longley, Roy W., and W. H. Gray, Monroe, Mich. Glue machine. 1,572,896; Feb. 16.

Loomis, George N., Ruth, Nev. Railway brake mechanism. 1,573,257; Feb. 16.

Loughridge, Edwin H. (See Liebing, W. A., and Loughridge.)

Louisville Drying Machinery Co. (See Credo, Julius, assignor.)

Love, Merrill D., Los Angeles, Calif. Aerial projectile toy. 1,573,076; Feb. 16.

Lovett, George A., assignor to General Motors Corporation, Detroit, Mich. Vehicle bumper. 1,573,642; Feb. 16.

Lowe, Cecil W. (See Lowe, Claude M., L. R., and C. W.)

Lowe, Claude M., L. R., and C. W., Kansas City, Mo. Floor construction. 1,573,724; Feb. 16.

Lowe, John C., Minot, N. Dak. Combined phonograph and telephone. 1,573,258; Feb. 16.

Lowe, Lincoln R. (See Lowe, Claude M., L. R., and C. W.)

Lowry, Morris V., Santa Maria, assignor to West End Chemical Company, Oakland, Calif. Producing borax and sodium bicarbonate from lake brines. 1,573,259; Feb. 16.

Lucas, Joseph C., Blandinsville, Ill. Protecting shield for bank and other windows. 1,573,770; Feb. 16.

Luke, Andrew, Zeigler, Ill. Adjustable window-shade and curtain bracket. 1,573,260; Feb. 16.

Lummis, Charles W., and G. H. Isley, assignors to Morgan Construction Company, Worcester, Mass. Gas producer. Re16,262; Feb. 16.

Lundberg, Carl E. (See Taylor, F. L., and Lundberg.)
Lunden, John A., assignor to Lakeside Supply Company, Chicago, Ill. Spring motor. 1,573,556; Feb. 16.
Lupton, Samuel J. (See Hill, W. J., Lupton, and Collinson.)
Lynch, Theodore L., and L. P. Nicholson, Oxnard, Calif. Tubing tongs and wrench. 1,573,409; Feb. 16.
MacDonald, John F., Hillsboro, New Brunswick, Canada. Tire-inflating device. 1,573,725; Feb. 16.
MacDougall, Harry W., East Orange, and A. S. Bertels, Tenafly, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Automatic testing system to test automatic switches. 1,573,412; Feb. 16.
MacDougall, Harry W., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Automatic testing system to test automatic switches. 1,573,413; Feb. 16.
Macfarlane, James C. (See Austin, G., and Macfarlane.)
Macfarlane, William A. (See Austin G., and Macfarlane.)
MacInnes, Robert H., assignor to D. Moore Company, Limited, Hamilton, Ontario, Canada. Electric stove. 1,573,380; Feb. 16.
Mackenzie, Alexander S., assignor to Clayton Gin Compress Company, Houston, Tex. Temporary bale fastening. 1,573,557; Feb. 16.
MacKenzie, Fred L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 1,573,081; Feb. 16.
MacLean, Donald, North Vancouver, British Columbia, Canada. Trolley wheel. 1,573,008; Feb. 16.
MacLellan, Angus D., assignor to MacLellan Mixer Company, Owensboro, Ky. Percentage feeder. 1,573,350; Feb. 16.
MacLellan Mixer Company. (See MacLellan, Angus D., assignor.)
MacLeod, James. (See Reid, H., and MacLeod.)
Macomber, Lynn W., assignor, by mesne assignments, to United Steel & Wire Company, Battle Creek, Mich. Wire basket or receptacle. 1,573,558; Feb. 16.
Madden, Harry D., Newark, N. J., assignor to Westinghouse Lamp Company. Stencil. 1,573,082; Feb. 16.
Madden, Jeremiah, Kansas City, Mo. Lifting tongs. 1,573,263; Feb. 16.
Madoff, Barnett, Scranton, Pa. Sanitary protector. 1,573,726; Feb. 16.
Magranis, Warren C., Northampton, and F. G. Chase, Mittineague, Mass. Heating device for automobile windshields. 1,573,727; Feb. 16.
Mahoney, George H., assignor to Chicago Engineering Works, Inc., Chicago, Ill. Static eliminator. 1,573,414; Feb. 16.
Mahoney, Joseph N., Brooklyn, N. Y., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass. Electric switch. 1,573,179; Feb. 16.
Mallory, Frederick B., Portland, Oreg. Pulley block. 1,573,351; Feb. 16.
Mallory, Frederick B., Portland, Oreg. Pulley block. 1,573,352; Feb. 16.
Manley, Fred B., Paterson, N. J., assignor to Textiles Development Corporation, New York, N. Y. Fabric. 1,573,559; Feb. 16.
Mann, Milton H., San Francisco, Calif. Telephone-directory stand. 1,573,560; Feb. 16.
Mankameyer, Harry A., Kansas City, Mo. Self-closing case. 1,573,264; Feb. 16.
Manning, Bowman & Company. (See Farr, Edward A., assignor.)
Manning, John E., Beckley, W. Va. Loading apparatus. 1,573,728; Feb. 16.
Manning, Maxwell & Moore, Inc. (See Darling, Philip G., assignor.)
Manning, Maxwell & Moore, Inc. (See Williston, Belvin T., assignor.)
Manning, Sim, assignor of one-third to R. Willis, St. Louis, Mo. Lubricating apparatus. 1,573,561; Feb. 16.
Marbury, Ralph E., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Variable condenser. 1,572,897; Feb. 16.
Marden, John W., and C. C. Van Voorhis, East Orange, N. J., assignors to Westinghouse Lamp Company. Production of metals. 1,573,083; Feb. 16.
Marietta, Alphonso H. (See Field, Maletis F., assignor.)
Marquette Manufacturing Company. (See Nordgren, Algot W., assignor.)
Martin, Harry, New York, N. Y. Shoehorn. 1,573,729; Feb. 16.
Martin, Neil, Milton, Mass. Combined hammer and knife. 1,572,898; Feb. 16.
Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle-top construction. 1,573,180; Feb. 16.
Marx, Louis, New York, N. Y. Sounding spinning top. 1,573,084; Feb. 16.
Mastrukoff, Michael S., New York, N. Y. Universal art camera. 1,572,899; Feb. 16.
Matchett, George H., Cleveland, Ohio. Coin-control mechanism. 1,573,181; Feb. 16.
Matha, Albert, Chicago, Ill. Baseball-game apparatus. 1,573,182; Feb. 16.
Maurer, Otto, Great Falls, Mont. Valve lifter. 1,573,773; Feb. 16.
Maxwell, George H., Phoenix, Ariz. Using or applying sticky, heat-sensitive shoe-bottom filler to shoe bottoms. 1,573,353; Feb. 16.
Mayr, Otto. (See Biermanns, J., and Mayr.)
Mays, Hubert, Okmulgee, Okla. Valve attachment. 1,573,730; Feb. 16.
McBride, Jesse E., assignor to Palmer-Bee Company, Detroit, Mich. Trolley conveyer. 1,572,941; Feb. 16.
McCabe, Frank E., Chagrin Falls, and M. L. Roshetko, assignor to The Grabler Manufacturing Company, Cleveland, Ohio. Test fitting. 1,573,410; Feb. 16.
McClatchie, Stanley, Cambridge, Mass. Vacuum cleaner. 1,573,771; Feb. 16.
McClatchie, Stanley, Stuttgart, Germany. Vacuum cleaner. 1,573,772; Feb. 16.
McClintock, Lewis G., Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Transformer. 1,573,077; Feb. 16.
McComb, William, New York, N. Y., and W. A. Heyman, Habana, Cuba. Sterilization and clarification of liquids. 1,573,177; Feb. 16.
McCool, William A., Traverse City, Mich. Confection and making the same. 1,573,078; Feb. 16.
McCullough, William C., Fernwood, Ohio. Thrashing machine. 1,573,178; Feb. 16.
McDarment, Corley P., Mayfield, Ky. Sounding device. 1,573,261; Feb. 16.
McDevitt, James B., Chicago, Il. Humidifier. 1,573,262; Feb. 16.
McGough, Joseph E. (See Wicker, J., and McGough.)
McGregor, Robert R., Chicago, Ill. Radiator and lamp fender for automobiles. 1,572,942; Feb. 16.
McKee, Garnet W., Rockford, Ill. Apparatus for proportionately mixing air and gas. 1,573,079; Feb. 16.
McKinley, Charles W., assignor to The Willys-Overland Company, Toledo, Ohio. Tractor. 1,572,943; Feb. 16.
McKissick, William H., Tulsa, Okla. Means for draining well-tubing preparatory to pulling same. 1,573,411; Feb. 16.
McLaughlin, Celia B., administratrix. (See Dickerson, W. H., and McLaughlin.)
McLaughlin, Wharton B. (See Dickerson, W. H., and McLaughlin.)
McNab, John C., Rochester, N. Y. Valve. 1,573,520; Feb. 16.
McPhetridge, William R., Pittsburgh, Pa. Rail joint. 1,573,007; Feb. 16.
Measuregraph Company, The. (See Wheeler, John L., assignor.)
Mehlum, Casper, Waltham, Mass. Collapsible mandrel. 1,573,183; Feb. 16.
Melani, Alessandro, Spezia, Italy. Apparatus for recovering naphtha floating on the surface of water. 1,573,085; Feb. 16.
Meijer, Martinus A., The Hague, Netherlands, and R. vom Feld, Brunswick, Germany. Receptacle containing volatile or inflammable liquids such as benzine and other hydrocarbons. 1,573,731; Feb. 16.
Mellinger, Edward A., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Telephone-exchange automatic switching system. Re16,268; Feb. 16.
Menasha Printing and Carton Company. (See Beisel, Frank A., assignor.)
Mendes, Bram P., and J. L. Lanners, New York, N. Y. Toy golf game. 1,573,415; Feb. 16.
Mercedes Büro-Maschinen- und Waffen-Werke. (See Schulze, Max, assignor.)
Mersman, Joseph, Ottawa, Ohio. Means for intensifying reproduced tones. 1,573,265; Feb. 16.
Methlin, Nicholas E., assignor to Schneider & Cie., Paris, France. Hydraulic distant-control apparatus. 1,573,354; Feb. 16.
Metropolitan-Columbia Mfg. Co. (See Perry, Harry, assignor.)
Metz, Herman A. (See Dubin, Harry E., assignor.)
Metzger, Floyd J., assignor to California Cyanide Company, Inc., New York, N. Y. Making calcium cyanide and product thereof. 1,573,732; Feb. 16.
Miersma, Thomas, Muskegon, Mich. Curtain stretcher. 1,573,562; Feb. 16.
Milker, Herbert, assignor to American Schaeffer & Budenberg Corporation, Brooklyn, N. Y. Automatic-control system. 1,572,900; Feb. 16.
Miller, Clyde L., and J. F., Los Angeles, Calif. Tonneau windshield. 1,573,086; Feb. 16.
Miller, John F. (See Miller, Clyde L., and J. F.)
Miller, Robert E. L., Front Royal, Va. Dental clamp. 1,572,901; Feb. 16.
Miner, W. H., Inc. (See Haseltine, Stacy B., assignor.)
Miner, W. H., Inc. (See O'Connor, John F., assignor.)
Minton, John P. (See Arnold, H. D., and Minton.)
Mitchell, Alfred W. (See Smith, Charles H., assignor.)
Monger, Clayton C., Camden, Ark. Turpentine substitute and process of manufacturing. 1,572,902; Feb. 16.
Moore, D., Company. (See MacInnes, Robert H., assignor.)
Moore, Edward Y., Cleveland, Ohio. Helicopter. 1,573,563; Feb. 16.
Moore, Frank W. (See Harty, W. A., and Moore.)
Moore, Harold N., Kearney, Nebr. Internal-combustion engine. 1,573,266; Feb. 16.

Moran, William C., Laurel Springs, N. J., assignor to Riehle Bros. Testing Machine Company, Philadelphia, Pa. Testing machine. 1,573,521; Feb. 16.
Moresi, Demag, et al. (See Morse, Irving H., assignor.)
Morgan Construction Company. (See Lummis, C. W., and Isley, assignors.)
Morgan, Hess P., Lisbon, Ohio. Mining machine. 1,573,564; Feb. 16.
Morgan & Wright. (See Hibner, John M., assignor.)
Morris, Ebenezer, Augusta, Ga. Brake device. 1,573,322; Feb. 16.
Morris, Howard A. (See Aldrich, J. P., and Morris.)
Morrissey, Patrick F., Auburn, N. Y. Holder for license and city name plates. 1,573,087; Feb. 16.
Morse, Irving H., New Orleans, assignor of one-fourth to E. R. Theriot, Ashton, and one-fourth to D. Moresi, Jeanerette, La. Clarifying saccharine liquors. 1,573,733; Feb. 16.
Mosler Lock Company, The. (See Benham, Edgar M., assignor.)
Motor Wheel Corporation. (See Forsyth, George H., assignor.)
Muentener, Christian, Wechawken Heights, N. J. Fabric frame for embroidering machines. 1,573,184; Feb. 16.
Müller, Otto, Esslingen-on-the-Neckar, Germany. Molding machine. 1,573,009; Feb. 16.
Mulligan, Paul C., assignor to himself, H. G. Swalwell, I. M. Foster, and L. J. Hull, Seattle, Wash. Briquetting. 1,573,565; Feb. 16.
Munson, Oliver P., Clinton, Ind., assignor, by mesne assignments, of one-half to O. Harrison, Cayuga, Ind. Demountable rim. 1,573,010; Feb. 16.
Nagel, Carl E. (See Small, F. F., and Nagel.)
Nash, David S., Corsicana, and J. E. Lett, jr., Dallas, Tex. Road log and map display device. 1,573,011; Feb. 16.
National Acme Company, The. (See Francher, C. J., and Johnson, assignors.)
National Acme Company. (See Smith, O. A., and Leber, assignors.)
National Carbon Company. (See Herman, A. F., and Ellson, assignors.)
National Casket Company. (See Griffith, Benjamin M., assignor.)
National India Rubber Company. (See Church, Frank E., assignor.)
Naylor, Isaac, San Francisco, Calif. Article of manufacture. 1,573,734; Feb. 16.
Nelson, George M., Monterey, Calif. Concrete reenforcement. 1,573,735; Feb. 16.
Nelson, Joseph E., & Sons. (See Tanner, Inos B., assignor.)
Neumann, Herman, New York, N. Y. Antiskid device. 1,573,736; Feb. 16.
Newman, Martin F., assignor to Wm. B. Scaife & Sons Company, Oakmont, Pa. Softening water. 1,572,944; Feb. 16.
Newport Company, The. (See Gubelmann, I., and Tinker, assignors.)
Ney, Jacob, Canton, Ohio. Animal trap. 1,573,185; Feb. 16.
Nichols, Clifford R., Dallas, Tex. Distributing and placement device for plastic material in centrifugal processes and process of using the same. 1,573,566; Feb. 16.
Nichols, Clifford R., Detroit, Mich. Centrifugal process of forming and finishing hollow bodies of plastic materials and apparatus therefor. 1,573,567; Feb. 16.
Nichols, Clifford R., Detroit, Mich. Impregnating cementitious products. 1,573,568; Feb. 16.
Nichols, Harold W., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Highly-selective circuit. 1,573,323; Feb. 16.
Nicholson, Luther P. (See Lynch, T. L., and Nicholson.)
Nicol, John M., Mill Valley, Calif. Centrifugal separator. 1,573,498; Feb. 16.
Nicol, John M., Mill Valley, Calif. Centrifugal separation. 1,573,499; Feb. 16.
Nistle, Frank P., Intervilla, Pa. Feeding mechanism for continuous baking ovens. 1,573,416; Feb. 16.
Nixon, Jeddy D., Houston, assignor to H. F. Smith, Harris County, Tex. Tong. 1,573,267; Feb. 16.
Noftzger, Charles F., et al. (See Braley, Charles L., assignor.)
Nolen, Harry H., San Diego, Calif. Engine-compression brake apparatus. 1,573,417; Feb. 16.
Nordgren, Algot W., assignor to Marquette Manufacturing Company, St. Paul, Minn. Fastener for supporting arms for bumpers. 1,573,774; Feb. 16.
Norman, Wilfred G., New York, N. Y. Rope-end stopper. 1,573,737; Feb. 16.
Norman, William F., Nevada, Mo. Grave marker 1,573,268; Feb. 16.
Norris, Almon E., Brookline, Mass. Friction clutch. 1,573,324; Feb. 16.
Norton, John F., Boston, Mass. Rotary valve and carbon remover therefor. 1,573,325; Feb. 16.
Nowicki, Martin. (See Goldberg, E., and Nowicki.)
Nygaard, Oscar O., Boston, Mass., assignor to Combustion Engineering Corporation, New York, N. Y. Automatic-stoker dumping grate. 1,572,945; Feb. 16.
Nystrom, Oscar P., and M. De Lin, assignors to Holland Furnace Company, Holland, Mich. Portable conveyer. 1,573,186; Feb. 16.
O'Brien, William G., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Drying apparatus for sheet material. 1,573,775; Feb. 16.
Oechslin, Carl, assignor to Etablissements Poulenc Freres, Paris, France. Preparation of organic derivatives of tin. 1,573,738; Feb. 16.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,573,118; Feb. 16.
Oderberger Chemische Werke Aktiengesellschaft. (See Chwala, August, assignor.)
O'Donnell, Patrick S., London, England. Telephone-mouthpiece disinfector. 1,573,012; Feb. 16.
Ogg, William A., Newton, Mass. Smelting ores of volatile metals. 1,573,013; Feb. 16.
Ogg, William A., Newton, Mass. Smelting volatilizable metals. 1,573,014; Feb. 16.
Ogg, William A., Newton, Mass. Smelting volatilizable metals. 1,573,015; Feb. 16.
Olgay, Albert. (See Crandall, J. E., and Olgay.)
Ohme, Walter F., Minneapolis, and L. H. Felker, St. Paul, Minn. Bumper. 1,573,326; Feb. 16.
O'Keefe, George W., Dorchester, assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass. Thermal electric-circuit controller. 1,573,187; Feb. 16.
Olsen, John K., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Range-limiting device for searchlights. 1,573,418; Feb. 16.
Olsson, Zacharias, assignor, by mesne assignments, to Burgoyne Light & Signal Corporation, New York, N. Y. Lamp wick. 1,573,500; Feb. 16.
O'Neill, John H., Springfield, Mo. Telephonic device. 1,573,739; Feb. 16.
O'Rourke, John J., Harrisburg, Pa. Railway-switch mechanism. 1,573,355; Feb. 16.
Osgian, James M., Racine, Wis. Automobile signal. 1,573,501; Feb. 16.
Osnos, Mendel, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches, Berlin, Germany. Transmitting arrangement for wireless signaling. 1,572,789; Feb. 16.
Oswego Falls Corporation. (See Wright, Wilbur L., assignor.)
Otis, John F. (See Knottingham, C. C. and W. S., and Otis.)
Out of The Inkwell Films, Inc. (See Fleischer, Max, assignor.)
Outlook Company, The. (See Laganke, Charles F., assignor.)
Owens, Charles C., and Ralph L. Hermann, Detroit, Mich., assignors to Westinghouse Electric & Manufacturing Company. Trolley pole. 1,572,946; Feb. 16.
Packard Motor Car Company. (See Hammerl, Jacob, assignor.)
Page, Herbert P., Boston, Mass.. Edible ice-cream container. Des. 69,459; Feb. 16.
Palmer-Bee Company. (See McBride, Jesse E., assignor.)
Palmer, Roy R. (See Wieser, Frank E., assignor.)
Pamblanco, Henry E., Stockton, Calif. Shoe-lace hook. 1,573,119; Feb. 16.
Pambrun, Leopold B., San Francisco, Calif. Applicator for therapeutic lamps. 1,573,419; Feb. 16.
Pantin, W & C., Messrs. (See Ingold, Ernest A., assignor.)
Papadopoulos, John C., now by judicial change of name known as J. Paulas, New York, N. Y. Telegraphone. 1,573,740; Feb. 16.
Paramount Rubber Consolidated, Inc. (See Roberts, F. T., assignor.)
Paramount Rubber Consolidated, Inc. (See Roberts, F. T. and W. E., assignors.)
Pardoe, John D., assignor of one-half to R. T. Cameron, Memphis, Tenn. Motor lock. 1,572,947; Feb. 16.
Parent, William E., Philadelphia, Pa., assignor, by mesne assignments, to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 1,573,741; Feb. 16.
Parker, George M., St. Louis, Mo. Boiler wall. 1,573,188; Feb. 16.
Parks, Dennis, St. Louis, Mo. Method of and machine for randing heel blanks. 1,573,189; Feb. 16.
Passé, Henry G. (See Hand, L. J., and Passé.)
Paulas, John. (See Papadopoulos, John C.)
Panius, Charles I., R. Kauch, and H. B. Inglis, Dayton, Ohio. Vertical finder for aircraft. 1,573,269; Feb. 16.
Pearson, Elihu C., Stillwater, Okla. Plant setter. 1,573,270; Feb. 16.
Pedroes, Rose A., Chicago, Ill. Vapor-bath cabinet. 1,573,016; Feb. 16.
Peller, Karl E., West Hartford, assignor to Hartford-Fairmont Company, Hartford, Conn. Feeding molten glass. 1,573,742; Feb. 16.
Peloquin, Edmond, assignor to American Optical Company, Southbridge, Mass. Goggles. 1,573,088; Feb. 16.
Penfold, Albert E., Birmingham, assignor to The Dunlop Rubber Company, Limited, Lnodn, England. Manufacture of golf balls. 1,573,271; Feb. 16.
Penley, Benjamin S., Philadelphia, Pa., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Sheet producing and stacking apparatus. 1,573,120; Feb. 16.
Penney, Albert E., et al. (See Taylor, William B., assignor.)
Perry, Harry, Brooklyn, N. Y., assignor to Metropolitan-Columbia Mfg. Co., Inc. Backplate for lighting fixtures. Des. 69,460; Feb. 16.

Perry, John M., et al. (See Primm, Joseph P., assignor.)
Perry, Leroy H. (See Bettis, W. I., and Perry.)
Person, Earl R., Leominster, Mass., assignor to The Viscoloid Company. Shaping sheet pyroxylin and the like. 1,573,358; Feb. 16.
Persson, Nils. (See Ruths, J., and Persson.)
Peters, Charles A., Downey, Calif., assignor to Peters Holding Company. Method and apparatus for molding reenforced-composition studding. 1,573,502; Feb. 16.
Peters Holding Company. (See Peters, Charles A., assignor.)
Peters, Oscar A. (See Brannington, Edwin O., assignor.)
Petersen, Armand, Omaha, Nebr. Display and storage counter. 1,573,569; Feb. 16.
Phillips, George E., Imola, Calif. Antiglare shield. 1,573,272; Feb. 16.
Phillips, Harry D., Bluefield, W. Va. Display container. 1,573,445; Feb. 16.
Phillips, Paul D., Elmhurst, assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electric fixture. 1,573,420; Feb. 16.
Phoenix, Joseph, Adams, Mass. Swing. 1,573,357; Feb. 16.
Pieper, Alphonse F., Rochester, N. Y. Valve. 1,573,786; Feb. 16.
Pierce, Raymond T., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Graphic-meter-control mechanism. 1,572,948; Feb. 16.
Pierce, Raymond T., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Graphic-meter-control mechanism. 1,572,949; Feb. 16.
Pierce, Raymond T., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Graphic-meter-control mechanism. 1,572,950; Feb. 16.
Pierce, Raymond T., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Relay-tripping system. 1,572,951; Feb. 16.
Pike, Frank P., et al. (See Taylor, William B., assignor.)
Pilnacek, Michael. (See Simonek, Rudolph, assignor.)
Pistor, Gustav, Griesheim-on-the-Main, assignor to Chemische Fabrik Griesheim-Elektron, Frankfort-on-the-Main, Germany. Drying calcium-hypochlorite compounds. 1,572,952; Feb. 16.
Pittsburgh Transformer Company. (See McClintock, Lewis G., assignor.)
Platt, Cornelius B., and W. S. Brown, Carthage, Mo. Connecting springs for use in bed bottoms and other places. 1,573,570; Feb. 16.
Pletsch, Carl, Bad-Nauheim, Germany. Galvanizing apparatus. 1,572,953; Feb. 16.
Pleukharp, Claude W., assignor to Illinois-Pacific Glass Co., San Francisco, Calif. Glass-flowing device. 1,573,273; Feb. 16.
Podszus, Emil, Berlin-Friedrichshagan, Germany. Obtaining powders of great fineness. 1,573,017; Feb. 16.
Pohl, Ernst, Kiel, Germany. Table for X-ray transradiation. 1,573,571; Feb. 16.
Polte. (See Böttner, Arno, assignor.)
Popham, Arthur C., Kansas City, Mo. Restraining device. 1,573,446; Feb. 16.
Portis, James A., Dalsetta, assignor of one-fourth to A. L. Barrow, Liberty County, Tex. Radius rod. 1,573,782; Feb. 16.
Porter, Benjamin, Fullerton, N. Dak. Light deflector. 1,573,743; Feb. 16.
Potter, Justus, Richmond Hill, assignor of one-half to W. T. Stevenson, Woodside, Long Island, N. Y. Snow-removing apparatus. 1,573,121; Feb. 16.
Pratt, Arthur D., Short Hills, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Superheater and setting therefor. 1,572,954; Feb. 16.
Prescott, Thomas, Stockton, Calif. Potato-sorting device. 1,573,274; Feb. 16.
Press, Edith, et al. (See Gerow, George C., assignor.)
Press, William J., et al. (See Gerow, George C., assignor.)
Prest-O-Lite Company. (See Benner, Raymond C., assignor.)
Prewitt, John C., Santa Margarita, Calif. Road-map and registration-certificate holder. 1,573,447; Feb. 16.
Price, Jacob L., Chicago, Ill., assignor to Bendix Brake Company. Brake-operating connection. 1,573,275; Feb. 16.
Primm, Joseph P., assignor of one-third to H. R. Berry and one-third to J. M. Berry, Rome, Ga. Knitting machine. 1,573,018; Feb. 16.
Prince, Edmond, Lyon, assignor to La Societe pour la Fabrication de la Sole "Rhodiaseta," Paris, France. Process and apparatus for the manufacture of artificial thread. 1,572,955; Feb. 16.
Printing Machinery Company. (See Thiel, Emil E., assignor.)
Proch, Joseph F., Chicago, Ill. Bowling machine. 1,573,643; Feb. 16.
Proofing Laboratories, Inc. (See Blenio, Guido, assignor.)
Providence Collar Button Company. (See Byron, John F.)
Purnell, Enoch, et al. (See Purnell, Lemuel H., assignor.)
Purnell, Lemuel H., Oak Park, Ill., assignor of one-half to H. G. Goelitz and one-half to E. Purnell. Making pipe elbows. 1,573,448; Feb. 16.
Pyrene Manufacturing Company. (See Bedford, Howard E., assignor.)
Rachlin, Max, assignor to Apex Gutter Hanger Corporation, New York, N. Y. Gutter hanger. 1,573,449; Feb. 16.
Radio Pictures Corporation. (See Jenkins, Charles F., assignor.)
Rail Joint Company, The. (See Braine, Bancroft G., assignor.)
Railway Safety Brake Lock Corporation. (See Westbo, B. W., and Bisson, assignors.)
Ralzen, Charles S., Brooklyn, N. Y. Toy dish playing set. 1,573,190; Feb. 16.
Randall Control and Hydrometric Corporation. (See Kalte, Frederick E., assignor.)
Randolph, Charles P., Oak Park, assignor to Edison Electric Appliance Company, Incorporated, Chicago, Ill. Electric heater. 1,573,787; Feb. 16.
Rank, Herman J., St. Paul, Minn. Electrical toy. 1,573,122; Feb. 16.
Rapp, Axel G. J., assignor to Link-Belt Company, Chicago, Ill. Casting-handling machine. 1,573,421; Feb. 16.
Rappaport, Arthur G., assignor to Goodman Bros., New York, N. Y. Stocking. 1,572,956; Feb. 16.
Rawlings Manufacturing Company. (See Whitley, W. P., and Zuppke, assignors.)
Raymond Brothers Impact Pulverizer Co. (See Crites, Joe, assignor.)
Raymond Brothers Impact Pulverizer Company, The. (See Raymond, Fred I., assignor.)
Raymond Brothers Impact Pulverizer Company. (See Raymond, F. I., and Senseman, assignors.)
Raymond, Fred I., Evanston, Ill., and W. B. Senseman, Los Angeles, Calif., assignors to The Raymond Brothers Impact Pulverizer Company, Chicago, Ill. Pulverizing mill. 1,573,191; Feb. 16.
Raymond, Fred I., River Forest, assignor to The Raymond Brothers Impact Pulverizer Company, Chicago, Ill. Feed-controlling mechanism. 1,573,192; Feb. 16.
Raynor, John S., Philadelphia, Pa. Clip for fastening expanded-metal laths. 1,573,783; Feb. 16.
Rayson, Charles H. M., St. Kilda, near Melbourne, Victoria, Australia. Chilling apparatus. 1,573,450; Feb. 16.
Red Jacket Manufacturing Company. (See Stebbins, Timothy J., assignor.)
Reed, James H., Swampscott, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Shoe-sewing machine. 1,572,957; Feb. 16.
Rees, Edwin A. (See Wilson, E. J., and Rees.)
Rees, Frank W., assignor to Superior Tool Company, Inc., Olympia, Wash. Wheel puller for motor vehicles. 1,573,572; Feb. 16.
Regars, Ridgeway, assignor to United States Cast Iron Pipe & Foundry Company, Burlington, N. J. Ring-heating furnace. 1,573,522; Feb. 16.
Reid, Hugh, and J. MacLeod, Glasgow, Scotland. Turbine-driven locomotive. 1,572,958; Feb. 16.
Reifsnyder, James D., Brooklyn, assignor to Tulip Container Corporation, New York, N. Y. Tube-forming machine. 1,573,573; Feb. 16.
Reifsnyder, James D., Brooklyn, assignor to Tulip Container Corporation, New York, N. Y. Tube-forming machine. 1,573,574; Feb. 16.
Rein, Charles L., Baltimore, Md. Antiglare headlight front. 1,573,451; Feb. 16.
Reingold, Meyer. (See Reingold, Noah and M.)
Reingold, Noah and M., New York, N. Y. Suction device for unhairing machines. 1,573,575; Feb. 16.
Remington-Noiseless Typewriter Corporation. (See Going, George G., assignor.)
Repkow, George H., and J. T. Bundo, Waukegan, Ill. Automobile carburetor adjuster. 1,573,123; Feb. 16.
Ressegule, Alba A., Terril, Iowa. Planter depth gauge. 1,573,327; Feb. 16.
Reynolds, Jack E. (See Lloyd, H. R., and Reynolds.)
Rhines, Frank W., Lamont, Iowa. Leg band. 1,573,744; Feb. 16.
Ribbeck, William A. (See Ross, James H., jr., assignor.)
Rice, John, Burlington, N. J. Mold construction for centrifugal casting machines. 1,573,089; Feb. 16.
Rice, John V., jr., Bordentown, N. J., assignor to Rice Portable Rock Drill Corporation, Wilmington, Del. Gasoline rock drill. 1,573,790; Feb. 16.
Rice Portable Drill Corporation. (See Rice, John V., jr., assignor.)
Richard, Stephen, jr., Sturbridge, Mass. Thread-grinding machine. 1,573,523; Feb. 16.
Richards, Bernard, et al. (See Warren, William, assignor.)
Richards, Charles H., Aurora, Ill., assignor of one-half to Richsto Manufacturing Company. Window casing. 1,573,452; Feb. 16.
Richsto Manufacturing Company. (See Richards, Charles H., assignor.)
Rickenbacker, Louis H. (See Brannon, Emmitt E., assignor.)
Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 1,573,124; Feb. 16.
Riehle Bros. Testing Machine Company. (See Moran, William C., assignor.)

Riesenweber, Charles, St. Louis, Mo., assignor, by mesne assignments, to Universal Ironing Machine Company. Ironing machine. 1,573,193; Feb. 16.
Rifner, Frank D., Dayton, Ohio. Metal-working device. 1,573,503; Feb. 16.
Ritchie, Rush J., Kansas City, Mo., assignor of one-half to F. Spiekerman, Greenwich, Conn. Drier. 1,573,453; Feb. 16.
Robbins, Azor D., assignor to International Motor Company, New York, N. Y. Drive for motor vehicles. 1,572,903; Feb. 16.
Robbins, Hugh P., Chicago, Ill. Automatic loader. 1,573,125; Feb. 16.
Roberts, Fred T., Upper Montclair, and W. E. Roberts, assignors to Paramount Rubber Consolidated, Inc., Little Falls, N. J. Football and method of making the same. 1,573,576; Feb. 16.
Roberts, Fred T., Yonkers, assignor to Paramount Rubber Consolidated, Inc., Tuckahoe, N. Y. Method and apparatus for making flush-tank bulbs. 1,573,577; Feb. 16.
Roberts, Turney B., Memphis, Tex. Lister plow. 1,573,745; Feb. 16
Roberts, William E. (See Roberts, Fred T. and W. E.)
Robeson, Edna G., Atlanta, Ga., assignor to Atlanta Model Machine Company. Type bar. Re16,263; Feb. 16.
Robinson, Lulu H., Dallas, Tex. Multiple-rod support for window hangings. 1,573,644; Feb. 16.
Roe, Bradley, assignor to Roe Door and Window Company, Chicago, Ill. Door. 1,573,194; Feb. 16.
Roe Door and Window Company. (See Roe, Bradley, assignor.)
Rosthlisberger, Emil, New York, N. Y. Combination key. 1,573,791; Feb. 16.
Rogers, Newman L., Los Angeles, Calif. Amusement device. 1,573,645; Feb. 16.
Rollinson, Earl H., Lyon Farms, N. J. Diaphragm for telephone receivers. 1,573,276; Feb. 16.
Rose, James R., Edgeworth, Pa., assignor of one-half to J. Harris, Cleveland, Ohio. Gaseous fuel production. 1,573,524; Feb. 16.
Rosenbaum, Leo R., Campbellsport, Wis. Demountable wheel rim. 1,573,746; Feb. 16.
Rosenbluth, Edwin M., Willingford, Pa. Automobile accessory. 1,573,578; Feb. 16.
Rosenstein, Sidney, New York, N. Y. Renewable match book. 1,573,747; Feb. 16.
Rosenstein, Sidney, New York, N. Y. Place card. 1,573,748; Feb. 16.
Roshetko, Michael L. (See McCabe, F. E., and Roshetko.)
Ross, Clifton H., Junction City, Kans. Lid fastener for boxes. 1,573,579; Feb. 16.
Ross, James H., jr., assignor of one-half to W. A. Ribbeck, Chicago, Ill. Dental appliance. 1,573,749; Feb. 16.
Ross, Joseph P., Winona, Minn. Educational device. 1,573,358; Feb. 16.
Rouse, H. B., & Company. (See Knoll, William J., assignor.)
Rovere, R. Dalla. (See Steiner, Julius, assignor.)
Rowlett, Jerry, Mound City, Mo. Feed cooker and heater. 1,573,090; Feb. 16.
Rowlett, Jerry, Mound City, Mo. Marker for corn planters. 1,573,091; Feb. 16.
Rownick, Frank, Iron River, Mich. Illuminating lens. Des. 69,461; Feb. 16.
Rubber Service Laboratories Co., The. (See Hand, Carl N., assignor.)
Ruckstell, Glover E., Berkeley, Calif. Power-transmission device. 1,573,359; Feb. 16.
Rüdenberg, Reinhold, Berlin-Charlottenburg, C. Trettin, Berlin, and G. Köhler, Berlin-Wilmersdorf, assignors to Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Siemensstadt, near Berlin, Germany. Rapid regulation of the voltage in conductor systems. 1,572,959; Feb. 16.
Russell, Irving H., assignor to Sloan Valve Company, Chicago, Ill. Valve. 1,573,092; Feb. 16.
Russell, John F., Santa Monica, Calif. Hotel code and information chart holder. 1,573,195; Feb. 16.
Russell, Robert, Manchester, and H. Broomfield, Stockport, England. Tennis and other playing balls. 1,573,093; Feb. 16.
Ruths, Johannes K., Djursholm, assignor to Aktiebolaget Vaporackumulator, Stockholm, Sweden. Steam-power plant. 1,572,960; Feb. 16.
Ruths, Johannes, Djursholm, and N. Persson, Brevik, Lidingon, assignors to Aktiebolaget Vaporackumulator, Stockholm, Sweden. Steam-accumulator apparatus for steam plants. 1,572,961; Feb. 16.
Ruths, Johannes K., Djursholm, and N. Persson, assignors to Aktiebolaget Vaporackumulator, Stockholm, Sweden. Steam-accumulator plant. 1,572,962; Feb. 16.
Ruths, Johannes K., Djursholm, and N. Persson, assignors to Aktiebolaget Vaporackumulator, Stockholm, Sweden. Steam-accumulator plant. 1,572,963; Feb. 16.
Rutter, Albert M., and C. R. Benson, Baltimore, Md. Bearing scraping and burnishing tool. 1,573,019; Feb. 16.
Ruttle, Harry E., Chicago, Ill. Canopy holder. 1,573,580; Feb. 16.
Rutz, Roy, Navarre, Kans. Tire tool. 1,573,581; Feb. 16.
Saal, Henry G., Chicago, Ill. Polarized electromagnet. 1,573,094; Feb. 16.
Sager, Charlie W., Superior, Ariz. Bracket for alarm clocks and watches. 1,573,277; Feb. 16.
Saklatwalla, Byramji D., and A. N. Anderson, Crafton, Pa., assignors, by mesne assignments, to Vanadium Corporation of America, New York, N. Y. Power control. 1,573,095; Feb. 16.
Sale, Burt, Portland, Oreg. Lock nut. 1,573,328; Feb. 16.
Salorio, William, Lancaster, Pa. Motion-picture machine. 1,573,422; Feb. 16.
Sanders, William W., Griffin, Ark. Shut-off discharge valve. 1,572,964; Feb. 16.
Sandoz, Henri, assignor to Tavannes Watch Co., S. A., Tavannes, Switzerland. Multicylinder pump. 1,573,525; Feb. 16.
Scaife, Wm B., & Sons Company. (See Newman, Martin F., assignor.)
Schaake, William, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Trolley-conductor device. 1,572,965; Feb. 16.
Schnake, William, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Conduit plow. 1,572,966; Feb. 16.
Schat, Ane P., Wassenaar, Netherlands. Apparatus for lowering lifeboats. 1,573,196; Feb. 16.
Schiefferle, Charles, Los Angeles, and J. Schiefferle, Inglewood, Calif. Fishing tool. 1,573,646; Feb. 16.
Schiefferle, Julius. (See Schiefferle, Charles and J.)
Schieren, George A., Great Neck, N. Y. Safety razor. Re16,264; Feb. 16.
Schlaich, Herman, Long Island City, N. Y. Retaining device for radiator caps. 1,573,096; Feb. 16.
Schlesinger, Anthony W., Beaumont, Tex. Poison-liquid container. 1,573,278; Feb. 16.
Schlosser, John B., Detroit, Mich. Boiler. 1,573,097; Feb. 16.
Schmid, William, Bronson, Mich. Carburetor. 1,572,967; Feb. 16.
Schmid, William, Bronson, Mich. Carburetor. 1,572,968; Feb. 16.
Schneider & Cie. (See Methlin, Nicholas E., assignor.)
Schofield, Walter. (See Geddes, William F., assignor.)
Schott, Otto, Stuttgart, assignor to W. Gruhler, Panoramastr. 31, Degerloch, Stuttgart, Germany. Faucet or tap for water pipes, etc. 1,573,526; Feb. 16.
Schreader, Arthur F., Flandreau, S. Dak. Combined hayrack and hograck. 1,573,750; Feb. 16.
Schuette, Robert W., Munhall Borough, Pa. Flexible coupling. 1,573,197; Feb. 16.
Schuh, Alfred E. (See Schuh, George A. and A. E.)
Schuh, George A. and A. E., Buffalo, N. Y. Combined license-plate holder, name plate, and signal light. Des. 69,463; Feb. 16.
Schultz, Klara P. A., and L. Wuest, Brooklyn, N. Y. Washing machine. 1,573,423; Feb. 16.
Schulze, Frederick A. (See Johnson, A. D., and Schulze.)
Schulze, Max, Thuringen, assignor to Mercedes Büro-Maschinen- und Waffen-Werke, Benshausen, Thuringa, Germany. Power-operated typewriter. 1,573,751; Feb. 16.
Schwartz, Arnold A., Chicago, Ill. Lamp bracket. Des. 69,464; Feb. 16.
Schwimmer, Oscar, Los Angeles, Calif. Thermostat control. 1,572,969; Feb. 16.
Scott, Lewis L., St. Louis, Mo. Refrigerating system. 1,573,198; Feb. 16.
Scranton, Henry O., Jeanerette, La. Truck. 1,573,329; Feb. 16.
Scruggs, Richard B., Willsburg, Ky. Tobacco harvester. 1,573,020; Feb. 16.
Sears, Claud A., assignor to Chero-Cola Company, Columbus, Ga. Bottle. Des. 69,462; Feb. 16.
Seligmann, Arthur, Bremen, Germany. Low-temperature cooling, liquefaction, and separation of not easily condensable gases. 1,573,752; Feb. 16.
Senseman, William B. (See Raymond, F. I., and Senseman.)
Sewell, Benjamin F. B., Chula, Va. Multiple-purpose quick-acting implement. 1,573,647; Feb. 16.
Sewell Cushion Wheel Company. (See Hammes, John H., assignor.)
Shand Engineering and Sales Company. (See Workman, Robert C., assignor.)
Sheely, Joseph H., St. Louis, Mo. Container. 1,573,648; Feb. 16.
Shell Company of California. (See Gignoux, J. R., and Swigart, assignors.)
Sherman, Jacob S., assignor to Universal Lamp Company, Chicago, Ill. Smoker's ash receiver. Des. 69,465; Feb. 16.
Shoenberger, Philip D., San Mateo, assignor to Western Pipe & Steel Company, San Francisco, Calif. Welding apparatus. 1,573,360; Feb. 16.
Shutz, John A., Richmond, Ind. Multiple spining machine. 1,573,454; Feb. 16.
Sibley, Edwin J., Woodhaven, N. Y. Friction adjuster for screened windows. 1,573,455; Feb. 16.
Sibley, Edwin J., Westbury, N. Y. Friction casement adjuster. 1,573,456; Feb. 16.
Siemens & Halske, Aktiengesellschaft. (See Gerdien, Hans, assignor.)

Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung. (See Rüdenberg, R., Trettin, and Köhler, assignors.)
Signer, Charles I., Olympia, Wash. Antiskid cable-end fastener. 1,573,650; Feb. 16.
Silveira, Isauro V., Fallon, Nev. Self-locking cover 1,573,279; Feb. 16.
Simmons, Oscar C., Dallas, Tex. Window-shade support. 1,573,361; Feb. 16.
Simonek, Rudolph, assignor of one-half to M. Pilnacek, New York, N. Y. Flying top. 1,573,527; Feb. 16.
Simpson, Bryant, Washington, D. C. Garment hanger. 1,573,649; Feb. 16.
Simpson, Fred E., Toronto, Ontario, Canada. Reenforced flooring construction. 1,573,280; Feb. 16.
Sinclair Refining Company. (See Bell, John E., assignor.)
Sinclair Refining Company. (See Isom, E. W., and Bell, assignors.)
Singer Manufacturing Company, The. (See Corrall, H., and Stevens, assignors.)
Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve for rock drills. 1,573,457; Feb. 16.
Sloan Valve Company. (See Russell, Irving H., assignor.)
Small, Fred F., and C. E. Nagel, Oakland, Calif. Multiple-speed planetary-gear transmission mechanism. 1,573,098; Feb. 16.
Smalley, Edwin L., Milwaukee, Wis., assignor to Electric Heating Apparatus Company, Newark, N. J. Electric furnace. Re16,269; Feb. 16.
Smith, Alfred H., Co. (See Vogler, John J., assignor.)
Smith, Arthur R., Schenectady, N. Y., assignor to General Electric Company. Power plant. 1,573,582; Feb. 16.
Smith, Charles H., Aurora, Ill., assignor of one-half to A. W. Mitchell, Janesville, Wis. Spring suspension for motor vehicles. 1,573,583; Feb. 16.
Smith, Clara D., Reading, Mass. Screen. 1,573,330; Feb. 16.
Smith, Earl B. (See Lewis, G. S., and Smith.)
Smith, Elda G. (See Bissell, C. H., and Smith.)
Smith, Ernest A., Barry, Iowa. Belt tool. 1,573,651; Feb. 16.
Smith, Fred. (See Steed, Charles, assignor.)
Smith, Howard F. (See Nixon, Jeddy D., assignor.)
Smith, Howard F., Houston, Tex. Pipe-rotating attachment for rotaries. 1,573,281; Feb. 16.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,572,904; Feb. 16.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,573,331; Feb. 16.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,573,424; Feb. 16.
Smith, Oberlin, Bridgeton, N. J. Automatic phonograph. 1,573,504; Feb. 16.
Smith, Oscar A., East Cleveland, and G. J. Leber, assignors to The National Acme Company, Cleveland, Ohio. Nut-tapping machine. 1,573,099; Feb. 16.
Smith, William A., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Cushion handle. 1,573,458; Feb. 16.
Smith, William J., assignor of one-half to W. R. Blair, Philadelphia, Pa. Oil-well pump. 1,573,584; Feb. 16.
Smythe, Francis and R., Akron, Iowa. Egg-handling machine. 1,573,332; Feb. 16.
Smythe, Ross. (See Smythe, Francis and R.)
Snyder, Earl S., Long Beach, Calif. Arch restorer. 1,573,652; Feb. 16.
Société Anonlyme de Commentry, Fourchambault & Decazeville. (See Girin, Pierre, assignor.)
Société Anonyme des Anciens Etablissements Hotchkiss et Compagnie. (See Sutter, Charles, assignor.)
Société Française des Produits Alimentaires Azotes. (See Kahn, Maurice, assignor.)
Sorensen, Marius M., Vallerod, assignor of one-half to E. F. H. Enna, Copenhagen, Denmark. Footwear. 1,573,528; Feb. 16.
Speeder Machinery Corporation. (See Baker, Walter, assignor.)
Spencer, Louis M. (See Blackmore, L., and Spencer.)
Sperry Gyroscope Company. (See Bates, Mortimer F., assignor.)
Sperry, Lawrence B., deceased, Farmingdale; The Bank of America, New York, and W. A. Sperry, Hempstead, N. Y., executors. Means for guiding aeroplanes on the ground. 1,573,100; Feb. 16.
Sperry, Winifred A., et al., executors. (See Sperry, Lawrence B.)
Spicer, Clarence W. (See Tarbox, G. L., and Spicer.)
Spickerman, Frank. (See Ritchie, Rush J., assignor.)
Springfield, Carl K. (See Cassell, W. C., and Springfield.)
Square D Company. (See Horton, Bryson D., assignor.)
Stabler, Robinson R., Baltimore, Md. Automobile lock. 1,573,459; Feb. 16.
Stalker, Frederick W., assignor to Taylor Instrument Companies, Rochester, N. Y. Fluid-pressure diaphragm. 1,572,970; Feb. 16.
Standard Development Company. (See Howard, F. A., and Tomkins, assignors.)
Standard Oil Company. (See Gates, Leroy G., assignor.)
Standlee, Harvey R., Tulsa, Okla. Swivel swab. 1,573,585; Feb. 16.
Starck, William F., San Francisco, Calif. Shoe rack. 1,573,460; Feb. 16.
Stebbins, Timothy J., assignor to Red Jacket Manufacturing Company, Davenport, Iowa. Water conductor. 1,573,199; Feb. 16.
Steckol, Harry, Houston, Tex. Sign suspension. 1,573,101; Feb. 16.
Steed, Charles, assignor of one-half to F. Smith, Los Angeles, Calif. Making artificial stone. 1,573,425; Feb. 16.
Stein Fur Dyeing Co., Inc. (See Stein, H., Austin, and Liebowitz, assignors.)
Stein, Hyman, Arverne, W. E. Austin, New York, and I. Liebowitz, Brooklyn, assignors to Stein Fur Dyeing Co., Inc., New York, N. Y. Bleaching and dyeing furs and the like. 1,573,200; Feb. 16.
Steiner, Julius, West New York, assignor of one-half to R. Dalla Rovere, Woodcliff, N. J. Producing bags or the like. 1,573,201; Feb. 16.
Stenwick, Albert O., Red Wing, Minn. Sewer trap and pipe cleaning device. 1,573,202; Feb. 16.
Stewart, John H., Rutherford, N. J. Self-locking door bolt. 1,573,653; Feb. 16.
Stewart, Otho V., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Impregnating wood. 1,572,905; Feb. 16.
Stewart-Warner Speedometer Corporation. (See Olsen, John K., assignor.)
Stevens, Arthur, Buffalo, N. Y. Separating butyl alcohol and water. Re16,267; Feb. 16.
Stevens, Bertram A. (See Corrall, H., and Stevens.)
Stevens, L. H. (See Fritts, Francis M., assignor.)
Stevenson, William T. (See Potter, Justus, assignor.)
Stimpson, Wallace I., and H. A. Davis, assignors to Draper Corporation, Hopedale, Mass. Automatically filling replenishing shuttle for looms. 1,573,753; Feb. 16.
Stock, Augusta M. and R., Cleveland, Ohio. Interlocking nut and bolt. 1,573,426; Feb. 16.
Stock, Robert. (See Stock, Augusta M. and R.)
Stockstrom, Arthur, assignor to The American Stove Company, St. Louis, Mo. Hydrocarbon burner. 1,573,654; Feb. 16.
Stoller, Hugh M., Mountain Lakes, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Dynamoelectric machine. 1,573,333; Feb. 16.
Stone, Elmer D., Framingham, Mass. Last. 1,573,461; Feb. 16.
Stone, Jacob M., Breckenridge, Tex. Steering gear. 1,573,586; Feb. 16.
Stone, John S., San Diego, Calif., assignor to American Telephone and Telegraph Company. Thermionic modulator. 1,573,282; Feb. 16.
Stone, Melvin L., Lawrence, assignor to Draper Corporation, Hopedale, Mass. Shuttle feeler mechanism for looms. 1,573,505; Feb. 16.
Storm, James A. (See Fisher, A. E., and Storm.)
Stout, Harry H., Douglas, Ariz. Utilization of waste heat of furnace gases. 1,573,427; Feb. 16.
Stovall, Columbus D., Lexington, Ky. Child's toy and exerciser. 1,573,362; Feb. 16.
Strawn, Orval R., Columbus, Ohio. Traffic signal. 1,573,363; Feb. 16.
Strohacker, Louis, assignor to Structo Manufacturing Company, Freeport, Ill. Grab-bucket-crane toy. 1,573,203; Feb. 16.
Strongson, Herman L., Brooklyn, assignor of one-half to B. D. Colen, New York, N. Y. Electric-light-globe socket. 1,572,906; Feb. 16.
Structo Manufacturing Company. (See Strohacker, Louis, assignor.)
Superheater Company, The. (See Hard, Malcolm, assignor.)
Superior Tool Company. (See Rees, Frank W., assignor.)
Sutter, Charles, Suresnes, assignor to Societe Anonyme des Anciens Etablissements Hotchkiss et Compagnie, St. Denis, France. Firing regulator for automatic firearms. 1,573,655; Feb. 16.
Sutter, Robert L., Falls City, Nebr. Mud-chain-applying mechanism. 1,573,283; Feb. 16.
Swaim, Charles S., Long Beach, Calif. Relief valve for deep wells. 1,573,021; Feb. 16.
Swalwell, Herbert G., et al. (See Mulligan, Paul C., assignor.)
Swigart, Theodore E. (See Gignoux, J. R., and Swigart.)
Syers, Paul R., Indianapolis, Ind. Laundry truck. 1,572,971; Feb. 16.
Symington Company, The. (See Barrows, Donald S., assignor.)
Symington Company, The. (See Kadel, Byers W., assignor.)
Tabb, Warner T., assignor to Duplex Engine Governor Company, Inc., Brooklyn, N. Y. Speed regulator. 1,572,972; Feb. 16.
Tait, Charles, Vancouver, British Columbia, Canada. Hat hanger. 1,572,973; Feb. 16.
Tangerman, William J., Hammond, Ind. Plate-fabricating machine. 1,573,102; Feb. 16.
Tanner, Daniel R., La Grande, Oreg. Arresting a sawmill carriage. 1,573,428; Feb. 16.
Tanner, Inos B., assignor to Joseph E. Nelson & Sons, Chicago, Ill. Liquid-treating apparatus. 1,573,204; Feb. 16.

Tarbox, Gurdon L., North Plainfield, and C. W. Spicer, Plainfield, N. J. Universal joint. 1,573,587; Feb. 16.
Tate, John C., Oakland, Calif. Composition for absorbing and purifying the waste products of combustion. 1,573,284; Feb. 16.
Tavannes Watch Co., S. A. (See Sandoz, Henri, assignor.)
Taylor, Frederick L., and C. E. Lundberg, Spokane, Wash. Writing machine. 1,573,205; Feb. 16.
Taylor Instrument Companies. (See Stalker, Frederick W., assignor.)
Taylor, William B., Carbonear, Newfoundland, assignor of one-fourth to F. P. Pike and one-fourth to A. E. Penney. Twisting device. 1,572,907; Feb. 16.
Terhune, Royal E., Clifton, N. J. Air filter. 1,573,656; Feb. 16.
Terry, Donald M., New York, N. Y., assignor, by mesne assignments, to Western Electric Company, Incorporated. Picture-transmission system. 1,573,529; Feb. 16.
Texas Carbon Industries, Inc. (See Cassell, W. C., and Springfield, assignors.)
Textiles Development Corporation. (See Manley, Fred B., assignor.)
Thatcher, Charles A., Portland, Oreg. Battery cover. 1,573,462; Feb. 16.
Theriot, Ernest R., et al. (See Morse, Irving H., assignor.)
Thiel, Emil E., assignor to The Printing Machinery Company, Cincinnati, Ohio. Printing-plate holder. 1,573,429; Feb. 16.
Thiel, Emil E., assignor to The Printing Machinery Company, Cincinnati, Ohio. Printing-plate holder. 1,573,430; Feb. 16.
Thiel, Emil E., assignor to The Printing Machinery Company, Cincinnati, Ohio. Printing-plate holder. 1,573,431; Feb. 16.
Thirlby, Thomas F. (See Iles, Charles E., assignors.)
Thomas, Antony, assignor of one-half to S. Gorgolis, Philadelphia, Pa. Atomizer. 1,573,334; Feb. 16.
Thomas, Ivor D. (See Douglas, P. H., and Thomas.)
Thomas, Jesse M., Pine Lawn, assignor of one-third to W. D. Gruelle, St. Louis, Mo. Piston and piston ring. 1,573,285; Feb. 16.
Thomas, Oscar A., Oxnard, Calif. Beet puller. 1,573,657; Feb. 16.
Thompson, Emery, New Rochelle, N. Y. Mixing and ejecting mechanism. 1,573,658; Feb. 16.
Thompson, Henry G., Cleveland, Ohio. Pressed-metal hook and making the same. 1,573,206; Feb. 16.
Thompson, Henry L., Philadelphia, Pa. Engine-hood-vent cover. 1,573,659; Feb. 16.
Thompson, Thomas E., Chicago, Ill. Automobile signaling device. 1,573,660; Feb. 16.
Thurber, Edward J., assignor to Thurber, Perkins and Cook, Incorporated, New Orleans, La. Fastening means for curtains. 1,573,776; Feb. 16.
Thurber, Perkins and Cook, Incorporated. (See Thurber, Edward J., assignor.)
Thurston, Ernest B., assignor to The Haughton Elevator & Machine Co., Toledo, Ohio. Elevator motor controller. 1,573,207; Feb. 16.
Tinker, John M. (See Gubelmann, L., and Tinker.)
Tinkham, Eugene L., assignor to Draper Corporation, Hopedale, Mass. Center brace for drag rolls of looms. 1,573,777; Feb. 16.
Tippett, Charles C., Luckey, Ohio. Pit bucket. 1,573,463; Feb. 16.
Todd, Victor H., Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company. Graphic meter. 1,572,908; Feb. 16.
Tomkins, Douglass G. (See Howard, F. A., and Tomkins.)
Tomlinson, Frederick, Salford, England. Coupling for metal tubes. 1,573,103; Feb. 16.
Toothaker, Fred E., Swampscott, Mass., assignor to United States Shoe Machinery Corporation, Paterson, N. J. Shoemaking. 1,573,104; Feb. 16.
Topping, Henry, Ashley, Ill. Screw-driver attachment. 1,573,464; Feb. 16.
Torda, Lajos, Budapest, Hungary. Arrangement for the compensating windings of commutator motors with salient poles. 1,573,335; Feb. 16.
Trettin, Carl. (See Rüdenberg, R., Trettin, and Köhler.)
Trischler, Harry, assignor to The Crooksville China Company, Crooksville, Ohio. Plate or similar article. Des. 69,466; Feb. 16.
Trischler, Harry, assignor to The Crooksville China Company, Crooksville, Ohio. Teapot or similar article. Des. 69,467; Feb. 16.
Trojan Powder Company. (See Bronstein, Jesse B., assignor.)
Trumbull, George R., Bantam, Conn. Renewable fuse. 1,573,432; Feb. 16.
Tulip Container Corporation. (See Reifsnyder, James D., assignor.)
Tuner, Axel J., Gottenborg, Sweden. Music leaf turner. 1,572,974; Feb. 16.
Turner, Albert. (See Heald, J. N., Turner, and Kimmel.)
Turner, James T., Atlanta, Ga. Machine for making ice-cream cones. 1,573,588; Feb. 16.
Tuthill, Roy E., Bridgeport, Conn. Wax-form compressor for indirect inlay system. 1,573,433; Feb. 16.
Underwood Typewriter Company. (See Lindburg, Joseph, assignor.)
Underwood Typewriter Company. (See Smith, Jesse A. B., assignor.)
Union Carbide and Carbon Research Laboratories, Inc. (See Fuller, Henry C., assignor.)
Union Hardware Company. (See Hoerle, William F., assignor.)
Union Metal Porducts Company. (See Gilpin, Garth G., assignor.)
Union Tool Company. (See Zerbe, Lewis E., assignor.)
United Shoe Machinery Corporation. (See Durrance, Thomas, assignor.)
United Shoe Machinery Corporation. (See MacKenzie, Fred L., assignor.)
United Shoe Machinery Corporation. (See Reed, James H., assignor.)
United Shoe Machinery Corporation. (See Ricks, Fred, assignor.)
United Shoe Machinery Corporation. (See Toothaker, Fred E., assignor.)
United States Cast Iron Pipe & Foundry Company. (See Regars, Ridgeway, assignor.)
United States of America. (See Bateman, Ernest, assignor.)
United States Tent & Awning Company. (See Leffert, Charles B., assignor.)
United Steel & Wire Company. (See Macomber, Lynn W., assignor.)
Universal Ironing Machine Company. (See Riesenweber, Charles, assignor.)
Universal Lamp Company. (See Sherman, Jacob S., assignor.)
Valentini, Umberto, Rome, Italy, assignor to L. Lombardi. Building heating device. 1,573,364; Feb. 16.
Van Anden, Frank, Miami, Fla. Block-molding device. 1,573,336; Feb. 16.
Vanadium Corporation of America. (See Saklatwalla, B. D., and Anderson, assignors.)
Vanderveld, Anthony, Grand Rapids, Mich. Return-speed check for measuring machines. 1,573,589; Feb. 16.
Van Dorn Iron Works Company, The. (See Barker, Percy E., assignor.)
Van Meter, James W., San Rafael, Calif. Heating metal, glass, or other material to render the same workable. 1,572,975; Feb. 16.
Van Meter, James W., San Rafael, Calif. Tempering metals and other materials. 1,573,784; Feb. 16.
Van Voorhis, Cletus C. (See Marden, J. W., and Clinton.)
Van Voorhis, Cletus C. (See Marden, J. W., and Van Voorhis.)
Van Voorhis, Cletus C., Wilkinsburg, Pa., assignor to Westinghouse Lamp Company. X-ray tubes. 1,573,105; Feb. 16
Variety Fire Door Company. (See Gervais, W. B., and Wilmot, assignors.)
Varely, Thomas W., New York, N. Y. Electric pyrometer. Re16,270; Feb. 16.
Vennes, Harald J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical bridge. 1,573,337; Feb. 16.
Viscoloid Company, The. (See Person, Earl R., assignor.)
Viscose Company, The. (See Griffin, Frank H., assignor.)
Vogler, John J., Douglaston, assignor to Alfred H. Smith Co., Inc., New York, N. Y. Perfume bottle. Des. 69,468; Feb. 16.
Vom Feld, Richard. (See Meijer, M. A., and Vom Feld.)
Von Holmingen-Huene, Franz F., Schloss Thorn, near Taizern, Germany. Construction of sailing craft. 1,572,976; Feb. 16.
Von Nostitz, Erich, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 1,572,977; Feb. 16.
Von Porten, Udo, St. Louis, Mo. Artificial fuel. 1,572,909; Feb. 16.
Von Waldy, Julius, New York, N. Y. Aeroplane hull. 1,573,465; Feb. 16.
Vortex Mfg. Co. (See Barbieri, Cesare, assignor.)
Walbridge, Burnise A., and C. E., Iblen, Minn. Pet-cock-operating device for automobiles. 1,573,661; Feb. 16.
Walbridge, Charles E. (See Walbridge, Burnise A. and C. E.)
Wald, David, Brooklyn, N. Y. Telephone receiver. 1,573,754; Feb. 16.
Wall, Edward J., Wallaston, and D. F. Comstock, assignors to Kalmus, Comstock & Wescott, Boston, Mass. Dye composition. 1,573,595; Feb. 16.
Wall, Edward J., Wollaston, and D. F. Comstock, assignors to Kalmus, Comstock & Wescott, Boston, Mass. Treating photographic emulsion and color-sensitizing composition. 1,573,596; Feb. 16.
Wallace & Warner. (See Warner, Fred G., assignor.)
Wallace, James G., assignor of one-half to A. R. Keckler, Baltimore, Md. Water-tight container. 1,573,590; Feb. 16.
Ward, May E. P., Tulsa, Okla. Storage case. 1,573,466; Feb. 16.
Warga, Robert V., St. Louis, Mo. Window lock. 1,573,662; Feb. 16.
Warner, Clarence, assignor to Delco-Light Company, Dayton, Ohio. Pumping apparatus. 1,573,106; Feb. 16.
Warner, Fred G., Narberth, Pa., assignor to Wallace & Warner, Philadelphia, Pa. Signboard. Des. 69,469; Feb. 16.
Warren, John J., Brownville, N. Y. Method and apparatus for making color-blended wall paper. 1,573,208; Feb. 16.

Warren, William, assignor of one-half to B. Richards, one-fourth to W. Warren, and one-fourth to C. Cohen, Newport, R. I. Pocket license container or holder. 1,573,663; Feb. 16.
Warren, William, et al. (See Warren, William, assignor.)
Warth, Christian C., Spokane, Wash. Collapsible-tube closure. 1,573,338; Feb. 16.
Watson, Harry W., Memphis, Tenn. Tool-operating attachment for planers or shapers. 1,572,978; Feb. 16.
Watts, Edward J., assignor to The Foxboro Company, Foxboro, Mass. Pen for recording gauges. 1,573,339; Feb. 16.
Weaver, William A., Philadelphia, Pa. Bed bottom for hospital bedsteads. 1,573,530; Feb. 16.
Webster, Arvin C., Detroit, Mich. Screw-threaded attaching device. 1,573,531; Feb. 16.
Wehr, Rudolph, Los Angeles, Calif. Rotary valve. 1,573,022; Feb. 16.
Weitman, Samuel A., Kahlotus, Wash. Grain-treating machine. 1,573,340; Feb. 16.
Wellman, Frank E., assignor to The Kansas City Gasoline Company, Kansas City, Kans. Heating fluids. 1,573,591; Feb. 16.
Wellman-Seaver-Morgan Company. (See Douglas, P. H., and Thomas, assignors.)
West End Chemical Company. (See Lowry, Morris V., assignor.)
Westbo, Bernhard W. and P. N. Bisson, South Prairie, assignors to Railway Safety Brake Lock Corporation, Tacoma, Wash. Air-brake lock. 1,573,597; Feb. 16.
Western Electric Company. (See Adams, Arthur H., assignor.)
Western Electric Company. (See Arnold, H. D., and Minton, assignors.)
Western Electric Company. (See Colpitts, Edwin H., assignor.)
Western Electric Company. (See Dowey, Thomas L., assignor.)
Western Electric Company. (See Green, Charles W., assignor.)
Western Electric Company. (See Griffin, James T., assignor.)
Western Electric Company. (See Houskeeper, William G., assignor.)
Western Electric Company. (See Johnson, E. D., and Green, assignors.)
Western Electric Company. (See MacDougall, H. W., and Bertels, assignors.)
Western Electric Company. (See MacDougall, Harry W., assignor.)
Western Electric Company. (See Nichols, Harold W., assignor.)
Western Electric Company. (See Stoller, Hugh M., assignor.)
Western Electric Company. (See Terry, Donald M., assignor.)
Western Electric Company. (See Vennes, Harald, J., assignor.)
Western Industries Company. (See Crowell, Russell B., assignor.)
Western Pipe & Steel Company. (See Shoenberger, Philip D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Aalborg, Christian, assignor.)
Westinghouse Electric & Manufacturing Company. (See Alben, Frank L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Allcutt, Chester T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Batsel, Max C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baxter, Harold G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Blackwell, William T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brace, Porter H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Breisch, Edgar W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Colby, Ora A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Garceion, George H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hellmund, Rudolf E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Himes, Walter H., assignor.)
Westinghouse Electric and Manufacturing Company. (See Kasley, Alexander T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kemp, Robert, assignor.)
Westinghouse Electric & Manufacturing Company. (See Kempton, Williard H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Krantz, Hubert K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Legg, Joseph W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Little, George M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Marbury, Ralph E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Owens, C. C., and Hermann, assignors.)
Westinghouse Electric & Manufacturing Company. (See Pierce, Raymond T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schaake, William, assignor.)
Westinghouse Electric & Manufacturing Company. (See Stewart, Otho V., assignor.)
Westinghouse Electric & Manufacturing Company. (See Todd, Victor H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wilson, Arthur L., assignor.)
Westinghouse Lamp Company. (See Marden, J. W., and Van Voorhis, assignors.)
Westinghouse Lamp Company. (See Madden, Harry D., assignor.)
Westinghouse Lamp Company. (See Van Voorhis, Cletus C., assignor.)
Wetherill, Richard W., Philadelphia, Pa. Storage and reclaiming system. 1,573,664; Feb. 16.
Wheeler, John L., assignor to The Measuregraph Company, St. Louis, Mo. Governor for measuring and cost-computing machines. 1,573,200; Feb. 16.
Whidden, Austin C., Los Angeles, Calif. Variable fluid-controlling device. 1,573,210; Feb. 16.
White, D'Orsay M., Detroit, Mich. Manifold construction. 1,573,211; Feb. 16.
Whiting Corporation. (See Benton, Horner W., assignor.)
Whitley, William P., St. Louis, Mo., and R. C. Zuppke, Champaign, Ill., assignors to Rawlings Manufacturing Company, St. Louis, Mo. Football trousers. 1,573,212; Feb. 16.
Whitney, Karl H., Kirksville, Mo. Supporting bracket for window hangings. 1,573,286; Feb. 16.
Whybrew, Ernst A., Collingwood, Ontario, Canada. Coupling. 1,572,979; Feb. 16.
Whyte, Frederic M., Tarrytown, N. Y. Coupler lock-releasing device. 1,573,434; Feb. 16.
Wicker, John, and J. E. McGough, Sprague, Wash. Weed gatherer for plows. 1,573,592; Feb. 16.
Wiehle, Edward W., assignor to Birtman Electric Company, Chicago, Ill. Handle for vacuum cleaners and the like. 1,573,467; Feb. 16.
Wiese, Otto C., assignor to S. Fromm, Brooklyn, N. Y. Cloth. 1,573,788; Feb. 16.
Wieser, Frank E., assignor of one-half to R. R. Palmer, San Luis Obispo, Calif. Composition for treating brake linings. 1,573,468; Feb. 16.
Wigginton, George P., assignor to Kalamazoo Loose Leaf Binder Co., Kalamazoo, Mich. Desk. 1,573,665; Feb. 16.
Wilcox, Lewis T. (See Homan, William C., assignor.)
Wilkins, Albert A., Middleton, Mass. Electric bulb. 1,573,593; Feb. 16.
Wilkins, Charles H. L., Crows Nest, near Sydney, New South Wales, Australia. Can-side-seams-soldering machine. 1,573,107; Feb. 16.
Williams, J. B., Company, The. (See Hurst, George S., assignor.)
Williams, John M., jr., and R. F. Fischer, Dayton, Ohio. Distant-operated valve. 1,573,287; Feb. 16.
Williamsburg Wood Heel Company. (See Hauck, Andrew C., assignor.)
Willis, Richard. (See Manning, Sim, assignor.)
Williston, Belvin T., Somerville, Mass., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Stop valve. 1,573,108; Feb. 16.
Willys-Overland Company, The. (See McKinley, Charles W., assignor.)
Wilmot, John C. (See Gervais, W. R., and Wilmot.)
Wilson, Albert W., San Francisco, Calif. Trolling gear. 1,573,288; Feb. 16.
Wilson, Arthur L., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thermionic device. 1,572,910; Feb. 16.
Wilson, Ezekiel J., East Greenbush, and E. A. Rees, Albany, assignors to F. C. Huyck & Sons, Rensselaer, N. Y. Regulating the operation of paper-making machines. 1,573,469; Feb. 16.
Wilson, Frederick D., and L. S. Burns, Harvey, Ill., assignors, by mesne assignments, to Wilson Tractor Manufacturing Company, Ottumwa, Iowa. Transmission device. Re16,286; Feb. 16.
Wilson, George W., Reading, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Door-closing mechanism for dry-cleaning washing machines. 1,573,666; Feb. 16.
Wilson, Otto E., Peru, Ind. Wheel. 1,573,667; Feb. 16.
Wilson Tractor Manufacturing Company. (See Wilson, F. D., and Burns, assignors.)
Wilson, Wylie G., Jersey City, N. J. Boiler blow-off apparatus. 1,572,911; Feb. 16.
Window Glass Machine Company. (See Bishop, Frederic L., assignor.)
Winkenbach, Konrad, Newark, N. J. Graining tool. 1,573,594; Feb. 16.
Withers, W. A., Shoe Company. (See Withers, William A., assignor.)
Withers, William A., assignor to W. A. Withers Shoe Company, Elizabethtown, Pa. Manufacturing shoes. 1,573,289; Feb. 16.
Wolf, George S., West Dover, Ohio. Combined crank-case drain valve and oil gauge. 1,573,213; Feb. 16.
Wood, Harley C., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Truck. 1,573,365; Feb. 16.

Wood, Moses L., Washington, D. C. Percolator coffeepot. 1,573,668; Feb. 16.
Woodman, R., Mfg. & Supply Co. (See Costa, Anthony L., assignor.)
Workman, Robert C., Camden, assignor of one-half to Shand Engineering and Sales Company, Columbia, S. C. Tongue-supporting gear for draft animals. 1,573,755; Feb. 16.
Worrick, Walter. (See Fields, C. M., and Worrick.)
Wright, Wilbur L., assignor to Oswego Falls Corporation, Fulton, N. Y. Paper container. 1,573,598; Feb. 16.
Wright, William L., Kansas City, Mo., assignor of one-half to W. W. Eakman, Missouri Valley, Iowa. Window screen. 1,573,756; Feb. 16.
Wrighton, William J., assignor to American Optical Company, Southbridge, Mass. Producing ophthalmic mountings. 1,573,023; Feb. 16.
Wuest, Louis. (See Schultz, K. P. A., and Wuest.)
Wyckoff, Andrew D., Oak Park, Ill. Lubricating waste. 1,573,214; Feb. 16.
Yale & Towne Manufacturing Company, The. (See Parent, William E., assignor.)
Yankoff, Peter D., Fort Smith, Ark. Sadiron. 1,573,470; Feb. 16.
Yanovich, John, and J. Hrusecky, Zelienople, Pa. Safety fender for motor vehicles. 1,573,471; Feb. 16.
Yaxley, Ernest E., Chicago, Ill. Connecting plug. 1,573,435; Feb. 16.
Yorke, Patrick, Washington, Pa. Derrick. 1,573,215; Feb. 16.
Young, Charles M., New Britain, Conn. Emergency link. 1,572,980; Feb. 16.
Zander, Albert, Chicago, Ill. Burner. 1,573,472; Feb. 16.
Zerbe, Lewis E., Monte, assignor to Union Tool Company, Torrance, Calif. Pulley support for crown blocks. 1,573,216; Feb. 16.
Zetwo, Joseph R., jr., Pittsburgh, Pa. Friction clutch. 1,573,217; Feb. 16.
Zottel, Herman J., Milwaukee, Wis. Stability and steering device for aircraft. 1,573,109; Feb. 16.
Zucco, Pierre, San Francisco, Calif. Dam construction. 1,573,366; Feb. 16.
Zuppke, Robert C. (See Whitley, W. P., and Zuppke.)

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 16TH DAY OF FEBRUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Abrasive article and making the same. M. L. Hartmann. 1,573,061; Feb. 16.
Abrasive articles, Making. M. L. Hartmann. 1,573,400; Feb. 16.
Acids, Preparing 1,8-aminonaphthol sulphonic. I. Gubelmann and J. M. Tinker. 1,573,056; Feb. 16.
Aeronauts, Safety parachute for. L. C. Degen. 1,572,889; Feb. 16.
Aeroplane hull. J. Von Waldy. 1,573,465; Feb. 16.
Aeroplanes on the ground, Guiding. L. B. Sperry. 1,573,100; Feb. 16.
Agglomerating machine. P. A. I. Cuveller. 1,573,680; Feb. 16.
Agricultural implement. R. L. Diamond. 1,573,044; Feb. 16.
Air and gas, Apparatus for proportionately mixing. G. W. McKee. 1,573,079; Feb. 16.
Air-brake lock. B. W. Westbo and P. N. Bisson. 1,573,597; Feb. 16.
Air-brake system, Clean-out attachment for the retention pipe and retention valve of an. M. Ledesma and A. Acosta. 1,573,349; Feb. 16.
Air-cooling system. J. H. Hunt. 1,573,641; Feb. 16.
Aircraft, Reenforced bracing member for. B. C. Boulton. 1,573,294; Feb. 16.
Aircraft, Stability and steering device for. H. J. Zottel. 1,573,109; Feb. 16.
Aircraft, Vertical finder for. C. L. Paulus, R. Kauch, and H. B. Inglis. 1,573,269; Feb. 16.
Air filter. R. E. Terhune. 1,573,656; Feb. 16.
Air moistener. C. E. Edwards. 1,573,690; Feb. 16.
Air or gas current regulator. L. Kujawa and O. Kook. 1,573,253; Feb. 16.
Airships against fire, Protection of. F. L. M. Boothby. 1,573,762; Feb. 16.
Alarm systems, Time switch for. P. A. Friel. 1,573,152; Feb. 16.
Albumins and fatty matters, Manufacture of certain. M. Kahn. 1,572,933; Feb. 16.
Alcohol and water, Separating butyl. A. Stevens. Re16,267; Feb. 16.
Alcohol, Denatured. H. C. Fuller. 1,573,697–8; Feb. 16.
Alloy. P. Girin. 1,572,996; Feb. 16.
Amusement device. N. L. Rogers. 1,573,645; Feb. 16.
Animal trap. J. Ney. 1,573,185; Feb. 16.
Antiglare shield. G. E. Phillips. 1,573,272; Feb. 16.
Antiskid device. H. Neumann. 1,573,736; Feb. 16.
Antislipping means. F. G. Broman. 1,573,779; Feb. 16.
Applicator. E. R. Hamilton. 1,573,514; Feb. 16.
Arch restorer. E. S. Snyder. 1,573,652; Feb. 16.
Arsenic, Manufacturing colloidal compounds of. A. Chwala. 1,573,375; Feb. 16.
Article of manufacture. I. Naylor. 1,573,734; Feb. 16.
Ash receiver. G. E. Crawford. 1,573,678; Feb. 16.
Ash receiver, Smoker's. J. S. Sherman. Des. 69,465; Feb. 16.
Atomizer. A. Thomas. 1,573,334; Feb. 16.
Auditorium wall and the like. E. Berliner. 1,573,475; Feb. 16.
Auger bit. W. H. Gowdridge. 1,573,701; Feb. 16.
Automobile accessory. E. M. Rosenbluth. 1,573,578; Feb. 16.
Automobile carburetor adjuster. G. H. Repkow and J. T. Bundo. 1,573,123; Feb. 16.
Automobile lock. R. R. Stabler. 1,573,459; Feb. 16.
Automobile signal. J. M. Osgian. 1,573,501; Feb. 16.
Automobile signaling device. T. E. Thompson. 1,573,660; Feb. 16.
Automobiles, Pet-cock-operating device for. B. A. and C. E. Walbridge. 1,573,661; Feb. 16.
Automobiles, Radiator and lamp fender for. R. R. McGregor. 1,572,942; Feb. 16.
Azo dy-stuffs, Manufacture of. F. Günther. 1,573,605; Feb. 16.
Bag: *See*—
  Collapsible bag.
Bags or the like, Producing. J. Steiner. 1,573,201; Feb. 16.
Bale fastening, Temporary. A. S. Mackenzie. 1,573,557; Feb. 16.
Balls, Manufacture of golf. A. E. Penfold. 1,573,271; Feb. 16.
Bar: *See*—
  Splice bar.
  Type bar.

Barrel, Collapsible. J. A. Kaye. 1,573,071; Feb. 16.
Baseball game apparatus. A. Matha. 1,573,182; Feb. 16.
Basket or receptacle, Wire. L. W. Macomber. 1,573,558.
Bather's article. R. E. Gilliland. 1,573,239; Feb. 16.
Battery: *See*—
  Storage battery.
Battery cover. C. A. Thatcher. 1,573,462; Feb. 16.
Battery separator, Storage. R. C. Benner. 1,573,369; Feb. 16.
Battery terminal-post clamp, Storage. M. Brown. 1,573,298; Feb. 16.
Bearing scraping and burnishing tool. A. M. Rutter and C. R. Benson. 1,573,019; Feb. 16.
Bearing, Shimless. A. M. Allen. 1,573,110; Feb. 16.
Bedstead, Bed bottom for hospital. W. A. Weaver. 1,573,530; Feb. 16.
Beet puller. O. A. Thomas. 1,573,657; Feb. 16.
Belt tool. E. A. Smith. 1,573,651; Feb. 16.
Beveling machine. W. J. Knoll. 1,573,554; Feb. 16.
Bier. B. M. Griffith. 1,573,398; Feb. 16.
Binder-control linkage, Column-. D. C. Klausmeyer. 1,573,552; Feb. 16.
Bit: *See*—
  Auger bit.
Bituminous distributors, Discharge mechanism for. A. Fricker. 1,572,915; Feb. 16.
Block: *See*—
  Pulley block.
Block-molding device. F. Van Anden. 1,573,336; Feb. 16.
Board: *See*—
  Directory board.
  Ironing board.
Boiler: *See*—
  Locomotive boiler.
Boiler. J. B. Schlosser. 1,573,097; Feb. 16.
Boiler blow-off apparatus. W. G. Wilson. 1,572,911; Feb. 16.
Boiler wall. G. M. Parker. 1,573,188; Feb. 16.
Boilers, Safety appliance for steam. W. C. Hackman. 1,573,488; Feb. 16.
Bolt: *See*—
  Door bolt.
Bolt shield, Socket for expansion-. A. S. Fishel. 1,573,151; Feb. 16.
Bomb sight, Stabilized. M. F. Bates. 1,573,028; Feb. 16.
Borax and sodium bicarbonate from lake brines, Producing. M. V. Lowry. 1,573,259; Feb. 16.
Bottle. C. A. Sears. Des. 69,462; Feb. 16.
Bottle, Perfume. J. J. Vogler. Des. 69,468; Feb. 16.
Bottles and the like, Cap for. J. W. Drewitz. 1,573,147; Feb. 16.
Bowling machine. J. F. Proch. 1,573,643; Feb. 16.
Box: *See*—
  Display box.
  Powder box.
  Stop box.
  Switch box.
Box-spring structure. B. B. Englander. 1,573,047; Feb. 16.
Boxes, Lid fastener for. C. H. Ross. 1,573,579; Feb. 16.
Bracket: *See*—
  Bumper bracket.
Bracket. H. T. Holland. 1,573,246; Feb. 16.
Braiding machine, Single-thread lace-. C. Birkenhauer. 1,573,625; Feb. 16.
Brake device. E. Morris. 1,573,322; Feb. 16.
Brake linings, Composition for treating. F. E. Wieser. 1,573,468; Feb. 16.
Brake-operating connection. J. L. Price. 1,573,275; Feb. 16.
Brake shoe, Driver. F. L. Alben. 1,572,872; Feb. 16.
Brake system. C. Froesch. 1,572,890; Feb. 16.
Briquetting. P. C. Mulligan. 1,573,565; Feb. 16.
Brush. S. T. and B. T. Attarian. 1,573,758; Feb. 16.
Brush and securing attachments thereto, Conductive. A. F. Herman and H. S. Ellson. 1,573,402; Feb. 16.
Brush, Shaving. E. L. Corbett. 1,572,885; Feb. 16.
Bucket, Pit. C. C. Tippett. 1,573,463; Feb. 16.
Building construction. R. Dale. 1,572,887; Feb. 16.
Building-heating device. U. Valentini. 1,573,364; Feb. 16.
Building material. J. P. Beardall. 1,573,029; Feb. 16.
Bumper. C. Brignolo, T. Amari, and G. Brignolo. 1,573,672; Feb. 16.
Bumper. W. F. Obme and L. H. Felker. 1,573,326; Feb. 16.
Bumper bracket. R. B. Fageol. 1,573,381; Feb. 16.

Bumpers, Fastener for supporting arms for. A. W. Nordgren. 1,573,774; Feb. 16.
Burner: *See*—
  Hydrocarbon burner.
  Liquid-fuel burner.
Burner. A. Zander. 1,573,472; Feb. 16.
Button, Cuff. J. F. Byron. 1,573,477; Feb. 16.
Cabinet, Multiple metal. J. Lachaine. 1,573,254; Feb. 16.
Cabinet, Vapor-bath. R. A. Pedroes. 1,573,016; Feb. 16.
Cable-end fastener, Antiskid. C. I. Signer. 1,573,650; Feb. 16.
Calcium cyanide and product thereof, Making. F. J. Metzger. 1,573,732; Feb. 16.
Calcium hypochlorite compounds, Drying. G. Pistor. 1,572,952; Feb. 16.
Caliper. P. C. Labasse. 1,573,347; Feb. 16.
Camera, Enlarging. E. Goldberg and M. Nowicki. 1,573,314; Feb. 16.
Camera, Photographic. H. Heine. 1,573,401; Feb. 16.
Camera, Universal art. M. S. Mastrukoff. 1,572,899; Feb. 16.
Candle plate. H. Abrams. Des. 69,430; Feb. 16.
Canopy holder. H. E. Ruttle. 1,573,580; Feb. 16.
Car couplers, Uncoupling device for. G. G. Gilpin. 1,573,054; Feb. 16.
Carbon black, Process and apparatus for bolting. W. C. Cassell and C. K. Springfield. 1,573,373; Feb. 16.
Carbonate of magnesium, Making heavy basic. B. B. Grunwald. 1,573,603–4; Feb. 16.
Carburetor. P. A. Dumraese. 1,573,689; Feb. 16.
Carburetor. W. C. Hess. 1,573,065; Feb. 16.
Carburetor. W. Schmid. 1,572,967–8; Feb. 16.
Card, Place. S. Rosenstein. 1,573,748; Feb. 16.
Carpets and the like, Fastener for stair. C. E. Johnson. 1,572,931; Feb. 16.
Carrier-wave transmission. E. H. Colpitts. 1,573,303; Feb. 16.
Carton-spot dewaxer. F. A. Beisel. 1,572,879; Feb. 16.
Case: *See*—
  Filing case.
  Self-closing case.
  Storage case.
Casement adjuster, Friction. E. J. Sibley. 1,573,456; Feb. 16.
Casing-pulling device. W. A. Barrier. 1,572,983; Feb. 16.
Casting-handling machine. A. G. J. Rapp. 1,573,421; Feb. 16.
Casting machine. A. Kaufmann. 1,573,518; Feb. 16.
Casting machines, Mold construction for centrifugal. J. Rice. 1,573,089; Feb. 16.
Cement and concrete, Refractory. P. J. F. Kestner. 1,573,072; Feb. 16.
Cementing two parts together. J. T. Griffin. 1,573,315; Feb. 16.
Cementitious products, Impregnating. C. R. Nichols. 1,573,568; Feb. 16.
Centrifugal separation. J. M. Nicol. 1,573,499; Feb. 16.
Centrifugal separator. J. M. Nicol. 1,573,498; Feb. 16.
Chain. L. E. Brill. 1,573,627; Feb. 16.
Chain, Antiskid. J. A. Cheape. 1,573,631; Feb. 16.
Chain-applying mechanism, Mud-. R. L. Sutter. 1,573,283; Feb. 16.
Charcoal. Producing highly-adsorbent. E. Bateman. 1,573,509; Feb. 16.
Chilling apparatus. C. H. M. Rayson. 1,573,450; Feb. 16.
Chimney, furnace, and ventilator, Combined. E. D. Lewis. 1,573,406; Feb. 16.
Chopper: *See*—
  Cotton chopper.
Cigarette-making machine. E. Koerner. 1,573,616; Feb. 16.
Circuit breaker. C. S. Eppley. 1,573,235; Feb. 16.
Circuit closer. J. J. Gramma. 1,573,702; Feb. 16.
Circuit, Highly-selective. H. W. Nichols. 1,573,323; Feb. 16.
Clamp: *See*—
  Dental clamp.
Cleaner: *See*—
  Paraffin cleaner.
  Vacuum cleaner.
  Windshield cleaner.
Clocks and watches, Bracket for alarm. C. W. Sager. 1,573,277; Feb. 16.
Cloth. O. C. Wiese. 1,573,788; Feb. 16.
Clutch. E. J. Armstrong. 1,572,870; Feb. 16.
Clutch, Friction. A. E. Norris. 1,573,324; Feb. 16.
Clutch, Friction. J. R. Zetwo, jr. 1,573,217; Feb. 16.
Coal and like materials, Adjustable apparatus for feeding and separating. F. H. Blatch. 1,573,035; Feb. 16.
Coat. I. M. Cohen. 1,573,302; Feb. 16.
Coffeepot, Percolator. M. L. Wood. 1,573,668; Feb. 16.
Coin-control mechanism. G. H. Matchett. 1,573,181; Feb. 16.
Collapsible bag. C. H. Loeffler. 1,573,721; Feb. 16.
Combination instrument. M. B. Hancock. 1,573,057; Feb. 16.
Combination lock. C. C. and W. S. Knottingham and J. F. Otis. 1,573,170; Feb. 16.
Combustion apparatus and method. G. C. Gerow. 1,572,920; Feb. 16.
Combustion, Composition for absorbing and purifying the waste products of. J. C. Tate. 1,573,284; Feb. 16.
Compressor for indirect inlay system, Wax-form. R. E. Tuthill. 1,573,433; Feb. 16.
Cooker and heater, Feed. J. Rowlett. 1,573,090; Feb. 16.
Cooking apparatus. W. Davies. 1,573,041; Feb. 16.
Cooler: *See*—
  Milk cooler.
Concrete reenforcement. G. M. Nelson. 1,573,735; Feb. 16.
Condensation, Process and apparatus for fractional. J. E. Bell. 1,573,129; Feb. 16.
Condenser, Variable. R. E. Marbury. 1,572,897; Feb. 16.
Conductor systems, Rapid regulation of the voltage in. R. Rüdenberg, C. Trettin, and G. Köhler. 1,572,959; Feb. 16.
Confection and making the same. W. A. McCool. 1,573,078; Feb. 16.
Container. J. H. Sheely. 1,573,648; Feb. 16.
Container, Water-tight. J. G. Wallace. 1,573,590; Feb. 16.
Containers, Moistening cover for. J. W. Christie. 1,573,479; Feb. 16.
Control apparatus. R. E. Hellmund. 1,572,927; Feb. 16.
Control system, Automatic-. H. Milker. 1,572,900; Feb. 16.
Converter furnace, Side-blast. T. Levoz. 1,573,892; Feb. 16.
Conveyer, Portable. O. P. Nystrom and M. De Lin. 1,573,186; Feb. 16.
Copyholder. E. W. Forney. 1,573,237; Feb. 16.
Core-removing machine for hollow drill steel. A. D. Johnson and F. A. Schulze. 1,573,070; Feb. 16.
Cores, Making. A. Anderson. 1,573,436; Feb. 16.
Cores, Spacing. R. M. Johnstone. 1,573,612; Feb. 16.
Corn planters, Marker for. J. Rowlett. 1,573,091; Feb. 16.
Corn shellers, Attachment for. E. Heltzman. 1,573,064; Feb. 16.
Cotton chopper. F. Drozd. 1,573,637; Feb. 16.
Counting head. H. C. Jones. 1,572,932; Feb. 16.
Coupling: *See*—
  Flexible coupling.
Coupler-lock-releasing device. F. M. Whyte. 1,573,434; Feb. 16.
Coupling. E. A. Whybrew. 1,572,979; Feb. 16.
Coupling for metal tubes. F. Tomlinson. 1,573,103; Feb. 16.
Cover plate. S. W. Carroll. 1,573,676; Feb. 16.
Crate, Bottle. H. H. and E. A. Gerding. 1,573,111–2; Feb. 16.
Crown blocks, Pulley support for. L. E. Zerbe. 1,573,216; Feb. 16.
Current of variable frequency, Generating an alternating. H. D. Arnold and J. P. Minton. 1,573,367; Feb. 16.
Curtain fixtures, Pulley-hanger bracket for draw-. J. H. Boye. 1,573,136; Feb. 16.
Curtain stretcher. T. Miersma. 1,573,562; Feb. 16.
Curtain tie back. H. J. Braun. Des. 69,437; Feb. 16.
Curtains, Fastening means for. E. J. Thurber. 1,573,776; Feb. 16.
Cushion handle. W. A. Smith. 1,573,458; Feb. 16.
Cutter: *See*—
  Weed cutter.
Dam construction. P. Zucco. 1,573,366; Feb. 16.
Debarking mechanism. N. A. and H. F. Barger. 1,572,982; Feb. 16.
Dental appliance. J. H. Ross, jr. 1,573,749; Feb. 16.
Dental clamp. R. E. L. Miller. 1,572,901; Feb. 16.
Derrick. F. Hunt. 1,573,713; Feb. 16.
Derrick. P. Yorke. 1,573,215; Feb. 16.
Desk. G. P. Wigginton. 1,573,665; Feb. 16.
Dimple-producing appliance. E. I. Gilbert. 1,572,891; Feb. 16.
Directory board. B. L. Akins. 1,573,126; Feb. 16.
Dishwasher. S. O. French. 1,573,387; Feb. 16.
Disk wheel. G. H. Forsyth. 1,573,238; Feb. 16.
Display and storage counter. A. Petersen. 1,573,569; Feb. 16.
Display box. A. W. Engel. 1,573,149; Feb. 16.
Display container. H. D. Phillips. 1,573,445; Feb. 16.
Display device. G. S. Hurst. 1,573,767; Feb. 16.
Door. B. Roe. 1,573,194; Feb. 16.
Door bolt, Self-locking. J. H. Stewart. 1,573,653; Feb. 16.
Door check and fastener, Combined. J. E. Barnes. 1,573,368; Feb. 16.
Door holder. A. J. Bush. 1,573,512; Feb. 16.
Door holder, Friction. N. B. Hurd. 1,573,404; Feb. 16.
Door operating and locking device. S. B. Haseltine. 1,573,063; Feb. 16.
Doors, Attachment for. W. Fizzell, jr. 1,573,236; Feb. 16.
Draft mechanism. V. C. Kline. 1,573,320; Feb. 16.
Draft rigging. D. S. Barrows. 1,573,290; Feb. 16.
Drain-pipe strainer. N. Holland. 1,573,067; Feb. 16.
Drier: *See*—
  Rotary drier.
Drier. R. J. Ritchie. 1,573,453; Feb. 16.
Drill: *See*—
  Rock drill.
Drill for fertilizers and seeds. E. B. Heyd. 1,573,493; Feb. 16.
Drills, Removable water-tube connection for stope. L. C. Bayles. 1,573,474; Feb. 16.
Drying apparatus, Centrifugal. G. Grauss. 1,573,240; Feb. 16.

Drying apparatus for tobacco and the like. E. Koerner. 1,573,615; Feb. 16.
Drying finely-divided materials. J. B. Bronstein. 1,573,673; Feb. 16.
Drying, Method and apparatus for. J. Credo. 1,573,144; Feb. 16.
Drying or calcining, Method and apparatus for. J. A. Barr. 1,573,533; Feb. 16.
Dump body, Covered. R. N. Burton. 1,573,372; Feb. 16.
Dust collector. R. H. Bourne and A. J. Grindle. 1,573,135; Feb. 16.
Dye composition. E. J. Wall and D. F. Comstock. 1,573,595; Feb. 16.
Dynamoelectric machine. H. M. Stoller. 1,573,333; Feb. 16.
Edging gauge. A. C. Hauck. 1,573,705; Feb. 16.
Educational device. J. P. Ross. 1,573,358; Feb. 16.
Egg-handling machine. F. and R. Smythe. 1,573,332; Feb. 16.
Electric bulb. A. A. Wilkins. 1,573,593; Feb. 16.
Electric-circuit controller, Thermal. G. W. O'Keeffe. 1,573,187; Feb. 16.
Electric fixture. P. D. Phillips. 1,573,420; Feb. 16.
Electric furnace. G. M. Little. 1,572,893–4; Feb. 16.
Electric furnace. E. L. Smalley. Re16,269; Feb. 16.
Electric heater. C. P. Randolph. 1,573,787; Feb. 16.
Electric-lamp housing, Incandescent. C. H. Bissell and E. G. Smith. 1,573,292; Feb. 16.
Electric-light-globe socket. H. L. Strongson. 1,572,906; Feb. 16.
Electric pyrometer. T. W. Varley. Re16,270; Feb. 16.
Electric switch. G. H. Hart. 1,573,163–4; Feb. 16.
Electric switch. J. N. Mahoney. 1,573,179; Feb. 16.
Electric switch, Electrically-operated. G. A. Burnham. 1,573,674; Feb. 16.
Electric time switch. D. Hitchcock. 1,573,066; Feb. 16.
Electrical bridge. H. J. Vennes. 1,573,337; Feb. 16.
Electrical generating and distribution system and apparatus therefor. W. S. Edsall. 1,573,148; Feb. 16.
Electrical measurements, Method and apparatus for making. T. R. Harrison and P. D. Foote. 1,573,606; Feb. 16.
Electrical network, Adjustable. G. Crisson and L. L. Glezen. 1,572,992; Feb. 16.
Electricity meter, Induction. J. Harris. 1,573,546; Feb. 16.
Electromagnet. A. H. Adams. 1,572,869; Feb. 16.
Electromagnet, Polarized. H. G. Saal. 1,573,094; Feb. 16.
Elevator-door lock. F. E. Kalte. 1,573,345; Feb. 16.
Elevator doors and the like, Interlock for. W. B. Gervais and J. C. Wilmot. 1,573,156; Feb. 16.
Elevator motor controller. E. B. Thurston. 1,573,207; Feb. 16.
Embroidering machines, Fabric frame for. C. Muentener. 1,573,184; Feb. 16.
Embroidery machine. J. Hohl and E. G. Keller. 1,573,165; Feb. 16.
Emulsions, Method of and apparatus for breaking. L. G. Gates. 1,573,389; Feb. 16.
End gate. W. H. Harrison. 1,573,060; Feb. 16.
Engine: *See*—
Internal-combustion engine.
Engine-compression-brake apparatus. H. H. Nolen. 1,573,417; Feb. 16.
Engine-hood-vent cover. H. L. Thompson. 1,573,659; Feb. 16.
Engine-starting mechanism, Internal-combustion-. R. Harris. 1,572,998–9; Feb. 16.
Engines, Auxiliary air control for internal-combustion. E. A. Eklund. 1,573,692; Feb. 16.
Engines, Emergency supply for fuel-combustion. C. M. Donovan. 1,573,230; Feb. 16.
Engines, Humidifier for gas. J. E. Crandall and A. Olgay. 1,572,886; Feb. 16.
Engines, Reversing mechanism for opposed-piston. A. T. Kasley. 1,573,319; Feb. 16.
Excavator bucket. W. Baker. 1,573,128; Feb. 16.
Fabric. F. B. Manley. 1,573,559; Feb. 16.
Facial device, Electrical. G. E. Engstrom. 1,573,693; Feb. 16.
Fastener. F. S. Carr. 1,573,763; Feb. 16.
Fastening-inserting machine. F. L. MacKenzie. 1,573,081; Feb. 16.
Faucet or tap for water pipes, etc. O. Schott. 1,573,526; Feb. 16.
Feed collet. C. J. Fancher and R. A. Johnson. 1,573,048–9; Feb. 16.
Feed-controlling mechanism. F. I. Raymond. 1,573,192; Feb. 16.
Fender: *See*—
Vehicle fender.
Fender control. A. L. Hunt. 1,573,712; Feb. 16.
Filing case, Metal. S. C. Huffman. 1,573,608; Feb. 16.
Filling detector. E. H. Ballou. 1,572,875; Feb. 16.
Finger ring or similar article. J. L. Herzog. Des. 69,451; Feb. 16.
Firearms, Firing regulator for automatic. C. Sutter. 1,573,655; Feb. 16.
Fire brick or block. R. A. Daltan. 1,573,482; Feb. 16.
Fire preventer. E. Harteau. 1,572,925; Feb. 16.
Fish ladder. J. F. Albright. 1,573,785; Feb. 16.
Fishhook. J. Klipec. 1,573,553; Feb. 16.
Fishing tool. C. and J. Schiefferle. 1,573,646; Feb. 16.
Fishing tool, Sucker-rod. H. R. Lloyd and J. E. Reynolds. 1,573,408; Feb. 16.
Flag holder. S. W. Acosta. 1,573,757; Feb. 16.
Flexible coupling. R. W. Schuette. 1,573,197; Feb. 16.
Floorcloths; Manufacture of inlaid. E. and J. D. Batten. 1,573,534; Feb. 16.
Floor construction. C. M., L. R., and C. W. Lowe. 1,573,724; Feb. 16.
Floor waxer and polisher, Combined. J. R. Campbell. 1,572,987; Feb. 16.
Flooring construction, Reenforced. F. E. Simpson. 1,573,280; Feb. 16.
Flue-pipe support and insulator. F. H. Gilbertson. 1,573,053; Feb. 16.
Fluid-controlling device, Variable. A. C. Whidden. 1,573,210; Feb. 16.
Fluid-pressure diaphragm. F. W. Stalker. 1,572,970; Feb. 16.
Flush-tank bulbs, Method and apparatus for making. F. T. Roberts. 1,573,577; Feb. 16.
Flying top. R. Simonek. 1,573,527; Feb. 16.
Football and making the same. F. T. and W. E. Roberts. 1,573,576; Feb. 16.
Footwear. M. M. Sorensen. 1,573,528; Feb. 16.
Forging machine. T. A. Gorman. 1,573,487; Feb. 16.
Fruit and the like, Device for packing. E. B. Hiatt. 1,573,341; Feb. 16.
Fuel, Artificial. U. von Porten. 1,572,909; Feb. 16.
Fuel-injection device. P. Johnsen. 1,573,248; Feb. 16.
Fuel production, Gaseous. J. R. Rose. 1,573,524; Feb. 16.
Fuel, Pulverizing, feeding, and burning. J. Crites. 1,573,040; Feb. 16.
Furnace: *See*—
Converter furnace. Ring-heating furnace.
Electric furnace.
Furnace construction. H. A. Atwater. 1,573,507; Feb. 16.
Furnace resistor, Electric-. P. H. Brace. 1,572,881; Feb. 16.
Furs and the like, Bleaching and dyeing. H. Stein, W. E. Austin, and I. Liebowitz. 1,573,200; Feb. 16.
Fuse element, Renewable. J. B. Glowacki. 1,573,392; Feb. 16.
Fuse, Renewable. G. R. Trumbull. 1,573,432; Feb. 16.
Gad, Pike-pole. F. A. Brown. 1,573,539; Feb. 16.
Galvanizing apparatus. C. Pletsch. 1,572,953; Feb. 16.
Game. L. C. Houle. 1,573,711; Feb. 16.
Game. F. J. Lieske. 1,573,384; Feb. 16.
Garment hanger. B. Simpson. 1,573,649; Feb. 16.
Garter. A. Carlson. 1,573,675; Feb. 16.
Gas brooder. F. R. Kimble. 1,573,718; Feb. 16.
Gas-house liquor, Purifying. E. W. Keith. 1,573,169; Feb. 16.
Gas producer. C. W. Lummis and G. H. Isley. Re16,262; Feb. 16.
Gases, Low-temperature cooling, liquefaction, and separation of not easily condensable. A. Seligmann. 1,573,752; Feb. 16.
Gases, Utilization of waste heat of furnace. H. H. Stout. 1,573,427; Feb. 16.
Gasket holder. C. A. Franklin. 1,573,484; Feb. 16.
Gate: *See*—
End gate.
Gauge: *See*—
Edging gauge. Planter depth gauge.
Gauges, Pen for recording. E. J. Watts. 1,573,339; Feb. 16.
Gear for draft animals, Tongue-supporting. R. C. Workman. 1,573,755; Feb. 16.
Gear grinder. O. Garrison. 1,573,153; Feb. 16.
Gear transmission mechanism, Multiple-speed planetary-. F. F. Small and C. E. Nagel. 1,573,098; Feb. 16.
Gears, Making blanks for noiseless. J. H. Carver. 1,573,629; Feb. 16.
Gilsonite products. C. N. Forrest. 1,573,765; Feb. 16.
Gilsonite, Treating. C. N. Forrest. 1,573,764; Feb. 16.
Glass, Feeding molten. K. E. Peiler. 1,573,742; Feb. 16.
Glass-flowing device. C. W. Pleukharp. 1,573,273; Feb. 16.
Glass into molds, Apparatus for feeding. L. A. Drey. 1,573,636; Feb. 16.
Glass, Method and apparatus for annealing and cooling sheet. F. L. Bishop. 1,573,033; Feb. 16.
Glass to forming machines, Feeding. L. A. Drey. 1,573,635; Feb. 16.
Glue machine. R. W. Longley and W. H. Gray. 1,572,896; Feb. 16.
Goblet or similar article. J. O. Balda. Des. 69,434; Feb. 16.
Goggles. E. Peloquin. 1,573,088; Feb. 16.
Golf-club shaft, Steel. W. F. Hoerle. 1,573,707; Feb. 16.
Golf-club shafts, Manufacture of. W. F. Hoerle. 1,573,708; Feb. 9.
Golf clubs, Hand grip for. W. C. Johnston. 1,573,612; Feb. 16.
Grain pickler and loader. A. Espeseth. 1,573,694; Feb. 16.
Grain separator. T. C. Hutchinson. 1,573,166; Feb. 16.
Grain-treating machine. S. A. Weitman. 1,573,340; Feb. 16.
Graining tool. K. Winkenbach. 1,573,594; Feb. 16.
Graphic meter. V. H. Todd. 1,572,908; Feb. 16.
Graphic-meter-control mechanism. C. Aalborg. 1,572,871; Feb. 16.

Grate. F. De Gruchy. 1,573,682; Feb. 16.
Grating. I. L. Gelder. 1,573,154; Feb. 16.
Grave marker. W. F. Norman. 1,573,268; Feb. 16.
Grinding machine. J. N. Heald, A. Turner, and G. C. Kimmel. 1,572,926; Feb. 16.
Grinding machine, Thread-. S. Richard, jr. 1,573,523; Feb. 16.
Gun. G. S. Lewis and E. B. Smith. 1,573,405; Feb. 16.
Gun, Air. C. F. Lefever. 1,573,383; Feb. 16.
Gun, Grease. H. Fay. 1,573,150; Feb. 16.
Gutter hanger. M. Rachlin. 1,573,449; Feb. 16.
Hair waving and curling device. E. O. Frederics. 1,573,600; Feb. 16.
Hair waving, Heater for permanent. A. H. Bongers. 1,573,761; Feb. 16.
Handle: *See*—
Cushion handle.
Hanger: *See*—
Garment hanger. Hat hanger.
Gutter hanger.
Hammer and knife, Combined. N. Martin. 1,572,898; Feb. 16.
Harmonicas, Attachment for. W. A. Hand. 1,573,242; Feb. 16.
Harvester and stalk cutter, Combined corn. A. H. Guard. 1,573,399; Feb. 16.
Harvester, Tobacco. R. B. Scruggs. 1,573,020; Feb. 16.
Hat. J. T. Caradine and W. T. Christmas. Des. 69,438–9; Feb. 16.
Hat hanger. C. Taft. 1,572,973; Feb. 16.
Hayrack and hograck, Combined. A. F. Schreader. 1,573,750; Feb. 16.
Headlight front, Antiglare. C. L. Rein. 1,573,451; Feb. 16.
Headlights, Mounting and means for tilting vehicle. F. G. Evans. 1,573,380; Feb. 16.
Heater: *See*—
Electric heater. Liquid heater.
Heater connection. C. H. Desautels. 1,573,305; Feb. 16.
Heating fluids. F. E. Wellman. 1,573,591; Feb. 16.
Heel blanks, Method of and machine for randing. D. Parks. 1,573,189; Feb. 16.
Heels of low shoes, Non-slip device for. M. B. Hamilton. 1,572,997; Feb. 16.
Helicopter. G. de Bothezat. 1,573,228; Feb. 16.
Helicopter. E. Y. Moore. 1,573,563; Feb. 16.
High-frequency dielectric and magnetic furnace. C. T. Allcutt. 1,572,873; Feb. 16.
Hinge. M. J. Economides. 1,573,231; Feb. 16.
Hinge. D. S. French and H. S. Forsberg. 1,573,311; Feb. 16.
Hinge, Spring. W. J. Keene. 1,573,550; Feb. 16.
Hoist-control unit. H. H. Logan. 1,573,256; Feb. 16.
Hoist, Double drum. C. C. Hausen. 1,573,491; Feb. 16.
Hollow articles, Method and apparatus for making. E. J. Kroeger. 1,573,497; Feb. 16.
Hook: *See*—
Shoe-lace hook.
Hook and lever, Combined metal. C. H. Bennett. 1,573,759; Feb. 16.
Hook and making the same, Pressed-metal. H. G. Thompson. 1,573,206; Feb. 16.
Hose lines, Reel for double. H. E. Bedford. 1,573,439; Feb. 16.
Hot-cathode apparatus. E. W. Breisch. 1,572,882; Feb. 16.
Hotel code and information chart holder. J. F. Russell. 1,573,195; Feb. 16.
Humidifier. J. B. McDevitt. 1,573,262; Feb. 16.
Hydraulic distant-control apparatus. N. E. Methlin. 1,573,354; Feb. 16.
Hydrocarbon burner. A. Stockstrom. 1,573,654; Feb. 16.
Hydrocarbon vapors, Condensation of. E. W. Isom and J. E. Bell. 1,573,167; Feb. 16.
Hydrocarbons, Apparatus for separating. W. C. Averill, jr. 1,573,025; Feb. 16.
Hydroxides from waste solutions, Recovery of caustic. F. H. Griffin. 1,573,703; Feb. 16.
Ice-cream cones, Machine for making. J. T. Turner. 1,573,588; Feb. 16.
Ice-cream container, Edible. H. P. Page. Des. 69,459; Feb. 16.
Ice-cutting, timber-framing, and wood-sawing machine. S. Diehl. 1,573,377; Feb. 16.
Ice-making apparatus. A. H. Hutchinson. 1,573,714; Feb. 16.
Implement, Multiple-purpose quick-acting. B. F. B. Sewell. 1,573,647; Feb. 16.
Impregnating wood. O. V. Stewart. 1,572,905; Feb. 16.
Impression throw-off. W. M. Kelly. 1,573,005; Feb. 16.
Incubators, Egg tray for. E. O. Branington. 1,573,038; Feb. 16.
Indicator: *See*—
Water-level indicator.
Ingot mold. E. Gathmann. 1,573,486; Feb. 16.
Ink pad. A. L. Costa. 1,573,481; Feb. 16.
Insecticidal composition of matter. C. N. Hand. 1,573,490; Feb. 16.
Insulator, Strain. W. H. Kempton. 1,572,937; Feb. 16.
Internal-combustion engine. W. F. Geddes. 1,572,918; Feb. 16.
Internal-combustion engine. H. N. Moore. 1,573,266; Feb. 16.
Internal-combustion motor. H. Lee. 1,573,255; Feb. 16.
Ironing board. S. Elchberg. 1,573,691; Feb. 16.
Ironing machine. A. R. Gustafson. 1,573,161; Feb. 16.
Ironing machine. C. Riesenweber. 1,573,193; Feb. 16.
Irons, Safety device for electric. R. E. Campbell. 1,572,988; Feb. 16.
Jack: *See*—
Screw jack.
Joint: *See*—
Rail joint. Universal joint.
Kettle. A. P. Kay. 1,573,250; Feb. 16.
Key. E. M. Benham. 1,573,536; Feb. 16.
Key, Combination. E. Roethlisberger. 1,573,791; Feb. 16.
Key holder. L. Long. 1,573,723; Feb. 16.
Kiers, Indicator for injector pressure. W. C. Foulds. 1,573,210; Feb. 16.
Kiln, Tunnel. F. A. J. Fitz Gerald. 1,573,543; Feb. 16.
Kinetic energy, Process and apparatus for measuring. A. H. Beyer. 1,573,133; Feb. 16.
Kit, Meal. J. B. Allston. 1,573,620; Feb. 16.
Knitting machine. H. Förster. 1,572,993; Feb. 16.
Knitting machine. T. H. Jones. 1,573,614; Feb. 16.
Knitting machine. J. P. Primm. 1,573,018; Feb. 16.
Lace. P. Groebli. Des. 69,447; Feb. 16.
Lace hook, Shoe-. H. E. Pambianco. 1,573,119; Feb. 16.
Lamp base. T. J. League. Des. 69,453–4; Feb. 16.
Lamp base. T. J. League. 69,456–7; Feb. 16.
Lamp bracket. A. A. Schwartz. Des. 69,464; Feb. 16.
Lamp holder. H. Bieber. 1,573,218; Feb. 16.
Lamp lock. C. Killars. 1,573,717; Feb. 16.
Lamp, Parking. J. J. Gouch. 1,573,394; Feb. 16.
Lamp wick. Z. Olsson. 1,573,500; Feb. 16.
Lamps, Applicator for therapeutic. L. B. Pambrun. 1,573,419; Feb. 16.
Landing doorlock. J. A. Brubaker. 1,573,140; Feb. 16.
Last. E. D. Stone. 1,573,461; Feb. 16.
Laths, Clip for fastening expanded-metal. J. S. Raynor. 1,573,783; Feb. 16.
Laundry apparatus. C. L. Braley. 1,573,626; Feb. 16.
Laundry counting device. A. F. Hanney. 1,573,162; Feb. 16.
Leather, Ornamenting. W. Knoll. 1,573,251; Feb. 16.
Leather, Producing shading-off ornamentation on. W. Knoll. 1,573,252; Feb. 16.
Leg band. P. W. Rhines. 1,573,744; Feb. 16.
Lens, Illuminating. F. Rownick. Des. 69,461; Feb. 16.
Lens-producing apparatus. M. A. Laabs. 1,573,073; Feb. 16.
Lens, Signal. K. D. Lightbipe. Des. 69,458; Feb. 16.
Lettering. E. Bourgeois. 1,573,295; Feb. 16.
License and city name plates, Holder for. P. F. Morrissey. 1,573,087; Feb. 16.
License container or holder, Pocket. W. Warren. 1,573,663; Feb. 16.
License-plate holder. F. Hallar and B. C. Long. 1,573,443; Feb. 16.
License-plate holder, Automobile. G. G. Irie. 1,573,113; Feb. 16.
License-plate holder, name plate and signal light, Combined. G. A. and A. E. Schuh. Des. 69,463; Feb. 16.
Lifeboats, Apparatus for lowering. A. P. Schat. 1,573,196; Feb. 16.
Lifter: *See*—
Valve lifter.
Light deflector. B. Porter. 1,573,743; Feb. 16.
Lighting fixture. W. T. Blackwell. 1,572,880; Feb. 16.
Lighting fixtures, Arm for. H. Abrams. Des. 69,247; Feb. 16.
Lighting fixtures, Arm for. H. Abrams. Des. 69,424; Feb. 16.
Lighting fixtures, Arm for. H. Abrams. Des. 69,429; Feb. 16.
Lighting fixtures, Backplate for. H. Abrams. Des. 69,423; Feb. 16.
Lighting fixtures, Backplate for. H. Perrey. Des. 69,460; Feb. 16.
Lighting fixtures, Canopy for. H. Abrams. Des. 69,426; Feb. 16.
Lighting fixtures, Ceiling plate for. J. F. Kohler. Des. 69,452; Feb. 16.
Lighting fixtures, Loop for. H. Abrams. Des. 69,432; Feb. 16.
Lighting fixtures, Plate for. H. Abrams. Des. 69,431; Feb. 16.
Lighting fixtures, Plate for. H. Abrams. Des. 69,433; Feb. 16.
Lighting fixtures, Rosette for. H. Abrams. Des. 69,425; Feb. 16.
Lighting fixtures, Segmental portion for. H. Abrams. Des. 69,428; Feb. 16.
Lighting fixtures, Spindle for. T. J. League. Des. 69,455; Feb. 16.
Link, Emergency. C. M. Young. 1,572,980; Feb. 16.
Liquid applicator. P. N. Condit. 1,573,224; Feb. 16.
Liquid-dispensing device. F. A. Howard and D. G. Tomkins. 1,573,766; Feb. 16.
Liquid-fuel burner. L. A. Cocklin. 1,572,883; Feb. 16.
Liquid-fuel burner. W. C. Homan. 1,573,549; Feb. 16.
Liquid heater. G. W. Coen. 1,573,223; Feb. 16.
Liquid-treating apparatus. I. B. Tanner. 1,573,204; Feb. 16.
Liquids, Sterilization and clarification of. W. McComb and W. A. Heyman. 1,573,177; Feb. 16.

Loader, Automatic. H. P. Robbins. 1,573,125; Feb. 16.
Loading apparatus. J. E. Manning. 1,573,728; Feb. 16.
Lock: *See*—
Air-brake lock. Lamp lock.
Automobile lock. Motor lock.
Combination lock. Motormeter lock.
Elevator-door lock. Window lock.
Lock. M. Anundi. 1,573,506; Feb. 16.
Lock. W. E. Parent. 1,573,741; Feb. 16.
Lock nut. B. Sale. 1,573,328; Feb. 16.
Locomotive boiler. C. G. Hawley. 1,573,547; Feb. 16.
Locomotive, Turbine-driven. H. Reid and J. MacLeod. 1,572,958; Feb. 16.
Loom shuttle, Automatically-threading. H. A. Davis. 1,573,227; Feb. 16.
Looms, Automatically filling replenishing shuttle for. W. I. Stimpson and H. A. Davis. 1,573,753; Feb. 16.
Looms, Center brace for drag of. E. L. Tinkham. 1,573,777; Feb. 16.
Looms, Shuttle feeler mechanism for. M. L. Stone. 1,573,505; Feb. 16.
Looms, Weft-cutting means for automatic weft-replenishing. D. M. Hollins. 1,572,930; Feb. 16.
Loud speaker. L. de Forest. Des. 69,443; Feb. 16.
Lubricating apparatus. S. Manning. 1,573,561; Feb. 16.
Lubricating device. L. J. Black. 1,573,293; Feb. 16.
Lubrication system. O. Haentjens. 1,573,706; Feb. 16.
Magnesium carbonate, Producing light basic. R. B. Crowell. 1,573,632; Feb. 16.
Magneto plug. E. L. Haddock. 1,573,316; Feb. 16.
Malt sirup and preparing the same. H. E. Dubin 1,573,687; Feb. 16.
Mandrel. M. F. Field. 1,573,386; Feb. 16.
Mandrel, Collapsible. C. Mehlum. 1,573,183; Feb. 16.
Manifold construction. D. M. White. 1,573,211; Feb. 16.
Map and registration-certificate holder, Road-. J. C. Prewitt. 1,573,447; Feb. 16.
Massaging and the like, Apparatus for. P. Fischer and W. Engiert. 1,573,639; Feb. 16.
Match book, Renewable. S. Rosenstein. 1,573,747; Feb. 16.
Measuring and cost-computing machines, Governor for. J. L. Wheeler. 1,573,209; Feb. 16.
Measuring machines, Return-speed check for. A. Vanderveld. 1,573,589; Feb. 16.
Metal, glass, or other material to render the same workable, Heating. J. W. Van Meter. 1,572,975; Feb. 16.
Metal-working device. F. D. Rifner. 1,573,503; Feb. 16.
Metals and other materials, Tempering. J. W. Van Meter. 1,573,784; Feb. 16.
Metals, Production of. J. W. Marden and C. C. Van Voorhis. 1,573,083; Feb. 16.
Meter: *See*—
Electricity meter. Registering meter.
Graphic meter.
Meter-control mechanism, Graphic-. R. T. Pierce. 1,572,948–50; Feb. 16.
Milk cooler. W. M. Black. 1,573,760; Feb. 16.
Mill: *See*—
Ore-grinding mill. Pulverizing mill.
Minerals, Treatment of earthy. W. Feldenheimer. 1,573,385; Feb. 16.
Mining machine. H. P. Morgan. 1,573,564; Feb. 16.
Mirror and compact holder, Combined. C. and A. Gold. 1,573,393; Feb. 16.
Mixing and ejecting mechanism. E. Thompson. 1,573,658. Feb. 16.
Moisture and vapor separator. F. M. Fritts. 1,573,485; Feb. 16.
Mold: *See*—
Ingot mold.
Molding. R. Kemp. 1,572,936; Feb. 16.
Molding machine. O. Müller. 1,573,009; Feb. 16.
Molds, Hot top for ingot. V. A. Giesey. 1,573,313; Feb. 16.
Molds, Process for filling and tamping. A. Kissam. 1,573,346; Feb. 16.
Monkey wrench. H. A. Logan. 1,573,722; Feb. 16.
Mopping and rinsing machine. W. S. Finnell. 1,572,913; Feb. 16.
Mops, Making. P. C. Donahue. 1,573,686; Feb. 16.
Motor: *See*—
Spring motor.
Motor for use on a constant-current variable-voltage system, Electric. G. Austin and J. C. and W. A. Macfarlane. 1,573,508; Feb. 16.
Motor lock. J. D. Pardoe. 1,572,947; Feb. 16.
Motormeter lock. A. J. Hess. 1,573,002; Feb. 16.
Motors, Installation for operating reciprocating electric. N. Japolsky and M. Kostenko. 1,573,003; Feb. 16.
Motors with salient poles, Arrangement for the compensating windings of commutator. L. Torda. 1,573,335; Feb. 16.
Multiple splining machine. J. A. Shutz. 1,573,454; Feb. 16.
Music-leaf turner. A. J. Tunér. 1,572,974; Feb. 16.
Musical instrument. C. M. Fields and W. Worrick. 1,573,695; Feb. 16.
Nail, Furring. A. M. Jensen. 1,573,069; Feb. 16.
Naphtha floating on the surface water, Apparatus for recovering. A. Meland. 1,573,085; Feb. 16.
Needlebook. A. J. Hague, jr. Des. 69,448–9; Feb. 16.
Nipple, Nursing. J. Little. 1,573,519; Feb. 16.
Nut and bolt, Interlocking. A. M. and R. Stock. 1,573,426; Feb. 16.
Nut-tapping machine. O. A. Smith and G. J. Leber. 1,573,099; Feb. 16.
Oil-circulation signal. A. Bloch. 1,573,371; Feb. 16.
Oil, Fuel. F. L. Dietz. 1,573,307; Feb. 16.
Oil, Motor fuel. F. L. Dietz. 1,573,308; Feb. 16.
Oils, Continuous process of demulsifying mineral. W. D. Leeper. 1,573,321; Feb. 16.
Oils, Process and apparatus for decomposing. C. M. Alexander. 1,573,532; Feb. 16.
Ophthalmic mountings, Producing. W. J. Wrighton. 1,573,023; Feb. 16.
Optical prisms, Machine for making. C. F. Jenkins. 1,573,609; Feb. 16.
Ore-grinding mill. W. N. Beyerle. 1,573,032; Feb. 16.
Ores, Concentration of oxidized. S. Croasdale. 1,573,226; Feb. 16.
Organic derivatives of tin, Preparation of. C. Oechslin. 1,573,738; Feb. 16.
Outlet fitting. R. B. Benjamin. 1,573,440; Feb. 16.
Oven, Electric bake. E. L. Gehman. 1,573,602; Feb. 16.
Ovens, Feeding mechanism for continuous baking. F. P. Nistle. 1,573,416; Feb. 16.
Package tie, Sealable. J. L. Dinsmoor. 1,573,684–5; Feb. 16.
Packing for shafts, Balanced. F. N. Govers and E. R. Hewitt. 1,572,922; Feb. 16.
Pad: *See*—
Ink pad.
Pads, System for making. W. E. Elliott. 1,573,599; Feb. 16.
Paint and varnish remover. G. Blenio. 1,573,537; Feb. 16.
Paper container. W. L. Wright. 1,573,598; Feb. 16.
Paper cups, Demountable dispenser for. C. Barbieri. 1,573,027; Feb. 16.
Paper, Drying. E. A. Briner and H. J. Guild. 1,573,297; Feb. 16.
Paper-making machines, Regulating the operation of. E. J. Wilson and E. A. Rees. 1,573,469; Feb. 16.
Paper, Method and apparatus for making color-blended wall. J. J. Warren. 1,573,208; Feb. 16.
Paper-roll holder and cutter. E. O. Bulman. 1,573,141; Feb. 16.
Paraffin cleaner. A. S. Crosby. 1,573,679; Feb. 16.
Peephole for threads. D. C. Klausmeyer. 1,573,551; Feb. 16.
Pen, Fountain. W. J. Giovannetti. 1,573,699; Feb. 16.
Pencil, Mechanical. B. B. Goldsmith. 1,573,655; Feb. 16.
Percentage feeder. A. D. MacLellan. 1,573,350; Feb. 16.
Percolators, Fluid cut-out for. O. A. Colby. 1,572,991; Feb. 16.
Phonograph and telephone, Combined. J. C. Lowe. 1,573,258; Feb. 16.
Phonograph, Automatic. O. Smith. 1,573,504; Feb. 16.
Photographic emulsion and color-sensitizing composition, Treating. E. J. Wall and D. F. Comstock. 1,573,596; Feb. 16.
Photographic print and making the same. C. W. Carman. 1,573,478; Feb. 16.
Piano action, Upright. J. Himpel. 1,573,607; Feb. 16.
Picture device. L. G. Jordan. 1,573,344; Feb. 16.
Picture film, Song-motion-. M. Fleischer. 1,573,696; Feb. 16.
Picture machine, Motion-. W. Salorio. 1,573,422; Feb. 16.
Picture transmission system. D. M. Terry. 1,573,529; Feb. 16.
Pictures and moving-picture projecting machines, Projecting moving. S. Bardy. 1,573,438; Feb. 15.
Piled materials, Method of and apparatus for the moving of. R. Balmer. 1,573,437; Feb. 16.
Pipe elbows, Making. L. H. Furnell. 1,573,448; Feb. 16.
Pipe-end-forming tool. L. J. Hand and H. G. Passé. 1,572,924; Feb. 16.
Pipe lines, Adjustable flange for. C. Belcher. 1,573,511; Feb. 16.
Piston and piston ring. J. M. Thomas. 1,573,285; Feb. 16.
Pistons, Inner ring for. A. L. Hamilton. 1,573,545; Feb. 16.
Planers or shapers, Tool-operating attachment for. H. W. Watson. 1,572,978; Feb. 16.
Plant setter. E. C. Pearson. 1,573,270; Feb. 16.
Planter depth gauge. A. A. Resseguie. 1,573,327; Feb. 16.
Plastic material in centrifugal processes and using the same, Distributing and placement device for. C. R. Nichols. 1,573,566; Feb. 16.
Plastic materials and apparatus therefor, Centrifugal process of forming and finishing hollow bodies of. C. R. Nichols. 1,573,567; Feb. 16.
Plate-fabricating machine. W. J. Tangerman. 1,573,102; Feb. 16.
Plate or similar article. H. Trischler. Des. 69,466; Feb. 16.
Plow, Conduit. W. Schaake. 1,572,966; Feb. 16.
Plow, Lister. T. B. Roberts. 1,573,745; Feb. 16.
Plows, Weed gatherer for. J. Wicker and J. E. McGough. 1,573,592; Feb. 16.
Plug, Connecting. E. E. Yaxley. 1,573,435; Feb. 16.
Plumbing fixtures, etc., Automatic overflow outlet for. C. L. Dawson. 1,573,042; Feb. 16.

Plunger cleaning device. E. C. Lampson. 1,573,720; Feb. 16.
Poison-liquid container. A. W. Schlesinger. 1,573,278; Feb. 16.
Polychromatic security print. R. Lamp'l. 1,573,006; Feb. 16.
Pot: *See*—
Coffeepot.
Pot or crucible. A. E. Bellis and C. S. Collins. 1,573,535; Feb. 16.
Potato-sorting device. T. Prescott. 1,573,274; Feb. 16.
Poultry feeder. G. H. Aldrich and A. L. Gilbo. 1,572,981; Feb. 16.
Powder box, Face-. A. Bowman. 1,573,036; Feb. 16.
Powder collector. W. H. Dickerson and W. B. McLaughlin. 1,573,376; Feb. 16.
Powders of great fineness, Obtaining. E. Podszus. 1,573,017; Feb. 16.
Power control. B. D. Saklatwalla and A. N. Anderson. 1,573,695; Feb. 16.
Power plant. A. R. Smith. 1,573,582; Feb. 16.
Power plant, Steam-. J. K. Ruths. 1,572,960; Feb. 16.
Power-transmission device. G. E. Ruckstell. 1,573,359; Feb. 16.
Press. J. Fletcher. 1,573,769; Feb. 16.
Price card or ticket. H. and L. Hopp. 1,573,403; Feb. 16.
Printing machine, Flock-. F. Hinnekens. 1,573,494; Feb. 16
Printing-plate holder. E. E. Thiel. 1,573,429–31; Feb. 16.
Propeller-blade mounting. S. Heath. 1,573,000; Feb. 16.
Protective system. J. Biermanns. 1,573,623–4; Feb. 16.
Protective system. J. Biermanns and O. Mayr. 1,573,622; Feb. 16.
Puller: *See*—
Beet puller. Weed puller.
Rope puller.
Pulley block. F. B. Mallory. 1,573,351–2; Feb. 16.
Pulverizing mill. F. I. Raymond and W. B. Senseman. 1,573,191; Feb. 16.
Pump, Multicylinder. H. Sandoz. 1,573,525; Feb. 16.
Pump, Oil-well. W. J. Smith. 1,573,584; Feb. 16.
Pump, Rotary. E. A. Diffinger. 1,573,683; Feb. 16.
Pumping apparatus. C. Warner. 1,573,106. Feb. 16.
Punch, Riveting. E. Frey. 1,573,050; Feb. 16.
Punching machine, Portable. D. J. Chickering. 1,573,143; Feb. 16.
Pyroxylin and the like, Shaping sheet. E. R. Person. 1,573,356; Feb. 16.
Rack: *See*—
Shoe rack.
Radiator cap or similar article. H. Hardisty. Des. 69,450; Feb. 16.
Radiator caps, Retaining device for. H. Schlaich. 1,573,096; Feb. 16.
Radiator inclosure. M. Jersemann. 1,573,610; Feb. 16.
Radiator or the like, W. J. Gamble. 1,572,916; Feb. 16.
Radiator, Self-emptying, motor-vehicle. V. P. Giddings, jr. 1,573,157; Feb. 16.
Radio receiving sets, Loud-speaker horn for. A. C. and J. R. Frisch. Des. 69,446; Feb. 16.
Radioantenna. F. R. Kronfoth. 1,573,171; Feb. 16.
Radiocondenser. P. A. Chamberlain. 1,573,374; Feb. 16.
Radius rod. J. A. Portis. 1,573,782; Feb. 16.
Rail bonds, Manufacture of. C. A. Cadwell. 1,573,219; Feb. 16.
Rail joint. W. R. McPhetridge. 1,573,007; Feb. 16.
Rail joint fastening, Automatic. M. Betke. 1,573,132; Feb. 16.
Railway brake mechanism. G. N. Loomis. 1,573,257; Feb. 16.
Railway switch, Automatic. C. S. Eppley. 1,573,234; Feb. 16.
Railway switch mechanism. J. J. O'Rourke. 1,573,355; Feb. 16.
Razor blade. D. E. Hickey. 1,573,244; Feb. 16.
Razor-blade holder, Safety-. N. E. Charlton. 1,573,630; Feb. 16.
Razor, Safety. G. A. Schieren. Re16,264; Feb. 16.
Receptacle containing volatile or inflammable liquids such as benzine and other hydrocarbons. M. A. Meijer and R. von Feld. 1,573,731; Feb. 16.
Record-forming device. W. W. Lasker, jr. 1,573,174; Feb. 16.
Recording and reproducing machine. T. L. Dowey. 1,573,509; Feb. 16.
Rectifier with a change-over switch. H. Gerdien. 1,573,155; Feb. 16.
Refrigerating apparatus. J. G. King. 1,573,114; Feb. 16.
Refrigerating apparatus. J. G. King. 1,573,115; Feb. 16.
Refrigerating system. L. L. Scott. 1,573,198; Feb. 16.
Registering meter. W. A. Liebing and E. H. Loughridge. 1,573,176; Feb. 16.
Regulator: *See*—
Speed regulator.
Relay-tripping system. R. T. Pierce. 1,572,951; Feb. 16.
Restraining device. A. C. Popham. 1,573,446; Feb. 16.
Retorts, Coke-releasing device for vertical. P. H. Douglas and I. D. Thomas. 1,573,145; Feb. 16.
Rim, Demountable. O. P. Munson. 1,573,010; Feb. 16.
Ring-heating furnace. R. Regars. 1,573,522; Feb. 16.
Road log and map display device. D. S. Nash and J. E. Lett, jr. 1,573,011; Feb. 16.
Roads, Machine for use in repairing. E. C. Gledhill. 1,573,700; Feb. 16.
Rock drill, Gasoline. J. V. Rice, jr. 1,573,790; Feb. 16.
Rod: *See*—
Radius rod.
Rodents, Bait depositor for. C. J. Barnes. 1,573,670; Feb. 16.
Roller: *See*—
Shade roller.
Rope-end stopper. W. G. Norman. 1,573,737; Feb. 16.
Rope puller. J. O. Grenier. 1,573,397; Feb. 16.
Rotaries, Pipe-rotating attachment for. H. F. Smith. 1,573,281; Feb. 16.
Rotary drier. W. A. Harty and F. W. Moore. Re16,265; Feb. 16.
Rubber articles, Mending. W. H. Buschell. 1,573,039; Feb. 16.
Rubber-coated weftless cord fabric, Manufacture of. A. Gessner, jr. 1,573,390; Feb. 16.
Saccharine liquors, Clarifying. I. H. Morse. 1,573,733; Feb. 16.
Sadiron. P. D. Yankoff. 1,573,470; Feb. 16.
Sailing craft, Construction of. F. F. von Hoiningen-Huene. 1,572,976; Feb. 16.
Sanitary protector. B. Madoff. 1,573,726; Feb. 16.
Saw, Jig. M. E. Baker. 1,573,510; Feb. 16.
Sawmill carriage, Arresting a. D. R. Tanner. 1,573,428; Feb. 16.
Scissors, Drawcut. H. L. Feddersen. 1,573,442; Feb. 16.
Scooter. W. T. James. 1,573,247; Feb. 16.
Scraper, Disappearing foot. P. Endres. 1,573,046; Feb. 16.
Screen: *See*—
Window screen.
Screen. C. D. Smith. 1,573,330; Feb. 16.
Screw-driver attachment. H. Topping. 1,573,464; Feb. 16.
Screw jack. A. Johnson. 1,573,611; Feb. 16.
Screw-threaded attaching device. A. C. Webster. 1,573,531; Feb. 16.
Sealing device, Package-. C. W. H. Bolingbroke. 1,573,669; Feb. 16.
Searchlights, Range-limiting device for. J. K. Olsen. 1,573,418; Feb. 16.
Seed grain, Machine for treating. C. C. Calkins. 1,573,142; Feb. 16.
Self-closing case. H. A. Mankameyer. 1,573,264; Feb. 16.
Self-locking cover. I. V. Silveira. 1,573,279; Feb. 16.
Self-righting bucket. H. W. Benton. 1,573,130; Feb. 16.
Separator: *See*—
Centrifugal separator. Storage-battery separator.
Grain separator.
Moisture and vapor separator.
Sewer trap and pipe cleaning device. A. O. Stenwick. 1,573,202; Feb. 16.
Sewing machine. W. Brase. 1,573,138; Feb. 16.
Sewing machine. W. Brase. 1,573,139; Feb. 16.
Sewing machine. H. Corrall and B. A. Stevens. 1,573,225; Feb. 16.
Sewing machine. H. W. Krag. 1,563,617; Feb. 16.
Shade and curtain bracket, Adjustable window. A. Luke. 1,573,260; Feb. 16.
Shade holder. F. C. Hall. 1,573,489; Feb. 16.
Shade roller. S. Hartshorn. 1,573,492; Feb. 16.
Shade support, Window. O. C. Simmons. 1,573,361; Feb. 16.
Shades, Automatic stop roller for. O. E. Edstrom. 1,573,378; Feb. 16.
Shear, Splitting. E. Enderes. 1,573,483; Feb. 16.
Sheet material, Drying apparatus for. W. G. O'Brien. 1,573,775; Feb. 16.
Sheet producing and stacking apparatus. B. S. Penley. 1,573,120; Feb. 16.
Shield. G. Dreese. 1,573,146; Feb. 16.
Shock absorber. M. D. Dominguez. 1,573,229; Feb. 16.
Shock absorber. P. Hanford. 1,573,058; Feb. 16.
Shock absorber. S. G. Lewis and G. W. Daum. 1,573,175; Feb. 16.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,573,118; Feb. 16.
Shoe. H. Bullock. 1,573,299; Feb. 16.
Shoe bottoms, Using or applying sticky, heat-sensitive shoe-bottom filler to. G. H. Maxwell. 1,573,353; Feb. 16.
Shoehorn. H. Martin. 1,573,729; Feb. 16.
Shoemaking. F. E. Toothaker. 1,573,104; Feb. 16.
Shoe rack. W. F. Starck. 1,573,460; Feb. 16.
Shoe-sewing machine. J. H. Reed. 1,572,957; Feb. 16.
Shoes, Manufacture of. F. Ricks. 1,573,124; Feb. 16.
Shoes, Manufacturing. W. A. Withers. 1,573,289; Feb. 16.
Short-circuiting device. G. H. Garcelon. 1,572,917; Feb. 16.
Short-circuiting device. W. H. Himes. 1,572,928–9; Feb. 16.
Sifter, Flour. S. B. Gamble. 1,573,513; Feb. 16.
Sign, Electric. F. Archila. 1,572,874; Feb. 16.
Sign suspension. H. Steckol. 1,573,101; Feb. 16.
Signal: *See*—
Automobile signal. Traffic signal.
Oil-circulation signal.
Signaling circuits. E. D. Johnson and C. W. Green. 1,573,395; Feb. 16.

Signaling system. C. W. Green. 1,573,396; Feb. 16.
Signboard. F. G. Warner. Des. 60,469; Feb. 16.
Siphon. L. Bianchi. 1,573,291; Feb. 16.
Siphon, Brick-supporting thermic. C. G. Hawley. 1,573,548; Feb. 16.
Skein holder. M. D. Clauss. 1,573,220–1; Feb. 16.
Slide projector. E. W. Bergere. 1,573,030; Feb. 16.
Slots, Method of and apparatus for cutting wide. C. J. Coberly. 1,573,301; Feb. 16.
Smelting ores of volatile metals. W. A. Ogg. 1,573,013; Feb. 16.
Smelting volatilizable metals. W. A. Ogg. 1,573,014–5; Feb. 16.
Snow-removing apparatus. J. Potter. 1,573,121; Feb. 16.
Soubbing device. R. S. Lewis. 1,573,555; Feb. 16.
Soldering machine, Can side-seams-. C. H. L. Wilkins. 1,573,107; Feb. 16.
Sole protector, Shoe-. L. D. Keehn. 1,572,935; Feb. 16.
Sole, Shoe. F. E. Church. Des. 69,440–1; Feb. 16.
Solid substances from gases and vapors, more especially blast-furnace gases, Apparatus for separating. E. Dänhardt. 1,572,888; Feb. 16.
Sound amplifier. C. J. Dodge. 1,573,634; Feb. 16.
Sounding device. C. P. McDarment. 1,573,261; Feb. 16.
Spectacle frame. J. Bobrow. Des. 69,435; Feb. 16.
Speed-controlled device, Automatic. O. Alstad. 1,763,621; Feb. 16.
Speed regulator. W. T. Tabb. 1,572,972; Feb. 16.
Spinning viscose. J. C. Hartogs. 1,573,062; Feb. 16.
Splice bar, Stress-balancing. B. G. Braine. 1,573,476; Feb. 16.
Splint, Adjustable. H. T. Brasell. 1,573,296; Feb. 16.
Spring: *See*—
Vehicle spring.
Spring motor. J. A. Lunden. 1,573,556; Feb. 16.
Springs for use in bed bottoms and other places, Connecting. C. B. Platt and W. S. Brown. 1,573,570; Feb. 16.
Stacking machine. J. P. Aldrich and H. A. Morris. 1,573,024; Feb. 16.
Stair construction. S. De Cola and V. E. Clift. 1,573,043; Feb. 16.
Stand: *See*—
Telephone-directory stand.
Static eliminator. G. H. Mahoney. 1,573,414; Feb. 16.
Steam-accumulator plant. J. K. Ruths and N. Persson. 1,572,962–3; Feb. 16.
Steam injector. M. Hard. 1,573,059; Feb. 16.
Steam plants, Steam-accumualtor apparatus for. J. Ruths and N. Persson. 1,572,961; Feb. 16.
Steam trap. J. L. Bernard. 1,573,131; Feb. 16.
Steel, Furnace used in connection with the making of. N. F. Egler. 1,572,912; Feb. 16.
Steel, Manufacturing open-hearth. J. D. Jones and E. E. Litz. 1,573,004; Feb. 16.
Steering gear. J. M. Stone. 1,573,586; Feb. 16.
Steering wheel. J. H. Hammes. 1,572,923; Feb. 16.
Steering-wheel grip. P. F. Gates. 1,572,995; Feb. 16.
Stencil. H. D. Madden. 1,573,082; Feb. 16.
Stocking. A. G. Rappaport. 1,572,956; Feb. 16.
Stoker-dumping grate, Automatic. O. O. Nygaard. 1,572,945; Feb. 16.
Stone, Making artificial. C. Steed. 1,573,425; Feb. 16.
Stop box. J. L. Fritz. 1,573,312; Feb. 16.
Stop watch and dial. C. H. Colvin. 1,572,884; Feb. 16.
Storage and reclaiming system. R. W. Wetherill. 1,573,664; Feb. 16.
Storage battery. R. N. Chamberlain. 1,573,300; Feb. 16.
Storage case. M. E. P. Ward. 1,573,466; Feb. 16.
Stove, Brooder. J. T. Landgraf. 1,573,382; Feb. 16.
Stove, Electric. R. H. MacInnes. 1,573,080; Feb. 16.
Stoves, Oil burner for brooder. F. S. Conner. 1,573,480; Feb. 16.
Straw dispenser. R. B. Gilchrist. 1,573,158; Feb. 16.
Striping duco and the like. S. E. Kayler. 1,573,168; Feb. 16.
Studding, Method and apparatus for molding reenforced-composition. C. A. Peters. 1,573,502; Feb. 16.
Sulky, Racing. J. Huber. 1,573,318; Feb. 16.
Sulphur, Mining. W. C. Averill, jr. 1,573,020; Feb. 16.
Sunshade, Ventilated. L. N. Gross. 1,573,159; Feb. 16.
Superheater and setting therefor. A. D. Pratt. 1,572,954; Feb. 16.
Support. W. F. Holeka. 1,573,343; Feb. 16.
Swab, Swivel. H. R. Standlee. 1,573,585; Feb. 16.
Sweater, Knitted. A. Cohn. Des. 69,442; Feb. 16.
Swing. J. Phoenix. 1,573,357; Feb. 16.
Switch: *See*—
Electric switch. Thermal switch.
Railway switch. Time switch.
Switch box. H. G. Baxter. 1,572,878; Feb. 16.
Switch inclosure or cabinet, Electrical-. B. D. Horton. 1,573,710; Feb. 16.
Switch mechanism. H. K. Krantz. 1,572,938; Feb. 16.
Tackle. W. H. Hoborst. 1,573,245; Feb. 16.
Tag holder, Price-. D. Garfinkle. 1,572,994; Feb. 16.
Tailblock equipment. R. H. Beaumont. 1,573,778; Feb. 16.
Talking machine. G. W. Lawrence. 1,573,348; Feb. 16.
Tars and oils, Method and apparatus for continuous distillation of. E. Blümner. 1,573,370; Feb. 16.
Teapot or similar article. H. Trischler. Des. 69,467; Feb. 16.
Telegraphone. J. C. Papadopoulos. 1,573,740; Feb. 16.
Telephone-directory stand. M. H. Mann. 1,573,560; Feb. 16.
Telephone-exchange automatic switching system. E. A. Mellinger. Re16,268; Feb. 16.
Telephone-mouthpiece disinfector. P. S. O'Donnell. 1,573,012; Feb. 16.
Telephone receiver. D. Wald. 1,573,754; Feb. 16.
Telephone receivers, Diaphragm for. E. H. Rollison. 1,573,276; Feb. 16.
Telephone system. E. von Nostitz. 1,572,977; Feb. 16.
Telephonic device. J. H. O'Neill. 1,573,739; Feb. 16.
Temperature records and obtaining the records, Article containing visible. C. T. Fuller. 1,573,601; Feb. 16.
Tennis and other playing ball. R. Russell and H. Broomfield. 1,573,093; Feb. 16.
Tent construction. C. B. Leffert. 1,572,939; Feb. 16.
Test fitting. F. E. McCabe and M. L. Roshetko. 1,573,410; Feb. 16.
Testing machine. W. C. Moran. 1,573,521; Feb. 16.
Testing system to test automatic switches, Automatic. H. W. MacDougall. 1,573,413; Feb. 16.
Testing system to test automatic switches, Automatic. H. W. MacDougall and A. S. Bertels. 1,573,412; Feb. 16.
Textile fabric. T. W. Estes. Des. 69,444; Feb. 16.
Textile-preparing machinery, Supply-controlling means for. A. F. Horman. 1,573,709; Feb. 16.
Thermal switch. O. A. Colby. 1,572,990; Feb. 16.
Thermatologic electrode. T. Kobayashi. 1,573,116; Feb. 16.
Thermionic device. A. L. Wilson. 1,572,910; Feb. 16.
Thermionic modulator. J. S. Stone. 1,573,282; Feb. 16.
Thermostat control. O. Schwimmer. 1,572,969; Feb. 16.
Thimbles, Addition to sewing. C. E. Iles. 1,573,715; Feb. 16.
Thrashing machine. W. C. McCullough. 1,573,178; Feb. 16.
Thread, Process and apparatus for the manufacture of artificial. E. Prince. 1,572,955; Feb. 16.
Tickets or labels, Machine for the manufacture of. E. Caudrelier. 1,573,677; Feb. 16.
Tie: *See*—
Package tie.
Tile. C. D. Geese. 1,572,919; Feb. 16.
Tire-inflating device. J. F. MacDonald. 1,573,725; Feb. 16.
Tire tool. R. Rutz. 1,573,581; Feb. 16.
Tire-valve-casing cap. F. C. Hughes. 1,573,495; Feb. 16.
Tires, Manufacturing cushion. J. M. Hibner. 1,573,391; Feb. 16.
Toilet-seat cover. P. J. Lemmer. 1,573,619; Feb. 16.
Tones, Intensifying reproduced. J. Mersman. 1,573,265; Feb. 16.
Tong. J. D. Nixon. 1,573,267; Feb. 16.
Tongs and wrench, Tubing. T. L. Lynch and L. P. Nicholson. 1,573,409; Feb. 16.
Tongs, Lifting. J. Madden. 1,573,263; Feb. 16.
Tongs, Pipe. H. C. Brewster. 1,572,986; Feb. 16.
Top, Sounding spinning. L. Marx. 1,573,084; Feb. 16.
Towing fixture, Drive-a-way. W. P. Fleming. 1,572,914; Feb. 16.
Toy, Aerial projectile. M. D. Love. 1,573,076; Feb. 16.
Toy and exerciser, Child's. C. D. Stovall. 1,573,362; Feb. 16.
Toy dish playing set. C. S. Raizen. 1,573,190; Feb. 16.
Toy, Electrical. H. J. Rank. 1,573,122; Feb. 16.
Toy golf game. B. P. Mendes and J. L. Lanners. 1,573,415; Feb. 16.
Toy, Grab-bucket-crane. L. Strohacker. 1,573,203; Feb. 16.
Tractor. C. W. McKinley. 1,572,943; Feb. 16.
Tractors and the like, Detachable lug for. C. L. Loffler. 1,572,895; Feb. 16.
Traffic signal. O. R. Strawn. 1,573,363; Feb. 16.
Transformer. L. G. McClintock. 1,573,077; Feb. 16.
Transmission device. F. D. Wilson and L. S. Burns. Re16,266; Feb. 16.
Transmission dynamometer. J. W. Legg. 1,572,940; Feb. 16.
Transplanting machine, Hand. C. Kennedy. 1,573,768; Feb. 16.
Transporting device for boxes or the like. G. C. Ekstrom. 1,573,232; Feb. 16.
Trap: *See*—
Animal trap. Steam trap.
Trap. J. H. Grove. 1,573,704; Feb. 16.
Tray or similar article. E. A. Farr. Des. 69,445; Feb. 16.
Tripod. T. A. Jansson and C. A. Bornmann. 1,573,496; Feb. 16.
Trocar. J. G. Daireaux. 1,573,681; Feb. 16.
Trolley-conductor device. W. Schaake. 1,572,965; Feb. 16.
Trolley conveyer. J. E. McBride. 1,572,941; Feb. 16.
Trolley pole. C. C. Owens and R. L. Hermann. 1,572,946; Feb. 16.
Trolley pole, Tramway. M. Henderson. 1,573,001; Feb. 16.
Trolley wheel. D. MacLean. 1,573,008; Feb. 16.
Trolling gear. A. W. Wilson. 1,573,288; Feb. 16.
Trousers, Football. W. P. Whitley and R. C. Zuppke. 1,573,212; Feb. 16.

Truck. H. O. Scranton. 1,573,329; Feb. 16.
Truck. H. C. Wood. 1,573,365; Feb. 16.
Truck, Adjustable plural-deck. W. J. Laffey. 1,573,172; Feb. 16.
Truck, Dump. P. E. Barker. 1,572,876; Feb. 16.
Truck, Laundry. P. R. Syers. 1,572,971; Feb. 16.
Truck-moving apparatus. G. C. Friesen. 1,573,388; Feb. 16.
Trunk, Wardrobe. K. A. Diekelmann. 1,573,306; Feb. 16.
Tube: *See*—
X-ray tube.
Tube closure, Collapsible. C. C. Warth. 1,573,338; Feb. 16.
Tube-forming machine. J. D. Reifsnyder. 1,573,573–4; Feb. 16.
Tule and sod scraper. E. E. Brannon. 1,573,137; Feb. 16.
Turbines, Governing mechanism for. W. Kieser. 1,573,781; Feb. 16.
Turpentine substitute and process of manufacturing. C. C. Monger. 1,572,902; Feb. 16.
Type bar. E. G. Robeson. Re16,263; Feb. 16.
Typewriter, Power-operated. M. Schulze. 1,573,751; Feb. 16.
Typewriting machine. G. G. Going. 1,573,544; Feb. 16.
Typewriting machine. J. Lindburg. 1,573,407; Feb. 16.
Typewriting machine. J. A. B. Smith. 1,572,904; Feb. 16.
Typewriting machine. J. A. B. Smith. 1,573,331; Feb. 16.
Typewriting machine. J. A. B. Smith. 1,573,424; Feb. 16.
Twisting device. W. B. Taylor. 1,572,907; Feb. 16.
Unhairing machines, Suction device for. N. M. Reingold. 1,573,575; Feb. 16.
Universal joint. G. L. Tarbox and C. W. Spicer. 1,573,587; Feb. 16.
Vacuum cleaner. S. McClatchie. 1,573,771–2; Feb. 16.
Vacuum cleaners and the like, Handle for. E. W. Wiehle. 1,573,467; Feb. 16.
Vacuum tubes, Manufacture of. W. G. Houskeeper. 1,573,317; Feb. 16.
Valve. P. G. Darling. 1,573,304; Feb. 16.
Valve. A. Dumont. 1,573,688; Feb. 16.
Valve. C. W. Larner. 1,573,074; Feb. 16.
Valve. J. C. McNab. 1,573,520; Feb. 16.
Valve. A. F. Pieper. 1,573,786; Feb. 16.
Valve. I. H. Russell. 1,573,092; Feb. 16.
Valve and carbon remover therefor, Rotary. J. F. Norton. 1,573,325; Feb. 16.
Valve and oil gauge, Combined crank-case drain. G. S. Wolf. 1,573,213; Feb. 16.
Valve attachment. H. Mays. 1,573,730; Feb. 16.
Valve, Distant-operated. J. M. Williams, jr., and R. F. Fischer. 1,573,287; Feb. 16.
Valve for deep wells, Relief. C. S. Swaim. 1,573,021; Feb. 16.
Valve for rock drills. F. M. Slater. 1,573,457; Feb. 16.
Valve, Gate. A. Böttner. 1,572,984; Feb. 16.
Valve lifter. O. Maurer. 1,573,773; Feb. 16.
Valve or stop valve, Steam-cut-off. A. Böttner. 1,572,985; Feb. 16.
Valve, Rotary. R. Wehr. 1,573,022; Feb. 16.
Valve, Seat-controlled toilet flush and intake. C. H. Gunn. 1,573,160; Feb. 16.
Valve, Shut-off discharge. W. W. Sanders. 1,572,964; Feb. 16.
Valve-stem silencer. G. Lehmann, jr. 1,573,075; Feb. 16.
Valve, Stop. B. T. Williston. 1,573,108; Feb. 16.
Valve, Superheated-steam throttle. A. W. Bruce. 1,573,540; Feb. 16.
Vapor-feed means. I. Cowles. 1,573,780; Feb. 16.
Vehicle bumper. G. A. Lovett. 1,573,642; Feb. 16.
Vehicle fender. J. B. Henry. 1,573,243; Feb. 16.
Vehicle, Motor. J. Hammerl. 1,573,241; Feb. 16.
Vehicle, Motor. J. Ledwinka. 1,573,117; Feb. 16.
Vehicle spring. J. C. Gilardone. 1,573,052; Feb. 16.
Vehicle-top construction. W. Marshall. 1,573,180; Feb. 16.
Vehicle tops, Window control for. S. S. Albright. 1,573,473; Feb. 16.
Vehicles, Anchorage device for. W. W. Blakely. 1,573,441; Feb. 16.
Vehicles, Controlling the operation of motor. A. K. Brumbaugh. 1,573,628; Feb. 16.
Vehicles, Drive for motor. A. D. Robbins. 1,572,903; Feb. 16.
Vehicles, Lubricating system for motor. F. L. Baker. 1,573,127; Feb. 16.
Vehicles, Oil tube for motor. H. C. Karstens. 1,572,934; Feb. 16.
Vehicles, Safety fender for motor. J. Yanovich and J. Hrusecky. 1,573,471; Feb. 16.
Vehicles, Signal device for motor. H. C. Evelyn. 1,573,638; Feb. 16.
Vehicles, Spring mounting for motor. H. E. Curtis. 1,573,633; Feb. 16.
Vehicles, Spring suspension for motor. C. H. Smith. 1,573,583; Feb. 16.
Vehicles, Wheel-puller for motor. F. W. Rees. 1,573,572; Feb. 16.
Vending machine. R. C. Bradley. 1,573,037; Feb. 16.
Vending machine. G. A. Johnston. 1,573,517; Feb. 16.
Veneer, Method of and apparatus for drying wood. A. Elmendorf. 1,573,379; Feb. 16.
Vessel, Suspension. I. Isaachsen. 1,573,716; Feb. 16.
Visual images, Apparatus for the electrical transmission of. P. L. Clark. 1,572,989; Feb. 16.
Voltage-limiting device. R. K. Honaman. 1,573,068; Feb. 16.
Washing machine. J. A. Dickerman and H. V. Leckie. 1,573,542; Feb. 16.
Washing machine. A. E. Fisher and J. A. Storm. 1,573,640; Feb. 16.
Washing machine. H. W. Landwehr. 1,573,173; Feb. 16.
Washing machine. K. P. A. Schultz and L. Wuest. 1,573,423; Feb. 16.
Washing machines, Door-closing mechanism for dry-cleaning. G. W. Wilson. 1,573,666; Feb. 16.
Waste, Lubricating. A. D. Wyckoff. 1,573,214; Feb. 16.
Watchcase and making same. C. W. Bieser. 1,573,134; Feb. 16.
Water conductor. T. J. Stebbins. 1,573,199; Feb. 16.
Water gauge illuminator and protector, Combined. W. J. Hill, S. J. Lupton, and F. E. Collinson. 1,573,342; Feb. 16.
Water-level indicator. R. Klinger. 1,573,719; Feb. 16.
Water, Softening. M. F. Newman. 1,572,944; Feb. 16.
Weapons, Rear sight for high-velocity. J. W. Harkom. 1,573,515; Feb. 16.
Wedding ring. G. S. Bowden. Des. 69,436; Feb. 16.
Weed cutter. R. F. Black. 1,573,034; Feb. 16.
Weed puller. M. T. Coelho. 1,573,222; Feb. 16.
Welding apparatus. P. D. Shoenberger. 1,573,360; Feb. 16.
Welding process. L. Gizienski. 1,572,921; Feb. 16.
Well-casing protector. W. I. Bettis and L. H. Perry. 1,573,031; Feb. 16.
Well-drilling machines, Hook for. L. M. Jordan. 1,573,444; Feb. 16.
Well tubing preparatory to pulling same, Means for draining. W. H. McKissick. 1,573,411; Feb. 16.
Wells, Gas anchor for pumping. J. R. Gignoux and T. E. Swigart. 1,573,051; Feb. 16.
Wheel: *See*—
Disk wheel. Trolley wheel.
Steering wheel.
Wheel. O. E. Wilson. 1,573,667; Feb. 16.
Wheel assembly. L. Blackmore and L. M. Spencer. 1,573,671; Feb. 16.
Wheel rim, Demountable. L. R. Rosenbaum. 1,573,746; Feb. 16.
Window casing. C. H. Richards. 1,573,452; Feb. 16.
Window hangings, Multiple-rod support for. L. H. Robinson. 1,573,644; Feb. 16.
Window hangings, Supporting bracket for. K. H. Whitney. 1,573,286; Feb. 16.
Window lock. R. V. Warga. 1,573,662; Feb. 16.
Window, Metal casement. C. S. Bock. 1,573,538; Feb. 16.
Window screen. W. L. Wright. 1,573,756; Feb. 16.
Windows, Friction adjuster for screened. E. J. Sibley. 1,573,455; Feb. 16.
Windows, Protecting shield for bank and other. J. C. Lucas. 1,573,770; Feb. 16.
Windshield cleaner. C. F. Laganke. 1,573,618; Feb. 16.
Windshield cleaners and the like, Reciprocating mechanism for. J. Demand. 1,573,541; Feb. 16.
Windshield, Tonneau. C. L. and J. F. Miller. 1,573,086; Feb. 16.
Windshields, Heating device for automobile. W. C. Magranis and F. G. Chase. 1,573,727; Feb. 16.
Wire binding or tying apparatus. E. A. Ingold. 1,573,516; Feb. 16.
Wireless receiving apparatus. M. C. Batsel. 1,572,877; Feb. 16.
Wireless signaling, Transmitting arrangement for. M. Osnos. 1,573,789; Feb. 16.
Work support. T. Durrance. 1,573,045; Feb. 16.
Wrench: *See*—
Monkey wrench.
Writing machine. F. L. Taylor and C. E. Lundberg. 1,573,205; Feb. 16.
X-ray transradiation, Table for. E. Pohl. 1,573,571; Feb. 16.
X-ray tube. C. C. Van Voorhis. 1,573,105; Feb. 16.
Yoke. B. W. Kadel. 1,573,249; Feb. 16.
Zinc-sulphate solutions, Treating. R. B. Eldredge. 1,573,233; Feb. 16.

CLASSIFICATION OF PATENTS

FEBRUARY 16, 1926.

NOTE.—First number=class, second number=subclass, third number=patent number.

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271— 86: 1,573,414
272— 57: 1,573,362
273— 43: 1,573,643
61: 1,573,068
80: 1,573,707
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33.55: 1,573,329
63: 1,573,318
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111: 1,573,008

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Abbott Grocery Co., Keene, N. H. Canned vegetables and fruit. 54,400; renewed June 26, 1926.

Ackerman, Simon, Clothes, Inc., New York, N. Y. Suits and topcoats. 209,468; Feb. 23; Serial No. 221,683; published Dec. 1, 1925.

Adam, J. N., & Co., Buffalo, N. Y. Hosiery. 209,386; Feb. 23; Serial No. 221,732; published Dec. 1, 1925.

Aktiengesellschaft Chocolat Tobler, Berne, Switzerland. Chocolate. 209,621; Feb. 23.

Alfred Benjamin Co. (See Blum, Samuel.)

Aloe, A. S., Co., St. Louis, Mo. Combined chairs and operating tables for doctors' and surgeons' use. 209,618; Feb. 23.

Aloe, A. S., Co., St. Louis, Mo. Operating tables for doctors' and surgeons' use. 209,619; Feb. 23.

Altman, B., & Co., New York, N. Y. Ladies' hats. 209,483; Feb. 23; Serial No. 221,045; published Dec. 1, 1925.

Amalgamated Paint Company, New York, N. Y. Flat wall paints. 209,583; Feb. 23; Serial No. 219,511; published Nov. 10, 1925.

American Agricultural Chemical Company, The. (See Michigan Carbon Works, assignor.)

American Dyewood Co., Philadelphia, Pa.; American Dyewood Co., New York, N. Y. Manufactured colors for printing and dyeing. 54,094; renewed June 19, 1926.

Ames Shovel and Tool Company. (See St. Louis Shovel Co., assignor.)

Andrews Lead Company, Inc., The, New York, N. Y. Lead oxide. 209,342; Feb. 23; Serial No. 215,675; published Nov. 3, 1925.

Ansco Photoproducts, Inc., Binghamton, N. Y. Photographic mounts and albums. 209,321; Feb. 23; Serial No. 219,796; published Dec. 1, 1925.

Ansonia Clock Company, The, Ansonia, Conn., and New York, N. Y. Clocks. 49,731; renewed Feb. 13, 1926.

Ansted & Burk Co., The, Springfield, Ohio. White table meal and yellow table meal. 209,566; Feb. 23; Serial No. 220,332; published Dec. 1, 1925.

Armstrong Cork Company, Lancaster, Pa. Linoleum. 209,460; Feb. 23; Serial No. 221,583; published Dec. 1, 1925.

Arrow Emblem Co. (See Phoenix Jewelry Co.)

Atlantic Lithographic and Printing Company, New York, N. Y. Lithographic prints. 209,508; Feb. 23; Serial No. 220,014; published Dec. 8, 1925.

Autry Motor Company, Dallas, Tex. Combined fender braces and headlight supports. 209,497; Feb. 23; Serial No. 209,610; published Dec. 8, 1925.

Baker Motors, Inc., Erie, Pa. Rotary steam engines. 209,495; Feb. 23; Serial No. 202,275; published Dec. 15, 1925.

Bamberger, L., & Company, Newark, N. J. Household furniture. 209,440; Feb. 23; Serial No. 204,295; published Nov. 17, 1925.

Bang Service Stations, Inc., Mount Vernon, assignor to Galena-Signal Oil Co. (of Texas), New York, N. Y. Lubricants. 209,444; Feb. 23; Serial No. 207,168; published Nov. 24, 1925.

Barbour, Perley E., doing business as Barbour Welting Company, Montello Station, Brockton, Mass. Welting for boots and shoes. 209,377; Feb. 23; Serial No. 220,838; published Nov. 17, 1925.

Barbour, Perley E., doing business as Barbour Welting Company, Montello Station, Brockton, Mass. Welting for fine shoes. 209,604; Feb. 23; Serial No. 220,060; published Nov. 17, 1925.

Beck, Louis, New York, N. Y. Cloth hats and caps. 209,615; Feb. 23.

Belflex Corporation, The, New York, N. Y. Pivot shackles, tension shackles, radius-rod anchors, etc. 209,507; Feb. 23; Serial No. 219,870; published Dec. 8, 1925.

Belgian Trading Company, Inc., New York, N. Y. Vanilla extract. 209,582; Feb. 23; Serial No. 219,471; published Dec. 1, 1925.

Bendix & Fiber, Inc., New York, N. Y. Silk piece goods. 209,500; Feb. 23; Serial No. 212,666; published Sept. 29, 1925.

Bentzel, John E., Palmyra, Pa. Hosiery. 209,641; Feb. 23.

Better Health Company, Smyrna, Del. Laxative. 209,521; Feb. 23; Serial No. 221,474; published Dec. 1, 1925.

Bigelow-Hartford Carpet Company. (See Hartford Carpet Corporation.)

Bingham & Co., New York, N. Y. Straw hats for men. 209,309; Feb. 23; Serial No. 217,499; published Dec. 1, 1925.

Bird, F. W., & Son, Walpole, assignor to Bird & Son, Inc., East Walpole, Mass. Roof and building paper. 52,087; renewed May 1, 1926.

Black & White Milling Company, East St. Louis, Ill. Cereals and cereal products. 209,564; Feb. 23; Serial No. 220,284; published Dec. 1, 1925.

Blackwood Coal and Coke Company, Blackwood, Va., and Spartanburg, S. C. Coal. 209,609–11; Feb. 23.

Blanke, C. F., Candy Co., Branch of C. F. Blanke Tea & Coffee Co., St. Louis, Mo. 209,391–2; Feb. 23; Serial Nos. 222,001–2; published Dec. 1, 1925.

Blankenburg, R. & Co., assignor to The R. Blankenburg Company, Philadelphia, Pa. Woolen and worsted yarn. 54,321; renewed June 26, 1926.

Blue Valley Creamery Company, St. Joseph, Mo.; Blue Valley Creamery Company, Wilmington, Del., and Chicago, Ill. Butter. 53,240; renewed May 29, 1926.

Blum, Samuel, doing business as Alfred Benjamin Co., New York, N. Y. Overcoats and suits. 209,640; Feb. 23.

Boera Bros., New York, N. Y. Hats. 209,330; Feb. 23; Serial No. 220,594; published Dec. 1, 1925.

Bonan, Salvator, New York, N. Y. Knitted neckties and mufflers. 209,553; Feb. 23; Serial No. 205,987; published Jan. 13, 1925.

Bonwit Teller & Co., New York, N. Y. Hosiery. 209,469–70; Feb. 23; Serial Nos. 221,691–2; published Dec. 1, 1925.

Borchers, Frederick, Sioux City, Iowa. Medicine for pyorrhea and ailments of the oral tissues. 209,514; Feb. 23; Serial No. 222,003; published Dec. 1, 1925.

Bouquet-Brownson Co., Inc., St. Paul, Minn. Polish for furniture, woodwork, etc. 209,587; Feb. 23; Serial No. 219,712; published Nov. 24, 1925.

Bozeman Canning Co., Bozeman, Mont. Canned peas. 209,598; Feb. 23; Serial No. 219,932; published Dec. 1, 1925.

Bozeman Canning Co., Bozeman, Mont. Canned peas. 209,620; Feb. 23.

Bradford Oil Company, Palmer, Mass. Fuel for internal-combustion engines. 209,638; Feb. 23.

Bradley, C. Goodwin, Incorporated, Syracuse, N. Y. Spring oilers. 209,424; Feb. 23; Serial No. 220,596; published Nov. 17, 1925.

Breslaw, William, Yonkers, N. Y. Antiseptic and astringent remedy. 209,515; Feb. 23; Serial No. 222,009; published Dec. 1, 1925.

Brioschi, Achille, & Co. Inc., New York, N. Y. Effervescent beverage salts. 209,207–8; Feb. 23; Serial Nos. 222,908–9; published Dec. 15, 1925.

Bristol-Myers Company, Brooklyn; Bristol-Myers Company, New York, N. Y. Medicinal preparations, in liquid and solid form for internal use. 53,030; renewed May 22, 1926.

Brown-Durrell Co., New York, N. Y. Stockings. 209,472; Feb. 23; Serial No. 221,736; published Dec. 1, 1925.

Bruce, William G., Milwaukee, Wis. Monthly magazine. 52,316; renewed May 8, 1926.

Burde, Max, New York, N. Y. Medical preparation used as a laxative. 209,528; Feb. 23; Serial No. 222,107; published Dec. 1, 1925.

Burrow Wholesale Grocer Co., Pocahontas, Ark. Sirup for table purposes, coffee, and cocoa. 209,453; Feb. 23; Serial No. 215,890; published Nov. 24, 1925.

Cadmus, Fred F., doing business as The Dallas Hat Manufactring Company, Dallas, Tex. Women's and children's hats. 209,422; Feb. 23; Serial No. 220,214; published Nov. 24, 1925.

California Almond Growers Exchange, San Francisco, Calif. Almond paste composition. 209,400; Feb. 23; Serial No. 198,285; published Nov. 24, 1925.

California Fig Syrup Co., San Francisco, Calif., assignor to Sterling Products (Incorporated), Wheeling, W. Va. Liquid purgative compounds. 49,561; renewed Feb. 18, 1926.

California Packing Corporation. (See Griffin & Skelley Co., assignors.)

Canepa, John B., Company, The, Chicago, Ill. Cereal paste goods. 50,060; renewed Feb. 27, 1926.

Canepa, John B., Company, The, Chicago, Ill. Cereal paste goods. 50,396; renewed Mar. 13, 1926.

Capewell Horse Nail Company, The, Hartford, Conn. Horse nails. 50,450; renewed Mar. 20, 1926.

Capewell Horse Nail Company, Hartford, Conn. Horse nails. 51,221; renewed Apr. 10, 1926.

Carew Manufacturing Company, South Hadley Falls, Mass. Writing and printing paper and mailing envelopes. 209,487; Feb. 23; Serial No. 221,165; published Dec. 1, 1925.

Carnation Milk Products Company. (See Pacific Coast Condensed Milk Co., assignor.)

Carolina Casket Company, High Point, N. C. Caskets and coffins. 209,383; Feb. 23; Serial No. 221,349; published Dec. 1, 1925.

Cattaraugus Cutlery Co., Little Valley, N. Y. Sheath knife. 209,517; Feb. 23; Serial No. 220,995; published Dec. 15, 1925.

Cattaraugus Cutlery Co., Little Valley, N. Y. Hunting knife. 209,542; Feb. 23; Serial No. 220,994; published Dec. 15, 1925.

Cavalieri, Lina, Neuilly-sur-Seine, France. Toilet and face soaps. 209,306; Feb. 23; Serial No. 216,710; published Nov. 24, 1925.

Chase, L. C., & Company, Boston, Mass. Textile fabric coated with rubber or waterproof surface coating. 209,318; Feb. 23; Serial No. 219,272; published Dec. 1, 1925.

Chattanooga Paint Co., Chattanooga, Tenn. Mineral coloring matter for mortar and bricks. 53,949; renewed June 19, 1926.

Chemical Foundation, Incorporated, The. (See Ferdinand Sichel Chemische Fabrik Limmer, assignor.)

Chickee Company, New York, N. Y. Face creams, rouges, hair tonics, etc. 209,466; Feb. 23; Serial No. 221,659; published Dec. 1, 1925.

Chicle Products Company, The, Newark, N. J. Candy. 209,573; Feb. 23; Serial No. 220,496; published Dec. 1, 1925.

Cleveland & Whitehill Company, Newburgh, N. Y. Oversails, aprons, coats, and pants. 50,743; renewed Mar. 27, 1926.

Cluett, Peabody & Co. Inc., Troy, N. Y. Collars. 209,340; Feb. 23; Serial No. 215,233; published Dec. 1, 1925.

Cohn Hall Marx Co., New York, N. Y. Cotton piece goods. 209,476; Feb. 23; Serial No. 220,760; published Dec. 1, 1925.

Cokal Stoker Corporation, Chicago, Ill. Coal furnaces. 209,581; Feb. 23; Serial No. 219,274; published Nov. 17, 1925.

Colgate & Company, Jersey City, N. J. Shaving soap and shaving sticks. 209,299; Feb. 23; Serial No. 213,390; published Dec. 1, 1925.

Collins Company, The, Collinsville, Conn. Axes, hatchets, and adzes. 50,481; renewed Mar. 20, 1926.

Colombo Commercial Company, Ltd., London, England, and Colombo, Ceylon. Tea. 209,588; Feb. 23; Serial No. 219,716; published Dec. 1, 1925.

Colombo Commercial Company, Ltd., London, England, and Colombo, Ceylon. Tea. 209,589; Feb. 23; Serial No. 219,718; published Dec. 1, 1925.

Colombo Commercial Company, Ltd., London, England, and Colombo, Ceylon. Tea. 209,590–5; Feb. 23; Serial Nos. 219,720–5; published Dec. 1, 1925.

Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Dish, silver, and glass cleaning machines and metal-parts-cleaning machines. 209,512; Feb. 23; Serial No. 220,596; published Dec. 15, 1925.

Columbus Shirt Company, Chicago, Ill. Men's shirts and women's shirt waists. 209,484; Feb. 23; Serial No. 221,096; published Dec. 1, 1925.

Combs, Lula, Greenville, Miss. Hairdressing. 209,635; Feb. 23.

Commonwealth Steel Company, St. Louis, Mo. Vehicle parts. 209,361; Feb. 23; Serial No. 218,051; published Nov. 24, 1925.

Cook's, Adam, Sons, assignor to New York Lubricating Oil Company, New York, N. Y. Lubricating grease. 52,547; renewed May 15, 1926.

Corte Publishing Company, New York, N. Y. Monthly magazine. 209,534; Feb. 23; Serial No. 222,221; published Dec. 1, 1925.

Cosgrove Bros. Inc. (See Leland Corporation, The, assignor.)

Couch Brothers & J. J. Eagan Co., assignor to Couch Bros. Manufacturing Co., Atlanta and East Point, Ga. Collars, collar pads, and backbands. 50,927; renewed Apr. 3, 1926.

Crane-Kent Clothes Inc., Cincinnati, Ohio. Coats, trousers, vests, and suits. 209,477; Feb. 23; Serial No. 220,762; published Dec. 1, 1925.

Crawfordsville Wire & Nail Co., Crawfordsville, Ind. Wire fence. 209,537; Feb. 23; Serial No. 222,309; published Dec. 1, 1925.

Cream City Candy Company, Milwaukee, Wis. Candy. 209,639; Feb. 23.

Creighton, Albert M., Lynn, Mass. Shoes. 209,375; Feb. 23; Serial No. 220,705; published Nov. 17, 1925.

Crystal-Lee, Inc., New York, N. Y. Face powders, face creams, perfumes, rouges, etc. 209,516; Feb. 23; Serial No. 222,014; published Dec. 1, 1925.

Curtis Publishing Company, The, Philadelphia, Pa. Periodicals issued monthly. 209,532; Feb. 23; Serial No. 221,880; published Dec. 1, 1925.

D. & W. Fuse Co., Providence, R. I. Electric switches and parts thereof and mountings and enclosures therefor. 52,844; renewed May 22, 1926.

Dallas Hat Manufacturing Company, The. (See Cadmus, Fred F.)

Darce, Coldon J., Jeanerette, La. Food-flavoring extracts. 209,479; Feb. 23; Serial No. 220,888; published Dec. 1, 1925.

Davis Paint Company, Kansas City, Mo. Ready-mixed paint. 209,369; Feb. 23; Serial No. 218,953; published Nov. 10, 1925.

Davison, Alvah, New York, N. Y. Annual publication. 209,456; Feb. 23; Serial No. 221,410; published Dec. 1, 1925.

Delton & Pashen, New York, N. Y. Vegetable dressing for salads, etc. 209,355; Feb. 23; Serial No. 217,671; published Dec. 1, 1925.

De Soto Paint Manufacturing Co., Memphis, Tenn. Varnish and ready-mixed paints. 209,407; Feb. 23; Serial No. 203,076; published Nov. 3, 1925.

Diamond Compound Company, Newark and Harrison, N. J., assignor, by mesne assignments, to Swan-Finch Oil Corporation, New York, N. Y. Lubricating grease and oils. 46,766; renewed Oct. 10, 1925.

Dickie-Raymond, Boston, Mass. House organ published monthly. 209,419; Feb. 23; Serial No. 213,625; published Dec. 1, 1925.

Dickinson, E. E., Co., The, Essex, Conn. Extract of witch-hazel. 209,362; Feb. 23; Serial No. 218,054; published Oct. 27, 1925.

Dixie Underwear Co., Inc., Montgomery, Ala. Underwear and hosiery. 209,382; Feb. 23; Serial No. 221,098; published Dec. 1, 1925.

Doherty-Wadsworth Co., The, Paterson, N. J. Silk piece goods. 209,461; Feb. 23; Serial No. 221,599; published Dec. 1, 1925.

Donahue, Edw. J., Chicago, Ill. Shoes made of leather only. 209,555; Feb. 23; Serial No. 207,181; published Dec. 1, 1925.

Dorman, Carrie V., Washington, D. C. Remedy for croup, coughs, and bronchial affections. 53,594; renewed June 5, 1926.

Dorn Oil Company, Cleveland, Ohio. Gasoline and kerosene. 209,434; Feb. 23; Serial No. 183,260; published Nov. 10, 1925.

Doubleday, Page & Co., Garden City, N. Y. Monthly magazine. 209,448; Feb. 23; Serial No. 213,012; published Nov. 17, 1925.

Dough-Boy Dough-Saver Series Company, St. Louis, Mo. Series of fanciful pictures. 209,548; Feb. 23; Serial No. 201,838; published Dec. 1, 1925.

Dryden Rubber Company, Chicago, Ill. Soles for shoes. 209,551; Feb. 23; Serial No. 204,091; published Dec. 1, 1925.

Dudley, Harry J., Cincinnati, Ohio. Shoes. 209,559; Feb. 23; Serial No. 210,449; published Dec. 1, 1925.

Duffus Silver Fox Corporation, New York, N. Y. Live foxes and fox pelts. 209,341; Feb. 23; Serial No. 215,558; published Nov. 3, 1925.

Durable Rubber Corporation, Detroit, Mich. Shoe heels. 209,409; Feb. 23; Serial No. 210,368; published Nov. 17, 1925.

Duro Pump and Manufacturing Company, The, Dayton, Ohio. Filters and water-softening apparatus. 209,574; Feb. 23; Serial No. 220,508; published Dec. 1, 1925.

Eichler, John, Brewing Co., The, New York, N. Y. Beer. 48,728; renewed Jan. 9, 1926.

Endicott Johnson Corporation, Endicott, N. Y. Rubber and leather shoes. 209,333; Feb. 23; Serial No. 213,123; published Nov. 17, 1925.

Fairclough & Gold, Inc., Boston, Mass. Serim. 209,543; Feb. 23; Serial No. 216,033; publication waived.

Famous Features Syndicate, Inc., New York, N. Y. Newspaper feature articles. 209,535; Feb. 23; Serial No. 222,230; published Dec. 1, 1925.

Feist, Leo, assignor to Leo Feist, Inc., New York, N. Y. Sheet music and music books. 54,074; renewed June 19, 1926.

Ferdinand Sichel Chemische Fabrik Limmer, Limmer by Hannover, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Uniting agents for colors. 51,505; renewed Apr. 17, 1926.

Field, Allan J., doing business as A. J. Field Paint Company, Newark, N. J. Mixed paint, paint enamels, pigments in oil (paste), and varnishes. 209,371; Feb. 23; Serial No. 219,115; published Nov. 17, 1925.

Field, Allan J., doing business as A. J. Field Paint Company, Newark, N. J. Mixed paints, paint enamels, pigments in oil, and varnishes. 209,421; Feb. 23; Serial No. 219,116; published Nov. 17, 1925.

Field, Allan J., doing business as A. J. Field Paint Co., Newark, N. J. Mixed paints, paint enamels, pigments in oil (paste), and varnishes. 209,579; Feb. 23; Serial No. 219,117; published Nov. 17, 1925.

Field and Flint Co. (See Packard & Field, assignors.)

Firch Baking Company, Inc., Erie, Pa. Bread. 209,346; Feb. 23; Serial No. 216,384; published Dec. 1, 1925.

Fischer, Haydn L., doing business as Sugar-Lax Products Co., Not Inc., Kewanee, Ill. Laxatives. 209,393; Feb. 23; Serial No. 215,741; published Oct. 27, 1925.

Fleischmann Co., The; The Fleischmann Company, Cincinnati, Ohio, and New York, N. Y. Compressed yeast. 53,000; renewed May 22, 1926.

Flint & Walling Mfg. Company, Kendallville, Ind. Horse powers, windlasses, vises, grinding mills, etc. 209,509; Feb. 23; Serial No. 220,066; published Dec. 15, 1925.

Florence Manufacturing Company, assignor to Pro-phylac-tic Brush Company, Northampton, Mass. Toothbrushes. 53,373–4; renewed June 5, 1926.

Florence Manufacturing Company, assignor to Pro-phylac-tic Brush Company, Northampton, Mass. Toothbrushes. 53,546; renewed June 5, 1926.

Forest Department of the Federated Malay States Government, The, Kuala Lumpur, Federated Malay States. Resin. 209,348; Feb. 23; Serial No. 216,672; published Nov. 10, 1925.

Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 209,471; Feb. 23; Serial No. 221,698; published Dec. 1, 1925.

Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 209,492; Feb. 23; Serial No. 221,310; published Dec. 1, 1925.

Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 209,493; Feb. 23; Serial No. 221,312; published Dec. 1, 1925.

Fort Company, The, assignor to General Seafoods Corporation, Gloucester, Mass. Canned fish. 209,404; Feb. 23; Serial No. 201,230; published Dec. 1, 1925.

Fortune Products Company, Chicago, Ill. Chocolate coatings for edible substances. 209,577; Feb. 23; Serial No. 220,604; published Dec. 1, 1925.

Four Square Underwear Co., Olney, Ill. Men's union suits, drawers, nightshirts, and pyjamas. 209,425; Feb. 23; Serial No. 220,605; published Nov. 17, 1925.

Frapchon Company, The, Philadelphia, Pa. Dresses. 209,473; Feb. 23; Serial No. 221,814; published Dec. 1, 1925.

Friedr. Herder Abr. Sohn, Solingen, Germany. Knives, clippers, scissors, etc. 209,441; Feb. 23; Serial No. 204,449; published Nov. 24, 1925.

Fruit Valley Corporation, Rochester, N. Y. Compound for making puddings and pies. 209,439; Feb. 23; Serial No. 202,868; published Nov. 24, 1925.

Fuller, W. P., & Co., San Francisco, Calif. Paint, varnish, and enamel. 209,305; Feb. 23; Serial No. 216,596; published Sept. 22, 1925.

Fullerton Mutual Orange Association, Fullerton, Calif. Oranges, lemons, and grapefruit. 209,353; Feb. 23; Serial No. 217,552; published Dec. 1, 1925.

Gabriel, Saml., Sons & Company, New York, N. Y. Printed books. 209,322; Feb. 23; Serial No. 219,888; published Dec. 1, 1925.

Galena-Signal Oil Co. (of Texas). (See Bang Service Stations, Inc., assignor.)

Gendron Wheel Co.; The Gendron Wheel Co., Toledo, Ohio. Children's hand and foot propelled vehicles. 47,894; renewed Nov. 28, 1925.

General Seafoods Corporation. (See Fort Company, assignor.)

Gennert, Alfred G., New York, N. Y. Belts for personal wear. 209,336; Feb. 23; Serial No. 214,410; published Nov. 24, 1925.

Gilbert & Bennett Manufacturing Company, The, Georgetown, Conn. Door and window screen wire cloth. 52,203; renewed May 1, 1926.

Gilmore Oil Company, Los Angeles, Calif. Asphalt. 209,376; Feb. 23; Serial No. 220,715; published Dec. 1, 1925.

Glass, Henry, & Co., New York, N. Y. Cotton and combination of silk and cotton piece goods. 209,311; Feb. 23; Serial No. 217,930; published Dec. 1, 1925.

Glencoe Lime & Cement Company, St. Louis, Mo. Lime. 47,271; renewed Oct. 31, 1925.

Globe Dairy Lunch Co. Inc., Los Angeles, Calif. Ice cream, pies, cakes, fruit salads, etc. 209,334; Feb. 23; Serial No. 212,921; published Dec. 1, 1925.

Globe Soap Company, The, Cincinnati, Ohio. Soap chips. 209,312; Feb. 23; Serial No. 218,478; published Nov. 24, 1925.

Golding Fabrics Corporation, New York, N. Y. Piece goods made of silk. 209,431–2; Feb. 23; Serial Nos. 221,413–4; published Nov. 24, 1925.

Gonzalez Bros. & Co., New York, N. Y. Hosiery. 209,372; Feb. 23; Serial No. 218,964; published Dec. 1, 1925.

Goodall Worsted Co., Sanford, Me. Mohair, cotton, wool, mohair alpaca, etc., piece goods. 209,313; Feb. 23; Serial No. 218,481; published Dec. 1, 1925.

Gorham Mfg. Company, Providence, R. I. Silver polish. 209,428; Feb. 23; Serial No. 220,772; published Nov. 17, 1925.

Gould, Norman, New York, N. Y. Hosiery. 209,485; Feb. 23; Serial No. 221,113; published Dec. 1, 1925.

Grainger Bros. Co., Lincoln, Nebr. Canned vegetables, fruits, and sea foods, etc. 209,575; Feb. 23; Serial No. 220,523; published Dec. 1, 1925.

Graton and Knight Manufacturing Company; The Graton & Knight Manufacturing Company, Worcester, Mass. Leather belting. 49,546; renewed Feb. 6, 1926.

Grayson, J. H., Manufacturing Company, The, Athens, Ohio. Gas heaters and parts thereof. 209,352; Feb. 23; Serial No. 217,510; published Oct. 6, 1925.

Grebe, A. H., & Co., Inc., Richmond Hill, N. Y. Variable condensers. 209,561; Feb. 23; Serial No. 210,658; published Dec. 1, 1925.

Green River Fuel Company, Inc., Mogg, Ky. Coal. 209,504; Feb. 23; Serial No. 217,091; published Dec. 8, 1925.

Griffin & Skelley Co., assignor to California Packing Corporation, San Francisco, Calif. Dried and evaporated fruits. 50,230; renewed Mar. 6, 1926.

Griffin & Skelley Co., assignor to California Packing Corporation, San Francisco, Calif. Dried and evaporated fruits. 53,740; renewed June 12, 1926.

Griffon Cutlery Works. (See Silberstein, Albert L.)

H P Coffee Company, St. Louis, Mo. Coffee. 209,605; Feb. 23; Serial No. 220,126; published Dec. 1, 1925.

Harris, J. E., Company, The, Wooster, Ohio. Asbestos roofing. 209,643; Feb. 23.

Harmony Co., The, Portland, Oreg. Coats, suits, dresses, and lingerie. 209,524; Feb. 23; Serial No. 221,830; published Dec. 1, 1925.

Hartford Carpet Corporation, The, Thompsonville, Conn.; Bigelow-Hartford Carpet Company, Clinton, Mass., Thompsonville, Conn., and New York, N. Y., successor. Carpets. 48,047; renewed Dec. 5, 1925.

Hartman, Joel S., doing business as Woodland Mills, New York, N. Y. Toilet paper. 209,607; Feb. 23.

Hartray, J. P., Shoe Co.; Walkrite Shoe Company, Chicago, Ill., successor. Leather shoes. 44,862; renewed July 25, 1925.

Havana Commercial Company, Jersey City, N. J., and New York, N. Y. Havana cigars. 52,696; renewed May 15, 1926.

Havana Commercial Company, New York; Havana Commercial Company, New York, N. Y., and Jersey City, N. J. Havana cigars. 53,485–6; renewed June 5, 1926.

Havana Commercial Company, New York; Havana Commercial Company, New York, N. Y., and Jersey City, N. J. Havana cigars. 53,978; renewed June 19, 1926.

Havana Commercial Company, New York; Havana Commercial Company, New York, N. Y., and Jersey City, N. J. Havana cigars. 54,007; renewed June 19, 1926.

Havana Manufacturing Company, Havana, Ill. Plowshares, lister shares, middle-breaker shares, and cultivator shovels. 209,501; Feb. 23; Serial No. 212,818; published Dec. 15, 1925.

Havana Manufacturing Company, Havana, Ill. Plowshares, lister shares, middle-breaker shares, and cultivator shovels. 209,513; Feb. 23; Serial No. 220,773; published Dec. 15, 1925.

Hawaiian Pineapple Company, Ltd., San Francisco, Calif., and Iwilei, Hawaii. Canned pineapple and pineapple juice, marmalades, and pickles. 209,616; Feb. 23.

Helmholz Shoe Manufacturing Company, Cudahy, Wis. Leather boots and shoes. 209,576; Feb. 23; Serial No. 220,531; published Nov. 24, 1925.

Hermans, James, New York, N. Y. Powder used as a mouth wash, dentifrice, and throat gargle. 209,458; Feb. 23; Serial No. 221,448; published Dec. 1, 1925.

Herring-Hall-Marvin Safe Company, Hamilton, Ohio, and New York; Herring-Hall-Marvin Safe Company, New York, N. Y. Safes. 54,280; renewed June 26, 1926.

Herrmann, A. S., Inc., New York, N. Y. Textiles of silk, linen, etc., and tablecloths, sheets, and pillowcases. 209,316; Feb. 23; Serial No. 218,917; published Dec. 1, 1925.

Hess & Clark, Dr.; Dr. Hess & Clark, Inc., Ashland, Ohio, successor. Heave powder. 53,081; renewed May 22, 1926.

Hess & Clark, Dr.; Dr. Hess & Clark, Inc., Ashland, Ohio, successor. Medicinal and stock food. 53,247; renewed May 29, 1926.

Hewitt, Charles & Sons Co., Des Moines, Iowa. Canned vegetables, fruit jam, canned sea food, etc. 209,571; Feb. 23; Serial No. 220,406; published Dec. 1, 1925.

Hillerich & Bradsby Co., Louisville, Ky. Golf clubs, golf balls, and baseball bats. 209,562; Feb. 23; Serial No. 211,357; published Nov. 10, 1925.

Hiscox Chemical Works, Patchogue, N. Y. Toilet preparation for the hair and bathing purposes. 209,315; Feb. 23; Serial No. 218,757; published Dec. 1, 1925.

Holland Varnish Company, Limited, The, Montreal, Quebec, Canada. Paints, varnishes, oil colors, etc. 209,554; Feb. 23; Serial No. 206,668; published Nov. 3, 1925.

Homan-Hughes Company, The, Cincinnati, Ohio. Ladies' shoes, slippers, and boots. 209,550; Feb. 23; Serial No. 203,314; published Dec. 1, 1925.

Home Service Textile Co. Inc., New York, N. Y. Silk, wool, cotton, and mixtures piece goods. 209,480; Feb. 23; Serial No. 220,899; published Dec. 1, 1925.

Hood Rubber Company, Watertown, Mass. Rubber heels, soles, boots, shoes, overshoes, and rubber-sole canvas shoes. 209,344; Feb. 23; Serial No. 215,931; published Nov. 17, 1925.

Hoopeston Canning Co., Hoopeston, Ill. Canned corn. 209,364; Feb. 23; Serial No. 218,179; published Dec. 1, 1925.

Houdaille Company, The, Buffalo, N. Y. Spring covers. 209,631; Feb. 23.

Hubbell, Harvey, Incorporated, Bridgeport, Conn. Key chains, chain couplings, and clip terminals. 209,636; Feb. 23.

Hughes, K. A., Company, Boston, Mass. Laxative pills or tablets. 209,527; Feb. 23; Serial No. 222,070; published Dec. 1, 1925.

Hurst-Boillin Co., Clarksville, Tenn. Wheat flour. 209,328; Feb. 23; Serial No. 220,536; published Dec. 1, 1925.

I. & G. Soap Works, Brooklyn, N. Y. Powdered soap. 209,430; Feb. 23; Serial No. 221,322; published Nov. 17, 1925.

India Alkali Works, Boston, Mass. Preparations for removing paint and varnish, removing wax from floors, etc. 209,356; Feb. 23; 217,711; published Nov. 17, 1925.

Ingram, Frederick F., assignor to Frederick F. Ingram Company, Detroit, Mich. Face creams. 52,177; renewed May 1, 1926.

International Drug Sales Co., Denver, Colo. Medicinal powdered boric acid, carbolic-acid mixture, bug poison, etc. 209,642; Feb. 23.

International Heater Company, Utica, N. Y. Warm-air furnaces. 209,586; Feb. 23; Serial No. 219,587; published Nov. 3, 1925.

International Safety Razor Corporation, Bloomfield, N. J. Razor blades. 209,510; Feb. 23; Serial No. 220,074; published Dec. 15, 1925.

Jellicious, Inc., San Francisco, Calif. Mixture for making fruit jelly. 209,388; Feb. 23; Serial No. 221,969; published Dec. 1, 1925.
Johnson Educator Food Company, Cambridge, Mass. Peanut-butter sandwiches. 209,405; Feb. 23; Serial No. 201,900; published Dec. 1, 1925.
Johnson Furniture Company, Grand Rapids, Mich. Household wooden furniture. 209,443; Feb. 23; Serial No. 206,413; published Nov. 24, 1925.

Kaufmann Department Stores, Inc., Pittsburgh, Pa. Suits and overcoats. 209,403; Feb. 23; Serial No. 201,144; published Dec. 1, 1925.
Kier Letter Company, Chicago, Ill. House organ. 209,529; Feb. 23; Serial No. 222,125; published Dec. 1, 1925.
Kistler Leather Company, South Boston, Mass. Leather, tap, and slip soles. 209,385; Feb. 23; Serial No. 221,623; published Nov. 24, 1925.
Kelly Axe & Tool Company, Charleston, W. Va. Hammers. 209,539; Feb. 23; Serial No. 222,074; published Dec. 15, 1925.
King's Food Products Co., Portland, Oreg. Canned and dehydrated fruits and vegetables. 209,544; Feb. 23; Serial No. 171,129; published July 3, 1923.
King, H. H., Flour Mills Company. (See Sheffield King Milling Co.)
Kleinberger & Comp. Aktiengesellschaft, Duisburg, Germany. Liquid automobile polishes. 209,408; Feb. 23; Serial No. 206,905; published Nov. 10, 1925.
Kloster Steel Corporation, Chicago, Ill. Steel. 209,538; Feb. 23; Serial No. 222,325; published Dec. 1, 1925.
Knickerbloom Co. (See Seamon, Max.)
Koreska, Wilhelm, Vienna, Austria. Carbon papers and typewriting ribbons. 209,557; Feb. 23; Serial No. 208,200; published Nov. 3, 1925.
Kova Brush & Broom Manufacturing Company, Greensburg, Ind. Broomcorn and fiber brooms. 209,378; Feb. 23; Serial No. 220,905; published Dec. 1, 1925.
Kreeger Stores, Incorporated, The, New Orleans, La. Women's and misses' apparel. 209,530; Feb. 23; Serial No. 219,190; published Dec. 1, 1925.
Kypros, Angelos, doing business as Real Bar Candy Factory, Springfield, Mo. Chocolate-coated ice-cream-filled cones. 209,325; Feb. 23; Serial No. 220,409; published Dec. 1, 1925.

Lady Margaret Toilet Goods Co., Fort Worth, Tex. Cleansing cream, muscle oil, pore cream, skin tonic, rouge, etc. 209,462; Feb. 23; Serial No. 221,624; published Dec. 1, 1925.
Langlois, New York. (See United Drug Company.)
Larus & Brothers Co. Incorporated, Richmond, Va. Tobacco and cigarettes. 209,563; Feb. 23; Serial No. 212,089; published Sept. 1, 1925.
Lavoris Chemical Company, Minneapolis, Minn. Mouth, nose, and throat wash. 53,922; renewed June 12, 1926.
Law Canning Co., The, Portland, Oreg. Fried egg noodles. 209,329; Feb. 23; Serial No. 220,547; published Dec. 1, 1925.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Wheat flour. 209,623; Feb. 23.
Leland Corporation, The, assignor to Cosgrove Bros., Inc., Boston, Mass. Knickers, bloomers, chemises, vests, etc. 209,354; Feb. 23; Serial No. 217,628; published Dec. 1, 1925.
Leonard & Barrows, Middleboro and Boston, Mass. Leather shoes. 209,567; Feb. 23; Serial No. 220,347; published November 17, 1925.
Le Rae Hat Co., The, St. Louis, Mo. Ladies' hats. 209,420; Feb. 23; Serial No. 213,789; published Dec. 1, 1925.
Leslie-Judge Company, New York, N. Y. Magazine section. 209,530; Feb. 23; Serial No. 222,130; published Dec. 1, 1925.
Levi & Seligman, Inc., Brooklyn, N. Y. Knitted artificial-silk piece goods. 209,634; Feb. 23.
Levy, David B., New York, N. Y. Syringes. 209,637; Feb. 23.
Levy, E. S., & Company, Galveston, Tex. Leather shoes. 209,339; Feb. 23; Serial No. 215,157; published Nov. 17, 1925.
Liberto, Frank, & Co., San Antonio, Tex. Coffee, tea, spices, peanut butter, etc. 209,414; Feb. 23; Serial No. 212,741; published Dec. 1, 1925.
Liebhold, Max. (See Semel, J. H., & Co., assignor.)
Life Publishing Company, New York, N. Y. Comic strips published periodically. 209,536; Feb. 23; Serial No. 222,261; published Dec. 1, 1925.
Lilly, Eli, & Company, Indianapolis, Ind. Extract of corpus luteum. 209,373; Feb. 23; Serial No. 222,688; published Dec. 8, 1925.
Lilly, Eli & Company, Indianapolis, Ind. Medicine or pharmaceutical preparation. 209,393; Feb. 23; Serial No. 222,686; published Dec. 8, 1925.
Lilly, Eli, & Company, Indianapolis, Ind. Extract of the ovarian gland. 209,394; Feb. 23; Serial No. 222,687; published Dec. 8, 1925.
Lindsey, Alfred A., doing business as Lindsey Products Company, Chicago, Ill. Toilet preparations. 209,451; Feb. 23; Serial No. 214,732; published Nov. 24, 1925.
Linen Thread Company, The, Paterson, N. J., and New York, N. Y. Linen thread. 209,547; Feb. 23; Serial No. 200,567; published Nov. 18, 1924.

Lionel Trading Co. Inc., New York, N. Y. Perfumes, toilet waters, face lotions, rouges, etc. 209,518; Feb. 23; Serial No. 221,018; published Dec. 1, 1925.
Little Princess Headwear Co., New York, N. Y. Infants' and children's hats, bonnets, and caps. 209,418; Feb. 23; Serial No. 213,383; published Dec. 1, 1925.
London Shoe Company, Inc., New York, N. Y. Shoes. 209,363; Feb. 23; Serial No. 218,070; published Nov. 24, 1925.
Lord & Taylor, New York, N. Y. Corsets. 209,374; Feb. 23; Serial No. 220,662; published Nov. 17, 1925.
M. & O. Manufacturing Company, Inc., Seattle, Wash. Laxative food. 209,505; Feb. 23; Serial No. 219,192; published Dec. 1, 1925.
Macbean, Edward, & Company Limited, Glasgow, Scotland. Waterproof garments. 209,519; Feb. 23; Serial No. 221,124; published Dec. 1, 1925.
Magnolia Petroleum Company, Galveston and Dallas, Tex. Gasoline. 209,399; Feb. 23; Serial No. 197,034; published Nov. 24, 1925.
Mahler, Ernst, Neenah, Wis. Combination shoe horn and shoe form. 209,380; Feb. 23; Serial No. 221,020; published Nov. 24, 1925.
Malone, Tomas E., Buena Vista, Ohio. Medicine for diphtheria and throat diseases. 209,365; Feb. 23; Serial No. 218,817; published Nov. 3, 1925.
Manitou Mineral Springs Company, The, assignor to Manitou Mineral Water Company, Manitou, Colo. Ginger champagne. 53,662; renewed June 12, 1926.
Manitou Mineral Springs Company, The, assignor to Manitou Mineral Water Company, Manitou, Colo. Effervescent or carbonated mineral water. 53,663; renewed June 12, 1926.
Manufacturing Company of America, assignor to Thos. D. Richardson Company, Philadelphia, Pa. Candy. 53,555; renewed June 5, 1926.
Mapes, Oscar W., doing business as Maple Dale Farm, Middletown, N. Y. Eggs. 209,617; Feb. 23.
Maple Dale Farm. (See Mapes, Oscar W.)
Maronde, Frank R., Chicago, Ill. Laundry soap. 209,426; Feb. 23; Serial No. 220,731; published Nov. 17, 1925.
Marshak Maltmolak Co. Inc., Brooklyn, N. Y. Food product. 209,401; Feb. 23; Serial No. 198,464; published Aug. 26, 1924.
Marshall Field & Company, Chicago, Ill. Washable cotton suiting and cotton beach cloth in the piece. 209,622; Feb. 23.
Martin, M. F., Portland, Oreg. Preparation for use in treatment of bruises, skin eruptions, etc., in livestock, and for spraying fruits, etc. 209,411; Feb. 23; Serial No. 211,601; published May 26, 1925.
Marx & Rawolle, Inc., New York, N. Y. Prepared shellac and shellac substitutes. 209,560; Feb. 23; Serial No. 210,495; published Nov. 3, 1925.
McCausland Bros., Los Angeles, Calif. Shoes. 209,630; Feb. 23.
McElwain, J. F., Company, Nashua, N. H. Rubber heels. 209,488; Feb. 23; Serial No. 221,267; published Dec. 1, 1925.
Mead, Sidney A., Oakland, Calif. Automobile polish. 209,359; Feb. 23; Serial No. 218,014; published Nov. 17, 1925.
Mechanicville Knitting Co., Mechanicville, N. Y. Boys', girls', and children's underwear. 209,463; Feb. 23; Serial No. 221,629; published Dec. 1, 1925.
Meek, Marcellus W., Arcadia, Calif. Dressed and dyed furs. 209,608; Feb. 23.
Meister's, Charles, Sons, Philadelphia, Pa. Spectacles, eyeglasses, and lenses. 209,314; Feb. 23; Serial No. 218,654; published Dec. 1, 1925.
Mercedes Buro-Maschinen-Werke. (See Mez, Gustav.)
Merit Hosiery Company, Inc., The, Ozone Park and New York, N. Y. Hosiery. 209,600; Feb. 23; Serial No. 219,976; published Dec. 1, 1925.
Mez, Gustav, doing business as Mercedes Buro-Maschinen-Werke, Post Mehlis, Thuringia, Germany. Calculating machines. 209,320; Feb. 23; Serial No. 219,437; published Dec. 1, 1925.
Michigan Alkali Company, Ford City, Mich. Soda ash and caustic soda. 53,349; renewed May 20, 1926.
Michigan Carbon Works, Detroit, Mich., assignor to The American Agricultural Chemical Company, New York, N. Y. Gelatin. 52,538; renewed May 8, 1926.
Midland Coal Company, Kansas City, Mo. Coal. 209,613; Feb. 23.
Midulla, Biagio, doing business as B. Midulla Company, New York, N. Y. Cigars. 209,384; Feb. 23; Serial No. 221,372; published Dec. 1, 1925.
Miller, Alberta, doing business as Wizard Products Co., Elizabethtown, Ky. Cleaning compound. 209,452; Feb. 23; Serial No. 215,871; published Nov. 17, 1925.
Miller, Edward C., Williamsport, Pa. Antiseptic, astringent, and deodorant mouth wash. 209,520; Feb. 23; Serial No. 221,429; published Dec. 1, 1925.
Miller, I., & Sons, Inc., Long Island City, N. Y. Shoe dressing. 209,304; Feb. 23; Serial No. 216,061; published Dec. 1, 1925.
Miller, Louis, & Company, Chicago, Ill. Hats and linings for hats. 209,343; Feb. 23; Serial No. 215,804; published Sept. 29, 1925.
Minor, P. W., & Son, assignor to P. W. Minor & Son, Inc., Batavia, N. Y. Leather boots and shoes. 50,283; renewed Mar. 6, 1926.

Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Composition soles for shoes. 209,489; Feb. 23; Serial No. 221,271; published Dec. 1, 1925.
Mission Maple Syrup Co., Los Angeles, Calif. Table syrup. 209,302; Feb. 23; Serial No. 215,086; published Oct. 27, 1925.
Mitchell Wholesale Grocery & Fruit Company. Mitchell, S. Dak. Coffee, table sirups, cereals, and food-flavoring extracts. 209,368; Feb. 23; Serial No. 218,713; published Dec. 1, 1925.
Monarch Leather Company, Chicago, Ill. Leather. 209,626; Feb. 23.
Moore, William F., Glendale, Calif. Girdles, corset garters, brassières, and garters. 209,601; Feb. 23; Serial No. 219,978; published Nov. 24, 1925.
Mor-Pak Preserving Company, Fresno, Calif. Preserved and canned fruits. 209,387; Feb. 23; Serial No. 221,912; published Dec. 1, 1925.
Myers, Charles R., Sebastopol, Calif. Printed stationery. 209,454; Feb. 23; Serial No. 221,373; published Dec. 1, 1925.

N & W Overall Company, Inc., Lynchburg, Va. Overalls and coats. 209,307; Feb. 23; Serial No. 216,983; published Nov. 10, 1925.
Nashua Gummed & Coated Paper Company, Nashua, N. H. Gummed paper tape. 209,310; Feb. 23; Serial No. 217,525; published Dec. 1, 1925.
Nathan Novelty Mfg. Co., New York, N. Y. Metal arch supports. 209,406; Feb. 23; Serial No. 203,191; published Dec. 1, 1925.
National Butchers' and Packers' Supply Association, New York, N. Y. Printed publication issued weekly. 209,427; Feb. 23; Serial No. 220,735; published Nov. 24, 1925.
National Cash Register Co., Jersey City, N. J., and Dayton, assignor to The National Cash Register Company, Dayton, Ohio. Cash registers and autographic registers. 53,129; renewed May 29, 1926.
National Ring Traveler Co., Providence, R. I. Ring travelers. 209,498; Feb. 23; Serial No. 210,744; published Dec. 15, 1925.
National Stores Corporation, Trenton, N. J. Butter, eggs, and sliced bacon. 209,442; Feb. 23; Serial No. 204,975; published Nov. 24, 1925.
NEA Service, Inc., Cleveland, Ohio. Comic strip. 209,445; Feb. 23; Serial No. 207,511; published Nov. 24, 1925.
NEA Service, Inc., Cleveland, Ohio. Comic strip. 209,446; Feb. 23; Serial No. 207,879; published Nov. 24, 1925.
Negri, Teresina M., Paris, France. Breast supporters, collars, belts, corsets, and hose supporters. 209,349; Feb. 23; Serial No. 217,285; published Nov. 24, 1925.
Neiman-Marcus Co., Dallas, Tex. Misses' and women's suits, coats, knickers, etc. 209,644; Feb. 23.
Newater Company, The. (See Randall, George G.)
Newman, H., Co., New York, N. Y. Caps. 209,602; Feb. 23; Serial No. 219,984; published Nov. 17, 1925.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 48,531-2; renewed Jan. 2, 1926.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 48,562-4; renewed Jan. 2, 1926.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 48,734; renewed Jan. 9, 1926.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 48,738; renewed Jan. 9, 1926.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 48,762-4; renewed Jan. 9, 1926.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 48,766-7; renewed Jan. 9, 1926.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 49,103-8; renewed Jan. 23, 1926.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 49,110; renewed Jan. 23, 1926.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 49,413-15; renewed Feb. 6, 1926.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 49,417-18; renewed Feb. 6, 1926.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 49,742; renewed Feb. 13, 1926.

New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 49,841-2; renewed Feb. 20, 1926.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 49,930; renewed Feb. 27, 1926.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 50,024; renewed Feb. 27, 1926.
New York Consolidated Card Company, The, New York; The New York Consolidated Card Company, Long Island City, N. Y. Playing cards. 50,061; renewed Feb. 27, 1926.
New York Lubricating Oil Company. (See Cook's, Adam, Sons, assignor.)
Nogues, Frank, Los Angeles, Calif. Varnish and mixed paint. 209,366; Feb. 23; Serial No. 218,319; published Nov. 10, 1925.
Northwest Chemical & School Supply Co., Spokane, Wash. Floor dressing and liquid polish. 209,335; Feb. 23; Serial No. 213,663; published Nov. 24, 1925.
Nu-Blood Manufacturing Company. (See Rosenbluth, Abraham.)

Olmsted, Leon A., doing business as Vim Chain Stores, Chicago, Ill. Bicycles and parts of bicycles. 209,625; Feb. 23.
O'My Bottling Syrup Co., also doing business as The O-My Bottling Co., Los Angeles, Calif. Beverage used as a soft drink and extracts and sirups for making the same. 209,367; Feb. 23; Serial No. 218,321; published Dec. 1, 1925.
Orange Heights Fruit Association, Corona, Calif. Oranges, lemons, and grapefruit. 209,317; Feb. 23; Serial No. 218,995; published Dec. 1, 1925.
Orange Heights Fruit Association, Corona, Calif. Oranges, lemons, and grapefruit. 209,370; Feb. 23; Serial No. 218,997; published Dec. 1, 1925.
Ostermoor & Co., assignor to Ostermoor & Company, Inc., New York, N. Y. Prepared cotton. 51,687; renewed Apr. 24, 1926.
Otzen, L., & Co. Inc., San Francisco, Calif. Dried fruits. 54,378; renewed June 26, 1926.
Overholt, A., & Co., Pittsburgh, Pa.; A. Overholt & Company, New York, N. Y. Whisky. 52,183; renewed May 1, 1926.

Pacific Coast Condensed Milk Co., Seattle, Wash., assignor to Carnation Milk Products Company, Wilmington, Del., and Seattle, Wash. Condensed milk. 54,383; renewed June 26, 1926.
Packard & Field, assignor, by mesne assignments, to Field and Flint Co., Brockton, Mass. Leather boots, shoes, and slippers and leather therefor. 49,127; renewed Jan. 23, 1926.
Palestine Cigarette & Tobacco Co. Inc., Boston, Mass. Cigarettes. 209,568; Feb. 23; Serial No. 220,357; published Dec. 1, 1925.
Paragon Paint & Varnish Corporation, Long Island City, N. Y. Ready-mixed paints and varnishes. 209,556; Feb. 23; Serial No. 207,513; published Nov. 10, 1925.
Parsons & Baker Co., The, Phoenixville, Pa. Ladies' underwear. 209,379; Feb. 23; Serial No. 220,915; published Dec. 1, 1925.
Patrick, A. B., & Co.; A. B. Patrick Company, San Francisco, Calif. Harness, sole, and skirting leather. 51,758; renewed Apr. 24, 1926.
Pauker Bros., New York, N. Y. Men's hosiery, mufflers, sweaters, ties and cravats. 209,447; Feb. 23; Serial No. 212,695; published Nov. 24, 1925.
Peerless Glove Company, Grand Haven, Mich. Gloves. 209,412; Feb. 23; Serial No. 211,701; published Oct. 27, 1925.
Penn Leather Company, Philadelphia, Pa. Leather soles, tap soles, and slip soles. 209,337; Feb. 23; Serial No. 214,973; published Nov. 24, 1925.
Perma Products Co., Bellingham, Wash. Bath salts. 209,523; Feb. 23; Serial No. 222,045; published Dec. 1, 1925.
Phoenix Jewelry Co.; Arrow Emblem Co., Inc., New York, N. Y., successor. Certain named jewelry. 48,804; renewed Jan. 16, 1926.
Pickering Governor Company, The, Portland, Conn. Engine governors. 52,627; renewed May 15, 1926.
Pierce-Arrow Motor Car Company, The, Buffalo, N. Y. Radiators for internal-combustion engines. 209,319; Feb. 23; Serial No. 219,302; published Dec. 1, 1925.
Piston Ring Company, The, Muskegon Heights, Mich. Piston rings. 209,628; Feb. 23.
Playground & Gymnasium Equipment Co., Minneapolis, Minn. Teeter totters, swings, trapezes, etc. 209,624; Feb. 23.
Ponchatoula Farm Bureau Association, Ponchatoula, La. Strawberries. 209,301; Feb. 23; Serial No. 214,440; published Dec. 1, 1925.
Power, D., & Sons Limited, Walsall, England. Leather gloves. 209,331; Feb. 23; Serial No. 220,677; published Dec. 1, 1925.
Pratt-Low Preserving Co., San Jose; Pratt-Low Preserving Co., Santa Clara, Calif. Canned fruits and vegetables. 51,043; renewed Apr. 3, 1926.
Pratt-Low Preserving Co., San Jose; Pratt-Low Preserving Co., Santa Clara, Calif. Canned fruits and vegetables. 53,326; renewed May 29, 1926.

President Suspender Company, Shirley, Mass. Suspenders and garters. 209,612; Feb. 23.
Pro-phy-lac-tic Brush Company. (See Florence Manufacturing Company, assignor.)
Raleigh Haberdasher, Inc., Washington, D. C. Shoes. 209,332; Feb. 23; Serial No. 220,738; published Dec. 1, 1925.
Randall, Geo. G., doing business as The Newater Company, Chicago, Ill. Disinfectant and deodorizer. 209,525; Feb. 23; Serial No. 222,046; published Dec. 1, 1925.
Real Bar Candy Factory. (See Kypros, Angelos.)
Reed, Whitnel H., Jr., New Orleans, La. Monthly magazine. 209,423; Feb. 23; Serial No. 220,468; published Nov. 24, 1925.
Regun Millinery Company, Inc., Baltimore, Md. Women's and children's hats. 209,565; Feb. 23; Serial No. 220,323; published Nov. 24, 1925.
Remien & Kuhnert Co., Chicago, Ill. Processed oil enamel for interior use. 209,596; Feb. 23; Serial No. 219,764; published Nov. 3, 1925.
Revmer & Brothers, Incorporated, Pittsburgh, Pa. Candy. 53,564; renewed June 5, 1926.
Rice, A. H., & Co.; A. H. Rice Co., Pittsfield, Mass., successor. Silk thread. 53,104; renewed May 29, 1926.
Rice-Stix Dry Goods Company, St. Louis, Mo. Pearl buttons, snap fasteners, pins, etc. 209,546; Feb. 23; Serial No. 199,391; published Feb. 3, 1925.
Rich, John P., Swanton, Vt. Lime. 209,381; Feb. 23; Serial No. 221,074; published Dec. 1, 1925.
Richardson, Thos. D., Company. (See Manufacturing Company of America, assignor.)
Riebe-Werk Aktiengesellschaft, Berlin and Weissensee, near Berlin, Germany. Ball bearings and roller bearings. 209,503; Feb. 23; Serial No. 215,877; published Dec. 15, 1925.
Rockwell-Barnes Company, Chicago, Ill. Typewriter paper. 209,478; Feb. 23; Serial No. 220,874; published Dec. 1, 1925.
Rogers-Ludlow Incorporated, New York, N. Y. Olive oil. 209,578; Feb. 23; Serial No. 220,620; published Dec. 1, 1925.
Rosenbluth, Abraham, doing busines as Nu-Blood Manufacturing Company, Newark, N. J. System tonic and blood purifier. 209,614; Feb. 23.
Royal Worcester Corset Co.; Royal Worcester Corset Company, Worcester, Mass. Corsets. 50,338–9; renewed Mar. 13, 1926.
Rubinovich and Haskell Limited, Montreal, Quebec, Canada. Pipes, cigar and cigarette holders, cases, and pouches. 209,490; Feb. 23; Serial No. 221,280; published Dec. 1, 1925.
Rumford Chemical Works, Providence, R. I. Dough assistant. 209,481; Feb. 23; Serial No. 221,032; published Dec. 1, 1925.
S. L. Products Company, Philadelphia, Pa. Compounds for polishing and protecting surfaces. 209,338; Feb. 23; Serial No. 214,976; published Nov. 17, 1925.
St. Louis Shovel Co., St. Louis, Mo., assignor to Ames Shovel and Tool Company, Boston, Mass. Shovels, scoops, and spades. 54,314; renewed June 26, 1926.
St. Louis Shovel Co., St. Louis, Mo., assignor to Ames Shovel and Tool Company, Boston, Mass. Shovels, scoops, and spades. 54,346; renewed June 26, 1926.
Sawyer Shoe Co., Inc., New York, N. Y. Shoes for men, boys, and youths. 209,402; Feb. 23; Serial No. 200,013; published Nov. 17, 1925.
Sayles Finishing Plants, Inc., Saylesville, R. I. Cotton piece goods. 209,482; Feb. 23; Serial No. 221,033; published Dec. 1, 1925.
Schweiz. Seidengazefabrik A. G., Thal, Switzerland. Bolting cloth. 209,326; Feb. 23; Serial No. 220,424; published Dec. 1, 1925.
Seamon, Max, doing business as Knickerbloom Co., New York, N. Y. Knickerbockers and bloomers. 209,455; Feb. 23; Serial No. 221,385; published Dec. 1, 1925.
Seattle Paint Company, Seattle, Wash. Paints, paint enamels, stains, varnishes, and lacquers. 209,413; Feb. 23; Serial No. 211,951; published Nov. 17, 1925.
Semel, J. H., & Co., assignor to M. Liebhold, doing business as J. H. Semel & Co., New York, N. Y. Knit underwear. 53,870; renewed June 12, 1926.
Shapleigh Hardware Company, St. Louis, Mo. Pamphlets and periodicals. 209,496; Feb. 23; Serial No. 202,718; published Dec. 8, 1925.
Sheffield King Milling Co.; H. H. King Flour Mills Company, Minneapolis, Minn., successor. Flour made from wheat. 52,045; renewed May 1, 1926.
Shurilla, Andrew P., Reading, Pa. Horse-radish relish. 209,474; Feb. 23; Serial No. 220,742; published Dec. 1, 1925.
Silberstein, Albert L., doing business as Griffon Cutlery Works, New York, N. Y. Razors and pocket knives. 53,342; renewed May 8, 1926.
Silver Lake Company, Boston; Silver Lake Company, Newton, Mass. Ropes, cords, twines, and lines. 54,345; renewed June 26, 1926.
Simon Ackerman Clothes, Inc., New York, N. Y. Suits and topcoats. 209,467; Feb. 23; Serial No. 221,681; published Dec. 1, 1925.
Simpson, Roberts & Co., Ltd., Halifax, Nova Scotia, Canada. Canned lobsters and lobsters in sealed packages, and salmon. 209,347; Feb. 23; Serial No. 216,437; published Dec. 1, 1925.
Sitterley, Ralph M., New York, N. Y. Ready-mixed paint. 209,345; Feb. 23; Serial No. 216,231; published Dec. 1, 1925.
Smith, Edward, & Co., Long Island City, N. Y. Periodicals. 209,506; Feb. 23; Serial No. 219,609; published Dec. 8, 1925.
Sociedad Anonima Elawson y Wester, Ltda., Buenos Aires, Argentina. Butter, cheese, casein, and milk. 209,569; Feb. 23; Serial No. 220,366; published Dec. 1, 1925.
Societe en Nom Collectif M. & L. Biette Freres, Nantes, France. Soaps. 209,417; Feb. 23; Serial No. 213,326; published Nov. 24, 1925.
Société Worth, Paris, France. Cloaks, jackets, gowns, fur coats, muffs, etc. 209,415; Feb. 23; Serial No. 212,405; published Dec. 1, 1925.
Solidslik Hosiery Co., Inc., New York, N. Y. Hosiery. 209,552; Feb. 23; Serial No. 205,892; published Dec. 1, 1925.
Solomon, Isaac, Cincinnati, Ohio. Whisky. 48,535; renewed Jan. 2, 1926.
Southern Fertilizer & Chemical Company, Savannah, Ga. Fertilizer. 209,533; Feb. 23; Serial No. 221,980; published Dec. 1, 1925.
Spalding, A. G., & Bros., New York, N. Y.; A. G. Spalding & Bros., Jersey City, N. J. Golf balls. 52,125; renewed May 1, 1926.
Spalding, A. G., & Bros., New York, N. Y. Bags and suitcases. 209,324; Feb. 23; Serial No. 220,369; published Dec. 1, 1925.
Spalding, A. G., & Bros., New York, N. Y. Bicycles. 209,511; Feb. 23; Serial No. 220,370; published Dec. 8, 1925.
Spalding, A. G., & Bros., New York, N. Y. Adhesive tape, knee and ankle braces. 209,570; Feb. 23; Serial No. 220,367; published Nov. 10, 1925.
Specialty Mfg. Co., Des Moines, Iowa. Cork insole cushions. 209,464; Feb. 23; Serial No. 221,642; published Dec. 1, 1925.
Spray Paint Company, Chicago, Ill. Prepared liquid paints. 209,603; Feb. 23; Serial No. 220,040; published Nov. 17, 1925.
Spunella Limited, London, England. Silk piece goods. 209,450; Feb. 23; Serial No. 214,569; published Nov. 24, 1925.
Standard Auto Products Company. (See Swain, Fred.)
Stein, S., & Co., New York, N. Y. Woolen goods in the piece and in cut lengths. 209,433; Feb. 23; Serial No. 221,515; published Nov. 24, 1925.
Sterling Products (Incorporated). (See California Fig Syrup Co., assignor.)
Sterling Remedy Company, Kramer, Ind.; Sterling Remedy Company, Jersey City, N. J. Cathartic medicine. 52,189; renewed May 1, 1926.
Sterling Remedy Company, Kramer, Ind.; Sterling Remedy Company, Jersey City, N. J. Medicine for indigestion. 52,459; renewed May 8, 1926.
Sugar-Lax Products Co. (See Fischer, Haydn L.)
Sullivan Company, The, Memphis, Tenn. Aluminum paint. 209,360; Feb. 23; Serial No. 218,027; published Nov. 10, 1925.
Sullivan Company, The, Memphis, Tenn. Compound for use as a cement-paint base. 209,597; Feb. 23; Serial No. 219,858; published Nov. 24, 1925.
Sullivan Company, The, Memphis, Tenn. Compound for use as a cement-paint base. 209,598; Feb. 23; Serial No. 219,862; published Nov. 24, 1925.
Sunglow Company, The, New York, N. Y. Furniture polish. 209,572; Feb. 23; Serial No. 220,483; published Nov. 17, 1925.
Sunset Magazine, Inc., San Francisco, Calif. Monthly magazine. 209,499; Feb. 23; Serial No. 212,577; published Dec. 8, 1925.
Swain, Fred, doing business as Standard Auto Products Company, Ohio, Ill. Auto top dressing and valve-grinding compound. 209,416; Feb. 23; Serial No. 212,702; published Dec. 1, 1925.
Swan-Finch Oil Corporation. (See Diamond Compound Company, assignor.)
Thomas, Brager E., Little Rock, Ark. Female tonic and preparation for making syringe solution. 209,531; Feb. 23; Serial No. 222,147; published Dec. 1, 1925.
Tighe, Loretta F., doing business as Youthfulform Brassiere Co., New York, N. Y. Brassières, girdles, and combination brassières and girdles. 209,584; Feb. 23; Serial No. 219,560; published Nov. 24, 1925.
Tilette Cement Company, Inc., New York, N. Y. Wall finish. 209,327; Feb. 23; Serial No. 220,430; published Dec. 1, 1925.
Tittle, Violet, Blountstown, Fla. Hair tonic. 209,465; Feb. 23; Serial No. 221,647; published Dec. 1, 1925.
Treiber-Cahill Mfg. Co., Syracuse, N. Y. Paper fasteners. 209,449; Feb. 23; Serial No. 213,534; published Nov. 10, 1925.
Tri-City Cap Manufacturing Company, Davenport, Iowa. Caps. 209,475; Feb. 23; Serial No. 220,747; published Dec. 1, 1925.
Tucker & Goodwin, Inc., Hartford, Conn. Canned peaches, beets, squash, tomatoes, and spinach. 209,351; Feb. 23; Serial No. 217,430; published Dec. 1, 1925.
Tuggle, Robert L., Louisville, Ky. Water-treating and boiler-cleaning material. 209,459; Feb. 23; Serial No. 221,575; published Dec. 1, 1925.

Tuttle Press Company, The, Appleton, Wis. Florists' crêpe paper. 209,486; Feb. 23; Serial No. 221,149; published Dec. 1, 1925.
Tuttle, William S., doing business as Tuttle Law Print, Rutland, Vt. Typewriter paper. 209,457; Feb. 23; Serial No. 221,463; published Dec. 1, 1925.
Uehling Instrument Company, Paterson, N. J. Combined CO_2 and temperature recorders. 209,606; Feb. 23.
United Alloy Steel Corporation, New York, N. Y., and Canton, Ohio. Rolled, pressed, and formed channels and L channels for use in building construction. 209,395; Feb. 23; Serial No. 154,893; published Sept. 4, 1923.
United Drug Company, doing business as Langlois, New York, Boston, Mass. Perfume, toilet water, talcum, face powder, beauty cream, etc. 209,541; Feb. 23; Serial No. 220,982; published Dec. 1, 1925.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 48,745; renewed Jan. 9, 1926.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 48,865–6; renewed Jan. 16, 1926.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 48,868; renewed Jan. 16, 1926.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 48,870–5; renewed Jan. 16, 1926.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 48,877–8; renewed Jan. 16, 1926.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 48,882–6; renewed Jan. 16, 1926.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 48,888–95; renewed Jan. 16, 1926.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 49,114; renewed Jan. 16, 1926.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 49,255; renewed Jan. 30, 1926.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 49,419–25; renewed Feb. 6, 1926.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 49,747–8; renewed Feb. 13, 1926.
United States Playing Card Co., The, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 49,803; renewed Feb. 20, 1926.
United States Playing Card Co., The, Cincinnati, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 49,256; renewed Jan. 30, 1926.
United States Playing Card Co., The, Cincinnati, assignor to The United States Playing Card Company, East Norwood, Cincinnati, Ohio. Playing cards. 49,846; renewed Feb. 20, 1926.
Utica Cutlery Company, Utica, N. Y. Pocketknives. 209,540; Feb. 23; Serial No. 220,811; published Dec. 15, 1925.
Van Antwerp's Drug Corporation, Inc., Mobile, Ala. Gum asafetida, calomel, senna and manna, etc. 209,632; Feb. 23.
Victor X-Ray Corporation, Chicago, Ill. X-ray protective devices and materials. 209,357; Feb. 23; Serial No. 217,907; published Dec. 1, 1925.
Vier-Sios Chemical Co., Chicago, Ill. Paint and varnish remover. 209,585; Feb. 23; Serial No. 219,562; published Nov. 17, 1925.
Vim Chain Stores. (See Olmsted, Leon A.)
Vincent Bros. Co., The, Bridgeport, Conn. Coffee. 209,558; Feb. 23; Serial No. 209,445; published Dec. 1, 1925.
Virden Canning Company, San Francisco, Calif. Canned fruits, vegetables, tomatoes with purée, honey, etc. 209,435; Feb. 23; Serial No. 197,847; published Dec. 8, 1925.
Virden Canning Company, San Francisco, Calif. Canned and dried fruits and vegetables, tomatoes in purée, honey, etc. 209,436; Feb. 23; Serial No. 197,848; published Dec. 8, 1925.
Virden Canning Company, San Francisco, Calif. Canned and dried fruits and vegetables, figs, honey, etc. 209,437; Feb. 23; Ser. No. 197,850; published Mar. 17, 1925.
Virden Canning Company, San Francisco, Calif. Canned and dried fruits and vegetables, canned tomatoes in purée, etc. 209,438; Feb. 23; Serial No. 197,851; published Dec. 8, 1925.

Vollrath, Jacob J., The, Mfg. Co.; The Vollrath Company, Sheboygan, Wis., successor. Stamped steel ware. 49,799; renewed Feb. 20, 1926.
Vulcan Plow Co., The, Evansville, Ind. Plows and cultivators. 52,116; renewed May 1, 1926.
Wagner Manufacturing Company, The, Sidney, Ohio. Utensils for making coffee. 209,627; Feb. 23.
Wagoner, Clifford H., Zanesville, Ohio. Gasoline. 209,545; Feb. 23; Serial No. 187,890; published Nov. 24, 1925.
Waiss, Milton, San Francisco, Calif. Shoes and boots. 209,308; Feb. 23; Serial No. 217,057; published Dec. 1, 1925.
Walkrite Shoe Company. (See Hartray, J. P., Shoe Co.)
Wallins Creek Coal Company, Inc., Cincinnati, Ohio. Coal. 209,502; Feb. 23; Serial No. 213,106; published Dec. 8, 1925.
Wamsutta Mills, New Bedford, Mass. Shirtings and sheetings. 51,002–3; renewed Apr. 3, 1926.
Wanamaker, John, Philadelphia, Philadelphia, Pa. Perfumes, 209,397; Feb. 23; Serial No. 187,893; published Jan. 1, 1924.
Warrenton Clam Company, Warrenton, Oreg. Canned clams and salmon. 209,389; Feb. 23; Serial No. 221,988; published Dec. 1, 1925.
Waupun Canning Company, Waupun, Wis. Canned peas. 209,390; Feb. 23; Serial No. 221,989; published Dec. 1, 1925.
Weimarfarbe, Gesellschaft mit beschränkter Haftung, Weimar, Germany. Artists' oil colors. 209,396; Feb. 23; Serial No. 180,675; published Nov. 17, 1925.
West Lumber Company, Atlanta, Ga. Raw and boiled linseed oil, turpentine, and paint. 209,350; Feb. 23; Serial No. 217,313; published Nov. 10, 1925.
Western Pattern & Foundry Company, Seattle, Wash. Castings. 209,633; Feb. 23.
Wetmore Reamer Company, Milwaukee, Wis. Reamers. 209,522; Feb. 23; Serial No. 221,578; published Dec. 1, 1925.
White, George S., Los Angeles, Calif. Therapeutic vibrators. 209,526; Feb. 23; Serial No. 222,056; published Dec. 1, 1925.
White, S. S., Dental Mfg. Co., The, Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia; The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Gutta-percha tooth filling. 53,152–3; renewed May 29, 1926.
White, S. S., Dental Mfg. Co., The, Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia; The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Wax. 53,258; renewed May 29, 1926.
White, S. S., Dental Mfg. Co., The, Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia; The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Tooth paste. 53,359; renewed May 29, 1926.
White, S. S., Dental Mfg. Co., The, Philadelphia, Pa.; Chicago, Ill.; New York, Brooklyn, and Rochester, N. Y.; Boston, Mass.; Atlanta, Ga.; New Orleans, La.; Toronto, Canada; Buenos Aires, Argentina; Berlin, Germany; and St. Petersburg, Russia; The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Cavity linings. 53,361; renewed May 29, 1926.
Whitney Mfg. Co., Whitney, S. C. Cotton sheetings. 209,300; Feb. 23; Serial No. 214,344; published Dec. 1, 1925.
Widder Bros., New York, N. Y. Color card issued semi-annually on silks. 209,429; Feb. 23; Serial No. 220,815; published Nov. 10, 1925.
Widlar Company, The, Cleveland, Ohio. Relish. 209,323; Feb. 23; Serial No. 219,925; published Dec. 1, 1925.
Wiessner, John F., & Son's Brewing Co. of Baltimore City; The John F. Wiessner & Sons, Brewing Company of Baltimore City, Baltimore, Md. Lager beer. 52,585; renewed May 15, 1926.
Willys-Overland Company, The, Toledo, Ohio. Passenger-carrying automobiles. 209,410; Feb. 23; Serial No. 211,510; published Nov. 24, 1925.
Winn, James P., Tudor Hill, Sutton Coldfield, England. Devices or appliances for the protection of the human ear. 209,491; Feb. 23; Serial No. 221,298; published Dec. 1, 1925.
Wizard Products Co. (See Miller, Alberta.)
Wood, W. D., Lumber Company, Birmingham, Ala. Lumber and construction materials. 209,398; Feb. 23; Serial No. 190,624; published Dec. 23, 1924.
Woodbury Shoe Company, Beverly, Mass. Boots and shoes. 209,549; Feb. 23; Serial No. 203,017; published Dec. 1, 1925.

Woodill, Alfred L., Riverside, Calif. Oranges, lemons, and grapefruit. 209,358; Feb. 23; Serial No. 217,977; published Dec. 1, 1925.
Woodland Mills. (See Hartman, Joel S.)
Workman's Overall & Shirt Co., Inc., Clearfield, Pa. Workman's overalls and shirts. 209,629; Feb. 23.
Worumbo Manufacturing Company, Bath, Me. Woolen goods in the piece. 209,494; Feb. 23; Serial No. 173,021; published June 17, 1924.
Wunderle, Philip, Philadelphia, Pa. Candy. 51,856; renewed Apr. 24, 1926.
Youthfulform Brassiere Co. (See Tighe, Loretta F.)

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Bohemian Maid Products Co., Chicago, Ill. Bohemian Maid Malt Syrup. For Malt Sirup. 29,960; Feb. 23.
Brown, Herman J., Long Beach, Calif. Horoscope Star Bar. For Candy and Candy Bars. 29,961; Feb. 23.
California Bottling Works, Los Angeles, Calif. California Club. For Ginger Ale. 29,962; Feb. 23.
California Peanut Co. (See Damiannakes, Nicholas P.)
California Rock Salt Co., doing business as Consolidated Salt Co., Los Angeles, Calif. Perfection. For Packaged Table Salt. 29,963; Feb. 23.
Carr, Martin, Spokane, Wash. Carr's Diabetic Treatment. For Diabetic Medicine. 29,964; Feb. 23.
Consolidated Salt Co. (See California Rock Salt Co.)
Cooper, John P., Arlington, Tex. My Favorite. For Cans of Sirup. 29,965; Feb. 23.
Damiannakes, Nicholas P., doing business as California Peanut Co., Oakland, Calif. Pan Work Confections. For Assorted Candies. 29,966; Feb. 23.
Dubuque Bread Company, Dubuque, Iowa. J-D. For Bread. 29,967; Feb. 23.
Frisch, Emile, Chicago, Ill. Frisch-Process. For Bread. 29,968; Feb. 23.
Garrison-Helland Corporation, New York, N. Y. G. H. C. For Plumbing Goods. 29,969; Feb. 23.
Globe Distributing Co., Akron, Ohio. Manhattan Club. For Malt Sirup. 29,970; Feb. 23.
Gudis, Oscar, New York, N. Y. Gudlax. For a Vegetable Laxative. 29,971; Feb. 23.
Guerrero, Stephen, doing business as Stephen Chemical Company, Los Angeles, Calif. The Sun. For Paste Soap. 29,972; Feb. 23.
La Verne Co-Operative Citrus Association, La Verne, Calif. Maud Muller. For Fresh Oranges. 29,973; Feb. 23.
Longhi & Giordano, New York, N. Y. Crystaline Washing Water. For Water Used for Washing Clothes. 29,974; Feb. 23.
Mutual Creamery Company, Los Angeles, Calif. Four-In-One. For Butter. 29,975; Feb. 23.
Mutual Creamery Company, Los Angeles, Calif. Cascade. For Butter. 29,976; Feb. 23.
Out West Manufacturing Co., Denver, Colo. Grip-It. For Penetrating Oil. 29,977; Feb. 23.
Perry's Home Made Pound Cake And Fruit Cake Company, Roanoke, Va. Perry's Home Made. For Pound Cake and Fruit Cake. 29,978; Feb. 23.
Piccadilly Fizz Co. (See Wagner, Charles F.)
Purity Produce Corporation, Los Angeles, Calif. Barbara. For Canned Peaches. 29,979; Feb. 23.
Scott Paper Company, Chester, Pa. S. P. Co. For Toilet Paper. 29,980; Feb. 23.
Stephen Chemical Company. (See Guerrero, Stephen.)
U-C-It Silk Hosiery Co., Marietta, Ga. U-C-It. For Silk Hose. 29,981; Feb. 23.
Wagner, Charles F., doing business as Piccadilly Fizz Co., Los Angeles, Calif. Piccadilly Fizz. For Ginger Ale. 29,982; Feb. 23.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Bernell, Solomon M., doing busines as the Vacupmeter Company, Chicago, Ill. The Vacupmeter. For Cupping Apparatus. 8,579; Feb. 23.
Coca-Cola Company, Atlanta, Ga. It Had To Be Good—To Get Where It Is. For Coca-Cola. 8,580; Feb. 23.
Coca-Cola Company, Atlanta, Ga. Drink Coca-Cola While You Wait. For Coca-Cola. 8,581; Feb. 23.
Coca-Cola Company, Atlanta, Ga. Drink Coca-Cola Delicious And Refreshing. For Coca-Cola. 8,582; Feb. 23.
Coca-Cola Company, Atlanta, Ga. Through All The Years Since 1886. For Coca-Cola. 8,583; Feb. 23.
Conrad & Co. Inc., Boston, Mass. Double Duty. For Hosiery. 8,584; Feb. 23.
Cream Of Wheat Co., Minneapolis, Minn. What Makes Them Restless and Inattentive? Teachers Know! For Wheat Breakfast Food. 8,585; Feb. 23.
Metropolitan Juvenile Clothing Co. Inc., New York, N. Y. Metropolitan Juvenile Clothing Co. Inc. For Clothing. 8,586; Feb. 23.
Richardson Corporation, Rochester, N. Y. Drink It While It's Creamy. For Liberty Root Beer. 8,587; Feb. 23.
Vacupmeter Company, The. (See Bernell, Solomon M.)
White, Arthur S., Chicago, Ill. The Bayberry Butler. For an Incense Burner. 8,588; Feb. 23.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Acme Apparatus Company, Cambridge, Mass. B power supply units, B battery eliminators, vacuum-tube rectifiers, etc. 223,155; Feb. 23.
Adelman, Joseph, doing business as Supreme Publishing Co., New York, N. Y. Periodical. 225,905; Feb. 23.
Adler, Seymour B., doing business as Whitex Manufacturing Company, Fort Worth, Tex. Tooth cream. 224,941; Feb. 23.
Allen, T. D., doing business as Microzone Chemical Co., Fresno, Calif. Disinfectants. 223,071; Feb. 23.
American Arlesheim Laborntories Inc., New York, N. Y. Liquid used in the treatment of influenza, grippe, and severe colds. 220,698; Feb. 23.
American Farming Publishing Company, Chicago, Ill. Quarterly magazines. 223,758; Feb. 23.
American Humus Company, The, Cleveland, Ohio. Humus or decayed vegetable matter. 224,270; Feb. 23.
American Mercury, Inc., The, New York, N. Y. Periodical publication. 225,821; Feb. 23.
American Smelting & Refining Company, New York, N. Y., and San Francisco, Calif. Lead, solder, and babbitt, and metals and metal alloys. 224,739; Feb. 23.
American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Draperies in the piece of cotton, silk, and cotton and silk mixed. 174,122; Feb. 23.
Amstutz, Menno, doing business as Dox Manufacturing Company, Pandora, Ohio. Cough remedies. 219,160; Feb. 23.
Arbella Mfg. Co., New York, N. Y. Dandruff remedy. 225,823; Feb. 23.
Arctic Chemical Co., The, Canton, Ohio. Nonfreezing mixture to be used in the radiators of automobiles. 224,129; Feb. 23.
Ard, Allen B., Iron City, Ga. Insecticide. 225,907; Feb. 23.
Armstrong, Eugene C., Johnstown, doing business as The No-O-Dor Company, Jeannette, Pa. Antiseptic and deodorizing powder. 179,919; Feb. 23.
Ascha, Geneva, Switzerland. Watches, watch movements, clocks. 223,987; Feb. 23.
Ashaway Line & Twine Manufacturing Company, Ashaway, R. I. Fishing line. 223,988–9; Feb. 23.
Baby Grand Apartments Company, Indianapolis, Ind. Books of plans and specifications for buildings. 225,159; Feb. 23.
Baeder-Adamson Company, Boston, Mass. Cloth or paper backed abrasives. 218,591; Feb. 23.
Bakelite Corporation, New York, N. Y. Attachment plugs, brush-holder insulation, cable terminals, etc. 212,529; Feb. 23.
Bakelite Corporation, New York, N. Y. Fountain pens, pen barrels, paper weights, etc. 222,431; Feb. 23.
Baker Castor Oil Company, New York, N. Y. Castor oil. 216,962; Feb. 23.
Baker Drug Company, Portland, Oreg. Lung, throat, and bronchial medicine. 225,859; Feb. 23.
Barber Asphalt Company, The, Philadelphia, Pa. Refrigerators and refrigerating machines. 225,860–1; Feb. 23.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Bassick Manufacturing Company, The, Chicago, Ill. Covers for the springs of automotive vehicles and for the parts of such covers. 223,896; Feb. 23.
Bayer Company, Inc., The, New York, N. Y. Veterinary products, such as remedies, antiseptics, etc. 212,230; Feb. 23.
Beard Laboratories, Inc., Fort Smith, Ark. Compound for treating dyspepsia. 225,760; Feb. 23.
Beaver Products Company, Inc., The, Buffalo, N. Y. Plaster. 205,732; Feb. 23.
Becker, Louis, doing business as Becker Fils, Paris, France. Perfumes, rouge, face powder, face cream, and talcum powder. 225,501; Feb. 23.
Beer, Nathan, doing business as Nab Mfg. Co., New York, N. Y. Sweeping mixture, silver-polishing cream, and aluminum-polishing cream. 221,230; Feb. 23.
Bell Syndicate, Inc., The, New York, N. Y. Series of cartoons. 224,074; Feb. 23.
Benedict, Andy, & Sons, Struthers, Ohio. Medicine for rheumatism, toothache, headache, lumbago, etc. 224,228; Feb. 23.
Bergen, Carl K., Philadelphia, Pa. Lozenges. 220,990; Feb. 23.
Best & Co., Inc., New York, N. Y. Jewelry, not including watches; silver server sets, and silver tableware. 223,277; Feb. 23.
Better Business Bureau of New York City, Incorporated, The, New York, N. Y. Periodical published monthly. 224,945; Feb. 23.
Bizzoni, Humbert, Long Island City, N. Y. Depilatory. 225,547; Feb. 23.
Black & White Milling Company, East St. Louis, Ill. Poultry feed. 225,167; Feb. 23.
Black & White Milling Company, East St. Louis, Ill. Dairy feed. 225,168; Feb. 23.
Bochmann, F. A., & Co., Inc., Philadelphia, Pa. Worsted and woolen dress goods manufactured in the piece. 225,641; Feb. 23.
Bommarito, Dr. Paul, Detroit, Mich. Composition for the treatment of goitre. 225,866; Feb. 23.
Bonwit Teller & Co., New York, N. Y. Perfumery. 224,546; Feb. 23.
Borgfeldt, Geo., & Co., New York, N. Y. Toy figures. 223,996; Feb. 23.
Boston Excelsior Company, New York, N. Y., and Boston, Mass. Upholstery and bedding, stuffing and filling materials—namely, burlap, excelsior, etc. 205,311; Feb. 23.
Boye, James H., Manufacturing Co., Chicago, Ill. Metal curtain rods. 224,650; Feb. 23.
Boyle, Isabella E., Omaha, Nebr. Face creams, face powders, bath powders, and oil astringents. 225,072; Feb. 23.
Bright Star Battery Co., Hoboken, N. J. A and B batteries. 222,820; Feb. 23.
Bronze Metal Works. (See Favish, Morris.)
Brown Company, Portland, Me., and Berlin, N. H. Liquid chlorine, chloroform, calcium arsenate, etc. 221,348; Feb. 23.
Brunswick-Balke-Collender Company, The, Chicago, Ill. Billiard cloth. 213,480; Feb. 23.
Brunswick-Balke-Collender Company, The, Chicago, Ill. Billiard cloth. 213,482; Feb. 23.
Brzoska, Frank L., doing business as Detroit Malt Extract Co., Dayton, Ohio. Malt and hop extracts. 224,541; Feb. 23.
Buffalo Products Co., Inc., Buffalo, N. Y. Nonalcoholic, maltless beverages sold as soft drinks. 223,897; Feb. 23.
Buhring Water Purifying Co. (See Hennings, Oscar.)
Burrell-Dugger Company, Indianapolis, Ind. Pharmaceutical preparation for the eradication of intestinal worms in poultry. 224,952; Feb. 23.
Cabot, Samuel, Inc., Boston, Mass. Coloring and finishing waterproof materials in the nature of paints or stains. 225,109; Feb. 23.
California Rex Spray Co., Sacramento and Benicia, Calif. Insecticide. 222,368; Feb. 23.
California Rex Spray Co., Sacramento and Benicia, Calif. Fungicide. 222,369; Feb. 23.
Casnati, Lola A., New York, N. Y. Hair tonic and face lotion. 205,741; Feb. 23.
Central Electric Company, Chicago, Ill. Portable electric cords and cables. 224,549; Feb. 23.
Charleston Milling & Produce Company, Charleston-Kanawha, W. Va. Feed for livestock. 223,163; Feb. 23.
Chase Bag Co., New York, N. Y. Twine, cordage, and thread for closing bags. 226,042; Feb. 23.
Chase Bag Co., New York, N. Y. Twine, cordage, and thread for closing bags. 226,044; Feb. 23.
Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics. 225,647; Feb. 23.
Chicago Spring Hinge Company, Chicago, Ill. Hinges. 207,967; Feb. 23.
Chilton Class Journal Company, Philadelphia, Pa. Periodical published monthly. 224,804; Feb. 23.
Chilton Class Journal Company, Philadelphia, Pa. Classified buyer's guide and reference book for automotive distributors, jobbers, dealers, etc. 224,805; Feb. 23.
Chilton Class Journal Company, Philadelphia, Pa. Periodical published monthly. 224,806; Feb. 23.
Clay-Adams Company, Inc., New York, N. Y. Wound clips. 225,552; Feb. 23.
Clemetsen Company, The, Chicago, Ill. Desks, desks having movable supports for typewriters and similar devices, etc. 211,258; Feb. 23.
Cleveland Varnish Company, The, Cleveland, Ohio. Lacquers. 225,114; Feb. 23.
Climax Engineering Co., Clinton, Iowa. Mechanical refrigerating units and compressors therefor and parts thereof. 213,225; Feb. 23.
Cohn, Mark C., San Francisco, Calif. Monthly magazines. 224,375; Feb. 23.
Colgate & Company, Jersey City, N. J. Talc powder, perfumes, toilet water, and face powder. 222,311; Feb. 23.
Colgate & Company, Jersey City, N. J. Dental cream. 222,312; Feb. 23.
Columbus Iron Works Co., doing business as Southern Plow Co. Dept., Columbus, Ga. Heel sweeps for cultivators. 225,648; Feb. 23.
Conner & Walters Company, Inc., Charlotte, N. C. Hairdressing and medicine for treating disease of the scalp. 222,011; Feb. 23.
Conrad Allen Radio Company, Garden City, Kans. Radio receiving sets. 223,503; Feb. 23.
Copeman, Lloyd G., Flint, Mich. Refrigerators. 223,689; Feb. 23.
Corno Mills Company, The, St. Louis, Mo. Stock and poultry feed. 184,895; Feb. 23.
Corrao, Antonio, doing business as the Universal Salad Oil Co., New York, N. Y. Salad oil. 213,008; Feb. 23.
Crittall Casement Window Company, Detroit, Mich. Casement windows, including frames and sashes. 224,861; Feb. 23.
Crown Williamette Paper Company, San Francisco, Calif. Paper bags. 224,179; Feb. 23.
Dan Valley Mills, Danville, Va. Plain and self-rising flour. 225,221; Feb. 23.
Del Prete, Giovanni, Brooklyn, N. Y. Olive oil. 223,374; Feb. 23.
De Roquefeuil, Louis, doing business as Parfums Deroc, Asnieres, France. Perfumes, toilet waters, face powders, etc. 225,652; Feb. 23.
Detroit Malt Extract Co. (See Bezoska, Frank L.)
Dexter Rubber Manufacturing Company, Goshen, N. Y. Rim flaps for tires and tire patches. 225,007–8; Feb. 23.
Dingee, Squire, Company, Chicago, Ill. Jellies, jams, fruit butter, fruit and berry preserves, and pickles. 205,791; Feb. 23.
Distantone Radios, Inc., Lynbrook, N. Y. Complete radio receiving sets. 213,431; Feb. 23.
D M O Gum Machine Company, Los Angeles, Calif. Chewing gum. 221,600; Feb. 23.
Dox Manufacturing Company. (See Amstutz, Menno.)
Drew, Horace R., doing business as Drew Orange Fruit Company, Island Grove and Jacksonville, Fla. Fresh oranges, grapefruits, tangerines, etc. 218,295; Feb. 23.
Durand-McNeil-Horner Co., Chicago, Ill. Canned fruits, canned vegetables, bottled onions, etc. 191,816; Feb. 23.
Eagle, J. H. and C. K., Inc., by change of name, C. K. Eagle and Company, Inc., Shamokin, Pa., and New York, N. Y. Silk textiles in the piece. 215,777; Feb. 23.
Edwards, Rob, Publishing Co., Minneapolis, Minn. Monthly publication. 225,949; Feb. 23.
Egan, H. B., & Co., Muskogee, Okla. Pneumatic-tire inner-tube patches. 223,903; Feb. 23.
Elnson-Freeman Co., Incorporated, New York, N. Y. Lithographed and printed display cards. 215,334; Feb. 23.
Electrical Research Laboratories, Inc., Chicago, Ill. Radio receiving sets, loud speakers, etc. 223,376; Feb. 23.
Elliot, Greene & Co., Inc., New York, N. Y. Precious stones, necklaces, pearls, etc. 224,505; Feb. 23.
Engebretson-Grupe Co., Meloland, Calif. Fresh lettuce. 220,769; Feb. 23.
Enterprise Manufacturing Company, The, Akron, Ohio. Fishing reels. 207,713; Feb. 23.
Enterprise Manufacturing Company, The Akron, Ohio. Chain stringers for fish. 207,714; Feb. 23.
Enterprise Manufacturing Company, The, Akron, Ohio. Fishing reels. 207,718; Feb. 23.
Enterprise Manufacturing Company, The, Akron, Ohio. Fishing reels. 207,721; Feb. 23.
Enterprise Oil Company, Inc., Buffalo, N. Y. House organ. 225,403; Feb. 23.
Favish, Morris, doing business as Bronze Metal Works, Chicago, Ill. Electrical lamps. 221,889; Feb. 23.
Freshman, Chas., Company, Incorporated, assignor to Chas. Freshman Co. Inc., New York, N. Y. Radio receiving sets. 207,006; Feb. 23.
Frische, Rose M., doing business as Mme. Frische, Columbus, Ohio. Foot lotion for the treatment of corns and calli. 224,379; Feb. 23.
Fisk, James R., El Paso, Tex. Front wall attachment for wood-burning fireplaces and grate for wood and coal burning stoves and furnaces. 222,737; Feb. 23.

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Fleming, E., & Co., Cambridge, Mass. Radio receiving sets. 223,778; Feb. 23.
Fort Howard Paper Company, Green Bay, Wis. Paper fabric adapted for skin-cleansing and cosmetic-removing purposes. 218,695; Feb. 23.
Fougera, E., & Co., Inc., New York, N. Y. Liniment and analgesique used externally. 225,826–27; Feb. 23.
Futterman, Joseph, doing business as Perkins Chemical Co., Baltimore, Md. Cough remedy. 225,656; Feb. 23.
Garson, Edgar, Hollywood, Calif. Nonglare attachment for automobile windshields. 220,300; Feb. 23.
Gatterlin, Francis J., Los Angeles, Calif. Toy hobby-horses for children. 225,220; Feb. 23.
Gllormini, Domingo M., Guayama, P. R. Bay oil and bay rum. 221,892; Feb. 23.
Goldberg, Isidor, doing business as National Garter Co., New York, N. Y. Sanitary aprons and sanitary elastic belts. 221,816; Feb. 23.
Goldburg, Edward, Eagle Pass, Tex. Shoes, men's hats, and men's and boys' dress shirts. 217,147; Feb. 23.
Goldhill, Edward S., New York, N. Y. Doughnuts. 219,329; Feb. 23.
Goodling, Daniel W., Richfield, Pa. Live poultry. 212,380; Feb. 23.
Goodling, Daniel W., doing business as The Keystone Hatchery, Richfield, Pa. Live chicks. 213,499; Feb. 23.
Goodyear Tire and Rubber Company, The, Akron, Ohio. Rubber hose. 187,516; Feb. 23.
Goulard & Olena, Inc., New York, N. Y. Insecticides. 225,417; Feb. 23.
Green, Beckman B., Courtland, Calif. Fresh pears. 224,019; Feb. 23.
Gripnstik Co. The, Dover, Ohio. Pliers and wrenches. 204,454; Feb. 23.
Grout, H. S., & Company, Seattle, Wash. Fresh apples. 223,713; Feb. 23.
Harbaugh, Sally, Troy, N. Y. Newspaper section. 225,607; Feb. 23.
Hardman, Peck & Co., New York, N. Y. Pianos, player pianos and reproducing pianos. 224,457; Feb. 23.
Harris, Frank E., Co. Inc., Binghamton, N. Y. Cough sirup. 224,384; Feb. 23.
Harris, Frank E., Co. Inc., Binghamton, N. Y. Spirits of camphor. 224,393; Feb. 23.
Harris, Frank E., Co. Inc., Binghamton, N. Y. Ammonia. 224,399–401; Feb. 23.
Harris, Frank E., Co. Inc., Binghamton, N. Y. Ammonia. 224,403; Feb. 23.
Harris, Frank E., Co. Inc., Binghamton, N. Y. Bluing. 224,404–5; Feb. 23.
Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa. Steel receivers for compressed gases and parts therefor. 224,244; Feb. 23.
Harvey, Mrs. Alberta V., Galveston, Tex. Doll clothes. 223,917; Feb. 23.
Helsingborgs Gummifabriks Aktiebolag, Helsingborg, Sweden. Galoshes, snow boots, bootees, etc. 209,789–90; Feb. 23.
Hennings, Oscar, doing business as Buhring Water Purifying Co., New York, N. Y. Water purifiers of the carbon block and charcoal type. 222,677; Feb. 23.
Hicks, William W., San Francisco, Calif. Electric water heaters including circulation, immersion, and special types, electrical air heaters, etc. 224,189; Feb. 23.
Hide Leather & Belting Company, Indianapolis, Ind. Rear-view mirrors for vehicles. 224,970; Feb. 23.
Higginbotham-Bailey-Logan Company, Dallas, Tex., and New York, N. Y. Hosiery and shoes. 218,485; Feb. 23.
Hill, Dillon R., Medford, Oreg. Fresh apples and fresh pears. 216,907; Feb. 23.
Hoffman, J. S., Company, Chicago, Ill. Cheese. 209,125; Feb. 23.
Hoffman & Mayer, Inc., New York, N. Y. Fresh poultry and eggs. 224,562; Feb. 23.
Homestead Company, The, Des Moines, Iowa. Weekly publication. 225,191; Feb. 23.
Hood Finance Corporation, The, Goldsboro, N. C. Loan system sold to the trade as such, comprising pass books, letterheads, note forms, etc. 205,274; Feb. 23.
Hower, Harry C., Chicago, Ill. Automobile tires and tubes. 169,853; Feb. 23.
Huth, Walter H., doing business aa Walbert Manufacturing Co., Chicago, Ill. Radio receiving apparatus and parts thereof, etc. 217,619; Feb. 23.
Hyjo Co. (Not Inc.), The, Springfield, Ill. Roofing and shingles, etc. 224,333; Feb. 23.
Ichthyolitic Products Corporation of America, New York, N. Y. Soluble sulphonated hydrocarbon. 223,785–7; Feb. 23.
Interstate Manufacturing Company. (See Thomaen, Mrs. Jewell.)
Invincible Laundry Equipment Co., Chicago, Ill. Laundry machinery. 224,822; Feb. 23.
Jones, R. H., & Sons, Birmingham, England. Watches, watchcases, and parts of watches. 203,131; Feb. 23.
Judell, Maxson F., New York, N. Y. Columns in newspapers. 223,477; Feb. 23.
Kansas Flour Mills Company, The, Wichita, Kans., and Alva, Okla. Wheat flour. 223,478; Feb. 23.
Keystone Hatchery, The. (See Goodling, Daniel W.)
Kier Letter Company, Chicago, Ill. Printed advertising matter. 222,126; Feb. 23.
Kirk, James S., & Company, Chicago, Ill. Soap. 223,044; Feb. 23.
Krank, A. J., Mfg. Co., St. Paul, Minn. Hair tonic. 169,884; Feb. 23.
Kreisa, Albert, Gesellschaft m. b. H., Vienna, Austria. Gas-generating plants and parts thereof. 209,554; Feb. 23.
Koffman & Blumenau, Bay City, Mich. Malt sirup for food purposes. 218,766; Feb. 23.
Kuhn, William F., doing business as Simplex Radio Supply Co., St. Louis, Mo. Radio receiving sets and parts. 210,127; Feb. 23.
Lamke, Daniel H., New York, N. Y. Antiseptic tablets. 225,611; Feb. 23.
La Mont Corporation, New York, N. Y. Apparatus for the exchange of heat. 224,770; Feb. 23.
Lang, Caroline E., New York, N. Y. Title for special articles appearing in various publications—namely, such as newspapers. 206,316; Feb. 23.
Lang, Caroline E., New York, N. Y. Nom de plume for special articles appearing in various publications—namely, such as newspapers. 206,317; Feb. 23.
Lanier, Ivan E., doing business as Lauderdale Chemical Co., Fort Lauderdale, Fla. Insecticide. 225,667; Feb. 23.
Lauderdale Chemical Co. (See Lanier, Ivan E.)
Lee, Pattie P., Kansas City, Mo. Complexion cream, massage cream, bath salts, body cream, etc. 221,323; Feb. 23.
Lehmann-Higginson Grocer Company, The, Wichita, Kans. Canned fruits, canned vegetables, canned fish, catchup, vinegar, etc. 219,291; Feb. 23.
Les Parfumes des Courtisanes. (See Martinat, Jean.)
Levy, Maurice, Company, The, New Rochelle, N. Y. Powder puffs. 209,043; Feb. 23.
Lewis, Samuel, New York, N. Y. Treated metal-polishing cloth. 224,411; Feb. 23.
Lewis, Walter, Company, The, Trenton, N. J. Tonic elixir of iron. 223,950; Feb. 23.
Libby, McNeill & Libby, Chicago, Ill. Canned peaches. 223,530; Feb. 23.
Lincoln Radio Corporation, Chicago, Ill. Radio antenna. 224,874; Feb. 23.
Link, Robert L., Asheville, N. C. Confectionery sandwiches. 222,986; Feb. 23.
Lipoidal Laboratories, Inc., New York, N. Y. Preparation for the treatment of narcotic drug addiction disease. 225,562; Feb. 23.
London Button Co., Inc., New York, N. Y. Vegetable ivory buttons. 216,684; Feb. 23.
Maatschappij tot Exploitatie van Rademaker's Koninklijke Cacao & Chocoladefabrieken, The Hague, Netherlands. Sweet chocolate, chocolates, cocoa, candies, etc. 224,776; Feb. 23.
MacLean Drug Company, Chicago, Ill. Dry cleaner. 222,621; Feb. 23.
Maddock's, Thomas, Sons Co., Trenton, N. J. Lavatories, drinking fountains, water-closets, etc. 224,921; Feb. 23.
Mandall & Co., Ltd., Newcastle-on-Tyne, England. Remedy for the treatment of coughs, colds, and other pulmonary ailments. 220,198–9; Feb. 23.
Marshall Field & Company, Chicago, Ill. Bath soap. 216,528; Feb. 23.
Martin Deutsch Co. Inc., New York, N. Y. Ladies' hats. 224,414; Feb. 23.
Martin, Louis L., Toronto, Ontario, Canada. Toy play ball made of celluloid. 224,341; Feb. 23.
Martinat, Jean, doing business as Les Parfumes des Courtisanes, New York, N. Y. Compounds for cleaning the hands and the like, shaving soap, laundry soap, etc. 221,128; Feb. 23.
Martinat, Jean, doing business as Les Parfumes des Courtisanes, New York, N. Y. Compounds for cleaning the hands and the like, shaving soap, laundry soap, etc. 221,130; Feb. 23.
Master Plasterers Association of San Francisco, San Francisco, Calif. Periodical. 221,265; Feb. 23.
Maté, Inc., Philadelphia, Pa. Face powders, face creams, perfumes, nail polishes, etc. 225,723–4; Feb. 23.
McComb Coffee Company, McComb, Miss. Coffee and tea. 224,570; Feb. 23.
McQueen, Harry L., Washington, D. C. Mutton tallow for medicinal uses. 224,022–3; Feb. 23.
Menasha Printing and Carton Company, Menasha, Wis. Empty paper containers and carton for ice cream and similar products. 224,285–6; Feb. 23.
Micamold Radio Corp., Brooklyn, N. Y. Grid leaks and condensers. 219,830; Feb. 23.
Microzone Chemical Co. (See Allen, T. D.)
Michigan Drug Co., The, Detroit, Mich. Nerve and kidney pills, liniment, and compound extract for stomach and bowel diseases. 221,905; Feb. 23.
Mid-Continent Products Company, Chicago, Ill. Adhesives in powdered form to which a liquid is to be added for use and for the said adhesive in its liquid form. 189,466; Feb. 23.
Mid-Mountain Fruit Co., Inc., Bentonville, Ark. Canned fruits, and vegetables, catchup, canned apple butter, etc. 221,268; Feb. 23.

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Miller-Rose Co., La Crosse, Wis. Dressed poultry, eggs, and creamery butter. 220,556; Feb. 23.
Model Mill Co., Jackson, Tenn. Wheat flour. 225,271–2; Feb. 23.
Montgomery Ward & Co., Incorporated, Chicago, Ill. Clocks. 224,922; Feb. 23.
Moore Mills, Inc., Cowpens, S. C. Bedspreads. 224,416; Feb. 23.
Morgan, John C., Company, Traverse City, Mich. Canned fruits and vegetables. 205,022; Feb. 23.
Mull, R. H., Philipsburg, Pa. Coal. 222,862; Feb. 23.
Mutual Electric & Machine Company, Detroit, Mich. Cut-outs, panel boards, switchboards, etc. 220,560; Feb. 23.
Nab Mfg. Co. (See Beer, Nathan.)
Nathan Straus & Sons, Inc., New York, N. Y. Crockery. 224,436; Feb. 23.
National Cloak & Suit Co., New York, N. Y. Automobile ties and inner tubes. 225,109; Feb. 23.
National Garter Co. (See Goldberg, Isidor.)
National Ice Cream Company, Louisville, Ky. Ice cream. 223,860; Feb. 23.
National Radium Laboratories, Inc., Minneapolis, Minn. Preventive of pyorrhea and all mouth infections. 225,099; Feb. 23.
National Sales Book Co., Inc., Long Island City, N. Y. Manifold sales books. 224,524; Feb. 23.
National Toilet Co., Paris, Tenn. Face powders, bleach cream, tissue and wrinkle cream, crème lotion, etc. 225,570; Feb. 23.
Naumburg, Robert E., doing business as Ren Manufacturing Company, Winchester, Mass. Finger rings. 224,571; Feb. 23.
Nevagra Products Inc., New York, N. Y. Hair dye. 224,985; Feb. 23.
Newark Wholesale Grocery Co., Newark, N. J. Vinegar, spices, pepper, and preserved fruits and berries. 212,285; Feb. 23.
New Bedford Cordage Company, New York, N. Y. Cordage—namely, rope, twine, and cord. 225,375; Feb. 23.
New Iberia Canning Company, Inc., New Iberia, La. Sirup for food purposes. 224,104; Feb. 23.
Newman, I., & Sons, Inc., New York, N. Y. Corselettes, brassières, bandeaux, etc. 209,807; Feb. 23.
New York Evening Journal, Inc., New York, N. Y. Newspaper section. 224,718; Feb. 23.
Nippon Dry Goods Company, San Francisco, Calif. Soda ash, caustic soda, bicarbonate of soda, etc. 221,500; Feb. 23.
No-O-Dor Company, The. (See Armstrong, Eugene C.)
Norris, Carl L., Seattle, Wash. Dry cleansers. 217,951; Feb. 23.
Northern Corrugating Company, Green Bay, Wis. Prepared roofing. 223,798; Feb. 23.
Orphos Co., Inc., New York, N. Y. Tooth paste. 220,914; Feb. 23.
Out West Manufacturing Co., Denver, Colo. Rubber tire patches, inner-tube patches, etc. 223,401; Feb. 23.
Out West Manufacturing Co., Denver, Colo. Treated dust cloths, brake dressing, enamel cleaner, etc. 220,861; Feb. 23.
Oxweld Acetylene Company, New York, N. Y. Welding rods. 224,828; Feb. 23.
Pacific Lime & Plaster Co., San Francisco, Calif. Whitewash preparation. 224,672; Feb. 23.
Paragon Phono Parts Manufacturing Co. Inc., Newark, N. J. Motors, turntables, tone arms, reproducers, and parts thereof for phonographs. 223,542; Feb. 23.
Parfums Deroc. (See de Roquefeuil, Louis.)
Perfect Fit Manufacturing Co., Portland, Oreg. Automobile tops and side curtains. 223,323; Feb. 23.
Perkins Chemical Co. (See Futterman, Joseph.)
Perokay, Incorporated, New York, N. Y. Perfumery. 225,573; Feb. 23.
Pieratt, Green B., Chicago, Ill. Candy. 220,570; Feb. 23.
Pines, Ned, New York, N. Y. Bimonthly publication. 220,463; Feb. 23.
Plee-Zing Corporation, New York, N. Y., and Savannah, Ga. Pencil and ink writing pads, memorandum and account books, diaries. 215,478; Feb. 23.
Pollard, W. H., Memphis, Tenn. Canned fruits and canned vegetables, canned fish, etc. 221,449; Feb. 23.
Presstite Engineering Company, The, St. Louis, Mo. Pipe-jointing element for connecting sewer pipe. 223,941; Feb. 23.
Radiall Company, New York, N. Y. Radio tuning dials. 219,557; Feb. 23.
Reliable Cement Products Company, The, Cleveland, Ohio. Laundry trays. 220,573; Feb. 23.
Ren Manufacturing Company. (See Naumburg, Robert E.)
Rich, E. C., Inc., New York, N. Y. Jujubes made of menthol and eucalyptus, of menthol and glycerin, etc. 225,845; Feb. 23.
Rich, E. C., Inc., New York, N. Y. Cough lozenges. 225,847–48; Feb. 23.
Rich, M., & Bros. Co., Atlanta, Ga. Cotton and silk piece goods. 225,733; Feb. 23.
Richmond Hosiery Mills, Rossville, Ga. Hosiery and knitted and netted underwear. 199,325; Feb. 23.
Rignon, Joseph A., Paris, France. Cinematographic apparatus. 218,033; Feb. 23.
Rimmel, Eugene, Societe Anonyme, Paris, France. Perfume, toilet water, face powder, bath salts, etc. 225,057–58; Feb. 23.
Roddenbery, Walter B., Cairo, Ga. Sorghum sirup blended with corn sirup. 223,415; Feb. 23.
Rogers, R. T., Syndicate, Lockhart, Tex. Confection consisting of a chocolate shell and a filler of ice cream. 212,351; Feb. 23.
Rosenstein, William, & Co., doing business as Weltan Shoe Co., Baltimore, Md. Shoes. 224,862; Feb. 23.
Rudin, John, & Company, Inc., Chicago, Ill. Printed books. 222,193; Feb. 23.
Rusby, Henry H., New York, N. Y. Nonalcoholic, maltless beverage sold as a soft drink. 222,580; Feb. 23.
Schenk, Lulu E., doing business as Mrs. A. L. Schenk, Los Angeles, Calif. Salad dressing. 224,477; Feb. 23.
Schering & Glatz, Inc., New York, N. Y. Medicinal preparation recommended for the relief of post-partum pains. 225,680; Feb. 23.
Schmidt, Mary P., Indianapolis, Ind. Healing ointment. 224,055; Feb. 23.
Schreiber Products Corporation, Buffalo, N. Y. Coffee. 223,338–9; Feb. 23.
Scientific American Publishing Co., New York, N. Y. Annual publication. 225,321; Feb. 23.
Self, William D., Little Rock, Ark. Periodical publication comprising a series of maps. 225,681; Feb. 23.
Simplex Radio Supply Co. (See Kuhn, William F.)
Southern Dairies, Inc., Miami, Fla. Butter. 225,289; Feb. 23.
Southern Homes and Gardens Publishing Co., New York, N. Y. Monthly periodical. 225,747; Feb. 23.
Southern Plow Co. Dept. (See Columbus Iron Works Co.)
Southland Battery Company, Washington, D. C. Batteries and their accessories. 221,856; Feb. 23.
Southwestern Coca Cola Bottling Co., Phoenix, Ariz. Jelly and sirup for making the same. 223,748; Feb. 23.
Stack, John, Coal Company, Lorain, Ohio. Coal. 215,659; Feb. 23.
Standard Biscuit Company, Des Moines, Iowa. Biscuits. 225,147; Feb. 23.
Standard Seed Co., doing business as Standard Seed Products Co., Kansas City, Mo. Malt sirup for food purposes. 224,535; Feb. 23.
Star Chemical Co., Arlington, Tex. Parasite remover, an insect remedy and poultry tonic. 215,825; Feb. 23.
Stearns, Frederick, & Company, Detroit, Mich. Perfumes, toilet water, and face powder. 225,408–9; Feb. 23.
Stone-Ordean-Wells Company, Duluth, Minn. Peanut butter. 223,750; Feb. 23.
Storey, H. E., doing business as Storey Laboratories, Houston, Tex. Medicine to be used as a nerve tonic, a general alterative, etc. 224,060; Feb. 23.
Supreme Publishing Co. (See Adelman, Joseph.)
Susu Nut Co., The, Chicago, Ill. Salted nuts. 208,022; Feb. 23.
Sutherland, Martin E., doing business as M. E. Sutherland Medicine Co., Paducah, Ky. Salve for the treatment of croup, cold in the chest, etc. 209,552; Feb. 23.
Tex-A-Tone Chemical Company, Texarkana, Tex. Medicine for the treatment of constipation, indigestion, etc. 224,996; Feb. 23.
Thomas, Erroll B., Newton, Mass. Absorbent material of fibrous character adapted for use in absorbent packages or pads, etc. 224,787; Feb. 23.
Thomsen, Mrs. Jewell, doing business as Interstate Manufacturing Company, Waco, Tex. Treated cloth for polishing automobiles and furniture. 225,044; Feb. 23.
Thurston Cutting Corporation, New York, N. Y. Typewriter ribbon. 225,817; Feb. 23.
Toch Brothers, Incorporated, New York, N. Y. Ready-mixed paints and paint enamels. 224,482; Feb. 23.
Trageser, John, Steam Copper Works, New York, N. Y. Hot-water boilers. 223,823; Feb. 23.
Tripler, F. R., & Co., Inc., New York, N. Y. Felt hats for men and young men. 223,492; Feb. 23.
Tritch, George, Hardware Company, Denver, Colo. Hammers, hatchets, axes, lawn mowers, adzes, auger bits, etc. 224,755; Feb. 23.
Trottier, Emile N., North Adams, Mass. Lace curtains, bedspreads, blankets, and bed comforters. 220,876; Feb. 23.
Ubiko Milling Company, The, Cincinnati, Ohio. Stock and poultry feed, particularly poultry scratch feed. 165,901; Feb. 23.
Uddeholms Aktiebolag, Uddeholm, Sweden. Pig iron, iron, and steel. 224,212; Feb. 23.
Uddeholms Aktiebolag, Uddeholm, Sweden. Bar iron, iron, and Bessemer iron. 224,213; Feb. 23.
Uddeholms Aktiebolag, Uddeholm, Sweden. Iron and steel. 224,214; Feb. 23.
United States Asbestos Company, Manheim, Pa. Fabric transmission and brake linings, facings, packings, gaskets, etc. 219,317; Feb. 23.

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United States Asbestos Company, Manheim, Pa. Fabric transmission and brake linings and facings, packings, gaskets, etc. 219,505; Feb. 23.
U. S. Technical Products Company, New York, N. Y., and Scotch Plains, N. J. Insecticides, deodorants, disinfectants, and antiseptic solutions. 225,152; Feb. 23.
Universal Salad Oil Co. (See Corrao, Antonio.)
Valentine & Company, New York, N. Y. Paste paint or surfacing material. 224,220; Feb. 23.
Van Camp Sea Food Co., Fish Harbor, East San Pedro, Calif. Canned, smoked, and kippered fish. 224,062; Feb. 23.
Van Landingham Co., The, Los Angeles, Calif. Canned sardines. 224,267; Feb. 23.
Walbert Manufacturing Co. (See Huth, Walter H.)
Wales, Betty, Inc., New York, N. Y. Perfumes, toilet waters, etc. 224,490; Feb. 23.
Weltan Shoe Co. (See Rosenstein, William, & Co.)
West Electric Hair Curler Corporation, Philadelphia, Pa. Switches and false hair pieces for covering the short ends of bobbed hair, etc. 219,415; Feb. 23.
Westphal, Paul, New York, N. Y. Liquid for treating the hair, toilet water, hair dyes, etc. 225,050; Feb. 23.
Whitex Manufacturing Company. (See Adler, Seymour B.)
Wills, Fannie H., Quincy, Ill. Liniment, horse renovating powders, and colic remedies for horses. 225,459; Feb. 23.
Wolverine Brass Works, Grand Rapids, Mich. Basin connection. 224,222; Feb. 23.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Boots, shoes, and slippers and leather therefor. Packard & Field. 48,127; renewed Jan. 23, 1926.
Coal. Blackwood Coal and Coke Company. 209,609–11; Feb. 23.
Coal. Green River Fuel Company. 209,504; Feb. 23; Serial No. 217,091; published Dec. 8, 1925.
Coal. Midland Coal Company. 209,613; Feb. 23.
Coal. Wallins Creek Coal Company. 209,502; Feb. 23; Serial No. 213,106; published Dec. 8, 1925.
Foxes and fox pelts, Live. Duffus Silver Fox Corporation. 209,341; Feb. 23; Serial No. 215,538; published Nov. 3, 1925.
Furs. M. W. Meek. 209,608; Feb. 23.
Leather. Monarch Leather Company. 209,626; Feb. 23.
Leather, Harness, sole, and skirting. A. B. Patrick & Co. 51,758; renewed Apr. 24, 1926.
Resin. Forest Department of the Federated Malay States Government. 209,348; Feb. 23; Serial No. 216,672; published Nov. 10, 1925.

CLASS 2.

Caskets and coffins. Carolina Casket Company. 209,383; Feb. 23; Serial No. 221,349; published Dec. 1, 1925.

CLASS 3.

Bags and suitcases. A. G. Spalding & Bros. 209,324; Feb. 23; Serial No. 220,369; published Dec. 1, 1925.
Collars, collar-pads, and backbands. Couch Brothers & J. J. Engan Co. 50,927; renewed Apr. 3, 1926.

CLASS 4.

Cleaning compound. A. Miller. 209,452; Feb. 23; Serial No. 215,871; published Nov. 17, 1925.
Dressing and valve-grinding compound, Auto top. F. Swain. 209,416; Feb. 23; Serial No. 212,702; published Dec. 1, 1925.
Dressing, Shoe. I. Miller & Sons, Inc. 209,304; Feb. 23; Serial No. 216,061; published Dec. 1, 1925.
Preparation for the hair and bathing purposes, Toilet. Illiscox Chemical Works. 209,315; Feb. 23; Serial No. 218,757; published Dec. 1, 1925.
Silver polish. Gorham Mfg. Company. 209,428; Feb. 23; Serial No. 220,772; published Nov. 17, 1925.
Soap and shaving sticks, Shaving. Colgate & Company. 209,299; Feb. 23; Serial No. 213,890; published Dec. 1, 1925.
Soap chips. Globe Soap Company. 209,312; Feb. 23; Serial No. 218,478; published Nov. 24, 1925.
Soap, Laundry. F. R. Maronde. 209,426; Feb. 23; Serial No. 220,731; published Nov. 17, 1925.
Soap, Powdered. I. & G. Soap Works. 209,430; Feb. 23; Serial No. 221,322; published Nov. 17, 1925.
Soaps. Societe en Nom Collectif M. & L. Biette Freres. 209,417; Feb. 23; Serial No. 213,326; published Nov. 24, 1925.
Soaps, Toilet and face. L. Cavalieri. 209,306; Feb. 23; Serial No. 216,710; published Nov. 24, 1925.

CLASS 5.

Colors, Uniting agents for. Ferdinand Sichel Chemische Fabrik Lismer. 51,505; renewed Apr. 17, 1926.

CLASS 6.

Antiseptic, astringent, and deodorant mouth wash. E. C. Miller. 209,520; Feb. 23; Serial No. 221,429; published Dec. 1, 1925.
Asafetida, calomel, senna and manna, etc., Gum. Van Antwerp's Drug Corporation, Inc. 209,632; Feb. 23.
Bath salts. Perma Products Co. 209,523; Feb. 23; Serial No. 222,045; published Dec. 1, 1925.
Colors for printing and dyeing, Manufactured. American Dyewood Co. 54,094; renewed June 19, 1926.
Cream, muscle oil, poze cream, skin tonic, rouge, etc., Cleansing. Lady Margaret Toilet Goods Co. 209,462; Feb. 23; Serial No. 221,624; published Dec. 1, 1925.
Creams, Face. F. F. Ingram. 52,177; renewed May 1, 1926.
Creams, hair tonics, rouges, etc., Face. Chickee Company. 209,466; Feb. 23; Serial No. 221,659; published Dec. 1, 1925.
Disinfectant and deodorizer. G. G. Randall. 209,525; Feb. 23; Serial No. 222,046; published Dec. 1, 1925.
Extract of corpus luteum. Eli Lilly & Company. 209,373; Feb. 23; Serial No. 222,688; published Dec. 8, 1925.
Extract of the ovarian gland. Eli Lilly & Company. 209,394; Feb. 23; Serial No. 222,687; published Dec. 8, 1925.
Hairdressing. L. Combs. 209,635; Feb. 23.
Hair tonic. V. Tittle. 209,465; Feb. 23; Serial No. 221,647; published Dec. 1, 1925.
Laxative. Better Health Company. 209,521; Feb. 23; Serial No. 221,474; published Dec. 1, 1925.
Laxative. M. Burde. 209,528; Feb. 23; Serial No. 222,107; published Dec. 1, 1925.
Laxative food. M. & O. Manufacturing Company. 209,505; Feb. 23; Serial No. 219,192; published Dec. 1, 1925.
Laxative pills or tablets. K. A. Hughes Company. 209,527; Feb. 23; Serial No. 222,070; published Dec. 1, 1925.
Laxatives. H. L. Fischer. 209,303; Feb. 23; Serial No. 215,741; published Oct. 27, 1925.
Medicinal and stock food. Dr. Hess & Clark. 53,247; renewed May 29, 1926.
Medicinal powdered boric acid, carbolic-acid mixture, bug poison, etc. International Drug Sales Co. 209,642; Feb. 23.
Medicinal preparations. Bristol-Myers Company. 53,030; renewed May 22, 1926.
Medicine, Cathartic. Sterling Remedy Company. 52,189; renewed May 1, 1926.
Medicine for diphtheria, etc. T. E. Malone. 209,365; Feb. 23; Serial No. 218,317; published Nov. 3, 1925.
Medicine for indigestion. Sterling Remedy Company. 52,459; renewed May 8, 1926.
Medicine for pyorrhea and ailments of the oral tissues. F. Borchers. 209,514; Feb. 23; Serial No. 222,003; published Dec. 1, 1925.
Medicine or pharmaceutical preparation. Eli Lilly & Company. 209,393; Feb. 23; Serial No. 222,686; published Dec. 8, 1925.
Perfume, toilet water, talcum, beauty cream, etc. United Drug Company. 209,541; Feb. 23; Serial No. 220,982; published Dec. 1, 1925.
Perfumes. John Wanamaker, Philadelphia. 209,397; Feb. 23; Serial No. 187,893; published Jan. 1, 1924.
Perfumes, toilet waters, face lotions, rouges, etc. Lionel Trading Co. 209,518; Feb. 23; Serial No. 221,018; published Dec. 1, 1925.
Powder, Heave. Dr. Hess & Clark. 53,081; renewed May 22, 1926.
Powder used as a dentifrice, mouth wash, and throat gargle. J. Hermans. 209,458; Feb. 23; Serial No. 221,488; published Dec. 1, 1925.
Powders, face creams, perfumes, rouges, etc., Face. Crystal-Lee, Inc. 209,516; Feb. 23; Serial No. 222,014; published Dec. 1, 1925.
Preparation for use in the treatment of bruises, etc., of livestock and as a fumigant for spraying fruits, etc. M. F. Martin. 209,411; Feb. 23; Serial No. 211,691; published May 26, 1925.
Purgative compounds, Liquid. California Fig Syrup Co. 49,561; renewed Feb. 13, 1926.
Remedy, Antiseptic and astringent. W. Breslaw. 209,515; Feb. 23; Serial No. 222,009; published Dec. 1, 1925.
Remedy for croup, coughs, and bronchial affections. C. V. Dorman. 53,594; renewed June 5, 1926.
Salts, Effervescent beverage. Achille Brioschi & Co. 209,297–8; Feb. 23; Serial Nos. 222,908–9; published Dec. 15, 1925.
Soda ash and caustic soda. Michigan Alkali Company. 53,349; renewed May 29, 1926.

Toilet preparations. A. A. Lindsey. 209,451; Feb. 23; Serial No. 214,732; published Nov. 24, 1925.
Tonic and blood purifier, System. A. Rosenbluth. 209,614; Feb. 23.
Tonic and preparation for making syringe solution, Female. B. E. Thomas. 209,531; Feb. 23; Serial No. 222,147; published Dec. 1, 1925.
Tooth paste. S. S. White Dental Mfg. Co. 53,359; renewed May 29, 1926.
Wash, Mouth, nose, and throat. Lavoris Chemical Company. 53,922; renewed June 12, 1926.
Water-treating and boiler-cleaning material. R. L. Tuggle. 209,459; Feb. 23; Serial No. 221,575; published Dec. 1, 1925.
Witch-hazel extract. E. E. Dickinson Co. 209,362; Feb. 23; Serial No. 218,054; published Oct. 27, 1925.

CLASS 7.

Ropes, cords, twines, and lines. Silver Lake Company. 54,345; renewed June 26, 1926.

CLASS 8.

Pipes, cigar and cigarette holders, cases, and pouches. Rubinovich and Haskell Limited. 209,490; Feb. 23; Serial No. 221,280; published Dec. 1, 1925.

CLASS 10.

Fertilizer. Southern Fertilizer & Chemical Company. 209,533; Feb. 23; Serial No. 221,980; published Dec. 1, 1925.

CLASS 11.

Carbon papers and typewriting ribbons. W. Koreska. 209,557; Feb. 23; Serial No. 208,200; published Nov. 3, 1925.

CLASS 12.

Asphalt. Gilmore Oil Company. 209,376; Feb. 23; Serial No. 220,715; published Dec. 1, 1925.
Channels and L-channels for use in building construction. United Alloy Steel Corporation. 209,395; Feb. 23; Serial No. 154,893; published Sept. 4, 1923.
Lime. Glencoe Lime & Cement Company. 47,271; renewed Oct. 31, 1925.
Lime. J. P. Rich. 209,381; Feb. 23; Serial No. 221,074; published Dec. 1, 1925.
Lumber and construction materials. W. D. Wood Lumber Company. 209,398; Feb. 23; Serial No. 190,624; published Dec. 23, 1924.
Paper, Roof and building. F. W. Bird & Son. 52,087; renewed May 1, 1926.
Roofing, Asbestos. J. E. Harris Company. 209,643; Feb. 23.

CLASS 13.

Fence, Wire. Crawfordsville Wire & Nail Co. 209,537; Feb. 23; Serial No. 222,309; published Dec. 1, 1925.
Key chains, chain couplings, and clip terminals. Harvey Hubbell, Incorporated. 209,636; Feb. 23.
Nails, Horse. Capewell Horse Nail Company. 50,450; renewed Mar. 20, 1926.
Nails, Horse. Capewell Horse Nail Company. 51,221; renewed Apr. 10, 1926.
Steel ware, Stamped. Jacob J. Vollrath Mfg. Co. 49,799; renewed Feb. 20, 1926.
Utensils for making coffee. Wagner Manufacturing Company. 209,627; Feb. 23.
Wire cloth, Door and window screen. Gilbert & Bennett Manufacturing Company. 52,203; renewed May 1, 1926.

CLASS 14.

Castings. Western Pattern & Foundry Company. 209,633; Feb. 23.
Steel. Kloster Steel Corporation. 209,538; Feb. 23; Serial No. 222,325; published Dec. 1, 1925.

CLASS 15.

Fuel for internal-combustion engines. Bradford Oil Company. 209,638; Feb. 23.
Gasoline. Magnolia Petroleum Company. 209,399; Feb. 23; Serial No. 183,260; published Nov. 10, 1925.
Gasoline. C. H. Wagoner. 209,545; Feb. 23; Serial No. 187,890; published Nov. 24, 1925.
Gasoline and kerosene. Dorn Oil Company. 209,434; Feb. 23; Serial No. 183,260; published Nov. 10, 1925.
Grease and oils, Lubricating. Diamond Compound Company. 46,766; renewed Oct. 10, 1925.
Grease, Lubricating. Adam Cook's Sons. 52,547; renewed May 15, 1926.
Lubricants. Bang Service Stations, Inc. 209,444; Feb. 23; Serial No. 207,168; published Nov. 24, 1925.

CLASS 16.

Cleaner. S. L. Products Company. 209,338; Feb. 23; Serial No. 214,976; published Nov. 17, 1925.
Coloring matter for mortar and bricks, Mineral. Chattanooga Paint Co. 53,949; renewed June 19, 1926.
Dressing and liquid polish, Floor. Northwest Chemical & School Supply Co. 209,335; Feb. 23; Serial No. 213,663; published Nov. 24, 1925.
Finish, Wall. Tillette Cement Company. 209,327; Feb. 23; Serial No. 220,430; published Dec. 1, 1925.
Lead oxide. Andrews Lead Company. 209,342; Feb. 23; Serial No. 215,675; published Nov. 3, 1925.
Oil colors, Artists'. Weimarfarbe, Gesellschaft mit beschrankter Haftung. 208,396; Feb. 23; Serial No. 180,675; published Nov. 17, 1925.
Oil enamel for interior use, Processed. Remien & Kuhnert Co. 209,596; Feb. 23; Serial No. 219,764; published Nov. 3, 1925.
Oil, turpentine, and paints, Raw linseed and boiled linseed. West Lumber Company. 209,350; Feb. 23; Serial No. 217,313; published Nov. 10, 1925.
Paint, Aluminum. Sullivan Company. 209,360; Feb. 23; Serial No. 218,027; published Nov. 10, 1925.
Paint and varnish remover. Vler-Slos Chemical Co. 209,586; Feb. 23; Serial No. 219,562; published Nov. 17, 1925.
Paint base, Compound for use as a cement-. Sullivan Company. 209,597; Feb. 23; Serial No. 219,858; published Nov. 24, 1925.
Paint base, Compound for use as a cement-. Sullivan Company. 209,598; Feb. 23; Serial No. 219,862; published Nov. 24, 1925.
Paint, Ready-mixed. Davis Paint Company. 209,369; Feb. 23; Serial No. 218,953; published Nov. 10, 1925.
Paint, Ready-mixed. R. M. Sitterley. 209,345; Feb. 23; Serial No. 216,231; published Dec. 1, 1925.
Paint, varnish, and enamel. W. P. Fuller & Co. 209,305; Feb. 23; Serial No. 216,596; published Sept. 22, 1925.
Paints and varnishes, Ready-mixed. Paragon Paint & Varnish Corporation. 209,556; Feb. 23; Serial No. 207,513; published Nov. 10, 1925.
Paints, Flat wall. Amalgamated Paint Company. 209,583; Feb. 23; Serial No. 219,511; published Nov. 10, 1925.
Paints, paint enamels, pigments in oil (paste), and varnishes, Mixed. A. J. Field. 209,421; Feb. 23; Serial No. 219,116; published Nov. 17, 1925.
Paints, paint enamels, pigments in oil (paste), and varnishes, Mixed. A. J. Field. 209,579; Feb. 23; Serial No. 219,117; published Nov. 17, 1925.
Paints, paint enamels, stains, varnishes, and lacquers, Ready-mixed. Seattle Paint Company. 209,413; Feb. 23; Serial No. 211,951; published Nov. 17, 1925.
Paints, paint enamels, varnishes, etc., Mixed. A. J. Field. 209,371; Feb. 23; Serial No. 219,115; published Nov. 17, 1925.
Paints, Prepared liquid. Spray Paint Company. 209,603; Feb. 23; Serial No. 220,040; published Nov. 17, 1925.
Paints, varnishes, oil colors, etc. Holland Varnish Company. 209,554; Feb. 23; Serial No. 206,668; published Nov. 3, 1925.
Polish, Automobile. S. A. Mead. 209,359; Feb. 23; Serial No. 218,014; published Nov. 17, 1925.
Polish for furniture, woodwork, etc. Bouquet-Brownson Co. 209,587; Feb. 23; Serial No. 219,712; published Nov. 24, 1925.
Polish, Furniture. Sunglow Company. 209,572; Feb. 23; Serial No. 220,483; published Nov. 17, 1925.
Polishes, Liquid automobile. Kleinberger & Comp. Aktiengesellschaft. 209,408; Feb. 23; Serial No. 206,905; published Nov. 10, 1925.
Preparations for removing paint and varnish, etc. India Alkali Works. 209,356; Feb. 23; Serial No. 217,711; published Nov. 17, 1925.
Shellac and shellac substitutes, Prepared. Marx & Rawolle, Inc. 209,560; Feb. 23; Serial No. 210,495; published Nov. 3, 1925.
Varnish and mixed paint. F. Nogues. 209,366; Feb. 23; Serial No. 218,319; published Nov. 10, 1925.
Varnish and paints. De Soto Paint Manufacturing Co. 209,407; Feb. 23; Serial No. 203,075; published Nov. 3, 1925.

CLASS 17.

Cigarettes. Palestine Cigarette & Tobacco Co. 209,568; Feb. 23; Serial No. 220,357; published Dec. 1, 1925.
Cigars. B. Midulla. 209,584; Feb. 23; Serial No. 221,372; published Dec. 1, 1925.
Cigars, Havana. Havana Commercial Company. 52,696; renewed May 15, 1926.
Cigars, Havana. Havana Commercial Company. 53,485–6; renewed June 5, 1926.
Cigars, Havana. Havana Commercial Company. 53,978; renewed June 19, 1926.
Cigars, Havana, Havana Commercial Company. 54,007; renewed June 19, 1926.
Tobacco and cigarettes. Larus & Brother Co. 209,563; Feb. 23; Serial No. 212,089; published Sept. 1, 1925.

CLASS 19.

Automobiles, Passenger-carrying. Willys-Overland Company. 209,410; Feb. 23; Serial No. 211,510; published Nov. 24, 1925.
Bicycles. A. G. Spalding & Bros. 209,511; Feb. 23; Serial No. 220,370; published Dec. 8, 1925.
Bicycles and parts of bicycles. L. A. Olmsted. 209,625; Feb. 23.
Fender braces and headlight supports, Combined. Autry Motor Company. 209,497; Feb. 23; Serial No. 209,610; published Dec. 8, 1925.
Oilers, Spring. C. Goodwin Bradley, Incorporated. 209,424; Feb. 23; Serial No. 220,595; published Nov. 17, 1925.
Pivot shackles, tension shackles, radius-rod anchors, etc. Belfiex Corporation. 209,507; Feb. 23; Serial No. 219,870; published Dec. 8, 1925.

Radiators for internal-combustion engines. Pierce-Arrow Motor Car Company. 209,319; Feb. 23; Serial No. 219,302; published Dec. 1, 1925.
Spring covers. Houdaille Company. 209,631; Feb. 23.
Vehicle parts. Commonwealth Steel Company. 209,361; Feb. 23; Serial No. 218,051; published Nov. 24, 1925.
Vehicles, Children's hand and foot propelled. Gendron Wheel Co. 47,894; renewed Nov. 28, 1925.

CLASS 20.

Linoleum. Armstrong Cork Company. 209,460; Feb. 23; Serial No. 221,583; published Dec. 1, 1925.

CLASS 21.

Condensers, Variable. A. H. Grebe & Co. 209,561; Feb. 23; Serial No. 210,058; published Dec. 1, 1925.
Electric switches and parts thereof and mountings and enclosures therefor. D. & W. Fuse Co. 52,844; renewed May 22, 1926.

CLASS 22.

Cards, Playing. The New York Consolidated Card Company. 48,531-2; renewed Jan. 2, 1926.
Cards, Playing. New York Consolidated Card Company. 48,562-4; renewed Jan. 2, 1926.
Cards, Playing. New York Consolidated Card Company. 48,734; renewed Jan. 9, 1926.
Cards, Playing. New York Consolidated Card Company. 48,738; renewed Jan. 9, 1926.
Cards, Playing. New York Consolidated Card Company. 48,762-4; renewed Jan. 9, 1926.
Cards, Playing. New York Consolidated Card Company. 48,766-7; renewed Jan. 9, 1926.
Cards, Playing. New York Consolidated Card Company 49,103-4; renewed Jan. 23, 1926.
Cards, Playing. New York Consolidated Card Company. 49,110; renewed Jan. 23, 1926.
Cards, Playing. New York Consolidated Card Company. 49,413-5; renewed Feb. 6, 1926.
Cards, Playing. New York Consolidated Card Company. 49,417-8; renewed Feb. 6, 1926.
Cards, Playing. New York Consolidated Card Company. 49,742; renewed Feb. 13, 1926.
Cards, Playing. New York Consolidated Card Company. 49,841-2; renewed Feb. 20, 1926.
Cards, Playing. New York Consolidated Card Company. 49,936; renewed Feb. 27, 1926.
Cards, Playing. New York Consolidated Card Company. 50,024; renewed Feb. 27, 1926.
Cards, Playing. New York Consolidated Card Company. 50,061; renewed Feb. 27, 1926.
Cards, Playing. United States Playing Card Co. 48,745; renewed Jan. 9, 1926.
Cards, Playing. United States Playing Card Co. 48,865-6; renewed Jan. 16, 1926.
Cards, Playing. United States Playing Card Co. 48,868; renewed Jan. 16, 1926.
Cards, Playing. United States Playing Card Co. 48,870; renewed Jan. 16, 1926.
Cards, Playing. United States Playing Card Co. 48,871-5; renewed Jan. 16, 1926.
Cards, Playing. United States Playing Card Co. 48,877-8; renewed Jan. 16, 1926.
Cards, Playing. United States Playing Card Co. 48,882-6; renewed Jan. 16, 1926.
Cards, Playing. United States Playing Card Co. 48,888-95; renewed Jan. 16, 1926.
Cards, Playing. United States Playing Card Co. 49,114; renewed Jan. 23, 1926.
Cards, Playing. United States Playing Card Co. 49,255-6; renewed Jan. 30, 1926.
Cards, Playing. United States Playing Card Co. 49,419-25; renewed Feb. 6, 1926.
Cards, Playing. United States Playing Card Co. 49,747-8; renewed Feb. 13, 1926.
Cards, Playing. United States Playing Card Co. 49,803; renewed Feb. 20, 1926.
Cards, Playing. United States Playing Card Co. 49,846; renewed Feb. 20, 1926.
Golf balls. A. G. Spalding & Bros. 52,125; renewed May 1, 1926.
Golf clubs and balls and baseball bats. Hillerich & Bradsby Co. 209,562; Feb. 23; Serial No. 211,337; published Nov. 10, 1925.
Teeter totters, swings, trapezes, etc. Playground & Gymnasium Equipment Co. 209,624; Feb. 23.

CLASS 23.

Axes, hatchets, and adzes. Collins Company. 50,481; renewed Mar. 20, 1926.
Bearings, Ball and roller. Riebe-Werk Aktiengesellschaft. 209,503; Feb. 23; Serial No. 215,877; published Dec. 15, 1925.
Dish, silver, and glass cleaning machines and metal-parts-cleaning machines. Colt's Patent Fire Arms Manufacturing Company. 209,512; Feb. 23; Serial No. 220,596; published Dec. 15, 1925.
Engines, Rotary steam. Baker Motors, Inc. 209,495; Feb. 23; Serial No. 202,275; published Dec. 15, 1925.
Governors. Engine. Pickering Governor Company. 52,627; renewed May 15, 1926.
Hammers. Kelly Axe & Tool Company. 209,539; Feb. 23; Serial No. 222,074; published Dec. 15, 1925.
Horse powers, windlasses, vises, grinding mills, etc. Flint & Walling Mfg. Company. 209,509; Feb. 23; Serial No. 220,066; published Dec. 15, 1925.
Knife, Hunting. Cattaraugus Cutlery Co. 209,542; Feb. 23; Serial No. 220,994; published Dec. 15, 1925.
Knife Sheath. Cattaraugus Cutlery Co. 209,517; Feb. 23; Serial No. 220,995; published Dec. 15, 1925.
Knives, clippers, scissors, etc. Friedr. Herder Abr. Sohn. 209,441; Feb. 23; Serial No. 204,449; published Nov. 24, 1925.
Plows and cultivators. Vulcan Plow Co. 52,116; renewed May 1, 1926.
Plowshares, lister shares, middle-breaker shares, and cultivator shovels. Havana Manufacturing Company. 209,501; Feb. 23; Serial No. 212,813; published Dec. 15, 1925.
Plowshares, lister shares, middle-breaker shares, and cultivator shovels. Havana Manufacturing Company. 209,513; Feb. 23; Serial No. 220,778; published Dec. 15, 1925.
Pocketknives. Utica Cutlery Company. 209,540; Feb. 23; Serial No. 220,811; published Dec. 15, 1925.
Razor blades. International Safety Razor Corporation. 209,510; Feb. 23; Serial No. 220,074; published Dec. 15, 1925.
Razors and pocket knives. A. L. Silberstein. 53,342; renewed May 8, 1926.
Reamers. Wetmore Reamer Company. 209,522; Feb. 23; Serial No. 221,578; published Dec. 15, 1925.
Ring travelers. National Ring Traveler Co. 209,498; Feb. 23; Serial No. 210,744; published Dec. 15, 1925.
Shovels, scoops, and spades. St. Louis Shovel Co. 54,314; renewed June 26, 1926.
Shovels, scoops, and spades. St. Louis Shovel Co. 54,346; renewed June 26, 1926.

CLASS 25.

Safes. Herring-Hall-Marvin Safe Company. 54,280; renewed June 26, 1926.

CLASS 26.

Calculating machines. G. Mez. 209,320; Feb. 23; Serial No. 219,437; published Dec. 1, 1925.
CO_2 and temperature recorders, Combined. Uehling Instrument Company. 209,606; Feb. 23.
Registers, Cash and autographic. National Cash Register Co. 53,129; renewed May 29, 1926.
Spectacles, eyeglasses, and lenses. Charles Meister's Sons. 209,314; Feb. 23; Serial No. 218,654; published Dec. 1, 1925.

CLASS 27.

Clocks. Ansonia Clock Company. 49,731; renewed Feb. 13, 1926.

CLASS 28.

Jewelry. Phoenix Jewelry Co. 48,804; renewed Jan. 16, 1926.

CLASS 29.

Brooms. Kova Brush & Broom Manufacturing Company. 209,378; Feb. 23; Serial No. 220,905; published Dec. 1, 1925.
Toothbrushes. Florence Manufacturing Company. 53,373-4; renewed June 5, 1926.
Toothbrushes. Florence Manufacturing Company. 53,546; renewed June 5, 1926.

CLASS 31.

Filters and water-softening apparatus. Duro Pump and Manufacturing Company. 209,574; Feb. 23; Serial No. 220,508; published Dec. 1, 1925.

CLASS 32.

Furniture, Household wooden. Johnson Furniture Company. 209,443; Feb. 23; Serial No. 206,413; published Nov. 24, 1925.
Tables, chairs, desks, mirrors, etc. L. Bamberger & Company. 209,440; Feb. 23; Serial No. 204,295; published Nov. 17, 1925.

CLASS 34.

Furnaces, Coal. Cokal Stoker Corporation. 209,581; Feb. 23; Serial No. 219,274; published Nov. 17, 1925.
Furnaces, Warm-air. International Heater Company. 209,586; Feb. 23; Serial No. 219,587; published Nov. 3, 1925.
Gas heaters and parts thereof. J. H. Grayson Manufacturing Company. 209,352; Feb. 23; Serial No. 217,510; published Oct. 6, 1925.

CLASS 35.

Belting, Leather. Graton and Knight Manufacturing Company. 49,546; renewed Feb. 6, 1926.
Piston rings. Piston Ring Company. 209,628; Feb. 23.

CLASS 37.

Paper and mailing envelopes, Writing and printing. Carew Manufacturing Company. 209,487; Feb. 23; Serial No. 221,165; published Dec. 1, 1925.
Paper fasteners. Treiber-Cahill Mfg. Co. 209,449; Feb. 23; Serial No. 213,534; published Nov. 10, 1925.
Paper, Florists' crêpe. Tuttle Press Company. 209,486; Feb. 23; Serial No. 221,149; published Dec. 1, 1925.

Paper tape, Gummed. Nashua Gummed & Coated Paper Company. 209,310; Feb. 23; Serial No. 217,525; published Dec. 1, 1925.
Paper, Toilet. J. S. Hartman. 209,607; Feb. 23.
Paper, Typewriter. Rockwell-Barnes Company. 209,478; Feb. 23; Serial No. 220,874; published Dec. 1, 1925.
Paper, Typewriter. W. S. Tuttle. 209,457; Feb. 23; Serial No. 221,463; published Dec. 1, 1925.
Photographic mounts and albums. Ansco Photoproducts, Inc. 209,321; Feb. 23; Serial No. 219,796; published Dec. 1, 1925.
Stationery, Printed. C. R. Myers. 209,454; Feb. 23; Serial No. 221,373; published Dec. 1, 1925.

CLASS 38.

Books. Saml. Gabriel Sons & Company. 209,322; Feb. 23; Serial No. 219,888; published Dec. 1, 1925.
Card, Color. Widder Bros. 209,429; Feb. 23; Serial No. 220,815; published Nov. 10, 1925.
Comic strip. NEA Service, Inc. 209,445; Feb. 23; Serial No. 207,511; published Nov. 24, 1925.
Comic strip. NEA Service, Inc. 209,446; Feb. 23; Serial No. 207,879; published Nov. 24, 1925.
Comic strips. Life Publishing Company. 209,536; Feb. 23; Serial No. 222,261; published Dec. 1, 1925.
House organ. Kier Letter Company. 209,529; Feb. 23; Serial No. 222,125; published Dec. 1, 1925.
House organ published monthly. Dickie-Raymond. 209,419; Feb. 23; Serial No. 213,625; published Dec. 1, 1925.
Lithographic prints. Atlantic Lithographic and Printing Company. 209,508; Feb. 23; Serial No. 220,014; published Dec. 8, 1925.
Magazine issued monthly. Doubleday, Page & Co. 209,448; Feb. 23; Serial No. 213,012; published Nov. 17, 1925.
Magazine, Monthly. W. G. Bruce. 52,316; renewed May 8, 1926.
Magazine, Monthly. Corte Publishing Company. 209,534; Feb. 23; Serial No. 222,221; published Dec. 1, 1925.
Magazine, Monthly. W. H. Reed, Jr. 209,423; Feb. 23; Serial No. 220,468; published Nov. 24, 1925.
Magazine, Monthly. Sunset Magazine, Inc. 209,499; Feb. 23; Serial No. 212,577; published Dec. 8, 1925.
Magazine section. Leslie-Judge Company. 209,530; Feb. 23; Serial No. 222,130; published Dec. 1, 1925.
Music and music books, Sheet. Leo Feist. 54,074; renewed June 19, 1926.
Newspaper feature articles. Famous Features Syndicate, Inc. 209,535; Feb. 23; Serial No. 222,230; published Dec. 1, 1925.
Pamphlets and periodicals. Shapleigh Hardware Company. 209,496; Feb. 26; Serial No. 202,718; published Dec. 8, 1925.
Periodicals. Edward Smith & Co. 209,506; Feb. 23; Serial No. 219,609; published Dec. 8, 1925.
Periodicals, Monthly. Curtis Publishing Company. 209,532; Feb. 23; Serial No. 221,880; published Dec. 1, 1925.
Pictures, Series of fanciful. Dough-Boy Dough-Saver Series Company. 209,548; Feb. 23; Serial No. 201,838; published Dec. 1, 1925.
Printed publication issued monthly. National Butchers' and Packers' Supply Association. 209,427; Feb. 23; Serial No. 220,735; published Nov. 24, 1925.
Publication, Annual. A. Davison. 209,456; Feb. 23; Serial No. 221,410; published Dec. 1, 1925.

CLASS 39.

Apparel, Women's and misses'. Kroeger Store, Incorporated. 209,580; Feb. 23; Serial No. 219,190; published Dec. 1, 1925.
Belts for personal wear. A. G. Gennert. 209,336; Feb. 23; Serial No. 214,410; published Nov. 24, 1925.
Boots and shoes. Helmholz Shoe Manufacturing Company. 209,576; Feb. 23; Serial No. 220,531; published Nov. 24, 1925.
Boots and shoes. Woodbury Shoe Company. 209,549; Feb. 23; Serial No. 203,017; published Dec. 1, 1925.
Boots and shoes, Leather. P. W. Minor & Son. 50,283; renewed Mar. 6, 1926.
Boots and shoes, Welting for. P. E. Barbour. 209,377; Feb. 23; Serial No. 220,838; published Nov. 17, 1925.
Brassières, girdles, and combination brassières and girdles. L. F. Tighe. 209,584; Feb. 23; Serial No. 219,560; published Nov. 24, 1925.
Breast supporters, collars, belts, corsets, and hose supporters. T. M. Negri. 209,349; Feb. 23; Serial No. 217,285; published Nov. 24, 1925.
Caps. H. Newman Co. 209,602; Feb. 23; Serial No. 219,984; published Nov. 17, 1925.
Caps. Tri-City Cap Manufacturing Company. 209,475; Feb. 23; Serial No. 220,747; published Dec. 1, 1925.
Cloaks, jackets, gowns, fur coats, muffs, etc. Société Worth. 209,415; Feb. 23; Serial No. 212,405; published Dec. 1, 1925.
Coats, suits, dresses, and lingerie. Harmony Co. 209,524; Feb. 23; Serial No. 221,830; published Dec. 1, 1925.
Coats, trousers, vests, and suits. Crane-Kent Clothes Inc. 209,477; Feb. 23; Serial No. 220,762; published Dec. 1, 1925.
Collars. Cluett, Peabody & Co. 209,340; Feb. 23; Serial No. 215,233; published Dec. 1, 1925.
Corsets. Lord & Taylor. 209,374; Feb. 23; Serial No. 220,662; published Nov. 17, 1925.
Corsets. Royal Worcester Corset Co. 50,338-9; renewed Mar. 13, 1926.
Dresses. Franchon Company. 209,473; Feb. 23; Serial No. 221,814; published Dec. 1, 1925.
Garments, Waterproof. Edward Macbean & Company Limited. 209,519; Feb. 23; Serial No. 221,124; published Dec. 1, 1925.
Girdles, corset garters, brassières, and garters. W. F. Moore. 209,601; Feb. 23; Serial No. 219,978; published Nov. 24, 1925.
Gloves. Peerless Glove Company. 209,412; Feb. 23; Serial No. 211,701; published Oct. 27, 1925.
Gloves. D. Power & Sons Limited. 209,331; Feb. 23; Serial No. 220,677; published Dec. 1, 1925.
Hats. Boera Bros. 209,330; Feb. 23; Serial No. 220,594; published Dec. 1, 1925.
Hats. F. F. Cadmus. 209,422; Feb. 23; Serial No. 220,214; published Nov. 24, 1925.
Hats. Regun Millinery Company. 209,565; Feb. 23; Serial No. 220,323; published Nov. 24, 1925.
Hats and caps. L. Beck. 209,615; Feb. 23.
Hats and hat linings. Louis Miller & Company. 209,343; Feb. 23; Serial No. 215,804; published Sept. 29, 1925.
Hats, bonnets, and caps, Infants' and children's. Little Princess Headwear Co. 209,418; Feb. 23; Serial No. 213,383; published Dec. 1, 1925.
Hats for men, Straw. Bingham & Co. 209,309; Feb. 23; Serial No. 217,499; published Dec. 1, 1925.
Hats, Ladies'. B. Altman & Co. 221,645; Feb. 23; Serial No. 221,645; published Dec. 1, 1925.
Hats, Ladies'. Le Rae Hat Co. 209,420; Feb. 23; Serial No. 213,789; published Dec. 1, 1925.
Heels, Rubber. J. F. McElwain Company. 209,488; Feb. 23; Serial No. 221,267; published Dec. 1, 1925.
Heels, Shoe. Durable Rubber Corporation. 209,409; Feb. 23; Serial No. 210,368; Nov. 17, 1925.
Heels, soles, boots, etc., made of rubber. Hood Rubber Company. 209,344; Feb. 23; Serial No. 215,931; published Nov. 17, 1925.
Hosiery. J. N. Adam & Co. 209,386; Feb. 23; Serial No. 221,732; published Dec. 1, 1925.
Hosiery. J. E. Bentzel. 209,641; Feb. 23.
Hosiery. Bonwit Teller & Co. 209,469-70; Feb. 23; Serial Nos. 221,691-2; published Dec. 1, 1925.
Hosiery. Gonzalez Bros. & Co. 209,372; Feb. 23; Serial No. 218,964; published Dec. 1, 1925.
Hosiery. N. Gould. 209,485; Feb. 23; Serial No. 221,113; published Dec. 1, 1925.
Hosiery. Merit Hosiery Company. 209,600; Feb. 23; Serial No. 219,976; published Dec. 1, 1925.
Hosiery. Solidsilk Hosiery Co. 209,552; Feb. 23; Serial No. 205,892; published Dec. 1, 1925.
Hosiery, mufflers, sweaters, ties, and cravats. Pauker Bros. 209,447; Feb. 23; Serial No. 212,605; published Nov. 24, 1925.
Knickerbockers and bloomers. M. Seamon. 209,455; Feb. 23; Serial No. 221,385; published Dec. 1, 1925.
Knickers, bloomers, chemises, vests, etc. Leland Corporation. 209,354; Feb. 23; Serial No. 217,628; published Dec. 1, 1925.
Leather, tap, and slip soles. Kistler Leather Company. 209,385; Feb. 23; Serial No. 221,623; published Nov. 24, 1925.
Leather, tap, and slip soles. Penn Leather Company. 209,337; Feb. 23; Serial No. 214,973; published Nov. 24, 1925.
Neckties and mufflers, Knitted. S. Bonan. 209,553; Feb. 23; Serial No. 205,987; published Jan. 13, 1925.
Overalls and coats. N & W Overall Company. 209,307; Feb. 23; Serial No. 216,983; published Nov. 10, 1925.
Overalls and shirts. Workman's Overall & Shirt Co. 209,629; Feb. 23.
Overalls, aprons, coats, and pants. Cleveland & Whitehill Company. 50,743; renewed Mar. 27, 1926.
Overcoats and suits. S. Blum. 209,640; Feb. 23.
Shirts and women's shirt waists, Men's. Columbus Shirt Company. 209,484; Feb. 23; Serial No. 221,096; published Dec. 1, 1925.
Shoes. A. M. Creighton. 209,375; Feb. 23; Serial No. 220,705; published Nov. 17, 1925.
Shoes. E. J. Donahue. 209,555; Feb. 23; Serial No. 207,181; published Dec. 1, 1925.
Shoes. H. J. Dudley. 209,559; Feb. 23; Serial No. 210,449; published Dec. 1, 1925.
Shoes. London Shoe Company. 209,363; Feb. 23; Serial No. 218,070; published Nov. 24, 1925.
Shoes. McCausland Bros. 209,630; Feb. 23.
Shoes. Raleigh Haberdasher, Inc. 209,332; Feb. 23; Serial No. 220,738; published Dec. 1, 1925.
Shoes. Sawyer Shoe Co. 209,402; Feb. 23; Serial No. 200,013; published Nov. 17, 1925.
Shoes and boots. M. Weiss. 209,308; Feb. 23; Serial No. 217,057; published Dec. 1, 1925.
Shoes, Leather. J. P. Hartray Shoe Co. 44,862; renewed July 25, 1925.
Shoes, Leather. Leonard & Barrows. 209,567; Feb. 23; Serial No. 220,347; published Nov. 17, 1925.
Shoes, Leather. E. S. Levy & Company. 209,339; Feb. 23; Serial No. 215,157; published Nov. 17, 1925.

Shoes, Rubber and leather. Endicott Johnson Corporation. 209,333; Feb. 23; Serial No. 213,123; published Nov. 17, 1925.
Shoes, slippers, and boots, Ladies'. Homan-Hughes Company. 209,550; Feb. 23; Serial No. 203,314; published Dec. 1, 1925.
Shoes, Welting for fine. P. E. Barbour. 209,604; Feb. 23; Serial No. 220,060; published Nov. 17, 1925.
Soles for shoes. Dryden Rubber Company. 209,551; Feb. 23; Serial No. 204,091; published Dec. 1, 1925.
Soles for shoes, Composition. Mishawaka Rubber and Woolen Manufacturing Company. 209,489; Feb. 23; Serial No. 221,271; published Dec. 1, 1925.
Stockings. Brown-Durrell Co. 209,472; Feb. 23; Serial No. 221,736; published Dec. 1, 1925.
Suits and overcoats. Kaufmann Department Stores, Inc. 209,403; Feb. 23; Serial No. 201,144; published Dec. 1, 1925.
Suits and topcoats. Simon Ackerman Clothes, Inc. 209,467; Feb. 23; Serial No. 221,681; published Dec. 1, 1925.
Suits and topcoats. Simon Ackerman Clothes, Inc. 209,468; Feb. 23; Serial No. 221,683; published Dec. 1, 1925.
Suits, coats, knickers, etc., Misses' and women's. Neiman-Marcus Co. 209,644; Feb. 23.
Suspenders and garters. President Suspender Company. 209,612; Feb. 23.
Underwear and hosiery. Dixie Underwear Co. 209,382; Feb. 23; Serial No. 221,098; published Dec. 1, 1925.
Underwear and night wear, Men's. Four Square Underwear Co. 209,425; Feb. 23; Serial No. 220,605; published Nov. 17, 1925.
Underwear, Children's. Mechanicville Knitting Co. 209,463; Feb. 23; Serial No. 221,629; published Dec. 1, 1925.
Underwear, Knit. J. H. Semel & Co. 53,870; renewed June 12, 1926.
Underwear, Ladies'. Parsons & Baker Co. 209,379; Feb. 23; Serial No. 220,915; published Dec. 1, 1925

CLASS 40.

Buttons, snap fasteners, pins, etc., Pearl. Rice-Stix Dry Goods Company. 209,546; Feb. 23; Serial No. 199,391; published Feb. 3, 1925.

CLASS 42.

Bolting cloth. Schweiz. Seidengazefabrik A. G. 209,326; Feb. 23; Serial No. 220,424; published Dec. 1, 1925.
Carpets. Hartford Carpet Corporation. 48,047; renewed Dec. 5, 1925.
Cotton and combination of silk and cotton piece goods. Henry Glass & Co. 209,311; Feb. 23; Serial No. 217,930; published Dec. 1, 1925.
Cotton piece goods. Cohn Hall Marx Co. 209,476; Feb. 23; Serial No. 220,760; published Dec. 1, 1925.
Cotton piece goods. Sayles Finishing Plants, Inc. 209,482; Feb. 23; Serial No. 221,033; published Dec. 1, 1925.
Cotton suiting and cotton beach cloth in the piece. Marshall Field & Company. 209,622; Feb. 23.
Mohair, cotton, wool, mohair alpaca, etc., piece goods. Goodall Worsted Co. 209,313; Feb. 23; Serial No. 218,481; published Dec. 1, 1925.
Scrim. Fairclough & Gold, Inc. 209,543; Feb. 23; Serial No. 216,033; publication waived.
Sheetings, Cotton. Whitney Mfg. Co. 209,300; Feb. 23; Serial No. 214,344; published Dec. 1, 1925.
Shirtings and sheetings. Wansutta Mills. 51,002–3; renewed Apr. 3, 1926.
Silk, linen, etc., fabrics and tablecloths, sheets, and pillowcases. A. S. Herrmann, Inc. 209,316; Feb. 23; Serial No. 218,917; published Dec. 1, 1925.
Silk piece goods. Bendix & Fiber, Inc. 209,500; Feb. 23; Serial No. 212,666; published Sept. 29, 1925.
Silk piece goods. Doherty & Wadsworth Co. 209,461; Feb. 23; Serial No. 221,599; published Dec. 1, 1925.
Silk piece goods. Golding Fabrics Corporation. 209,431–2; Feb. 23; Serial Nos. 221,413–14; published Nov. 24, 1925.
Silk piece goods. Spunella Limited. 209,450; Feb. 23; Serial No. 214,569; published Nov. 24, 1925.
Silk piece goods, Knitted artificial. Levi & Seligman, Inc. 209,634; Feb. 23.
Silk, wool, cotton, and mixtures piece goods. Home Service Textile Co. 209,480; Feb. 23; Serial No. 220,899; published Dec. 1, 1925.
Woolen goods in the piece. Worumbo Manufacturing Company. 209,494; Feb. 23; Serial No. 173,021; published June 17, 1924.
Woolen goods in the piece and in cut lengths. S. Stein & Co. 209,433; Feb. 23; Serial No. 221,515; published Nov. 24, 1925.
Woolen piece goods. Forstmann & Huffmann Company. 209,471; Feb. 23; Serial No. 221,698; published Dec. 1, 1925.
Woolen piece goods. Forstmann & Huffmann Company. 209,492; Feb. 23; Serial No. 221,310; published Dec. 1, 1925.
Woolen piece goods. Forstmann & Huffmann Company. 209,493; Feb. 23; Serial No. 221,312; published Dec. 1, 1925.

CLASS 43.

Thread, Linen. Linen Thread Company. 209,547; Feb. 23; Serial No. 200,567; published Nov. 18, 1924.
Thread, Silk. A. H. Rice & Co. 53,104; renewed May 29, 1926.
Yarns, Woolen and worsted. R. Blankenburg & Co. 54,321; renewed June 26, 1926.

CLASS 44.

Adhesive tape, knee and ankle braces. A. G. Spalding & Bros. 209,570; Feb. 23; Serial No. 220,367; published Nov. 10, 1925.
Arch supports, Metal. Nathan Novelty Mfg. Co. 209,406; Feb. 23; Serial No. 203,191; published Dec. 1, 1925.
Cavity linings. S. S. White Dental Mfg. Co. 53,361; renewed May 29, 1926.
Chairs and operating tables for doctors' and surgeons' use, Combined. A. S. Aloe Co. 209,618; Feb. 23.
Devices or appliances for the protection of the human ear. J. P. Winn. 209,491; Feb. 23; Serial No. 221,298; published Dec. 1, 1925.
Gutta-percha tooth filling. S. S. White Dental Mfg. Co. 53,152–3; renewed May 29, 1926.
Insole cushions, Cork. Specialty Mfg. Co. 209,464; Feb. 23; Serial No. 221,042; published Dec. 1, 1925.
Operating tables. A. S. Aloe Co. 209,619; Feb. 23.
Rubber, Dental. S. S. White Dental Mfg. Co. 53,151; renewed May 29, 1926.
Syringes. D. B. Levy. 209,637; Feb. 23.
Therapeutic vibrators. G. S. White. 209,526; Feb. 26; Serial No. 222,056; published Dec. 1, 1925.
Wax. S. S. White Dental Mfg. Co. 53,258; renewed May 29, 1926.
X-ray protective devices and materials. Victor X-Ray Corporation. 209,357; Feb. 23; Serial No. 217,907; published Dec. 1, 1925.

CLASS 45.

Beverage used as a soft drink and extracts and sirups for making the same. O'My Bottling Syrup Co. 209,367; Feb. 23; Serial No. 218,321; published Dec. 1, 1925.
Champagne, Ginger. Manitou Mineral Springs Company. 53,662; renewed June 12, 1926.
Water, Effervescent or carbonated mineral. Manitou Mineral Springs Company. 53,663; renewed June 12, 1926.

CLASS 46.

Almond paste composition. California Almond Growers Exchange. 209,400; Feb. 23; Serial No. 198,285; published Nov. 24, 1925.
Bread. Firch Baking Company. 209,346; Feb. 23; Serial No. 216,384; published Dec. 1, 1925.
Butter. Blue Valley Creamery Company. 53,240; renewed May 29, 1926.
Butter, cheese, casein, and milk. Sociedad Anonima Elowson y Wester, Ltda. 209,569; Feb. 23; Serial No. 220,366; published Dec. 1, 1925.
Butter, eggs, and sliced bacon. National Stores Corporation. 209,442; Feb. 23; Serial No. 204,975; published Nov. 24, 1925.
Candy. C. F. Blanke Candy Co. 209,391–2; Feb. 23; Serial Nos. 222,001–2; published Dec. 1, 1925.
Candy. Chicle Products Company. 209,573; Feb. 23; Serial No. 220,496; published Dec. 1, 1925.
Candy. Cream City Candy Company. 209,639; Feb. 23.
Candy. Manufacturing Company of America. 53,555; renewed June 5, 1926.
Candy. Reymer & Brothers, Incorporated. 53,564; renewed June 5, 1926.
Candy. P. Wunderle. 51,856; renewed Apr. 24, 1926.
Canned and dehydrated fruits and vegetables. King's Food Products Co. 209,544; Feb. 23; Serial No. 171,129; published July 3, 1923.
Canned and dried fruits and vegetables, olives, figs, etc. Virden Canning Company. 209,437; Feb. 23; Serial No. 197,850; published Mar. 17, 1925.
Canned and dried fruits, vegetables, olives, etc. Virden Canning Company. 209,438; Feb. 23; Serial No. 197,851; published Dec. 8, 1925.
Canned and dried fruits, vegetables, tomatoes in purée, honey, etc. Virden Canning Company. 209,436; Feb. 23; Serial No. 197,848; published Dec. 8, 1925.
Canned clams and salmon. Warrenton Clam Company. 209,389; Feb. 23; Serial No. 221,988; published Dec. 1, 1925.
Canned corn. Hoopeston Canning Co. 209,364; Feb. 23; Serial No. 218,179; published Dec. 1, 1925.
Canned fish. Fort Company. 209,404; Feb. 23; Serial No. 201,230; published Dec. 1, 1925.
Canned fruits and vegetables. Pratt-Low Preserving Co. 53,326; renewed May 29, 1926.
Canned fruits, vegetables, tomatoes with purée, honey, etc. Virden Canning Company. 209,435; Feb. 23; Serial No. 197,847; published Dec. 8, 1925.
Canned lobsters, lobsters in sealed packages, and salmon. Simpson, Roberts & Co. Ltd. 209,347; Feb. 23; Serial No. 216,437; published Dec. 1, 1925.
Canned peaches, beets, squash, tomatoes, and spinach. Tucker & Goodwin, Inc. 209,351; Feb. 23; Serial No. 217,430; published Dec. 1, 1925.

Canned peas. Bozeman Canning Co. 209,599; Feb. 23; Serial No. 219,932; published Dec. 1, 1925.
Canned peas. Bozeman Canning Co. 209,620; Feb. 23.
Canned peas, Waupun Canning Company. 209,390; Feb. 23; Serial No. 221,989; published Dec. 1, 1925.
Canned pineapple and pineapple juice, marmalades and pickles. Hawaiian Pineapple Company. 209,616; Feb. 23.
Canned vegetables and fruits. Abbott Grocery Co. 54,400; renewed June 26, 1926.
Canned vegetables and fruits, mustard, spices, etc. Grainger Bros. Co. 209,575; Feb. 23; Serial No. 220,523; published Dec. 1, 1925.
Canned vegetables and fruits, fruit jams, etc. Charles Hewitt & Sons Co. 209,571; Feb. 23; Serial No. 220,406; published Dec. 1, 1925.
Cereal paste goods. John B. Canepa Company. 50,060; renewed Feb. 27, 1926.
Cereal paste goods. John P. Canepa Company. 50,396; Mar. 13, 1926.
Cereals and cereal products. Black & White Milling Company. 209,564; Feb. 23; Serial No. 220,284; published Dec. 1, 1925.
Chocolate. Aktiengesellschaft Chocolat Tobler. 209,621; Feb. 23.
Chicolate coatings. Fortune Products Company. 209,577; Feb. 23; Serial No. 220,604; published Dec. 1, 1925.
Coffee. H P Coffee Company. 209,605; Feb. 23; Serial No. 220,126; published Dec. 1, 1925.
Coffee. Vincent Bros. Co. 209,558; Feb. 23; Serial No. 209,445; published Dec. 1, 1925.
Coffee, table sirups, cereals, and extracts. Mitchell Wholesale Grocery & Fruit Company. 209,368; Feb. 23; Serial No. 218,713; published Dec. 1, 1925.
Coffee, tea, spices, peanut butter, etc. Frank Liberto & Co. 209,414; Feb. 23; Serial No. 212,741; published Dec. 1, 1925.
Dough assistant. Rumford Chemical Works. 209,481; Feb. 23; Serial No. 221,032; published Dec. 1, 1925.
Eggs. O. W. Mapes. 209,617; Feb. 23.
Extracts, Food-flavoring. C. J. Darce. 209,479; Feb. 23; Serial No. 220,888; published Dec. 1, 1925.
Flour, Wheat. Hurst-Boillin Co. 209,328; Feb. 23; Serial No. 220,536; published Dec. 1, 1925.
Flour, Wheat. Lawrenceburg Roller Mills Co. 209,623; Feb. 23.
Flour, Wheat. Sheffield King Milling Co. 52,045; renewed May 1, 1926.
Food product, Marshak Maltmolak Co. 209,401; Feb. 23; Serial No. 198,464; published Aug. 26, 1924.
Fruits and vegetables, Canned. Pratt-Low Preserving Co. 51,043; renewed Apr. 3, 1926.
Fruits, Dried. L. Otzen & Co. 54,378; renewed June 26, 1926.
Fruits, Dried and evaporated. Griffin & Skelley Co. 50,230; renewed Mar. 6, 1926.
Fruits, Dried and evaporated. Griffin & Skelley Co. 53,749; renewed June 12, 1926.
Gelatin. Michigan Carbon Works. 52,538; renewed May 8, 1926.
Ice-cream-filled cones, Chocolate-coated. A. Kyprios. 209,325; Feb. 23; Serial No. 220,409; published Dec. 1, 1925.
Ice cream, pies, cakes, fruit salads, etc. Globe Dairy Lunch Co. 209,334; Feb. 23; Serial No. 212,921; published Dec. 1, 1925.
Meal, White and yellow table. Ansted & Burk Co. 209,566; Feb. 23; Serial No. 220,332; published Dec. 1, 1925.
Milk, Condensed. Pacific Coast Condensed Milk Co. 54,383; renewed June 26, 1926.
Mixture for making fruit jelly. Jellicious, Inc. 209,388; Feb. 23; Serial No. 221,969; published Dec. 1, 1925.
Noodles, Fried egg. Law Canning Co. 209,329; Feb. 23; Serial No. 220,547; published Dec. 1, 1925.
Oil, Olive. Rogers-Ludlow Incorporated. 209,578; Feb. 23; Serial No. 220,620; published Dec. 1, 1925.
Oranges, lemons, and grapefruit. Fullerton Mutual Orange Association. 209,353; Feb. 23; Serial No. 217,552; published Dec. 1, 1925.
Oranges, lemons, and grapefruit. Orange Heights Fruit Association. 209,317; Feb. 23; Serial No. 218,995; published Dec. 1, 1925.
Oranges, lemons, and grapefruit. Orange Heights Fruit Association. 209,370; Feb. 23; Serial No. 218,997; published Dec. 1, 1925.
Oranges, lemons, and grapefruit. A. L. Woodill. 209,358; Feb. 23; Serial No. 217,977; published Dec. 1, 1925.
Preserved and canned fruits. Mor-Pak Preserving Company. 209,387; Feb. 23; Serial No. 221,912; published Dec. 1, 1925.
Puddings and pies, Compound for making. Fruit Valley Corporation. 209,439; Feb. 23; Serial No. 202,868; published Nov. 24, 1925.
Relish. Widlar Company. 209,323; Feb. 23; Serial No. 219,925; published Dec. 1, 1925.
Relish, Horse-radish. A. P. Shurilla. 209,474; Feb. 23; Serial No. 220,742; published Dec. 1, 1925.
Sandwiches, Peanut-butter. Johnson Educator Food Company. 209,405; Feb. 23; Serial No. 201,900; published Dec. 1, 1925.
Sirup. Burrow Wholesale Grocer Co. 209,453; Feb. 23; Serial No. 215,890; published Nov. 24, 1925.
Sirup, Table. Mission Maple Syrup Co. 209,302; Feb. 23; Serial No. 215,086; published Oct. 27, 1925.
Strawberries. Ponchatoula Farm Bureau Association. 209,501; Feb. 23; Serial No. 214,440; published Dec. 1, 1925.
Tea. Colombo Commercial Company. 209,588; Feb. 23; Serial No. 219,716; published Dec. 1, 1925.
Tea. Colombo Commercial Company. 209,589; Feb. 23; Serial No. 219,718; published Dec. 1, 1925.
Tea. Colombo Commercial Company. 209,590–5; Feb. 23; Serial Nos. 219,720–5; published Dec. 1, 1925.
Vanilla extract. Belgian Trading Company. 209,582; Feb. 23; Serial No. 219,471; published Dec. 1, 1925.
Vegetable dressing for salads, etc. Delton & Pashen. 209,355; Feb. 23; Serial No. 217,671; published Dec. 1, 1925.
Yeast, Compressed. Fleischmann Company. 53,000; renewed May 22, 1926.

CLASS 48.

Beer. John Eichler Brewing Co. 48,728; renewed Jan. 9, 1926.
Beer, Lager. John F. Wiessner & Son's Brewing Co. of Baltimore City. 52,585; renewed May 15, 1926.

CLASS 49.

Whisky. A. Overholt & Co. 52,183; renewed May 1, 1926.
Whisky. I. Solomon. 48,555; renewed Jan. 2, 1926.

CLASS 50.

Cotton, Prepared. Ostermoor & Co. 51,687; renewed Apr. 24, 1926.
Shoe horn and shoe form, Combination. E. Mahler. 209,360; Feb. 23; Serial No. 221,020; published Nov. 24, 1925.
Textile fabric coated with rubber or waterproof surface coating. L. C. Chase & Company. 209,318; Feb. 23; Serial No. 219,272; published Dec. 1, 1925.

ALPHABETICAL LIST OF LABELS.

Barbara. For Canned Peaches. Purity Produce Corporation. 29,979; Feb. 23.
Bohemian Maid Malt Syrup. For Malt Sirup. Bohemian Maid Products Co. 29,960; Feb. 23.
California Club. For Ginger Ale. California Bottling Works. 29,962; Feb. 23.
Carr's Diabetic Treatment. For Diabetic Medicine. M. Carr. 29,964; Feb. 23.
Cascade. For Butter. Mutual Creamery Company. 29,976; Feb. 23.
Crystaline Washing Water. For Water Used for Washing Clothes. Longhi & Giordano. 29,974; Feb. 23.
Four-In-One. For Butter. Mutual Creamery Company. 29,975; Feb. 23.
Frisch Process. For Bread. E. Frisch. 29,968; Feb. 23.
G. H. C. For Plumbing Goods. Garrison-Heiland Corporation. 29,969; Feb. 23.
Grip-It. For Penetrating Oil. Out West Manufacturing Co. 29,977; Feb. 23.
Gudlax. For a Vegetable Laxative. O. Gudis. 29,971; Feb. 23.
Horoscope Star Bar. For Candy and Candy Bars. H. J. Brown. 29,961; Feb. 23.
J-D. For Bread. Dubuque Bread Company. 29,967; Feb. 23.
Manhattan Club. For Malt Sirup. Globe Distributing Co. 29,970; Feb. 23.
Maud Muller. For Fresh Oranges. LaVerne Co-Operative Association. 29,973; Feb. 23.
My Favorite. For Cans Of Sirup. J. P. Cooper. 29,965; Feb. 23.
Pan Work Confections. For Assorted Candies. N. P. Damianakes. 29,966; Feb. 23.
Perfection. For Packaged Table Salt. California Rock Salt Co. 29,963; Feb. 23.
Perry's Home Made. For Pound Cake And Fruit Cake. Perry's Home Made Pound Cake and Fruit Cake Company. 29,978; Feb. 23.
Piccadilly Fizz. For Ginger Ale. C. F. Wagner. 29,982; Feb. 23.
S. P. Co. For Toilet Paper. Scott Paper Company. 29,980; Feb. 23.
The Sun. For Paste Soap. S. Guerrero. 29,972; Feb. 23.
U-C-It. For Silk Hose. U-C-It Silk Hosiery Co. 29,981; Feb. 23.

ALPHABETICAL LIST OF PRINTS.

Double Duty. For Hosiery. Conrad & Co. 8,584; Feb. 23.
Drink Coca-Cola Delicious and Refreshing. For Coca-Cola. Coca-Cola Company. 8,582; Feb. 23.
Drink Coca-Cola While You Wait. For Coca-Cola. Coca-Cola Company. 8,581; Feb. 23.
Drink It While It's Creamy. For Liberty Root Beer. Richardson Corporation. 8,587; Feb. 23.
It Had To Be Good—To Get Where It Is. For Coca-Cola. Coca-Cola Company. 8,580. Feb. 23.
Metropolitan Juvenile Clothing Co. Inc. For Clothing. Metropolitan Juvenile Clothing Co. 8,586; Feb. 23.
The Rayberry Butler. For an Incense Burner. A. S. White. 8,588; Feb. 23.
The Vacupmeter. For Cupping Apparatus. S. M. Bernell. 8,579; Feb. 23.
Through All The Years Since 1886. For Coca-Cola. Coca-Cola Company. 8,583; Feb. 23.
What Makes Them Restless and Inattentive. Teachers Know! For Wheat Breakfast Food. Cream Of Wheat Co. 8,585; Feb. 23.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal. R. H. Mull. 222,862; Feb. 23.
Coal. John Stack Coal Company. 215,659; Feb. 23.
Upholstery and bedding stuffing and filling materials. Boston Excelsior Company. 205,311; Feb. 23.

CLASS 2.

Bags, Paper. Crown Willamette Paper Company. 224,179; Feb. 23.
Containers and cartons for ice cream and similar products, Empty paper. Menasha Printing and Carton Company. 224,285–6; Feb. 23.
Receivers for compressed gases and parts therefor, Steel. Harrisburg Pipe & Pipe Bending Co. 224,244; Feb. 23.

CLASS 4.

Abrasives. Cloth or paper backed. Baeder Adamson Company. 218,591; Feb. 23.
Cleaner, Dry. MacLean Drug Company. 222,621; Feb. 23.
Cleansers, Dry. C. L. Norris. 217,951; Feb. 23.
Compounds for cleaning the hands and the like, shaving soap, laundry soap, etc. J. Martinat. 221,128; Feb. 23.
Compounds for cleaning the hands and the like, shaving soap, laundry soap, etc. J. Martinat. 221,130; Feb. 23.
Polishing cloth, Treated metal. S. Lewis. 224,411; Feb. 23.
Soap. James S. Kirk & Company. 223,044; Feb. 23.
Soap, Bath. Marshall Field & Company. 216,528; Feb. 23.
Sweeping mixture, silver-polishing cream, and aluminum-polishing cream. N. Beer. 221,230; Feb. 23.
Treated cloth for polishing automobiles and furniture. Mrs. J. Thomson. 225,044; Feb. 23.
Treated dust cloths, brake dressing, enamel cleaner, etc. Out West Manufacturing Co. 220,861; Feb. 23.

CLASS 5.

Adhesives. Mid-Continental Products Company. 189,466; Feb. 23.

CLASS 6.

Ammonia. Frank E. Harris Co. 224,399–401; Feb. 23.
Ammonia. Frank E. Harris Co. 224,403; Feb. 23.
Antiseptic and deodorizing powder. E. C. Armstrong. 179,919; Feb. 23.
Antiseptic tablets. D. H. Lamke. 225,611; Feb. 23.
Bluing. Frank E. Harris Co. 224,404–5; Feb. 23.
Castor oil. Baker Castor Oil Company. 216,962; Feb. 23.
Chlorine, sulphur chloride, carbon bisulphide, etc., Liquid. Brown Company. 221,348; Feb. 23.
Composition for the treatment of goiter. Dr. P. Bommarito. 225,866; Feb. 23.
Compound for treating dyspepsia. Beard Laboratories, Inc. 225,760; Feb. 23.
Cough lozenges. E. C. Rich, Inc. 225,847–8; Feb. 23.
Cough remedies. M. Amstutz. 219,160; Feb. 23.
Cough remedy. J. Futterman. 225,656; Feb. 23.
Cough sirup. Frank E. Harris Co. 224,384; Feb. 23.
Cream, analgesic, etc., Complexion, massage, and combination. P. P. Lee. 221,323; Feb. 23.
Cream, Dental. Colgate & Company. 222,312; Feb. 23.
Cream, Tooth. S. B. Adler. 224,941; Feb. 23.
Creams, face powders, bath powders, and oil astringents, Face. I. E. Boyle. 225,072; Feb. 23.
Depilatory. H. Bizzoni. 225,547; Feb. 23.
Disinfectants. T. D. Allen. 223,071; Feb. 23.
Fungicide, California Rex Spray Co. 222,369; Feb. 23.
Hairdressing and medicine for treating diseases of the scalp. Conner & Walters Company. 222,011; Feb. 23.
Hair dye. Nevagra Products Inc. 224,985; Feb. 23.
Hair tonic. A. J. Krank Mfg. Co. 169,884; Feb. 23.
Hair tonic and face lotion. L. A. Casnati. 205,741; Feb. 23.
Hydrocarbon, Soluble sulphonated. Ichthyolitic Products Corporation of America. 223,785–7; Feb. 23.
Insecticide. A. B. Ard. 225,907; Feb. 23.
Insecticide. California Rex Spray Co. 222,368; Feb. 23.
Insecticide. I. E. Lanier. 225,667; Feb. 23.
Insecticides. Goulard & Olena, Inc. 225,417; Feb. 23.
Insecticides, deodorants, disinfectants, and antiseptic solutions. U. S. Technical Products Company. 225,152; Feb. 23.
Jujubes and clear gums. E. C. Rich, Inc. 225,845; Feb. 23.
Liniment and analgesique used externally. E. Fougera & Co. 225,826–7; Feb. 23.
Liniment, horse renovating powders, and colic remedies for horses. F. H. Wills. 225,459; Feb. 23.
Liquid for treating the hair, toilet waters, hair color restorers, etc. P. Westphal. 225,050; Feb. 23.
Liquid used in the treatment of influenza, grippe, and severe colds. American Arlesheim Laboratories Inc. 220,098; Feb. 23.
Lotion for the treatment of corns and calli, Foot. R. M. Frische. 224,379; Feb. 23.
Lozenges. C. K. Bergen. 220,990; Feb. 23.
Medicinal preparation. Schering & Glatz, Inc. 225,680; Feb. 23.
Medicine. H. E. Storey. 224,060; Feb. 23.
Medicine for rheumatism, toothache, stiff joints, etc. Andy Benedict & Sons. 224,228; Feb. 23.
Medicine, Lung, throat, and bronchial. Baker Drug Company. 225,859; Feb. 23.
Medicines for the treatment of constipation, sour stomach, etc. Tex-A-Tone Chemical Company. 224,996; Feb. 23.
Nonfreezing mixture to be used in the radiators of automobiles. Arctic Chemical Co. 224,129; Feb. 23.
Oil and bay rum, Bay. D. M. Gilormini. 221,892; Feb. 23.
Ointment, Healing. M. P. Schmidt. 224,055; Feb. 23.
Parasite remover, an insect remedy and poultry tonic. Star Chemical Co. 215,825; Feb. 23.
Perfume, rouge, face powder, face cream, and talcum powder. L. Becker. 225,501; Feb. 23.
Perfume, toilet water, and face powder. Frederick Stearns & Company. 225,408–9; Feb. 23.
Perfume, toilet water, brillantine, etc. Societe anonyme Eugene Rimmel. 225,057–8; Feb. 23.
Perfumes, toilet waters, face powders and creams, etc. Betty Wales Inc. 224,496; Feb. 23.
Perfumes, toilet waters, rouges, etc. L. de Roquefeuil. 225,652; Feb. 23.
Perfumery. Bonwit Teller & Co. 224,546; Feb. 23.
Perfumery. Perokay, Incorporated. 225,573; Feb. 23.
Pharmaceutical preparation for the eradication of intestinal worms in poultry. Burrel-Dugger Company. 224,952; Feb. 23.
Pills, liniment, etc., Nerve and kidney. Michigan Drug Co. 221,905; Feb. 23.
Powders, bleach cream, tissue and wrinkle cream, perfumes, etc., Face. National Toilet Co. 225,570; Feb. 23.
Powders, creams and packs, rouges, perfumes, etc., Face. Maté, Inc. 225,723–4; Feb. 23.
Preparation for the treatment of narcotic drug addiction disease. Lipoidal Laboratories, Inc. 225,562; Feb. 23.
Preventive of pyorrhea and all mouth infections. National Radium Laboratories, Inc. 225,099; Feb. 23.
Remedy, Dandruff. Arabella Mfg. Co. 225,823; Feb. 23.
Remedy for the treatment of coughs, colds, and other pulmonary ailments. Mandall & Co. 220,198–9; Feb. 23.
Salve. M. E. Sutherland. 209,552; Feb. 23.
Soda ash, caustic soda, bicarbonate of soda, etc. Nippon Dry Goods Company. 221,500; Feb. 23.
Spirits of camphor. Frank E. Harris Co. 224,393; Feb. 23.
Talc powder, perfumes, toilet water, face powder. Colgate & Company. 222,311; Feb. 23.
Tallow, Mutton. H. L. McQueen. 225,022–3; Feb. 23.
Tonic elixir of iron. Walter Lewis Company. 223,950; Feb. 23.
Tooth paste. Orphos Co. 220,914; Feb. 23.
Veterinary products. Bayer Company. 212,230; Feb. 23.

CLASS 7.

Ropes, twine, and cord. New Bedford Cordage Company. 225,375; Feb. 23.
Twine, cordage, and thread for closing bags. Chase Bag Co. 226,042; Feb. 23.

Twine, cordage, and thread for closing bags. Chase Bag Co. 226,044; Feb. 23.

CLASS 10.

Humus or decayed vegetable matter. American Humus Company. 224,270; Feb. 23.

CLASS 11.

Typewriter ribbons. Thurston Cutting Corporation. 225,817; Feb. 23.

CLASS 12.

Pipe-jointing element for connecting sewer pipe. Presstite Engineering Company. 223,941; Feb. 23.
Plaster. Beaver Products Company. 205,732; Feb. 23.
Roofing in rolls and flexible shingles, Flexible. Hyle Co. 224,333; Feb. 23.
Roofing, Prepared. Northern Corrugating Company. 223,798; Feb. 23.
Windows, including frames and sashes, Casement. Crittall Casement Window Company. 224,861; Feb. 23.

CLASS 13.

Basin connection. Wolverine Brass Works. 224,222; Feb. 23.
Hinges. Chicago Spring Hinge Company. 207,967; Feb. 23.
Laundry trays. Reliable Cement Products Company. 220,573; Feb. 23.
Lavatories, drinking fountains, towels holders, etc. Thomas Maddock's Sons Co. 224,921; Feb. 23.
Rods, Metal curtain. James H. Boye Manufacturing Co. 224,650; Feb. 23.

CLASS 14.

Iron and steel. Uddeholms Aktiebolag. 224,214; Feb. 23.
Iron, iron, and Bessemer iron, Bar. Uddeholms Aktiebolag. 224,213; Feb. 23.
Iron, iron, and steel, Pig. Uddeholms Aktiebolag. 224,212; Feb. 23.
Lead, solder, and babbitt, and metals and metal alloys, American Smelting & Refining Company. 224,739; Feb. 23.
Welding rods. Oxweld Acetylene Company. 224,828; Feb. 23.

CLASS 16.

Coloring and finishing waterproof materials in the nature of paints or stains. Samuel Cabot, Inc. 225,109; Feb. 23.
Lacquers. Cleveland Varnish Company. 225,114; Feb. 23.
Paints and paint enamels, Ready-mixed. Toch Brothers, Incorporated. 224,482; Feb. 23.
Paste paint or surfacing material. Valentine & Company. 224,220; Feb. 23.
Whitewash preparation. Pacific Lime & Plaster Co. 224,672; Feb. 23.

CLASS 19.

Automobile tops and side curtains. Perfect Fit Manufacturing Co. 223,323; Feb. 23.
Vehicles and for the parts of such covers, Covers for the springs of automotive. Bassick Manufacturing Company. 223,896; Feb. 23.
Vehicles, Rear-view mirrors for. Hide Leather & Belting Company. 224,970; Feb. 23.

CLASS 21.

B power supply units, B battery eliminators, vacuum-tube rectifiers, etc. Acme Apparatus Company. 223,155; Feb. 23.
Batteries, A and B. Bright Star Battery Co. 222,820; Feb. 23.
Batteries and their accessories. Southland Battery Company. 221,856; Feb. 23.
Cut-outs, panel boards, switchboards, etc. Mutual Electric & Machine Company. 220,560; Feb. 23.
Electric cords and cables, Portable. Central Electric Company. 224,549; Feb. 23.
Electric water heaters, air heaters, hot plates, etc. W. W. Hicks. 224,189; Feb. 23.
Grid leaks and condensers. Micamold Radio Corp. 219,830; Feb. 23.
Lamps, Electrical. M. Favish. 221,889; Feb. 23.
Plugs, brush-holder insulation, cable terminals, commutators, etc., Attachment. Bakelite Corporation. 212,529; Feb. 23.
Radio antenna. Lincoln Radio Corporation. 224,874; Feb. 23.
Radio receiving apparatus and adjuncts or portions thereof. W. H. Huth. 217,619; Feb. 23.
Radio receiving sets. Conrad Allen Radio Company. 223,503; Feb. 23.
Radio receiving sets. E. Fleming & Co. 223,778; Feb. 23.
Radio receiving sets. Chas. Freshman Company. 207,006; Feb. 23.
Radio receiving sets and parts. W. F. Kuhn. 210,127; Feb. 23.
Radio receiving sets, Complete. Distantone Radios, Inc. 213,431; Feb. 23.
Radio receiving sets, loud speakers, plugs, etc. Electrical Research Laboratories, Inc. 223,376; Feb. 23.
Radio tuning dials. Radiall Company. 219,557; Feb. 23.

CLASS 22.

Chain stringers for fish. Enterprise Manufacturing Company. 207,714; Feb. 23.
Doll clothes. Mrs. A. V. Harvey. 223,917; Feb. 23.
Fishing line. Asbaway Line & Twine Manufacturing Company. 223,988–9; Feb. 23.
Fishing reels. Enterprise Manufacturing Company. 207,713; Feb. 23.
Fishing reels. Enterprise Manufacturing Company. 207,718; Feb. 23.
Fishing reels. Enterprise Manufacturing Company. 207,721; Feb. 23.
Toy figures. Geo. Borgfeldt & Co. 223,996; Feb. 23.
Toy hobby-horses. F. J. Catterlin. 225,220; Feb. 23.
Toy play balls made of celluloid. L. L. Martin. 224,341; Feb. 23.

CLASS 23.

Cultivators, Heel sweeps for. Columbus Iron Works Co. 225,648; Feb. 23.
Hammers, hatchets, axes, etc. George Tritch Hardware Company. 224,755; Feb. 23.
Pliers and wrenches. Gripastik Co. 204,454; Feb. 23.

CLASS 24.

Laundry machinery. Invincible Laundry Equipment Co. 224,822; Feb. 23.

CLASS 26.

Cinematographic apparatus. J. A. Rignon. 218,033; Feb. 23.

CLASS 27.

Clocks. Montgomery Ward & Co. 224,922; Feb. 23.
Watches, watchcases, and parts of watches. R. H. Jones & Sons. 205,131; Feb. 23.
Watches, watch movements, clocks. Aseba. 223,987; Feb. 23.

CLASS 28.

Jewelry, silver dresser sets, and silver tableware. Best & Co. 223,277; Feb. 23.
Precious stones, necklaces, pearls, etc. Elliot, Greene & Co. 224,505; Feb. 23.
Rings, Finger. R. E. Naumburg. 224,571; Feb. 23.

CLASS 29.

Powder puffs. Maurice Levy Company. 209,043; Feb. 23.

CLASS 30.

Crockery. Nathan Straus & Sons, Inc. 224,436; Feb. 23.

CLASS 31.

Refrigerating units and compressors therefor and parts thereof, Mechanical. Climax Engineering Co. 213,225; Feb. 23.
Refrigerators. L. G. Copeman. 223,689; Feb. 23.
Refrigerators and refrigerating machines. Barber Asphalt Company. 225,860–1; Feb. 23.
Water purifiers of the carbon block and charcoal type. O. Hennings. 222,677; Feb. 23.

CLASS 32.

Desks, drawers, tops, slides. Clemetsen Company. 211,258; Feb. 23.

CLASS 34.

Automobile windshields, Nonglare attachment for. E. Garson. 220,300; Feb. 23.
Boilers, Hot-water. John Tragesser Steam Copper Works. 223,823; Feb. 23.
Fireplaces and grates, Front wall attachment for. J. R. Fisk. 222,737; Feb. 23.
Gas-generating plants and parts thereof. Albert Kreisa Gesellschaft m. b. H. 209,554; Feb. 23.
Heat, Apparatus for the exchange of. La Mont Corporation. 224,770; Feb. 23.

CLASS 35.

Fabric transmission and brake linings, facings, etc. United States Asbestos Company. 219,317; Feb. 23.
Fabric transmission and brake linings and facings, packings, etc. United States Asbestos Company. 219,506; Feb. 23.
Hose, Rubber. Goodyear Tire & Rubber Company. 187,516; Feb. 23.
Rubber tire patches, inner-tube patches, etc. Out West Manufacturing Co. 223,401; Feb. 23.
Tire inner-tube patches, Pneumatic. H. B. Egan & Co. 223,908; Feb. 23.
Tires and inner tubes, Automobile. National Cloak & Suit Co. 225,199; Feb. 23.
Tires and tire patches, Rim flaps for. Dexter Rubber Manufacturing Company. 225,007–8; Feb. 23.
Tires and tubes, Automobile. H. C. Hower. 169,853; Feb. 23.

CLASS 36.

Motors, turntables, tone arms, reproducers, and parts thereof for phonographs. Paragon Phono Parts Manufacturing Co. 223,542; Feb. 23.
Pianos, player pianos, and reproducing pianos. Hardman, Peck & Co. 224,457; Feb. 23.

CLASS 37.

Books, letterheads, note notices, etc., Loan systems sold to the trade as such, comprising pass. Hood Finance Corporation. 205,274; Feb. 23.

Books, Manifold sales. National Sales Book Co. 224,524; Feb. 23.
Paper fabric adapted for skin-cleansing and cosmetic-removing purposes. Fort Howard Paper Company. 218,695; Feb 23.
Pens, pen barrels, penholders, paper weights, etc., Fountain. Bakelite Corporation. 224,431; Feb. 23.
Writing pads, memorandums and account books, diaries, Pencil and ink. Plee-zing Corporation. 215,478; Feb. 23.

CLASS 38.

Book for automotive distributors, jobbers, etc., Classified buyer's guide and reference. Chilton Class Journal Company. 224,805; Feb. 23.
Books of plans and specifications for building. Baby Grand Apartments Company. 225,159; Feb. 23.
Books, Printed. John Rudin & Company. 222,193; Feb. 23.
Cards, Lithographed and printed display. Einson-Freeman Co. 215,334; Feb. 23.
Cartoons, Series of. Bell Syndicate, Inc. 224,074; Feb. 23.
House organ. Enterprise Oil Company. 225,403 Feb. 23.
Letters, booklets, folders, broadsides, and leaflets, Form. Kier Letter Company. 222,126; Feb. 23.
Magazines, Monthly. M. C. Cohn. 224,375; Feb. 23.
Magazines, Quarterly. American Farming Publishing Company. 223,758; Feb. 23.
Newspaper section. S. Harbaugh. 225,607; Feb. 23.
Newspaper section. New York Evening Journal, Inc. 224,718; Feb. 23.
Newspapers, Columns in. M. F. Judell. 223,477; Feb. 23.
Periodical. J. Adelman. 225,905; Feb. 23.
Periodical. Master Plasterers Association of San Francisco. 221,265; Feb. 23.
Periodical published monthly. Better Business Bureau of New York City, Incorporated. 224,945; Feb. 23.
Periodical published monthly. Chilton Class Journal Company. 224,804; Feb. 23.
Periodical published monthly. Chilton Class Journal Company. 224,806; Feb. 23.
Periodicals, Monthly. Southern Homes and Gardens Publishing Co. 225,747; Feb. 23.
Publication, Annual. Scientific American Publishing Co. 225,321; Feb. 23.
Publication, Bimonthly. N. Pines. 220,463; Feb. 23.
Publication, Monthly. Bob Edwards Publishing Co. 225,949; Feb. 23.
Publication, Periodical. American Mercury, Inc. 225,821; Feb. 23.
Publication, Periodical. W. D. Self. 225,681; Feb. 23.
Publication, Weekly. Homestead Company. 225,191; Feb. 23.
Publications, Nom de plume for special articles appearing in various. C. E. Lang. 206,317; Feb. 23.
Publications, Title for special articles appearing in various. C. E. Lang. 206,316; Feb. 23.

CLASS 39.

Corselettes, brassières, and bandeaux. I. Newman & Sons, Inc. 209,807; Feb. 23.
Galoshes, snow boots, bootees, rubber shoe soles, etc. Helsingborgs Gummifabriks Aktiebolag. 209,789–90; Feb. 23.
Hats for men, Felt. F. R. Tripler & Co. 223,492; Feb. 23.
Hats, Ladies'. Martin Deutsch Co. 224,414; Feb. 23.
Hosiery and knitted and netted underwear. Richmond Hosiery Mills. 199,325; Feb. 23.
Hosiery and shoes. Higginbotham-Bailey-Logan Company. 218,485; Feb. 23.
Shoes. William Rosenstein & Co. 224,362; Feb. 23.
Shoes, Men's hats and dress shirts. E. Goldburg. 217,147; Feb. 23.

CLASS 40.

Buttons, Vegetable ivory. London Button Co. 216,684; Feb. 23.
Switches and false hair pieces and made hair pieces. West Electric Hair Curler Corporation. 219,415; Feb. 23.

CLASS 42.

Bedspreads. Moore Mills, Inc. 224,416; Feb. 23.
Cloth, Billiard. Brunswick-Balke-Collender Company. 213,480; Feb. 23.
Cloth, Billiard. Brunswick-Balke-Collender Company. 213,482; Feb. 23.
Cotton and silk piece goods. M. Rich & Bros. Co. 225,733; Feb. 23.
Draperies in the piece. American Wholesale Corporation (Baltimore Bargain House). 174,122; Feb. 23.
Lace curtains, bedspreads, blankets, and bed comforters. E. N. Trottier. 220,876; Feb. 23.
Silk textiles in the piece. J. H. & C. K. Eagle, Inc. 215,777; Feb. 23.
Textile and pile fabrics. Cheney Brothers. 225,647; Feb. 23.
Worsted and woolen dress goods. F. A. Bochmann & Co. 225,641; Feb. 23.

CLASS 44.

Absorbent material of fibrous character. E. B. Thomas. 224,787; Feb. 23.
Aprons and sanitary elastic belts, Sanitary. I. Goldberg. 221,816; Feb. 23.
Clips, Wound. Clay-Adams Company. 225,552; Feb. 23.

CLASS 45.

Beverage sold as a soft drink. H. H. Rushy. 222,580; Feb. 23.
Beverages sold as soft drinks. Buffalo Products Co. 223,897; Feb. 23.

CLASS 46.

Apples. H. S. Groat & Company. 223,713; Feb. 23.
Apples and pears, Fresh. D. R. Hill. 216,907; Feb. 23.
Biscuits. Standard Biscuit Company. 225,147; Feb. 23.
Butter. Southern Dairies, Inc. 225,289; Feb. 23.
Candy. G. B. Pieratt. 220,570; Feb. 23.
Canned fruits and vegetables. John C. Morgan Company. 205,022; Feb. 23.
Canned fruits and vegetables, catchup, canned apple butter, etc. Mid-Mountain Fruit Co. 221,268; Feb. 23.
Canned fruits, vegetables, condensed and evaporated milk, fish, coffee, etc. W. H. Pollard. 221,449; Feb. 23.
Canned fruits, vegetables, fish, olives, candy, etc. Durand-McNeil-Horner Co. 191,816; Feb. 23.
Canned fruits, vegetables, fish, vinegar, spices, etc. Lehmann-Higginson Grocer Company. 219,291; Feb. 23.
Canned peaches. Libby, McNeill & Libby. 223,530; Feb. 23.
Canned sardines. Van Landingham Co. 224,267; Feb. 23.
Canned, smoked, and kippered fish. Van Camp Sea Food Co. 224,062; Feb. 23.
Cheese. J. S. Hoffman Company. 209,125; Feb. 23.
Chicks, Live. D. W. Goodling. 213,499; Feb. 23.
Chocolate, chocolates, cocoa, candies, and biscuits, Sweet. Maatschappij tot Exploitatie van Rademaker's Koninklijke Cacao & Chocolatefabrieken. 224,776; Feb. 23.
Coffee. Schreiber Products Corporation. 223,338–9; Feb. 23.
Coffee and tea. McComb Coffee Company. 224,570; Feb. 23.
Confection consisting of a chocolate shell and a filler of ice cream. R. T. Rogers Syndicate. 212,351; Feb. 23.
Doughnuts. E. S. Goldhill. 219,329; Feb. 23.
Extract of malt and hops. F. L. Brzoska. 224,541; Feb. 23.
Feed, Dairy. Black & White Milling Company. 225,168; Feb. 23.
Feed for livestock. Charleston Milling & Produce Company. 223,163; Feb. 23.
Feed, Poultry. Black & White Milling Company. 225,167; Feb. 23.
Feed, Stock and poultry. Corno Mills Company. 184,895; Feb. 23.
Feed, Stock and poultry. Ubiko Milling Company. 165,901; Feb. 23.
Flour, Plain and self-rising. Dan Valley Mills. 225,221; Feb. 23.
Flour, Wheat. Kansas Flour Mills Company. 223,478; Feb. 23.
Flour, Wheat. Model Mill Co. 225,271–2; Feb. 23.
Gum, Chewing. D M O Gum Machine Company. 221,600; Feb. 23.
Ice cream. National Ice Cream Company. 223,860; Feb. 23.
Jellies, jams, fruit butters, preserves, and pickles. Squire Dingee Company. 205,791; Feb. 23.
Jelly and sirup for making the same. Southwestern Coca Cola Bottling Co. 223,748; Feb. 23.
Lettuce. Engebretson-Grupe Co. 220,769; Feb. 23.
Malt sirup. Koffman & Blumenau. 218,766; Feb. 23.
Malt sirup. Standard Seed Co. 224,535; Feb. 23.
Nuts, Salted. Sisu Nut Co. 208,022; Feb. 23.
Oil, Olive. G. Del Prete. 223,374; Feb. 23.
Oil, Salad. A. Corrao. 213,008; Feb. 23.
Oranges, grapefruit, tangerines, and mandarins, preserved fruits, fruit jellies, and marmalades. H. R. Drew. 218,295; Feb. 23.
Peanut butter. Stone-Ordean-Wells Company. 223,750; Feb. 23.
Pears. B. B. Green. 224,019; Feb. 23.
Poultry and eggs, Fresh. Hoffman & Mayer, Inc. 224,562; Feb. 23.
Poultry, eggs, and creamery butter, Dressed. Miller-Rose Co. 220,556; Feb. 23.
Poultry, Live. D. W. Goodling. 212,380; Feb. 23.
Salad dressing. L. E. Schenck. 224,477; Feb. 23.
Sandwiches, Confectionery. R. L. Link. 222,986; Feb. 23.
Sirup. New Iberia Canning Company. 224,104; Feb. 23.
Sirup blended with corn sirup, Sorghum. W. B. Roddenbery. 223,415; Feb. 23.
Vinegar, spices, pepper, and preserved fruits and berries. Newark Wholesale Grocery Co. 212,285; Feb. 23.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 23D DAY OF FEBRUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abbott, Adrian O., jr., Detroit, Mich., assignor to Morgan & Wright. Stock-rolling apparatus. 1,574,541; Feb. 23.
Abbott, Adrian O., jr., assignor to Morgan & Wright, Detroit, Mich. Machine for forming and vulcanizing strip material containing rubber or the like. 1,574,542; Feb. 23.
Abraham, Samuel, New York, N. Y. Life-saving suit. 1,574,529; Feb. 23.
Ackerman-Blaesser-Fezzey, Inc. (See Ackerman, E. L., and Zwierzina, assignors.)
Ackerman, Edward L., and A. J. Zwierzina, assignors to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Window regulator. 1,574,333; Feb. 23.
Ackermann, Alois R., Spokane, Wash. Bassinet. 1,574,226; Feb. 23.
Actien-Gesellschaft Weser. (See Frensdorff, Willy, assignor.)
Adams Equipment Company. (See O'Brien, John H., assignor.)
Adams, Joseph, Roxbury, assignor to Adams-White Brush Company, Boston, Mass. Rotary brush. 1,574,530; Feb. 23.
Adams, Lyndon E. (See Sherwood, Charles F., assignor.)
Adams-White Brush Company. (See Adams, Joseph, assignor.)
Adamson, Andrew G. (See Still, E. H., and Adamson.)
Adatte, Albert L., North Plainfield, assignor to Pathe Exchange, Inc., Jersey City, N. J. Multiple-film-guide-mounting. 1,574,591; Feb. 23.
Adler, Cyrus L., Louisville, Ky. Radio console cabinet. Des. 69,470; Feb. 23.
Ahlquist, Andrew A., Lynn, Mass. Button. 1,574,414; Feb. 23.
Ainsworth, Chester D., Wollaston, assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass. Circuit interrupter. 1,574,531; Feb. 23.
Ainsworth, Chester D., Wollaston, assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass. Electric switch. 1,574,532; Feb. 23.
Ainsworth, Chester D., Wollaston, assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass. Electric switch. 1,574,533; Feb. 23.
Ajax Iron Works et al. (See Stewart, S. V., and Timbs, assignors.)
Akemann, Walther, Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Apparatus for determining the time of flight of a projectile. 1,574,272; Feb. 23.
Akron Standard Mold Company, The. (See Galvin, Wade S., assignor.)
Aktiengesellschaft der Maschinenfabriken Escher Wyss & Cie. (See Nyffenegger, Hans, assignor.)
Albrecht, John, Kewaunee, Wis. Automatic nailing device. 1,574,061; Feb. 23.
Alden, Richard C. (See Oberfell, G. G., Ballard, Alden, Utsinger, and Lentz.)
Allen, Irving R., Wheaton, Ill. Display device for garters. 1,574,325; Feb. 23.
Allen, Scott E., Los Angeles, Calif., assignor to Swingspout Measure Co. Spring valve for swingspout measures. 1,573,895; Feb. 23.
Allen, William L., Los Angeles, Calif. Sanitary refuse receiver. 1,574,273; Feb. 23.
Allender, Charles W. G., Steamboat Springs, Colo. Pump. 1,574,274; Feb. 23.
Allerton, Robert W., South Orange, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Condenser support. 1,573,792; Feb. 23.
Allis-Chalmers Manufacturing Company. (See Cheney, Herbert W., assignor.)
Allis-Chalmers Manufacturing Company. (See Feind, Robert F., assignor.)
Allis-Chalmers Manufacturing Company. (See Hagmaier, William G., assignor.)
Allis-Chalmers Manufacturing Company. (See Martin, Charles R., assignor.)
Allis-Chalmers Manufacturing Company. (See Williamson, Robert B., assignor.)
Allmon, Joseph G., Melrose, Mass. Antiskid chain. 1,574,014; Feb. 23.
Altgelt, Rudolph J., assignor to Oliver Chilled Plow Works, South Bend, Ind. Draft device for plows and the like. 1,574,351; Feb. 23.
Alton, William H., assignor to R. T. Vanderbilt Company, New York, N. Y. Applying plaster and stucco. 1,573,896; Feb. 23.
Alton, William H., assignor to R. T. Vanderbilt Company, New York, N. Y. Applying plaster or stucco. 1,573,897; Feb. 23.
Altorfer, Alpheus W., assignor to Altorfer Bros. Company, East Peoria, Ill. Washing machine. 1,574,334; Feb. 23.
Altorfer Bros. (See Altorfer, Alpheus W., assignor.)
American Chain Company. (See Benton, Donald L., assignor.)
American Cuptor Corporation. (See Weckbaugh, Joseph V., assignor.)
American Grinder Manufacturing Company. (See Tautz, H., and Dion.)
American Hardware Corporation, The. (See Stone, Elmer B., assignor.)
American Laundry Machinery Company, The. (See Smith, Leonard S., assignor.)
American Magnesium Corporation. (See Keeler, Lewis J., assignor.)
American Telephone and Telegraph Company. (See Bailey, Rand S., assignor.)
American Telephone and Telegraph Company. (See Blauvelt, William G., assignor.)
American Telephone and Telegraph Company. (See Bown, Ralph, assignor.)
American Telephone and Telegraph Company. (See Wright, S. B., and Schott, assignors.)
Anaconda Sales Company. (See Gillis, Julius H., assignor.)
Anaconda Sales Company. (See Robinson, Thomas, assignor.)
Andersen, Peter J., Spokane, Wash. Glare screen. 1,574,227; Feb. 23.
Andersen, Simoni, Deaver, Wyo. Headlight construction. 1,574,543; Feb. 23.
Anderson, Arthur G., Osage, Minn. Air-pressure-gauge attachment for inflating hose. 1,573,793; Feb. 23.
Anderson, Harry F. (See Guyer, Joseph A., assignor.)
Andrews, John S., Hollywood, Calif. Wall furnace. 1,574,145; Feb. 23.
Archer, Louise. (See Light, C. M., and Archer.)
Armstrong, Francis E., Toronto, Ontario, Canada. Advertising medium. 1,573,898; Feb. 23.
Armstrong, George A., Providence, R. I., assignor to William C. Greene Company. Article of jewelry. 1,573,899; Feb. 23.
Arvoy, Blanche S., née Reneaux, Paris, France, and C. L. Marcus, New York, N. Y. Combined stand and holder for perfume bottles. Des. 69,471; Feb. 23.
Ashe, William O., assignor to Commonwealth Steel Company, St. Louis, Mo. Locomotive frame. 1,573,900; Feb. 23.
Astier, Antoine J., Colombes, France. Water meter. 1,574,594; Feb. 23.
Atwood, John D., Marion, Ill. Turbine. 1,574,228; Feb. 23.
Aulson, John W., Lynn, Mass. Leather-graining machine. 1,574,534; Feb. 23.
Autodrive Company, The. (See Gill, Charles H., assignor.)
Automatic Sales Corporation. (See McRee, Hilliary B., assignor.)
Bager, Svante R. W. M., and W. Lehman, South Milwaukee, assignors to Bucyrus Company, South Milwaukee, Wis. Creeping traction mechanism. 1,574,041; Feb. 23.
Bager, Svante R. W. M., and W. Lehman, South Milwaukee, assignors to Bucyrus Company, Milwaukee, Wis. Creeping traction tread and cooperating tumblers. 1,574,042; Feb. 23.
Bahni, Frederick J., Peoria, Ill. Utility tool. 1,573,901; Feb. 23.
Bailey, Rand S., Montclair, N. J., assignor to American Telephone and Telegraph Company. Telephone-exchange system. 1,573,794; Feb. 23.
Baker, Chester A., Omaha, Nebr. Lubrication pump. 1,574,181; Feb. 23.
Baker, Howard E., Roanoke, Va. Gauge. 1,574,352; Feb. 23.

Balk, Joseph J., assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y. Electric-light fixture. Des. 69,472; Feb. 23.

Balk, Joseph J., assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y. Electric-light fixture. Des. 69,473; Feb. 23.

Balk, Joseph J., assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y. Electric-light fixture. Des. 69,474; Feb. 23.

Balk, Joseph J., assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y. Wall plate for electric-light fixtures. Des. 69,475; Feb. 23.

Ball, Joseph S., assignor of one-half to A. T. Moore, Denver, Colo. Automatic safety pick-up device for automobiles. 1,573,795; Feb. 23.

Ballard, Albert M. (See Oberfell, G. G., Ballard, Alden, Utsinger, and Lentz.)

Balstad, Emil G., East Cleveland, Ohio. Marking gauge. 1,574,182; Feb. 23.

Bankers Box Company. (See Fellowes, Harry L., assignor.)

Banks, Percy W., and A. N. Burt, assignors to Detachable Heels Limited, Wellington, New Zealand. Heel of footwear. 1,574,595; Feb. 23.

Barber, Harry E., Boston, Mass. Radiator support. 1,574,353; Feb. 23.

Bard, Ralph, trustee. (See Hofmann, George, assignor.)

Barnett, Edward L., New York, N. Y. Golf apparatus. 1,574,596; Feb. 23.

Barnhill, Frank D., et al., executors. (See Hadley, Charles R.)

Barr, Joseph A., Coldwater, N. Y. Liquid-transfer means. 1,573,796; Feb. 23.

Bart, Blasius, East Orange, N. J. Depositing silver. 1,574,344; Feb. 23.

Barth, Henry C., Helena, Mont. Mail box. 1,574,354; Feb. 23.

Bartholomew, John. (See Lyon, John S., assignor.)

Bartholowsky, Johannes, Los Angeles, Calif. Scenery for pictures and producing same. 1,574,464; Feb. 23.

Baskerville, John B., Roanoke, Va. Record sheet. 1,573,902; Feb. 23.

Basmaison, Pierre, San Francisco, Calif. Bit. 1,574,725; Feb. 23.

Bassett, Harry H., Flint, Mich. Headlamp bezel. Des. 69,476; Feb. 23.

Bassick Manufacturing Co., The. (See Davis, Ernest W., assignor.)

Bates, Albert H., Cleveland Heights, Ohio, assignor to Paramount Rubber Consolidated, Incorporated, Little Falls, N. J. Apparatus for forming hollow articles of plastic material. 1,574,015; Feb. 23.

Bates, Arthur, and J. Gouldbourn, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Press. 1,573,903; Feb. 23.

Baumbach, Emil A., Chicago, Ill. Oiler for leader pins. 1,574,355; Feb. 23.

Bay State Optical Company. (See Jones, Percival W., assignor.)

Bayles, Lewis C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock-drill front end. 1,574,016; Feb. 23.

Béal, Pierre E., and L. L. E. Fanet, Levallois-Perret, France. Electrovibrator. 1,573,797; Feb. 23.

Bear, Charles H., assignor to Bear Combustion Company, York, Pa. Oil heater. 1,574,545; Feb. 23.

Bear Combustion Company. (See Bear, Charles H., assignor.)

Beardslee Chandelier Manufacturing Company. (See Mettler, John C., assignor.)

Beattie, Daniel S., New York, N. Y., assignor to Nathan Manufacturing Company. Valve. 1,574,017. Feb. 23.

Beck Duplicator Company, The. (See Isaacs, Albert, assignor.)

Becker, Edmund H. (See Martus, M. L., Becker, and Ross.)

Bedack, Michael J., Brooklyn, N. Y. Bridal crown. Des. 69,477; Feb. 23.

Bedack, Michael J., Brooklyn, N. Y. Bridal crown. Des. 69,479; Feb. 23.

Bedack, Michael J., Brooklyn, N. Y. Bridal crown. Des. 69,480; Feb. 23.

Beebe, Murray C., Cincinnati, Ohio, assignor to The Wadsworth Watch Case Company, Dayton, Ky. Light-sensitive medium and producing the same. 1,574,356; Feb. 23.

Beebe, Murray C., Fort Thomas, assignor to The Wadsworth Watch Case Company, Dayton, Ky. Optical copying. 1,574,358; Feb. 23.

Beebe, Murray C., and A. Murray, Cincinnati, Ohio, assignors to The Wadsworth Watch Case Company, Dayton, Ky. Photographic media and process. 1,574,357; Feb. 23.

Beebe, Murray C., and A. Murray, Cincinnati, Ohio, assignors to The Wadsworth Watch Case Company, Dayton, Ky. Photographic medium. 1,574,359; Feb. 23.

Beecher, Philip, Batavia, N. Y. Figure wheeled toy. 1,574,275; Feb. 23.

Bell, John E., Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill. Oil-heating furnace. 1,574,546; Feb. 23.

Bell, John E., Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill. Operation of oil stills. 1,574,547; Feb. 23.

Benjamin Electric Manufacturing Company. (See Warner, Chester E., assignor.)

Benjamin & Johnes. (See Brigham, E. F., and Daniels, assignors.)

Benjamin, Merrill G., Lakewood, Ohio. Method and apparatus for switching. 1,574,548; Feb. 23.

Bennis, Alfred W., Bolton, England. Furnace grate. 1,574,276; Feb. 23.

Bensa, Felice. (See Schöpfer, Hermann, assignor.)

Benton, Donald L., Los Angeles, Calif., assignor to American Chain Company, Inc., Bridgeport, Conn. Bumper. Des. 69,478; Feb. 23.

Berger, Nathan J., assignor to Sandow Tool Co., U. S. A., New York, N. Y. Plate for lighting fixtures. Des. 69,481; Feb. 23.

Berger, Nathan J., assignor to Sandow Tool Co., U. S. A., New York, N. Y. Plate for lighting fixtures. Des. 69,482; Feb. 23.

Bergmann, Christian N., Pittsburgh, Pa., assignor to The Packard Electric Company, Warren, Ohio. Switch-actuating mechanism. 1,573,904; Feb. 23.

Berlin-Karlsruher Industrie-Werke A. G. (See Schall, Josef, assignor.)

Bergstein, Samuel, assignor to The Interstate Folding Box Company, Middletown, Ohio. Making adhesive joints and the like. 1,574,018; Feb. 23.

Bergstein, Samuel, assignor to The Interstate Folding Box Company, Middletown, Ohio. Paper-box-making machine. 1,574,019; Feb. 23.

Bernhardt, Max E. (See Holtzman, John, assignor.)

Bernhart Mercantile Company. (See Skinner, E. R., Renne, and Ostermeyer, assignors.)

Berry, William. (See Macadam, J., and Berry.)

Berseth, Harald K. (See Berseth, H. K., and Berseth.)

Bettendorf Company, The. (See Reck, F. W., and Vetter, assignors.)

Beyer, Otto S., assignor to E. W. Bliss Company, Brooklyn, N. Y. Drawing press. 1,574,465; Feb. 23.

Bleshar, Henry W., Oskaloosa, Iowa. Tire-inflating device. 1,574,549; Feb. 23.

Birkin, Charles W., and E. T. Sands, Broadway, Nottingham, assignors to Birkin and Company, Nottingham, England. Lace. Des. 69,483; Feb. 23.

Birkin, Charles W., and E. T. Sands, Broadway, Nottingham, assignors to Birkin and Company, Nottingham, England. Lace. Des. 69,484; Feb. 23.

Birkin and Company. (See Birkin, C. W., and Sands, assignors.)

Bissell, Carl H., and R. H. Olley, assignors to Crouse-Hinds Company, Syracuse, N. Y. Electric switch for headlights. 1,574,360; Feb. 23.

Black & Decker Manufacturing Company, The. (See Black, S. D., and Decker, assignors.)

Black, John A., Stephen, Minn. Road shoulder and weed attachment for road-scraping machines. 1,573,905; Feb. 23.

Black, Samuel D., and A. G. Decker, Baltimore, assignors to The Black & Decker Manufacturing Company, Towson, Md. Electric-cord protector. 1,574,020; Feb. 23.

Blair, James. (See Haslett, W. W., and Blair.)

Blake, Charles D., Glens Falls, N. Y. Sawmill-head-block cleaner. 1,573,906; Feb. 23.

Blauvelt, William G., New York, N. Y., assignor to American Telephone and Telegraph Company. Telephone-exchange system. 1,573,907; Feb. 23.

Bliss, E. W., Company. (See Beyer, Otto S., assignor.)

Blugerman, Henry, Toronto, Ontario, Canada. Extension-box-cover machine. 1,573,908; Feb. 23.

Blumberg, Ralph, Baltimore, Md. Emergency apparatus for damaged ships. 1,573,909; Feb. 23.

Blydenburgh, Harold L., Detroit, Mich. Sediment trap. 1,574,336; Feb. 23.

Bocchino, Joe, Utica, N. Y. Machine for forming cement blocks. 1,574,597; Feb. 23.

Boddy, Donald W. (See Frazier, R. T., Boddy, and Hamlin.)

Boddy, Howes, assignor to Co-Operative Utilities Co., Inc., Philadelphia, Pa. Spraying apparatus. 1,574,188; Feb. 23.

Boehmer, Rudolph J., Portland, Oreg. Two-cycle gas engines. 1,574,062; Feb. 23.

Bogert, Marston T., New York, N. Y. Dyestuff intermediates. 1,574,337; Feb. 23.

Boggiano, Victor J., Chicago, Ill. Automatic safety emergency valve for oil tanks and other containers of inflammable fluids. 1,573,798; Feb. 23.

Bonell, Lawrence, Chicago, Ill. Percolator. 1,574,021; Feb. 23.

Bosch, Robert, Aktiengesellschaft. (See Hähnle, Walter, assignor.)

Bosch, Robert, Aktiengesellschaft. (See Hähnle, W., and Hazenmaier, assignors.)

Bosworth, Harry J., Company. (See Bosworth, Harry J., assignor.)

Bosworth, Harry J., assignor to Harry J. Bosworth Company, Chicago, Ill. Light bracket. 1,573,799; Feb. 23.

Boullion, George. (See Boullion, John, G., and P.)

Boullion, John, G., and P., Conde, S. Dak. Mulching device for planters. 1,573,800; Feb. 23.

Boullion, Paul. (See Boullion, John, G., and P.)

Bowles, William M., assignor of one-half to Mrs. S. Moses, Shawnee, Okla. Metal melting and pouring device. 1,574,598; Feb. 23.

Bown, Ralph, East Orange, N. J., assignor to American Telephone and Telegraph Company. Trouble-alarm system for radio receiving sets. 1,573,801; Feb. 23.

Bowser, S. F., and Company. (See Bradley, Richard C., assignor.)

Boyd, John S., assignor to John S. Boyd Co., Inc., Williamstown, Mass. Textile fabric. Des. 69,487; Feb. 23.

Boyd, John S., Co. (See Boyd, John S., assignor.)

Boye Needle Company, The. (See Carlson, Gustav A., assignor.)

Bradley, Charles, Los Angeles, Calif. Delivery heater for printing presses. 1,574,535; Feb. 23.

Bradley, Charles, Los Angeles, Calif. Heater for printing presses. 1,574,536; Feb. 23.

Bradley, Richard C., assignor to Emery Automatic Chain Stores, Inc., New York, N. Y. Casing for a vending machine. Des. 69,485; Feb. 23.

Bradley, Richard C., Chicago, Ill., assignor to S. F. Bowser and Company, Incorporated, Fort Wayne, Ind. Fluid meter. 1,574,338; Feb. 23.

Bradley Washfountain Company. (See Schlesinger, L. and Heine, assignors.)

Brandt Automatic Cashier Company. (See Brandt, Edward J., assignor.)

Brandt, Edward J., assignor to Brandt Automatic Cashier Company, Watertown, Wis. Coin-storage tray and supporting means therefor. 1,574,229; Feb. 23.

Braun, William H., assignor to Fallis Inc., Cincinnati, Ohio. Bottle. Des. 69,486; Feb. 23.

Bridges, A. S., et al. (See Nesmith, Samuel D., assignor.)

Brigham, Edward F., and J. N. Daniels, Newark, N. J., assignors to Benjamin & Johnes. Sewing machine. 1,574,184; Feb. 23.

Brigham, Edward F., and J. N. Daniels, Newark, N. J., assignors to Benjamin & Johnes. Automatic work-feed control for sewing machines. 1,574,185; Feb. 23.

Brinkman, Oscar F., assignor of one-half to M. Klivansky, Lancaster, Pa. Attachment for motor vehicles. 1,573,910; Feb. 23.

Briscoe, Walter W., Staunton, Va. Cigar and cigarette light extinguisher. 1,574,599; Feb. 23.

Brown, Clarence N., Colton, Calif. Soldering iron. 1,574,361; Feb. 23.

Brown, David. (See Stern, C., and Brown.)

Brown, Ellis E., Springmont, Pa. Safety connection for power transmission. 1,574,466; Feb. 23.

Brown, Frank W., Fort Dodge, Iowa. Snowplow. 1,574,230; Feb. 23.

Brewer, Fred J. (See Lehman, W., Brewer, Hoar, Johnston, and Fykse.)

Brown-Lipe Gear Company. (See Sweet, Henry W., assignor.)

Brown, Robert, Donaghmore, Ireland. Cooking oven. 1,574,467; Feb. 23.

Browne, Vere B., Brackenridge, Pa. Making magnetic alloys. 1,574,550; Feb. 23.

Brucker, Ferdinand F., assignor to The Miller Rubber Company, Akron, Ohio. Core or mandrel. 1,574,600; Feb. 23.

Brundage, James W., assignor to The Miller Rubber Company, Akron, Ohio. Steering-gear check. 1,574,601; Feb. 23.

Buchanan, Edward R., Pittsburgh, Pa. Windshield. 1,574,022; Feb. 23.

Buck, Sterling P. (See Saurez, Joseph M., assignor.)

Bucyrus Company. (See Bager, S. R. W. M., and Lehman, assignors.)

Bucyrus Company. (See Lehman W., Brewer, Hoar, Johnston, and Fykse, assignors.)

Buda Company, The. (See Gormley, Frank L., assignor.)

Budrow, William A., Pittsfield, Mass. Golf tee. 1,573,911; Feb. 23.

Bullard, Edward P., jr., assignor to The Bullard Machine Tool Co., Bridgeport, Conn. Multiple-spindle-machine tool. 1,574,726; Feb. 23.

Bullard, Edward P., jr., assignor to The Bullard Machine Tool Co., Bridgeport, Conn. Multiple-spindle continuous drilling machine. 1,574,727; Feb. 23.

Bullard Machine Tool Co., The. (See Bullard, Edward P., jr., assignor.)

Bullen, Clare H., assignor to Tuerck Mackenzie Machine Co., Portland, Oreg. Apparatus for making concrete pipe. 1,574,421; Feb. 23.

Bulmer, J. H., et al. (See Nesmith, Samuel D., assignor.)

Bumford, Edward, Birmingham, Ala. Rolling hollow steel. 1,574,551; Feb. 23.

Burch, Allen P., Whittier, Calif. Inset casing float valve. 1,574,537; Feb. 23.

Burdwise, Aaron, Baltimore, Md. Hand pick for string instruments. 1,573,912; Feb. 23.

Burdhard, Frederick A., New York, N. Y. Toilet-flushing device. 1,574,602; Feb. 23.

Burnett, W. J. (See Montgomery, James W., assignor.)

Burns, William. (See Wilke, F. L., and Burns.)

Burt, Alfred N. (See Banks, P. W., and Burt.)

Burtis, William T., Glen Head, N. Y. Cesspool. 1,574,603; Feb. 23.

Bush, John J., Dayton, Ohio. Foldable tent. 1,574,339; Feb. 23.

Buttery, Arthur R. (See Woodward, F. W., and Buttery.)

Buttery, Mabel A. (See Woodward, F. W., and Buttery, assignors.)

Cadenel, Louis, Paris, France. Electric safety combination lock. 1,573,802; Feb. 23.

Cadgène, Ernest, Englewood Cliffs, and G. Dupont, Paterson, N. J. Method and machine for decorating fabrics. 1,574,063; Feb. 23.

Caesar, Frank J., La Grange, assignor to R. Williamson & Co., Chicago, Ill. Candle cup. Des. 69,488; Feb. 23.

Caesar, Frank J., La Grange, assignor to R. Williamson & Co., Chicago, Ill. Ball-lamp adapter. Des. 69,489; Feb. 23.

Caesar, Frank J., La Grange, assignor to R. Williamson & Co., Chicago, Ill. Canopy for lighting fixtures. Des. 69,490; Feb. 23.

Caesar, Frank J., La Grange, assignor to R. Williamson & Co., Chicago, Ill. Canopy for lighting fixtures. Des. 69,491; Feb. 23.

Cahoon, Joseph C. (See Crosby, Frank B., assignor.)

Calder, John A. (See Davis, C. W., and Calder.)

California Canning Machinery Co. (See Wilcox, George, assignor.)

Callahan, E. J., et al. (See Nesmith, Samuel D., assignor.)

Callahan, Isabel G. (See Callahan, John F., assignor.)

Callahan, John F., assignor to I. G. Callahan, Brockton, Mass. Hemostatic forceps. 1,574,362; Feb. 23.

Caloric Gas Stove Works. (See Sulzbach, Louis, assignor.)

Calvert, Robert, Lompoc, assignor to The Celite Company, Los Angeles, Calif. Siliceous alkaline-earth product and making the same. 1,574,363; Feb. 23.

Camp, Percy B., Maywood, Ill., assignor to Universal Draft Gear Attachment Company. Uncoupling device for railway cars. 1,573,803; Feb. 23.

Campbell, Charles W. R., Driehoek, and F. G. A. Roberts, Johannesburg, Transvaal, South Africa. Moving-lens cinematograph apparatus. 1,573,804; Feb. 23.

Campbell, Frank H., Lewisburg, W. Va. Carrier or holder for artificial bait. 1,574,416; Feb. 23.

Campbell Wire Specialty Works. (See Kridler, Bernie C., assignor.)

Carlson, Gustav A., assignor to The Boye Needle Company, Chicago, Ill. Embroidery hoop. 1,574,364; Feb. 23.

Carroll, Andrew L., assignor of one-third to F. D. Johnson, St. Louis, Mo. Car wheel. 1,574,231; Feb. 23.

Cary Manufacturing Co. (See Cary Spencer C., assignor.)

Cary, Melbert B., New York, N. Y. Lamp structure. 1,573,805; Feb. 23.

Cary, Spencer C., assignor to Cary Manufacturing Co., Brooklyn, N. Y. Welding. Re16,276; Feb. 23.

Case, John D., Olean, N. Y. Combined ax and blade guard therefor. 1,574,232; Feb. 23.

Casey, John J., Gloucester, Mass., assignor to Kant Clog Specialty Company. Strainer for gasoline. 1,574,365; Feb. 23.

Casper, William L., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission circuits. 1,573,913; Feb. 23.

Caterpillar Tractor Co. (See Thoen, Lowell H., assignor.)

Celite Company, The. (See Calvert, Robert, assignor.)

Celite Company, The. (See Endres, Herbert A., assignor.)

Chadwick, Lee S., Shaker Heights Village, assignor to Perfection Stove Company, Cleveland, Ohio. Sheet-metal construction. 1,574,186; Feb. 23.

Chamberlain, George L., Chicago, Ill. Electrical connection for transformers and the like. 1,574,064; Feb. 23.

Chamberlain, William T., New York, N. Y. Automatic shifter. 1,574,004; Feb. 23.

Chandler, Orville L., Stamford, N. Y. Log-sawing machine. 1,573,806; Feb. 23.

Chapman, Leslie G., Bangor, Me. Towline for automobiles. 1,574,552; Feb. 23.

Charnock, George H., Buffalo, N. Y. Silencer for gas-engine valve mechanism. 1,573,962; Feb. 23.

Chartier, Frank, Duluth, Minn. Drag. 1,574,605; Feb. 23.

Chase, Charles B., Fall River, Mass. Fabric and in loom employed in the manufacture thereof. 1,573,807; Feb. 23.

Chase, Irwin, Bayonne, N. J., assignor to The Elco Works of the Electric Boat Company. Door mounting. 1,574,553; Feb. 23.

Chein, Julius, New York, N. Y. Toy filling station. Des. 69,492; Feb. 23.

Cheney, Herbert W., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Switch. 1,574,417; Feb. 23.

Chestnut and Smith Corporation. (See Oberfell, G. G., Ballard, Alden, Utsinger, and Lentz, assignors.)

Chicago Carton Company. (See Hayes, Charles G., assignor.)

Chipka, Andrew, Lackawanna, N. Y. Dimmer shade for motor-vehicle headlights. 1,574,554; Feb. 23.

Christensen, Norman H., Windsor, Victoria, Australia. Manufacture of powdered milk. 1,574,233; Feb. 23.

Christopherson, Gautier A., San Francisco, Calif. Paper-hanger's knife attachment. 1,574,641; Feb. 23.

Ciardi, Frank, Dover, N. J. Bottle. Des. 69,493; Feb. 23.

Cimorosi, Alberto, Elkton, Md. Fuse. 1,573,914; Feb. 23.

Cincinnati Milling Machine Company, The. (See Einstein, S., and Isler, assignors.)
Clapp, Robert M., Alhambra, Calif. Spout and seal for containers. 1,573,915; Feb. 23.
Clark-Cutler-McDermott Co. (See McDermott, Thomas S., assignor.)
Clarke, Benjamin. (See Duggan, William H., assignor.)
Clement, Charles G., assignor to Highway Trailer Company, Edgerton, Wis. Trailer hitch. 1,574,468; Feb. 23.
Clement, Charles G., assignor to Highway Trailer Company, Edgerton, Wis. Drawbar lock. 1,574,469; Feb. 23.
Cleveland Brass Manufacturing Company, The. (See Costello, Joseph A., assignor.)
Cleveland Trust Company, The. (See Howdeshell, Roland M., assignor.)
Clift, John H., Fredonia, Ky. Hayfork signaling device. 1,573,808; Feb. 23.
Clum Manufacturing Company. (See Winning, Robert K., assignor.)
Coe, Harrison S., Mound City, Kans., assignor, by mesne assignments, to The Cycle Company, Colorado Springs, Colo. Filter. 1,574,556; Feb. 23.
Coe, Harrison S., Mound City, Kans., assignor, by mesne assignments, to The Cycle Company, Colorado Springs, Colo. Filtering apparatus. 1,574,557; Feb. 23.
Coe, Harrison S., Mound City, Kans., assignor, by mesne assignments, to The Cycle Company, Colorado Springs, Colo. Filtering. 1,574,558; Feb. 23.
Coffee, Bassett M., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Bearing construction. 1,574,470; Feb. 23.
Cohn, Leon, Paris, France. Cake of soap or similar article. Des. 69,494; Feb. 23.
Cole, John A., Chicago, Ill. Apparatus for testing water mains. 1,574,366; Feb. 23.
Columbus Dental Manufacturing Company, The. (See Pickering, Lafayette, assignor.)
Commander, Paul P., Doerun, Ga. Printing mechanism. 1,574,367; Feb. 23.
Commonwealth Steel Company. (See Ashe, William O., assignor.)
Commonwealth Steel Company. (See Pflager, Harry M., assignor.)
Condit Electrical Manufacturing Corporation. (See Ainsworth, Chester D., assignor.)
Condit Electrical Manufacturing Corporation. (See O'Keeffe, George W., assignor.)
Coney, James D., assignor to Star Service Hanger Co., Detroit, Mich. Garment hanger. 1,574,065; Feb. 23.
Connelly, James A., Hamilton, Ohio. Brake shoe. 1,574,555; Feb. 23.
Connors, Cornelius J., Los Angeles, Calif. Chain. 1,574,066; Feb. 23.
Conroy, Michael T., Akron, assignor of one-half to H. M. Groue, Cuyahoga Falls, Ohio. Rim and tire construction for vehicle wheels. 1,574,277; Feb. 23.
Consolidated Car-Heating Company. (See Hynes, Lee P., assignor.)
Cook, Adoniram J., Westerlo, N. Y. One-piece rail anchor. 1,574,067; Feb. 23.
Cooke, Harry, jr., Garfield, N. J. Automatically controlling traffic. 1,574,606; Feb. 23.
Cooley, Asa B., Hubbard Woods, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Tire. Des. 69,495; Feb. 23.
Cooley, Asa B., Hubbard Woods, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Tire. Des. 69,496; Feb. 23.
Cooley, Asa B., Hubbard Woods, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Tire. Des. 69,497; Feb. 23.
Co-Operative Utilities Co. (See Bodfish, Howes, assignor.)
Corcoran, George E., Washington, D. C. Headlight lens. 1,574,607; Feb. 23.
Cordley, Henry G., Glen Ridge, N. J., and G. R. Long, Waterbury, Conn. Stand for water coolers. 1,574,608; Feb. 23.
Costello, Joseph A., assignor to The Cleveland Brass Manufacturing Company, Cleveland, Ohio. Faucet. 1,574,368; Feb. 23.
Cover, Monroe A., Okmulgee, Okla. Pen. 1,574,369; Feb. 23.
Coviello, Pasquale, Highland Mills, N. Y. Scalp-tonic applicator. 1,574,418; Feb. 23.
Coxe, William G., Philadelphia, Pa., and G. M. Lagergren, Wilmington, Del. Marine-engine governor. 1,574,559; Feb. 23.
Cramer, William, St. Louis, Mo. Folding bed. 1,573,809; Feb. 23.
Crawford, Thomas A., Sacramento, Calif. Oil burner. 1,574,560; Feb. 23.
Cretney, Thomas G., Madison, Wis. Traffic marker. 1,574,738; Feb. 23.
Crickmer, Charles S., assignor to The Guilberson Corporation, Dallas, Tex. Swivel joint. 1,574,187; Feb. 23.
Crisp, Thomas F. M., assignor of one-half to G. W. Johnson, North Uvalde, Tex. Spring mounting for vehicles. 1,573,916; Feb. 23.
Crites, William D., Duluth, Minn. Gas burner. 1,574,668; Feb. 23.
Crooks, Charles L. (See Crompton, E., and Crooks.)
Crompton, Edwin, and C. L. Crooks, assignors to The Positive Lock Company, Pueblo, Colo. Latch or keeper means. 1,574,023; Feb. 23.
Crompton, Edwin, and C. L. Crooks, assignors to The Positive Lock Company, Pueblo, Colo. Latch. 1,574,024; Feb. 23.
Crompton, George, jr., Worcester, Mass. Loom temple. 1,574,415; Feb. 23.
Crosby, Frank B., assignor of one-half to J. C. Cahoon, Seattle, Wash. Traffic signal. 1,574,538; Feb. 23.
Crouse-Hinds Company. (See Bissell, C. H., and Olley, assignors.)
Cumner, Arthur B., Philadelphia, Pa. Draining motor-vehicle crank cases and the like. 1,574,234; Feb. 23.
Cunningham, Charles A., Boston, Mass. Anchor. 1,574,471; Feb. 23.
Cunningham, Christopher C., assignor to A. G. Mooney Limited, Montreal, Quebec, Canada. Apparatus for making shoe shanks. 1,573,810; Feb. 23.
Currier, Alfred M., Aberdeen, Wash. Insertable saw tooth and holder therefor. 1,574,609; Feb. 23.
Curtiss, Harold E., Monroe, Mich. Centrifugal switch. 1,574,370; Feb. 23.
Cushing, Emily C., Denver, Colo. Display rack. 1,574,371; Feb. 23.
Custer, Ida M., Rahway, N. J. Lubricating composition. 1,574,642; Feb. 23.
Cutler, Elmer D., et al. (See Daugherty, Claude, assignor.)
Cutler, William C., Glendale, Calif. Vending-machine casing. Des. 69,498; Feb. 23.
Cycle Company, The. (See Coe, Harrison S., assignor.)
Czapek, Emil and R. Weingand, Bomlitz, near Walsrode, Germany. Dissolving device. 1,574,561; Feb. 23.
Daae, Reinhardt, Youngstown, Ohio. Fuel feed for gas producers. 1,573,811; Feb. 23.
Dailey, Clyde C., Terra Cotta, assignor to A. S. Wolfe, Washington, D. C. Plunger. 1,573,812; Feb. 23.
Daly, John J. (See Shopneck, Henry P., assignor.)
Dameron, Napoleon, and R. Rhodes, Hamilton, Wash. Choker hook. 1,574,372; Feb. 23.
Damm, Samuel F., assignor to Niagara Wall Paper Company, Niagara Falls, N. Y. Cutting paper. 1,573,813; Feb. 23.
Daniels, James N. (See Brigham, E. F., and Daniels.)
Darbourne, William H. (See Greaves, T., Darbourne, and Warner.)
Daugherty, Claude, assignor of one-fourth to L. A. Woods and one-fourth to E. D. Cutler, Smithville, Mo. Draft appliance. 1,574,539; Feb. 23.
Davis, Charles W. and J. A. Calder, assignors to The Torrington Company, Torrington, Conn. Retainer for radial ball bearings. 1,574,278; Feb. 23.
Davis, David L., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. Des. 69,499; Feb. 23.
Davis, Ernest W., Oak Park, assignor to The Bassick Manufacturing Co., Chicago, Ill. Lubricant compressor. 1,574,279; Feb. 23.
Davis, Harry A., assignor to Draper Corporation, Hopedale, Mass. Filling replenishing shuttle. 1,574,643; Feb. 23.
Davis, Lewis C., Baltimore, Md. Boiler-water-level automatic control apparatus. 1,574,235; Feb. 23.
Davis & Turber Machine Company. (See Putnam, Walter T., assignor.)
Davis, William J., Redondo Beach, Calif. Motor-vehicle direction-indicating signal. 1,574,146; Feb. 23.
De Cew, Judson A., Mount Vernon, assignor to Process Engineers, Inc., New York, N. Y. Preventing froth on paper machines. 1,573,814; Feb. 23.
Decker, Alonzo G. (See Black, S. D., and Decker.)
Dedouch, Joseph A., Oak Park, Ill. Medallion mounting. 1,574,373; Feb. 23.
De Haas, Harry A., Mount Lebanon Township, Allegheny County, Pa. Swinging-window structure. 1,573,917; Feb. 23.
De Haven, Joseph C. (See Hogg, M., and De Haven.)
De Jarnette, Henry W., Des Moines, Iowa. Slip-sheeting device. 1,574,148; Feb. 23.
Dekoff, George, Chicago, Ill. Automatic-feed toothpick holder. 1,574,069; Feb. 23.
Delaney, Harry D., Memphis, Tex. Combined shaving and tooth brush. 1,574,610; Feb. 23.
Delliplain, Morse. (See Kolb, Frank A., assignor.)
De Long, George L. (See Hompes, H., and De Long.)
Dembek, Anthony F., Brooklyn, N. Y. Automobile tire. 1,574,611; Feb. 23.
Demetropoulus, Peter, Chicago, Ill. Article of furniture. 1,574,070; Feb. 23.
Dennison, George E. (See Frampton, D. A., and Dennison.)
Derus, Albert E., Chicago, Ill. Vending-machine casing. Des. 69,500; Feb. 23.
Detachable Heels Limited. (See Banks, P. W., and Burt, assignors.)
Detroit Patents Holding Company. (See Haggart, John C., jr., assignor.)
De Vries, Nickolas G. (See Franke, D. H., and De Vries.)
Dewhirst, Walter J., Los Angeles, Calif. Pit tool. 1,573,918; Feb. 23.
Dhunjibhoy, Sorabji, Marha Tal, India. Railway-train-stopping device. 1,573,919; Feb. 23.

Diamond Match Company, The. (See Elder, W. J., and Morehouse, assignors.)
Dickerson, Glenn H., assignor of one-third to D. Hamilton and one-third to H. Riechel, Grand Rapids, Mich. Board-dressing machine. 1,574,419; Feb. 23.
Dickerson, Orman W., Oklahoma City, Okla. Rotary underreamer drill. 1,574,280; Feb. 23.
Dickinson, Neville S. (See Norton, C., Dickinson, and Scott.)
Diederichs, William J., and A. Hayes, Ames, Iowa. Treating iron. 1,574,374; Feb. 23.
Diederichs, William J., and A. Hayes, Ames, Iowa. Treating iron. 1,574,375; Feb. 23.
Diederichs, William J., and A. Hayes, Ames, Iowa. Treating iron. 1,574,376; Feb. 23.
Diederichs, William J., and A. Hayes, Ames, Iowa. Treating iron. 1,574,377; Feb. 23.
Dinkelspiel, Lawrence, West New York, N. J., assignor to Harnapp, Dinkelspiel & Co. Inc. Lace trimming for doily or similar article. Des. 69,501; Feb. 23.
Dion, Frank E. (See Tautz, H., and Dion.)
Dismer, Henry L., Davenport, Iowa. Machine for wrapping bed mattresses. 1,573,920; Feb. 23.
Dobinson, William J., Somerville, assignor of one-half to A. W. Finlay, Brookline, Mass. Collotype printing plate and making the same. 1,574,378; Feb. 23.
Dodge, George W., Knoxville, Tenn. Train-control system. 1,573,921; Feb. 23.
Dolan, James A. (See Strang, S., and Dolan.)
Doran, Mortimer, Waterbury, Conn. Combination shade bracket. 1,573,815; Feb. 23.
Douglas Company, The. (See Hohmeister, Arthur E., assignor.)
Doyle, George H., Holtsville, N. Y. Fountain pen. 1,574,281; Feb. 23.
Draper Corporation. (See Davis, Harry A., assignor.)
Draper Corporation. (See Hollins, Denis M., assignor.)
Draper, Corporation. (See Sorrells, James A., assignor.)
Dreher, Gustave F., Schenectady, N. Y., assignor to General Electric Company. Impregnated insulation. 1,574,562; Feb. 23.
Driver-Harris Company. (See Henderson, John C., assignor.)
Drucklieb, Jeanne L., New York, N. Y. Book end. Des. 69,502; Feb. 23.
Dvorsky, Frank, New York, N. Y. Automatic cigar and cigarette box. 1,574,071; Feb. 23.
Duff, Samuel E., Ben Avon, assignor of one-half to A. W. Heinle, Crafton, Pa. Metallic structure and structural unit. 1,574,563; Feb. 23.
Duffing, Georg, Hamburg, Germany. Apparatus for lubricating the axle bearings of vehicles and the like. 1,574,236; Feb. 23.
Duggan, William H., assignor of one-half to B. Clarke, Chicago, Ill. Battery cell and handle. 1,573,922; Feb. 23.
Duncan, William, Los Angeles, Calif. Scalp-massaging device. 1,574,540; Feb. 23.
Duncan, William M., Alton, Ill. Chain grate. 1,573,816; Feb. 23.
Du-Plex Envelope Corporation. (See Redington, John C., assignor.)
Dupont, George. (See Cadgène, E., and Dupont.)
Dupree, Frederick G. W. (See Smith, A. V., and Dupree.)
Earl, W. D., & Co. (See Fiske, Charles F., assignor.)
Eaton Axle and Spring Company, The. (See Weymouth, Harry G., assignor.)
Eaton, Robert A., Haddon Heights, N. J. Cement-block mold box. 1,574,612; Feb. 23.
Edelson, Samuel, New York, N. Y. Doorlock. Des. 69,503; Feb. 23.
Edler, Hans, Gelsenkirchen, Germany. Apparatus for the electrical purification of gases. 1,574,237; Feb. 23.
Edwards, Beanreguard, Brunswick, Ga. Portable fence. 1,573,817; Feb. 23.
Einstein, Sol, Cincinnati, and H. R. Isler, Norwood, assignor, by mesne assignments, to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Shock-absorbing motion accelerator. 1,573,818; Feb. 23.
Elco Works of the Electric Boat Company, The. (See Chase, Irwin, assignor.)
Elder, William J., and C. N. Morehouse, Oswego, N. Y., assignors to The Diamond Match Company, Chicago, Ill. Impregnating match splints to prevent afterglow. 1,574,238; Feb. 23.
Electric Service Supplies Co. (See Kopprasch, Alexander H., assignor.)
Electro Thermostatic Control Company. (See Goodhue, Julian G., assignor.)
Elevator Supplies Company. (See Norton, C., Dickinson, and Scott, assignors.)
Elevator Supplies Company. (See Weeks, William W., assignor.)
Elliott, Harold F., Palo Alto, assignor, by mesne assignments, to Federal Telegraph Company, San Francisco, Calif. Radiofrequency arc. 1,574,472; Feb. 23.
Elliott, Harold F., and J. A. Miller, Palo Alto, assignors, by mesne assignments, to Federal Telegraph Company, San Francisco, Calif. Radiofrequency system. 1,574,473; Feb. 23.
Ellis, Lawrence E., New York, N. Y. Textile fabric. Des. 69,504; Feb. 23.
Emert, Charles S., Peoria, Ill. Tamping machine. 1,574,379; Feb. 23.
Emery Automatic Chain Stores, Inc. (See Bradley, Richard C., assignor.)
Endebrock, Robert A., assignor to The Trailmobile Company, Cincinnati, Ohio. Lock. 1,574,072; Feb. 23.
Endert, Dirk C. (See Mulder, J., and Endert.)
Endres, Herbert A., Lompoc, assignor to The Celite Company, Los Angeles, Calif. Article of manufacture and process of making same. 1,574,380; Feb. 23.
Englen, Frederick J., Omaha, Nebr., assignor to Toledo Scale Company, Toledo, Ohio. Locking device for scales. 1,574,073; Feb. 23.
Entenmann, Eugene, Stuttgart, Germany. Drawing carriage for drawing machines. 1,574,381; Feb. 23.
Erie City Iron Works. (See Martin, Stanton C., assignor.)
Escofet, Juan O. (See Triana, Rodrigue J. A. and A. E. L., and Escofet.)
Fallis Inc. (See Braun, William H., assignor.)
Falor, Abram E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for vulcanizing hollow articles. Re16,271; Feb. 23.
Faltus, Edward, New York, N. Y. Printing-press ink fountain. 1,574,474; Feb. 23.
Fanet, Louis L. E. (See Béal, P. E., and Fanet.)
Farnsworth, William Y., Seattle, Wash. Forming machine. 1,574,564; Feb. 23.
Farrow, Valentine G., administratrix. (See Gits, Alphons H.)
Farup, Peder, Slemdal, near Christiania, assignor to Norsk Hydro-Elektrisk Kvaelstofaktieselskab, Christiania, Norway. Dry reduction of iron ore. 1,574,382; Feb. 23.
Fauser, George, assignor to Fisher Body Corporation, Detroit, Mich. Doorcheck. 1,574,340; Feb. 23.
Federal Telegraph Company. (See Elliott, H. F., and Miller, assignors.)
Federal Telegraph Company. (See Elliott, Harold F., assignor.)
Feind, Robert F., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dust collector or filter. 1,574,422; Feb. 23.
Feldstein, Ben J., New York, N. Y. Baby rattle. 1,574,341; Feb. 23.
Fellowes, Harry L., assignor to Bankers Box Company, Chicago, Ill. Box closure. 1,574,737; Feb. 23.
Ferguson, John A., Orange Park, Fla. Apparatus for molding building blocks. 1,574,565; Feb. 23.
Fern, Oscar, Newburyport, Mass. Shank stiffener for shoes. 1,574,342; Feb. 23.
Ferngren, Enoch T., Toledo, Ohio, assignor to Hartford-Fairmont Company. Method and apparatus for delivering molten glass. 1,574,739; Feb. 23.
Fesler, Milton A., Stamford, Conn., assignor to Petroleum Heat & Power Company, Boston, Mass. Safety device for burners. 1,574,728; Feb. 23.
Fessenden, Reginald A., Chestnut Hill, Mass. Channel pilot. 1,574,074; Feb. 23.
Fields, Joseph A., New York, N. Y. Perfume container. Des. 69,505; Feb. 23.
Fiering, Isidore, et al. (See Fiering, M., and Schneider, assignors.)
Fiering, Mayer, Brooklyn, and I. Schneider, assignors to themselves and I. Fiering, New York, and S. Weintraub, Brooklyn, N. Y. Hand-carried receptacle. 1,574,644; Feb. 23.
Finlay, Albert W. (See Dobinson, William J., assignor.)
Finder & Urbanek. (See Finder, George A., assignor.)
Finder, George A., assignor, by mesne assignments, to Finder & Urbanek, Chicago, Ill. Reed trimmer. 1,574,420; Feb. 23.
Firman, Harry, Woodhaven, N. Y. Lamp shade. 1,574,613; Feb. 23.
Fischer, Joseph C., Milwaukee, Wis. Water-temperature regulator and pressure-control valve. 1,574,075; Feb. 23.
Fish, Frederick K., jr., New York, N. Y. Recovering by-products from plant substances and the like. 1,574,614; Feb. 23.
Fish, Frederick K., jr., Windsor Mills, Canada, assignor to Wood Products & By Products Corporation. Making paper pulp. 1,574,026; Feb. 23.
Fisher Body Corporation. (See Fauser, George, assignor.)
Fisher, Henry W., Perth Amboy, N. J., assignor to Standard Underground Cable Company, Pittsburgh, Pa. High-voltage cable and method of maintenance. 1,574,076; Feb. 23.
Fisk Rubber Company, The. (See Fuller, Everett W., assignor.)
Fiske, Charles F., Leominster, assignor to W. D. Earl & Co., Boston, Mass. Container. 1,574,566; Feb. 23.
Fitzhugh, Champe G., Washington, D. C. Can. 1,574,239; Feb. 23.
Flannery Bolt Company. (See Landgraf, Frederick K., assignor.)
Fleming, Cornelius S., Berkeley, assignor to The Paraffine Companies, Inc., San Francisco, Calif. Roofing material. 1,574,615; Feb. 23.
Fletcher, Harvey, assignor to Western Electric Company, Incorporated, New York, N. Y. Secret signaling. 1,573,924; Feb. 23.
Fletcher, Herbert E., Westford, Mass. Pavement and process of making. 1,573,923; Feb. 23.

Flettner, Anton, The Hague, Netherlands. Device for steering aircraft. 1,574,567; Feb. 23.

Fonty, Henri, assignor to Societe Anonyme des Etablissements Lefaive and J. J. Knecht, Paris, France. Carrier-drive head for lace-braiding machines. 1,574,240; Feb. 23.

Fonty, Henri, assignor to Société Anonyme des Etablissements Lefaive, Jean Jacques Knecht, Paris, France. Bobbin-carrier for luce-braiding machines. 1,574,616; Feb. 23.

Ford Motor Company. (See Paloski, Joseph B., assignor.)

Foster, Ephriam A., Massillon, Ohio. Traction-increasing device for motor vehicles. 1,574,729; Feb. 23.

Foster, Walter L., Whittier, Calif. Shock absorber. 1,574,730; Feb. 23.

Foster, Walter L., Whittier, assignor of one-fourth to W. Meredith, Huntington Beach, and one-fourth to W. H. Taylor, South Pasadena, Calif. Core barrel and rotary bit. 1,574,731; Feb. 23.

Fox, Maud C., New York, N. Y. Clock case. Des. 69,506; Feb. 23.

Fox, Ross, Los Angeles, Calif. Switch. 1,574,475; Feb. 23.

Frampton, David A., and G. E. Dennison, Youngstown, Ohio. Rail joint. 1,574,189; Feb. 23.

Francis, John A., Parkerton, Wyo. Ripper for well casings. 1,574,241; Feb. 23.

Francke, William J., assignor, by mesne assignments, to John Waldron Corporation, New Brunswick, N. J. Flexible coupling. 1,574,568; Feb. 23.

Franke, David H., and N. G. De Vries, Brooklyn, N. Y. Soldering iron. 1,573,925; Feb. 23.

Franklin, William E., Earlham, Iowa. Pole setter. 1,574,147; Feb. 23.

Frantz, Ernst, Newark, N. J. Waterproof pocket. 1,574,077; Feb. 23.

Fraser, John D., Leamington, Ontario, Canada. Motor-vehicle transmission. 1,574,383; Feb. 23.

Frazier, Robert T., D. W. Boddy and C. F. Hamlin, assignors to Tennessee Furniture Corporation, Chattanooga, Tenn. Refrigerator. 1,574,569; Feb. 23.

Frazine, William H., Modesto, Calif. Shock absorber. 1,573,926; Feb. 23.

Fried. Krupp Aktiengesellschaft. (See Akemann, Walther, assignor.)

Friedman, Jacob H., New York, N. Y. Protective device. 1,574,188; Feb. 23.

Frederics, Ernest O., New York, N. Y. Hair-drying machine. 1,574,343; Feb. 23.

Freeburg, Frank M., Philadelphia, Pa. Railway switch. 1,574,027; Feb. 23.

Freiburger, Ignatius P., Fort Wayne, Ind. Rake. 1,573,819; Feb. 23.

Frensdorff, Willy, assignor to Actien-Gesellschaft Weser, Bremen, Germany. Electric driving installation. 1,574,242; Feb. 23.

Francis, John M. (See Ratliff, D. S., Francis, and Reese.)

Friedley-Voshardt Co. (See Wellman, Lester R., assignor.)

Froussard, Albert F., St. Louis, Mo. Shoe-worker's press. 1,574,078; Feb. 23.

Fulford, Lester E., Edgewood, assignor to Fulford Mfg. Co., Providence, R. I. Chain construction. 1,573,927; Feb. 23.

Fulford Mfg. Co. (See Fulford, Lester E., assignor.)

Fuller, Everett W., Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Age-resisting rubber compound and making the same. 1,573,928; Feb. 23.

Fykse, Mitchell L. (See Lehman, W., Brewer, Hoar, Johnston, and Fykse.)

G & J Tire Company. (See Null, Ralph G., assignor.)

Gade, Samuel, New York, N. Y. Waste and overflow fixture for bathtubs. 1,573,820; Feb. 23.

Gall, William F., Russellton, Pa. Strainer. 1,573,929; Feb. 23.

Gallagher, Alfred H., assignor to Tanners Products Company, Chicago, Ill. Deodorizing hair, feathers, and the like and product thereof. 1,574,617; Feb. 23.

Gallagher, Alfred H., assignor to Tanners Products Company, Chicago, Ill. Treating apparatus. 1,574,618; Feb. 23.

Gallesio-Piuma, Michele L., Piemonte, Italy. Filling of honeycombs with sweet liquid for the nourishment of bees. 1,574,256; Feb. 23.

Galvin, Wade S., assignor to The Akron Standard Mold Company, Akron, Ohio. Resilient tire. Des. 69,507; Feb. 23.

Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Festooning rack. 1,573,821; Feb. 23.

Gardner, Joseph B., assignor to Hammer-Bray Company, Oakland, Calif. Air feed and vent for closed-top gas stoves. 1,574,079; Feb. 23.

Garner, James C., Houston, Tex. Machine for reginning cotton and other fibrous materials. 1,574,844; Feb. 23.

Garner, James C., Houston, Tex. Mechanism for cleaning cotton fibers. 1,574,384; Feb. 23.

Garrett, Garfield A., Dorrance, Kans. End gate. 1,574,282; Feb. 23.

Gatch, Robert F., Columbus, Ohio. Vehicle light. 1,573,822; Feb. 23.

Gates, Charles C., Altoona, Pa. Roof. 1,574,345; Feb. 23.

Gates, Leroy G., Bakersfield, assignor to Standard Oil Company, San Francisco, Calif. Apparatus for pumping deep wells. 1,574,080; Feb. 23.

Gates, Leroy G., Bakersfield, assignor to Standard Oil Company, San Francisco, Calif. Apparatus for pumping deep wells. 1,574,081; Feb. 23.

Geummill, James L., assignor of one-half to W. A. Ludlow, Pontiac, Mich. Explosive-mixture compressor. 1,574,645; Feb. 23.

General Electric Company. (See Dreher, Gustave F., assignor.)

General Electric Company. (See Hall, John L., assignor.)

General Electric Company. (See Holmes, Charles E., assignor.)

General Electric Company. (See Kern, Carl, assignor.)

General Electric Company. (See Lougee, Norman A., assignor.)

General Electric Company. (See Unger, Magnus, assignor.)

General Motors Corporation. (See Midgley, Thomas, jr., assignor.)

General Railway Signal Company. (See Leake, Richard C., assignor.)

Gerard, Victor, assignor to Mystic Mirror Inc., Los Angeles, Calif. Advertising frame. Des. 69,508; Feb. 23.

Gerasch, Emil, G. m. b. H. (See Oheim, A. C., Syhre, and Hentschel, assignors.)

Gerfin, Paris M., East Petersburg, Pa. Pruning implement. 1,574,283; Feb. 23.

Gibbs, Stanley F. (See Harmon, I. L., and Gibbs.)

Gibson, Felix A., Martin County, Fla. Nut lock. 1,574,619; Feb. 23.

Gill, Charles H., Chicago, Ill., assignor to The Autodrive Company. Differential transmission mechanism. 1,574,620; Feb. 23.

Gillett, Harry. (See Loucks, J. F., and Gillett.)

Gillinder, Edgar A., Philadelphia, Pa. Lighting fixture. Des. 69,509; Feb. 23.

Gillis, John H., Gainesville, Tex. Peeler. 1,574,284; Feb. 23.

Gillis, Julius H., Elizabeth, N. J., assignor, by mesne assignments, to Anaconda Sales Company. Process and apparatus for manufacturing roofing elements. 1,574,285; Feb. 23.

Gilmore, Millard, Oak Park, Ill. Louver. 1,573,930; Feb. 23.

Gilson Manufacturing Company. (See Hansen, Oswald H., assignor.)

Glssendanner, Roy L., et al. (See Wesson, Ernest E., assignor.)

Gits, Alphons H., deceased, Chicago, Ill.; V. G. Farrow, administratrix. Lubricating device. 1,574,386; Feb. 23.

Glahn, George J., Owensboro, Ky. Vehicle bumper. 1,574,243; Feb. 23.

Globe Wernicke Co. (See Ringler, William A., assignor.)

Globe Wernicke Co. (See Yeiser, H. C., and Ringler, assignors.)

Going, George G., Middletown, Conn., assignor to Remington-Nolseless Typewriter Corporation, New York, N. Y. Typewriting machine. 1,574,285; Feb. 23.

Goldsmith, Manning, Atlanta, Ga. Internal-combustion engine. 1,574,244; Feb. 23.

Good, Percy J., Camden, Me. Grave marker. 1,574,621; Feb. 23.

Goodhue, Julian G., Evanston, assignor to Electro Thermostatic Control Company, Chicago, Ill. Thermostat. 1,574,346; Feb. 23.

Goodrich, B. F., Company, The. (See Falor, Abram E., assignor.

Goodrich, B. F., Company, The. (See Gammeter, John R., assignor.)

Goodrich, B. F., Company, The. (See Raber, Nelson E., assignor.)

Gormley, Frank L., Brookline, Mass., assignor to The Buda Company, Harvey, Ill. Lifting jack. 1,574,476; Feb. 23.

Gould, Arodd L., Long Beach, Calif. Toy dog. Des. 69,510; Feb. 23.

Gould, Arodd L., Long Beach, Calif. Toy cat. Des. 69,511; Feb. 23.

Gouldbourn, Joseph. (See Bates, A., and Gouldbourn.)

Goulding, Benjamin J. J., Altrincham, assignor to Linotype and Machinery, Limited, London, England. Apparatus for gumming lithographic printing surfaces. 1,574,570; Feb. 23.

Goyne, Charles H., assignor to Goyne Steam Pump Co., Ashland, Pa. Priming system for centrifugal pumps. 1,573,931; Feb. 23.

Goyne Steam Pump Co. (See Goyne, Charles H., assignor.)

Graber, Harvey J., Kitchener, Ontario, Canada. Cushion sole. 1,574,028; Feb. 23.

Grand Specialties Company. (See Sasgen, M. J., and Simonsen, assignors.)

Granger, Louis, C. Mariller, and C. Prache, Paris, France. Distilling volatile products. 1,574,622. Feb. 23.

Grant, Arthur L., Plainfield, N. J. Water purifier. 1,574,477; Feb. 23.

Grasselli Chemical Company. (See Schweitzer, William K., assignor.)

Grau, Louis, Brooklyn, N. Y. Signal cane. 1,574,623; Feb. 23.

Gray, Ellsworth, Houston, Tex. Pump. 1,573,823; Feb. 23.

Gray, Everett E., Los Angeles, Calif. Circuit controller for lens-drilling machines. 1,574,571; Feb. 23.

Greaves, Thomas, W. H. Darbourne, and V. Warner, assignors to The Littlejack Engineering Co. Limited, Mansfield, England. Timber-drawing appliance. 1,574,624; Feb. 23.

Green, David H., San Francisco, Calif. Signal. Re16,272; Feb. 23.

Greene, William C., Company. (See Armstrong, George A., assignor.)

Griffiths, Charles A., Johannesburg, Transvaal, South Africa. Apparatus for distilling carbonaceous materials. 1,573,824; Feb. 23.

Grimmelsen, Georges E., Paris, France. Hydrocarbon burner. 1,574,625; Feb. 23.

Gringe, Casper H., assignor to Waterloo Saddlery Company, Waterloo, Iowa. Hame holder for horse collars. 1,574,478; Feb. 23.

Groenebaum, Wilhelm, Neu-Babelsberg, near Berlin, Germany, assignor to the Firm Naamlooze Vennootschap Financieele Maatschappij "Prelbergen," Amsterdam, Netherlands. Clutch mechanism for sound-reproducing machines and the like. 1,574,286; Feb. 23.

Grossbard, Barnet, San Francisco, Calif. Motor attachment for sewing machines. 1,573,932; Feb. 23.

Groue, Henry M. (See Conroy, Michael T., assignor.)

Grove, Tracy B., Portland, Oreg. Game. 1,574,572; Feb. 23.

Groves, Bonnie J. (See Groves, Ray H., assignor.)

Groves, Ray H., assignor to B. J. Groves, Portland, Oreg. Building blocks. 1,574,191; Feb. 23.

Grünfeld, Alfred, Vienna, Austria. Apparatus for viewing cinematographic film bands. 1,573,825; Feb. 23.

Guest, Ward E., assignor to Ward Manufacturing Company, Chicago, Ill. Method and means for winding. 1,573,933; Feb. 23.

Gulberson Corporation, The. (See Crickmer, Charles S., assignor.)

Gutterman, Sol, Brooklyn, N. Y. Display pad for barrettes and the like. 1,574,192; Feb. 23.

Guyer, Joseph A., assignor of one-half to H. F. Anderson, Marion, Ind. Thermostatic regulator. 1,574,479; Feb. 23.

Haarnagell, Georges, Paris, France. Vehicle-door window. 1,574,387; Feb. 23.

Haas, Philip, Dayton, Ohio. Frostproof closet valve. 1,573,934. Feb. 23.

Hackman, Henry E., Fort Wayne, Ind. Sliding door. 1,574,347; Feb. 23.

Hackman, Otto E., Fort Wayne, Ind. Polish-applying device. 1,574,626; Feb. 23.

Hadley, Charles R., Company. (See Hadley, Charles R., assignor.)

Hadley, Charles R., deceased, by F. D. Barnhill and Pacific Southwest Trust & Savings Bank, executors, Los Angeles, Calif., assignors to Charles R. Hadley Company. Tray binder. 1,573,935; Feb. 23.

Hageman, Aaron M., Bloomfield, N. J., assignor to Westinghouse Lamp Company. Attaching labels to aluminum ware. 1,573,826; Feb. 23.

Hager, George C., Danbury, Conn. Door hasp and catch. 1,574,348; Feb. 23.

Haggart, John C., jr., Alma, assignor, by mesne assignments, to Detroit Patents Holding Company, Detroit, Mich. Two-range transmission mechanism. 1,574,082; Feb. 23.

Hagmaier, William G., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rift splitter. 1,574,423; Feb. 23.

Hähnle, Walter, Stuttgart-Degerloch, assignor to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Magneto electric ignition machine. 1,574,646; Feb. 23.

Hähnle, Walter, and A. Kazenmaier, Stuttgart, assignors to Robert Bosch Aktiengesellschaft, Stuttgart, Germany. Dynamo machine. 1,574,647; Feb. 23.

Haines, John W., Chanute, Kans. Attachment for plows. 1,574,627; Feb. 23.

Halda, Joseph, Purcell, Kans. Road-grader attachment. 1,574,628; Feb. 23.

Hale, Jackson T., Fulton County, Ga., assignor of one-third to C. L. Hardwick, Cleveland, Tenn. Internal-combustion engine. 1,574,573; Feb. 23.

Hale, Jackson T., Fulton County, Ga., assignor of one-third to C. L. Hardwick, Cleveland, Tenn. Internal-combustion engine. 1,574,574; Feb. 23.

Hall, John L., Schenectady, N. Y., assignor to General Electric Company. Signal system. 1,574,648; Feb. 23.

Hallwell Electric Co. (See Jancke, Benno F., assignor.)

Hamann, Kurt W. E., Trumbull, Conn. Vapor condenser for automobile radiators. 1,574,629; Feb. 23.

Hamilton, De Forest, et al. (See Dickerson, Glenn H., assignor.)

Hamilton, Harry A., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Display receptacle. 1,574,083; Feb. 23.

Hamilton, Harry A., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Display receptacle for a belt slide with an attached chain. 1,574,084; Feb. 23.

Hamilton, Hubert L., Lowman, Ark. Pill tile. 1,573,827; Feb. 23.

Hamilton, James L., Red Bluff, Calif. Stiffening and protecting device for rugs. 1,573,828; Feb. 23.

Hamilton, Lew W., Indianapolis, Ind. Calendar. 1,574,245; Feb. 23.

Hamlin, Curtis F. (See Frazier, R. T., Boddy, and Hamlin.)

Hammer-Bray Company. (See Gardner, Joseph B., assignor.)

Hammer, Charles, Hollis Court Boulevard, Queens County, N. Y. Metal cap. 1,574,085; Feb. 23.

Hammer, Gerhart, and H. K. Berseth, Colfax, Wis. Statuette. Des. 69,512; Feb. 23.

Handoll, Percy G., Lewisham, London, England. Percussive tool for scaling boiler surfaces. 1,574,190; Feb. 23.

Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Double-drum hoist. 1,574,086; Feb. 23.

Hansen, Oswald H., assignor to Gilson Manufacturing Company, Port Washington, Wis. Chair spring. 1,574,087; Feb. 23.

Hansen, Oswald H., assignor to Gilson Manufacturing Company, Port Washington, Wis. Chair. 1,574,088; Feb. 23.

Hapgood, Clarence H., assignor to Toledo Scale Company, Toledo, Ohio. Scale. 1,574,089; Feb. 23.

Hardwick, Christopher L. (See Hale, Jackson T., assignor.)

Harmon, Inez L., Loma Linda, and S. F. Gibbs, Glendale, Calif. Syringe-holding clip. 1,574,575; Feb. 23.

Harnapp, Dinkelspiel & Co. (See Dinkelspiel, Lawrence, assignor.)

Harnett, John T., Philadelphia, Pa. Combination drain vent and water box. 1,574,480; Feb. 23.

Harris, Henry, London, England. Apparatus for refining or separating metals. 1,573,829; Feb. 23.

Harris, Henry, London, England. Refining lead. 1,573,830; Feb. 23.

Hart, Frederick A., New Britain, Conn. Washing machine. 1,574,630; Feb. 23.

Hart, Ivan, Avondale, near Auckland, New Zealand. Window opening and closing apparatus. 1,574,388; Feb. 23.

Hartford-Empire Company. (See Peller, Karl E., assignor.)

Hartford-Empire Company. (See Willetts, Paul G., assignor.)

Hartford-Fairmont Company. (See Ferngren, Enoch T., assignor.)

Hartley, Ralph V. L., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. System of carrier-wave signaling. 1,573,936; Feb. 23.

Hartman, Harry R., Scottdale, Pa. Water-purifying apparatus. 1,574,389; Feb. 23.

Haslett, Warren W., and J. Blair, Baltimore, Md. Electric paint burner. 1,574,193; Feb. 23.

Hatch, Harry A., assignor to Splitdorf Electrical Company, Newark, N. J. Condenser. 1,574,424; Feb. 23.

Hawley, Charles G., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive fire box. 1,574,029; Feb. 23.

Hayes, Anson. See Diederichs, W. J., and Hayes.)

Hayes, Charles G., assignor to Chicago Carton Company, Chicago, Ill. Box-blank cutting and scoring form and preparing the same. 1,574,030; Feb. 23.

Hecht, Fred J., Lytton, Iowa. End gate. 1,574,031; Feb. 23.

Hedrick, William R., Roanoke, Va. Demountable rim. 1,574,390; Feb. 23.

Heinle, Albert W. (See Duff, Samuel E., assignor.)

Heine, Herman E. (See Schlesinger, L., and Heine.)

Heizer, Levi L., Muscatine, Iowa. Illuminated sign. 1,574,246; Feb. 23.

Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,574,090; Feb. 23.

Hemje, John, Hildreth, Nebr. Attachment for adjusting the fenders of lister cultivators. 1,574,732; Feb. 23.

Henderson, John C., New York, N. Y., assignor to Driver-Harris Company, Harrison, N. J. Producing cast iron. 1,537,937; Feb. 23.

Henrietta, Vincent M., and B. B. Telley, San Francisco, Calif. Storage-tank emergency valve. 1,573,938; Feb. 23.

Henry, George W., jr., assignor to Soabar Company, Philadelphia, Pa. Ticketing machine. 1,574,391; Feb. 23.

Hemsley, William T., Indianapolis, Ind. Apparatus for and process of making pulley units. 1,574,481; Feb. 23.

Hentschel, Otto. (See Oheim, A. C., Syhre, and Hentschel.)

Hess-Bright Manufacturing Company, The. (See Taylor, John, assignor.)

Heser, John J., Tamora, Nebr. Corn husker. 1,574,392; Feb. 23.

Hessel, Isidor, Brooklyn, N. Y. Violin tone vibrator. 1,574,033; Feb. 23.

Hermann, William A., assignor to MacLaughlin-Sweet, Inc., Auburn, Me. Shoe shank. 1,573,939; Feb. 28.

Hernes, Soren, Chicago, Ill. Saw set. 1,574,032; Feb. 23.

Herr, Herbert T., Merion, Pa., assignor to Westingbouse Electric and Manufacturing Company. Diesel engine. 1,573,831; Feb. 23.

Hewitt, Cooper, Electric Company. (See Hewitt, Peter C., assignor.)

Hewitt, Peter C., Ringwood Manor, assignor to Cooper Hewitt Electric Company, Hoboken, N. J. Electric switch. 1,574,194; Feb. 23.
Hibler, Frank P., Hubbard, Ohio. Compass and mounting. 1,574,649; Feb. 23.
Hickok Manufacturing Company. (See Hamilton, Harry A., assignor.)
Hiers, Franklin E., Anderson, Ind. Grinder. 1,574,650; Feb. 23.
Highway Trailer Company. (See Clement, Charles G., assignor.)
Hildreth, Carson, Lincoln, Nebr. Sleeping garment. 1,574,651; Feb. 23.
Hill, David, assignor to David Hill, Limited, Burton-on-Trent, England. Heel-building and like machine. 1,574,576; Feb. 23.
Hill, David, Limited. (See Hill, David, assignor.)
Hilliard, Perley A., Wollaston, Mass. Machine for preparing chocolate for confection coatings. 1,573,832; Feb. 23.
Hirsch, Richard, Jena, Germany, assignor to The Libbey Glass Company Trust, Toledo, Ohio. Method of and device for drawing tubes. 1,574,482; Feb. 23.
Hirshstein, Joseph, Cleveland, Ohio. Insert and holder for concrete forms. 1,574,483; Feb. 23.
Hoar, Roger S. (See Lehman, W., Brewer, Hoar, Johnston, and Fykse.)
Hochriem, Gustav F., Chicago, Ill. Coin-return weighing scale. 1,573,940; Feb. 23.
Hodge, T. P. (See Lindemann, Ludolf, assignor.)
Hodgson, John L., Eggington House, near Leighton Buzzard, assignor to George Kent, Limited, London, England. Fluid meter. 1,574,577; Feb. 23.
Hoecker, Albert C., Collinsville, Ill. Combined contractor and expander for automobile tire rims. 1,573,833; Feb. 23.
Hoffman, Joseph K., Baltimore, Md. Mute. 1,574,287; Feb. 23.
Hofmann, George, assignor to R. Bard, trustee, Chicago, Ill. Lead-pencil mechanism. 1,574,393; Feb. 23.
Hogan, George F., Chicago, Ill. Envelope machine. 1,574,034; Feb. 23.
Hogg, Millicent, and J. C. De Haven, Los Angeles, Calif. Ornament for motormeters. Des. 69,513; Feb. 23.
Honmeister, Arthur E., assignor to The John Douglas Company, Cincinnati, Ohio. Drain cover. 1,574,288; Feb. 23.
Holder, Albert, Los Angeles, Calif. Sign. 1,574,652; Feb. 23.
Holeka, William F., San Francisco, Calif. Radiator-cap ornament. Des. 69,514; Feb. 23.
Hollins, Denis M., Blackburn, England, assignor to Draper Corporation, Hopedale, Mass. Automatic weft-replenishing loom. 1,573,942; Feb. 23.
Hollman, Peter L., assignor to Geo. D. Roper Corporation, Rockford, Ill. Oven construction. 1,573,941; Feb. 23.
Holm, Einer M., Detroit, Mich. Game. 1,574,653; Feb. 23.
Holme, James H., Tacoma, Wash. Automobile game. 1,574,394; Feb. 23.
Holmes, Abram G., Pittsburgh, Pa. Draining device for meter casings. 1,573,834; Feb. 23.
Holmes, Charles E., Lynn, Mass., assignor to General Electric Company. Self-locking seal nut. 1,574,578; Feb. 23.
Holorib, Incorporated. (See Loucks, J. F., and Gillett, assignors.)
Holtzman, John, assignor of one-half to M. E. Bernhardt, New York, N. Y. Toy. 1,574,035; Feb. 23.
Hompes, Henry, Lincoln, and G. L. De Long, Havelock, Nebr. Cream divider. 1,574,149; Feb. 23.
Hood, Arthur M., Indianapolis, Ind. Excavator. 1,574,247; Feb. 23.
Hood, Arthur M., Indianapolis, Ind. Slack-line excavator. 1,574,248; Feb. 23.
Hook, Russell W., Grand Rapids, Mich. Adding machine. 1,574,249; Feb. 23.
Horsey, Edgar T., Cleveland, Ohio. Device for use with headlights. 1,573,835; Feb. 23.
Horton, Joseph W., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Multiplex signaling system. 1,574,484; Feb. 23.
Horton, Oliver D., Erie, Pa. Apparatus for making carbon or lampblack. 1,574,091; Feb. 23.
Howard, Arthur C., Moss Vale, New South Wales, Australia. Power-driven cultivator. 1,574,654; Feb. 23.
Howard, Lemuel F., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. Re16,277; Feb. 23.
Howard, Lemuel F., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,574,195; Feb. 23.
Howard, Lemuel F., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,574,196; Feb. 23.
Howard, Valgene, Flint, Mich. Shoe-pedestal attachment. 1,574,092; Feb. 23.
Howdeshell, Roland M., Elsberry, Mo., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Piston for engine cylinders. Re16,273; Feb. 23.
Howe, Edwin A., Bancroft, Iowa. Vehicle jack. 1,574,395; Feb. 23.
Hoy, Charles B., Cincinnati, Ohio. Folding box. 1,574,396; Feb. 23.
Hoyes, Audley, Belle Vernon, Pa. Car coupling. 1,574,150; Feb. 23.
Hubbard, Arthur O., deceased; N. H. Hubbard, executrix, assignor to Puffer-Hubbard Manufacturing Company, Minneapolis, Minn. Wagon axle. 1,574,036; Feb. 23.
Hubbard, Nellie H., executrix. (See Hubbard, Arthur O.)
Hughes, Robert R., jr., Utica, N. Y., assignor to Union Special Machine Company, Chicago, Ill. Machine for forming concealed stitches. 1,573,836; Feb. 23.
Hunter, Harry W., assignor, by mesne assignments, to Union Trust Company of Maryland, trustee, Baltimore, Md. Gas range. 1,574,655; Feb. 23.
Hurt, Victor H., Fort Madison, Iowa. Tire core. 1,574,093; Feb. 23.
Hylard, John, St. Kilda, Victoria, Australia. Life-saving apparatus for use at sea. 1,574,485; Feb. 23.
Hynes, Lee P., assignor to Consolidated Car-Heating Company, Albany, N. Y. Door-engine control. 1,574,197; Feb. 23.
Ideal Wrapping Machines Company. (See Sergent, Walter H., assignor.)
Iler, Clyde E., Avon, N. Y. Windshield cleaner. 1,574,094; Feb. 23.
Illinois Tool Works. (See Olson, Carl G., assignor.)
Ingersoll-Rand Company. (See Bayles, Lewis C., assignor.)
Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)
Ingersoll-Rand Company. (See Slater, Fred M., assignor.)
International Concrete Industries Corporation. (See Wightman, S. H., and Long, assignors.)
International Harvester Company. (See Pearson, Charles, assignor.)
International Motor Company. (See Masury, Alfred T., assignor.)
International Motor Company. (See Midboe, Gabriel, assignor.)
Interstate Folding Box Company, The. (See Bergstein, Samuel, assignor.)
Irving, Edward J. B., Trail, British Columbia, Canada. Automobile lock. 1,574,151; Feb. 23.
Isaacs, Albert, New York, N. Y., assignor to The Beck Duplicator Company. Duplicating roll or sheet and making same. 1,573,963; Feb. 23.
Isgrig, George F., assignor of one-half to W. H. Moore, St. Louis, Mo. Ventilating device. 1,574,656; Feb. 23.
Isler, Herman R. (See Einstein, S., and Isler.)
Ivey, George F., Hickory, N. C. Lock for inkwells. 1,573,943; Feb. 23.
Jack, Robert K., Lansing, Mich. Radiator shell for automobiles. Des. 69,515; Feb. 23.
Jackson, Fleming H., et al. (See Wesson, Ernest E., assignor.)
Jackson, John G., Chatham, Ontario, Canada. Steel-trussed structure. 1,574,657; Feb. 23.
Jancke, Benno F., assignor to Halliwell Electric Co., Inc., New York, N. Y. Switch control for electric hair driers. 1,573,944; Feb. 23.
Jennings, Joseph M., Centralia, Wash. Saw guide for undercutting. 1,574,152; Feb. 23.
Johansen, Berger, Springfield, Mass. Jar-gripping lifter. 1,574,349; Feb. 23.
Johnson, Abraham H. (See Wesson, Ernest E., assignor.)
Johnson, Claes, assignor of one-half to E. G. Johnson, Springfield, Mass. Radiator cap and overflow pipe. 1,574,486; Feb. 23.
Johnson, Eric G. (See Johnson, Claes, assignor.)
Johnson, Fred D. (See Carroll, Andrew L., assignor.)
Johnson, George W. (See Crisp, Thomas F. M., assignor.)
Johnson, John A., College Springs, Iowa. Testing apparatus. 1,573,964; Feb. 23.
Johnson, John B., Elmhurst, assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical testing. 1,574,350; Feb. 23.
Johnson, Peter B., Seattle, Wash. Hydrocarbon burner. 1,573,965; Feb. 23.
Johnston, Benjamin F. (See Lehman, W., Brewer, Hoar, Johnston, and Fykse.)
Johnston, John F., assignor to The Miller Rubber Company, Akron, Ohio. Hard-rubber article and making same. 1,574,658; Feb. 23.
Johnston, Sylvanus K., Bradner, British Columbia, Canada. Folding bed. 1,574,659; Feb. 23.
Jokisch, John, Detroit, Mich. Electric generator for motor vehicles. 1,574,095; Feb. 23.
Jones, Edmund A., West Medford, Mass. Syringe. 1,574,579; Feb. 23.
Jones, Henry J., Sydney, New South Wales, Australia. Necktie. 1,574,198; Feb. 23.
Jones, John G., Marine on St. Croix, Minn. Cultivator. 1,573,966; Feb. 23.
Jones, Percival W., Providence, R. I., assignor to Bay State Optical Company, Attleboro, Mass. Construction for eyeglass parts and the like. 1,574,487; Feb. 23.
Jones, Robert F. (See McKean, J. G., and Jones.)

Jordan, Eugène, assignor to Societe l'Air Liquide (Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude), Paris, France. Separation of gaseous mixtures by liquefaction and rectification and apparatus therefor. 1,574,425; Feb. 23.
Juer, George, Hopewell, Va., assignor to Tubize Artificial Silk Company of America. Bobbin-winding machine. 1,573,837; Feb. 23.
Jurgens, Emil G., assignor to Peters Machinery Company, Chicago, Ill. Package-identification apparatus. 1,574,096; Feb. 23.
Kalman Steel Co. (See White, William E., assignor.)
Kant Clog Specialty Company. (See Casey, John J., assignor.)
Kauffman, Henry, deceased, by M. R. Kauffman, administratrix, Seattle, Wash. Joist-supporting stirrup. 1,573,967; Feb. 23.
Kauffman, Minette R., administratrix. (See Kauffman, Henry.)
Kaunagraph Company. (See Lawrence, Winthrop S., assignor.)
Kay, William M. R., Windsor, Ontario, Canada. Electric-circuit breaker. 1,574,580; Feb. 23.
Kay, William M. R., Windsor, Ontario, Canada. Electric-water heater. 1,574,581; Feb. 23.
Kazenmaier, August. (See Hähnle, W., and Kazenmaier.)
Keeler, Lewis J., assignor to American Magnesium Corporation, Niagara Falls, N. Y. Protective coating for magnesium. 1,574,289; Feb. 23.
Keeler, Lewis J., assignor to American Magnesium Corporation, Niagara Falls, N. Y. Protective coating for magnesium. 1,574,290; Feb. 23.
Keiffer, Harry F., Perrysburg, Ohio. Suction member for washing machines. 1,574,488; Feb. 23.
Keller, Joseph, and H. Künstlich, New York, N. Y. Thermostat. 1,573,838; Feb. 23.
Kelley, Frank C., Long Beach, assignor of one-half to E. W. Riggle, Los Angeles, Calif. Pump. 1,574,291; Feb. 23.
Kelley, Frank C., Long Beach, assignor of one-half to E. W. Riggle, Los Angeles, Calif. Pump. 1,574,292; Feb. 23.
Kellner, Henry F., Silver Lake, Kans. Jetty. 1,574,153; Feb. 23.
Kellogg, David R., Edgewood Borough, assignor to Peterson-Kintner Company, Pittsburgh, Pa. Compound for protecting the hands from the effects of contact with oil, grease, and dirty substances. 1,574,733; Feb. 23.
Kelly, Henry D., Kansas City, Mo. Coffeepot. 1,574,154; Feb. 23.
Kelly-Springfield Tire Company. (See Marshall, Thomas C., assignor.)
Kelly, William M., Westfield, N. J. Type. 1,574,155; Feb. 23.
Kelvinator Corporation. (See Spreen, Charles C., assignor.)
Kemper, Arlie. (See Wiser, O., and Kemper.)
Kent, George, Limited. (See Hodgson, John L., assignor.)
Kern, Carl, Berlin-Tempelhof, Germany, assignor to General Electric Company. Electric sign. 1,574,582; Feb. 23.
Kessler, Clarence A., assignor to Penrod Walnut & Veneer Company, Kansas City, Mo. Offset chuck and adjustable stay log. 1,574,037; Feb. 23.
Kew, Charles E., Chicago, Ill. Shelf and drawer support. 1,574,038; Feb. 23.
Kiesling, Werner, Berlin-Neukolln, Germany, assignor to N. V. Handelmaatschappij, "Mercator", Zandvoort, Netherlands. Manufacturing photographic glass pictures and the like with colored background. 1,574,156; Feb. 23.
Killman, Thomas A., assignor of one-half to T. G. Watkins, Nashville, Tenn. Moving-picture toy. 1,573,968; Feb. 23.
Killman, Thomas A., Nashville, Tenn. Can opener. 1,573,969; Feb. 23.
Kimber, Walter J., Ottawa, Ontario, Canada. Bricklayer's combined hammer and scutch. 1,574,660; Feb. 23.
Kirby Manufacturing Company, The. (See Otterbein, Arthur, assignor.)
Kirsch, Charles W., assignor to Kirsch Manufacturing Company, Sturgis, Mich. Metal-forming machine. 1,574,397; Feb. 23.
Kirsch Manufacturing Company. (See Kirsch, Charles W., assignor.)
Kisner, William C., Watson, W. Va. Poultry-feeding apparatus. 1,574,398; Feb. 23.
Kittel, George P., Union Hill, N. J. Melting tank or kettle. 1,574,489; Feb. 23.
Klein, Simon, Brooklyn, N. Y. Birdcage support or similar article. Des. 69,516; Feb. 23.
Klivansky, Morris. (See Brinkman, Oscar F., assignor.)
Knapp, Archer L., assignor to Packard Motor Car Company, Detroit, Mich. Des. 69,517; Feb. 23.
Knecht, Jean J., et al. (See Fonty, Henri, assignor.)
Knight, Robert C., Pinner, and H. D. Smith, Newcastle-upon-Tyne, England. Separating liquids of different specific gravities. 1,574,157; Feb. 23.
Knowles, Frederick C. S., Freeport, N. Y. Signal device for vehicles. 1,574,293; Feb. 23.
Koenig, Harry M., Milwaukee, Wis. Fountain pen. 1,574,097; Feb. 23.
Kohnle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Duplicate-tag-printing machine. 1,574,294; Feb. 23.
Kolb, Frank A., assignor of one-half to M. Dellplain, Hammond, Ill. Theftproof device for watt-hour meters. 1,574,039; Feb. 23.
Koll, Louis H., Casper, Wyo. Flytrap. 1,574,426; Feb. 23.
Komorous, Joseph, Riverside, assignor to Parisian Novelty Company, Chicago, Ill. Bank. 1,574,427; Feb. 23.
Komorous, Joseph, assignor to Parisian Novelty Co., Chicago, Ill. Booklet. 1,574,428; Feb. 23.
Kooperstein, Louis, assignor to West Disinfecting Company, New York, N. Y. Soap-dispensing apparatus. 1,573,970; Feb. 23.
Kooperstein, Louis, assignor to West Disinfecting Company, New York, N. Y. Soap-dispensing apparatus. 1,573,971; Feb. 23.
Kopprasch, Alexander H., Chicago, Ill., assignor to Electric Service Supplies Co., Philadelphia, Pa. Coil-forming machine. 1,573,972; Feb. 23.
Koroknay, Paul, Houston, Tex. Signal light for vehicles. 1,574,250; Feb. 23.
Kreisberg, Simon. (See Lutsky, B., and Kreisberg.)
Krejci, Laddie A., assignor of one-third to C. J. Norre and one-third to C. G. Rolin, Chicago, Ill. Multiple jack and switch. 1,574,158; Feb. 23.
Krey, August G. D., Wagner, S. Dak. Animal poke. 1,574,251; Feb. 23.
Kridler, Bernie C., Chicago, Ill., assignor to Campbell Wire Specialty Works, South Bend, Ind. Roofing material. 1,574,098; Feb. 23.
Kridler, Bernie C., Chicago, Ill., assignor to Campbell Wire Specialty Works, South Bend, Ind. Shingle. 1,574,099; Feb. 23.
Kuhnen, Nicholas L., Elkhart, Ind. Chair. Des. 69,518; Feb. 23.
Kumler, Carroll F. (See Kumler, Hervey R. and C. F.)
Kumler, Hervey R. and C. F., Los Angeles, Calif. Box-nailing machine. 1,574,490; Feb. 23.
Künstlich, Henry. (See Keller, J., and Künstlich.)
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,574,199; Feb. 23.
Lagergren, Gustav M. (See Coxe, W. G., and Lagergren.)
Lamontagne, Antoine, Montreal, Quebec, Canada. Turbine for organs or the like. 1,573,973; Feb. 23.
Lamson Company, The. (See Maclaren, James G., assignor.)
Landgraf, Frederick K., Crafton, assignor to Flannery Bolt Company, Pittsburgh, Pa. Force-feed lubricator. 1,574,583; Feb. 23.
Larkin, Joseph B., Palo Alto, Calif. Punch. 1,574,159; Feb. 23.
Lasher, Alfred W., Oakland, Calif. Drill. 1,574,040; Feb. 23.
Lasker, William W., Brooklyn, assignor, by mesne assignments, to Powers Accounting Machine Corporation, New York, N. Y. Accumulator reciprocator for tabulating machines. 1,573,974; Feb. 23.
Laucks, Samuel F. (See Wilkinson, William E., assignor.)
Laucks, Samuel F., and W. E. Wilkinson, York, Pa., said Wilkinson assignor to said Laucks. Safe. 1,574,295; Feb. 23.
Laurence, Reuben F., Minneapolis, Minn. Valve-operating device. 1,574,661; Feb. 23.
Lautenschlager, William F., Cincinnati, Ohio. Water heater. 1,573,975; Feb. 23.
Lawrence, Winthrop S., Brooklyn, assignor to Kaumagraph Company, New York, N. Y. Transfer-ink composition. 1,573,976; Feb. 23.
Leake, Richard C., Rochester, assignor to General Railway Signal Company, Gates, N. Y. Torque-testing device for semaphore signals. 1,574,491; Feb. 23.
Le Beau, Paula, sole legatee. (See Lea Beau, Victor.)
Le Beau, Victor, deceased, New Orleans, La.; P. Le Beau, sole legatee. Electric-light fixture. 1,574,296; Feb. 23.
Lee, Leif, Youngstown, Ohio. Pickling machine. 1,573,977; Feb. 23.
Leedom, Randolph, Clifton, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Preserving wood. 1,574,662; Feb. 23.
Leggett, William H., Zion, Ill. Fluid motor. 1,574,429; Feb. 23.
Lehman, Werner. (See Bager, S. R., W. M., and Lehman.)
Lehman, Werner, F. J. Brewer, and R. S. Hoar, South Milwaukee, and B. F. Johnston and M. L. Fykse, Milwaukee, assignors to Bucyrus Company, South Milwaukee, Wis. Dipper trip. 1,574,492; Feb. 23.
Leich Electric Co. (See Leich, Oscar M., assignor.)
Leich, Oscar M., assignor to Leich Electric Co., Genoa, Ill. Receiver mounting. 1,573,839; Feb. 23.
Lemon, John T., Columbus, Ohio. Conveying apparatus. 1,574,430; Feb. 23.
Lenn, Walter E., Waterbury, Conn. Elastic cuff link. 1,574,431; Feb. 23.
Lentz, William R. (See Oberfell, G. G., Ballard, Alden, Utsinger, and Lentz.)
Leonard, Elof R., Mountain Lakes, N. J. Sheet-metal door. 1,574,493; Feb. 23.
Leske, Emil, jr., New York, N. Y. Attachment for miter boxes. 1,574,663; Feb. 23.
Levine, Irving W., Westmount, Quebec, Canada. Electric insulating tape. 1,573,978; Feb. 23.

Lewin, Tannie, assignor of one-half to W. Lewin, St. Louis, Mo. Separation and recovery of the copper, tin, and lead content of brass or bronze secondary metals and their residues. 1,574,043; Feb. 23.
Lewin, William. (See Lewin, Tannie, assignor.)
Lewis, Alfred B., assignor to W. R. Stott, Philadelphia, Pa. Bib. 1,574,200; Feb. 23.
Lewis Invisible Stitch Machine Co. (See Moulton, Harley C., assignor.)
Libbey Glass Company Trust, The. (See Hirsch, Richard, assignor.)
Light, Carolyn M., Los Angeles, Calif., and L. Archer, Rochester, N. Y. Sifter. 1,573,979; Feb. 23.
Lilleberg, Charles L., Chicago, Ill. Electric cables. 1,574,297; Feb. 23.
Lindburg, Joseph, Bay Ridge, Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,574,298; Feb. 23.
Lindemann, Ludolf, Altona-Bahrenfeld, Germany, assignor to T. P. Hodge, Park Ridge, Ill. Preserving yeast. 1,574,494; Feb. 23.
Lindner, Wilhelm, Dresden, Germany. Filler. 1,574,584; Feb. 23.
Linehan, Edwin R., River Falls, Wis. Stool-ring cover. 1,574,160; Feb. 23.
Linnig, Charles E., Peru, Ill. Jaw for engravers' clamps. 1,574,585; Feb. 23.
Linotype and Machinery Limited. (See Goulding, Benjamin J. J., assignor.)
Lipman, Carl E. L., assignor to Lipman Refrigeration Company, Beloit, Wis. Heat-exchange apparatus. 1,574,044; Feb. 23.
Lipman Refrigeration Company. (See Lipman, Carl E. L., assignor.)
Lippincott, Fisher H. Philadelphia, Pa. Automatic drive. 1,574,299; Feb. 23.
Liptay, John M., New York, N. Y. Physician's examining table. 1,573,980; Feb. 23.
Littlejack Engineering Company, The. (See Greaves, T., Darbourne, and Warner, assignors.)
Livzey, John L., Middletown, Ohio. Shock absorber. 1,574,432; Feb. 23.
Locomotive Firebox Company. (See Hawley, Charles G., assignor.)
Logan, Charles W., Kenmore, assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y. Electric-light fixture. Des. 69,519; Feb. 23.
Logan, Charles W., Kenmore, assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y. Electric-light fixture. Des. 69,520; Feb. 23.
Logan, Charles W., Kenmore, assignor to Markel Lighting Fitments, Inc., Buffalo, N. Y. Wall plate for electric-light fixtures. Des. 69,521; Feb. 23.
Long, George R. (See Coedley, H. G., and Long.)
Long, John H., Ashtabula, Ohio. Maker for corn planters. 1,574,161; Feb. 23.
Long, Thomas A. (See Wightman, S. H., and Long.)
Long, Walter E., assignor to G. A. Reach, Philadelphia, Pa. Baseball glove. 1,574,664; Feb. 23.
Long, William B. (See Thompson, C. S., and Long.)
Look, Carrol A., Los Angeles, Calif. Beverage dispenser. 1,574,495; Feb. 23.
Loucks, James F., Cleveland, and H. Gillett, Gates Mills, assignors to Holorib, Incorporated, Cleveland, Ohio. Building construction. 1,574,586; Feb. 23.
Lougee, Norman A., Schenectady, N. Y., assignor to General Electric Company. Protective device. 1,574,587; Feb. 23.
Lovell Manufacturing Company. (See Robertson, William, assignor.)
Lovin, Frank J., Mahnomen, Minn. Blade holder. 1,574,665; Feb. 23.
Ludlow, Wm. A. (See Gemmill, James I., assignor.)
Lutsky, Bernard, and S. Kreisberg, Brooklyn, N. Y. Pressure-liquid valve. Des. 69,522; Feb. 23.
Lutsky, Bernard, and S. Kreisberg, Brooklyn, N. Y. Combined pressure-liquid valve and rinser. Des. 69,523; Feb. 23.
Lyday, John, Kansas City, Kans. Foundry truck. 1,573,840; Feb. 23.
Lynch, Edward M., Bloomfield, N. J. Amusement device. 1,574,201; Feb. 23.
Lynch, William B., Brooklyn, N. Y. Surface cleaner. 1,574,666; Feb. 23.
Lyon, John S., assignor to J. Bartholomew, Rochester, N. Y. Compact-powder holder. 1,574,399; Feb. 23.
M S Company. (See Nittel, Frederick W., assignor.)
Maanum, Dedrick A., Minneapolis, Minn. Device for removing water from cream. 1,573,981; Feb. 23.
Macadam, John, and W. Berry, Wilmington, Del. Textile belt. 1,573,982; Feb. 23.
Maeck, John J., jr., Chadron, Nebr. Chisel holder. 1,574,588; Feb. 23.
MacIaren, James G., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic-dispatch apparatus. 1,574,046; Feb. 23.
Macready, George A., Los Angeles, Calif. Method of pumping wells. 1,574,498; Feb. 23.
Mackenzie, Hugh W., Yorkshire, England. Mechanism for imparting to a support, carrier, or the like movements of a determined character. 1,574,667; Feb. 23.
MacKenzie, William J., Portland, Oreg. Concrete-pipe-bend machine. 1,574,433; Feb. 23.
MacLaughlin-Sweet, Inc. (See Hermann, William A., assignor.)
Madsenell Corporation. (See Pedersen, Arthur Z., assignor.)
Mahé, Basile F., Charenton, France. Machine for grinding balls. 1,574,668; Feb. 23.
Majestic Electric Appliance Company. (See Weir, William W., assignor.)
Maloney, Daniel. (See McIlroy, William, assignor.)
Malzacher, Walther, Traisen, Austria. Manufacturing runner bricks. 1,574,589; Feb. 23.
Manning, Benjamin D., Decorah, Iowa. Automobile bed. 1,574,434; Feb. 23.
Manning Manufacturing Company. (See Manning, Roy A., assignor.)
Manning, Roy A., assignor to Manning Manufacturing Company, Rutland, Vt. Bottle-washing machine. 1,573,842; Feb. 23.
Marchi, Umberto, Rivarolo, Ligure, Italy. Tube-rolling mill. 1,574,669; Feb. 23.
Marcus, Charles L. (See Arvoy, B. S., nee Reneaux, and Marcus.)
Marczinczek, Carl, Oakland, Calif. Making light porous walls. 1,574,252; Feb. 23.
Marek, John A., Yoakum, Tex. Plow attachment for tractors. 1,574,670; Feb. 23.
Marek, Martin L., assignor of one-sixth to G. A. Shurtleff and one-sixth to J. M. Niehaus, jr., Peoria, Ill. Combination fence tool. 1,574,671; Feb. 23.
Marilier, Charles. (See Granger, L., Marilier, and Prache.)
Markel Lighting Fitments, Inc. (See Balk, Joseph J., assignor.)
Markel Lighting Fitments, Inc. (See Logan, Charles W., assignor.)
Marks, Meyer M., Chicago, Ill. Lighting fixture. 1,573,843; Feb. 23.
Marshall, Grace W., Binghamton, N. Y. Device for use in playing duplicate whist. 1,574,202; Feb. 23.
Marshall, Thomas C., Mount Savage, assignor to Kelly-Springfield Tire Company, Cumberland, Md. Cushion tire. 1,574,499; Feb. 23.
Marte, John A., Santa Ana, Calif. Safety cap for gasoline tanks. 1,574,500; Feb. 23.
Martin, Charles R., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Valve. 1,574,435; Feb. 23.
Martin, Stanton C., Erie, Pa., assignor, by mesne assignments, to Erie City Iron Works. Pulverizer beater. 1,574,436; Feb. 23.
Martin, Stanton C., Erie, Pa., assignor, by mesne assignments, to Erie City Iron Works. Fuel-treating device. 1,574,437; Feb. 23.
Martus, Martin L., Woodbury, E. H. Becker, and J. G. Ross, Waterbury, Conn. Primary battery. 1,574,300; Feb. 23.
Marvin, Arthur F., Highland Park, Mich. Clothes-drying rack. 1,573,844; Feb. 23.
Mason, Arthur C., Hawthorne, N. J. Fabric-rubbing machine. 1,573,845; Feb. 23.
Masury, Alfred F., assignor to International Motor Company, New York, N. Y. Flexible coupling for shafting. 1,574,301; Feb. 23.
Mathes, Robert C., assignor to Western Electric Company, Incorporated, New York, N. Y. Secret signaling. 1,573,983; Feb. 23.
Matthews, Charles, jr. and W. C., Chicago, Ill. Oil-gas-making apparatus. 1,574,502; Feb. 23.
Matthews, William C. (See Matthews, Charles, jr., and W. C.)
Mattice, Royal, Bethlehem, Pa. Welding metallic structures. Re16,274; Feb. 23.
Matushak, Joseph, Garfield, N. J. Doll carriage. 1,574,402; Feb. 23.
Maxfield, Joseph P., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Radio broadcasting equipment. 1,573,984; Feb. 23.
Maynes, Hyla F., North Tonawanda, N. Y., assignor to Maynes Corporation, Dover, Del. Amusement conveyer belt. 1,574,503; Feb. 23.
Maynes Corporation. (See Maynes, Hyla F., assignor.)
McCallum, Jean. (See Utley, H. H., and McCallum.)
McCarroll-Doull, Clara, Butte, Mont. Safety harness for children. 1,574,672; Feb. 23.
McCarty, George B., Little Rock, Ark. Printing press. 1,574,673; Feb. 23.
McDaniels, Walter W., Waupun, Wis. Combined sign board and washer mechanism. 1,574,674; Feb. 23.
McDermott, Thomas S., assignor to Clark-Cutler-McDermott Co., Franklin, Mass. Making pile fabric. 1,574,496; Feb. 23.
McGraw, Martin B., Beaver Falls, Pa. Windshield. 1,574,400; Feb. 23.
McGregor, Robert R., Chicago, Ill. Front guard for automobiles. 1,574,100; Feb. 23.
McGregor, Robert R., Chicago, Ill. Front guard for automobiles. 1,574,101; Feb. 23.
McGregor, Robert R., Chicago, Ill. Radiator fender for automobiles. 1,574,102; Feb. 23.
McIlroy, William, assignor of two-fifths to D. Maloney, Springfield, Ohio. Floor, ceiling, and roof construction. 1,574,045; Feb. 23.
McKean, John G., Mount Vernon, and R. F. Jones, Glasgow, Scotland. Heat-exchange apparatus. 1,574,675; Feb. 23.

McKeon, Joseph, Independence, Mo. Egg-turning device for incubators. 1,574,401; Feb. 23.
McLaren, Alexander, Brooklyn, N. Y. Signaling apparatus. 1,574,734; Feb. 23.
McLean, Robert J., New York, N. Y., assignor to Sloan & Company. Combination tool. 1,574,497; Feb. 23.
McRee, Hillary B., Palmetto, Fla., assignor to Automatic Sales Corporation, Fort Valley, Ga. Vending machine. 1,573,841; Feb. 23.
Meredith, William, et al. (See Foster, Walter L., assignor.)
Merrick, William L., Halifax, Canada. Traffic signal. 1,574,162; Feb. 23.
Mesinger, Henry, New York, N. Y. Saddle. 1,574,504; Feb. 23.
Metropolitan Sewing Machine Corporation. (See Weis, Albert H., assignor.)
Metropolitan Sewing Machine Corporation. (See Weis, John P., assignor.)
Mettler, John C., Evanston, assignor, to Beardslee Chandelier Manufacturing Company, Chicago, Ill. Lighting fixture. Des. 69,524; Feb. 23.
Meyer, Adolph F., St. Paul, Minn. Valve structure. 1,573,985; Feb. 23.
Meyer, Adolph F., St. Paul, Minn. Spillway. 1,573,986; Feb. 23.
Meyer, Stephen E., Hayden, Ariz. Flotation machine. 1,574,403; Feb. 23.
Michael, Warren E., Buffalo, N. Y. Automatic draining device. 1,574,103; Feb. 23.
Midboe, Gabriel, Brooklyn, assignor to International Motor Company, New York, N. Y. Drive for motor vehicles. 1,574,047; Feb. 23.
Midgley, Thomas, jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Using motor fuel. 1,573,846; Feb. 23.
Mikaelson, Erik W., assignor to Treadwell Engineering Company, Easton, Pa. Pipe-cutting machine. 1,574,048; Feb. 23.
Miles, Isaac, Bonesteel, S. Dak. Wave motor. 1,573,987; Feb. 23.
Miles, James, Los Angeles, Calif. Agitating device. 1,574,104; Feb. 23.
Miller, George F., Chicago, Ill. Chalk holder. 1,574,590; Feb. 23.
Miller, Henry A., and R. H. Rhoades, assignors to Vaco Manufacturing Corporation, New York, N. Y. Vacuum fuel-feeding apparatus. 1,574,049; Feb. 23.
Miller, James A. (See Elliott, H. F., and Miller.)
Miller Rubber Company, The. (See Johnston, John F., assignor.)
Miller Rubber Company, The. (See Brucker, Ferdinand F., assignor.)
Miller Rubber Company, The. (See Brundage, James W., assignor.)
Miller Rubber Company, The. (See Morton, Harold A., assignor.)
Miller Rubber Company, The. (See Radabaugh, Eli H., assignor.)
Millers Falls Company. (See Wilder, Fred H., assignor.)
Milner, Burt S., Los Angeles, assignor to Regan Forge & Engineering Company, San Pedro, Calif. Deflector for sheave blocks. 1,573,945; Feb. 23.
Mirfield, George E., Youngstown, Ohio. Method and apparatus for threading metal articles. 1,574,631; Feb. 23.
Moller, Carl E., Jamestown, N. Y. Curtain rod. 1,574,632; Feb. 23.
Monarch Marking System Company, The. (See Kohnle, Frederick, assignor.)
Montgomery, Hugh E., Chicago, Ill. Automobile spotlight. 1,574,050; Feb. 23.
Montgomery, James W., assignor to W. J. Burnett, Thomasville, Ga. Plow. 1,573,988; Feb. 23.
Montgomery Ward & Co. (See Cooley, Asa B., assignor.)
Moody, Joseph P., Ranger, Tex. Gripping device. 1,574,404; Feb. 23.
Mooney, A. G., Limited. (See Cunningham, Christopher C., assignor.)
Moore, Alice T. (See Ball, Joseph S., assignor.)
Moore, William H. (See Isgrig, George F., assignor.)
Morehouse, Charles N. (See Elder, W. J., and Morehouse.)
Morgan, Porter S., Norwalk, Conn., assignor to Rotary Brake Company, Inc., New York, N. Y. Power brake. 1,574,253; Feb. 23.
Morgan & Wright. (See Abbott, Adrian O., jr., assignor.)
Morimura Bros. Inc. (See Tomita, Urasaburo, assignor.)
Morris, George L., Bonsall, Calif. Honey extractor. 1,574,051; Feb. 23.
Morter, Earl W., Washington Court House, Ohio. Receptacle-distributing device. 1,573,847; Feb. 23.
Morton, Harold A., assignor to The Miller Rubber Company, Akron, Ohio. Producing a rubber compound. 1,574,676; Feb. 23.
Moses, Mrs. Sarah. (See Bowles, William M., assignor.)
Moulton, Harley C., Medford, Mass., assignor, by mesne assignments, to Lewis Invisible Stitch Machine Co. Garment and like article of manufacture. 1,574,405; Feb. 23.
Muck, John., Milwaukee, Wis. Machine for making ice-cream cones. 1,573,989; Feb. 23.
Mueller, Adolph, trustee. (See Mueller, Philip, assignor.)
Mueller, Leonard J., Detroit, Mich. Toy. 1,573,990; Feb. 23.
Mueller, Philip, assignor to A. Mueller, trustee, Decatur, Ill. Slip-joint coupling. 1,574,052; Feb. 23.
Mulder, Jakob, and D. C. Endert, Rotterdam, Netherlands. Ejector for the delivery of gas and air in large quantities. 1,574,677; Feb. 23.
Munning, A. P., & Co. (See Zucker, Henry L., assignor.)
Munroe, Treadway B., Forest Glen, Md. Treating bagasse for fiber-making purposes. 1,574,254; Feb. 23.
Murphy, Paul B., Nyack, assignor to Western Electric Company, Incorporated, New York, N. Y. Signaling system. 1,573,991; Feb. 23.
Murray, Alexander. (See Beebe, M. C., and Murray.)
Murray, Thomas B., Glasgow, Scotland. Gudgeon-pin mounting for pistons. 1,573,848; Feb. 23.
Myover, Elijah G., Independence, Kans. Printing-press attachment. 1,574,633; Feb. 23.
Myslinski, Stanley H., Brooklyn, N. Y. Trundle and hoop. 1,574,255; Feb. 23.
Mystic Mirror Inc. (See Gerard, Victor, assignor.)
N. V. Handelmaatschappij, "Mercator". (See Kiesling, Werner, assignor.)
Naamlooze Vennootschap Financieele Maatschappij "Driebergen." (See Groenebaum, Wilhelm, assignor.)
Nablo, Ephraim R., Fort Wayne, Ind. Hose supporter. 1,574,505; Feb. 23.
Nagot, Charles, La Plaine St.-Denis, France. Elastic suspension for bicycles. 1,573,849; Feb. 23.
Naiman, Julius M., Chicago, Ill. Logarithmic resistance circuit for mensuring combinations of different factors. 1,573,850; Feb. 23.
Nall, Harry G., Sydney, New South Wales, Australia. Apparatus for adjusting lithographic-machine damping rollers. 1,574,208; Feb. 23.
Nathan Manufacturing Company. (See Beattie, Daniel S., assignor.)
National Air Moistener Company. (See Weidenbach, Michael F., assignor.)
National Supply Company, The. (See Wright, C. S., and Schweinmer, assignors.)
Neal, Curtis C., Marmet, assignor, by mesne assignments, to Tiregage Valve Corporation, Charleston, W. Va. Pressure-gauge cap. 1,574,204; Feb. 23.
Nelson, Charles G., assignor to Zouri Drawn Metals Company, Chicago Heights, Ill. Metallic window sash. 1,574,506; Feb. 23.
Nelson, Gustaf A., New York, N. Y. Composition for cleaning stone. 1,574,406; Feb. 23.
Nelson, Gustaf A., New York, N. Y. Cleaning composition for granite, stone, etc. 1,574,407; Feb. 23.
Nesmith, Mrs. Mary E., et al. (See Nesmith, Samuel D., assignor.)
Nesmith, Samuel D., assignor of thirty per cent to A. S. Bridges, San Diego, Calif.; ten per cent to R. Welles, ten per cent to R. R. Richardson, two per cent to E. J. Callahan, Guadalajara, Mexico; five per cent to J. B. Osborn, five per cent to Mrs. K. Osborn, five per cent to J. H. Bulmer, and thirty-three per cent to Mrs. M. E. Nesmith (wife), San Diego, Calif. Electric water heater. 1,574,053; Feb. 23.
Nesmith, Samuel D., assignor of thirty per cent to A. S. Bridges, five per cent to J. B. Osborn, five per cent to Mrs. K. Osborn, five per cent to J. H. Bulmer, thirty-three per cent to Mrs. M. E. Nesmith, San Diego, Calif.; two per cent to E. J. Callahan, Guadalajara, Mexico; ten per cent to R. Welles, and ten per cent to R. R. Richardson. Electric water heater. 1,574,054; Feb. 23.
New Idea Spreader Co. (See Oppenheim, T. H., and Selhorst, assignors.)
Niagara Wall Paper Company. (See Damm, Samuel F., assignor.)
Nibler, Jake, La Grand, Oreg. Signal device. 1,574,678; Feb. 23.
Nicolson, Alexander M., assignor to Western Electric Company, Incorporated, New York, N. Y. Piezo-electric loud speaker. 1,574,302; Feb. 23.
Niehaus, John M., jr., et al. (See Marek, Martin L., assignor.)
Nilsson, Fritz A., Karlsoga, Sweden. Supporting and propelling mechanism for motor vehicles. 1,574,679; Feb. 23.
Nittel, Frederick W., Attleboro Falls, assignor to M S Company, Attleboro, Mass. Separable-link bracelet or chain. 1,574,680; Feb. 23.
Noore, Charles J., et al. (See Krejci, Laddie A., assignor.)
Norsk Hydro-Elektrisk Kvaelstofaktieselskab. (See Farup, Peder, assignor.)
Norton, Clifford, Orange, N. S. Dickinson, Glen Ridge, and R. W. Scott, Montclair, assignors to Elevator Supplies Company, Inc., Hoboken, N. J. Gate-operating mechanism for elevators. 1,574,681; Feb. 23.
Null, Ralph G., assignor to G & J Tire Company, Indianapolis, Ind. Machine for calendering and cutting sheets formed from plastic materials. 1,574,682; Feb. 23.
Nyffenegger, Hans, assignor to the firm of Aktiengesellschaft der Maschinenfabriken Escher Wyss & Cie., Zurich, Switzerland. Steam-turbine installation. 1,573,851; Feb. 23.

Oberfell, George G., A. M. Ballard, R. C. Alden, E. L. Utsinger, and W. R. Lentz, assignors to Cheatnut and Smith Corporation, Tulsa, Okla. Process and apparatus for the continuous treatment of natural-gas gasolines. 1,574,507; Feb. 23.

O'Brien, John H., assignor to Adams Equipment Company, Inc., Watertown, N. Y. Removable body for hand trucks. 1,574,501; Feb. 23.

Ogren, Carl F., Trenton, assignor to Thermoid Rubber Company, Hamilton Township, N. J. Mold. 1,574,683; Feb. 23.

Oheim, Alfred C., A. Syhre, and O. Hentachel, assignors to the Firm Emil Gerasch G. m. b. H., Leipzig, Germany. Method and apparatus for the production of prints. 1,574,163; Feb. 23.

O'Keeffe, George W., Dorchester, assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass. Thermal Electric-Circuit Controller. 1,574,508; Feb. 23.

O'Leary, William J., Montreal, Quebec, Canada. High-frequency oscillation device. 1,573,852; Feb. 23.

Oliver Chilled Plow Works. (See Altgelt, Rudolph J., assignor.)

Oliver, Edgar, Wisner, La. Riding plow. 1,574,684; Feb. 23.

Olley, Raymond H. (See Bissell, C. H., and Olley.)

Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Process and machine for dressing abrasive elements. 1,574,303; Feb. 23.

Oppenhamer, Eugene J., Fort Wayne, Ind. Self-closing container. 1,574,509; Feb. 23.

Oppenheim, Theodore H., and B. Selhorst, assignors to New Idea Spreader Co., Coldwater, Ohio. Ear conveyer for corn-husking machines. 1,574,164; Feb. 23.

Optische Anstalt C. P. Goerz Aktiengesellschaft. (See Richter, Robert, assignor.)

Oreggia, Vittorio, San Remo, Italy. Smoke pump. 1,574,408; Feb. 23.

Orrock, John W., Montreal, Quebec, Canada. Weather-proof rail stand for track scales. 1,573,853; Feb. 23.

Osborn, J. B., et al. (See Nesmith, Samuel D., assignor.)

Osborn, Mrs. Kathryn, et al. (See Nesmith, Samuel D., assignor.)

Ostermeyer, Edward O. (See Skinner, E. R., Renne, and Ostermeyer.)

Otterbein, Arthur, assignor to The Kirby Manufacturing Company, Middletown, Conn. Toy cap. 1,574,510; Feb. 23.

Overholt, Aaron B., Three Rivers, Mich. Rim-cut tire clamp. 1,574,105; Feb. 23.

Owens Bottle Company, The. (See Soubier, Leonard D., assignor.)

Pacific Southwest Trust & Savings Bank, et al., executors. (See Hadley, Charles R.)

Packard Electric Company, The. (See Bergmann, Christian N., assignor.)

Packard Motor Car Company. (See Knapp, Archer L., assignor.)

Pacorek, Lawrence, Chicago, Ill. Garbage receptacle. 1,574,685; Feb. 23.

Paloski, Joseph B., assignor to Ford Motor Company, Detroit, Mich. Gauge. 1,574,735; Feb. 23.

Paraffine Companies, The. (See Fleming, Cornelius S., assignor.)

Paramount Rubber Consolidated, Incorporated. (See Bates, Albert H., assignor.)

Paramount Rubber Consolidated, Inc. (See Roberts, Fred T., assignor.)

Parisian Novelty Company. (See Komorous, Joseph, assignor.)

Parquette, Archibald W., Watertown, Mass. Automatic air-pressure signal device. 1,573,854; Feb. 23.

Partridge, Walter, Chadwell Heath, England. Locking device for motor cars, motor cycles, and cycles for prevention of theft. 1,573,855; Feb. 23.

Patent Button Company, The. (See Purinton, Forrest G., assignor.)

Pathe Exchange, Incorporated. (See Adatte, Albert L., assignor.)

Pauker, Frances, New York, N. Y. Combined spool holder and pincushion. Des. 69,525; Feb. 23.

Pawling, George F., Philadelphia, Pa. Metal bath. 1,574,304; Feb. 23.

Pearson, Charles, assignor to International Harvester Company, Chicago, Ill. Stacker. 1,574,305; Feb. 23.

Pease, Isaac M., Cincinnati, Ohio. Truss pad. 1,573,856; Feb. 23.

Pedersen, Arthur Z., West Orange, N. J., assignor to Madsenell Corporation, New York, N. Y. Fabrication of metal sheets by electrodeposition. 1,574,055; Feb. 23.

Peebles, David D., Eureka, Calif. Milk product and making the same. 1,574,165; Feb. 23.

Peek Frean & Company Limited. (See Rondolin, Laurent, assignor.)

Peerless Pamp Company. (See Wintroath, John A., assignor.)

Peiler, Karl E., Hartford, Conn., assignor, by mesne assignments, to Hartford-Empire Company. Feeder for molten glass. 1,574,736; Feb. 23.

Pelletier, Peter, Lawrence, Mass. Filling tension device. 1,573,857; Feb. 23.

Pengilly, Lewis, Stockton, Calif. Cigar lighter. 1,573,992; Feb. 23.

Penrod Walnut & Veneer Company. (See Kessler, Clarence A., assignor.)

Perfection Stove Company. (See Chadwick, Lee S., assignor.)

Perrot, Henri, Paris, France. Vehicle wheel brake shoe. 1,574,106; Feb. 23.

Peters, Arthur W., assignor to The Surface Combustion Co., Incorporated, New York, N. Y. Method of and apparatus for mixing and proportioning gases. 1,574,107; Feb. 23.

Peters, Henry W., Boston, Mass. Ring or the like. 1,574,166; Feb. 23.

Peters Machinery Company. (See Jurgens, Emil G., assignor.

Peterson, Fredolf J., Detroit, Mich. Electric furnace. 1,574,108; Feb. 23.

Peterson-Kintner Company. (See Kellogg, David R., assignor.)

Petroleum Heat & Power Company. (See Fesler, Milton A., assignor.)

Petticore, Anthony, Sedro Woolley, Wash. Engine. 1,574,686; Feb. 23.

Pezoid, George J., Buffalo, N. Y. Filter. 1,574,409; Feb. 23.

Pflager, Harry M., assignor to Commonwealth Steel Company, St. Louis, Mo. Locomotive bed. 1,573,993; Feb. 23.

Pflager, Harry M., assignor to Commonwealth Steel Company, St. Louis, Mo. Booster motor support. 1,573,994; Feb. 23.

Philips, William E., assignor to The Stearns Conveyor Company, Cleveland, Ohio. Belt-conveyor support. 1,574,511; Feb. 23.

Phoenix Glass Company, The. (See Villaret, Gustave E., assignor.)

Pickering, Lafayette, assignor to The Columbus Dental Manufacturing Company, Columbus, Ohio. Carding device for artificial teeth. 1,573,858; Feb. 23.

Pierce, Frank M., assignor to Pierce Wrapping Machine Company, Chicago, Ill. Wrapping machine. 1,574,438; Feb. 23.

Pierce Wrapping Machine Company. (See Pierce, Frank M., assignor.)

Pigors, William O., Ferney, S. Dak. Gasoline-engine-starting device. 1,573,995; Feb. 23.

Pillsbury, Arthur C., Yosemite, Calif. Photographic-printing machine. 1,574,687; Feb. 23.

Pinel, Adrien, Rouen, France. Process and apparatus for washing artificial silk. 1,573,859; Feb. 23.

Pitney-Bowes Postage Meter Company. (See Sheldrick, George E., assignor.)

Plummer, Charles O., Geary, Okla. Gate fastener. 1,574,688; Feb. 23.

Pollinkowsky, Lipa, Antwerp, Belgium, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,574,205; Feb. 23.

Pollard, Walter S., Philadelphia, Pa. Swimming pool. 1,574,512; Feb. 23.

Pool, Elmer C., New Castle, Pa., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,574,109; Feb. 23.

Positive Lock Company, The. (See Crompton, E., and Crooks, assignors.)

Positive Lock Company, The. (See Vandervoort, Francis M., assignor.)

Powell, Claude L., Alamo, Tenn. Lubricating system for internal-combustion engines. 1,574,410; Feb. 23.

Powers Accounting Machine Corporation. (See Lasker, William W., assignor.)

Powers, Earle C., Stratford, N. J., assignor to B. F. Sturtevant Company, Boston, Mass. Drying hosiery. 1,574,056; Feb. 23.

Powers, Earle C., Stratford, N. J., assignor to B. F. Sturtevant Company, Boston, Mass. Hosiery drier. 1,574,057; Feb. 23.

Prache, Charles. (See Granger, L., Mariller, and Prache.)

Preddey, George H., San Francisco, Calif. Rotary filing device. 1,573,996; Feb. 23.

Price, Albert O., Coshocton, Ohio. Pedestal-mounted radioreproducer. Des. 69,526; Feb. 23.

Prince-Smith, William, and D. Waterhouse, Keighley, England. Flyer bearing. 1,574,689; Feb. 23.

Pringle, Wayne, Lincoln, Nebr. Pile construction. 1,574,439; Feb. 23.

Process Engineers, Inc. (See De Cew, Judson A., assignor.)

Prokop, Joseph, Newark, N. J. Defleshing-machine cylinder. 1,574,440; Feb. 23.

Puffer-Hubbard Manufacturing Company. (See Hubbard, Arthur O., assignor.)

Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Button. 1,573,860; Feb. 23.

Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Seal or tag and applying the same. 1,573,861; Feb. 23.

Putnam, Walter T., assignor to Davis & Furber Machine Company, North Andover, Mass. Tape condenser. 1,574,441; Feb. 23.

Raber, Nelson E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanizing apparatus. 1,573,862; Feb. 23.

Radabaugh, Eli H., assignor to The Miller Rubber Company, Akron, Ohio. Acid-proof container. 1,574,690; Feb. 23.

Ragsdale, William W., Mesa, Wash. Attachment for harvesters. 1,574,691; Feb. 23.

Raine, James M. (See Stogdale, Joseph S., assignor.)

Ramsey, William A., Charlotte, N. C. Garment drier. 1,574,306; Feb. 23.

Rankin, Julian, Louisa, Ky. Vehicle radiator ornament. Des. 69,527; Feb. 23.

Rappaport, Jacob A., assignor to Reliance Fireproof Door Company, Brooklyn, N. Y. Window construction and the like. 1,574,110; Feb. 23.

Rardon, Elmer B., Columbus, and H. H. Rardon, Newark, Ohio. Waterproof container for burial caskets. 1,574,111; Feb. 23.

Rardon, Henry H. (See Rardon, Elmer B. and H. H.)

Rasmussen, Aage, Milwaukee, Wis. Mechanical movement. 1,574,442; Feb. 23.

Ratliff, Douglass S., Cleveland Heights, J. M. Francis, Lakewood, and T. E. Reese, Cleveland, Ohio. Vehicle signal. 1,574,513; Feb. 23.

Raynor, John R., Greenport, N. Y. Cutting device. 1,574,740; Feb. 23.

Reach, George A. (See Long, Walter E., assignor.)

Reach, Milton B., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Golf club. 1,573,863; Feb. 23.

Reade, Albert E., Petersburg, Va. Window and sash. 1,574,167; Feb. 23.

Ream, Albert E., assignor of one-half to E. Ream and one-half to E. A. Ream, Raymer, Mo. Antiskid chain. 1,574,692; Feb. 23.

Ream, Edward A., et al. (See Ream, Albert E., assignor.)

Ream, Ella, et al. (See Ream, Albert E., assignor.)

Reck, Peter W., Bettendorf, and W. G. Vetter, Davenport, assignor to The Bettendorf Company, Bettendorf, Iowa. Hammer. 1,574,693; Feb. 23.

Redington, John C., assignor to Du-Plex Envelope Corporation, Quincy, Ill. Duplex mailing envelope. 1,574,058; Feb. 23.

Redner, Frank A., Menominee, Mich. Toy block and producing the same. 1,574,257; Feb. 23.

Reed, Frank E., Glenwood, Minn. Insect-destroying machine. 1,573,997; Feb. 23.

Rees Blow Pipe Manufacturing Company. (See Rees, Claude, assignor.)

Rees, Claude, assignor to Rees Blow Pipe Manufacturing Company, San Francisco, Calif. Charger. 1,574,168; Feb. 23.

Reese, Thomas E. (See Ratliff, D. S., Francis, and Reese.)

Reeves, Orwell C., assignor to Toledo Scale Company, Toledo, Ohio. Scale casing. Des. 69,528; Feb. 23.

Reeves, Orwell C., assignor to Toledo Scale Company, Toledo, Ohio. Frame. 1,574,112; Feb. 23.

Regan Forge & Engineering Company. (See Minor, Burt S., assignor.)

Reichel, Henry, et al. (See Dickerson, Glenn H., assignor.)

Reichmann, Frank J., Chicago, Ill. Loud speaker. 1,574,514; Feb. 23.

Reid, James C., jr., assignor to J. C. Reid, sr., Cleveland, and W. C. Taylor, East Cleveland, Ohio. Toe-plate setter. 1,574,443; Feb. 23.

Reid, James C., sr., et al. (See Reid, James C., jr., assignor.)

Reiner, Robert, Incorporated. (See Zahn, Hans, assignor.)

Reliance Die & Stamping Company. (See Webster, Bester R., assignor.)

Reliance Fireproof Door Company. (See Rappaport, Jacob A., assignor.)

Remington-Noiseless Typewriter Corporation. (See Going, George G., assignor.)

Renne, John H. (See Skinner, E. R., Renne, and Ostermeyer.)

Reuter-Lorenzen, Paul, Detroit, Mich. Portable combined mantel, fireplace, and hearth unit. 1,573,864; Feb. 23.

Reynolds, Charles D., Cranston, R. I., assignor to Universal Winding Company, Boston, Mass. Coil-winding machine. 1,574,059; Feb. 23.

Reynolds, Harry N., Detroit, Mich. Clean-out plug. 1,574,169; Feb. 23.

Reynolds, Nazro H., Oakland, Calif. Lip and teeth for excavating buckets. 1,574,444; Feb. 23.

Rhoades, Robert H. (See Miller, H. A., and Rhoades.)

Rhodes, Roy. (See Dameron, N., and Rhodes.)

Ribbans, Edgar S., Hampton, N. J. Stone gatherer. 1,573,998; Feb. 23.

Richards, William, Warren, Pa. Syringe. 1,574,694; Feb. 23.

Richardson, R. R., et al. (See Nesmith, Samuel D., assignor.)

Richter, Robert, assignor to Optische Anstalt C. P. Goerz Aktiengesellschaft, Berlin-Friedenau, Germany. Teleobjective. 1,573,999; Feb. 23.

Riggle, Elmer W. (See Kelley, Frank C., assignor.)

Riley, Walter A., New York, N. Y. Lamp-socket holder. 1,574,695; Feb. 23.

Ringler, William A., Philadelphia, Pa., assignor to Globe Wernicke Co., Cincinnati, Ohio. Article file. 1,574,515; Feb. 23.

Ringler, William A. (See Yeiser, H. C., and Ringler.)

Risser, Arthur I., assignor to U. S. Bottlers Machinery Co., Chicago, Ill. Bottle adapter for bottle-filling machines. 1,574,307; Feb. 23.

River Smelting and Refining Company. (See Utley, H. H., and McCallum, assignors.)

Robbins, Charles W., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for testing the elastic properties of metals. 1,573,865; Feb. 23.

Roberts, Charles A., Butte, Mont. Bed. 1,574,696; Feb. 23.

Roberts, Charles R., Ashland, Oreg. Shock absorber. 1,574,000; Feb. 23.

Roberts, Frank G. A. (See Campbell, C. W. R., and Roberts.)

Roberts, Fred T., Philadelphia, Pa., assignor to Paramount Rubber Consolidated, Inc., Tuckahoe, N. Y. Making hollow rubber articles. 1,574,060; Feb. 23.

Roberts, Fred T., Yonkers, assignor to Paramount Rubber Consolidated, Inc., Tuckahoe, N. Y. Apparatus for making hollow rubber articles. 1,574,113; Feb. 23.

Robertson, William, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 1,574,206; Feb. 23.

Robinson, James T. (See Smothers, Robert J., assignor.)

Robinson, Jonathan J., Philadelphia, Pa. Saw gauge. 1,574,445; Feb. 23.

Robinson, Thomas, New York, N. Y., assignor to Anaconda Sales Company. Method and apparatus for producing roofing elements. 1,574,446; Feb. 23.

Rogach, Joseph J., Brooklyn, N. Y. Sawing machine. 1,574,001; Feb. 23.

Rogers, James B., Chicago, Ill. Latch construction. 1,573,866; Feb. 23.

Rohdick, John, New York, N. Y. Scooter. 1,574,516; Feb. 23.

Rohdick, John, New York, N. Y. Propelling mechanism for children's vehicles. 1,574,517; Feb. 23.

Rolin, Carl G., et al. (See Krejci, Laddie A., assignor.)

Rolland, Samuel, Flint, Mich. Gas-cock shield. 1,574,002; Feb. 23.

Rondolin, Laurent, Bermondsey, assignor to Peek Frean & Company Limited, London, England. Machine for applying cream and like materials to biscuits and the like. 1,573,867; Feb. 23.

Roper, Geo. D., Corporation. (See Hollman, Peter I., assignor.)

Rosenau, Frank L., San Francisco, Calif. System for recovering used laundry materials. 1,574,170; Feb. 23.

Rosenblatt, Isidor, New York, N. Y. Chandelier or article of similar nature. Des. 69,529; Feb. 23.

Ross, Andrew J., Los Angeles, Calif. Window lock. 1,574,258; Feb. 23.

Ross, Carl L., Wilson, N. C. Tape-dispensing machine. 1,574,697; Feb. 23.

Ross, James G. (See Martus, M. L., Becker, and Ross.)

Rotary Brake Company. (See Morgan, Porter S., assignor.)

Rousselle, Augustin, Montreal, Quebec, Canada. Engine-base oil reservoir. 1,573,868; Feb. 23.

Royall, Clifford V., Richmond, Va. Blowtorch. 1,574,698; Feb. 23.

Rutenber, Edwin A., Milwaukee, Wis. Electric heating unit. 1,574,308; Feb. 23.

Ruth, Omer, Racine, Wis. Tire holder. 1,574,447; Feb. 23.

Ryan, James T., Frankfort, Ky. Windmill. 1,574,171; Feb. 23.

Ryan, James T. Frankfort, Ky. Rotary pump or the like. 1,574,172; Feb. 23.

Ryder, Henry, assignor to Wire Fibrous Products Company, New York, N. Y. Spinning machine. 1,574,003; Feb. 23.

Ryder, Henry, assignor to Wire Fibrous Products Company, New York, N. Y. Multiple-wire fibrous yarn. 1,574,004; Feb. 23.

Safety Car Heating and Lighting Company, The. (See Coffee, Bassett M., assignor.)

Sager, Sidmoor S., Buffalo, N. Y. Fruit jar. 1,574,114; Feb. 23.

Sanders, William M., Eagle Creek, Oreg. Weighing scale. 1,573,809; Feb. 23.

Sandow Tool Co., U. S. A. (See Berger, Nathan I., assignor.)

Sands, Edwin T. (See Birkin, C. W., and Sands.)

Sanford, Henry, New York, N. Y. Material receptacle. 1,573,870; Feb. 23.

Sarff, Austin O., Walker, Minn. Shell disb. 1,574,259; Feb. 23.

Sargent Engineering Corporation. (See Sargent, Sumner B., assignor.)

Sargent, Sumner B., Los Angeles, Calif., assignor to Sargent Engineering Corporation. Pump-plunger rotor. 1,574,618; Feb. 23.

Sartory, Peter, Bayswater, London, England. Steaming tube. 1,574,005; Feb. 23.

Sasgen, Michal J., and L. Simonsen, assignors to Grand Specialties Company, Chicago, Ill. Window lock. 1,574,115; Feb. 23.

Saunders, Edward W., St. Louis, Mo. Storm front for vehicles. 1,574,309; Feb. 23.

Saunders, Edward W., St. Louis, Mo. Speed-pedal-locating device for automobiles. 1,574,310; Feb. 23.

Saunders, Edward W., St. Louis, Mo. Foot accelerator for carburetors. 1,574,311; Feb. 23.

Savidge, Albert C., assignor to R. G. Thompson, trustee, Indianapolis, Ind. Shock absorber. 1,574,699; Feb. 23.
Schaefer, Frederic, Pittsburgh, Pa. Forged brake lever. 1,574,207; Feb. 23.
Schaeffer, Charles M., Allentown, Pa. Automatic pressure-operated fuel valve. 1,574,260; Feb. 23.
Schall, Josef, Berlin-Neukolln, assignor to Berlin-Karlsruher Industrie-Werke A. G., Berlin, Germany. Free-wheel hub. 1,574,173; Feb. 23.
Schaper, Harry C., assignor to The Weight-O-Graph Company, St. Louis, Mo. Scale. Des. 69,530; Feb. 23.
Schlesinger, Louis, and H. E. Heine, assignor to Bradley Washfountain Company, Milwaukee, Wis. Foot-controlled wash fountain. 1,574,700; Feb. 23.
Schmeisser, Hans, Suhl, Germany. Small arm with tubular cartridge magazine. 1,574,701; Feb. 23.
Schmidt, Henry F., Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company. Condenser. 1,573,871; Feb. 23.
Schneider, Isidor. (See Fiering, M., and Schneider.)
Schoch, Eugene P., Austin, Tex. Dehydrated lignite and producing same. 1,574,174; Feb. 23.
Schöpfer, Hermann, Graz, Styria, Austria, assignor to F. Bensa, Genova, Italy. Manufacturing improved vat dyes. 1,574,116; Feb. 23.
Schott, John T. (See Wright, S. B., and Schott.)
Schranz, Frederick G., assignor to Southwark Foundry & Machine Company, Philadelphia, Pa. Steam platen. 1,574,175; Feb. 23.
Schruth, Albert E., E., and J., Pepin, Wis. Neck yoke. 1,574,006; Feb. 23.
Schruth, Edward. (See Schruth, A. E., E., and J.)
Schruth, John. (See Schruth, A. E., E., and J.)
Schuldt, Otto F., Glendale, Calif. Brush. 1,574,519; Feb. 23.
Schumacher, John, Los Angeles, Calif. Spacer for plastic wall board. 1,574,117; Feb. 23.
Schutt, Bernhard F. J., Brooklyn, N. Y. Interlocking device for laundry machines. 1,574,702; Feb. 23.
Schwantes, Clyde M., Winfield, Kans. Sewing cabinet 1,574,007; Feb. 23.
Schwartz, Alfred, Schlachtensee, near Berlin, Germany. Portable heating device. 1,573,872; Feb. 23.
Schweitzer, William K., assignor to The Grasselli Chemical Company, Cleveland, Ohio. Preparation of insecticides. 1,574,118; Feb. 23.
Schwimmer, Fredrick J. (See Wright, C. S., and Schwimmer.)
Schwind, Frank W., assignor to Weber Showcase & Fixture Company, Los Angeles, Calif. Ice chest. 1,574,008; Feb. 23.
Scogin, Orven A., Wichita, Kans. Combination lister, cultivator, and ridge worker. 1,574,009; Feb. 23.
Scott and Williams, Inc. (See Scott, Robert W., assignor.)
Scott, Robert W., Babylon, assignor to Scott and Williams, Inc., New York, N. Y. Latch opener for knitting. 1,574,703; Feb. 23.
Scott, Rumsey W. (See Norton, C., Dickinson, and Scott.)
Seabrook, William H., jr., Savannah, Ga. Hairdressing implement. 1,574,704; Feb. 23.
Search, Charles E., Milwaukee, Wis. Process of and oven for heat treating objects. 1,573,873; Feb. 23.
Seibt, Georg, Berlin-Schoneberg, Germany. Apparatus for the reproduction of sounds. 1,573,874; Feb. 23.
Selhorst, Bernard. (See Oppenheim, T. H., and Selhorst.)
Seligmann, Arthur, Bremen, Germany. Liquefaction and separation of gases with the aid of external work. 1,574,119; Feb. 23.
Sergent, Walter H., Middletown, N. Y., assignor to Ideal Wrapping Machine Company. Caramel-wrapping machine. 1,574,120; Feb. 23.
Sergent, Walter H., Middletown, N. Y., assignor to Ideal Wrapping Machine Company. Forming mechanism. 1,574,121; Feb. 23.
Sessions, Albert L., Bristol, Conn. Wardrobe hanger. 1,574,705; Feb. 23.
Sharaf, R. M., Machine Co. (See Sharaf, Ralph M., assignor.)
Sharaf, Ralph M., New York, N. Y., assignor to R. M. Sharaf Machine Co., Boston, Mass. Shuttle-shifting means for sewing machines. 1,574,122; Feb. 23.
Sharpe, Harry, Watertown, Mass. Interlocking multiple brick. 1,574,123; Feb. 23.
Shatto, James W., Lorimor, Iowa. Road scraper. 1,574,261; Feb. 23.
Shaw, James E., Germantown, Pa. Knife sharpener. 1,573,875; Feb. 23.
Sheaffer, W. A., Pen Company. (See Davis, David L., assignor.)
Sheet Metal Specialty Company. (See Smith, Oscar T., assignor.)
Sheldrick, George E., Detroit, Mich., assignor, by mesne assignments, to Pitney-Bowes Postage Meter Company, Stamford, Conn. Mail-stamping machine. 1,574,262; Feb. 23.
Sheremeteff, Alekcei E., Osnabruck, Germany. Operating and controlling railway points, signals, barriers, and the like. 1,573,876; Feb. 23.
Sherwood, Charles F., San Francisco, Calif., assignor of one-half to L. E. Adams, Philadelphia, Pa. Process and apparatus for making gaskets. 1,574,124; Feb. 23.
Shimwell, Oliver, Gawsworth, England. Weft carrier. 1,574,125; Feb. 23.
Shopneck, Henry P., Dorchester, assignor to J. J. Daly, West Newton, Mass. Water-laid felt. 1,574,126; Feb. 23.
Shopneck, Henry P., Dorchester, assignor to J. J. Daly, West Newton, Mass. Felted box-toe stock and making the same. 1,574,208; Feb. 23.
Short, William J., Heber Springs, Ark. Automatic carburetor adjustment. 1,574,448; Feb. 23.
Shurtleff, George A., et al. (See Marek, Martin L., assignor.)
Siegel, Jacob, Philadelphia, Pa. Wearing apparel. 1,574,127; Feb. 23.
Sieger, John R., Minneapolis, Minn. Wrench. 1,574,176; Feb. 23.
Simons, George S., Plainfield, N. J. Traffic-control signal. 1,574,449; Feb. 23.
Simonsen, Louis. (See Sasgen, M. J., and Simondsen.)
Sinclair Refining Company. (See Bell, John E., assignor.)
Singer, Ettie, executrix. (See Singer, Joseph B.)
Singer, Joseph B., deceased, New York, N. Y., E. Singer, executrix. Collapsible case. 1,574,520; Feb. 23.
Skinner, Edgar R., J. H. Renne and E. O. Ostermeyer, St. Louis, Mo., assignors to Bernhart Mercantile Company. Nut-shelling machine. 1,574,450; Feb. 23.
Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Water guard for rock drills. 1,574,128; Feb. 23.
Sloan & Company. (See McLean, Robert J., assignor.)
Smith, Arthur V., and F. G. W. Dupree, Coventry, England. Collapsible top. 1,573,877; Feb. 23.
Smith, Bee B. (See Smith, Lucius A., assignor.)
Smith, Chetwood, Worcester, assignor to Stack Heater Company, Boston, Mass. Indirect water-heating apparatus. Re16,275; Feb. 23.
Smith, Edmund S. (See Smith, Joshua W., S. W., and E. S.)
Smith, Elden L., Marshfield, Oreg. Hoisting sling. 1,573,878; Feb. 23.
Smith, Hugh D. (See Knight, R. C., and Smith.)
Smith, Ira E., Stockton, Calif. Safety switch for oil-burning systems. 1,574,129; Feb. 23.
Smith, Jay M., San Francisco, Calif. Manifold and method of supplying explosive mixture to internal-explosion engines. 1,574,130; Feb. 23.
Smith, Joshua W., S. W., and E. S., Springville, Iowa. Automatic weighing machine. 1,574,706; Feb. 23.
Smith, Lee S., & Son Manufacturing Company. (See Vogt, Clarence C., assignor.)
Smith, Leonard S., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Finishing shirts. 1,574,312; Feb. 23.
Smith, Lucius A., assignor of one-half to B. B. Smith, Buffalo, N. Y. Truss pad. 1,574,451; Feb. 23.
Smith, Oscar T., Wellsburg, W. Va., assignor to Sheet Metal Specialty Company, Pittsburgh, Pa. Sheet-metal churn top. 1,574,707; Feb. 23.
Smith, Preston M., East Orange, assignor to U. S. Tool Company, Inc., Newark, N. J. Stator for variable condensers. 1,574,209; Feb. 23.
Smith, Samuel T. C., St. Louis. Making steel, iron, and other metal plates. 1,574,131; Feb. 23.
Smith, Sheldon W. (See Smith, Joshua W., S. W., and E. S.)
Smothers, Robert J., assignor to J. T. Robinson, Holyoke, Mass. Multicolor printing press. 1,574,708; Feb. 23.
Smyser, Elmer D., Fellows, Calif. Temperature regulator. 1,574,132; Feb. 23.
Snyder, Daniel E., Roseland, Nebr. Antiskid device for vehicle wheels. 1,574,177; Feb. 23.
Soabar Company. (See Henry, George W., jr., assignor.)
Societe Anonyme des Etablissements Lefaive, et al. (See Fonty, Henri, assignor.)
Société Anonyme des Etablissements Lefaive, Jean Jacques Knecht. (See Fonty, Henri, assignor.)
Societe l'Air Liquide (Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude). (See Jordan, Eugéne, assignor.)
Solenberger, Dean M., Kansas City, Mo. Piston ring. 1,574,634; Feb. 23.
Sorrells, James A., Gainesville, Ga., assignor to Draper Corporation, Hopedale, Mass. Thread cutter for looms. 1,574,635; Feb. 23.
Soubier, Leonard D., assignor to The Owens Bottle Company, Toledo, Ohio. Apparatus for delivering charges of molten glass. 1,574,709; Feb. 23.
South, Wilbert L., Ontario, Calif. Dishwashing machine. 1,574,452; Feb. 23.
Southwark Foundry & Machine Company. (See Schranz, Frederick G., assignor.)
Spalding, A. G., & Bros. (See Reach, Milton B., assignor.)
Spaulding, Horace R., San Francisco, Calif. Method and apparatus for steaming grain and the like. 1,574,210; Feb. 23.
Splitdorf Electrical Company. (See Hatch, Harry A., assignor.)
Spreen, Charles C., assignor to Kelvinator Corporation, Detroit, Mich. Cover. 1,574,710; Feb. 23.
Stack Heater Company. (See Smith, Chetwood, assignor.)
Stafford, John W., Portland, Oreg. Automobile bumper. 1,574,133; Feb. 23.
Standard Chemical Company. (See Viol, Charles H., assignor.)

Standard Oil Company. (See Gates, Leroy G., assignor.)
Standard Underground Cable Company. (See Fisher, Henry W., assignor.)
Star Seal & Closure Company, The. (See Vessy, Sidney C., assignor.)
Star Service Hanger Co. (See Coney, James D., assignor.)
Stearns Conveyor Company, The. (See Philips, William E., assignor.)
Steele, Edwin G. (See Sutton, H. M., and Steele.)
Steele, Ira E., Sioux City, Iowa. Automatic draft control. 1,574,711; Feb. 23.
Steele, Walter L. (See Sutton, H. M., and Steele.)
Stern, Charles, and D. Brown, New York, N. Y. Rheostat. 1,574,521. Feb. 23.
Stern, Julius, Brooklyn, N. Y. Match holder. 1,573,946; Feb. 23.
Sterzing, Carl, Burlington, Iowa. Coating machine. 1,574,178; Feb. 23.
Stevenson, Winfield S., Zanesville, Ohio. Butt-welding pipe. 1,574,411; Feb. 23.
Stewart, Sidney V., Corry, Pa., and E. Timbs, Los Angeles, assignors of one-half to Union Tool Company, Torrance, Calif., and one-half to Ajax Iron Works, Corry, Pa. Cathead attachment for drilling engines. 1,574,313; Feb. 23.
Still, Ernest H., and A. G. Adamson, London, England. Steam trap. 1,573,879; Feb. 23.
Stobie, John A., Malta Bend, Mo. Baling press. 1,574,263; Feb. 23.
Stogdale, Joseph S., Dunbar, Pa., assignor of one-half to J. M. Ralne, Rainelle, W. Va. Grate. 1,574,134; Feb. 23.
Stone, Elmer B., assignor to The American Hardware Corporation, New Britain, Conn. Cabinet lock. 1,574,712; Feb. 23.
Stone, Nathan M., Chicago, Ill. Receptacle. 1,574,314; Feb. 23.
Stone, Wallace E. C., Los Angeles, Calif. Gas lock. 1,574,522; Feb. 23.
Stott, William R. (See Lewis, Alfred B., assignor.)
Strang, Seeley, and J. A. Dolan, Dover Plains, N. Y. Milk cooler. 1,574,179; Feb. 23.
Strauss, Joseph B., Chicago, Ill. Automobile body. 1,574,180; Feb. 23.
Sturtevant, B. F., Company. (See Powers, Earle C., assignor.)
Suarez, Joseph M., assignor of one-tenth to S. P. Buck, Baltimore, Md. Articulated car joint. 1,574,453; Feb. 23.
Sublette, William M., Huntington Park, Calif. Coin-controlled lock. 1,574,264; Feb. 23.
Sucha, William L., Omaha, Nebr. Emergency brake. 1,573,947; Feb. 23.
Sulter, Harold R., Red Lodge, Mont. Concrete form. 1,574,636; Feb. 23.
Sullivan, Michael H., Poughkeepsie, N. Y. Piston. 1,574,135; Feb. 23.
Sulzbach, Louis, assignor to Caloric Gas Stove Works, Philadelphia, Pa. Grease absorber. 1,574,713; Feb. 23.
Surface Combustion Co., The. (See Peters, Arthur W., assignor.)
Sutton, Henry M., and W. L. and E. G. Steele, Dallas, Tex. Air baffle. 1,574,637; Feb. 23.
Sutherland, Angus, Vancouver, British Columbia, Canada. Teat cup. 1,574,265; Feb. 23.
Sweet, Henry W., assignor to Brown-Lipe Gear Company, Syracuse, N. Y. Mounting for gear-shifting levers. 1,574,315; Feb. 23.
Swingspout Measure Co. (See Allen, Scott E., assignor.)
Switzer, Elmer E., assignor to G. D., R. E., and T. T. Switzer, Beaumont, Tex. Metallic packing. 1,574,412; Feb. 23.
Switzer, George D., et al. (See Switzer, Elmer E., assignor.)
Switzer, Richard E., et al. (See Switzer, Elmer E., assignor.)
Switzer, Thomas T., et al. (See Switzer, Elmer E., assignor.)
Syhre, Alfred. (See Oheim, A. C., Syhre, and Hentschel.)
Tagliabue, Charles J., Mfg. Co. (See Wilhelm, Robert M., assignor.)
Tamanaha, Katsunaga, Toyotama-gun, Tokyo-fu, Japan. Preserving powder of konjac to be used for manufacturing paste or sizing material. 1,574,638; Feb. 23.
Tandy, Maybel E., Hanford, Calif. Piston core chill and mold. 1,574,454; Feb. 23.
Tanners Products Company. (See Gallagher, Alfred H., assignor.)
Tantz, Herbert, and F. E. Dion, assignors to American Grinder Manufacturing Company, Milwaukee, Wis. Tool grip. 1,574,130; Feb. 23.
Taylor Instrument Companies. (See Winn, Herbert J., assignor.)
Taylor, John, Bronxville, N. Y., assignor to The Hess-Bright Manufacturing Company, Philadelphia, Pa. Submerged bearing mounting. 1,574,211; Feb. 23.
Taylor, William C., et al. (See Reid, James C., jr., assignor.)
Taylor, William H., et al. (See Foster, Walter L., assignor.)
Telley, Bronson B. (See Henrietta, V. M., and Telley.)
Tennessee Furniture Corporation. (See Frazier, R. T., Boddy, and Hamlin, assignors.)
Terry, Donald M., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Producing oscillations. 1,573,948; Feb. 23.
Tetétleni, Ármin, Budapest, Hungary. Hand press. 1,573,949; Feb. 23.
Thamm, Paul, New York, N. Y., assignor, by mesne assignments, to C. B. Woodrow. Oil filler and breather. 1,574,639; Feb. 23.
Thermoid Rubber Company. (See Ogren, Carl F., assignor.)
Thoen, Lowell H., Stockton, Calif., assignor, by mesne assignments, to Caterpillar Tractor Co. Leveling mechanism for combined harvesters. 1,574,212; Feb. 23.
Thompson, Charles S., Park Ridge, and W. B. Long, Chicago, assignors to Union Special Machine Company, Chicago, Ill. Filled-bag-closing machine. 1,573,880; Feb. 23.
Thompson, Robert G., trustee. (See Savidge, Albert C., assignor.)
Timbs, Edward. (See Stewart, S. V., and Timbs.)
Tiregage Valve Corporation. (See Neal, Curtis C., assignor.)
Toledo Scale Company. (See Englen, Frederick J., assignor.)
Toledo Scale Company. (See Hapgood, Clarence H., assignor.)
Toledo Scale Company. (See Hem, Halvor O., assignor.)
Toledo Scale Company. (See Pool, Elmer C., assignor.)
Toledo Scale Company. (See Reeves, Orwell C., assignor.)
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,531; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,532; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,533; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,534; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,535; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,536; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,537; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,538; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,539; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,540; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,541; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,542; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,543; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,544; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,545; Feb. 23.
Tomita, Urasaburo, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. Des. 69,546; Feb. 23.
Tompkins, William J., Mount Vernon, N. Y. Making resilient heel lifts. 1,573,881; Feb. 23.
Torgersen, Carl, Staback, near Christiania, Norway. Automatic scale. 1,573,950; Feb. 23.
Torrington Company, The. (See Davis, C. W., and Calder, assignors.)
Tracy, Warren C., Los Angeles, Calif. Ore-classifying table. 1,574,316; Feb. 23.
Trailmobile Company, The. (See Endebrock, Robert A., assignor.)
Treadwell Engineering Company. (See Mikaelson, Erik W., assignor.)
Tress, Edward P., Bay City, Mich. Smoke trap. 1,573,951; Feb. 23.
Triana, André E. L. (See Triana, Rodrigue J. A. and A. E. L., and Escofet.)
Triana, Rodrigue J. A. and A. E. L., and J. O. Escofet, Paris, France. Motion-picture projecting cabinet. Des. 69,547; Feb. 23.
Tubize Artificial Silk Company of America. (See Juer, George, assignor.)
Tuerck Mackenzie Machine Co. (See Bullen, Clare H., assignor.)
Tuttle, Henry W., Chicago, Ill. Method of and apparatus for collecting, refining, and utilizing by-products from metals treated in retorts. 1,574,137; Feb. 23.
Tyler, Ralph G., Bradford, Pa. Golf club. 1,574,213; Feb. 23.

Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Typewriter Company. (See Lindburg, Joseph, assignor.)
Underwood Typewriter Company. (See Waldheim, John, assignor.)
Unger, Magnus, Pittsfield, Mass., assignor to General Electric Company. Stationary induction apparatus. 1,574,640; Feb. 23.
Union Special Machine Company. (See Hughes, Robert R., jr., assignor.)
Union Special Machine Company. (See Thompson, C. S., and Long, assignors.)
Union Switch & Signal Company, The. (See Howard, Lemuel F., assignor.)
Union Switch & Signal Company, The. (See Wallace, Herbert A., assignor.)
Union Tool Company, et al. (See Stewart, S. V., and Timbs, assignocs.)
Union Trust Company of Maryland, trustee. (See Hunter, Harry W., assignor.)
United Shoe Machinery Corporation. (See Bates, A., and Gouldbourn, assignors.)
U. S. Bottlers Machinery Co. (See Risser, Arthur I., assignor.)
U. S. Slicing Machine Company. (See van Berkel, Cornelis F. M., assignor.)
U. S. Tool Company Inc. (See Smith, Preston M., assignor.)
Universal Draft Gear Attachment Company. (See Camp, Percy B., assignor.)
Universal Winding Company. (See Reynolds, Charles D., assignor.)
Utley, Howard H., and J. McCallum, Florence, Colo., assignors to River Smelting and Refining Company, St. Louis, Mo. Manufacture of zinc oxide. 1,574,317; Feb. 23.
Utsinger, Edward L. (See Oberfell, G. G., Ballard, Alden, Utsinger, and Lentz.)
Vaco Manufacturing Corporation. (See Miller, H. A., and Rhoades, assignors.)
Van Berkel, Cornelis F. M., Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 1,573,952; Feb. 23.
Van Berkel, Cornelis F. M., Rotterdam, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Stacker for slicing machines. 1,573,953; Feb. 23.
Vanderbilt, R. T., Company. (See Alton, William H., assignor.)
Vandervoort, Francis M., assignor to The Positive Lock Company, Pueblo, Colo. Latch. 1,574,025; Feb. 23.
Van Houten, Henry A., New Rochelle, N. Y. Visible index. 1,574,523; Feb. 23.
V. Asten, Eduard, Eupen, Belgium. Felt for use on the drying portion of paper and pasteboard machines. 1,574,592; Feb. 23.
V. Asten, Eduard, Eupen, Belgium. Wet felt for the paper and pulp industry. 1,574,593; Feb. 23.
Vaughan, Louis K., Woodland, Calif. Almond huller and sheller. 1,574,138; Feb. 23.
Velen, Enoch, New Orleans, La. Hydrodynamic steering gear. 1,574,455; Feb. 23.
Vennes, Harald J., Montreal, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Current-wave transmission. 1,573,954; Feb. 23.
Verbonic, George. (See Yelcic, Thomas, assignor.)
Vessy, Sidney C., assignor to The Star Seal & Closure Company, Cleveland, Ohio. Method and apparatus for sealing containers. 1,573,882; Feb. 23.
Vetter, Ignatius J., New York, N. Y. Phonograph. 1,574,318; Feb. 23.
Vetter, Walter G. (See Reck, P. W., and Vetter.)
Villaret, Gustave E., Leonia, N. J., assignor to The Phoenix Glass Company, Pittsburgh, Pa. Lamp shade or similar article. Des. 69,548; Feb. 23.
Vincent, Ainsley J., Lawrence, Mass. Selecting container for pay envelopes, etc. 1,574,310; Feb. 23.
Vincent, Edward H., Detroit, Mich. Steering wheel. 1,574,320; Feb. 23.
Vincent, Frederick, Detroit, Mich. Steering wheel. 1,574,321; Feb. 23.
Vining, Merritt A., Elyria, Ohio. Dynamoelectric plant. 1,573,883; Feb. 23.
Viol, Charles H., assignor to Standard Chemical Company, Pittsburgh, Pa. Radon tube or implant. 1,574,456; Feb. 23.
Vogt, Clarence C., assignor to Lee S. Smith & Son Manufacturing Company, Pittsburgh, Pa. Dental alloy and making the same. 1,574,714; Feb. 23.
Wadsworth, Frank L. O., Pittsburgh, Pa. Spring suspension for vehicles. 1,574,139; Feb. 23.
Wadsworth, Frank L. O., Pittsburgh, Pa. Shock-absorbing suspension system. 1,574,140; Feb. 23.
Wadsworth, Frank L. O., Pittsburgh, Pa. Shock-absorbing device for vehicles. 1,574,214; Feb. 23.
Wadsworth Watch Case Company, The. (See Beebe, M. C., and Murray, assignors.)
Wadsworth Watch Case Company, The. (See Beebe, Murray C., assignor.)
Wahl Company, The. (See Wahl, John C., assignor.)
Wahl, John C., assignor to The Wahl Company, Chicago, Ill. Pen. 1,574,266; Feb. 23.
Wahl, John C., assignor to The Wahl Company, Chicago, Ill. Mechanical pencil. 1,574,457; Feb. 23.
Wahlquist, Nils A., Chicago, Ill. Necktie. 1,574,322; Feb. 23.
Waldheim, John, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,574,215; Feb. 23.
Waldheim, John, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,574,323; Feb. 23.
Waldman, Herman C., St. Louis, Mo. Fire stop for elevator doors. 1,574,216; Feb. 23.
Waldman, Herman C., St. Louis, Mo. Elevator-door-operating device. 1,574,217; Feb. 23.
Waldron, John, Corporation. (See Francke, William J., assignor.)
Waldron, Willard, Bay City, Mich. Pencil-vending machine. 1,573,955; Feb. 23.
Waldsmith, Irwin, Rocky Ford, Colo. Vending machine for liquid dispensers. 1,574,218; Feb. 23.
Walker, Clinton L., Piedmont, Calif. Crank shaft. 1,574,219; Feb. 23.
Wallace, Herbert A., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,574,220; Feb. 23.
Ward Manufacturing Company. (See Guest, Ward E., assignor.)
Warner, Chester E., Berwyn, assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Condenser. 1,574,715; Feb. 23.
Warner Hardware Specialty Company. (See Warner, Harry C., assignor.)
Warner, Harry C., assignor to Warner Hardware Specialty Company, Kansas City, Mo. Liquid-depth gauge. 1,574,267; Feb. 23.
Warner, Vincent. (See Greaves, T., Darbourne, and Warner.)
Warren, Harry E., Tracy, Minn. Tractor hitch. 1,574,716; Feb. 23.
Waterhouse, David. (See Prince-Smith, W., and Waterhouse.)
Waterloo Saddlery Company. (See Grings, Casper H., assignor.)
Watkins, Thomas G. (See Killman, Thomas A., assignor.)
Weatherell, Reginald D., London, England. Light, portable, collapsible baby car. 1,573,884; Feb. 23.
Weber Showcase & Fixture Company. (See Schwind, Frank W., assignor.)
Webster, Bester R., assignor to Reliance Die & Stamping Company, Chicago, Ill. Electrical condenser. 1,574,268; Feb. 23.
Weckbaugh, Joseph V., New York, N. Y., assignor to American Cuptor Corporation. Machine for manufacturing paper cups. 1,574,324; Feb. 23.
Weeks, Francis H., New York, N. Y. Hoisting bucket. 1,574,269; Feb. 23.
Weeks, William W., Brooklyn, N. Y., assignor to Elevator Supplies Company, Inc. Elevator-door closer and switch. 1,574,717; Feb. 23.
Weidenbach, Michael F., Minneapolis, Minn., assignor to National Air Moistener Company. Air-moistening device. 1,573,956; Feb. 23.
Weight-O-Graph Company, The. (See Schaper, Harry C., assignor.)
Weingand, Richard. (See Czapek, E., and Weingand.)
Weintraub, Sigmund, et al. (See Flering, M., and Schneider, assignors.)
Weir, William W., Alameda, assignor to Majestic Electric Appliance Company, Incorporated, San Francisco, Calif. Waffle iron. 1,574,141; Feb. 23.
Weis, Albert H., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y. Multiple-needle sewing machine. 1,574,270; Feb. 23.
Weis, John P., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y. End cap for sewing-machine horns. 1,574,524; Feb. 23.
Weisbaum, Edward J., Cincinnati, Ohio. Necktie. 1,573,885; Feb. 23.
Weiser Hardware Manufacturing Company. (See Wensel, Louis, assignor.)
Welch, John M., Houston, Tex. Device for swimming-belt construction. 1,574,221; Feb. 23.
Welles, Roger, et al. (See Nesmith, Samuel D., assignor.)
Wellman, Lester R., assignor to Friedley-Voshardt Co., Chicago, Ill. Plate for lighting fixtures. Des. 69,549; Feb. 23.
Wellman, Lester R., assignor to Friedley-Voshardt Co., Chicago, Ill. Lantern. Des. 69,550; Dec. 23.
Wendel, Ada B., Smithland, Iowa. Fruit-jar cover. 1,574,458; Feb. 23.
Wensel, Louis, assignor to Weiser Hardware Manufacturing Company, Los Angeles, Calif. Door and window bolt. 1,574,222; Feb. 23.
Wesson, Ernest E., Blair Station, assignor of one-sixth to A. H. Johnson, Blair Station, one-sixth to F. H. Jackson, and one-sixth to R. L. Gissendanner, Clairton, Pa. Check-operated radio receiving set. 1,573,886; Feb. 23.
Wesson, Henry N., Attalla, Ala. Automobile signal. 1,573,887; Feb. 23.
West Disinfecting Company. (See Kooperstein, Louis, assignor.)
West, Franklin G., Deerfield, Kans. Ladder kiddie slide. 1,573,957; Feb. 23.
West, James, Ballston Spa, N. Y. Support. 1,574,010; Feb. 23.

Westendarp, Henry O., Saugus, Mass. Rudder for steering and controlling vessels. 1,574,718; Feb. 23.
Western Electric Company. (See Casper, William L., assignor.)
Western Electric Company. (See Fletcher, Harvey, assignor.)
Western Electric Company. (See Hartley, Ralph V. L., assignor.)
Western Electric Company. (See Horton, Joseph W., assignor.)
Western Electric Company. (See Johnson, John B., assignor.)
Western Electric Company. (See Mathes, Robert C., assignor.)
Western Electric Company. (See Maxfield, Joseph P., assignor.)
Western Electric Company. (See Murphy, Paul B., assignor.)
Western Electric Company. (See Nicolson, Alexander M., assignor.)
Western Electric Company. (See Polinkowsky, Lipa, assignor.)
Western Electric Company. (See Robbins, Charles W., assignor.)
Western Electric Company. (See Terry, Donald M., assignor.)
Western Electric Company. (See Vennes, Harald J., assignor.)
Western Electric Company. (See Williams, Samuel B., jr., assignor.)
Western Union Telegraph Company, The. (See Leedom, Randolph, assignor.)
Westinghouse Electric and Manufacturing Company. (See Herr, Herbert T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schmidt, Henry F., assignor.)
Westinghouse Lamp Company. (See Hageman, Aaron M., assignor.)
Weston, William S., Columbia, S. C. Gyratory crushing machine. 1,574,142; Feb. 23.
Weymouth, Harry G., assignor to The Eaton Axle and Spring Company, Cleveland, Ohio. Bumper. 1,574,325; Feb. 23.
Whall, Richard A., Athol, Mass. Folding boat. 1,573,958; Feb. 23.
White, Clarence, San Francisco, Calif. Conveyer system. 1,574,143; Feb. 23.
White, Herbert, Hanover, Ill. Fishing reel. 1,574,719; Feb. 23.
White, Oliver C., Gardena, Calif. Eye shade. 1,574,144; Feb. 23.
White, William E., assignor to Kalman Steel Co., Chicago, Ill. Rib chair. 1,574,326; Feb. 23.
White, William E., Chicago, Ill. Bar spacer. 1,574,327; Feb. 23.
White, William E., assignor to Kalman Steel Co., Chicago, Ill. Nailing-strip anchor. 1,574,328; Feb. 23.
White, William E., Chicago, Ill. Cross bracing for structural members. 1,574,329; Feb. 23.
Wiggins, John H., Bartlesville, Okla. Floating deck for liquid-storage tanks. 1,574,011; Feb. 23.
Wiggins, John H., Bartlesville, Okla. Liquid-storage tank. 1,574,012; Feb. 23.
Wiggins, John H., Bartlesville, Okla. Floating deck for liquid-storage tanks. 1,574,013; Feb. 23.
Wightman, Sherburne H., and T. A. Long, Chicago, Ill., assignors to International Concrete Industries Corporation, Chicago, Ill. Block-shaping machine. 1,574,720; Feb. 23.
Wilcox, George, Riverside, Calif., assignor to California Canning Machinery Co. Can-arranging machine. 1,574,224; Feb. 23.
Wilcox, George L., Escalon, Calif. Capri-fig basket. 1,574,223; Feb. 23.
Wilcox, Lewis T., Peekskill, N. Y. Heat intensifier. 1,574,525; Feb. 23.
Wilcox, Raymond G., Hannibal, N. Y. Turntable. 1,574,271; Feb. 23.
Wilder, Fred H., Brattleboro, Vt., assignor to Millers Falls Company, Millers Falls, Mass. Screw jack. 1,574,331; Feb. 23.
Wilhelm, Robert M., Brooklyn, assignor to Charles J. Tagliabue Mfg. Co., New York, N. Y. Thermometer. 1,574,459; Feb. 23.
Wilke, Fred L., and W. Burns, Chicago, Ill. Vending-machine casing. Des. 69,551; Feb. 23.
Wilkinson, William E. (See Laucks, S. F., and Wilkinson.)
Wilkinson, William E., assignor to S. F. Laucks, York, Pa. Joint. 1,574,330; Feb. 23.
Willetts, Paul G., Berlin, assignor to Hartford-Empire Company, Hartford, Conn. High-temperature cement. 1,573,888; Feb. 23.
Williams, Samuel B., jr., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Carrier-wave communicating system. 1,573,959; Feb. 23.
Williamson, R., & Co. (See Caesar, Frank J., assignor.)
Williamson, Robert B., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Flow indicator. 1,574,460; Feb. 23.
Wilson, Archibald. (See Wilson, Thomas and A.)
Wilson, Maximus L., Wichita, Kans. Coaster. 1,574,225; Feb. 23.
Wilson, Thomas and A., Dongh, Ireland. Support for bobbins, cops, pirns, or the like, when unwinding thread, yarn, or the like therefrom. 1,574,721; Feb. 23.
Winn, Herbert J., assignor to Taylor Instrument Companies, Rochester, N. Y. Incubator thermometer. 1,574,413; Feb. 23.
Winning, Robert K., Wauwatosa, assignor to Clum Manufacturing Company, Milwaukee, Wis. Control-shaft mounting. 1,573,960; Feb. 23.
Wintroath, John A., Los Angeles, Calif., assignor to Peerless Pump Company. One-way coupling. 1,574,462; Feb. 23.
Wire Fibrous Products Company. (See Ryder, Henry, assignor.)
Wiser, Orion, and A. Kemper, Martinsville, Ill. Collapsible egg crate. 1,573,889; Feb. 23.
Witsberger, William, Wheeling, W. Va. Universal trailer hitch. 1,574,461; Feb. 23.
Wolf, Augustus, Chambersburg, Pa. Bran duster. 1,574,722; Feb. 23.
Wolfe, Allan S. (See Dailey, Clyde C., assignor.)
Wood Products & By Products Corporation. (See Fish, Frederick K., jr., assignor.)
Woods, Lee A., et al. (See Daugherty, Claude, assignor.)
Woodrow, C. Blair. (See Thamm, Paul, assignor.)
Woodward, Frederick W., and A. R. Buttery, Sheffield, assignors to M. A. Buttery, Walkley, Sheffield, England. Cinematograph projection apparatus. 1,573,890; Feb. 23.
Worthington Pump and Machinery Corporation. (See Allerton, Robert W., assignor.)
Wright, Clyde S., and F. J. Schwimmer, assignors to The National Supply Company, Toledo, Ohio. Bull wheel. 1,574,332; Feb. 23.
Wright, Sumner B., East Orange, N. J., and J. T. Schott, Brooklyn, N. Y., assignors to American Telephone and Telegraph Company. Gain-controlling circuits. 1,573,891; Feb. 23.
Wuchert, Friedrich, Astoria, N. Y. Automobile signal. 1,574,463; Feb. 23.
Yeiser, Henry C., Cincinnati, Ohio, and W. A. Ringler, Philadelphia, Pa., assignors to Globe Wernicke Co., Cincinnati, Ohio. Tray for machine posting. 1,574,526; Feb. 23.
Yelcic, Thomas, assignor of one-half to G. Verbonic, Republic, Pa. Railway-crossing signal. 1,574,723; Feb. 23.
Yelm, Peter G., Genoa, Nebr. Animal trap. 1,573,892; Feb. 23.
Young, John C., Pittsburgh, Pa. Hairpin. 1,574,527; Feb. 23.
Youngman, Maximilian R. (See Youngman, Otto J. and M. R.)
Youngman, Otto J. and M. R., Los Angeles, Calif. Workbench. 1,574,528; Feb. 23.
Zahn, Hans, Union, assignor to Robert Reiner, Incorporated, Weehawken, N. J. Warp beam for knittting machinese. 1,574,724; Feb. 23.
Zifferer, Lothar R., Columbia, Pa. Adjustable pipe hanger. 1,573,893; Feb. 23.
Zima, Vaclav, Horice, Czechoslovakia. Change-speed gear for motor vehicles. 1,573,894; Feb. 23.
Zouri Drawn Metals Company. (See Nelson, Charles G., assignor.)
Zucker, Henry L., Matawan, N. J., assignor to A. P. Munning & Co., New York, N. Y. Buff wheel and spacing device therefor. 1,573,961; Feb. 23.
Zwierzina, Alois J. (See Ackerman, E. L., and Zwierzina.)

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 23D DAY OF FEBRUARY, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abrasive elements, Process and machine for dressing. C. G. Olson. 1,574,303; Feb. 23.
Acid-proof container. E. H. Radabaugh. 1,574,690; Feb. 23.
Adding machine. R. W. Hook. 1,574,249; Feb. 23;
Adhesive joints and the like, Making. S. Bergstein. 1,574,018; Feb. 23.
Advertising frame. V. Gerard. Des. 69,508; Feb. 23.
Advertising medium. F. E. Armstrong. 1,573,898; Feb. 23.
Agitating device. J. Miles. 1,574,104; Feb. 23.
Air baffle. H. M. Sutton, W. L. Steele, and E. G. Steele. 1,574,637; Feb. 23.
Aircraft, Steering device for. A. Flettner. 1,574,567; Feb. 23.
Air-moistening device. M. F. Weidenbach. 1,573,956; Feb. 23.
Air-pressure gauge attachment for inflating hose. A. G. Anderson. 1,573,793; Feb. 23.
Air-pressure signal device, Automatic. A. W. Parquette. 1,573,854; Feb. 23.
Alloys, Making magnetic. V. B. Browne. 1,574,550; Feb. 23.
Amusement device. E. M. Lynch. 1,574,201; Feb. 23.
Anchor. C. A. Cunningham. 1,574,471; Feb. 23.
Animal poke. A. G. D. Krey. 1,574,251; Feb. 23.
Animal trap P. G. Yelm. 1,573,892; Feb. 23.
Antiskid chain. A. E. Ream. 1,574,692; Feb. 23.
Article of manufacture and process of making same. H. A. Endres. 1,574,380; Feb. 23.
Automatic drive. F. H. Lippincott. 1,574,299; Feb. 23.
Automobile body. J. B. Strauss. 1,574,180; Feb. 23.
Automobile bumper. J. W. Stafford. 1,574,133; Feb. 23.
Automobile lock. E. J. B. Irving. 1,574,151; Feb. 23.
Automobile radiators, Vapor condenser for. K. W. E. Hamann. 1,574,629; Feb. 23.
Automobile signal. H. N. Wesson. 1,573,887; Feb. 23.
Automobile signal. F. Wuchert. 1,574,463; Feb. 23.
Automobile spotlight. H. E. Montgomery. 1,574,050; Feb. 23.
Automobiles, Automatic safety pick-up device for. J. S. Ball. 1,573,795; Feb. 23.
Automobiles, Front guard for. R. R. McGregor. 1,574,100-1; Feb. 23.
Automobiles, Radiator fender for. R. R. McGregor. 1,574,102; Feb. 23.
Automobiles, Radiator shell for. R. K. Jack. Des. 69,515; Feb. 23.
Automobiles, Speed-pedal-locating device for. E. W. Saunders. 1,574,310; Feb. 23.
Automobiles, Towline for. L. G. Chapman. 1,574,552; Feb. 23.
Ax and blade guard therefor, Combined. J. D. Case. 1,574,232; Feb. 23.
Axle, Wagon. A. O. Hubbard. 1,574,036; Feb. 23.
Baby car, Light, portable, collapsible. R. D. Weatherell. 1,573,884; Feb. 23.
Baby rattle. B. J. Feldstein. 1,574,341; Feb. 23.
Bag-closing machine, Filled-. C. S. Thompson and W. B. Long. 1,573,880; Feb. 23.
Bagasse for fiber-making purposes, Treating. T. B. Munroe. 1,574,254; Feb. 23.
Bait, Carrier or holder for artificial. F. H. Campbell. 1,574,416; Feb. 23.
Baling press. J. A. Stobie. 1,574,263; Feb. 23.
Ball-lamp adapter. F. J. Caesar. Des. 69,489; Feb. 23.
Bank. J. Komorous. 1,574,427; Feb. 23.
Bar spacer. W. E. White. 1,574,327; Feb. 23.
Barrettes and the like, Display pad for. S. Gutterman. 1,574,192; Feb. 23.
Bassinet. A. R. Ackermann. 1,574,226; Feb. 23.
Bathtubs, Waste and overflow fixtures for. S. Gade. 1,573,820; Feb. 23.
Battery: *See*—
Primary battery.
Battery cell and handle. W. H. Duggan. 1,573,922; Feb. 23.
Bearing construction. B. M. Coffee. 1,574,470; Feb. 23.
Bearing, Flyer. W. Prince-Smith and D. Waterhouse. 1,574,689; Feb. 23.
Bearing mounting, Submerged. J. Taylor. 1,574,211; Feb. 23.
Bearings and the like, Apparatus for lubricating the axle. G. Duffing. 1,574,236; Feb. 23.
Bearings, Retainer for radial ball. C. W. Davis and J. A. Calder. 1,574,278; Feb. 23.

Bed. C. A. Roberts. 1,574,696; Feb. 23.
Bed, Automobile. B. D. Manning. 1,574,434; Feb. 23.
Bed, Folding. W. Cramer. 1,573,809; Feb. 23.
Bed, Folding. S. K. Johnston. 1,574,659; Feb. 23.
Belt, Amusement conveyer. H. F. Maynes. 1,574,508; Feb. 23.
Belt-conveyer support. W. E. Philips. 1,574,511; Feb. 23.
Belt, Textile. J. Macadam and W. Berry. 1,573,982; Feb. 23.
Beverage dispenser. C. A. Look. 1,574,495; Feb. 23.
Bib. A. B. Lewis. 1,574,200; Feb. 23.
Bicycles, Elastic suspension for. C. Nagot. 1,573,849; Feb. 23.
Birdcage support or similar article. S. Klein. Des. 69,516; Feb. 23.
Bit. P. Basmaison. 1,574,725; Feb. 23.
Blade holder. F. J. Lovin. 1,574,665; Feb. 23.
Blowtorch. C. V. Royall. 1,574,698; Feb. 23.
Board-dressing machine. G. H. Dickerson. 1,574,419; Feb. 23.
Boat, Folding. R. A. Whall. 1,573,958; Feb. 23.
Bobbin carrier for lace-braiding machines. H. Fonty. 1,574,616; Feb. 23.
Bobbins, cops, pirns, or the like when unwinding thread, yarn, or the like therefrom, Support for. T. and A. Wilson. 1,574,721; Feb. 23.
Boiler surfaces, Percussive tool for scaling. P. G. Handoll. 1,574,190; Feb. 23.
Book end. J. L. Druckleb. Des. 69,502; Feb. 23.
Booklet. J. Konorous. 1,574,428; Feb. 23.
Bottle. W. H. Braun. Des. 69,486; Feb. 23.
Bottle. F. Ciardi. Des. 69,493; Feb. 23.
Bottle-filling machines, Bottle adapter for. A. I. Risser. 1,574,307; Feb. 23.
Bottle-washing machine. R. A. Manning. 1,573,842; Feb. 23.
Box: *See*—
Cement-block-mold box. Locomotive fire box.
Cigar and cigarette box. Mail box.
Folding box.
Box-blank cutting and scoring form and preparing the same. C. G. Hayes. 1,574,030; Feb. 23.
Box closure. H. L. Fellowes. 1,574,737; Feb. 23.
Box-cover machine, Extension-. H. Blugerman. 1,573,908; Feb. 23.
Box-making machine, Paper-. S. Bergstein. 1,574,019; Feb. 23.
Bracelet or chain, Separable-link. F. W. Nittel. 1,574,680; Feb. 23.
Bracket: *See*—
Light bracket. Shade bracket.
Braiding machines, Carrier-drive head for lace-. H. Fonty. 1,574,240; Feb. 23.
Brake: *See*—
Emergency brake. Power brake.
Brake lever, Forged. F. Schaefer. 1,574,207; Feb. 23.
Brake shoe. J. A. Connelly. 1,574,555; Feb. 23.
Brake shoe, Vehicle wheel. H. Perrot. 1,574,106; Feb. 23.
Bran duster. A. Wolf. 1,574,722; Feb. 23.
Brick, Interlocking multiple. H. Sharpe. 1,574,123; Feb. 23.
Brush. O. F. Schuldt. 1,574,519; Feb. 23.
Brush, Combined shaving and tooth. H. D. Delaney. 1,574,610; Feb. 23.
Brush, Rotary. J. Adams. 1,574,530; Feb. 23.
Bucket, Hoisting. F. H. Weeks. 1,574,269; Feb. 23.
Buckets, Lip and teeth for excavating. N. H. Reynolds. 1,574,444; Feb. 23.
Buff wheel and spacing device therefor. H. L. Zucker. 1,573,961; Feb. 23.
Building blocks. R. H. Groves. 1,574,191; Feb. 23.
Building blocks, Apparatus for molding. J. A. Ferguson. 1,574,565; Feb. 23.
Building construction. J. F. Loucks. 1,574,586; Feb. 23.
Bull wheel. C. S. Wright and F. J. Schwimmer. 1,574,332; Feb. 23.
Bumper. D. L. Benton. Des. 69,478; Feb. 23.
Bumper. H. G. Weymouth. 1,574,325; Feb. 23.
Burner: *See*—
Gas burner. Oil burner.
Hydrocarbon burner. Paint burner.
Burners, Safety device for. M. A. Fesler. 1,574,728; Feb. 23.
Button. A. A. Ahlquist. 1,574,414; Feb. 23.
Button. F. G. Purinton. 1,573,860; Feb. 23.

By-products from metal treated in retorts, Method of and apparatus for collecting, refining, and utilizing. H. W. Tuttle. 1,574,137; Feb. 23.
By-products from plant substances and the like, Recovering. F. K. Fish, jr. 1,574,614; Feb. 23.
Cabinet lock. E. B. Stone. 1,574,712; Feb. 23.
Cabinet, Sewing. C. M. Schwantes. 1,574,007; Feb. 23.
Calendar. L. W. Hamilton. 1,574,245; Feb. 23.
Can. C. G. Fitzhugh. 1,574,239; Feb. 23.
Can-arranging machine. G. Wilcox. 1,574,224; Feb. 23.
Candle cup. F. J. Caesar. Des. 69,488; Feb. 23.
Can opener. T. A. Killman. 1,573,969; Feb. 23.
Capri-fig basket. G. L. Wilcox. 1,574,223; Feb. 23.
Carbon or lampblack, Apparatus for making. O. D. Horton. 1,574,091; Feb. 23.
Carburetor adjustment, Automatic. W. J. Short. 1,574,448; Feb. 23.
Carburetors, Foot accelerator for. E. W. Saunders. 1,574,311; Feb. 23.
Car coupling. A. Hoyes. 1,574,150; Feb. 23.
Car joint, Articulated. J. M. Suarez. 1,574,453; Feb. 23.
Car wheel. A. L. Carroll. 1,574,231; Feb. 23.
Cars, Uncoupling device for railway. P. B. Camp. 1,573,803; Feb. 23.
Carrier: *See*—
Weft carrier.
Cartridge magazine, Small arm with tubular. H. Schmeisser. 1,574,701; Feb. 23.
Case: *See*—
Collapsible case.
Caskets, Waterproof container for burial. E. B. and H. H. Rardon. 1,574,111; Feb. 23.
Cast iron, Producing. J. C. Henderson. 1,573,937; Feb. 23.
Cement-block-mold box. R. A. Eaton. 1,574,612; Feb. 23.
Cement blocks, Machine for forming. J. Bocchino. 1,574,597; Feb. 23.
Cement, High-temperature. P. G. Willetts. 1,573,888; Feb. 23.
Centrifugal switch. H. E. Curtiss. 1,574,370; Feb. 23.
Cesspool. W. T. Burtis. 1,574,603; Feb. 23.
Chain. C. J. Connors. 1,574,066; Feb. 23.
Chain, Antiskid. J. G. Allmon. 1,574,014; Feb. 23.
Chain construction. L. E. Fulford. 1,573,927; Feb. 23.
Chair. O. H. Hansen. 1,574,088; Feb. 23.
Chair. N. L. Kuhnen. Des. 69,518; Feb. 23.
Chair spring. O. H. Hansen. 1,574,087; Feb. 23.
Chalk holder. G. F. Miller. 1,574,590; Feb. 23.
Chandelier or article of similar nature. I. Rosenblatt. Des. 69,529; Feb. 23.
Charger. C. Rees. 1,574,168; Feb. 23.
Chisel holder. J. J. Macek, jr. 1,574,588; Feb. 23.
Chocolate for confection coatings, Machine for preparing. P. A. Hilliard. 1,573,832; Feb. 23.
Choker hook. N. Dameron and R. Rhodes. 1,574,372; Feb. 23.
Chuck and adjustable stay log, Offset. C. A. Kessler. 1,574,037; Feb. 23.
Churn top, Sheet-metal. O. T. Smith. 1,574,707; Feb. 23.
Cigar and cigarette box, Automatic. F. Dvorsky. 1,574,071; Feb. 23.
Cinematograph apparatus, Moving-lens. C. W. R. Campbell and F. G. A. Roberts. 1,573,804; Feb. 23.
Cinematograph projection apparatus. F. W. Woodward and A. R. Buttery. 1,573,890; Feb. 23.
Cinematographic film bands, Apparatus for viewing. A. Grünfeld. 1,573,825; Feb. 23.
Circuit interrupter. C. D. Ainsworth. 1,574,531; Feb. 23.
Circuits, Gain-controlling. S. B. Wright and J. T. Schott. 1,573,891; Feb. 23.
Cigar and cigarette light extinguisher. W. W. Briscoe. 1,574,599; Feb. 23.
Clamp: *See*—
Tire clamp.
Cleaner: *See*—
Sawmill-head-block cleaner. Windshield cleaner.
Surface cleaner.
Cleaning composition for granite, stone, etc. G. A. Nelson. 1,574,407; Feb. 23.
Clean-out plug. H. N. Reynolds. 1,574,160; Feb. 23.
Clock case. M. C. Fox. Des. 69,506; Feb. 23.
Clothes-drying rack. A. F. Marvin. 1,573,844; Feb. 23.
Coaster. M. L. Wilson. 1,574,225; Feb. 23.
Coating machine. C. Sterzing. 1,574,178; Feb. 23.
Coffeepot. H. D. Kelly. 1,574,154; Feb. 23.
Coil-forming machine. A. H. Kopprasch. 1,573,972; Feb. 23.
Coil-winding machine. C. D. Reynolds. 1,574,059; Feb. 23.
Coin-controlled lock. W. M. Sublette. 1,574,264; Feb. 23.
Coin-storage tray and supporting means therefor. E. J. Brandt. 1,574,229; Feb. 23.
Collapsible case. J. B. Singer. 1,574,520; Feb. 23.
Compact-powder holder. J. S. Lyon. 1,574,399; Feb. 23.
Compass and mounting. F. P. Hibler. 1,574,649; Feb. 23.
Compound for protecting the hands from the effects of contact with oil, grease, and dirty substances. D. R. Kellogg. 1,574,733; Feb. 23.
Compressor, Explosive-mixture. J. I. Gemmill. 1,574,645; Feb. 23.

Compressor, Lubricant. E. W. Davis. 1,574,279; Feb. 23.
Concrete form. H. R. Sulter. 1,574,636; Feb. 23.
Concrete forms, Insert and holder for. J. Hirshstein. 1,574,483; Feb. 23.
Concrete pipe, Apparatus for making. C. H. Bullen. 1,574,421; Feb. 23.
Concrete-pipe-bend machine. W. J. MacKenzie. 1,574,433; Feb. 23.
Condenser. H. A. Hatch. 1,574,424; Feb. 23.
Condenser. H. F. Schmidt. 1,573,871; Feb. 23.
Condenser. C. E. Warner. 1,574,715; Feb. 23.
Condenser support. R. W. Allerton. 1,573,792; Feb. 23.
Condensers, Stator for variable. P. M. Smith. 1,574,209; Feb. 23.
Container. C. F. Fiske. 1,574,566; Feb. 23.
Container, Self-closing. E. J. Oppenhamer. 1,574,509; Feb. 23.
Conveyer system. C. White. 1,574,143; Feb. 23.
Conveying apparatus. J. T. Lemon. 1,574,430; Feb. 23.
Copper, tin, and lead content of brass or bronze secondary metals and their residues, Separation and recovery of the. T. Lewin. 1,574,043; Feb. 23.
Core barrel and rotary bit. W. L. Foster. 1,574,731; Feb. 23.
Core or mandrel. F. F. Brucker. 1,574,600; Feb. 23.
Corn husker. J. J. Heser. 1,574,392; Feb. 23.
Corn-husking machines, Ear conveyer for. T. H. Oppenheim and B. Selhorst. 1,574,164; Feb. 23.
Cotton and other fibrous materials, Machine for reginning. J. C. Garner. 1,574,344; Feb. 23.
Cotton fibers, Mechanism for cleaning. J. C. Garner. 1,574,384; Feb. 23.
Coupling: *See*—
Car coupling. One-way coupling.
Flexible coupling. Slip-joint coupling.
Coupling for shafting, Flexible. A. F. Masury. 1,574,301; Feb. 23.
Cover. C. C. Spreen. 1,574,710; Feb. 23.
Crank cases and the like, Draining motor-vehicle. A. B. Cumner. 1,574,234; Feb. 23.
Crank shaft. C. L. Walker. 1,574,219; Feb. 23.
Crate, Collapsible egg. O. Wiser and A. Kemper. 1,573,889; Feb. 23.
Cream and like materials to biscuits and the like, Machine for applying. L. Rondolin. 1,573,867; Feb. 23.
Cream divider. H. Hompes and G. L. De Long. 1,574,149; Feb. 23.
Crown, Bridal. M. J. Bedack. Des. 69,477; Feb. 23.
Crown, Bridal. M. J. Bedack. Des. 69,479–80; Feb. 23.
Crushing machine, Gyratory. W. S. Weston. 1,574,142; Feb. 23.
Cuff link, Elastic. W. E. Lens. 1,574,431; Feb. 23.
Cultivator. J. G. Jones. 1,573,966; Feb. 23.
Cultivator, Power-driven. A. C. Howard. 1,574,654; Feb. 23.
Cultivators, Attachment for adjusting the fenders of lister. J. Hemje. 1,574,732; Feb. 23.
Cup: *See*—
Teat cup.
Curtain rod. C. E. Moller. 1,574,632; Feb. 23.
Cutting device. J. R. Raynor. 1,574,740; Feb. 23.
Cylinder, Defleshing-machine. J. Prokop. 1,574,440; Feb. 23.
Dental alloys and making the same. C. C. Vogt. 1,574,714; Feb. 23.
Deodorizing hair, feathers, and the like and product thereof. A. H. Gallagher. 1,574,617; Feb. 23.
Diesel engine. H. T. Herr. 1,573,831; Feb. 23.
Dipper trip. W. Lehman, F. J. Brewer, R. S. Hoar, B. F. Johnston, and M. L. Fykse. 1,574,492; Feb. 23.
Dish, Shell. A. O. Sarff. 1,574,259; Feb. 23.
Dishwashing machine. W. L. South. 1,574,452; Feb. 23.
Display device for garters. I. R. Allen. 1,574,335; Feb. 23.
Display rack. E. C. Cushing. 1,574,371; Feb. 23.
Display receptacle. H. A. Hamilton. 1,574,083; Feb. 23.
Display receptacle for a belt slide with an attached chain. H. A. Hamilton. 1,574,084; Feb. 23.
Dissolving device. E. Czapek and R. Weingand. 1,574,561; Feb. 23.
Distilling carbonaceous materials, Apparatus for. C. A. Griffiths. 1,573,824; Feb. 23.
Distilling volatile products. L. Granger, C. Marilier, and C. Prache. 1,574,622; Feb. 23.
Doily or similar article, Lace trimming for. L. Dinkelspiel. Des. 69,501; Feb. 23.
Doll carriage. J. Matushak. 1,574,402; Feb. 23.
Door and window bolt. L. Wensel. 1,574,222; Feb. 23.
Doorcheck. G. Fauser. 1,574,340; Feb. 23.
Door hasp and catch. G. C. Hager. 1,574,348; Feb. 23.
Door lock. S. Edelson. Des. 69,503; Feb. 23.
Door mounting. I. Chase. 1,574,553; Feb. 23.
Door, Sheet-metal. E. R. Leonard. 1,574,493; Feb. 23.
Door, Sliding. H. E. Hackman. 1,574,347; Feb. 23.
Draft appliance. C. Daugherty. 1,574,539; Feb. 23.
Draft control, Automatic. I. E. Steele. 1,574,711; Feb. 23.
Drag. F. Chartier. 1,574,605; Feb. 23.
Drain cover. A. E. Hohmeister. 1,574,288; Feb. 23.
Drain vent and water box, Combination. J. T. Harnett. 1,574,480; Feb. 23.
Draining device, Automatic. W. E. Michael. 1,574,103; Feb. 23.
Drawbar lock. C. G. Clement. 1,574,469; Feb. 23.

Drawing machines, Drawing carriage for. E. Entenmann. 1,574,381; Feb. 23.
Drawing press. O. S. Beyer. 1,574,465; Feb. 23.
Drier: *See*—
Hosiery drier.
Drill: *See*—
Underreamer drill.
Drill. A. W. Lasber. 1,574,040; Feb. 23.
Drill front end, Rock-. L. C. Bayles. 1,574,016; Feb. 23.
Drilling machine, Multiple-spindle continuous. E. P. Bullard, jr. 1,574,727; Feb. 23.
Drills, Water guard for rock. F. M. Slater. 1,574,128; Feb. 23.
Duplex mailing envelope. J. C. Redington. 1,574,058; Feb. 23.
Duplicating roll or sheet and making same. A. Isaacs. 1,573,963; Feb. 23.
Dust collector or filter. R. F. Feind. 1,574,422; Feb. 23.
Dyes, Manufacturing improved vat. H. Schöpfer. 1,574,116; Feb. 23.
Dyestuff intermediates. M. T. Bogert. 1,574,337; Feb. 23.
Dynamo machine. W. Hähnle and A. Kazenmaier. 1,574,647; Feb. 23.
Elastic properties of metals, Method of and apparatus for testing the. C. W. Robbins. 1,573,865; Feb. 23.
Electric cable. C. L. Lilleberg. 1,574,297; Feb. 23.
Electric-circuit breaker. W. M. R. Kay. 1,574,580; Feb. 23.
Electric-circuit controller, Thermal. G. W. O'Keeffe. 1,574,508; Feb. 23.
Electric-cord protector. S. D. Black and A. G. Decker. 1,574,020; Feb. 23.
Electric driving installation. W. Frensdorff. 1,574,242; Feb. 23.
Electric furnace. F. J. Peterson. 1,574,108; Feb. 23.
Electric heating unit. E. A. Rutenber. 1,574,308; Feb. 23.
Electric-light fixture. J. J. Balk. Des. 69,472; Feb. 23.
Electric-light fixture. J. J. Balk. Des. 69,473–4; Feb. 23.
Electric-light fixture. V. Le Beau. 1,574,296; Feb. 23.
Electric-light fixture. C. W. Logan. Des. 69,519–20; Feb. 23.
Electric light fixtures, Wall plate for. J. J. Balk. Des. 69,475; Feb. 23.
Electric-light fixtures, Wall plate for. C. W. Logan. Des. 69,521; Feb. 23.
Electric plant, Dynamo-. M. A. Vining. 1,573,883; Feb. 23.
Electric Safety Combination lock. L. Cadenel. 1,573,802; Feb. 23.
Electric switch. C. D. Ainsworth. 1,574,532–3; Feb. 23.
Electric switch. P. C. Hewitt. 1,574,194; Feb. 23.
Electric water heater. W. M. R. Kay. 1,574,581; Feb. 23.
Electrical condenser. B. R. Webster. 1,574,268; Feb. 23.
Electrical connection for transformers and the like. G. L. Chamberlain. 1,574,064; Feb. 23.
Electrical purification of gases, Apparatus for the. H. Edler. 1,574,237; Feb. 23.
Electrical testing. J. B. Johnson. 1,574,350; Feb. 23.
Electrovibrator. P. E. Béal and L. L. E. Fanet. 1,573,797; Feb. 23.
Elevator-door closer and switch. W. W. Weeks. 1,574,717; Feb. 23.
Elevator-door-operating device. H. C. Waldman. 1,574,217; Feb. 23.
Elevator doors, Fire stop for. H. C. Waldman. 1,574,216; Feb. 23.
Elevators, Gate-operating mechanism for. C. O. Norton. N. S. Dickinson, and R. W. Scott. 1,574,681; Feb. 23.
Emergency brake. W. L. Sucha. 1,573,947; Feb. 23.
Embroidery hoop. G. A. Carlson. 1,574,364; Feb. 23.
End gate. G. A. Garrett. 1,574,282; Feb. 23.
End gate. F. J. Hecht. 1,574,031; Feb. 23.
Engine: *See*—
Diesel engine. Internal-combustion engine.
Gas engine.
Engine. A. Petticore. 1,574,686; Feb. 23.
Engine control, Door-. L. P. Hynes. 1,574,197; Feb. 23.
Engine cylinders, Piston for. R. M. Howdeshell. Re16,273; Feb. 23.
Engine governor, Marine-. W. G. Coxe. 1,574,559; Feb. 23.
Engine-starting device, Gasoline-. W. O. Pigors. 1,573,995; Feb. 23.
Engine valve mechanism, Silencer for gas-. G. H. Charnock. 1,573,962; Feb. 23.
Engines, Cathead attachment for drilling. S. V. Stewart and E. Timbs. 1,574,313; Feb. 23.
Engines, Lubricating system for internal-combustion. C. L. Powell. 1,574,410; Feb. 23.
Engines, Manifold and supplying explosive mixtures to internal-combustion. J. M. Smith. 1,574,130; Feb. 23.
Envelope machine. G. F. Hogan. 1,574,034; Feb. 23.
Excavator. A. M. Hood. 1,574,247; Feb. 23.
Excavator, Slack-line. A. M. Hood. 1,574,248; Feb. 23.
Extractor: *See*—
Honey extractor.
Eyeglass parts and the like, Construction for. P. W. Jones. 1,574,487; Feb. 23.
Eye shade. O. C. White. 1,574,144; Feb. 23.
Fabric and in loom employed in the manufacture thereof. C. B. Chase. 1,573,807; Feb. 23.
Fabric, Making pile. T. S. McDermott. 1,574,496; Feb. 23.
Fabric-rubbing machine. A. C. Mason. 1,573,845; Feb. 23.
Fabrics, Method and machine for decorating. E. Cadgène and G. Dupont. 1,574,063; Feb. 23.
Faucet. J. A. Costello. 1,574,368; Feb. 23.
Felt, Water-laid. H. P. Shopneck. 1,574,126; Feb. 23.
Fence, Portable. B. Edwards. 1,573,817; Feb. 23.
Fence tool, Combination. M. L. Marek. 1,574,671; Feb. 23.
Festooning rack. J. R. Gammeter. 1,573,621; Feb. 23.
File, Article. W. A. Ringler. 1,574,515; Feb. 23.
Filing device, Rotary. G. H. Preddy. 1,573,996; Feb. 23.
Filler. W. Lindner. 1,574,584; Feb. 23.
Film guide mounting, Multiple-. A. Adatto. 1,574,591; Feb. 23.
Filter. H. S. Coe. 1,574,556; Feb. 23.
Filter. G. J. Pezold. 1,574,409; Feb. 23.
Filtering apparatus. H. S. Coe. 1,575,557; Feb. 23.
Filtering process. H. S. Coe. 1,574,558; Feb. 23.
Fishing reel. H. White. 1,574,719; Feb. 23.
Flexible coupling. W. J. Francke. 1,574,568; Feb. 23.
Floor, ceiling, and roof construction. W. McIlroy. 1,574,045; Feb. 23.
Flotation machine. S. E. Meyer. 1,574,403; Feb. 23.
Flow indicator. R. B. Williamson. 1,574,460; Feb. 23.
Fluid meter. R. C. Bradley. 1,574,338; Feb. 23.
Fluid meter. J. L. Hodgson. 1,574,577; Feb. 23.
Fluid motor. W. H. Leggett. 1,574,429; Feb. 23.
Flytrap. L. H. Koll. 1,574,420; Feb. 23.
Folding box. C. B. Hoy. 1,574,396; Feb. 23.
Forceps, Hæmostatic. J. F. Callahan. 1,574,362; Feb. 23.
Forming machine. W. Y. Farnsworth. 1,574,564; Feb. 23.
Forming mechanism. W. H. Sergent. 1,574,121; Feb. 23.
Fountain: *See*—
Printing-press ink foun- Wash fountain.
tain.
Frame: *See*—
Locomotive frame.
Frame. O. C. Reeves. 1,574,112; Feb. 23.
Fruit jar. S. S. Sager. 1,574,114; Feb. 23.
Fuel-treating device. S. C. Martin. 1,574,437; Feb. 23.
Fuel, Using motor. T. Midgley, jr. 1,573,846; Feb. 23.
Furnace: *See*—
Electric furnace. Wall furnace.
Furnace grate. A. W. Bennis. 1,574,276; Feb. 23.
Furniture, Article of. P. Demetropoulas. 1,574,070; Feb. 23.
Fuse. A. Cimoroni. 1,573,914; Feb. 23.
Game. T. R. Grove. 1,574,572; Feb. 23.
Game. E. M. Holm. 1,574,653; Feb. 23.
Game, Automobile. J. H. Holme. 1,574,394; Feb. 23.
Garbage receptacle. L. Pacorek. 1,574,685; Feb. 23.
Garment and like articles of manufacture. H. C. Moulton. 1,574,405; Feb. 23.
Garment drier. W. A. Ramsey. 1,574,306; Feb. 23.
Garment hanger. J. D. Coney. 1,574,065; Feb. 23.
Gas and air in large quantities, Ejector for the delivery of. J. Mulder and D. C. Endert. 1,574,677; Feb. 23
Gas burner. W. D. Crites. 1,574,008; Feb. 23.
Gas-cock shield. S. Rolland. 1,574,002; Feb. 23.
Gas engine, Two-cycle. R. J. Boehmer. 1,574,062; Feb. 23.
Gas lock. W. E. C. Stone. 1,574,522; Feb. 23.
Gas producers, Fuel feed for. R. Daae. 1,573,811; Feb. 23.
Gaseous mixtures by liquefaction and rectification and apparatus therefore, Separation of. E. Jordan. 1,574,425; Feb. 23.
Gases, Method of and apparatus for mixing and proportioning. A. W. Peters. 1,574,107; Feb. 23.
Gases with the aid of external work, Liquefaction and separation of. A. Seligmann. 1,574,119; Feb. 23.
Gaskets, Process and apparatus for making. C. F. Sherwood. 1,574,124; Feb. 23.
Gasolines, Process and apparatus for the continuous treatment of natural-gas. G. G. Oberfell, A. M. Ballard, R. C. Alden, E. L. Utsinger, and W. R. Lentz 1,574,567; Feb. 23.
Gate: *See*—
End gate.
Gate fastener. C. O. Plummer. 1,574,688; Feb. 23.
Gauge: *See*—
Liquid-depth gauge. Marking gauge.
Gauge. H. E. Baker. 1,574,352; Feb. 23.
Gauge. J. B. Paloski. 1,574,735; Feb. 23.
Gauge cap, Pressure-. C. C. Neal. 1,574,204; Feb. 23.
Gear-shifting levers, Mounting for. H. W. Sweet. 1,574,315; Feb. 23.
Glare screen. P. J. Andersen. 1,574,227; Feb. 23.
Glass, Apparatus for delivering charges of molten. L. S. Soubier. 1,574,709; Feb. 23.
Glass, Feeder for molten. K. E. Peller. 1,574,736; Feb. 23.
Glass, Method and apparatus for delivering molten. E. T. Ferngren. 1,574,739; Feb. 23.
Glove, Baseball. W. E. Long. 1,574,664; Feb. 23.
Golf apparatus. E. L. Barnett. 1,574,596; Feb. 23.
Golf club. M. B. Reach. 1,573,863; Feb. 23.
Golf club. R. G. Tyler. 1,574,218; Feb. 23.
Golf tee. W. A. Budrow. 1,573,911; Feb. 23.

Grader attachment, Road-. J. Halda. 1,574,628; Feb. 23.
Grate. J. S. Stogdale. 1,574,134; Feb. 23.
Grate, Chain. W. M. Duncan. 1,573,816; Feb. 23.
Grave marker. P. J. Good. 1,574,621; Feb. 23.
Grease absorber. L. Sulzbach. 1,574,713; Feb. 23.
Grinder. P. E. Hiess. 1,574,650; Feb. 23.
Grinding balls, Machine for. B. F. Mahe. 1,574,668; Feb. 23.
Gripping device. J. F. Moody. 1,574,404; Feb. 23.
Hairdressing implement. W. H. Seabrook, jr. 1,574,704; Feb. 23.
Hair driers, Switch control for electric. B. F. Jancke. 1,573,944; Feb. 23.
Hair-drying machine. E. O. Frederics. 1,574,343; Feb. 23.
Hairpin. J. C. Young. 1,574,527; Feb. 23.
Hammer. P. W. Reck and W. G. Vetter. 1,574,693; Feb. 23.
Hammer and scutch, Combined bricklayer's. W. J. Kimber. 1,574,660; Feb. 23.
Hand press. A. Tetétleni. 1,573,949; Feb. 23.
Handle. A. L. Knapp. Des. 69,517; Feb. 23.
Hanger: *See*—
Garment hanger. Wardrobe hanger.
Pipe hanger.
Harness for children, Safety. C. McCarroll-Doull. 1,574,672; Feb. 23.
Harvesters, Attachment for. W. W. Ragsdale. 1,574,691; Feb. 23.
Harvesters, Leveling mechanism for combined. L. H. Thoen. 1,574,212; Feb. 23.
Hayfork signaling device. J. H. Clift. 1,573,808; Feb. 23.
Headlamp bezel. H. H. Bassett. Des. 69,476; Feb. 23.
Headlight construction. S. Andersen. 1,574,543; Feb. 23.
Headlight lens. G. E. Corcoran. 1,574,607; Feb. 23.
Headlights, Device for use with. E. T. Horsey. 1,573,835; Feb. 23.
Headlights, Electric switch for. C. H. Bissell and R. H. Olley. 1,574,360; Feb. 23.
Heat-exchange apparatus. C. E. L. Lipman. 1,574,044; Feb. 23.
Heat-exchange apparatus. J. G. McKean and R. F. Jones. 1,574,675; Feb. 23.
Heat intensifier. L. T. Wilcox. 1,574,525; Feb. 23.
Heat treating objects, Process of and oven for. C. E. Search. 1,573,873; Feb. 23.
Heater: *See*—
Electric water heater. Water heater.
Oil heater.
Heating device, Portable. A. Schwartz. 1,573,872; Feb. 23.
Heel-building and like machine. D. Hill. 1,574,576; Feb. 23.
Heel lifts, Making resilient. W. J. Tompkins. 1,573,881; Feb. 23.
Heel of footwear. P. W. Banks and A. N. Burt. 1,574,595; Feb. 23.
High-frequency oscillation device. W. J. O'Leary. 1,573,852; Feb. 23.
High-voltage cable and method of maintenance. H. W. Fisher. 1,574,076; Feb. 23.
Hoist, Double-drum. C. C. Hansen. 1,574,086; Feb. 23.
Honey extractor. G. L. Morris. 1,574,051; Feb. 23.
Honeycombs with sweet liquid for the nourishment of bees, Filling of. M. L. Gallesio-Piuma. 1,574,256; Feb. 23.
Hook: *See*—
Choker hook.
Horse collars, Hame holder for. C. H. Grings. 1,574,478; Feb. 23.
Hose supporter. E. R. Nablo. 1,574,505; Feb. 23.
Hosiery drier. E. C. Powers. 1,574,057; Feb. 23.
Hosiery, Drying. E. C. Powers. 1,574,056; Feb. 23.
Hub, Free-wheel. J. Schall. 1,574,173; Feb. 23.
Huller and sheller, Almond. L. K. Vaughan. 1,574,138; Feb. 23.
Hydrocarbon burner. G. E. Grimmeisen. 1,574,625; Feb. 23.
Hydrocarbon burner. P. B. Johnson. 1,573,965; Feb. 23.
Ice chest. F. W. Schwind. 1,574,008; Feb. 23.
Ice-cream cones, Machine for making. J. Muck. 1,573,989; Feb. 23.
Ignition machine, Magneto-electric. W. Hähnle. 1,574,646; Feb. 23.
Incubators, Egg-turning device for. J. McKeon. 1,574,401; Feb. 23.
Index, Visible. H. A. Van Houten. 1,574,523; Feb. 23.
Indicator: *See*—
Flow indicator.
Induction apparatus, Stationary. M. Unger. 1,574,640; Feb. 23.
Ink composition, Transfer-. W. S. Lawrence. 1,573,976; Feb. 23.
Inkwell lock. G. F. Ivey. 1,573,943; Feb. 23.
Insect-destroying machine. F. E. Reed. 1,593,997; Feb. 23.
Insecticides, Preparation of. W. K. Schweitzer. 1,574,118; Feb. 23.
Insulating tape, Electric. I. W. Levine. 1,573,978; Feb. 23.
Insulation, Impregnated. G. F. Dreher. 1,574,562; Feb. 23.
Iron ore, Dry reduction of. P. Farup. 1,574,382; Feb. 23.
Internal-combustion engine. M. Goldsmith. 1,574,244; Feb. 23.
Internal-combustion engine. J. T. Hale. 1,574,573–4; Feb. 23.
Iron: *See*—
Soldering iron. Waffle iron.
Iron, Treating. W. J. Diederichs and A. Hayes. 1,574,374–7; Feb. 23.
Jack: *See*—
Lifting jack. Vehicle jack.
Jack and switch, Multiple. L. A. Krejci. 1,574,158; Feb. 23.
Jar cover, Fruit-. A. B. Wendel. 1,574,458; Feb. 23.
Jar-gripping lifter. B. Johanson. 1,574,349; Feb. 23.
Jaw for engravers' clamps. C. E. Linnig. 1,574,585; Feb. 23.
Jetty. H. F. Kellner. 1,574,153; Feb. 23.
Jewelry, Article of. G. A. Armstrong. 1,573,899; Feb. 23.
Joint: *See*—
Rail joint. Swivel joint.
Joint. W. E. Wilkinson. 1,574,330; Feb. 23.
Joist-supporting stirrup. H. Kauffman. 1,573,967; Feb. 23.
Knife attachment, Paper-hanger's. G. A. Christopherson. 1,574,641; Feb. 23.
Knitting machines, Latch opener for. R. W. Scott. 1,574,703; Feb. 23.
Knitting machines, Warp beam for. H. Zahn. 1,574,724; Feb. 23.
Labels to aluminum ware, Attaching. A. M. Hageman. 1,573,826; Feb. 23.
Lace. C. W. Birkin and E. T. Sands. Des. 69,483–4; Feb. 23.
Lamp shade. H. Firman. 1,574,613; Feb. 23.
Lamp shade or similar article. G. E. Villaret. Des. 69,548; Feb. 23.
Lamp-socket holder. W. A. Riley. 1,574,695; Feb. 23.
Lamp structure. M. B. Cary. 1,573,805; Feb. 23.
Lantern. L. R. Wellman. Des. 69,550; Feb. 23.
Latch. E. Crompton and C. L. Crooks. 1,574,024; Feb. 23.
Latch. F. M. Vandervoort. 1,574,025; Feb. 23.
Latch construction. J. B. Rogers. 1,573,866; Feb. 23.
Latch or keeper means. E. Crompton and C. L. Crooks. 1,574,023; Feb. 23.
Lath, Metal. G. F. Pawling. 1,574,304; Feb. 23.
Laundry machines, Interlocking device for. B. F. J. Schutt. 1,574,702; Feb. 23.
Laundry materials, System for recovering used. F. L. Rosenau. 1,574,170; Feb. 23.
Lead, Refining. H. Harris. 1,573,830; Feb. 23.
Leather-graining machine. J. W. Aulson. 1,574,534; Feb. 23.
Lens-drilling machines, Circuit controller for. E. E. Gray. 1,574,571; Feb. 23.
Life-saving apparatus for use at sea. J. Hylard. 1,574,485; Feb. 23.
Lifter: *See*—
Jar-gripping lifter.
Lifting jack. F. L. Gormley. 1,574,476; Feb. 23.
Light: *See*—
Vehicle light.
Light bracket. H. J. Bosworth. 1,573,799; Feb. 23.
Light-sensitive medium and producing the same. M. C. Beebe. 1,574,356; Feb. 23.
Lighter, Cigar. L. Pengilly. 1,573,992; Feb. 23.
Lighting fixture. E. A. Gillinder. Des. 69,509; Feb. 23.
Lighting fixture. M. M. Marks. 1,573,843; Feb. 23.
Lighting fixture. J. C. Mettler. Des. 69,524; Feb. 23.
Lighting-fixture canopy. F. J. Caesar. Des. 69,490–1; Feb. 23.
Lighting-fixture plate. N. J. Berger. Des. 69,481–2; Feb. 23.
Lighting fixtures, Plate for. L. R. Wellman. Des. 69,549; Feb. 23.
Lignite and producing same, Dehydrated. E. P. Schoch. 1,574,174; Feb. 23.
Liquid-depth gauge. H. C. Warner. 1,574,267; Feb. 23.
Liquid dispensers, Vending machine for. I. Waldsmith. 1,574,218; Feb. 23.
Liquid-storage tank. J. H. Wiggins. 1,574,012; Feb. 23.
Liquid-transfer means. J. A. Barr. 1,573,796; Feb. 23.
Liquids of different specific gravities, Separating. R. C. Knight and H. D. Smith. 1,574,157; Feb. 23.
Lister, cultivator, and ridge worker, Combination. O. A. Scogin. 1,574,009; Feb. 23.
Lithographic-machine damping rollers, Apparatus for adjusting. H. G. Nall. 1,574,203; Feb. 23.
Lithographic-printing surfaces, Apparatus for gumming. B. J. J. Goulding. 1,574,570; Feb. 23.
Lock: *See*—
Automobile lock. Gas lock.
Cabinet lock. Inkwell lock.
Coin-controlled lock. Nut lock.
Electric safety combination lock. Window lock.
Lock. R. A. Endebrock. 1,574,072; Feb. 23.
Locking device for motor cars, motor cycles, and cycles for prevention of theft. W. Partridge. 1,573,855; Feb. 23.
Locomotive bed. H. M. Pflager. 1,573,993; Feb. 23.

Locomotive fire box. C. G. Hawley. 1,574,029; Feb. 23.
Locomotive frame. W. O. Ashe. 1,573,900; Feb. 23.
Logarithmic resistance circuit for measuring combinations of different factors. J. M. Nalman. 1,573,850; Feb. 23.
Loom, Automatic weft-replenishing. D. M. Hollins. 1,573,942; Feb. 23.
Loom temple. G. Crompton, jr. 1,574,415; Feb. 23.
Loud speaker. F. J. Reichmann. 1,574,514; Feb. 23.
Loud speaker, Piezo-electric. A. M. Nicolson. 1,574,302; Feb. 23.
Louver. M. Gilmore. 1,573,930; Feb. 23.
Lubricating composition. I. M. Custer. 1,574,642; Feb. 23.
Lubricating device. A. H. Gits. 1,574,386; Feb. 23.
Lubricators, Force-feed. F. K. Landgraf. 1,574,583; Feb. 23.
Magnesium, Protective coating for. L. J. Keeler. 1,574,289–90; Feb. 23.
Mail box. H. C. Barth. 1,574,354; Feb. 23.
Mail-stamping machine. G. E. Sheldrick. 1,574,262; Feb. 23.
Mantel, fireplace, and hearth unit, Portable. P. Reuter-Lorenzen. 1,573,864; Feb. 23.
Marking gauge. E. G. Balstad. 1,574,182; Feb. 23.
Massaging device, Scalp-. W. Duncan. 1,574,540; Feb. 23.
Match holder. J. Stern. 1,573,946; Feb. 23.
Match splints to prevent afterglow, Impregnating. W. J. Elder and C. N. Morehouse. 1,574,238; Feb. 23.
Mattresses, Machine for wrapping bed. H. L. Dismer. 1,573,920; Feb. 23.
Mechanical movement. A. Rasmussen. 1,574,442; Feb. 23.
Medallion mounting. J. A. Dedouch. 1,574,373; Feb. 23.
Metal articles, Method and apparatus for threading. G. E. Mirfield. 1,574,631; Feb. 23.
Metal cap. C. Hammer. 1,574,085; Feb. 23.
Metal-forming machine. C. W. Kirsch. 1,574,397; Feb. 23.
Metal melting and pouring device. W. M. Bowles. 1,574,598; Feb. 23.
Metal sheets by electrodeposition, Fabrication of. A. Z. Pedersen. 1,574,055; Feb. 23.
Metals, Apparatus for refining or separating. H. Harris. 1,573,829; Feb. 23.
Meter: *See*—
Fluid meter. Water meter.
Meter casings, Draining device for. A. G. Holmes. 1,573,834; Feb. 23.
Meters, Theftproof device for watt-hour. F. A. Kolb. 1,574,039; Feb. 23.
Milk cooler. S. Strang and J. A. Dolan. 1,574,179; Feb. 23.
Milk, Manufacture of powdered. N. H. Christensen. 1,574,233; Feb. 23.
Milk producer and making the same. D. D. Peebles. 1,574,165; Feb. 23.
Mill: *See*—
Tube-rolling mill.
Miter boxes, Attachment for. E. Leske, jr. 1,574,663; Feb. 23.
Mold. C. F. Ogren. 1,574,683; Feb. 23.
Motor: *See*—
Fluid motor. Wave motor.
Motor support, Booster. H. M. Pflager. 1,573,994; Feb. 23.
Motormeters, Ornament for. M. Hogg and J. C. De Haven. Des. 69,513; Feb. 23.
Mute. J. K. Hoffman. 1,574,287; Feb. 23.
Nailing device, Automatic. J. Albrecht. 1,574,061; Feb. 23.
Nailing machine, Box-. H. R. and C. F. Kumler. 1,574,490; Feb. 23.
Nail-strip anchor. W. E. White. 1,574,328; Feb. 23.
Necktie. H. J. Jones. 1,574,198; Feb. 23.
Necktie. N. A. Wahlquist. 1,574,322; Feb. 23.
Necktie. E. J. Weisbaum. 1,573,885; Feb. 23.
Nut lock. F. A. Gibson. 1,574,619; Feb. 23.
Nut, Self-locking seal. C. E. Holmes. 1,574,578; Feb. 23.
Nut-shelling machine. E. R. Skinner, J. H. Renne, and E. O. Ostermeyer. 1,574,450; Feb. 23.
Oil burner. T. A. Crawford. 1,574,560; Feb. 23.
Oil-burning systems, Safety switch for. I. E. Smith. 1,574,129; Feb. 23.
Oil, Filler and breather. P. Thamm. 1,574,639; Feb. 23.
Oil-gas-making apparatus. C. Matthews, jr., and W. C. Matthews. 1,574,502; Feb. 23.
Oil heater. C. H. Bear. 1,574,545; Feb. 23.
Oil-heating furnace. J. E. Bell. 1,574,546; Feb. 23.
Oil reservoir, Engine-base. A. Rousselle. 1,573,868; Feb. 23.
Oil stills, Operation of. J. E. Bell. 1,574,547; Feb. 23.
Oiler for leader pins. E. A. Baumbach. 1,574,355; Feb. 23.
One-way coupling. J. A. Wintroath. 1,574,462; Feb. 23.
Optical copying. M. C. Beebe. 1,574,358; Feb. 23.
Ore-classifying table. W. C. Tracy. 1,574,316; Feb. 23.
Oscillations, Producing. D. M. Terry. 1,573,948; Feb. 23.
Oven construction. P. I. Hollman. 1,573,941; Feb. 23.
Oven, Cooking. R. Brown. 1,574,467; Feb. 23.
Package-identification apparatus. E. G. Jurgens. 1,574,096; Feb. 23.
Packing, Metallic. E. E. Switzer. 1,574,412; Feb. 23.
Pad: *See*—
Truss pad.
Paint burner, Electric. W. W. Haslett and J. Blair. 1,574,193; Feb. 23.
Paper and pasteboard machines, Felt for use on the drying portion of. E. V. Asten. 1,574,592; Feb. 23.
Paper and pulp industry, Wet felt for the. E. V. Asten. 1,574,593; Feb. 23.
Paper cups, Machine for manufacturing. J. V. Weckbaugh. 1,574,324; Feb. 23.
Paper, Cutting. S. F. Damm. 1,573,913; Feb. 23.
Paper machines, Preventing froth on. J. A. De Cew. 1,573,814; Feb. 23.
Paper pulp, Making. F. K. Fish, jr. 1,574,026; Feb. 23.
Pavement and process of making. H. R. Fletcher. 1,573,923; Feb. 23.
Pay envelopes, Selecting container for. A. J. Vincent. 1,574,319; Feb. 23.
Peeler. J. H. Gillis. 1,574,284; Feb. 23.
Pen. M. A. Cover. 1,574,369; Feb. 23.
Pen. J. C. Wahl. 1,574,266; Feb. 23.
Pen, Fountain. D. L. Davis. Des. 69,499; Feb. 23.
Pen, Fountain. G. H. Doyle. 1,574,281; Feb. 23.
Pen, Fountain. H. M. Koenig. 1,574,097; Feb. 23.
Pencil, Mechanical. J. C. Wahl. 1,574,457; Feb. 23.
Pencil mechanism, Lead-. G. Hofmann. 1,574,393; Feb. 23.
Perfume bottles, Combined stand and holder for. B. S. Arvoy, née Renceaux. Des. 69,471; Feb. 23.
Perfume container. J. A. Fields. Des. 69,505; Feb. 23.
Percolator. L. Bonell. 1,574,021; Feb. 23.
Phonograph. J. Vetter. 1,574,318; Feb. 23.
Photographic glass pictures and the like with colored background, Manufacturing. W. Kiesling. 1,574,156; Feb. 23.
Photographic media and process. M. C. Beebe and A. Murray. 1,574,357; Feb. 23.
Photographic medium. M. C. Beebe and A. Murray. 1,574,359; Feb. 23.
Photographic-printing machine. A. C. Pillsbury. 1,574,687; Feb. 23.
Physician's examining table. J. M. Liptay. 1,573,980; Feb. 23.
Pickling machine. L. Lee. 1,573,977; Feb. 23.
Pictures and producing same, Scenery for. J. Bartholowsky. 1,574,464; Feb. 23.
Picture-projecting cabinet, Motion-. R. J. A. and A. E. L. Triana and J. O. Escofet. Des. 69,547; Feb. 23.
Pile construction. W. Pringle. 1,574,439; Feb. 23.
Pilot, Channel. R. A. Fessenden. 1,574,074; Feb. 23.
Pipe-cutting machine. E. W. Mikaelson. 1,574,048; Feb. 23.
Pipe hanger, Adjustable. L. R. Zifferer. 1,573,893; Feb. 23.
Piston. M. H. Sullivan. 1,574,135; Feb. 23.
Piston core chill and mold. M. E. Tandy. 1,574,454; Feb. 23.
Piston ring. D. M. Solenberger. 1,574,634; Feb. 23.
Pistons, Gudgeon-pin mounting for. T. B. Murray. 1,573,848; Feb. 23.
Pit tool. W. J. Dewhirst. 1,573,918; Feb. 23.
Planters, Marker for corn. J. H. Long. 1,574,161; Feb. 23.
Planters, Mulching device for. J., G., and P. Boullion. 1,573,800; Feb. 23.
Plaster and stucco, Applying. W. H. Alton. 1,573,896–7; Feb. 23.
Plastic material, Apparatus for forming hollow articles of. A. H. Bates. 1,574,015; Feb. 23.
Plastic materials, Machine for calendering and cutting sheets formed from. R. G. Null. 1,574,682; Feb. 23.
Plate or similar article. U. Tomita. Des. 69,531–46; Feb. 23.
Plow. J. W. Montgomery. 1,573,988; Feb. 23.
Plow attachment. J. W. Haines. 1,574,627; Feb. 23.
Plow, Riding. E. Oliver. 1,574,684; Feb. 23.
Plows and the like, Draft device for. R. J. Altgelt. 1,574,351; Feb. 23.
Plunger. C. C. Dalley. 1,573,812; Feb. 23.
Pneumatic-dispatch apparatus. J. G. Maclaren. 1,574,046; Feb. 23.
Pole setter. W. E. Franklin. 1,574,147; Feb. 23.
Polish-applying device. O. E. Hackman. 1,574,626; Feb. 23.
Pool, Swimming. W. S. Pollard. 1,574,512; Feb. 23.
Poultry-feeding apparatus. W. C. Kisner. 1,574,398; Feb. 23.
Power brake. P. S. Morgan. 1,574,253; Feb. 23.
Power transmission, Safety connection for. E. E. Brown. 1,574,466; Feb. 23.
Preserving powder of konjac to be used for manufacturing paste or sizing material. K. Tamanaha. 1,574,638; Feb. 23.
Press: *See*—
Baling press. Multicolor-printing press.
Hand press. Printing press.
Press. A. Bates and J. Gouldbourn. 1,573,903; Feb. 23.
Primary battery. M. L. Martus, E. H. Becker, and J. G. Ross. 1,574,300; Feb. 23.
Printing machine, Duplicate-tag-. F. Kohnle. 1,574,294; Feb. 23.

Printing mechanism. P. P. Commander. 1,574,367; Feb. 23.
Printing plate and making the same, Collotype. W. J. Dobinson. 1,574,378; Feb. 23.
Printing press. G. B. McCarty. 1,574,673; Feb. 23.
Printing-press attachment. E. G. Myover. 1,574,633; Feb. 23.
Printing-press ink fountain. E. Faltus. 1,574,474; Feb. 23.
Printing press, Multicolor-. R. J. Smothers. 1,574,708; Feb. 23.
Printing presses, Delivery heater for. C. Bradley. 1,574,535; Feb. 23.
Printing presses, Heater for. C. Bradley. 1,574,536; Feb. 23.
Prints, Method and apparatus for the production of. A. C. Oheim, A. Syhre, and O. Hentschel. 1,574,163; Feb. 23.
Projectile, Apparatus for determining the time of flight of a. W. Akemann. 1,574,272; Feb. 23.
Protecting device. J. H. Friedman. 1,574,188; Feb. 23.
Protective device. N. A. Lougee. 1,574,587; Feb. 23.
Pruning implement. P. M. Gerfin. 1,574,283; Feb. 23.
Pulley units, Apparatus for and process of making. W. T. Hensley. 1,574,481; Feb. 23.
Pulverizer beater. S. C. Martin. 1,574,436; Feb. 23.
Pump. C. W. G. Alender. 1,574,274; Feb. 23.
Pump. E. Gray. 1,573,823; Feb. 23.
Pump. F. C. Kelley. 1,574,291–2; Feb. 23.
Pump, Lubrication. C. A. Baker. 1,574,181; Feb. 23.
Pump or the like, Rotary. J. T. Ryan. 1,574,172; Feb. 23.
Pump-plunger rotor. S. B. Sargent. 1,574,518; Feb. 23.
Pump, Smoke. V. Oreggia. 1,574,408; Feb. 23.
Pumping wells, Method of. G. A. Macready. 1,574,498; Feb. 23.
Pumps, Priming system for centrifugal. C. H. Goyne. 1,573,931; Feb. 23.
Punch. J. B. Larkin. 1,574,159; Feb. 23.
Rack: *See*—
Clothes-drying rack. Festooning rack.
Display rack.
Radiator cap and overflow pipe. C. Johnson. 1,574,486; Feb. 23.
Radiator-cap ornament. W. F. Holeka. Des. 69,514; Feb. 23.
Radiator ornament, Vehicle. J. Rankin. Des. 69,527; Feb. 23.
Radiator support. H. E. Barber. 1,574,353; Feb. 23.
Radio broadcasting equipment. J. P. Maxfield. 1,573,984; Feb. 23.
Radio console cabinet. C. L. Adler. Des. 69,470; Feb. 23.
Radiofrequency arc. H. F. Elliott. 1,574,472; Feb. 23.
Radiofrequency system. H. F. Elliott and J. A. Miller. 1,574,473; Feb. 23.
Radio receiving set, Check-operated. E. E. Wesson. 1,573,886; Feb. 23.
Radio receiving sets, Trouble-alarm system for. R. Bown. 1,573,801; Feb. 23.
Radioreproducer, Pedestal-mounted. A. O. Price. Des. 69,526; Feb. 23.
Radon tube or implant. C. H. Viol. 1,574,456; Feb. 23.
Rail anchor, One-piece. A. J. Cook. 1,574,067; Feb. 23.
Rail joint. D. A. Frampton and G. E. Dennison. 1,574,189; Feb. 23.
Railway-crossing signal. T. Yelcic. 1,574,723; Feb. 23.
Railway points, signals, barriers, and the like, Operating and controlling. A. E. Sheremeteff. 1,573,876; Feb. 23.
Railway switch. F. M. Freeburg. 1,574,027; Feb. 23.
Railway-traffic-controlling apparatus. L. F. Howard. Re16,277; Feb. 23.
Railway-traffic-controlling apparatus. L. F. Howard. 1,574,195–6; Feb. 23.
Railway-traffic-controlling apparatus. H. A. Wallace. 1,574,220; Feb. 23.
Railway-train-stopping device. S. Dhunjibhoy. 1,573,919; Feb. 23.
Rake. I. P. Freiburger. 1,573,819; Feb. 23.
Range, Gas. H. W. Hunter. 1,574,655; Feb. 23.
Receiver mounting. O. M. Leich. 1,573,839; Feb. 23.
Receptacle. N. M. Stone. 1,574,314; Feb. 23.
Receptacle-distributing device. E. W. Morter. 1,573,847; Feb. 23.
Receptacle, Hand-carried. M. Fiering and I. Schneider. 1,574,644; Feb. 23.
Receptacle, Material. H. Sanford. 1,573,870; Feb. 23.
Record sheet. J. B. Baskerville. 1,573,902; Feb. 23.
Record trimmer. G. A. Finder. 1,574,420; Feb. 23.
Reed: *See*—
Fishing reel.
Refrigerator. R. T. Frazier, D. W. Boddy, and C. F. Hamlin. 1,574,569; Feb. 23.
Regulator: *See*—
Temperature regulator. Window regulator.
Thermostatic regulator.
Rheostat. C. Stern and D. Brown. 1,574,521; Feb. 23.
Rib chair. W. E. White. 1,574,326; Feb. 23.
Rift splitter. W. C. Hagmaier. 1,574,423; Feb. 23.
Rim, Demountable. W. R. Hedrick. 1,574,390; Feb. 23.
Ring: *See*—
Piston ring.
Ring or the like. H. W. Peters. 1,574,166; Feb. 23.
Rod: *See*—
Curtain rod
Roof. C. C. Gates. 1,574,345; Feb. 23.
Roofing elements, Method and apparatus for producing. T. Robinson. 1,574,446; Feb. 23.
Roofing elements, Process and apparatus for manufacturing. J. H. Gillis. 1,574,385; Feb. 23.
Roofing material. C. S. Fleming. 1,574,615; Feb. 23.
Roofing material. B. C. Kridler. 1,574,098; Feb. 23.
Rubber article and making same, Hard-. J. F. Johnston. 1,574,658; Feb. 23.
Rubber articles, Apparatus for making hollow. F. T. Roberts. 1,574,113; Feb. 23.
Rubber articles, Making hollow. F. T. Roberts. 1,574,060; Feb. 23.
Rubber compound and making the same, Age-resisting. E. W. Fuller. 1,573,928; Feb. 23.
Rubber compound, Producing a. H. A. Morton. 1,574,676; Feb. 23.
Rudder for steering and controlling vessels. H. O. Westendarp. 1,574,718; Feb. 23.
Rues, Stiffening and protecting device for. J. L. Hamilton. 1,573,828; Feb. 23.
Runner bricks, Manufacturing. W. Malzcher. 1,574,589; Feb. 23.
Saddle. H. Mesinger. 1,574,504; Feb. 23.
Safe. S. F. Laucks and W. E. Wilkinson. 1,574,295; Feb. 23.
Sanitary refuse receiver. W. L. Allen. 1,574,273; Feb. 23.
Sash, Metallic window. C. G. Nelson. 1,574,506; Feb. 23.
Saw gauge. J. J. Robinson. 1,574,445; Feb. 23.
Saw guide for undercutting. J. M. Jennings. 1,574,152; Feb. 23.
Saw set. S. Hernes. 1,574,032; Feb. 23.
Saw tooth and holder therefor, Insertable. A. M. Currier. 1,574,609; Feb. 23.
Sawing machine. J. J. Rogach. 1,574,001; Feb. 23.
Sawing machine, Log-. O. L. Chandler. 1,573,806; Feb. 23.
Sawmill-headblock cleaner. C. D. Blake. 1,573,906; Feb. 23.
Scale. C. H. Hapgood. 1,574,089; Feb. 23.
Scale. H. C. Schaper. Des. 69,530; Feb. 23.
Scale, Automatic. C. Torgersen. 1,573,950; Feb. 23.
Scale casing. O. C. Reeves. Des. 69,528; Feb. 23.
Scale, Coin-return weighing. G. F. Hochreim. 1,573,940; Feb. 23.
Scale, Weighing. H. O. Hem. 1,574,090; Feb. 23.
Scale, Weighing. E. C. Pool. 1,574,109; Feb. 23.
Scale, Weighing. W. M. Saunders. 1,573,869; Feb. 23.
Scales, Locking device for. F. J. Englen. 1,574,073; Feb. 23.
Scales, Weatherproof rail stand for track. J. W. Orrock. 1,573,853; Feb. 23.
Scooter. J. Rohdiek. 1,574,516; Feb. 23.
Scraper, Road. J. W. Shatto. 1,574,261; Feb. 23.
Scraping machines, Road shoulder and weed attachment for road-. J. A. Black. 1,573,905; Feb. 23.
Screen: *See*—
Glare screen.
Screw jack. F. H. Wilder. 1,574,331; Feb. 23.
Seal or tag and applying the same. F. G. Purinton. 1,573,861; Feb. 23.
Sealing containers, Method and apparatus for. S. C. Vessy. 1,573,882; Feb. 23.
Sediment trap. H. L. Blydenburgh. 1,574,336; Feb. 23.
Sewing machine. E. F. Brigham and J. N. Daniels. 1,574,184; Feb. 23.
Sewing-machine horns, End cap for. J. P. Weis. 1,574,524; Feb. 23.
Sewing machine, Multiple-needle. A. H. Weis. 1,574,270; Feb. 23.
Sewing machines, Automatic work-feed control for. E. F. Brigham and J. N. Daniels. 1,574,185; Feb. 23.
Sewing machines, Motor attachment for. B. Grossbard. 1,573,932; Feb. 23.
Sewing machines, Shuttle-shifting means for. R. M. Sharaf. 1,574,122; Feb. 23.
Shade bracket, Combination. M. Doran. 1,573,815; Feb. 23.
Shaft mounting, Control-. R. K. Winning. 1,573,960; Feb. 23.
Shaping machine, Block-. S. H. Wightman and T. A. Long. 1,574,720; Feb. 23.
Sharpener, Knife. J. E. Shaw. 1,573,875; Feb. 23.
Sheave blocks, Deflector for. B. S. Minor. 1,573,945; Feb. 23.
Sheet-metal construction. L. S. Chadwick. 1,574,186; Feb. 23.
Shelf and drawer support. C. E. Kew. 1,574,038; Feb. 23.
Shifter, Automatic. W. T. Chamberlain. 1,574,604; Feb. 23.
Shingle. B. C. Kridler. 1,574,099; Feb. 23.
Ships, Emergency apparatus for damaged. R. Blumberg. 1,573,909; Feb. 23.
Shirts, Finishing. L. S. Smith. 1,574,312; Feb. 23.
Shock absorber. W. L. Foster. 1,574,730; Feb. 23.
Shock absorber. W. H. Frazine. 1,573,926; Feb. 23.
Shock absorber. J. L. Livzey. 1,574,432; Feb. 23.
Shock absorber. C. R. Roberts. 1,574,000; Feb. 23.
Shock absorber. A. C. Savidge. 1,574,699; Feb. 23.
Shock-absorbing device for vehicles. F. L. O. Wadsworth. 1,574,214; Feb. 23.
Shock-absorbing motion accelerator. S. Einstein and H. R. Isler. 1,573,818; Feb. 23.

Shock-absorbing suspension system. F. L. O. Wadsworth. 1,574,140; Feb. 23.
Shoe-pedestal attachment. V. Howard. 1,574,092; Feb. 23.
Shoe shank. W. A. Hermann. 1,573,939; Feb. 23.
Shoe shanks, Apparatus for making. C. C. Cunningham. 1,573,810; Feb. 23.
Shoe-worker's press. A. F. Froussard. 1,574,078; Feb. 23.
Shoes, Shank stiffener for. O. Fern. 1,574,342; Feb. 23.
Shuttle, Filling-replenishing. H. A. Davis. 1,574,643; Feb. 23.
Sifter. C. M. Light and L. Archer. 1,573,979; Feb. 23.
Sign. A. Holder. 1,574,652; Feb. 23.
Sign board and flasher mechanism, Combined. W. W. McDaniels. 1,574,674; Feb. 23.
Sign, Electric. C. Kern. 1,574,582; Feb. 23.
Sign, Illuminated. L. L. Heizer. 1,574,246; Feb. 23.
Signal: See—
Automobile signal.
Railway-crossing signal.
Traffic signal.
Traffic-control signal.
Vehicle signal.
Vehicle direction-indicating signal.
Signal. D. H. Green. Re16,272; Feb. 23.
Signal cane. L. Grau. 1,574,623; Feb. 23.
Signal device. J. Nibler. 1,574,678; Feb. 23.
Signal system. J. L. Hall. 1,574,648; Feb. 23.
Signaling apparatus. A. McLaren. 1,574,734; Feb. 23.
Signaling, Secret. H. Fletcher. 1,573,924; Feb. 23.
Signaling, Secret. R. C. Mathes. 1,573,983; Feb. 23.
Signaling system. P. B. Murphy. 1,573,991; Feb. 23.
Signaling, System of carrier-wave. R. V. L. Hartley. 1,573,936; Feb. 23.
Signaling system, Multiplex. J. W. Horton. 1,574,484; Feb. 23.
Signals, Torque-testing device for semaphore. R. C. Leake. 1,574,491; Feb. 23.
Siliceous alkaline-earth product and making the same. R. Calvert. 1,574,363; Feb. 23.
Silk, Process and apparatus for washing artificial. A. Pinel. 1,573,859; Feb. 23.
Silver, Depositing. B. Bart. 1,574,544; Feb. 23.
Sleeping garment. C. Hildreth. 1,574,651; Feb. 23.
Slicing machine. C. F. M. van Berkel. 1,573,952; Feb. 23.
Slicing machines, Stacker for. C. F. M. van Berkel. 1,573,953; Feb. 23.
Slide, Ladder riddle. F. G. West. 1,573,957; Feb. 23.
Sling, Holsting. E. L. Smith. 1,573,878; Feb. 23.
Slip-joint coupling. P. Mueller. 1,574,052; Feb. 23.
Slip-sheeting device. H. W. De Jarnette. 1,574,148; Feb. 23.
Smoke trap. E. P. Trese. 1,573,951; Feb. 23.
Snowplow. F. W. Brown. 1,574,230; Feb. 23.
Soap-dispensing apparatus. L. Kooperstein. 1,573,970–1; Feb. 23.
Soap or similar article, Cake of. L. Cohn. Des. 69,494; Feb. 23.
Soldering iron. C. N. Brown. 1,574,361; Feb. 23.
Soldering iron. D. H. Franke and N. G. De Vries. 1,573,925; Feb. 23.
Sole, Cushion. H. J. Graber. 1,574,028; Feb. 23.
Sound-reproducing machines and the like, Clutch mechanism for. W. Groenebaum. 1,574,286; Feb. 23.
Sounds, Apparatus for the reproduction of. G. Selbt. 1,573,874; Feb. 23.
Spillway. A. F. Meyer. 1,573,986; Feb. 23.
Spindle machine tool, Multiple-. E. P. Bullard, jr. 1,574,726; Feb. 23.
Spinning machine. H. Ryder. 1,574,003; Feb. 23.
Spool holder and pincushion, Combined. F. Pauker. Des. 69,525; Feb. 23.
Spout and seal for containers. R. M. Clapp. 1,573,915; Feb. 23.
Spraying apparatus. H. Bodfish. 1,574,183; Feb. 23.
Stacker. C. Pearson. 1,574,305; Feb. 23.
Stand for water coolers. H. G. Cordley and G. R. Long. 1,574,608; Feb. 23.
Statuette. G. Hammer and H. K. Berseth. Des. 69,512; Feb. 23.
Steam platen. F. G. Schranz. 1,574,175; Feb. 23.
Steam trap. E. H. Still and A. G. Adamson. 1,573,879; Feb. 23.
Steaming grain and the like, Method and apparatus for. H. R. Spaulding. 1,574,210; Feb. 23.
Steaming tube. P. Sartory. 1,574,005; Feb. 23.
Steel, Iron, and other metal plates, Making. S. T. G. Smith. 1,574,131; Feb. 23.
Steel, Rolling hollow. E. Bumford. 1,574,551; Feb. 23.
Steel-trussed structure. J. G. Jackson. 1,574,657; Feb. 23.
Steering-gear check. J. W. Brundage. 1,574,601; Feb. 23.
Steering gear, Hydrodynamic. E. Velen. 1,574,455; Feb. 23.
Steering wheel. E. H. Vincent. 1,574,320; Feb. 23.
Steering wheel. F. Vincent. 1,574,321; Feb. 23.
Stitches, Machine for forming concealed. R. R. Hughes, jr. 1,573,836; Feb. 23.
Stock-rolling apparatus. A. O. Abbott, jr. 1,574,541; Feb. 23.
Stone, Composition for cleaning. G. A. Nelson. 1,574,406; Feb. 23.
Stone gatherer. E. S. Ribbans. 1,573,998; Feb. 23.
Stool-ring cover. E. R. Linehan. 1,574,160; Feb. 23.
Stoves, Air feed and vent for closed-top gas. J. B. Gardner. 1,574,079; Feb. 23.
Strainer. W. F. Gall. 1,573,929; Feb. 23.
Strainer for gasoline. J. J. Casey. 1,574,865; Feb. 23.
String instruments, Hand pick for. A. Burdwise. 1,573,912; Feb. 23.
Structural members, Cross bracing for. W. E. White. 1,574,329; Feb. 23.
Structure and structural unit, Metallic. S. E. Duff. 1,574,563; Feb. 23.
Suit, Life-saving. S. Abraham. 1,574,529; Feb. 23.
Support. J. West. 1,574,010; Feb. 23.
Support, carrier, or the like movements of a determined character, Mechanism for imparting to a. H. W. Mackenzie. 1,574,667; Feb. 23.
Surface cleaner. W. B. Lynch. 1,574,666; Feb. 23.
Swimming-belt construction, Device for. J. M. Welch. 1,574,221; Feb. 23.
Switch: See—
Centrifugal switch.
Electric switch.
Railway switch.
Switch. H. W. Cheney. 1,574,417; Feb. 23.
Switch. R. Fox. 1,574,475; Feb. 23.
Switch-actuating mechanism. C. N. Bergmann. 1,573,904; Feb. 23.
Switching, Method and apparatus for. M. G. Benjamin. 1,574,548; Feb. 23.
Swivel joint. C. S. Crickmer. 1,574,187; Feb. 23.
Syringe. E. A. Jones. 1,574,579; Feb. 23.
Syringe. W. Richards. 1,574,694; Feb. 23.
Syringe-holding clip. I. L. Harmon and S. L. Gibbs. 1,574,575; Feb. 23.
Table: See—
Ore-classifying table.
Physician's examining table.
Tabulating machines, Accumulator reciprocator for. W. W. Lasker. 1,573,974; Feb. 23.
Tamping machine. C. S. Emert. 1,574,379; Feb. 23.
Tank: See—
Liquid-storage tank.
Tanks, Floating deck for liquid-storage. J. H. Wiggins. 1,574,011; Feb. 23.
Tanks, Floating deck for liquid-storage. J. H. Wiggins. 1,574,013; Feb. 23.
Tank or kettle, Melting. G. P. Kittel. 1,574,489; Feb. 23.
Tanks, Safety cap for gasoline. J. A. Marte. 1,574,500; Feb. 23.
Tape condenser. W. T. Putnam. 1,574,441; Feb. 23.
Tape-dispensing machine. C. L. Ross. 1,574,697; Feb. 23.
Teat cup. A. Sutherland. 1,574,265; Feb. 23.
Teeth, Carding device for artificial. L. Pickering. 1,573,858; Feb. 23.
Teleobjective. R. Richter. 1,573,999; Feb. 23.
Telephone-exchange system. R. S. Bailey. 1,573,794; Feb. 23.
Telephone-exchange system. W. G. Blauvelt. 1,573,907; Feb. 23.
Telephone system. L. Polinkowsky. 1,574,205; Feb. 23.
Temperature regulator. E. D. Smyser. 1,574,132; Feb. 23.
Tension device, Filling-. P. Pelletier. 1,573,857; Feb. 23.
Tent, Foldable. J. J. Bush. 1,574,339; Feb. 23.
Testing apparatus. J. A. Johnson. 1,573,964; Feb. 23.
Textile fabric. J. S. Boyd. Des. 69,487; Feb. 23.
Textile fabric. L. E. Ellis. Des. 69,504; Feb. 23.
Thermometer. R. M. Wilhelm. 1,574,459; Feb. 23.
Thermometer, Incubator. H. J. Winn. 1,574,413; Feb. 23.
Thermostat. J. G. Goodhue. 1,574,346; Feb. 23.
Thermostat. J. Keller and H. Künstlich. 1,573,838; Feb. 23.
Thermostatic regulator. J. A. Guyer. 1,574,479; Feb. 23.
Thread cutter for looms. J. A. Sorrells. 1,574,635; Feb. 23.
Ticketing machine. G. W. Henry, jr. 1,574,391; Feb. 23.
Tile, Pill. H. L. Hamilton. 1,573,827; Feb. 23.
Timber-drawing appliance. T. Greaves, W. H. Darbourne, and V. Warner. 1,574,624; Feb. 23.
Tire. A. B. Cooley. Des. 69,495–7; Feb. 23.
Tire, Automobile. A. F. Dembek. 1,574,611; Feb. 23.
Tire clamp, Rim-cut. A. B. Overholt. 1,574,105; Feb. 23.
Tire core. V. H. Hurt. 1,574,093; Feb. 23.
Tire, Cushion. T. C. Marshall. 1,574,499; Feb. 23.
Tire holder. O. Ruth. 1,574,447; Feb. 23.
Tire-inflating device. H. W. Bieshar. 1,574,549; Feb. 23.
Tire, Resilient. W. S. Galvin. Des. 69,507; Feb. 23.
Tire rims, Combined contractor and expander for automobile. A. C. Hoecker. 1,573,833; Feb. 23.
Toe-plate setter. J. C. Reid, jr. 1,574,443; Feb. 23.
Toe stock and making the same, Felted box-. H. P. Shopneck. 1,574,208; Feb. 23.
Toilet-flushing device. F. A. Burkhard. 1,574,602; Feb. 23.
Tonic applicator, Scalp-. P. Coviello. 1,574,418; Feb. 23.
Tool, Combination. R. J. McLean. 1,574,497; Feb. 23.
Tool grip. H. Tautz and F. E. Dion. 1,574,136; Feb. 23.
Tool, Utility. F. Bahnl. 1,573,901; Feb. 23.

Toothpick holder, Automatic-feed. G. Dekoff. 1,574,069; Feb. 23.
Top, Collapsible. A. V. Smith and F. G. W. Dupree. 1,573,877; Feb. 23.
Toy. J. Holtzman. 1,574,085; Feb. 23.
Toy. L. J. Mueller. 1,573,990; Feb. 23.
Toy block and producing the same. F. A. Redner. 1,574,257; Feb. 23.
Toy cap. A. Otterbein. 1,574,510; Feb. 23.
Toy cat. A. L. Gould. Des. 69,511; Feb. 23.
Toy dog. A. L. Gould. Des. 69,510; Feb. 23.
Toy, Figure wheeled. P. Beecher. 1,574,275; Feb. 23.
Toy filling station. J. Chein. Des. 69,492; Feb. 23.
Toy, Moving-picture. T. A. Killman. 1,573,968; Feb. 23.
Traction mechanism, Creeping. S. R. W. M. Bager, and W. Lehman. 1,574,041; Feb. 23.
Traction tread and cooperating tumbler, Creeping. S. R. W. M. Bager and W. Lehman. 1,574,042; Feb. 23.
Tractor hitch. H. E. Warren. 1,574,716; Feb. 23.
Tractors, Plow attachment. J. A. Marek. 1,574,670; Feb. 23.
Traffic, Automatically controlling. H. Cooke, jr. 1,574,606; Feb. 23.
Traffic-control signal. G. S. Simons. 1,574,449; Feb. 23.
Traffic marker. T. G. Cretney. 1,574,738; Feb. 23.
Traffic signal. F. B. Crosby. 1,574,538; Feb. 23.
Traffic signal. W. L. Merrick. 1,574,162; Feb. 23.
Trailer hitch. C. G. Clement. 1,574,468; Feb. 23.
Trailer hitch, Universal. W. Witsberger. 1,574,461; Feb. 23.
Train-control system. G. W. Dodge. 1,573,921; Feb. 23.
Transmission circuits. W. L. Casper. 1,573,913; Feb. 23.
Transmission mechanism, Two-range. J. C. Haggart, jr. 1,574,082; Feb. 23.
Transmission mechanism, Differential. C. H. Gill. 1,574,620; Feb. 23.
Trap: See—
Animal trap.
Sediment trap.
Smoke trap.
Steam trap.
Tray binder. C. R. Hadley. 1,573,935; Feb. 23.
Tray for machine posting. H. C. Yeiser. 1,574,526; Feb. 23.
Treating apparatus. A. H. Gallagher. 1,574,618; Feb. 23.
Truck, Foundry. J. Lyday. 1,573,840; Feb. 23.
Trucks, Removable body for hand. J. H. O'Brien. 1,574,501; Feb. 23.
Trundle and hoop. S. H. Mysliwski. 1,574,255; Feb. 23.
Truss pad. L. M. Pease. 1,573,856; Feb. 23.
Truss pad. L. A. Smith. 1,574,451; Feb. 23.
Tube: See—
Steaming tube.
Tube-rolling mill. U. Marchi. 1,574,669; Feb. 23.
Tubes, Method of and device for drawing. R. Hirsch. 1,574,482. Feb. 23.
Turbine. J. D. Atwood. 1,574,228; Feb. 23.
Turbine for organs or the like. A. Lamontagne. 1,573,973; Feb. 23.
Turbine installation, Steam-. H. Nyffenegger. 1,573,851; Feb. 23.
Turntable. R. G. Wilcox. 1,574,271; Feb. 23.
Type. W. M. Kelly. 1,574,155; Feb. 23.
Typewriting machine. G. G. Going. 1,574,285; Feb. 23.
Typewriting machine. A. G. F. Kurowski. 1,574,199; Feb. 23.
Typewriting machine. J. Lindburg. 1,574,298; Feb. 23.
Typewriting machine. J. Waldheim. 1,574,215; Feb. 23.
Typewriting machine. J. Waldheim. 1,574,323; Feb. 23.
Underreamer drill, Rotary. O. W. Dickerson. 1,574,280; Feb. 23.
Vacuum fuel-feeding device. H. A. Miller and R. H. Rhoades. 1,574,049; Feb. 23.
Valve. C. R. Martin. 1,574,435; Feb. 23.
Valve. D. S. Beattie. 1,574,017; Feb. 23.
Valve and ringer, Combined pressure-liquid. B. Lutsky and S. Kreisberg. Des. 69,523; Feb. 23.
Valve, Automatic pressure-operated fuel. C. M. Schaeffer. 1,574,260; Feb. 23.
Valve for oil tanks and other containers of inflammable fluids, Automatic safety emergency. V. J. Boggiano. 1,573,798; Feb. 23.
Valve for swingspout measures, Spring-. S. E. Allen. 1,573,895; Feb. 23.
Valve, Frostproof closet. P. Haas. 1,573,934; Feb. 23.
Valve, Inset casing float. A. P. Burch. 1,574,537; Feb. 23.
Valve-operating device. R. F. Laurence. 1,574,661; Feb. 23.
Valve, Pressure-liquid. B. Lutsky and S. Kreisberg. Des. 69,522; Feb. 23.
Valve, Storage-tank emergency. V. M. Henrietta and B. B. Telley. 1,573,938; Feb. 23.
Valve structure. A. F. Meyer. 1,573,985; Feb. 23.
Vehicle bumper. G. J. Glahn. 1,574,243; Feb. 23.
Vehicle direction-indicating signal, Motor-. W. J. Davis. 1,574,146; Feb. 23.
Vehicle door window. G. Haarnagell. 1,574,387; Feb. 23.
Vehicle jack. E. A. Howe. 1,574,395; Feb. 23.
Vehicle light. R. F. Gatch. 1,573,822; Feb. 23.
Vehicle signal. D. S. Ratliff, J. M. Francis, and T. E. Reese. 1,574,513; Feb. 23.
Vehicle transmission, Motor-. J. D. Fraser. 1,574,383; Feb. 23.
Vehicle wheels, Antiskid device for. D. E. Snyder. 1,574,177; Feb. 23.
Vehicles, Attachment for motor. O. F. Brinkman. 1,573,910; Feb. 23.
Vehicles, Change-speed gear for motor. V. Zima. 1,573,894; Feb. 23.
Vehicles, Dimmer shade for motor. A. Chipka. 1,574,554; Feb. 23.
Vehicles, Drive for motor. G. Midboe. 1,574,047; Feb. 23.
Vehicles, Electric generator for motor. J. Joklsch. 1,574,095; Feb. 23.
Vehicles, Propelling mechanism for children's. J. Rohdiek. 1,574,517; Feb. 23.
Vehicles, Signal device for. F. C. S. Knowles. 1,574,293; Feb. 23.
Vehicles, Signal light for. P. Koroknay. 1,574,250; Feb. 23.
Vehicles, Spring mounting for. T. F. M. Crisp. 1,573,916; Feb. 23.
Vehicles, Spring suspension for. F. L. O. Wadsworth. 1,574,139; Feb. 23.
Vehicles, Storm front for. E. W. Saunders. 1,574,309; Feb. 23.
Vehicles, Supporting and propelling mechanism for motor. F. A. Nilsson. 1,574,679; Feb. 23.
Vehicles, Traction-increasing device for motor. E. A. Foster. 1,574,729; Feb. 23.
Vending machine. H. B. McKee. 1,573,841; Feb. 23.
Vending-machine casing. R. C. Bradley. Des. 69,485; Feb. 23.
Vending-machine casing. W. C. Cutler. Des. 69,498; Feb. 23.
Vending-machine casing. A. E. Derus. Des. 69,500; Feb. 23.
Vending-machine casing. F. L. Wilke and W. Burns. Des. 69,551; Feb. 23.
Vending machine, Pencil-. W. Waldron. 1,573,955; Feb. 23.
Ventilating device. G. F. Isgrig. 1,574,656; Feb. 23.
Violin tone vibrator. I. Hessel. 1,574,033; Feb. 23.
Vulcanizing apparatus. N. E. Raber. 1,573,862; Feb. 23.
Vulcanizing hollow articles, Method and apparatus for. A. E. Falor. Re16,271; Feb. 23.
Vulcanizing strip material containing rubber or the like, Machine for forming and. A. O. Abbott, jr. 1,574,542; Feb. 23.
Waffle iron. W. W. Weir. 1,574,141; Feb. 23.
Wall board, Spacer for plastic. J. Schumacher. 1,574,117; Feb. 23.
Wall furnace. J. S. Andrews. 1,574,145; Feb. 23.
Walls, Making light porous. C. Marczinczek. 1,574,252; Feb. 23.
Wardrobe hanger. S. L. Sessions. 1,574,705; Feb. 23.
Wash fountain, Foot-controlled. L. Schlesinger and H. E. Helne. 1,574,700; Feb. 23.
Washing machine. A. W. Altorfer. 1,574,334; Feb. 23.
Washing machine. F. A. Hart. 1,574,630; Feb. 23.
Washing machines, Suction member for. H. F. Keiffer. 1,574,488; Feb. 23.
Water from cream, Device for removing. D. A. Maanum. 1,573,981; Feb. 23.
Water heater. W. F. Lautenschlager. 1,573,975; Feb. 23.
Water heater, Electric. S. D. Nesmith. 1,574,053–4; Feb. 23.
Water-heating apparatus, Indirect. C. Smith. Re16,275; Feb. 23.
Water-level automatic control apparatus, Boiler-. L. C. Davis. 1,574,235; Feb. 23.
Water mains, Apparatus for testing. J. A. Cole. 1,574,366; Feb. 23.
Water meter. A. J. Astler. 1,574,594; Feb. 23.
Waterproof pocket. E. Frantz. 1,574,077; Feb. 23.
Water purifier. A. L. Grant. 1,574,477; Feb. 23.
Water-purifying apparatus. H. B. Hartman. 1,574,389; Feb. 23.
Water-temperature regulator and pressure-control valve. J. C. Fischer. 1,574,075; Feb. 23.
Wave communicating system, Carrier-. S. B. Williams, jr. 1,573,959; Feb. 23.
Wave motor. I. Miles. 1,573,987; Feb. 23.
Wave transmission, Current-. H. J. Vennes. 1,573,954; Feb. 23.
Wearing apparel. J. Siegel. 1,574,127; Feb. 23.
Weft carrier. O. Shimwell. 1,574,125; Feb. 23.
Weighing machine, Automatic. J. W., S. W., and E. S. Smith. 1,574,706; Feb. 23.
Welding. S. C. Cary. Re16,276; Feb. 23.
Welding metallic structures. R. Mattice. Re16,274; Feb. 23.
Welding pipe, Butt-. W. S. Stevenson. 1,574,411; Feb. 23.
Well casings, Ripper for. J. A. Francis. 1,574,241; Feb. 23.
Wells, Apparatus for pumping deep. L. G. Gates. 1,574,080–81; Feb. 23.
Wheel: See—
Bull wheel.
Car wheel.
Steering wheel.
Wheels, Rim and tire construction for vehicle. M. T. Conroy. 1,574,277; Feb. 23.
Whist, Device for use in playing duplicate. G. W. Marshall. 1,574,202; Feb. 23.
Winding machine, Bobbin-. G. Juer. 1,573,837; Feb. 23.

Winding, Method and means for. W. E. Guest. 1,573,933; Feb. 23.
Windmill. J. T. Ryan. 1,574,171; Feb. 23.
Windshield. E. R. Buchanan. 1,574,022; Feb. 23.
Windshield. M. B. McGraw. 1,574,400; Feb. 23.
Windshield cleaner. C. E. Iler. 1,574,094; Feb. 23.
Window and sash. A. E. Reade. 1,574,167; Feb. 23.
Window construction and the like. J. A. Rappaport. 1,574,110; Feb. 23.
Window lock. A. J. Ross. 1,574,258; Feb. 23.
Window lock. M. J. Sasgen and L. Simonsen. 1,574,115; Feb. 23.
Window opening and closing apparatus. I. Hart. 1,574,388; Feb. 23.
Window regulator. E. L. Ackerman and A. J. Zwierzina. 1,574,333; Feb. 23.
Window structure, Swinging-. H. A. De Haas. 1,573,917; Feb. 23.
Wire fibrous yarn, Multiple-. H. Ryder. 1,574,004; Feb. 23.
Wood, Preserving. R. Leedom. 1,574,662; Feb. 23.
Workbench. O. J. and M. R. Youngman. 1,574,528; Feb. 23.
Wrapping machine. F. M. Pierce. 1,574,438; Feb. 23.
Wrapping machine, Caramel-. W. H. Sergent. 1,574,120; Feb. 23.
Wrench. J. R. Sieger. 1,574,176; Feb. 23.
Wringer. W. Robertson. 1,574,206; Feb. 23.
Yeast, Preserving. L. Lindemann. 1,574,494; Feb. 23.
Yoke, Neck. A. E., E., and J. Schruth. 1,574,006; Feb. 23.
Zinc oxide, Manufacture of. H. H. Utley and J. McCallum. 1,574,317; Feb. 23.

CLASSIFICATION OF PATENTS

ISSUED FEBRUARY 23, 1926.

NOTE.—First number—class, second number—subclass, third number—patent number.

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OFFICIAL GAZETTE

OF THE

UNITED STATES PATENT OFFICE

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VOLUME 344

MARCH

1926

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[Decisions of the Court of Appeals of the District of Columbia are indicated by the letter (*); of the Supreme Court of the United States by the letter (*).]

ERRATA.

1,575,944, page 418, after residence of patentee insert *assignor to National Pigment & Chemical Company, St. Louis, Mo., a Corporation of Missouri.*

Patents Nos. 1,574,741 to 1,575,606.

THE OFFICIAL GAZETTE

OF THE

United States Patent Office.

Vol. 344—No. 1. TUESDAY, MARCH 2, 1926. Price—$5 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $5.00 per annum; single numbers, 10 cents each.

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Total	1,442		

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,402,792, P. Pierce, Bead and guide rolls for tire-wrapping machine, decided January 23, 1926, claim 9.

Pat. 1,465,252, R. Craig, Weighing scale, decided January 18, 1926, claims 1, 2, 3, 4, and 13.

Pat. 1,513,324, S. M. Kintner, Polyphase plate-circuit-excitation system, decided January 22, 1926, claims 1, 6, 7, 8, and 10.

Pat. 1,556,633, S. Ruben, Electrical control method, decided January 18, 1926, claims 1 and 4.

Final decisions in interferences have been rendered against the following registered trade-marks:

T. M. 61,438, Cotton piece goods, C. C. Copeland & Co., New York, N. Y. Registered March 19, 1907. Decided January 19, 1926.

T. M. 61,700, Certain cotton piece goods, C. C. Copeland & Co., New York, N. Y. Registered April 2, 1907. Decided January 19, 1926.

T. M. 92,571, Candy, Novelty Candy Company, Jersey City, N. J. Registered July 15, 1913. Decided January 25, 1926.

T. M. 102,799, Powdered milk, sweetened condensed milk, unsweetened evaporated milk, lactated tissue food, cheese, butter, and sugar, Hudson Condensed Milk Co., Inc., New York, N. Y. Registered February 23, 1915. Decided January 23, 1926.

T. M. 134,651, Hosiery, Fulfashon Hosiery Company, New York, N. Y. Registered September 14, 1920. Decided January 19, 1926.

ADJUDICATED PATENTS.

(C. C. A. Ill.) The Doster patent, No. 986,698, for railway-tie plate, claims 1, 2, and 5 *Held* invalid. *Lundie Engineering Co.* v. *Railroad Supply Co.*, 8 F. (2d) 995.

(C. C. A. Minn.) The Davis and Helfman patent, No. 1,381,172, for davenport bed, *Held* valid and infringed. *Davis Mfg. Co.* v. *Levin Bros.*, 8 F. (2d) 972.

Notice Regarding Payment of Fees.

All fees must be paid in advance. Payment of money required for Office fees *must* be made in specie, Treasury notes, national-bank notes, post-office money orders, or certified checks. Money orders and checks must be made payable to the "Commissioner of Patents." Money sent by mail to the Patent Office will be at the risk of the sender. (See Rule 194.)

Certified checks, bank drafts, express and foreign money orders must be immediately negotiable in this country and for the full amount of the fee required by the Patent Office. No allowance can be made by this Office for any charge for their collection or exchange. Postage stamps will not be accepted. Failure to comply with the above instructions will cause delay.

Renewal of Forfeited Cases.

A petition for the renewal of a forfeited application need not be signed by the inventor or assignee, but may be signed by the attorney.

A power of attorney in the original application authorizing an attorney to transact all business in the Patent Office in connection with the application construed to be of sufficient scope to include the signing of a petition for renewal and the subsequent prosecution of the application. (*Ex parte Agee*, 101 O. G., 1609.)

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Condition of Applications Under Examination at Close of Business February 19, 1926.

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 40,548; Trade-Mark Division, 2,085. Oldest new case, Aug. 7, 1925; oldest amended, Aug. 7, 1925. The dates given are 1925 except where † indicates 1926.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Harrows and Diggers; Plant Husbandry; Plows; Planting; Scattering Unloaders.	Nov. 27	Dec. 1	456
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Oct. 31	Oct. 24	587
331	3. RICH, WM. J., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 23	Nov. 23	760
234	4. MERRITT, A. D., Conveyers, Chutes, Skids, Guides, and Ways; Conveyers, Fluid Current; Conveyers, Power Driven; Excavating; Handling—Hand and Hoist-Line Implements; Material or Article Handling; Pushing and Pulling Implements; Traversing Hoists.	Nov. 19	Nov. 30	525
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording and Reproducing; Tying Cords or Strands.	Sept. 22	Sept. 22	854
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Hides, Skins and Leather; Sugar and Starch; Concentrating Evaporators.	Nov. 14	Nov. 3	1,037
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Dec. 2	Dec. 5	776
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Stove Furniture	Nov. 27	Dec. 2	1,044
221	9. TRYON, F. M., Air and Gas Pumps; Hydraulic Motors; Injectors and Ejectors; Motors, Fluid; Motors, Fluid Current; Pumps.	Dec. 1	Oct. 23	551
118	10. HUNTER, O. F. (Acting), Motor Vehicles; Land Vehicles—Animal Draft Appliances, Bodies and Tops, Dumping.	Oct. 30	Nov. 4	976
148*	11. ARMSTRONG, H. C., Boot and Shoe Making; Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whips and Whip Apparatus; Cutting and Punching Sheets and Bars; Driven, Headed, and Screw-Threaded Fastenings.	Nov. 30	Dec. 1	730
390	12. PIERCE, P. P., Machine Elements	Nov. 25	Nov. 19	643
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning.	Nov. 23	Dec. 21	619
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Oct. 19	Nov. 19	863
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Nov. 30	Nov. 30	594
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Oct. 28	Oct. 20	921
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Nov. 11	Nov. 5	380
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Oct. 19	Oct. 19	798
238	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Oct. 15	†Jan. 2	545
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Nov. 27	Nov. 30	758
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Nov. 16	Nov. 25	457
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms; Ordnance; Ammunition and Explosive Devices; Ammunition and Explosive-Charge Making; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Dec. 5	Dec. 5	526
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 2	Sept. 29	280
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Dec. 8	Dec. 8	492
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Nov. 24	Nov. 30	752
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Aug. 26	Aug. 28	737
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Dec. 21	Dec. 16	516
225	28. BENSON, A. R., Internal-Combustion Engines	Dec. 14	Dec. 18	679
160*	29. MORRIS, B. N., Abrading; Boring and Drilling; Button Making; Chucks or Sockets; Coopering; Tool-Handle Fastenings; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Aug. 7	Aug. 7	1,089
248	30. SULLIVAN, M. R., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Nov. 19	Nov. 13	819
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Dec. 24	Dec. 23	735
249	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Nov. 7	Oct. 16	589
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	Dec. 21	Dec. 21	613
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways; Railway Rolling Stock; Railway Switches and Signals; Railways, Surface Track; Railway Wheels and Axles; Store Service; Track Sanders; Vehicle Fenders.	Sept. 19	Sept. 17	698
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Dec. 4	Dec. 30	527
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Nov. 12	Nov. 24	1,054
224*	37. TAYLOR, E. C., Electricity, Circuit Makers and Breakers	Nov. 16	Nov. 18	864
145	38. IDE, G. R., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Aug. 31	Sept. 24	870
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Nov. 23	Dec. 7	478
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Cloth, Leather, and Rubber Receptacles; Deposit and Collection Receptacles; Metallic Receptacles; Package and Article Carriers; Paper Receptacles; Special Receptacles and Packages; Wooden Receptacles.	Nov. 16	Nov. 18	1,067
125	41. BROWN, J. I., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Nov. 25	Nov. 28	441
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Oct. 28	Oct. 23	1,118
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Nov. 6	Nov. 19	773
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Sept. 25	Aug. 31	861
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Nov. 16	Nov. 27	511
233	46. WOLCOTT, C. L., Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Nov. 18	Nov. 12	592
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Oct. 29	Nov. 2	1,120
213*	48. ROEPKE, O. B., Electricity, Conductors; Electricity, General Applications	Sept. 14	Sept. 11	1,671
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Pneumatics; Velocipedes; Driers; Liquid Separation or Purification.	Nov. 28	Dec. 2	595
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Oct. 12	Oct. 12	1,177
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission; Electric Lamps	Oct. 8	Oct. 1	1,714
144	52. MORGAN, E. T., Supports; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings.	Dec. 10	Dec. 3	583
241*	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Dec. 7	Dec. 7	726
102	DESIGNS: C. O. MARKHAM (Acting)	†Jan. 25	†Feb. 2	307
163	TRADE-MARKS, LABELS, AND PRINTS: T. L. MEAD, JR. {Trade-Marks	†Jan. 13	†Feb 4	1,964
	{Labels and Prints	†Jan. 27	†Feb. 6	121

*Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Supreme Court of the United States.

INDEPENDENT WIRELESS TELEGRAPH COMPANY *v.* RADIO CORPORATION OF AMERICA.

Decided January 11, 1926.

1. LICENSEE AS PLAINTIFF IN EQUITY—OWNER AS COPLAINTIFF—CONSTRUCTION OF SECTION 4921, REVISED STATUTES.

There is no express authority given to the licensee under section 4921, Revised Statutes, to use the name of the patent owner in equity as he can under section 4919 at law.

2. SAME—SAME.

Both the owner and the exclusive licensee are generally necessary parties in the action in equity.

3. SAME—SAME—REFUSAL OF OWNER WITHIN THE JURISDICTION TO JOIN AS PLAINTIFF.

If the owner of a patent, being within the jurisdiction, refuses or is unable to join an exclusive licensee as coplaintiff, the licensee may make him a party defendant by process, and he will be lined up by the court in the party character which he should assume.

4. SAME—SAME—USE OF OWNER'S NAME AS COPLAINTIFF.

The owner of a patent who grants to another the exclusive right to make, use, or vend the invention, which does not constitute a statutory assignment, holds the title in trust for such a licensee, to the extent that he must allow the use of his name as plaintiff in any action brought at the instance of the licensee in law or in equity to obtain damages for the injury to his exclusive right by an infringer or to enjoin infringement.

5. SAME—SAME—SAME—SUIT IN EQUITY.

In an equity suit under section 4921, where otherwise justice to the exclusive licensee would fail, he may make the owner of the patent a coplaintiff in his bill, in analogy to the remedy given him in an action on the case at law for damages under section 4919.

6. SAME—SAME—SAME—MUST BE REQUESTED.

The owner beyond the reach of process may be made coplaintiff by the licensee, but not until after he has been requested to become such voluntarily.

7. SAME—SAME—SAME—SAME—REFUSAL OF REQUEST.

If the owner declines to take any part in the case, though he knows of its imminent pendency and of his obligation to join, he will be bound by the decree which follows.

ON WRIT of certiorari of the United States Circuit Court of Apppeals for the Second Circuit.

Mr. Wm. H. Davis for Independent Wireless Telegraph Company.

Mr. John W. Davis for Radio Corporation of America.

Mr. Chief Justice TAFT delivered the opinion of the Court.

The Radio Corporation, a corporation of Delaware, filed a bill in equity in the southern district of New York, joining with itself the De Forest Radio Telephone & Telegraph Company also of Delaware, as coplaintiff, against the Independent Wireless Telegraph Company of Delaware, and the American Telephone & Telegraph Company of New York. The case made in the bill was this:

Lee De Forest invented and received Patents Nos. 841,387 and 879,532, dated in 1908 and 1909, for devices for amplifying feeble electric currents and certain new and useful improvements in space telegraphy. After giving limited licenses to the American Telephone & Telegraph Company, he assigned the patents to the De Forest Radio Telephone and Telegraph Company. On March 16, 1917, the De Forest Company, by writing duly recorded, gave an exclusive license to make, use and sell the devices for the life of the patents to the Western Electric Company, reserving to itself nonexclusive, nontransferable and personal rights to make, use and sell them for defined purposes. The Western Electric Company then assigned all that it thus received from the De Forest Company to the American Telephone Company. The American Telephone Company, on July 1, 1920, made a contract with the General Electric Company, by which they exchanged rights in various patents owned or controlled by each, including these rights in the De Forest patents. Some seven months prior, on November 20, 1919, the General Electric Company had granted to the Radio Corporation, the plaintiff, an exclusive license to use and sell for "radio purposes", i. e., "for transmission or reception of communication by what are known as electric magnetic waves except by wire", all inventions owned by the General Electric Company or thereafter acquired by it. The American Telephone Company subsequently confirmed in the Radio Corporation these after-acquired rights in the De Forest patents. Thus there came from the De Forest Company to the Radio Corporation, exclusive rights to use and sell in the United States, for radio purposes, apparatus for transmission of messages, and especially for use between ship and shore for pay.

The defendant, the Independent Wireless Company, has bought the same apparatus with the lawful right to use it in the amateur and experimental field only. The apparatus thus bought bears a label with such a limitation on its use. The charge in the bill is that the Independent Company is using the apparatus, or the part of it called "radio-tubes", in the commercial radio field between ship and shore for pay and thus is violating the Radio Corporation's rights in this field. An injunction is prayed and an accounting of profits and all damages to the plaintiffs and the American Telephone Company as their interests shall appear.

The twenty-fifth averment of the bill is that—

the plaintiff, the De Forest Radio Telephone & Telegraph Company, as hereinbefore alleged, has certain rights in the patents in suit herein; that before filing this bill of complaint, said De Forest Radio Telephone & Telegraph Company, was requested to consent to join, as a co-plaintiff, herein, but declined; that said De Forest Radio Telephone & Telegraph Company is not within the jurisdiction of the Court and therefore can not be made a de-

fendant herein; and that therefore to prevent a failure of justice, and to enable the plaintiff Radio Corporation of America to protect its exclusive rights under the patents in suit, said De Forest Radio Telephone & Telegraph Company, is made a plaintiff herein without its consent.

After securing an order for a bill of particulars compliance with which disclosed the various agreements referred to in the bill and facts relevant thereto, the Independent Wireless Telegraph Company, defendant, moved that the Court dismiss the bill of complaint, upon the following ground:

That the De Forest Radio Telephone & Telegraph Company, the owner of the patent in suit, has not joined in this litigation as a party plaintiff by duly signing and verifying the bill of complaint herein, and the plaintiff Radio Corporation of America is not such a licensee under the patents as to permit it to sue alone in its own name, in the name of the owner of the patents in suit, or to sue in the name of the owner of the patents joining itself as a licensee under the patents.

The district court sustained the motion and dismissed the bill, in the view that it was bound by decisions of this Court to hold that the De Forest Company was the owner of the patent and an indispensable party and being out of the jurisdiction could not be made a party defendant by service or joined as a party plaintiff against its will—297 Fed. 518. The circuit court of appeals on appeal reversed the district court, held that the De Forest Company was properly made coplaintiff by the Radio Corporation, and remanded the case for further proceedings. 297 Fed. 521. We have brought the case here on certiorari. Section 240, Judicial Code.

The respondent in its argument to sustain the ruling of the circuit court of appeals presses two points. The first is that by the contract between the De Forest Company and the Western Electric Company title to the patent was vested in the Western Electric Company and from it by assignment in the American Telephone & Telegraph Company; that the latter is a party defendant, having declined to be a plaintiff, and so satisfies the requirement of the presence in such a suit as a party of the owner of the patent. The difficulty the respondent meets in this suggestion is that its bill avers that what the American Telephone Company acquired from the De Forest Company was a license, so called in the contract creating it, and the making of the De Forest Company a party plaintiff to the bill was necessarily on the theory that it, and not the American Telephone Company is the owner of the patent. The contracts between the corporations involved in the transfer of rights under the patent are long and complicated and in order to be fully understood require some knowledge of the new radio field. The Court is loath to depart, if it could, from the theory on which the bill was framed and both courts have acted, unless required to do so.

The question for our consideration then is, Can the Radio Company make the De Forest Company a coplaintiff against its will under the circumstances of the case?

Section 4919, Revised Statutes, is as follows:

Damages for the infringement of any patent may be recovered by action on the case, in the name of the party interested, either as patentee, assignee, or grantee. And whenever in any such action a verdict is rendered for the plaintiff, the court may enter judgment thereon for any sum above the amount found by the verdict as the actual damages sustained, according to the circumstances of the case, not exceeding three times the amount of such verdict, together with the costs.

In *Goodyear* v. *Bishop*, 10 Fed. Cases 642, case No. 5558, a suit for damages for infringement had been brought in the name of the patentee by a licensee under the 14th section of the Patent Act of 1836, c. 357, 5 Stat. 357, which contained language similar to section 4919. The defendant moved with the consent of the patentee to discontinue the suit. It was contended that as the patentee had stipulated with the licensee to sue infringers, his remedy was on the covenant. Mr. Justice Nelson at the circuit denied the motion. He said that a suit at law to protect the patent right was properly brought in the name of the patentee, that the license was sufficient to give the protection sought, and that the covenant by the patentee did not take from the licensee the remedy by use of the patentee's name to proceed directly against the wrongdoer. The same ruling was made in *Goodyear* v. *McBurney*, 10 Fed. Case 699, case No. 5574.

These cases were decided in 1860 by a Justice of this Court, and no case is cited to us questioning their authority. Indeed the cases have been since referred to a number of times with approval by distinguished patent judges. Mr. Justice Blatchford while circuit judge in *Nelson* v. *McMann*, 17 Fed. Cases, 1325, 1329, case No. 10109; Mr. Justice Gray while Chief Justice of the supreme judicial court of Massachusetts in *Jackson* v. *Allen*, 120 Mass. 64, 77; Judge Lowell in *Wilson* v. *Chickering*, 23 O. G., 1730; 14 Fed. 917, 918; Judge Shipman in *Brush Swan Company* v. *Thompson Company*, 58 O. G. 807; 48 Fed. 224, 226. The terms "action on the case" and the phrase "in the name of the party in interest, either as patentee, assignee or grantee" in section 4919 were evidently construed to constitute a remedy at law like the suit at common law on a chose in action in the name of the assignor in which the assignment gave the assignee the right as attorney of the assignor to use the latter's name. Lectures on Legal History, Ames, 213. See also *Eastman* v. *Wright*, 6 Pick. 312, 316; *Pickford* v. *Ewington*, 4 Dowling P. C. 458; *McKinney* v. *Alvis*, 14 Ill. 33.

But section 4919 applied by its terms only to actions on the case at law to which the licensee was not a necessary and hardly a proper party. This is a bill in equity. The remedy for violation of an exclusive licensee's interest in equity under the patent laws is found in section 4921, Revised Statutes, which is as follows:

The several courts vested with jurisdiction of cases arising under the patent laws shall have power to grant injunctions according to the course and principles of courts of equity, to prevent the violation of any right secured by patent, on such terms as the court may deem reasonable; and upon a decree being rendered in any such case for an infringement, the complainant shall be entitled to recover, in addition to the profits to be accounted for by the defendant, the damages the complainant has sustained thereby; and the court shall assess the same or cause the same to be assessed under its direction. And the court shall have the same power to increase such damages, in its discretion, as is given to increase the damages found by verdicts in actions in the nature of actions of trespass upon the case.[1]

[1, 2] There is no express authority given to the licensee to use the name of the patent owner in equity as we have seen that he can under section 4919 in suits at law. The presence of the patentee or his assignee in the equity suit however, it has been held, is just as essential to obtaining an injunction or an accounting of profits or damages under the patent laws as it is in an action on the case for damages at law. Indeed both the owner and the exclusive licensee are generally necessary parties in the action in equity. *Waterman* v. *Mackenzie*, 54 O. G. 1562; 138 U. S. 252, *Littlefield* v. *Perry*, 21 Wall, 205, 223; *Paper Bag Cases*, 21 O. G. 1275; 105 U. S. 766; *Birdsell* v. *Shaliol*, 30 O. G. 261; 112 U. S. 485,486.

It is urged on behalf of the respondent that in equity the real party in interest, the exclusive licensee whose contract rights are being trespassed upon by the infringer, should be able without the presence of the owner of the patent to obtain an injunction and damages directly against the infringer. We recognize that there is a tendency in courts of equity to enjoin the violation of contract rights which are invaded by strangers in a direct action by the party injured, instead of compelling a roundabout resort to a remedy through the covenant, express or implied, of the other contracting party. But such a short cut however desirable is not possible in a case like this. A suit without the owner of the patent as a plaintiff if maintainable would not be a suit under section 4921 of the patent laws but only an action in equity based on the contract rights of the licensee under the license and a stranger's violation of them. There would be no jurisdiction in courts of the United States to entertain it unless by reason of diverse citizenship of the parties which does not exist in this case. *Hill* v. *Whitcomb*, 12 Fed. Cases, 182, 185, case No. 6502; *Wilson* v. *Sandford*, 10 How. 99, 101; *Albright* v. *Feas*, 106 U. S. 613, and cases cited.

What remedies then can equity afford in a case like this? *Waterman* v. *Mackenzie*, 54 O. G. 1562; 138 U. S. 252, involved the question whether a grant from the owner of the patent of the exclusive right to make and sell but not to use was an assignment under the statute entitling the grantee in his own name to sue an infringer in equity, and it was held that it was not. Mr. Justice Gray, speaking for the Court, at page 255 said:

In equity, as at law, when the transfer amounts to a license only, the title remains in the owner of the patent; and suit must be brought in his name, and never in the name of the licensee alone, unless that is necessary to prevent an absolute failure of justice, as where the patentee is the infringer, and cannot sue himself. Any rights of the licensee must be enforced through or in the name of the owner of the patent, and perhaps, if necessary to protect the rights of all parties, joining the licensee with him as a plaintiff. Revised Statutes, section 4921. *Littlefield* v. *Perry*, 21 Wall. 205, 223; *Paper Bag Cases*, 21 O. G. 1275; 105 U. S. 766, 771; *Birdsell* v. *Shallol*, 30 O. G. 261; 112 U. S. 485–487. And see *Renard* v. *Levinstein*, 2 Hem. & Mil. 628.

Littlefield v. *Perry*, 21 Wallace 205, was a suit for infringement by one to whom was granted an exclusive right to make, use and vend by the patent owner. The Court held that it was an assignment under the statute, but further held that even if it were only an exclusive license, the suit might be maintained under the patent laws, because the patentee who had been privy to the alleged infringement had been made a party defendant with the infringer. This Court said at page 223:

A mere licensee can not sue strangers who infringe. In such case redress is obtained through or in the name of the patentee or his assignee. Here, however, the patentee is the infringer, and as he can not sue himself, the licensee is powerless, so far as the courts of the United States are concerned, unless he can sue in his own name. A court of equity looks to substance rather than form. When it has jurisdiction of parties it grants the appropriate relief without regard to whether they come as plaintiff or defendant. In this case the person who should have protected the plaintiff against all infringements has become himself the infringer. He held the legal title to his patent in trust for his licensees. He has been faithless to his trust, and courts of equity are always open for the redress of such a wrong. This wrong is an infringement. Its redress involves a suit, therefore, arising under the patent laws, and of that suit the circuit court has jurisdiction.

The presence of the owner of the patent as a party is indispensable not only to give jurisdiction under the patent laws but also in most cases to enable the alleged infringer to respond in one action to all claims of infringement for his act and thus either to defeat all claims in the one action, or by satisfying one adverse decree to bar all subsequent actions.

[3] If the owner of a patent being within the jurisdiction refuses or is unable to join an exclusive licensee as coplaintiff, the licensee may make him a party defendant by process and he will be lined up by the court in the party character which he should assume. This is the necessary effect of the decision in *Littlefield* v. *Perry*, *supra*. See also *Brammer* v. *Jones*, 4 Fed. Cases 11, case No. 1806; *Gamewell Telegraph Company* v. *Brooklyn*, 22 O. G. 1978; 14 Fed. 255; *Waterman* v. *Shipman*, 64 O. G. 713; 55 Fed. 982, 986; *Libbey Glass Company* v. *McKee Glass Company*, 216 Fed. 172; affirmed 220 Fed. 672; *Hurd* v. *Goold*, 208 Fed. 998. This would seem to be in accord with general equity practice. *Waldo* v. *Waldo*, 52 Mich. 91, 94. A cestui que trust may make an unwilling trustee a defendant in a suit to protect the subject of the trust. *Porter* v. *Sabin*, 149 U. S. 473, 478; *Brun* v. *Mann*, 151 Fed. 145, 153; *Monmouth Company* v. *Means*, 151 Fed. 159, 165. *Eastman* v. *Wright*, 6 Pick. 312, 316.

[4] It seems clear then on principle and authority that the owner of a patent who grants to another the exclusive right to make, use or vend the invention, which does not constitute a statutory assignment, holds the title to the patent in trust for such a licensee, to the extent that he must allow the use of his name as plaintiff in any action brought at the instance of the licensee in law or in equity to obtain damages for the injury to his exclusive right by an infringer or to enjoin infringement of it. Such exclusive licenses fre-

[1] Section 4921 was amended by act of March 3, 1897, 29 St. 694, c. 391, sec. 6, adding a six years' limitation on actions under it, and by act of February 18, 1922, 42 St. 392, c. 58, sec. 8, allowing expert evidence as to damages and requiring notice of litigation to Commissioner of Patents for record by endorsement on file wrapper of patents involved. The amendments do not affect the question here.

quently contain express covenants by the patent owner and licensor to sue infringers that expressly cast upon the former the affirmative duty of initiating and bearing the expense of the litigation. But without such express covenants, the implied obligation of the licensor to allow the use of his name as indispensable to the enjoyment by the licensee of the monopoly which by personal contract the licensor has given. Inconvenience and possibly embarrassing adjudication in respect to the validity of the licensor's patent rights, as the result of suits begun in aid of the licensee, are only the equitable and inevitable sequence of the licensor's contract, whether express or implied.

But suppose the patentee and licensor is hostile and is out of the jurisdiction where suit for infringement must be brought, what remedy is open to the exclusive licensee? The matter has been given attention by the courts dealing with patent cases. In *Wilson* v. *Chickering*, *supra*, at p. 918, an exclusive licensee brought a bill in equity to enjoin infringement without joining the owner of the patent. A demurrer was sustained with 30 days to amend. Judge Lowell after saying that a mere licensee can not generally in equity sue in equity without joining the patentee, said:

> I do not, however, intend to be understood that plaintiff will be without remedy if he can not find the patentee, or if the latter is hostile. The statute does not abridge the power of a court of equity to do justice to the parties before it if others who can not be found are not absolutely necessary parties, as in this case the patentee is not. At law the plaintiff could use the name of a patentee in an action and perhaps he may have the right in equity under some circumstances. The bill gives no explanation of his absence; but it was said in argument that he is both out of the jurisdiction and hostile. If so, no doubt there are methods known to a court of equity by which the suit may proceed for the benefit of the only person who is entitled to damages.

In *Renard* v. *Levinstein*, 2 Hem. & Mil. 628, before Vice Chancellor Page Wood, afterwards Lord Hatherly, an exclusive licensee brought suit to enjoin infringement by a stranger and made the patentees who were a foreign firm coplaintiffs. There was no objection to this action. No specific authority for this appeared, but it seems to have been implied from the relation of the exclusive licensee and the owner of the patent. It has some significance here in the fact that it was apparently referred to by Mr. Justice Gray, in *Waterman* v. *Mackenzie*, *supra*, as indicating what could be done in an English court of equity to enable the licensee to secure protection in the name of the owner of the patent.

In the case of *Brush Swan Electric Company* v. *Thompson & Houston*, 58 O. G. 807; 48 Fed. 124, the Brush Swan Company in Connecticut sued the Thompson-Houston Company in equity for infringing the former's rights as an exclusive licensee for the sale of a device made under a patent owned by the Brush Electric Company of Cleveland, Ohio. The Brush-Swan Company made the Brush Electric Company a coplaintiff. The Cleveland Company appeared for the purpose of asking that its name be stricken out as a party complainant, because the bill had been filed without its consent. The motion to strike out the coplaintiff's name was denied by Judge Shipman, on the ground that as the patent owner, being without the jurisdiction, could not be served with process, there would otherwise be absolute failure of justice. The judge said that prima facie there was an implied power in the exclusive licensee under such circumstances to make the patent owner a party plaintiff. The same conclusion was approved by the Ninth Circuit Court of Appeals in *Brush Electric Company* v. *California Electric Company*, 52 Fed. 945, before McKenna and Gilbert, circuit judges, and Knowles, the district judge, affirming the same case in 49 Fed. Rep. 73, and by the same court in *Excelsior Company* v. *Allen*, 104 Fed. 553, and in *Excelsior Company* v. *The City of Seattle*, 117 Fed. 140, 143, 144. In *Hurd* v. *Goold Co.*, 203 Fed. 998, before the Circuit Court of Appeals of the Second Circuit (Lacombe, Coxe and Noyes, judges), Hurd, who was the exclusive licensee, joined with himself two corporations who held the legal title to the patent. The corporations had been enjoined in the sixth circuit from maintaining suits for infringement. The second circuit court held that Hurd was entitled to present his licensors, that is the owners of the patent, as coplaintiffs, even against their will and in spite of their protests. This doctrine was approved by the same court in *Radio Corporation* v. *Emerson*, 296 Fed. 51, 54. See also *McKee Glass Co.* v. *Libbey Glass Co.*, 220 Fed. 672 (3d C. C. A.), affirming same, 216 Fed. 172; *Chisholm* v. *Johnson*, 106 Fed. 191, 212; *Owatonna Mfg. Co.* v. *Fargo*, 94 Fed. 519, 520.

It is objected to the relevancy of these authorities that not one of them actually presents the case here. In all of them it is said the owner or patentee was within the jurisdiction of the court and could be served, or else had come into the jurisdiction voluntarily to move for leave to withdraw as a party. As the court had the owner before it, and the owner was in duty bound to become a party, the court could prevent the withdrawal. Here the owner is not in the jurisdiction and does not come in. It is the defendant, the alleged infringer, which objects to using the name of the owner as plaintiff without its consent.

[5] We think the cases cited go beyond the defendant's interpretation of them and do hold that if there is no other way of securing justice to the exclusive licensee, the latter may make the owner without the jurisdiction a coplaintiff without his consent in the bill against the infringer. Equity will not "Suffer a wrong without a remedy." 1 Pomeroy's Equity Jurisprudence, 4th edition, sections 423, 424. While this maxim is of course not of universal application, it justifies the short step needed to hold that in an equity suit under section 4921, where otherwise justice to the exclusive licensee would fail, he may make the owner of the patent a coplaintiff in his bill under section 4921, in analogy to the remedy given him in an action on the case at law for damages under section 4919, for the two sections are plainly in pari materia.

In so doing, equity does no more than courts of law did, at one period in their history, as we have seen, in implying in the assignee of a chose in action, a power of attorney to maintain an action in the name of the assignor in order to assure to the assignee the benefits of his assignment. Where the assignor attempted to interfere with the exercise of the power of attorney by collection of the assignee's claim or where for any technical reason the remedy through the exercise of implied power of attorney was unavailable, equity intervened to lend its aid to the assignee and secure a recovery for his benefit. See *Lenox* v. *Roberts*, 2 Wheat. 373; *Hammond* v. *Messenger*, 9 Sim. 327; *Roberts* v. *Lloyd*, 1 DeG. & J. 208; *Hodge* v. *Cole*, 140 Mass. 116; *Hughes* v. *Nelson*, 29 N. J. Eq. 547; *Hayes* v. *Hayes*, 45 N. J. Eq. 461.

The objection by the defendant that the name of the owner of the patent is used as a plaintiff in this suit without authority is met by the obligation the owner is under to allow the use of his name and title to protect all lawful exclusive licensees and sublicensees against infringers, and by the application of the maxim that "Equity regards that as done which ought to be done." *Camp* v. *Boyd*, 229 U. S. 530, 559; *United States* v. *Colorado Anthracite Company*, 225 U. S. 219, 223; *Craig* v. *Leslie*, 3 Wheat. 563, 578. The Court should on these grounds refuse to strike out the name of the owner as coplaintiff put in the bill under proper averment by the exclusive licensee.

[6, 7] The owner beyond the reach of process may be made coplaintiff by the licensee, but not until after he has been requested to become such voluntarily. If he declines to take any part in the case, though he knows of its imminent pendency and of his obligation to join, he will be bound by the decree which follows. We think this result follows from the general principles of res judicata. In *American Bell Telephone Company* v. *National Telephone Company*, 27 Fed. 663, heard before Judges Pardee and Billings, the question was whether the National Telephone Company was bound by a decree in favor of the Bell Company for infringement against a Pittsburgh company claiming under a license from the National Company. The National Company under a contract upon notice to defend its license took control of the case but becoming dissatisfied with a preliminary ruling of the court withdrew its counsel and evidence from the case. The National Company was held bound on the authority of the case of *Robbins* v. *Chicago*, 4 Wall. 657. When Robbins was building a store in Chicago by an independent contractor, an areaway adjoining the street was left open. A passerby fell in and was injured. He sued the city and recovered judgment for $15,000. Robbins had been previously warned by the city of the danger of the unprotected area and had notice of the accident and of the pendency of the suit but did not become a party. The city then sued Robbins and was given a judgment against him for the amount of the recovery against the city. This court in sustaining the result held that parties bound by the judgment in such a case included all who were directly interested in the subject matter who had knowledge of the pendency of the suit and a right to take part therein, even if they refused or neglected to appear and avail themselves of this right. *Lovejoy* v. *Murray*, 3 Wall. 1, 19; *Plumb* v. *Goodnow*, 123 U. S. 560; *Robertson* v. *Hill*, 4 O. G. 132; 20 Fed. Cases, 944, case No. 11925; *Miller* v. *Liggett*, 19 O. G. 1138; 7 Fed. 91.

By a request to the patent owner to join as coplaintiff, by notice of the suit after refusal and the making of the owner a coplaintiff, he is given a full opportunity by taking part in the cause to protect himself against any abuse of the use of his name as plaintiff, while on the other hand the defendant charged with infringement will secure a decree saving him from multiplicity of suits for infringement. Of course a decree in such a case would constitute an estoppel of record against the patent owner if challenged only after evidence of the exclusive license, the request to join as coplaintiff and the notice of the suit.

There is nothing in the case of *Crown Company* v. *The Nye Tool Works*, 312 O. G. 400; 261 U. S. 24, which conflicts with this conclusion. That case was brought by the plaintiff, a licensee, to establish as a principle of patent practice that a transfer by an owner of a patent to another conferring only the right to sue a third for past and future infringements of the patent, without the right to make, use and vend the patented article, was an assignment of the patent under section 4898, Revised Statutes. We declined so to hold. There was no offer to make the owner of the patent a party, nor were there any facts showing that the owner would not joint as coplaintiff or was not in the jurisdiction. The appellant stood solely upon his right to sue as an assignee of the patent and was defeated.

We hold that the De Forest Company was properly joined as a coplaintiff by the Radio Corporation upon the 25th averment of the bill. This makes it unnecessary for us to consider the argument on behalf of the appellee that the American Telephone Company was the owner of the patent instead of the De Forest Company.

Decree affirmed.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

985,478, A. C. Van Houweling, Band cutter and feeder, bill dismissed for want of equity (notice dated Jan. 16, 1926), D. C., S. D. Iowa (Central Div.), Doc. E 4237, *Garden City Feeder Co.* v. *J. I. Case Threshing Machine Co.*

996,963, R. B. Benjamin, Electric-lamp cluster, suit filed Nov. 3, 1925, D. C., N. D. Ill. (E. Div.), Doc. 5280, *Benjamin Electric Mfg. Co.* v. *Atlantic Lamp Products, Inc.*

1,018,502, Just & Hanaman, Body for electric lamps; 1,082,933, W. D. Coolidge, Tungsten and method of making same for use as filaments of incandescent electric lamps, etc., final consent decree

sustaining patents and granting injunction Jan. 9, 1926, D. C., S. D. N. Y., Doc. E 34/219, *General Electric Co.* v. *Electrical & Engineering Corp.*

1,048,654, Re. 14,492, F. S. Carr, Stud and socket fastener; 1,300,572, same, Fastener; Re. 14,581, T. J. McMeekin, Curtain fastener; 1,365,023, M. F. Carr, Fastener, suit filed Nov. 16, 1925, D. C., N. D. Ill. (E. Div.), Doc. 5314, *Carr Fastener Co.* v. *The Belmor Mfg. Co. et al.*

1,076,617, W. M. White, Spiral casing, patent held valid but not infringed Jan. 6, 1926, D. C., N. D. Ga. (N. Div.), Doc. E 376, *Allis-Chalmers Mfg. Co., et al.* v. *Columbus Electric & Power Co.*

1,082,933. (See 1,018,502.)

1,127,660, J. H. McMichael, Method of and apparatus for transporting and treating concrete, appeal filed Jan. 15, 1926, C. C. A. (2d Cir.), Doc. 9057, *Concrete Mixing & Conveying Co.* v. *Ulen Contracting Corp.*

1,127,733, V. Clairemont, Preserving eggs; 1,224,710, same, Apparatus for treating eggs; 1,369,323, same, apparatus for preserving eggs; 1,370,628, same, process of and apparatus for preserving eggs, suit filed Jan. 5, 1926, D. C., N. D. Calif. (S. Div.), Doc. E 1622, *Clairemont Sterilized Egg Co.* v. *Kasser Egg Process Co.*

1,152,326, T. A. Lewis, Method of and apparatus for laying submarine pipe, appeal filed Jan. 5, 1926, C. C. A. (2d Cir.), Doc. 9034, *T. A Lewis* v. *Merritt, Chapman & Scott Corp.*

1,168,889, A. M. Knauber, Construction cleat, suit filed Nov. 19, 1925, D. C., N. D. Ill. (E. Div.), Doc. 5317, *A. M. Knauber* v. *Roach-Appleton Mfg. Co.*

1,198,246, G. A. Lyon, Buffer for motor vehicles, decree of district court reversed (notice dated Jan. 15, 1926), C. C. A. (2d Cir.), Doc. 8699, *G. A. Lyon et al.* v. *J. F. Boh, et al.*

1,213,884, G. E. Knowles, Ventilating device, suit filed Jan. 6, 1926, D. C., N. D. Ohio (E. Div.), Doc. 1702, *A. F. Knowles, et al.* (*Knowles Mushroom Ventilator Co.*) v. *The J. C. Boehm Co.*

1,222,358, H. E. Campbell, Metal window frame and sash, suit filed Nov. 17, 1925, D. C., N. D. Ill. (E. Div.), Doc. 5316, *Campbell Metal Window Corp.* v. *Truscon Steel Co.*

1,224,710. (See 1,127,733.)

1,245,449, E. Edelman, Syringe-hydrometer housing; 1,262,478, F. L. Freas, Hydrometer syringe. final consent decree sustaining patents and granting injunction Jan. 6, 1926, D. C., S. D. N. Y., Doc. E 34/299, *E. Edelman & Co., Inc.* v. *Biltrite Motor Equipment Co., Inc., et al.* Same, order dismissing bill (notice dated Jan. 7, 1926), D. C., S. D. N. Y., Doc. E 34/330, *E. Edelman & Co., Inc.* v. *Tres-trite Instrument Co.*

1,259,237, J. Hotchner, Illuminated sign, suit filed Jan. 9, 1926, D. C., N. D. Calif. (S. Div.), Doc. E 1623, *J. Hotchner* v. *M. Birnbaum et al.* (*Standard Electric Sign Co.*).

1,262,478. (See 1,245,449.)

1,271,527, M. C. Hopkins, Sound-regenerating machine; 1,271,529, same. Acoustic device, suit filed Jan. 5, 1926, D. C., S. D. N. Y., Doc. E 35/106, *Lektophone Corp.* v. *Leaf Burkhard Radio Electric Corp.* Same, suit filed Jan. 6, 1926, D. C., S. D. Ohio (W. Div.), *Lektophone Corp.* v. *Crosley Radio Corp.*

1,271,527 (*a*), M. C. Hopkins, Sound-regenerating machine, suit filed Jan. 5, 1926, D. C., S. D. N. Y., Doc. E 35/105, *Lektophone Corp.* v. *Superola Radio Corp.*

1,271,529. (See 1,271,527.)

1,272,883, H. Adelmann, Ham boiler, suit filed Jan. 4, 1926, D. C. Colo., Doc. 8036, *The Ham Boiler Corp.* v. *The Liberty Packing & Provision Co. et al.*

1,300,572. (See 1,048,654.)

1,307,733, A. V. Gullborg, Lubricating apparatus; 1,307,734, same, Lubricating means, suit filed Dec. 8, 1925, D. C., N. D. Okla., Doc. E 105, *The Bassick Mfg. Co.* v. *W. H. Haynes et al.* (*Haynes Patrick Auto Supply Co.*). Same, suit filed Jan. 4, 1925, D. C., W. D. Okla. (Guthrie), Doc. E 764, *The Bassick Mfg. Co.* v. *Mee-Oakes Co.* Final consent decree Jan. 4, 1926, perpetual injunction.

1,307,734. (See 1,307,733.)

1,362,856, Drake & Vandeveer, Windshield mirror, order dismissing bill Jan. 6, 1926, D. C., S. D. N. Y., Doc. E 2 29/100, *The Benzer Corp.* v. *L. Dresner, et al.* (*Bronx Electro Plating Co.*)

1,365,023. (See 1,048,654.)

1,369,323. (See 1,127,733.)

1,370,628. (See 1,127,733.)

1,401,942, Benzer & Benzer, Side wind deflector, suit filed Mar. 9, 1922, D. C., S. D. N. Y., Doc. E 23/189, *The Benzer Corp.* v. *L. Dresner et al.* (*Bronx Electro Plating Co.*). Bill dismissed Jan. 6, 1926.

1,429,201, W. S. Gubelmann, Adding and recording machine, appeal filed Jan. 5, 1926, C. C. A. (2d Cir.), Doc. 9031, *Remington Cash Register et al.* v. *The National Cash Register Co.*

1,450,080, L. A. Hazeltine, Method and electric-circuit arrangement for neutralizing capacity coupling, consent decree sustaining patent and granting injunction Jan. 9, 1926, D. C., S. D. N. Y., Doc. E 28/343, *Hazeltine Research Corp. et al.* v. *H. M. Schwab* (*Radio Shack*).

1,462,403, J. F. White, Automobile radiator attachment, suit filed Nov. 23, 1925, D. C., N. D. Ill., (E Div.), Doc. 5319, *White Products Co.* v. *General Automotive Corp. et al.*

1,503,546, A. W. C. Menzies, Method and apparatus for obtaining repeated movement of a liquid and its vapor, suit filed Nov. 13, 1925, D. C. N. D. Ill. (E. Div.), Doc. 5306, *A. W. C. Menzies et al.* v. *B. Goodwin* (*The World's Sports Publishing Co.*).

1,519,540, W. P. Hammond, Rear bumper for automobiles, suit filed Jan. 13, 1926, D. C., S. D. N. Y., Doc. E 35/133, *W. P. Hammond* v. *The C. G. Spring & Bumper Co. of New York et al.*

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 2, 1926.

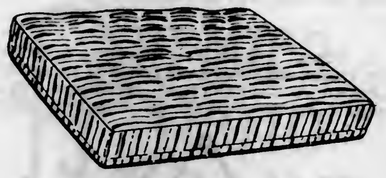
[VOL. 344. No. 1.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 183,935. (CLASS 32. FURNITURE AND UPHOLSTERY.) MYRTLE MATTRESS COMPANY, Brooklyn, N. Y. Filed Aug. 1, 1923.



BEST FOR THE WORLD'S REST

Applicant disclaims the representation of a mattress except as associated with the other features of its mark.

Particular description of goods.—Mattresses, Pillows, and Box Springs.

Claims use since on or about June 1, 1923.

Ser. No. 188,527. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BROGDEX COMPANY, Winter Haven, Fla., and Los Angeles, Calif. Filed Nov. 19, 1923.

BROGDEX

Particular description of goods.—Protective Compositions for Treating Fruit Comprising a Waxy Material Such as Paraffin and an Oily Vehicle.

Claims use since on or about Oct. 1, 1921.

Ser. No. 188,629. (CLASS 39. CLOTHING.) THE HOWARD A. GEIGER COMPANY, Cleveland, Ohio. Filed Nov. 21, 1923.

Dan D. Dresser Says—



Particular description of goods.—Work, Dress, Negligee, Night, and Under Shirts, Pyjamas and Union Suits, Collars, Neckties, Woven and Knitted Hosiery, Sweaters, Men's Hats and Caps, Garters, Suspenders, Gloves of Leather, Rubber, Textile Fabrics and Combinations Thereof; Mittens Composed of Leather, Fabrics, Rubber and Combinations Thereof; Smoking Jackets, Bathrobes, Scarfs, Football and Basketball Uniforms, Gymnasium Suits, Including Pants, Shirts, and Accessories Such as Belts.

Claims use since Oct. 1, 1922.

Ser. No. 192,212. (CLASS 39. CLOTHING.) ELDER MANUFACTURING COMPANY, St. Louis, Mo. Filed Feb. 13, 1924.

SKOOKUM

Particular description of goods.—Flannel, Wool, Work, and Dress Shirts.

Claims use since Jan. 2, 1924.

Ser. No. 192,655. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILSON-HUGHES DRUG CO. INC., Memphis, Tenn. Filed Feb. 21, 1924.

EUREKA

Particular description of goods.—Medicinal Preparation for the Treatment of Diseases of the Kidneys.
Claims use since about 1895.

Ser. No. 194,593. (CLASS 39. CLOTHING.) ELDER MFG. CO., St. Louis, Mo. Filed Mar. 28, 1924.

ATLAS

Particular description of goods.—Men's and Boys' Dress, Negligee, and Work Shirts; Men's and Boys' Undershirts of Textile Material, and Boys' and Children's Blouses, Play Suits, Flapper Suits, and Wash Suits.
Claims use since Dec. 1, 1923.

Ser. No. 196,041. (CLASS 12. CONSTRUCTION MATERIALS.) THE WHITNEY COMPANY, Detroit, Mich., and Garibaldi, Oreg. Filed Apr. 23, 1924.

GREEN TIED

Particular description of goods.—Bundled Lumber, Including Flooring, Siding, Ceiling, Lath, Molding, Finish, and Door Stock.
Claims use since Feb. 1, 1924.

Ser. No. 198,512. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE ELECTRIC RAILWAY EQUIPMENT COMPANY, Cincinnati, Ohio. Filed June 13, 1924.



Particular description of goods.—Electric Trolley Line Materials—Namely, Tubular Poles, Ornamental Lighting Poles, Lamp Standards, Lighting Brackets, Cross Arms, Cross-Arm Supports, Pole Tops, Pole Bases, Pole Steps, Insulator Pins, Pole Bands, Flexible and Rigid Trolley Brackets, Fittings for Trolley Brackets, Insulated and Noninsulated Trolley Hangers, Strain Plates, Feed-In Hangers, Straight-Line Suspensions, Single Curve Suspensions, Double Curve Suspensions, Horizontal and Combination Pipe Adapters for Supporting Trolley Hangers, Extension Adapters for Trolley Hangers, I-Beam Clamps for Attaching Trolley Hangers to I-Beams, Trolley Clamps, Feeder Clamps, Double Strain Clamps, Trolley Ears, Strain Ears, Splicing Ears, Trolley-Wire Splicers, Splicing Tubes, Feed-Wire Splicers, Two-Way Semisplit and Split T Connectors, Section Insulators, Trolley Frogs, Noninsulated and Insulated Cross-Overs, Mine Feeder-Wire Insulators, Mine Feeder Suspensions, Feeder-Wire-Supporting Clamps, Trolley-Wheel Bushings, Trolley wheels, Trolley Harps, Knife Switches, Insulators, Strain Insulators, Insulated Turnbuckles, Wedge Grips, Armored Suspension Insulators, and Bonding Sleeves.
Claims use since Nov. 28, 1922.

Ser. No. 202,079. (CLASS 39. CLOTHING.) GUSTAV J. REQUARDT, Baltimore, Md. Filed Aug. 30, 1924.

RECORD
RUNNING SUITS

No claim is made herein to the words "Running Suits" apart from the mark shown in the drawing.
Particular description of goods.—Knitted and Textile Underwear.
Claims use since July 1, 1924.

Ser. No. 202,142. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) PITTSBURG WATER HEATER COMPANY, Pittsburgh, Pa. Filed Sept. 2, 1924.



Particular description of goods.—Gas Hot-Water Heaters and Gas-Hot-Water-Storage Systems.
Claims use since Mar. 1, 1924.

Ser. No. 202,925. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CAST-O-JELL CHEMICAL COMPANY, San Francisco, Calif. Filed Sept. 23, 1924.

CAST-O-JELL

Particular description of goods.—Cathartic Preparation.
Claims use since July 10, 1924.

Ser. No. 203,774. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE A. B. C. STORES, INCORPORATED, Houston, Galveston, and Beaumont, Tex. Filed Oct. 13, 1924.

A
B C

Particular description of goods.—Eggs and Coffee.
Claims use since July, 1919.

Ser. No. 203,908. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) JAMES V. SMITH, doing business as Premier Photo Plays, New York, N. Y. Filed Oct. 15, 1924.

PREMIER
PHOTO
PLAYS

No claim is made for the words "Photo Plays" and the said words are disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Photographic Film and Announcement Slides for Projector Machines.
Claims use since January, 1924.

Ser. No. 205,071. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE KLEARFLAX LINEN LOOMS, INC., Duluth, Minn. Filed Nov. 10, 1924.

KLEARFLAX Picwick Rugs

No claim is made to the exclusive use of the word "Rugs."
Particular description of goods.—Rugs and Carpets of Textile Material.
Claims use since Sept. 15, 1924.

Ser. No. 205,925. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) APOLLO RADIO HORN COMPANY, Chicago, Ill. Filed Nov. 28, 1924.

APOLLO

Particular description of goods.—Sound-Amplifying Devices Known as Loud Speakers for Use With Radio Receiving sets.
Claims use since Feb. 1, 1924.

Ser. No. 205,995. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) DENZER & NATHAN, INC., New York, N. Y. Filed Nov. 29, 1924.

NONEFASTER



"As Fast as Dey Make Em."

The picture is fanciful.
Particular description of goods.—Cotton Piece Goods.
Claims use since Nov. 24, 1924.

Ser. No. 206,509. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BERSTED MANUFACTURING COMPANY, Chicago, Ill. Filed Dec. 10, 1924.

LIGHTNING

Particular description of goods.—Electrically-Heated Flatirons, Waffle Molds, and Toasters.
Claims use since Oct. 1, 1924.

Ser. No. 206,530. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE KLEARFLAX LINEN LOOMS, INC., Duluth, Minn. Filed Dec. 10, 1924.

KLEARFLAX ANTUFT RUGS

No claim is made to the exclusive use of the word "Rugs."

Particular description of goods.—Rugs and Carpets of Textile Fabrics.

Claims use since Aug. 19, 1924.

Ser. No. 206,543. (CLASS 12. CONSTRUCTION MATERIALS.) SAFFERT CEMENT CONSTRUCTION COMPANY, New Ulm, Minn. Filed Dec. 10, 1924.

ARTSTONE

Particular description of goods.—Artificial-Stone Products—Namely, Building Blocks, Door and Window Frames, Piping, and Molded Ornamental Concrete Articles.

Claims use since Aug. 1, 1923.

Ser. No. 206,670. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KELLOGG COMPANY, Battle Creek, Mich. Filed Dec. 13, 1924.

NEW OATA

Particular description of goods.—Prepared Food, Consisting of a Combination of Oats and Bran.

Claims use since Nov. 21, 1924.

Ser. No. 206,967. (CLASS 39. CLOTHING.) GIRL SCOUTS, New York, N. Y. Filed Dec. 19, 1924.

GIRL SCOUTS

Particular description of goods.—Belts and Scarfs for Personal Wear, Shoulder Straps, Chevrons, Arm Bands, Lapels, Ponchos, Sweaters, Blouses, Bloomers, Skirts, Stockings, Raincoats, Rain Capes, Suits and Coats for Women and Girls, and Shoes of Leather, Rubber, Fabric, and Combinations Thereof.

Claims use since April, 1921, on belts, blouses, bloomers, skirts, suits, and coats; on sweaters and shoes since November, 1922; on stockings since April, 1923; and on shoulder straps, chevrons, arm bands, ponchos, raincoats, rain capes, and uniform make up sets since November, 1924.

Ser. No. 206,976. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE E. RAUH AND SONS COMPANY, Dayton, Ohio. Filed Dec. 19, 1924.

ECONOMY

Particular description of goods.—Fatty Acids Such as Made from Linseed Oil, Corn Oil, and Soy-Bean Oil, Greases and Tallow.

Claims use since November, 1923.

Ser. No. 207,164. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN BEVERAGE & CANDY CO., also doing business as A. B. C. Candy Co., Tacoma, Wash. Filed Dec. 24, 1924.

SHENANDOA

Particular description of goods.—Candy Bars.

Claims use since Nov. 1, 1924.

Ser. No. 207,352. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) CARL H. HARTMANN, New York, N. Y. Filed Dec. 29, 1924.

ASTMOLATOR

Particular description of goods.—Atomizers.

Claims use since Oct. 2, 1924.

Ser. No. 207,475. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGIA GEORGE ROLOFF, San Francisco, Calif. Filed Dec. 30, 1924.

Georgia George

The name "Georgia George" is a facsimile signature of the applicant.

Particular description of goods.—Scalp and Hair Shampoo.

Claims use since July, 1911.

Ser. No. 207,609. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BEACON MANUFACTURING COMPANY, New Bedford, Mass., and Providence, R. I. Filed Jan. 3, 1925.

Rainbow

The trade-mark consists of the word "Rainbow."

Particular description of goods.—Cotton Blankets.

Claims use since Nov. 28, 1922.

Ser. No. 208,005. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) CECIL DEARDEN NIXON, London, England. Filed Jan. 12, 1925.

MET-A-LACE

Particular description of goods.—Metal Fasteners for Footwear, Leggings, and Gaiters.

Claims use since Feb. 18, 1921.

Ser. No. 208,291. (CLASS 17. TOBACCO PRODUCTS.) E. GOSS & COMPANY, San Francisco, Calif. Filed Jan. 19, 1925.



The representation of a male figure shown in the drawing is a fanciful creation of the artist.

Particular description of goods.—Cigars.

Claims use since Mar. 1, 1904.

Ser. No. 208,311. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) PLOUGH CHEMICAL COMPANY, Memphis, Tenn. Filed Jan. 19, 1925.

BLACK AND WHITE

Particular description of goods.—Toothbrushes.

Claims use since March, 1924.

Ser. No. 208,700. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) B. EDMUND DAVID, INC., New York, N. Y. Filed Jan. 27, 1925.

(David's) MELLOW FAILLE

No registration rights are claimed in the word "(David's)" except in association with the other features of the mark.

Particular description of goods.—All-Silk Woven Cloth in the Piece.

Claims use since Dec. 1, 1924.

Ser. No. 209,091. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LANGENDORF BAKING COMPANY, San Francisco, Calif. Filed Feb. 4, 1925.

ROYAL

Particular description of goods.—Bread.

Claims use since January, 1921.

Ser. No. 209,269. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN BAALMANN, doing business as Baljon Co., San Francisco, Calif. Filed Feb. 9, 1925.



Particular description of goods.—Cold Cream, Cleansing Cream, Face Powder, and Rouge.

Claims use since Jan. 5, 1925.

Ser. No. 210,593. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) MAY WATERSON, doing business as The Sportrola Phonograph Manufacturing Company, New York, N. Y. Filed Mar. 5, 1925.

The SPORTROLA PHONOGRAPH MANUFACTURING CO.

Particular description of goods.—Phonographs.

Claims use since Dec. 9, 1923.

Ser. No. 210,982. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PLANKINTON PACKING COMPANY, Milwaukee, Wis. Filed Mar. 13, 1925.

BADGER Brand

No claim is made to the word "Brand" apart from the mark as shown in the drawing.

Particular description of goods.—Fresh and Cold-Storage Eggs.

Claims use since September, 1914.

Ser. No. 211,216. (CLASS 39. CLOTHING.) LEVI STRAUSS & Co., San Francisco, Calif. Filed Mar. 18, 1925.

SUNSET

Particular description of goods.—Jumper Shirts, Blouse Shirts, Dress Shirts, Negligee Shirts, Work Shirts, Overalls, Pants, Sweaters, Pyjamas, Night Shirts and Underwear of Knitted and Textile Fabric for Men, Women, and Children.
Claims use since Jan. 1, 1897.

Ser. No. 211,688. (CLASS 32. FURNITURE AND UPHOLSTERY.) LIBRARY BUREAU, Cambridge, Mass. Filed Mar. 26, 1925.

LB

Particular description of goods.—Filing Cabinets, Followers and Bases Therefor; Bookcases, Cupboards, Stands, Desks, Household or Office Tables and Chairs.
Claims use since 1890.

Ser. No. 212,022. (CLASS 39. CLOTHING.) THE NU BONE CORSET COMPANY, Los Angeles, Calif. Filed Apr. 1, 1925.

"CORSET-LESS" CORSET

The mark consists of the word "Corset-less" and the exclusive right to the use of the word "Corset" is disclaimed.
Particular description of goods.—Ladies' Corsets.
Claims use since Feb. 1, 1923.

Ser. No. 212,397. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SCOTT H. PERRY, Batavia, N. Y. Filed Apr. 8, 1925.

TORRIDGE

Particular description of goods.—Breakfast Food.
Claims use since Feb. 26, 1925.

Ser. No. 212,398. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE PIERCE-ARROW MOTOR CAR COMPANY, Buffalo, N. Y. Filed Apr. 8, 1925.

PIERCE

Particular description of goods.—Pedal Pad.
Claims use since about 1903.

Ser. No. 212,400. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) THE PIERCE-ARROW MOTOR CAR COMPANY, Buffalo, N. Y. Filed Apr. 8, 1925.

PIERCE

Particular description of goods.—Foot Mats Made of Rubber Products and Fabrics.
Claims use since about 1903.

Ser. No. 212,547. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALMIRA ETTA FERGUSON, doing business as J. E. Ferguson, Hood River, Oreg. Filed Apr. 11, 1925.

Checker

Particular description of goods.—Fresh Apples.
Claims use since Sept. 1, 1922.

Ser. No. 213,152. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE UNIVERSAL CRANE COMPANY, Elyria, Ohio. Filed Apr. 22, 1925.

UNIVERSAL

Particular description of goods.—Mobile Power Shovels and Cranes.
Claims use since July 20, 1920.

Ser. No. 213,352. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE AMERICAN STEEL AND WIRE COMPANY OF NEW JERSEY, Cleveland, Ohio; Chicago, Ill.; Pittsburgh, Pa.; New York, N. Y.; and Worcester, Mass. Filed Apr. 27, 1925.

IDEAL

Particular description of goods.—Metal Fence Posts.
Claims use since about Apr. 12, 1925.

Ser. No. 213,759. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) ACME WHITE LEAD & COLOR WORKS, Hamtramck, Mich. Filed May 4, 1925.

PROXLIN

Particular description of goods.—Paint Enamels, Paint and Varnish Thinners, and Lacquers.
Claims use since Jan. 28, 1925.

Ser. No. 213,794. (CLASS 39. CLOTHING.) MASSACHUSETTS KNITTING MILLS, Boston, Mass. Filed May 4, 1925.



No claim is made to the word "Toestrong" apart from the mark shown.
Particular description of goods.—Hosiery.
Claims use since May 1, 1924.

Ser. No. 214,249. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) M. HOHNER, INC., New York, N. Y. Filed May 13, 1925.

RED WING

The lines on the letters indicate shading only.
Particular description of goods.—Mouth Harmonicas.
Claims use since October, 1924.

Ser. No. 214,323. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JABURG BROS. INC., New York, N. Y., Filed May 14, 1925.

JUSTIT

Particular description of goods.—Canned Vegetables, Canned Fruit, Canned Fish, Catchup, Fruit Preserves, Pie Fillers, Cake Fillers, Dried Fruit, and Cocoa Preparation Consisting of a Combination of Cocoa and Other Ingredients Which Mixed with Water and Boiled Will Produce Chocolate Pudding and Desserts as Well as Chocolate Pie Filling, and Mincemeat.
Claims use since about February, 1910.

Ser. No. 214,534. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) M. R. DEAN, Courtland, Calif. Filed May 19, 1925.

IDEAL

Particular description of goods.—Fresh Deciduous Fruits.
Claims use since 1905.

Ser. No. 214,868. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) HOTCHKISS STEEL PRODUCTS CO., INC., Binghamton, N. Y. Filed May 25, 1925.

"E-Z" FORM

The word "Form" is hereby disclaimed apart from the mark shown.
Particular description of goods.—Steel Forms for Concrete Construction Work.
Claims use since May 20, 1925.

Ser. No. 215,074. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) LOS ANGELES ICE & COLD STORAGE CO., Los Angeles, Calif. Filed May 29, 1925.

"PURITAS"

Particular description of goods.—Distilled Water.
Claims use since 1895.

Ser. No. 215,479. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE PLEE-ZING CORPORATION, New York, N. Y., and Savannah, Ga. Filed June 8, 1925.

PLEE-ZING

Particular description of goods.—Toothpicks.
Claims use since February, 1925.

Ser. No. 215,600. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SUN CHEMICAL CO., Oakland, Calif. Filed June 10, 1925.



All wording appearing on the drawing, with the exception of the word "Sulphogen," is disclaimed apart from the mark as shown.
Particular description of goods.—Medicines and Chemical Treatment Material for Pyorrhea.
Claims use since May 1, 1925.

Ser. No. 215,976. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE J. B. FORD COMPANY, Wyandotte, Mich. Filed June 18, 1925.



WYANDOTTE

Particular description of goods.—Paint and Enamel Remover.
Claims use since Jan. 1, 1919.

Ser. No. 216,155. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOSEPH DI SANTO, doing business as Di Santo & Company, Duluth, Minn. Filed June 22, 1925.

SAN CARLO

Particular description of goods.—Macaroni, Tomato Paste, Canned Tomatoes, Canned Fruits and Vegetables, and Malt Sirup for Food Purposes.
Claims use since June 17, 1925.

Ser. No. 216,169. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE GENDRON WHEEL CO., Toledo, Ohio. Filed June 22, 1925.

Pioneer

Particular description of goods.—Juvenile, Iron, Wood, and All-Steel Coaster and Express Wagons, Cars, Automobiles, Velocipedes, Tricycles, Bikes, Scooters, Tot-Walkers, and Barrows.
Claims use since Jan. 28, 1904.

Ser. No. 216,174. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GOULD CREAM COMPANY, Minneapolis, Minn. Filed June 22, 1925.

SNOW-DRIFT

Particular description of goods.—Skim-Milk Powder.
Claims use since Nov. 22, 1915.

Ser. No. 216,215. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) RED SPOT PAINT & VARNISH COMPANY, INCORPORATED, Evansville, Ind. Filed June 22, 1925.

SPOT LAC

Particular description of goods.—Paint Enamels, Dried, Paste, and Ready-Mixed Paint and Finishing Materials—Namely, Paints, Enamels, and Varnishes for all Kinds of Finishing Purposes.
Claims use since Mar. 12, 1914.

Ser. No. 216,386. (CLASS 39. CLOTHING.) FRANKLIN SIMON & CO. INC., New York, N. Y. Filed June 25, 1925.

JUMBO

Particular description of goods.—Men's and Boys' Furnishings, Undergarments, and Clothing—Namely, House Coats, Waistcoats, Bath Robes, Smoking Robes, Smoking Jackets, Pyjamas, Nightshirts, Bathing Suits, Swimming Suits, Dressing Gowns, Mufflers, Collars, Gloves, Overcoats, Raincoats, Dress Suits, Golf Suits, Hunting Suits, Riding Suits, Tuxedo Suits, Walking Suits, Sack Suits, Hats and Caps Made Out of Textile Material; and Gloves, Mufflers, Bathing Suits, Swimming Suits, Hats and Caps Made Out of Knitted Material; and for Women's, Girls', and Misses' Furnishings, Undergarments, and Clothing—Namely, Dresses, Corsets, Tailored Suits, Walking Suits, Sport Suits, Golf Suits, Riding Suits, Negligees, Skirts, Nightgowns, Petticoats, Collars, Cravats, Scarfs, Ties and Mufflers, Gloves, Bodices, Bath Robes, Shirt Waists, Bathing Suits, Dressing Gowns, Mufflers, Raincoats, Sport Coats, Hats, Caps, and Coats Made Out of Textile Material; and Dresses, Corsets, Tailored Suits, Walking Suits, Sport Suits, Negligees, Golf Suits, Riding Suits, Skirts, Nightgowns, Collars, Cravats, Scarfs, Ties and Mufflers, Gloves, Bodices, Bath Robes, Shirt Waists, Bathing Suits, Dressing Gowns, Mufflers, Hats, and Caps Made Out of Knitted Material; and for Men's, Women's, Boys', and Girls' Shoes, Boots, Slippers, Leggings, Puttees Made Out of Leather, Rubber, Canvas, Buckskin, or Linen or Compositions of Said Materials.
Claims use since June 5, 1925.

Ser. No. 216,587. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) C. BRUNO & SON, INC., New York, N. Y. Filed June 29, 1925.

WIZARD

Particular description of goods.—Ukuleles, Banjos, Mandolins, Guitars, and Banjo Ukuleles.
Claims use since June 16, 1925.

Ser. No. 216,597. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WALTER HADDON, London, England. Filed June 29, 1925.

TUNGSTONE

Particular description of goods.—Electric Accumulators, and Accumulator Boxes.
Claims use since Dec. 7, 1923.

Ser. No. 216,631. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) NEW YORK & PENNSYLVANIA CLAY PRODUCTS CO., Rochester, N. Y. Filed June 29, 1925.

REVIVO BOND

No claim is made herein to the exclusive use of the word "Bond" apart from the mark shown.
Particular description of goods.—Blending Clays to Mix with Molding Sand for the Purpose of Renewing Its Usefulness.
Claims use since Oct. 15, 1924.

Ser. No. 216,688. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) NEW ENGLAND BREWING CO., doing business as Suffolk Brewing Company, Boston, Mass. Filed June 30, 1925.

DOUBLE DIAMOND

Particular description of goods.—Cereal Malt Beverage.
Claims use since July 1, 1918.

Ser. No. 216,691. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE PAYSON VARNISH CO., New York, N. Y. Filed June 30, 1925.

TIP-TOP

The letters composing the mark are lined to represent the color red.
Particular description of goods.—Paint and Varnish Remover.
Claims use since Mar. 1, 1916.

Ser. No. 217,054. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES ELMER TAYLOR, El Dorado, Ark. Filed July 8, 1925.



The picture forming a feature of the mark is fanciful. "Wheat and Oats" are disclaimed apart from the mark as shown on the drawing.
Particular description of goods.—Flour Composed of Oats and Wheat.
Claims use since Apr. 20, 1925.

Ser. No. 217,289. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) PEDOX PRODUX, INC., New York, N. Y. Filed July 13, 1925.

PEDOX

Particular description of goods.—Silk, Glazed, and Mercerized Shoe Laces, Shoe Ribbons, and Shoe Buckles Used as Shoe Fasteners.
Claims use since about Oct. 1, 1924.

Ser. No. 217,793. (CLASS 12. CONSTRUCTION MATERIALS.) MADE-RITE PRODUCTS CO., St. Louis, Mo. Filed July 23, 1925.

DURO-TREAD

Particular description of goods.—Portland Cement Base Flooring Material.
Claims use since about Mar. 1, 1925.

Ser. No. 217,853. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) THE BASTIAN-BLESSING COMPANY, Chicago, Ill. Filed July 25, 1925.

REGO

Particular description of goods.—Equipment for Welding, Cutting, Brazing, Soldering, Lead Burning and Carbon Burning and Parts Thereof—Namely, Soldering and Brazing Torches, Carbon Burning Torches and Torch Tips, Spark Lighters, Cutting-Torch Guides, Gauge Plugs, and Inlets and Outlets, Air-Blast Burners, Kerosene Burners and Hand-Pump Generator Burners for Preheating and Other Uses; Charging Manifolds, Including Valves, Cylinder Connections, Purging Bottles, Cylinder Valves, Needle Valves, Tank Valves, Fuel-Gas Regulators, Twin Regulators, Six-Inch Regulators, Master Regulators, Single and Multiple Gauge Regulators, Manifolds, Wall, Tripod, and Self-Supporting Manifolds; Acetylene-Gas Generators, Adapters; and Welding, Cutting, Brazing, Soldering, and Lead-Burning and Carbon-Burning Outfits and Equipment Comprising Combinations of Torches and Parts in Assortments for Different Uses.
Claims use since June, 1918.

Ser. No. 217,947. (CLASS 39. CLOTHING.) MIASKY & LEWIS, New York, N. Y. Filed July 27, 1925.

NEWCHESTER

Trade-mark consists of the word "Newchester."
Particular description of goods.—Children's Wearing Apparel, and Particularly Children's Coats.
Claims use since May 25, 1925.

Ser. No. 217,962. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) REICHMANN COMPANY, Chicago, Ill. Filed July 27, 1925.

Islodyne

Particular description of goods.—Radio Receiving Sets, Loud Speakers, Antennæ, Transformers, Induction Coils, Tube Sockets, Resistance Units, Rheostats, Condensers and Loading Coils, Choke Coils, Inductances, and Resistance Devices, Inductive and Noninductive.
Claims use since about Mar. 1, 1925.

Ser. No. 218,002. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES V. COWAN, Sacramento, Calif. Filed July 28, 1925.

KANNIBAL KAKE

No claim is made to the word "Cake" apart from the mark shown.
Particular description of goods.—Sandwiches.
Claims use since July 1, 1925.

Ser. No. 218,271. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PANGBURN COMPANY, Fort Worth, Tex. Filed Aug. 1, 1925.



Particular description of goods.—Ice Creams and Sherbets.
Claims use since May 1, 1923.

Ser. No. 218,589. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) ALLEN AND COURTNEY OIL TOOL COMPANY, Compton, Calif. Filed Aug. 10, 1925.

ALCO

Particular description of goods.—Core Drills, Disk-Bit Shanks, Casing Heads, Flow Beams, Oil-Well Bits, Oil-Well Swabs, Fishtail Bits, and Oil-Well Reamers.
Claims use since Feb. 1, 1924.

Ser. No. 218,637. (CLASS 39. CLOTHING.) CARRIE A. HALL, Leavenworth, Kans. Filed Aug. 10, 1925.

BARBARA BAYNE

The name "Barbara Bayne" is disclaimed.
Particular description of goods.—Dresses.
Claims use since Mar. 15, 1925.

Ser. No. 218,669. (CLASS 17. TOBACCO PRODUCTS.) SCHLOSS & KAHN GROCERY CO., Montgomery, Ala. Filed Aug. 10, 1925.

SUNDAY DINNER

Particular description of goods.—Cigars.
Claims use since June, 1922.

Ser. No. 218,707. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) OSCAR LION, doing business as Lion and Company, New York, N. Y. Filed Aug. 11, 1925.

Elephant Gauze



Moisture Proofed By The Allenosgo Process

No claim is made to the exclusive use of the words "Gauze Moisture Proofed by the Allenosgo Process."
Particular description of goods.—Gauze Ribbon for Securing Bouquets of Flowers.
Claims use since June 25, 1925.

Ser. No. 218,731. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HERBERT E. BUCKLEN CORPORATION, Elkhart, Ind. Filed Aug. 12, 1925.

HEBCO

Particular description of goods.—Wind Turbines.
Claims use since May 1, 1924.

Ser. No. 219,064. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) SANFORD JOHNSON DALZELLE, doing business as Dalpo Products Company, Baltimore, Md. Filed Aug. 19, 1925.

DALPO

Particular description of goods.—Tire Enamel, Floor Oil, and Aluminum Bronze, Auto and Furniture Wax Polish, and Floor Wax and Polish.
Claims use since Jan. 15, 1925.

Ser. No. 219,131. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MILLS & GIBB CORP., New York, N. Y. Filed Aug. 20, 1925.

Ray-de-Chine

No claim is made to the exclusive use of the word "Chine" apart from the mark as shown in the drawing. The mark consists of the word "Ray-de-Chine."
Particular description of goods.—Cotton and Cotton and Artificial-Silk Piece Goods.
Claims use since Apr. 15, 1925.

Ser. No. 219,214. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WESTINGHOUSE ELECTRIC AND MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed Aug. 21, 1925.

SOLAR GLOW

Particular description of goods.—Electric Air Heaters.
Claims use since Feb. 8, 1924.

Ser. No. 219,293. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MANHATTAN WHOLESALE GROCERY COMPANY, INC., Providence, R. I. Filed Aug. 24, 1925.

Pilgrim

The trade-mark consists of the word "Pilgrim."
Particular description of goods.—Canned Vegetables, Canned Fruits, Olives, Fruit and Vegetable Preserves, Catchup, Canned Fish, Spices, Vinegar, Salad Dressing, Peanut Butter, Horse-Radish, Macaroni, Pickles, and Honey; Canned Shellfish, Table Oils, Table Sirups, and Chili Sauce.
Claims use since June 25, 1925.

Ser. No. 219,337. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) G. & G. KYNOCH, LIMITED, London, England, and Keith, Scotland. Filed Aug. 25, 1925.

ISLA-TEX

Particular description of goods.—Cloths and Stuffs of Wool, Worsted, and Hair.
Claims use since about July 1, 1925.

Ser. No. 219,368. (CLASS 32. FURNITURE AND UPHOLSTERY.) CHARLES S. BEARDSLEY, doing business as Anglvox Radio Corporation, East Cleveland, Ohio. Filed Aug. 26, 1925.

Anglvox

Particular description of goods.—Radio Cabinets, Castings, Containers, Tables and Supports.
Claims use since about June 15, 1925.

Ser. No. 219,569. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AMERICAN BOSCH MAGNETO CORPORATION, Springfield, Mass. Filed Aug. 31, 1925.



Particular description of goods.—Radio Apparatus, Comprising Radio Receiving Sets, Loud Speakers, Alternating-Current Rectifiers, and Electrical Filters for Battery Eliminators, and Parts Thereof.
Claims use since Jan. 22, 1925.

Ser. No. 219,645. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) RADIO EQUIPMENT COMPANY, East Cleveland, Ohio. Filed Sept. 1, 1925.

HETRAD

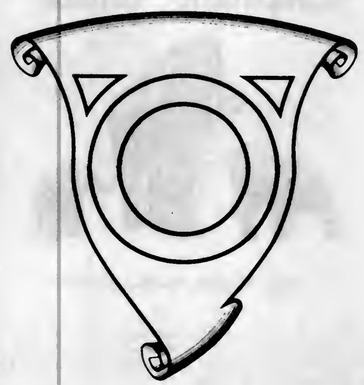
Particular description of goods.—Adapter Units for Radio Receiving Sets for Converting a Receiving Set Into a Superheterodyne.
Claims use since about Aug. 15, 1925.

Ser. No. 219,665. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) OSCAR V. GREENE, doing business as Greene Gas Cleaner Company, Cleveland, Ohio. Filed Sept. 2, 1925.



Particular description of goods.—Air and Gas Filters for Use on Internal-Combustion Engines and Air Compressors.
Claims use since on or about Dec. 17, 1924.

Ser. No. 219,683. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE POLLY PORTABLE PHONOGRAPH CO., INC., New York, N. Y. Filed Sept. 2, 1925.



Particular description of goods.—Musical Instruments and Supplies, Specifically Phonographs and Parts Thereof.
Claims use since Aug. 12, 1925.

Ser. No. 219,684. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE POLLY PORTABLE PHONOGRAPH CO., INC., New York, N. Y. Filed Sept. 2, 1925.



Particular description of goods.—Musical Instruments and Supplies, Specifically Phonographs and Parts Thereof.
Claims use since Aug. 12, 1925.

Ser. No. 219,849. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SANTIAGO ORANGE GROWERS ASSOCIATION, Orange, Calif. Filed Sept. 4, 1925.

PLANET

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since Nov. 5, 1898.

Ser. No. 219,921. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) THE UTENSILS COMPANY, Fort Wayne, Ind. Filed Sept. 5, 1925.



The word "Ironer" is not claimed apart from the mark shown.
Particular description of goods.—Ironing Machines.
Claims use since Sept. 21, 1920.

Ser. No. 219,971. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) LOS ANGELES ICE & COLD STORAGE COMPANY, Los Angeles, Calif. Filed Sept. 8, 1925.



The words "Water, Distilled, The Mark of Pure Water," and the symbol "H_2O" are disclaimed apart from the mark shown.
Particular description of goods.—Bottled Water.
Claims use since July 1, 1925.

Ser. No. 220,174. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BLACKSTONE MANUFACTURING COMPANY, doing business as Tru Lax Manufacturing Co., Newark, N. J. Filed Sept. 12, 1925.

TRU-LAX

Particular description of goods.—Chewing Gum Laxatives.
Claims use since Sept. 1, 1925.

Ser. No. 220,293. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) THE NINETEEN HUNDRED WASHER COMPANY, Binghamton, N. Y. Filed Sept. 15, 1925.



No claim is made herein to the word "Washer" apart from the mark as shown.
Particular description of goods.—Power-Operated Clothes-Washing Machines.
Claims use since Mar. 9, 1925.

Ser. No. 220,471. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) G. RINALDI FU NICOLA, Mercato, San Severino, Salerno, near Naples, Italy, and New York, N. Y. Filed Sept. 19, 1925.



No claim is made to the exclusive use of the word "Brand" apart from the mark as shown in the drawing.
Particular description of goods.—Canned Natural Tomato Sauce and Canned Fresh Italian Peeled Tomatoes.
Claims use since July 1, 1925.

Ser. No. 220,510. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE DURO PUMP AND MANUFACTURING COMPANY, Dayton, Ohio. Filed Sept. 21, 1925.

DURO

Particular description of goods.—Hydrostatic Valves, Float Valves, Needle Valves, Cam Valves for Use With Water-Softening Apparatus.
Claims use since Jan. 1, 1916.

Ser. No. 220,550. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MARITIME FISH CORPORATION, LIMITED, Montreal, Quebec, Canada. Filed Sept. 21, 1925.

MARITIME

Trade-mark "Maritime."
Particular description of goods.—Fresh, Frozen, Smoked, Canned, Salted, Pickled, and Dried Fish.
Claims use since on or about Oct. 1, 1919.

Ser. No. 220,593. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BISHOP & COMPANY, Los Angeles, Calif. Filed Sept. 22, 1925.

Dreams of Hollywood

Particular description of goods.—Chocolate Candy.
Claims use since about Aug. 13, 1925.

Ser. No. 220,638. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CADICK MILLING COMPANY, Grand View, Ind. Filed Sept. 23, 1925.



Applicant disclaims the right to the exclusive use of the words "Self Rising" which appear twice in the drawing; the words "Flour" and "Cadick Milling Co., Grand View, Ind." apart from the other features of the mark shown in the drawing. The upper half of the circle surrounding the word "Sunlight" is red; two stripes of yellow separate the blocks carrying the words "Self" and "Rising" from the rest of the circle. The space below the word "Flour" is yellow; the background of the word "Sunlight" is yellow, and the radiating lines in the yellow background are red. The upper part of the letters of the word "Sunlight" are red.
Particular description of goods.—Self-Rising Flour.
Claims use since 1914.

Ser. No. 220,680. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) ADOLPH SAURER, INC., New York, N. Y. Filed Sept. 23, 1925.

Saurer

No claim is made for the word "Saurer" except in the distinctive manner in which it is shown in the drawing.
Particular description of goods.—Internal-Combustion Motors and Parts Thereof.
Claims use since Mar. 15, 1923.

Ser. No. 220,783. (CLASS 45. BEVERAGES, NONALCOHOLIC.) ABRAHAM KANNER, doing business as Globe Bottling Co., Los Angeles, Calif. Filed Sept. 25, 1925.

Pom-Roy Dry

The descriptive word "Dry" is hereby disclaimed apart from the other features of the mark.
Particular description of goods.—Nonalcoholic, Maltless Beverage Sold as Soft Drink; Extracts and Sirups for Making the Same.
Claims use since May 15, 1925.

Ser. No. 220,800. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ARCHIE M. PRATT, Redlands, Calif. Filed Sept. 25, 1925.

MERRIE SUNSHINE

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since July 1, 1924.

Ser. No. 220,802. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ARCHIE M. PRATT, Redlands, Calif. Filed Sept. 25, 1925.

YUMMY

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since July 1, 1924.

Ser. No. 220,964. (CLASS 27. HOROLOGICAL INSTRUMENTS.) O. MAIRE, INC., New York, N. Y. Filed Sept. 29, 1925.

LONGIA

Trade-mark consists of the word "Longia."
Particular description of goods.—Watches.
Claims use since on or about Jan. 1, 1918, and by its predecessors since on or about June 1, 1910.

Ser. No. 221,089. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A/S L. E. BRUUN, Copenhagen, Denmark. Filed Oct. 2, 1925.

La Vaquita

Particular description of goods.—Butter.
Claims use since Aug. 1, 1923.

Ser. No. 221,119. (CLASS 32. FURNITURE AND UPHOLSTERY.) LOUIS I. KATZNER, doing business as Comfy Manufacturing Company, Baltimore, Md. Filed Oct. 2, 1925.



In the drawing the lining represents shading only. Applicant disclaims the words "Comfy Cushion" and the representation of a cushion in the drawing except in the precise relation and association in which they are shown as a whole.
Particular description of goods.—Pillows, Fancy Cushions, Chair Seats, and Automobile Cushions.
Claims use since Sept. 15, 1925.

Ser. No. 221,233. (CLASS 39. CLOTHING.) THE BRUNSTADT COMPANY, Newark, N. J. Filed Oct. 5, 1925.

RADIANT

Particular description of goods.—Textile Silk Underwear and Silk Gloves.
Claims use since November, 1923.

Ser. No. 221,315. (CLASS 27. HOROLOGICAL INSTRUMENTS.) GUERRIN, BOURQUIN & CIE FABRIQUE D'EBAUCHES AURORE À VILLERET, Villeret, Switzerland. Filed Oct. 6, 1925.

AV

Particular description of goods.—Watch Movements and Parts of Watches.
Claims use since August, 1925.

Ser. No. 221,656. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AIREX MANUFACTURING COMPANY, Seattle, Wash. Filed Oct. 13, 1925.

AIREX

Particular description of goods.—Radio Loud Speakers and Phonograph Adapter Units.
Claims use since Mar. 1, 1925.

Ser. No. 221,664. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRED L. HILMER COMPANY, San Francisco, Calif. Filed Oct. 13, 1925.

GOLDEN POPPY

Particular description of goods.—Butter, Eggs, and Cheese.
Claims use since 1893.

Ser. No. 221,724. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) UNIVERSAL SKID-LESS CHAIN COMPANY, Niles, Mich. Filed Oct. 14, 1925.



The drawing is cross lined to indicate the color yellow, and is vertically lined for the purpose of shading only. The representation of the automobile tire with chains thereon, and the word "Chains," the words "Niles, Michigan, U. S. A." are disclaimed apart from the mark shown on the drawing.

Particular description of goods.—Antiskid Chains for Automobiles and Mud Hooks.

Claims use since Sept. 18, 1925.

Ser. No. 221,815. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) ISIDOR GOLDBERG, doing business as National Garter Co., New York, N. Y. Filed Oct. 16, 1925.

GOLD SEAL

Particular description of goods.—Fancy Shirred Elastic and Narrow Braid Elastic.

Claims use since Mar. 9, 1925.

Ser. No. 222,052. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) UNITED STATES HAT MACHINERY CORPORATION, New York, N. Y. Filed Oct. 20, 1925.



The words "Genest, Process," and "United States Hat Machinery Corp." are disclaimed.

Particular description of goods.—Hat Machinery and Particularly Hat Bat-Felting Machines.

Claims use since about July 10, 1925.

Ser. No. 222,065. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) J. C. ENO, LIMITED, London, England. Filed Oct. 21, 1925.



Exclusive use of the words "Made by, The World Famed Effervescent Salt, Known and used for over fifty years, Pleasant, Cooling, Refreshing Laxative" being disclaimed apart from the mark as shown in the drawing.

Particular description of goods.—Medicinal Saline Preparation for Human Use.

Claims use since July 6, 1925.

Ser. No. 222,095. (CLASS 39. CLOTHING.) THEME HOSIERY COMPANY, Los Angeles, Calif. Filed Oct. 21, 1925.



The word "Hosiery" is disclaimed.

Particular description of goods.—Hosiery.

Claims use since Sept. 9, 1925.

Ser. No. 222,191. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) THE ROBBINS COMPANY, Attleboro, Mass. Filed Oct. 23, 1925.



Particular description of goods.—Articles Made Wholly or in Part of Precious Metal—Namely, College and School Jewelry for Personal Wear, Not Including Watches; Class Pins and Finger Rings; Advertising Novelties—Namely, Ash Trays, Paper Knives, Paper Weights, Match Boxes, Pad Holders, Medallions, Name Plates, Cuff Links, Watch-Fobs, Pencils, Paper Clips and Pins; Badges, Medals, Trophies, Spoons, and Souvenir Jewelry for Personal Wear, Not Including Watches.

Claims use since 1918.

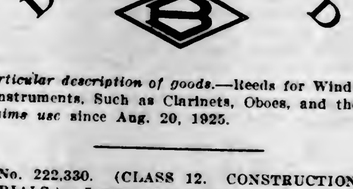
Ser. No. 222,251. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) C. D. HUBBARD FRUIT CO., Carpenteria, Calif. Filed Oct. 24, 1925.

Smile

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.

Claims use since 1912.

Ser. No. 222,284. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) SIMSON & FREY, INC., New York, N. Y. Filed Oct. 24, 1925.



Particular description of goods.—Reeds for Wind Musical Instruments, Such as Clarinets, Oboes, and the like.

Claims use since Aug. 20, 1925.

Ser. No. 222,330. (CLASS 12. CONSTRUCTION MATERIALS.) LEWIS MANUFACTURING CO., Bay City, Mich. Filed Oct. 26, 1925.

LIBERTY
READY-CUT
HOMES

Applicant disclaims exclusive right to the use of the words "Ready Cut Homes" apart from the mark as shown.

Particular description of goods.—Ready-Cut Houses.

Claims use since July 8, 1924.

Ser. No. 222,426. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 28, 1925.

BAKELITE

Particular description of goods.—Strap Hangers, Propellers, Windshields, and Porthole Lights.

Claims use since Dec. 1, 1920.

Ser. No. 222,429. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 28, 1925.

BAKELITE

Particular description of goods.—Candlesticks, Lamp Stands, Bases, and Uprights; Lamp Shades; Pendants, and Pulls for Gas and Oil Lamps, and Steam-Radiator-Valve Handles.

Claims use since Dec. 1, 1922.

Ser. No. 222,617. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) KOMO CHEMICAL CO., INC., Philadelphia, Pa. Filed Oct. 31, 1925.



No claim is made to the exclusive use of the words "The American Insecticide" apart from the mark shown.

Particular description of goods.—Insecticide.

Claims use since July 1, 1925.

Ser. No. 222,671. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRATELLI GAROSCI DI GIO, Turin, Italy. Filed Nov. 2, 1925.



Applicant disclaims all wording appearing on the drawing except the words "L' Excelsior" and "Il Sole."

Particular description of goods.—Antipasto.

Claims use since Feb. 28, 1911.

Ser. No. 222,706. (CLASS 39. CLOTHING.) LESTER ROTHSCHILD & CO., INC., Chicago, Ill. Filed Nov. 2, 1925.

Fashion PLUS Clothes

Applicant disclaims exclusive rights to the word "Fashion" and to the word "Clothes" apart from the trade-mark as shown in the drawing.

Particular description of goods.—Suits, Overcoats, and Top Coats for Men and Young Men.

Claims use since Sept. 1, 1925.

Ser. No. 222,739. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) FREE SEWING MACHINE COMPANY, Rockford, Ill. Filed Nov. 3, 1925.

APARTMENT ELECTRIC

Applicant disclaims any exclusive right to the word "Electric."

Particular description of goods.—Electric Sewing Machines.

Claims use since Mar. 1, 1924.

Ser. No. 222,772. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) THE AMALGAMATED DENTAL COMPANY LIMITED, London, England. Filed Nov. 4, 1925.

THE AMALGAMATED DENTAL CO LTD

The lining appearing upon the letters "T", "d", and "e" is for shading.

Particular description of goods.—Bunsen Burners.

Claims use since February, 1925.

Ser. No. 222,773. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE AMALGAMATED DENTAL COMPANY LIMITED, London, England. Filed Nov. 4, 1925.

THE AMALGAMATED DENTAL CO LTD

The lining appearing upon the letters "T", "d", and "e" is for the purpose of shading.

Particular description of goods.—Dental Apparatus and Supplies—Namely, Pulp-Canal Cleansers, Pulp-Canal Cleaners Spring Tempered, Pulp-Canal Cleansers Soft Tempered, Pulp-Canal Cleansers Assorted, Gum Tragacanth for Securing the Adhesion of Artificial Dentures, Sticky Wax, Pattern Lead, Model Cement, Dental Rubber, Artificial Teeth, Tongue Holders, Metal Water Syringes, Rubber Carbo Separating Disks, Automatic Mallets, Celluloid Matrices, Aluminum-Alloy Posts, Tooth-Polishing Brushes, Bands, Anchor Bands, Regulating Appliances, Rubber Ligatures for Regulating Apparatus, Ligature Wire for Regulating Apparatus, Hypodermic Syringes, Glass Covers for Cuttriss Pellet Holders, Articulators, Anatomical Articulators, and Agate Spatulas.

Claims use since February, 1925.

Ser. No. 222,780. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) BLACKWOOD COAL AND COKE COMPANY, Blackwood, Va., and Spartanburg, S. C. Filed Nov. 4, 1925.

RED BIRD

The trade-mark consists in the representation of a red bird sitting on a lump of coal, on which the words "Red Bird" also appear. The representation of a lump of coal is disclaimed. The red color of the bird is an essential feature of the mark.

Particular description of goods.—Coal.

Claims use since 1916.

Ser. No. 222,866. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) LEONARDO NUNEZ, Los Angeles, Calif. Filed Nov. 5, 1925.

RADIOTENOR

The word "Tenor" is disclaimed apart from the mark shown.

Particular description of goods.—Ukuleles.

Claims use since Oct. 21, 1925.

Ser. No. 222,896. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) WESTERN CARTRIDGE COMPANY, East Alton, Ill. Filed Nov. 5, 1925.

MARKSMAN

Particular description of goods.—Rifle Cartridges.

Claims use since about July 1, 1921.

Ser. No. 222,926. (CLASS 39. CLOTHING.) JULIA HOYT MODES, INC., New York, N. Y. Filed Nov. 6, 1925.

Julia Hoyt MODES

No claim is made to the word "Modes" apart from the mark shown.

Particular description of goods.—Ladies' and Misses' Dresses, Coats, Cloaks, and Suits.

Claims use since July 1, 1925.

Ser. No. 222,965. (CLASS 39. CLOTHING.) THE U-C-IT SILK HOSIERY CO., Marietta, Ga. Filed Nov. 6, 1925.

U-C-IT

Particular description of goods.—Hosiery, Silk Underwear of Knitted and Textile Fabric, and Ladies' and Children's Shoes of Leather, Rubber, Fabric, or Combinations Thereof.

Claims use since Aug. 27, 1925.

Ser. No. 222,978. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ENGLISH-WHITMAN PRODUCTS, New York, N. Y. Filed Nov. 7, 1925.

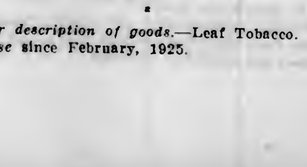
TUN-A-LOOP

Particular description of goods.—Radio Apparatus—Namely, Loop Antennæ.

Claims use since Sept. 1, 1925.

Ser. No. 222,992. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) NATIONAL GROCER COMPANY, Detroit, Mich. Filed Nov. 7, 1925.

LIGHT HOUSE



Particular description of goods.—Matches.

Claims use since about Nov. 8, 1924.

Ser. No. 223,034. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE FRANK HELD TRACTOR CO., Columbus, Ohio. Filed Nov. 9, 1925.

WASH-MOR

Particular description of goods.—Root Washers, an Apparatus for Washing Carrots, Turnips, Parsnips, and Other Rootlike Vegetables.

Claims use since November, 1924.

Ser. No. 223,069. (CLASS 17. TOBACCO PRODUCTS.) TOBACCO REHANDLING CO., LTD., INC., and also doing business as W. T. Grant Co., Louisville, Ky. Filed Nov. 9, 1925.

AK

Particular description of goods.—Leaf Tobacco.

Claims use since February, 1925.

Ser. No. 223,079. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE BRADFORD DYERS' ASSOCIATION, LIMITED, Bradford, England. Filed Nov. 10, 1925.

SUNBRITE

Particular description of goods.—Sateens and Venetians, Being Cotton Piece Goods.
Claims use since Jan. 6, 1910.

Ser. No. 223,093. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) IRWIN & CO., INC., New York, N. Y. Filed Nov. 10, 1925.

TAWKA-TOYES

No claim is made to the exclusive use of the word "Toys" apart from the mark as shown in drawing.
Particular description of goods.—Toys—Viz, Baby Rattles.
Claims use since August, 1924.

Ser. No. 223,117. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) CYCLONE FENCE COMPANY, Waukegan, Ill. Filed Nov. 11, 1925

Cyclone

Particular description of goods.—Woven Wire Fencing, Spiral Wire Pickets, Crimped Wire Pickets, Walk and Drive Gates, Arch Entrances, Tree Guards, Hitching Posts, Municipal Hitch Rails, Tubular Fence Posts, Flower-Bed Borders, Farm Gates, Vine Trellises, Wire Partition Work, Conveyor Belting, Door Guards, Wrought-Iron Fencing, Wrought-Iron Gates, and Folding Gates.
Claims use since 1894.

Ser. No. 223,206. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) LOUIS J. WEINSTEIN, New York, N. Y. Filed Nov. 12, 1925.

WEINSTEIN'S PYRO-MOLD INVESTMENT

No claim is made to the word "Investment" other than in association shown.
Particular description of goods.—Composition for Making Hard-Refractory Dental Models and Investments.
Claims use since Oct. 24, 1925.

Ser. No. 223,250. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MOLDED SOCKET CORPORATION, Newark, N. J. Filed Nov. 13, 1925.

"Safti Soc"

Particular description of goods.—Molded Electric-Light Sockets.
Claims use since June 22, 1925.

Ser. No. 223,275. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) BEST & CO., INC., New York, N. Y. Filed Nov. 14, 1925. Under section 5b of the act of 1905, as amended in 1920.

Best & Co.

Particular description of goods.—Fur Skins, Hides, and Pelts.
Claims use since September, 1917.

Ser. No. 223,278. (CLASS 32. FURNITURE AND UPHOLSTERY.) BEST & CO., INC., New York, N. Y. Filed Nov. 14, 1925. Under section 5b of the act of 1905 as amended in 1920.

Best & Co.

Particular description of goods.—Nursery Furniture—Namely, Cribs, Costumers, Wardrobes, Bassinettes, Play Yards, Hampers, Sanitary Receivers, Nursery Chairs, Tables and Chairs for Little Children, Baby Walkers, Dressing Tables, Night Tables, Picture Frames, and Pillows.
Claims use since 1879 on nursery furniture, on pillows since November, 1879, and on pictures since May, 1923.

Ser. No. 223,279. (CLASS 39. CLOTHING.) BEST & CO., INC., New York, N. Y. Filed Nov. 14, 1925. Under section 5b of the act of 1905 as amended in 1920.

Best & Co.

Particular description of goods.—Men's, Women's, Misses', and Children's Hats; Shoes of Leather, Calfskin, Satin, Brocade, and Kid; Slippers of Leather, Felt, and Wool; Puttees; and Fabric, Leather and Wool Gloves, Leggings, Overgaiters, and Spats; Women's, Misses', and Children's Sweaters, Stockings, Socks, Underwear

of Knitted, Netted, and Textile Fabrics; Collar and Cuff Sets, Ties, Belts, Scarfs; Coats and Suits for Women, Misses, and Children; Dresses, Lingerie, Negligees, Petticoats, Aprons, and Pyjamas; Children's and Misses' Rompers, Wrappers, Skirts, Blouses; Caps for Children and Misses; Waists, Nightgowns, Bodices, Riding Habits, Sport Coats, Bathing Suits and Robes; Boys' and Men's Suits, Overcoats, Bath Robes, Hats, Caps, Sweaters; Underwear of Knitted, Netted, and Textile Fabric; Shirts, Ties, Pyjamas, Collars, Mufflers, Stockings, and Socks; Nurses' Uniforms; Corsets, and Boas.
Claims use since 1882 on all goods named in statement with the exception of boas; claims use on boas since 1901.

Ser. No. 223,289. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE ENGINEERING PRODUCTS CORPORATION, INC., New York, N. Y. Filed Nov. 14, 1925.

CONDUSEAL

Particular description of goods.—Joint-Filling Nipples for Sleeves of Electric-Cable Joints.
Claims use since on or about Jan. 1, 1925.

Ser. No. 223,438. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHARLES GULDEN, INC., New York, N. Y. Filed Nov. 17, 1925.

EXCELSIOR BRAND

No claim is made to the exclusive use of the word "Brand."
Particular description of goods.—Prepared Mustard or Chowchow Sauce.
Claims use since Nov. 23, 1906.

Ser. No. 223,489. (CLASS 39. CLOTHING.) F. R. TRIPLER & CO., INC., New York, N. Y. Filed Nov. 18, 1925. Under ten-year proviso.

F. R. TRIPLER & CO.

Particular description of goods.—Men's Coats, Vests, Long Pants, Knee Pants, Hats and Caps, Overcoats and Raincoats, Dress and Negligee Outer Shirts, Textile Undershirts and Drawers, Pyjama Shirts and Pants; Dressing Gowns and Bath Robes, Sweaters, Stockings and Socks; Leather and Fabric Slippers, Scarfs, Cravats; Leather and Knitted Gloves; Bathing Shirts and Bathing Trunks, Belts, and Suspenders.
Claims use since 1886.

Ser. No. 223,498. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) WALTER M. ADAMS, Hutchinson, Kans. Filed Nov. 19, 1925.

SANDOW

Particular description of goods.—Card Holder, Comprising a Flat Base with a Vertical Rod on Which Rod Are Clamps for Holding Show Cards, Price Cards, and the Like.
Claims use since July 5, 1925.

Ser. No. 223,540. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NORTH SHORE MILL COMPANY LD., Liverpool, England. Filed Nov. 19, 1925.

HOGLETTE

Particular description of goods.—Foods for Cows, Pigs, Sheep, Horses, Poultry, and Cage Birds.
Claims use since on or about Aug. 4, 1923.

Ser. No. 223,541. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE OIL JACK COMPANY, INC., New York, N. Y. Filed Nov. 19, 1925.

PEDERSEN Oiljak

No claim is made to the name "Pederson" apart from the mark as shown, and no claim is made to the word "Oiljak" except in the arbitrary manner in which it is shown.
Particular description of goods.—Fluid and Hydraulic Jacks.
Claims use since Sept. 28, 1925.

Ser. No. 223,556. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE SUPERIOR MOTOR COACH BODY COMPANY, Lima, Ohio. Filed Nov. 19, 1925.

AEROSTRUCTURE BODIES

No claim is made to the word "Bodies" apart from the mark as shown in the drawing.
Particular description of goods.—Bodies for Motor Vehicles—Namely, for Commercial Busses.
Claims use since about Apr. 1, 1924.

Ser. No. 223,572. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) ESTLE H. BROOKS, Evergreen, Ala. Filed Nov. 20, 1925.

LADIES DELIGHT

Particular description of goods.—Cake Slicers.
Claims use since on or about Sept. 1, 1924.

Ser. No. 223,585. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE KURZ-KASCH COMPANY, Dayton, Ohio. Filed Nov. 20, 1925.

Aristocrat

The trade-mark consists of the word "Aristocrat."
Particular description of goods.—Radio Control Mechanism, Indicators, Dials, Knobs, Pointers, Sockets, Rheostats, Switches, and Parts Thereof, Condenser Parts, Resistance-Unit Mountings, Formed in Whole or in Part from Phenolic-Condensation Materials.
Claims use since October, 1923.

Ser. No. 223,646. (CLASS 27. HOROLOGICAL INSTRUMENTS.) R. H. MACY & CO., INC., New York, N. Y. Filed Nov. 21, 1925.

Councillor

Particular description of goods.—Watches.
Claims use since Oct. 22, 1925.

Ser. No. 223,647. (CLASS 27. HOROLOGICAL INSTRUMENTS.) R. H. MACY & CO., INC., New York, N. Y. Filed Nov. 21, 1925.

Statesman

Particular description of goods.—Watches.
Claims use since Oct. 22, 1925.

Ser. No. 223,735. (CLASS 32. FURNITURE AND UPHOLSTERY.) A. NEIMAN & CO., Louisville, Ky. Filed Nov. 23, 1925.

RESTEASY

Particular description of goods.—Mattresses.
Claims use since 1911.

Ser. No. 223,766. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MILTON CAHN & COMPANY, New York, N. Y. Filed Nov. 24, 1925.

VION

Particular description of goods.—Perfumes.
Claims use since Oct. 29, 1925.

Ser. No. 223,777. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) GEORGE ERNST, doing business as Ernst & Co., Newark, N. J. Filed Nov. 24, 1925.



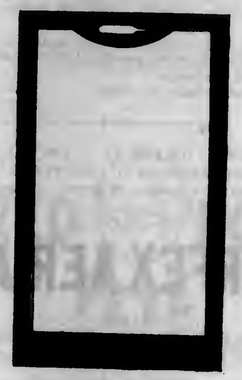
A portion of the trade-mark drawing is lined to represent the color red.
Particular description of goods.—Gauges for Steam Boilers, Tanks, Reservoirs, and Other Liquid Containers.
Claims use since Sept. 28, 1925.

Ser. No. 223,799. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NYAL COMPANY, Detroit, Mich. Filed Nov. 24, 1925.

PICCADILLY

Trade-mark consists of the word "Piccadilly."
Particular description of goods.—Toilet Preparations—viz, Perfumes.
Claims use since Nov. 3, 1925.

Ser. No. 223,881. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ASSOCIATED PHYSICIANS LABORATORIES, San Francisco, Calif. Filed Nov. 27, 1925.



Particular description of goods.—Atropine Sulphate, Iron and Ammonia Citrate, Iron Cacodylate, Mercury Bichloride, Mercury Benzoate, Magnesium Sulphate, Sodium Glycerophosphate Compound, Iron-Sodium Cacodylates, Iron Cacodylate, Strychnine Cacodylate, Iron Cacodylate, Tricacodylates Compound, Testicular Extract, Sodium Iodo-Salicylate, Sodium Salicylate, Guaiacol, Sodium Salicylate, Sodium Iodide, Sodium Cacodylate, Strophanthin, Strychnine Sulphate, Scopolamine, Hydrobromide Morphine Hydrobromide, Scopolamine Hydrobromide, Quinine Bisulphate, Quina-Pyrine, Quinine Dihydrochloride, Quinine and Urea Hydrochloride, Pilocarpine Nitrate, Pituitary Extract, Prokadrenin, Ovarian Substance, Novocaine Solution, Mercuro-Fer Cacodylate, Sodium Glycerophospate, Mercury Cyanide, Mercury Salicylate Emulsion, Mercuric Iodide, Red, Mercury Cacodylate, Hexamethylene-Tetramine, Gray Oil 10%, Ergot, Emetine Hydrochloride, Dicacodylates Compound, Creolio, Camphor in Oil, Corpora Lutea, Calciferro Cacodylate, Calcium Chloride, Calomel in Oil, Calcium Cacodylate, Caffeine-Sodium Benzoate, Bacteriostatic Solution, Iron Arsenite, Elixir Phos-Ferro-Dylate, Elixir Nucleneyme, Ora Antiseptic, Elixir Ferro-Dylate, Tablets for Disorders of the Stomach, a Douche Powder, an Emulsion of Liquid Petrolatum and Aromatic Cascara Sagrada, Liquid Petrolatum and Milk of Magnesia, Liquid Petrolatum and Phenolphthalein, and Liquid Petrolatum for Constipation.
Claims use since Aug. 7, 1917.

Ser. No. 223,888. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CLYDE KREIDER BAER, doing business as Baer's Pharmacy, Philadelphia, Pa. Filed Nov. 27, 1925.

CUB

Trade-Mark consists of the word "Cub."
Particular description of goods.—Laxative Pills, Arsenated Iron Tablets, Indigestion Treatment, Cold and Neuralgia Capsules, Worm Lozenges, Gout and Rheumatic Tablets, Croup Emulsion, Milk of Magnesia, and Rheumatic Compound.
Claims use since February, 1925.

Ser. No. 223,893. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BOSTON WOVEN HOSE & RUBBER COMPANY, Cambridge, Mass Filed Nov. 27, 1925.

BULL DOG

The trade-mark consists of the words "Bull Dog."
Particular description of goods.—Friction Tape.
Claims use since Sept. 1, 1906.

Ser. No. 223,966. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MICHAEL M. LERNER, doing business as Marie De Medicis Company, Philadelphia, Pa. Filed Nov. 28, 1925.

Marie de Medicis
ORIGINAL
Rose Oil

No claim is made to the words "Original Rose Oil."
Particular description of goods.—Hair Oils.
Claims use since 1912.

Ser. No. 224,085. (CLASS 39. CLOTHING.) FLORALA MANUFACTURING CO., Florala, Ala. Filed Dec. 2, 1925.

Comrades

Particular description of goods.—Children's Nainsook Underwear.
Claims use since Sept. 23, 1925.

Ser. No. 224,145. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MAX MEYERSON, doing business as Fibre Case & Novelty Co., New York, N. Y. Filed Dec. 1, 1925.

PHONEHOOD

Particular description of goods.—Soundproof Mouthpiece for Telephones.
Claims use since June 1, 1925.

Ser. No. 224,167. (CLASS 12. CONSTRUCTION MATERIALS.) WENATCHEE LUMBER COMPANY, Wenatchee, Wash. Filed Dec. 1, 1925.

W.L.C.

Particular description of goods.—Roofing Material in Sheet Form, Lumber and Lumber Products—Namely, Shingles, Laths, Sashes, and Doors.
Claims use since Apr. 15, 1924.

Ser. No. 224,181. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FIDELIA M. DE MORALES, San Francisco, Calif. Filed Dec. 3, 1925.

SANTA FE

The word "Santa Fe" as it appeared in the trade-mark is disclaimed.
Particular description of goods.—Medical Preparation for the Treatment of Skin Diseases.
Claims use since Sept. 1, 1925.

Ser. No. 224,182. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) THE DETROIT VAPOR STOVE CO., Detroit, Mich. Filed Dec. 3, 1925.

White Star

Particular description of goods.—Gas Stoves.
Claims use since Oct. 1, 1925.

Ser. No. 224,205. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) RIFE HYDRAULIC ENGINE M'F'G CO., New York, N. Y. Filed Dec. 3, 1925.

RIFE

The trade-mark consists merely in the word "Rife."
Particular description of goods.—Hydraulic Engines and Rams.
Claims use since 1889.

Ser. No. 224,225. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) ARGLOMACO, INC., New York, N. Y. Filed Dec. 4, 1925.

GRAVURE

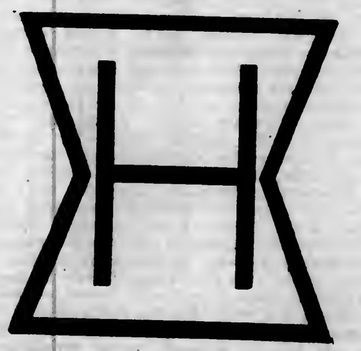
Particular description of goods.—Lamp Shades Made of Fabric or Sheet Materials.
Claims use since Nov. 1, 1925.

Ser. No. 224,239. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FEDERAL RADIO COMPANY LIMITED, Toronto, Ontario, Canada. Filed Dec. 4, 1925.

PERFEX AERIAL

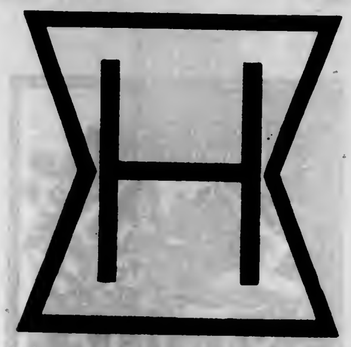
No claim is made to the exclusive use of the word "Aerial" except in connection with the mark as shown in the drawing.
Particular description of goods.—Radio Antennæ.
Claims use since 1924.

Ser. No. 224,245. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) HARRISBURG PIPE & PIPE BENDING CO., Harrisburg, Pa. Filed Dec. 4, 1925.



Particular description of goods.—Drop Forgings.
Claims use since Apr. 29, 1925.

Ser. No. 224,246. (CLASS 18. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) HARRISBURG PIPE & PIPE BENDING CO., Harrisburg, Pa. Filed Dec. 4, 1925.



Particular description of goods.—Seamless Hollow Cylinders, Metal Casings, Metal Tubing, Metal Coils, and Metal Couplings for Metal Casings, Piping, Tubing, and Hose.
Claims use since Apr. 29, 1925.

Ser. No. 224,252. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LIBERTY CANDY CO., La Crosse, Wis. Filed Dec. 4, 1925.

RED NOSE PETE

Particular description of goods.—Candy.
Claims use since Nov. 7, 1925.

Ser. No. 224,258. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NIAGARA ALKALI COMPANY, Niagara Falls, N. Y. Filed Dec. 4, 1925.



Niagara

No claim is made to the word "Niagara" apart from the mark shown.
Particular description of goods.—Insecticides, Disinfectants, and Deodorants.
Claims use since Sept. 2, 1924.

Ser. No. 224,305. (CLASS 39. CLOTHING.) TRIANGLE APPAREL CO., New York, N. Y. Filed Dec. 5, 1925.

QUALITY STYLE VALUE

The words "Quality-Style Value" are disclaimed apart from the mark shown.
Particular description of goods.—Ladies' Wearing Apparel—Namely, Dresses, Coats, Suits, and Underwear of Knitted and Textile Fabrics.
Claims use since Nov. 2, 1925.

Ser. No. 224,307. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) TRIFARI & KRUSSMAN, INC., New York, N. Y. Filed Dec. 5, 1925.

Lariat

Particular description of goods.—Pearl Necklaces.
Claims use since Aug. 1, 1925.

Ser. No. 224,350. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) JOHN H. PARSONS, doing business as The John H. Parsons Company, Pontiac, Mich. Filed Dec. 7, 1925.

ZEPHYR PANELS

The word "Panels" is disclaimed apart from the mark as shown.
Particular description of goods.—Ventilators for Vehicles.
Claims use since Sept. 1, 1925.

Ser. No. 224,352. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) PEERLESS ROLL LEAF CO., INC., New York, N. Y. Filed Dec. 7, 1925.



Particular description of goods.—Imitation Gold and Silver Leaf Mounted on a Roll of Paper.
Claims use since Aug. 1, 1918.

Ser. No. 224,370. (CLASS 39. CLOTHING.) WYMAN, PARTRIDGE & CO., Minneapolis, Minn. Filed Dec. 7, 1925.

SEAL OF SERVICE

Particular description of goods.—Work Clothing—Namely, Work Shirts, Work Pants, Overalls, One-Piece Work Suits, Play Suits, and Khaki Pants, Jackets, and Coats.
Claims use since about Sept. 11, 1925.

Ser. No. 224,381. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



The lining of drawing is for shading only.
Particular description of goods.—Food-Flavoring Extracts.
Claims use since 1889.

Ser. No. 224,382. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



The lining of drawing is for shading only.
Particular description of goods.—Food-Flavoring Extracts.
Claims use since 1889.

Ser. No. 224,383. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



The lining of drawing is for shading only.
Particular description of goods.—Food-Flavoring Extracts.
Claims use since 1889.

Ser. No. 224,387. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



The drawing is lined for shading only.
Particular description of goods.—Food-Flavoring Extracts.
Claims use since 1889.

Ser. No. 224,388. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



The lining shown on the drawing is for shading only.
Particular description of goods.—Food-Flavoring Extracts.
Claims use since 1889.

Ser. No. 224,391. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.

PERFECTION

Particular description of goods.—Food-Flavoring Extracts.
Claims use since 1889.

Ser. No. 224,462. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) LOEFFLER, BREWER & CO., INC., New York, N. Y. Filed Dec. 9, 1925.

TAFFASHEEN

Trade-Mark consists of the word "Taffasheen."
Particular description of goods.—Cotton Piece Goods.
Claims use since Sept. 1, 1925.

Ser. No. 224,483. (CLASS 39. CLOTHING.) WENCESLAUS STEVENS, New York, N. Y., and Naples, Italy. Filed Dec. 9, 1925.



Particular description of goods.—Leather Gloves.
Claims use since Dec. 24, 1913.

Ser. No. 224,493. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM A. BAILEY, Portland, Oreg. Filed Dec. 10, 1925.

Bacrue

Particular description of goods.—Medicinal Oil for Colds, Croup, Sore Throat, Swollen Tonsils, Hoarseness, Soreness of the Lungs, and Chest.
Claims use since Nov. 1, 1925.

Ser. No. 224,506. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 10, 1925. Under ten-year proviso.

PURE FOOD

Particular description of goods.—Food-Flavoring Extracts.
Claims use since 1889.

Ser. No. 224,509. (CLASS 39. CLOTHING.) JACKSON CORSET COMPANY, Jackson, Mich. Filed Dec. 10, 1925.

"Chrysalis"

Particular description of goods.—Corsets, Brassières; Corset-Brassières Embodying a Brassière or Bust Confiner and Girdle; Bust Confiners, Bust Supporters; Underwear Made of Both Knitted and Textile Fabrics for the Use of Women; Camisoles, Bandeaux, Belts for Personal Wear, Hip Confiners and Girdles.
Claims use since Oct. 1, 1925.

Ser. No. 224,510. (CLASS 39. CLOTHING.) JACKSON CORSET COMPANY, Jackson, Mich. Filed Dec. 10, 1925.

"Twin-ettes"

Particular description of goods.—Corsets, Brassières; Corset-Brassières; Corset Combinations Which is a One-Piece Garment Embodying a Brassière or Bust Confiner and Girdle; Bust Confiners, Bust Supporters; Underwear Made of Both Knitted and Textile Fabrics for the Use of Women; Camisoles, Bandeaux, Belts for Personal Wear, Hip Confiners, and Girdles.
Claims use since Oct. 1, 1925.

Ser. No. 224,532. (CLASS 39. CLOTHING.) ARNO REINHOLD, doing business as Stayput Company, Cleveland, Ohio. Filed Dec. 10, 1925.

Stayput SKUL-KAP

No claim to exclusive right to the use of the words "Skul-Kap" is made, other than in the relation shown in the accompanying drawing.
Particular description of goods.—Caps.
Claims use since Oct. 15, 1925.

Ser. No. 224,602. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) DURWYLLAN CO. INC., Paterson, N. J. Filed Dec. 12, 1925.

ONLYBESTOS

Particular description of goods.—Brake and Transmission Linings.
Claims use since Aug. 1, 1925.

Ser. No. 224,605. (CLASS 2. RECEPTACLES.) IDEAL CUP CORPORATION, Brooklyn, N. Y. Filed Dec. 12, 1925.

IDEAL

Particular description of goods.—Paper Products—Namely, Paper Cups, Paper Food Receptacles, and Paper Dishes.
Claims use since Apr. 22, 1925.

Ser. No. 224,617. (CLASS 39. CLOTHING.) PECK & PECK, New York, N. Y. Filed Dec. 12, 1925.

VANISE

Particular description of goods.—Hosiery.
Claims use since March, 1912.

Ser. No. 224,618. (CLASS 39. CLOTHING.) PECK & PECK, New York, N. Y. Filed Dec. 12, 1925.

BREAD & BUTTER

Particular description of goods.—Hosiery.
Claims use since June, 1923.

Ser. No. 224,668. (CLASS 15. OILS AND GREASES.) ALFRED T. LOCKE, Chicago, Ill. Filed Dec. 14, 1925.

LOCKE'S Better GASOLINE

No claim is made for the words "Locke's Better Gasoline" except in connection with the mark as shown.
Particular description of goods.—Fuel Oils and Lubricating Oils.
Claims use since June 1, 1922.

Ser. No. 224,673. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) RHODE ISLAND WEB COMPANY, Pawtucket, R. I. Filed Dec. 14, 1925.



The symbol "AA-1" is hereby disclaimed except in the particular association and arrangement in which it appears with the rest of the trade-mark as shown in the drawing.
Particular description of goods.—Narrow Elastic Braid.
Claims use since Nov. 1, 1925.

Ser. No. 224,703. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SAMUEL GROSS, New York, N. Y. Filed Dec. 15, 1925.

GEM

Particular description of goods.—Solvent for Drain Pipes and the like.
Claims use since about Dec. 7, 1925.

Ser. No. 224,747. (CLASS 39. CLOTHING.) DE LUXE NOVELTY CO., New York, N. Y. Filed Dec. 16, 1925.

Gloria  Maid

Particular description of goods.—Men's, Women's, and Children's Garters.
Claims use since July 1, 1925.

Ser. No. 224,811. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DALE & DALE, Sacramento, Calif. Filed Dec. 17, 1925.

DALE & DALE



The Vase No. 400

No claim is made to the words "Dale & Dale" apart from the mark shown.
Particular description of goods.—Medicine for Use in the Treatment of Rheumatism.
Claims use since Dec. 8, 1924.

Ser. No. 224,856. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) AMERICAN FRINGE MILLS, INC., New York, N. Y. Filed Dec. 18, 1925.

FRINKLE FRINGE

The word "Fringe" is disclaimed apart from the mark shown.
Particular description of goods.—Fringes (Textile).
Claims use since Sept. 15, 1925.

Ser. No. 224,860. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CRESCENT MANUFACTURING COMPANY, Seattle, Wash. Filed Dec. 18, 1925.

MAPLEINE

Particular description of goods.—Flavoring Extracts for Food Purposes.
Claims use since June 1, 1910.

Ser. No. 224,882. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LEO SIMON, doing business as Natchez Baking Company, Natchez, Miss. Filed Dec. 18, 1925.

"OLE MISSUS"

Particular description of goods.—Fruit Cake, Potato Chips, Layer Cakes, Angel Food, Chocolate-Covered Cake Bars, and Icing-Covered Cake Bars.
Claims use since Jan. 1, 1919.

Ser.. No. 224,887. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VICTOR VIVAUDOU, New York, N. Y. Filed Dec. 18, 1925.

Parfum
Park Lane

No claim is made to the word "Parfum" except in conjunction with the other elements of the trade-mark.
Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, Incenses, Talcum Powders, Lip Sticks, Eyebrow Pencils, and Sachets.
Claims use since Mar. 28, 1925.

Ser. No. 224,893. (CLASS 39. CLOTHING.) THE BAYLY-UNDERHILL MFG. CO., Denver, Colo. Filed Dec. 19, 1925.



Particular description of goods.—Overalls, Work, and Negligee Shirts, Pants, Jumpers, and Unionalls.
Claims use since 1921.

Ser. No. 224,901. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANGUS CAMERON, New York, N. Y. Filed Dec. 19, 1925.

HELPA

Particular description of goods.—Solvent Cleanser, Water Softener, and Boiler Compound.
Claims use since Dec. 1, 1923.

Ser. No. 224,903. (CLASS 39. CLOTHING.) JOSHUA BENJAMIN COLVIN, Baltimore, Md. Filed Dec. 19, 1925.

THE COLVIN-ALL

The word "Colvin" is hereby disclaimed apart from the mark shown.
Particular description of goods.—Overall Union Suits and Overalls.
Claims use since January, 1918.

Ser. No. 224,918. (CLASS 39. CLOTHING.) S. LIEBOVITZ & SONS INC., New York, N. Y. Filed Dec. 19, 1925.



No claim is made to the exclusive use of the words "American Broadcloth" except as shown in drawing.
Particular description of goods.—Dress, Negligee, and Work Shirts, Pyjamas, and Boys' Blouses.
Claims use since July 1, 1924.

Ser. No. 224,919. (CLASS 39. CLOTHING.) S. LIEBOVITZ & SONS INC., New York, N. Y. Filed Dec. 19, 1925.

Jack Frost

Particular description of goods.—Dress, Work, and Negligee Shirts, Blouses, Nightshirts, and Pyjamas.
Claims use since Feb. 1, 1924.

Ser. No. 224,932. (CLASS 39. CLOTHING.) H. ROSENBLATT & SONS, INC., Beloit, Wis. Filed Dec. 19, 1925.

The Ojibwa

Particular description of goods.—Overalls, Unionalls, Pants, Work and Negligee Shirts, Jackets and Jumpers.
Claims use since November, 1922.

Ser. No. 224,944. (CLASS 39. CLOTHING.) SAMUEL H. BERMAN, doing business as Tip-Top Overall Company, Cincinnati, Ohio. Filed Dec. 21, 1925.

TIP-TOP

Particular description of goods.—Overalls.
Claims use since Dec. 17. 1925.

Ser. No. 224,978. (CLASS 39. CLOTHING.) LABOMAN, GRAY COMPANY, Philadelphia, Pa. Filed Dec. 21, 1925.



BLUE MOON

Particular description of goods.—Ladies', Misses', and Children's Hosiery.
Claims use since May 5, 1925.

Ser. No. 225,019. (CLASS 39. CLOTHING.) EMMET A. JONES, Atlanta, Ga. Filed Dec. 22, 1925.

GOODALLS

Particular description of goods.—Overalls.
Claims use since on or about Feb. 15, 1925.

Ser. No. 225,028. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) NORTH STATE POTTERY COMPANY, Sanford, N. C. Filed Dec. 22, 1925.



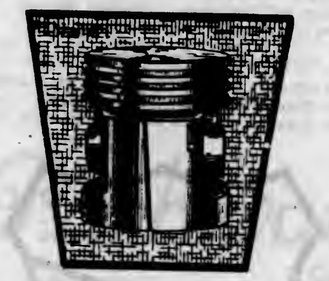
No claim is made to the words "Hand Made, Sanford, N. C." and "North State Pottery Co." apart from the mark shown in the drawing.
Particular description of goods.—Pottery.
Claims use since Nov. 9, 1925.

Ser. No. 225,046. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) TINGUE, BROWN & CO., New York, N. Y. Filed Dec. 22, 1925.

NAP KNIT

No claim is made to the word "Knit" apart from the mark shown.
Particular description of goods.—Knitted Cotton Padding for Laundry Machinery Rolls.
Claims use since Mar. 14, 1925.

Ser. No. 225,053. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) PERMITE PISTON CO., Cincinnati, Ohio. Filed Dec. 23, 1925.



The drawing is lined to indicate the color yellow. No claim is made to the representation of a piston apart from the mark as shown.
Particular description of goods.—Pistons.
Claims use since on or about July 1, 1924.

Ser. No. 225,055. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) FRED JOHN REYSZ, doing business as Evansville Tea & Coffee Co., Evansville, Ind. Filed Dec. 23, 1925.

HOME SWEET HOME

Particular description of goods.—Nonalcoholic Malt Strup.
Claims use since July 1, 1925.

Ser. No. 225,056. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HYMAN SIMON, New York, N. Y. Filed Dec. 23, 1925.

MOON GLOW

HAIR NET

The exclusive right to the words "Hair Net" is disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Hair Nets.
Claims use since Jan. 15, 1922.

Ser. No. 225,090. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GOODWIN LABORATORIES, INCORPORATED, Louisville, Ky. Filed Dec. 23, 1925.

Vee Dee Prophylactic

J. J. Goodwin

The signature shown being in facsimile of that of J. J. Goodwin, president of applicant corporation. No claim is made to the exclusive right to the use of the word "Prophylactic" apart from the mark as shown in the drawing.

Particular description of goods.—Preparation for the Prevention and Treatment of Venereal Diseases.

Claims use since Oct. 20, 1925.

Ser. No. 225,093. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) INVINCIBLE BLOW PIPE CO., Chicago, Ill. Filed Dec. 23, 1925.



Particular description of goods.—Blowers and Shavings and Dust Collecting Systems.

Claims use since Dec. 1, 1925.

Ser. No. 225,123. (CLASS 39. CLOTHING.) THE LINDNER CO'Y, Cleveland, Ohio. Filed Dec. 24, 1925.

PIN MONEY

Particular description of goods.—Women's and Misses' Dresses.

Claims use since Dec. 1, 1925.

Ser. No. 225,127. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MACHINE SPECIALTY COMPANY, Ann Arbor, Mich. Filed Dec. 24, 1925.

ZETA

Particular description of goods.—Radio Receiving Sets and Component Parts Thereof.

Claims use since Sept. 17, 1925.

Ser. No. 225,151. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) U. S. TECHNICAL PRODUCTS COMPANY, New York, N. Y. Filed Dec. 24, 1925.

PEXITONE

Particular description of goods.—Mixed Paints and Varnishes.

Claims use since Nov. 30, 1925.

Ser. No. 225,154. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) WILLIAMSVILLE BUFF MANUFACTURING COMPANY, Danielson, Conn. Filed Dec. 24, 1925.

WILCO

Particular description of goods.—Buff Wheels.

Claims use since on or about Nov. 19, 1924.

Ser. No. 225,227. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) JOSEPH GUTRADT COMPANY, San Francisco, Calif. Filed Dec. 28, 1925. Under ten-year proviso.

DELIGHTFUL

Particular description of goods.—Soaps.

Claims use since Jan. 1, 1880.

Ser. No. 225,247. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) SYLVANIA PRODUCTS COMPANY, Emporium, Pa. Filed Dec. 28, 1925.

Sylvania

Particular description of goods.—Radiotubes.

Claims use since Dec. 29, 1924.

Ser. No. 225,250. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE "ARTO" MANUFACTURING COMPANY, INC., Hatfield, Pa. Filed Dec. 29, 1925.

"ARTGLO"

Particular description of goods.—Enamel-Finish Lacquer and Varnish.

Claims use since Dec. 2, 1925.

Ser. No. 225,255. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NELSON G. DIENER, Baltimore, Md. Filed Dec. 29, 1925.

The BESS Remedy

No claim is made to the right to the exclusive use of the word "Remedy" except in the association in which it appears in the drawing.

Particular description of goods.—Preparations for Coughs, Colds, Bronchitis, and Affections of the Respiratory Organs.

Claims use since Feb. 5, 1925.

Ser. No. 225,262. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HOFFMANN-HAYMAN COFFEE COMPANY, San Antonio, Tex. Filed Dec. 29, 1925.

Sam Houston



The picture shown on the drawing is a portrait of General Sam Houston of Alamo fame.

Particular description of goods.—Coffee.

Claims use since Nov. 28, 1925.

Ser. No. 225,264. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) JOSEPH GUTRADT COMPANY, San Francisco, Calif. Filed Dec. 29, 1925.

CALIPTUS



Particular description of goods.—Soaps.

Claims use since Dec. 1, 1925.

Ser. No. 225,266. (CLASS 39. CLOTHING.) L. LATIN & COMPANY, Wisconsin Rapids, Wis. Filed Dec. 29, 1925.

Parkway

Particular description of goods.—Men's Pants, Suits, and Overcoats.

Claims use since about June, 1919.

Ser. No. 225,269. (CLASS 2. RECEPTACLES.) LISK MANUF'G CO. LIMITED, Canandaigua, N. Y. Filed Dec. 29, 1925. Under 10-year proviso.

LISK

Particular description of goods.—Pails, Milk Cans, Pails and Strainers, Bread Boxes, Cake Boxes, Canisters, Filler Cans, Metal Baskets, Coal Hods, Garbage Cans, Ash Cans, and Oil Cans.

Claims use since about July 1, 1892.

Ser. No. 225,282. (CLASS 2. RECEPTACLES.) REED MANUFACTURING CO., Newark, N. Y. Filed Dec. 29, 1925. Under 10-year proviso.

REED

The drawing is lined for shading only.
Particular description of goods.—Pails, Milk Cans, Pails and Strainers, Bread Boxes, Cake Boxes, Canisters, Filler Cans, Metal Baskets, Coal Hods, Garbage Cans, Ash Cans, and Oil Cans.
Claims use since Sept. 25, 1890.

Ser. No. 225,320. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) RAY C. SANFORD, Franklin Grove, Ill. Filed Dec. 30, 1925.

"REAL STUFF"

Particular description of goods.—Soap.
Claims use since Nov. 14, 1925.

Ser. No. 225,350. (CLASS 39. CLOTHING.) CONVERSE RUBBER SHOE CO., Malden, Mass. Filed Dec. 31, 1925.

'Bobbette'

Particular description of goods.—Overshoes and Galoshes Made of or Containing Rubber.
Claims use since Sept. 1, 1925.

Ser. No. 225,362. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN J. HORN, Oilton, Okla. Filed Dec. 31, 1925.



HORN'S

No claim is made to the word "Horn's" apart from the trade-mark as shown.
Particular description of goods.—Pile Remedy.
Claims use since Nov. 1, 1925.

Ser. No. 225,370. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) J. K. MILLS & CO., Hackettstown, N. J. Filed Dec. 31, 1925.

His Majesty's
AFTER SHAVING
LOTION

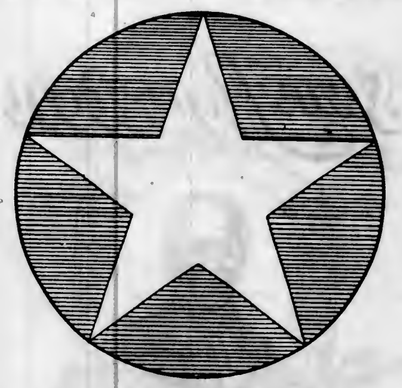
The trade-mark consists of the words "His Majesty's After Shaving Lotion." No claim is made to the exclusive use of the words "After Shaving Lotion."
Particular description of goods.—After-Shaving Lotion.
Claims use since May 12, 1925.

Ser. No. 225,384. (CLASS 39. CLOTHING.) N. J. THOMPSON & CO., Elmira, N. Y. Filed Dec. 31, 1925.

Trova

Particular description of goods.—Hosiery.
Claims use since Sept. 1, 1925.

Ser. No. 225,465. (CLASS 15. OILS AND GREASES.) THE BROOKS OIL COMPANY, Cleveland, Ohio. Filed Jan. 4, 1926.



The drawing is lined to indicate a blue background for the white star, but the color or shape of the background or the presence of any background at all is not an essential feature of the mark.
Particular description of goods.—Petroleum Products—Namely, Gasoline, Kerosene, Lubricating Oil, Lubricating Greases, Fuel Oil, Petroleum Distillate, and Motor Fuels in Which Chief Constituent is Gasoline.
Claims use since 1898.

Ser. No. 225,505. (CLASS 17. TOBACCO PRODUCTS.) CAVANDER'S, LIMITED, London, England. Filed Jan. 5, 1926.

ARMY CLUB

Particular description of goods.—Cigarettes.
Claims use since 1915.

Ser. No. 225,509. (CLASS 39. CLOTHING.) ABRAHAM D. FELDSTEIN, New York, N. Y. Filed Jan. 5, 1926.

Piccadilly

Particular description of goods.—Men's and Boys' Caps.
Claims use since Aug. 10, 1925.

Ser. No. 225,511. (CLASS 39. CLOTHING.) THE FORBUSH SHOE COMPANY, North Crafton, Mass. Filed Jan. 5, 1926.

SHODZ

Particular description of goods.—Leather Shoes.
Claims use since Dec. 10, 1925.

Ser. No. 225,513. (CLASS 39. CLOTHING.) HARRON HOSIERY COMPANY, Philadelphia, Pa. Filed Jan. 5, 1926.

BLUE HERON

Particular description of goods.—Men's, Women's, and Children's Hosiery.
Claims use since Nov. 5, 1925.

Ser. No. 225,536. (CLASS 39. CLOTHING.) WILLIAMS-MARVIN COMPANY, doing business as United Shoe Co., San Francisco, Calif. Filed Jan. 5, 1926.

"SLIP-A-SHU"

Particular description of goods.—Men's, Women's, and Children's Shoes, Slippers, Pumps, and Sandals Made Wholly or Partly of Leather.
Claims use since Dec. 21, 1925.

Ser. No. 225,559. (CLASS 39. CLOTHING.) JAY THORPE, INC., New York, N. Y. Filed Jan. 6, 1926.

Mignon

Particular description of goods.—Corsets.
Claims use since January, 1925.

Ser. No. 225,567. (CLASS 39. CLOTHING.) MOORE & FISHER, INC., New York, N. Y. Filed Jan. 6, 1926.

Annie Laurie

The trade-mark consists of the words "Annie Laurie."
Particular description of goods.—Hosiery.
Claims use since Dec. 19, 1925.

Ser. No. 225,589. (CLASS 39. CLOTHING.) CLUETT, PEABODY & CO., INC., Troy, N. Y. Filed Jan. 7, 1926.

BOGEY

Particular description of goods.—Dress and Negligee Shirts.
Claims use since July 29, 1914.

Ser. No. 225,591. (CLASS 39. CLOTHING.) CLUETT, PEABODY & CO., INC., Troy, N. Y. Filed Jan. 7, 1926.

HALCYON

Particular description of goods.—Dress and Negligee Shirts.
Claims use since July 29, 1914.

Ser. No. 225,593. (CLASS 39. CLOTHING.) CLUETT, PEABODY & CO., INC., Troy, N. Y. Filed Jan. 7, 1926.

SOLO

Particular description of goods.—Dress and Negligee Shirts.
Claims use since Mar. 29, 1924.

Ser. No. 225,594. (CLASS 39. CLOTHING.) CLUETT, PEABODY & CO., INC., Troy, N. Y. Filed Jan. 7, 1926.

THOR

Particular description of goods.—Dress and Negligee Shirts.
Claims use since Sept. 20, 1924.

Ser. No. 225,595. (CLASS 39. CLOTHING.) CLUETT, PEABODY & CO., INC., Troy, N. Y. Filed Jan. 7, 1926.

WEST END

Particular description of goods.—Dress and Negligee Shirts.
Claims use since Apr. 29, 1921.

Ser. No. 225,598. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) DRI-STEAM VALVE CORPORATION, New York, N. Y. Filed Jan. 7, 1926.

DRI-STEAM
5 IN 1

No claim is made for the word "Steam" apart from the mark shown.
Particular description of goods.—Steam Valves and Parts Thereof.
Claims use since about Nov. 9, 1925.

Ser. No. 225,601. (CLASS 39. CLOTHING.) HARRY EBY SHOE CO., INC., Ephrata Borough, Pa. Filed Jan. 7, 1926.

OUR GANG

Particular description of goods.—Shoes Made of Leather, Rubber, and Fabric or Combinations Thereof.
Claims use since Nov. 15, 1925.

Ser. No. 225,603. (CLASS 39. CLOTHING.) JOHN FENTON, Columbus, Ohio. Filed Jan. 7, 1926.

HI-TOPPERS

Particular description of goods.—Leather Boots.
Claims use since Dec. 1, 1925.

Ser. No. 225,609. (CLASS 39. CLOTHING.) INTERNATIONAL SHOE COMPANY, St. Louis, Mo. Filed Jan. 7, 1926.

THE ACE OF STARS

Particular description of goods.—Boots and Shoes of Leather.
Claims use since Dec. 1, 1925.

Ser. No. 225,610. (CLASS 39. CLOTHING.) KIRSCHNER & ALEXANDER, New York, N. Y. Filed Jan. 7, 1926.

THE Sport King

Particular description of goods.—Ladies' and Misses' Sport Coats.
Claims use since Nov. 10, 1925.

Ser. No. 225,658. (CLASS 39. CLOTHING.) HELMHOLZ SHOE MANUFACTURING COMPANY, Cudahy, Wis. Filed Jan. 8, 1926.

Sound Fut

Particular description of goods.—Leather Boots and Shoes.
Claims use since Mar. 1, 1924.

Ser. No. 225,659. (CLASS 39. CLOTHING.) HELMHOLZ SHOE MANUFACTURING COMPANY, Cudahy, Wis. Filed Jan. 8, 1926.

HELMHOLZ
Business-Bilders

Applicant disclaims exclusive right to the use of the surname "Helmholz" except in the particular arrangement and association shown.
Particular description of goods.—Leather Boots and Shoes.
Claims use since Dec. 29, 1925.

Ser. No. 225,668. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VALONE MANZER, Waukegan, Ill. Filed Jan. 8, 1926.

MOTH ROSE

Particular description of goods.—Moth Preventive.
Claims use since Apr. 26, 1915.

Ser. No. 225,683. (CLASS 39. CLOTHING.) HUGH M. SMALTZ, Marion, Ind. Filed Jan. 8, 1926.

TRY 2 RIP

Particular description of goods.—Fabric Gloves and Combination Fabric and Leather Gloves.
Claims use since June 1, 1925.

Ser. No. 225,696. (CLASS 39. CLOTHING.) LOUIS BASKIND, New York, N. Y. Filed Jan. 9, 1926.

Valley Brook

Particular description of goods.—Men's and Boys' Negligee, Work, and Dress Shirts, and Flannel, Cotton, Wool and Cotton, and All Wool Shirts and Pyjamas for Men and Boys.
Claims use since Dec. 2, 1925.

Ser. No. 225,731. (CLASS 39. CLOTHING.) R. A. PILCHER CO., INC., New York, N. Y. Filed Jan. 9, 1926.

Karleen

Particular description of goods.—Hosiery of Silk, Cotton, and Combinations for Men and Women.
Claims use since Dec. 21, 1925.

Ser. No. 225,795. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) E. B. MILLAR & COMPANY, Chicago, Ill. Filed Jan. 11, 1926.

Magnet

Particular description of goods.—Coffee and Tea.
Claims use since Jan. 1, 1926.

Ser. No. 225,798. (CLASS 39. CLOTHING.) NEW YORK MERCHANDISE COMPANY, New York, N. Y. Filed Jan. 11, 1926.

BESTMAID

Particular description of goods.—Shoes for Men, Women, and Children, of Leather, Rubber, or Fabric, and Combination of These Materials.
Claims use since Dec. 17, 1925.

Ser. No. 225,800. (CLASS 39. CLOTHING.) PENN LEATHER COMPANY, Philadelphia, Pa. Filed Jan. 11, 1926.

PENN PRINCE

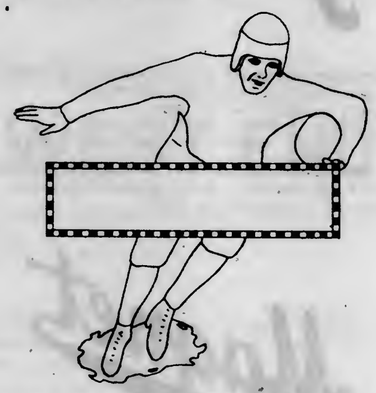
Particular description of goods.—Leather Soles, Taps, and Slip Soles.
Claims use since Nov. 23, 1925.

Ser. No. 225,808. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SHOTWELL MFG. CO., Chicago, Ill. Filed Jan. 11, 1926.

RED GRANGE

Consent of Harold E. Grange filed.
Particular description of goods.—Candy Bar.
Claims use since Dec. 1, 1925.

Ser. No. 225,809. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SHOTWELL MFG. CO., Chicago, Ill. Filed Jan. 11, 1926.



Particular description of goods.—Candy Bar.
Claims use since Dec. 1, 1925.

Ser. No. 225,810. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SHOTWELL MFG. CO., Chicago, Ill. Filed Jan. 11, 1926.



Particular description of goods.—Candy Bar.
Claims use since Dec. 1, 1925.

Ser. No. 225,828. (CLASS 39. CLOTHING.) LOUIS H. LEVINTON, New York, N. Y. Filed Jan. 12, 1926.

ZIP

Particular description of goods.—Detachable Pockets for Clothing.
Claims use since Jan. 2, 1926.

Ser. No. 225,830. (CLASS 39. CLOTHING.) LONDONTOWN CLOTHES, INC., Baltimore, Md. Filed Jan. 12, 1926.

Twist-Tex

Particular description of goods.—Men's Coats, Vests, Pants, Overcoats, and Topcoats.
Claims use since Mar. 7, 1925.

Ser. No. 225,844. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) E. C. RICH, INC., New York, N. Y. Filed Jan. 12, 1926. Under ten-year proviso.

RICH'S

Particular description of goods.—Crystallized Ginger, Stem Ginger, Preserved Ginger, Preserved Stem Ginger, Preserved Kumquats, Jelly Powder, Gelatin, Wine Jelly; Candy—Namely, Fruit-Flavored Tablets, Jujubes, Licorice Drops, Clear Gums, Spice Gums, and Gumdrops.
Claims use since 1887.

Ser. No. 225,846. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) E. C. RICH, INC., New York, N. Y. Filed Jan. 12, 1926. Under ten-year proviso.

RICH

Particular description of goods.—Crystallized Ginger, Stem Ginger, Preserved Ginger, Preserved Stem Ginger, Preserved Kumquats, Jelly Powder, Gelatin, Wine Jelly; Candy—Namely, Fruit-Flavored Tablets, Jujubes, Licorice Drops, Clear Gums, Spice Gums, and Gumdrops.
Claims use since 1887 on fruit-flavored tablets; since 1865 on crystallized ginger, stem ginger, preserved ginger, preserved stem ginger, and preserved kumquats, gelatin, and powdered gelatin; and since 1890 on wine jelly, jujubes, licorice drops, clear gums, spiced gums, and gumdrops.

Ser. No. 225,862. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ARTHUR H. THOMAS COMPANY, Philadelphia, Pa. Filed Jan. 12, 1926.

DEHYDRITE

Particular description of goods.—Chemical Compounds for Absorbing Moisture in Steel and Organic-Combustion Analysis.
Claims use since Jan. 6, 1926.

Ser. No. 225,856. (CLASS 39. CLOTHING.) ABE N. ADELSON, INC., New York, N. Y. Filed Jan. 13, 1926.

LONGCHAMPS

Particular description of goods.—Ladies' Hats.
Claims use since Nov. 2, 1925.

Ser. No. 225,868. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BROWN MANUFACTURING CO., Le Roy, N. Y. Filed Jan. 13, 1926.

KALO

Particular description of goods.—Remedy for Constipation.
Claims use since May, 1911.

Ser. No. 225,871. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ELMER E. COOK, Onalaska, Wash. Filed Jan. 13, 1926



Particular description of goods.—Salve or Plaster for Treating Cancer.
Claims use since Nov. 1, 1925.

Ser. No. 225,894. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) STORFER LABORATORIES INC., New York, N. Y. Filed Jan. 13, 1926.

VALOIS

Particular description of goods.—Perfumes, Toilet Waters, Face Lotions, Face Creams, Face and Toilet Powders, Rouges, Lip Sticks, and Bath Salt.
Claims use since about Dec. 1, 1925.

Ser. No. 225,900. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) IRVING WEINBERG, doing business as Liberty Laboratories, Bridgeport, Conn. Filed Jan. 13, 1926.

TAZA

Particular description of goods.—Hair Tonic.
Claims use since May 15, 1925.

Ser. No. 225,904. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ZOLLINGER & SCHROTH, INC., New York, N. Y. Filed Jan. 13, 1926.

ROSEMONT CREPE

No rights are asserted to the exclusive use of the word "Crepe."
Particular description of goods.—Silk Piece Goods.
Claims use since Dec. 15, 1925.

Ser. No. 225,911. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE BRADLEY, SMITH CO., New Haven, Conn. Filed Jan. 14, 1926.

PREXY

Particular description of goods.—Candy.
Claims use since Jan. 12, 1926.

Ser. No. 225,941. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SAN-MAN CHOCOLATES CO., Boston, Mass. Filed Jan. 14, 1926.

Wayside Inn

Particular description of goods.—Chocolate Candies.
Claims use since Nov. 13, 1925.

Ser. No. 225,979. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROCKWOOD & CO., New York, N. Y. Filed Jan. 15, 1926.

DECORETTES

Particular description of goods.—Shredded Chocolate.
Claims use since May, 1922.

Ser. No. 225,999. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) J. EINSTEIN, INC., New York, N. Y. Filed Jan. 16, 1926.

Satnu

Particular description of goods.—Cotton, Silk, Satin, and Velvet Piece Goods.
Claims use since Dec. 15, 1925.

Ser. No. 226,010. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN OPPIE MCCALL, New York, N. Y. Filed Jan. 16, 1926.

CAL-SO-DENT

Particular description of goods.—Dentifrices.
Claims use since Sept. 1, 1925.

Ser. No. 226,048. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DARLING PRODUCTS, INC., Troy, N. Y. Filed Jan. 18, 1926.

Bath Joy

Particular description of goods.—Bath Salts.
Claims use since Nov. 28, 1925.

Ser. No. 226,081. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SCIENTIFIC PRODUCTS, INC., Wilmington, Del., and Chicago, Ill. Filed Jan. 18, 1926.

Calsprin

Particular description of goods.—Medicinal Tablets for the Treatment of Headaches, Neuralgia, Colds, Grippe, Sore Throat, Toothache, Earache, Rheumatism, Lumbago, Sciatica, and the Like.
Claims use since Jan. 11, 1926.

Ser. No. 226,103. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) L. A. HOPKINS MEDICINE CO., Atlanta, Ga. Filed Jan. 19, 1926.

KIORAN

Particular description of goods.—Tonic and Intestinal Eliminant.
Claims use since Apr. 1, 1925.

Ser. No. 226,105. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LE FRANE LABORATORIES, INC., New York, N. Y. Filed Jan. 19, 1926.

MIDEX

Particular description of goods.—Antiseptic in Tablet Form.
Claims use since Jan. 7, 1926.

Ser. No. 226,107. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MERIDIAN TEXTILE CORPORATION, New York, N. Y. Filed Jan. 19, 1926.

Irene

Particular description of goods.—Piece Goods Made of Cotton.
Claims use since Dec. 5, 1925.

Ser. No. 226,150. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MEYER KOMINSKY, doing business as Reyem Cie., New York, N. Y. Filed Jan. 20, 1926.

Reyem

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Perfumes, Incense, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, Talcum Powders, Eyebrow Pencils, Lip Sticks, Lip Pomade, and Sachet.
Claims use since May 5, 1925.

Ser. No. 226,168. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FLORIAN JOSEPH SCHMIDT, Palm Beach, Fla. Filed Jan. 20, 1926.

RED BIRD

Particular description of goods.—Liver Renovators.
Claims use since January, 1922.

Ser. No. 226,189. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) F. JOHN FELDHAHN, doing business as Kasto-Mul Company, Independence, Mo. Filed Jan. 21, 1926.

Kasto-Mul

Particular description of goods.—Castor-Oil Emulsion.
Claims use since Nov. 20, 1925.

Ser. No. 226,191. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PAUL M. FOX, Chicago, Ill. Filed Jan. 21, 1926.

BEAUTY GLO

Particular description of goods.—Reducing Powder.
Claims use since Nov. 1, 1925.

Ser. No. 226,221. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) A. T. BAKER & CO. INC., Manayunk, Philadelphia, Pa. Filed Jan. 22, 1926.

"Woolton"

Particular description of goods.—Pile Fabrics in the Piece.
Claims use since on or about Dec. 17, 1925.

Ser. No. 226,222. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) A. T. BAKER & CO. INC., Manayunk, Philadelphia, Pa. Filed Jan. 22, 1926. Under ten-year proviso.

BAKER

Particular description of goods.—Pile Fabrics in the Piece.
Claims use since on or about Jan. 1, 1890.

Ser. No. 226,268. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MERVIN H. WILLIAMS, New Britain, Conn. Filed Jan. 22, 1926.

M H W

Particular description of goods.—Healing Cream for Burns, Scalds, Inflammation, Chapped Hands, Sores, Etc.
Claims use since Jan. 14, 1926.

Ser. No. 226,296. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MATÉ, INC., Philadelphia, Pa. Filed Jan. 23, 1926.

Tout 'En Fleur

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Lip Sticks, Eyebrow Pencils, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powder, Nail Polishes, Deodorising Preparations, Foot Powders, Bath Salts, Smelling Salts, Sachets, and Incense.
Claims use since Dec. 14, 1925.

Ser. No. 226,302. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PLE-JUR PRODUCTS CO., Glenside, Pa. Filed Jan. 23, 1926.

Ple-jur

Particular description of goods.—Talcum Powder.
Claims use since about July 2, 1924.

Ser. No. 226,314. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE UPJOHN COMPANY, Kalamazoo, Mich. Filed Jan. 23, 1926.

Calcionates

Particular description of goods.—Effervescent Salt for the Treatment of Nutritional Disorders.
Claims use since Nov. 17, 1925.

Ser. No. 226,340. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DETROIT DENTAL MANUFACTURING CO., Detroit, Mich. Filed Jan. 25, 1926.

TRI-CHLOR

Particular description of goods.—Antiseptics and Germicides.
Claims use since Jan. 14, 1926.

TRADE-MARK REGISTRATIONS GRANTED

MARCH 2, 1926.

[ACT OF FEBRUARY 20, 1905.]

209,645. WORK GLOVES, MITTENS, AND GAUNTLETS MADE FROM FABRIC AND COMBINATIONS OF FABRIC AND LEATHER. M. B. HAMILTON & Co., Leavenworth, Kans.
Filed October 16, 1925. Serial No. 221,823. PUBLISHED DECEMBER 8, 1925.

209,646. WORK GLOVES, MITTENS, AND GAUNTLETS MADE FROM FABRIC AND COMBINATIONS OF FABRIC AND LEATHER. M. B. HAMILTON & Co., Leavenworth, Kans.
Filed October 16, 1925. Serial No. 221,822. PUBLISHED DEGEMBER 8, 1925.

209,647. WORK GLOVES, MITTENS, AND GAUNTLETS MADE FROM FABRIC AND COMBINATIONS OF FABRIC AND LEATHER. M. B. HAMILTON & Co., Leavenworth, Kans.
Filed October 16, 1925. Serial No. 221,821. PUBLISHED DECEMBER 8, 1925.

209,648. WORK GLOVES, MITTENS, AND GAUNTLETS MADE FROM FABRIC AND COMBINATIONS OF FABRIC AND LEATHER. M. B. HAMILTON & Co., Leavenworth, Kans.
Filed October 16, 1925. Serial No. 221,820. PUBLISHED DECEMBER 8, 1925.

209,649. WORK GLOVES, MITTENS, AND GAUNTLETS MADE FROM FABRIC AND COMBINATIONS OF FABRIC AND LEATHER. M. B. HAMILTON & Co., Leavenworth, Kans.
Filed October 16, 1925. Serial No. 221,819. PUBLISHED DECEMBER 8, 1925.

209,650. WORK GLOVES, MITTENS, AND GAUNTLETS MADE FROM FABRIC AND COMBINATIONS OF FABRIC AND LEATHER. M. B. HAMILTON & Co., Leavenworth, Kans.
Filed October 16, 1925. Serial No. 221,818. PUBLISHED DECEMBER 8, 1925.

209,651. COFFEE. THE WOOLSON SPICE COMPANY, Toledo, Ohio.
Filed October 15, 1925. Serial No. 221,795. PUBLISHED DECEMBER 15, 1925.

209,652. CHILDREN'S DRESSES, CREEPERS, ROMPERS, AND PLAY SUITS. GORDON BROS., Cambridge, Mass.
Filed October 15, 1925. Serial No. 221,743. PUBLISHED DECEMBER 8, 1925.

209,653. MEDICINE FOR THE RELIEF OF PAINFUL MENSTRUATION (DYSMENORRHEA). R & G LABORATORIES, Hollywood, Calif.
Filed October 13, 1925. Serial No. 221,674. PUBLISHED DECEMBER 1, 1925.

209,654. MEDICINAL TABLETS FOR THE TREATMENT OF DISEASES OF WOMEN. THE PISO COMPANY, Warren, Pa.
Filed October 13, 1925. Serial No. 221,673. PUBLISHED DECEMBER 1, 1925.

209,655. LOTION FOR THE TREATMENT OF HEMORRHOIDAL COMPLAINTS. SIDNEY S. RUSSELL, doing business as The Drysorb Company, St. Louis, Mo.
Filed October 12, 1925. Serial No. 221,639. PUBLISHED DECEMBER 8, 1925.

209,656. DANDRUFF REMEDY. GEORGE W. NOONAN, San Bernardino, Calif.
Filed October 12, 1925. Serial No. 221,634. PUBLISHED DECEMBER 8, 1925.

209,657. COMPLEXION CREAM. MARTHA E. HANCOCK, doing business as The Martha Hancock Co., Springfield, Mass.
Filed October 9, 1925. Serial No. 221,486. PUBLISHED DECEMBER 1, 1925.

209,658. MEN'S, WOMEN'S, AND CHILDREN'S SHOES, SLIPPERS, PUMPS, AND SANDALS MADE WHOLLY OR PARTLY OF LEATHER. BUSK & COMPANY, Philadelphia, Pa.
Filed October 9, 1925. Serial No. 221,477. PUBLISHED DECEMBER 8, 1925.

209,659. HATS AND CAPS FOR MEN, WOMEN, AND CHILDREN AND LADIES' AND MISSES' HAT FRAMES AND HAT LININGS. HARRY ROBBINS, doing business as Robbin's Hats, Baltimore, Md.
Filed October 7, 1925. Serial No. 221,383. PUBLISHED DECEMBER 8, 1925.

209,660. PIMPLE CREAM. LESLIE E. CULVER, doing business as The Lesculene Co., Henderson, Ky.
Filed October 6, 1925. Serial No. 221,306. PUBLISHED DECEMBER 15, 1925.

209,661. SEEDS—NAMELY, TIMOTHY, CLOVER, ALSIKE, ALFALFA, REDTOP, BLUE GRASSES, RAPE, VETCHES, AMBER CANE, PEAS, BEANS, MILLETS, POP CORN, GRASS SEEDS, GRASS-SEED MIXTURES, SEED CORN, AND SEED GRAINS. THE STANFORD SEED COMPANY, INC., Buffalo, N. Y.
Filed October 3, 1925. Serial No. 221,214. PUBLISHED DECEMBER 8, 1925.

209,662. HOSIERY FOR MEN, WOMEN, AND CHILDREN. MIKADO HOSIERY CO., South Bend, Ind.
Filed October 2, 1925. Serial No. 221,133. PUBLISHED DECEMBER 8, 1925.

209,663. MEN'S, LADIES', AND CHILDREN'S UNDERWEAR OF TEXTILE FABRIC, AND HOSIERY, SWEATERS, AND BATHING SUITS. DIXIE UNDERWEAR CO., INC., Montgomery, Ala.
Filed October 2, 1925. Serial No. 221,100. PUBLISHED DECEMBER 8, 1925.

209,664. SHELLED AND TOASTED PECANS AND SHELLED, TOASTED, AND SALTED PECANS. DIXIE PECAN GROWERS EXCHANGE, INC., Barnesville, Ga.
Filed October 2, 1925. Serial No. 221,097. PUBLISHED DECEMBER 15, 1925.

209,665. PASTE AND READY-MIXED PAINT, PAINT ENAMELS, VARNISH, VARNISH GOLD AND ALUMINUM PIGMENTS, PREPARED LIQUID SHELLAC, WOODWORK AND FURNITURE POLISH, STAINS, OILS FOR DRESSING WOODWORK, AND FLOOR AND FURNITURE WAX. FLOOR SHINE PAINT & VARNISH COMPANY, St. Louis, Mo.
Filed June 4, 1925. Serial No. 215,296. PUBLISHED DECEMBER 8, 1925.

209,666. MONTHLY PUBLICATION. AMUSEMENT PUBLISHING CO., Atlantic City, N. J.
Filed June 4, 1925. Serial No. 215,289. PUBLISHED OCTOBER 27, 1925.

209,667. LOCK NUTS. SUPRALOCK NUT CORPORATION, New York, N. Y.
Filed June 3, 1925. Serial No. 215,281. PUBLISHED DECEMBER 8, 1925.

209,668. CLEANSER AND POLISHER FOR VARNISHED AND ENAMELED SURFACES IN GENERAL, INCLUDING AUTOMOBILES, FURNITURE, AND WOODWORK. L. C. SMITH & CO., Vinalhaven, Me.
Filed June 1, 1925. Serial No. 215,187. PUBLISHED DECEMBER 8, 1925.

209,669. HAIRDRESSING. MRS. J. MCNALLY, Waco, Tex.
Filed May 29, 1925. Serial No. 215,081. PUBLISHED DECEMBER 1, 1925.

209,670. HAIR GROWERS, HAIR DRESSINGS, HAIR POMADES, AND SHAMPOOS. ESTELLA WILLIAMS, Newark, N. J.
Filed May 27, 1925. Serial No. 214,985. PUBLISHED DECEMBER 15, 1925.

209,671. GAS, OIL, COAL, WOOD, AND HYDROCARBON STOVES. AMERICAN STOVE COMPANY, St. Louis, Mo.
Filed May 26, 1925. Serial No. 214,905. PUBLISHED DECEMBER 8, 1925.

209,672. RAW PRODUCE—NAMELY, POTATOES, BEANS, ONIONS, AND CABBAGES. THE FARR PRODUCE COMPANY, Greeley, Colo.
Filed May 21, 1925. Serial No. 214,652. PUBLISHED DECEMBER 15, 1925.

209,673. QUARTERLY PUBLICATION. PAYSON & CLARKE, LTD., New York, N. Y.
Filed May 16, 1925. Serial No. 214,439. PUBLISHED SEPTEMBER 15, 1925.

209,674. GIRDLES, CORSETS, CORSELETS, BANDEAUX, AND REDUCING GARMENTS—NAMELY, HIP AND LIMB SHAPES, AND BUST REDUCERS. THE BOYSHFORM BRASSIÈRE CO., New York, N. Y.
Filed May 15, 1925. Serial No. 214,349. PUBLISHED DECEMBER 8, 1925.

209,675. MINERAL COMPOUNDS FOR WATER SOFTENERS. ROY J. HELD, Freeport, Ill.
Filed May 14, 1925. Serial No. 214,320. PUBLISHED DECEMBER 15, 1925.

209,676. SWEATERS, SWEATER JACKETS, GOLF HOSE, BATHING SUITS, MUFFLERS, AND CAPS FOR MEN, WOMEN, AND CHILDREN. PECKHAM-FOREMAN, INC., New York, N. Y.
Filed May 9, 1925. Serial No. 214,093. PUBLISHED DECEMBER 8, 1925.

209,677. GAS AND OIL BURNERS AND COMBUSTION-REGULATING EQUIPMENT. DOHERTY RESEARCH COMPANY, Bartlesville, Okla., and New York, N. Y.
Filed May 9, 1925. Serial No. 214,064. PUBLISHED DECEMBER 8, 1923.

209,678. EMPTY PAPER CONTAINERS AND CARTONS FOR ICE CREAM AND SIMILAR PRODUCTS. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis.
Filed May 7, 1925. Serial No. 213,986. PUBLISHED DECEMBER 15, 1925.

209,679. COTTON PIECE GOODS. ABBEVILLE COTTON MILLS, Abbeville, S. C.
Filed April 30, 1925. Serial No. 213,543. PUBLISHED DECEMBER 8, 1925.

209,680. WOMEN'S AND CHILDREN'S UNDERWEAR MADE OF KNITTED OR TEXTILE FABRIC. PANELON UNDERWEAR COMPANY, INC., Attleboro, Mass.
Filed September 1, 1925. Serial No. 219,643. PUBLISHED DECEMBER 8, 1925.

209,681. WOMEN'S AND CHILDREN'S UNDERWEAR MADE OF KNITTED OR TEXTILE FABRIC. PANELON UNDERWEAR COMPANY, INC., Attleboro, Mass.
Filed September 1, 1925. Serial No. 219,642. PUBLISHED DECEMBER 8, 1925.

209,682. WOMEN'S AND CHILDREN'S UNDERWEAR MADE OF KNITTED OR TEXTILE FABRIC. PANELON UNDERWEAR COMPANY, INC., Attleboro, Mass.
Filed September 1, 1925. Serial No. 219,641. PUBLISHED DECEMBER 8, 1925.

209,683. WOMEN'S AND CHILDREN'S UNDERWEAR MADE OF KNITTED OR TEXTILE FABRIC. PANELON UNDERWEAR COMPANY, INC., Attleboro, Mass.
Filed September 1, 1925. Serial No. 219,640. PUBLISHED DECEMBER 8, 1925.

209,684. CLEANSER IN POWDER FORM. MEYER LEVIN, doing business as Jof and Gee Chemical Co., Newark, Ohio.
Filed August 26, 1925. Serial No. 219,398. PUBLISHED DECEMBER 8, 1925.

209,685. SILK, WOOL, AND COTTON HOSIERY AND KNITTED UNDERWEAR. BERTRAM LEVY, New York, N. Y.
Filed August 25, 1925. Serial No. 219,340. PUBLISHED DECEMBER 8, 1925.

209,686. VARNISH. SUMMIT VARNISH COMPANY, Summit, Ill.
Filed August 21, 1925. Serial No. 219,211. PUBLISHED DECEMBER 8, 1925.

209,687. OILS, COMPOUND OF OILS, AND VEGETABLE AND MINERAL OILS. KALI MANUFACTURING CO., Philadelphia, Pa.
Filed August 19, 1925. Serial No. 219,074. PUBLISHED DECEMBER 1, 1925.

209,688. WALL BOARD AND PLASTER LATH. BUTTRESS MANUFACTURING CO., Los Angeles, Calif.
Filed August 17, 1925. Serial No. 218,961. PUBLISHED DECEMBER 8, 1925.

209,689. TABLE GRAPES. MINIUM & POLLOK, Tipton, Calif.
Filed August 27, 1925. Serial No. 219,438. PUBLISHED DECEMBER 8, 1925.

209,690. SELF-RISING WHEAT FLOUR. BOONVILLE MILLS COMPANY, Boonville, Mo.
Filed August 17, 1925. Serial No. 218,947. PUBLISHED DECEMBER 8, 1925.

209,691. BEESWAX, SPERMACETI, AND CERESIN. E. A. BROMUND CO., New York, N. Y.
Filed August 13, 1925. Serial No. 218,790. PUBLISHED DECEMBER 1, 1925.

209,692. LOTION FOR TREATMENT IN CASES OF PERSONS SUFFERING ATTACKS OF HIGH BLOOD PRESSURE, HEAT AND SUN STROKE, FATIGUE, PHYSICAL EXHAUSTION, AND THE LIKE, ALSO AS A PREVENTIVE AND REMEDY FOR THE TREATMENT OF SKIN DISEASES CAUSED BY PERSPIRATION, AND ALSO FOR DESTROYING BODY ODORS. CHARLES POETZL, doing business as Poetzl Chemical Co., Baltimore, Md.
Filed August 12, 1925. Serial No. 218,777. PUBLISHED DECEMBER 15, 1925.

209,693. COUGH MEDICINES. FRANK W. A. HAIN, doing business as Reo Chemical Co., Newark, N. J.
Filed August 11, 1925. Serial No. 218,699. PUBLISHED DECEMBER 1, 1925.

209,694. LIME AND PLASTER MIXTURES. ROCKLAND & ROCKPORT LIME CORPORATION, Rockland, Me.
Filed August 10, 1925. Serial No. 218,664. PUBLISHED DECEMBER 8, 1925.

209,695. EMBALMING FLUID. THE EMBALMERS' SUPPLY COMPANY, Westport, Conn.
Filed August 3, 1925. Serial No. 218,297. PUBLISHED DECEMBER 15, 1925.

209,696. TONIC EMBROCATION FOR SKIN AND SCALP. COSMOS PRODUCTS ROCHESTER, Rochester, N. Y.
Filed August 3, 1925. Serial No. 218,298. PUBLISHED DECEMBER 15, 1925.

209,697. MEN'S, WOMEN'S, AND CHILDREN'S HOSIERY. HAYMON KRUPP & Co., El Paso, Tex.
Filed July 8, 1925. Serial No. 217,027. PUBLISHED DECEMBER 8, 1925.

209,698. FRESH DECIDUOUS FRUITS, FRESH PEACHES AND APRICOTS, FRESH CANTALOUPES, AND FRESH GRAPES. HARRY ARAKELIAN & SON, Turlock, Calif
Filed July 6, 1925. Serial No. 216,867. PUBLISHED DECEMBER 8, 1925.

209,699. CANDY. J. G. MCDONALD CHOCOLATE COMPANY, Salt Lake City, Utah.
Filed July 2, 1925. Serial No. 216,790. PUBLISHED DECEMBER 15, 1925.

209,700. UNBLEACHED COTTON SHEETINGS, BLEACHED FABRICS, AND YARN-DYED FABRICS MADE WHOLLY OF COTTON. OTTO H. HINCK, New York, N. Y.
Filed October 17, 1925. Serial No. 221,899. PUBLISHED DECEMBER 15, 1925.

209,701. SKIN LOTION. FRIEDA F. SHIELEY, Brookline, Mass.
Filed October 17, 1925. Serial No. 221,920. PUBLISHED DECEMBER 1, 1925.

209,702. CANDY. THE BRECHT CANDY COMPANY, Denver, Colo.
Filed October 20, 1925. Serial No. 222,004. PUBLISHED DECEMBER 15, 1925.

209,703. CANDY. THE BRECHT CANDY COMPANY, Denver, Colo.
Filed October 20, 1925. Serial No. 222,007. PUBLISHED DECEMBER 15, 1925.

209,704. FLORIDA CITROUS FRUIT IN NATURAL STATE AS PICKED FROM TREES. R. D. KEENE & CO., Eustis, Fla.
Filed October 22, 1925. Serial No. 222,124. PUBLISHED DECEMBER 8, 1925.

209,705. OINTMENT FOR THE TREATMENT OF ECZEMA, TETTER, AND PILES. A. C. BRUBAKER, Luray, Va.
Filed October 23, 1925. Serial No. 222,162. PUBLISHED DECEMBER 1, 1925.

209,706. FACE POWDER, VANISHING CREAM, COLD CREAM, LIP STICK, COMPLEXION CAKE, ROUGE, TOILET WATER, TALCUM POWDER, BATH SALTS, HAIR TONIC, SACHET POWDER, AND PERFUME. CHICAGO MAIL ORDER COMPANY, Chicago, Ill.
Filed October 23, 1925. Serial No. 222,163. PUBLISHED DECEMBER 1, 1925.

209,707. FRESH VEGETABLES—NAMELY, ASPARAGUS. JAMES W. HOLLENBECK, Clarksburg, Calif.
Filed October 24, 1925. Serial No. 222,243. PUBLISHED DECEMBER 8, 1925.

209,708. DISINFECTANTS. FRANK S. LYNDALL, doing business as Elbar Laboratories, Chicago, Ill.
Filed October 24, 1925. Serial No. 222,264. PUBLISHED DECEMBER 1, 1925.

209,709. CANDY BARS. AURVAL CANDY COMPANY, Minneapolis, Minn.
Filed October 26, 1925. Serial No. 222,298. PUBLISHED DECEMBER 15, 1925.

209,710. LETTUCE. J. G. ROBINSON LETTUCE FARMS, INC., Monroe, Wash.
Filed October 29, 1925. Serial No. 222,522. PUBLISHED DECEMBER 8, 1925.

209,711. PAPER BAGS. ADVANCE BAG AND PAPER COMPANY, INC., Boston, Mass.
Filed October 30, 1925. Serial No. 222,541. PUBLISHED DECEMBER 15, 1925.

209,712. PAPER BAGS. ADVANCE BAG AND PAPER COMPANY, INC., Boston, Mass.
Filed October 30, 1925. Serial No. 222,542. PUBLISHED DECEMBER 15, 1925.

209,713. BILLIARD AND POOL TABLE COVERING CLOTHS. ROTH & NATHAN, INC., New York, N. Y.
Filed September 12, 1925. Serial No. 220,204. PUBLISHED DECEMBER 15, 1925.

209,714. HAND-WOVEN CHINESE WOOL RUGS USED ONLY FOR FLOOR COVERINGS. SENAY, GROOM & IPSWITCH, San Francisco, Calif.
Filed September 14, 1925. Serial No. 220,255. PUBLISHED DECEMBER 15, 1925.

209,715. CANNED FRUITS, CANNED VEGETABLES, CANNED FISH, COFFEE, TEA, CANNED PORK AND BEANS, EVAPORATED MILK, CHILI SAUCE, APPLE-CIDER VINEGAR, FRUIT PRESERVES, SPICES, AND ROLLED OATS. PETER G. LENNON, doing business as Peter G. Lennon & Co., Joliet, Ill.
Filed September 16, 1925. Serial No. 220,310. PUBLISHED DECEMBER 15, 1925.

209,716. FUEL BRIQUETTES. THE P. E. WELTON ENGINEERING COMPANY, Akron, Ohio.
Filed September 17, 1925. Serial No. 220,379. PUBLISHED DECEMBER 8, 1925.

209,717. TENNIS RACKETS. WILSON-WESTERN SPORTING GOODS CO., Chicago, Ill.
Filed September 18, 1925. Serial No. 220,433. PUBLISHED DECEMBER 15, 1925.

209,718. TENNIS RACKETS. WILSON-WESTERN SPORTING GOODS CO., Chicago, Ill.
Filed September 18, 1925. Serial No. 220,434. PUBLISHED DECEMBER 15, 1925.

209,719. PREPARATION FOR THE TREATMENT OF DANDRUFF. LESTER L. BUTTERY, doing business as Bid-O Dander Co., Cuero, Tex.
Filed October 1, 1925. Serial No. 221,048. PUBLISHED DECEMBER 1, 1925.

209,720. PREPARATION FOR THE TREATMENT OF THE CIGARETTE HABIT. KENNARD E. GOODMAN, Wilmington, Ohio.
Filed October 1, 1925. Serial No. 221,054. PUBLISHED DECEMBER 1, 1925.

209,721. HOSIERY. THE INTERSTATE DRY GOODS SYNDICATE, Huntington, W. Va.
Filed October 1, 1925. Serial No. 221,067. PUBLISHED DECEMBER 8, 1925.

209,722. TOOTHBRUSHES. THE MIC-LIS MANUFACTURING CO., Toledo, Ohio.
Filed October 2, 1925. Serial No. 221,132. PUBLISHED DECEMBER 15, 1925.

209,723. PERFUME, FACE POWDER, FACE-POWDER COMPACTS, TOILET WATER, ROUGE, BODY-DUSTING POWDER, BEAUTY CREAM, AND CLEANSING CREAM. UNITED DRUG COMPANY, Boston, Mass., trading under the name and style of Langlois, New York, N. Y.
Filed October 2, 1925. Serial No. 221,150. PUBLISHED NOVEMBER 17, 1925.

209,724. HAIR TONIC. HOMER ASHLEY, doing business as Ashley and Company, Dallas, Tex.
Filed October 3, 1925. Serial No. 221,158. PUBLISHED DECEMBER 1, 1925.

209,725. RUSSIAN MINERAL OIL FOR MEDICINAL USE. ORMONT DRUG & CHEMICAL CO., INC., Long Island City, N. Y.
Filed October 3, 1925. Serial No. 221,200. PUBLISHED DECEMBER 1, 1925.

209,726. COMPOSITION FOR STOPPING LEAKS IN RADIATORS, STEAM AND HOT-WATER HEATING SYSTEMS, WATER JACKETS, AND CIRCULATING PIPES. CHARLES W. GOULD, Los Angeles, Calif.
Filed October 8, 1925. Serial No. 221,417. PUBLISHED DECEMBER 8, 1925.

209,727. FRESH ORANGES, GRAPEFRUIT, AND TANGERINES. THE VERGON SON & COMPANY, INC., Delaware, Ohio.
Filed October 9, 1925. Serial No. 221,522. PUBLISHED DECEMBER 8, 1925.

209,728. COTTON PIECE GOODS. THE QUINEBAUG COMPANY, Danielson, Conn.
Filed October 14, 1925. Serial No. 221,716. PUBLISHED DECEMBER 15, 1925.

209,729. CIGARETTES, SMOKING AND CHEWING TOBACCO, AND SNUFF. KINGDOM OF ITALY, Rome, Italy.
Filed October 16, 1925. Serial No. 221,836. PUBLISHED DECEMBER 15, 1925.

209,730. MEN'S OVERCOATS, SUITS, AND PANTS, BOYS' SUITS, OVERCOATS, BLOUSES, AND PANTS; AND MEN'S AND BOYS' SHIRTS. CHICAGO MAIL ORDER COMPANY, Chicago, Ill.
Filed October 17, 1925. Serial No. 221,876. PUBLISHED DECEMBER 8, 1925.

209,731. MEDICINE FOR THE TREATMENT OF COUGHS, COLDS, WHOOPING COUGH, ASTHMA, BRONCHITIS, AND ALL AFFECTIONS OF LUNGS AND THROAT. BORIS M. GRABER, doing business as The Flam Company, Chicago, Ill.
Filed October 17, 1925. Serial No. 221,893. PUBLISHED DECEMBER 1, 1925.

209,732. LADIES' DRESSES, KNITTED DRESSES, KNITTED SUITS, KNITTED SWEATERS, COATS, AND SCARFS. ROBERT RICHARD BORONOW, Montreal, Quebec, Canada.
Filed July 2, 1925. Serial No. 216,771. PUBLISHED DECEMBER 8, 1925.

209,733. CANNED FRUIT. TULARE PACKING COMPANY, Tulare, Calif.
Filed June 29, 1925. Serial No. 216,654. PUBLISHED DECEMBER 15, 1925.

209,734. LACQUER. THE EGYPTIAN LACQUER MANUFACTURING COMPANY, New York, N. Y.
Filed June 17, 1925. Serial No. 215,902. PUBLISHED DECEMBER 8, 1925.

209,735. DRIED RAISINS. DR. CHARLES M. HICKEY, Tulsa, Okla., doing business as Fruit Products Co., assignor to The Lazy-Raisin Company, Cincinnati, Ohio, a Corporation of Ohio.
Filed June 11, 1925. Serial No. 215,630. PUBLISHED DECEMBER 8, 1925.

209,736. VARNISH. THE ROCKY MOUNTAIN PRODUCTS CO., Brooklyn, N. Y.
Filed June 30, 1925. Serial No. 216,697. PUBLISHED DECEMBER 8, 1925.

209,737. PREPARATIONS FOR THE TREATMENT OF INTESTINAL AND LIVER DISEASES. THE SYDNEY ROSS CO., Newark, N. J.
Filed October 26, 1925. Serial No. 222,352. PUBLISHED DECEMBER 15, 1925.

209,738. PREPARATIONS FOR THE TREATMENT OF INTESTINAL AND LIVER DISEASES. THE SYDNEY ROSS CO., Newark, N. J.
Filed October 26, 1925. Serial No. 222,351. PUBLISHED DECEMBER 15, 1925.

209,739. ANTIFREEZE MIXTURE FOR RADIATOR USE. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio.
Filed October 24, 1925. Serial No. 222,278. PUBLISHED DECEMBER 8, 1925.

209,740. HOSIERY. BONWIT TELLER & CO., New York, N. Y.
Filed October 24, 1925. Serial No. 222,216. PUBLISHED DECEMBER 8, 1925.

209,741. LADIES' AND MISSES' COATS, SUITS, GOWNS, SKIRTS, WAISTS, AND SWEATERS. KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa.
Filed October 23, 1925. Serial No. 222,183. PUBLISHED DECEMBER 8, 1925.

209,742. WHEAT FLOUR. EGERTON BROTHERS, Baltimore, Md.
Filed October 23, 1925. Serial No. 222,169. PUBLISHED DECEMBER 8, 1925.

209,743. WOMEN'S DRESSES. ISAAC GINSBERG & BROS., INC., New York, N. Y.
Filed October 22, 1925. Serial No. 222,113. PUBLISHED DECEMBER 8, 1925.

209,744. HUMIDIFYING CHEMICAL COMPOUND. ATMOS PRODUCTS CORPORATION, New York, N. Y.
Filed October 21, 1925. Serial No. 222,058. PUBLISHED DECEMBER 1, 1925.

209,745. LYE. GEORGE G. RANDALL, doing business as The Newater Company, Chicago, Ill.
Filed October 20, 1925. Serial No. 222,047. PUBLISHED DECEMBER 15, 1925.

209,746. COATS, VESTS, PANTS, OVERCOATS, AND TOPCOATS FOR MEN AND BOYS. KLING BROS. & CO., INC., Chicago, Ill.
Filed October 20, 1925. Serial No. 222,034. PUBLISHED DECEMBER 8, 1925.

209,747. RIDING PANTS OR RIDING TROUSERS. A. B. FRANK COMPANY, San Antonio, Tex.
Filed October 20, 1925. Serial No. 222,022. PUBLISHED DECEMBER 8, 1925.

209,748. BLOOMERS AND MEN'S, WOMEN'S, AND CHILDREN'S UNDERWEAR CONSTRUCTED OF WOVEN OR KNITTED FABRIC. WINGET KICKERNICK COMPANY, Minneapolis, Minn.
Filed October 19, 1925. Serial No. 221,995. PUBLISHED DECEMBER 8, 1925.

209,749. ANTIFREEZING SOLUTIONS. THERMELY MANUFACTURING COMPANY, INC., Rensselaer, Ind.
Filed October 19, 1925. Serial No. 221,985. PUBLISHED DECEMBER 15, 1925.

209,750. HERBS FOR LIVER AND KIDNEY COMPLAINTS. THE MICHIGAN DRUG CO., Detroit, Mich.
Filed October 17, 1925. Serial No. 221,909. PUBLISHED DECEMBER 15, 1925.

209,751. PETROLEUM JELLY AND COMPOUNDS OF PETROLEUM JELLY WITH WITCH-HAZEL, PETROLEUM JELLY AND CARBOLIC ACID, PETROLEUM JELLY AND CAPSICUM, SUCH JELLY AND COMPOUNDS INTENDED FOR EXTERNAL USE ON THE SKIN, HAIR, AND OTHER PARTS OF THE BODY. THE MICHIGAN DRUG CO., Detroit, Mich.
Filed October 17, 1925. Serial No. 221,908. PUBLISHED DECEMBER 8, 1925.

209,752. COMPOUND OF SARSAPARILLA AND TONIC CAPSULES FOR RHEUMATISM, SCROFULA, LIVER COMPLAINT, AND SKIN DISEASES. THE MICHIGAN DRUG CO., Detroit, Mich.
Filed October 17, 1925. Serial No. 221,907. PUBLISHED DECEMBER 15, 1925.

209,753. WORK GLOVES, MITTENS, AND GAUNTLETS MADE FROM FABRIC AND COMBINATIONS OF FABRIC AND LEATHER. M. B. HAMILTON & CO., Leavenworth, Kans.
Filed October 16, 1925. Serial No. 221,829. PUBLISHED DECEMBER 8, 1925.

209,754. WORK GLOVES, MITTENS, AND GAUNTLETS MADE FROM FABRIC AND COMBINATIONS OF FABRIC AND LEATHER. M. B HAMILTON & CO., Leavenworth, Kans.
Filed October 16, 1925. Serial No. 221,828. PUBLISHED DECEMBER 8, 1925.

209,755. WORK GLOVES, MITTENS, AND GAUNTLETS MADE FROM FABRIC AND COMBINATIONS OF FABRIC AND LEATHER. M. B. HAMILTON & CO., Leavenworth, Kans.
Filed October 16, 1925. Serial No. 221,826. PUBLISHED DECEMBER 8, 1925.

209,756. WORK GLOVES, MITTENS, AND GAUNTLETS MADE FROM FABRIC AND COMBINATIONS OF FABRIC AND LEATHER. M. B. HAMILTON & CO., Leavenworth, Kans.
Filed October 16, 1925. Serial No. 221,825. PUBLISHED DECEMBER 8, 1925.

209,757. CANDY. MAYANLAKE CANDY CO., Chicago, Ill. Filed November 5, 1925. Serial No. 222,859. PUBLISHED DECEMBER 15, 1925.

209,758. COTTON PIECE GOODS. J. L. STIFEL & SONS, Wheeling, W. Va. Filed November 5, 1925. Serial No. 222,887. PUBLISHED DECEMBER 15, 1925.

209,759. SHOT SHELLS. WESTERN CARTRIDGE COMPANY, East Alton, Ill. Filed November 5, 1925. Serial No. 222,898. PUBLISHED DECEMBER 15, 1925.

209,760. PIPE BUTTONS—THAT IS, SHAPED AND PERFORATED DISKS TO BE PLACED IN THE BOTTOM OF THE BOWL OF A SMOKING PIPE. G. W. J. MURPHY COMPANY, Amesbury, Mass. Filed November 6, 1925. Serial No. 222,935. PUBLISHED DECEMBER 15, 1925.

209,761. CLOVER, GRASS, FIELD, GARDEN, FLOWER, AND FOREST-TREE SEEDS. JULIUS LOEWITH, New York, N. Y., assignor to Julius Loewith Inc., New York, N. Y. Filed May 31, 1923. Serial No. 181,408. PUBLISHED DECEMBER 8, 1925.

209,762. GASOLINE, BENZOL, MIXTURES OF GASOLINE AND BENZOL, MOTOR FUELS, LUBRICATING OILS AND GREASES. YELLOW CAB MOTOR FUEL COMPANY, Pittsburgh, Pa. Filed October 11, 1923. Serial No. 186,861. PUBLISHED DECEMBER 8, 1925.

209,763. GASOLINE, BENZOL, MIXTURES OF GASOLINE AND BENZOL, MOTOR FUELS, LUBRICATING OILS AND GREASES. YELLOW CAB MOTOR FUEL COMPANY, Pittsburgh, Pa. Filed October 11, 1923. Serial No. 186,862. PUBLISHED DECEMBER 8, 1925.

209,764. FACE CREAM, FACE POWDER, AND ROUGE. FLAPPER NOVELTY COMPANY, Chicago, Ill. Filed December 15, 1923. Serial No. 189,712. PUBLISHED DECEMBER 8, 1925.

209,765. ART NEEDLEWORK AND NOVELTIES—NAMELY, CENTERPIECES, LUNCH CLOTHS, BUFFET SETS, SIDEBOARD AND DRESSER SCARFS AND SCARFS FOR OTHER PURPOSES THAT ARE STAMPED, STAMPED CHILDREN'S DRESSES, STAMPED LADIES' APPAREL, APRONS, AND OTHER FABRICS THAT ARE STAMPED FOR EMBROIDERY. GRAYONA NEEDLECRAFT CORPORATION, New York, N. Y. Filed June 14, 1924. Serial No. 198,570. PUBLISHED NOVEMBER 3, 1925.

209,766. PUNCTURE SEAL. LIGHTNING MANUFACTURING COMPANY, Joplin, Mo. Filed July 23, 1924. Serial No. 200,397. PUBLISHED APRIL 7, 1925.

209,767. GOLF CLUBS. CARSON PIRIE SCOTT & CO., Chicago, Ill. Filed August 26, 1924. Serial No. 201,884. PUBLISHED DECEMBER 8, 1925.

209,768. NARROW ELASTIC FABRICS. TOWNSEND MANUFACTURING COMPANY, Hatfield, Pa. Filed August 28, 1924. Serial No. 201,988. PUBLISHED NOVEMBER 24, 1925.

209,769. INDUSTRIAL CHEMICALS—NAMELY, INSECTICIDES AND FUNGICIDES, SUCH AS COLLOIDAL SULPHUR AND LIME-SULPHUR SOLUTION. HERBERT & HERBERT, INC., Perth Amboy, N. J. Filed September 10, 1924. Serial No. 202,452. PUBLISHED DECEMBER 8, 1925.

209,770. PAINTBRUSHES. BAKER BRUSH CO., INC., New York, N. Y. Filed November 25, 1924. Serial No. 205,812. PUBLISHED DECEMBER 8, 1925.

209,771. BREAD. CABLE-DRAPER BAKING COMPANY, Detroit, Mich. Filed January 26, 1925. Serial No. 208,636. PUBLISHED DECEMBER 8, 1925.

209,772. PRINTING AND WRITING PAPER COMMONLY EMPLOYED FOR PRINTING AND WRITING PURPOSES. GRAHAM PAPER COMPANY, St. Louis, Mo. Filed February 16, 1925. Serial No. 209,640. PUBLISHED DECEMBER 8, 1925.

209,773. HORSE AND DAIRY FEED, STOCK FEED, POULTRY FEED, AND PEARL MEAL. HEISE BROTHERS, Orleans, Ind. Filed March 3, 1925. Serial No. 210,454. PUBLISHED DECEMBER 8, 1925.

209,774. HANDKERCHIEFS, COTTON AND SILK-COTTON PIECE GOODS, AND LACE PIECE GOODS. M. DOOB, SONS & COMPANY, New York, N. Y. Filed March 9, 1925. Serial No. 210,717. PUBLISHED DECEMBER 8, 1925.

209,775. MOTOR VEHICLES, AND PARTICULARLY MOTOR COACHES, BUSSES, AND MOTOR TRUCKS AND ATTACHMENTS AND PARTS THEREOF. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill. Filed March 21, 1925. Serial No. 211,488. PUBLISHED DECEMBER 8, 1925.

209,776. MOTOR VEHICLES, AND PARTICULARLY MOTOR BUSSES, COACHES, AND MOTOR TRUCKS AND ATTACHMENTS AND PARTS THEREOF. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill. Filed March 21, 1925. Serial No. 211,489. PUBLISHED DECEMBER 8, 1925.

209,777. PECTORAL AND COUGH LOZENGES. AKTIESELSKABET LAGERMAN, JUNR., Copenhagen, Denmark. Filed March 28, 1925. Serial No. 211,770. PUBLISHED DECEMBER 8, 1925.

209,778. OXIDIZING LIQUID FOR STERILIZING, DISINFECTING, DEODORIZING, AND WHITENING. WILBUR M. DE WITT, doing business as Starrow Chemical Co., Utica, N. Y. Filed April 23, 1925. Serial No. 213,163. PUBLISHED DECEMBER 8, 1925.

209,779. CHEESE. GUY B. TOWNSEND, Rutland, Vt. Filed May 5, 1925. Serial No. 213,867. PUBLISHED JULY 21, 1925.

209,780. FIRST COATING OR SURFACING FOR METAL, WOOD, OR PAINTED MATERIALS. VALENTINE & COMPANY, New York, N. Y. Filed May 13, 1925. Serial No. 214,290. PUBLISHED NOVEMBER 10, 1925.

209,781. FACE POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, PERFUMES, HAIR TONICS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, TALCUM POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, BATH SALTS, SMELLING SALTS, SACHETS, AND INCENSE. PARFUMERIE ST. DENIS, New York, N. Y. Filed November 3, 1925. Serial No. 222,760. PUBLISHED DECEMBER 8, 1925.

209,782. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, SACHET, BRILLIANTINE, LOTION FOR THE SKIN AND HAIR, BATH SALTS, AND DENTIFRICES. LUBIN, INC., Wilmington, Del., and New York, N. Y. Filed November 3, 1925. Serial No. 222,751. PUBLISHED DECEMBER 8, 1925.

209,783. MEDICINE OR PHARMACEUTICAL PREPARATION, EXTRACT MADE FROM THYROID GLAND CONTAINING THE ACTIVE PRINCIPLE OF THAT GLAND, LIQUID PREPARATION FOR USE IN THE TREATMENT OF CRETINISM MYXEDEMA, AND HYPOTHYROIDISM. ELI LILLY & COMPANY, Indianapolis, Ind. Filed November 2, 1925. Serial No. 222,692. PUBLISHED DECEMBER 8, 1925.

209,784. MEDICINE OR PHARMACEUTICAL PREPARATION, AN EXTRACT OF THE LIVER CONTAINING THOSE ACTIVE PRINCIPLES OF THE LIVER WHICH REDUCE ESSENTIAL ARTERIAL HYPERTENSION, A LIQUID PREPARATION USED THERAPEUTICALLY TO REDUCE ESSENTIAL ARTERIAL HYPERTENSION. ELI LILLY & COMPANY, Indianapolis, Ind. Filed November 2, 1925. Serial No. 222,691. PUBLISHED DECEMBER 8, 1925.

209,785. MEDICINE OR PHARMACEUTICAL PREPARATION, AN EXTRACT OF THE PINEAL GLAND CONTAINING THE ACTIVE PRINCIPLE OF THAT GLAND, A LIQUID PREPARATION USED IN THE TREATMENT OF RETARDED MENTALITY IN CHILDREN. ELI LILLY & COMPANY, Indianapolis, Ind. Filed November 2, 1925. Serial No. 222,690. PUBLISHED DECEMBER 8, 1925.

209,786. MEDICINE OR PHARMACEUTICAL PREPARATION, AN EXTRACT CONTAINING ACTIVE ORCHIC SUBSTANCE, A LIQUID PREPARATION USED IN THE TREATMENT OF IMPOTENCE AND SEXUAL NEUROSIS. ELI LILLY & COMPANY, Indianapolis, Ind. Filed November 2, 1925. Serial No. 222,689. PUBLISHED DECEMBER 8, 1925.

209,787. WIRE-DRAWING MACHINES AND PARTS THEREOF. THE VAUGHN MACHINERY COMPANY, Cuyahoga Falls, Ohio. Filed October 28, 1925. Serial No. 222,489. PUBLISHED DECEMBER 8, 1925.

209,788. FRESH CITROUS FRUIT. NATIVE SON ORCHARDS COMPANY, Lindsay, Calif. Filed October 24, 1925. Serial No. 222,272. PUBLISHED DECEMBER 8, 1925.

209,789. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS FOR MAKING THE SAME. JACK BEVERAGES, INC., New York, N. Y. Filed October 23, 1925. Serial No. 222,181. PUBLISHED DECEMBER 8, 1925.

209,790. MATCHES. DOUGAL BROS., London, England. Filed October 23, 1925. Serial No. 222,166. PUBLISHED DECEMBER 8, 1925.

209,791. CANDY. MERRILL CANDY COMPANY, Merrill, Wis. Filed October 22, 1925. Serial No. 222,181. PUBLISHED DECEMBER 8, 1925.

209,792. CANNED FISH. J. C. MULLINS & CO., Los Angeles, Calif. Filed October 21, 1925. Serial No. 222,084. PUBLISHED DECEMBER 8, 1925.

209,793. CANDY. JOHN R. EDMISTON, Wildwood, N. J. Filed October 21, 1925. Serial No. 222,064. PUBLISHED DECEMBER 8, 1925.

209,794. BASEBALL BATS. HILLERICH & BRADSBY CO., Louisville, Ky. Filed October 19, 1925. Serial No. 221,966. PUBLISHED DECEMBER 8, 1925.

209,795. SNUFF. KINGDOM OF ITALY, Rome, Italy. Filed October 16, 1925. Serial No. 221,838. PUBLISHED DECEMBER 8, 1925.

209,796. KITES. THE DAHL-NILES PRODUCTS, INCORPORATED, Springfield, Ohio. Filed October 10, 1925. Serial No. 221,538. PUBLISHED DECEMBER 8, 1925.

209,797. HAIRDRESSING. THOMAS H. NELL, doing business as Combessy Company, Long Beach, Calif. Filed October 9, 1925. Serial No. 221,498. PUBLISHED DECEMBER 8, 1925.

209,798. VACUUM BOTTLES. W. T. GRANT COMPANY, Lynn, Mass., and New York, N. Y. Filed October 9, 1925. Serial No. 221,485. PUBLISHED DECEMBER 8, 1925.

209,799. STEAM, VAPOR, AND HOT-WATER HEATING SYSTEMS; STEAM, VAPOR, AND HOT-WATER BOILERS; STEAM HEATERS, STEAM GENERATORS, HOT-WATER HEATERS, HOT-WATER GENERATORS, HOT-WATER STORAGE SYSTEMS, AND PARTS THEREOF. C. L. BRYANT CORPORATION, Cleveland, Ohio. Filed October 5, 1925. Serial No. 221,236. PUBLISHED DECEMBER 8, 1925.

209,800. STEAM, VAPOR, AND HOT-WATER HEATING SYSTEMS; STEAM, VAPOR, AND HOT-WATER BOILERS; STEAM HEATERS, STEAM GENERATORS, HOT-WATER HEATERS, HOT-WATER GENERATORS, HOT-WATER-STORAGE SYSTEMS, AND PARTS THEREOF. C. L. BRYANT CORPORATION, Cleveland, Ohio. Filed October 5, 1925. Serial No. 221,285. PUBLISHED DECEMBER 8, 1925.

209,801. STEAM, VAPOR, AND HOT-WATER HEATING SYSTEMS; STEAM, VAPOR, AND HOT-WATER BOILERS; STEAM HEATERS, STEAM GENERATORS, HOT-WATER HEATERS, HOT-WATER GENERATORS, HOT-WATER-STORAGE SYSTEMS, AND PARTS THEREOF. C. L. BRYANT CORPORATION, Cleveland, Ohio. Filed October 5, 1925. Serial No. 221,284. PUBLISHED DECEMBER 8, 1925.

209,802. SEEDS—NAMELY, TIMOTHY, CLOVER, ALSIKE, ALFALFA, RED TOP, BLUE GRASSES, RAPE, VETCHES, AMBER CANE, PEAS, BEANS, MILLETS, POP CORN, GRASS SEEDS, GRASS-SEED MIXTURES, SEED CORN, AND SEED GRAINS. THE STANFORD SEED COMPANY, INC., Buffalo, N. Y. Filed October 3, 1925. Serial No. 221,218. PUBLISHED DECEMBER 8, 1925.

209,803. CIGARS. NICK RAFFAELE RENZE, doing business as Renze Cigar Co., Connellsville, Pa. Filed October 3, 1925. Serial No. 221,206. PUBLISHED DECEMBER 8, 1925.

209,804. HOSIERY AND KNITTED AND TEXTILE UNDERWEAR. M. NATHAN AND BROTHER, INCORPORATED, Johnstown, Pa. Filed October 3, 1925. Serial No. 221,193. PUBLISHED DECEMBER 1, 1925.

209,805. HAM AND BACON. THE HENRY MUHS COMPANY, Passaic, N. J. Filed November 5, 1925. Serial No. 222,842. PUBLISHED DECEMBER 15, 1925.

209,806. MATCHES. FRANK H. FROMM, doing business as F. H. Fromm & Co., Philadelphia, Pa. Filed November 5, 1925. Serial No. 222,836. PUBLISHED DECEMBER 15, 1925.

209,807. WOOLEN DRESS GOODS IN THE PIECE. THE ATLANTIC MILLS, Olneyville, R. I. Filed November 5, 1925. Serial No. 222,811. PUBLISHED DECEMBER 15, 1925.

209,808. FRESH CITROUS FRUIT—NAMELY, ORANGES, GRAPEFRUIT, AND TANGERINES. W. H. MOUSER & CO., Orlando, Fla. Filed November 3, 1925. Serial No. 222,754. PUBLISHED DECEMBER 15, 1925.

209,809. PREPARATION FOR THE RELIEF OF HEADACHE, PUT UP IN WAFER FORM. ADELARD E. GOSSELIN, doing business as The Celery Cracker Medicine Company, Manchester, N. H. Filed November 2, 1925. Serial No. 222,674. PUBLISHED DECEMBER 15, 1925.

209,810. PIECE GOODS MADE OF SILK. GOLDING FABRICS CORPORATION, New York, N. Y. Filed November 2, 1925. Serial No. 222,672. PUBLISHED DECEMBER 15, 1925.

209,811. MEDICINE IN CAPSULE FORM FOR USE IN THE TREATMENT OF OBESITY. CHARLES E. CRAIN, doing business as S. & C. Laboratories, San Antonio, Tex.
Filed November 2, 1925. Serial No. 222,666. PUBLISHED DECEMBER 8, 1925.

209,812. EMBROCATION OR LINIMENT. ROBERT WILLIAM BRAKE, St. Louis, Mo.
Filed November 2, 1925. Serial No. 222,660. PUBLISHED DECEMBER 15, 1925.

209,813. PILE FABRICS IN THE PIECE. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y.
Filed November 2, 1925. Serial No. 222,658. PUBLISHED DECEMBER 15, 1925.

209,814. ACETYLENE, OXYGEN, CARBIDE, AND WELDING FLUX. ACETYLENE PRODUCTS COMPANY, OF EL PASO, TEXAS, El Paso, Tex.
Filed November 2, 1925. Serial No. 222,652. PUBLISHED DECEMBER 15, 1925.

209,815. HAIR TONIC. GEORGE H. WEYER, St. Joseph, Mo.
Filed October 31, 1925. Serial No. 222,649. PUBLISHED DECEMBER 15, 1925.

209,816. COUGH MEDICINE. THOMAS H. ODENEAL, Beverly, Mass.
Filed October 31, 1925. Serial No. 222,628. PUBLISHED DECEMBER 15, 1925.

209,817. FRESH APPLES. D. J. SHREVENOOST COMPANY, Roswell, N. Mex.
Filed October 30, 1925. Serial No. 222,583. PUBLISHED DECEMBER 15, 1925.

209,818. CONSTIPATION TREATMENT. GEORGE E. REMICK, doing business as Luxhaven Club Laboratory, Denver, Colo.
Filed October 30, 1925. Serial No. 222,579. PUBLISHED DECEMBER 15, 1925.

209,819. CERTAIN CLOTHS AND PIECE GOODS. B. PRIESTLEY & CO., INC., New York, N. Y.
Filed October 30, 1925. Serial No. 222,577. PUBLISHED DECEMBER 15, 1925.

209,820. TOOTH POWDER. PERLORA MANUFACTURING COMPANY, Springfield, Mass.
Filed October 30, 1925. Serial No. 222,574. PUBLISHED DECEMBER 8, 1925.

209,821. CHOCOLATE AND CANDY. PARK & TILFORD, New York, N. Y.
Filed October 30, 1925. Serial No. 222,572. PUBLISHED DECEMBER 15, 1925.

209,822. SHEETINGS AND DRILLINGS. GRENDEL MILLS, Greenwood, S. C.
Filed October 29, 1925. Serial No. 222,506. PUBLISHED DECEMBER 15, 1925.

209,823. PERFUME. HOUSE OF TER-JUR, INC., New York, N. Y.
Filed October 27, 1925. Serial No. 222,381. PUBLISHED DECEMBER 15, 1925.

209,824. PREPARATION FOR THE TREATMENT OF GOITER. W. W. CHEMICAL CO., Detroit, Mich.
Filed October 26, 1925. Serial No. 222,355. PUBLISHED DECEMBER 15, 1925.

209,825. TOILET LOTIONS, LOOSE OR COMPACT FACE POWDER, TOILET POWDER, COSMETICS; FACE, NAIL, AND LIP ROUGE; SACHETS, MOUTH WASHES, HAND AND FACE CREAMS AND LOTIONS, POMADES, AND NAIL POLISH. NEW MIX PRODUCTS, INC., New York, N. Y.
Filed September 8, 1925. Serial No. 219,982. PUBLISHED DECEMBER 8, 1925.

209,826. CANNED PEAS. BOZEMAN CANNING CO., Bozeman, Mont.
Filed September 8, 1925. Serial No. 219,931. PUBLISHED DECEMBER 8, 1925.

209,827. PREPARATION FOR THE RELIEF OF CONSTIPATION, AN INTESTINAL TONIC, AND A PILE PREVENTIVE. HENRY THAYER & CO., INC., Cambridge, Mass.
Filed September 5, 1925. Serial No. 219,919. PUBLISHED DECEMBER 1, 1925.

209,828. TEA. COLOMBO COMMERCIAL COMPANY, LTD., London, England, and Colombo, Ceylon.
Filed September 3, 1925. Serial No. 219,715. PUBLISHED DECEMBER 8, 1925.

209,829. WOOLEN FABRICS. THE DENT WOOLEN CO., INC., Coscob, Conn.
Filed August 31, 1925. Serial No. 219,578. PUBLISHED DECEMBER 8, 1925.

209,830. WRITING PAPER AND MAILING ENVELOPES. BIRNIE PAPER COMPANY, Springfield, Mass.
Filed August 26, 1925. Serial No. 219,370. PUBLISHED DECEMBER 8, 1925.

209,831. MEMORANDA BOOKS. SAMUEL WARD MANUFACTURING COMPANY, Boston, Mass.
Filed August 24, 1925. Serial No. 219,318. PUBLISHED DECEMBER 8, 1925.

209,832. WHEAT FLOUR. GEORGE Q. MOON & COMPANY, INC., Binghamton, N. Y.
Filed August 14, 1925. Serial No. 218,862. PUBLISHED DECEMBER 8, 1925.

209,833. BOOKS COMPOSED OF PAGES OF BLANK FORMS FOR INSERTION OF DATA. SAMUEL WARD MANUFACTURING COMPANY, Boston, Mass.
Filed August 10, 1925. Serial No. 218,676. PUBLISHED DECEMBER 8, 1925.

209,834. GENERAL HOUSEHOLD CLEANING PREPARATION WITH INCIDENTAL DISINFECTING PROPERTIES. FRESNO CHEMICAL CO., Fresno, Calif.
Filed August 8, 1925. Serial No. 218,546. PUBLISHED DECEMBER 8, 1925.

209,835. MARCEL IRONS (NONELECTRIC), RUBBER COMBS, WIRE HAIR PINS, TRANSFORMATIONS, AND WIGS. JULIUS PAULY, INC., New York, N. Y.
Filed July 24, 1925. Serial No. 217,838. PUBLISHED DECEMBER 8, 1925.

209,836. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. PIRU CITRUS ASSOCIATION, Piru, Calif.
Filed July 18, 1925. Serial No. 217,578. PUBLISHED DECEMBER 8, 1925.

209,837. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. IRWINDALE CITRUS ASSOCIATION, Irwindale, Calif.
Filed July 18, 1925. Serial No. 217,561. PUBLISHED DECEMBER 8, 1925.

209,838. DEVICES ADAPTED TO BE SEWED ON THE INSIDE OF TROUSER WAISTBANDS TO ENGAGE WITH A SHIRT. HERBERT SACHS HIRSCH, Brooklyn, N. Y.
Filed July 17, 1925. Serial No. 217,514. PUBLISHED NOVEMBER 17, 1925.

209,839. CANDIES AND CHOCOLATES. CORA M. GOWELL, Auburn, Me.
Filed July 17, 1925. Serial No. 217,509. PUBLISHED DECEMBER 8, 1925.

209,840. WIRE ROPE (CABLE) AND GUY STRAND. PACIFIC WIRE ROPE CO., Los Angeles, Calif.
Filed July 9, 1925. Serial No. 217,111. PUBLISHED DECEMBER 8, 1925.

209,841. MATTRESSES (STAPLE COTTON FELTED AND MATTRESSES GENERALLY). WILLIAM WESLEY POOL, doing business as Direct Mattress Company, Dallas, Tex.
Filed June 19, 1925. Serial No. 216,025. PUBLISHED OCTOBER 20, 1925.

209,842. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,422. PUBLISHED DECEMBER 8, 1925.

209,843. GASOLINE. STANDARD OIL COMPANY, San Francisco, Calif.
Filed June 3, 1925. Serial No. 215,279. PUBLISHED DECEMBER 8, 1925.

209,844. FACE POWDER, COLD CREAM, LIQUID POWDER, VANISHING CREAM, LEMON CREAM, WITCH-HAZEL CREAM, PEROXIDE CREAM, TISSUE CREAM, COMPACT ROUGE, POWDERED ROUGE, LIQUID ROUGE, TALCUM POWDER, LIP ROUGE, FACE LOTION, HAND LOTION, SHAVING LOTION, SHAMPOO, LILAC VEGETAL, NAIL POLISH, PERFUME BRILLIANTINE, BANDOLINE, BEAUTY CLAY, DEODORANT, HAIR REMOVER, DRESSING FOR THE HAIR, HAIR TONIC, TOILET WATER, TAR OIL (A PREPARATION FOR THE HAIR), WHITE LIP POMADE, AND EYEBROW PENCIL. PURITAN PHARMACEUTICAL COMPANY, St. Louis, Mo.
Filed June 3, 1925. Serial No. 215,268. PUBLISHED DECEMBER 1, 1925.

209,845. PAPER BAGS. ADVANCE BAG AND PAPER COMPANY, INC., Boston, Mass.
Filed October 30, 1925. Serial No. 222,543. PUBLISHED DECEMBER 15, 1925.

209,846. PAPER BAGS. ADVANCE BAG AND PAPER COMPANY, INC., Boston, Mass.
Filed October 30, 1925. Serial No. 222,544. PUBLISHED DECEMBER 15, 1925.

209,847. PAPER BAGS. ADVANCE BAG AND PAPER COMPANY, INC., Boston, Mass.
Filed October 30, 1925. Serial No. 222,545. PUBLISHED DECEMBER 15, 1925.

209,848. PAPER BAGS. ADVANCE BAG AND PAPER COMPANY, INC., Boston, Mass.
Filed October 30, 1925. Serial No. 222,552. PUBLISHED DECEMBER 15, 1925.

209,849. PAPER BAGS. ADVANCE BAG AND PAPER COMPANY, INC., Boston, Mass.
Filed October 30, 1925. Serial No. 222,553. PUBLISHED DECEMBER 15, 1925.

209,850. PAPER GARMENT BAGS. THE ROSETH CORPORATION, Brooklyn, N. Y.
Filed October 31, 1925. Serial No. 222,634. PUBLISHED DECEMBER 15, 1925.

209,851. PAPER GARMENT BAGS. THE ROSETH CORPORATION, Brooklyn, N. Y.
Filed October 31, 1925. Serial No. 222,635. PUBLISHED DECEMBER 15, 1925.

209,852. MOTOR FUEL OILS. BADISCHE ANILIN- & SODA-FABRIK, Ludwigshafen-on-the-Rhine, Germany.
Filed June 18, 1925. Serial No. 215,962. PUBLISHED NOVEMBER 3, 1925.

209,853. MATTRESSES (STAPLE COTTON FELTED AND MATTRESSES GENERALLY). WILLIAM WESLEY POOL, doing business as Direct Mattress Company, Dallas, Tex.
Filed June 19, 1925. Serial No. 216,026. PUBLISHED OCTOBER 20, 1925.

209,854. NONFREEZING SOLUTION FOR AUTOMOBILE RADIATORS. POLAR PRODUCTS COMPANY, Eau Claire, Wis.
Filed June 25, 1925. Serial No. 216,430. PUBLISHED DECEMBER 8, 1925.

209,855. CORN SALVE. PETER LO GRASSO, Buffalo, N. Y.
Filed June 29, 1925. Serial No. 216,616. PUBLISHED SEPTEMBER 22, 1925.

209,856. PREPARATION FOR THE TREATMENT OF THE NERVES, BLOOD, THE LIVER, KIDNEYS, LUNGS, AND BRAIN. RODARTE DRUG COMPANY, doing business as Vitagenol Medicine Co., El Paso, Tex.
Filed July 7, 1925. Serial No. 216,904. PUBLISHED OCTOBER 13, 1925.

209,857. FRESH PEARS. RATIE ELLIOT GLEIM, doing business as Diamond 'O' Orchards, Sacramento, Calif.
Filed July 9, 1925. Serial No. 217,089. PUBLISHED DECEMBER 15, 1925.

209,858. LIMOUSINE TRAY CASES, COAT CASES, KIT BAGS, TRAVELING BAGS, AND SUITCASES, OVERNIGHT AND WEEK-END CASES, FITTINGS FOR SAID CASES, INCLUDING COMPLETE TOILET SETS AND PARTS THEREOF, AND HATBOXES. MILLER-CLOSMAN COMPANY, Philadelphia, Pa.
Filed July 10, 1925. Serial No. 217,172. PUBLISHED DECEMBER 8, 1925.

209,859. MEDICINAL COMPOUNDS FOR THE TREATMENT OF CORNS AND CALLI, BUNIONS, CHILBLAINS, FROSTBITE, SWOLLEN FEET, BURNING FEET, SORE FEET, TIRED FEET, PERSPIRING FEET, AND INGROWING NAIL. SYLVAN ZACHARIA, doing business as The Enjoystep Products, Long Island City, N. Y.
Filed July 13, 1925. Serial No. 217,316. PUBLISHED DECEMBER 1, 1925.

209,860. FOODS FOR HOGS, POULTRY, CATTLE, AND HORSES. SHAW & TRUESDELL CO., Brooklyn, N. Y.
Filed July 17, 1925. Serial No. 217,531. PUBLISHED DECEMBER 8, 1925.

209,861. ICE CREAM. WASHINGTON DAIRY, Davenport, Iowa.
Filed July 27, 1925. Serial No. 217,913. PUBLISHED DECEMBER 8, 1925.

209,862. GASOLINE, LUBRICATING OILS, AND GREASES. MARTIN COUNTY CO-OP. OIL COMPANY, Triumph, Minn.
Filed July 27, 1925. Serial No. 217,938. PUBLISHED DECEMBER 1, 1925.

209,863. RUBBER TOILET KITS AND TRAVELING CASES. KASE-QUINBY RUBBER CO., INC., New York, N. Y.
Filed August 5, 1925. Serial No. 218,417. PUBLISHED DECEMBER 8, 1925.

209,864. SKIN-BLEACHING CREAM. MAGIC BLEACH MANUFACTURING CO., Evansville, Ind.
Filed August 6, 1925. Serial No. 218,496. PUBLISHED DECEMBER 8, 1925.

209,865. REDUCING CRÈME. GREEN MANUFACTURING CO., San Francisco, Calif.
Filed August 10, 1925. Serial No. 218,634. PUBLISHED DECEMBER 1, 1925.

209,866. LIQUID COMPOUND FOR WATERPROOFING AND WEATHERPROOFING CONCRETE, STUCCO, CEMENT, BRICK, AND TILE CONSTRUCTIONS. ROBESON PRESERVO COMPANY, Port Huron, Mich.
Filed August 20, 1925. Serial No. 219,141. PUBLISHED DECEMBER 8, 1925.

209,867. PREPARATION FOR THE TREATMENT OF RHEUMATISM, ECZEMA, SKIN RASH, BRUISES, SORE FEET, AND TIRED FEELING. JOHN PARKER RIVERS, doing business as Pacific Coast Mineral Co., San Pedro, Calif.
Filed August 21, 1925. Serial No. 219,205. PUBLISHED DECEMBER 1, 1925.

209,868. LAXATIVE. ERNI M. MORTON, doing business as Morton's Drug Co., Centertown, Ky.
Filed August 27, 1925. Serial No. 219,440. PUBLISHED DECEMBER 1, 1925.

209,869. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,423. PUBLISHED DECEMBER 8, 1925.

209,870. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,424. PUBLISHED DECEMBER 8, 1925.

209,871. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,425. PUBLISHED DECEMBER 8, 1925.

209,872. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,426. PUBLISHED DECEMBER 8, 1925.

209,873. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,427. PUBLISHED DECEMBER 8, 1925.

209,874. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,428. PUBLISHED DECEMBER 8, 1925.

209,875. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,429. PUBLISHED DECEMBER 8, 1925.

209,876. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,430. PUBLISHED DECEMBER 8, 1925.

209,877. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,431. PUBLISHED DECEMBER 8, 1925.

209,878. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,432. PUBLISHED DECEMBER 8, 1925.

209,879. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,433. PUBLISHED DECEMBER 8, 1925.

209,880. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,434. PUBLISHED DECEMBER 8, 1925.

209,881. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,435. PUBLISHED DECEMBER 8, 1925.

209,882. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,436. PUBLISHED DECEMBER 8, 1925.

209,883. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,437. PUBLISHED DECEMBER 8, 1925.

209,884. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,438. PUBLISHED DECEMBER 8, 1925.

209,885. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,439. PUBLISHED DECEMBER 8, 1925.

209,886. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,440. PUBLISHED DECEMBER 8, 1925.

209,887. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,441. PUBLISHED DECEMBER 8, 1925.

209,888. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,442. PUBLISHED DECEMBER 8, 1925.

209,889. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,443. PUBLISHED DECEMBER 8, 1925.

209,890. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,444. PUBLISHED DECEMBER 8, 1925.

209,891. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,445. PUBLISHED DECEMBER 8, 1925.

209,892. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,446. PUBLISHED DECEMBER 8, 1925.

209,893. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,447. PUBLISHED DECEMBER 8, 1925.

209,894. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,448. PUBLISHED DECEMBER 8, 1925.

209,895. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,449. PUBLISHED DECEMBER 8, 1925.

209,896. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,450. PUBLISHED DECEMBER 8, 1925.

209,897. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,451. PUBLISHED DECEMBER 8, 1925.

209,898. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,452. PUBLISHED DECEMBER 8, 1925.

209,899. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,453. PUBLISHED DECEMBER 8, 1925.

209,900. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,454. PUBLISHED DECEMBER 8, 1925.

209,901. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,455. PUBLISHED DECEMBER 8, 1925.

209,902. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,456. PUBLISHED DECEMBER 8, 1925.

209,903. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,457. PUBLISHED DECEMBER 8, 1925.

209,904. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,458. PUBLISHED DECEMBER 8, 1925.

209,905. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,459. PUBLISHED DECEMBER 8, 1925.

209,906. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,460. PUBLISHED DECEMBER 8, 1925.

209,907. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPERS FOR CHOCOLATE, CONFECTIONERY, ETC., SUPPORTS FOR CINEMATOGRAPHIC AND PHOTOGRAPHIC FILMS, HATS, ETC. SOIERIES DE STRASBOURG, Strassburg, France.
Filed June 6, 1925. Serial No. 215,461. PUBLISHED DECEMBER 8, 1925.

209,908. SHEETS, STRIPS, TUBES, OR THREADS OF VISCOSE AND OTHER CELLULOSE DERIVATIVES AND NONSENSITIZED FILMS FOR USE IN MAKING WRAPPING PAPER

209,869. COFFEE. YOUNG & GRIFFIN COFFEE CO. INC., New York, N. Y.
Filed August 28, 1925. Serial No. 219,509. PUBLISHED DECEMBER 8, 1925.

209,870. CERTAIN NAMED MEDICINAL PREPARATIONS. FIRST NATIONAL LABORATORIES, INCORPORATED, Lehighton, Pa.
Filed September 11, 1925. Serial No. 220,117. PUBLISHED DECEMBER 1, 1925.

209,871. WOOLEN GOODS IN THE PIECE FOR OUTER GARMENTS AND BILLIARD AND POOL TABLE COVERING CLOTHS. ROTH & NATHAN, INC., New York, N. Y.
Filed September 12, 1925. Serial No. 220,203. PUBLISHED DECEMBER 15, 1925.

209,872. CANDY. BUNTE BROTHERS, Chicago, Ill.
Filed October 2, 1925. Serial No. 221,090. PUBLISHED DECEMBER 8, 1925.

209,873. COMPOUNDS FOR USE IN BOILERS FOR STEAM-GENERATING PLANTS, FOR RADIATORS OR AUTOMOBILES. WYOMING BOILER COMPOUND CO., Douglas, Wyo.
Filed September 30, 1925. Serial No. 221,041. PUBLISHED DECEMBER 15, 1925.

209,874. LADIES', MISSES', JUNIORS', AND CHILDREN'S DRESSES, SUITS, AND COATS. AVEDON & LIGHTMAN, New York, N. Y.
Filed September 30, 1925. Serial No. 220,988. PUBLISHED DECEMBER 8, 1925.

209,875. CERTAIN METAL STRAPS AND BANDS AND FASTENERS, AND FLEXIBLE STEEL DOOR MATS. ACME STEEL COMPANY, Chicago, Ill.
Filed September 30, 1925. Serial No. 220,986. PUBLISHED DECEMBER 8, 1925.

209,876. COFFEE. THE MCATEE-NEWELL COFFEE COMPANY, INC., Bloomington, Ill.
Filed September 29, 1925. Serial No. 220,966. PUBLISHED DECEMBER 15, 1925.

209,877. COFFEE. THE MCATEE-NEWELL COFFEE COMPANY, INC., Bloomington, Ill.
Filed September 29, 1925. Serial No. 220,965. PUBLISHED DECEMBER 15, 1925.

209,878. COMPOSITION FOR CLEANING PIPES. CEDAR SWEEP CO., San Francisco, Calif.
Filed September 28, 1925. Serial No. 220,887. PUBLISHED DECEMBER 15, 1925.

209,879. BATHING CAPS AND RUBBER HOUSEHOLD APRONS. THE SEAMLESS RUBBER COMPANY, INC., New Haven, Conn.
Filed September 26, 1925. Serial No. 220,875. PUBLISHED DECEMBER 8, 1925.

209,880. AMMONIA AND BLUING. AMERICAN STORES COMPANY, Philadelphia, Pa.
Filed September 26, 1925. Serial No. 220,819. PUBLISHED DECEMBER 15, 1925.

209,881. DRESSES FOR LADIES AND MISSES. IRVING WEINBERG DRESS COMPANY, INC., New York, N. Y.
Filed September 25, 1925. Serial No. 220,782. PUBLISHED DECEMBER 1, 1925.

209,882. FUR COATS. GELBERG & SCHWARTZ, New York, N. Y.
Filed September 25, 1925. Serial No. 220,771. PUBLISHED DECEMBER 8, 1925.

209,883. DETACHABLE TREADS FOR SHOES. REUBEN WARNER, 2, doing business as Hi-Go Tread Company, St. Paul, Minn.
Filed September 24, 1925. Serial No. 220,749. PUBLISHED DECEMBER 8, 1925.

209,884. PLYWOOD PANELS AND DIMENSION VENEER. ATLAS PLYWOOD CORPORATION, Boston, Mass.
Filed September 23, 1925. Serial No. 220,635. PUBLISHED DECEMBER 8, 1925.

209,885. PLYWOOD PANELS AND DIMENSION VENEER. ATLAS PLYWOOD CORPORATION, Boston, Mass.
Filed September 23, 1925. Serial No. 220,681. PUBLISHED DECEMBER 8, 1925.

209,886. PACKING CASES, SHIPPING CASES, SHOOKS, KNOCKDOWN BOXES, FURNITURE BOXES, AND BUTTER TUBS. ATLAS PLYWOOD CORPORATION, Boston, Mass.
Filed September 23, 1925. Serial No. 220,680. PUBLISHED DECEMBER 15, 1925.

209,887. PEPPERMINT DROPS. ALBRECHT-RICHTER COMPANY, New York, N. Y.
Filed September 23, 1925. Serial No. 220,629. PUBLISHED DECEMBER 15, 1925.

209,888. MEN'S, WOMEN'S, AND CHILDREN'S UNDERWEAR MADE OF KNITTED OR TEXTILE FABRIC. PANELON UNDERWEAR COMPANY, INC., Attleboro, Mass.
Filed September 22, 1925. Serial No. 220,615. PUBLISHED DECEMBER 8, 1925.

209,889. MEN'S, WOMEN'S, AND CHILDREN'S UNDERWEAR MADE OF KNITTED OR TEXTILE FABRIC. PANELON UNDERWEAR COMPANY, INC., Attleboro, Mass.
Filed September 22, 1925. Serial No. 220,614. PUBLISHED DECEMBER 8, 1925.

209,890. OPHTHALMIC FRAMES. NEW ERA OPTICAL CO., Chicago, Ill.
Filed September 21, 1925. Serial No. 220,563. PUBLISHED DECEMBER 8, 1925.

209,891. DISINFECTANTS, INSECTICIDES, CHEMICAL COMPOUND FOR CLEANSING, STERILIZING, AND DEODORIZING CLOSET BOWLS; AND DRAIN PIPE SOLVENTS. NATIONAL SANITARY PRODUCTS CO., St. Louis, Mo.
Filed September 21, 1925. Serial No. 220,562. PUBLISHED DECEMBER 15, 1925.

209,892. ASTRINGENTS AND ANTISEPTICS. HEILKRAFT MEDICAL COMPANY, Boston, Mass.
Filed November 7, 1925. Serial No. 222,983. PUBLISHED DECEMBER 15, 1925.

209,893. WRAPPING FOR VEHICLE SPRINGS. IRVING FLORMAN, New York, N. Y.
Filed April 28, 1925. Serial No. 213,435. PUBLISHED DECEMBER 1, 1925.

209,894. MEDICATED GUM FOR COLDS, HEADACHES, SORE THROAT, AND ALL PAINS. CHARLES E. MINNICK, doing business as Aspir-Mint Gum Co., Dallas, Tex.
Filed April 24, 1925. Serial No. 213,252. PUBLISHED DECEMBER 15, 1925.

209,895. HATS AND CAPS FOR MEN. HENRY MEITLEIN, doing business as New York Hat & Cap Co., Pittsburgh, Pa.
Filed March 12, 1925. Serial No. 210,915. PUBLISHED DECEMBER 8, 1925.

209,896. COFFEE. J. F. GOODSON & CO. INC., also doing business as J. F. G. Coffee Company, Morristown, Tenn.
Filed January 13, 1925. Serial No. 208,048. PUBLISHED DECEMBER 15, 1925.

209,897. DOORPLATES. CHARLES A. HOLZKNECHT, Green Bay, Wis.
Filed January 5, 1925. Serial No. 207,679. PUBLISHED DECEMBER 8, 1925.

209,898. FRESH VEGETABLES. SOL PERLMON, doing business as Detroit Celery and Produce Company, Detroit, Mich.
Filed November 15, 1924. Serial No. 205,354. PUBLISHED DECEMBER 15, 1925.

209,899. LIQUID PARAFFIN FOR MEDICINAL PURPOSES FOR HUMAN USE. COLONOL LIMITED, London, England.
Filed October 18, 1925. Serial No. 204,088. PUBLISHED DECEMBER 1, 1925.

209,900. AUTO TOP READY-MIXED RUBBER LACQUER. JOSEPH W. PEARSON, Los Angeles, Calif.
Filed October 13, 1924. Serial No. 203,834. PUBLISHED DECEMBER 8, 1925.

209,901. LIQUID CLEANING WAX, BODY WAX, AND DARK WAX FOR DARK-FINISHED FLOORING. VARNISH, OR FINISH AND JAPAN DRIER. THE CROOKS-DITTMAR CO., Williamsport, Pa.
Filed October 2, 1924. Serial No. 203,300. PUBLISHED DECEMBER 8, 1925.

209,902. LADIES' SHOES MADE OF LEATHER ONLY. EDW. J. DONAHUE, Chicago, Ill.
Filed August 11, 1924. Serial No. 201,229. PUBLISHED DECEMBER 8, 1925.

209,903. LEAD PENCILS AND PENHOLDERS. EAGLE PENCIL COMPANY, New York, N. Y.
Filed July 31, 1924. Serial No. 200,753. PUBLISHED SEPTEMBER 30, 1924.

209,904. CANNED FRUITS, CANNED BERRIES, CANNED VEGETABLES, CANNED APPLE SAUCE, SAUERKRAUT, CHILI SAUCE, AND CATCHUP. STITTVILLE CANNING COMPANY, Utica, N. Y.
Filed April 5, 1924. Serial No. 195,082. PUBLISHED DECEMBER 8, 1925.

209,905. AUTOMOBILE WASHING APPARATUS KLEAN-RITE AUTO LAUNDRY COMPANY, Chicago, Ill.
Filed March 3, 1924. Serial No. 193,186. PUBLISHED DECEMBER 15, 1925.

209,906. WOODEN TABLES. IMPERIAL FURNITURE COMPANY, Grand Rapids, Mich.
Filed February 27, 1924. Serial No. 192,917. PUBLISHED DECEMBER 8, 1925.

209,907. REMEDY FOR PURIFYING BLOOD, PILLS FOR BACKACHE AND GLAND TROUBLE, LINIMENT, SALVES FOR BURNS AND SORES, COUGHS, AND SORE THROAT, CROUP, COLDS IN THE HEAD AND CHEST, AND ASTHMA. KING C. DAVIS, Douglas, Ga.
Filed September 22, 1923. Serial No. 186,048. PUBLISHED DECEMBER 1, 1925.

209,908. WHEAT FLOUR, WHOLE-WHEAT FLOUR, RYE FLOUR, GRAHAM FLOUR, CORN MEAL, AND CEREAL BREAKFAST FOODS. HUBBARD MILLING COMPANY, Mankato, Minn.
Filed October 13, 1924. Serial No. 203,819. PUBLISHED DECEMBER 8, 1925.

209,909. SANITARY BELTS, SANITARY APRONS, SANITARY BLOOMERS, RUBBER BABY PANTS, RUBBER HOT-WATER BOTTLES, AND RUBBER FOUNTAIN SYRINGES. THE FAIR, Chicago, Ill.
Filed February 14, 1923. Serial No. 176,018. PUBLISHED DECEMBER 8, 1925.

209,910. CERTAIN NAMED FOOD PRODUCTS. WILLIAM BENNER, Bridgeport, Conn.
Filed August 16, 1923. Serial No. 184,588. PUBLISHED DECEMBER 8, 1925.

209,911. PAINTS, VARNISHES, AND WOOD FILLERS IN LIQUID AND DRY FORM. CHASE, ROBERTS & CO., Long Island City, N. Y.
Filed September 21, 1925. Serial No. 220,495. PUBLISHED DECEMBER 8, 1925.

209,912. PAINTS (READY MIXED, PASTE FORM, AND DRY). PAINT ENAMELS, JAPANS, VARNISHES, STAINS, AND FILLERS. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio.
Filed September 19, 1925. Serial No. 220,479. PUBLISHED DECEMBER 8, 1925.

209,913. CANNED ROAST BEEF AND GRAVY, CANNED BOILED BEEF AND GRAVY, CANNED BEEF STEAKS AND GRAVY, CANNED BEEF LOAF AND GRAVY; CANNED MEAT BALLS, CEREAL, AND GRAVY, AND CANNED SANDWICH SPREAD, A MEAT FOOD PRODUCT. HEDLUND AND COMPANY, Seattle, Wash.
Filed September 19, 1925. Serial No. 220,455. PUBLISHED DECEMBER 15, 1925.

209,914. PREPARATION FOR THE EXTERMINATION OF WEEDS AND GRASS. JOHN F. SHAFER, Mason, Tex.
Filed September 18, 1925. Serial No. 220,429. PUBLISHED DECEMBER 15, 1925.

209,915. HOSIERY, KNITTED AND TEXTILE UNDERWEAR; MEN'S, WOMEN'S, AND CHILDREN'S SWEATERS, AND SWEATER COATS, AND CAPS; MEN'S, WOMEN'S, AND CHILDREN'S HATS; KNIT SCARFS, TROUSERS; MEN'S, WOMEN'S, AND CHILDREN'S COATS AND SUITS; KNITTED AND TEXTILE DRESS, NEGLIGEE, AND WORK SHIRTS; KNEE PANTS, OVERALLS, JUMPERS, OVERALL SUITS, GLOVES MADE FROM LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF, COLLARS, AND RAINCOATS. DAVID ROTHSCHILD & CO., Columbus, Ga.
Filed September 18, 1925. Serial No. 220,423. PUBLISHED DECEMBER 8, 1925.

209,916. CERTAIN NAMED CANNED FOODS. CHARLES HEWITT & SONS CO., Des Moines, Iowa.
Filed September 18, 1925. Serial No. 220,407. PUBLISHED DECEMBER 8, 1925.

209,917. WHEAT FLOUR. SPARKS MILLING COMPANY Alton, Ill.
Filed September 17, 1925. Serial No. 220,371. PUBLISHED DECEMBER 8, 1925.

209,918. BAKING SET COMPOSED OF A CAKE COOLER AND COOKING UTENSILS USED IN CONNECTION THEREWITH. THE JONES METAL PRODUCTS COMPANY, West Lafayette, Ohio.
Filed September 17, 1925. Serial No. 220,344. PUBLISHED DECEMBER 8, 1925.

209,919. NEGLIGEES, BATH ROBES, LINGERIE, KNITTED AND TEXTILE FABRIC UNDERWEAR FOR MEN, WOMEN, AND CHILDREN. JACOB SILBERMAN, doing business as Lady Lane Mfg. Co., New York, N. Y.
Filed September 16, 1925. Serial No. 220,325. PUBLISHED DECEMBER 8, 1925.

209,920. BOOTS AND SHOES OF LEATHER, SKINS, AND TEXTILE FABRICS. LEWIS A. CROSSETT CO., North Abington, Mass.
Filed September 14, 1925. Serial No. 220,217. PUBLISHED DECEMBER 8, 1925.

209,921. GLOVES CONSTRUCTED OF LEATHER, RUBBER, OR FABRIC OR OF COMBINATIONS OF THOSE MATERIALS. ARCH L. COCK, doing business as Great Northern Glove Company, Bluffton, Ind.
Filed September 14, 1925. Serial No. 220,216. PUBLISHED DECEMBER 8, 1925.

209,922. SALAD DRESSINGS. WARD'S PRODUCTS CO., Chicago, Ill.
Filed September 12, 1925. Serial No. 220,208. PUBLISHED DECEMBER 8, 1925.

209,923. PREPARED LIQUID PAINTS. SPRAY PAINT COMPANY, Chicago, Ill.
Filed September 9, 1925. Serial No. 220,041. PUBLISHED DECEMBER 8, 1925.

209,924. BOOKLETS, CIRCULARS, AND PAMPHLETS. NORTHERN PACIFIC RAILWAY COMPANY, St. Paul, Minn.
Filed September 8, 1925. Serial No. 219,986. PUBLISHED NOVEMBER 17, 1925.

209,925. FULL-FASHIONED SILK HOSIERY FOR WOMEN. LARGMAN, GRAY COMPANY, Philadelphia, Pa.
Filed September 8, 1925. Serial No. 219,968. PUBLISHED DECEMBER 8, 1925.

209,926. CANNED CORN. BIG STONE CANNING CO., Ortonville, Minn.
Filed September 5, 1925. Serial No. 219,872. PUBLISHED DECEMBER 15, 1925.

209,927. FERTILIZERS. ROSE CITY COTTON OIL MILL, Little Rock, Ark.
Filed September 3, 1925. Serial No. 219,765. PUBLISHED DECEMBER 8, 1925.

209,928. LADIES', MISSES', AND CHILDREN'S READY-TO-WEAR GARMENTS—NAMELY, SCARFS, CHOKERS, AND WRAPS, INFANTS' DRESSES AND WRAPS, APRONS, ROMPERS, CLOAKS, SHIRTS, WAISTS, SUITS, SILK AND COTTON DRESSES, KIMONOS, BATHROBES, MIDDY BLOUSES, CHILDREN'S WASH SUITS, AND KNITTED AND TEXTILE UNDERWEAR INCLUDING GOWNS, TEDDIES, PYJAMAS, BRASSIÈRES, PETTICOATS, PRINCESS SLIPS, STEPINS, BLOOMERS, CAMISOLES, CORSETS, AND VESTS. PERKINS DRY GOODS COMPANY, Dallas, Tex.
Filed September 3, 1925. Serial No. 219,761. PUBLISHED DECEMBER 8, 1925.

209,929. CERTAIN PROJECTION MACHINES AND SCREENS. TRANS-LUX DAYLIGHT PICTURE SCREEN CORPORATION, New York, N. Y.
Filed September 2, 1925. Serial No. 219,700. PUBLISHED DECEMBER 8, 1925.

209,930. CHARTS. JOSEPH C. GROFF, Allentown, Pa.
Filed September 2, 1925. Serial No. 219,666. PUBLISHED DECEMBER 8, 1925.

209,931. PINEAPPLES IN THEIR NATURAL STATE, AND FRESH VEGETABLES AND FRUITS—TO WIT, SWEET POTATOES, IRISH POTATOES, YAMS, TOMATOES, LIMA BEANS, PEAS, CARROTS, CABBAGES, LETTUCE, SPINACH, CORN, RADISHES, BEETS, ONIONS, EGGPLANTS, PEPPERS, MELONS, BANANAS, PUMPKINS, SQUASHES, TURNIPS, CUCUMBERS, RHUBARB, AND MINT; HONEY, SALAD DRESSING, AND ALSO COOKED CANNED POULTRY, BEEF, LAMB, PORK, AND GAME. EUGENE S. COCHRAN, Washington, D. C.
Filed July 1, 1921. Serial No. 149,888. PUBLISHED NOVEMBER 17, 1925.

209,932. HAIR TONIC. FRANK J. CONJURSKE, doing business as Nulife Company, Sturgeon Bay, Wis.
Filed January 8, 1924. Serial No. 190,535. PUBLISHED DECEMBER 15, 1925.

209,933. NAIL WHITE, EYELASH GROWER, LIP ROUGE, FACE ROUGE, CUTICLE CREAM, LEMON PACK, MUD PACK, BEAUTY BUILDER, ALMOND CREAM, LEMON CREAM, VANISHING CREAM, COLD CREAM, AND NAIL POLISH IN PASTE AND POWDER FORM. BLUE BIRD INC. PERFUMERS, New York, N. Y.
Filed May 7, 1924. Serial No. 196,688. PUBLISHED DECEMBER 1, 1925.

209,934. CONTAINER FOR SMOKERS' ARTICLES—NAMELY, CIGARS, CIGARETTES, AND MATCHES. DOERR MANUFACTURING COMPANY, Grand Rapids, Mich.
Filed July 5, 1924. Serial No. 199,610. PUBLISHED DECEMBER 15, 1925.

209,935. ANTISEPTIC, GERM DESTROYER, DISINFECTANT, DEODORANT, AND BLEACH. ZONITE PRODUCTS COMPANY, New York, N. Y.
Filed September 8, 1924. Serial No. 202,366. PUBLISHED NOVEMBER 17, 1925.

209,936. MILK-BASE PREPARATION IN POWDERED FORM FOR MAKING A FOOD DRINK. B. E. GAMBLE COMPANY, Boiling Springs, Pa.
Filed October 21, 1924. Serial No. 204,230. PUBLISHED DECEMBER 15, 1925.

209,937. COTTON BROADCLOTH. FRED BUTTERFIELD & Co., INC., New York, N. Y.
Filed October 23, 1924. Serial No. 204,304. PUBLISHED DECEMBER 15, 1925

209,938. COTTON FABRICS AND COTTON AND SILK FABRICS. WM. ANDERSON TEXTILE MFG. CO. INC., New York, N. Y.
Filed December 9, 1924. Serial No. 206,469. PUBLISHED DECEMBER 15, 1925.

209,939. COTTON PIECE GOODS—TO WIT, TISSUE GINGHAMS. FRED BUTTERFIELD & Co., INC., New York, N. Y.
Filed October 23, 1924. Serial No. 204,305. PUBLISHED DECEMBER 15, 1925.

209,940. CERTAIN NAMED MEDICINAL PREPARATIONS. THE J. R. WATKINS COMPANY, Winona, Minn.
Filed January 9, 1925. Serial No. 207,905. PUBLISHED DECEMBER 1, 1925.

209,941. PREPARATION FOR THE TREATMENT OF FRECKLES AND THE LIKE. ANDRIES MIJNHARDT, Utrechtscheweg, Zeist, Netherlands.
Filed January 13, 1925. Serial No. 208,062. PUBLISHED DECEMBER 1, 1925.

209,942. MEDICINES FOR THE TREATMENT OF TOOTHACHE, FACIAL NEURALGIA, HEADACHE, NEURALGIA, INFLUENZA, GRIPPE, GOUT, RHEUMATISM, COLD, AND AFTER EFFECTS. ANDRIES MIJNHARDT, Utrechtscheweg, Zeist, Netherlands.
Filed January 13, 1925. Serial No. 208,063. PUBLISHED DECEMBER 1, 1925.

209,943. MEDICINE FOR USE IN THE TREATMENT OF RHEUMATISM AND NEURITIS. GEORGE W. LAWSON, Sistersville, W. Va.
Filed January 19, 1925. Serial No. 208,301. PUBLISHED SEPTEMBER 22, 1925.

209,944. HAIR DYE. LONGO INSTANTANEOUS HAIR DYE, INC., New York, N. Y.
Filed February 2, 1925. Serial No. 208,991. PUBLISHED DECEMBER 8, 1925.

209,945. MOTOR OILS. SPHINX MOTOR OIL COMPANY, Los Angeles, Calif.
Filed March 21, 1925. Serial No. 211,431. PUBLISHED JUNE 2, 1925.

209,946. CERTAIN NAMED MEDICINAL PREPARATIONS. JOSEPH PERSONENI, INC., New York, N. Y.
Filed April 4, 1925. Serial No. 212,199. PUBLISHED DECEMBER 8, 1925.

209,947. FACE TONIC. OLUF VOLMER POULSEN, doing business as A. H. Riise Apothecary, St. Thomas, Virgin Islands.
Filed April 9, 1925. Serial No. 212,456. PUBLISHED DECEMBER 1, 1925.

209,948. COMBS, HAIRPINS, HAIR BUCKLES, AND HAIR CLASPS, ALL OTHER THAN PRECIOUS-METAL WARE. NEW-YORK HAMBURGER GUMMIWAAREN COMPAGNIE, Hamburg, Germany.
Filed May 16, 1925. Serial No. 214,433. PUBLISHED NOVEMBER 17, 1925.

209,949. ROUGES. HOUBIGANT, INC., New York, N. Y.
Filed May 23, 1925. Serial No. 214,796. PUBLISHED DECEMBER 1, 1925.

209,950. RIBBONS MADE OF SILK, ARTIFICIAL SILK, COTTON, VELVET, AND COMBINATIONS OF SUCH MATERIALS. SCHULTHESS & CO. AKTIENGESELLSCHAFT, Basel, Switzerland.
Filed June 16, 1925. Serial No. 215,880. PUBLISHED DECEMBER 15, 1925.

209,951. OIL HEATING DEVICES. PERCOLATOR HEATING COMPANY, Indianapolis, Ind.
Filed October 2, 1925. Serial No. 221,153. PUBLISHED DECEMBER 8, 1925.

209,952. CEREAL YEAST FOOD. MONARCH CHEMICAL COMPANY, New York, N. Y.
Filed September 30, 1925. Serial No. 221,022. PUBLISHED DECEMBER 8, 1925.

209,953. COFFEE. JAMES W. HAMBLET, INC., New York, N. Y.
Filed September 29, 1925. Serial No. 220,949. PUBLISHED DECEMBER 8, 1925.

209,954. REFINED SUGAR. TEXAS SUGAR REFINING COMPANY, Texas City, Tex.
Filed September 28, 1925. Serial No. 220,928. PUBLISHED DECEMBER 8, 1925.

209,955. PREPARATION FOR CLEANING TEETH AND HEALING TENDER AND BLEEDING GUMS. DR. BURRUS-RICE-BILDERBACK, Winters, Tex.
Filed September 28, 1925. Serial No. 220,886. PUBLISHED DECEMBER 1, 1925.

209,956. SAUSAGES, HAMS, BACON, AND DRESSED LAMB. NEW ENGLAND DRESSED MEAT & WOOL COMPANY, Portland, Me., and Boston, Mass.
Filed September 25, 1925. Serial No. 220,791. PUBLISHED DECEMBER 8, 1925.

209,957. POWDER TO HOLD FALSE TEETH FIRMLY IN PLACE. WERNET DENTAL MFG. CO. INC., New York, N. Y.
Filed September 24, 1925. Serial No. 220,750. PUBLISHED DECEMBER 1, 1925.

209,958. MONTHLY PUBLICATION. ROLAND PUBLISHING COMPANY, New York, N. Y.
Filed September 23, 1925. Serial No. 220,679. PUBLISHED DECEMBER 8, 1925.

209,959. MEDICINAL PREPARATION FOR ALL KINDS OF DISTEMPER IN DOGS. J. J. FAHL, Chicago, Ill.
Filed September 22, 1925. Serial No. 220,601. PUBLISHED DECEMBER 1, 1925.

209,960. SOAP AND CLEANERS—NAMELY, FOR METALS, BATHTUBS, LAVATORIES, TILE FLOORS, SINKS; PAINTED, VARNISHED, AND ENAMELED SURFACES; AUTOMOBILES, FURNITURE, TERRA COTTA, MARBLE, TILE, WALLS, DOORS, FLOORS, WINDOW SILLS, INTERIOR WOODWORK, SHIPS, BOATS, AND RAILROAD COACHES. MINUTE CHEMICAL CO., Chicago, Ill.
Filed September 21, 1925. Serial No. 220,558. PUBLISHED DECEMBER 8, 1925.

209,961. CURED GINNED SPANISH MOSS PUT UP IN BALES. LOUISIANA MOSS PRODUCTS CO. INC., Patterson, La.
Filed September 21, 1925. Serial No. 220,549. PUBLISHED DECEMBER 8, 1925.

209,962. BOND PAPER. IMPORT PAPER COMPANY, Chicago, Ill.
Filed September 21, 1925. Serial No. 220,537. PUBLISHED DECEMBER 8, 1925.

209,963. WALL PAPER. THE RONKONKOMA WALL PAPER COMPANY, INC., Ronkonkoma, N. Y.
Filed September 18, 1925. Serial No. 220,422. PUBLISHED DECEMBER 8, 1925.

209,964. WOOD AND WIRE-WOVEN BOXES, BASKETS, AND CRATES—NAMELY, WOOD AND WIRE-WOVEN RETURNABLE SHIPPING BOXES AND BASKETS, DELIVERY CONTAINERS KNOWN AS WAGON AND AUTO BOXES MANUFACTURED WITHOUT LIDS, CAN TRUNKS, AND DOG CRATES. ANDERSON BOX & BASKET CO., Henderson, Ky.
Filed September 18, 1925. Serial No. 220,390. PUBLISHED DECEMBER 8, 1925.

209,965. TABLE BOARD GAME PLAYED WITH A NUMBER OF GAME PIECES. MACK-MARK CO., Brooklyn, N. W.
Filed September 17, 1925. Serial No. 220,349. PUBLISHED DECEMBER 8, 1925.

209,966. CARDBOARD, WRITING PAPER, AND PAPER STOCK FOR WEDDING AND CORRESPONDENCE STATIONERY. CARPENTER PAPER COMPANY, Omaha, Nebr.
Filed September 17, 1925. Serial No. 220,335. PUBLISHED DECEMBER 8, 1925.

209,967. INSECT DESTROYER. GAFFNEY & CORD, Philadelphia, Pa.
Filed September 14, 1925. Serial No. 220,226. PUBLISHED DECEMBER 1, 1925.

209,968. METAL POLISH. HERMON W. HOWARD, doing business as H. W. Howard Co., Washington, D. C.
Filed September 12, 1925. Serial No. 220,191. PUBLISHED DECEMBER 8, 1925.

209,969. LEATHER GOODS AND NOVELTIES IN THE OPTICAL TRADE—NAMELY, LEATHER OPTICAL-FRAME CASES, LEATHER POCKETBOOKS, CARD-CASES, PORTFOLIOS, KEY CONTAINERS, WALLETS, CHECK-BOOK COVERS, AND BRIEF CASES. THE ZYLOCASE COMPANY, Newark, N. J.
Filed September 9, 1925. Serial No. 220,056. PUBLISHED DECEMBER 8, 1925.

209,970. GAS HEATERS AND COILS FOR GAS WATER HEATERS. THE SANDS MANUFACTURING COMPANY, Cleveland, Ohio.
Filed September 8, 1925. Serial No. 219,993. PUBLISHED NOVEMBER 24, 1925.

209,971. HOSIERY. HOLEPROOF HOSIERY COMPANY, Milwaukee, Wis.
Filed October 26, 1925. Serial No. 222,323. PUBLISHED DECEMBER 15, 1925.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

209,972. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) AGNES FOSTER WRIGHT, New York, N. Y. Filed Apr. 3, 1925. Serial No. 212,167.

The CHINTZ SHOP

Particular description of goods.—Chints, Linen, and Cretonne Goods in the Piece, Curtains, Slip Covers, Said Curtains and Slip Covers Being of a Textile Nature.
Claims use since November, 1922.

209,973. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE SUMTER PACKING COMPANY, INC., Sumter, S. C. Filed July 29, 1925. Serial No. 218,091.

CLARENDON

Particular description of goods.—Canned Vegetables.
Claims use since Jan. 1, 1925.

209,974. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) TINGUE, BROWN & CO., New York, N. Y. Filed Dec. 22, 1925. Serial No. 225,045.

EVERWEAR

Particular description of goods.—Cotton Padding for Laundry Machinery Rolls.
Claims use since June 21, 1919.

209,975. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE W. HACKNEY, Donna, Tex. Filed Jan. 27, 1925. Serial No. 208,702.

"TREE-RIPE"

Particular description of goods.—Citrous Fruits in Their Natural State.
Claims use since Dec. 18, 1924.

209,976. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SCALA PACKING COMPANY, INC., Utica, N. Y. Filed Aug. 14, 1924. Serial No. 201,413.

SCALA PACKING CO., INC. MEAT Gold Medal PRODUCTS UTICA, N.Y.

Particular description of goods.—Skinned Hams, Cured Hams, Cala Hams, Bacon, Boneless Hams, Pork Sausage, Frankforts, Ham Bologna, Meat Loaf, Headcheese, Liver Sausage, Jellied Tongue, Ham Loaf, Smoked Liver Sausage, Minced Ham, Boiled Ham, Beef Ham, Dried Beef, Hog Casings, Corned Beef, Sweet Pickle Meats, Dry Salt Fatback, Fresh Boneless Beef Cuts, Fresh Pork Loins, Fresh Shoulders, Fresh Hams, Fresh Butts, Fresh Rib Bellies, Fresh Clear Bellies, Pigs' Rinds, Pigs' Feet, Pigs' Kidneys, Pigs Tails, Pigs' Ears, Pork Trimmings, Hog Plucks, Hog Neck Bones, Spareribs, Dressed Hogs, Fresh Back Fat, and Dressed Poultry.
Claims use since Feb. 1, 1924.

209,977. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CHAMPLAIN LUNCHEONETTE, Chicago, Ill., assignor to Tom Djahilis, Chicago, Ill. Filed Nov. 6, 1923. Serial No. 188,071.

Champlain LUNCHEON

Particular description of goods.—Candy.
Claims use since June 1, 1923.

209,978. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ELYSEE OLIVE OIL CO., INC., New York, N. Y. Filed Sept. 4, 1924. Serial No. 202,202.

RIVOLI

Particular description of goods.—Olives and Cherries in Dried, Canned, and Preserved Condition.
Claims use since Aug. 19, 1924.

209,979. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LA FLEUR LABORATORIES, doing business as D'Ruvyl, Cleveland, Ohio. Filed Dec. 16, 1924. Serial No. 206,787.

CHOISI

Particular description of goods.—Face Powders, Face Creams, Toilet Waters, Rouges, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Sachet Powders, and Perfumes.
Claims use since Nov. 12, 1924.

209,980. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) FRANK M. BRYANT, Oakland, Calif. Filed Jan. 5, 1925. Serial No. 207,649.

"BEATS 'EM ALL"

Particular description of goods.—Hand Paste for Cleaning the Hands, Household Cleaner.
Claims use since Oct. 31, 1924.

209,981. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BEACON MANUFACTURING COMPANY, New Bedford, Mass., and Providence, R. I. Filed Jan. 16, 1925. Serial No. 208,178.

Alaskan

Particular description of goods.—Cotton Blankets.
Claims use since Jan. 7, 1925.

209,982. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BEACON MANUFACTURING COMPANY, New Bedford, Mass., and Providence, R. I. Filed Jan. 16, 1925. Serial No. 208,179.

Huron

Particular description of goods.—Cotton Blankets.
Claims use since Jan. 7, 1925.

209,983. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) SHUR-GLOSS MFG. CO., Chicago, Ill. Filed Apr. 21, 1925. Serial No. 213,103.

"SHUR-GLOSS"

Particular description of goods.—Waterproof Leather Top Dressing.
Claims use since Jan. 1, 1917.

209,984. (CLASS 39. CLOTHING.) THE ASBURY MILLS, New York, N. Y. Filed May 16, 1925. Serial No. 214,390.

Annette Kellermann

Particular description of goods.—Bathing Suits for Children, Misses, and Women; Bathing Shoes, Bathing Caps, Bathing Tights, and Bathing Scarfs and Capes.
Claims use since January, 1916.

209,985. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) FRANK R. PROSSER, doing business as F. R. Prosser & Co., Chicago, Ill. Filed Sept. 21, 1925. Serial No. 220,572.

Dust Proof

Particular description of goods.—Automobile Cleaner.
Claims use since June 1, 1921.

209,986. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) C. J. HALEY & CO., INC., New York, N. Y. Filed Oct. 30, 1925. Serial No. 222,567.

MADISON

Particular description of goods.—Narrow Elastic Web.
Claims use since 1901.

209,987. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) N. ERLANGER, BLUMGART & CO., INC., New York, N. Y. Filed Nov. 6, 1925. Serial No. 222,922.

Everfast

Particular description of goods.—Linen and Cotton Tape.
Claims use since on or about Apr. 26, 1923.

209,988. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE PIQUA HANDLE & MANUF'G CO., Piqua Ohio., Filed Dec. 1, 1925. Serial No. 224,148.

LAWN OLE OLSEN RAKE

Particular description of goods.—Lawn Rakes.
Claims use since Apr. 27, 1900.

209,989. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) COLONIAL DRUG & SALES CO., Denver, Colo. Filed Dec. 5, 1925. Serial No. 224,276.

NOFREEZ

Particular description of goods.—Antifreezing Compound for Radiators.
Claims use since Sept. 1, 1924.

209,990. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) WILLIAM E. WRIGHT AND SONS COMPANY, Orange, N. J. Filed Dec. 12, 1925. Serial No. 224,639.

WRIGHT'S

Particular description of goods.—Bias Fold Tapes and Trimmings.
Claims use since about July, 1921.

TRADE-MARK REGISTRATIONS RENEWED

45,225. CIGARS. Registered August 8, 1905. FRANK H. FLEER & COMPANY, Philadelphia, Pa. Renewed August 8, 1925, to American Chicle Company, Long Island City, N. Y., a Corporation of New Jersey, successors.

46,701. LINIMENT. Registered October 3, 1905. SAMUEL DEMPSTER, Philadelphia and Allegheny, Pa. Renewed October 3, 1925, to C. F. Simmons Medicine Co. Incorporated, St. Louis, Mo., a Corporation of Missouri, successor.

48,618. INKSTANDS. Registered January 9, 1906. EMRY DAVIS. Renewed January 9, 1926, to Emry Davis, Inc., New York, N. Y., a Corporation of New York, assignee.

48,632. INKSTANDS. Registered January 9, 1906. EMRY DAVIS. Renewed January 9, 1926, to Emry Davis, Inc., New York, N. Y., a Corporation of New York, assignee.

48,633. INKSTANDS. Registered January 9, 1906. EMRY DAVIS. Renewed January 9, 1926, to Emry Davis, Inc., New York, N. Y., a Corporation of New York, assignee.

48,668. RYE FLOUR. Registered January 9, 1906. THE BOUTWELL MILLING & GRAIN CO., Troy, N. Y., a Corporation of New York. Renewed January 9, 1926.

48,674. CANNED SARDINES. Registered January 9, 1906. WILLIAM UNDERWOOD COMPANY. Renewed January 9, 1926, to William Underwood Company, Boston, Mass., assignee.

48,707. SEWING MACHINES AND PARTS THEREOF. Registered January 9, 1906. UNION SPECIAL MACHINE COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed January 9, 1926.

48,909. REMEDIES FOR CERTAIN NAMED DISEASES. Registered January 16, 1906. BROWN MFG. Co., Greeneville, Tenn. Renewed January 16, 1926, Brown Mfg. Co., Le Roy, N. Y., a Corporation of Tennessee.

48,910. REMEDIES FOR CERTAIN NAMED DISEASES. Registered January 16, 1906. BROWN MFG. Co., Greeneville, Tenn. Renewed January 16, 1926, to Brown Mfg. Co., Le Roy, N. Y., a Corporation of Tennessee.

49,005. FLOUR MADE FROM WHEAT. Registered January 16, 1906. PILLSBURY-WASHBURN FLOUR MILLS COMPANY, LTD. Renewed January 16, 1926, to Pillsbury Flour Mills Company, Minneapolis, Minn., a Corporation of Minnesota, successors.

49,206. A CRYSTALLINE SOLUBLE CHEMICAL. Registered January 30, 1906. JULIUS M. KEIL, Western Springs, Ill. Renewed January 30, 1926.

49,360. SCREW DRIVERS. Registered January 30, 1906. TOWER & LYON CO., New York, N. Y. Renewed January 30, 1926, to Union Hardware Company, Torrington, Conn., a Corporation of Connecticut, assignee.

49,362. SEWING MACHINES AND PARTS THEREOF. Registered January 30, 1906. UNION SPECIAL MACHINE COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed January 30, 1926.

49,385. GUITARS AND MANDOLINS. Registered February 6, 1906. LYON & HEALY. Renewed February 6, 1926, to Lyon & Healy, Inc., Chicago, Ill., a Corporation of Illinois, assignee.

49,437. COTTON PIECE GOODS. Registered February 6, 1906. JACKSON COMPANY. Renewed February 6, 1926, to Nashua Manufg. Company, Nashua, N. H., a Corporation of New Hampshire, assignee.

49,462. A REMEDY FOR THE NERVES. Registered February 6, 1906. B. H. BACON CO., Rochester, N. Y. Renewed February 6, 1926, to S. C. Wells & Co., Le Roy, N. Y., a Corporation of New York, assignee.

49,494. CLOCKS. Registered February 6, 1906. THE ANSONIA CLOCK COMPANY, Ansonia, Conn., and New York, N. Y., a Corporation of Connecticut. Renewed February 6, 1926.

49,499. COMIC SECTION OF NEWSPAPERS. Registered February 6, 1906. THE NEW YORK HERALD COMPANY. Renewed February 6, 1926, to New York Tribune Inc., New York, N. Y., a Corporation of New York, assignee.

49,519. SALT. Registered February 6, 1906. FRANCIS H. LEGGETT & COMPANY, New York, N. Y., a Corporation of New York. Renewed February 6, 1926.

49,629. CANNED FRUITS AND VEGETABLES. Registered February 13, 1906. MARY J. BOYER. Renewed February 13, 1926, to W. W. Boyer & Co., Inc., Baltimore, Md., a Corporation of Maryland, successor.

49,927. DEVILED ENTREMETS. Registered February 20, 1906. WILLIAM UNDERWOOD COMPANY. Renewed February 20, 1926, to William Underwood Company, Boston, Mass., assignee.

50,442. CANNED FRUITS AND VEGETABLES. Registered March 20, 1906. GIBBS PRESERVING COMPANY OF BALTIMORE CITY. Renewed March 20, 1926, to Gibbs & Company, Incorporated, Baltimore, Md., a Corporation of Maryland, assignee.

50,622. FLOUR MADE FROM WHEAT. Registered March 27, 1906. PILLSBURY-WASHBURN FLOUR MILLS COMPANY, LTD. Renewed March 27, 1926, to Pillsbury Flour Mills Company, Minneapolis, Minn., a Corporation of Minnesota, successor.

50,685. TOILET SOAPS. Registered March 27, 1906. MULHENS & KROPFF. Renewed March 27, 1926, to Mulhens & Kropff Inc., New York, N. Y., a Corporation of New York, assignee.

50,738. EYELETS AND LACING HOOKS. Registered March 27, 1906. UNITED FAST COLOR EYELET COMPANY, Boston, Mass. Renewed March 27, 1926, to United Fast Color Eyelet Company, Boston, Mass., and Portland, Me., a Corporation of Maine.

50,802. FLOUR MADE FROM WHEAT. Registered March 27, 1906. PILLSBURY-WASHBURN FLOUR MILLS COMPANY, LTD. Renewed March 27, 1926, to Pillsbury Flour Mills Company, Minneapolis, Minn., a Corporation of Minnesota, successor.

50,823. TICKET-ISSUING AND RECORDING MACHINES. Registered April 3, 1906. OHMER FARE REGISTER CO. Renewed April 3, 1926, to Ohmer Fare Register Company, Dayton, Ohio, a Corporation of New York.

50,827. CORDS, LINES, TWINES, AND ROPES. Registered April 3, 1906. SAMSON CORDAGE WORKS, Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,011. A REMEDY FOR THE NERVES. Registered April 3, 1906. B. H. BACON CO., Rochester, N. Y. Renewed April 3, 1926, to S. C. Wells & Co., Le Roy, N. Y., a Corporation of New York, assignee.

51,297. RANGES, COOKING STOVES, AND HEATING STOVES. Registered April 10, 1906. KALAMAZOO STOVE CO., Kalamazoo, Mich., a Corporation of Michigan. Renewed April 10, 1926.

51,386. GLYCERIN SOAP. Registered April 17, 1906. MULHENS & KROPFF. Renewed April 17, 1926, to Mulhens & Kropff Inc., New York, N. Y., a Corporation of New York, assignee.

51,423. MARINE PAINT. Registered April 17, 1906. HARRY LOUDERBOUGH. Renewed April 17, 1926, to New Jersey Paint Works, Harry Louderbough, Inc., Jersey City, N. J., a Corporation of New Jersey, assignee.

51,428. STOCK FEED. Registered April 17, 1906. RALSTON PURINA CO. Renewed April 17, 1926, to Ralston Purina Company, St. Louis, Mo., a Corporation of Missouri.

51,480. WHEAT FLOUR. Registered April 17, 1906. PILLSBURY-WASHBURN FLOUR MILLS COMPANY, LIMITED. Renewed April 17, 1926, to Pillsbury Flour Mills Company, Minneapolis, Minn., a Corporation of Minnesota, successor.

51,485. LAGER BEER AND BOTTLED BEER. Registered April 17, 1906. TERRE HAUTE BREWING CO., Terre Haute, Ind., a Corporation of Indiana. Renewed April 17, 1926.

51,529. METAL PIPE FITTINGS. Registered April 17, 1906. MALLEABLE IRON FITTINGS COMPANY, Branford, Conn., a Corporation of Connecticut. Renewed April 17, 1926.

51,645. CHEMICAL FIRE EXTINGUISHERS. Registered April 17, 1906. GRAAFF & CO. G. M. B. H., Berlin, Germany. Renewed April 17, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

51,862. EXTRACTS AND ESSENCES OF MEAT. Registered April 24, 1906. BOVRIL LIMITED, London, England, a Corporation of Great Britain. Renewed April 24, 1926.

51,898. A MEDICAL COMPOUND TO BE USED AS AN ASTRINGENT. Registered April 24, 1906. KNOLL & CO., Ludwigshafen-on-the-Rhine, Germany. Renewed April 24, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

51,899. A MEDICAL COMPOUND TO BE USED AS A HÆMOSTATIC. Registered April 24, 1906. KNOLL & Co., Ludwigshafen-on-the-Rhine, Germany. Renewed April 24, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

51,934. A DRY PREPARATION FOR MAKING A NON-INTOXICATING BEVERAGE. Registered April 24 1906. J. C. ENO, LIMITED. Renewed April 24, 1926, to J. C. Eno Ltd., London, England, a Corporation of Great Britain, assignee.

52,092. PLOWS AND PARTS THEREOF. Registered May 1, 1906. THE COLLINS COMPANY, Collinsville, Conn., a Corporation of Connecticut. Renewed May 1, 1926.

52,202. CANNED OYSTERS. Registered May 1, 1906. GIBBS PRESERVING COMPANY OF BALTIMORE CITY. Renewed May 1, 1926, to Gibbs & Company, Incorporated, Baltimore, Md., a Corporation of Maryland, assignee.

52,389. CERTAIN NAMED DRY GOODS. Registered May 8, 1906. ANTON WEDL, New York, N. Y. Renewed May 8, 1926.

52,449. LINENS AND LINEN PIECE GOODS. Registered May 8, 1906. ANTON WEDL, New York, N. Y. Renewed May 8, 1926.

52,667. HEATING FURNACES AND BOILERS. Registered May 15, 1906. MONROE FOUNDRY & FURNACE Co. Renewed May 15, 1926, to The Floral City Heater Company, Monroe, Mich., a Corporation of Michigan, successor.

52,685. COTTON DAMASK. Registered May 15, 1906. ROSEMARY MANUFACTURING COMPANY, Roanoke Rapids, N. C., a Corporation of North Carolina. Renewed May 15, 1926.

52,762. LAGER BEER AND BOTTLED BEER. Registered May 15, 1906. TERRE HAUTE BREWING CO., Terre Haute, Ind., a Corporation of Indiana. Renewed May 15, 1926.

52,971. MACARONI, VERMICELLI, SPAGHETTI, AND NOODLES. Registered May 22, 1906. LOUIS BASTRUP and KIRKHAM SCANLAN, administrators of John B. Canepa, deceased. Renewed May 22, 1926, to The John B. Canepa Company, Chicago, Ill., a Corporation of Illinois, assignee.

52,980. MACARONI, SPAGHETTI, AND VERMICELLI. Registered May 22, 1906. THE JOHN B. CANEPA COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed May 22, 1926.

53,025. WHEAT BREAKFAST FOOD. Registered May 22, 1906. THE WHEATENA COMPANY, New York, N. Y. Renewed May 22, 1926, to The Wheatena Company, New York, N. Y., and Wheatenaville, Rahway, N. J., a Corporation of New York.

53,073. CATHARTIC PILLS AND TABLETS. Registered May 22, 1906. FOSTER-MCCLELLAN COMPANY, Buffalo, N. Y., a Corporation of New York. Renewed May 22, 1926.

53,074. CATHARTIC PILLS AND TABLETS. Registered May 22, 1906. FOSTER-MCCLELLAN COMPANY, Buffalo, N. Y., a Corporation of New York. Renewed May 22, 1926.

53,075. OINTMENTS. Registered May 22, 1906. FOSTER-MCCLELLAN COMPANY, Buffalo, N. Y., a Corporation of New York. Renewed May 22, 1926.

53,082. PREPARATIONS FOR THE TREATMENT OF THE HEAD AND HAIR. Registered May 22, 1906. HUDSON & CO. INC., New York, N. Y., a Corporation of New Jersey. Renewed May 22, 1926.

53,220. CURRENT-DISTRIBUTING CUT-OUT BOARDS. Registered May 29, 1906. H. T. PAISTE CO., Philadelphia, Pa., a Corporation of Pennsylvania. Renewed May 29, 1926.

53,235. SEWING MACHINES AND PARTS THEREOF. Registered May 29, 1906. UNION SPECIAL MACHINE Co. Renewed May 29, 1926, to Union Special Machine Company, Chicago, Ill., a Corporation of Illinois.

53,236. SEWING MACHINES AND PARTS THEREOF. Registered May 29, 1906. UNION SPECIAL MACHINE Co. Renewed May 29, 1926, to Union Special Machine Company, Chicago, Ill., a Corporation of Illinois.

53,296. CANNED FRUITS AND VEGETABLES. Registered May 29, 1906. WAYNE COUNTY PRESERVING Co. Renewed May 29, 1926, to Edgett-Burnham Company, Newark, N. Y., a Corporation of New York, assignee.

53,309. LEATHER SHOES. Registered May 29, 1906. F. MAYER BOOT & SHOE CO., Milwaukee, Wis., a Corporation of Wisconsin. Renewed May 29, 1926.

53,448. WRINGING MACHINES. Registered June 5, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed June 5, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

53,449. CLOTHES WRINGERS AND THE PARTS COMPRISING THE SAME. Registered June 5, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed June 5, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

53,530. TYPEWRITING MACHINES. Registered June 5, 1906. WYCKOFF, SEAMANS & BENEDICT, Ilion, N. Y. Renewed June 5, 1926, to Remington Typewriter Company, Ilion and New York, N. Y., a Corporation of New York, assignee.

53,664. GINGER CHAMPAGNE. Registered June 12, 1906. THE MANITOU MINERAL SPRINGS COMPANY. Renewed June 12, 1926, to Manitou Mineral Water Company, Manitou, Colo., a Corporation of Colorado, assignee.

53,666. INSULATING WIRE AND INSULATING TAPES. Registered June 12, 1906. NEW YORK INSULATED WIRE COMPANY, New York, N. Y., a Corporation of New York. Renewed June 12, 1926.

53,785. BLUING. Registered June 12, 1906. THE ULTRAMARINE COMPANY, New York, N. Y., a Corporation of New Jersey. Renewed June 12, 1926.

53,789. CERTAIN NAMED METAL GOODS. Registered June 12, 1906. AMERICAN SCREW COMPANY, Providence, R. I., a Corporation of Rhode Island. Renewed June 12, 1926.

53,950. VARNISH STAINS. Registered June 19, 1906. THE DAVID B. CROCKETT COMPANY, doing business as The Bissell Varnish Company, Bridgeport, Conn., a Corporation of Connecticut. Renewed June 19, 1926.

53,998. A SOAP OF PASTELIKE CONSISTENCY. Registered June 19, 1906. HAVILAH ANSON BLAKESLEE. Renewed June 19, 1926, to The Skat Co., Hartford, Conn., a Corporation of Connecticut, assignee.

54,041. CHOCOLATE, COCOA, AND PREPARATIONS THEREOF. Registered June 19, 1906. MILTON S. HERSHEY, Derry Church, Pa. Renewed June 19, 1926, to Hershey Chocolate Company, Hershey, Pa., a Corporation of Pennsylvania, assignee.

54,103. CERTAIN NAMED VEHICLES. Registered June 19, 1906. GENDRON WHEEL CO. Renewed June 19, 1926, to The Gendron Wheel Co., Toledo, Ohio, a Corporation of Ohio.

54,167. CANNED OYSTERS. Registered June 19, 1906. GIBBS PRESERVING COMPANY OF BALTIMORE CITY. Renewed June 19, 1926, to Gibbs & Company, Incorporated, Baltimore, Md., a Corporation of Maryland, assignee.

54,199. SALT. Registered June 19, 1906. CRYSTALINE SALT COMPANY, Boston, Mass. Renewed June 19, 1926, to Remington Salt Company, Ithaca, N. Y., a Corporation of New York, assignee.

54,244. SAWS. Registered June 26, 1906. HENRY DISSTON & SONS, INCORPORATED, Tacony, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed June 26, 1926.

54,256. SHOE PINCERS. Registered June 26, 1906. FRANK W. WHITCHER, Boston, Mass. Renewed June 26, 1926, to Frank W. Whitcher Company, Boston, Mass., and Portland, Me., a Corporation of Maine, assignee.

54,306. LEATHER SHOES. Registered June 26, 1906. F. MAYER BOOT & SHOE CO., Milwaukee, Wis., a Corportion of Wisconsiu. Renewed June 26, 1926.

54,338. MEASURING TAPES. Registered June 26, 1906. THE LUFKIN RULE CO., Saginaw, Mich., a Corporation of Michigan. Renewed June 26, 1926.

54,354. PENCILS. Registered June 26, 1906. EBERHARD FABER, New York, N. Y. Renewed June 26, 1926, to Eberhard Faber Pencil Company, Brooklyn, N. Y., a Corporation of New York, assignee.

54,477. PLASTERS AND PLASTER COMPOUNDS. Registered June 26, 1906. THE PARAGON PLASTER COMPANY, Syracuse, N. Y., a Corporation of New York. Renewed June 26, 1926.

54,496. HAVANA CIGARS. Registered June 26, 1906. HAVANA COMMERCIAL COMPANY, New York, N. Y. Renewed June 26, 1926, to Havana Commercial Company, New York, N. Y., and Jersey City, N. J., a Corporation of New Jersey.

54,497. CHOCOLATE, COCOA, AND PREPARATIONS. Registered June 26, 1906. MILTON S. HERSHEY, Derry Church, Pa. Renewed June 26, 1926, to Hershey Chocolate Company, Hershey, Pa., a Corporation of Pennsylvania, assignee.

54,509. COAL. Registered June 26, 1906. EDWIN J. CUMMINGS. Renewed June 26, 1926, to E. J. Cummings, Inc., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

54,521. MIXED PAINTS. Registered June 26, 1906. THE PATTERSON SARGENT COMPANY. Renewed June 26, 1926, to The Patterson-Sargent Company, Cleveland, Ohio, a Corporation of Ohio.

54,564. PIANOS. Registered June 26, 1906. W. W. KIMBALL COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed June 26, 1926.

54,637. HORSE NAILS. Registered June 26, 1906. THE CAPEWELL HORSE NAIL COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed June 26, 1926.

LABELS

REGISTERED MARCH 2, 1926.

29,983.—*Title:* BATTLE CREEK PURE FOOD COFFEE. For Coffee. GEORGE TAYLOR ALTER, doing business as The Battle Creek Pure Food Coffee Company, Battle Creek, Mich. Published December 15, 1925.

29,984.—*Title:* ASHLEY'S HAIR TONIC. For Hair Tonic. HOMER ASHLEY, Dallas, Tex. Published October 1, 1925.

29,985.—*Title:* MITSIS. For a Game for Telling Fortunes. FRANCES RAE BAER, doing business as Mitsis Oracle Company, Kansas City, Mo. Published November 20, 1925.

29,986.—*Title:* BETTY BOLTON CANDY. For Candy. BETTY BOLTON, INC., Hollywood, Calif. Published January 22, 1926.

29,987.—*Title:* SNOW PEAK. For Bicarbonate of Soda. BUCKEYE SODA PRODUCTS COMPANY, Cleveland, Ohio. Published January 4, 1926.

29,988.—*Title:* COUNTRYMAN'S DE FRANCE PERFUME. For Perfume. WILLIAM HENRY COUNTRYMAN, Middletown, Ohio. Published November 30, 1925.

29,989.—*Title:* VAL DE LUXE. For Cigars. DONNA & ABRUZZO, Brooklyn, N. Y. Published November 8, 1925.

29,990.—*Title:* KU-YUMS. For a Food Product of Sliced Cucumbers Packed in a Dressing of Oil and Vinegar. GEORGE M. EBA, doing business as The By-Sel Company, Newark, N. J. Published November 21, 1925.

29,991.—*Title:* SNAPPY MAID. For Canned Celery. EPHRAIM SANITARY CANNING COMPANY, Ephraim, Utah. Published September 30, 1925.

29,992.—*Title:* CALIFORANGE. For Orange Juice. THE EXCHANGE ORANGE PRODUCTS CO., San Dimas, Calif. Published November 25, 1925.

29,993.—*Title:* WORLD'S FAIR. For Mops. MARTHA DIAMOND FISELE, doing business as Thos. J. Fisele Mop Co., St. Louis, Mo. Published October 9, 1925.

29,994.—*Title:* MADE IN CZECHOSLOVAKIA. For Cotton Piece Goods. FREUND, FREUND & Co., New York, N. Y. Published September 15, 1924.

29,995.—*Title:* FRISCH PROCESS. For Bread. EMILE FRISCH, Chicago, Ill. Published May 27, 1925.

29,996.—*Title:* GLORAY NAIL POLISH REMOVER. For a Nail-Polish Remover. THE GLORAY COMPANY, New York, N. Y. Published December 15, 1925.

29,997.—*Title:* GLORAY LASTING NAIL POLISH. For Nail Polish. THE GLORAY COMPANY, New York, N. Y. Published December 15, 1925.

29,998.—*Title:* GOLDEN NUGGET FUDGE. For Candy. GOLDEN NUGGET SWEETS, San Francisco, Calif. Published December 1, 1925.

29,999.—*Title:* RELIABLE RUG RENOVATOR. For a Liquid Cleaner for Rugs, Clothing, Etc. NAPOLEON JOSEPH GOSSELIN, Norwich, Conn. Published October 28, 1925.

30,000.—*Title:* MAZIE. For Candy Bar. WALTER J. HIRSCH Co., Chicago, Ill. Published December 14, 1925.

30,001.—*Title:* KANNED KANDIES. For Candy. HONOLULU DAIRYMEN'S ASSOCIATION, LTD., doing business as Mid-Pacific Candy Factory, Honolulu, Hawaii. Published March 1, 1925.

30,002.—*Title:* FIREX. For Carbon Tetrachloride, a Cleaning Fluid. FRANK C. KREBECKER, Dubuque, Iowa. Published February 2, 1925.

30,003.—*Title:* ALCOOL. For Rubbing Alcohol. NICHOLAS V. KROEB, Paterson, N. J. Published November 20, 1924.

30,004.—*Title:* PAINPATCH. For Plasters. JAMES J. LARMOUR, East Orange, N. J. Published August 3, 1925.

30,005.—*Title:* CHECKER BRAND BUTTER. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to Ripon Produce Company, Ripon, Wis. Published January 15, 1926.

30,006.—*Title:* JONES PURE CREAM BUTTER. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to Ripon Produce Company, Ripon, Wis. Published January 15, 1926.

30,007.—*Title:* STILING'S TACOMA BRICK. For Ice Cream. MENASHA PRINTING AND CARTON COMPANY, Nenasha, Wis., assignor to Triple Cities Ice Cream Company, Daytona, Fla. Published January 27, 1926.

30,008.—*Title:* ZION CHOCOLATE CREAM EGG. For Candy. THE MILWAUKEE PAPER BOX CO., Milwaukee, Wis. Published January 16, 1926.

30,009.—*Title:* 6 POUND SPECIAL. For Canned Apples. OLYMPIA CANNING CO., Olympia, Wash. Published January 2, 1926.

30,010.—*Title:* ROLLIK. For Knitwear. THE ROBERT LEWIS MILLS, INC., New York, N. Y. Published June 15, 1925.

30,011.—*Title:* WEE DAINTIES HOSIERY. For Children's Stockings. CHAS. SARVERT, doing business as Garland Hosiery Mills, Philadelphia, Pa. Published January 4, 1926.

30,012.—*Title:* BUILDOBLOX. For an Instructive Game. STROMBECK-BECKER MFG. CO., Moline, Ill. Published January 11, 1926.

30,013.—*Title:* TAG-HART OH BOY. For Malt Extract and Hop-Flavored Malt Extract. TAG HART MALT PRODUCTS CO., La Crosse, Wis. Published June 19, 1922.

30,014.—*Title:* TAG-HART PHYSICIAN'S CLUB. For Malt Extract and Hop-Flavored Malt Extract. TAG HART MALT PRODUCTS CO., La Crosse, Wis. Published February 1, 1925.

30,015.—*Title:* TAG-HART MULTI-MALT. For Malt Extract and Hop-Flavored Malt Extract. TAG HART MALT PRODUCTS CO., La Crosse, Wis. Published March 1, 1918.

30,016.—*Title:* CORONA D'ORO. For Macaroni. JOSEPH TARABINO, doing business as Golden Crown Macaroni Co., Trinidad, Colo. Published November 1, 1925.

30,017.—*Title:* WONSIXTY — THE PRICE AND THE NAME ARE THE SAME—$1.60. For Hosiery. VERNON HOSIERY MILLS, New York, N. Y. Published July 26, 1925.

30,018.—*Title:* WELCH'S GRAPE JUICE. For Grape Juice. THE WELCH GRAPE JUICE COMPANY, Westfield, N. Y. Published December 1, 1925.

30,019.—*Title:* WELCH'S GRAPE JUICE CLUB SIZE. For Grape Juice. THE WELCH GRAPE JUICE COMPANY, Westfield, N. Y. Published December 1, 1925.

30,020.—*Title:* PRESTEEL. For Stairways. WOODBRIDGE ORNAMENTAL IRON COMPANY, Chicago, Ill. Published December 1, 1925.

30,021.—*Title:* TASTY JOY CAKES. For Candied Pop Corn. CURWEN A. YODER, Collegeville, Pa. Published October 12, 1925.

30,022.—*Title:* YOUNG'S LIFE-GIVING BREAD. For Bread. YOUNG'S MARKET COMPANY, Los Angeles, Calif. Published December 28, 1925.

PRINTS

REGISTERED MARCH 2, 1926.

8,589.—*Title:* REFRESH YOURSELF. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published January 20, 1926.

8,590.—*Title:* YOUR CHILD'S BEST FRIENDS. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published January 26, 1926.

8,591.—*Title:* A PHILADELPHIA SCHOOL TEST THAT SURPRISED MOTHERS. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published February 2, 1926.

8,592.—*Title:* SCHOOL AUTHORITIES ASK YOU. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published January 29, 1926.

8,593.—*Title:* TEACHERS URGE MOTHERS. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published January 12, 1926.

8,594.—*Title:* A CURIOUS FACT ABOUT YOUR CHILD'S SUCCESS. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published February 5, 1926.

8,595.—*Title:* 'MIGHTY OAKS FROM TINY ACORNS GROW.' For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published February 6, 1926.

8,596.—*Title:* LOOK AT YOUR HAIR. For Snowbrix Shampoo. JOHN C. CROWN, Los Angeles, Calif. Published January 22, 1926.

8,597.—*Title:* AN EXCEPTIONALLY FINE TOOTH BRUSH. For the Bonner Toothbrush. THE DE VILBISS MFG. CO., Toledo, Ohio. Published January 27, 1926.

8,598.—*Title:* CLEANS WELL WEARS WELL. For the Bonner Toothbrush. THE DE VILBISS MFG. CO., Toledo, Ohio. Published January 27, 1926.

8,599.—*Title:* WELL MADE WELL SHAPED. For the Bonner Toothbrush. THE DE VILBISS MFG. CO., Toledo, Ohio. Published January 27, 1926.

8,600.—*Title:* STYLE MUST ALWAYS REST ON QUALITY. For Stationery. EATON, CRANE & PIKE CO., Pittsfield, Mass. Published December 1, 1925.

8,601.—*Title:* DISCOVERED—A WAY TO MAKE ICE CREAM MORE DELICIOUS. For Frozen Confections. ESKIMO PIE CORPORATION, Louisville, Ky. Published January 23, 1926.

8,602.—*Title:* YOUR PICTURE OF TODAY WILL BE THE KEEPSAKE OF TOMORROW. For Pictures and Picture Frames. JOHN R. FOSTER, doing business as Foster Brothers, Boston, Mass. Published February 1, 1926.

8,603.—*Title:* PATHFINDER TIRE. For Vehicle Tires Composed Wholly or in Part of Rubber. THE GOODYEAR TIRE & RUBBER COMPANY INC., Akron, Ohio. Published January 15, 1926.

8,604.—*Title:* HEINZ HOLIDAY DESSERTS—READY. For Desserts. H. J. HEINZ COMPANY, Pittsburgh, Pa. Published November 14, 1925.

8,605.—*Title:* HOW HEINZ PROTECTS THE HOUSEWIFE IN THE FOODS SHE BUYS. For Heinz 57 Varieties. H. J. HEINZ COMPANY, Pittsburgh, Pa. Published February 1, 1926.

8,606.—*Title:* HEINZ KETCHUP IS ALL KETCHUP. For Tomato Ketchup. H. J. HEINZ COMPANY, Pittsburgh, Pa. Published January 9, 1926.

8,607.—*Title:* GIRO COMBINATION JELL-O. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published September 15, 1925.

8,608.—*Title:* SANEK CELLUCOTTON NECK STRIPS. For Sanitary Neck Strips. KIMBERLY-CLARK COMPANY, Neenah, Wis. Published October 24, 1925.

8,609.—*Title:* THE SUPER-VALUE STORE. 1,000 STORE BUYING POWER SUPER-WORTH CLOTHES. 1,000 STORE OVERALL. For Clothing. LOUIS A. LEPPER, Omaha, Nebr. Published November 15, 1925.

8,610.—*Title:* THE WIDE-AWAKE. For Books and Stationery. ANNA M. OLCOTT, doing business as The Wide-Awake Book Shop, Wilkes-Barre, Pa. Published February 13, 1925.

8,611.—*Title:* DON'T LET WINTER STACK THE CARDS AGAINST YOU! For Men's and Boys' Underwear. WRIGHT'S UNDERWEAR COMPANY, INC., Troy and New York, N. Y. Published October 31, 1925.

8,612.—*Title:* WARMTH IS HEALTH AND HEALTH IS WEALTH! For Men's and Boys' Underwear. WRIGHT'S UNDERWEAR COMPANY, INC., Troy and New York, N. Y. Published November 19, 1925.

8,613.—*Title:* HEALTH SAVED IS MONEY SAVED! WEAR UNDERWEAR WHICH KEEPS YOU WELL. For Men's and Boys' Underwear. WRIGHT'S UNDERWEAR COMPANY, INC., Troy and New York, N. Y. Published September 24, 1925.

8,614.—*Title:* YOU PROTECT YOUR STOCK BECAUSE THEY MEAN MONEY—HOW ABOUT YOURSELF? For Men's and Boys' Underwear. WRIGHT'S UNDERWEAR COMPANY, INC., Troy and New York, N. Y. Published October 29, 1925.

8,615.—*Title:* CAN YOU BUCK THE LINE OF WINTER? For Men's and Boys' Underwear. WRIGHT'S UNDERWEAR COMPANY, INC., Troy and New York, N. Y. Published October 17, 1925.

8,616.—*Title:* WILL WINTER WIN? OR YOU? For Men's and Boys' Underwear. WRIGHT'S UNDERWEAR COMPANY, INC., Troy and New York, N. Y. Published October 3, 1925.

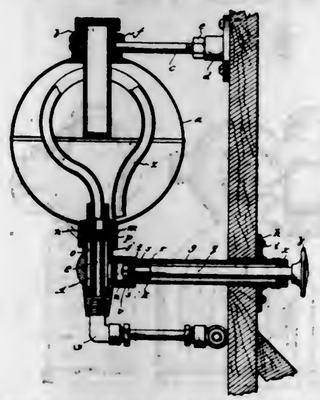
8,617.—*Title:* STOP! TRAFFIC CLOSED TO WINDS AND COLD. For Men's and Boys' Underwear. WRIGHT'S UNDERWEAR COMPANY, INC., Troy and New York, N. Y. Published November 14, 1925.

8,618.—*Title:* Y & S WIND-UP SALE. For Coats, Dresses, Hand Bags, Hosiery, Gloves, and Bath Robes. YALISOVE & SIGMUND, Wilmington, Del. Published January 22, 1926.

REISSUES

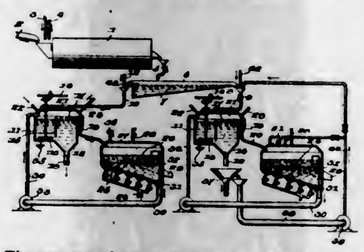
MARCH 2, 1926.

16,278. SUPPLY INSTALLATION FOR CENTRAL CHASSIS LUBRICATION. EDGAR J. BLOOM, Tiffin, Ohio, assignor, by mesne assignments, to Auto Research Corporation, a Corporation of New York. Filed Apr. 17, 1925. Serial No. 23,982. Original No. 1,451,861, dated Apr. 17, 1923, Serial No. 533,476, filed Feb. 1, 1922. 10 Claims. (Cl. 184—28.)



4. A supply installation for a chassis lubricating system including a pump cylinder structure having means serving for attachment thereof against the dashboard of a motor vehicle, a reservoir supported upon said pump structure in lubricant-tight communication therewith and extending thereabove, a check valve, a support for the latter carried by said cylinder structure, said valve permitting flow of lubricant from the reservoir toward the pump, and a seat above said valve against which said valve is raised and held by pressure exerted during pump discharge.

16,279. SEPARATING PROCESS. RIDSDALE ELLIS, Oak Park, Ill., assignor to Ellis Flotation Company, Inc., New York, N. Y., a Corporation of New York. Filed Aug. 1, 1924. Serial No. 729,623. Original application filed Apr. 15, 1918, Serial No. 228,623. Divided and this application filed Apr. 2, 1919, Serial No. 287,030. Original No. 1,425,186, dated Aug. 8, 1922. 28 Claims. (Cl. 209—166.)



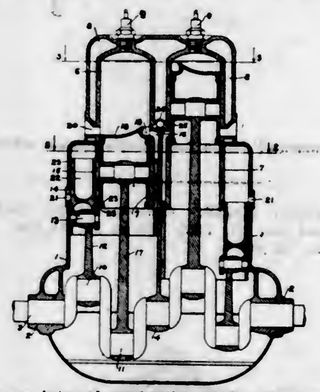
1. The process of concentrating ores which inclues mixing the comminuted ore with oil in the presence of an acid, then aerating the so-oiled ore pulp to form a collective froth and separating the froth from the remainder by flotation and which further includes the addition subsequent to the oiling treatment of material adapted to change the contact potential of the oil to a potential more negative than before for aiding the formation of a collective froth.

16,280. DENTAL MOLD CUP. CHARLES A. PALMER, Seattle, Wash., assignor, by mesne assignments, to Vincent B. Vaughan. Filed Aug. 30, 1922. Serial No. 585,320. Original No. 1,351,584, dated Aug. 31, 1920, Serial No. 340,893. filed Nov. 26, 1919. 8 Claims. (Cl. 22—97.)



1. A dental mold cup consisting of a cylindrical body made of porous material, having water absorbent characteristics, said cup being provided in each end with a conoidal cavity which cavities are communicatively connected by a small hole wherein a sprue wire can be supported by the cup structure.

16,281. INTERNAL-COMBUSTION ENGINE. LOUIS L. LUCE and LEROY MATTSON, Oakland, Calif., assignors to Luce-Mattson Engine Company, San Francisco, Calif., a Corporation of California. Filed Dec. 7, 1925. Serial No. 73,897. Original No. 1,482,519, dated Feb. 5, 1924, Serial No. 504,546, filed Oct. 1, 1921. 9 Claims. (Cl. 123—59.)

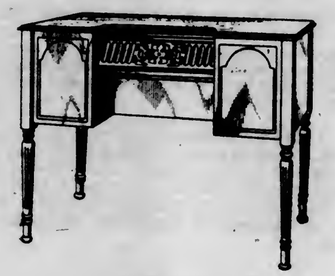


8. In an internal combustion engine, the combination of a crank case and a cylinder casing extending outwardly therefrom, stationary cylindrical walls within the casing providing a charging cylinder near the crank case and a smaller firing cylinder further removed from the crank case, the firing cylinder wall having a portion thereof extending into the charging cylinder in a manner providing a separating wall between the firing and charging cylinders, a charging piston in the charging cylinder between the charging cylinder wall and the said extension of the firing cylinder wall, the charging piston having an opening for receiving the said extension thereinto, a firing piston in the firing cylinder, a fuel supply port through the cylinder casing adapted to be opened and closed by the charging piston, a port connecting the charging and firing cylinders, an exhaust port from the firing cylinder, the last two ports being adatped to be opened and closed by the firing piston, a crank shaft, a pitman connection from the shaft to the charging piston, and a pitman connection from the shaft to the firing piston, the arrangement being such that in operation a charge of gas is received through the intake port into the charging cylinder, compressed by the charging piston and forced through the said connecting port into the firing cylinder and outwardly through the exhaust port after the explosion thereof.

DESIGNS

MARCH 2, 1926.

69,552. RADIO CONSOLE CABINET. CYRUS L. ADLER, Louisville, Ky. Filed Dec. 21, 1925. Serial No. 15,802. Term of patent 3½ years.



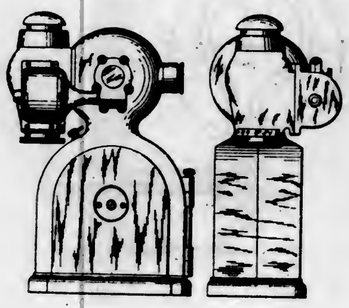
The ornamental design for a radio console cabinet as shown.

69,553. HALL CLOCK. GUST ANDERSON, Rockford, Ill. Filed Dec. 21, 1925. Serial No. 15,806. Term of patent 14 years.



The ornamental design for a hall clock, as shown.

69,554. CASING FOR MOTION-PICTURE PROJECTORS. GERALD J. BADGLEY, Brooklyn, N. Y., assignor to Duplex Motion Picture Industries, Inc., a Corporation of Delaware. Filed May 23, 1924. Serial No. 9,691. Term of patent 14 years.



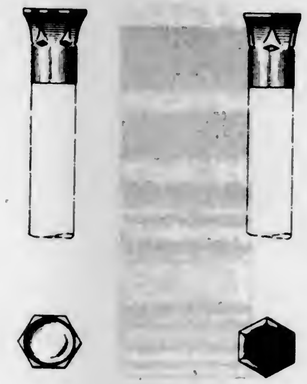
The ornamental design for casing for motion picture projectors, as shown.

69,555. TEXTILE FABRIC. NEVSA MCMEIN BARAGWANATH, New York, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,068. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,556. CAP FOR A PENCIL OR SIMILAR ARTICLE. GEORGE H. BARTLE, New York, N. Y., assignor to Arthur L. Kugel, Brooklyn, N. Y. Filed Nov. 17, 1923. Serial No. 7,808. Term of patent 14 years.



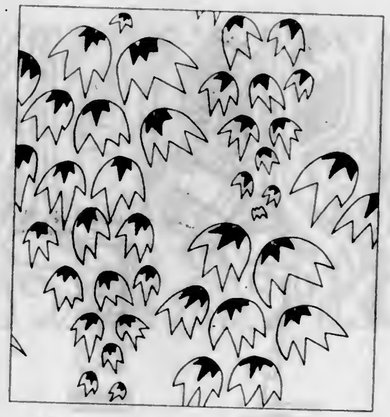
The ornamental design for a cap for a pencil or similar article as shown.

69,557. TEXTILE FABRIC. RALPH BARTON, New York, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,098. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,558. TEXTILE FABRIC. RALPH BARTON, New York, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,099. Term of patent 3½ years.



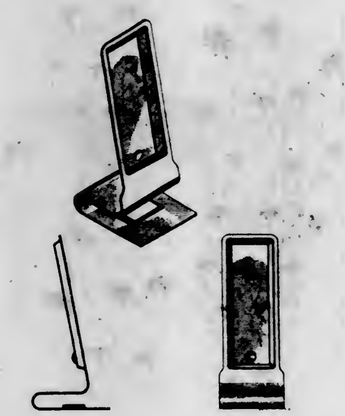
The ornamental design for a textile fabric as shown.

69,559. TOY. SAMUEL BERGER, Newark, N. J. Filed May 17, 1924. Serial No. 9,635. Term of patent 14 years.



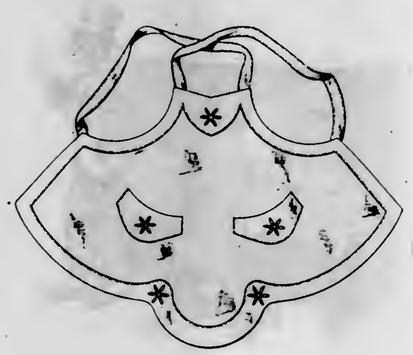
The ornamental design for a toy as shown.

69,560. THERMOMETER MOUNTING. HENRY B. BROWN, Rochester, N. Y., assignor to Taylor Instrument Companies, Rochester, N. Y., a Corporation of New York. Filed June 14, 1922. Serial No. 2,687. Term of patent 14 years.



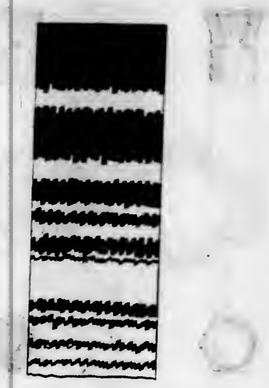
The ornamental design for a thermometer mounting, as shown.

69,561. APRON. VELMA MILLER CLARK, Brea, Calif. Filed Jan. 12, 1926. Serial No. 16,032. Term of patent 3½ years.



The ornamental design for an apron, as shown.

69,562. TEXTILE FABRIC. RENÉ CLARKE, Yonkers, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,075. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,563. TEXTILE FABRIC. RENÉ CLARKE, Yonkers, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,076. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,564. TEXTILE FABRIC. RENÉ CLARKE, Yonkers, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,077. Term of patent 3½ years.



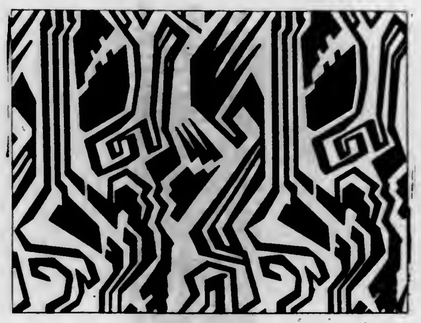
The ornamental design for a textile fabric as shown.

69,565. TEXTILE FABRIC. RENÉ CLARKE, Yonkers, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,078. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,566. TEXTILE FABRIC. RENÉ CLARKE, Yonkers, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,079. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,567. TEXTILE FABRIC. RENÉ CLARKE, Yonkers, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,080. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,568. TEXTILE FABRIC. RENÉ CLARKE, Yonkers, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,081. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,569. FLOWER HOLDER. R. GUY COWAN, Lakewood, Ohio. Filed Dec. 12, 1925. Serial No. 15,725. Term of patent 7 years.



The ornamental design for a flower holder, as shown.

69,570. LIGHTING FIXTURE. STANLEY CHAPEK, Detroit, Mich., assignor to Radiant Specialty Co., a Corporation of Michigan. Filed Oct. 29, 1925. Serial No. 15,285. Term of patent 3½ years.



The ornamental design for a lighting fixture, as shown.

69,571. COAT. TAUBE DAVIS, New York, N. Y., assignor to Franklin Simon & Co., Inc., New York, N. Y., a Corporation of New York. Filed Jan. 16, 1926. Serial No. 16,131. Term of patent 3½ years.



The ornamental design for a coat, substantially as shown and described.

69,572. COAT. TAUBE DAVIS, New York, N. Y., assignor to Franklin Simon & Co., Inc., New York, N. Y., a Corporation of New York. Filed Jan. 16, 1926. Serial No. 16,132. Term of patent 3½ years.



The ornamental design for a coat, substantially as shown and described.

69,573. DRESS. TAUBE DAVIS, New York, N. Y., assignor to Franklin Simon & Co., Inc., New York, N. Y., a Corporation of New York. Filed Jan. 16, 1926. Serial No. 16,135. Term of patent 3½ years.



The ornamental design for a dress, substantially as shown and described.

69,574. DRESS. TAUBE DAVIS, New York, N. Y., assignor to Franklin Simon & Co., Inc., New York, N. Y., a Corporation of New York. Filed Jan. 16, 1926. Serial No. 16,138. Term of patent 3½ years.



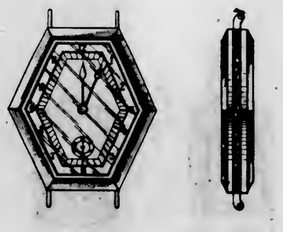
The ornamental design for a dress, substantially as shown and described.

69,575. OVERSHOE. CHESTER A. EMERSON, Wakefield, Mass., assignor to Converse Rubber Shoe Company, Malden, Mass. Filed Jan. 18, 1926. Serial No. 16,047. Term of patent 3½ years.



The ornamental design for an overshoe, as shown.

69,576. WATCHCASE. LOUIS A. EPPENSTEIN, Elgin, Ill., assignor to Illinois Watch Case Company, Elgin, Ill., a Corporation of Illinois. Filed Jan. 18, 1926. Serial No. 16,154. Term of patent 3½ years.



The ornamental design for a watchcase as shown.

69,577. WATCHCASE. SOLOMON C. EPPENSTEIN, Elgin, Ill., assignor to Illinois Watch Case Company, Elgin, Ill., a Corporation of Illinois. Filed Jan. 18, 1926. Serial No. 16,155. Term of patent 3½ years.



The ornamental design for a watchcase as shown.

69,578. TEXTILE FABRIC. CHARLES B. FALLS, New York, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,071. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,579. TEXTILE FABRIC. CHARLES B. FALLS, New York, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,073. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,580. TEXTILE FABRIC. CHARLES B. FALLS, New York, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,074. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,581. TEXTILE FABRIC. GUSTAVE M. FAUSER, Ardsley-on-Hudson, N. Y. Filed Oct. 13, 1924. Serial No. 11,064. Term of patent 7 years.



The ornamental design for a textile fabric as shown and described.

69,582. STATUETTE. DUDLEY TYNG FISHER, Jr., Columbus, Ohio. Filed Oct. 3, 1925. Serial No. 15,019. Term of patent 14 years.



The ornamental design for a statuette as shown.

69,583. TOY RABBIT. GEORGE C. HEISLER, Wooster, Ohio. Filed Dec. 29, 1925. Serial No. 15,895. Term of patent 7 years.



The ornamental design for a toy rabbit, as shown.

69,584. BOTTLE. ORIN A. HENDERSON, Shreveport, La. Filed Dec. 18, 1925. Serial No. 15,781. Term of patent 7 years.



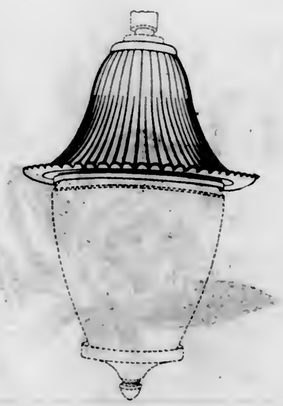
The ornamental design for a bottle, as shown.

69,585. FLOOR LAMP. FRANK S. JARRETT, Upper Darby Township, Delaware County, Pa. Filed Dec. 19, 1925. Serial No. 15,796. Term of patent 3½ years.



The ornamental design for a floor lamp, substantially as shown.

69,586. LAMP CANOPY. HOWARD L. JOHNSTON, Forest Hills Borough, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 16, 1925. Serial No. 12,072. Term of patent 3½ years.



The ornamental design for a lamp canopy as shown in the drawing.

69,587. TEXTILE FABRIC. KATHARINE STURGES KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,082. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,588. TEXTILE FABRIC. KATHARINE STURGES KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,083. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,589. TEXTILE FABRIC. KATHARINE STURGES KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,084. Term of patent 3½ years.



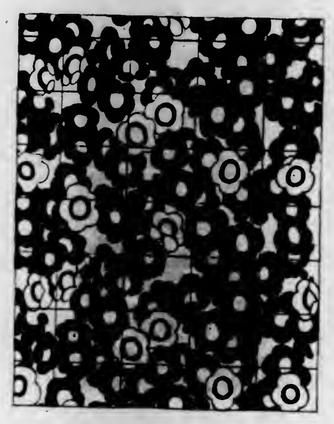
The ornamental design for a textile fabric as shown.

69,590. TEXTILE FABRIC. KATHARINE STURGES KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,085. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,591. TEXTILE FABRIC. KATHARINE STURGES KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,087. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,592. TEXTILE FABRIC. KATHARINE STURGES KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,088. Term of patent 3½ years.



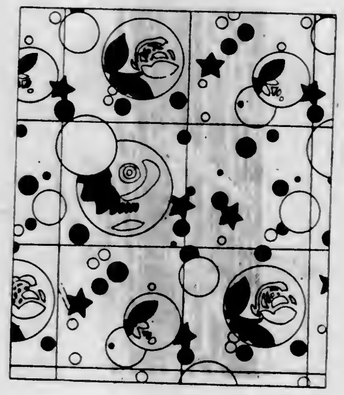
The ornamental design for a textile fabric as shown.

69,593. TEXTILE FABRIC. KATHARINE STURGES KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,089. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,594. TEXTILE FABRIC. KATHARINE STURGES KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,090. Term of patent 3½ years.



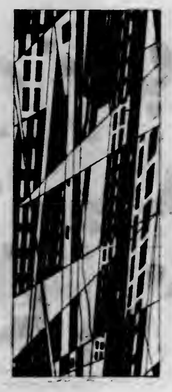
The ornamental design for a textile fabric as shown.

69,595. TEXTILE FABRIC. KATHARINE STURGES KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,091. Term of patent 3½ years.



The ornamental design for a textile fabric as shown

69,596. TEXTILE FABRIC. CLAYTON KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,092. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,597. TEXTILE FABRIC. CLAYTON KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926 Serial No. 16,093. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,598. TEXTILE FABRIC. CLAYTON KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,094. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,599. TEXTILE FABRIC. CLAYTON KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,095. Term of patent 3½ years.



The ornamental design for a textile fabric as shown.

69,600. TEXTILE FABRIC. CLAYTON KNIGHT, Roslyn, N. Y., assignor to Stehli Silks Corporation, a Corporation of New York. Filed Jan. 15, 1926. Serial No. 16,096. Term of patent 3½ years.



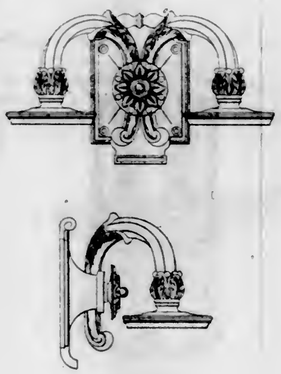
The ornamental design for a textile fabric as shown.

69,601. CHANDELIER. ISAAC LEVY, New York, N. Y., assignor to Metropolitan-Columbia Mfg. Co., Inc., a Corporation of New York. Filed Jan. 8, 1926. Serial No. 16,006. Term of patent 3½ years.



The ornamental design for a chandelier substantially as shown.

69,602. BRACKET PLATE FOR LIGHTING FIXTURES. FRANK L. LINDEN, Chicago, Ill. Filed Dec. 21, 1925. Serial No. 15,805. Term of patent 3½ years.



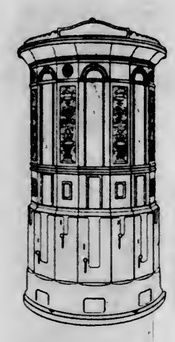
The ornamental design for a bracket plate for lighting fixtures, as shown.

69,603. LEMON REAMER. VIRGIL V. LOOMIS, Pittsburgh, Pa. Filed Jan. 12, 1926. Serial No. 16,027. Term of patent 14 years.



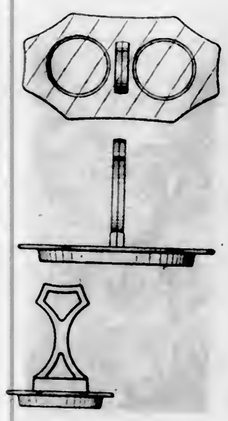
The ornamental design for a lemon reamer, substantially as shown.

69,604. VENDING-MACHINE CASING. LANDON C. MANNING, New York, N. Y. Filed Nov. 16, 1925. Serial No. 15,431. Term of patent 14 years.



The ornamental design for a vending machine casing as shown.

69,605. COMBINATION CREAM AND SUGAR TRAY. WILL CAMERON MCCARTNEY, Cambridge, Ohio. Filed Jan. 6, 1926. Serial No. 15,974. Term of patent 7 years.



The ornamental design for a combination cream and sugar tray, as shown.

69,606. TRAFFIC SIGNAL FOR AUTOMOBILES. JAMES LEROY MOUNT, Chicago, Ill. Filed Sept. 18, 1925. Serial No. 14,814. Term of patent 7 years.



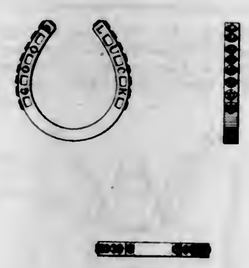
The ornamental design for traffic signal for automobiles, substantially as shown.

69,607. LACE. SAMUEL H. PAGE, Stratford, Conn., assignor to The American Fabrics Company, Bridgeport, Conn., a Corporation of Connecticut. Filed Oct. 26, 1925. Serial No. 15,250. Term of patent 14 years.



The ornamental design for lace substantially as shown.

69,608. RING OR THE LIKE. JOSEF PEJCHAR, Brooklyn, N. Y. Filed Sept. 30, 1925. Serial No. 14,982. Term of patent 14 years.



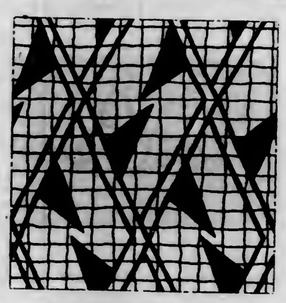
The ornamental design for a ring or the like, as shown.

69,609. TEXTILE FABRIC. ROBERT SCHEY, New York, N. Y., assignor to Max Kaufmann & Co. Inc., New York, N. Y., a Corporation of New York. Filed Dec. 21, 1925. Serial No. 15,813. Term of patent 8½ years.



The ornamental design for a textile fabric as shown and described.

69,610. TEXTILE FABRIC. ROBERT SCHEY, New York, N. Y., assignor to Max Kaufmann & Co. Inc., New York, N. Y., a Corporation of New York. Filed Dec. 21, 1925. Serial No. 15,814. Term of patent 8½ years.



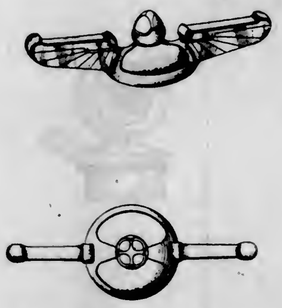
The ornamental design for a textile fabric as shown and described.

69,611. RADIATOR CAP. WILLIAM SCHNELL, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 26, 1925. Serial No. 15,858. Term of patent 7 years.



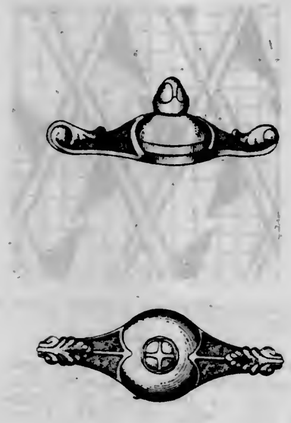
The ornamental design for a radiator cap as shown.

69,612. RADIATOR CAP. WILLIAM SCHNELL, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 26, 1925. Serial No. 15,859. Term of patent 7 years.



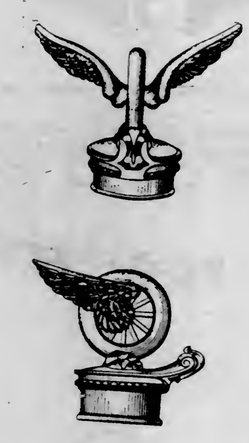
The ornamental design for a radiator cap as shown.

69,613. RADIATOR CAP. WILLIAM SCHNELL, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 26, 1925. Serial No. 15,860. Term of patent 7 years.



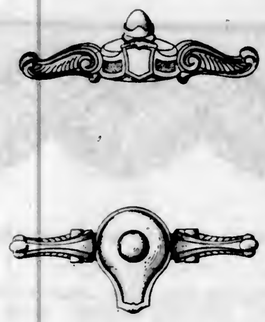
The ornamental design for a radiator cap as shown.

69,614. RADIATOR CAP. WILLIAM SCHNELL, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 26, 1925. Serial No. 15,863. Term of patent 7 years.



The ornamental design for a radiator cap substantially as shown.

69,615. RADIATOR CAP. WILLIAM SCHNELL, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 26, 1925. Serial No. 15,864. Term of patent 7 years.



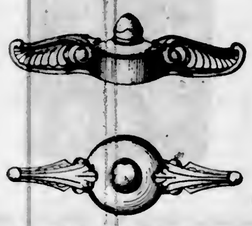
The ornamental design for a radiator cap substantially as shown.

69,616. RADIATOR CAP. WILLIAM SCHNELL, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 26, 1925. Serial No. 15,865. Term of patent 7 years.



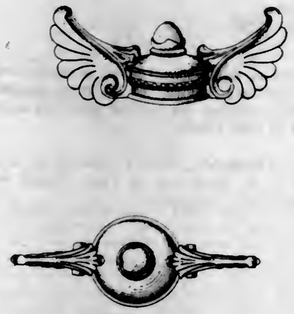
The ornamental design for a radiator cap as shown.

69,617. RADIATOR CAP. WILLIAM SCHNELL, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 26, 1925. Serial No. 15,868. Term of patent 7 years.



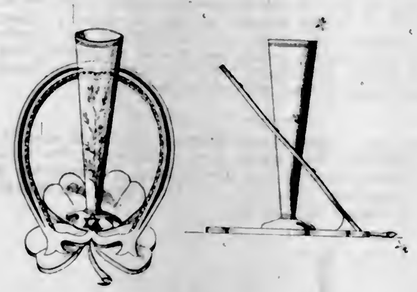
The ornamental design for a radiator cap as shown.

69,618. RADIATOR CAP. WILLIAM SCHNELL, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 26, 1925. Serial No. 15,870. Term of patent 7 years.



The ornamental design for a radiator cap substantially as shown.

69,619. VASE. FRANK ADAM SILAJ, Chicago, Ill. Filed Sept. 15, 1924. Serial No. 10,781. Term of patent 8½ years.



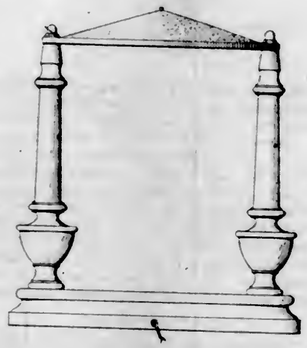
The ornamental design for a vase as shown.

69,620. COVER PAPER OR THE LIKE. THOMAS L. STONE, Newark, N. J., assignor to Hampden Glazed Paper & Card Company, Holyoke, Mass., a Corporation of Massachusetts. Filed Jan. 6, 1926. Serial No. 15,972. Term of patent 14 years.



The ornamental design for cover paper or the like as shown.

69,621. RADIO LOUD SPEAKER. LOUIS WULKAN, Cedarhurst, N. Y. Filed Nov. 12, 1925. Serial No. 15,407. Term of patent 8½ years.

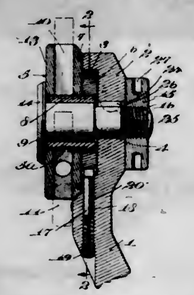


The ornamental design for a radio loud speaker, substantially as shown.

PATENTS

GRANTED MARCH 2, 1926.

1,574,741. TURRET-TOOL HOLDER. HERBERT BEAUMONT DAY, Detroit, Mich.; Eva Alexander administratrix of said Herbert Beaumont Day, deceased. Filed Oct. 24, 1924. Serial No. 745,683. 1 Claim. (Cl. 29—48.)

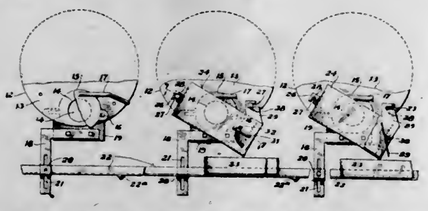


The combination with a supporting shank having substantially cylindrical portion recessed on one of its faces and apertured centrally of said recess, of a turret having means for supporting a plurality of radially extending tools, a ratchet plate rigidly secured to the turret and disposed within the said recess, a bushing traversing said turret and plate, a bolt traversing said bushing and shank with its head in engagement with the outer face of said turret, a nut threaded on the bolt for maintaining the parts in assembled relation, means preventing rotation of said bolt with respect to said shank, and means permitting rotation of the turret in one direction and preventing continued rotation in the opposite direction.

1,574,742. PROCESS OF REFINING AND DECOLORIZING BITUMENS. GEORGE W. ACHESON, Caldwell, N. J. Filed Oct. 8, 1924. Serial No. 742,429. 10 Claims. (Cl. 196—147.)

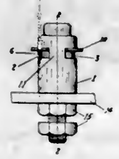
1. Process of refining and decolorizing bitumens comprising reacting thereon with a solid reflocculated adsorbent material in conjunction with an acid reagent, separating the refined bitumen from the acid sludge, and further treating the same with an anhydrous oxid having a decolorizing action thereon.

1,574,743. GAUGE BOX FOR ICE-CREAM FREEZERS. ALBERT ERNEST ALCHIN, Perth Amboy, N. J. Filed July 3, 1924. Serial No. 724,046. 9 Claims. (Cl. 226—100.)



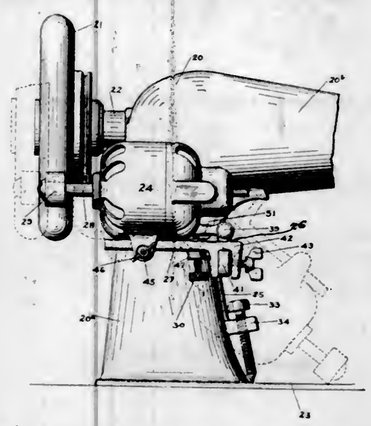
1. The combination with a freezer having a head provided with a discharge opening, of a gauge box secured to said head and having a portion of its rear side wall cut away so as to fit beneath and partially around said opening, said box having an inclined bottom, and a pivoted gate forming the end of said box adjacent the lower end of said bottom.

1,574,744. TERMINAL POST. EDWARD L. AIKEN, East Orange, N. J. Filed Aug. 3, 1925. Serial No. 47,995. 6 Claims. (Cl. 173—259.)



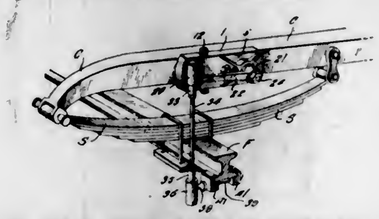
1. A terminal post comprising; a thimble having means for mounting, said thimble having a pair of substantially opposite horizontal slots cutting through the wall of the thimble, a plunger held within the thimble but having an end protruding therefrom, said plunger having a pair of flanges disposed to form an annular groove therebetween of substantially the width of the thimble slot and a spring within the thimble cooperating with the thimble to normally hold the plunger so the lower flange thereon closes the slots in the thimble.

1,574,745. SEWING-MACHINE MOTOR. EDWARD N. ANKETELL, New Haven, Conn., assignor to The A. C. Gilbert Company, New Haven, Conn., a Corporation of Connecticut. Filed June 10, 1919. Serial No. 303,142. 35 Claims. (Cl. 74—26.)



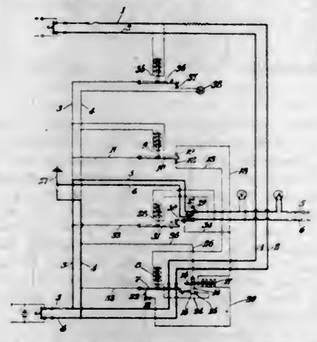
1. The combination with a sewing machine head having a wheel at one end, of a motor member having a shaft with a friction drive pulley thereon, and means mounting said motor member so that it is movable in an approximately vertical plane upwardly into engagement with the lower portion of the machine wheel, and non-yielding means for varying the friction between the drive pulley and the machine wheel.

1,574,746. DOUBLE-ACTING SPRING SNUB. ALBERT N. ANTHES, Quincy, Ill., assignor of one-half to Robert F. Gunther, Quincy, Ill. Filed Jan. 15, 1924. Serial No. 686,444. 7 Claims. (Cl. 267—9.)



1. In a double acting shock absorbing device for vehicles, a link connection comprising an arm, said arm having a ball end, a second ball arm clamped to the axle portion of the vehicle, ball joint sockets in which the respective ball arms are mounted, reversely threaded sleeve extensions on the ball-joint socket, a link having reversely threaded ends adjustably connecting said reversely threaded sleeve extensions and means for attaching the link connection to the vertical frame.

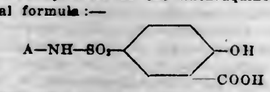
1,574,747. AUTOMATIC BATTERY-CHARGING SYSTEM. CHARLES AUTH, New York, N. Y., assignor to Emma Louise Auth, Brooklyn, N. Y. Filed July 19, 1923. Serial No. 652,484. 2 Claims. (Cl. 175—294.)



1. A battery charging system comprising a power circuit, a charging circuit, a service circuit, a switch member for shifting the power circuit into and out of connection with the charging circuit, a locking device adapted to hold said switch member in closed position against minor voltage fluctuations in the battery circuit, a circuit breaker in said service circuit, and means for releasing said locking device upon the actuation of said circuit breaker.

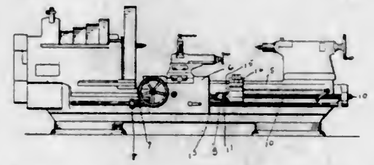
1,574,748. DYESTUFF OF THE ANTHRAQUINONE SERIES AND PROCESS OF MAKING SAME. JAMES BADDILEY and WILLIAM WYNDHAM TATUM, Manchester, England, assignors to British Dyestuffs Corporation Limited, Manchester, England. Filed Apr. 18, 1923. Serial No. 632,088. 3 Claims. (Cl. 260—60.)

1. The new dyestuffs of the anthraquinone series of the general formula:—



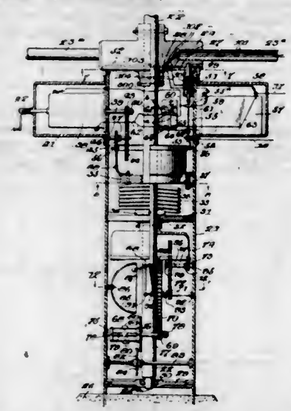
in which "A" represents an anthraquinone residue, which can be suitably substituted, which are acid dyestuffs dyeing wool directly and also dye on a chrome mordant and possess considerable affinity for acetyl silk.

1,574,749. BACKING-OFF ATTACHMENT FOR LATHES. ALBERT BAILEY, Brightwood, Mass. Filed Mar. 25, 1922. Serial No. 546,788. 4 Claims. (Cl. 82—19.)



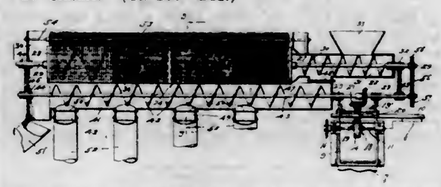
1. The combination with a lathe having a bed, a carriage movable on the bed, a spindle and a carriage propelling screw having gear connection with the spindle of a cam having driving connection with the screw, and means carried by the carriage to engage said cam, said cam being arranged to propel the carriage in one direction, the carriage being movable in a direction parallel to the axis of the screw.

1,574,750. CROSSING PROTECTOR. ANDREW J. BAKER, Tucson, Ariz. Filed Mar. 27, 1923. Serial No. 628,097. 28 Claims. (Cl. 246—126.)



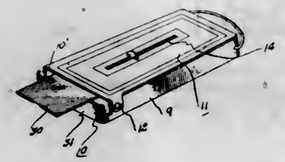
27. A crossing protector comprising a rotatable gate, spring means for operating said gate, means for winding said spring means, said gate remaining stationary during the winding operation, and means for controlling the operation of said winding means.

1,574,751. COMBINED GRAIN CROSS CONVEYER AND DOCKAGE REMOVER. ANSON S. BARKER, Minneapolis, Minn. Filed Dec. 31, 1924. Serial No. 759,044. 17 Claims. (Cl. 209—241.)



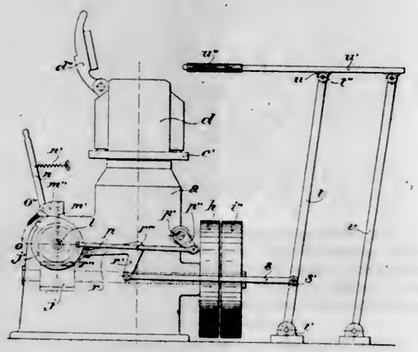
1. A combined conveyer and dockage remover comprising a screen, sectional conveying means for delivering grain to the screen and for receiving the dockage from the screen, and a gate operative, at will, to cause one section of the conveying means to by-pass the grain in the direction of the screen.

1,574,752. TICKET HOLDER. ERNEST BERNIER, Detroit, Mich., assignor of one-half to Jean B. Charette, Detroit, Mich. Filed Jan. 24, 1925. Serial No. 4,422. 1 Claim. (Cl. 206—40.)



A ticket holder of the class described, comprising a compartment adapted for the reception of a plurality of tickets; said walls on said compartments, the opposite side walls each having a slot formed therein; a cover swingably mounted on said side walls and adapted for engaging at its lower edge in said slots upon movement to open position, said cover being slightly shorter than said compartment the space extending between said slots being open; a spring held follower mounted in said compartment and adapted for normally retaining tickets placed therein in closed engagement with said cover; and slidable means mounted on said cover for projecting said tickets from said compartment individually at the end bearing said slots.

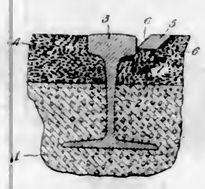
1,574,753. MACHINE FOR MOLDING BUILDING BLOCKS AND THE LIKE. FRANÇOIS BONNET, Villefranche-sur-Saone, France. Filed Apr. 29, 1924. Serial No. 709,869. 3 Claims. (Cl. 25—45.)



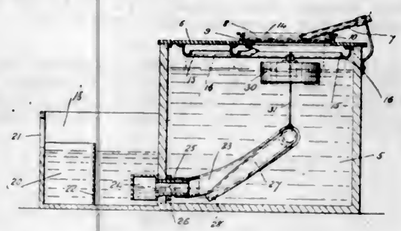
1. In a molding apparatus of the character described, an ejector plate for the molded block, a crank disc, means for rotating said crank disc, means for governing the rotation of said crank disc, means operated by said crank disc for raising said ejector plate and thereby said block from the molding box of the apparatus, recesses in the upper surface of said ejector plate, rollers adapted to rotate in said recesses and means for introducing said rollers into said recesses or withdrawing them therefrom.

1,574,754. METHOD OF MAKING PAVEMENT CONFORMATION. MATTHEW F. BRAMLEY, Cleveland, Ohio. Filed Jan. 8, 1925. Serial No. 1,297. 4 Claims. (Cl. 238—9.)

2. The method of making a rail-adjoining pavement which consists in laying an asphalt pavement adjoining a rail, pressing a symmetrically shaped and reversible metal member into said pavement while soft, allowing the pavement to harden against said member and finally removing said member to leave a channel between said rail and the pavement for the passage of a car wheel flange.

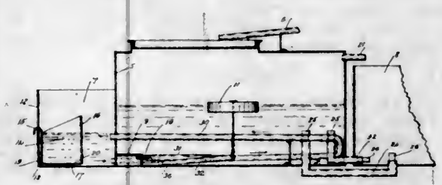


1,574,755. STOCK WATERER. REUBEN G. PETERSON, Wessington Springs, S. Dak. Filed Mar. 27, 1924. Serial No. 702,233. 9 Claims. (Cl. 119—78.)



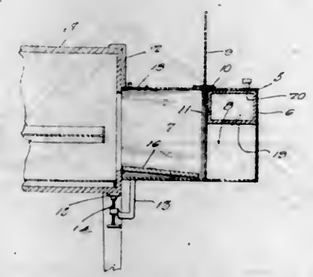
1. In a stock waterer, a supply tank, a drinking trough for cattle having at one side a drinking opening for hogs, means for automatically regulating the delivery of water from the tank to the drinking trough, and a compartment for hogs to drink from arranged inside the drinking trough below and adjacent to the said opening and having a water inlet opening in its lower part which communicates with the drinking trough, said tank and compartment having one side common to both and the top edges of the said compartment being extended above the level of the bottom edge of the said drinking opening for hogs.

1,574,756. STOCK WATERER. REUBEN G. PETERSON, Wessington Springs, S. Dak. Filed Sept. 27, 1924. Serial No. 740,298. 2 Claims. (Cl. 119—73.)



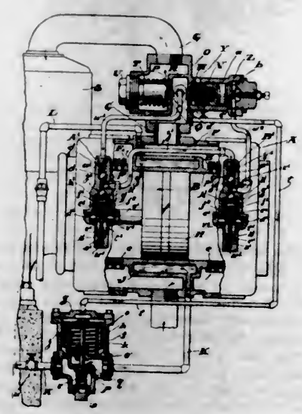
1. A drinking trough for cattle having a drinking opening for hogs on one side, a detachable receptacle for the water for the hogs having an inlet openings for water at its lower part, hooks on the front edge of the receptacle which hook onto the adjacent side of the trough and suspend the said receptacle in the trough, and overlapping projections on the adjacent sides of the said trough and receptacle which prevent the receptacle from being displaced by the hogs.

1,574,757. INCUBATOR ATTACHMENT. KATIE POMMER, Bemidji, Minn. Filed Aug. 18, 1925. Serial No. 50,988. 5 Claims. (Cl. 119—35.)



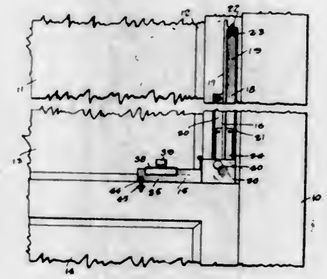
5. An attachment for an incubator, wherein the incubator is provided with an end wall having an opening and a hinged closure for said opening, comprising a box-like structure having an open end and a closed end, the latter end including a transparency, a hot water tank located in the casing adjacent the transparency, a partition slidable transversely across the interior of the casing, a door hingedly mounted adjacent the open end of the casing, and means for attaching the open end of the casing over the opening in the incubator.

1,574,758. WATER VALVE FOR COMPRESSORS. SNOWDEN B. REDFIELD, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed May 16, 1923. Serial No. 639,260. 6 Claims. (Cl. 230—6.)



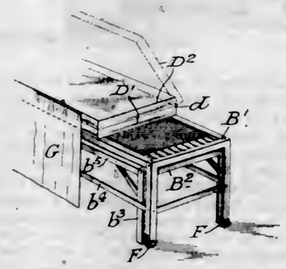
1. In a compressor, the combination with a valve adapted to be conected to a compressor for controlling the supply of cooling water to the compressor cylinder, of a plurality of pilot valves in communication with the discharge line of the compressor and connected in series with the water valve, whereby cooling water is admitted to the compressor cylinder after the compressor has attained a predetermined speed, and shut off as the compressor stops.

1,574,759. WINDOW-SASH LOCK. TREMONT W. BICKEL, McAllen, Tex. Filed Aug. 6, 1925. Serial No. 48,676. 5 Claims. (Cl. 292—14.5.)



1. A window sash lock comprising, in combination, a mechanism adapted to be mounted on the lower sash of a window, a guide frame adapted to be mounted on the upper sash in co-acting position with the locking mechanism, a bar spring secured to the lower end of the guide frame engageable with the locking mechanism, and means for disengaging the bar spring from the said locking mechanism.

1,574,760. COUCH BED. GEORGE F. SISBOWER, Flushing, and LOUIS E. PITTONI, New York, N. Y., assignors to Manhattan-Rome Company, Branch of Rome Metallic Bedstead Co., Long Island City, N. Y., a Corporation of New York. Filed Apr. 27, 1921. Serial No. 464,906. 3 Claims. (Cl. 5—333.)

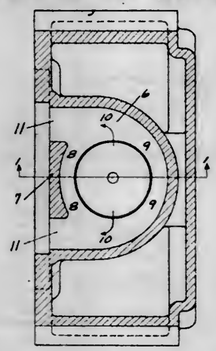


1. A folding mattress for telescoping couch beds comprising two sections hinged together along one longitudinal edge, a valance secured to the free edge of one section and having a portion extended upwardly over and normally covering the free edge of the other section when the mattress is folded, said valance having a portion draping downwardly from the first mentioned section, whereby when the mattress is placed upon a couch with the draped portion of the valance hanging down, the mattress may be unfolded without disturbing the valance.

1,574,761. VALVE MECHANISM. ALLAN D. SKINNER, Erie, Pa., assignor to Skinner Engine Company, Erie, Pa., a Corporation of Pennsylvania. Filed Dec. 8, 1920. Serial No. 429,247. 5 Claims. (Cl. 121—185.)

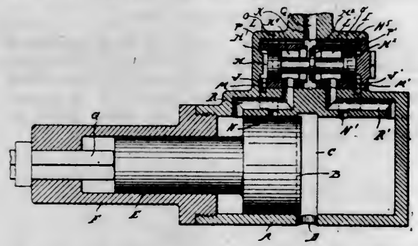
1. In a valve mechanism, the combination of a poppet valve; and a valve chest having a port extending lat-

erally from the axis of the valve and to one side of the valve, said port having a bridge dividing the flow



through the port and approximately balancing the side thrust on the valve.

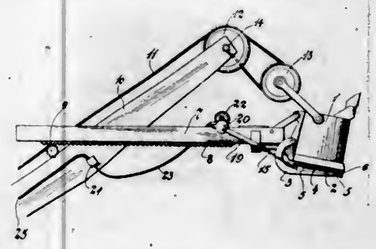
1,574,762. PNEUMATIC TOOL. WILLIAM A. SMITH and CLARENCE H. DOCKHAM, Detroit, Mich., assignors to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Filed May 2, 1921. Serial No. 466,189. 10 Claims. (Cl. 121—18.)



1. In a fluid pressure operated tool, a cylinder, a piston reciprocable therein, said cylinder having a main exhaust port overrun by said piston, motion fluid inlet passages opening into said cylinder adjacent the ends thereof, a valve controlling the movements of said piston and arranged to admit motive fluid in alteration to said passages, means for shifting said valve in timed relation with the movements of said piston including a passage supplying motive fluid continuously in limited amount to one pressure area of said valve, a valve controlling exhaust passage extending from said area to said cylinder intermediate said main exhaust port and one end of said cylinder, and auxiliary exhaust means controlled by said valve for said end of the cylinder whereby the full stroke of the piston is secured and any tendency of the valve to shift prior to the closing of said valve controlling exhaust passage by said piston is avoided.

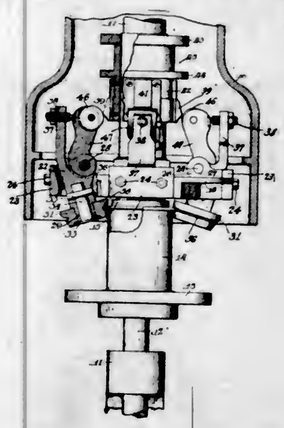
1,574,763. DIPPER TRIP. PAUL S. STEVENS, South Milwaukee, Wis., assignor to Bucyrus Company, South Milwaukee, Wis. Filed Nov. 21, 1925. Serial No. 70,565. 12 Claims. (Cl. 214—146.)

1. In a dipper trip, the combination of a dipper-handle, an excavating dipper on said handle, a dump-door to said dipper, a latch for said door, a latch-keeper for said latch, a drum journally mounted in said handle, a chain to retract said latch from said latch-keeper and extending from said latch to said drum and wound about said drum, a lever to rotate said drum, an electric motor mounted on said dipper-handle, a wheel rotated by said motor, and a connecting-rod connecting said wheel and said lever; the radius distance from the point of connection of the connecting-rod and wheel to the center of said wheel being appreciably less than the radius distance from the point of connection of the connecting-rod and lever to the center of rotation of said lever; and the



difference between the length of the connecting-rod and the distance from the center of said wheel to the center of rotation of said lever being appreciably less than the difference of said radii.

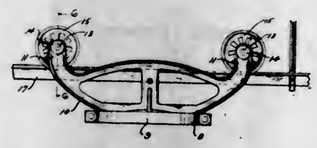
1,574,764. SEAMING HEAD. SWAN N. TEVANDER, Maywood, Ill., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Aug. 16, 1920. Serial No. 403,908. 23 Claims. (Cl. 113—24.)



1. A double seaming head, comprising in combination, a set of can holding members, and a set of roll carrying members mounted for relative rotation and rolls carried by said roll carrying members, and means causing said rolls to successively move inward and engage and bend the cover flange and body flange of the can in said holding members, the roll which is caused first to so operate being formed with an upper relatively long groove wall which engages on top of and depresses said flanges and with a lower relatively short groove wall which curls the extremity of the cover flange under the body flange.

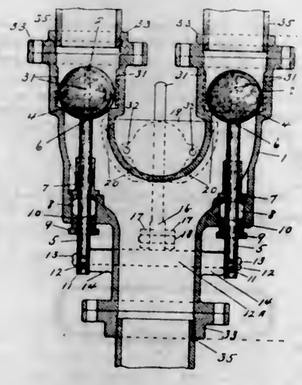
1,574,765. CARRIAGE FOR CARRIERS. RUSSELL G. THOMPSON, Janesville, and ELMER T. ABENDROTH, De Pere, Wis., assignors to Hudson Manufacturing Company, Minneapolis, Minn., a Corporation of Wisconsin. Filed May 15, 1925. Serial No. 30,572. 7 Claims. (Cl. 105—154.)

3. A carriage of the class described, comprising a frame formed with a pair of spaced apart side members, wheels for said carriage, bolt means for connecting the wheels to the carriage, and washer members carried by said bolts on either side of the side frame members for varying the proximity of the wheels to the side frame mem-



bers thereby permitting the utilization of the same length of bolt means for all adjustments of the wheels and frame with respect to each other.

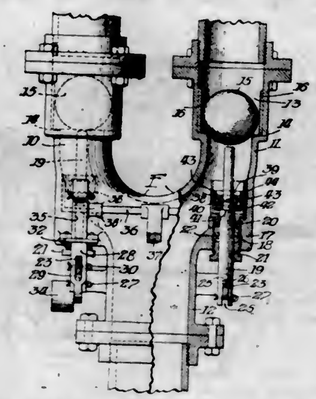
1,574,766. VALVE FOR LIQUIDS. BENJAMIN W. THURTELL, Chicago, Ill. Filed June 16, 1924. Serial No. 720,333. 5 Claims. (Cl. 277—20.)



1. In a valve structure, the combination of a valve body having a plurality of intake passageways and an outlet passageway, valve seats formed in said intake passagewnys and a ball valve for each seat, a vertically slidable stem below each ball valve, an actuating lever for each stem pivoted to the valve body and connected at its inner end with the lower end of the stem, the outer ends of said levers being connected by a bar, and an actuating member engaging with said bar to cause simultaneous movement of said levers and raising of the stems to unseat the ball valves.

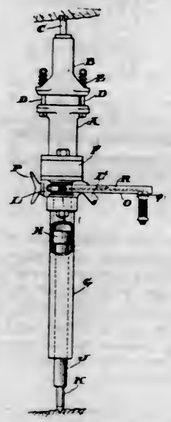
5. In a valve structure, the combination of a valve body having parallel inlet passageways, and a common outlet passageway, each inlet passageway having a valve seat and a ball valve therefor, a vertical stem axially below each ball valve and slidable in said body, a bar, arms extending from the ends of said bar and pivoted to the valve body, the inner end of each bar being connected with the lower end of the corresponding stem, an actuating lever pivoted to said valve body over said bar, said actuating lever having a flat surface and the weight of said ball valve on said stem normally holding said bar against said flat surface, said lever having a cam surface for engagement with said bar to swing said arm to cause vertical movement of said stem and raising of said ball valves from their seats, said actuating lever tending to be thrown back suddenly when moved toward normal position, and cushioning means for retarding such return movement, whereby said ball valves will be reseated slowly and injury to their valve seats prevented.

1,574,767. VALVE. BENJAMIN W. THURTELL, Chicago, Ill. Filed Apr. 20, 1925. Serial No. 24,338. 6 Claims. (Cl. 277—20.)



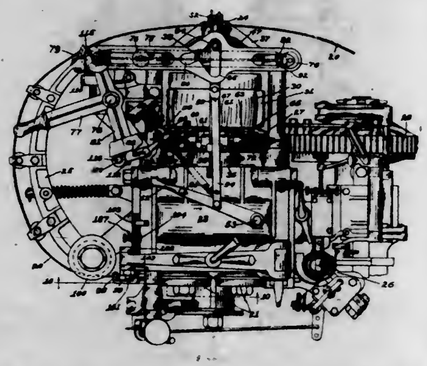
6. In a valve structure, the combination of a plurality of valve members, means for independently opening any number of such valve members to any degree desired, independent locking mechanism for each member for locking it in its open position, and a common means for releasing the locking mechanisms of the open valve members, whereby said members may simultaneously return to closed positions.

1,574,768. HANDLE FOR ROCK DRILLS. GROVER G. TUTTLE, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Mar. 5, 1923. Serial No. 622,748. 2 Claims. (Cl. 121—9.)



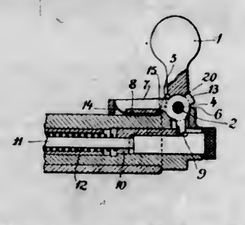
1. In a rock drill, the combination with an element to be controlled, of a handle, a passage through the handle leading from the element to be controlled to the atmosphere, a valve through said handle for controlling the passage, a sleeve forming a grip mounted loosely on said handle for controlling the valve, a dished portion in said sleeve constantly in contact with the valve whereby the valve may be opened upon movement of the sleeve with respect to the handle, and springs in each end of the sleeve for holding the sleeve normally in balanced suspension and for automatically returning the sleeve to its mean position.

1,574,769. AUTOMATIC MACHINE-CONTROL MEANS. BERT L. VAN ORMAN, Highland Park, Mich., assignor to L. A. Young Industries, Inc., Detroit, Mich. Filed Oct. 15, 1923. Serial No. 668,677. 15 Claims. (Cl. 192—144.)



9. The combination with the machine to be controlled and the stock operated upon by the machine, of a variable speed driving means for said machine, a manually adjustable control member for said driving means, a spring actuated releasing member for said control member, a manually adjusted locking means for said releasing member, a circuit closing means held normally in open position by the stock and a means for releasing said locking means including an electromagnet in the circuit of said circuit closing means.

1,574,770. FIREARM. RUDOLF VON FROMMER, Budapest, Hungary. Filed Apr. 24, 1924. Serial No. 708,764. 3 Claims. (Cl. 42—16.)

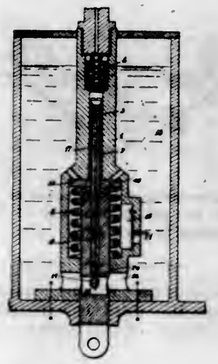


1. In a firearm, the combination of a breech-bolt, an operating handle therefor swingably connected to said breech-bolt, a coupling member movably connected to said operating handle for coupling the same with a part of the firearm, means on said handle for operating said coupling member in one direction, and a spring for operating the coupling member in the opposite direction independently of the swinging movements of the handle relatively to the breech-bolt.

1,574,771. PLASTIC COMPOSITION MATERIAL AND METHOD OF PRODUCING THE SAME. GEORGE J. VOTAPEK, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed July 10, 1922. Serial No. 574,077. 16 Claims. (Cl. 106—22.)

1. The process of treating a binder to improve the properties thereof for use in plastic composition material, said binder comprising the reaction product of a phenolic body and a halogen derivative of sulphur, which comprises incorporating in such binder a small quantity of stearine pitch.

1,574,772. FUEL-FEED PUMP FOR INTERNAL-COMBUSTION ENGINES. RUDOLF WALKER, Vienna, Austria. Filed Jan. 25, 1924. Serial No. 688,526. 11 Claims. (Cl. 103—178.)



1. In a liquid fuel pump for internal combustion engines, a pump piston, a suction valve on said piston having complete freedom of movement within its limited stroke, said valve being of such weight as to be caused to open and close quickly by the action of its large inertia at each reversal of the stroke of the fast moving piston and being carried along in its open and closed positions respectively.

1,574,773. WATERPROOF GAITER. EDWARD R. WHARTON, Medford, Mass. Filed July 2, 1925. Serial No. 41,020. 2 Claims. (Cl. 36—2.)



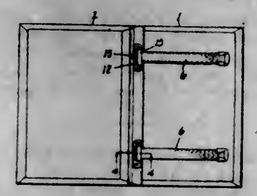
1. A waterproof article of the character stated, comprising a plurality of laminated parts each including a relatively stiff inner layer and an outer layer of limp waterproof material coextensive with and superimposed on the inner layer, said parts having meeting edges and marginal edges, the meeting edges being united to each other to form a gaiter and secure the outer layers to the inner layers at the meeting edges, the outer layers being united to the inner layers at the marginal edges, the inner layers collectively constituting a form-maintaining body portion, while the outer layers collectively constitute a continuous waterproof veneer backed and maintained in gaiter form by the body portion.

2. A waterproof article as specified by claim 1, the body portion being of skeleton form and provided with sight openings, the material of the said veneer being transparent so that portions of stockings, within the gaiter, are visible through the sight openings.

1,574,774. TEMPORARY BINDER. GEORGE P. WIGGINTON, Kalamazoo, Mich., assignor to Kalamazoo Loose Leaf Binder Company, Kalamazoo, Mich. Filed Apr. 11, 1925. Serial No. 22,287. 6 Claims. (Cl. 129—41.)

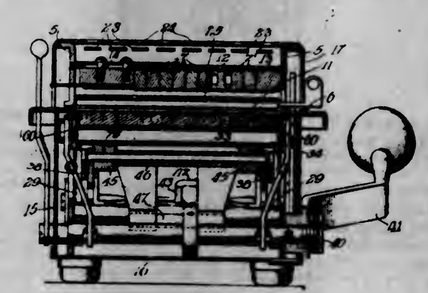
6. In a temporary binder, the combination of top and bottom binding bars, the top binding bar having binding strip openings therein, binding strips connected to the bottom binding bar and disposed through said openings in said top binding bar, clamping plates mounted on the outer side of said top binding bar and having openings

therein registering with the openings of said top binding bar, the front edges of the openings of said clamping plates having upwardly directed teeth, and clamping mem-



bers pivotally mounted on said clamping plates so that said clamping members may be swung forwardly to clamp the binding strips upon said teeth.

1,574,775. CHECK WRITER. GEORGE M. WILLIS, Chicago, Ill., assignor to Checkometer Sales Co., a Corporation. Filed Mar. 3, 1924. Serial No. 696,421. 9 Claims. (Cl. 101—19.)



1. In a check writer, the combination of a platen having a plurality of parallel grooves across its impression face in the direction of its least dimension, a plurality of type bearing bars mounted for longitudinal shifting movement parallel with the grooves in the impression face of the platen and normal to the length of said platen, said type bearing bars each having a plurality of printing characters for selective registration with the platen to impress different amounts, said printing characters being defined by grooves in the impression faces of each type bar parallel with each other and parallel with the shifting movement of the type bars, said grooves being parallel with the grooves in the impression face of the platen and the grooves in each type bar being common to all of the printing characters thereon so that the same grooves cooperate with the grooves in the platen in all of the selective printing positions of each bar.

1,574,776. PROCESS FOR PRODUCING A YEAST PREPARATION. RICHARD WILLSTÄTTER, Munich, Germany, and Harry Sobotka, New York, N. Y. Filed Jan. 16, 1925. Serial No. 2,921. 7 Claims. (Cl. 99—11.)

1. The process of producing a yeast preparation rich in vitamines and enzymes, which consists in mixing with yeast at least one-third of its weight of a disaccharide other than cane sugar to initiate plasmolysis of the yeast, and continuing and completing the plasmolysis by heating the mixture.

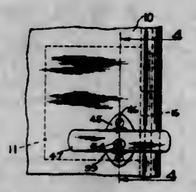
4. An article of manufacture for use as a baking or brewing preparation, consisting of yeast and a disaccharide other than cane-sugar mixed therewith with application of heat in a proportion which produces liquefaction but not fermentation.

1,574,777. HATCH COVER AND MEANS FOR OPERATING AND LOCKING THE SAME. WILLIAM H. WINS, Toledo, Ohio. Filed Mar. 31, 1924. Serial No. 703,168. 5 Claims. (Cl. 292—282.)



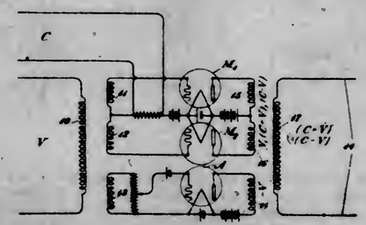
1. In combination with a hatch frame, a hatch cover pivotally mounted on said frame, a supporting link pivoted to one of said members and a supporting arm pivotally secured to the other of said members, and said link frictionally engaging said arm when in one position tightly locking the hatch cover on said hatch frame, and allowing the hatch cover to be supported in a partly open position when said link and said arm are operated, and cooperating means on the said supporting link and the said supporting arm so that a movement of the said supporting arm will release the hatch cover from its seat, and a lug formed on the supporting link, the said supporting arm also provided with a notch for cooperating with the lug so that a movement of the arm will partly lift the hatch cover from its seat.

1,574,778. DOOR LOCK. ARTHUR E. WOODRUFF, Mount Carmel, Conn., assignor to The W. W. Woodruff & Sons Co., Mount Carmel, Conn. Filed Apr. 25, 1922. Serial No. 556,517. 36 Claims. (Cl. 70—91.)



1. In a door lock, a bolt, manually operable means projecting from the door for withdrawing the bolt, means manually movable into engagement with said operable means for dogging said means against movement while allowing the retraction of said bolt, and key controlled means carried by said manually operable means for rendering said dogging means inoperative.

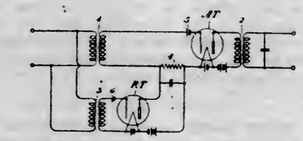
1,574,779. TRANSLATING CIRCUITS. HERMAN A. AFFEL, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Oct. 5, 1921. Serial No. 505,529. 9 Claims. (Cl. 179—171.)



1. In a translating system in which two translating devices are employed, one having a characteristic which is chiefly non-linear and the other having a character-

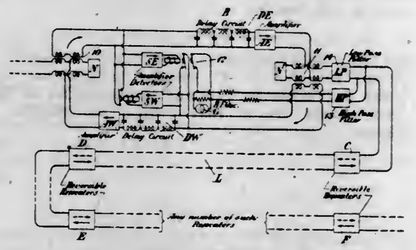
istic which is chiefly linear, the method of transmission which consists in subjecting energy to the action of the device whose characteristic is chiefly non-linear, thereby producing in the output of said device energy components due to its non-linear characteristic and other energy components due to the linear component of its characteristic, and subjecting a portion of the energy applied to said first mentioned translating device to the action of the translating device having the linear characteristic, the amount of energy so subjected being of such value as to produce translated energy equal in value to the components resulting from the linear action of said first translating device, and impressing the translated energy upon a transmission medium carrying said components resulting from the linear action of said first translating device but in opposite phase relation thereto.

1,574,780. MEANS FOR AND METHOD OF MODULATION. HERMAN A. AFFEL, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Oct. 5, 1921. Serial No. 505,530. 19 Claims. (Cl. 179—171.)



1. The method of varying the amplification of a vacuum tube amplifier which consists in producing a current whose amplitude is proportional to the envelope of the alternating input energy applied to the tube and in adjusting the static grid potential in accordance with the amplitude of the current so produced.

1,574,781. VOICE-OPERATED REPEATER SYSTEM. HENRY A. BARTON, Princeton, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Oct. 23, 1923. Serial No. 670,313. 8 Claims. (Cl. 179—170.)

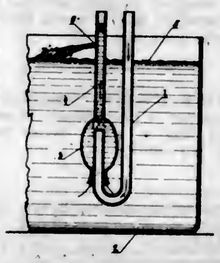


1. A repeater system comprising reversible repeaters at points along a transmission line, means associated with each repeater to reverse the direction of such repeater in response to an alternating control current, a terminal control station, and means at said control station responsive to voice currents to transmit an alternating control current to the reversible repeaters.

1,574,782. NONMAGNETIC STEEL. ERICH BECKER, Kladno, Czechoslovakia, assignor to Poldihütte, Praha-Vinohrady, Czechoslovakia, a Joint Stock Company. Filed May 25, 1925. Serial No. 32,830. 2 Claims. (Cl. 75—1.)

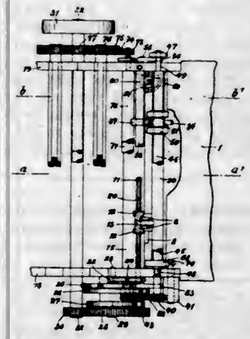
1. A non-magnetic steel having a high yield point and elongation in its normal condition, such steel containing from 6 to 15 per cent of manganese; from 17 to 4 per cent of nickel; and at least one metal having similar properties to chromium in appreciable quantity up to 10 per cent.

1,574,783. PROCESS AND DEVICE FOR REGENERATING WATER OF AQUARIA. EVERT WILLEM BETH, The Hague, Netherlands. Filed June 23, 1925. Serial No. 39,144. 3 Claims. (Cl. 119—5.)



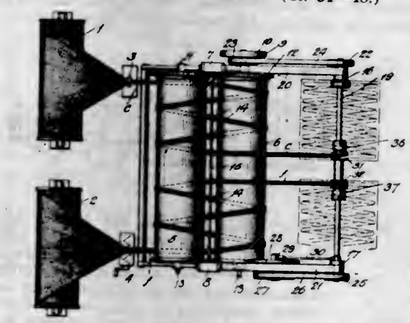
1. A process for regenerating water of aquaria, whereby the water of the aquarium is conveyed by means of compressed air above the water level and is then allowed to flow back in the aquarium, characterized by the fact that the vitiated air with the carbonic acid and other gases on the one hand and the regenerated water on the other hand are expelled along separate ways, said regenerated water being spouted in the shape of a long and powerful jet through the air, without interposition of any other device, direct in the water of the aquarium.

1,574,784. MECHANISM FOR THE MARGINING AND THE FEEDING OF SHEETS TO ROTARY MACHINES. HENRI BOBST, Lausanne, Switzerland, assignor to Etablissements Marinoni, Société Anonyme, Paris, France, a Corporation of France. Filed Feb. 29, 1924. Serial No. 696,015. 7 Claims. (Cl. 271—53.)



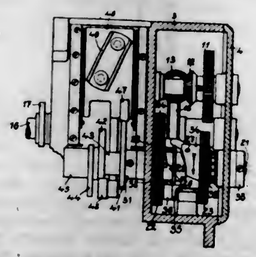
1. A mechanism for margining and feeding the sheets to rotary machines for working the paper, the cardboard and other sheet-material, comprising, in combination, margining members, a device for the introduction of margined sheets and presenting rotary feeding members between which the sheets are caused to pass in order to arrive at the margining members, at least one of said rotary members being adapted to become vertically adjusted with regard to the others, members for periodically operating the margining and the feeding members, these latter at least for the purpose of separating them one from the other in order to enable a sheet to arrive in front of the margining members and for stopping the rotation of the feeding members in such a manner that the sheet may be pinched during such a stoppage of rotation, a toothed sector to cause the rotation of one of the rotary members producing the advance of the sheet, a braking device provided for suspending the motion of this rotary member when the toothed sector which operates it is made to return, for the purpose of avoiding shocks in the working of the mechanism.

1,574,785. METHOD OF AND APPARATUS FOR TREATING YARN. JOHN BRANDWOOD and JOSEPH BRANDWOOD, Bury, England. Filed July 12, 1922. Serial No. 574,498. 11 Claims. (Cl. 34—48.)



11. An apparatus for the treatment of yarn comprising, in combination with a holder for a dye beam or the like, two power-driven, oppositely rotative drying cans adjacent said holder, a relatively narrow guide for the yarn in advance of said cans, a plurality of guides for the yarn disposed between the two cans at intervals along the length thereof, and means after said cans and driven in conjunction therewith for disposing of said dried yarn.

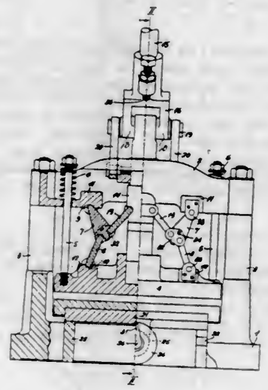
1,574,786. SPEED-CHANGING CAM-DRIVING MECHANISM. LORENZ KONRAD BRAREN, Munich, Germany, assignor to the Firm Friedrich Deckel, Fabrik für Präzisionsmechanik und Maschinenbau, Munich, Germany. Original application filed Nov. 28, 1922, Serial No. 603,871. Divided and this application filed June 4, 1924. Serial No. 717,713. 12 Claims. (Cl. 29—64.)



1. In combination a shaft rotating at a constant slow speed, a member rotating at a constant fast speed, a second rotating member in engagement during each revolution alternately with said slow speed shaft and said fast rotating member and controlling means for causing said second rotating member to complete each revolution in the same time as said slow speed shaft.

10. In turning and screw cutting machines a main cam shaft, a driving shaft, an auxiliary cam shaft being alternately driven by said cam shaft and said drive shaft and completing each revolution in the same period of time as the main cam shaft, cams for controlling the feeding movement of the material and the cut off operation being mounted on said auxiliary cam shaft and other cams mounted on and turning with said main cam shaft for controlling different operations necessary for completing a part.

1,574,787. HAND-OPERATED PRESS. WILLIAM HENRY BRECKNELL, Weston-Super-Mare, England. Filed June 25, 1925. Serial No. 39,630. 11 Claims. (Cl. 101—3.)



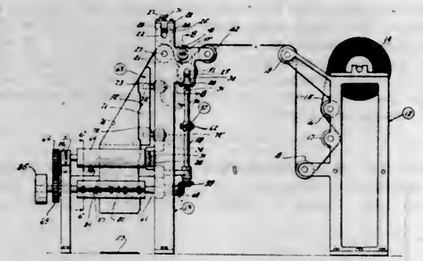
1. A hand operated toggle press comprising a frame, a presser member guided therein, a plunger guided in said frame and in said presser member, a hand lever, and toggle gear connecting said hand lever and said plunger, and toggle gear connecting said plunger and said presser member.

1,574,788. ICE-CREAM LADLE. WILLIAM H. BRUESKE, St. Louis, Mo. Filed Sept. 25, 1922. Serial No. 590,242. 3 Claims. (Cl. 107—48.)



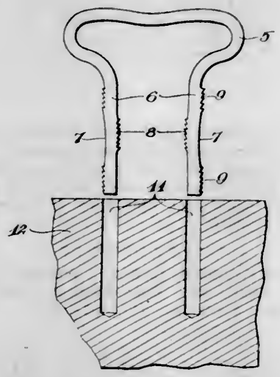
1. A device of the character described, comprising a handle, a scoop rotatably mounted at one end of said handle, a driven shaft geared to said scoop to rotate the same and extending longitudinally of said handle, a driving shaft extending in said handle in alinement with the driven shaft, said handle having a chamber therein at the adjacent ends of said shafts, and clutch means in said chamber for connecting and disconnecting said shafts and provided with operating means projecting laterally from the handle.

1,574,789. VERTICAL-FILE-FOLDER MACHINE. ROY H. BURGESS, Glen Ellyn, Ill., assignor of one-third to William R. Burgess, Glen Ellyn, Ill. Filed Dec. 2, 1924. Serial No. 753,425. 13 Claims. (Cl. 93—1.)



6. In a machine for producing vertical file folders, the combination with means for moving along an endless web of paper, of mechanism for producing die cut tops on said web comprising a die cutting roll contacting with said web and actuated thereby, a shaft, a knife mounted on the shaft and cooperating with said roll, said shaft being relatively adjustable with respect to said roll, and means for driving said shaft in synchronism to the travel of said web, substantially as described.

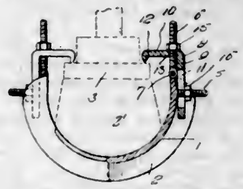
1,574,790. HANDLE. LEO F. CARROLL, Chicago, Ill. Filed Feb. 23, 1924. Serial No. 694,753. 1 Claim. (Cl. 16—125.)



A handle comprising an arch formed of resilient wire having the end portions thereof disposed in substantially parallel relation to form attaching shanks, the shank portions of said handle member being each provided with a single bowed portion intermediate the ends thereof and with straight portions on each of said bowed portions whereby to impart a spring tension to the shank when received in a socket larger than the diameter of said shanked portions, and socket engaging teeth formed at spaced points on said shanks.

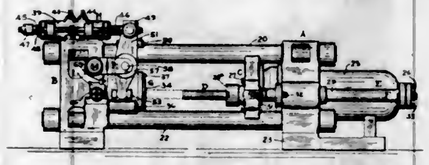
1,574,791. ANTISLIPPING ATTACHMENT FOR VEHICLE WHEELS. GEORGE W. CLARK, Larryville, Pa. Filed May 6, 1925. Serial No. 28,414. 1 Claim. (Cl. 152—14.)

A device of the class described including a body plate, studs extending laterally from the body plate, bolts pivoted to the ends of the body plate, and lugs each including a pair of rectangularly disposed portions, one



of which is provided with an aperture for receiving one of the bolts and the other with a slot for receiving one of the studs, and nuts on the bolts and studs.

1,574,792. METAL-EXTRUDING MACHINE. WALTER R. CLARK, Bridgeport, Conn., assignor to Bridgeport Brass Company, Bridgeport, Conn. Filed Feb. 25, 1921. Serial No. 447,666. 61 Claims. (Cl. 207—2.)



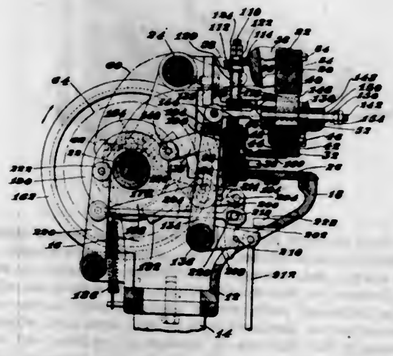
5. In a metal extruding machine, end frames, horizontal tie rods securing said frames together, a billet container supported and guided in the space between the rods for horizontal movement, and means for shifting the billet container into and out of abutment with one of said end frames, comprising a fluid pressure device mounted on top of said end frame and operatively connected by a lever to the billet container.

1,574,793. STABILIZER FOR SAFETY-RAZOR BLADES. HENRY B. COHEN, New York, N. Y., assignor to Razor Products Corporation, Long Island City, N. Y., a Corporation of New York. Filed Mar. 5, 1925. Serial No. 13,070. 6 Claims. (Cl. 30—12.)



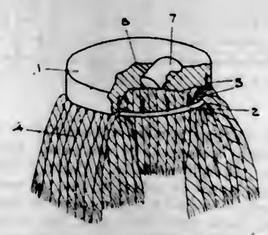
1. A blade stabilizing attachment for safety razors of the type employing a flexible blade clamped between a base and a cap; said attachment comprising spacing means constructed for interposition between the base of the razor and the blade to be mounted thereon, and to thereby elevate the blade upon the surface of the base; said spacing means having at its ends means for embracing the ends of the razor base to prevent displacement thereon.

1,574,794. MACHINE FOR SHAPING LIPPED SOLES. JOHN W. COSGROVE, Medford, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed June 28, 1920. Serial No. 392,389. 22 Claims. (Cl. 12—22.)



3. A machine for shaping soles, already provided with lips having, in combination, a support for the sole, a form for engaging the outer side of the lip and the adjacent portion of the feather of the sole, a second form for engaging the inner side of the lip, means for relatively actuating the support and the outer form in a direction perpendicular to said support to press the feather against the support and means for then relatively actuating the forms transversely of the support to shape the lip between the forms.

1,574,795. MOP. ALBERT HENRY CROLLY, Auckland, New Zealand. Filed Jan. 2, 1925. Serial No. 66. 1 Claim. (Cl. 152—29.)

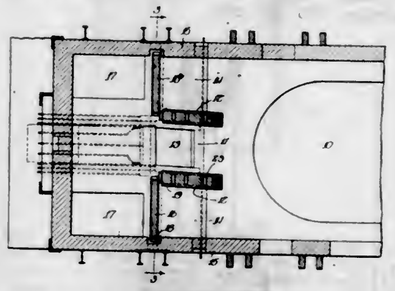


As an article of manufacture, a mop comprising a head, an inverted channeled annulus, mop strands looped over the annulus and retaining means passing through the annulus and into the head for clamping the strands between the annulus and head.

1,574,796. PROCESS FOR THE RAPID FIXING OF ETHYLENE BY MEANS OF SULPHURIC ACID FOR THE PURPOSE OF OBTAINING ETHYL SULPHURIC ESTERS. AUGUSTIN AMÉDÉE LOUIS JOSEPH DAMIENS, Arcueil-Cachan, MARIE CHARLES JOSEPH ELISÉE DE LOISY, Paris, France, and OLIVIER JOSEPH GISLAIN PIETTE, Brussels, Belgium. Filed Apr. 13, 1922. Serial No. 552,306. 4 Claims. (Cl. 260—98.)

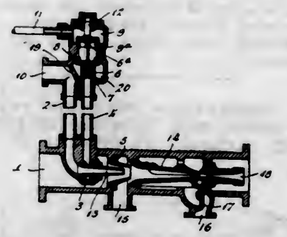
1. A process for the rapid fixing of ethylene by sulphuric acid for the purpose of the industrial production of sulphuric esters $C_2H_5SO_4$ (ethyl sulphuric acid) and $(C_2H_5)_2SO_4$ (neutral ethyl sulphate), which consists: in adding to sulphuric acid of about 66° Baumé, as catalyzer, a cuprous compound containing copper in the monovalent state, in causing a gaseous current containing ethylene to pass through this acid, maintaining during the reaction a temperature of from 0° to 50° C.—separating the catalyzer from the acid, diluting the latter, and collecting, on the one hand the neutral ethyl sulphate which floats to the surface of the sulphuric acid and, on the other hand, the ethyl sulphuric acid which remains in solution in this acid.

1,574,797. OPEN-HEARTH FURNACE. GEORGE L. DANFORTH, Jr., Chicago, Ill., assignor to Open Hearth Combustion Company, Chicago, Ill., a Corporation of Delaware. Filed July 5, 1924. Serial No. 724,362. 5 Claims. (Cl. 158—7.5.)



1. In an open hearth furnace, a centrally located gas uptake opening into the furnace end at a point in advance of the end wall, vertically extending longitudinal walls located adjacent the side of the gas uptake opening, dampers adapted to close the side ports formed between the longitudinal walls and the furnace side walls, and air uptakes opening into the furnace in the rear of the dampers.

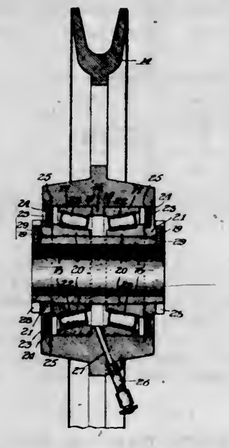
1,574,798. STEAM INJECTOR WITH AUTOMATIC SHIFTING VALVE. HANS DEUTSCH, Vienna, Austria. Filed Feb. 9, 1925, Serial No. 7,898. Renewed Nov. 19, 1925. 11 Claims. (Cl. 162—1.)



1. An apparatus of the class described, comprising a valve chamber and means for connecting said chamber with a part containing steam substantially under boiler pressure only when the engine is in operation, a valve located in said chamber and adapted to be urged toward its seat by such pressure, an inlet for high pressure steam, a nozzle in permanent communication with said inlet, an inlet for exhaust steam, a second nozzle in permanent communication with said exhaust inlet, a conduit for conveying high pressure steam coming from the high pressure steam inlet to said second nozzle, a second chamber the communication of which with the first named chamber is controlled by said valve, and a shifting valve having seating surfaces of different sizes, the larger seating surface controlling the communication of said second chamber with the high pressure steam inlet, while the smaller seating surface of said shifting

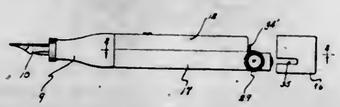
valve controls the communication of said high pressure steam inlet with the conduit leading to said second nozzle, whereby the shifting valve will be seated on its larger seating surface whenever the high pressure prevailing at the high pressure steam inlet exceeds by a predetermined amount, the pressure existing in the first mentioned valve chamber, thereby admitting high pressure steam to said second nozzle, whereas in the absence of such pressure difference the shifting valve will shut off high pressure steam from said second nozzle.

1,574,799. ROLLER-BEARING STRUCTURE. LOUIS E. DIERKS, Oak Park, Ill., assignor, by mesne assignments, to Sauerman Bros., Inc., Chicago, Ill., a Corporation of Illinois. Filed Jan. 17, 1924. Serial No. 686,792. 4 Claims. (Cl. 308—208.)



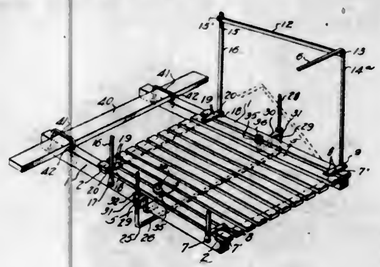
1. A pulley block comprising, in combination, a sleeve having threaded extremities, a pair of raceways mounted upon said sleeve, screw-threaded nuts coacting with the threaded extremities of the sleeve and having integral concentric flanges extending along the sleeve, and means extending through said flanges to lock the nuts and sleeve together.

1,574,800. COMBINATION FOUNTAIN PEN. CLYDE DUNCAN, Detroit, Mich. Filed May 23, 1925. Serial No. 32,427. 3 Claims. (Cl. 120—43.)



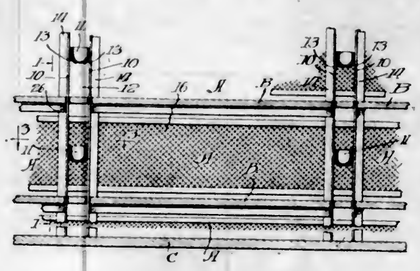
1. A combination fountain pen of the class described, comprising a neck having a passage formed therein; an ink reservoir mounted on said neck and communicating with said passage; a housing mounted on said neck; a roller mounted in said housing; an endless belt mounted on said roller and carrying on its outer surface printing symbols; gears mounted in said housing and adapted for effecting the movement of said belt, said gears being positioned adjacent an opening formed in said housing for projecting said printing symbols exteriorly of said housing individually; and an inking pad adapted for engaging said belt upon movement of said belt, an opening communicating said reservoir with said housing, said pad being inked from said reservoir through said opening.

1,574,801. WINDOW JACK. JOHN J. EDDINGTON, Utica, N. Y. Filed Aug. 3, 1925. Serial No. 47,740. 2 Claims. (Cl. 304—24.)



1. In a window jack, a platform having beams, clamps mounted on said beams, a bar disposed transversely to said beams and through said clamps, whereby to hold the platform to the window frame, a U-shaped standard having threaded ends, means engaging said beams and mounted on the threaded ends of said standard, whereby to support the platform in horizontal position, and said means being adjustable vertically on said threaded ends, and longitudinally relative to said beams.

1,574,802. POULTRY CAR. ISRAEL V. EDGERTON, Chicago, Ill. Filed Oct. 18, 1924. Serial No. 744,520. 3 Claims. (Cl. 119—12.)



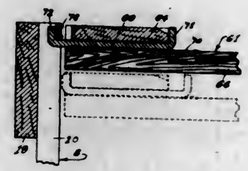
1. A poultry car comprising a plurality of tiers of superimposed coops arranged in alignment and having open end walls, the end walls of adjoining tiers being fixed at distances apart to afford spaces to receive feed troughs and each comprising a plurality of spaced vertically disposed bars extending past the intermediate coops of the tier, and a plurality of feed troughs mounted in said spaces between the end walls of the coops.

1,574,803. FRICTION GEAR. RICHARD ERBAN, Vienna, Austria. Filed June 21, 1924. Serial No. 721,541. 6 Claims. (Cl. 74—34.)



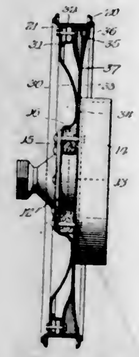
1. A friction gear including running surfaces, a plurality of rolling bodies for effecting the transmission of power between the running surfaces, a cage associated with the rolling bodies, and bearing cushions freely adjustable in the cage and engaging said rolling bodies, the transmission of the peripheral force from the rolling bodies to the cage taking place through said cushions.

1,574,804. COLLAPSIBLE CARRIER. CORNELL FLAGSTAD, Minneapolis, Minn., assignor of ninety-five one-hundredths to The Folding Crate and Box Company, Minneapolis, Minn., a Corporation. Filed Jan. 5, 1925. Serial No. 589. 11 Claims. (Cl. 217—47.)



1. A crate having side and end sections, a cover for closing the crate and adapted to rest with its ends on opposite of said sections, said cover consisting of longitudinal and transverse slats all of which are rigidly connected and being arranged between the upper ends of the other of said sections, and locking devices slidably arranged on the cover for engagement with said other sections for locking the cover in place, said locking devices being movable only when the cover is depressed at a point intermediate its ends.

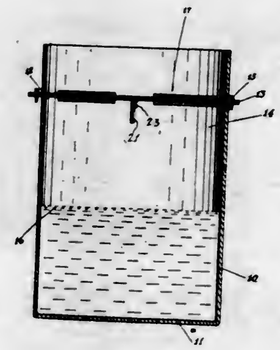
1,574,805. DISK WHEEL. GEORGE H. FORSYTH, Chicago, Ill., assignor to Motor Wheel Corporation, Lansing, Mich., a Corporation of Michigan. Filed May 4, 1922. Serial No. 558,495. 2 Claims. (Cl. 301—63.)



1. In a wheel of the class described, a main supporting front disk and a secondary reinforcing rear disk, the two disks aligned together in the region immediately outside of the hub zone, and the secondary or reinforcing disk having stiffening relatively short corrugations disposed annularly at intervals between the hub and rim.

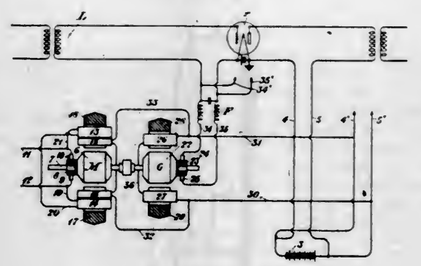
1,574,806. ANIMAL TRAP. ALBERT FRIESENHAHN, Bracken, Tex. Filed Feb. 25, 1925. Serial No. 11,396. 1 Claim. (Cl. 43—70.)

A trap comprising a cylinder having a bottom thereon and adapted to be partly filled with liquid, an annular disk in said cylinder, a rod supporting said disk, a stem slidable beneath said disk, a lug on said cylinder, said stem being adapted to engage the lug to lock the disk in horizontal position, said lug having a recess therein adapted to receive the end of said stem, a bell crank pivotally connected to said stem, said bell crank when lifted being adapted to release the stem from the recess to permit rotation of the disk, said bell crank comprising an obtuse angled lever having a bifurcated end, a bracket mounted on the underside of said disk and adapted to



pivotally support said lever, and bait adapted to be pinched in the bifurcated end of said bell crank, said disk having an opening above the bifurcated end of the bell crank to permit visibility of the bait.

1,574,807. MEANS FOR REGULATING VOLTAGES. DANFORTH K. GANNETT, Elmhurst, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Sept. 21, 1923. Serial No. 664,065. 5 Claims. (Cl. 179—111.)

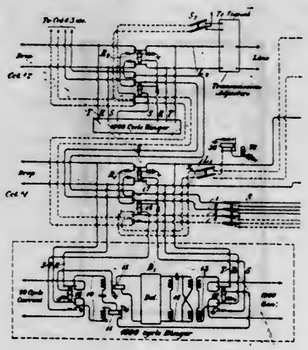


1. A vacuum tube having grid and plate circuits, a source for supplying potential to said plate circuit, a motor generator set for supplying potential to said grid circuit, means for connecting said motor generator set with said source, and means in said motor generator set responsive to the variations in potential of said source for controlling the output potential of said motor generator set.

1,574,808. REGULATION OF TRANSMISSION. DANFORTH K. GANNETT, Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Nov. 24, 1923. Serial No. 676,836. 23 Claims. (Cl. 178—44.)

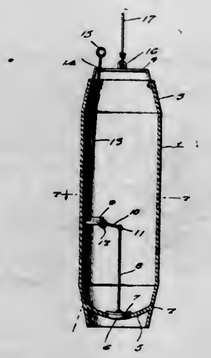
1. In a signaling system, a plurality of transmission lines, a transmission responsive device common to said lines and responsive to changes in the transmission

equivalent of a line when connected thereto, means to connect said device with any one of said lines and means associated with said transmission responsive device for



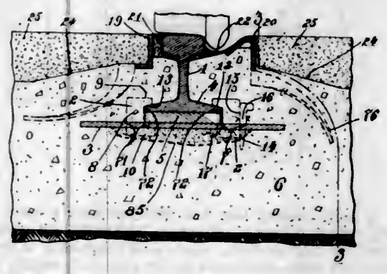
producing an indication in response to an abnormal transmission condition of a line to which the transmission responsive device is connected.

1,574,809. WELL BUCKET. JOHN R. GILBREATH, Stillwell, Okla. Filed Apr. 8, 1925. Serial No. 21,620. 1 Claim. (Cl. 294—69.)



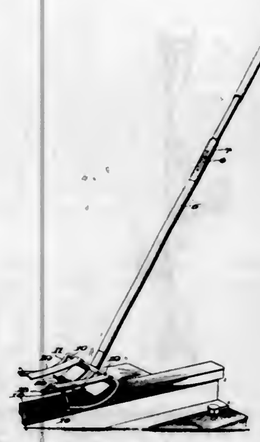
In a well bucket, a body having a bottom and a central discharge opening therein, a flanged valve movable downwardly into and adapted to control said opening and rest on said bottom and having an upstanding central stem, a curvilinear bracket spaced from the wall of the bucket body and having its ends affixed to said wall and also having an aperture at its middle, a guide carried at the top of the bucket body, a rod movable vertically in said guide, and a lever having arms connected to the valve stem and said rod, respectively, and also having an intermediate coil extending through the aperture in said bracket, whereby the lever and the bracket are connected of themselves and the lever is enabled to swing vertically on a portion of the bracket as a fulcrum.

1,574,810. PAVED RAILWAY STRUCTURE AND METHOD. WILLIAM S. GODWIN, Baltimore, Md. Filed Jan. 15, 1924. Serial No. 686,275. 36 Claims. (Cl. 238—9.)



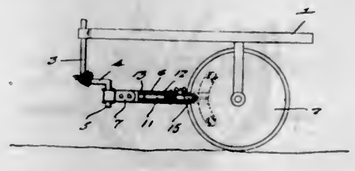
1. A railway structure comprising rails, continuous longitudinal supporting plates beneath each rail, means securing the rails to the plates, and a concrete bed in which the supporting plate and rails are embedded.

1,574,811. TORPEDO APPLICATOR. GEORGE P. GONYER, Boston, Mass. Filed Nov. 19, 1925. Serial No. 70,141. 4 Claims. (Cl. 246—216.)



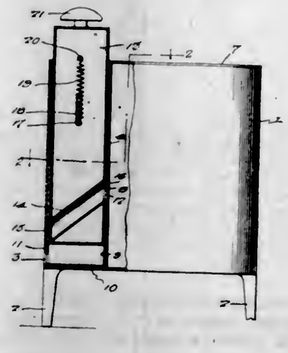
3. A torpedo adjuster comprising a handle, a transversely extending head connected to the handle and having forwardly directed longitudinally curved inner and outer arms, the upper sides of which are provided near the terminals thereof with sockets for the reception of the terminals of a plurality of railway torpedoes, a plurality of leaf springs secured to the upper side of said head and adapted to flatly engage the upper sides of a plurality of torpedoes to hold the springs thereof in said sockets, and a plurality of longitudinally curved leaf springs secured to the under side of said head and underlying said first-named springs to avoid the premature release of the torpedoes and to promptly urge said head to elevated position upon the release of a torpedo, said second-named springs terminating short of the first-named springs.

1,574,812. DISK SHARPENER. JOHN M. GREEN and ABE THOMAS, San Benito, Tex. Filed Feb. 2, 1925. Serial No. 6,315. 4 Claims. (Cl. 97—221.)



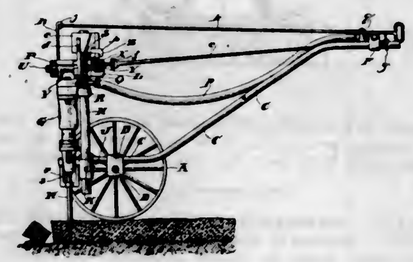
1. A disk sharpener comprising an arm pivotally supported at one end to the beam of an agricultural implement, guide rollers supported on the opposite end of the arm and engaging the face of a disk supported by said beam, a block secured on the arm and extending laterally therefrom, a sharpener, a substantially U-shaped member, the free ends of the arms thereof being pivotally secured on said block, means for securing a sharpener in the closed end of the member, and means associated with said arm and said member for holding the sharpener in engagement with the cutting edge of the disk.

1,574,813. SUGAR-DISPENSING DEVICE. CARL HAFNER, Rock Springs, Wyo. Filed Apr. 28, 1924. Serial No. 709,526. 1 Claim. (Cl. 221—104.)



A sugar dispenser comprising a casing provided at its side and in the vicinity of its bottom with an opening, a partition wall located within the casing and dividing the interior thereof into compartments, said partition wall being provided at a point spaced above the bottom of the casing with an opening, the said openings being located opposite each other but at different altitudes with relation to the bottom of the casing, a tubular member housed within one of the compartments in the casing and of a size to fit snugly between the partition and the wall of the casing, said tube having diametrically opposite openings which register with the openings in the partition wall and in the casing, a pin carried by the tubular member, a cylindrical plunger slidably received in the tubular member and provided with a slot which receives said pin, a spring connected at one end with the pin and at its other end with the plunger and housed within the plunger, the plunger being provided at its opposite side with openings adapted to register alternately with the openings in the tubular member, the partition wall and the casing and a tube located within the plunger and disposed in an inclined position and communicating at its opposite ends with the openings in the plunger.

1,574,814. MOUNTING FOR CONCRETE BREAKERS. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed July 10, 1925. Serial No. 42,643. 10 Claims. (Cl. 262—13.)



1. A concrete breaker comprising a pair of wheels, an axle for the wheels, handle bars supported by the axle, posts secured to the handle bars, a yoke mounted on said posts, a fluid actuated percussive tool secured pivotally to said yoke, and a working implement to receive the hammer blows of the tool.

1,574,815. HANDLE-SECURING DEVICE. HARRY HARVEY, San Benito, Tex. Filed Oct. 25, 1923. Serial No. 670,675. 2 Claims. (Cl. 306—35.)

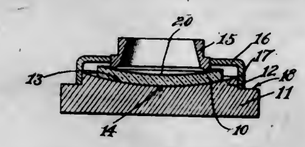


1. In a device of the class described, the combination with a tool head having a tapering socket, the one end of said socket being flush with the one face of the tool and a handle member having an enlarged tapering end adapted to fit within the tapering socket to permit the extreme end to extend a short distance beyond the last mentioned end of said socket; of means for removably securing the handle to the tool head comprising an elongated plate applied to the flat end of the extended portion of the tapered end of said handle in spaced relation to the tool head, the ends of said plate projecting beyond the periphery of said end of the handle and provided with apertures, a ring member applied to the handle and abutting the opposite end of the socket on the tool head, said ring member being provided with diametrically opposed ears having apertures therein adapted for registration with the apertures in said plate, tie bolts extending through the registering openings of said plate and ring having the heads thereof in abutment with the outer face of said plate and the threaded ends extended beyond the apertures in said ring, and nuts engaged with the threaded ends of said bolts and adapted to contact with the one face of said ears on the ring to secure the elements together, as and for the purposes described.

1,574,816. LENS-BLOCK-CENTERING JIG. HARRY W. HILL, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed May 12, 1924. Serial No. 712,738. 4 Claims. (Cl. 51—277.)

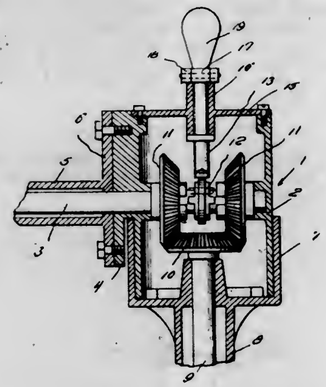
1. A device for centering a lens block on a lens to be blocked, comprising a base support having a lens seat

and a portion adapted to hold a lens block positioning member; a lens block positioning member held by the



support and projecting therebeyond, and having an opening beyond the lens seat of the same contour as the lens block which it is adapted to position over the lens seat.

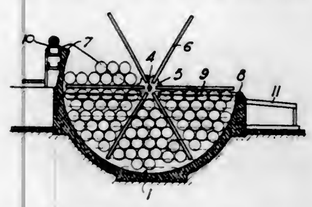
1,574,817. WRINGER MOUNTING AND CONTROL DEVICE. EDWARD R. HODGMAN, Dwight, Ill. Filed Mar. 19, 1925. Serial No. 16,718. 2 Claims. (Cl. 74—101.)



1. In a structure of the class described, a relatively stationary support having a cup at its top, a vertical shaft provided with a pinion located in said cup, a cylinder rotatably mounted in said cup, said cup being provided with circumferentially spaced segments spaced apart to provide a plurality of keeper seats, a driven shaft journaled in a bearing in said cylinder, gears on said shaft cooperable with said pinion, and a clutch for connecting said gears with the driven shaft, an oscillatory member for operating said clutch, said member being carried by said cylinder, a horizontal handle for said operating member, a spring pressed latch bolt carried by said cylinder, and having its lower end normally positioned in one of said seats, means for lifting said bolt to disengage it from said seat, said means comprising a pivotally mounted lever, and a reciprocatory member, said reciprocatory member being adapted to be depressed by said handle when it is in a position to dispose said clutch in neutral condition.

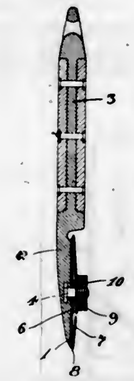
1,574,818. BASIN FOR SOFTENING OR COOKING IN WATER OR OTHER LIQUID STOCKS PREPARATORY TO THE MANUFACTURE OF VENEER, MECHANICAL PULP, OR THE LIKE THEREOF. AXEL EMANUEL HOLMBERG, Ljusne, Sweden, assignor to Ljusne-Woxna Aktiebolag, Ljusne, Sweden, a Corporation of Sweden. Filed June 1, 1925. Serial No. 34,093. 1 Claim. (Cl. 92—7.)

The combination of a basin of the kind set forth having an approximately semicylindrical bottom surface and a freely rotatable wing or shovel wheel journalled in said basin the shaft of said wheel substantially coinciding with the axis of the curved bottom surface of the basin, and the radial length of the wings or shovels of said wheel being such as to prevent the stocks from passing



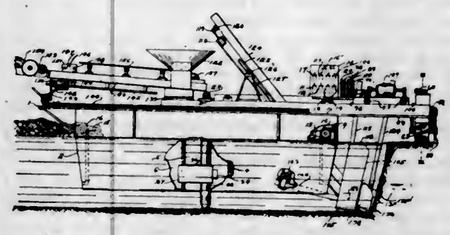
between the bottom surface of the basin and the free ends of the wings of said wheel, substantially as and for the purpose set forth.

1,574,819. SKINNING TOOL. HUBERT JEZLER, Zurich, Switzerland, assignor to Carl Klaiber and Emil Hahnloser, both of Zurich, Switzerland. Filed Apr. 7, 1925. Serial No. 21,272. 9 Claims. (Cl. 17—21.)



1. A skinning tool including a support, a circular knife non-rotatably secured to said support, and a rotatable protecting member coaxial with said knife.

1,574,820. EXCAVATOR. WILLIAM W. JONES, Toledo, Ohio. Filed Feb. 9, 1922. Serial No. 535,356. 25 Claims. (Cl. 37—88.)



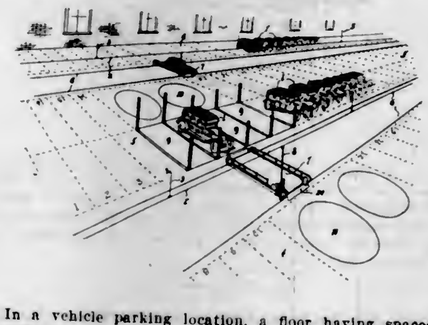
1. A support, an endless conveyor provided with flights, a frame for the conveyor carried by the support and projecting therebelow into position for working, and shield providing means for holding the frame downward away from the support and into the position for working.

1,574,821. APPARATUS FOR THE MANUFACTURE OF BUTTER. STEPHAN KARPINSKY, Sevres, and JAMES STEWART ANDERSON, St.-Ouen, France. Filed Apr. 2, 1924. Serial No. 703,818. 4 Claims. (Cl. 99—2.)



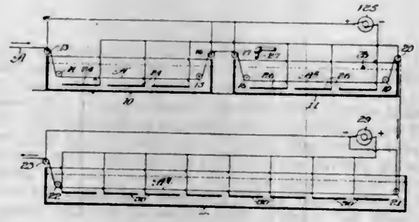
4. The combination of a tube, a rod in the said tube, leaving between them a very narrow annular space, and means for forcing through this space cream charged with air for the purpose of transforming the same into butter.

1,574,822. TROLLEY PARKING GARAGE FOR MOTOR VEHICLES. FREDERICK J. KOCH, Dallas, Tex. Filed June 15, 1925. Serial No. 37,406. 1 Claim. (Cl. 214—16.)



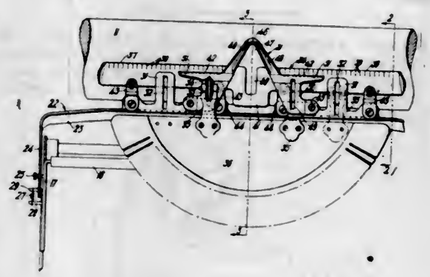
In a vehicle parking location, a floor having spaced parallel track ways, a transfer truck for each of said ways, parking spaces arranged longitudinally of areas between the track ways, elevators arranged at certain points in said areas to transfer vehicles from and to the floor, turntables disposed at opposite sides of the elevators to receive the cars, one of said track ways being positioned between the elevators and the turn tables at one side of the elevators.

1,574,823. METHOD OF AND APPARATUS FOR TREATING METAL. WILLIAM C. KRONQUEST, Chicago, Ill., assignor to Acme Steel Company, Chicago, Ill., a Corporation of Illinois. Filed May 27, 1925. Serial No. 33,149. 11 Claims. (Cl. 204—11.)



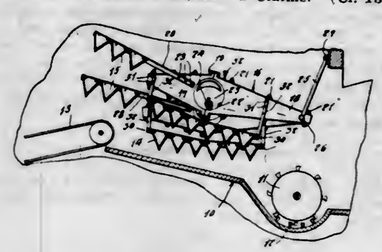
1. The method of pickling metal consisting of immersing the metal in a solution of acid and water, and passing an electric current through said metal while so immersed, the metal forming the anode plate of an electrolytic cell thereby decreasing the amount of hydrogen adsorbed thereby the cathode being a material which does not combine chemically with said acid under ordinary conditions.

1,574,824. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 4, 1924. Serial No. 696,748. 10 Claims. (Cl. 197—135.)



1. In a typewriting machine, the combination with a platen and a wing-scale, of a card-holding device associated with the wing-scale adjacent the printing field and including means for engaging a card to hold the same against the platen above the wing-scale, and means engaging the wing-scale for pressing the same toward the platen, said last-named means being interchangeable from engagement with the wing-scale to engagement against the card-holding device whereby to press directly against said card-holding device, to move the same and the wing-scale toward the platen.

1,574,825. SELF-FEEDER FOR THRASHING MACHINES. MARTIN LEACH, Bozeman, Mont. Filed Apr. 16, 1925. Serial No. 23,661. 2 Claims. (Cl. 130—1.)



1. A thrashing machine having a feeder knife, an arm comprising sections carrying said knife, said sections being relatively wide at and abutting each other at adjacent ends, on a line transverse to the longitudinal axis of the arm, said ends being cut away to form an annular opening, and a drive eccentric for the arm occupying said opening.

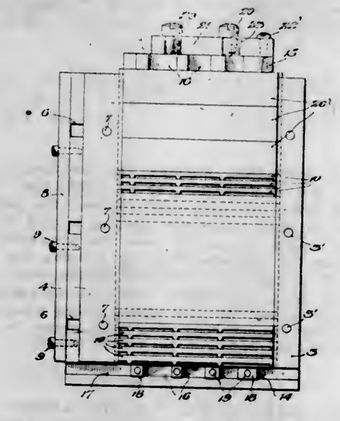
1,574,826. FINGER RING. LOUIS LEHR, Brighton Heights, N. Y., assignor to Simon Bruner, Far Rockaway, N. Y. Filed May 15, 1925. Serial No. 30,437. 5 Claims. (Cl. 63—29.)



2. A finger ring having a mount, a stone having an aperture, said stone being secured in said mount, an initial member comprising an initial and a stem integral

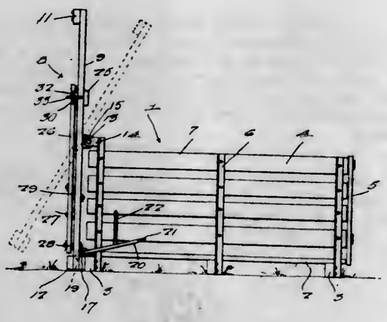
with said initial, said stem being provided with notches and disposed in said aperture, a resilient crosspiece integral with said mount, a member embracing said crosspiece and slidable thereon to engage with said notches to hold said initial in a given relation to said stone.

1,574,827. LOCKUP GALLEY OR CHASE. ISAAC W. LITCHFIELD, Newtonville, Mass., assignor to Litchfield Linoplate Co., Boston, Mass., a Corporation of Massachusetts. Filed July 24, 1920. Serial No. 398,646. 23 Claims. (Cl. 90—59.)



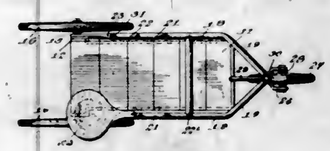
1. Means for securely holding a plate, or a plurality of type bars in plate formation, comprising a lock-up galley or chase having sides of reduced height and provided with means for interlocking with shoulders adjacent the type faces on the ends of said type bars or the sides of said plate and together with the ends of said galley or chase positively preventing displacement of said plate or bars in all directions.

1,574,828. HOG TRAP. JOSEPH CLAUD LUCAS, Blandinsville, Ill. Filed Aug. 10, 1925. Serial No. 49,348. 3 Claims. (Cl. 119—99.)



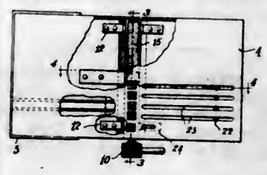
3. A hog trap comprising a pen open at its forward end, an upwardly swinging head stock pivotally supported at the top of the forward end of the pen, means for holding the head stock in a closed position, said head stock comprising a frame, a pair of coacting clamping jaws pivotally supported at their upper ends on the frame, a lever pivotally supported adjacent its lower end on the frame, a crank connecting the lower end of the lever with the lower end of one of said clamping jaws, and additional cranks connecting the intermediate portion of the other clamping jaw with the intermediate portion of said lever whereby said clamping jaws are adapted for simultaneous operation when the lever is actuated, and means for actuating said lever, said means comprising an operating member pivotally connected at one end to the upper end of the lever, said operating member extending transversely across the front of the frame, and a handle provided on the free end of the actuating member.

1,574,829. CHILD'S VEHICLE. MARMADUKE C. LYSTAD, Chicago, Ill. Filed Apr. 30, 1925. Serial No. 26,999. 4 Claims. (Cl. 208—165.)



1. A vehicle of the character described including a body, a lower frame supporting said body, wheels supporting said frame, an upper frame disposed in superposed relation to said lower frame and including a pair of parallel side members, and a seat attachable to either of said members.

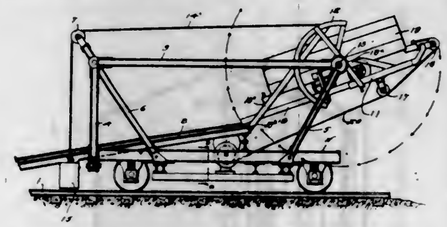
1,574,830. POCKET CHECK PROTECTOR. CHARLES C. MCCOMAS, Sherman, Tex., assignor of one-third to W. R. Duffey, Fort Worth, Tex., and one-third to John D. Killough, Stephenville, Tex. Filed Apr. 20, 1925. Serial No. 24,432. 3 Claims. (Cl. 101—20.)



1. A check protector of the character described comprising a casing having a slot therein dividing the casing into an upper and lower section, an inking pad arranged within and extending transversely of said lower section, a plurality of printing and perforating trays arranged within said upper section, one of said trays extending parallel with said inking pad, the other of said trays being slidably mounted transversely to and adapted to extend over said inking pad, and means for moving said pad towards that portion of the tray extending thereover.

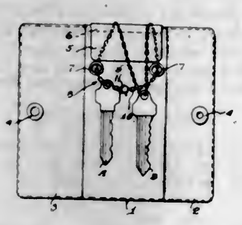
1,574,831. PORTABLE UNLOADING MACHINE. WILLIAM E. S. MCCORMICK, Rush Run, W. Va. Filed Apr. 4, 1924. Serial No. 704,187. 3 Claims. (Cl. 214—104.)

1. In combination with a dumping tipple for unloading cars and the like, and having an inclined runway leading thereto, an angular cross beam secured to the end of the tipple and adapted to rest on the end of said runway, a grooved segment secured to said tipple.



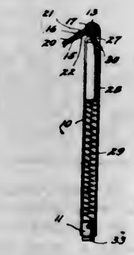
a counterweight, a flexible member connecting said segment and counterweight, and a beam secured to said segment and engaging the angular cross beam aforesaid.

1,574,832. KEY RETAINER. REX DE ORE MCDILL, Cienfuegos, Cuba. Filed Mar. 27, 1925. Serial No. 18,863. 1 Claim. (Cl. 150—40.)



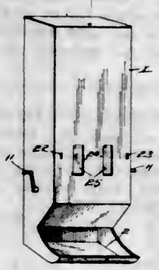
In a key retainer, the combination of a flexible folder comprising a back and foldable flaps, a snap fastener on the flaps, apertures in the back spaced apart from each other, a chain passing through the apertures and having one loop thereof inside the back and another loop on the outside of the back, a chain of sufficient length to permit of the outside loop being swung over the edge of the folder and inside thereof, and a metal guard strip having a portion thereof over the edge of the back on which the outside loop of the chain will rest when swung inside the folder.

1,574,833. SAFETY RAZOR. ROBERT W. MCGARVEY, Philadelphia, Pa. Filed May 20, 1922. Serial No. 562,487. 12 Claims. (Cl. 30—12.)



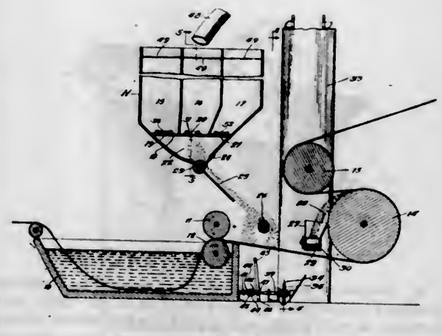
12. A safety razor, comprising in combination, a handle, a fixed guard, a blade holder mounted to swing in relation to said guard, a blade in said holder, and means associated with said handle to positively adjust the angular relation of said guard and blade toward and from each other.

1,574,834. INDIVIDUAL TOWEL AND SOAP VENDING MACHINE. DAVID R. MACGREGOR, Rochester, Minn. Filed July 23, 1924. Serial No. 727,740. 1 Claim. (Cl. 211—8.)



In a vending machine of the class described, a casing which is substantially rectangular in cross section and has its bottom fashioned to receive the article to be dispensed, an article containing compartment disposed centrally in said casing, said compartment being of a cross sectional area to snugly confine said article, being open at its bottom, having inturned supporting ledges at its bottom and having its front wall spaced from the corresponding wall of the casing a distance less than the cross sectional area of said compartment so that the lowermost article will be forced against the front wall of the casing and temporarily suspended during the period of ejection, and an ejecting member mounted for oscillation in the casing in a position to swing through the open bottom of the chamber, said member being of right angular form and being limited in its swinging movement by said temporarily suspended article.

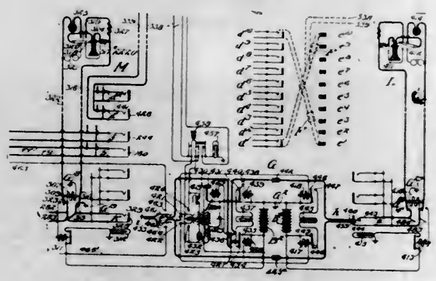
1,574,835. MEANS FOR COATING ROOFING AND OTHER SIMILAR MATERIALS FOR COVERING BUILDING SURFACES. ROBERT MACLEAN, Chicago, Ill., assignor to Amalgamated Roofing Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 23, 1924. Serial No. 733,773. 10 Claims. (Cl. 91—43.)



1. A machine for coating roofing with surfacing materials comprising means for drawing a paper strip through said machine, a hopper comprising a plurality of different compartments for holding surfacing materials of different colors, and an equalizing chamber located beneath and communicating with said compartments, said equalizing chamber being provided with a

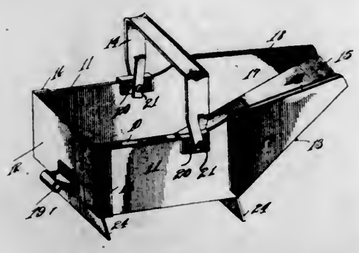
controllable outlet for discharging the surfacing materials upon said strip, means for controlling the passage of surfacing materials from said compartments to said equalizing chamber, a conveyor having an adjustable discharge for supplying surfacing material to any one of said compartments, a second conveyor for receiving the excess surfacing materials fed to said strip, said second conveyor discharging into said first named conveyor, and means for reversing the direction of movement of said second conveyor.

1,574,836. TELEPHONE-EXCHANGE SYSTEM. TALBOT G. MARTIN, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., a Corporation of Delaware. Filed Oct. 20, 1906. Serial No. 339,833. Renewed Aug. 26, 1916. Serial No. 117,067. 100 Claims. (Cl. 179—27.)



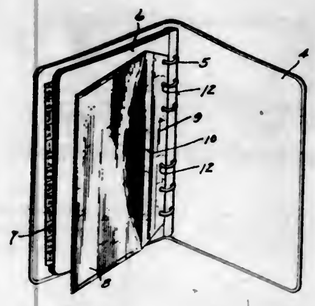
1. In a telephone exchange system, the combination of a subscriber's line, trunk lines, an automatic trunk-selecting switch, means by which said switch is controlled over the line, a spring jack alloted to said line, an operator's connecting cord provided with a plug adapted for insertion in said jack, a subscriber's telephone, and a centralized source of talking current connected for supplying current over the subscriber's line to charge said telephone.

1,574,837. RECEPTACLE. JOHN B. MASERANG, Belleville, Ill. Filed Aug. 17, 1925. Serial No. 50,744. 1 Claim. (Cl. 220—94.)



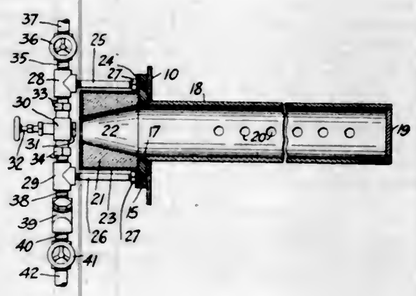
A receptacle including vertical side walls, channel members secured in straddling relation to the upper edge portions of said walls, and a yoke shaped handle having its ends bifurcated and said bifurcations being disposed in straddling relation to said channel members and twisted whereby to aline their terminals with respect to a line transversely of the receptacle, and pivot members disposed through the walls, the channel members, and the furcations, whereby said bifurcations will have wedging action with the channel members to prevent the handle falling to any great distance in either direction.

1,574,838. LOOSE POCKET FOR LOOSE-LEAF BOOKS. LEWIS S. MOORE, Minneapolis, Minn. Filed Oct. 5, 1923. Serial No. 666,693. 3 Claims. (Cl. 129—20.)



1. A loose pocket for a loose leaf book having an attaching flap with a normally straight flat spring metallic reinforcing strip imbedded therein near the opening in said pocket, said flap and strip having eyes formed therein, and a hinge joint between the attaching flap and pocket.

1,574,839. OIL-BURNING UNIT. ALBERT W. MORSE, Long Island City, N. Y. Filed Mar. 3, 1923. Serial No. 622,707. 8 Claims. (Cl. 158—1.)

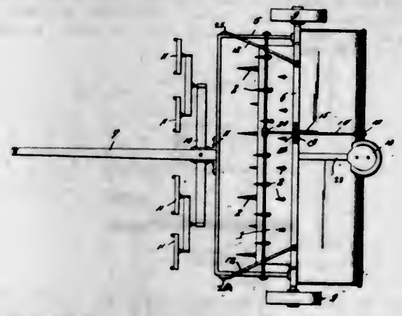


1. In an oil burning unit for low temperature ovens, an oil burner, a combustion chamber, and a heat diffusing tube, in continuation of the said chamber, projecting into the oven, said tube being provided with perforations of relatively large size and being closed at one end.

1,574,840. ALFALFA CULTIVATOR. LOID E. MURPHREE, Chandler, Ariz. Filed June 13, 1923. Serial No. 645,071. 1 Claim. (Cl. 55—24.)

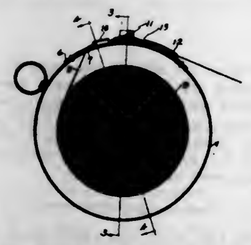
A cultivator comprising a wheel mounted axle, the axle having an arched intermediate portion, forwardly and downwardly disposed braces mounted upon the arched portion of the axle, a frame including a draft tongue pivotally connected with the forward lower ends of the braces, said frame having a rear end portion which is disposed under the arch of the axle, a drum journaled for rotation at the rear end portion of the frame and

provided with radially disposed spikes, a lever fulcrumed upon the arched portion of the axle and a link rod pivot-



ally connected at one end with the working end of the lever and pivotally connected at its other end with the frame at a point in advance of the axis of the drum.

1,574,841. WAITER'S PUNCH. ROY A. MYERS, St. Paul, Minn. Filed Nov. 12, 1923. Serial No. 674,324. 3 Claims. (Cl. 164—86.)



1. In a check punch the combination of a container adapted to carry therein a ribbon of checks in a roll, means for leading said ribbon from said container, and straightening means for taking the roll out of the ribbon as it is led from said container and means carried by said container for notching said checks.

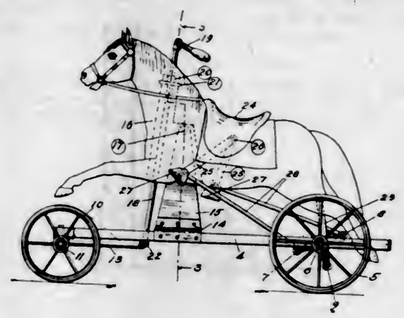
1,574,842. PLASTIC COMPOSITION MATERIAL AND METHOD OF PRODUCING THE SAME. CLARENCE A. NASH, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed July 13, 1922. Serial No. 574,790. 14 Claims. (Cl. 18—55.)

8. The process of producing hardened shapes, which comprises incorporating in a resinous product of incomplete condensation of a phenolic body and methylene substance, a quantity of stearine pitch and a lesser quantity of sulphur to produce a binder, impregnating a relatively inert filler material with such binder, forming the material under pressure and also heat curing the material to promote hardening of the stearine pitch with the sulphur and to complete the condensation reaction.

9. A binder for plastic composition material, comprising a resinous product of incomplete condensation reaction between substantially equal numbers of phenolic and methylene groups, having incorporated therein substantially one-tenth part by weight of stearine pitch.

1,574,843. VELOCIPEDE. JOSEPH A. NOWAK and WILLIAM C. JOHNSON, Minneapolis, Minn. Filed Jan. 24, 1925, Serial No. 4,385. Renewed Jan. 6, 1926. 3 Claims. (Cl. 208—42.)

1. A velocipede consisting of a frame having front steering wheels and rear drive wheels, an animal figure tiltably mounted upon the frame and having a saddle for a rider, stirrup members pivotally secured to the figure and arranged to be operated by a rider in said saddle,

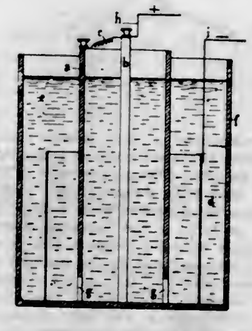


operative connection between said stirrup members and the drive wheels, and means for controlling the steering wheels, said means including handle members carried by the figure so as to tilt with it.

1,574,844. PROCESS FOR PROTECTING GAS-ABSORBING SUBSTANCES FROM PENETRATION BY LIQUID. RENÉ OPPENHEIM, Levallois-Perret, France, assignor to Societe Anonyme le Carbone, Levallois-Perret, Seine, France. Filed Apr. 26, 1923. Serial No. 634,857. 4 Claims. (Cl. 136—80.)

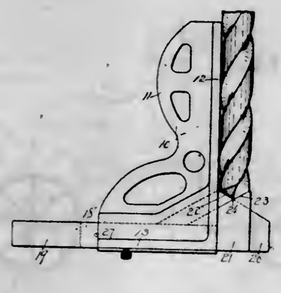
1. A process for protecting gas absorbing substances against liquid penetration and particularly the porous substances of batteries and electrolyzers consisting in covering the porous bodies with a pectized colloid in the form of a sheet, such for example as cellophane, such pectized colloid sheet having the two-fold property of being impenetrable to liquids and permitting the passage of gases.

1,574,845. ELECTRIC BATTERY. RENÉ OPPENHEIM, Levallois-Perret, France, assignor to Societe Anonyme Le Carbone, Levallois-Perret, Seine, France. Filed Sept. 6, 1924. Serial No. 736,363. 7 Claims. (Cl. 136—136.)



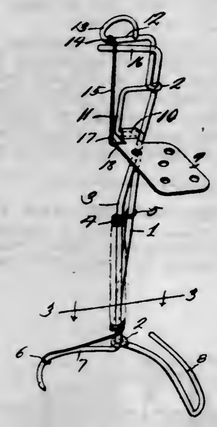
1. A positive electrode for electric batteries formed of a porous conductor substance, of tubular shape, the outer and inner surfaces being intended to be in contact with the electrolyte, said porous substance being rendered impermeable to liquid while remaining permeable to gases, so as to perform the function of a dialyzer.

1,574,846. TOOLMAKER'S GAUGE. NEHEMIAH W. ORDWAY, Hartford, Conn. Filed Nov. 28, 1924. Serial No. 752,616. 6 Claims. (Cl. 33—201.)



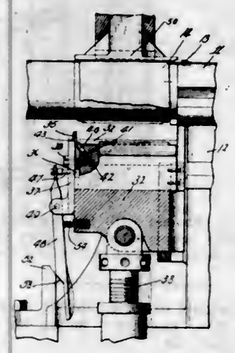
1. A stock having a straight edge with a slot extending thereinto with its lengthwise dimension at right angles to such edge, and two blades fitting said slot and extending lengthwise therein and having cooperating tapered edges.

1,574,847. GOPHER TRAP. ALBERT M. PALMER, Sr., and ALBERT M. PALMER, Jr., Logan, Iowa. Filed July 2, 1925. Serial No. 41,071. 3 Claims. (Cl. 43—91.)



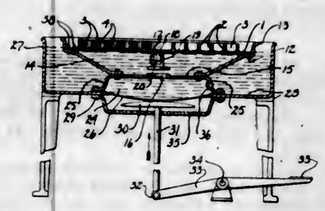
1. A trap comprising a body member having spaced eyes, an angularly U-shaped gripping arm carried by said body member, an offset U-shaped member carried by said body member, said body member, eyes, arm and offset U-shaped member being formed from a single piece of rod material bent to form, a rod rockably mounted in the eyes, an angularly disposed gripping arm carried by the rod, a coiled spring surrounding the rod and anchored to the body member and the last named gripping arm, a tripping plate hingedly connected to the offset U-shaped member at a right angle to the body member, said body member being provided with an angularly disposed arm in substantially the same plane as the offset U-shaped member, said rod being provided with an angularly disposed arm, a latching member carried by the angularly disposed portion of the body member and adapted to engage across the arm of the rod and a shoulder carried by the pivoted tripping plate with which the pivoted arm is adapted to engage.

1,574,848. REGISTERING DEVICE FOR CAN-BODY MAKERS. CARL FREDERICK PECK, Fairport, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Oct. 21, 1922, Serial No. 595,902. Renewed July 20, 1925. 9 Claims. (Cl. 113—12.)



1. In a machine for making can bodies, a horn upon which the bodies are formed, a seam closing hammer, means associated with the hammer for causing registration of the body blank edges prior to the action of the hammer, and means for holding said last-mentioned means out of the path of the can body during initial retracting movement of the hammer.

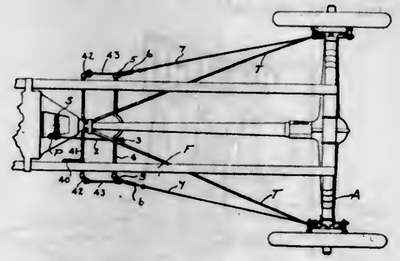
1,574,849. MEANS FOR COOLING PHOTOMECHANICAL PRINTING PLATES. FRANK T. POWERS, New York, N. Y. Filed Mar. 31, 1921. Serial No. 457,381. 3 Claims. (Cl. 62—11.)



1. A device for cooling photo-mechanical printing plates including a base plate provided with openings therein and having thereon a plurality of upstanding, spaced apart plate supports with open, unobstructed space thereabove, and means for causing a cooling fluid to pass through the openings in said base plate.

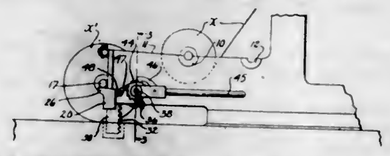
1,574,850. BRAKE. GEORGE W. ROSS, Huntington Park, Calif., assignor to F. L. Hetzel and A. H. Hetzel, both of Los Angeles, Calif. Filed May 25, 1922. Serial No. 563,627. 8 Claims. (Cl. 188—77.)

1. In a brake device for vehicles having fixed housings and drums secured to driven wheels, a frame member adapted to be secured to each brake housing and having forwardly and rearwardly arranged rock shaft bearings, rock shafts provided in said bearings and having lever arms diametrically arranged on respective shafts, brake



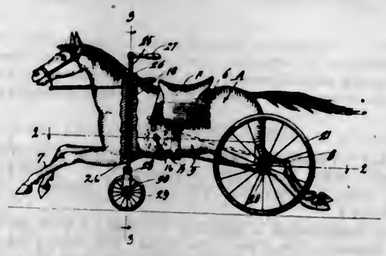
straps arranged above and below the brake drum of each wheel and respectively connected to said lever arms of the rock shafts.

1,574,851. PRINTING PRESS. RALPH C. SEYMOUR, Larchmont, N. Y., assignor to Schwartz, Seymour & Company, Inc., a Corporation of New York. Original application filed Aug. 24, 1920, Serial No. 405,638. Divided and this application filed May 16, 1921. Serial No. 469,845. 22 Claims. (Cl. 242—58.)



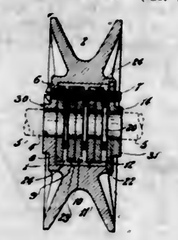
1. In combination in a printing press, bearings in fixed position on the press side frames rotatively supporting the mandrel of a paper roll, and means for elevating a paper roll and delivering it to said bearings including traveling saddles extending rearwardly from the ends of the press frame and slidably associated therewith and adapted to engage beneath the ends of the mandrel of a paper roll resting on the floor and to lift the roll.

1,574,852. TOY. JAMES O. SMITH, Kiefer, Okla., assignor of one-half to Lincoln E. Harshburger, Kiefer, Okla. Filed Jan. 13, 1925. Serial No. 2,211. 1 Claim. (Cl. 208—42.)



In a toy vehicle, a solid body shaped to simulate the appearance of a horse including a pair of forwardly extending and a pair of rearwardly extending spaced legs, the body having a longitudinally extending slot formed therein on the lower surface thereof and a transverse opening communicating with the forward end of the slot and opening out through the sides of the body, a drive shaft rotatably mounted in the opening, pedals secured to the terminals of the shaft, a drive sprocket wheel keyed to the shaft and arranged in the slot, a drive axle rotatably carried by the rear pair of legs, drive ground wheels secured to the terminals of the axle, a drive sprocket wheel secured to the drive axle and arranged directly in rear of said slot, a sprocket chain trained about said sprocket wheels, a steering shaft rotatably carried by the body forwardly of the drive shaft, and a steering wheel carried by said steering shaft.

1,574,853. TROLLEY-WHEEL CONSTRUCTION. LEWIS J. TETLOW, Holyoke, Mass. Filed Mar. 14, 1924. Serial No. 699,245. 12 Claims. (Cl. 191—61.)

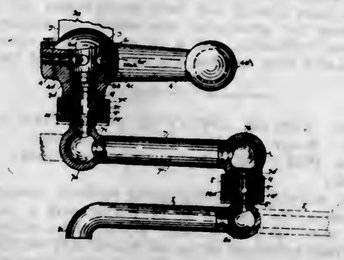


1. In a trolley wheel construction, the combination with the hub portion which is formed with a recess therein and an annular ledge part, a series of wheel supporting disks located in the recess, said disks each being formed with an opening to receive a wheel supporting shaft and having laterally located recesses communicating with the said opening to provide a space or pocket to receive a semi-solid lubricant, said lubricant possessing the property of readily conducting the electric current from the wheel to the supporting shaft and means for securing the said disks in place in the recess comprising a plate located in the annular pan, and threaded screws passing through the disks, the plate and the hub.

1,574,854. METHOD OF PREPARING A PAINTING MATERIAL OF POWDER FORM FOR USE WITH EITHER WATER OR OIL. MICHIHIKO TSUBATA, Tachibana-Gori, Japan. Filed July 24, 1923. Serial No. 653,587. 1 Claim. (Cl. 134—59.)

The process of manufacturing a painting material of powder form capable of use either with water or oil, comprising the step of drying and powdering a mass comprising pigments for drying oils, gelatin formalin and alcohol and the step of mixing, drying and powdering the mixture of the powder above produced with a mixture comprising gelatin, drying oil and alcohol.

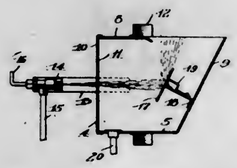
1,574,855. SWING SPOUT FOR SINK FAUCETS. ORVIS W. VALLIER, Watertown, N. Y., assignor to J. B. Wise Incorporated, Watertown, N. Y., a Corporation of New York. Filed Mar. 2, 1925. Serial No. 12,766. 1 Claim. (Cl. 285—166.)



In a combination with a swing spout, a chambered casing having a depending externally threaded and counterbored neck, an upwardly extending neck on the spout engaged with the bottom of the chamber above the

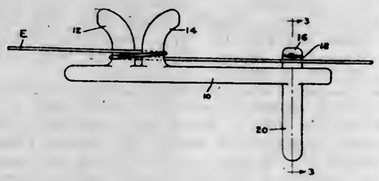
counterbored part of the neck of the casing, a collar surrounding the upper end of the spout neck and threaded thereon, the counterbored part of the casing neck forming a shoulder, against which latter said collar abuts, a sleeve surrounding the spout neck and abutting the collar, packing engaged with the bottom end of the casing neck and a gland nut threaded over the casing neck and engaged with the packing and with the outer end of the sleeve.

1,574,856. HUMIDIFIER FOR HOT-AIR FURNACES. FREDERICK W. ARMBRUSTER, Jr., and GERARD C. BETLEM, Rochester, N. Y. Filed Feb. 19, 1924. Serial No. 693,915. 4 Claims. (Cl. 126—113.)



1. A humidifier for hot-air furnaces comprising a housing adapted to project into the heating chamber of the furnace and having an opening communicating with the chamber, means for projecting a jet of water into the housing, a baffle in said housing for atomizing the jet and adjustable to vary the amount of atomization, and means for securing the baffle in adjusted position.

1,574,857. TIGHTENING DEVICE FOR FLEXIBLE ELEMENTS. RUSSELL E. BARNECK, St. Paul, Minn. Filed Apr. 9, 1924. Serial No. 705,248. 1 Claim. (Cl. 24—71.3.)

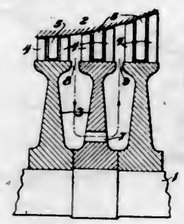


A tightening device for flexible elements comprising a longitudinal body member, two spaced lugs extending out from said body member near one end thereof and upon which the flexible element may be wound after it has been placed between the same, said lugs being longitudinally disposed and curving divergently from each other a shorter transversely curved lug extending out from the same side of said body member near the other end thereof for preventing the wound up flexible element from unwinding, and a handle member extending out from said body member opposite said curved lug.

1,574,858. ART OF APPLYING DECORATIVE COATINGS. RALPH E. BATEMAN, Dayton, Ohio. Filed Feb. 4, 1924. Serial No. 690,652. 11 Claims. (Cl. 91—68.)

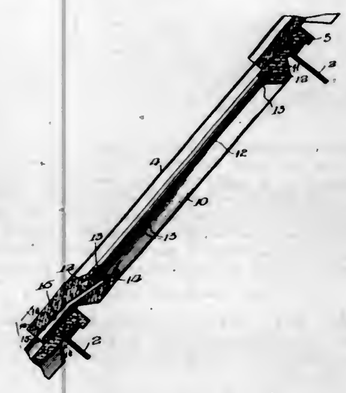
1. The method of coating metal surfaces comprising: first priming the surface to be coated with a priming coating, then applying a rapid drying paint mixture to said surface by means of an air brush, said mixture being of such consistency that it flows from the air brush in globules and forms a pebble effect upon said surface, and then drying said last coating before it has sufficient time to become smooth.

1,574,859. STEAM TURBINE. KARL BAUMANN, Urmston, England, assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 5, 1922. Serial No. 527,123. 4 Claims. (Cl. 253—69.)



1. A turbine of the reaction type having blade carrying discs, defining pockets therebetween, said discs being provided with means for causing a circulation of steam into and through said pockets.

1,574,860. SKYLIGHT AND ROOFING CONSTRUCTION. LEROY BAUMGARTL, Chicago, Ill., assignor to Federal Cement Tile Company, Chicago, Ill., a Corporation of Illinois. Filed July 2, 1925. Serial No. 41,090. 2 Claims. (Cl. 108—10.)



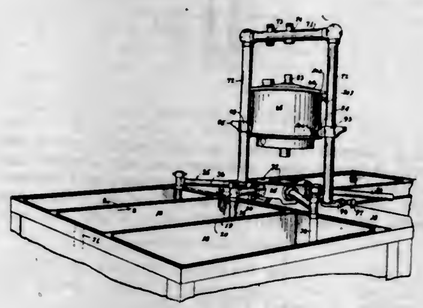
1. In a cementitious window frame, a passageway for the discharge of moisture, said passageway being flared downwardly and outwardly and having a coating to prevent the interlocking of an ice core in said passageway.

1,574,861. COOLING HOLDER FOR MILK AND THE LIKE. EMIL BEHRINGER, Brooklyn, N. Y. Filed Dec. 16, 1924. Serial No. 756,259. 58 Claims. (Cl. 137—21.)

1. In combination, a plurality of tanks; a base having ports communicating with the tanks; and rotary means resting on and upwardly removable from said base and adapted to be advanced from port to port and to withdraw liquid from one tank and then to fill the emptied tank with other liquid.

47. In combination, a plurality of tanks; means for emptying and filling the tanks including a rotary member adapted to assume successive positions relative to the tanks; means for moving said rotary member to said successive positions; and means for holding said member stationary in said positions to give full time for the filling and emptying.

53. In combination, a plurality of tanks; means including a rotary member adapted to successively withdraw treated liquid from one tank and then to fill the emptied tank with liquid to be treated; yieldable drive

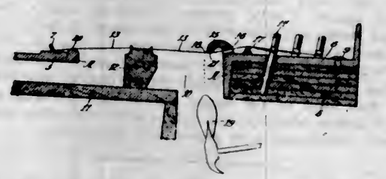


means for driving said rotary member; an adjustable timing means timed independently of said drive means for timing the period of rotation of said rotary member for adjustably timing the period between the filling and emptying of a tank.

1,574,862. COATING COMPOSITION. AUGUST BENSON, Chicago, Ill. Filed July 19, 1924. Serial No. 727,059. 6 Claims. (Cl. 134—47.)

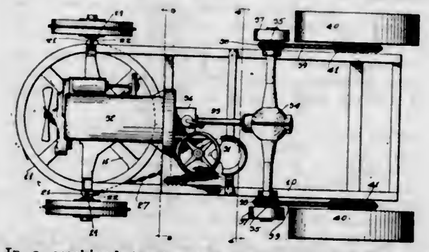
1. A semi-transparent surface coating comprising a powdered mass consisting of equal parts of magnesite, silica and infusorial earth fused together, and a solution of magnesium chloride.

1,574,863. STRING PLATE FOR GRAND PIANOS. WILLIAM G. BETZ, Hammond, Ind., assignor to Straube Piano Co., Hammond, Ind., a Corporation of Indiana. Filed July 17, 1922. Serial No. 575,554. 1 Claim. (Cl. 84—210.)



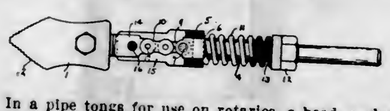
A string plate for grand pianos made up of an integral casting including a main frame having an opening therethrough with a tuning pin section and a hitch pin section on opposite sides of the opening and with an orificed pressure bar extending along above the hammer opening so as to support the strings across the opening and permit their extension beneath the bar then through the orifice and then along over the top of the frame to the tuning pins, said frame being shaped to be positioned above the sounding board of the piano and said hammer opening being wide enough to permit placing a bridge piece over the sounding board over which the strings pass from the hitch pins to the pressure bar, and a support between the pressure bar and tuning pins over which the strings pass, said tuning pins being angularly disposed so as to slightly lean, and said support being positioned so as to lead the strings into the tuning pins substantially at right angles to the axis of rotation of the pins.

1,574,864. COMBINED TRACTOR AND POWER PLANT. WALTER BILLINS, Violn, Ark. Filed Aug. 30, 1924. Serial No. 735,116. 1 Claim. (Cl. 280—110.)



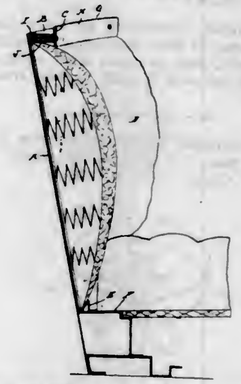
In a combined tractor and power plant, a frame, a front axle for the said tractor, a circular platform for supporting the front of the frame, means for oscillatably mounting the platform on the front axle, apertured ears projecting laterally of the frame from the said platform, a bolt extending through each ear, a spring encircling each bolt above the ear, means on each bolt for forcing a spring into contact with the ear, and flexible elements connecting the bolts to the axle whereby the platform is held in normal position.

1,574,865. PIPE TONGS FOR ROTARIES. BURWELL BOYKIN, Jr., Beaumont, Tex. Filed Mar. 9, 1925. Serial No. 14,114. 5 Claims. (Cl. 81—53.)



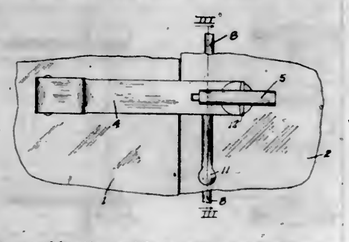
1. In a pipe tongs for use on rotaries, a head, a shank thereon, a handle shaft, a chain conection between said shank and shaft, a collar slidable on said shaft, plates on said collar pivoted to said shank, and a spring on said handle shaft acting to force said collar toward said head.

1,574,866. ATTACHABLE UPHOLSTERY FOR VEHICLE BODIES. PAUL E. GRENEMAN, Detroit, Mich., assignor to C. R. Wilson Body Company, Detroit, Mich., a Corporation of Michigan. Filed Sept. 20, 1920, Serial No. 411,457. Renewed Oct. 31, 1922. Serial No. 598,178. 11 Claims. (Cl. 155—184.)



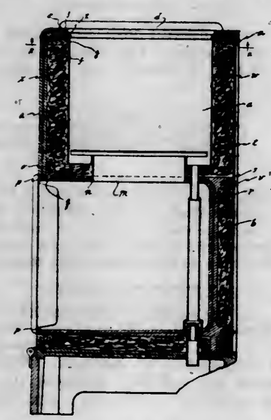
1. The combination with a vehicle body and an attachable upholstery unit therefor, retaining means for said unit comprising an attachable rail, pockets formed on said body, wood inserts in said pockets, and securing members for said rail engaging said wood inserts.

1,574,867. THREE-POINT REAR-DOOR LOCK. HIRAM WILLIAM COOLEY, Chicago, Ill. Filed Feb. 9, 1924. Serial No. 691,605. 3 Claims. (Cl. 292—5.)



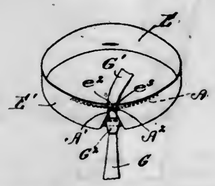
1. The combination with a pair of swinging doors, of a latch bar hinged upon one door adapted for engaging a rotatable catch bolt upon the other door and prevent rotation thereof, a disk secured upon said latch bolt, locking bolts pivoted to said disk and means for rotating said latch bolt when said latch bar is released.

1,574,868. REFRIGERATOR CONSTRUCTION. LLOYD G. COPEMAN, Flint, Mich. Filed Jan. 17, 1924. Serial No. 686,883. 10 Claims. (Cl. 217—3.)



1. A refrigerator, comprising an outer shell of cast material, a frame of heat insulating material united to the cast material, and an inner shell within the outer shell supported at least in part by said frame of insulating material.

1,574,869. HOLDING DEVICE. ARTHUR S. CROWLEY, Cambridge, Mass. Filed June 29, 1923. Serial No. 648,563. 1 Claim. (Cl. 2—155.)



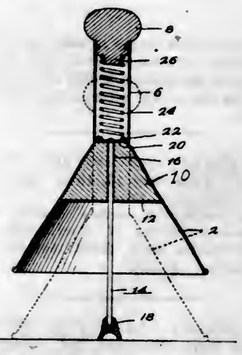
The combination of a collar, an annular holding member having end portions interlocked to each other when said member is in use; and a tie having a portion encircling said interlocked ends to hold the tie in position with relation to the collar.

1,574,870. SAFETY FUSE. CLIFFORD D. CUNY and HOWARD W. JOHNSON, Washington, D. C. Filed Apr. 8, 1924. Serial No. 704,992. 2 Claims. (Cl. 200—117.)



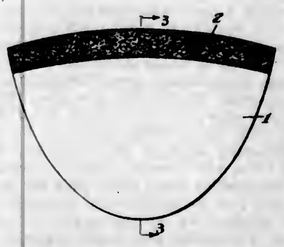
1. In combination with a terminal and its corresponding socket, a fuse comprising a tubular body of insulating material arranged in said socket, fusible material extending from said socket to said terminal, and resilient means for positively disengaging said terminal from electrical contact with said socket when said fusible material becomes fused.

1,574,871. VACUUM WASHER. LILLIAN M. DABNEY, Rosedale, Kans. Filed Aug. 6, 1923. Serial No. 655,882. 1 Claim. (Cl. 68—5.)



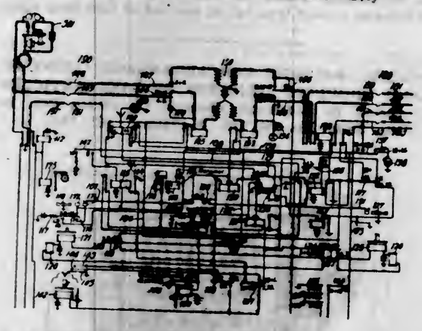
A device of the character described consisting of a conical vacuum cup, a tubular shank fixed to the upper end of said vacuum cup, a knob fixed to the upper end of said shank and having an upper portion overlapping said shank, a solid plunger extending axially through said vacuum cup and into the shank, a solid conical guide having a central bore for the passage of said plunger and fixed in the vacuum cup to reinforce the same, a cushion fixed to the lower end of said plunger, a disk fixed to the upper end of said plunger, and a coil spring seated at its ends against said disk and the knob, substantially as shown and described.

1,574,872. SHOE. CHARLES LEO DALY, Brockton, Mass. Filed Apr. 4, 1925. Serial No. 20,647. 2 Claims. (Cl. 36—77.)



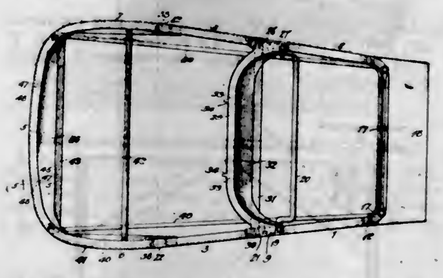
1. As a new article of manufacture, a box toe blank impregnated with thermo-plastic material throughout substantially its entire extent, and an external band of thermo-adhesive material applied to said blank adjacent its tip line independently of and additionally to the original impregnation of the blank with the thermo-plastic material, said thermo-adhesive band being substantially different in composition and thermo-adhesiveness from the thermo-plastic impregnant, softening more quickly than said impregnant under the usual heat treatment of the blank, being stickier than said impregnant when softened, and after cooling adhering tenaciously to the toe tip and vamp of the shoe whereby to of itself adhesively connect the blank along its tip line only to said parts.

1,574,873. TELEPHONE-EXCHANGE SYSTEM. GERALD DRAKIN, Antwerp, Belgium, assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Feb. 25, 1922. Serial No. 539,121. 16 Claims. (Cl. 179—27.)



1. In a telephone system, a plurality of lines divided into a plurality of groups, automatic switches arranged in a plurality of groups, each group of switches serving a different group of lines as first choice, means for allowing each group of switches to serve other lines as second choice, means for operating a switch in any of said groups to select and extend one of said lines, and means variably operable in accordance with the operation of said switch for controlling said switch directively.

1,574,874. VEHICLE BODY. HERMAN H. DOEHLER, New Rochelle, and MARC STERN, Brooklyn, N. Y., assignors to Doehler Die-Casting Co., a Corporation of New York. Filed Mar. 6, 1923. Serial No. 623,117. 21 Claims. (Cl. 296—28.)

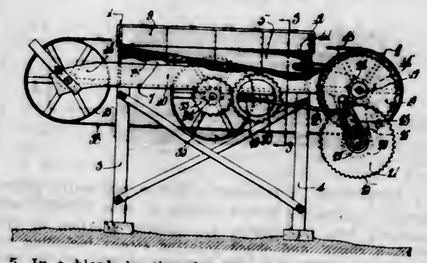


1. A sectional metallic vehicle body including on each side an integral cast metallic door-framing section which comprises a front and rear panel and a connecting portion joining their bottoms and having an inwardly extending flange around the door opening formed by the two panels and the connecting portion and means on the rear edge of the rear panel for attachment to an adjacent section.

1,574,875. MANUFACTURE OF SODIUM FORMATE FROM CARBON MONOXIDE. MAX ENDELL, Oestrich, Germany, assignor to Firm of Rudolph Koepp & Co., Chemische Fabrik, Oestrich, Germany. Original application filed Feb. 24, 1921, Serial No. 447,623, Patent No. 1,555,796, dated Sept. 29, 1925. Divided and this application filed Feb. 28, 1923. Serial No. 621,923. 7 Claims. (Cl. 260—114.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)

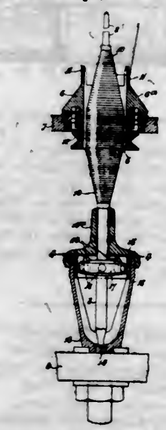
1. A process for the manufacturing of sodium formate consisting in causing carbon monoxide to act upon strongly diluted sodium sulfate solutions in the presence of alkali earth metal hydroxide, and replacing the converted sodium sulfate by addition of fresh sodium sulfate in such quantities that a constant low sodium sulfate concentration is maintained which is below the saturation concentration of the basic sodium calcium sulfate for the corresponding temperature.

1,574,876. BLANK-HEATING FURNACE. ALEXANDER D. FERGUSON, Chicago, Ill., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Apr. 5, 1922. Serial No. 549,928. 27 Claims. (Cl. 263—8.)



5. In a blank heating furnace, a combustion chamber comprising parallel side walls, an inclined bottom, and a top supported upon one of said side walls and terminating short of the other, and means including a conveyor running along the other of said side walls for supporting a series of bits over the vent formed between said last mentioned side wall and said top.

1,574,877. MACHINE FOR SPINNING OR DOUBLING YARNS AND THREADS. FRED FERRAND, Southport, England. Filed Dec. 9, 1922. Serial No. 605,814. 4 Claims. (Cl. 118—55.)



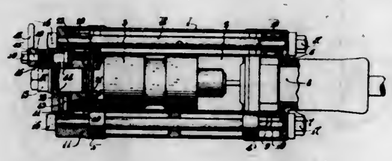
1. In machines for spinning or doubling yarns and threads, a spindle, a member carried by and rotating with

the spindle and having radial guides, balls running in said guides in a radial direction under centrifugal force, and a relatively stationary element surrounding the member and with which the balls engage to frictionally retard the rotation of the spindle.

1,574,878. METAL-CHIP BRIQUETTE. GEORGE E. GAIL, Jr., Pontiac, Mich., assignor of one-sixth to Harry A. Sibley and one-sixth to George A. Brown, both of Pontiac, Mich. Filed Feb. 2, 1925. Serial No. 6,459. 8 Claims. (Cl. 75—73.)

1. A briquette adapted for use in cupolas comprising a dried compacted block of metallic chips and a binder incorporated therein consisting solely of diluted liquid water glass, said briquette being capable of withstanding high temperatures without premature disintegration.

1,574,879. ROTATING MECHANISM FOR ROCK DRILLS. ELMER G. GARTIN, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Jan. 2, 1920. Serial No. 349,018. 16 Claims. (Cl. 121—7.)



1. In a motor, a cylinder, a hollow percussive piston therein, cooperating means carried by said cylinder and extending into said piston for causing rotation of the latter, a chuck, and chuck rotating means including an element extending into the interior of said piston and having a straight tongue and groove connection therewith.

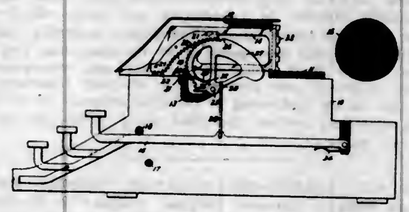
1,574,880. VENTILATOR FOR BUSSES AND OTHER VEHICLES. MAMIE M. GARLAND, Chicago, Ill., assignor to Garland Ventilator Company, Chicago, Ill., a Corporation of Illinois. Filed May 12, 1925. Serial No. 29,687. 14 Claims. (Cl. 98—22.)



10. A ventilator comprising, a bottom plate having a hole therein adapted to register with a hole in the top of the vehicle to which the ventilator is applied, a top plate having a series of openings therein, walls extending from the bottom plate up to the top plate to form a hollow box-like structure, an eductor flue located over the hole in the bottom plate, and a baffle plate to direct a current of air over the openings in the top plate to create a vacuum space therenbove to draw air from the interior of the vehicle.

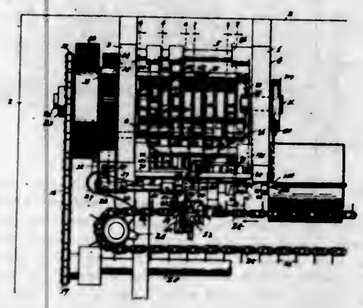
1,574,881. TYPEWRITING MACHINE. GEORGE GOULD GOING, Middletown, Conn., assignor, by mesne assignments, to Remington-Noiseless Typewriter Corporation, a Corporation of New York. Filed Jan. 10, 1924. Serial No. 685,348. 20 Claims. (Cl. 197—25.)

1. In a typewriting machine, in combination, a platen, a type bar adapted to approach the platen rectilinearly, actuating means therefor, including a key lever and a pivoted member arranged to make substantially rolling contact with said type bar and impart motion thereto



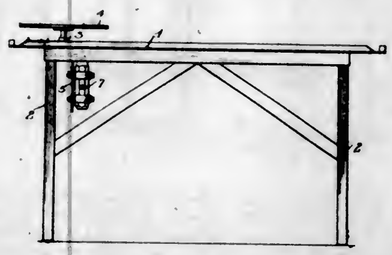
which has a negative acceleration during the final stage, and an inertia device for imparting a pressure printing impulse to said type bar at the end of said final stage.

1,574,882. MACHINE FOR ARRANGING, COUNTING, AND GROUPING HAIRPINS OR LIKE ARTICLES. SOLOMON H. GOLDBERG, Chicago, Ill. Filed Feb. 13, 1919. Serial No. 276,709. 8 Claims. (Cl. 163—8.)



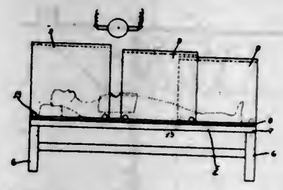
1. In a machine for handling hairpins, or similar articles, the combination with a continuously advancing conveyor for said articles, of automatically operated gripping jaws for removing the articles from the conveyor, forcing means to which the articles are advanced for applying said articles to suitable holding means.

1,574,883. METHOD AND APPARATUS FOR CEMENTING INSULATORS. WILLIAM F. HARVEY, Lima, N. Y. Filed June 26, 1925. Serial No. 39,849. 9 Claims. (Cl. 18—59.)



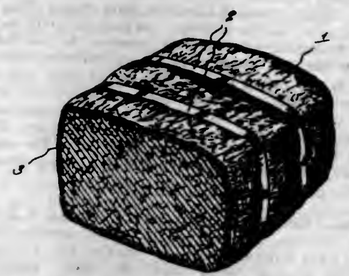
1. The method of cementing together the parts of an insulator, consisting in subjecting the insulator to rapid vibration while the cement is poured therein.

1,574,884. COMBINED X-RAY PROTECTIVE CANOPY AND TABLE. ELLIOTT M. HENDRICKS, Columbus, Ohio. Filed Oct. 24, 1923. Serial No. 670,405. 9 Claims. (Cl. 250—34.)



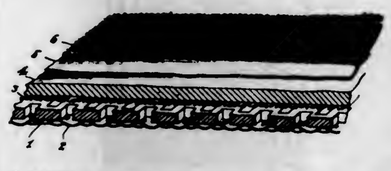
1. In an X-ray treatment table and protective device, the combination of a table and a plurality of canopies impervious to Röntgen rays adjustably mounted above the table.

1,574,885. METHOD OF PROTECTING COTTON BALES. HERBERT G. HENNE, New Braunfels, Tex. Filed July 31, 1924. Serial No. 729,427. 7 Claims. (Cl. 91—68.)



6. A method of treating cotton bales consisting in applying a composition to the surface of the bale to form therewith a protective covering over the contents of the bale.

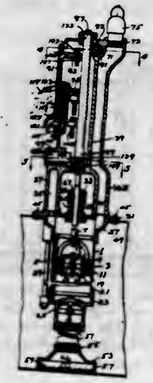
1,574,886. WATERPROOF COVERING. OTTO A. HEPPES, Chicago, Ill., and WALTER H. CADY, Boston, Mass., assignors to The Flintkote Company, Boston, Mass., a Corporation of Massachusetts. Filed Jan. 12, 1922, Serial No. 528,880. Renewed July 27, 1925. 5 Claims. (Cl. 154—51.)



1. A waterproof covering, comprising a relatively heavy fibrous board, having air circulating ducts shaped therein, a plurality of overlaying plies of fibrous material and waterproofing substances imposed upon the base to form a unitary structure.

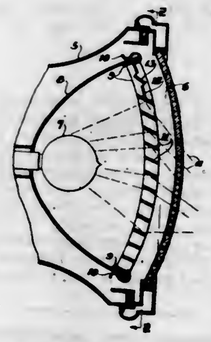
1,574,887. PUMP. SHERWOOD HINDS, Chicago, Ill., assignor to St. Louis Pump & Equipment Company, St. Louis, Mo., a Corporation of Missouri. Filed Jan. 28, 1921. Serial No. 440,796. 6 Claims. (Cl. 103—198.)

1. In apparatus of the class described, in combination, a cylinder having a piston adapted to reciprocate therein, a housing mounted on said cylinder comprising relatively front and rear hollow legs and a transverse arm connecting said legs, with front leg thereof forming an expansion chamber, and the rear leg extending above said expansion leg to form a discharge chamber, the connecting arm extending transversely at approximately the upper extremity



of the front leg the rear leg having an extension on the upper portion thereof, and a rack journaled in said extension adapted to reciprocate with said piston.

1,574,888. ATTACHMENT FOR HEADLIGHTS. CHARLES T. HIXSON, Aztec, N. Mex., assignor of one-third to William Utton, Aztec, N. Mex., and one-third to Williard W. Campbell, Albuquerque, N. Mex. Filed June 30, 1924. Serial No. 723,307. 2 Claims. (Cl. 240—48.4.)

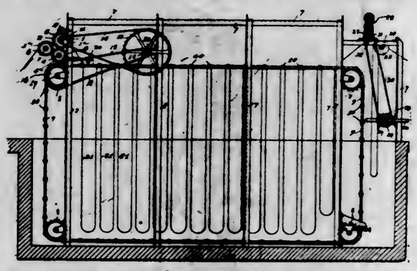


1. An attachment for headlights comprising a metallic rim fitting closely within the rim of the headlight reflector and having a series of similarly disposed arcuate blades extending from side to side thereof and secured thereto, clips connected with said metallic rim and engageable over the edge of the reflector rim in front of the light to removably secure the attachment in such a position that the convex faces of the blades are disposed downwardly and slope upwardly and rearwardly, so that the rays of light will be reflected downwardly and dispersed laterally.

1,574,889. LOOPING SYSTEM. WILLIAM T. HOFMANN, Chicago, Ill., assignor to Beckman-Dawson Roofing Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 2, 1921. Serial No. 441,940. 4 Claims. (Cl. 34—12.)

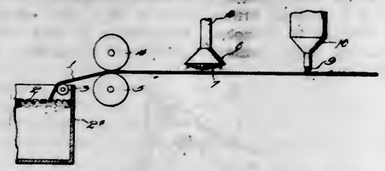
3. In a looping apparatus, the combination with an endless means for supporting a plurality of loops of flexible materials, of feed in rolls adjacent the inlet end of the endless means through which the flexible material is threaded and drawn into the looping apparatus, the ar-

rangement of these rolls being such that the material is drawn into the looping apparatus without being subjected to the squeesing effect of pressure rolls, gripping drawoff rolls adapted to withdraw the flexible material from the



last loop on the endless means, said gripping drawoff rolls forming an additional loop beyond the endless means, and a flanged guide roll for positively directing the subsequent course of the flexible sheet in its travel to the next succeeding step of operation.

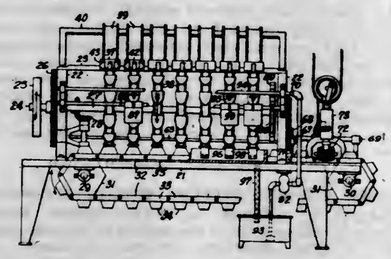
1,574,890. PROCESS FOR PRODUCING A WATERPROOF SHEETED SUBSTANCE AND PRODUCT PRODUCED THEREBY. WILLIAM T. HOFMANN, Chicago, Ill., assignor to Beckman-Dawson Roofing Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 17, 1922. Serial No. 544,594. 5 Claims. (Cl. 91—68.)



1. A process for producing a waterproof sheeted material, consisting in passing the sheet through a waterproof saturant and subjecting the applied coating to the roughening effect of a finely divided air blast to set the coating and produce a denticulated surface, applying coarse surfacing material to the roughened coating and imposing a cementitious covering thereon.

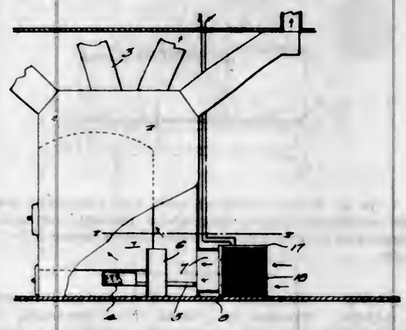
2. A waterproof sheet, consisting of a felted fibrous base saturated and coated with a waterproofing substance, one surface of the sheet having irregular furrows and raised portions and having a coarse granular surfacing applied thereto.

1,574,891. HEEL-BUILDING MACHINE. LESLIE A. HOLMAN, Waltham, Mass. Filed Aug. 29, 1921. Serial No. 496,201. 82 Claims. (Cl. 12—50.)



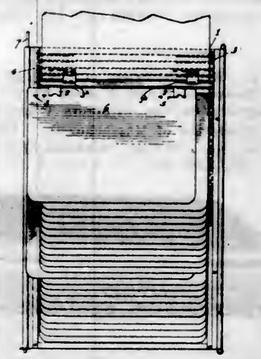
1. In a heel building machine, the combination with lift supplying means and a continuously moving conveyor of continuously moving unidirectional means provided with lift gripping means for transferring lifts from said supply means to said conveyer to build up heels thereon.

1,574,892. INDUCTION HEATING AND VENTILATING SYSTEM. DAVID HUNTER, New Orleans, La. Filed Aug. 29, 1924. Serial No. 734,909. 1 Claim. (Cl. 126—113.)



A heating and ventilating system including a heating device, a casing disposed thereover, said casing being provided with an air passageway, an angular plate located within the casing and disposed between the heating device and the air passageway, air moistening elements located in the casing each a distance at each side from the angular plate and each disposed at each side of the heating device, and a fan located at the intake end of the passageway and adapted to direct a blast of air through the passageway for engagement with the angular plate and deflection toward the air moistening elements.

1,574,893. VISIBLE CARD SYSTEM. LEROY E. HUTCHINGS, Chicago, Ill., assignor, by mesne assignments, to Acme Card System Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 26, 1921. Serial No. 503,349. 4 Claims. (Cl. 129—16.)

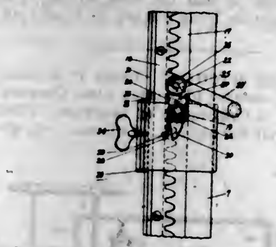


1. In a visible card system, the combination with a frame, of flexible wire hangers detachably mounted in said frame having return-bent portions, individual cards hung by metallic clips from the return-bent portions of said hangers, said cards being movable laterally to an offset position from the normal position of the cards without disengagement from the return-bent portions.

1,574,894. ADJUSTABLE TRIPOD OR OTHER SUPPORT. THEODORE A. JANSSON, Johnson City, N. Y., assignor to Ansco Photoproducts, Inc., Binghamton, N. Y. Filed Feb. 24, 1925. Serial No. 11,216. 7 Claims. (Cl. 248—43.)

1. Shifting mechanism comprising a support and including an adjustable member provided with teeth, means

for adjusting the position of said member comprising a pivoted element rockable toward and away from said



teeth, and a rotatable element carried by said pivoted element and having means for engaging said teeth.

1,574,895. LUMBER-STACKING DEVICE. JOSEPH H. JOHNSON, Los Angeles, Calif. Filed June 22, 1925. Serial No. 38,878. 7 Claims. (Cl. 214—6.)

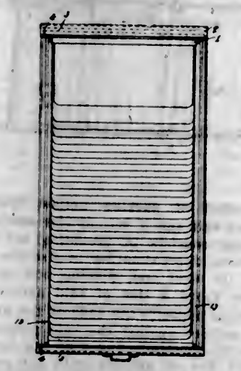


1. A lumber stacking device comprising an elongated body, and spacing strips receiving members at intervals along the length and at opposite sides of the body.

1,574,896. FELT FABRIC. REGINALD H. JOHNSON, Newark, N. J. Filed July 3, 1924. Serial No. 724,050. 4 Claims. (Cl. 91—68.)

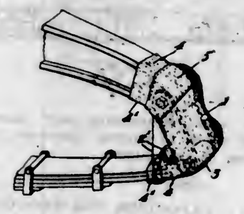
2. An improved fabric comprising a sheet formed of felted cattle hairs and a binder containing an adhesive and latex.

1,574,897. REVERSIBLE CARD-INDEX HOLDER. FRANK H. JOHNSTON, Chicago, Ill., assignor, by mesne assignments, to Acme Card System Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 19, 1919, Serial No. 339,251. Renewed July 23, 1925. 3 Claims. (Cl. 45—7.)



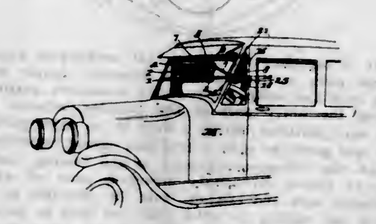
1. In a reversible card index holder, the combination with a slidable drawer having elongated slots in opposite end portions thereof, of a reversible card index holder adapted to be carried by said drawer and movable therewith, studs projecting from said holder and entering said slots in the ends of the drawer, said holder being shiftable bodily relative to said drawer by a movement of the studs in said slots to permit the holder to be reversed.

1,574,898. SHACKLE COVER. JASON A. H. JOHNSTON, Framingham, Mass. Filed Nov. 9, 1923, Serial No. 673,846. Renewed Aug. 17, 1925. 5 Claims. (Cl. 267—37.)



2. A shackle cover comprising a flapped body portion of subsantially the length of the shackle and a flapped end portion connected thereto by a short web of less width and having lateral notches and a flapped cape portion overlying said connecting web and adapted to cover the intervening lateral notches.

1,574,899. GLARESHIELD. ALBERT T. KELLOGG, Houston, Tex. Filed June 7, 1924. Serial No. 718,595. 4 Claims. (Cl. 296—97.)

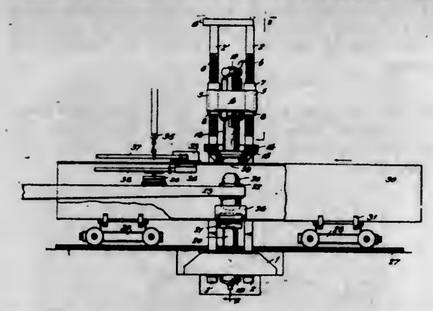


4. A glare shield comprising a supporting rod extending outward from the frame portion of a motor vehicle, a combined universal joint and clamp by which one end of the rod is slidably secured to said frame portion permitting adjustment in various longitudinal and radial positions, a screen carrying a rod in longitudinal spaced relationship thereto at one edge, and clamp means connecting the supporting and screen rods in which the supporting rod is slidable to produce longitudinal and lateral adjustments of the screen and in which the screen rod is revoluble to produce radial adjustments of the screen in reference to the supporting rod.

1,574,900. APPARATUS AND METHOD FOR MAKING OPENINGS IN PIPES, CYLINDRICAL TANKS, ETC. MORRIS W. KELLOGG, Brookville, N. Y., assignor to The M. W. Kellogg Company, a Corporation of Delaware. Filed July 16, 1923. Serial No. 651,957. 15 Claims. (Cl. 153—21.)

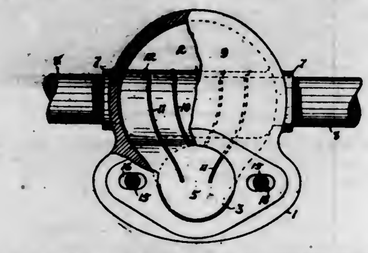
1. Apparatus for making flanged openings in the side of an elongated hollow body, comprising in combination,

a die, a fluid operated forming punch adapted to be inserted within said body and to be expanded within



said body to cause the forming part thereof to enter said die, and means to prevent distortion of said body by the reaction of said punch.

1,574,901. VAPORIZER FOR HYDROCARBON ENGINES. MARTIN C. KORTE and LOUIS N. WICKERT, Fort Wayne, Ind. Filed Feb. 20, 1922. Serial No. 537,973. 2 Claims. (Cl. 257—241.)



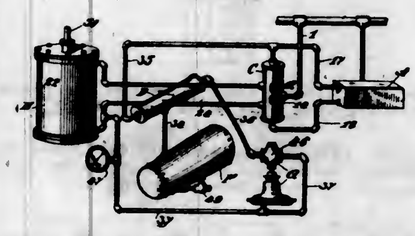
1. In a vaporizer for an internal combustion engine, a single piece casting having a chamber therein with alined inlet and outlet ports and a transverse partition dividing the lower part of the chamber between the ports, said partition having a duct in its upper portion above said ports the ends of said duct extend respectively through the corresponding sides of the casting, and a group of blades divergently arranged, each of which is integral with and extends from the partition to the wall of the casting in which the inlet port is located, the upper ends of the respective blades being curved away from the center line of the casting.

1,574,902. METHOD FOR THE MANUFACTURING OF WHEELS. GREGOR KOWARSKI, Berlin, Germany. Filed Feb. 29, 1924. Serial No. 696,080. 2 Claims. (Cl. 301—64.)



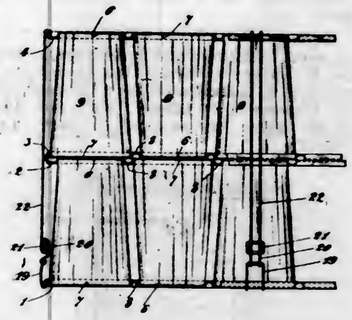
2. As an article of manufacture, a one piece vehicle wheel formed from a profiled section having a web and a flange, including in combination, a circular rim formed by bending said flange, spokes extending radially inward from said rim formed from said web and each having an enlarged perforated end, said spokes being offset inwardly of said rim so that the ends overlap to form a hub, said perforations being aligned to receive an axle.

1,574,903. GLASS MACHINE. PETER P. KUCERA, Connellsville, Pa., assignor to Capstan Glass Company, Connellsville, Pa., a Corporation of Delaware. Filed Mar. 24, 1920. Serial No. 368,238. 6 Claims. (Cl. 49—38.)



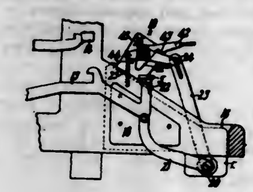
1. In an automatic glass machine, the combination of pressing devices, a plurality of interacting controllers for controlling the operation of said pressing devices, a timer for operating said controllers, an automatic relief device operative on one of said controllers for relieving the pressure on said devices when the pressure has reached a predetermined limit, a tank of predetermined capacity to receive the relieved pressure and to regulate the final pressure, and a regulating outlet valve on the tank.

1,574,904. COLLAPSIBLE CRATE. PETER KUCERA, Connellsville, Pa., assignor to Capstan Glass Company, Connellsville, Pa., a Corporation of Delaware. Filed Dec. 19, 1921. Serial No. 528,343. 12 Claims. (Cl. 220—7.)



12. The method of packing hollow fragile articles having an open end and a second end smaller than the open end which consists in providing flat sheets with embossed portions approximating in size the diameter of an article at its open end, placing one of said sheets below and one above a tier of said articles with said embossed portions opposite the ends of the articles, pressing the said articles against the said portions so as to engage the same, superimposing a second tier of articles upon said first tier of articles with the small ends of the articles of one tier within the prolongation of the open ends of the articles of the other tier, and causing portions of said flat sheet to act as elastic cushioning zones between the articles in the adjacent tiers.

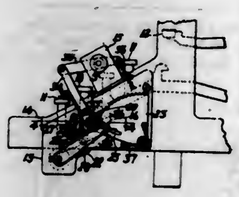
1,574,905. TYPEWRITING MACHINE. ADOLPH G. KUPETZ, New Rochelle, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 28, 1922. Serial No. 597,437. 19 Claims. (Cl. 235—102.)



1. In a typewriting machine, a number-key, a register for counting the operations of the number-key, means normally maintaining the register in locked condition to prevent clearing thereof, the register comprising register-clearing mechanism, means for unlocking the register to permit operation of the register-clearing mechanism, and supplemental means for insuring that no counting operation of the register will ensue as a result of the operation of the unlocking means.

15. In a machine of the class described, a register comprising a series of number-wheels and a clearing mechanism, an arm for operating the register to count, and a lever supplemental to the arm to condition the register without counting, for clearing purposes.

1,574,906. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 6, 1922. Serial No. 599,221. 31 Claims. (Cl. 235—102.)

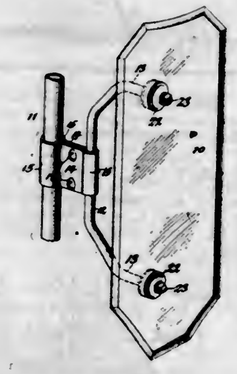


1. In a typewriting machine, the combination of a pair of typing keys, a register for registering typed values, and means actuable by one of the keys to register only once a certain amount and actuable by the other key to register repeatedly the same amount.

30. In a typewriting machine, a pair of keys, and means actuable by an operation of one of the keys to oscillate an arm once and actuable by the other of the keys to oscillate the arm twice.

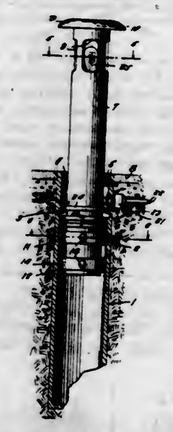
1,574,907. WINDSHIELD-WING MOUNTING. WILLIAM LA HODNY, Buffalo, N. Y., assignor to Standard Mirror Company, Inc., Buffalo, N. Y., a Corporation of New York. Filed Apr. 25, 1925. Serial No. 25,800. 4 Claims. (Cl. 296—84.)

4. A mounting for windshield wings, comprising an arm adapted to pass through an opening in said wing, a sleeve mounted on said arm and adapted to extend through said opening and provided at opposite ends with disks which are adapted to engage with opposite



sides of said wing, and a resilient bushing surrounding said sleeve and adapted to engage the bore of the opening in the wing.

1,574,908. TELESCOPIC SAFETY-ZONE STANDARD. FRED C. LAMP, Cleveland, Ohio. Filed Mar. 25, 1925. Serial No. 18,191. 5 Claims. (Cl. 240—1.)



1. An outer pipe embedded in the ground and having its upper edge flush with the surface of the street, a standard telescopically mounted in the outer pipe, a sealing device for tightly sealing the space between the top of the outer pipe and the outer wall of the inner standard, means on the inner standard for releasably locking it in its elevated position, and a cap on the top of the outer standard, said cap having a handle for raising the standard manually, said handle normally lying in a plane below or level with the top surface of the cap.

1,574,909. VISIBLE-RECORD FILE. ARVIN THEODORE LANGJAHR, Colby, Wis. Filed June 26, 1922, Serial No. 570,968. Renewed Jan. 11, 1926. 3 Claims. (Cl. 129—16.)

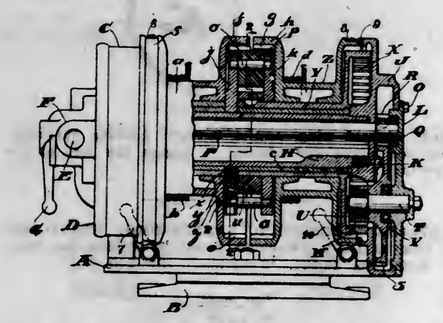
2. A record-supporting member for filing systems comprising a body portion provided with trunnions for

pivotally engaging a filing casing, cams for limiting its movement in said casing, and means comprising integral



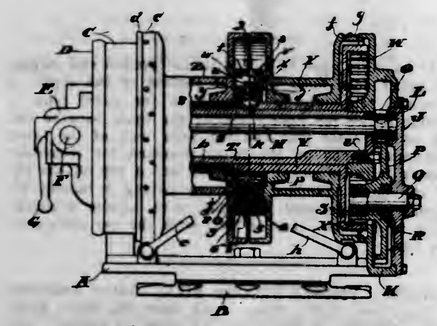
laterally and upwardly bent tongues having enlarged heads and reduced connecting portions for readily detachably holding a record-bearing member.

1,574,910. DOUBLE-DRUM HOIST. EARL B. LEAR, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed July 15, 1925. Serial No. 43,687. 3 Claims. (Cl. 254—185.)



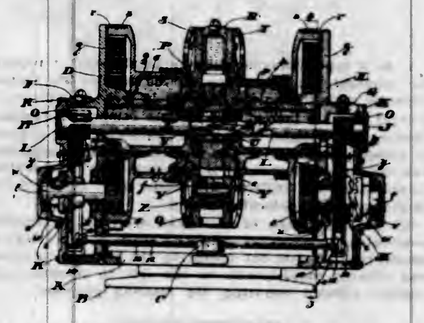
1. In a hoist, the combination of a frame, a driving shaft, drums rotatable about said driving shaft, a motor connected for rotating said driving shaft, drivers on said drums, a main driver connected to be rotated by the driving shaft, an oscillating pawl associated with the main driver for automatically connecting said main driver with one or the other of said drums in accordance with the direction of rotation of the driving shaft, and positive means including longitudinal gear teeth independent of the opposed drivers for rocking said pawl through a plane transverse to the longitudinal axis of the hoist to engage one or the other of said drivers.

1,574,911. DOUBLE-DRUM HOIST. EARL B. LEAR, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed July 15, 1925. Serial No. 43,688. 3 Claims. (Cl. 254—185.)



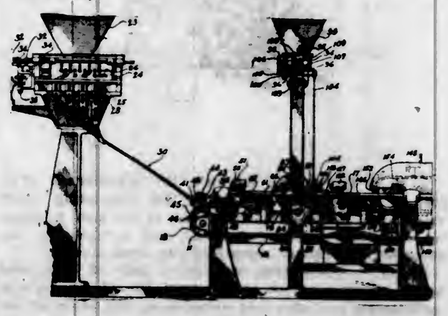
1. In a hoist, the combination of a frame, a driving shaft, a pair of drums rotatable about said driving shaft, opposed drivers carried by said drums, a motor for rotating the driving shaft, a main driver, a pawl carrier on said main driver and connected to be rotated by the driving shaft, a pawl carried by the pawl carrier reciprocable in a plane extending through the longitudinal axis of the hoist, and means including a ring and a pin connected to the main driver rotating through a plane transverse to the longitudinal axis of the hoist to automatically actuate the pawl into engagement with one or the other of said opposed drivers in accordance with the direction of rotation of the driving shaft and to hold said pawl in engagement with either of the opposed drivers.

1,574,912. DOUBLE-DRUM HOIST. EARL B. LEAR, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Oct. 5, 1925. Serial No. 60,378. 10 Claims. (Cl. 254—185.)



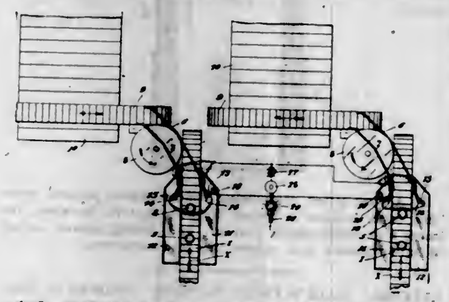
1. In a hoist, the combination of a frame, a driving shaft supported by the frame, a pair of drums rotatable about said driving shaft, a fluid actuated motor between the drums, intermediate gears for connecting the drums to be rotated by the driving shaft, and means for automatically shifting said gears to connect one or the other of said drums with the driving shaft in accordance with the direction of rotation of said motor.

1,574,913. BOTTLE-CAP-ASSEMBLING MACHINE. CHARLES E. MCMANUS, New York, N. Y. Filed Mar. 17, 1924. Serial No. 699,771. 33 Claims. (Cl. 113—80.)



1. A bottle cap assembling machine embodying therein a sequence of adjacent, similar carrier members each adapted to receive and convey a group of metal shells, a shell feeding mechanism adapted to simultaneously deliver a group of shells to each of said carrier members, a mechanism adapted to thereafter apply adhesive to each shell upon each carrier member, a mechanism adapted to deposit a disk upon the adhesive within each shell, means adapted to force said disks within the respective shells, means subjecting the shells and the adhesive therein to an elevated temperature, a pressure mechanism operative upon the disks and the shells upon the several carrier members while the adhesive therein is heated, and an actuating mechanism whereby said carrier members are successively, and progressively, brought into the operative relation to said other mechanisms, and said mechanisms are actuated in synchronism with the movement of said members.

1,574,914. AUTOMATIC CONVEYER SIGNAL. WILLIAM L. MCNAMARA, Connellsville, Pa., assignor to Capstan Glass Company, Connellsville, Pa., a Corporation of Delaware. Filed Oct. 6, 1923. Serial No. 666,894. 6 Claims. (Cl. 198—40.)



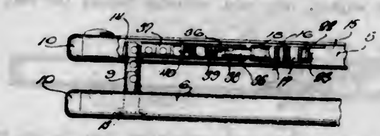
4. In a device for conveying hot glass ware; a conveyer; a rotary transfer device for transferring ware from said conveyer; guide rails cooperating with said rotary tansfer device, shelves adjacent the front end of said rails to support ware pushed from the conveyer; electrical contacts attached to the front ends of said guide rails, said contacts being normally open and being adapted to be closed by ware pushed from the conveyer; and signalling means connected to be set in operation by the closing of the contacts.

1,574,915. GOLF CLUB. MAXWELL R. MARSTON, Philadelphia, Pa. Filed Mar. 24, 1923. Serial No. 627,261. 2 Claims. (Cl. 273—77.)



1. A golf putter comprising a shaft and a head secured thereto, said head comprising a flat sole of substantial width, a flat top of substantial width but of less width and of greater length than the sole and parallel therewith, two plane faces extending from opposite sides of the sole to the top, the width of said top being greater than the diameter of the shaft where it connects with the head and a curvilinearly formed toe extending from said top to said sole.

1,574,916. LOOSE-LEAF BINDER. HENRY C. MILLER, Milwaukee, Wis. Filed July 17, 1925. Serial No. 44,273. 8 Claims. (Cl. 129—41.)



1. In a loose-leaf binder, an upper binder head member, a binder post member adapted to be adjustably connected with the head member and having one end portion normally free and extensible in said head member, cooperating means between the post member and head member to adjustably and releasably connect the post member with the head member, said means including a stud carried by one member and engageable with a part carried by the other member, and means independent of said stud and part to accommodate relatively small adjustments between the members.

1,574,917. GRAIN-DRILL TOOTH. JOHN ABERCROMBIE MITCHELL, Lawson, Saskatchewan, Canada. Filed Apr. 18, 1923. Serial No. 632,949. 2 Claims. (Cl. 111—86.)



2. A grain drill tooth comprising a spout having its delivery end bent at an angle to the horizontal, a three-edged plate attached to said spout at the delivery end and having one edge extending transversely of the spout, said plate being bent medially from said edge to the opposite vertex, the remaining edges of the plate being sharpened, and a solid block secured in the bend of the plate, and spaced from the delivery end of the spout, said block presenting to said delivery end a vertical deflecting surface intersected by the prolonged longitudinal axis of said end.

1,574,918. BOBSLED. MORTEN MORTENSON, South Range, Wis. Filed Oct. 12, 1925. Serial No. 61,984. 4 Claims. (Cl. 280—15.)

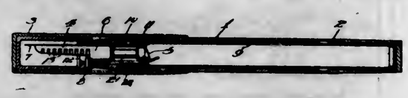


1. A sled having seats in the bodies of its runners, a crosstie beam removably mounted in said seats, said runner and beam having coincident half-seats, and dowel pins mounted in said half-seats.

1,574,919. FOUNTAIN PEN. JULIAN H. MURDOCK, Boston, Mass., assignor to Pollock Pen Company, South Boston, Mass., a Corporation of Delaware. Filed Apr. 26, 1924. Serial No. 709,081. 5 Claims. (Cl. 120—42.)

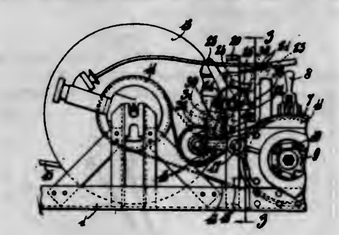
1. In a fountain pen, the combination with a barrel, of an ink feed inserted in one end of said barrel, a cartridge, having a puncturable seal screw threaded immedi-

ately adjacent said seal and insertable in the barrel, said ink feed being provided on its inner end with a puncturing point adapted to puncture the cartridge seal and project slightly into said cartridge beyond the seal, a



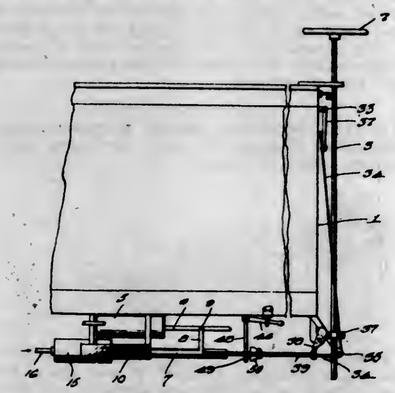
sleeve seal insertable into said barrel from the ink feed end thereof and surrounding the inner end of said ink feed, said sleeve seal having a screw threaded inner end adapted to engage the screw threaded portion of the cartridge.

1,574,920. MINING APPARATUS. RICHARD E. MURPHY, California, Pa., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed May 11, 1922. Serial No. 560,122. 6 Claims. (Cl. 242—91.)



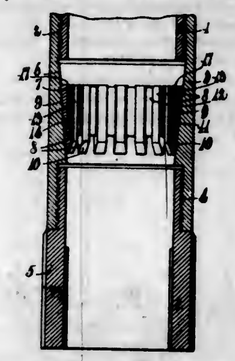
1. In combination, a mining apparatus having an electric cable reel, driving means for said reel including a flexible connection, a cable support adjacent said reel, and tensioning means for said connection carried by said support.

1,574,921. BRAKE LOCK FOR RAILWAY CARS. HERBERT W. NELSON, Buhl, Minn. Filed Mar. 14, 1925. Serial No. 15,538. 3 Claims. (Cl. 303—89.)



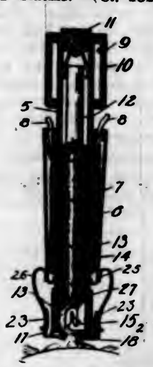
1. A device of the class described comprising a rack bar connected with the brake mechanism of the car, means cooperating with said bar normally adapted upon the movement of the brake mechanism toward set position to hold said bar and brake mechanism to prevent release of the brakes, pressure operated means adapted to control the rack bar locking means under predetermined conditions, and manually operated means for controlling said rack bar locking means independently of said pressure operated means.

1,574,922. CORE DRILL. SVEN T. NELSON, Michigan City, Ind., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed May 5, 1924. Serial No. 710,966. 14 Claims. (Cl. 255—72.)



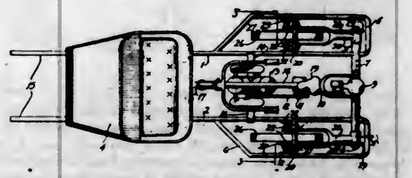
1. A core lifter comprising spaced wedge shaped members each having a recess formed therein between the inner and outer walls thereof, and spring means seated in said recesses and connecting said members.

1,574,923. HAIR-WAVING DEVICE. CHARLES G. NESSLER, New York, N. Y. Filed Sept. 22, 1922. Serial No. 589,745. 12 Claims. (Cl. 132—36.)



1. In hair waving apparatus including a tubular strand-heating device, a gate member adapted to occupy a position in partial closing relation to the end of the tube when in operative position, and spring means carried by the heating device and arranged to engage and hold the gate member in tube closing position.

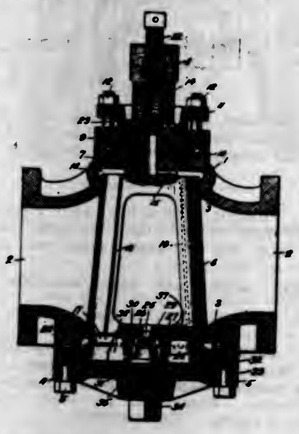
1,574,924. MOTOR SLED. KARL JOHAN ENGELBERT NILSON, Detroit, Mich. Filed Feb. 9, 1923. Serial No. 618,017. 9 Claims. (Cl. 180—6.)



1. A self-propelled sled comprising in combination with the runners thereof, a frame supported by the runners of the sled, said frame including fixed main and auxiliary

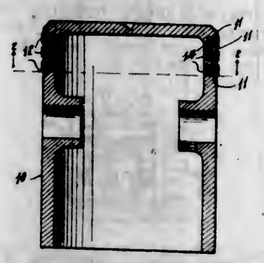
side members spaced to form respectively central and lateral looped portions constituting closed gaps, traction wheels carried by the frame and disposed in said lateral looped portions, a motor sustained by and located intermediate of the main members and above the plane of said central loop portion, a power transmitting medium mounted on the frame and arranged in rear of said motor and wheels, and means having driving connection with the motor, the power transmitting medium and said wheels for conveying motion to the latter.

1,574,925. VALVE. SVEN JOHAN NORDSTROM, Saratoga, Calif., assignor to Merco Nordstrom Valve Company, San Francisco, Calif., a Corporation of Delaware. Filed Aug. 12, 1925. Serial No. 49,697. 6 Claims. (Cl. 251—93.)



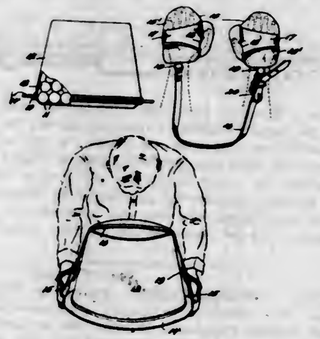
2. A valve comprising, a casing having a passageway therethrough and a tapered valve seat formed transversely of the passageway, a cover secured to the casing for closing the larger end of the valve seat, a tapered plug seated in the valve seat and having a hole adapted to register with the passageway, a metallic disk interposed between the cover and the casing, an anti-friction bearing between the larger end of the plug and the metallic disk, and means for resiliently forcing the metallic disk against the anti-friction bearing and the latter against the plug.

1,574,926. PISTON RING. ERNEST C. NORTON, Moline, Ill. Filed Dec. 11, 1924. Serial No. 755,227. 1 Claim. (Cl. 74—109.)



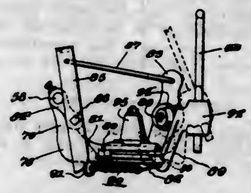
In combination with a piston having a peripheral groove for a ring, a ring disposed in said groove comprising a plurality of sections having their meeting ends lapped and their inner walls straight and unobstructed from top to bottom, and a spring wire coiled upon itself a plurality of times to provide an expansive body disposed between said wall and the inner wall of the groove and directly engaging the top and bottom walls of the groove.

1,574,927. PACKER'S MITT. JULIUS H. OTTO, Macon, Ga. Filed July 14, 1925. Serial No. 43,651. 4 Claims. (Cl. 226—17.)



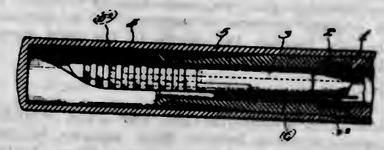
1. A packer's implement comprising two members adapted to be secured to or carried by the hands of the operator, and a connecting element, for the purpose set forth.

1,574,928. LINE-WIRE GUIDE FOR CHECKROW PLANTERS. JAMES W. PARKER, Chicago, Ill. Original application filed June 29, 1921, Serial No. 481,391. Divided and this application filed Jan. 23, 1922. Serial No. 531,256. 1 Claim. (Cl. 111—48.)



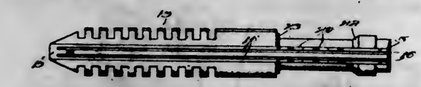
In a planter, the combination with a bracket having a bearing, of a periodically operated shaft carried by the bearing and having a crank, a yoke shaped lever connected intermediate its ends to said crank and adapted to be engaged by the knots on a wire, a plate horizontally hinged to said bracket and having a guide roller for the wire, a standard carried by said bracket, a latch pivoted to said standard and having means to engage said plate, to normally hold the same in position to and a link connecting the upper portion of said lever with said standard.

1,574,929. FOUNTAIN PEN. ROBERT T. POLLOCK, Boston, Mass. Filed Apr. 1, 1922, Serial No. 548,687. Renewed May 4, 1925. 3 Claims. (Cl. 120—50.)



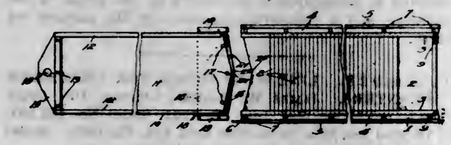
1. In a fountain pen, the combination with a pen barrel containing the ink supply, of a pen mounted therein, an ink feed communicating between the ink supply and the pen point, said ink feed comprising a member having a closed rifled duct extending longitudinally its length and adapted to deliver the ink from the ink supply substantially at the writing point of the pen.

1,574,930. FOUNTAIN PEN. ROBERT T. POLLOCK, Boston, Mass. Filed Apr. 18, 1924. Serial No. 707,444. 5 Claims. (Cl. 120—50.)



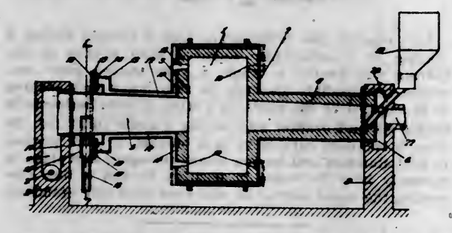
1. In a fountain pen, the combination with a barrel, of an ink supply therein, a feed bar having its inner end communicating with the ink supply, a nib mounted on the feed bar, said feed bar being longitudinally channeled throughout its entire length on the surface immediately below the nib, a channeled auxiliary feed element mounted in said longitudinal channel and insertable or removable therefrom without removing the feed bar from the barrel.

1,574,931. VISIBLE INDEX. FRANK D. POWELL, Chicago, Ill., assignor, by mesne assignments, to Acme Card System Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 22, 1923. Serial No. 669,941. 5 Claims. (Cl. 40—64.)



1. In a visible index, the combination with a holder having a plurality of movable index members, of an auxiliary holder adapted to be connected to the first-mentioned holder, and means for simultaneously transferring a plurality of the index members from one holder to the other.

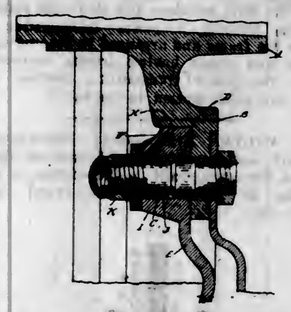
1,574,932. ROTARY FURNACE. ADAM HELMER PEHRSON, Stockholm, Sweden. Filed Aug. 8, 1922. Serial No. 580,476. 5 Claims. (Cl. 266—10.)



1. A rotary or oscillatory furnace consisting in the combination of three chambers one of which constitutes the main furnace chamber and the other two constitute integral coaxial tubular extensions therefrom having a smaller diameter than the main furnace chamber, and means whereby aeriform or gaseous fluid is introduced continuously through the charge in the main furnace chamber during its rotation or oscillation.

1,574,933. SECURING DEVICE FOR DISK WHEELS. ALDEN L. PUTNAM, Detroit, Mich., assignor, by mesne assignments, of one-half to Motor Wheel Corporation, Lansing, Mich., a Corporation of Michigan, and one-half to The Midland Steel Products Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 27, 1919. Serial No. 333,860. 4 Claims. (Cl. 301—9.)

1. In a wheel, the combination with a member having a stud projecting therefrom having a reduced outer portion, of a member mounted on said first-mentioned member having an apertured portion for engaging said stud provided with a bearing engaged by the inner portion of the stud and having a clearance from the reduced outer



portion of the same, and a bushing for filling the clearance between said stud and apertured member detachably engaging said member to extend the length of bearing.

1,574,934. PHENOLPHTHALEIN AND PROCESS OF MAKING THE SAME. EARL B. PUTT, New York, N. Y. Filed July 10, 1925. Serial No. 42,832. 5 Claims. (Cl. 260—65.)

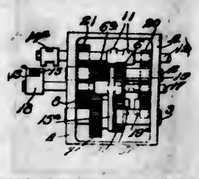
1. A bulky, substantially white, amorphous phenolphthalein.

1,574,935. PRESSURE STILL FOR OIL REFINING. DANIEL PYZEL, Piedmont, Calif., assignor to Simplex Refining Company, San Francisco, Calif., a Corporation of California. Filed Mar. 13, 1922. Serial No. 543,508. 6 Claims. (Cl. 196—137.)



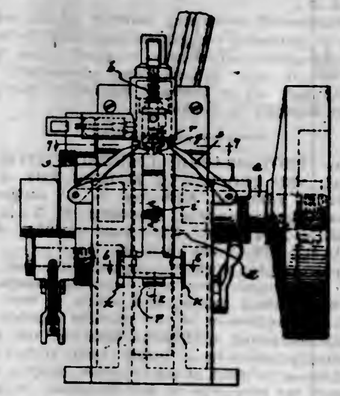
2. In a still, the combination of: a furnace; a container in said furnace; and an indicating thermometer embedded in but projecting through only one surface of the wall of said container.

1,574,936. CHANGE-SPEED GEARING FOR MOTOR ROAD VEHICLES. JAMES RHODES, Bradford, England. Filed Aug. 19, 1922. Serial No. 583,016. 2 Claims. (Cl. 74—39.)



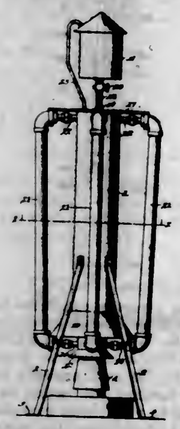
1. Change speed gearing, comprising splined shafts, wheels mounted to slide thereon and to transmit motion thereto, operating forks engaging with said wheels, a hand lever, two sliding bars carrying said operating forks, grooved blocks fixed upon said bars, the groove in one block being formed to receive and be always in engagement with the hand lever while the groove in the other block is arranged so that the operating lever may be disengaged therefrom, for the purpose described.

1,574,937. BUTTON-ATTACHING MACHINE. FREDERICK N. ROSS, Detroit, Mich., assignor to The Button Attaching Machine Company, Waterbury, Conn., a Corporation of Connecticut. Filed Feb. 14, 1925. Serial No. 9,068. 5 Claims. (Cl. 218—4.)



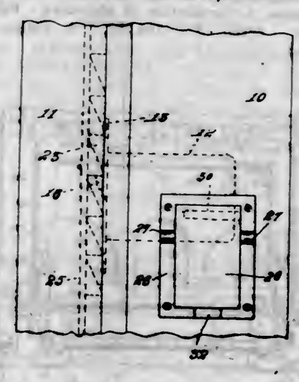
5. In a button attaching machine, the combination of a support, attaching mechanism, button supporting means including a button plunger provided with a button seat movable with respect to the support, button feeding mechanism, means for moving the button plunger to position a button in cooperative relation with the attaching mechanism, and a single finger hinged to said support and provided with means for guiding the button from the feeding mechanism to the button seat, but retractable upon the moving of the button plunger.

1,574,938. PORTABLE STEAM HEATER. JOHN W. RUDDER, Montgomery, Ala. Filed July 20, 1925. Serial No. 44,829. 7 Claims. (Cl. 237—17.)



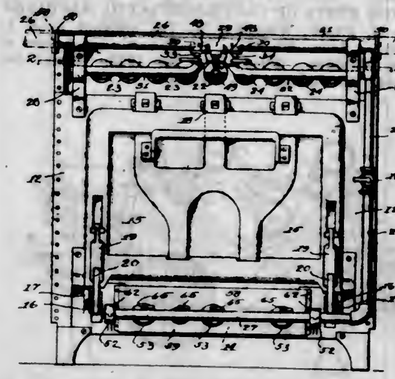
1. A portable heater of the character described, comprising a vertically elongated body interiorly divided into a lower steam-generating chamber and an upper steam-receiving chamber, means for supporting said body above a source of heat, a reservoir positioned at the upper end of the body, a water supply pipe connecting the reservoir with the steam generating chamber, a radiator pipe outside the body connecting the steam-generating and receiving chambers of the body, and a conduit connecting the steam-receiving chamber with the reservoir.

1,574,939. WINDOW-SASH LOCK. ARTHUR E. SCHAMP, Milwaukee, Wis. Filed June 5, 1925. Serial No. 35,132. 1 Claim. (Cl. 292—178.)



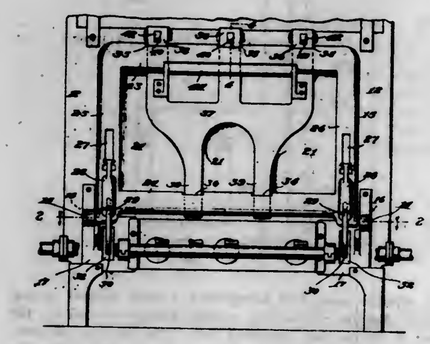
A window sash lock comprising a sash carried casing, a bolt slidable within the casing, means carried by the window frame for engaging with the bolt, a substantially rectangular plate secured to the bolt within the casing and engaging the latter to prevent rotary movement of the bolt and plate, means to yieldingly force the bolt to engage the frame carried means, a pivotally mounted actuating member carried by the sash, a finger carried by the actuating member and extending into the casing and an extension provided upon the bolt carried plate, said extension being located in the path of the finger when the actuating plate is moved pivotally to retract the bolt.

1,574,940. GAS RANGE. WILLIAM ELBERT SEXTON, Baltimore, Md., assignor, by mesne assignments, to The Baltimore Trust Company, trustee, a Corporation of Maryland. Filed Apr. 11, 1924. Serial No. 705,766. 9 Claims. (Cl. 126—39.)



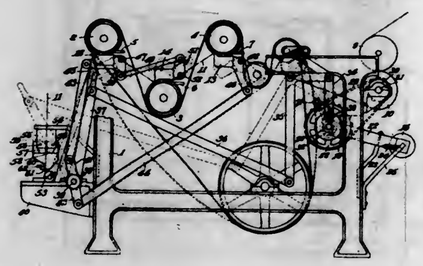
1. In a gas range the combination with a plurality of top burners arranged in groups, of a plurality of bottom burners, a lower main for supplying gas to the lower burners, an upper main, a pipe connecting said lower and upper mains and maintaining communication between the two, a branch from the upper main to one group of top burners a separate branch from the upper main to another group of top burners, said branches being independent of the pipe that connects the lower and upper mains, and separate valves between the upper main and said branches for controlling the flow of gas from said upper main to said branches.

1,574,941. DOOR MECHANISM FOR RANGES. WILLIAM ELBERT SEXTON, Baltimore, Md., assignor, by mesne assignments, to The Baltimore Trust Company, trustee, a Corporation of Maryland. Filed Apr. 11, 1924. Serial No. 705,767. 2 Claims. (Cl. 126—191.)



1. The combination with a range-front having a door-opening and also having vertical slots below the opposite lower corners of said door-opening, a door for said opening, means at the lower part of the door for pivotally sustaining the latter, a lever extending through each of said slots and having a weighted inner end and an up-turned outer end which up-turned outer end extends over the door pivot and seats against the outer side of the said door and a link having one end pivotally attached to the said up-turned outer end of the lever and the other end of the link having a sliding connection with the door.

1,574,942. RETRACTING MECHANISM FOR THE CLOTH RESTS OF CLOTH-SURFACING MACHINES. ROY M. SHARP, Wheeling, W. Va., assignor to J. L. Stifel & Sons, Wheeling, W. Va., a Corporation of West Virginia. Filed July 23, 1925. Serial No. 45,644. 10 Claims. (Cl. 26—17.)



1. In a cloth surfacing machine, the combination with shearing elements, and rests normally disposed in cloth-presenting relation to said elements, of a constantly rotated member, a normally idle rotatable member, connections between said rotatable member and said cloth rests whereby rotation of the former actuates movement of the latter from cloth presenting position, and means controlled by abnormal thicknesses of the advancing cloth whereby said rotatable member is automatically shifted into driven relation to said rotated member.

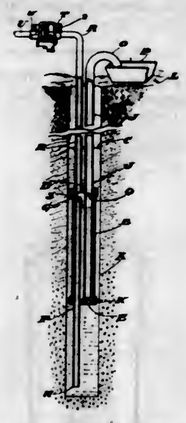
1,574,943. ART OF LIGHT-SENSITIVE PHOTOGRAPHIC MATERIALS. SAMUEL E. SHEPPARD, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed June 6, 1924. Serial No. 718,410. 75 Claims. (Cl. 95—7.)

1. A biochemical sensitizing material which has the property of increasing the general light-sensitiveness of photographic gelatino-silver-halid emulsions when incorporated therein, said material being substantially free from that part of its normally associated substances which are insoluble in alcohol.

1,574,944. PHOTOGRAPHIC LIGHT-SENSITIVE MATERIAL AND PROCESS OF MAKING THE SAME. SAMUEL E. SHEPPARD, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed June 6, 1924. Serial No. 718,411. 75 Claims. (Cl. 95—7.)

1. A photographic emulsion comprising a colloid, particles of photographic silver salt suspended therein, and an added compound therein upon which at least part of the light-sensitiveness of the emulsion depends, said compound containing a divalent atom of the sulfur group directly joined by a double bond to a single metalloid atom, to which at least another group of atoms is attached, the proportion of said compound being substantially independent of the proportion of said colloid.

1,574,945. FLUID-PRESSURE PUMPING APPARATUS. FRED M. SLATER, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Aug. 20, 1925. Serial No. 51,362. 2 Claims. (Cl. 103—232.)

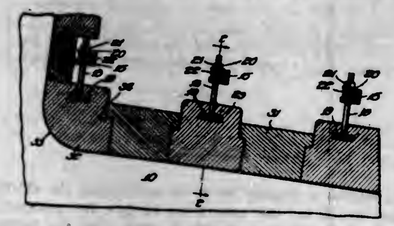


1. Fluid pressure pumping apparatus for automatically discharging liquid from a well in accordance with the rise of liquid in the well, comprising a casing located in the well into which the liquid is permitted to enter, means controlled by the back pressure in the casing for automatically discharging the casing by main pressure fluid, said discharging mechanism including a main valve, an auxiliary valve controlling the main valve, and a back pressure valve controlling the auxiliary valve.

1,574,946. HANGING-ARCH CONSTRUCTION. ENOCH P. STEVENS, Chicago, Ill.; Mary Ann Stevens executrix of said Enoch P. Stevens, deceased. Filed Dec. 19, 1919, Serial No. 346,155. Renewed July 6, 1923. 13 Claims. (Cl. 110—95.)

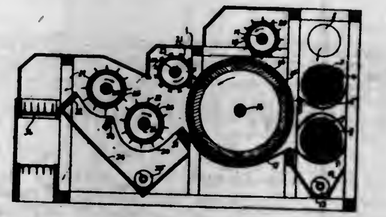
1. In an arch construction, a series of hangers, a row of bricks extending in the direction of the series of

hangers and in substantially balanced suspension beneath the same, said bricks having recesses and said hangers having engaging heads and the head of each hanger in engagement with a group of the bricks in the



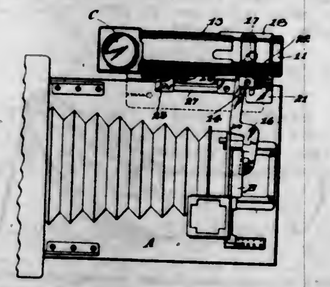
row, and an adjacent row of bricks supported on said hanger-supported bricks; a brick in a group supported by a hanger being removable in a direction transverse to its row, into a space left by removal of a brick in said adjacent row.

1,574,947. COMBINED HULLER AND CLEANER FOR COTTON GINS. JOHN ARNOLD STREUN, Sherman, Tex. Filed Mar. 16, 1925. Serial No. 15,790. 6 Claims. (Cl. 19—67.)



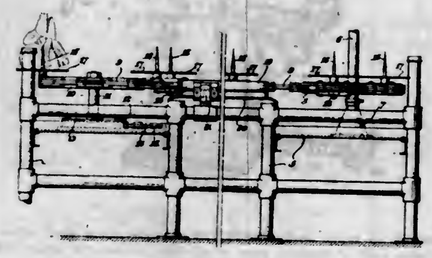
6. In a device of the character described, a housing having a cotton receiving opening at one side thereof, a saw cylinder rotatable therein, means to receive cotton at one end of said cylinder and move it longitudinally of said cylinder and back again, means to prevent the hulls from passing said cylinder with said cotton, a brush roll, and a plurality of picker cylinders arranged to receive cotton from said brush roll and to eliminate the dirt from the cotton and discharge said cotton from said housing.

1,574,948. MEANS FOR CLAMPING FOCUSING DEVICES TO CAMERAS. FRANK TORKA, Port Townsend, Wash. Filed May 12, 1923. Serial No. 638,553. 4 Claims. (Cl. 95—44.)



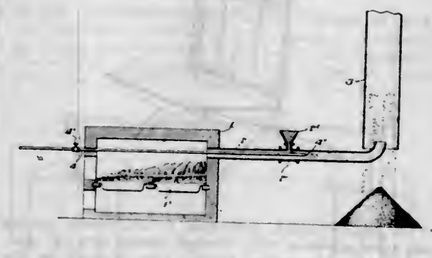
1. In combination, a guide member, a clamping jaw slidable in said member, a laterally projecting shelf toward which said jaw is movable to clamp the flat object thereagainst, a cam lever mounted on the jaw and laterally extending abutment on said guide against which the cam reacts to move the jaw toward the shelf.

1,574,949. METHOD OF AND MACHINE FOR TRIMMING ANIMAL HEADS. CHARLES H. VOGT, Philadelphia, Pa., assignor of one-third to Frederick A. Vogt and one-third to Gustav L. Vogt. Filed Aug. 28, 1920. Serial No. 406,649. 18 Claims. (Cl. 17—1.)



1. A machine for trimming animal heads comprising a link chain arranged to be moved slowly and continuously in a horizontal plane, means for driving said chain, and a series of impaling spikes individually secured at spaced intervals to links of said chain, said spikes extending vertically upward from said chain and adapted to have animal heads rotatably impaled thereon.

1,574,950. METHOD AND MECHANISM FOR DEHYDRATING MINERALS. WILLIAM R. WADE, Edwards, N. Y., assignor, by mesne assignments, of one-half to New York Zinc Co., Inc., Edwards, N. Y. a Corporation of New York. Filed Mar. 28, 1923. Serial No. 628,185. 7 Claims. (Cl. 34—7.)

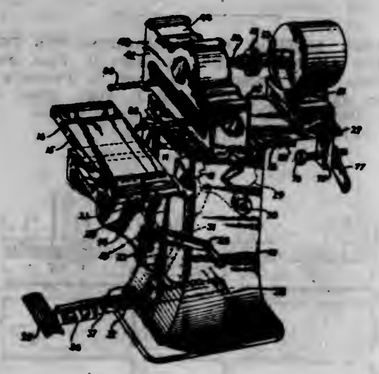


1. The method of dehydrating mineral substances which comprises feeding them into a furnace flue communicating with a combustion chamber and containing hot gases of combustion and delivering a blast of air into said flue.

1,574,951. WOOD-BORING MACHINE. STEFAN WAGNER, Los Angeles, Calif. Filed June 22, 1925. Serial No. 38,652. 5 Claims. (Cl. 144—69.)

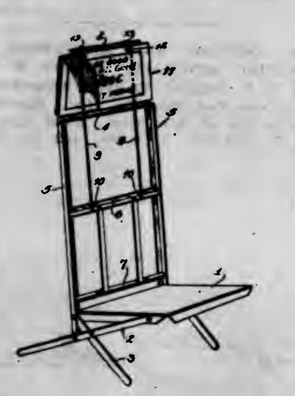
1. In a boring machine, a base having a slide movable thereon, a pair of chucks supported on said slide, a shaft for each chuck, a gear on each of said shafts,

an elongated gear engaging both of said first mentioned gears for simultaneously driving both of said chucks,



means to move said chucks toward and from each other along said elongated gear while said elongated gear and said chuck gears remain in engagement.

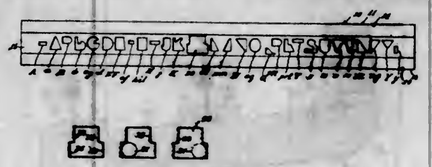
1,574,952. DISPLAY STAND. EDWARD B. WESTON, Dayton, Ohio, assignor to Weston Paper and Mfg. Co., Dayton, Ohio, a Corporation of Ohio. Original application filed Nov. 4, 1924, Serial No. 747,748. Divided and this application filed July 30, 1925. Serial No. 46,963. 2 Claims. (Cl. 40—102.)



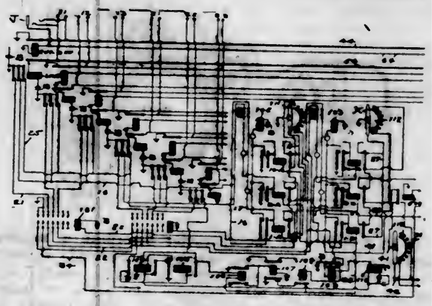
1. A display stand, including a back frame having cross bars provided with vertical alined sets of openings, and an extension having rods slidable in the openings, one of the bars having sockets adjacent the openings for engagement by the ends of the rods when free from the openings to support the extension, in extended position.

1,574,953. LETTERING-GUIDE STENCIL. EDWIN C. WOOD, Boise, Idaho, assignor of one-fourth to William Vallentine Regan, Boise, Idaho. Filed Aug. 30, 1922. Serial No. 585,261. 4 Claims. (Cl. 33—174).

1. A stencil having cuts therethrough for forming letters or characters upon an underlying surface by marking means cooperating with the cuts, some of the cuts being designed for forming complete letters or characters and others of the cuts being designed as complemental parts for forming complete letters or characters, the stencil being provided with a spacing opening adapted to receive a spacing block for controlling the shifting of the stencil on the underlying surface for positioning the complemental cuts relative to each other for forming complete letters or characters.

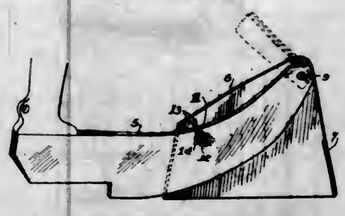


1,574,954. TELEPHONE-EXCHANGE SYSTEM. JOSEPH L. WRIGHT, Cleveland, Ohio, assignor of one-half to Puget Sound Telephone Company, Everett, Wash., and one-half to Western Electric Company, Incorporated, New York, N. Y., a Corporation. Filed June 6, 1921. Serial No. 475,224. 6 Claims. (Cl. 179—27.)



2. In a telephone exchange system, the combination of two exchanges, operators' cord circuits at each exchange, trunk lines extending between said exchanges, primary and secondary relay switching means for extending calls to an operator's cord circuit at each exchange, primary and secondary means used at one exchange and secondary means alone at another exchange when calls are extended over said trunk lines.

1,574,955. CORN PLANTER. GEORGE M. YACKLEY, Avoca, Minn. Filed June 15, 1925. Serial No. 37,248. 2 Claims. (Cl. 97—225.)



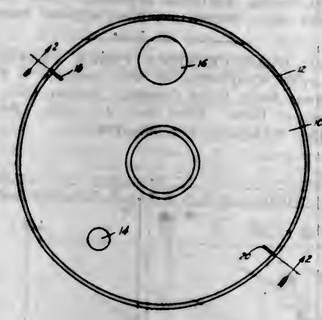
1. In a corn planter, a shoe having an aperture near its front end, a pivot therein, a deflector extending downwardly in the path of travel of the shoe and comprising a plate having apertures to receive the pivot, whereby the deflector is oscillatably connected to the shoe, the said deflector having a plurality of apertures near its rear end, said shoe having an open slot in its upper edge forming a seat with relation to which the apertures of the deflector may be adjusted, a friction disk bearing against the side of the shoe at the seat, and means carried by the deflector and lying in the seat of the shoe for engaging the disk and holding it in frictional engagement with the said shoe.

1,574,956. SLIP OR EXPANSION JOINT FOR CONCRETE PIPE. THOMAS DE LA MARE, Tooele, Utah. Filed Mar. 4, 1922. Serial No. 541,059. 14 Claims. (Cl. 72—58.)



1. A concrete pipe comprising a slip joint having sections embedded in the inner face of the concrete with portions extending radially to the outer face of the concrete, and other portions having parallel coacting surfaces permitting appreciable movement longitudinally.

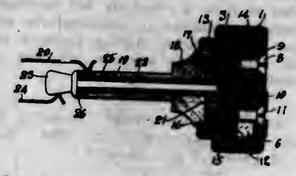
1,574,957. BRAKE. ADIEL Y. DODGE, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 17, 1925. Serial No. 50,658. 2 Claims. (Cl. 188—2.)



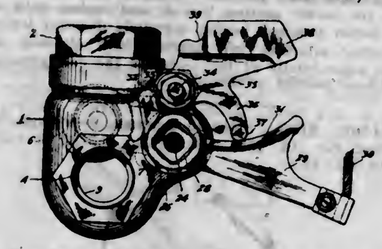
1. A backing plate for a brake constructed to be clamped by an anchor and by brake-applying means and radially slotted between the positions of the anchor and said means to prevent vibrations causing drumming.

1,574,958. RADIO APPARATUS. CHARLES W. DENNY, WILLIAM E. MCLAUGHLIN, and GEORGE HELWIG, Middletown, Ohio, assignors to The Barkelew Electric Manufacturing Company, Middletown, Ohio, a Corporation of Ohio. Filed Aug. 12, 1923. Serial No. 657,174. 4 Claims. (Cl. 173—324).

1. In a radio attachment for phone tips, a cup-shaped member for receiving phone tips, means in said cup-shaped member for retaining said tips in position, a second cup-shaped member mounted in the first, and means engaging both of said cup-shaped members for retaining them in engagement with one another, and means connecting said retaining means with said phone tips in circuit.

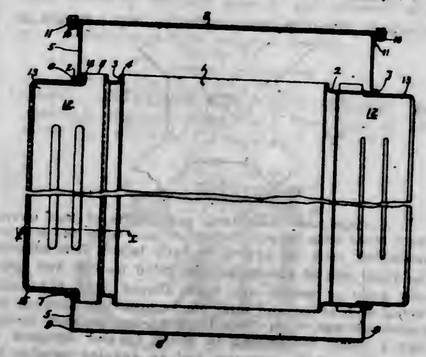


1,574,959. VALVE-MECHANISM CONTROL. JOSEPH W. DEARING, Cleveland, Ohio, assignor, by mesne assignments, to Springfield Lumber Company, Springfield, Ill., a Corporation of Illinois. Filed June 21, 1922. Serial No. 569,822. 6 Claims. (Cl. 251—18.)



1. A valve mechanism control comprising the combination of a valve casing, a valve operating element adapted to turn therein, a double-armed member operatively connected with said element, and a weight movably connected with said casing, said weight adapted during movements of the parts from open to closed position to engage one arm of said member and thereby yieldingly hold the valve open until carried upwardly to its dead center position and thereafter adapted to fall upon the other arm of said member and thereby lock the valve against opening movement.

1,574,960. TRANSFORMER TANK. WALTER M. DANN and ALBERT T. CHADWICK, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 30, 1920. Serial No. 434,019. 7 Claims. (Cl. 257—191.)



5. A cooling system comprising a receptacle having enlargements at each of the ends thereof, a plurality of cooling elements disposed between said enlargements and

communicating therewith, said elements comprising a plurality of complementary members of dish-shape having extensions at each end thereof and adapted to be secured together to form a relatively flat envelope having tubular extensions adapted to communicate with said enlargements, said elements having portions extending beyond said enlargements whereby air may circulate freely therebetween.

1,574,961. CHAIN CONNECTER. SIGMUND FISCHER, Providence, R. I. Filed Feb. 12, 1924. Serial No. 692,246. 4 Claims. (Cl. 24—218.)



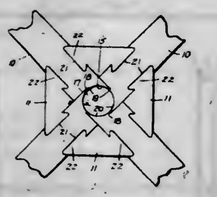
1. A chain connecter comprising a socket member having a stud gripping spring mounted therein, a stud member superimposed upon the socket member and having an enlarged head portion to snap through said spring into the socket portion beyond said spring, said stud and socket members having oppositely disposed laterally extending attaching eye members both disposed in a plane substantially at the center of the enlargement of said head portion of the stud.

1,574,962. RING. SIGMUND FISCHER, Providence, R. I. Filed Feb. 16, 1925. Serial No. 9,518. 2 Claims. (Cl. 63—16.)



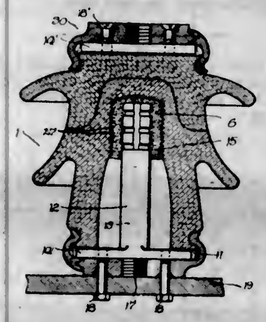
1. A separable ring comprising a band for encircling the finger, the end portions of the band being provided with cooperating snap fastenings for separably connecting them together, and a pocket formed in one of the fastening members for the reception of perfumed material.

1,574,963. CHAIR BASE. THOMAS W. FOOTE, Cleveland, Ohio. Filed July 6, 1925. Serial No. 41,579. 3 Claims. (Cl. 155—138.)



1. A chair base comprising a plurality of legs having their inner ends shaped to form a bore when the legs are assembled, each leg having on each lateral face adjacent the inner end of the leg an elongated mortise two opposite walls of which are hook shaped with the hooks facing each other, and filler blocks insertible between the assembled legs, each filler block having on each lateral face a tenon conforming in shape to and designed to engage one of the mortises and an angular member intermediate the tenons designed to project into the angular space between the inner ends of the side walls of the legs.

1,574,964. INSULATION EQUIPMENT. FRANK E. GETTS, deceased, late of Chicago, Ill., by Eva J. Getts, administratrix, Chicago, Ill., assignor to Electrical Engineers Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 21, 1918. Serial No. 255,184. 31 Claims. (Cl. 173—321.)



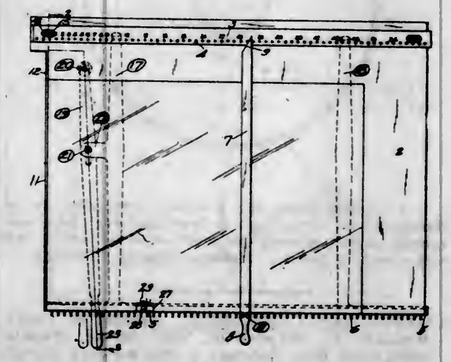
6. In combination, an insulator, a clamp engaging with said insulator, and a pin carried by said clamp engaging in a socket in said insulator.

15. In an insulator clamp for clamping over a bead on the end of an insulator, a first circumferential member lying above the bead, a second circumferential member lying below the bead, both members engaging said bead, said members being divided into two co-extensive segments having integral lugs for bolting the segments together, a bolt for each member in each lug, and operating means carried by the first member for providing a supporting surface.

17. In combination, an insulator, a supporting pin for said insulator, and a laterally extending arm on said pin adapted to engage in a cooperating depression in said insulator to reinforce the insulator.

30. A petticoat insulator having under cut skirt portions and having duplicate grooves at both ends for engagement with interchangeable clamping means.

1,574,965. GLASS-CUTTER'S TABLE. LAWRENCE A. GROLEMUND, Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 12, 1923. Serial No. 674,142. 6 Claims. (Cl. 33—180.)

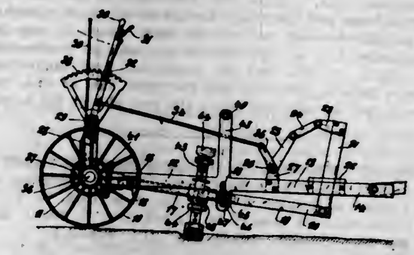


1. A glass cutter's table, comprising a plane sheet supporting member, a pair of parallel measuring bars movably mounted in the member adjacent opposite edges thereof, and means for simultaneously adjusting the bars.

1,574,966. OSMIUM ALLOY. ERNST HAAGN, Hanau-on-the-Main, Germany, assignor to the Firm W. C. Heraeus G. m. b. H., Hanau-on-the-Main, Germany, a Society of Germany. Filed Mar. 29, 1921. Serial No. 456,757. 8 Claims. (Cl. 75—1.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)

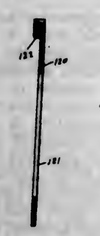
1. An alloy non-fibrous and of greater hardness than the natural osmium iridium alloy occurring in platinum ore, said alloy being composed of osmium and of two other metals of the platinum group, with the osmium present in a much greater proportion than in the aforesaid natural osmium iridium alloy and the remainder consisting of the two other metals of the platinum group in substantial amounts but one of said other platinum metals in a predominating quantity.

1,574,967. PLANT-TOPPING MACHINE. FRANK HAJOSI, Victoria, Tex. Filed June 3, 1925. Serial No. 34,688. 2 Claims. (Cl. 97—15.)



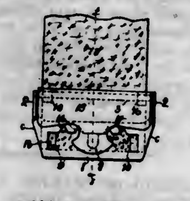
1. A plant topping implement comprising a frame having an axle and a pair of wheels at the rear, an inner frame pivoted within the first frame at a point in advance of the axle, means for adjusting the relative height of said frames, said means retaining their adjustments, means for guiding and limiting the movement of said inner frame; a shaft journalled lengthwise in the inner frame, a bevel gear fixed on said shaft, a mating gear keyed to slide on said axle, means to engage and disengage said gears, and a cutter head on said shaft having angularly disposed peripheral blades.

1,574,968. REENFORCED-FIBER DUST GUARD FOR AXLE BEARINGS. WILLIAM D. HAMERSTADT, Indianapolis, Ind. Filed Mar. 2, 1925. Serial No. 12,695. 1 Claim. (Cl. 286—6.)



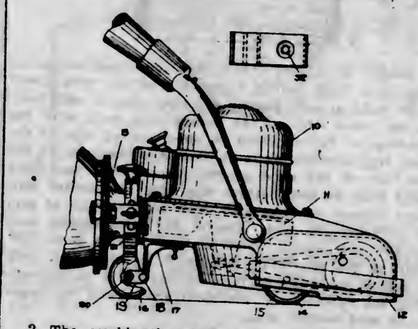
A dust guard for truck axle journals, comprising a single ply of relatively rigid homogeneous fibrous sheet body centrally apertured for axle reception and having a top edge and sides, and a sealing strip integral therewith extending substantially across the sheet top from one side to the other thereof, and comprising a laterally projecting portion, a lateral extension thereof in spaced relation to the body, and another extension thereof lying parallel to the body and the lateral extension therebetween.

1,574,969. BUCKLE. WILLIAM E. HATHEWAY, Bridgeport, Conn. Filed Aug. 21, 1924. Serial No. 733,278. 2 Claims. (Cl. 24—191.)



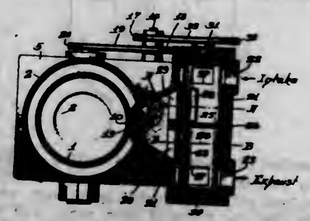
1. An integral webbing holding sheet metal buckle frame comprising a floor, upturned ear and a lever supporting bar in spaced relation with the floor to form a slot, said floor having elongated webbing clamping sections pierced therefrom, said sections adapted to be temporarily offset from the floor to form a stop for the end of webbing, said sections having teeth formed on their inner edges and disposed therefrom toward the floor to form retaining claws for the webbing.

1,574,970. SUCTION SWEEPER. HENRY C. HETTELSATER, Canton, Ohio, assignor to The Hoover Company, a Corporation of Ohio. Filed Feb. 3, 1923. Serial No. 616,658. 4 Claims. (Cl. 15—16.)



2. The combination with a suction cleaner, having a nozzle of means for adjusting the nozzle height comprising a pivoted support member, an adjusting strap secured thereto, a second pivotally mounted member, adjusting means connecting said adjusting strap and said second pivotally mounted member and separate means for securing said adjusting strap and said second pivotally mounted means in adjusted position.

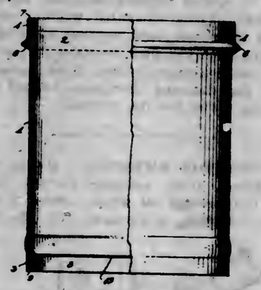
1,574,971. INTERNAL-COMBUSTION ENGINE. GEZA HORVATH, Highland Park, Mich. Filed May 31, 1921. Serial No. 473,795. 1 Claim. (Cl. 123—79.)



In an internal combustion engine, a cylinder having a combustion chamber, an auxiliary chamber in a plane below the combustion chamber of said cylinder and having

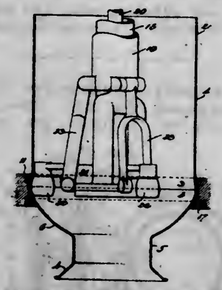
a passage to said combustion chamber, a tubular valve body of substantial length having intake and exhaust ports adjacent its ends and the ports from said auxiliary chamber intermediate its ends, all of said ports being in the same horizontal plane as said auxiliary chamber, and said auxiliary chamber having walls diverging from said passage towards said valve body so that the intermediate ports may both open into said chamber, and a pair of axially and integrally alined rotary valves in said valve body controlling the passage of fuel and burned gases to and from said auxiliary chamber through the ports of said valve body.

1,574,972. METHOD OF MAKING ICE-CREAM CONTAINERS. GEZA HORVATH, Detroit, Mich. Filed Nov. 23, 1922. Serial No. 602,713. 1 Claim. (Cl. 113—116.)



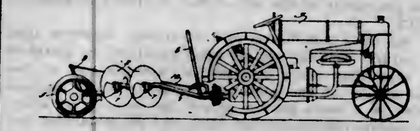
A method of making a container consisting in placing a body in a mold having a groove with the body covering the mold groove, placing a bottom ring in said body with the lower edge of the bottom ring flush with the lower edge of the body and an upper curved edge of the bottom ring terminating in substantially the plane of the lower edge of the mold groove, placing a bottom piece in said body on said bottom ring with an annular wall of said bottom piece parallel with that portion of said body covering the mold groove, and then forcing said body and the annular wall of said bottom piece outwardly at the groove of said mold to cause said body and bottom piece to conform in curvature to approximately the curvature of the mold groove and the upper edge of said bottom ring.

1,574,973. METHOD OF MAKING CONTAINERS. GEZA HORVATH, Detroit, Mich. Filed Nov. 23, 1922. Serial No. 602,714. 7 Claims. (Cl. 113—116.)



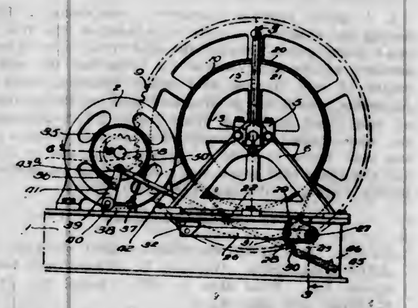
1. A method of assembling and uniting can parts, consisting in placing said parts in superposed abutting relation to form an uninterrupted inner wall, with a ring about the abutting edges of such parts, and then subjecting such parts to an internal pressure to anchor said parts in said ring and form an uninterrupted smooth interior can wall.

1,574,974. DISK PLOW. OTIS W. HOWARD, Moline, Ill., assignor, by mesne assignments, to Moline Implement Company, a Corporation of Illinois. Filed Sept. 16, 1922. Serial No. 588,702. 2 Claims. (Cl. 97—47.)



2. A frameless disk plow having a single beam carrying plowing disks, said beam being bent at an angle and having the disks on one of the arms of the angle, connecting means for connecting the front end of the beam to the draw bar of a tractor so that the beam may be supported directly by the tractor, said means including pivotal connections which permit the beam to move relative to the tractor about both a vertical and a horizontal axis, a crank axle journalled to the rear end of the beam and carrying a ground wheel, a lever mounted at the forward end of the beam where it may be manipulated by an operator on the seat of the tractor to which a plow may be connected, and connecting means between the lever and the crank axle to rock the crank axle to raise and lower the rear end of the beam.

1,574,975. BRAKE FOR MOTOR-OPERATED HOISTS. SIDNEY M. HUNN, Woodhaven, N. Y., assignor to Thomas & Buckley Hoisting Co., New York, N. Y., a Corporation of New York. Filed Aug. 5, 1924. Serial No. 730,230. 10 Claims. (Cl. 188—1.)

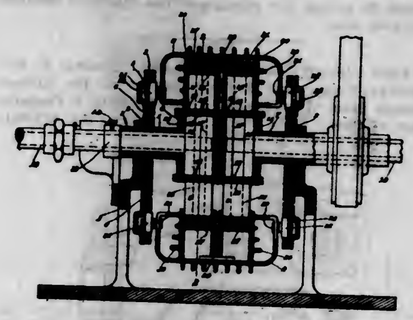


1. In a hoisting apparatus, a motor having a drive shaft, a hoisting cable drum, a driving connection between said drive shaft and the drum, a service brake adapted to be operated to prevent rotation of the drum, an emergency brake adapted to be operated to prevent rotation of the motor drive shaft, and brake operating means adapted to be shifted in one direction to apply the service brake the extent of said shift being limited by the service brake and said operating means being adapted upon a failure of said brake to be shifted further in the same direction and apply the emergency brake and hold the drive shaft against rotation, the said driving connection between the drive shaft and the drum being adapted to hold the drum against rotation when said shaft is held.

1,574,976. ROTARY ENGINE. WALTER M. INGRAM, Baltimore, Md. Filed Sept. 29, 1920. Serial No. 413,659. 6 Claims. (Cl. 103—161.)

1. A rotary engine or pump including a rotating rigid piston member having a plurality of pistons rigidly connected to each other radiating from the axis of rotation

and a suitable bearing therefor, a cylinder co-operating with each piston to reciprocate relatively thereto and a cylinder carrier and pivotal means supporting each said



cylinder on said carrier, and a rotary bearing for said carrier, the carrier rotating about an axis eccentric as to the axis of the piston member.

1,574,977. OUTBOARD-MOTOR MOUNTING. LOUIS J. JOHNSON, Mishawaka, and HARRY L. JOHNSON, Indianapolis, Ind., assignors to Johnson Bros. Engineering Corporation, South Bend, Ind. Filed June 16, 1924. Serial No. 720,817. 20 Claims. (Cl. 115—17.)



1. The combination with the stern of a boat having a recess therein extending entirely through the stern of the boat, of a drive motor mounted in said recess and maintained in relative relation to the boat upon variation of the draft of the boat.

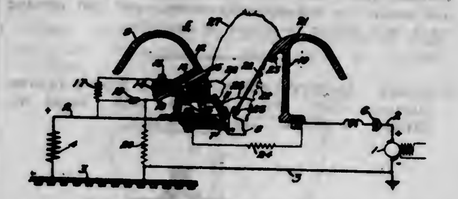
1,574,978. BARREL CLEAT. HENRY KIELBERG, Martins Ferry, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va., a Corporation of Delaware. Filed June 16, 1924. Serial No. 720,249. 3 Claims. (Cl. 217—89.)



2. In a sheet metal barrel cleat, a body of approximately angle-iron form designed for mounting with the edges of its side portions resting upon a barrel head, said side portions being oppositely inclined with respect to the barrel head and provided with nail holes adapted for the guidance of attaching nails into the barrel head in crossing relation.

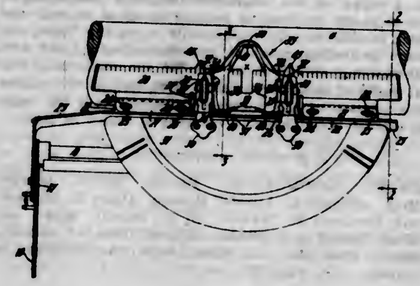
1,574,979. CIRCUIT INTERRUPTER. JOSEPH W. LEGG, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 13, 1920. Serial No. 430,156. 12 Claims. (Cl. 175—294.)

1. The combination with arc-forming terminal members, one of which is formed in two separate spaced parts that have insulation interposed therebetween, of a resistor disposed between the said parts of one terminal



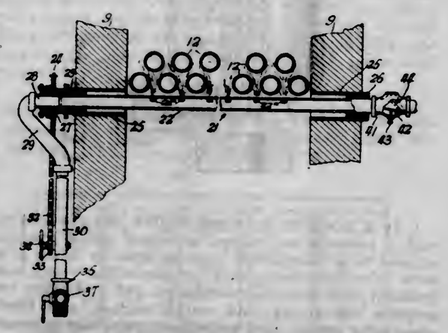
and connected to the other terminal so as to be automatically inserted in circuit with the arc as the arc terminals move along the said terminal members.

1,574,980. TYPEWRITING MACHINE. JOSEPH LINDBURG, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 7, 1924. Serial No. 697,477. 23 Claims. (Cl. 197—135.)



1. In a typewriting machine, the combination with a platen, of a wing-scale adjacent the front thereof, said scale carrying resilient ears arranged to overlie the scale in spaced relation thereto, and pressure means engaging against said resilient ears and yieldingly pressing the scale toward the platen.

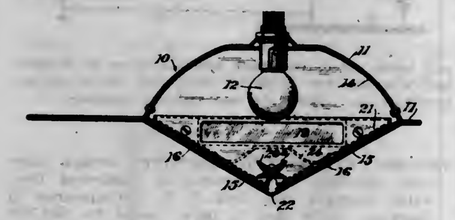
1,574,981. SOOT BLOWER. PAUL LIPPERT and JOHN S. DEAN, Chicago, Ill. Filed June 1, 1925. Serial No. 33,911. 14 Claims. (Cl. 122—392.)



1. A soot blower embodying therein, a blower element having a plurality of discharge orifices therein, and a discharge opening at one end, means for supplying a cooling medium to said element, said orifices and open-

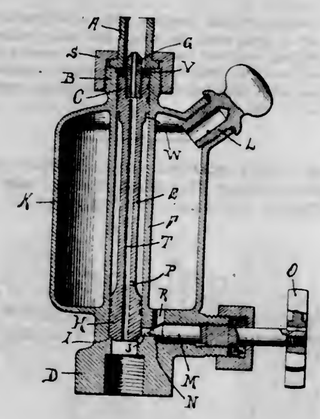
ing being so arranged that a portion of said cooling medium may discharge through said orifices and another portion thereof may discharge through said end opening, and means for automatically closing said end opening when said blower is placed in operation.

1,574,982. SAFETY LIGHT. WALKER BLAINE LISHER, Martinez, Calif. Filed June 11, 1923. Serial No. 644,546. 8 Claims. (Cl. 240—8.26.)



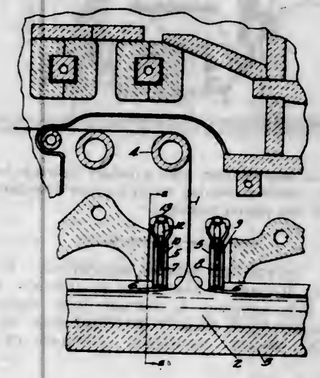
6. A light of the character described comprising a vertical shield or plate, a housing mounted thereon and having a substantially horizontally extending triangular portion projecting from one side thereof and fitted with light-emitting apertures in each of the converging vertical walls of said triangular portion and in the bottom and a portion of the housing projecting from the opposite side of the shield and carrying a source of light.

1,574,983. LUBRICATOR. ELIJAH MCCOY, Detroit, Mich., assignor to Armster Havard, Albert L. Stricker, and Margaret E. Warren, all of Detroit, Mich., and Alma Zienert and William Zienert, both of Jackson, Mich. Filed Mar. 12, 1924. Serial No. 698,607. 4 Claims. (Cl. 184—76.)



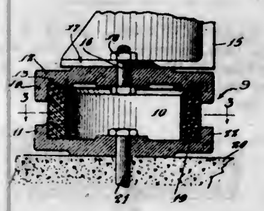
1. In a lubricator for steam engines, the combination with a lubricant cup having a central tubular portion adapted to be connected to a steam boiler by means of a main lubricator and a pipe for conducting steam and lubricant from said main lubricator, and a chamber for graphite surrounding said central portion, said lubricator being formed with an internal valve seat adjacent the lower end of the central tubular portion and with a passage connecting said chamber and the interior of the tubular portion just above the valve seat, a manually adjustable valve to control the effective area of said passage, and a dumb-bell piston valve mounted within said tubular portion and adapted to engage said valve seat, said valve being subject to said boiler pressure at its upper end, said valve having a central longitudinal passage to permit the passage of the lubricant received from said pipe.

1,574,984. DRAWING SHEET GLASS. THOMAS C. MCKINLEY, Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 5, 1923. Serial No. 672,801. 6 Claims. (Cl. 49—17.)



1. A cooler for use in sheet glass drawing apparatus comprising a hollow casing having a plurality of compartments, means for passing air through the compartment closest to the sheet being drawn, and means for passing a cooling fluid through the remaining compartments.

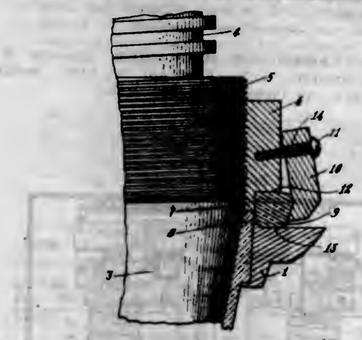
1,574,985. MOUNTING FOR VIBRATING MACHINES. EUGENE E. MCWAIN, Glendale, Calif. Filed July 2, 1924. Serial No. 723,704. 5 Claims. (Cl. 25—41.)



1. In a mounting for supporting a vibrating machine, the combination of a foundation, a block consisting of a hollow body having a substantially vertical peripheral wall composed of a resilient material, and a cap unconnected with the foundation seating on said body and having means for securing the same to the frame of the supported machine.

1,574,986. MOLDING MACHINE. CLIFFORD E. MANSIR, Cambridge, Mass., assignor to A. H. Hews & Co., Incorporated, Cambridge, Mass., a Corporation of Massachusetts. Filed Aug. 21, 1925. Serial No. 51,714. 9 Claims. (Cl. 25—26.)

1. A device of the class described, comprising a hollow mold member, a plunger member, one of said members being movable relatively to the other, a top-forming member movable with said plunger, and a wiper element actuable to remove the material extruded between the



top-forming member and the mold, said wiper element comprising a block of soft material, and means for clamping said block against the top-forming member.

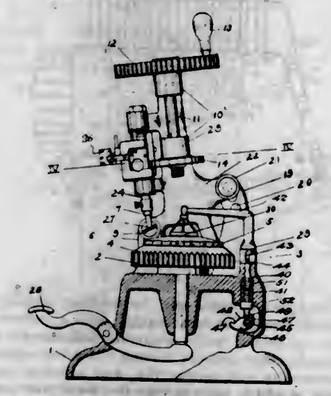
1,574,987. METHOD OF PRODUCING PURIFIED SULPHUR. CARL MARX, Wyoming, Milburn Township, Essex County, N. J., assignor to Union Sulphur Company, a Corporation of New Jersey. Filed Dec. 19, 1922. Serial No. 607,897. 3 Claims. (Cl. 23—227.)

3. A process for the recovery of sulphur from sulphide ores comprising distilling the sulphide ores under a high vacuum to liberate sulphur vapors and condensing such vapors.

1,574,988. METHOD OF PRODUCING PURIFIED SULPHUR FROM IMPURE SULPHUR OR ORES CONTAINING THE SAME IN ELEMENTAL FORM. CARL MARX, Wyoming, Milburn Township, Essex County, N. J., assignor to Union Sulphur Company, a Corporation of New Jersey. Filed Dec. 19, 1922. Serial No. 607,898. 4 Claims. (Cl. 23—227.)

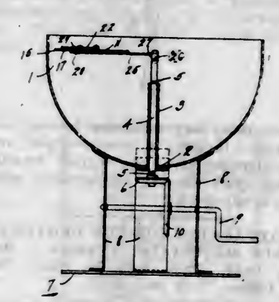
4. A process for the recovery of sulphur from ores containing the same in elemental form comprising distilling the sulphur from the ore under a high vacuum, passing the vapors into a connected vacuum receiver and condensing said vapors.

1,574,989. LENS CUTTER. ALBERT E. MAYNARD, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Oct. 28, 1919. Serial No. 333,990. 11 Claims. (Cl. 33—28.)



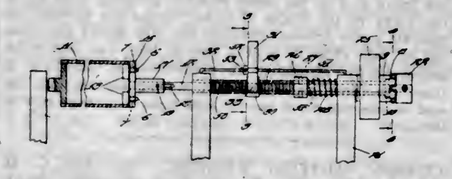
1. In a lens cutter, the combination with a base bearing a lens support, of a slide carried by the base, a cutter head carried by the slide a former and a cutter on the cutter head, having its position controlled by the former, and means for synchronously rotating the former and lens support.

1,574,990. RIDING TOY. HASKELL K. MEACHAM, Lone Oak, Tex. Filed Sept. 8, 1925. Serial No. 54,899. 3 Claims. (Cl. 272—31.)



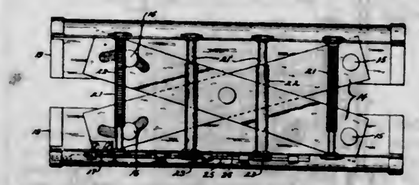
1. A device of the kind described, comprising a basin supported with its open side uppermost; an operating shaft journaled to rotate in the basin; a driving lever pivoted to the operating shaft so as to oscillate vertically within the basin; a riding element including a frame having a medial slot through which it is slidingly attached to the outer end of the driving lever; wheels pivotally attached at the forward and rear ends of the frame and adapted to operatively impinge and travel over the inner surface of the basin as the operating shaft is rotated; and means for causing the said operating shaft to rotate.

1,574,991. MACHINE FOR MAKING FIBER TUBES. CASPER MEHLUM, Waltham, Mass. Filed July 29, 1925. Serial No. 46,920. 8 Claims. (Cl. 93—81.)



6. In a machine for making fiber tubes, a mandrel, a rotary shaft, a disk mounted on one end thereof and rotating therewith, a bearing which supports one end of said mandrel, said mandrel carrying at its other end pins which are adapted to engage with holes in said disk whereby the rotation of said shaft will rotate said mandrel.

1,574,992. LOOSE-LEAF BINDER. HENRY C. MILLER, Milwaukee, Wis. Filed Jan. 18, 1924. Serial No. 687,068. 11 Claims. (Cl. 129—13.)



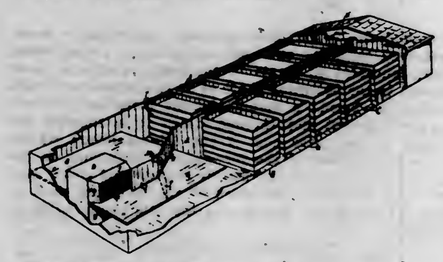
1. In a loose leaf binder, an extensible back, revolvable binding posts and means for simultaneously adjusting said back and revolving said binding posts.

1,574,993. BUS BAR. DOUGLAS F. MINER, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 24, 1920. Serial No. 412,529. 6 Claims. (Cl. 173—13.)



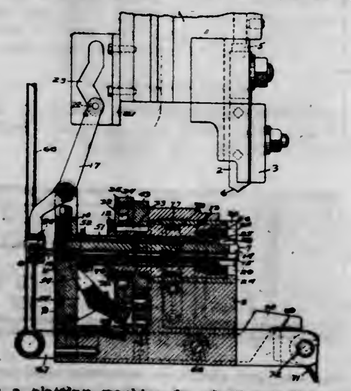
2. A substantially flat conductor having its opposed surfaces concave to form a cross-sectional area corresponding in distribution to the current densities determined by skin effect whereby substantially uniform current density is effected.

1,574,994. APPARATUS FOR THE DEHYDRATION OF VEGETABLE MATERIALS. CHARLES C. MOORE, San Francisco, Calif. Filed Feb. 14, 1925. Serial No. 9,261. 6 Claims. (Cl. 34—39.)



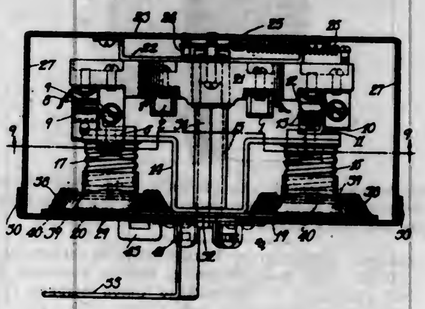
1. In a dehydration apparatus, the combination of a series of ricks of trays containing material to be dried by air that moves continuously through the spaces between the trays and in the same relative direction over all of the trays in the series of ricks, means for moving the said air under pressure through the said spaces and from one of said ricks to a next rick in line, and means for automatically reversing, at predetermined intervals of time, the direction of the said moving air through the said spaces and from one of said ricks to a next rick in line.

1,574,995. SLOTTING MACHINE. FERDINAND C. H. MÜLLER, Sandusky, Ohio, assignor, by mesne assignments, to Myer Prussian, Detroit, Mich. Filed Nov. 25, 1921. Serial No. 517,480. 7 Claims. (Cl. 10—72.)



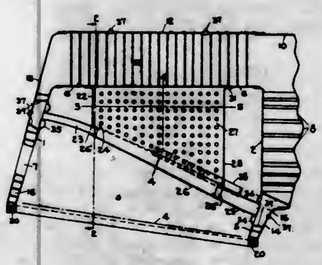
1. In a slotting machine for slotting hollow objects, a punch, a floating die coacting with the punch and located within the object, and means located within the die for ejecting the parts sheared from the object from within the die.

1,574,996. FUSE-SWITCH MECHANISM. THOMAS E. MURRAY, Brooklyn, N. Y. Filed Apr. 26, 1922. Serial No. 556,818. 12 Claims. (Cl. 200—114.)



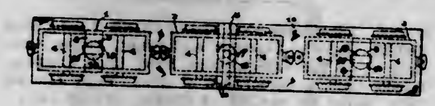
1. A fuse switch mechanism including in combination a pair of switch terminals, a movable bridge for connecting said switch terminals and adapted to be disconnected from both of them, fuse terminals, a casing for said mechanism having a cover with an opening and a plate overlying said switch terminals and movable with said bridge and adapted to close the opening in the cover when the switch terminals are connected and to open it and permit replacement of a fuse when the switch terminals are disconnected.

1,574,997. LOCOMOTIVE BOILER. JOHN L. NICHOLSON, Chicago, Ill., assignor to Locomotive Firebox Company, Chicago, Ill., a Corporation of Delaware. Filed Feb. 21, 1922. Serial No. 538,409. 4 Claims. (Cl. 122—68.)



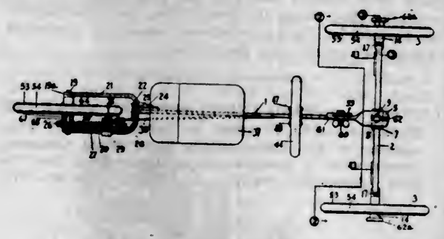
1. A locomotive boiler and its internal firebox having a fuel door therein in combination with a vertical longitudinally extending water steaming and circulating element therein, said element having a bottom which is inclined upwardly and rearwardly, and terminal neck portions, one of which extends into the front water space of the boiler and the other into the back water space above the fuel door, and said element at its top opening through the crown sheet of the firebox.

1,574,998. ARTICULATED ELECTRIC-LOCOMOTIVE-TRUCK STRUCTURE. ALBERT H. PENDLETON, Wilkinsburg, and CHARLES JABLOW, East Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 27, 1922. Serial No. 590,782. 5 Claims. (Cl. 105—175.)



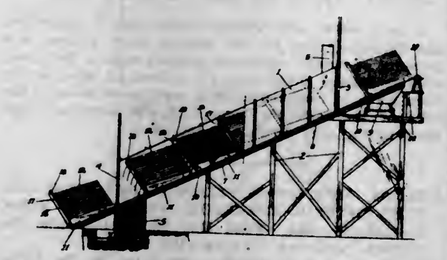
1. The combination with a plurality of articulated trucks, of a vehicle body supported thereon, a connection between the body and one of the trucks to permit relative lateral movement, and a connection between the body and other trucks to permit relative longitudinal movement.

1,574,999. WHEELED TOY. FERDINAND A. PFEIFER, Springfield, Ohio, assignor, by mesne assignments, to The Samson Manufacturing Company, Springfield, Ohio, a Corporation of Ohio. Filed Nov. 8, 1924. Serial No. 748,568. 21 Claims. (Cl. 208—34.)



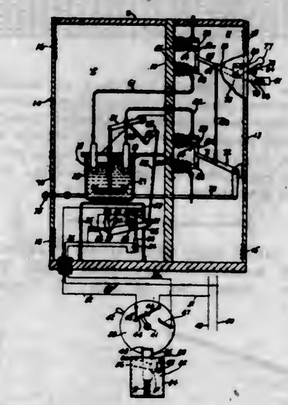
1. In a device of the character described, a longitudinal frame, a seat carried by said frame, a driving wheel supporting one end of said frame, means for actuating said driving wheel, an axle pivotally connected between its ends with the other end of said frame, and wheels carried by the respective ends of said axle, said axle and said frame having cooperating parts controlled by the weight on said frame to resist the movement of said axle about its pivotal connection.

1,575,000. DEHYDRATOR. BEN R. RAGAIN, Colusa, Calif. Filed Nov. 8, 1924. Serial No. 748,557. 8 Claims. (Cl. 34—47.)



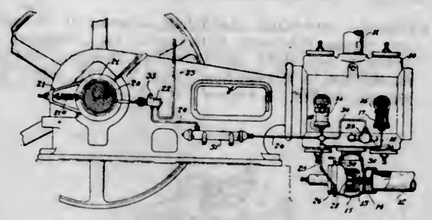
1. A dehydrator comprising an inclined tunnel, elements for supporting individual and separated stacks of fruit trays disposed lengthwise in the tunnel, and means whereby air passing longitudinally between the trays of one stack will be caught by and caused to pass between the corresponding trays of the adjacent stack above.

1,575,001. CIRCUIT BREAKER. KARL C. RANDALL, Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 20, 1921. Serial No. 481,546. 10 Claims. (Cl. 175—375.)



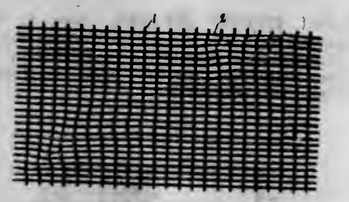
1. Switch mechanism comprising a circuit breaker, a disconnecting switch, a controller for the circuit breaker, means for locking the disconnecting switch in closed position, a locking means for the controller and means for actuating both of said locking means so interlocked with the controller that the actuating means is rendered inoperative to actuate the disconnecting-switch locking means while the controller is in a predetermined position.

1,575,002. COMPRESSOR REGULATOR. WARD RAYMOND, Easton, Pa., assignor to Pennsylvania Pump & Compressor Company, Easton, Pa., a Corporation of Pennsylvania. Filed Jan. 29, 1925. Serial No. 5,544. 4 Claims. (Cl. 137—142.)



1. An unloader valve for a compressor comprising in combination, a body member, a valve therein movement of which controls the loading and unloading of the compressor, and two independent fluid inlet means to close said unloader valve, one of said means being operated by the speed of said compressor and the other controlled by the pressure of the compressed fluid.

1,575,003. NECKTIE-INTERLINING FABRIC. MAX RECHER, Browns Mills, N. J., assignor to Recher Bros. Ltd., New York, N. Y., a Corporation of New Jersey. Filed Sept. 12, 1925. Serial No. 56,087. 1 Claim. (Cl. 28—1.)



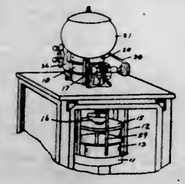
A necktie lining fabric composed of loosely woven normally twisted threads running in one direction and relatively closer woven normally twisted threads in the other direction whereby the fabric can stretch in one direction only, the surface of the fabric being processed to prevent the edges thereof from unravelling when said fabric is cut into strips.

1,575,004. SHOE AND METHOD OF MAKING SAME. GLENN W. ROBERTSON, Minneapolis, Minn. Filed Apr. 29, 1922. Serial No. 557,363. 7 Claims. (Cl. 12—142.)



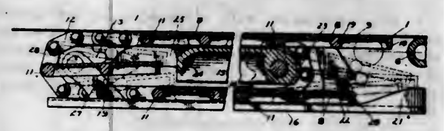
1. The method of making a shoe which consists in first providing an integral blank adapted to form the sole and upper of a shoe, slitting the blank by two spaced slits forwardly extending from the rear edge of the blank to approximately the hollow of the shoe and thus providing the rear portion of the blank with two side parts and a sole, then turning the two side parts inside out and stitching their rear edges together, then inserting and stitching the edges of an elongated welt member to the blank edges formed by the slits while the parts are turned inside out, then turning the stitched welted blank inside in and inserting a heel element in the turned shoe substantially within the space afforded by the welt member, and finally lasting the shoe to form.

1,575,005. POP-CORN MACHINE. GEORGE H. ROSSEBO and HOMER WALTMAN, Indianapolis, Ind., assignors to Holcomb and Hoke Manufacturing Company, Indianapolis, Ind., a Corporation. Filed Feb. 21, 1925. Serial No. 10,888. 5 Claims. (Cl. 53—4.)



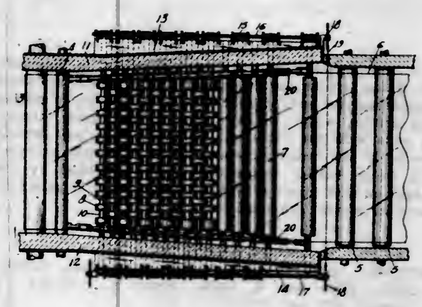
1. In a popcorn machine having a casing and a corn hopper supported thereon, a rotatable dispensing member associated with said hopper, ratchet teeth positioned about the periphery of said member, a pawl positioned to engage said ratchet teeth for causing the rotation of said member, a star wheel operably connected with said pawl, a gear having pins thereon for engaging the said star wheel and causing the rotation thereof, and means for driving said gear, whereby said member will receive a timed and relatively slow rotary movement through said star wheel.

1,575,006. DRAWING AND FLATTENING TABLE FOR SHEET GLASS. CLIFFORD A. ROWLEY, Toledo, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Jan. 25, 1924. Serial No. 688,357. 5 Claims. (Cl. 49—17.)



1. A drawing and flattening table for sheet glass, comprising an upper stationary table and a lower stationary table, the tables each having upper flat horizontal supporting surfaces, a series of flat sheet-supporting plates, and means for moving the plates successively along the upper table beneath and with the glass sheet, and then returning them along the lower table, the sheet-supporting surfaces of the plates always remaining uppermost, and out of contact with the tables.

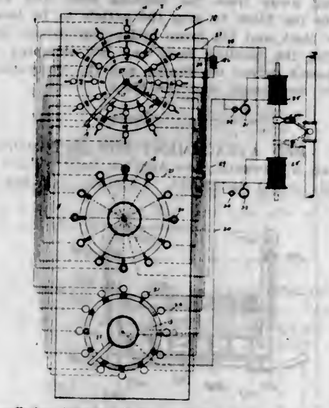
1,575,007. DRAWING AND FLATTENING TABLE FOR SHEET GLASS. CLIFFORD A. ROWLEY, Toledo, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Jan. 30, 1924. Serial No. 689,398. 10 Claims. (Cl. 49—17.)



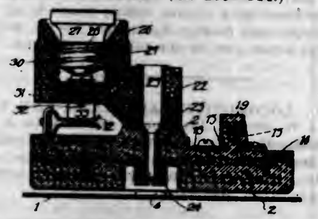
1. In a sheet glass drawing apparatus, a supporting and flattening table for the moving sheet, formed of a plurality of closely positioned parallel rollers, the upper sheet-supporting surfaces of the rollers all lying in the same plane, in combination with continuous means at the sides of the table for supporting and drawing longitudinally the edge portions of the sheet.

1,575,008. PROCESS OF STEAMING DRY KILNS AND TIME CONTROL THEREFOR. FREDERICK W. RUBIN, Indianapolis, Ind. Filed May 15, 1924. Serial No. 713,601. 4 Claims. (Cl. 34—19.)

3. The process of steaming dry kilns in the drying treatment of lumber from a source of steam supply consisting of electrically controlling the discharge of steam from said supply by turning it on or shutting it off, providing a remotely positioned electric time controlled switch and manually setting said switch so as to actuate the discharge of steam from said source of supply for turning the same on for given periods of time and turning it off for intermediate periods of time determined by the manual positioning of the switch irrespective of the relative humidity of the kiln.

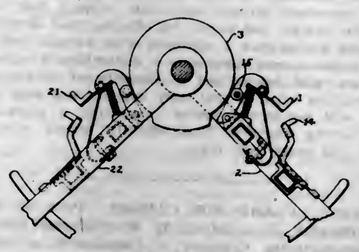


1,575,009. FUSE AND CUT-OUT MECHANISM. ALBERT B. RYPINSKI, Laurelton, N. Y., assignor to Thomas E. Murray, Brooklyn, N. Y. Filed May 16, 1924. Serial No. 713,663. 5 Claims. (Cl. 200—114.)



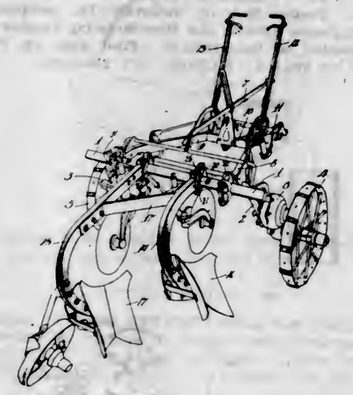
1. A cut-out mechanism including in combination a base block and a rocking arm mounted on said block and comprising in an integral structure of insulating material a pivoted hub and a fuse socket said hub being pivoted about an axis transverse to the face of the base block.

1,575,010. LIMIT SWITCH. GEORGE B. SCHEER, Berkeley, Calif., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 29, 1922. Serial No. 557,484. 5 Claims. (Cl. 200—87.)



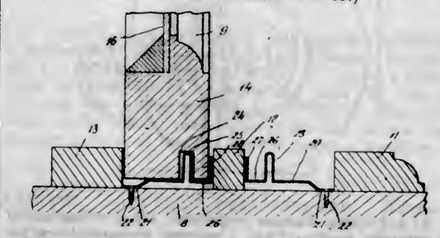
1. A reversing limit switch comprising a plurality of movable members, an operating cam therefor, electromagnetic means for rendering said cam effective to actuate said members, means for advancing the operation of said movable members, and means for restoring said members to their original positions independently of said operating cam, when said electromagnetic means is inoperative.

1,575,011. AGRICULTURAL TOOL. JOHN P. SEAHOLM, Moline, Ill., assignor, by mesne assignments, to Moline Implement Company, a Corporation of Illinois. Filed Feb. 24, 1923. Serial No. 621,068. 1 Claim. (Cl. 97—197.)



In a connection for heavy agricultural tools, a square tool bar adapted to be supported by a wheeled carrier, said bar being positioned with two of its edges in a substantially vertical plane, a relatively narrow rectangular plow beam for carrying a plow body, said beam being positioned with its greatest width in a vertical plane and having one end forged to provide a bearing of greater width than the beam, said bearing having a horizontally extending, V-shaped notch in its face so that the bearing will fit onto two sides of the tool bar, ears formed on the bearing, one projecting upwardly and the other downwardly, a complementary clamping member having a V-shaped notch for fitting on the sides of the bar opposite to the bearing, said clamping member having one ear projecting upwardly and another projecting downwardly, the V-shaped notches in the bearing and the clamping member being of such depth that the bearing and clamping member are separated a substantial distance from one another, a bolt for connecting the ears of the bearing and of the clamping member above the tool bar, and a second bolt for connecting the ears of the bearing and the clamping member below the tool bar, whereby the beam is tightly clamped against the bar.

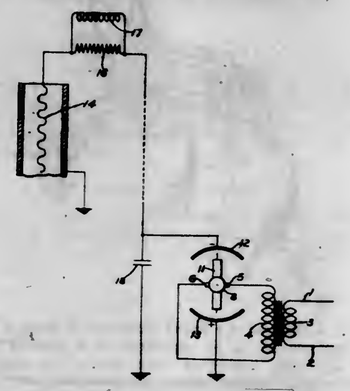
1,575,012. METAL WEATHER STRIP. GEORGE R. SIEFKEN, New York, N. Y. Filed Feb. 11, 1924. Serial No. 691,949. 6 Claims. (Cl. 20—69.)



1. The combination of a window frame provided with a channel, a sash having a side member entering the channel, this side member having a groove formed length-

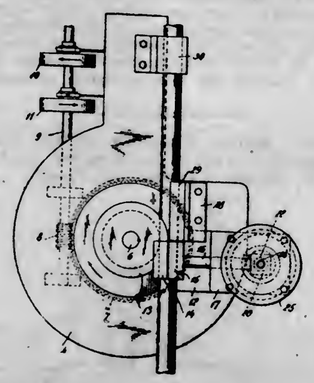
wise in its outer face, and a strip lying in the channel and secured along one edge to the bottom of the channel, this strip having a lengthwise fold forming a tongue entering the groove in the side member and terminating beyond the tongue in a flat flange extending at an angle to the main body of the strip and lying between the side of the channel and the side of the side member of the sash.

1,575,013. WIRELESS-INTERFERENCE PREVENTION. JOSEPH SLEPIAN, Swissvale, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 18, 1921. Serial No. 493,357. 5 Claims. (Cl. 250—16.)



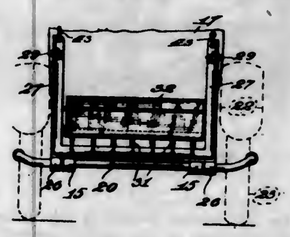
1. A treater circuit comprising a treater, a source of high-potential alternating current, a rectifier in circuit between the source of high-potential alternating current and the treater, and a condenser connecting the circuit to ground adjacent the rectifier and between the treater and the rectifier.

1,575,014. BENDING MACHINE. SAMUEL ARCHIBALD SNELL, Detroit, Mich., assignor to American Metal Products Co., Detroit, Mich., a Corporation of Michigan. Filed May 20, 1925. Serial No. 31,641. 7 Claims. (Cl. 153—40.)



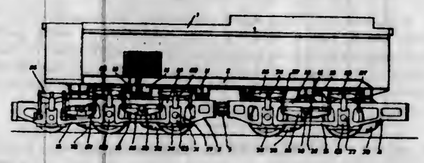
1. A bending machine comprising the combination of a rotatable bending form, a movable clamping block for clamping a member to be bent to the bending form, and holding it at one point against movement relative to the form, a fluid pressure mechanism movable with the bending form and lying out of the plane of the latter, a connection between this mechanism and the clamping block through which the mechanism moves the block toward and away from the bending form and applies pressure to the block to grip the article to be bent between the block and the form, and power driven devices for rotating the bending form and the clamping block and the power driven mechanism and the connection between this mechanism and the block.

1,575,015. BED ATTACHMENT FOR AUTOMOBILES. EMANUEL A. SPENGLE, Los Angeles, Calif. Filed June 23, 1925. Serial No. 39,020. 4 Claims. (Cl. 293—55.)



1. The combination with an automobile and its rear axle, of a U-shaped frame secured to said axle and extending rearwardly thereof, a bumper secured to the rear portion of said frame and disposed transversely to the rear of the automobile body, a rectangular bed frame formed in two parts and hinged to each other so that one part may be folded flat against the other part, one end of the inner part of said folding frame being hinged to the bumper and folding legs hinged to the outer portion of the other part of the folding bed frame.

1,575,016. LOCOMOTIVE CAB FRAME AND TRUCK. NORMAN W. STOUMS, Pittsburgh, and HAROLD A. HOUSTON, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 19, 1922. Serial No. 589,086. 5 Claims. (Cl. 105—175.)



1. The combination with a vehicle-body support, of a plurality of wheeled trucks, means for effecting relative lateral movement between said trucks and relative pivotal movement between said body support and the respective trucks, and means for effecting load distribution on said trucks over a relatively wide surface area, said first-named means comprising a mallet-hinged connection between said trucks and a plurality of center-bearing connections between said body support and said trucks, and said last-named means comprising a plurality of side-bearing supports longitudinally spaced along the body and truck side frame.

1,575,017. CLAMP FOR CABLES. PAUL G. SWARS, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 29, 1924. Serial No. 702,709. 8 Claims. (Cl. 24—126.)

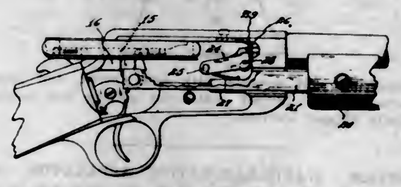
2. In a cable clamp, the combination with clamping jaws for clamping a cable, of a tubular member in which

the inner wall of one section forms a tapered socket for the clamping jaws and a portion of the inner wall



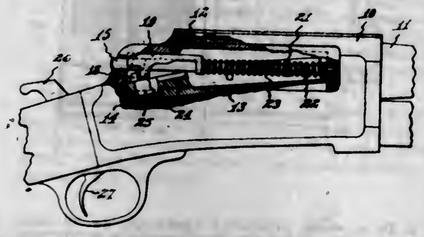
of the remaining section is offset to form a supporting surface for the cable in line with one side of the inner surface of the clamping jaws.

1,575,018. FIREARM. CARL G. SWEBILIUS, New Haven, Conn., assignor to The Marlin Firearms Corporation, New Haven, Conn., a Corporation of Delaware. Filed Dec. 3, 1921, Serial No. 519,643. Renewed Nov. 17, 1925. 15 Claims. (Cl. 42—16.)



1. In a gun, a receiver having a slot, a reciprocable breech bolt therein, movable means to support a cartridge inserted through said slot in position to be chambered by said breech bolt, and a spring in said receiver adapted to be engaged by a cartridge on said supporting means.

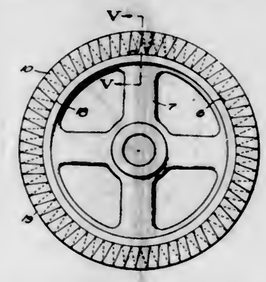
1,575,019. FIREARM. CARL GUSTAF SWEBILIUS, New Haven, Conn., assignor to The Marlin Firearms Corporation, New Haven, Conn., a Corporation of Delaware. Filed Apr. 4, 1922, Serial No. 549,412. Renewed Nov. 17, 1925. 15 Claims. (Cl. 42—16.)



15. In a firearm, a breech bolt, a locking bolt pivoted thereto, and reciprocable inertia means for momentarily preventing the rotation of said locking bolt after the firing of said firearm.

1,575,020. COMPOSITE GEAR. GEORGE S. TURNER, Edgewood Park, and BENJAMIN J. GUDOR, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 23, 1921. Serial No. 454,732. 4 Claims. (Cl. 74—28.)

1. A method of forming composite articles which comprises providing a strip of fibrous material impregnated with a binder, said strip having wide and narrow portions, folding said strip on its wide and narrow portions to form a flat helix of contiguous sections with corresponding folds on one side, disposing said helix around the outer periphery of a metallic member with



the narrow folds adjacent to its outer periphery and applying heat and pressure thereto to form a unitary mass.

1,575,021. FILING DEVICE. PETER VAN VLISSINGEN, Chicago, Ill., assignor to Syco Systems Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 10, 1923. Serial No. 667,783. 10 Claims. (Cl. 129—16.)



1. A spacing device for filing cases or the like consisting of a soft rubber.

1,575,022. RESILIENT SHOE LACE. FRANK M. WAKIMOTO, Highland Park, Mich. Filed Feb. 5, 1925. Serial No. 6,962. 1 Claim. (Cl. 24—143.)



A fastener for shoes equipped with eyelets comprising a resilient lace adapted to be threaded through the eyelets and carrying at each extremity a tip having a cylindrical portion adapted to be clamped upon the end of the lace and a loop portion in substantial alignment with the cylindrical portion but projecting beyond the clamped portion of the lace for the purposes described.

1,575,023. GOLF-CLUB STRAIGHTENER. JACKSON WALTON, Toronto, Ontario, Canada. Filed Feb. 27, 1923. Serial No. 621,662. 1 Claim. (Cl. 273—77.)

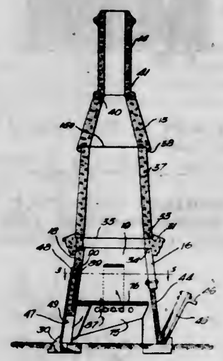
A golf club straightener comprising a cylinder having a plurality of longitudinal grooves formed in its surface, each groove being angularly shaped and adapted to

receive the shaft of a golf club so that the shaft projects beyond the perimeter of the cylinder and adapted to engage the shaft along two lines longitudinally of



the groove, and a plurality of flexible elastic binders for applying pressure, at several places to the shafts in the grooves.

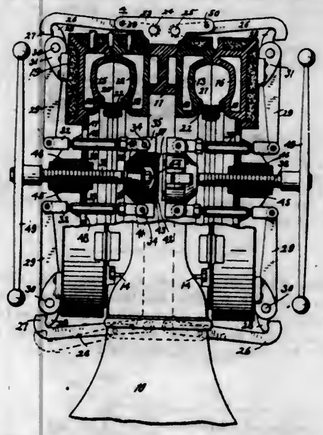
1,575,024. INCINERATOR. FREDERICK J. WEBER, Los Angeles, Calif. Filed Oct. 29, 1923. Serial No. 671,347. 7 Claims. (Cl. 110—18.)



1. In an incinerator, a combination of: side walls defining a fire chamber; a grate disposed across said chamber at an intermediate level; and a member U-shaped in horizontal outline and provided with perforations in its upper part, said member forming V-shaped air passages between a draft opening in the lower portion of said chamber and a central space beneath said grate, whereby air for sustaining combustion is conveyed, by way of said V-shaped passage and by way of said perforations, into contact with the material on said grate.

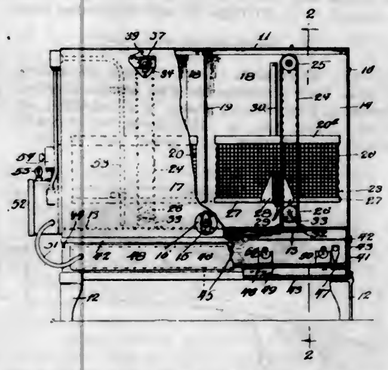
1,575,025. TIRE MOLD. THOMAS H. WILLIAMS, Akron, Ohio, assignor to The Akron Rubber Mold & Machine Company, Akron, Ohio, a Corporation of Ohio. Filed Oct. 12, 1925. Serial No. 61,906. 4 Claims. (Cl. 18—38.)

1. In apparatus of the class described, the combination of a stationary mold section, a mold section hinged thereto, a plurality of links carried by said stationary section around the periphery thereof, levers fulcrumed on said hinged section and adapted to engage said links, a floating member arranged within said sections, links



connecting said member with said levers, and means carried by said hinged section for moving said member axially of said sections.

1,575,026. WASTE-SATURATING APPARATUS. ANDREW D. WYCKOFF, Oak Park, Ill., assignor to Oil Products Appliance Co., Maywood, Ill., a Corporation of Illinois. Filed May 17, 1922. Serial No. 561,698. 2 Claims. (Cl. 91—46.)

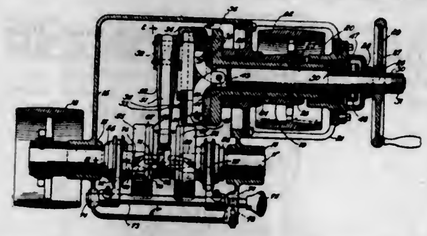


2. In a waste saturating apparatus, an oil tank, a partition therein and extending part way to the bottom of the tank from its top dividing it into two communicating compartments, a cover for said tank, a waste receiving elevator in each compartment, elevator operating mechanism for each elevator, a heating chamber below the compartments and heating elements contained in said heating chamber.

1,575,027. VARIABLE-SPEED-TRANSMISSION MECHANISM. JOHN S. BARNES, Rockford, Ill., assignor to W. F. & John Barnes Company, Rockford, Ill., a Corporation of Illinois. Filed July 31, 1922. Serial No. 578,629. 8 Claims. (Cl. 74—53.)

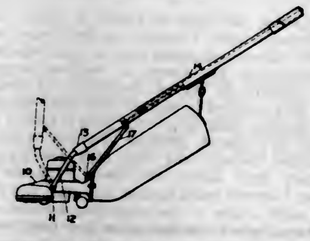
1. In a variable speed transmission mechanism, the combination with a driving element of a bearing block adjustable toward and away from the rotational axis

of said element, a counterweight slidably mounted on said element in diametrically opposed relation to said block, a toggle mechanism including a pair of links re-



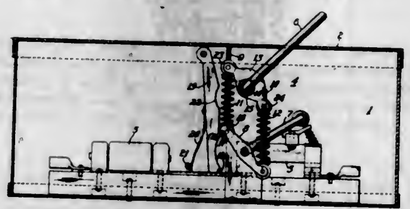
spectively connected to said block and counterweight, and means for actuating said toggle mechanism to effect concurrent movement of said block and counterweight toward and away from each other.

1,575,028. HANDLE. ALBERT H. BATES, Elgin, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio, a Corporation of Ohio. Filed June 6, 1921. Serial No. 475,233. 4 Claims. (Cl. 306—18.)



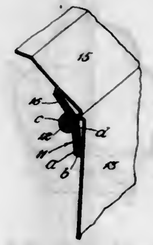
1. A controlling handle for hand-propelled devices comprising a ball pivotally attached to the device and having a socket portion formed therein, a hollow handle member secured to the ball, a member slidably mounted in the interior of the handle, a link pivotally secured to the device and to the slidable member, means mounted on the handle acting normally to lock the slidable member for all positions of the handle, and means adapted to hold said locking means in a non-locking position.

1,575,029. SWITCH MECHANISM. HAROLD G. BAXTER, Baldwin, N. Y., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 17, 1920. Serial No. 381,914. 4 Claims. (Cl. 200—70.)



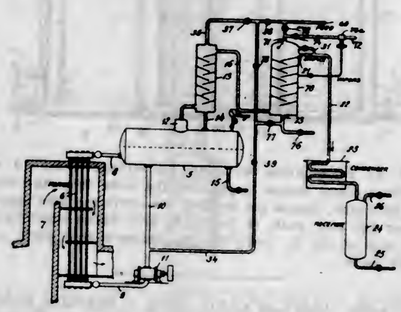
1. A quick-acting switch mechanism for a switch comprising an operating handle, a plurality of separate resilient members alternately energized thereby, a cam member for actuating the switch, and a latching member for precluding the actuation of the switch until the resilient members have been energized to a predetermined degree.

1,575,030. METHOD OF MAKING HOOD HINGES FOR AUTOMOBILES. GUIDO G. BEHN, Detroit, Mich. Original application filed July 3, 1920, Serial No. 393,797. Divided and this application filed Oct. 8, 1923. Serial No. 667,147. 2 Claims. (Cl. 29—11.)



1. The method of hinging automobile hood members and the like which consists in providing a hinge member having a tubular pintle receiving portion and a leaf portion, securing an edge portion of a hood member to the outer side of the leaf portion of said hinge member, and then folding said hood member upon itself along a line parallel with and adjacent to the tubular portion of said hinge member.

1,575,031. METHOD AND APPARATUS FOR CRACKING OILS UNDER PRESSURE. JOHN E. BELL, Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed Apr. 1, 1924. Serial No. 703,339. 19 Claims. (Cl. 196—49.)

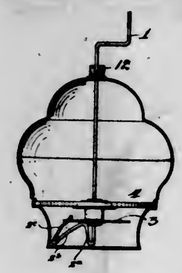


1. The process of cracking heavier hydrocarbons under pressure, which comprises subjecting the hydrocarbons to a cracking temperature under pressure, subjecting the resulting vapors to a regulated condensation while under pressure, permitting uncondensed vapors to escape through a fixed orifice, and increasing and decreasing the condensation in the said regulated condensation with increase and decrease, respectively, of the pressure.

1,575,032. MUSICAL TOY. ELMER A. BENDIXON, Chicago, Ill. Filed Aug. 9, 1924. Serial No. 731,007. 8 Claims. (Cl. 84—92.)

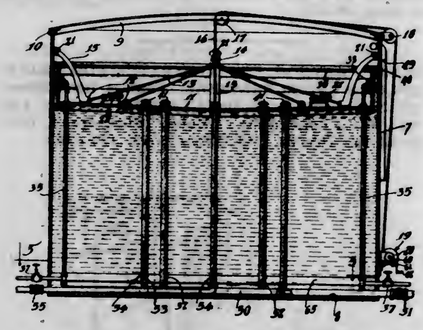
4. A musical toy comprising a metal housing having a flat bottom, a sheet parallel to said bottom and secured to said housing, a shoulder, a plate having a circular ridge and a plurality of reeds integral therewith, a washer and means for clamping said sheet, shoulder, plate and washer together, said means comprising a bushing, a

stem extending through said bushing and top of said housing, a handle on one end of said stem outside of said housing and a pick on the other end of said stem,



said pick being adapted to pick said reeds upon being revolved in either direction, said handle and said pick being integral with said stem.

1,575,033. STORAGE TANK. JAMES BOWN, Death Valley, Calif. Filed Dec. 11, 1923. Serial No. 679,958. 9 Claims. (Cl. 220—26.)



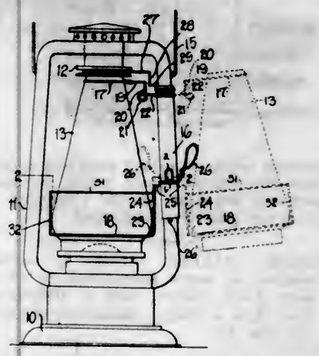
1. In combination with an oil storage tank, an oil surface plate, means to position the plate from the sides of said tank, means for holding the surface plates spaced from the side walls of the tank, and means controllable in case of fire to close the gap between said plate and said walls.

1,575,034. DISPLAY CARD. PAUL A. BRATTAIN, Seattle, Wash., assignor of one-half to Pliny T. Birchard, Seattle, Wash. Filed Sept. 30, 1925. Serial No. 59,446. 3 Claims. (Cl. 211—34.)



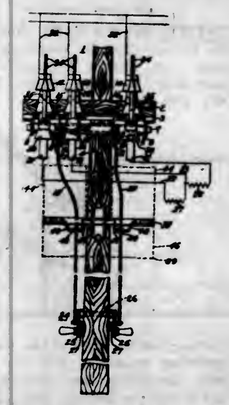
2. A display card for packages having a base section adapted to fold back and a hole cut in the main body of a shape to fit the package upon the outline formed by a diagonally intersecting plane which cuts across the top and bottom ends of the package inward from and adjacent to respectively the back and the front sides of the package, said hole having an extension which cuts into the base to thereby facilitate placing of the package in the hole.

1,575,035. LANTERN. CHARLES ARTHUR BREEN, Moose Lake, Minn. Filed Apr. 2, 1925. Serial No. 20,302. 1 Claim. (Cl. 240—31.)



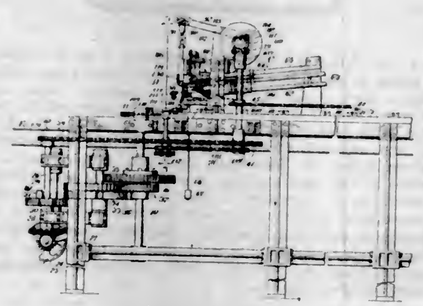
A lantern including a frame, a sleeve mounted to slide thereon upon a portion of the frame, a vertically movable chimney engaging cap, an arm engaging the cap and embracing the sleeve, a member carried by the sleeve adapted to engage the base of a lamp chimney, and a loop adapted to embrace the upper terminal of the lamp chimney, said loop comprising a strand of material having its terminal portions extended laterally a predetermined distance and then bent downwardly at substantially right angles, the lower terminals of the depending portions being formed into coils and then extended at right angles to the depending portions and formed into loops, said loops embracing and freely engaging the sleeve.

1,575,036. SWITCH MECHANISM. JAMES M. BROWN, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Original application filed June 9, 1920, Serial No. 387,626. Divided and this application filed Dec. 17, 1921. Serial No. 523,067. 2 Claims. (Cl. 200—50.)



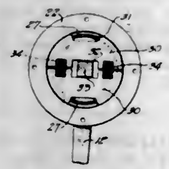
1. The combination with a pair of independently operable switch members having axially aligned interlocked pivot members and manually operable to open and closed positions, of a switch member yieldingly retained in open position and movable to closed position by either of the first said switch members.

1,575,037. BAIL-PLACING MACHINE. GEORGE W. CHALMERS, Summit, and FRANK E. WILSON, Argo, Ill., assignors to International Patents Development Company, Wilmington, Del., a Corporation of Delaware. Filed Feb. 5, 1925. Serial No. 7,058. 55 Claims. (Cl. 140—93.)



1. A machine for placing bails on cans provided with bail-receiving ears, comprising a holder for a supply of bails, a conveyor for supporting the cans and moving them successively into position adjacent the bail holder, and means for moving and guiding a bail from the holder into engagement with the ears of a can.

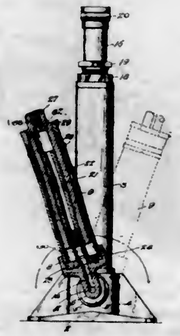
1,575,038. WINDOW REGULATOR. ANGELO ROBERT CLAS, Toledo, Ohio. Filed Nov. 7, 1924. Serial No. 748,403. 9 Claims. (Cl. 192—8.)



1. A brake comprising a bearing member having a cylindrical wall, a sectional disk normally bearing against said wall, a driving member having engagement with the disk sections near their peripheries, and a driven member having a cam fitting between the disk sections.

1,575,039. HYDRAULIC LIFTING JACK. WALTER J. COOPER, Cleveland, Ohio, assignor to Edward Umbstaetter, Cleveland, Ohio. Filed Mar. 14, 1924. Serial No. 699,176. 2 Claims. (Cl. 138—9.)

1. A hydraulic lift jack, comprising a pair of cylinders having a swiveled coupling provided with a passage for the transfer of a fluid from one cylinder to the other, operating and lift plungers in said cylinders, the operating plunger being a rotatable hollow screwthreaded member, a stationary hollow screw member extending into said operating plunger having a disk-shaped base and formed with an opening near said base and the cylinder



for the operating plunger being screwed in clamping engagement with said base to hold said screw member in a stationary and removable position upon said coupling.

1,575,040. FLAGPOLE. RUFUS M. CRUM, Wichita, Kans. Filed Sept. 3, 1925. Serial No. 54,330. 2 Claims. (Cl. 116—173.)

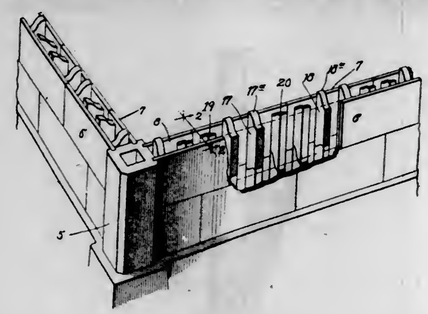


2. In a flag pole, a tubular base supporting member, said member having an opening in the side thereof, a notch in the top end of said member, the said notch functioning as a support, a flag pole positioned in the opening of said base support, the said pole being pivotally connected to the top end of said support and adapted to swing laterally, resting in said notch, an annular collar on the lower end of said pole, said collar functioning as a counter-balance and spacing means for the axial alignment of said pole to said base, an anchor bolt radially passing through said collar and said pole, an aperture through the wall of said base, the said bolt engaging through said aperture as anchoring means for said pole.

1,575,041. BUILDING CONSTRUCTION. FRANCISCO T. DA SILVA TELLES, Santos, Brazil. Filed July 18, 1922. Serial No. 575,904. 1 Claim. (Cl. 72—1.)

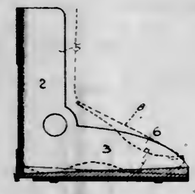
As a new article of manufacture, a building slab comprising a flat body substantially rectangular in configuration, similarly formed ribs extending inwardly from the

inner face of the body adjacent the end edges thereof, said ribs extending above and below the top and bot-



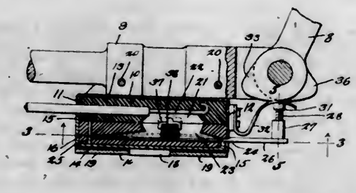
tom edges of the body, the extreme upper and lower ends of the ribs being partially cut away to provide reversely formed projections.

1,575,042. ANKLE BRACE. EDGAR M. DENNISTON, Burlington, Iowa. Filed Jan. 14, 1925. Serial No. 2,322. 3 Claims. (Cl. 128—80.)



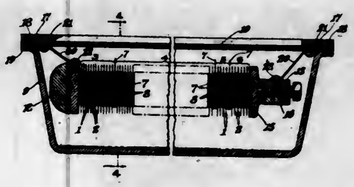
1. An ankle brace, including a body composed of an upright open-front portion having a rounded back and parallel sides and a horizontal open-top portion having parallel sides, and a removable floor strip fitting within and extending the full length of said body and having parallel sides and rounded ends and being reversible end for end.

1,575,043. SWITCH. PATRICK JOSEPH DEVER, Freeland, Pa. Filed July 3, 1924. Serial No. 724,063. 2 Claims. (Cl. 200—59.)



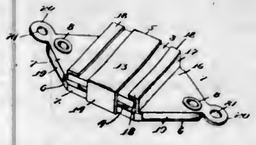
1. In combination with a spindle arm having oppositely disposed cams, pairs of wires providing lighting circuits, arms carrying contact members adapted to bridge the wires of the respective pairs of wires to complete circuits therethrough, said arms having tubular members adjacent to their outer ends, threaded members movable through the tubular members, spring arms contacting with the cams and engaged by the threaded members to adjust the arms with respect to the cams, and said cams adapted to operate to move the arms to move the contact members to their active positions.

1,575,044. ELECTRICAL CONDENSER. WILLIAM DUBILIER, New York, N. Y., assignor to Dubilier Condenser & Radio Corporation, a Corporation of Delaware. Filed May 24, 1921. Serial No. 472,105. 16 Claims. (Cl. 250—41.)



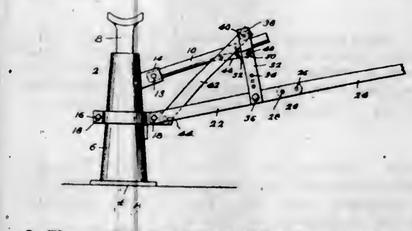
1. An electrical condenser comprising a stack having a series of conducting sheets alternating with larger thin and unitary dielectric sheets, the respective series of sheets above mentioned being disposed substantially in line, with each conducting sheet overlapped on all sides by the adjacent dielectric sheets, and the conducting sheets being all electrically isolated, and conducting plates at the opposite ends of said series of alternating sheets, which last-named conducting plates have circuit connections leading respectively thereto, to make up a condenser unit, and a sufficient number of said isolated sheets being employed in said unit to reduce the potential strain per dielectric sheet to a value below the brush discharge point.

1,575,045. ELECTRICAL CONDENSER. WILLIAM DUBILIER, New York, N. Y., assignor to Dubilier Condenser and Radio Corporation, a Corporation of Delaware. Filed Feb. 14, 1924. Serial No. 692,869. 22 Claims. (Cl. 250—41.)



1. A condenser comprising a substantially rigid insulating plate having extensions, a body of dielectric and conductive elements, and fastening means affixed to said extensions and having portions overlapping the adjacent ends of the body and set to exert pressure upon said elements to enable said elements to be held tightly against said plate.

1,575,046. AUXILIARY LEVER ATTACHMENT FOR JACKS. GEORGE E. DYER, Kansas City, Mo. Filed June 12, 1925. Serial No. 36,700. 2 Claims. (Cl. 254—120.)



2. The combination with a lifting jack having actuating means including a main lever, of a bracket secured to the standard of said lifting jack, an auxiliary lever pivotally conected to said bracket, connecting bars extending upwardly from said auxiliary lever and operably connected to the main lever, links pivotally connected to the upper portions of said connecting bars and the bracket, a roller engaging the upper surface of the main lever and mounted on the pivot connecting the links and the connecting bar, a roller engaging the underside of the main lever, a spindle on which said roller is journaled, a pair of arms carrying said spindle at one end and pivotally connected at their opposite end to the links, and spring means connecting said arms and the links to yieldably hold the last mentioned roller in engagement with the main lever.

1,575,047. SHANK STIFFENER. GEORGE H. GILLIS, Brookfield, Mass. Filed Jan. 25, 1924. Serial No. 688,412. 3 Claims. (Cl. 36—76.)

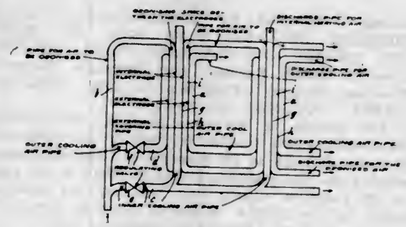


2. A metal shank stiffener for shoes, comprising a pair of supporting members, each of said supporting members being provided with a single integral fastening device at an end thereof, said shank support being interposed between the inner sole and outer sole of a shoe, and one of said fastening devices being driven into said outer sole and the other of said fastening devices being driven into said inner sole to hold said shank support in place.

1,575,048. ROTARY PUMP. OSCAR C. GOERIZ, Oakland, Calif. Filed Oct. 18, 1922. Serial No. 595,434. 8 Claims. (Cl. 103—90.)

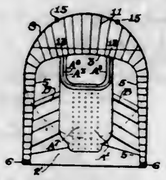
1. In a turbine pump, a series of diffuser blades, a runner adjacent the same, said runner having a frusto conical hub and blades connected therewith, which blades have their surfaces adjacent the line of contact with said hub and their surfaces at their peripheries developed along different spirals, the blades having their intermediate surfaces merged from one curve into the other with gradual changes of direction, and a casing within which said runner rotates.

1,575,049. METHOD OF COOLING THE ELECTRODES IN OZONIZERS. REINHOLD GRAEF, Berlin, Germany, assignor to Aktiengesellschaft für Ozon Industrie, Berlin, Germany. Filed Feb. 10, 1925. Serial No. 8,309. 2 Claims. (Cl. 204—32.)



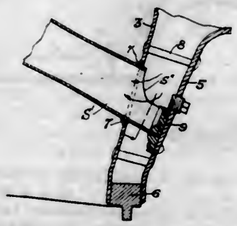
1. A method of cooling the internal and external electrodes in ozone generators, consisting in passing cooling air in two independently regulable streams along the internal and external electrodes, as set forth.

1,575,050. LOCOMOTIVE BOILER. CHARLES GILBERT HAWLEY, Chicago, Ill., assignor to Locomotive Firebox Company, Chicago, Ill., a Corporation of Delaware. Filed May 13, 1922. Serial No. 560,664. 3 Claims. (Cl. 122—71.)



1. In combination with a locomotive boiler and the firebox thereof, a water steaming and circulating element embodying, a tubular inclined bottom portion connected at one end to the flue sheet of the firebox and flat tubular side portions connected at one end to said inclined bottom portion and opening at their top ends through the crown sheet of the firebox.

1,575,051. LOCOMOTIVE BOILER. CHARLES GILBERT HAWLEY, Chicago, Ill., assignor to Locomotive Firebox Company, Chicago, Ill., a Corporation of Delaware. Filed May 13, 1922. Serial No. 560,659. 4 Claims. (Cl. 122—68.)



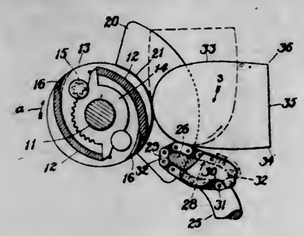
1. A locomotive boiler firebox in combination with a substantially triangular thermic siphon or water-steaming wall forming a water passage between the throat of the firebox and the space above the crown sheet thereof, said siphon being structurally dependent from said crown sheet, and having a lower intake neck por-

tion extending through the inner throat sheet, and a member on the inner surface of the outer throat sheet against which said neck portion has an end thrust bearing engagement as and for the purpose specified.

1,575,052. PROCESS OF MANUFACTURING THIN THREADS OF ARTIFICIAL SILK OF HIGHEST DEGREE OF FINENESS FROM VISCOSE. LEOPOLD HESSE, Barmen, and HERMANN RATHERT, Elberfeld, Germany. Filed Feb. 13, 1922. Serial No. 536,365. 10 Claims. (Cl. 18—54.)

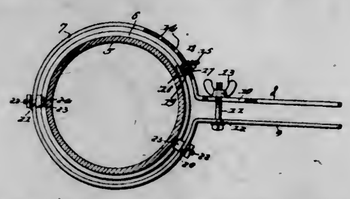
1. The process of producing artificial silk threads from viscose, which consists in treating alkali-cellulose with carbon-bisulfide in the presence of a reducing agent, dissolving the xanthogenate formed in alkali in the presence of reducing agents, and injecting the solution obtained into a solution of sodium sulphate containing comparatively large amounts of sulphuric acid.

1,575,053. MACHINE FOR OPERATING ON SHOES. JAMES R. HOOKE, Holbrook, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed June 6, 1921. Serial No. 475,288. 16 Claims. (Cl. 12—88.)



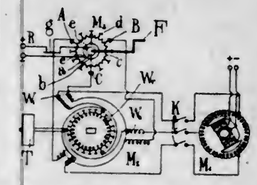
1. In a machine having a tool for operating on an article of work undergoing manipulation, a work-rest comprising a support having a traction surface, and a chain of which some of the links are arranged to slide on said surface and engage the work to support or brace the latter in cooperative relation to said tool, said chain being movable by the work as manipulation thereof requires.

1,575,054. CARBON REMOVER. THOMAS F. IBBETSON and THOMAS F. MORRISON, Chanute, Kans. Filed Mar. 30, 1922. Serial No. 548,095. 1 Claim. (Cl. 15—104.01.)



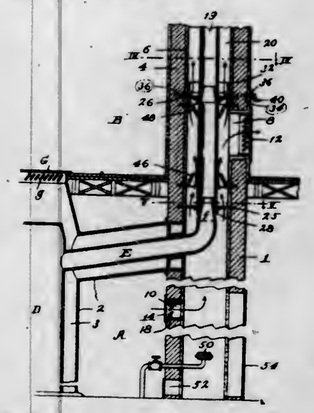
In a carbon remover, a substantially circular body of pliable material of greater diameter than a piston with relation to which it is to be manipulated, the said circular body having arms adapted to extend outwardly approximately parallel to each other to form a handle, the said body having apertures a plurality of which are in proximity to one of the arms, guiding members having shanks extending through certain of the apertures, and a carbon removing element comprising a head with one of its edges adapted to bear against the inner wall of a piston ring groove, a shank for carrying the head, the said shank being secured in one of the plurality of apertures near one of the handles and operative to tilt with the yielding of the pliable material constituting the circular body when pressure is applied to the handle in manipulating the remover.

1,575,055. DEVICE FOR THE DISTANT CONTROL OF A MOVABLE MEMBER. NICOLAS JAPOLSKY and MACHAEL KOSTENKO, London, England, and BORIS WORONOFF and CONSTANTIN SABANEEW, Petrograd, Russia. Filed June 9, 1924. Serial No. 718,901. 8 Claims. (Cl. 172—239.)



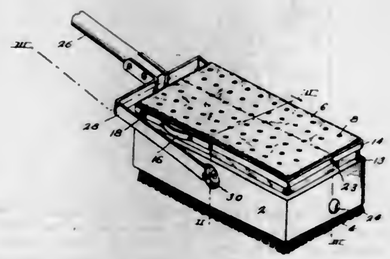
1. An installation for the distant control of a movable body, comprising a polyphase synchronous motor, driving means between said motor and the movable body, an alternating current commutator generator adapted to supply the full driving current to said motor, means for driving said generator at constant speed, a polyphase excitation winding on said generator, compensating means on the stator of said commutator generator connected with the rotor windings for compensating the effect of the rotor power current, an electric transmitter adapted to supply the currents to said polyphase excitation winding, a movable element forming part of said electric transmitter and adapted to be displaced by hand, and means within the electric transmitter whereby the position of the movable element of the transmitter controls the phase relations of the currents supplied to the excitation winding of the generator.

1,575,056. CHIMNEY. THEODORE G. JOHNSON, Kansas City, Mo. Filed Jan. 7, 1924. Serial No. 684,783. 1 Claim. (Cl. 98—30.)



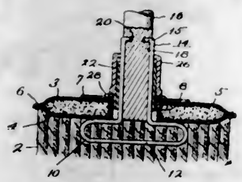
In combination a chimney having openings in its side for the passage of air, a smoke stack arranged within said chimney and spaced from the inner surface thereof to leave an intervening air shaft which communicates with said openings in the sides of the chimney and reversely disposed conical baffles extending around the smoke stack in the air shaft for directing the air therein toward and away from the smoke stack.

1,575,057. FLOOR DRESSING AND POLISHING DEVICE. THEODORE G. JOHNSON, Kansas City, Mo. Filed Apr. 18, 1924. Serial No. 707,425. 4 Claims. (Cl. 91—43.)



1. A device of the character described consisting of an open-bottom container, a handle to said container, a rubbing cloth stretched across said open-bottom and folded against the sides and ends of said container, a band fitting around said container to hold the folded portions of said cloth, and a retaining device mounted at each side of said band and having a terminal to enter a recess in the container and hold said band in position on said container.

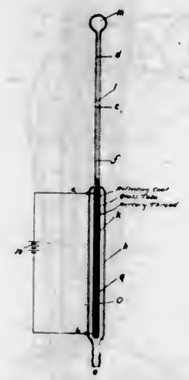
1,575,058. MOP. THEODORE G. JOHNSON, Kansas City, Mo. Filed July 17, 1924. Serial No. 726,510. 1 Claim. (Cl. 15—153.)



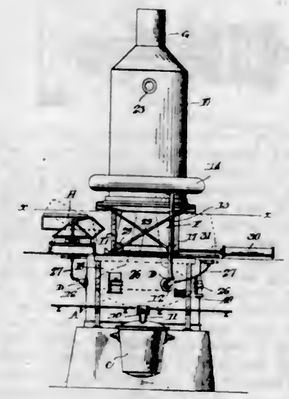
A mop consisting of folded mopping means, a handle, a supporting element having a loop arranged beneath the folded portion of said mopping means and arms extending upwardly through said folded portion and engaging said handle, a sleeve for securing said arms to the handle, a plate resting upon the folded portion of said mopping means, and clamp means threaded on said sleeve to draw said plate and said loop firmly into engagement with the folded portion of the mopping means.

1,575,059. DIRECT-INDICATING HIGH-VACUUM METER. JULIUS JONAS, Meierhof, and OSKAR SEITZ, Oberer Kappelerhof, Baden, Switzerland, assignors to Aktiengesellschaft Brown, Boveri and Cie., Baden, Switzerland. Filed Feb. 5, 1923. Serial No. 617,117. 7 Claims. (Cl. 73—31.)

1. In an apparatus for measuring high vacua by direct indication, the combination with a mercury thermometer having a tubular mercury bulb, of a cylindrical enclosing tube fitted gas-tight upon, and surrounding said tubular bulb so as to leave an annular space between said enclosing tube and said tubular bulb, a tube connecting said annular space to the vacuum which is to be measured, and means for providing an approximately constant supply of energy for heating the mercury in said tubular bulb.



1,575,060. OPEN-HEARTH FURNACE. JAMES DYER JONES, Sault Ste. Marie, Ontario, Canada, and EARL EWING LITZ, Sault Ste. Marie, Mich. Filed Apr. 23, 1921. Serial No. 463,856. 3 Claims. (Cl. 263—15.)

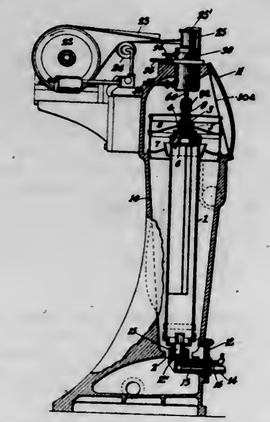


1. In an apparatus of the character described, the combination with a furnace, of a regenerative stove and a removable throat of frusto-conical formation adapted to form a connection between the furnace and the regenerative stove, and designed exclusively for waste gases.

1,575,061. CENTRIFUGAL MACHINE AND PROCESS INVOLVING THE USE OF THE SAME. LEO D. JONES and ARTHUR U. AYRES, Philadelphia, Pa. Original application filed May 1, 1924, Serial No. 710,388. Divided and this application filed May 29, 1925. Serial No. 33,729. 45 Claims. (Cl. 233—13.)

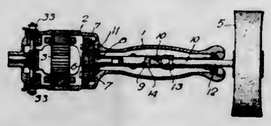
1. In the centrifugal treatment of a substance the process which comprises subjecting the substance to the action of centrifugal force to effect a desired change in

the substance and to discharge the substance in dispersed form from the influence of the centrifugal force, and suitably regulating the pressure of the atmosphere within



which the substance is so discharged to prevent undesirable alteration of the substance while it exists in the dispersed state in which it is discharged.

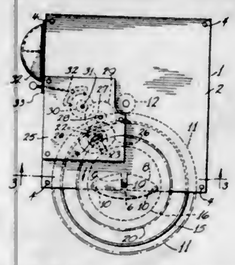
1,575,062. ELECTRICAL HAND POLISHING MACHINE. ERNEST F. KAISER, New York, N. Y. Filed Mar. 17, 1921. Serial No. 452,993. 2 Claims. (Cl. 15—23.)



1. A device as herein characterized and comprising a handle shaped tubular casing, an extension housing at one end of said casing, an electric motor housed within said housing, a driving shaft within said handle driven by said motor and supported within said handle at its front and rear ends, the front portion of said driving shaft being tubular and having a counter-bored square socket at its inner end, plate springs secured at one end to said driving shaft, balls mounted in the walls of the tubular front portion of the driving shaft and movable to project within the hollow thereof, said springs overlying and pressing upon said balls, a driven shaft carrying at its outer end a brush and mounted within the tubular front end of the driving shaft, the inner end of the driven shaft reduced and squared and fitted in the square socket within the driving shaft, a circumferential semi-circular groove being provided adjacent the inner end of the driven shaft receiving the said spring pressed balls whereby to form a detachable connection between said driving and driven shafts.

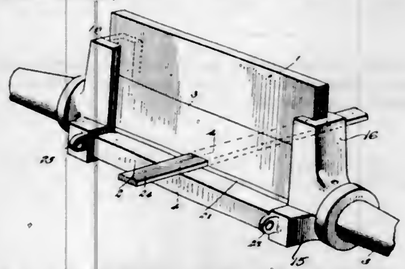
1,575,063. ALARM-CLOCK MECHANISM. ALBERT F. KENDLE, Syracuse, Nebr. Filed Mar. 27, 1925. Serial No. 18,831. 4 Claims. (Cl. 58—16.)

1. In a device of the type described a drive shaft, a gear loosely mounted on said drive shaft, a spring housing mounted upon said drive shaft and having a threaded connection with said gear whereby said housing will rotate said gear when said housing is rotated in one direction which will be released from said gear when rotated in the reverse direction, and a coil spring mounted within said housing and being adapted to rotate said housing so as to rotate said gear, said spring when breaking causing said housing to rotate in a direction to free the housing from the gear.



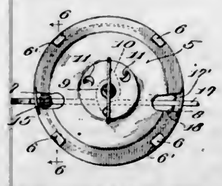
2. A device of the type described comprising a clock spring, a clock train operatively connected to one end of said spring, an alarm train, said alarm train having a stop member for preventing the normal operation of said train of alarm gears, means operatively connecting said alarm train with the other end of said spring, whereby said alarm train takes the place of the usual pawl and ratchet for preventing the unwinding of the spring, and means for permitting said alarm train connecting means to become disconnected from said spring when said spring is wound.

1,575,064. AXLE. FRANK MARION KENNEDY, Clarendon, Ark. Filed Sept. 1, 1925. Serial No. 53,933. 4 Claims. (Cl. 301—124.)



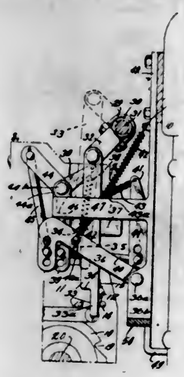
2. In a vehicle axle, a plurality of beams, of rectangular cross section arranged with their longer cross sectional dimensions in perpendicular relation, bearing members having sockets shaped to fit the ends of said beams, receiving the same, and a tie rod having a flat intermediate portion lying between said beams, and alined with the axes of said bearings, said tie rod being tensioned against said bearing members for securing them to said beams.

1,575,065. SPRING MOTOR. HARRY T. KINGSBURY, Keene, N. H. Filed Aug. 30, 1922. Serial No. 585,288. 7 Claims. (Cl. 185—45.)



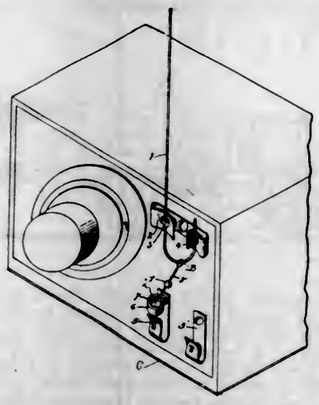
1. A spring motor, comprising a casing having a spring receiving chamber, a lateral rim carried by the chamber, a crown gear attached to the spring and resting on the rim, and a pinion gear carried by the casing and engaging the crown gear.

1,575,066. STARTER-PAWL TRIPPER FOR MAGNETOS. WILLIE E. LACEY, Royal, Iowa. Filed May 8, 1925. Serial No. 28,815. 8 Claims. (Cl. 123—149.)



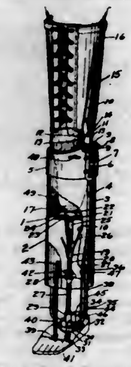
1. In combination with an engine, equipped with an impulse starter magneto, means for tripping the starting pawl of said magneto, said means comprising a frame supported on said engine, an arm clamped to the spark control mechanism of said engine, a bar pivoted to said arm, a shoulder on said bar for engaging a lever pivoted to said frame whereby movement of said spark control mechanism will move said lever for engaging said starter pawl.

1,575,067. FUNCTIONING PARTS OF MINERAL-TYPE DETECTORS. LEON B. LAMBERT, Wichita, Kans. Filed Feb. 17, 1925. Serial No. 9,792. 2 Claims. (Cl. 250—14.)



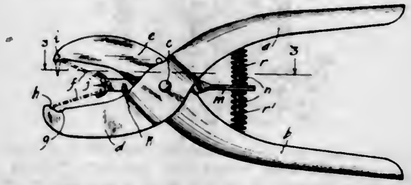
1. In the functioning parts of a mineral type detector radio set, the terminating end of the secondary coil having a return bend and firmly connected to the panel of the mineral set, said bend functioning as supporting means for the upper end of the contacting member, a contacting member having a loop on one end thereof, said loop adapted to engage on the bend of said terminating end of the said secondary coil, the oposite end being pointed and adapted to engage on a mineral detector, a weight intermediately positioned between said loop and point of said contacting member in combinatin with a rubber sponge cushion as support for said set as damping means.

1,575,068. ARTIFICIAL LIMB. THEODORE M. LAWRENCE, Seattle, Wash. Filed Aug. 20, 1924. Serial No. 733,042. 3 Claims. (Cl. 3—4.)



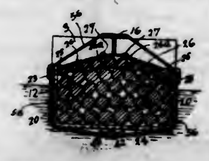
1. In an artificial limb a foot having adjustable features, a casing that may be placed around the limb, and a means for adjustably holding the casing to the foot; said casing having an adjusting disc with an adjustable center therein.

1,575,069. EAR-TAG TONGS. FRANK X. LENK, Portland, Oreg., assignor to Irwin-Hodson Company, Portland, Oreg. Filed Sept. 5, 1922. Serial No. 586,211. 7 Claims. (Cl. 128—331.)



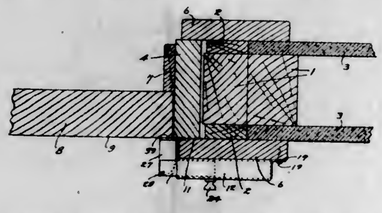
1. In ear-tag tongs of the character described, comprising pivotally connected levers having cooperating jaws each provided with a pocket for engaging the extremities of the arms of an ear-tag, thus to hold the latter against moving lengthwise in the jaws, and a centering arm extending between said jaws and provided at the extremity of such extension with a socket for receiving the heel of the ear tag.

1,575,070. LOG CARRIER. ALLAN WALTER LEWIS, Vancouver, British Columbia, Canada. Filed Dec. 3, 1924. Serial No. 753,698. 7 Claims. (Cl. 114—73.)



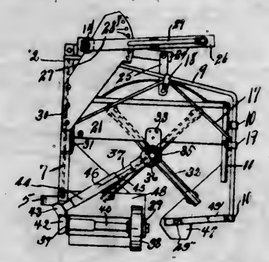
1. A log carrier comprising, a hull having an open hold extending throughout the major part of its length and water-tight compartments at its ends, adapted under water admission thereinto to sink to varying depths including total submergence of the hold while remaining buoyant, said hold having spaced channels extending transversely across but clear of the bottom of the hold and continued up the sides and over its opposite edges.

1,575,071. DOOR BOLT. AVIE JOHN LUMAN, Berkeley, Calif. Filed Feb. 24, 1925. Serial No. 11,253. 6 Claims. (Cl. 292—192.)



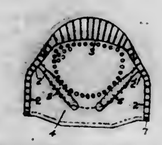
1. Locking means for a door having a casing framing the same and projecting beyond the plane of the closed door, comprising a guideway fixed to the casing adjacent the free end of the door and a bolt retractible therein having means associated therewith for turning the same around the edge of the casing into abutting relation with the face of the door when the bolt is projected.

1,575,072. INSECT-DESTROYING MACHINE. SAMUEL H. MANLY, Granbury, Tex. Filed Sept. 15, 1923. Serial No. 662,800. 4 Claims. (Cl. 43—142.)



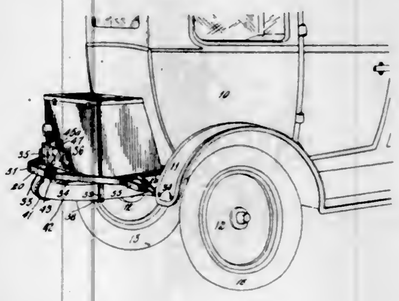
1. An insect destroying machine comprising a hanger frame provided with screen side members forming a longitudinal channel, a rod journaled in one side of said frame and provided with arms rigid therewith and projecting approximately horizontally therefrom, a screen hood suspended from said arms, a lever rigid with said rod for raising and lowering said hood, a rack for holding said lever at different adjustments, vertical guides for said hood, a reel journaled in said hood, means for driving said reel, and trap pans below said reel for catching insects.

1,575,073. LOCOMOTIVE BOILER. JOHN LUTHER NICHOLSON, Chicago, Ill., assignor to Locomotive Firebox Company, Chicago, Ill., a Corporation of Delaware. Filed May 15, 1922. Serial No. 560,904. 6 Claims. (Cl. 122—68.)



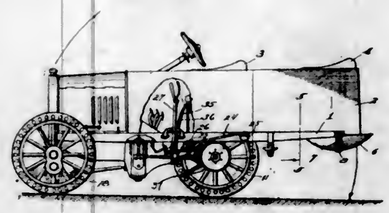
1. A locomotive boiler firebox of the anthracite burning type, in combination with a pair of substantially triangular thermic siphons therein, each of said siphons being disposed in planes inclined from the vertical and drawing water from a water leg of the firebox and delivering the same into the upper part of a side water leg of the firebox, substantially as and for the purposes specified.

1,575,074. COMBINATION FENDER BRACE, BUMPER, AND TRUNK SUPPORT. ALGOT W. NORDOREN, St. Paul, Minn., assignor to Marquette Manufacturing Company, St. Paul, Minn. Filed Nov. 17, 1924. Serial No. 750,292. 5 Claims. (Cl. 293—55.)



1. The combination with an automobile body having a pair of fenders supporting members fixed to the automobile body and extending rearwardly therefrom a bumper secured to the free ends of said members and having its ends projected beyond said members and in the rear of said fenders, said bumper member being bowed outwardly midway between its ends, brace elements connected to the fenders of the automobile, a tire support secured to said supporting members and coming within the outline of the bowed portion of the bumper and a trunk supported by said supporting members.

1,575,075. AMUSEMENT DEVICE. GEORGE T. O'MALEY, Kansas City, Mo. Filed Dec. 1, 1924. Serial No. 753,184. 1 Claim. (Cl. 180—1.)



An amusement device adapted to perform antics such as rearing, bucking and pivoting rapidly in either direction with the manipulation of the control mechanism, consisting of a motor driven vehicle having its rear wheels moved forward to the position of a fulcrum to substantially balance the body when loaded, eccentrically mounted front wheels, separate brakes and brake controls for the respective wheels, and drag means at the rear of the body upon which the body rests and slides when in a reared up position.

1,575,076. ELECTRIC SWITCH. ALFRED PAGE, London, England. Filed May 26, 1925. Serial No. 32,869. 7 Claims. (Cl. 200—161.)

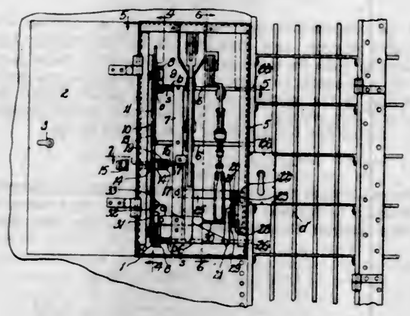
1. An electric switch comprising in combination fixed contacts, a contacting member, an actuating member, an intermediate member separate from said contacting member and said actuating member, said intermediate member being operated upon by said actuating member and

adapted to move said contacting member over the first part of its movements required for both engagement with and disengagement from said contacts and automatic



means whereby said contacting member is moved independently of said actuating member over the position at which electrical connection between said contacts and said contacting member is actually made or broken.

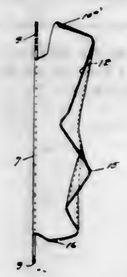
1,575,077. JAIL-DOOR-LOCKING MECHANISM. PETER J. PAULY, St. Louis, Mo. Filed Oct. 5, 1925. Serial No. 60,518. 4 Claims. (Cl. 189—7.)



1. In combination with a door, a locking mechanism therefor comprising a plurality of locking bolt adapted to enter suitable openings in the margin of said door, said locking bolts being provided with notches in aligning relation, a lock bar transversely disposed with relation to the locking bolts and provided with a plurality of openings adapted to be traversed by said bolts, said lock bar being longitudinally movable to permit engagement of the margins of the openings with the notches in the locking bolts to hold the same against movement, an operating handle for the locking bolts, suitable connections between said handle and the bolts, and suitable connections between said handle and the aforesaid locking bar, said handle being movable in a given direction to release the locking bar from the bolts and movable in an opposite direction to effect a release of the bolts from the door.

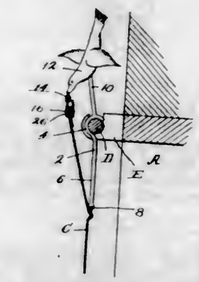
1,576,078. OIL COLLECTOR AND DISTRIBUTOR. JOHN H. PIPER, Palo Alto, Calif. Filed June 25, 1923. Serial No. 647,584. 2 Claims. (Cl. 184—11.)

2. An oil collector having an oblong upright intermediate member, the opposite end portions of which are disposed in angular relation to the intervening portion and one of these being curved and flared, said collector also having a securing flange connected to the upright member between said end portions thereof and an oblong pan portion having three of its lateral edges connected to the entire lower edge of the upright intermediate member and formed with a series of transverse ducts opening through the free side of the pan member and disposed in different parallel planes and sloping inwardly with respect to the free edge of the pan portion, said



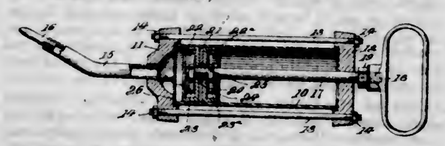
securing flange and pan portion being arranged in substantially parallel planes and extending in opposite directions from the intermediate member.

1,575,079. CURTAIN FIXTURE. LOUIS H. REINHARDT, Independence, Mo., assignor of one-half to Edward F. Reinhardt, Gore, Mo. Filed May 9, 1924. Serial No. 712,151. 1 Claim. (Cl. 156—21.)



A curtain fixture consisting of a rod over which the upper end of a curtain may be secured, a hook adapted to be suspended from a curtain pole, a shank depending from said hook, a fastener carried by said shank and adapted to engage and support the major portion of a curtain, a stem projecting upwardly from said hook, and a fastener associated with said stem and provided with spring-actuated jaws for engaging over the rod and adapted to engage and support the lower margin of the curtain.

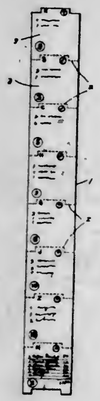
1,575,080. GREASE GUN. FREDERICK T. RUNDELL, Morgantown, W. Va., assignor to Monongahela Supply Company, Morgantown, W. Va., a Corporation of West Virginia. Filed May 23, 1921. Serial No. 471,719. 2 Claims. (Cl. 74—109.)



1. In a grease gun a piston cup of flexible material adapted to be movably mounted in a grease gun cylinder, a metal reenforcing cup located within the piston cup and provided with parallel slits forming spring tongues

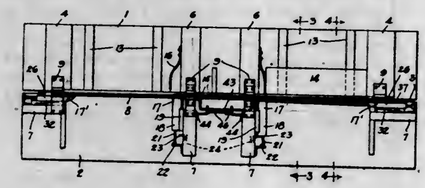
the ends of said tongues being curved outwardly at approximately right angles to maintain a substantially continuous outwardly acting backing for said piston cup, and a piston rod engaging said cups.

1,575,081. RECORDING STRIP. ANTON SUK, Santa Cruz, Calif. Filed Oct. 15, 1921. Serial No. 507,944. 1 Claim. (Cl. 283—62.)



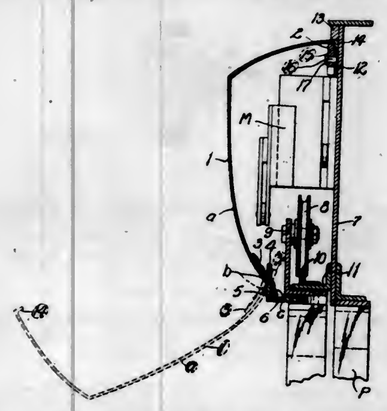
A record strip comprising a single oblong length of flexible fibrous material having equally spaced portions thereof scored transversely to provide a series of detachable sections, the scoring between adjacent sections extending along an irregular shaped line so that each section upon detachment will have at one end a projecting tongue.

1,575,082. MACHINE FOR SPLITTING SHAKES. JAMES N. THOMAS, Garberville, Calif. Filed Mar. 4, 1924. Serial No. 696,816. 6 Claims. (Cl. 144—162.)



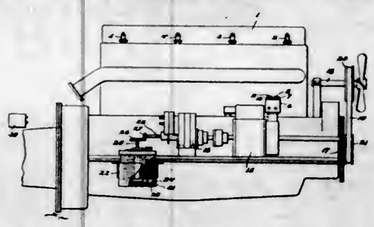
1. In a bolt splitting machine of the character described, two elongated tables placed alongside of one another so as to form a crack, a blade mounted for reciprocal motion in and over said crack and means for securing a bolt on the tables in operative relation to the blade so as to slightly project from one of the tables over the crack comprising transverse guide means for the bolt on one of the tables and stopping elements engaging opposite ends of the bolt mounted on the other table, one of the elements including a retractible sliding block and adjustable means for effecting a positive stop of the block and the other element including a pivtoted block, yielding means opposing pivotal motion and adjustable means for positively stopping pivotal motion at a predetermined point.

1,575,083. COVERING BOX. MICHAEL J. TRACY, St. Louis, Mo., assignor to Pauly Jail Building Company, St. Louis, Mo., a Corporation of Missouri. Filed Oct. 5, 1925. Serial No. 60,515. 7 Claims. (Cl. 189—5.)



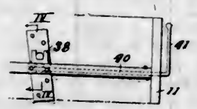
1. In combination with a wall plate, a covering box mounted thereon, said covering box having suitable lugs projecting from its lower edge and adapted to enter slots in the wall plate, an inwardly turned flange on the opposite edge of the covering plate, locking means within the covering box effective on said flange, and means outside the covering box for actuating said locking means.

1,575,084. ELECTRICAL AUXILIARY ARRANGEMENT. ROBERT L. WALSH, Washington, D. C. Filed Sept. 9, 1920. Serial No. 409,236. 1 Claim. (Cl. 290—31.)



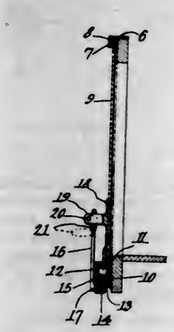
In combination with an electric starter motor generator means for an engine, a storage battery for said motor generator means, means to effect a depolarization of said storage battery, an engine coupled to said starter motor generator means, and further means whereby said depolarization means and said motor generator are simultaneously actuated at starting by the battery.

1,575,085. TEXTILE-TREATING MACHINE. OLIVER S. WRIGHT, Philadelphia, Pa. Filed Aug. 4, 1922. Serial No. 579,552. 11 Claims. (Cl. 68—21.)



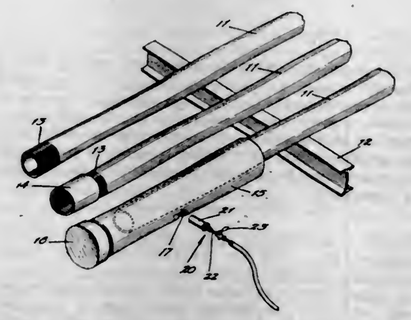
2. In a textile treating machine, an enclosure, an oscilatable container having trunnions mounted therein, a motor rigidly supported exteriorly of the enclosure, means directly driven by said motor for co-action with one of said trunnions to oscillate the container, means whereby the container may be laterally shifted for removal and replacement, and means serving to lock the container in operative connection with the driving means subsequent to replacement.

1,575,086. CRANK LOCK FOR BOX CARS. ADOLPH E. ASHLEMAN and THOMAS E. HANEY, Waco, Tex. Filed July 25, 1925. Serial No. 46,057. 1 Claim. (Cl. 268—6.)



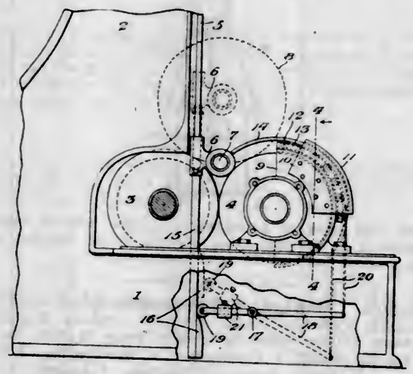
A sliding door for cars including a body portion, a plate secured to the lower end of the door and having a downwardly extended portion, the main portion of the plate being disposed in spaced relation with the lower end of the body portion, rollers positioned between the door and plate, a track secured to the car and having a depending flange formed along one edge thereof, a rack bar secured on the inner surface of the track, a bracket member secured to the door and overlying the plate, said bracket member having an inwardly and upwardly extended portion, a pinion supported by the bracket member and adapted to mesh with the rack bar to operate the door, a shaft on which the pinion is mounted, an operating handle secured to the shaft for rotating the pinion, and means for lockng the operatng handle aganst movement.

1,575,087. APPARATUS FOR ANNEALING PIPE. CHARLES W. BARDEEN, Long Beach, Calf., assignor to B and B Pipe Shops, Inc., Long Beach, Calif., a Corporation of California. Filed Jan. 15, 1925. Serial No. 2,467. 5 Claims. (Cl. 266—4.)



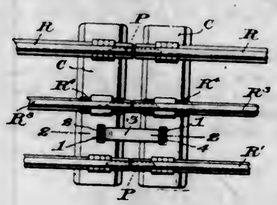
2. An apparatus for annealing the ends of pipe comprising: a muffle having a closed outer end and an open inner end and adapted to be placed over a projecting end of the pipe, said muffle resting upon and being entirely supported by said pipe; and means for projecting hot gases into the space between the pipe and the muffle in a manner to permit said gases to escape from said open inner end of said muffle.

1,575,088. GUARD FOR PAPER-WINDING MACHINES. ALFRED E. BARTLETT, Ogdensburg, N. Y., assignor of one-third to Richard Spry and one-third to Alderic M. Cormier, both of Ogdensburg, N. Y. Filed Mar. 18, 1925. Serial No. 16,378. 19 Claims. (Cl. 74—105.)



1. Guarding mechanism including a stationary guard, guide plates secured thereto and having inwardly extending flanges spaced apart from said stationary guard, anti-friction rollers securely carried by said stationary guard, and a movable guard interposed between said inwardly extending flanges and the anti-friction rollers, and movable relative thereto.

1,575,089. CLIP FOR TOY TRACKS. HARRY S. BECKER, River Forest, Ill., assignor to American Flyer Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 27, 1925. Serial No. 65,180. 7 Claims. (Cl. 238—10.)

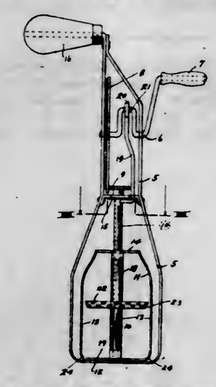


1. A track clip for toy railway track sections, comprising in combination with the ties of adjacent sections having slots, of resilient means for engaging in said slots to hold said track sections together.

1,575,090. EGG BEATER. FREDERICK BENSON, San Francisco, Calif. Filed May 26, 1924. Serial No. 715,992. 4 Claims. (Cl. 259—126.)

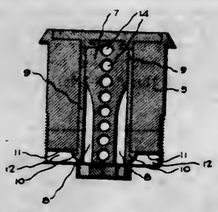
1. A beater comprising an open frame allowing the material to be beaten to readily flow therethrough transversely thereof, a rotary agitator, means for throwing matter to be agitated into the presence of the agitating

surfaces of the agitator, and mechanism for operating said means and the agitator simultaneously, said means operating inwardly of the path of rotation of said agi-



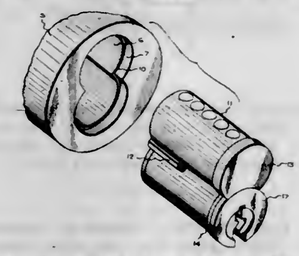
tator and being of perforated cup form adapted when moved to an extreme lower position to be disposed at the extreme base of the rotary agitator.

1,575,091. MANUALLY-RELEASABLE SNAP-LATCH-LOCK CORE-HOLDING DEVICE. FRANK ELLISON BEST, Seattle, Wash., assignor to Frank E. Best, Inc., Seattle, Wash., a Corporation of Washington. Filed Aug. 21, 1923. Serial No. 658,569. 5 Claims. (Cl. 70—46.)



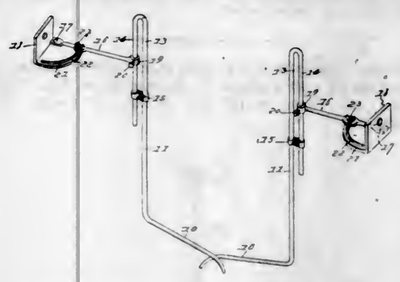
2. In a lock, a core case, a core removable from said core case and snap means for locking said core in said core case said snap means being releasable manually without the use of a key from the exterior of said core case.

1,575,092. LOCK FACE. FRANK ELLISON BEST, Seattle, Wash., assignor to Frank E. Best, Inc., Seattle, Wash., a Corporation of Washington. Filed Oct. 9, 1924. Serial No. 742,599. 5 Claims. (Cl. 70—46.)



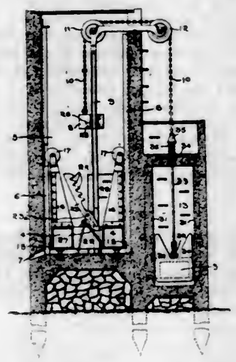
1. In a cylinder lock, a lock face of figure 8 shape having a thicker solid portion at one end and a thinner ring portion at the other end, a key plug arranged to extend through said ring and a head on said key plug arranged to overlap said ring.

1,575,093. WEEDER FOR CULTIVATORS. CLARENCE BISHOP, New Florence, Mo. Filed Jan. 6, 1923. Serial No. 611,067. 4 Claims. (Cl. 37—193.)



1. A weeding device for corn cultivating machines having weed folding arms laterally directed toward a row of corn stalks for bending the weeds in the direction of the progress of the cultivators in advance of the hilling shovels, said folding arms being provided with upright torsional stems and means for supporting the same from the cultivator frame.

1,575,094. AUTOMATIC OUTFALL FOR THE TIDAL DISCHARGE OF SEWAGE. HAROLD EDWARD BRIGHT, Hamilton, New Zealand. Filed Oct. 10, 1924. Serial No. 742,937. 4 Claims. (Cl. 61—16.)

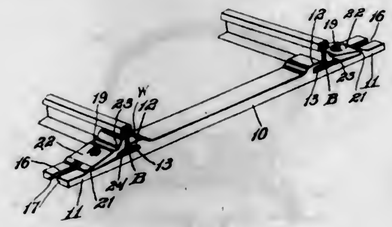


1. In apparatus wherein a sewage control gate is operated to open an outlet by means of a descending float, a ratchet-toothed catch lever pivotally mounted on the float, a catch block connected with the gate and arranged to be engaged by the ratchet-toothed catch lever whereby the control gate begins to open as soon as the float commences to descend, substantially as described and illustrated.

1,575,095. RAILROAD TIE. ERNEST C. BUCHANAN, Sullivan, Ky. Filed Nov. 24, 1925. Serial No. 71,140. 1 Claim. (Cl. 238—284.)

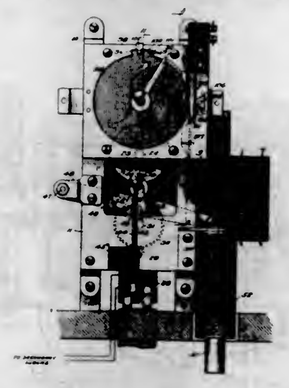
A metallic tie comprising a body portion having reduced extensions at opposite ends thereof, said body portion at each end thereof being provided with a longitudinally projecting flange overlying the upper surface of the inner end of the corresponding extension, said flange being adapted to overlie the inner flange of the base of a rail, the outer ends of the extensions having

longitudinally extending slots opening through said outer ends adapted to receive the stems of securing elements, the lower edges of the slots being cut away for the reception of the head of the securing elements, said slots



at the inner ends thereof being deepened to provide a socket for the reception of the head of the securing element and a rail retaining plate engaged with the securing element and engaging the outer flange of the rail.

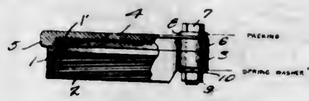
1,575,096. MECHANISM FOR SYNCHRONIZING CLOCKS. THADDEUS STEPHENS CASNER, Plainfield, N. J., assignor, by mesne assignments, to Radio Electric Clock Corporation, New York, N. Y., a Corporation of Delaware. Filed Mar. 24, 1921, Serial No. 455,262. Renewed Feb. 5, 1925. 42 Claims. (Cl. 58—35.)



7. In the automatic correction of a clock by recurrent electrical impulses separated by time intervals of different lengths through the medium of electrically actuated mechanism, the method of selecting an impulse following a relatively long interval between impulses which comprises arranging said mechanism so as to tend to change its condition during the time that impulses are being received, but to actually change to a certain condition only in the absence of recurrent electrical impulses during a predetermined period, and employing one of said impulses to actuate said mechanism when said change has occurred.

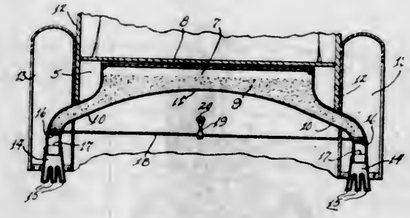
1,575,097. GASOLINE-TANK CAP. HENRY H. CONNER, Jr., Ithaca, N. Y. Filed July 11, 1923. Serial No. 650,940. 1 Claim. (Cl. 220—33.)

A closure cap comprising an internally threaded collar, an ear formed thereon and extending laterally from the upper face thereof, an inwardly directed annular flange formed upon the upper edge of the collar, a closure plate normally resting upon the flange and an ear formed therewith and registering with the first mentioned ear, a bolt passing through the ear, resilient means associated with the bolt for holding the pivot plate against accidental displacement, the closure plate being slightly



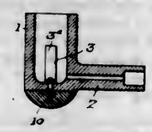
larger in diameter than the collar whereby it can be engaged by an object and moved to one side of the collar, the flange serving to limit the turning of the collar on a radiator cap and also serving as a bearing surface over which the cover plate is adapted to move.

1,575,098. SANDING DEVICE. RENE HENRY CONTY, Chicago, Ill. Filed Mar. 14, 1925. Serial No. 15,670. 2 Claims. (Cl. 291—28.)



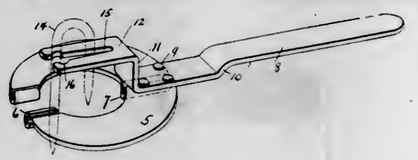
1. The combination with a motor vehicle, of a sanding device comprising a hopper carried by the vehicle, a delivery duct communicating with said hopper at one end and having its opposite end in registration with one of the wheels of said vehicle, a distributer member disposed at the lower end of the duct, said duct having a portion of its wall cut away, a valve member hingedly mounted upon said duct adjacent to said cutaway portion of the duct, and manually actuated means for moving the valve on its hinged support so as to lie transversely across the duct thereby closing the duct and whereby the valve may be moved into registration with the cutaway portion of the duct so as to entirely close that portion and lie contiguous therewith.

1,575,099. PIPE. BOLTON L. COBSON, Plymouth Meeting, Pa. Filed Feb. 9, 1921. Serial No. 443,579. 1 Claim. (Cl. 131—12.)



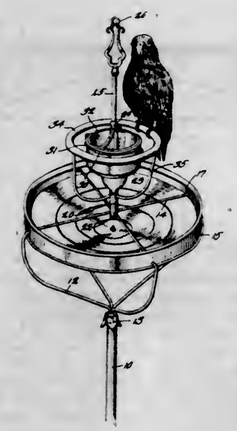
A pipe comprising a bowl, a stem extending from the bowl, a cleaning element movably mounted in the bowl, a shaft secured to said element and extending through an aperture in the bottom of the bowl, and an operating element for the cleaner secured to said shaft on the under side of the bowl and shaped to appear as a continuation of the latter.

1,575,100. WIRE STRETCHER. CHARLES W. COSSMAN, Newark, N. J. Filed May 13, 1925. Serial No. 30,130. 6 Claims. (Cl. 140—123.5.)



1. An implement of the class described comprising a stabilizing plate, a handle secured to said plate, said handle having a staple gripping member whereby a wire may be twisted with a staple when the handle is manipulated.

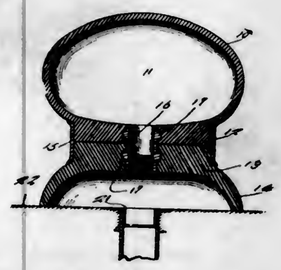
1,575,101. BIRD STAND. JOSEPH S. EDWARDS, Long Beach, Calif. Filed Apr. 10, 1925. Serial No. 22,224. 8 Claims. (Cl. 119—26.)



8. A bird stand comprising a supporting standard, a frame including an annular horizontally disposed band, rods extending upwardly and radially from the standard and supporting the band, said rods terminating in horizontally disposed inwardly extending portions with their free ends located centrally of the band, a tray detachably engaging the rods, a receptacle, means extending from the bottom of the receptacle and engaging the free ends of the rods to connect said rods and support the receptacle centrally above the tray, feed and water containers within the receptacle, a perch extending around the receptacle and means to support the perch from the receptacle supporting means.

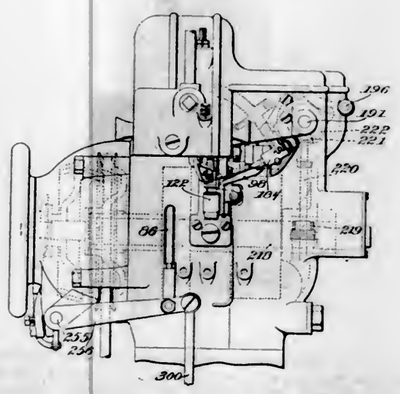
1,575,102. PLUNGER. LOUIS A. FISET, Amsterdam, N. Y., assignor of one-half to William J. Collins, Amsterdam, N. Y. Filed Feb. 25, 1925. Serial No. 11,576. 3 Claims. (Cl. 4—255.)

3. A plunger composed of upper and lower sections respectively, the upper section being hollow and bulb-like, the lower section having an outwardly converging annular flange portion extending from the lower portion thereof, a band member extending around the inner portion of the section and associating the same, and an interiorly threaded pipe member having flange members



extending from the outer surfaces thereof, and embedded within the inner portions of the sections and establishing communication within the upper bulb-like sections.

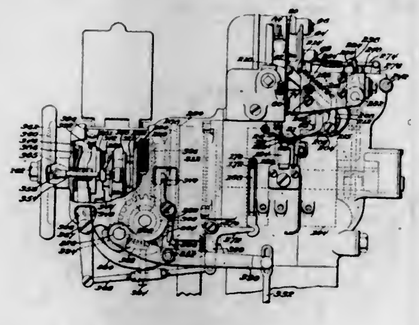
1,575,103. INSEAM-SHOE-SEWING MACHINE. ALFRED B. FOWLER, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Sept. 14, 1918. Serial No. 254,104. 61 Claims. (Cl. 112—35.)



1. A shoe sewing machine, having, in combination, a curved hook needle, a needle guide for said needle, needle actuating means for advancing and retracting the needle and a cam operated by said needle actuating means for advancing and retracting said needle guide.

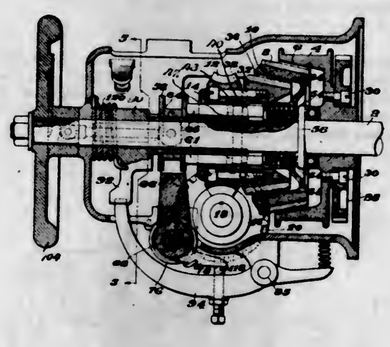
1,575,104. SEWING MACHINE. ALFRED B. FOWLER, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed May 21, 1919, Serial No. 298,589. Renewed July 30, 1925. 12 Claims. (Cl. 112—50.)

1. An inseam shoe sewing machine having, in combination, stitch forming devices including a curved hook needle, a channel guide, means comprising a two-part lever for moving said channel guide transversely of the direction of feed about a fixed axis, and means permitting an adjustment of the parts of said lever with relation



to each other to adjust the channel guide in its path of movement transversely of the direction of feed about said axis.

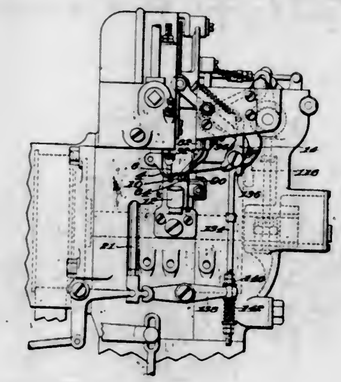
1,575,105. STOP MECHANISM. ALFRED B. FOWLER, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Oct. 25, 1919. Serial No. 333,275. 20 Claims. (Cl. 192—144.)



1. A stop mechanism having, in combination, a driven member, a high speed driving mechanism therefor, a low speed driving mechanism therefor comprising a friction clutch and a positive clutch, the friction clutch acting first to reduce the speed of the driven member to that of the low speed mechanism and the positive clutch then acting to drive the driven member, and means for shifting from the high to the low speed driving mechanisms.

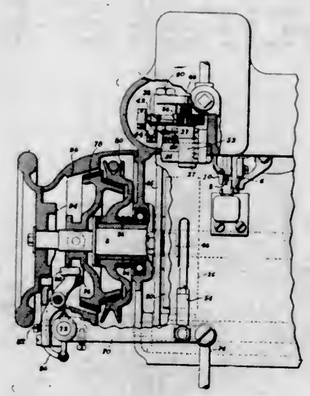
1,575,106. SEWING MACHINE. ALFRED B. FOWLER, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Dec. 29, 1919, Serial No. 348,065. Renewed July 30, 1925. 19 Claims. (Cl. 112—47.)

1. An inseam shoe sewing machine having, in combination, stitch forming devices, a feed point arranged to engage the shoe at the top of the between substance of the sole, and means to force the feed point into the



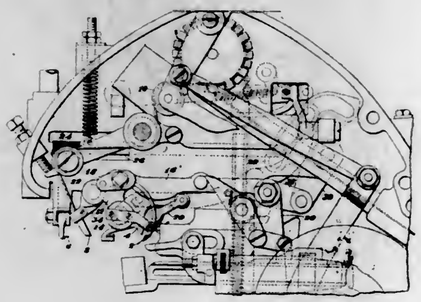
work, to relieve the pressure of the feed point on the work, and to actuate the feed point to feed the work while the pressure thereof is relieved.

1,575,107. SEWING MACHINE. ALFRED B. FOWLER, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Jan. 14, 1920, Serial No. 351,432. Renewed July 30, 1925. 14 Claims. (Cl. 112—55.)



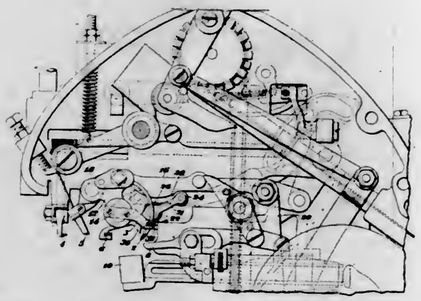
1. A sewing machine having, in combination, stitch forming device including a hook needle and a looper, and mechanism for shifting the position of the looper relatively to the needle without altering the shape of the path described by the looper as the machine is stopped to prevent the laying of the thread in the barb of the needle during the final cycle of operations of the machine and for returning the looper to its initial position relatively to the needle upon starting the machine into operation.

1,575,108. SEWING MACHINE. ALFRED B. FOWLER, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Original application filed May 21, 1919, Serial No. 298,589. Divided and this application filed Sept. 25, 1920, Serial No. 412,651. Renewed Aug. 27, 1925. 6 Claims. (Cl. 112—35.)



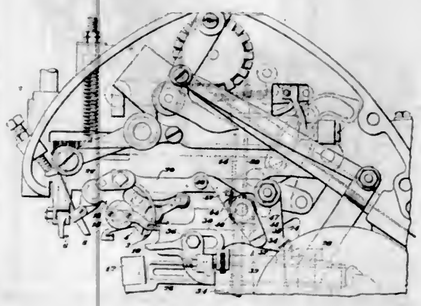
1. A chain stitch inseam shoe sewing machine having in combination, a curved hook needle, a looper movable to lay the thread in the hook of the needle, a take-up, and a thread finger engaging the thread between the looper and the work mounted to have a loop drawing movement in the direction of feed outside of the seam.

1,575,109. SEWING MACHINE. ALFRED B. FOWLER, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Original application filed May 21, 1919, Serial No. 298,589. Divided and this application filed Sept. 25, 1920. Serial No. 412,652. 6 Claims. (Cl. 112—35.)



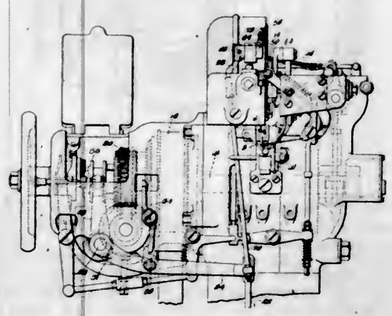
1. A shoe sewing machine having, in combination, stitch forming devices including a curved hook needle arranged to pass through the channel of a shoe sole beneath the channel flap, a channel flap closing device movable into and out of engagement with the work, and means for yieldingly pressing the channel flap closing device against the work while the needle is in the work.

1,575,110. SEWING MACHINE. ALFRED B. FOWLER, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Original application filed May 21, 1919, Serial No. 298,589. Divided and this application filed Sept. 25, 1920, Serial No. 412,653. Renewed Aug. 27, 1925. 3 Claims. (Cl. 112—39.)



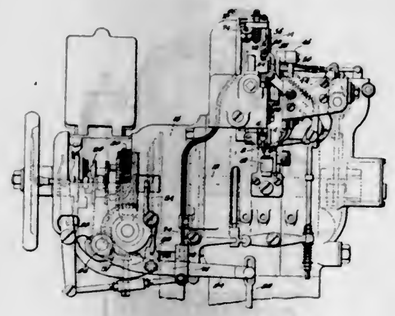
1. An inseam shoe sewing machine having, in combination, stitch forming devices including a curved hook needle, a back gage movable toward and from the work, means for locking the back gage against the work and for unlocking the back gage, a spring acting on said gage, means for increasing the tension of the spring to press the back gage against the work and for decreasing the tension of the spring after the gage is locked in position, and means for retracting the back gage.

1,575,111. SEWING MACHINE. ALFRED B. FOWLER, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Oct. 21, 1920, Serial No. 418,450. Renewed Mar. 26, 1924. 19 Claims. (Cl. 112—57.)



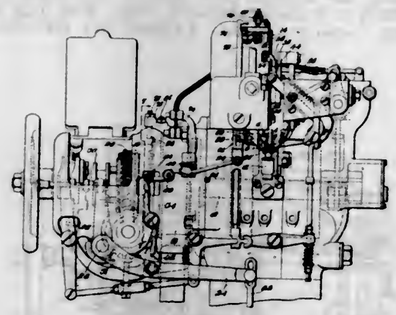
1. A shoe sewing machine having, in combination, stitch forming devices including a hook needle, a needle carrier, a main take-up, an auxiliary take-up, and means operated by the needle carrier for raising the auxiliary take-up against the strain of the thread during the taking-up stroke of said main take-up and for holding said auxiliary take-up raised during the remainder of the taking-up stroke.

1,575,112. SEWING MACHINE. ALFRED B. FOWLER, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Oct. 21, 1920, Serial No. 418,451. Renewed Mar. 5, 1925. 18 Claims. (Cl. 112—57.)



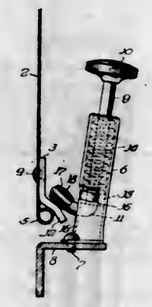
1. A sewing machine having, in combination, stitch forming devices, mechanism for exerting a strain on the thread, and treadle controlled means for adjusting said mechanism to vary the duration of said strain.

1,575,113. SEWING MACHINE. ALFRED B. FOWLER, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Filed Oct. 21, 1920, Serial No. 418,452. Renewed Apr. 1, 1925. 17 Claims. (Cl. 112—35.)



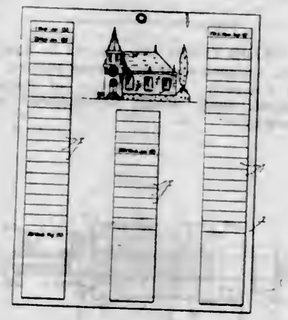
1. A sewing machine having, in combination, stitch forming devices including a needle, mechanism for exerting a strain on the thread during the retracting movement of the needle, and means rendered active upon a reduction in the speed of the machine to adjust said mechanism at a predetermined point in the retracting movement of the needle to increase the effectiveness of the strain during the continued retracting movement of the needle.

1,575,114. HOOD LATCH FOR AUTOMOBILES AND THE LIKE. CHARLES B. GILMORE, Chicago, Ill., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 14, 1924. Serial No. 749,982. 15 Claims. (Cl. 292—60.)



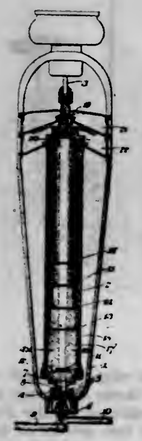
1. In combination with a closure member having a boss, a latch guide fixedly supported adjacent said member, a latch bolt supported by and slidable with respect to said guide, and a cam surface on said bolt adapted to engage said boss.

1,575,115. COMBINED CALENDAR AND CONTRIBUTION ENVELOPE. ADOLF T. HANSER, Buffalo, N. Y. Filed May 12, 1923. Serial No. 638,642. 1 Claim. (Cl. 40—122.)



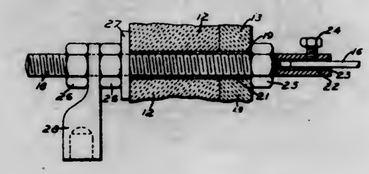
A calendar comprising a carrier and a plurality of contribution envelopes having their base portions detachably secured to said carrier and extending obliquely therefrom, said envelopes being sequentially arranged on the carrier, whereby portions of certain of the envelopes, bearing designations indicating period subdivisions of time, are exposed beyond the marginal edges of adjacent envelopes in a series, said envelopes being selectively removable as a whole from said carrier.

1,575,116. PROCESS AND APPARATUS FOR SECURING TEMPORARY INTIMATE CONTACT BETWEEN IMMISCIBLE LIQUIDS. LEO D. JONES, Philadelphia, Pa., assignor to The Sharples Specialty Company, Philadelphia, Pa., a Corporation of Delaware. Filed Sept. 3, 1921. Serial No. 498,368. 12 Claims. (Cl. 233—14.)



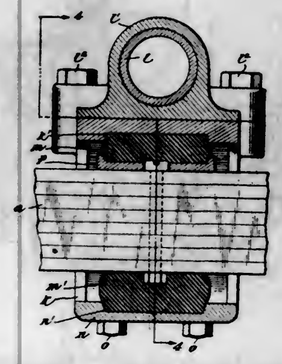
1. The process of treating one liquid substance with another immiscible liquid substance of different density, which consists in centrifugally stratifying said substances in concentric layers and flowing one of said substances in a thin layer or layers in contact with the other of said substances without emulsification.

1,575,117. OXIDE TERMINAL. ALVIN D. KEENE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 15, 1923. Serial No. 668,500. 7 Claims. (Cl. 201—63.)



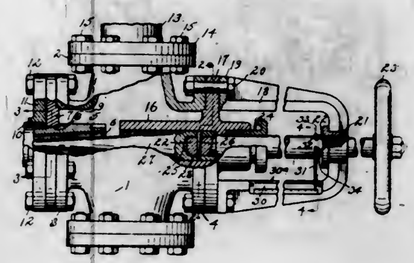
1. A terminal structure for a resistor member, comprising a terminal member, of larger cross-sectional area than said resistor member operatively engaging the same, and means in said terminal member that is operative at a high temperature to swell and tightly grip the resistor member.

1,575,118. CUSHIONED CONNECTION BETWEEN THE SPRING AND AXLE OF MOTOR VEHICLES. FRED L. LARCOT, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 13, 1923. Serial No. 674,462. 2 Claims. (Cl. 267—54.)



1. In a motor vehicle, the combination with the axle and vehicle leaf spring, of opposed seats carried with the axle and between which the spring extends, a seat carried with the spring to co-operate with the seats on the axle, separate blocks of yielding non-metallic material disposed between the seats on the axle and the spring respectively, and means to maintain said blocks under compression.

1,575,119. THROTTLING DEVICE. DAVID G. LORRAINE, Los Angeles, Calif., assignor of one-half to Willard L. Burrough, Fullerton, Calif. Filed June 1, 1922. Serial No. 565,147. 2 Claims. (Cl. 251—156.)



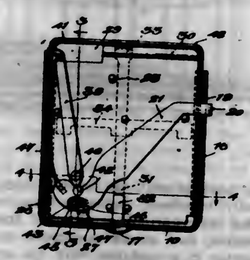
2. In a device of the character described, a casing having an outlet, a memoer having a bore provided with attaching means, an annulus received against said member and fixed to said casing for positioning said member against said casing and over said outlet, and a bushing in said casing detachably engaged by said attaching means.

1,575,120. WELL TOOL. GEORGE B. LOUDENBACK, Compton, Calif. Filed May 12, 1924. Serial No. 712,785. 6 Claims. (Cl. 255—76.)



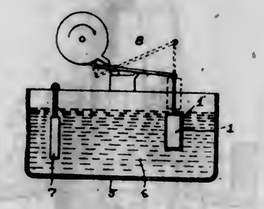
1. A drilling bit comprising: a pair of pivoted cutters; a feed screw adapted for variably spacing said cutters; a torsion spring adapted for actuating said feed screw; and a plunger adapted by reciprocation to cause said spring to act.

1,575,121. CIGARETTE CASE. GEORGE W. LYONS, New Haven, Conn., assignor to The Lyons Manufacturing Company, New Haven, Conn., a Corporation of Connecticut. Filed Dec. 29, 1923. Serial No. 683,448. 15 Claims. (Cl. 206—41.)



1. In a cigarette case; a body; a cover movably connected therewith; an inner plate connected with said body; and ejector mechanism comprising companion levers movably mounted upon said inner plate and spaced from the body so as to move freely relatively thereto irrespective of the shape or smoothness of the adjacent face of the body.

1,575,122. MOLD, DIE, AND THE LIKE AND METHOD OF MAKING THE SAME. CHARLES P. MADSEN, New York, N. Y., assignor to Madsenell Corporation, New York, N. Y., a Corporation of New York. Filed June 25, 1919, Serial No. 306,597. Renewed May 7, 1925. 10 Claims. (Cl. 22—136.)



1. As an article of manufacture, a mold, die or the like comprising a non-porous, malleable, nickel-containing metal provided with a dense, hard, adherent coating of an oxide of nickel.

1,575,123. MEDICAL APPLIANCE. LEON MARTOCCI-PISCULLI, New York, N. Y. Filed Aug. 1, 1922. Serial No. 578,860. 1 Claim. (Cl. 128—270.)



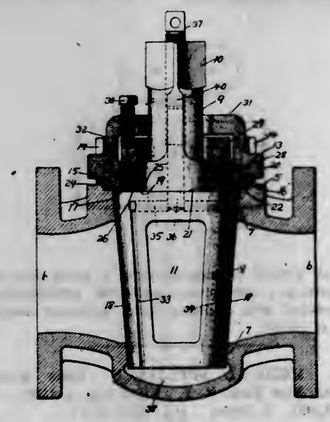
A medical appliance, including a substantially rigid soluble casing having a perforated end-portion, a tampon within said casing, and a medicinal agent disposed within said casing adjacent the perforated end thereof.

1,575,124. PAPER RECEPTACLE. ARLINGTON MOORE, Boston, Mass. Filed Mar. 23, 1921. Serial No. 454,765. 4 Claims. (Cl. 229—5.7.)



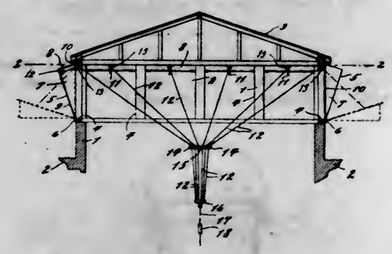
1. In combination with a paper receptacle having a reenforced rim, providing an external shoulder at its under side, a flexible closure therefor adapted to be bent down over said rim beneath said shoulder, a resilient wire ring adapted to be distended to pass over said rim and to press the closure against said shoulder and the adjacent portion of the side wall, and means adapted to be attached to said ring, to support the receptacle.

1,575,125. VALVE. SVEN JOHAN NORDSTROM, San Francisco, Calif., assignor, by direct and mesne assignments, to Merco Nordstrom Valve Company, San Francisco, Calif., a Corporation of Delaware. Filed Mar. 19, 1923. Serial No. 626,001. 4 Claims. (Cl. 251—108.)



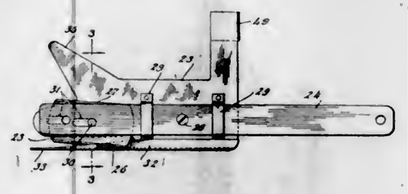
1. A valve comprising a casing having a passageway therethrough and a tapered valve seat therein, a plug seated in the valve seat and having a hole adapted to register with the passageway, the casing being provided with an annular recess surrounding the upper end of the tapered valve seat, a metal washer seated in the recess and extending to the valve stem, a resilient washer superposed upon the metallic washer, a valve cover for fixedly holding the outer edges or rims of the washers against the casing and means for adjustably holding the inner portions of the washers against the top of the tapered portion of the plug.

1,575,126. BUILDING STRUCTURE. JOSEPH A. PETERMAN, Brooklyn, N. Y. Filed Nov. 11, 1925. Serial No. 68,280. 3 Claims. (Cl. 108—31.)



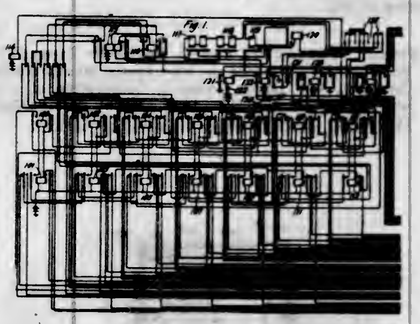
1. A superstructure for buildings comprising a frame projecting upwardly from and above the roof of said building and having, in a lateral wall, an opening with a substantially vertical jamb, a closure for said opening having triangular end walls with the long side of the triangle abutting the jamb, the two other and shorter sides of the triangle being connected by sheet walls, said closure being disposed across said opening with the free edge of the sheet wall connecting the triangular end pieces hinged along its lower edge to said frame along the lower edge of said opening, whereby said closure will swing outwardly and downwardly when opening and have its center of gravity to one side of the vertical plane of its hinged edge, to provide therefor a normal bias toward open position.

1,575,127. CUTTING MECHANISM FOR PILE FABRICS. ZDENKO PODHRADSKY, Astoria, N. Y., assignor to H. R. Mallinson & Co. Inc., New York, N. Y., a Corporation of Delaware. Filed Aug. 30, 1922. Serial No. 585,191. 12 Claims. (Cl. 26—8.)



5. In a pile cutting mechanism a carrier, a blade holding member supported thereby, a channel pile guide disposed below said blade holding member, a blade having a straight edge carried by said blade holding member in fixed and non-movable relation thereto, said blade having a cutting edge positioned in a gradually diverging direction from the pile guiding edges of said channel.

1,575,128. TESTING SYSTEM FOR TESTING SENDERS OF AUTOMATIC EXCHANGES. FRANK N. REEVES, Woodensburg, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 6, 1923. Serial No. 678,944. 12 Claims. (Cl. 179—175.)

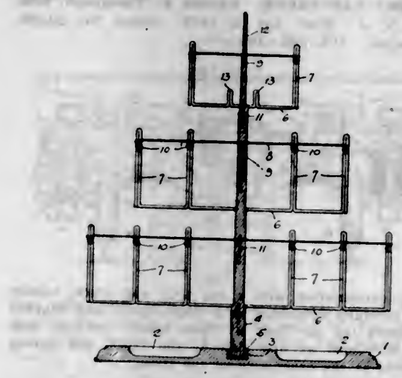


1. A testing arrangement for testing register senders of an automatic telephone exchange comprising means for transmitting interruptions at different speeds for setting said registers, and means responsive to the operation of the sender in accordance with the setting of its registers for testing the accuracy with which said registers have functioned in response to said interruptions.

1,575,129. SPOOL HOLDER. LULU E. SCHENCK, Los Angeles, Calif. Filed May 14, 1924. Serial No. 713,352. 7 Claims. (Cl. 223—57.)

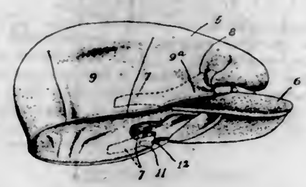
1. A device of the character described comprising a supporting upright, wires fixed to one side of the upright at vertically spaced points and branching laterally therefrom and bent to form spindles, and other wires

fixed to the opposite side of the upright in horisontal alinement with the upper portions of the spindles formed by the respective first wires, said other wires



extending laterally from the upright in spaced relation in front of the spindles and bent to form guide loops in front of the upper ends of the respective spindles.

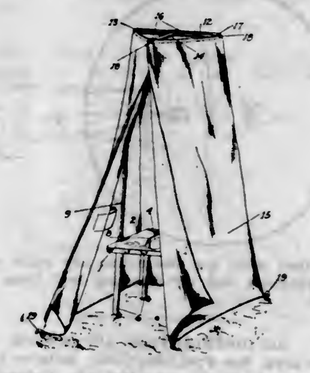
1,575,130. ADJUSTABLE-SIZE CAP. MORRIS SCHIFF, Bronx, N. Y., assignor of one-half to Philip A. Fischer, New York, N. Y. Filed Nov. 11, 1924. Serial No. 749,308. 2 Claims. (Cl. 2—197.)



1. An adjustable size cap of the class described composed of a facing and lining, said lining being continuous circumferentially at the head band portion of the cap and the facing being severed at the opposite sides of the front portion of and over the peak of the cap forming side flaps directed backwardly to form tongues which are positioned between the facing and lining, strap members secured to the free portions of the facing above the peak and which overlap the flap portions of said facing and said strap members and tongues forming the adjustable means for said cap and being concealed by that portion of the crown of the cap which rests upon the peak when the cap is in use.

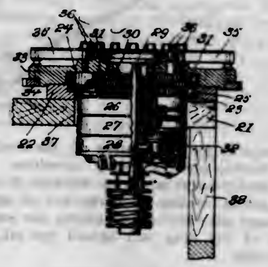
1,575,131. PORTABLE TOILET. ETTA MAY SCHUMACHER, Stockton, Calif. Filed Apr. 8, 1925. Serial No. 21,499. 5 Claims. (Cl. 4—116.)

1. A portable toilet comprising a seat adapted to be supported from the ground, a standard projecting upwardly from the seat and demountably supported therefrom, a bar mounted on top of the standard and adapted to extend horisontally across the plane of the seat or to be folded to lie alongside the standard, an arm pivoted onto said bar and adapted to extend horisontally at



an angle thereto or to lie in alignment therewith, and a flexible side enclosure for the seat hung from the ends of the bar and from the outer end of the arm.

1,575,132. ASSEMBLING AND DISASSEMBLING DEVICE. ARCH C. SHIRLEY, Fort Smith, Ark. Filed Dec. 1, 1924. Serial No. 753,259. 5 Claims. (Cl. 29—89.)

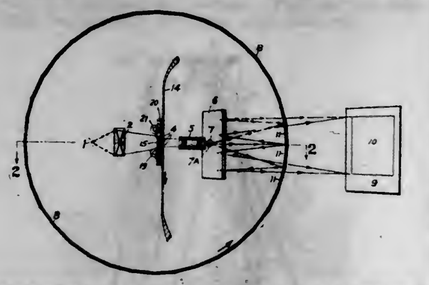


1. Means of the character described comprising a base plate having an opening therein, a disk fitting within and engaging the walls of the opening and supported by the base plate, said disk having a central opening and spaced sockets in one face thereof around the opening, reversible nested rings having seats in their opposite faces, means providing a removable engagement of the rings within the opening of the disk, a relatively small disk also adapted to be removably supported and engaged by the first mentioned disk and a central boss provided upon one face of the relatively small disk.

1,575,133. MOTION-PICTURE MACHINE. ISRAEL N. STEIGMAN, New York, N. Y. Filed May 3, 1923. Serial No. 636,309. 18 Claims. (Cl. 88—16.8.)

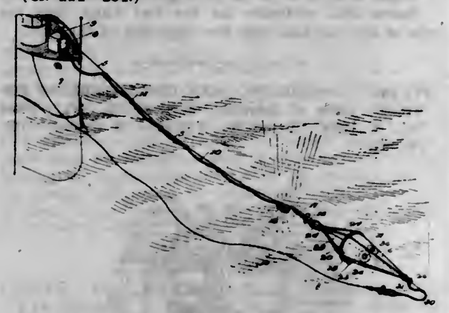
1. In a motion picture machine, a revoluble internally reflecting ring comprising a series of substantially plane reflectors each arranged with the reflecting surface thereof parallel to the axis of revolution of said ring, a film movably arranged inside of said ring, means for passing light through said film, means for focusing the

resulting beam of light at a predetermined point between said film and said reflectors and for directing said beam toward said reflectors, and means at said



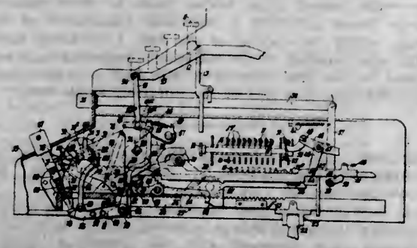
predetermined point for obstructing the beam reflected by said reflectors and for diverting said beam out of said ring.

1,575,134. OIL-DISTRIBUTING APPARATUS. HARRY W. STOCKING, San Francisco, Calif., assignor of forty-nine one-hundredths to John McKenna, Hoboken, N. J. Filed Mar. 4, 1924. Serial No. 696,763. 12 Claims. (Cl. 114—234.)



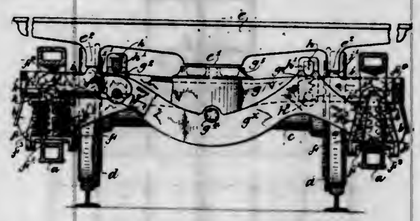
1. In apparatus for distributing oil, the combination of a tank, a flexible pipe extending therefrom, a sea-drag supporting said pipe at a remote distance from the vessel, and a nozzle at the discharge end of said pipe in axial alinement with said drag whereby the water thrown to the side of the drag will spread the oil discharged from the nozzle.

1,575,135. COMBINED TYPEWRITING AND COMPUTING MACHINE. ELISHA E. STRONG, Paris, France, assignor to Underwood Computing Machine Company, New York, N. Y., a Corporation of New York. Filed Feb. 21, 1924. Serial No. 694,211. 25 Claims. (Cl. 235—60.)



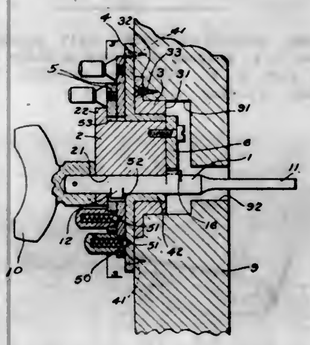
1. In a computing machine, the combination with a register having denominational dials, of numeral-keys, means operated by the actuation of said keys to perform a correct computation between two numbers, and means including a special key to make the result spurious to vary from the correct result by a definite amount.

1,575,136. CAR TRUCK. GEORGE K. THOMPSON, Summit, N. J. Filed Apr. 2, 1925. Serial No. 20,022. 6 Claims. (Cl. 105—190.)



1. In combination with a car body and truck, bolster levers pivotally connected at a middle point and adapted to support the car body at their middle portion, each lever fulcrumed at one side of the truck and spring supported at the other side of the truck.

1,575,137. COMBINATION LOCK. FRANK TORKA and WILHELM V. E. TORKA, Seattle, Wash. Filed Jan. 29, 1924. Serial No. 689,246. 6 Claims. (Cl. 70—53.)

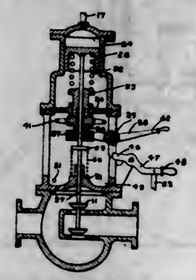


1. In a combination lock, the combination with a support and a lock unit removably secured therein, and including a rotatable lock shaft and combination means cooperable with said shaft to permit rotation thereof when the shaft and combination means assume a predetermined relative position, of a member directly secured to said support and hidden by said lock unit, and means removable from the support with said lock unit, and normally engaging said member to prevent removal of the lock unit while the shaft is in normal locking position, said means being operable by rotation of the shaft to disengage it from the said member when the shaft is turned from locking position.

1,575,138. GOVERNING APPARATUS. HENRY R. TROTTER, Morton, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 18, 1924. Serial No. 726,883. 8 Claims. (Cl. 264—14.)

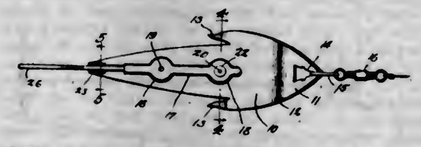
1. In a variable fluid pressure governing apparatus for a prime mover, the combination of a piston subjected on one side to the variable fluid pressure, an admission valve, a valve rod for actuating the admission

valve, said valve rod having a collar provided thereon near its inner end and being in abutting relation to the piston at its outer end, a relatively heavy spring bearing at one end against the piston and opposing the variable fluid pressure, an abutment for the opposite end of the spring, said abutment surrounding the valve rod



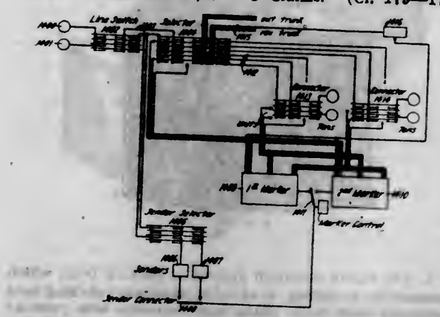
and being slidable with respect thereto, means for supporting the abutment, releasable means for retaining the supporting means in a fixed position, and means for releasing the releasable means, whereby the relatively heavy spring forces the abutment and supporting means against the collar on the valve rod forcing the valve to a closed position.

1,575,139. FISH BAIT OR LURE. ROBERT S. WIESENFELD, Baltimore, Md. Filed Sept. 10, 1925. Serial No. 55,461. 4 Claims. (Cl. 43—45.)



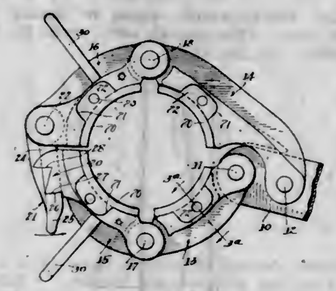
4. In a spoon hook, a spoon body provided with spaced openings for the selective reception of hook attaching means, and hook attaching means secured in a selected opening, and a hook connected to said attaching means, said body also having grooves alined with said openings whereby to receive the shank of the hook, one of said grooves have spaced enlargements at each opening to receive a hook eye.

1,575,140. TELEPHONE-EXCHANGE SYSTEM. SAMUEL B. WILLIAMS, Brooklyn, N. Y., assignor, by mesne assignments, to Western Electric Company, Incorporated, a Corporation of New York. Filed Mar. 31, 1925. Serial No. 19,577. 8 Claims. (Cl. 179—17.)



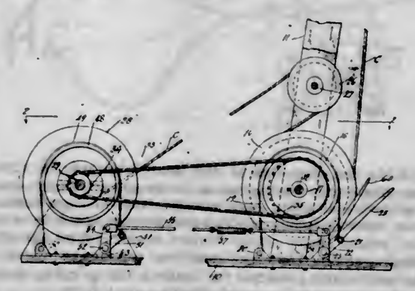
1. In a telephone system, a party line, a trunk circuit, a selective switch for extending said trunk to said line, a switch controlling marker for operating said switch, a source of ringing current in the trunk circuit, means in the marker operated by said switch in making connection with said line, and means thereupon controlled by the marker for applying said ringing current to the line in a characteristic manner.

1,575,141. PIPE TONGS. ELIHU C. WILSON, Los Angeles, Calif. Filed Oct. 4, 1922. Serial No. 592,439. 8 Claims. (Cl. 81—66.)



1. A pipe tongs adapted to take work of different diameters, including a lever, two oppositely disposed series of pivotally interconnected pipe encircling segments, each series pivotally connected at one end to the lever and the two series being substantially alike, and lying in substantially symmetrical relation with reference to the longitudinal axis of the lever, and a resiliently actuated latch mechanism to latch the two series together selectively in position to encircle pipe or the like of different diameters, said latch mechanism including a latch member on one segment and a lug member on the other, one of said members having a plurality of latch engaging shoulders spaced apart in a direction circumferential of the pipe, spring means urging the latch and lug members into latching engagement, and the lug and latch members being shaped so that the latch member rides up over the lug member as the tongs are closed around a pipe and selectively engages with either of its shoulders.

1,575,142. HOISTING APPARATUS. ELIHU C. WILSON and WILLIAM WEBSTER WILSON, Los Angeles, Calif. Filed Dec. 28, 1923. Serial No. 683,190. 9 Claims. (Cl. 254—176.)

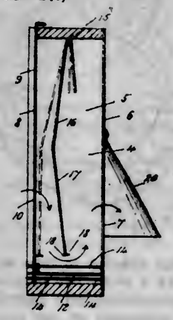


1. In a device of the character described, a driven sheave, a reel for storing cable fed thereto by rotation of the sheave in one direction and adapted to pay out said cable as the sheave rotates in the opposite direction, the reel being rotated by the withdrawal of cable therefrom, means for checking rotation of the sheave, and means for checking rotation of the reel, one of said checking means being adapted to be put into operation by virtue of the putting of the other into operation.

1,575,143. PHOTOGRAPHIC SENSITIZER. MURRAY C. BEEBE and ALEXANDER MURRAY, Cincinnati, Ohio, assignors to The Wadsworth Watch Case Company, Dayton, Ky., a Corporation. Filed Nov. 18, 1922. Serial No. 601,885. 5 Claims. (Cl. 95—7.)

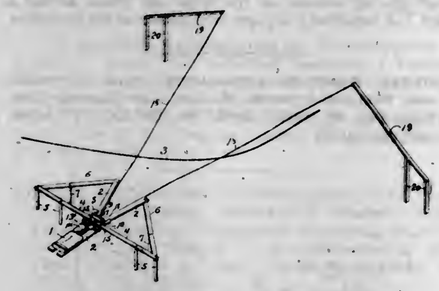
1. A photographic sensitizer adapted for sensitizing a photographic medium, said sensitizer comprising a hydrophobic protective colloid, and a halogen-liberating compound dispersed therein.

1,575,144. VENTILATOR. JACOB W. BISHOP, Washington, Iowa. Filed June 25, 1925. Serial No. 39,521. 2 Claims. (Cl. 98—27.)



1. In a ventilator; a frame having inner and outer sides provided with air openings and having also a vertically adjustable plate at its bottom, and a damper plate pivoted in the frame above the bottom plate and between the air openings and operated by the currents passing through the frame.

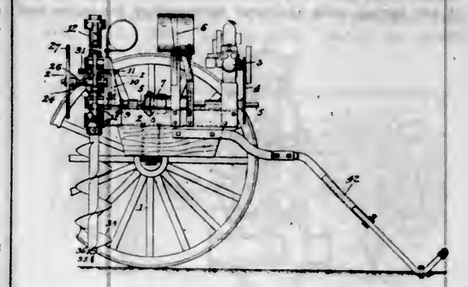
1,575,145. APPARATUS FOR DELIVERING ARTICLES TO AIRCRAFT. FRANK F. BRADSHAW, Yazoo City, Miss. Filed Dec. 27, 1920. Serial No. 433,463. 6 Claims. (Cl. 258—1.)



1. In an apparatus of the kind described, an article carrying device having means for gripping a flexible trailing device or cable, and movable from an open position to a closed gripping position and having means by which the weight of the article carried tends to force the gripping means to the closed position, and means releasable by said trailing device for holding the gripping means in the open position, substantially as set forth.

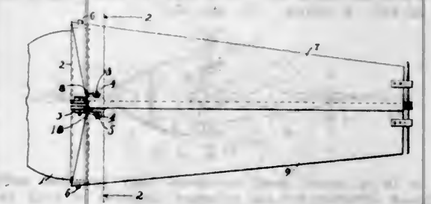
1,575,146. PORTABLE BORING MACHINE. HUGH S. BROWN, Roselle Park, N. J., assignor to The Hubron Company, Inc., a Corporation of New Jersey. Filed Oct. 8, 1919. Serial No. 328,251. Renewed Aug. 6, 1925. 3 Claims. (Cl. 255—22.)

1. In an earth boring machine the combination, with the main frame, of a vertically arranged bearing block having its lower end fastened to said main frame and having vertically arranged journal bearings in its upper and lower ends, an upright, tool holding, cylindrical member adapted to rotate in said bearings, a pinion



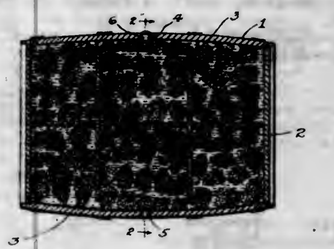
mounted on a horizontal shaft, which shaft is journaled in said bearing block between the said vertically arranged journal bearings, a vertically arranged rack bar meshing with said pinion and connected to said tool carrying member, and means for rotating said pinion.

1,575,147. LIGHT-CONTROLLING DEVICE. THOMAS BULL, near Santa Clara, Calif. Filed Nov. 17, 1924. Serial No. 750,382. 3 Claims. (Cl. 240—48.4.)



1. The combination with a source of light and a case therefor, of a light controlling device comprising a hollow truncated cone divided longitudinally into two parts having light reflecting interior surfaces, and means for pivotally mounting each part for vertical adjustment on said case.

1,575,148. PROCESS OF PACKING AND PRESERVING FRUIT. MARIO CARBONE, New York, N. Y. Filed Feb. 14, 1924. Serial No. 692,746. 8 Claims. (Cl. 99—1.)



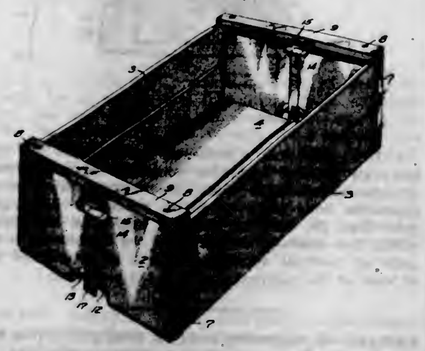
1. The herein described process of packing fruit, which consists in providing a suitable container, packing said container with fruit, filling said container with juice of fruit of the same type or kind as the fruit under treatment, said juice being impregnated with a sterilizing agent, and then sealing said container.

1,575,149. SCREW HOLDER AND DRIVER. JAMES L. CRAIG and ALEXANDER BLYTH CRAIG, San Francisco, Calif. Filed Feb. 11, 1925. Serial No. 8,880. 6 Claims. (Cl. 145—62.)



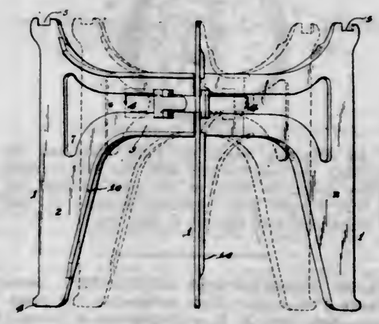
6. A screw holding device adapted to cooperate with a screw driver having a shank with a driving bit on one end thereof, a sleeve adapted to be secured on the shank near the bit end thereof, a second sleeve slidable axially to two positions on the first sleeve, a pair of jaws pivotally carried by the second sleeve and having means on the bit ends thereof for engaging a screw to be driven by the bit, the second sleeve in one axial position holding the screw-engaging portions of the jaws below the bit and in the other position holding the same above the bit, and means slidable axially on the second sleeve and cooperating with the jaws, movement thereof toward the bit being adapted to close the jaws and movement thereof in the opposite direction being adapted to open the jaws.

1,575,150. BOX. HUGH DE HAVEN, San Francisco, Calif. Filed Aug. 22, 1923. Serial No. 658,768. 11 Claims. (Cl. 217—66.)



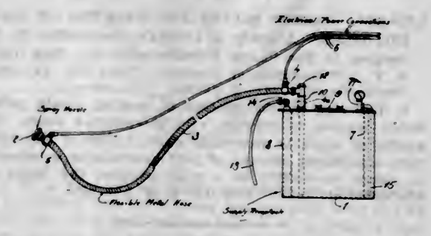
11. A box comprising a head having beveled edges, bottom and side pieces having complementary shaped surfaces to engage said edges, a strap holding the bottom and side pieces to the head and resilient means for holding said strap in tension.

1,575,151. ADJUSTABLE NO-BOLT AND NO-RING TRIPOD BOILER STAND. HENRY E. DERRYSHIRE, Philadelphia, Pa., assignor to Sanitary Company of America, Philadelphia, Pa., a Corporation of Delaware. Filed Sept. 4, 1924. Serial No. 735,830. 3 Claims. (Cl. 248—41.)



2. A boiler stand comprising separable sections each including a vertically disposed body and an arm portion extending from the body inwardly of the stand, said arm provided with a longitudinal slot extending into the body and terminating in a widened end, said arm being provided with a tongue extending from its free end intermediate its width and the free end of the arm being beveled above and below the tongue, a cross head at the free end of said tongue having beveled faces at its inner end above and below the tongue, and said head being adapted to be passed through the wide end of the slot of a co-operating section and the tongue slid longitudinally in the slot to an adjusted position with the beveled ends of the arm and head engaging opposed faces of the arm of said cooperating section above and below the slot thereof.

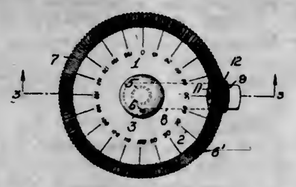
1,575,152. SPRAY APPLICATION OF COATING COMPOSITION. CHARLES DI BATTISTA, Berwick, Pa. Filed May 22, 1925. Serial No. 32,035. 5 Claims. (Cl. 91—45.)



2. In spraying apparatus, a spray nozzle and a flexible hose connected thereto for supplying the nozzle, said hose being of metal and forming a resistance element in an electrical circuit for heating material flowing therethrough to the nozzle.

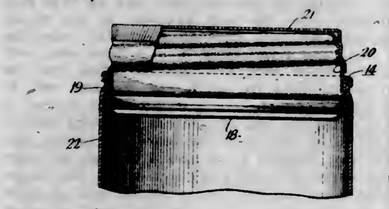
5. An apparatus for increasing and retaining fluidity of material and for spraying the same, which includes a container for the material, means for heating the material while in the container, a flexible conduit, having a discharge outlet, through which the material is adapted to flow, means for generating heat and for supplying the heat to the material in the conduit substantially throughout its length in order to maintain the material in a fluid condition while flowing therethrough, and means for causing the heated material to pass out of the discharge outlet so that it may be sprayed upon a surface.

1,575,153. VERNIER DIAL. JAMES F. DOBBINS, Brooklyn, N. Y. Filed Oct. 20, 1925. Serial No. 63,584. 6 Claims. (Cl. 74—7.)



1. An adjusting means for radio dials and the like comprising the combination with the dial mounted for rotation about an axis, of an arm swiveled on said axis, and a bevel gear rotatably mounted on said arm and contacting with the top of said dial.

1,575,154. CLOSURE FOR CONTAINERS. ROLLIN L. DRAKE, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y., a Corporation of Texas. Filed Sept. 23, 1922. Serial No. 589,973. 5 Claims. (Cl. 220—39.)



1. A container having adjacent an end thereof a curved portion, a closure for said container comprising a substantially concave member the edge of which is spun over said end and a portion of which is rolled against said curved portion so as to make a curved joint therewith, a threaded thimble rolled into said concave member and a cap therefor.

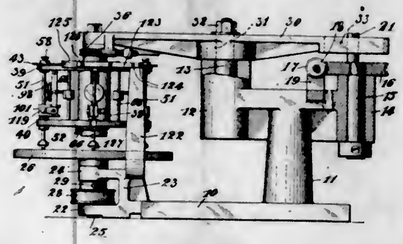
1,575,155. CASEIN SOLIDS AND PROCESS OF MAKING THEM. ANDREW A. DUNHAM, Bainbridge, N. Y., assignor to The Casein Manufacturing Co., New York, N. Y., a Corporation of Vermont. Filed Feb. 14, 1923. Serial No. 619,024. 2 Claims. (Cl. 99—11.)

1. The step in the process of making casein solids which consists in treating acid precipitated casein, the acidity of which is materially above 0.75% of free acid, with a sufficient amount of acid neutralizing substances to reduce its acidity to a point between the limits of approximately 0.75% and 0.25% of free acid.

1,575,156. GRINDING AND POLISHING MACHINE. FREDERIC ECAUBERT, New York, N. Y. Filed July 18, 1923. Serial No. 652,254. 26 Claims. (Cl. 51—134.)

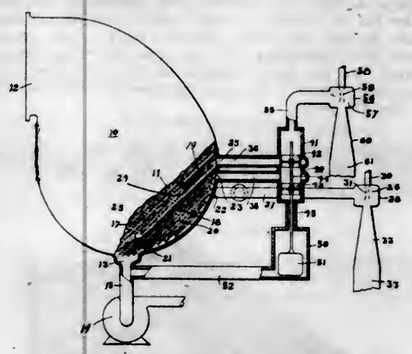
1. In a grinding and polishing machine, a lap member, a rovoluble work carrier having plates connected thereto, a spindle, a work holder connected to the spindle, and means associated with the spindle for engaging portions of the said plates to connect and disconnect the said spindle to and from the said plates.

18. In a grinding and polishing machine, a lap member, a work carrier comprising a revoluble hub and spaced plates connected thereto, a spindle, a work holder connected to the spindle, sets of links pivotally connected at corresponding ends in the said work carrier, a block for spacing and pivotally connecting the adjacent ends of the said links, an adjusting screw passing through the said block, means for pivotally connecting the opposite corresponding ends of the said links to the said spindle, a cam shaft journaled in the said plates, a cam carried by the said cam shaft, a spring coacting with the said adjusting screw for normally maintaining the links in an operative position, the end of the said adjusting screw being maintained in contact with the face of the cam by the said spring, a disk mounted exteriorly of one of said plates, a ratchet secured to



the outer end of the cam shaft, a pawl carried by the disk and adapted to engage the teeth of the ratchet, a brake for periodically engaging the disk to retard the movement of the same relatively to the said plate and then releasing the same, and a spring for then returning the disk to its normal position relatively to the plate to thereby impart a partial revolution to the cam shaft and cam through the said ratchet and pawl.

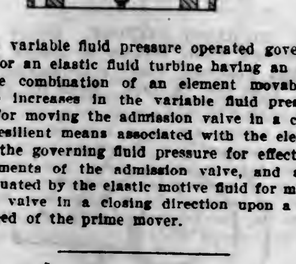
1,575,157. CONDENSER INSTALLATION. WARREN B. FLANDERS, Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 29, 1921. Serial No. 456,679. 12 Claims. (Cl. 257—24.)



1. In combination, a condenser having main and auxiliary air removal apparatus connected to the condenser at different operative levels, the auxiliary air removal apparatus being connected to the condenser at a higher level than the main air removal apparatus and means within the condenser for directing the condensate to the main air removal apparatus upon a predetermined rise of level of the condensate within the condenser.

1,575,158. GOVERNING SYSTEM FOR ROTATING MACHINES. WARREN B. FLANDERS, Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed July 12, 1921. Serial No. 484,100. 6 Claims. (Cl. 264—14.)

1. In combination, with a prime mover oil relay valve operating mechanism having a pilot valve and an operating cylinder with its piston member, connected to a motive-fluid admission valve, a device responsive to fluid pressure connected to the pilot valve for actuating the



latter, and an auto-stop mechanism connected to the piston member for actuating the latter to close the admission valve upon overspeeding of the prime mover.

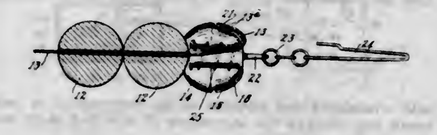
1,575,159. GOVERNOR. WARREN B. FLANDERS, Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 3, 1924. Serial No. 753,596. 5 Claims. (Cl. 264—14.)

1. In a variable fluid pressure operated governing apparatus for an elastic fluid turbine having an admission valve, the combination of an element movable in response to increases in the variable fluid pressure and effective for moving the admission valve in a closing direction, resilient means associated with the element and opposing the governing fluid pressure for effecting opening movements of the admission valve, and additional means actuated by the elastic motive fluid for moving the admission valve in a closing direction upon a predetermined speed of the prime mover.

1,575,160. SEPARATION OF METALS. SIGURD GIERTSEN, Kristiansands, Norway, assignor to Kristiansands Nikkelraffineringsverk, Kristiansands, S. Norway, a Corporation of Norway. Filed Sept. 26, 1921. Serial No. 503,358. 1 Claim. (Cl. 75—18.)

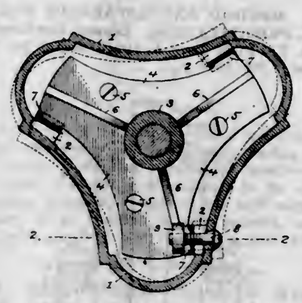
The method of separating copper from copper-nickel solutions, which comprises treating the same with Bessemerized copper-nickel matte containing less than about ten per cent of sulfur.

1,575,161. BEAD-NECKLACE TIP. RUDOLPH G. GRODE, Norwood, R. I. Filed June 20, 1925. Serial No. 38,444. 2 Claims. (Cl. 24—123.)



1. A bead necklace tip comprising a hollow body member having an external clamping face and coaxial outer and inner orifices, the margin of the inner orifice constituting a bead seat; a head member having an internal clamping face conforming to the external clamping face, a tubular shank inserted in the outer orifice of the body member, a slot opening on the outer margin of the head, and an outwardly projecting coupling eye; and an expansion spring seated on the internal surface of the body member and on an abutment on the tubular shank, and normally pressing the head member toward the clamping face of the body member, the arrangement being such that a terminal portion of a necklace cord extending through a string of beads, may be passed through the tubular shank, across a portion of the outer surface of the head member and into the slot, and disposed in convolutions between the clamping faces of the head and body members, said convolutions being confined by the clamping faces.

1,575,162. FLOOR FASTENING FOR STOOLS AND THE LIKE. SHERMAN A. HATHORNE, Waukegan, Ill., assignor to Chicago Hardware Foundry Company, North Chicago, Ill., a Corporation of Illinois. Filed June 8, 1925. Serial No. 35,579. 4 Claims. (Cl. 45—137.)

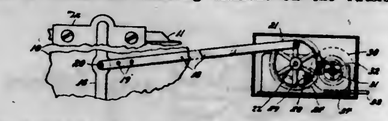


1. In a floor fastening for pedestals, the combination of a pedestal base of an open bottom shell form having a plurality of lateral inclined lugs in its interior, a floor plate formed for fixed attachment to a floor and for enclosure by the base, said floor plate having a plurality of inclined planes complementary to the inclined lugs aforesaid for interlocking engagement therewith in a turning movement of said base, and means for holding the parts in the described interlocked condition.

1,575,163. POWER-ACTUATED WINDSHIELD WIPER. ALVA K. HINCHMAN, Philadelphia, Pa. Filed May 7, 1920, Serial No. 379,590. Renewed Aug. 1, 1925. 2 Claims. (Cl. 15—253.)

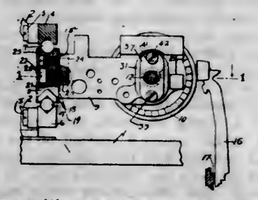
1. In a windshield cleaning device for vehicles, an attaching bracket adapted to be attached to a windshield and provided with a driving shaft and gearing, a rock shaft on said windshield spaced from said bracket and provided with a crank arm on the inner side thereof,

a connecting link between said crank arm and gearing, and an arm mounted on said rock shaft and provided with a windshield cleaning element on the outside of



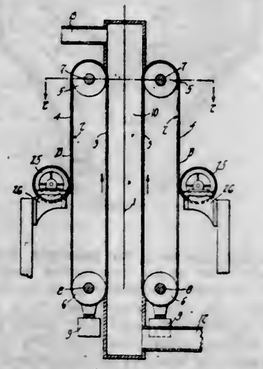
said windshield and adapted to be reciprocated by said crank arm through the movements of said rock shaft and actuating gearing.

1,575,164. TYPEWRITING MACHINE. JOSEPH B. HOLDEN, Syracuse, N. Y., assignor to Remington Typewriter Company, Ilion, N. Y., a Corporation of New York. Filed Sept. 8, 1923. Serial No. 661,619. 13 Claims. (Cl. 197—149.)



1. In a typewriting machine, the combination of a platen, a platen carriage comprising a rear bar and a pair of end bars having a set normal relationship, and means for affording a swinging movement of said end bars relative to said rear bar to vary their normal relationship and alter the normal position of the platen in a vertical direction.

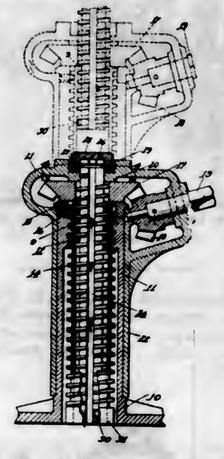
1,575,165. METHOD AND APPARATUS FOR ELECTRICAL PRECIPITATION. ERNEST HOPKINSON, New York, N. Y. Filed June 4, 1924. Serial No. 717,688. 9 Claims. (Cl. 183—7.)



1. An apparatus for collecting particles of matter from gaseous suspensions thereof, which comprises a relatively extended passageway for the gaseous suspension, an active electrode extending through said passageway, and a collecting electrode movable longitudinally of the passageway.

1,575,166. DOUBLE-SCREW JACK. ALVIN L. JOHNSON, Springfield, and WATERMAN GOULDING WARREN, Holden, Mass. Filed Apr. 8, 1925. Serial No. 21,655. 4 Claims. (Cl. 254—102.)

8. In a jack, the combination of a standard having a vertical passage therethrough with an internal thread extending for a distance therealong, a hollow screw mounted in said thread and having an internal thread extending for a shorter distance therealong, an inner screw mounted in the second internal thread and having a work rest freely rotatable on the top thereof, a gear resting on the top of the standard and having a passage therethrough for the smaller screw, said gear and smaller screw being splined together so as to permit

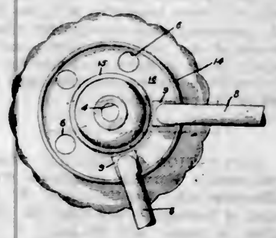


longitudinal motion of the screw and prevent relative rotation of the screw and gear, whereby when the gear is turned the hollow screw will act as a stationary nut to cause the inner screw to rise as it turns, said inner screw having means at the bottom thereof for preventing its screwing out of its nut, whereby when said means comes into action the two screws will turn together with gear and the outer screw will move upwardly, taking the frame with it.

1,575,167. PROCESS FOR MANUFACTURING A LEAD ACCUMULATOR. KANEICHI KAWAKAMI, Hongo-Ku, Tokyo, Japan. Filed Oct. 3, 1921. Serial No. 505,177. 2 Claims. (Cl. 136—75.)

1. A battery element comprising a solid solution of a small percentage of mercury in a large percentage of lead alloyed with a small percentage of antimony, in the form of a porous plate.

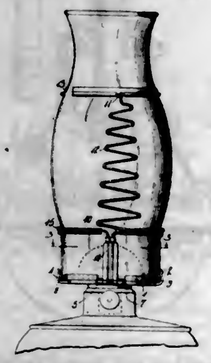
1,575,168. LIGHTING FIXTURE. PHILIP KESTELL, San Francisco, Calif., assignor to Thomas Day Company, San Francisco, Calif., a Corporation of California. Filed Oct. 14, 1924. Serial No. 743,535. 2 Claims. (Cl. 240—78.)



1. The combination with a lighting fixture, of a plurality of fixture arms having squared portions, a supporting plate for said fixture arms, two concentric beads on one side of said plate and enclosing a plurality

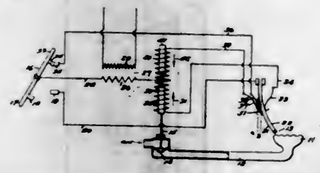
of apertures in said plate whereby said fixture arms may extend thru said apertures and at substantially right angles to the plane of the plate with the squared portions lying between the two beads, and fastening means on the other side of said plate engaging said fixture arms.

1,575,169. CHIMNEY HOLDER. SAMUEL J. KILLINGSWORTH, Brewton, Ala. Filed Sept. 17, 1924. Serial No. 738,210. 2 Claims. (Cl. 240—97.)



1. The combination with a burner having a support, and a chimney holder hingedly secured to said support for permitting a swinging movement of said chimney holder and chimney to expose the burner, upper and lower rings for engaging said chimney, and yieldable means connecting said rings to urge the upper ring and chimney downwardly into tight engagement with the chimney holder, and means for securing said chimney holder to said burner support when the chimney holder is in its operative upright position.

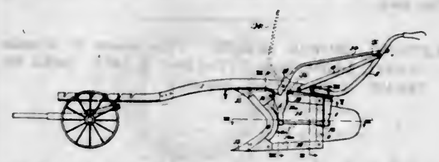
1,575,170. IGNITION SYSTEM. OTTO A. KNOPF, Oakland, Calif. Filed Dec. 11, 1923. Serial No. 679,960. 1 Claim. (Cl. 158—28.)



In combination, a burner, a pair of circuits arranged to be selectively energized and respectively to permit the flow of fuel to the burner, and to prevent said flow, an electrically energized means for igniting the fuel at the burner tip, a support for said igniting means, movable to carry said means out of the hot region near the burner in response to an increase in temperature, and circuit controlling devices operated by the movement of said support to control the said pair of circuits, whereby after completion of their function they become inactive.

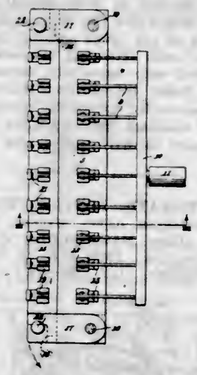
1,575,171. PLOW. GEORGE S. KOHUT, Kool, Wyo. Filed Jan. 31, 1923. Serial No. 616,151. 1 Claim. (Cl. 97—26.)

In a reversible plow, a mold board support comprising a forward arch bar having its forward edge sharpened to provide a cutting edge, a rear cross bar, side rails each connected forwardly to one end of the arch bar and rearwardly to one end of the cross bar, a double mold board having its forward edge connected to an arched bearing bar which is secured to the arch bar of the mold board support, brackets extending from the ends of the rear cross bar and connected to the rear portion of the mold board, a shaft extending from said



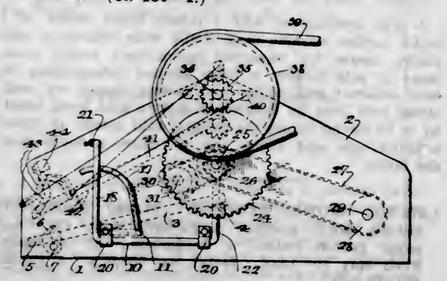
arched bearing bar rearwardly through the cross bar, a beam, and a pair of depending arms secured to the under side of the beam and lying respectively immediately behind the arched bearing bar and the cross bar, said arms having journal ends supporting said shaft.

1,575,172. SWITCH. JOHN LUKASZEWSKI, Chicago, Ill. Filed Apr. 30, 1925. Serial No. 27,005. 4 Claims. (Cl. 200—15.)



3. In a switch, a mounting block, a plurality of arms projecting therefrom, said arms each having a groove formed therein, a plurality of movable members fastened to said block, a plurality of contacts to be engaged by said movable members, a support for said contacts having tongues to be received in said grooves, and means for removably holding said tongues in said grooves.

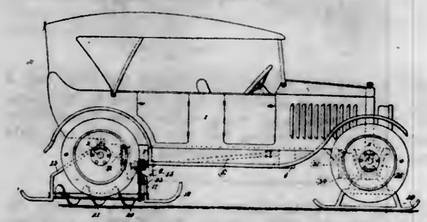
1,575,173. SELF-FEEDER. GEORGE W. MANN, Webb City, Mo., assignor of one-half to Jacob Gripka, Wentworth, Mo. Filed July 9, 1925. Serial No. 42,514. 3 Claims. (Cl. 130—1.)



1. In a device of the class described, a deck mounted for swinging movement, a feeding means operating above the deck, a conveyor discharging upon the deck, mech-

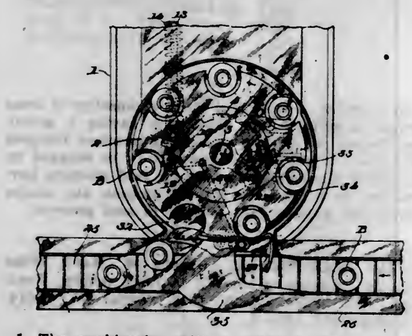
anism for operating the conveyor, a clutch interposed in said mechanism, and means for throwing out the clutch, the last-specified means being operated by the deck as the deck swings downwardly responsive to an undue accumulation of material between the feeding means and the deck.

1,575,174. MOTOR SLEIGH. FRANCISZEK B. MIERZEJEWSKI, Adams, Mass. Filed Nov. 6, 1924. Serial No. 748,133. 1 Claim. (Cl. 180—3.)



In a motor sleigh, an axle; a frame consisting of a pair of arches pivoted at their central portions to the sleigh adjacent and above the axle, a pair of transverse members carried by the lower ends of the arch members and having their ends extending downwardly in parallelism and provided with oppositely disposed runner portions at their lower extremities; shafts journaled between the downwardly extending parallel portions of the transverse members and provided with propeller screws, and means to drive said shafts simultaneously.

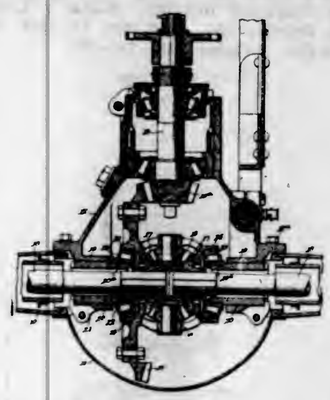
1,575,175. AUTOMATIC BOTTLE FEEDER AND UNLOADER. CHARLES ALVIN MILLER, Bainbridge, Ga., assignor to Miller Manufacturing Company, a Corporation of Georgia. Filed Feb. 23, 1924. Serial No. 694,600. 2 Claims. (Cl. 198—22.)



1. The combination with a rotary bottle holder, of a bottle carrier movable tangentially with respect to said holder, means for imparting intermittent rotary movement to said holder, a lever pivoted intermediate its ends adjacent said holder and carrier, means for oscillating said lever by first-named means, said lever adapted to be swung across the path of said carrier to direct a bottle onto said holder and to remove a bottle from the latter.

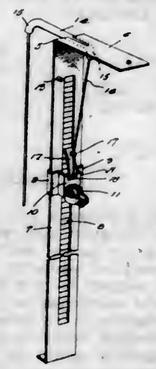
1,575,176. MOTOR VEHICLE. ALFRED MOORHOUSE, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed May 10, 1923. Serial No. 638,063. 1 Claim. (Cl. 74—99.)

In a rear axle structure for motor vehicles, in combination, a tubular axle casing having a central front opening, a cover frame secured to said casing over said opening, a pair of lugs integral with said frame and coaxial with said casing, sleeves screwed in said lugs and having adjusting notches at their outer ends, dogs mounted on said lugs adapted to engage said notches to hold said sleeves in adjusted positions, a differential cage between the inner ends of said sleeves, said cage having an annular flange on each side thereof coaxial



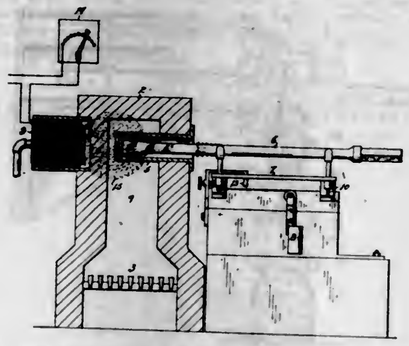
with said sleeves and said sleeves having reduced inner ends projecting into said flanges, an outer race ring seated in each of said flanges, an inner race ring seated on the reduced end of each sleeve and abutting the annular shoulder formed by said reduced end, the bearing faces of said race rings being conical and said inner race rings having marginal shoulders, and tapered rollers between said inner and outer rings.

1,575,177. DROP-CORD HOLDER. LAWRENCE MORAN, Chicago, Ill. Filed Oct. 5, 1925. Serial No. 60,529. 2 Claims. (Cl. 248—2.)



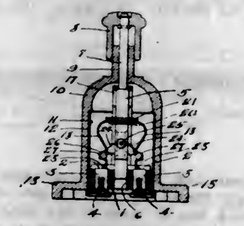
1. A device of the class described including a bracket having a series of teeth formed thereon, a carriage slidably mounted on the bracket, a spring pawl on the carriage engageable with said teeth, a clamp on said carriage for engaging a drop cord, an eye on the intermediate portion of the pawl, a cord fixed to the carriage and threaded through the eye, and guide means on the bracket for the cord so that when said cord is pulled to raise the carriage it will pull the pawl out of engagement with the teeth.

1,575,178. MAGNETICALLY-CONTROLLED HEAT TREATMENT OF MATERIALS. DAVID STANISLAUS O'DONOVAN, Vogelfontein, Transvaal, South Africa, assignor to O'Donovan Furnaces Limited, Johannesburg, South Africa. Filed Feb. 29, 1924. Serial No. 696,046. 7 Claims. (Cl. 263—6.)



1. The method of heating a magnetic body, which consists in mounting the body for movement to position it in a heating zone or withdraw it therefrom and so that the weight of the body has no material effect on its movement, subjecting it whilst in the heating zone to magnetic attraction tending to retain it in said zone, simultaneously applying to the body a retractive force, and relatively adjusting the retractive force and the magnetic force to cause the body to be retracted at a desired temperature.

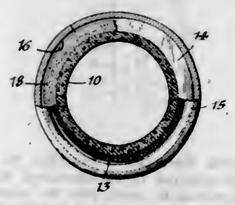
1,575,179. ELECTRIC SWITCH. RAYMOND H. OLLEY, Syracuse, N. Y., assignor to Crouse-Hinds Company, Syracuse, N. Y., a Corporation of New York. Filed Dec. 4, 1923. Serial No. 678,549. 11 Claims. (Cl. 200—76.)



1. In a switch, the combination of a base having a contact thereon, a switch arm mounted to shift toward and from the base into and out of engagement with the contact, the switch arm having a portion extending parallel to the direction of the shifting movement and movable laterally relatively to the shifting movement thereof, whereby the switch arm has a wiping engagement with the contact, and an operating member movable in a direction substantially parallel to the former movement of the switch arm, and connections between the operating member and the switch arm to effect the shifting and lateral movements thereof.

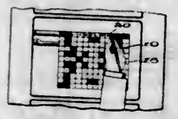
1,575,180. PIPE JOINT. ALBERT G. PERKINS, Buffalo, N. Y. Filed Aug. 13, 1924. Serial No. 731,757. 3 Claims. (Cl. 72—58.)

1. In a flexible joint for concrete pipes, the combination of a pair of concrete pipe-sections, each provided at its ends with coupling rings of flexible metal, each ring comprising a base portion embedded in the concrete pipe-section and a flange projecting therefrom, and clamping means connecting the opposing flanges of the pipe-sections, said clamping means and the portion of



said ring-flanges engaged thereby being clear of and unimbedded in the pipe-structure, permitting the flanges to flex freely to compensate for misalinement of the sections.

1,575,181. METHOD OF PRODUCING, PHOTOGRAPHING, AND PRESENTING A CROSS-WORD PUZZLE. ISADOR SCHWARTZ, New York, N. Y. Filed Dec. 8, 1924. Serial No. 754,656. 5 Claims. (Cl. 88—16.)



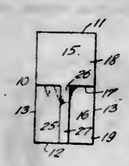
1. The method of presenting a cross word puzzle by animated pictures consisting of the progressive steps of exhibiting a chart of predetermined configuration ruled in rows of predetermined configurations having index numerals, causing a legend to appear outside of the chart directing attention to one of the rows, causing a puzzle writing to appear together with an exponent numeral relating to a row having a corresponding index numeral, picturing an index finger as pointing out first the exponent numeral, then the index numeral and the succeeding squares in said row suggesting the number of letters of the answer, picturing a hand with a marking implement in the act of filling the letters of an enigmatical word in the squares previously pointed out, causing the dissolving of said word, causing the gradual and finally the full appearance of an explanation of said enigmatical word.

1,575,182. WATCH-CHAIN FASTENER. YAICHIRO SHIBA, San Jose, Calif. Filed July 25, 1925. Serial No. 45,961. 2 Claims. (Cl. 24—3.)



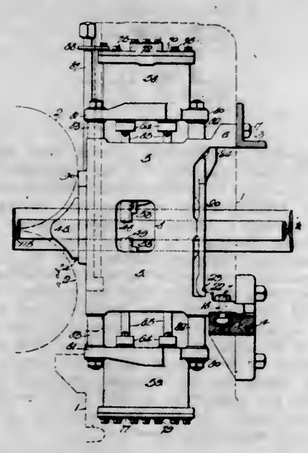
1. A lock for watch chains comprising a circular body member adapted to be extended over the front of a vest button, which member is provided with eyes on opposite sides so that it may be incorporated with a watch chain between the ends of the latter, a flange extending rearwardly from the outer edge of the body, being curved in cross section so as to extend behind the button and means on the back of the body for clasping the body to a button.

1,575,183. ROOFING ELEMENT. PETER E. SINNETT, Buffalo, N. Y. Filed Oct. 12, 1925. Serial No. 61,953. 6 Claims. (Cl. 108—10.)



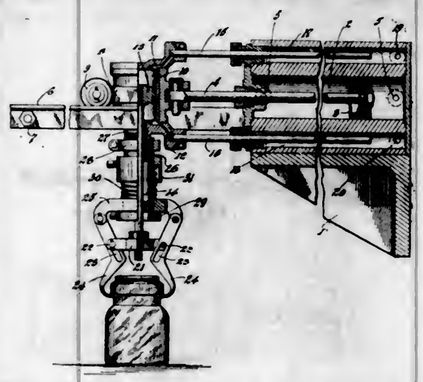
1. Roofing which comprises a plurality of roofing elements which are adapted to be assembled in rows with the separate elements in each row in spaced relation, and with the elements in alternate rows disposed in staggered arrangement and engaging the elements of adjacent rows, and said elements having portions of their lower faces which together form a substantially continuous surface which is adapted to contact throughout its entire area with a roof.

1,575,184. APPARATUS FOR REMOVING FLAWS AND SLIVERS FROM WORN RAILS. JOHN L. SMITH, Hamilton, Ontario, Canada, assignor to Sheridan A. Smith, Hamilton, Ontario, Canada. Filed Oct. 16, 1924. Serial No. 744,057. 13 Claims. (Cl. 80—3.)



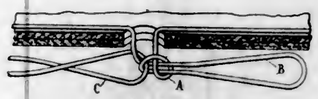
6. In apparatus of the class described, the combination with a rolling mill having rest bars; a rail head scraping apparatus associated with said mill whereby the mill rolls draw the rail through said apparatus, said apparatus comprising a housing, means to secure said housing to the rest bars of the mill, said housing having a rail pass, a guide held in said pass and having a portion projected out of the rear of said housing and a portion projecting to adjacent the front thereof, two sets of upper and lower knife holders projected into the guide, a bell mouth held on said housing at the front thereof and having a pass and spaced upper and lower pairs of spacer wings abutting said knife holders, sets of upper and lower spacers also abutting said knife holders above and below said guide, said spacers and said bell mouth being associated with said housing to constitute knife holder slideways, an upper and a lower cylinder mounted on the housing and each having a pair of piston chambers, pistons in said chambers, rods on said pistons projecting out of the cylinders and carrying said knife holders to effect the operation of the same.

1,575,185. AUTOMATIC TRANSFER DEVICE. THOMAS STENHOUSE, Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va., a Corporation of West Virginia. Filed Sept. 17, 1923. Serial No. 663,222. 12 Claims. (Cl. 214—1.)



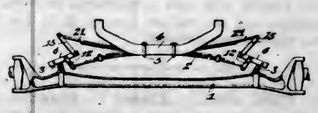
1. A transfer device for glass ware including a fluid pressure cylinder, a vertically reciprocable piston rod operated thereby, a cross-bar carried by the piston rod, a pair of pivotally mounted grippers operatively connected with the crossbar and having downwardly and inwardly inclined slots therein, means carried by the crossbar engaging said slots to open and close the grippers and to lift them bodily, and means for reciprocating the cylinder and piston bodily in a substantially horizontal plane.

1,575,186. SEWING. FREDERICK BAKER, London, England, assignor to Single Thread Lock-Stitch Machines Limited, London, England, a Company of Great Britain. Original application filed Jan. 17, 1923. Serial No. 613,223. Divided and this application filed Jan. 25, 1924. Serial No. 688,570. 11 Claims. (Cl. 112—262.)



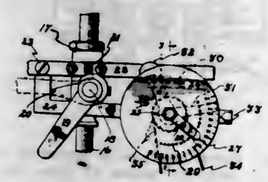
1. Single thread lock stitching comprising a line of lengths of single thread on the top side of the material sewn and a line of loops of the same thread on the underside, each loop being locked at its root by its own upwardly passing strand leading to the top length of single thread lying above said locked loop.

1,575,187. SHOCK ABSORBER. LOUIS BOYD, Shepherdsville, Ky., assignor to Boyd Shock Absorber Company, Shepherdsville, Ky. Filed Oct. 2, 1924. Serial No. 741,239. 1 Claim. (Cl. 267—19.)



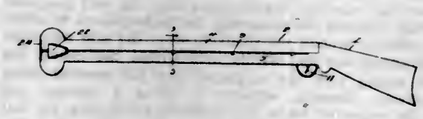
In a device of the character set forth associated with a vehicle axle and spring, a relatively long yoke member adapted to be pivotally connected to be a spring perch, depending links supporting one end of said spring from said yoke intermediate the ends thereof, a pair of upwardly extending arms pivotally connected to the other end of said spaced arms, and an auxiliary spring supported by and extending from said first mentioned spring and pivotally connected to the upper ends of said upwardly extending arms, said links and upwardly extending arms having that portion which is connected to the said yoke bearing against the outside thereof, and formed to position the other portion in alignment with the sides of the yoke.

1,575,188. TEMPERATURE-CONTROL DEVICE FOR LAUNDRY WASHING MACHINES. WILLIAM M. CHACE, Detroit, Mich. Filed Feb. 4, 1924. Serial No. 690,525. 6 Claims. (Cl. 126—372.)



1. A device of the character described, comprising the combination with a container for fluid, means for heating the fluid and a control device, of a means for preventing the temperature of the fluid increasing beyond a predetermined degree comprising a calibrated member indicating temperatures, a movable member for indicating the predetermined highest degree of temperature desired, an actuator member positioned relative to the control device by the positioning of the movable member, and a bi-metallic element in contact with the fluid of the container adapted through increase in degree of temperature to turn the indicator and actuator and actuate the control device to stop injection of heat when the desired temperature is attained.

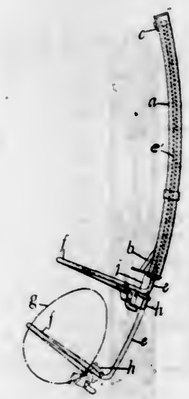
1,575,189. TOY GUN. ALBERT JOSEPH CHABERT, Woonsocket, R. I. Filed Nov. 2, 1925. Serial No. 66,260. 4 Claims. (Cl. 124—7.)



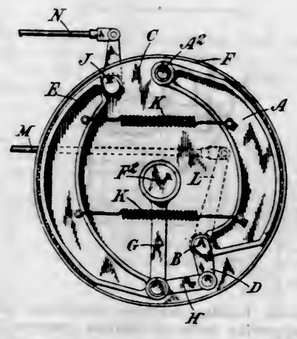
1. A gun of the class described comprising a stock, a barrel connected thereto, said barrel being composed of spaced sections, a flexible bow at the outer end of said sections, a string carried by said bow and extending between said sections, one of said sections being formed with shoulders with which said string may be selectively engaged to flex said bow, and means associated with said barrel and shoulders for disengaging the string from the latter.

1,575,190. EGG-MARKING APPLIANCE. WILLIAM COACKLEY, Goostrey, and WILLIAM HENRY GALLIMORE, Holmes Chapel, England. Filed Feb. 6, 1925. Serial No. 7,418. 3 Claims. (Cl. 119—22.)

1. In egg marking appliances, the combination comprising a frame, means for attaching said frame to a hen, a holder for the egg on its delivery by the hen the said holder being in sliding connection with said frame, and a marking stamp in pivotal connection with said holder the said stamp being engaged and tilted by the egg during said delivery.



1,575,191. BRAKE FOR VEHICLES. LOUIS COATALEN, Wolverhampton, England, assignor to Sunbeam Motor Car Company, Limited, Wolverhampton, England, a British Company. Filed Dec. 13, 1923. Serial No. 680,404. 5 Claims. (Cl. 188—78.)

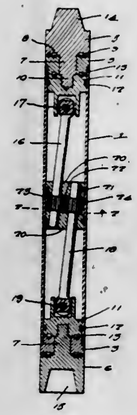


1. In a brake for a vehicle, the combination of a drum, a main segmental shoe inside said drum, a servo segmental shoe also inside said drum and on the opposite side of the axis of said drum, a fixed pivot for one end of said main shoe, an operative connection between the other end of said main shoe and the adjacent end of said servo shoe, including a lever and a cam operated thereby, said cam engaging said main shoe.

1,575,192. TOOL. JOHN E. COLBERT, Tupman, Calif., assignor of one-half to Frank R. Giddens, Tupman, Calif. Filed May 11, 1925. Serial No. 29,482. 2 Claims. (Cl. 145—66.)

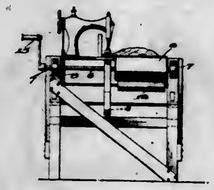
1. In a tool of the class described, an elongated casing, tool engaging members rotatably mounted in the

ends of the casing, a pair of spaced bearing blocks mounted in the central portion of the casing in spaced



relation to each other, shafts extending longitudinally of the casing and journaled through said blocks, gears on the shafts between the blocks and meshing with each other.

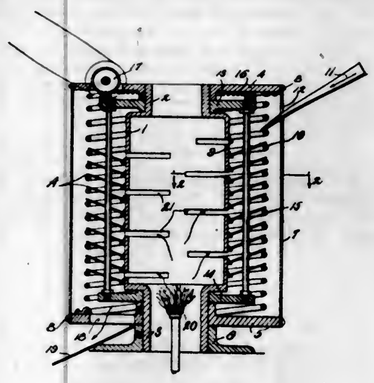
1,575,193. TOBACCO-HOUSING MACHINE. GEORGE L. DAVIS, Danville, Va. Filed Oct. 3, 1925. Serial No. 60,310. 2 Claims. (Cl. 131—21.)



1. A tobacco housing machine comprising in combination a supporting table, an endless conveyor belt and a sewing machine operatively mounted thereon, a tape adapted to pass beneath the needle of the sewing machine and adjacent to one side of the conveyor belt; means for actuating the said sewing machine and conveyor belt and a butting board adjustably arranged upon the supporting table in parallel relation to the conveyor belt, said board being adapted to regulate the position of the tobacco leaves as they are placed upon the conveyor belt.

1,575,194. DRIER. BRADLEY DEWEY, Cambridge, Mass., assignor to Dewey and Almy Chemical Company, Cambridge, Mass., a Corporation of Massachusetts. Filed Feb. 17, 1925. Serial No. 9,824. 8 Claims. (Cl. 34—42.)

1. A drier comprising a vertically disposed drying chamber having means to admit can ends thereto, spiral means for supporting can ends at an angle in such a manner that the inner edges thereof are guided and the



outer portions thereof are loosely supported, and means independent of said last means to cause the can ends to travel through said chamber.

1,575,195. PENCIL HOLDER. AMBROSE FLEMING, Washington, D. C. Filed Mar. 16, 1923. Serial No. 625,558. 1 Claim. (Cl. 120—21.)

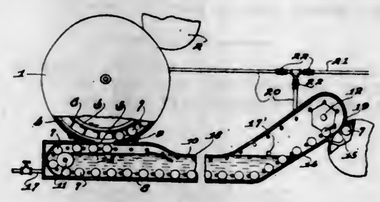


A pencil holder comprising a casing having a lead passage in its forward end, a pencil lead receiver axially insertable within the casing and having clutch portions at the forward end for cooperating with the delivery end of the casing, whereby to grip the leads projected from the receiver through the casing end, and a magazine into which the leads are endwise insertable, the said magazine having elements for sustaining the leads therein in annular relation around the receiver, when the said magazine is inserted into and fixedly held within the casing, the said casing with the magazine and the receiver being relatively rotatable, whereby to bring a selected one of the magazine leads into position for falling, its full length, into the receiver and means adapted, under relative rotation of the casing and the receiver for clamping the selected pencil lead in the front end of the casing, the said magazine consisting of a resilient metal plate bent to tubular shape with one of its meeting edges bent, its full length, radially inward to constitute a stop against which the leads held in annular relation within the casing can be successively fed, the said tubular magazine being insertable into one end of the casing and held, under frictional contact, in rigid connection therewith.

1,575,196. APPARATUS FOR HEAT-TREATING SUBSTANCES PACKED IN SEALED RECEPTACLES. NELSON H. FOOKS, Preston, Md. Filed Feb. 12, 1925. Serial No. 8,841. 3 Claims. (Cl. 126—272.)

1. A combined cooker and cooler comprising a cooking retort and a cooling retort, the latter positioned beneath

the former and communicating therewith by an open passage, the cooling retort having its discharge end remote from said passage and elevated above the main body



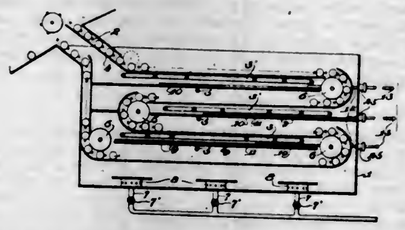
of said cooling retort and means for supplying equal fluid pressure to the cooking retort and said elevated end of the cooling retort.

1,575,197. COMBINED COOKER AND COOLER. NELSON H. FOOKS, Preston, Md. Filed Feb. 28, 1925. Serial No. 12,432. 4 Claims. (Cl. 126—277.)



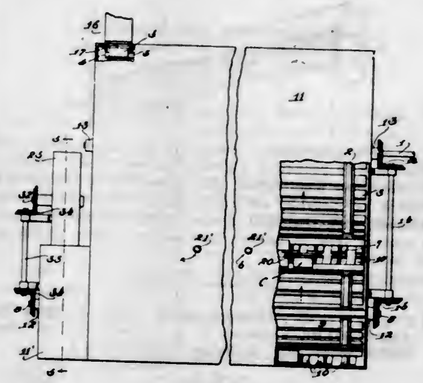
2. In combination, a tank, a helical can path supported in fixed position therein, said can path having a point of discharge for the cans, an endless conveyer arranged below said helical can path within the tank parallel with the axis thereof, and a can chute leading from the discharge end of said can path directly to the upper run of said endless conveyer, said conveyer adapted to convey the cans away from the discharge end of the chute through a cooling medium within the tank.

1,575,198. APPARATUS FOR COOKING AND COOLING IN SEALED RECEPTACLES. NELSON H. FOOKS, Preston, Md. Filed Mar. 11, 1925. Serial No. 14,805. 2 Claims. (Cl. 126—272.)



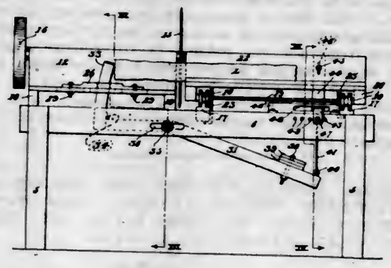
1. In a cooker and cooler comprising a liquid container, means for supplying heat to the container intermediate the top and bottom, means for supplying liquid to the container adjacent the bottom and means for restricting currents in the entering liquid to a substantially horizontal plane.

1,575,199. COMBINED COOKER AND COOLER. NELSON H. FOOKS, Preston, Md. Filed Apr. 4, 1925. Serial No. 20,788. 2 Claims. (Cl. 126—272.)



1. In combination, a pair of helical can tracks of different lengths, the track of shorter length being superposed on the other one, the extra length of the longer track extending beyond one end of the shorter track, means for feeding cans to the shorter track, rotary means within both of said tracks for progressing the cans therealong, means for passing cans from the shorter to the longer track at any given point between them comprising alined openings in adjacent sections of the tracks, means for discharging the cans from the longer track comprising a rotary valve tangentially arranged on the extra length of the longer track, said valve adapted to receive the cans from the discharge end of the longer track.

1,575,200. AUTOMATIC MEASURE FOR WOOD SAW TABLES. CHARLES H. FREDENBURG, Afton, N. Y. Filed June 13, 1925. Serial No. 36,779. 1 Claim. (Cl. 143—168.)



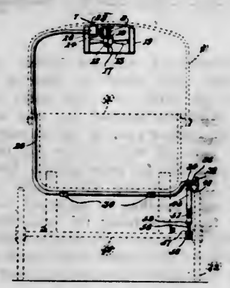
In a device of the type described, a support, a power saw carried thereby, a carriage movable on the support for properly feeding a log against the saw to cause a section to be severed from the log, an apertured guide plate carried by the support longitudinally of the carriage and adjustable in respect to the latter, a lever pivoted on a fulcrum pin carried by the support and adjustable longitudinally of the carriage, a stop hinged to one end of the lever and projecting into the aperture of the guide plate, a weight on the lever for normally holding the stop projected above the top plane of the support, and a connection between the remaining end of the lever and the carriage for causing the lever to pivot to move the stop below the top plane of the support when the carriage is moved to make the cut.

1,575,201. COMB. ALBERT H. GOSHIA, Toledo, Ohio. Filed Nov. 24, 1924. Serial No. 752,001. 1 Claim. (Cl. 132—11.)



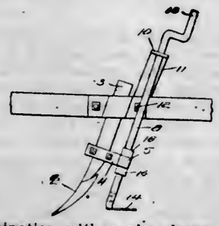
A comb comprising a relatively flat longitudinal body fashioned to provide a plurality of comb teeth, the body at the upper longitudinal edge thereof being transversely curved to provide an overhanging inverted U-shaped member, such U-shaped member being adapted to receive a curling iron to protect the operator while in the act of curling one's hair.

1,575,202. FAN ATTACHMENT FOR CARRIAGES. STEVE HALMI, Yonkers, N. Y. Filed Apr. 18, 1925. Serial No. 24,101. 3 Claims. (Cl. 230—7.)



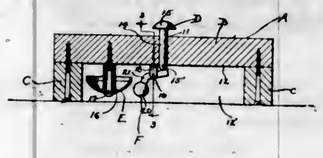
1. In a device of the type described, the combination with a wheeled carriage, of a fan mounted thereon including a series of blades carried by a hub, and a gear formed integrally with the hub; a flexible shaft, a gear connected to one end of the flexible shaft and meshing with the gear part of the fan hub, a friction wheel connected to the other end of the flexible shaft, a support for the friction wheel including a tubular member vertically supported on an axle of the carriage, a downwardly tensioned rod slidable in the tubular member and supporting the friction wheel at its upper end, and means for selectively moving the tread of the traction wheel into and out of engagement with the tread of one of the ground-engaging wheels of the carriage.

1,575,203. COTTON CHOPPER AND WEEDER ATTACHMENT FOR CULTIVATORS. JOHN WARREN HIGGINS, Merkel, Tex. Filed July 9, 1925. Serial No. 42,517. 3 Claims. (Cl. 97—12.)



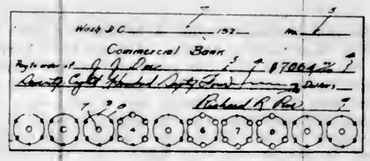
1. In combination with a plow beam, a plow and the usual foot therefor, of a weeder comprising a vertical rod, a bracket extending rearwardly from the plow foot for supporting the vertical rod, an additional support for said rod extending upwardly from the plow beam, a handle formed on the upper end of the rod, and a cutter blade extending laterally from the lower end of the rod, said rod being adapted for rotatable movement in said bracket when the handle is operated.

1,575,204. AMUSEMENT DEVICE. MICHAEL RAY HILTY, Comanche, Tex. Filed Nov. 10, 1923. Serial No. 674,019. 2 Claims. (Cl. 273—102.)



1. In an amusement device a platform, spacing strips secured to the under side of said platform and providing a recess below said platform, a bell mounted on the under face of said platform in said recess, a movable target extending vertically through the platform and adapted for reciprocatory motion, and a tapper pivotally secured intermediate its ends to the under face of the platform for striking the bell when said movable target is caused to move downwardly when struck with a missile.

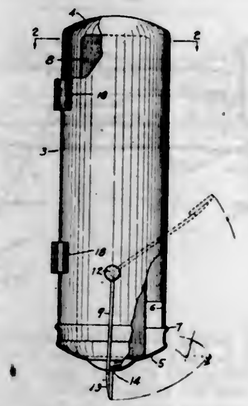
1,575,205. BANK CHECK. FRANK R. HINTON, Johnson City, Tex. Filed July 24, 1925. Serial No. 45,863. 3 Claims. (Cl. 283—9.)



1. A bank check having customary appropriately designated spaces on its face for reception of the usual entries, a horizontal row of circles formed across the bottom of the face of the check, a consecutive arrangement of digits in the centers of the circles, and a zero in the center of the remaining circle, circumferentially spaced indicating numbers formed around each circle, said numbers being arranged in numerical order and adapted to be utilized in indicating the order in which the coacting central digit is read in verifying the amount written on the check.

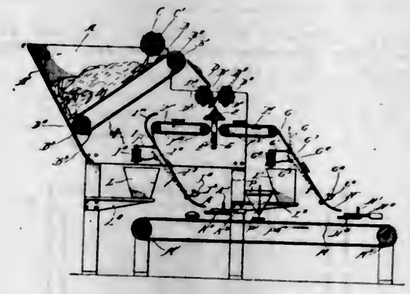
1,575,206. FIRST-AID-KIT CONTAINER. LOUIS P. HOWE, San Francisco, Calif., assignor to Standard Oil Company, a Corporation of California. Filed May 29, 1923. Serial No. 642,199. 1 Claim. (Cl. 206—1.)

A first aid kit container, comprising an elongated cylindrical metallic container having a top integral with the side wall of said container to present a sealed upper end and an open bottom end, a bottom closure having an elongated cylindrical wall and a circumferential bead, said bottom closure frictionally fitting snugly into the lower end of the container, said cylindrical bead of the bottom closure limiting the extent to which the bottom closure fits within the cylindrical wall, and forming a substantially dust-proof joint with the bottom end of the container, means for holding the closure tightly into place but permitting its ready removal, brackets secured



to the container and adapted to receive means to hold the container in its vertical position to a support, said bottom closure being concaved and adapted to support the articles within the container.

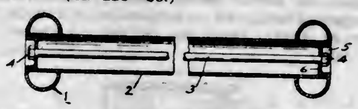
1,575,207. BISCUIT-HANDLING MACHINE. WARREN H. HUNGERFORD, Chicago, Ill. Filed Dec. 3, 1923. Serial No. 678,091. 15 Claims. (Cl. 107—1.)



1. In a biscuit handling device, a biscuit feeding means, a biscuit facing means adapted to deliver a series of biscuits each with the same side facing up, means for dividing the biscuits delivered by said facing means into a plurality of series, means for conveying said series along separate paths, means for reversing the facing of all of the biscuits of one of said series only.

15. In a biscuit handling device, a biscuit feeding means, a biscuit facing means adapted to deliver a series of biscuits each with the same side facing up, a plurality of conveyors, each conveyor adapted to receive and separately convey a portion of the biscuits delivered by said facing means and means for limiting the delivery of biscuits conveyed by each of said conveyors, comprising a cut-off element and means for actuating it comprising a movable section in said conveyor, a solenoid and an electric contact therefor adapted to be contacted by said movable section in response to a pre-determined load of biscuits thereupon, and means for normally maintaining said movable section out of contact with said contact comprising a lever and a weight adjustable therealong.

1,575,208. METAL LADDER. FREDRICK L. JACOBS, Detroit, Mich. Filed May 8, 1922. Serial No. 559,256. 1 Claim. (Cl. 228—55.)



In a ladder, a tubular side rail having flattened opposite wall portions with an opening in one of said portions, and a boss in the other extending toward said opening and forming an indentation exteriorly of the rail, a tubular rung passing through said opening and embracing said boss, and a tie member extending within the rung and having an enlargement within said indentation.

1,575,209. DRAWING INSTRUMENT. AKSEL THEODOR JESPERSEN, Omaha, Nebr. Filed June 4, 1924. Serial No. 717,778. 10 Claims. (Cl. 120—43.)



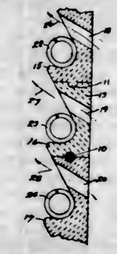
1. A drawing instrument comprising a handle, marking means which is continuously revoluble upon movement of the instrument while in contact with a surface, an inking roller in contact with said means to ink the same for the making of marks, and a holder terminating in a curved portion constituting a cup to contain a supply of ink into which said inking roller dips.

1,575,210. PROCESS FOR THE MANUFACTURE OF FIBERS, TAPE, ETC., FROM VISCOSE. ADOLF KÄMPF, Premnitz, Westhavelland, Germany. Filed May 7, 1923. Serial No. 637,374. 3 Claims. (Cl. 18—54.)

1. The method of making cellulose products from viscose that comprises spinning unripened viscose in an acid bath having a temperature of about 4° C.

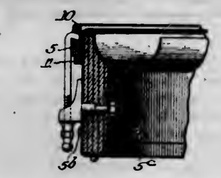
3. The method of making cellulose products from viscose that comprises producing completely unripened viscose from completely unripened alkaline cellulose, and spinning the unripened viscose in an acid bath having a temperature of about 4° C., the bath containing organic bodies or salts only to the extent in which they find their way into the bath by the spinning process.

1,575,211. ELECTRIC HEATER. ARTHUR KEMPSTON and GEORGE J. HENRY, San Francisco, Calif., assignors to Majestic Electric Appliance Co., San Francisco, Calif., a Corporation of California. Filed Apr. 2, 1925. Serial No. 20,036. 4 Claims. (Cl. 219—34.)



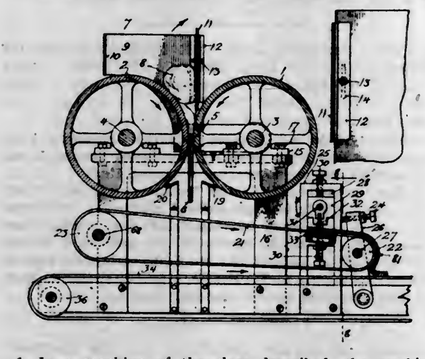
1. In an electric heater, a refractory member adapted to carry an electric resistance and comprising a plurality of receiving shelves substantially parallel and spaced apart, a plurality of air ducts in said member adjacent said resistance whereby air passing through said ducts is highly heated.

1,575,212. STRINGED MUSICAL INSTRUMENT. WALTER I. KIRK and LOUIS E. PETERSEN, Chicago, Ill., assignors, by mesne assignments, to Marquette Music Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 29, 1922. Serial No. 557,271. 3 Claims. (Cl. 84—269.)



1. A stringed musical instrument having a rim with an annular shoulder, a diaphragm extending across the rim, means for holding the diaphragm under tension and an annular member arranged beneath the diaphragm and extending around within said rim, and at the upper edge of the same, said annular member being concave with both its outer and inner edges near the diaphragm so as to form a resonating chamber beneath the diaphragm, the inner edge of said member being free from contact with the diaphragm.

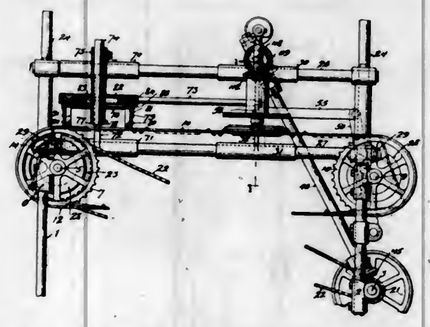
1,575,213. MACHINE FOR ROLLING PIE-CRUST DOUGH. JOHN F. KOHLER, White Plains, N. Y., assignor to New York Pie Baking Company, New York, N. Y., a Corporation of New York. Filed May 10, 1921, Serial No. 468,237. Renewed July 22, 1925. 4 Claims. (Cl. 107—12.)



1. In a machine of the class described, the combination of a pair of cooperating rollers spaced apart and adapted to roll a body of dough between them into sheet or strip form, and a hopper for holding a supply of dough to be taken by said rollers, said hopper being so disposed in relation to said rollers that the dough contained therein will have a relatively large area of contact with one of said rollers, and a wall in said hopper adjustable relatively to one of said rollers and arranged adjacent to the bight of said rollers and adapted to limit the contact of said body of dough with the other of said rollers to a relatively smaller uniform area than the area of contact with said first roller.

4. In a machine of the class described, the combination of means for rolling a body of dough into strip form of substantially uniform thickness, a conveyor for receiving the strip of dough therefrom, means for operating to sever said strip into individual sheets while moving with said conveyor, said severing means operating at a different speed to said conveyor to separate the severed edges of the dough, a second conveyor moving faster than said first conveyor and receiving the dough therefrom, and a roller for re-rolling said dough into a thinner body of substantially uniform thickness and operating on the dough while it is moving with said second conveyor.

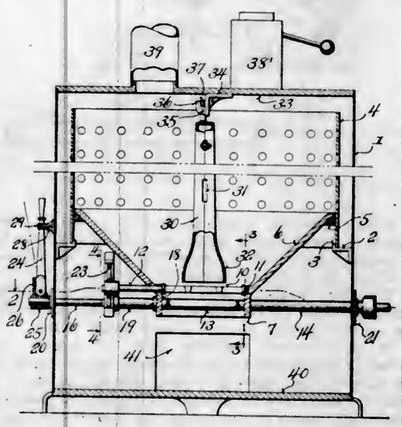
1,575,214. PIE-MAKING MACHINE. JOHN F. KOHLER, Larchmont Manor, N. Y. Filed Aug. 22, 1923. Serial No. 658,705. 25 Claims. (Cl. 107—1.)



1. In a pie making machine the combination of means for holding a pie plate having a sheet of dough thereon; means for cutting the sheet of dough to a circumference larger than the finished product; means for turning in the projecting edge of the dough and means for forming the turned-in dough into a rim.

10. In a pie making machine the combination of a support adapted to hold a pie plate with the flange of the plate resting on the support; a die co-operating with the said plate to press a sheet of dough; a cutting member co-operating with said support to cut a disk of dough of larger circumference than the finished product; means for pressing the cutting means into contact with said support; a blade for turning the projecting edge of dough inwardly between the plate and die, and means for pressing said blade into contact with said support.

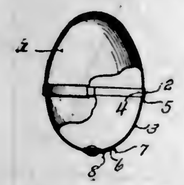
1,575,215. GARBAGE INCINERATOR. MATHIAS ANTON KOHN, Milwaukee, Wis. Filed Jan. 13, 1925. Serial No. 2,165. 2 Claims. (Cl. 110—18.)



1. A garbage incinerator comprising an outer shell having a transverse top, a perforated colander positioned therein and spaced therefrom, and having a downwardly extending open hopper, a grate carried in the lower portion of said hopper, a burner positioned below said grate and operatively connected to said grate, means for simultaneously rocking said grate and burner, a hollow vertical flame distributor positioned above said grate and having an open bottom and outwardly opening

apertures, and means carried by said transverse top and cooperating with the upper portion of said flame distributor to hold said flame distributor against rocking motion.

1,575,216. FISHING BOBBER. KURT KUEHN and OTTO RIBBECK, Manitowoc, Wis. Filed July 23, 1925. Serial No. 45,613. 2 Claims. (Cl. 43—49.)

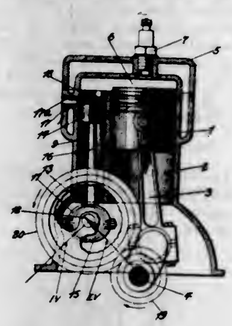


1. A bobber comprising a hollow metallic member of oval, shape, said bobber having a spring clip secured to its lower end and adapted to receive a line between such clip and the body of said bobber and having an outwardly turned outer end and having a recess intermediate its ends.

1,575,217. SEPARATION AND RECOVERY OF ARSENIC AND/OR ANTIMONY AND TIN. JOHN AUGUSTUS LAHEY, Sewaren, N. J., assignor to Vulcan Detinning Company, Sewaren, N. J., a Corporation of New Jersey. Filed May 6, 1925. Serial No. 28,523. 17 Claims. (Cl. 204—57.)

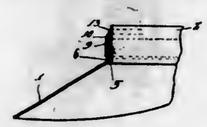
1. The improvement in separating arsenic and tin which comprises evaporating a solution containing the arsenic and tin in the form of oxysalts, cooling the solution and crystallizing out therefrom the oxysalts of arsenic while retaining the tin in solution, and recovering the tin from the remaining solution.

1,575,218. INTERNAL-COMBUSTION ENGINE. CHARLES LATTA, St. Louis, Mo., assignor of one-half to Allen Thurman Latta, St. Louis, Mo. Filed Feb. 11, 1922. Serial No. 535,669. 3 Claims. (Cl. 123—84.)



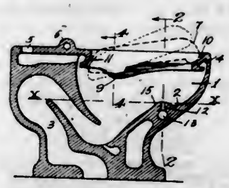
1. In an engine, a piston cylinder, a compression and combustion chamber at one end of the cylinder, separate inlet and exhaust valve cylinders having their upper ends in the same plane with and communicating with said chamber in the same plane, an inlet port to the inlet valve cylinder, a sliding piston valve in said inlet valve cylinder, an exhaust port from said exhaust valve cylinder in the same plane with said inlet port, a sliding piston valve in said exhaust valve cylinder, a sealing device on each of said valves, said valves being duplicates, a cam shaft, cams of equal size on said shaft having their long radii at an angle of 90° relative to each other, and connections of equal length from said cams for operating said valves in strokes of equal length and in a relationship in which the sealing device on the inlet valve is beginning to open the inlet port when the sealing device on the exhaust valve has closed the exhaust port, and vice versa.

1,575,219. SUNSHADE. MARGARET E. MCCLAY and CHARLES E. MCCLAY, Los Angeles, Calif. Filed July 7, 1924. Serial No. 724,571. 1 Claim. (Cl. 2—12.)



A sunshade formed of pyralin comprising a visor having an upper engaging edge, a sweatband having a longitudinally extending air duct formed therein, the said sweatband being cemented to the visor at the upper engaging edge and head straps secured to the said sweatband.

1,575,220. SANITARY FIXTURE. FRANCIS T. MEYER, Montclair, N. J., assignor to Meyer-Sniffen Co., New York, N. Y., a Corporation of New York. Filed Sept. 26, 1924. Serial No. 739,994. 6 Claims. (Cl. 4—7.)



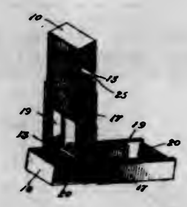
1. The combination of a water closet hopper or the like and means for flushing it, a bed pan supporting flange below the top edge of the rim closely adjacent thereto and above the bottom of the hopper, a jet opening below the support, and means for supplying a flushing fluid to the jet.

1,575,221. FOLDING COT. FRANK H. MORSE, Detroit, Mich. Filed Jan. 25, 1922. Serial No. 531,567. 4 Claims. (Cl. 5—118.)



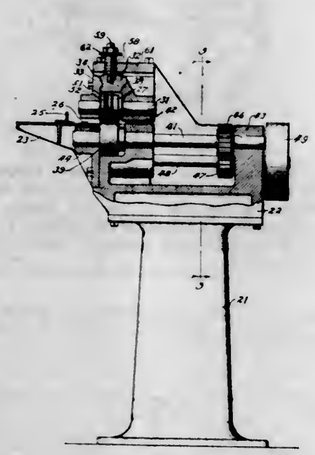
2. In a cot frame, a cross piece consisting of two parts pivoted together at their inner ends, means for limiting the relative pivotal motion of said parts to a position at which they are substantially in line, a pivot rod joining said parts and being turned upward, a supporting surface, the upturned end of said pivot rod engaging in a cavity in said frame at said supporting surface.

1,575,222. BRACELET. NELS T. NELSON, Attleboro, Mass., assignor to J. F. Sturdy's Sons Co., Attleboro Falls, Mass., a Corporation of Massachusetts. Filed July 15, 1925. Serial No. 43,776. 11 Claims. (Cl. 59—79.)



1. An extendible bracelet structure comprising a series of box-shaped link units, each having two cooperating relatively slidable sheet metal band links, one forming broad top and bottom walls and the other comparatively narrow side closing walls, the bottom wall of said band link having a lateral slot at substantially the middle of its length to permit the passage of a side band link therethrough for ready detachment of the units one from the other.

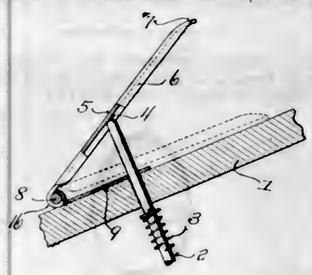
1,575,223. SCORING MACHINE. RONALD E. J. NORDQUIST, Maplewood, N. J., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 12, 1923. Serial No. 674,370. 9 Claims. (Cl. 113—15.)



1. A machine for scoring blanks for tearing strip containers, comprising a feeding table, a feeding roller for directing the blanks across said table, and a free scoring roller disposed above said feeding roller and adapted to be rotated by the motion of the blank to perform a scoring operation upon the latter.

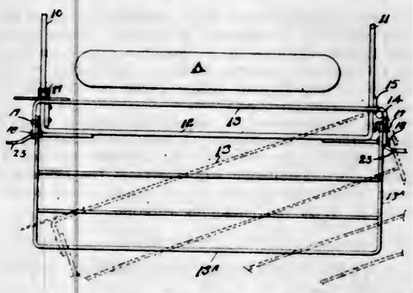
1,575,224. FOOT PEDAL. ELWIN D. OSBORNE, Racine, Wis. Filed Nov. 6, 1925. Serial No. 67,275. 2 Claims. (Cl. 74—81.)

1. An accelerator pedal for automobiles having a floor board and an accelerator rod, said accelerator comprising a sheet metal base member adapted to be secured to the floor board, a movable sheet metal member, a pintle pin pivotally joining said movable member and said base



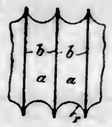
member, said movable member and said base member having projecting lugs and recesses cooperating to limit the upward motion of the movable member.

1,575,225. BAGGAGE CARRIER FOR AUTOMOBILES. ARTHUR PAINTER, Berkeley, Calif. Filed May 29, 1924. Serial No. 716,683. 5 Claims. (Cl. 224—29.)



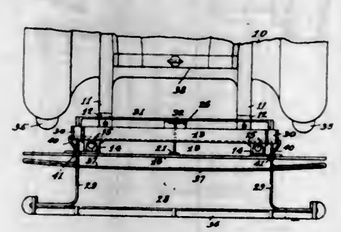
1. A baggage carrier for automobiles comprising carrier arms attached to said automobile and a rack pivotally mounted on a vertical axis upon one of said carrier arms so that said rack can be swung outwardly, said rack comprising a horizontally pivoted part adapted to swing downwardly into baggage holding position and to tilt upwardly to stand adjacent to the rear end of the automobile when not in use and means for securing said part of rack when in baggage holding postion.

1,575,226. WALL FOR VESSELS SUBJECTED TO EXTERIOR OVERPRESSURE. FRIEDRICH PICHLER, Ingolstadt, Germany. Filed Jan. 25, 1924. Serial No. 688,628. 2 Claims. (Cl. 220—72.)



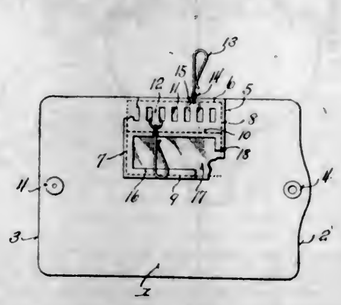
1. As a new article of manufacture, a thin wall for vessels subject to heavy external pressures, said wall consisting of a series of juxtaposed curved units, the outer surface of each unit presenting an uninterrupted concave curvature only and the total area of the juxtaposed parts of the units being so minute as compared with the area of the curved portions that the major portions of the wall constituted by the part of concave curvature are subjected only to tensile stresses and the relatively minute portions of the wall at which the units are juxtaposed are subjected to compressive strains within the material of the wall upon the occurrence of a substantial exterior pressure.

1,575,227. SAFETY FENDER FOR AUTOMOBILES. MATTHEW POLJANIC, West New York, N. J. Filed June 2, 1925. Serial No. 34,277. 7 Claims. (Cl. 293—37.)



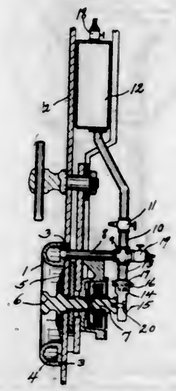
2. In a safety fender construction for automobiles, a support bar extending transversely across the forward extremity of the vehicle, a vertically movable safety gate structure, vertically disposed guide rods carried by the gate structure, bracket members mounted on the support bar in which the guide rods are supported for vertical movement, a latch member extending through the support bar for normally engaging and holding the safety gate in an elevated position, a pivoted tripping arm connected with the latch member at the rear of the support bar, a tripping bumper arranged to move rearwardly upon contact with an object, and means for applying the rearward movement of the tripping bumper to an actuation of the tripping arm whereby to withdraw the latch from engagement with the gate and permit the gate to drop to protective position.

1,575,228. KEY CASE. ROBERT H. ROLFS and HARRY J. ROLFS, West Bend, Wis., assignors to Amity Leather Products Co., West Bend, Wis. Filed May 8, 1925. Serial No. 28,842. 2 Claims. (Cl. 150—40.)



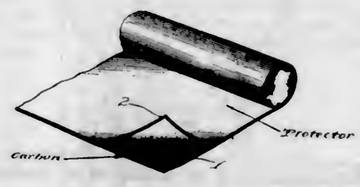
1. A key case comprising a body portion having foldable end flaps, a sheet of flexible material stitched to said body portion along its marginal edges and having a portion thereof free from said body portion, a relatively large cutout formed adjacent the unattached portion, a transparent member positioned rearwardly of said cutout and providing an identification card pocket, said sheet of material having a plurality of regularly spaced cutouts of smaller size than said first mentioned cutout, and defining tongues therebetween, and key hooks provided with rings, said rings being looped around said tongues.

1,575,229. SAFE PROTECTOR. DOMENICK RUFF, Youngstown, Ohio. Filed July 18, 1924. Serial No. 726,848. 2 Claims. (Cl. 109—6.)



1. In a device of the class described, the combination of a circular chamber positioned around a central knob carrying a dial, means for securing said circular chamber to the outer surface of a safe door, an upper gas chamber, and a frail tube communicating with said circular chamber and also communicating with said upper gas chamber, substantially as described for the purpose set forth.

1,575,230. FLEXIBLE PROTECTOR FOR CARBON PAPER. CHARLES P. SCHMITT, Jr., Chicago, Ill. Filed Dec. 3, 1924. Serial No. 753,588. 4 Claims. (Cl. 282—28.)

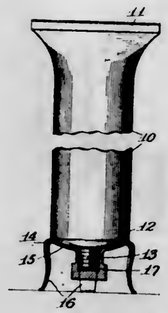


1. In combination, a carbon sheet, and a protector therefor, comprising a thin flexible sheet of material superimposed on said carbon sheet and adapted to absorb the shock of type indirectly striking thereagainst.

1,575,231. DEVICE FOR SUPPORTING FLEXIBLE TUBES. WALTER A. SELTMANN, Passaic, N. J. Filed June 5, 1923. Serial No. 643,486. 3 Claims. (Cl. 221—60.)

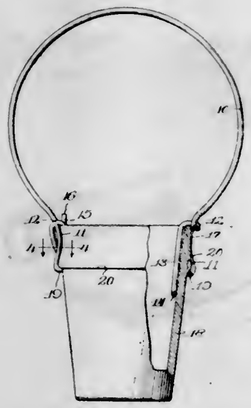
1. A device for supporting a flexible tube in an upright position, said tube comprising a body portion provided at one end with a discharge spout, and said device comprising a body portion fashioned to receive said spout and

provided at the periphery thereof with means depending in a direction away from said tube and projecting beyond the discharge end of the spout and of substantially the



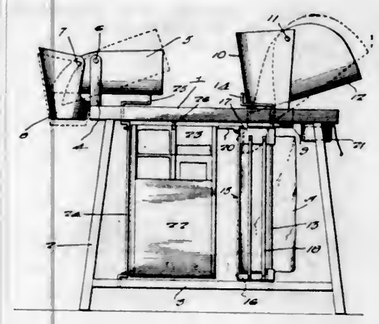
same transverse dimensions as the corresponding dimensions of said tube and adapted to be placed on a suitable support for supporting said tube in an upright position.

1,575,232. HANDLE OR HANGER FOR FLOWERPOTS AND THE LIKE. GROVER P. SHEARER, Chicago, Ill., assignor to A. L. Randall Company, Chicago, Ill., a Corporation of Illinois. Filed May 28, 1925. Serial No. 33,344. 4 Claims. (Cl. 215—100.)



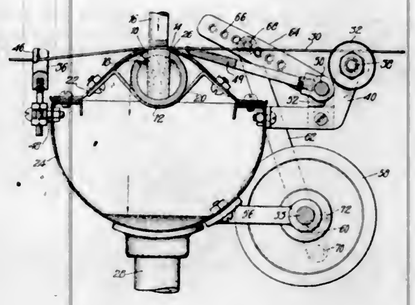
1. A handle of the character described embodying a body, a portion of the body being bent to form a loop at a point remote from the end of the body, then in a direction transverse to and across the loop, and then in a direction adjacent and substantially parallel with the loop and spaced therefrom to form laterally spaced members adapted to receive the edge of a receptacle therebetween, one of said members being shaped to form a laterally projecting shoulder extending in a direction across the space between the members and adapted to engage under a shoulder on the said edge of the receptacle.

1,575,233. BAG HOLDER AND FILLING DEVICE. RAYMOND H. STILLMAN, Eatontown, N. J., assignor of one-half to Frederick Baden, Monmouth County, N. J. Filed Oct. 23, 1924. Serial No. 745,469. 2 Claims. (Cl. 226—58.)



1. In combination, a table, a bracket on the table, a scoop pivotally mounted intermediate its ends on the bracket, and a hopper having a side opening in the upper portion only thereof into which said scoop extends, and a fixed pivot between the hopper and the scoop.

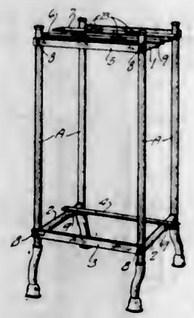
1,575,234. YARN-DYEING DEVICE. GEORGE T. THOMAYER, Albany, N. Y., assignor, by mesne assignments, to Economy Dyeing Machine Corporation, Albany, N. Y., a Corporation of New York. Original application filed Feb. 2, 1925, Serial No. 6,253. Divided and this application filed June 6, 1925. Serial No. 35,289. 8 Claims. (Cl. 8—19.)



3. Apparatus of the type described which comprises a dye containing tank, a wick in said tank, means for passing yarn over and in contact with the upper surface of said wick, a rock shaft, a finger mounted on said rock shaft, a crank arm on said shaft, a reciprocating link and means for connecting said link to said crank arm at a variable distance from the axis of said rock shaft.

1,575,235. STAND. HIERO G. TIFFANY, St. Louis, Mo. Filed Apr. 5, 1924. Serial No. 704,446. 6 Claims. (Cl. 45—31.)

1. A stand for supporting computing machines and the like, comprising two side frames, each constructed in the form of a single unit, tie members detachably fastened to said side frames for connecting them together, two transversely-disposed supporting members at the upper end of the stand detachably and adjustably connected to said side frames and adapted to be moved towards and



away from each other, and adjustable machine supports on said supporting members that are adapted to be adjusted longitudinally of same.

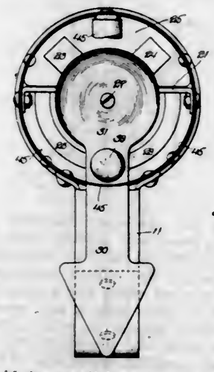
1,575,236. ATTACHMENT FOR FLUSH TANKS. BERT O. TILDEN, Trenton, N. J., assignor to B. O. T. Mfg. Co., Trenton, N. J., a Corporation of New Jersey. Filed Mar. 30, 1925. Serial No. 19,485. 2 Claims. (Cl. 4—67.)



2. A head piece for the handles of flush valve operating mechanisms having stems for actuating the valve, including an integral globular vitrified body having a cylindrical neck projecting outwardly from a side of the body, said neck having a stem-receiving socket extending from its outer end into the body, the body being formed with a recess in its periphery arranged in substantially the plane of the adjacent side of the neck and disposed at right angles to the socket and being further formed with an opening extending from the recess into the socket, and an escutcheon for the head-piece including a circular body having a central axial opening and having a concentric socket at one end to receive the neck of the head piece, the bottom wall of the socket being concave, the opposite end of the body being formed with a circular cavity surrounded by an annular face which latter is concaved to conformably seat against the convex outer face of a flush tank.

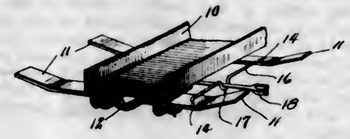
1,575,237. VEHICLE SIGNAL. FREDERICK W. VODOZ, Chicago, Ill. Filed Jan. 27, 1922. Serial No. 532,127. 3 Claims. (Cl. 177—327.)

3. In a signal, a pair of solenoids, means for selectively energizing either solenoid, a semi-circular core movable in either direction according to the selective energization of one of the solenoids, a signal arm and lamp carried by the core and actuated in opposite directions according to the solenoid selected, and means adapted to connect the



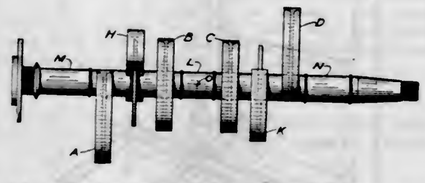
inactive solenoid in parallel with the selected solenoid after a predetermined initial movement of the core to cause a further movement of said core.

1,575,238. SAFETY DEVICE FOR BRAKE RODS. CHARLES I. WALKER, Los Angeles, Calif., assignor to Chicago Railway Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 2, 1923. Serial No. 666,192. 7 Claims. (Cl. 188—205.)



1. In a car truck construction, the combination with a brake beam support, of means secured to said support and adapted to catch and support a brake rod when the latter is disconnected at either one of its ends.

1,575,239. METHOD OF COUNTERBALANCING ENGINE MAIN SHAFTS. CLINTON L. WALKER, Piedmont, Calif. Filed Feb. 4, 1924. Serial No. 690,682. 5 Claims. (Cl. 74—38.)



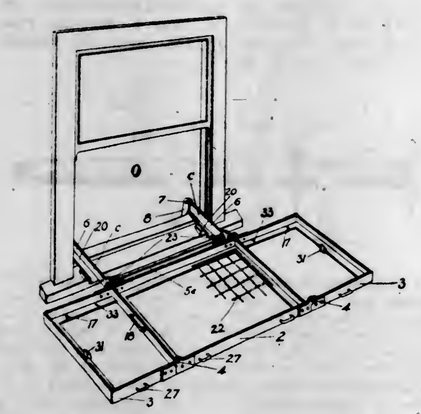
1. A method of counterbalancing an engine main shaft having four throws, with the throws set as follows: Throws 1 and 4 set at 180° apart; throws 2 and 3 set at 180° to each other but at 90° to throws 1 and 4; which consists in treating each half of the shaft as a cantilever supported at the central transverse plane of the shaft, determining the bending moment of the cantilever at the point of support produced by the centrifugal force of each throw multiplied by the distance from the central transverse plane of the shaft, and counteracting this bending moment by weights of such mass and radius of mass center and distance from the central transverse plane of the shaft that their bending moment will be equal and opposite to that of the throws to be balanced.

1,575,240. CIGARETTE-DISPENSING DEVICE. LOUIS WEIDLICH, Stratford, Conn. Filed Oct. 23, 1923. Serial No. 670,272. 1 Claim. (Cl. 211—8.)



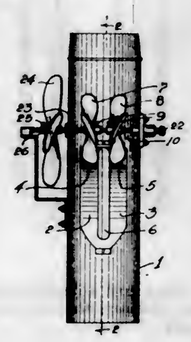
A device of the character described, comprising a casing having a front wall provided near its lower edge with a horizontal grooved cigarette receiving portion, said front wall being provided with a horizontal slot having its edges in a vertical plane and having its lower edge coincident with the inner edge of said grooved portion, a cigarette containing hopper in said casing provided in its base with a horizontal opening having its edges in a horizontal plane above the upper edge of said slot of the front wall, the walls of said hopper being inclined inwardly toward said opening, a rotatable cylindrical cigarette selecting and delivering member mounted in the casing beneath said opening of the hopper and at the side of said slot of the front wall, the cylindrical surface of said member adapted to move through said opening and said slot to close them, said member being provided with a longitudinal pocket adapted to be moved upon rotation of said member between registering relation with said opening and registering relation with said slot, the surface of said pocket adapted in the latter position to be aligned with the surface of said grooved portion of the front wall whereby the cigarette delivered by said pocket rolls directly therefrom into said grooved portion, means for manually rotating said member, and limiting means adapted to limit the rotation thereof between said opening and slot registering positions of said pocket.

1,575,241. WINDOW BED. CLINTON W. WILLIAMS, now by judicial change of name Joseph Clinton Williams, Los Angeles, Calif. Filed Dec. 22, 1922. Serial No. 608,489. 7 Claims. (Cl. 5—10.)



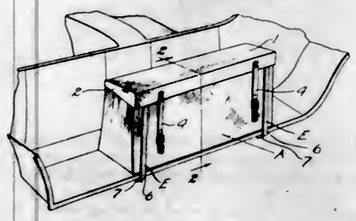
1. A wall-window bed having a main section of less length than a given window so as to pass fully therethrough in or out, means extensible to form a full length bed outside the wall, and a foldable supporting means attachable to the inner face of the wall and attached to the main section of the bed to hold the bed suspended outside the window and permitting the sash to be substantially closed while the bed is hung outside.

1,575,242. DRAFT FAN. JAMES E. WILLOUGHBY, Kellogg, Idaho. Filed Mar. 16, 1925. Serial No. 15,878. 3 Claims. (Cl. 253—37.)



1. The combination with a smoke flue having a slotted shield therein forming a pair of deflector plates for updraft through the flue, of a spindle supported transversely of the smoke flue and having an exterior impeller fan thereon, and a pair of fans within the flue alined with the deflector plates for operating the impeller fan.

1,575,243. AUTOMOBILE RUNNING-BOARD TRUNK. DESFORD WITBECK, St. Louis, Mo. Filed Mar. 2, 1925. Serial No. 12,685. 5 Claims. (Cl. 190—19.)

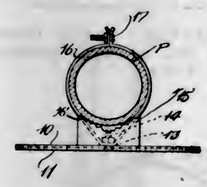


1. A collapsible running board trunk, comprising a casing constructed of fabric or other suitable material, rigid front and rear wall members arranged inside of the casing and connected at their upper ends to the front and rear wall portions of the casing, and a rigid bottom member interposed between said front and rear wall members and adapted to be disengaged from same and arranged in superimposed relation with said members when it is desired to collapse the trunk.

1,575,244. NAME PLATE. WILLIAM H. WIX, Baltimore, Md. Filed Dec. 17, 1924. Serial No. 756,437. 1 Claim. (Cl. 40—21.)

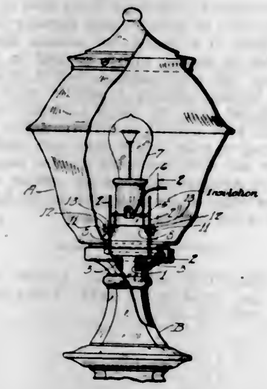
The combination with a name plate; of lugs projecting rearwardly from said name plate, each formed integrally therewith and positioned to hold said name plate in vertical alinement with the pipe to which the

plate is to be attached and a flexible securing band pivotally attached to said plate between said lugs on the rear side thereof, each of said lugs having its rear-



ward edge notched to engage the pipe, the edge of the notched portions of said lugs being serrated, and means to adjustably connect the ends of said securing band.

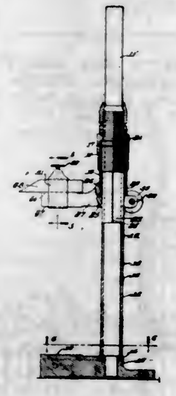
1,575,245. LAMP-BULB SUPPORT. WILLIAM WURDACK, jr., St. Louis, Mo., assignor to Wm. Wurdack Electric Mfg. Co., St. Louis, Mo., a Corporation of Missouri. Filed Apr. 28, 1924. Serial No. 709,415. 1 Claim. (Cl. 240—25.)



In combination with a lighting standard and a globe mounted upon the standard, the standard having a ledge below the plane of the globe, a spaced pair of longitudinally slotted parallel rails fixed at an end upon the standard ledge and upstanding in the globe, a bulb-socket disposed for adjustable movement intermediate the rails and relatively to the globe, angle brackets fixed at one leg to the socket, means comprising screw-members carried by the other legs of the brackets and projecting through the rail-slots for fastening the socket to the rails in adjusted positions lengthwise of the rails, and blocks having engagement with the brackets and fitting for sliding movement in the slots of the rails for retaining the socket against tilting movement relatively to the rails.

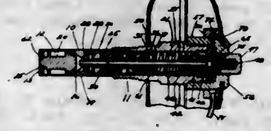
1,575,246. MICROMETER HEIGHT GAUGE. DANIEL ANDERSON, Rockford, Ill. Filed Mar. 11, 1922. Serial No. 542,855. 12 Claims. (Cl. 33—165.)

1. A micrometer height gauge comprising a surface-working base carrying an upright rod, one or more gauge sleeves adapted to be positioned on the rod, a micrometer screw adapted to be moved lengthwise and rotatable on the rod and to bear against the uppermost gauge sleeve for determining measurements, a graduated thimble on the micrometer screw for rotating it, a nut on the mi-



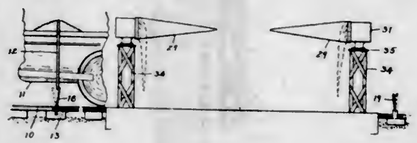
crometer screw having graduations in co-operation with those on the thimble, and a contact member fixed to the nut and adapted to cooperate with said base.

1,575,247. VENT VALVE. GIDEON ANDERSON, New York, N. Y. Filed July 8, 1922. Serial No. 573,574. 7 Claims. (Cl. 236—61.)



1. An automatic air vent for heating systems employing a moist heating medium, said vent comprising a member having a continuous passage therethrough leading to the outside thereof, a valve in said member for opening and closing said passage, a seat for said valve, means for holding the valve off its seat while the air escapes, means controlled by the moisture of the heating medium for permitting said valve to move said first-named means to ineffective position and allow seating of the valve and closing of said passage, and means operable to unseat the valve, when said first-named means is in ineffective position, to permit the heating medium to pass between the valve and its seat.

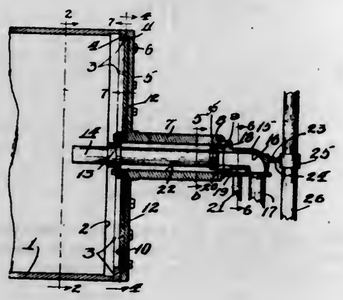
1,575,248. CROSSING GATE. JEREMIAH ANDY, Newington, Conn. Filed June 12, 1924. Serial No. 719,681. 1 Claim. (Cl. 39—1.)



In combination with a railroad crossing, a pedestal located at one side of the roadway, a housing supported by said pedestal, a gate supported from one side of said housing for being alternatively projected over the ad-

jacent portion of said highway and supported in pendent position, said gate being in the form of a hollow structure and having a side wall of fabric-like material, and means for providing air under pressure for effecting such projection of the gate.

1,575,249. APPARATUS FOR REMOVING CONDENSATE FROM REVOLVING DRIERS. EARL ELWIN BERRY and HAMILTON N. ROSS, Beloit, Wis., assignors to Beloit Iron Works, Beloit, Wis. Filed Dec. 15, 1923. Serial No. 680,821. 12 Claims. (Cl. 34—4.)



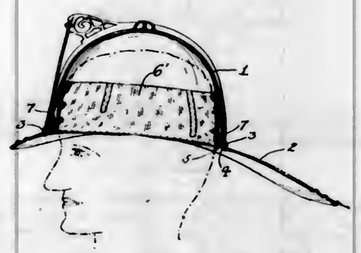
1. A paper machine drier comprising a cylinder having a plurality of outlet passages at the end thereof, and an end closure plate secured to the cylinder and cut away to project therein, said closure plate having a plurality of radial outlet passages therein and a ring groove which registers with the cylinder outlet passages and with the closure plate radial outlet passages.

1,575,250. OIL-WELL PUMP. THOMAS W. BRITTAIN, Long Beach, Calif. Filed June 21, 1924. Serial No. 721,418. 4 Claims. (Cl. 103—184.)



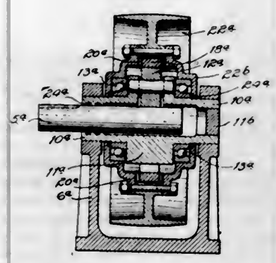
1. A pump of the class described, comprising a working barrel, a plunger in the working barrel, a standing valve below the plunger, an inlet line to the plunger, a working barrel within said inlet line and discharging into the first mentioned working barrel, a second and annular inlet line to said first mentioned working barrel, an annular standing valve for said annular inlet line, and a plunger in said second mentioned working barrel.

1,575,251. HEADGEAR. EDWARD CAIRNS, Montclair, N. J. Filed Feb. 26, 1925. Serial No. 11,736. 3 Claims. (Cl. 2—5.)



1. The combination comprising a hat body of relatively inelastic material, an insert lining therefor adapted to engage the skull of a wearer, an annular elastic cushioning member of sponge rubber secured to the insert lining adjacent the lower margin thereof, said cushioning member having normally a smaller outer periphery when unstretched than the inner periphery of the hat body to which it is secured so that the lower margin of said cushioning member is stretched with respect to its upper margin and said cushioning member being so positioned that it normally assumes an oblique angle with respect to the sides of the hat prior to its being placed on the head of the wearer.

1,575,252. FRICTION GEARING. LIONEL A. CARTER, St. Louis, Mo. Filed May 1, 1922. Serial No. 557,555. 4 Claims. (Cl. 74—26.)



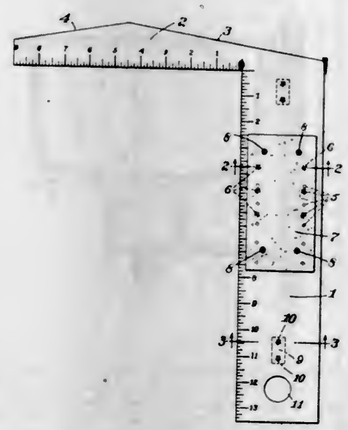
1. Friction gearing comprising a shaft, a ring surrounding said shaft, wheels located between said shaft and said ring and in contact therewith, a member having a portion opposite one end of said ring, and tongue and groove connections between opposing end faces of said ring and said member, said connections being adapted to permit relative rndial movement of said ring and said member.

1,575,253. SHELL DRILL. JOHN CHESNEY, Paulsboro, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del., a Corporation of Delaware. Filed June 12, 1916. Serial No. 103,134. 9 Claims. (Cl. 77—4.)



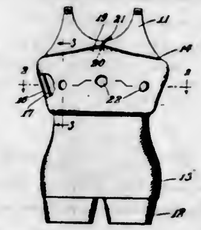
1. A drilling apparatus for shells having a drill, and means to feed a shell downwardly in an inverted position to the drill, a reciprocable carrier for the shell and means for imposing fluid pressure upon said carrier to elevate the same.

1,575,254. TOOL. ERNEST S. COEY, Birmingham, Ala. Filed May 2, 1925. Serial No. 27,538. 2 Claims. (Cl. 33—194.)



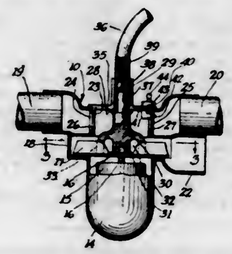
1. A tool comprising a main leg and a supplemental leg, the inner straight edge on one leg joining an inner straight edge on the other at right angles, points secured to one leg and projecting from the surface thereof, and a strike pad secured to one of the legs overlying the heads of the projecting points.

1,575,255. SWIMMING GARMENT. JULIAN CZYZYKOWSKI, Harrison, N. J. Filed June 16, 1924. Serial No. 720,165. 1 Claim. (Cl. 9—20.)



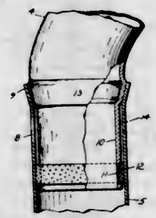
A substantially rectangular band of impervious material doubled and seamed to form an air holding sack, said band having means at its corners to engage about a person's body, and having a plurality of ventilating openings on the center line thereof, a re-enforcing casing on the outer surface of said band, means for inflating the band, and a valve controlling said inflating means.

1,575,256. ATTACHMENT TO SUCTION SWEEPERS. JOAQUIN DEL RIO, New York, N. Y. Filed Dec. 31, 1923. Serial No. 683,796. 2 Claims. (Cl. 15—246.)



1. The combination with a suction sweeper having a motor, a fan driven directly thereby and a casing enveloping said motor and fan, said casing having a cylindrical chamber over the fan, of a cover for said casing, said cover having a depending circular flange fitting the chamber and an elongated hub, a rotatable catch removably securing said cover to said casing, a drive head journalled in said hub and intersecting the vanes of said fan, and a flexible shaft actuated by said drive head.

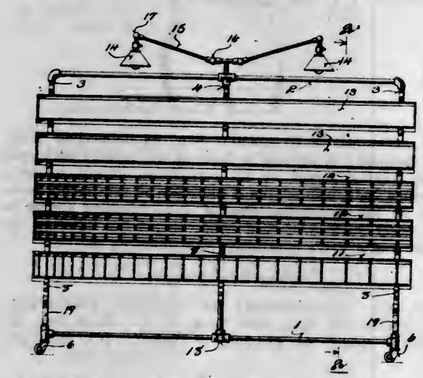
1,575,257. SOCKET JOINT FOR WIND MUSICAL INSTRUMENTS. MORRIS EARL, Oakland, Calif. Filed July 5, 1924. Serial No. 724,183. 4 Claims. (Cl. 84—385.)



1. A socket joint for wind musical instruments, comprising a body member provided with a socket having a flaring end of shallow depth and a mouthpipe having a

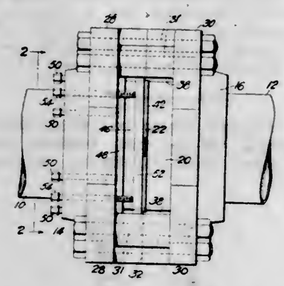
spigot end of formation adapted to enter said socket and contactingly seat on said flaring end, and said spigot end having near its extremity a narrow ring of resilient material to effect an air-seal thereat.

1,575,258. PORTABLE SLUG, RULE, AND BORDER STANDARD. EDMUND PAUL EHRLINGER, Janesville, Wis. Filed Mar. 23, 1923. Serial No. 627,115. 1 Claim. (Cl. 276—44.)



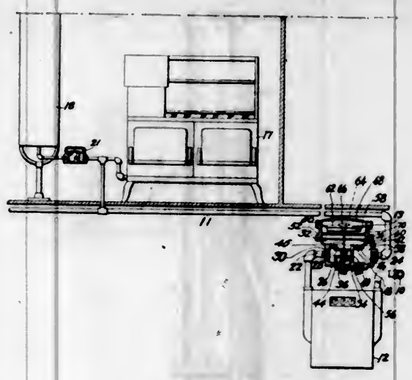
A portable support for compositors' material comprising a vertical frame work having end bars and an intermediate bar extending vertically upwardly and joined adjacent their upper and lower ends, a bracket secured on opposite sides of each of said bars, said brackets furnishing a plurality of downwardly slanting faces arranged one under the other with the upper end of one face spaced below the lower end of the next face, outwardly extending lugs carried by said brackets adjacent the lower ends of each of said faces, and a plurality of elongated trays supported by said faces and said brackets.

1,575,259. COMBINED PIPE CONNECTION AND ORIFICE-DISK HOUSING. JAMES P. FISHER, Bartlesville, Okla., assignor to Doherty Research Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 8, 1921. Serial No. 450,648. 6 Claims. (Cl. 73—167.)



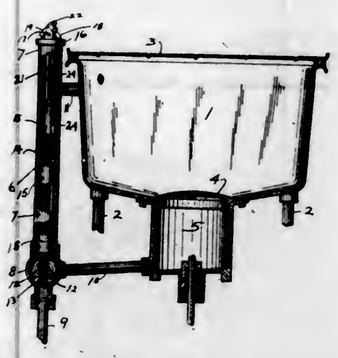
4. In a device of the class described, an orifice plate, a housing for the plate, constructed to connect two adjacent pipe sections, the said housing comprising a pair of flanges spaced apart by a distance such as to permit the orifice plate to be inserted between them, and means for forming fluid-tight joints between the plate and the housing comprising a packing ring mounted on one of the flanges, a retaining ring surrounding the packing ring, and means for moving the retaining ring into close engagement with the orifice plate to provide support for the packing ring adjacent to the plate.

1,575,260. PROCESS AND APPARATUS FOR DISTRIBUTING GAS TO CONSUMERS. JAMES P. FISHER, Bartlesville, Okla., assignor to Doherty Research Company, New York, N. Y., a Corporation of Delaware. Filed May 4, 1921. Serial No. 466,761. 14 Claims. (Cl. 48—190.)



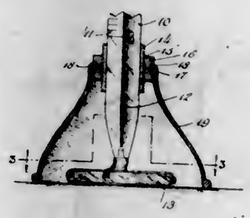
8. An apparatus for distributing gas to consumers comprising a supply main, means for limiting the demand of a consumer on the supply main, and means for automatically restricting the flow of gas to certain of the appliances of the consumer when necessary to assure an adequate supply of gas to other of the consumer's appliances.

1,575,261. DRAINAGE DEVICE. CHARLES B. FOSTER, Indianapolis, Ind. Original application filed Dec. 8, 1917, Serial No. 206,291. Divided and this application filed July 17, 1923. Serial No. 652,056. 3 Claims. (Cl. 4—202.)



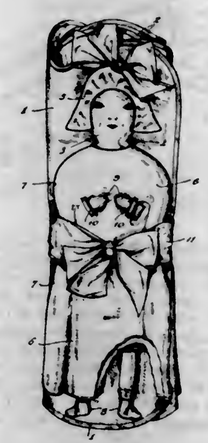
1. A draining device connected with a receptacle comprising a valve body, a casing in open connection with said body, a pipe connecting said receptacle with said body for draining said receptacle, a valve seat on said body forming a draining exit, a valve for said seat, a tube passing through said valve and fixed thereto, said tube extending part way up into said casing, a second tube, longer than the first mentioned tube, between said casing and said first mentioned tube, spaced from the latter and from said casing, said second tube being adapted to seat upon said valve, to close its lower end, means for positioning said tubes with respect to one another and with respect to said valve and its seat.

1,575,262. SKIN THERMOMETER. LEOPOLD E. GREINER, Jr., Bronx, N. Y. Filed May 22, 1923. Serial No. 640,668. 1 Claim. (Cl. 73—52.)



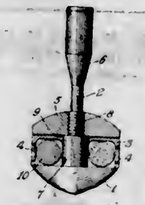
A clinical skin thermometer including a bulb capable of being engaged with the skin, a graduated stem projecting from said bulb, an externally screw threaded sleeve secured to said stem adjacent said bulb, an internally screw threaded collar for receiving said sleeve and with respect to which the latter is longitudinally movable when said stem is rotated relative to the collar, and a flexible shield carried by said collar and capable of contact with the skin to form a chamber for said bulb from which air may be expelled by a depression of said shield when the bulb is retracted within the shield to a point adjacent said collar by rotation of said stem in one direction, the stem and sleeve being thereafter rotatable in an opposite direction to engage said bulb with the skin.

1,575,263. COMBINED COVERLET AND DOLL. WINIFRED GUGLIELMI (Mrs. Rudolph Valentino), professionally known as Natacha Rambova, New York, N. Y., assignor to Cosmic Arts, Inc., New York, N. Y., a Corporation of Delaware. Filed Mar. 6, 1924. Serial No. 697,224. 3 Claims. (Cl. 46—40.)



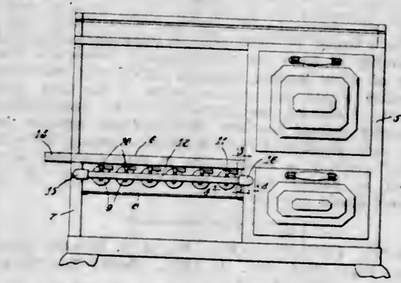
1. A convertible robe and doll comprising a fabric body of greater length than width, and a doll formed on said body and extending transversely thereof having a face and a hood raised from said fabric and stitched thereto at its margins, and hands and feet flexibly connected with said fabric body.

1,575,264. INDICATOR TOP. BEULAH L. HENRY, New York, N. Y. Filed Jan. 23, 1924. Serial No. 687,895. 8 Claims. (Cl. 273—147.)



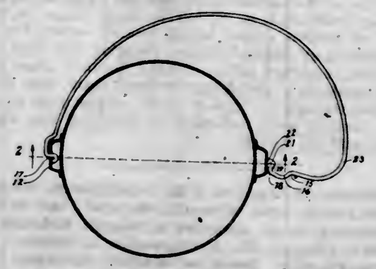
8. A top of the character described including a hollow, independently rotatable, portion having openings therein, and balls located in said hollow portion and adapted to register with the openings therein.

1,575,265. MANIFOLD SUPPORT. PETER I. HOLLMAN, Rockford, Ill., assignor to Geo. D. Roper Corporation, Rockford, Ill., a Corporation of Illinois. Filed Oct. 22, 1925. Serial No. 64,200. 3 Claims. (Cl. 126—39.)



1. In a gas stove, the combination with a burner top section of a front manifold pipe, a plurality of burner cocks for supplying gas from said manifold pipe to burners in said top section, and means for supporting said manifold pipe consisting solely of a gas supply pipe connected to and communicating with one end of said manifold pipe, and a bracket connected to and closing the opposite end thereof.

1,575,266. BAIL. JOHN M. HOTHERSALL, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Aug. 9, 1920, Serial No. 402,333. Renewed July 20, 1925. 2 Claims. (Cl. 220—95.)



2. A bail for pails, buckets and the like, having at each end a pivot portion adapted to extend inward through the opening of a bail ear, and having thereboyond a downwardly and outwardly extending return

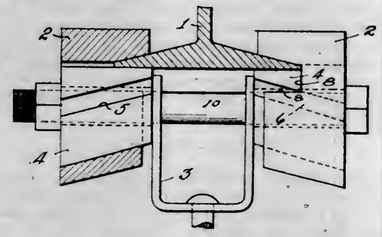
part 22, to allow the extreme end of the bail to be first inserted through the ear and then to abut against the inner side of the bail ear which embraces said pivot portion.

1,575,267. LAPPER. WALLACE M. HOULDSWORTH, Royal Oak, Mich. Filed Apr. 5, 1923. Serial No. 629,971. 6 Claims. (Cl. 51—206.)



1. In a lapper, in combination, a rotatable body having a plurality of seats for spiral lapping elements, a plurality of spiral lapping elements individually removably receivable within the provided seats of the body, said elements extending lengthwise the body and circumferentially thereof but less than half way around the body, and releasable retaining means engaging the ends of said elements to secure them in their provided seats adaped to permit limited movement radially of the elements during operation.

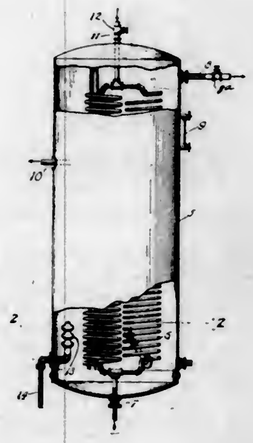
1,575,268. I-BEAM CLAMP. FRANK H. HOWARD, Reading, Pa. Filed Nov. 4, 1925. Serial No. 66,742. 2 Claims. Cl. 248—32.)



1. In an I-beam clamp, a pair of clamping members having inclined lugs formed on their inner walls, a pair of tapered sliding blocks located within the said members and having grooves engaging the lugs, said clamping members having recesses in their inner faces to accommodate the flange of the I-beam, and a bolt passing through the tapered blocks and adapted to draw the clamping parts towards each other and into engagement with the I-beam.

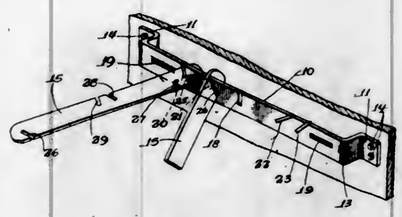
1,575,269. APPARATUS FOR CONDENSING VAPORS. EDWARD W. ISOM, Winnetka, Ill., and JOHN E. BELL, Brooklyn, N. Y., assignors to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed May 27, 1921. Serial No. 472,999. 13 Claims. (Cl. 261—77.)

1. In an apparatus for cooling and condensing mixtures of hydrocarbon vapors and gases, a tank, cooling coils arranged therein, means for maintaining a substantially constant liquid level in the tank, nozzles arranged to discharge into the lower part of the tank below the normal liquid level and thoroughly to agitate liquid



in the tank and connections for introducing the mixture of hydrocarbon vapors and gases to be cooled and condensed to said nozzles.

1,575,270. INTERCHANGEABLE SUPPORTING STRUCTURE. SIMON JANKOWSKY, Tulsa, Okla. Filed Apr. 6, 1925. Serial No. 21,059. 4 Claims. (Cl. 211—14.)

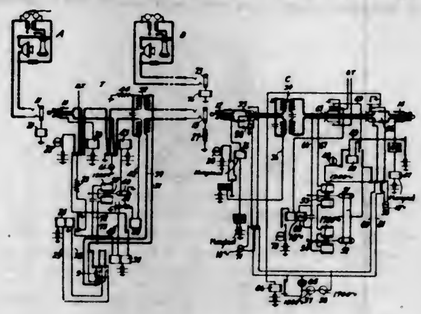


1. In an interchangeable structure system, a plurality of separate supporting pieces comprising a master piece and one or more associated pieces, all being of substantially uniform cross-sectional area and provided with a plurality of uniform slots arranged at varying angles to afford mutually interchangeable double slotted connection of the pieces at varying angles with respect to each other, and clamping means for securing other structural parts to said pieces comprising spring clamping members having one end adapted to fit in said slots and extend into tensional engagement with said structural parts.

1,575,271. TELEPHONE SYSTEM. HENRY W. O'NEILL, Brooklyn, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 1, 1922. Serial No. 604,196. 13 Claims. (Cl. 179—50.)

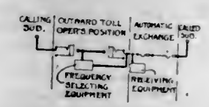
1. In a telephone system, a link circuit adapted to interconnect lines of different characteristics, a bridge

associated with said link circuit comprising a plurality of selectively responsive devices, a plurality of signals



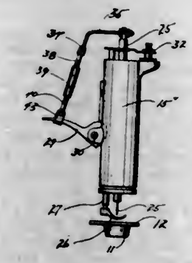
controlled thereby, and means dependent upon the characteristics of the line with which said link circuit is associated for selectively controlling said signals.

1,575,272. TELEPHONE SYSTEM. HENRY W. O'NEILL, Brooklyn, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 31, 1923. Serial No. 671,871. 16 Claims. (Cl. 179—27.)



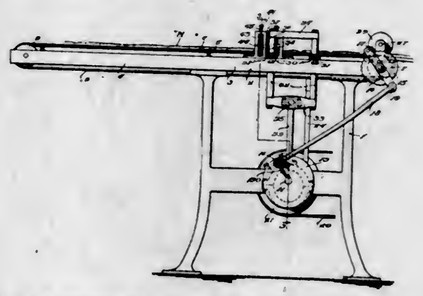
1. In a telephone exchange system, a toll line, automatic switching means associated with the incoming end thereof, a called subscriber's line terminating in said switching means, sources of alternating current, sending means for transmitting pulses over siad toll line to set said switching means to connect said subscriber's line with said toll line, each of said pulses comprising currents from various combinations of said sources and means responsive to the first of said pulses to condition said switching means for receiving said pulses.

1,575,273. CROSS-STITCH ATTACHMENTS FOR PATCH MACHINES. JOHN OPACITY, Newark, N. J. Filed Sept. 29, 1924. Serial No. 740,422. 1 Claim. (Cl. 112—239.)



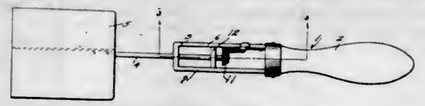
In a sewing machine having a reciprocating needle-bar and a presser-foot bar, said presser-foot bar being provided with a manually operating raising lever, a loop engageable with said lever, a rod actuated by the needle-bar, and right and left hand screw-threaded connections between said loop and rod.

1,575,274. MARSHMALLOW-CUTTING MACHINE. PASQUALE PASSARELLI, Brooklyn, N. Y. Filed Mar. 27, 1925. Serial No. 18,862. 3 Claims. (Cl. 107—21.)



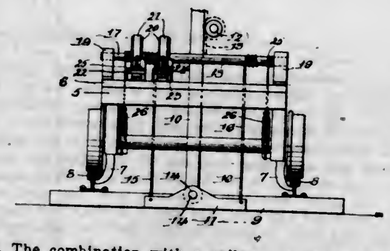
1. In a machine for cutting a sheet of confection paste into pieces of uniform size, a conveyer belt for supporting and advancing the sheet, a cutter including a blade movable vertically into and out of cooperative relation to the belt to cut the sheet transversely of its line of travel, means for reciprocating the cutter, compressing rollers extending across the sheet in advance of and to the rear of said blade, and means for imparting intermittent movement to the belt in consonance with the operation of the cutter.

1,575,275. CAKE TURNER. BENJAMIN F. PEARSON, Asheville School, N. C. Filed July 10, 1924. Serial No. 725,210. 5 Claims. (Cl. 294—8.)



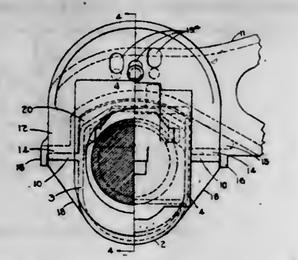
1. In a cake turner, the combination of a shank carrying a cake receiving plate, a handle provided with a U-shaped end, the shank penetrating the base of the U-shaped end and supported in the U-shaped end, and means carried by the U-shaped end for rotating the shank.

1,575,276. ATTACHMENT FOR TRACK-LIFTING MACHINES. ERNEST E. PETERSON, Carson Lake, Minn. Filed Sept. 8, 1924, Serial No. 736,533. Renewed Jan. 14, 1926. 6 Claims. (Cl. 104—7.)



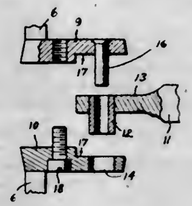
2. The combination with a railway car adapted to be clamped on the supporting rails and provided with a pedestal and a boom adapted to be engaged to raise the car and rails, of means severally connecting the sides of said pedestal with the sides of said car and means for severally retarding or stopping the movement of said connecting means relative to said car during the upward movement of said car on said boom whereby lateral tilting of the car may be limited or prevented.

1,575,277. RAILWAY-CAR TRUCK. JOHN A. PILCHER, Roanoke, Va. Filed Aug. 13, 1921. Serial No. 491,989. 3 Claims. (Cl. 105—220.)



1. In combination with a truck journal box, a side frame resting on arc-shaped seats disposed at the sides of the said journal box below the top thereof, liners interposed between said side frame and said arc-shaped seats on journal box for adjusting the height of said side frame relative to the journal box.

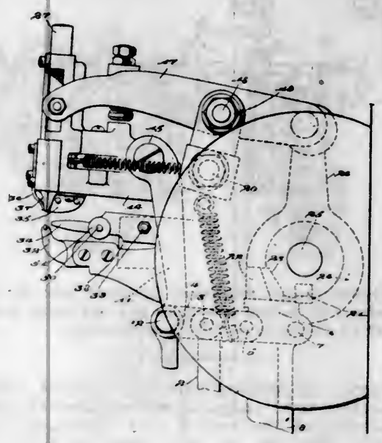
1,575,278. OPHTHALMIC MOUNTING. LAWRENCE POPTON, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Aug. 7, 1924. Serial No. 730,560. 4 Claims. (Cl. 88—53.)



1. An end piece connection for an ophthalmic mounting, comprising separable end piece members and a temple end connection, said end piece members having a plurality of aligned openings and a recess for the temple end, the temple end having an opening aligned with one pair of openings in the end piece members, a boss fixed to the temple end and projecting from the opening therein and extending into one of the openings in the end piece members, a pin fixed in the opposed opening in the end piece members extending into the opening in the temple end and boss, and means in the other openings in the end piece members to hold the members together.

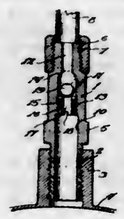
1,575,279. LASTING ATTACHMENT FOR STAPLING MACHINES. ADAM H. PRENZEL, Halifax, Pa. Filed July 9, 1925. Serial No. 42,543. 9 Claims. (Cl. 12—2.)

1. A lasting attachment for a stapling machine having a staple guide, said lasting attachment comprising spaced apart means upon which the margin of an upper is rested preparatory to stapling, means which move with the staple guide to press the marginal upper between and into gripping engagement with said spaced apart means,



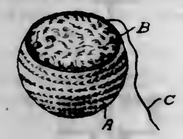
and means permitting yielding of said spaced apart means in the direction of movement of the staple guide causing a pull on the upper over a last by which it is carried.

1,575,280. VALVE. JOSHUA C. REYNOLDS, Louisville, Ky. Filed Dec. 29, 1924. Serial No. 758,771. 1 Claim. (Cl. 251—121.)



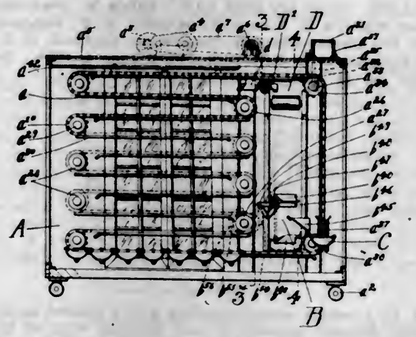
A valve comprising an elongated tubular body having its upper and lower end portions externally threaded and formed with an axially disposed bore, the lower portion of the bore being of greater diameter than the intermediate portion thereof and the upper portion of the bore being of less diameter than the said intermediate portion, the intermediate portion of said bore having a threaded portion and being formed with a rounded upper end forming a cup-shaped valve seat at its junction with the reduced upper end portion of the bore, a valve ball support screwed into the threaded portion of the intermediate portion of said bore and formed with a bore providing communication between the intermediate portion and lower portion of the bore of said body, the upper and lower ends of said support being formed with radial grooves intersecting its bore, and a valve ball in the intermediate portion of the bore of said body freely movable longitudinally therein from seating engagement with the upper end of the valve support to seating engagement with said valve seat.

1,575,281. PRACTICE GOLF BALL. ARMIN ROSENBERG, Milwaukee, Wis. Filed June 28, 1924. Serial No. 722,930. 2 Claims. (Cl. 61—170.)



1. As a new article of manufacture, a ball including a core of fibrous material and a spherical casing compacting said material and formed integrally thereabout, said casing comprising a series of stitches in an ellipsoidal helical path and individually under tension, whereby said cover is shaped during manufacture and closely and smoothly embraces said core without puckering.

1,575,282. AUTOMATIC PROOFER. SIGMUND SCHIFF, Cincinnati, Ohio. Filed Jan. 21, 1921. Serial No. 439,015. 28 Claims. (Cl. 198—31.)

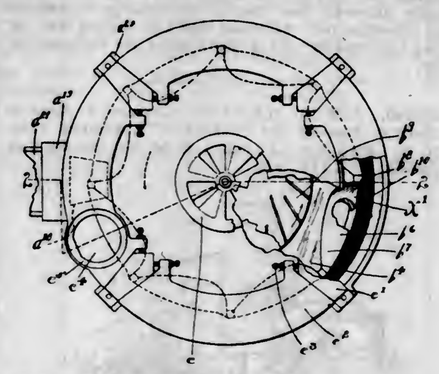


1. In an automatic proofer the combination of a casing having a proofing chamber within it, endless chains mounted movably upon opposite sides of the casing, trays mounted on the chains, a loading device comprising cups adapted to carry lumps of dough, a drum having a pocket adapted to register with the cups, an endless chain mounted within the casing transversely thereof, a series of carriers having their one end pivotally mounted upon the transverse chain and adapted to register with the pocket in the drum, a bar normally holding the other end of a series of carriers in a normally elevated position, a series of chutes having their upper ends disposed below the carriers, means adapted to lower the bar when a carrier registers with each chute, the chains mounted on the sides of the casing being adapted to carry the trays into registration with the bottoms of the chutes simultaneously with the lowering of the bar.

3. In a proofer the combination with trays, of a tray loading device comprising a belt extending from the proofer, a revoluble drum mounted upon the proofer and disposed below the inner end of the belt, pockets in the drum, carriers adapted to be moved below the drum and into which the pockets in the drum discharge, means to discharge the carriers into a tray, and means to revolve the drum.

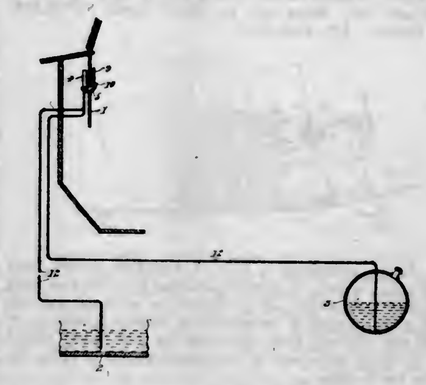
19. In a tray loading device the combination of an endless moving belt, carriers mounted hingedly on the belt for tilting transversely of the line of movement of the belt, means for depositing articles upon the carriers, and unitary means for tilting the carriers for discharging articles from the carriers.

1,575,283. BALLER. SIGMUND SCHIFF, Cincinnati, Ohio. Filed June 10, 1921. Serial No. 476,586. 33 Claims. (Cl. 107—9.)



19. In a baller the combination of a pot having a side wall, a kneading wheel revolubly mounted in the pot comprising a side wall, ribs in the side wall and having pockets formed in the side wall intermediate the ribs, the side wall of the pot and the side wall and ribs of the kneading wheel diverging upwardly, the pot forming a wall for the pockets and each pocket communicating at its ends with the next adjacent pockets, a base for the pockets formed on the lower portion of the kneading wheel tapering gradually upwardly from a place immediately below one rib to the next adjacent rib, and the side wall of the wheel being spaced at a greater distance from the side wall of the pot immediately adjacent the lowermost portion of the base of the pockets and approaching the side wall of the pot as the base reaches a higher level, and means to revolve the kneading wheel.

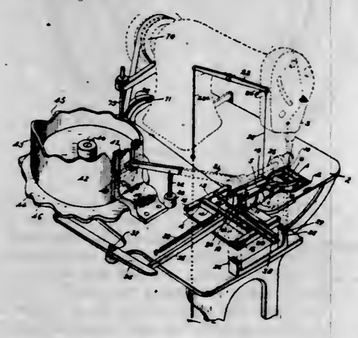
1,575,284. DEPTH GAUGE. PETER J. SEPPELIS, Ithaca, N. Y. Filed Aug. 2, 1922. Serial No. 579,152. 2 Claims. (Cl. 73—54.)



1. A gauge comprising a body of approximate J-shape, the longer arm or stem of the J being in the form of a tube closed at its top with the chamber of the tube terminating adjacent the lower end of the body, the shorter arm of the J having a recess at its upper extremity and the curve of the J being provided with a curved passage of a diameter considerably less than the diameter of the tube for connecting the recess with the tube, a packing gland in said recess, a graduated transparent gauge tube having its lower end open and extending through said

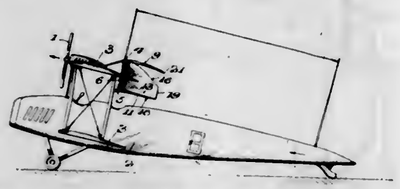
gland into said recess communicating with said passage, the upper end of the gauge tube having a contracted opening, the bore of the gauge tube being of slightly greater diameter than that of the passage, a pressure pipe extending into the closed tube and opening into the upper part thereof, and a liquid filling for the J-shaped body.

1,575,285. SEWING MACHINE. CHARLES J. SIBBALD, JOHN O. SIBBALD, and CHARLES T. A. SIBBALD, Troy, N. Y. Filed Apr. 21, 1922. Serial No. 555,925. 16 Claims. (Cl. 112—102.)



1. The combination with a sewing machine of an attachment therefor to permit stitching of letters, words, characters, or the like, said attachment including a material holder to present the material to the stitching mechanism of the sewing machine, a cam for controlling the movement of said holder, a sewing machine stop motion controlled in and by the movement of the cam, and manually operable means independent of the stitching to move said cam to a normal starting position following the action of the stop motion.

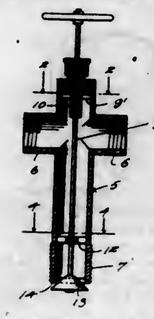
1,575,286. AEROPLANE. JOHN FINNIE DOWNIE SMITH, Atlanta, Ga. Filed Apr. 15, 1925. Serial No. 23,310. 6 Claims. (Cl. 244—29.)



1. In an aeroplane, a pair of elevators spaced from each other, a pair of rudders adjacent the elevators, said elevators and rudders being adapted to be moved towards each other in such a manner as to form a pocket to receive air currents from the propeller and either retard the forward movement of the plane or for moving the plane rearwardly.

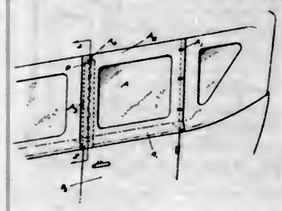
1,575,287. FEED VALVE FOR BOILERS. CLINTON A. SPINDLER, Marietta, Ohio. Filed Oct. 30, 1922. Serial No. 597,885. 1 Claim. (Cl. 251—43.)

In combination with a boiler, a valve barrel provided with a valve seat at one end, a plug threaded in the upper end of the barrel, a packing clamp fitted thereon, spiders arranged within the barrel, one of said spiders having an internally threaded sleeve, a threaded stem passing through the plug, the threaded sleeve and the said spiders, a valve carried by the lower end of the stem and engageable with the valve seat, and laterally disposed nipples on the barrel positioned at substantially



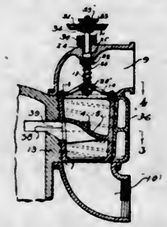
right angles to the barrel and adapted to be connected to the boiler feed water supply, forming a cutoff means to prevent freezing in cold weather, substantially as described.

1,575,288. CURTAIN-ROD CAP. BRUCE M. STANNARD and WILLIAM K. BISHOP, Binghamton, N. Y., assignors to The Brewer-Titchener Corporation, Cortland, N. Y., a Corporation of New York. Filed June 4, 1924. Serial No. 717,793. 7 Claims. (Cl. 296—139.)



2. In a vehicle curtain provided with a blinded sheath pocket disposed adjacent to one marginal edge of the curtain, a supporting rod therefor mounted within said sheath and having its end portion abutting the blind end of the sheath, and a protector cap concealed within said sheath comprising a transversely disposed hood member attached to said rod and serving to supplement the cross-sectional thrust area of the rod end for the purpose of protecting the curtain fabric against puncture, said cap members together with the rod being removable as a unit through the open end of said sheath.

1,575,289. ROTARY VALVE. JOHN R. E. SUTHERS, Moncton, New Brunswick, Canada. Filed Oct. 26, 1920. Serial No. 419,620. 4 Claims. (Cl. 123—190.)

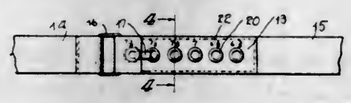


1. In combination with a rotary valve for internal combustion engines embodying a hollow valve sleeve having circular open ends and provided with a partition dividing the interior of the sleeve into non-communicating intake and exhaust chambers, the valve sleeve having parallel ports in the sides thereof respectively communicating with the intake and exhaust chambers, a wire gauze disk covering the intake chamber at one end of the valve sleeve, and a member detachably secured to said end of the valve sleeve and clamping the margin of the wire gauze disk against the adjacent end edge of the valve sleeve.

1,575,290. METHOD OF MANUFACTURING A PULP PRODUCT. ALFRED TINGLE, Ottawa, Ontario, Canada. Filed Sept. 24, 1921. Serial No. 503,044. 9 Claims. (Cl. 8—20.)

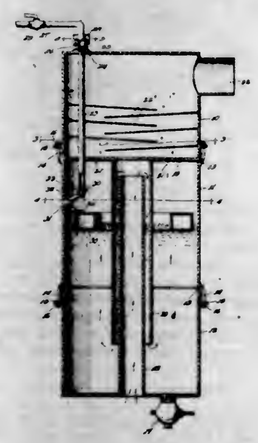
6. The herein described method of manufacturing a pulp product which comprises pressing the article to shape, then treating superficially only with sulphuric acid, then neutralizing the sulphuric acid, and then drying.

1,575,291. ADJUSTABLE CAP. ISIDOR K. TRAU, Louisville, Ky., assignor to Derby Cap Mfg. Company. Filed Aug. 12, 1925. Serial No. 49,721. 2 Claims. (Cl. 2—197.)



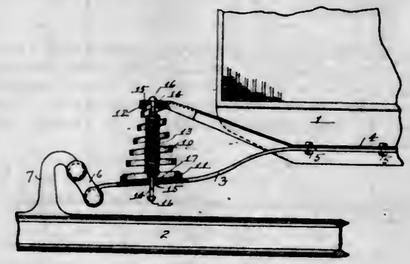
1. In a cap of the class described, a pair of sizing straps each having its rear end secured to the cap, one of said straps having a lining on its rear face secured by its edges to the strap to form a pocket behind the strap and concealed thereby, spaced sizing elements fastened to the lining, the fastening means for said elements being concealed by said strap, and size indicia carried by said lining and also concealed by the strap, a single fastening element carried on the rear face of said strap and concealed thereby, and a loop secured to the free end of the second strap, said first strap being run through the loop of the second strap front to rear thereof.

1,575,292. AIR WASHER. DANIEL C. TYLER, Oklahoma City, Okla. Filed Apr. 30, 1925. Serial No. 27,091. 2 Claims. (Cl. 183—15.)



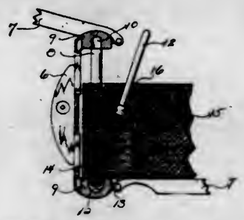
1. An air washer comprising a casing having an air outlet in its upper portion and an air inlet in its bottom, a partition dividing the casing into an upper air chamber and a lower water chamber and having openings for inter-communication between the two chambers, baffles within the air chamber, means for supplying water in regulated quantity to the water chamber, a tube depending from the said partition and closed at its upper end thereby and extending into the water chamber to within a short distance of the bottom thereof, and a tube in line with the air inlet and extending upwardly from the bottom of the casing within the depending tube and terminating a distance from said partition.

1,575,293. VEHICLE SPRING. MORTON VAN METER, Grand Rapids, Mich. Filed Dec. 23, 1922. Serial No. 608,726. 3 Claims. (Cl. 267—28.)



1. In a vehicle; an axle; a body; a lever fulcrumed at one end on the axle, its other end being supported on the body against downward movement; a body-supporting coiled spring supported by the lever; rigid means carried by the body for supporting the same by the spring; a coiled spring extending between the body and the lever and yieldingly resisting the rebound of the first-mentioned coiled spring and having an inoperative movement in a portion of the first-mentioned coiled springs operative movement.

1,575,294. LOOSE-LEAF BINDER. RICHARD M. VAN VALKENBURGH, Kansas City, Mo., assignor to Irving-Pitt Manufacturing Company, Kansas City, Mo., a Corporation. Filed June 2, 1924. Serial No. 717,424. 5 Claims. (Cl. 129—13.)

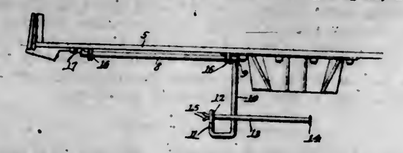


1. In combination with a loose-leaf binder having an expansible back supporting a pair of binder members, leaf holding posts carried by said members and an expansion post adapted to be positioned in sockets formed in each binder member, a plurality of sheets removably engaging said leaf holding posts each having means allowing the positioning of said expansible post in said sockets while said leaves are in the post engaging position.

1,575,295. PIN-LIFTING DEVICE. GEORGE M. WADDY, Buffalo, N. Y. Filed Aug. 27, 1925. Serial No. 52,928. 2 Claims. (Cl. 213—169.)

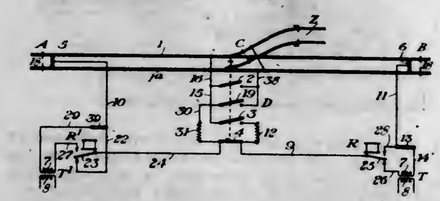
1. In combination with the vertical movable coupling pin of a car coupler, a rod having an outwardly extended end portion terminating in a rearwardly and inwardly extended portion, the extremity of the inwardly extended portion being extended upwardly and formed with an

opening, a rod having a head at one end and adapted to be positioned in an opening of the coupler pin, the opposite end of the rod being split providing fingers, and



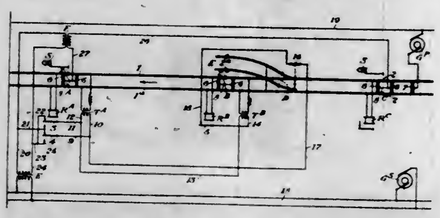
said fingers adapted to be positioned within the opening of the upwardly extended extremity of the inwardly extended portion, and spread apart to lock the rod within the opening.

1,575,296. RAILWAY-TRAFFIC CONTROLLING APPARATUS. HERBERT A. WALLACE, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Dec. 21, 1923. Serial No. 681,947. 27 Claims. (Cl. 246—34.)



23. In combination, a section of railway track, a switch in said section, and means for applying to the rails of said section a relatively high traffic controlling voltage when said switch is in the normal position and a relatively low traffic controlling voltage when the switch is in the reverse position.

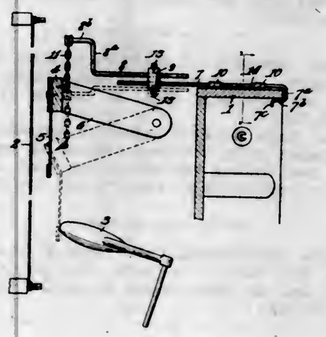
1,575,297. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. HERBERT A. WALLACE, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Mar. 1, 1924. Serial No. 696,339. 8 Claims. (Cl. 246—37.)



1. In combination, a block of railway track divided into a forward section and a rear section, a switch in said rear section, a track relay for said forward section, and means controlled by said relay and responsive to the position of said switch for at times supplying said rear section with track circuit current.

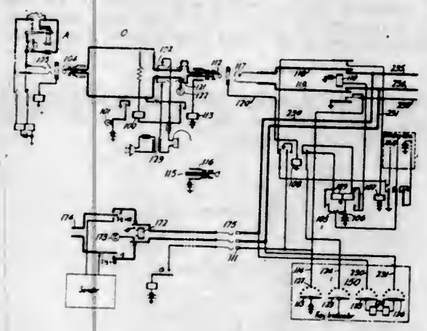
1,575,298. SHIFTING RODS FOR HARP ATTACHMENTS. ALBERT WASEMANN, Wheeling, W. Va. Filed Sept. 20, 1923. Serial No. 663,725. 4 Claims. (Cl. 84—224.)

1. The combination with a harp attachment for pianos, including a vertically shiftable felt-strip-carrying bar, of a rotary bar-supporting and shifting device comprising two complemental rod sections mounted horizontally at right angles to said bar, the inner rod section having a crank formed on its inner end, a suspension member depending from said crank and supporting said bar, and



the outer end section of said rod being mounted for rotary movement, and a coupling for the adjacent end portions of said rod sections providing for relative adjustment of the latter.

1,575,299. TELEPHONE-EXCHANGE SYSTEM. WILLIAM C. WEAVER, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 29, 1923. Serial No. 671,361. 6 Claims. (Cl. 179—27.)

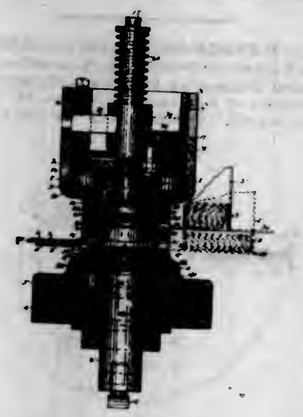


1. In a telephone system, an incoming line, an outgoing line, a source of ringing current, a relay for applying said source to said outgoing line, means controlled over the incoming line for operating said relay, means controlled over said outgoing line for discontinuing the operation of said relay to disconnect said source of ringing current, and means operative thereafter for rendering said relay responsive to said first means to apply and disconnect said source from said outgoing line at will.

1,575,300. METHOD AND APPARATUS FOR MAKING BOTTLE CLOSURES. WALLACE M. WEEKS and JOHN A. PEASE, Skaneateles, N. Y. Filed Jan. 7, 1926. Serial No. 79,814. 6 Claims. (Cl. 93—1.)

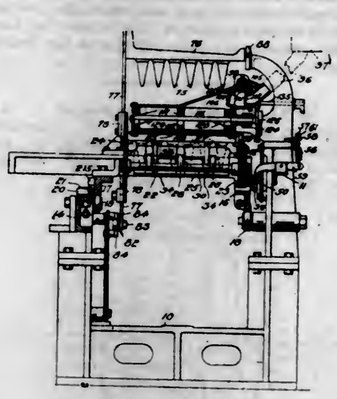
1. The method of making bottle closures which consists of imposing a substantially inflexible disc concentrically upon a larger thinner and pliable disc, then

resiliently clamping the extended annular margin of the larger disc, then depressing and cupping the larger disc to the extent of the diameter of the smaller disc while



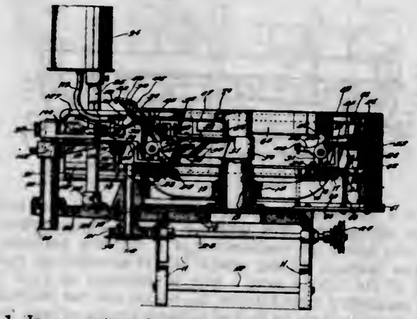
said clamping is maintained, then molding said extended margin convex, partially folding the said extended margin upon the smaller disc, and finally compressing and clinching the said fold.

1,575,301. BAKING MACHINE. JOHN LOUIS WILLIAM RACH, Baltimore, Md., assignor to Maryland Baking Company, Baltimore, Md. Filed Aug. 12, 1922. Serial No. 581,420. 23 Claims. (Cl. 107—58.)



9. In a baking macaine of the type employing a plurality of molds and a plurality of core members cooperating therewith, said molds each consisting of two similar sections movable horizontally with respect to each other, and said core sections being movable vertically with respect to its cooperating mold; characterized by the provision of a trackway for opening and closing said mold sections, a trackway for operating said core sections, said trackway having in order a section for raising said cores, a section for lowering said cores, a section for imparting a plurality of rapid reciprocations to said cores to allow for the escape of steam, and a plurality of yieldingly mounted sections for holding said core sections in said molds.

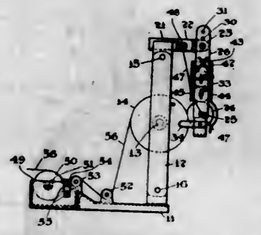
1,575,302. AUTOMATIC BAKING MACHINE. SAMUEL E. WINDER, Chicago, Ill., assignor, by mesne assignments, to Novelty Products, Inc., Chicago, Ill., a Corporation. Filed July 17, 1920. Serial No. 397,066. 16 Claims. (Cl. 107—58.)



1. In an automatic baking machine, the combination with an annular oven and a rotary carrier, of a series of mold units on said carrier, each unit comprising a radially mounted bracket, a lifter pivoted at its inner end to said bracket, cup and core mold sections rigidly mounted on the outer ends of said bracket and lifter respectively, a latch pivoted on the outer end of said lifter and arranged to engage said bracket to hold the mold closed, a rock arm pivoted at the inner end of said bracket and connected to said latch, means for rotating said carrier, a post whereon the latter is mounted, and stationary cams mounted on said post for operating the rock arm and lifter of each mold unit successively and in reverse order to open and close the molds.

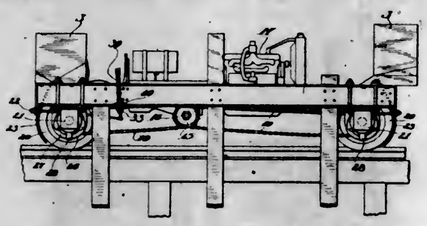
14. In an automatic baking machine, the combination of an oven, a series of cup molds and a carrier for moving the molds through said oven, each of said molds comprising a relatively fixed cup section, a relatively movable core section having a flange adapted to abut against the upper end of said cup section, and a longitudinally movable ejecting plunger extending through the bottom of said cup section and having a head fitting within the lower portion of said cup section and forming the bottom of the mold cavity, said core and cup sections having tapering walls forming the sides of the mold cavity with longitudinal flutes upon its outer wall, and said flange and cup sections being recessed to form a bead at the upper edge of the baked cup.

1,575,303. GUM-TAPE PRINTER. HYMAN C. WOLFE, Montreal, Quebec, Canada, assignor to Printape Machine Corporation, New York, N. Y., a Corporation of New York. Filed Apr. 21, 1923, Serial No. 633,662. Renewed Jan. 28, 1926. 3 Claims. (Cl. 101—213.)



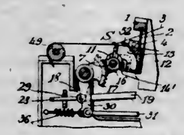
2. In a tape printing machine, the combination of a tape roll holder, a printing mechanism including a printing roller and means for engaging said roller with a roll of tape mounted in said holder, and means carried by the roll holder for adjusting the roll to center the same with respect to the printing roller.

1,575,304. MONORAIL ENGINE. THOMAS H. WRIGHT, Los Angeles, Calif. Filed Nov. 2, 1923. Serial No. 672,279. 1 Claim. (Cl. 105—102.)



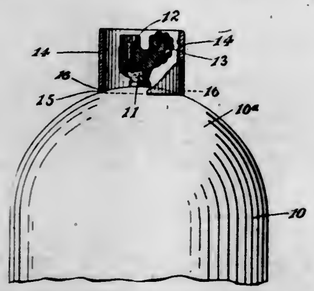
In a monorail car construction having a frame with axles at opposite ends mounted therein, central wheels on said axles, the combination of a centrally positioned engine having a driving axle, a pair of sprockets on each end of the driving axle, a pair of sprockets on each of the supporting axles between the wheels and the bearings, and sprocket chain leading in opposite directions from the sprockets on the driving axle, said chains driving the sprockets on the supporting wheels.

1,575,305. LOOM FOR WEAVING FINE FABRICS. ATTILIO ZANCHI, Seveso-San Pietro, Italy, assignor to the Firm Fratelli Schwarzenbach & Co., Seveso-San Pietro, Italy. Filed Dec. 11, 1922. Serial No. 606,151. 6 Claims. (Cl. 139—191.)



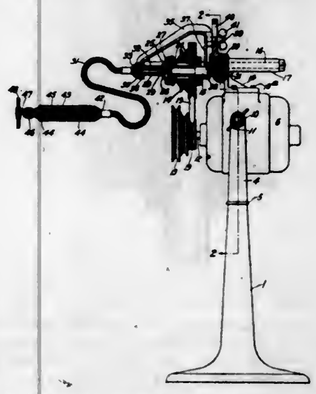
1. In a loom for weaving fine fabrics, the combination of a batten, a reed on said batten for guiding the warp threads, a comb, a rocking shaft on which the comb is mounted, a second shaft parallel to said rocking shaft and carrying the rocking shaft, means to operate the rocking shaft from the parallel shaft to move the comb into and out of the warp at a point that is at a considerable distance from the beating-up point.

1,575,306. COMPRESSED-GAS CYLINDER. DAVID AHLDIN, Chicago, Ill., assignor, by mesne assignments, to Dunham Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 15, 1924. Serial No. 755,855. 3 Claims. (Cl. 220—85.)



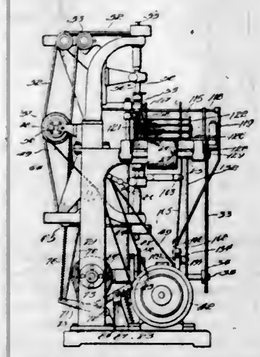
1. A metal shipping cylinder for gas under pressure, having a valve fixture including a valve and a hose connection, and a protective collar permanently secured to said cylinder encircling and spaced from said valve fixture, and having an open outer end terminating beyond the valve fixture and through which the valve may be operated and the hose connected.

1,575,307. FLEXIBLE-SHAFT BENCH GRINDER. ALWIN B. BACHMANN, Brooklyn, N. Y., assignor to Keller Mechanical Engineering Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Dec. 28, 1922. Serial No. 609,370. 6 Claims. (Cl. 51—166.)



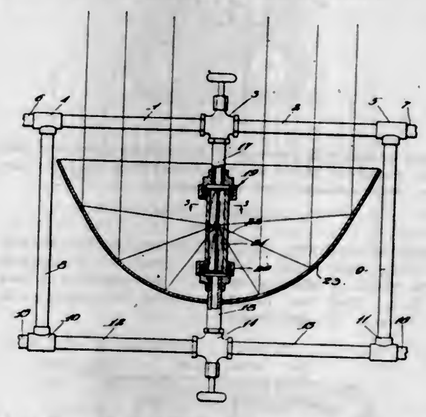
1. In a portable grinding machine, provided with a short belt drive adapted for swiveling movement with the motor, the combination with a motor provided with a shaft and pulley, of a bracket mounted upon the motor, a crank shaft rotatably mounted in said bracket and provided with a crank pin forming a jack shaft, a jack pulley rotatably mounted upon said crank pin and means for rotating said crank shaft in said bracket for varying the distance between the jack pulley and the pulley of said motor.

1,575,308. DRILLING MACHINE. HARLEY C. ALGER and RAYMOND E. ACKLEY Chicago, Ill., assignors to R. R. Donnelley & Sons Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 12, 1923. Serial No. 674,200. 11 Claims. (Cl. 77—21.)



1. In a drilling machine, the combination of a continuously moving conveyor having a substantially flat surface adapted to carry objects resting thereon, means for interrupting the motion of and holding stationary an object resting thereon while the conveyor slips beneath said object, a drill, and means for feeding said drill into said object and withdrawing said drill while said object is held stationary, said interrupting and holding means releasing the object after said drill is withdrawn so that the object is again free to move with the conveyor.

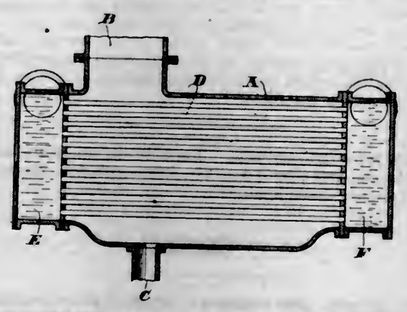
1,575,309. SOLAR HEATING ELEMENT. WILLIAM A. ANDERSON, Los Angeles, Calif. Filed Sept. 15, 1924. Serial No. 737,838. 9 Claims. (Cl. 126—271.)



6. A solar heating element in which water is held between a transparent body and a light-absorbing body so that light may pass through the transparent body and through the water to the light-absorbing body.

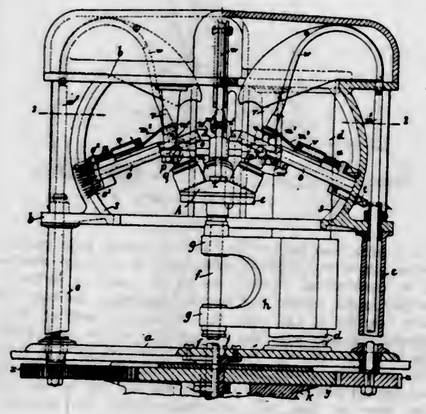
9. A solar heating element comprising lines of tubing containing heated and cold water, return connections between the lines and serving as braces, a connection for an upflow of fluid between the lines including a transparent glass tube, a light absorbing element in the tube and valves for cutting the upflow connection out of the circulation, the water to be heated being in contact with the inside of the transparent tube.

1,575,310. SURFACE CONDENSER. PAUL A. BANCEL, Nutley, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Original application filed Oct. 15, 1924, Serial No. 743,695. Divided and this application filed June 30, 1925. Serial No. 40,513. 2 Claims. (Cl. 257—43.)



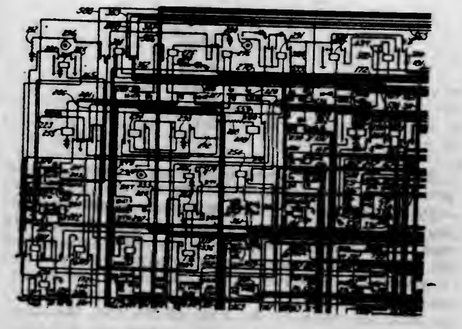
1. A condenser having tubes with different temperatures along their length resulting in unequal capacities for condensing steam in vertical sections along their length, and an inlet for steam relatively remote from the warmer sections to obtain substantially equal depth of steam penetration in all sections along the length of the condenser.

1,575,311. MACHINE FOR GRINDING LENSES. MALCOLM BENTZON, Neuilly-sur-Seine, France. Filed July 5, 1921. Serial No. 482,438. 1 Claim. (Cl. 51—131.)



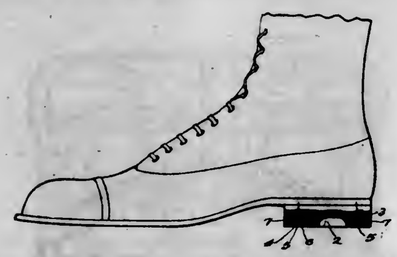
A lens grinding machine of the kind hereinbefore referred to, comprising a lens holder, a plurality of grinding discs designed to act upon one only of the two lens surfaces, means whereby each grinding disc can be presented to the lens at the angle required to grind or polish convex or concave surfaces thereon and a stop to contact with the centre of the lens to determine the grinding position therefor.

1,575,312. AUTOMATIC TESTING SYSTEM FOR AUTOMATIC TELEPHONE SWITCHES. ARNOLD S. BERTELS, Tenafly, N. J., and EDWIN F. TRAPP, Valley Stream, N. Y., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 8, 1923. Serial No. 679,312. 22 Claims. (Cl. 179—175.)



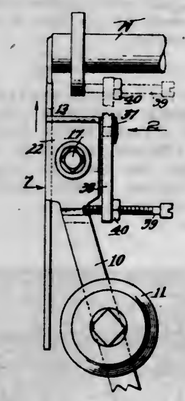
1. In a telephone exchange system, a testing device for testing switches, said switches to be tested having different characteristics and being grouped according to their respective characteristics, means for connecting said testing device with any group of said switches, and means for determining the character of the switches of said group.

1,575,313. RUBBER HEEL. EDWARD G. BLOSSE, Los Angeles, Calif. Filed May 7, 1923. Serial No. 637,271. 1 Claim. (Cl. 36—35.)



A rubber heel having two lateral halves with parallel faces, oppositely inclined with the top surfaces meeting at a longitudinal center line at an angle, a U-shaped flexible fabric reinforcing member following the side and back contour of the heel, the reinforcing member being inserted parallel with the flat surfaces of the heel, washers imbedded in the heel adjacent the reinforcing member, securing means passing through the washers and reinforcing member, and a single vacuum cup on the bottom face of the heel situated within the U-shaped reinforcing member.

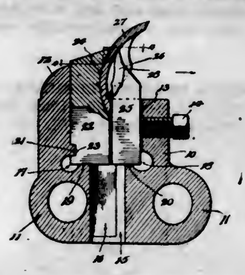
1,575,314. TOOL HOLDER. AURIL BOUSQUET, Southbridge, Mass. Filed Sept. 19, 1924. Serial No. 738,722. 4 Claims. (Cl. 29—99.)



3. In a cutting off tool, the combination with a pair of jaws having opposite grooves along one edge for receiving a cutting off blade, the tool having a shank for holding it in a tool post, and a pivot stud on the opposite side of one jaw, of a longitudinally slotted plate pivoted on the stud and located parallel with the blade so as to be adjustable longitudinally, and a gauge screw mounted on the slotted plate, whereby the plate can be moved to bring the screw to the front of the tool, the screw being adjustable to bring it into contact with a surface parallel with the blade to act as a gauge.

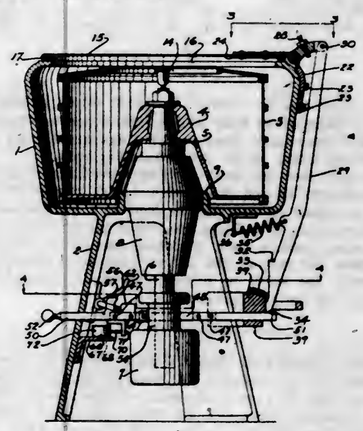
1,575,315. MINING-MACHINE CHAIN LINK AND BIT. NEWTON K. BOWMAN, Bowdil, Ohio. Filed Jan. 21, 1922. Serial No. 530,917. 8 Claims. (Cl. 262—33.)

1. In a mining machine, a chain link including a body having a recess opening through one end thereof and provided with an opening extending from said recess through the opposite end of the link body, the link body



being formed with recesses at the bottom corners of said first mentioned recess to define shoulders lying between the latter recesses and said opening.

1,575,316. SAFETY GUARD FOR CENTRIFUGAL EXTRACTORS. TANDY A. BRYSON, Troy, N. Y., assignor to Tolhurst Machine Works, a Corporation of New York. Filed Feb. 18, 1921. Serial No. 446,017. 23 Claims. (Cl. 192—136.)



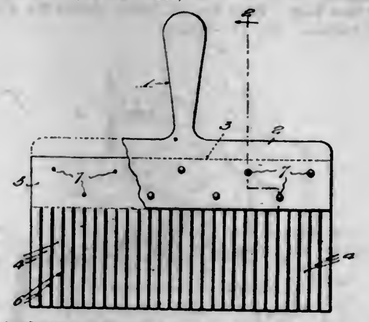
17. In combination in a centrifugal extractor, a basket, a shaft for the basket, a guard for the basket, means including a locking bar, for locking the guard in closed position, and means carried by the basket shaft, operating independently of the shaft speed for positively moving the locking bar to locking position as soon as the basket starts rotating.

1,575,317. TOOTHPICK. JOHN P. CARMICHAEL, Milwaukee, Wis. Filed Jan. 11, 1922. Serial No. 528,506. 6 Claims. (Cl. 132—93.)



1. A tooth pick composed of parallel fibers having a thin, flat, flexible end portion tapering on all sides toward a point, said fibers being held together by a cellulose binder, which with the fibers has sufficient flexibility to follow the surfaces of the tooth root and to be guided by the gums into crevices between teeth without breaking, said tooth pick having its shank portion reenforced by more rigid material.

1,575,318. FLEXIBLE TROWEL. EDGAR S. COWAN, Harvey, Ill. Filed May 18, 1925. Serial No. 31,146. 3 Claims. (Cl. 72—136.)



1. A plastering trowel comprising a handle, and a plurality of flat closely spaced spring fingers projecting therefrom in a common plane, any one or group of said fingers being adapted to yield independently of the others when passing over rough portions of the wall being plastered.

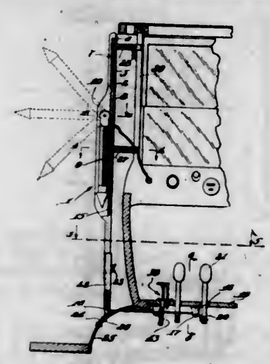
1,575,319. MILK-BOTTLE OPENER AND CAP. RYK CROUWER, Pasadena, Calif. Filed Apr. 30, 1925. Serial No. 26,892. 1 Claim. (Cl. 215—55.)



An opener and cap for milk bottles comprising a cap having a depending flange receivable over the rim of a milk bottle, and a single pointed member secured to the cap and extending downwardly therefrom in an inclined position, said pointed member being arranged in a plane tangential to a circle within the cap having a center coaxial with the center of the cap, said pointed member having its pointed end terminating approximately at the point of tangency between said plane and circle and having its outer side sharpened to provide a sharpened side edge as and for the purpose described.

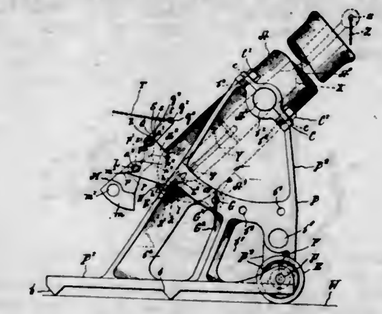
1,575,320. TRAFFIC SIGNAL FOR MOTOR VEHICLES. BEN E. DAVIS, Los Angeles, Calif. Filed Feb. 26, 1924. Serial No. 695,801. 1 Claim. (Cl. 116—34.)

A vehicle signal comprising an open sided housing, a rack slidable in said housing, a coil spring disposed within said housing having one end secured to the housing and the other end secured to the upper end of the rack, a gear pivoted in the housing and meshing with said rack, a semaphore arm rigid with said gear, and means for moving said rack against the action of said spring



whereby the semaphore arm may be swung outwardly and upwardly through the open side of the housing into either of a plurality of signaling positions.

1,575,321. LINE-THROWING GUN. GREGORY C. DAVISON and CECIL P. CAULKINS, New London, Conn., assignors, by mesne assignments, to American Ordnance Corporation, New York, N. Y., a Corporation of Delaware. Filed May 14, 1919, Serial No. 297,129. Renewed June 2, 1924. 5 Claims. (Cl. 89—1.)

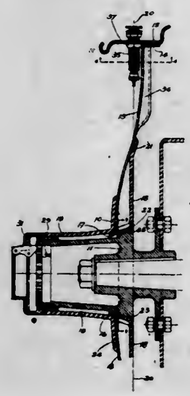


2. A line throwing gun comprising a gun body having a smooth bore, with a concave chamber at the rear end thereof, too narrow to permit the entrance thereinto of the base of the cartridge case, a firing pin having its firing point normally projecting part of the way into said concave chamber and having its base projecting rearwardly through the walls of the piece, a retraction spring normally pressing said firing pin backwards, a spring impressed hammer pivoted to the gun body and adapted to strike said firing pin and throw it forward against the action of said retraction spring, the said hammer being provided with a short cocking arm, a spring impressed sear having a toe engaging said cocking arm, and a lever arm for tripping same, substantially as described.

1,575,322. WHEEL. WALTER W. DAVISON, Buffalo, N. Y., assignor to Wire Wheel Corporation of America, Buffalo, N. Y., a Corporation of New York. Filed July 5, 1922. Serial No. 572,765. 8 Claims. (Cl. 301—63.)

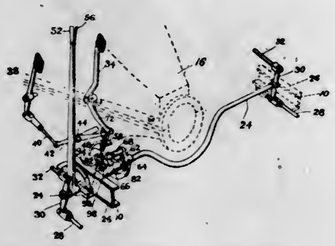
8. The combination with an inner hub having a flange at its inner end, a disk wheel bearing upon said flange,

and including a disk element and a sleeve attached thereto, a hub cap carried by said hub and bearing against the end of said sleeve, said sleeve and hub cap



enclosing said inner hub, the sleeve to be attached to the disk element being selected with regard to the length of the inner hub.

1,575,323. VEHICLE BRAKE-CONTROLLING MEANS. JOHN B. DES ROSIERS, Providence, R. I. Filed June 24, 1925. Serial No. 39,297. 30 Claims. (Cl. 74—39.)

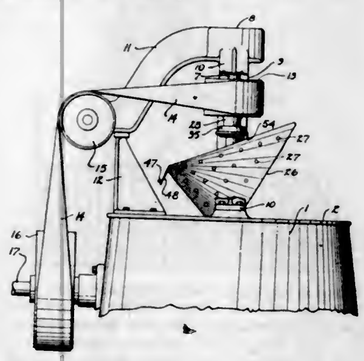


1. In a motor vehicle, the combination of a braking means, a clutch for connecting the power to the driving wheels, a braking means independent of said first braking means, means for operating said first braking means and disengaging the clutch simultaneously independently of said other braking means and means for operating both braking means simultaneously independently of the clutch.

1,575,324. PROCESS OF DYEING. WALTER DUISBERG and WINFRIED HENTRICH, Wiesdorf-on-the-Rhine, Germany, assignors to The Grasselli Dyestuff Corporation, New York, N. Y. Filed Nov. 26, 1924. Serial No. 752,457. 6 Claims. (Cl. 8—5.)

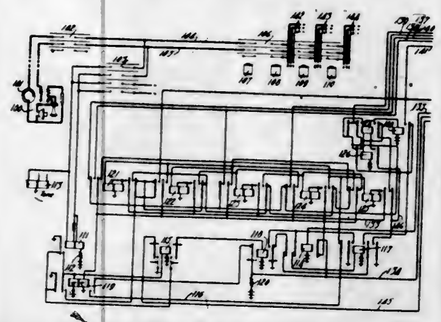
1. The process of dyeing organo-oxy-cellulose compounds which comprises applying thereto dyestuffs of the type R—N=N—R' in which R—N=N— stands for the diazo derivative of an acid substituted aromatic nitro compound and R' stands for an aromatic amine.

1,575,325. AUTOMATIC GUARD FOR CENTRIFUGAL EXTRACTORS. HUMPHREY EVANS, Milwaukee, Wis., assignor to Tolhurst Machine Works, a Corporation of New York. Filed Jan. 21, 1921. Serial No. 438,891. 26 Claims. (Cl. 74—105.)



1. In combination in a centrifugal machine, the basket and its shaft, a basket guard and a closing device therefor comprising a guard-moving member mounted on the shaft, and adapted to engage and close said guard.

1,575,326. REGISTERING MECHANISM. OWEN C. FROM, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 18, 1923. Serial No. 669,252. 9 Claims. (Cl. 179—18.)

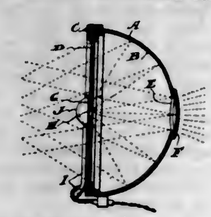


1. In a switching system, a plurality of switching devices coordinately arranged in rows, a plurality of selecting bars individual respectively to rows of devices in one coordinate direction, a plurality of operating bars individual respectively to rows of devices in the other coordinate direction, means for selectively operating said selecting bars, and means for operating one or more of the devices in a row associated with an operating bar through the conjoint operation of one or more of said selecting bars and one of said operating bars.

1,575,327. HEADLIGHT. FRANCIS SYDNEY GARFORD and JOHN WESLEY CAUDWELL, Lougheed, Alberta, Canada. Filed May 2, 1924. Serial No. 710,512. 1 Claim. (Cl. 240—41.)

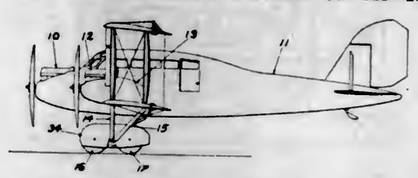
In combination a metal reflector centrally provided at its inner end with an opening; a transparent closure member at the forward end of said reflector provided centrally with an opening therethrough; an electric lamp

located in front of said last-mentioned central opening; a bracket for said lamp extending transversely of the mouth of said reflector, an inverted reflector supported



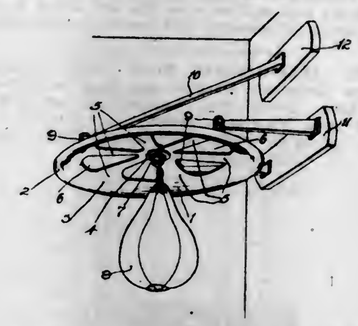
by said bracket and in front of said electric lamp, and a translucent member associated with the opening in the back of said metal reflector.

1,575,328. AEROPLANE LANDING GEAR. WILLIAM L. GILMORE, Garden City, and HARVEY C. MUMMERT, Hollis, N. Y., assignors, by mesne assignments, to Curtiss Aeroplane and Motor Company, Inc., Garden City, N. Y., a Corporation of New York. Filed Mar. 26, 1920. Serial No. 368,816. 8 Claims. (Cl. 244—2.)



1. In a landing gear for aircraft, a rigid rocker frame comprising connected side sections, a support for and about which the rocker frame is adapted to yield bodily as well as pivot, and wheels mounted in tandem between the side sections of said frame.

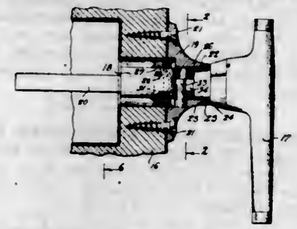
1,575,329. STRIKING-BAG PLATFORM. MORRIS GOLOMB, New York, N. Y. Filed Nov. 11, 1924. Serial No. 749,274. 3 Claims. (Cl. 272—78.)



1. A striking bag platform, comprising a structurally integral casting having a substantially flat central portion, and an edge curving downwardly and outwardly therefrom with a rounded margin.

1,575,330. ADJUSTABLE ESCUTCHEON. JOSEPH GOODMAN, Whitneyville, Conn., assignor to The Mt. Carmel Manufacturing Company, Mount Carmel, Conn., a Corporation of Connecticut. Filed May 25, 1925. Serial No. 32,605. 14 Claims. (Cl. 70—16.)

2. In a device of the character described, an escutcheon adapted to be secured to a door and having an outwardly extending flange provided with a convex outer surface, a handle having a spindle extending through said escutcheon, spaced abutments on the spindle one of which engages said convex surface, and means between



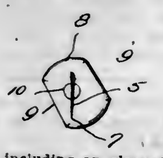
the other abutment and the escutcheon having pivotal connection with the escutcheon in one plane and also pivotal connection with the abutment in another plane at an angle to the plane of the first pivot.

1,575,331. MAGAZINE PENCIL. IRVING GREENE, New York, N. Y. Filed July 24, 1923. Serial No. 653,449. 14 Claims. (Cl. 120—18.)



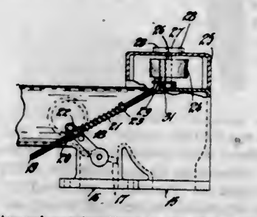
1. In a magazine lead pencil or the like, a magazine member having lead-receiving channels on the inner face thereof and a spring-retaining channel or channels on the outer face thereof, a barrel containing said magazine member and formed with a plurality of spring-engaging grooves on the inner face thereof, and one or more springs held in said spring-retaining channel or channels and engaging one or more of said spring-retaining grooves.

1,575,332. PARING KNIFE. FAY E. HALL, Morris, Minn. Filed Jan. 25, 1924. Serial No. 688,456. 2 Claims. (Cl. 30—9.)



2. A paring knife including an elongated substantially flat blade, and a handle attached to one end of the blade and provided with a pair of parallel plain flat sides which lie at an acute angle to the plane of the blade so as to be positioned to prevent cramp in the hand of the user while using the device.

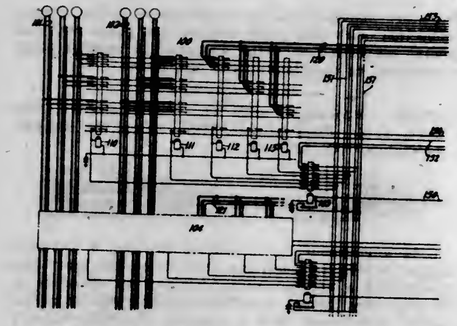
1,575,333. INTERNAL-COMBUSTION ENGINE RELATING TO THE CARBURATION OF HYDROCARBON-LIQUID FUEL. GEORGE HAMILTON-GRAPES, Melbourne, Victoria, Australia. Filed Aug. 20, 1923. Serial No. 658,455. 2 Claims. (Cl. 123—122.)



1. In an internal combustion engine, an exhaust manifold having an enlarged portion at its discharge end adjacent one of the engine exhaust ports and having an

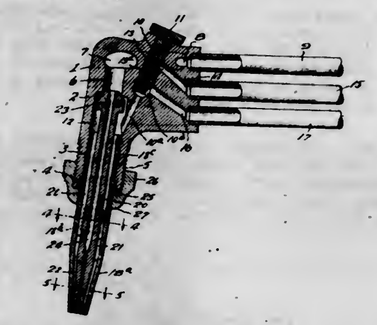
outlet in said enlarged portion, a conductor for conducting carburetted mixture between a carbureter and an engine in-take manifold, a retort having a single opening detachably connected to and extending into said enlarged portion, said retort having substantially lateral communication with said conductor, and said conductor having an internal, substantially transverse groove entering the mouth of said retort, and a by-pass valve for said manifold.

1,575,334. TELEPHONE SYSTEM. ROBERT W. HARPER, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 24, 1923. Serial No. 682,416. 7 Claims. (Cl. 179—27.)



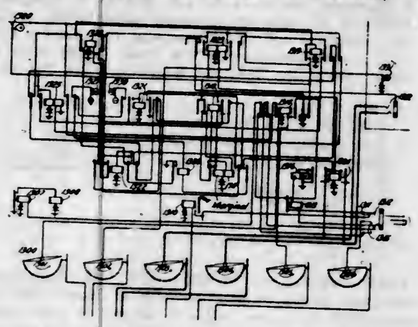
1. The combination in a telephone system of a number of telephone lines, connecting relays and link circuits for interconnecting said lines, a set of counting relays for each link circuit and responsive to a series of impulses sent over one of said lines, a second set of counting relays for each link circuit and responsive to a second series of impulses sent over such line, means for switching in the second set of counting relays at the end of the first series of impulses, and circuits selectively closed through contacts of said counting relays to interconnect a calling line with a called line.

1,575,335. BLOWPIPE. JOHN HARRIS, Cleveland, Ohio. Filed Feb. 1, 1923. Serial No. 616,285. 3 Claims. (Cl. 158—27.4.)



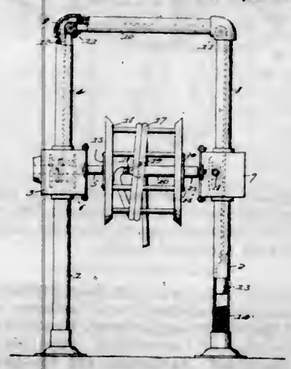
1. In a blowpipe, the combination of a head having a passage for cutting oxygen and provided with an annular seat below such passage and a chamber below such seat, the lower end of the chamber being threaded and the lower end of the head surrounding such chamber being also threaded, a tip comprising an inner and an outer member, the outer member having a downwardly tapering bore at its lower end extending to the delivery end of the tip and the inner member having a downwardly tapering lower end fitting such tapered bore of the outer member, there being one or more passages for preheating mixture provided between such members and extending downwardly from the top of the outer member to the lower end of the tip, the inner member extending beyond and above the outer member and having a central passage for cutting oxygen and provided with a head having a tapered end adapted to engage the inner edge of said seat, the outer tip member being threaded into the lower end of said chamber, a gland nut threaded onto the lower end of the head and having an inwardly directed shoulder surrounding the outer tip member, and a packing ring on said shoulder engaging the joint between the outer tip member and the lower end of the head.

1,575,336. TELEPHONE-EXCHANGE SYSTEM. ISRAEL H. HENRY, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 16, 1924. Serial No. 743,920. 12 Claims. (Cl. 179—6.3.)



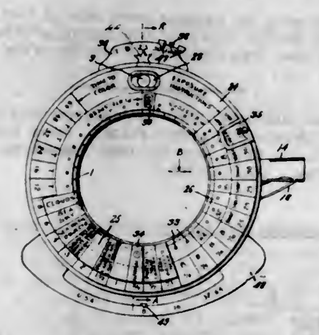
1. In a telephone exchange system, a calling line, a service charging device on said calling line, means for extending said calling line, a plurality of control devices, means to cause all idle control devices to hunt for said extended calling line, means for arresting all of said control devices when one of said control devices is connected with said extended line and means in said control device for operating said service charging device.

1,575,337. SELF-WINDING HOSE REEL. WILLIAM JOSEPH HEPWORTH, Houston, and WILLIAM SHERMAN HORNBECK, Alvord, Tex., assignors of one-third to Willie Mack Singleton, Haslet, Tex. Filed Jan. 7, 1925. Serial No. 1,098. 6 Claims. (Cl. 299—78.)



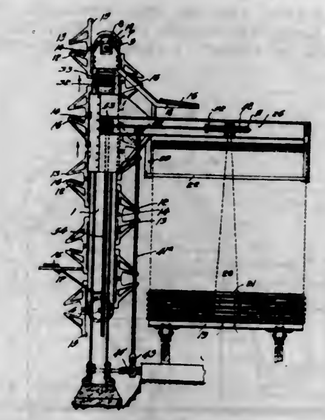
1. An apparatus of the kind set forth comprising a pair of supporting columns, a housing carried by each column, a tubular connection between the columns, a shaft journaled in one of the housings, a drum carried by the shaft and enclosed within the housing, a reel carried by the shaft exterior to the housing, a hose carried by the reel, an air supply duct in the other housing, connections between said duct and the hose, a weight carried in one of the columns, and a flexible connection between the weight and the drum whereby the gravity of the weight may effect the rotation of the drum for the useful purpose specified.

1,575,338. PHOTOGRAPHIC EXPOSURE METER. JOHN R. HEWETT, Schenectady, N. Y. Filed May 9, 1922. Serial No. 559,623. 29 Claims. (Cl. 95—10.)



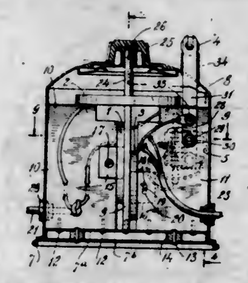
1. An exposure meter having cooperating "time to color," "subject," "stop" and "exposure" scales, characterized by a correlating mechanism for said scales such that, for a given plate speed, correct exposure instructions may be obtained for any given subject and light value by a single operation of said mechanism.

1,575,339. LUMBER PILER. FREDERICK W. HORSTKOTTE, Spokane, Wash. Filed Nov. 18, 1924. Serial No. 750,690. 14 Claims. (Cl. 214—6.)



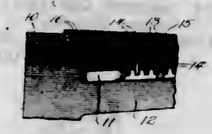
1. The combination with discharging skids, of a main frame, a vertically movable stacking frame supported on the main frame adjacent to said skids, normally spaced guides on said stacking frame, and means for moving said guides toward the center of the stack as the height of the latter increases.

1,575,340. WIRED RADIO-RECEIVING APPARATUS. CLINTON W. HOUGH, Boonville, N. Y., assignor to Wired Radio, Inc., New York, N. Y., a Corporation of Delaware. Filed Feb. 25, 1924. Serial No. 694,817. 7 Claims. (Cl. 250—14.)



1. In high frequency signal receiving apparatus, a receptacle comprising a base and a cover therefor, a variable electrical device mounted within said receptacle, a rotatable shaft for said device extending to the exterior of said receptacle, a knob and dial secured to said shaft, said dial being undercut at its lower face and said cover having an annular depression in the top thereof terminating in an annular bead extending upwardly to a position within the undercut face of said dial for obstructing a straight line passage between said dial and cover, said knob and dial being operable to prevent the removal of said cover from said base, said receptacle completely enclosing said device so that it is inaccessible from the exterior of the receptacle.

1,575,341. ELECTRICAL TRANSFORMER. AUSTIN A. HOWARD, Chicago, Ill. Filed Mar. 7, 1925. Serial No. 13,773. 3 Claims. (Cl. 175—359.)



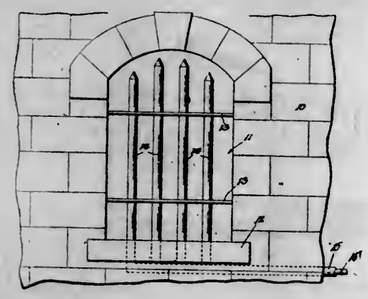
1. A device of the character described comprising; a cylindrical support having a spiral groove in its outer surface, said support also being provided with cut away portions, said cut away portions interrupting said spiral groove; a wire laid in the bottom of said groove and spanning said cut away portions, the depth of said groove being greater than the diameter of the wire laid therein; a sheet of material wound on said support and lying over said groove; and another wire wound on the outer surface of said sheet material.

1,575,342. ELECTRICAL TRANSFORMER. AUSTIN A. HOWARD, Chicago, Ill. Filed July 9, 1925. Serial No. 42,411. 4 Claims. (Cl. 175—359.)



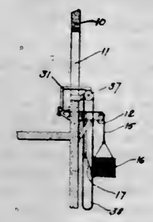
1. A device of the character described comprising a cylindrical support having a spiral groove in its outer surface, a wire laid in the bottom of said groove, the depth of said groove being greater than the diameter of the wire laid therein, a sheet of material on said support lying over said groove, and another wire wound on the outer surface of said sheet of material.

1,575,343. GRATING FOR PRISON WINDOWS, CELLS, OR THE LIKE. ANDREW P. KELLER and JOHN V. SCHLERETH, Jr., Tiffin, Ohio. Filed Jan. 23, 1922. Serial No. 531,251. 2 Claims. (Cl. 177—314.)



1. In a grating for window openings, the combination with a wall provided with a window opening having a sill, of vertically spaced transverse rods extending from side to side of said opening and permanently secured at their ends to said wall, hollow vertical bars sustained by said rods in fixed position within the opening and extending at their lower ends through said sill, a conduit embedded in said wall beneath the sill and having the bars connected thereto with their lower ends communicating with the interior of the conduit, a conductor extending longitudinally through said conduit and having branch conductors extending upwardly into said bars, and means normally insulating said conductor and its branches with respect to the conduit and said bars.

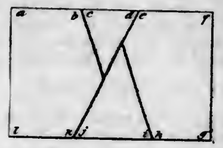
1,575,344. FIRE SAFETY DEVICE. PETER KLEIN, Elizabeth, N. J., assignor of one-half to Emma von der Hüllz, New York, N. Y. Filed Apr. 30, 1924. Serial No. 709,952. 3 Claims. (Cl. 254—151.)



1. In a device of the class described, a basket, a cable supporting said basket, a drum having said cable secured thereto, brackets adapted to support said drum within a building, a clutch mounted on one end of said drum, a motor adapted to rotate said drum, a clutch actuating arm engaging said clutch at one end and extending to a position exterior of the wall of the building, and means for moving said clutch arm longitudinally to operate said clutch.

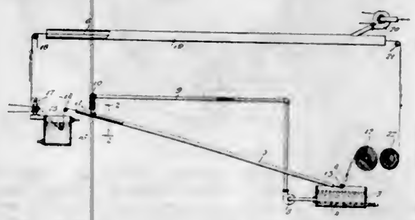
1,575,345. SEWED SKIN. HYMAN KLEINMAN, Louisville, Ky. Filed Sept. 15, 1924. Serial No. 737,849. 6 Claims. (Cl. 149—28.)

1. A process of cutting and sewing a skin comprising trimming the same to form a body portion having outwardly flaring head and tail portions projecting therefrom, dividing the body portion by a diagonal cut extending from one edge of one flaring portion to the oppositely disposed edge of the other flaring portion, displacing the severed parts along the line of separation to bring the outer edge of one of said flaring portions into



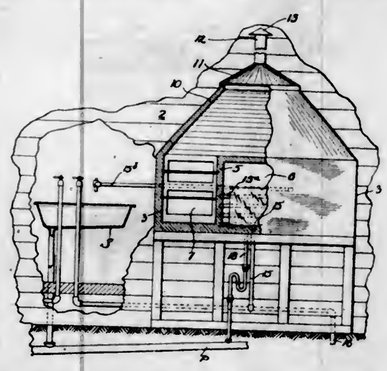
alignment with the adjacent outer edge of that part of the body portion to which said flaring portion is not attached, and sewing said parts together when in such position.

1,575,346. METHOD AND APPARATUS FOR TREATING CINEMATOGRAPHIC FILMS. PETER LOHN, Fort Lee, N. J. Filed Aug. 31, 1925. Serial No. 53,761. 9 Claims. (Cl. 15—100.)



1. An apparatus for the removal of the sensitized emulsion from cinematographic films including a sluiceway, means for feeding a removing agent to said sluiceway, and means for moving a film along said sluiceway in an opposite direction to the flow of the removing agent therein.

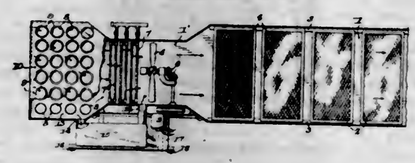
1,575,347. WATER COOLER AND REFRIGERATOR. JOHN W. LUCAS, Los Angeles, Calif. Filed Jan. 19, 1923. Serial No. 613,657. 3 Claims. (Cl. 62—38.)



1. A built-in refrigerator structure including a housing having within the same an ice chamber provided with means for access and being closed at the top, bottom, sides and front so as to form a substantially air tight ice chamber, food spaces at the sides of the enclosed

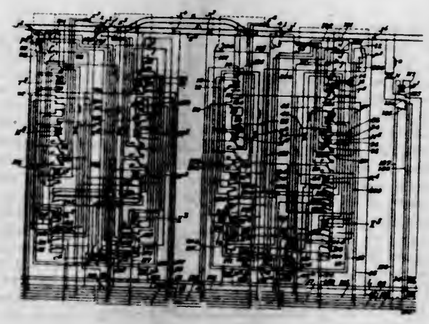
ice chamber in the housing and being provided with access doors, the upper part of the housing forming a ventilating space above the top of the ice chamber, the said ventilating space being in communication with the said food spaces.

1,575,348. METHOD OF DRYING GELATIN. HARRY W. LUSCHER, Carrollville, Wis., assignor to United States Glue Company, a Corporation of Wisconsin. Filed Mar. 30, 1922. Serial No. 548,074. 2 Claims. (Cl. 99—5.)



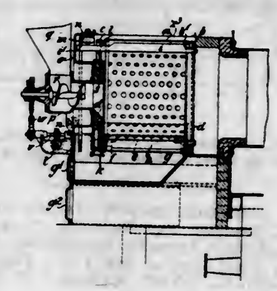
2. The method of drying substantially sterile gelatin and preventing its contamination during drying, which consists in placing the gelatin in a drying compartment, filtering the drying air to remove excess foreign matter, heating a part of this drying air and passing another part of the drying air through an ozonizer, mixing the heated air with the ozonized air and subjecting the gelatin to the drying action of this mixture of heated ozonised air while in said compartment.

1,575,349. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. RONALD A. MCCANN, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Feb. 15, 1923. Serial No. 619,248. 14 Claims. (Cl. 246—33.)



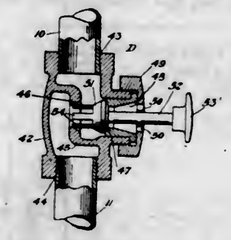
1. In combination, a section of railway track, a track circuit for said section including a secondary of a transformer connected across the rails adjacent the middle of the section, two track relays connected with the rails adjacent the two ends of the section, a source of energy for the primary of said transformer, and means controlled by each of said track relays when affected by a train entering the associated end of the section for immediately disconnecting said source from the primary of said transformer.

1,575,350. METHOD OF BURNING FUEL AND APPARATUS THEREFOR. SAMUEL MCEWEN, London, England, assignor to International Combustion Engineering Corporation, New York, N. Y., a Corporation of Delaware. Filed Apr. 9, 1923. Serial No. 630,970. 12 Claims. (Cl. 110—35.)



1. A method of burning fuel in a rotating grate having the shape of a figure of revolution, which comprises the step of both distributing the fuel in the form of a layer over the inner surface of the grate and retaining it against this surface, by centrifugal force due to the speed of revolution of the grate.

1,575,351. ATMOSPHERIC VALVE. GEORGE W. MACKENZIE and WILLIAM C. MACMILLEN, Beaver, Pa., assignors to Guarantee Liquid Measure Company, Rochester, Pa., a Corporation of Delaware. Filed June 24, 1921. Serial No. 480,142. 3 Claims. (Cl. 251—22.)

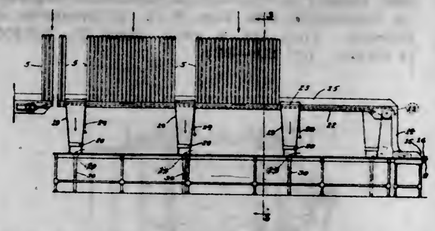


2. A self-closing valve for exhaust lines comprising a casing having alined inlet and exhaust passages at the opposite ends thereof, a partition in the casing having a port therein, an air inlet port opposite the port in said partition, a valve member in the casing between the two ports and adapted to seat on the part surrounding either port, and a valve stem slidably carried by guiding means on which said valve member is carried.

1,575,352. DISTRIBUTING APPARATUS FOR DISPATCH SYSTEMS. JAMES G. MACLAREN, Mamaroneck, N. Y., assignor, by mesne assignments, to The Lamson Company, a Corporation of Massachusetts. Filed Dec. 12, 1921. Serial No. 521,769. 21 Claims. (Cl. 243—16.)

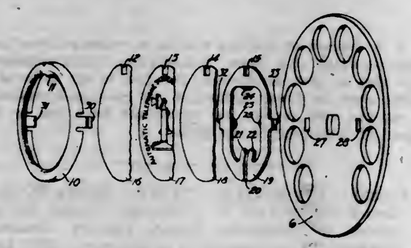
13. In carrier distributing apparatus, a plurality of incoming delivery tubes, a carrier receiving conveyor

belt arranged to receive carriers from the tubes, an operators' table, operators' stations located along each side



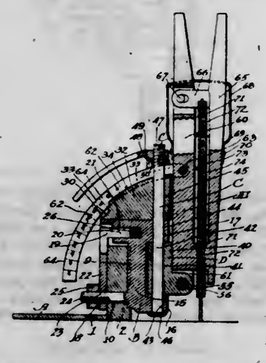
of the table, and means for delivering carriers from the belt to one or more stations at each side of the table.

1,575,353. CARD HOLDER FOR CALLING DIALS. ARTHUR C. MAGRATH, New Dorp, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 13, 1924. Serial No. 719,707. 4 Claims. (Cl. 40—10.5.)



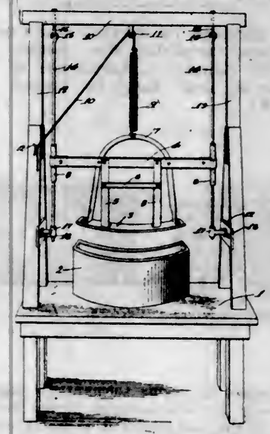
1. The combination with a card holder, of a mounting plate, an instruction card mounted in said holder, and an adjustable member for securing said card in said holder and said holder on said mounting plate.

1,575,354. PORTABLE MITER BOX. MORRIS A. MARTIN, Los Angeles, Calif. Filed Oct. 13, 1924. Serial No. 743,372. 5 Claims. (Cl. 143—88.)



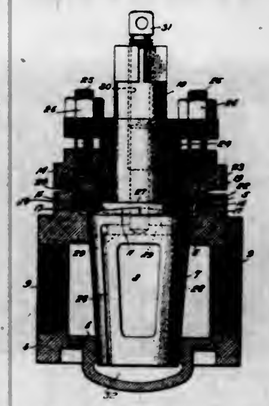
1. A miter box having in combination a base, a vertical semi-circular block attached by a bolt thereto, a mitering guide attached to said block to turn therein, a saw support pivoting on a vertical axis held by the mitering guide, a saw clamp swiveling on a horizontal axis held by the saw support, and a single means for clamping both the saw support and the saw clamp in mitering or beveling position.

1,575,355. TAMPER. JOHN A. MAYBERRY, Bell, Calif., assignor of one-fifth to Thomas A. Mayberry, James T. Mayberry, George O. Heffner, and W. B. Alderson, all of Huntington Park, Calif. Filed June 21, 1923. Serial No. 646,786. 5 Claims. (Cl. 25—41.)



1. A hand tamper comprising guide means, a supporting member movable upon said guide means, a tamping member carried by said supporting member, spring means for returning said tamping member to a predetermined position, and means for adjusting said spring means.

1,575,356. VALVE. LOUIS D. MILLS, Redwood City, and SVEN JOHAN NORDSTROM, San Francisco, Calif., assignors to Merco Nordstrom Valve Company, San Francisco, Calif., a Corporation of Delaware. Filed Jan. 30, 1923. Serial No. 615,964. 8 Claims. (Cl. 251—93.)



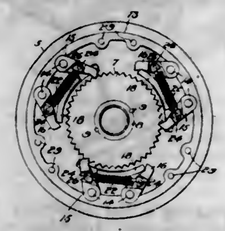
1. A valve comprising a casing having a passageway therethrough, a plug seated in the casing and having a hole adapted to register with the passageway, resiliently supported cam means cooperating with cam means on the plug to force the latter against its seat when the valve is closed, resilient means for pressing the plug against its seat when the valve is open, and means for raising the plug from its seat against the resilient means when the valve is open and against the resiliently supported cam means when the valve is closed so that the bearing surface of the valve may be lubricated.

1,575,357. BIAS BINDING TAPE. ALAGE L. MILNER, Tolbert, Tex. Filed Feb. 21, 1923. Serial No. 620,408. 1 Claim. (Cl. 2—274.)



The method of binding goods which consists in folding one marginal edge portion only of a strip and causing it to lie against a side of the strip, then placing the strip against a side of the goods with the marginal fold facing outwardly and with the raw edge registering with the edge of the goods, then securing the strip to the goods by a line of stitching parallel with and spaced from the registering edges of the strip and goods, then folding the strip over the adjacent edges of the goods and strip to bring the marginal fold of the strip against the opposite side of the goods and finally stitching the marginal fold to the goods adjacent the fold containing the first line of stitching.

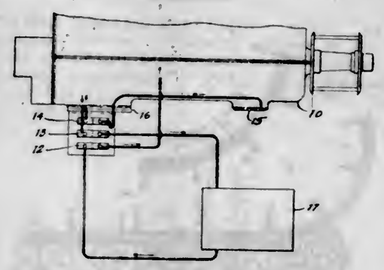
1,575,358. DRIVE UNIT FOR STOKERS. ROY A. MUNSON, Freeport, Ill. Filed Apr. 19, 1924. Serial No. 707,635. 5 Claims. (Cl. 192—48.)



1. A drive unit for stokers involving a ratchet wheel, means for alternately rotating said ratchet wheel in opposite directions, revolubly mounted means adapted to rotate both forwardly and in reverse direction, at least one pair of pivoted pawls whereby said last named means may be caused to rotate either forwardly or in reverse direction, the pawls of said pair being yieldingly attached to each other through the intervention of compression spring means tending when compressed to pull the pawls toward each other, one of said pawls being adapted to cooperate with said ratchet wheel to drive said revolubly mounted means in one direction and the other of said pawls being adapted to cooperate with said ratchet wheel to drive the said revolubly mounted means in the reverse direction, and means for permitting either pawl of said pair to engage and cooperate with said ratchet wheel while the other pawl is disengaged from said ratchet wheel.

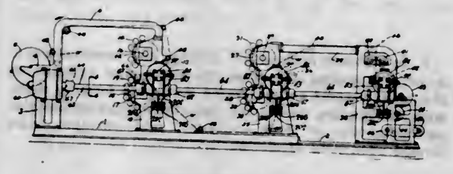
1,575,359. LUBRICATION SYSTEM FOR AERONAUTICAL MOTORS. ARTHUR NUTT, Buffalo, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc., a Corporation of New York. Filed Feb. 18, 1924. Serial No. 693,473. 4 Claims. (Cl. 184—6.)

1. A lubrication system for traveling motors including a drainage reservoir, an oil duct having its inlet end within said reservoir and its outlet end likewise within said reservoir but at a point remote from said inlet end, a scavenging oil pump operable to withdraw oil from said drainage reservoir at the inlet end of said oil duct and to deliver it again to said reservoir at the outlet end thereof, a supply reservoir, a second scavenging oil pump operable to withdraw oil from said drainage



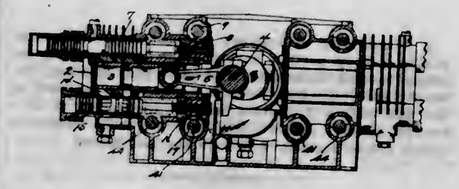
reservoir and to deliver it to said supply reservoir, and a delivery pump operable to withdraw oil from said supply reservoir and to deliver it again to the motor.

1,575,360. POWER-TRANSMITTING MECHANISM. RALPH C. SEYMOUR, Short Hills, N. J. Filed June 17, 1924. Serial No. 720,484. 9 Claims. (Cl. 74—36.)



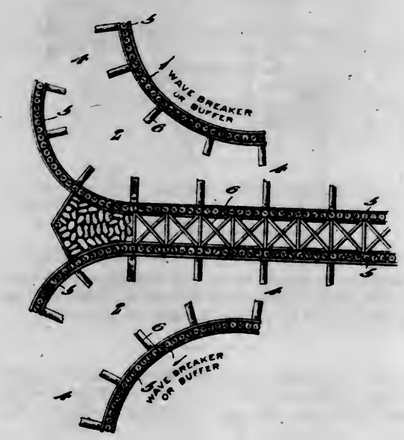
1. A power transmitting mechanism including in combination a driven shaft journaled in a machine frame, a worm wheel fixed on the shaft, a worm meshing with the worm wheel, a worm shaft, a support in which the worm shaft is journaled, the support being mounted loosely on the driven shaft only, means for driving the worm, and means restraining the worm from angular movement about the driven shaft while leaving it continually free for adjustive movement due to wear of the shaft journal bearing, or to non-alinement in the driven machine.

1,575,361. ENGINE. WILLIAM A. DOBLE, Jr., San Francisco, Calif., assignor to Doble Laboratories, San Francisco, Calif., a Corporation of California. Filed July 23, 1919. Serial No. 312,808. 3 Claims. (Cl. 121—134.)



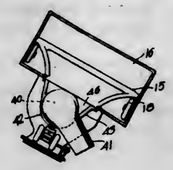
1. In an engine, a cylinder, a piston adapted to reciprocate in said cylinder, an exhaust valve for said cylinder having forward and reverse passages and provided with means disposed between said passages for placing the cylinder in continuous communication with the atmosphere during the reciprocation of the piston.

1,575,362. BEACH-RECLAMATION SYSTEM. LEWIS M. HAUPT, Cynwyd, Pa. Filed Feb. 4, 1924. Serial No. 690,377. 4 Claims. (Cl. 61—4.)



1. In a beach-reclamation system, the combination of a jetty extending out from the shore, and curtains on the flanks thereof and separated therefrom forming therewith impounding basins for the automatic accumulation and retention of drift material, said curtains being formed upon arcs of circles.

1,575,363. SUCTION CLEANER. HENRY C. HETTELSATER, Canton, Ohio, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio, a Corporation of Ohio. Filed Aug. 5, 1922. Serial No. 579,808. 4 Claims. (Cl. 15—9.)



4. A converter attachment for suction cleaners comprising a body portion having a discharge opening, an intake conduit connecting with said body portion, forwardly and outwardly extending side walls provided at one end with a projection adapted to be secured to a suction cleaner, and at the other end with means to insure proper registry with said suction cleaner.

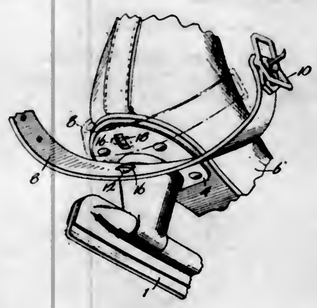
1,575,364. GOLF-CLUB HEAD. REGINALD R. HODGKINS, Los Angeles, Calif. Filed Dec. 1, 1924. Serial No. 753,133. 4 Claims. (Cl. 273—77.)

4. In a golf club head, a plate, a shaft attaching shank projecting upwardly from one end of said plate, a flange projecting upwardly from the rear edge of said plate, a centrally arranged rib extending lengthwise on top of said plate, a wooden body arranged on said plate and overlying said rib, said wooden body being provided in its rear portion with an aperture, a member extending



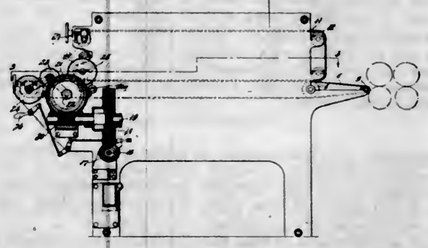
through the flange and seated in said rib and weights carried by said member and occupying the aperture within said wooden body.

1,575,365. SKATE. ALFRED K. JOHNSON, Chicago, Ill. Filed Feb. 18, 1925. Serial No. 9,904. 5 Claims. (Cl. 208—168.)



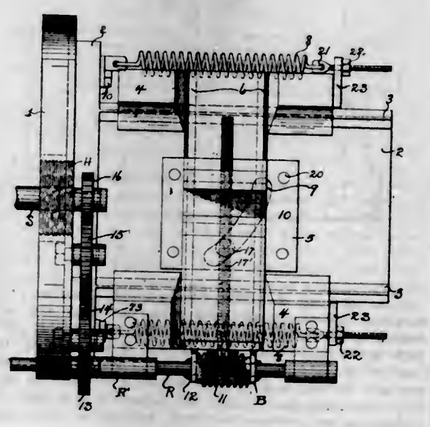
1. A skate having a foot supporting plate, a strap, and means for detachably attaching the strap to the plate and preventing lengthwise movement of the strap relatively to the plate, said means being interfitting parts consisting of but two elements, manually manipulatable, one element being part of the strap and the other part of the plate.

1,575,366. COLLAR-CONDITIONING APPARATUS. GEORGE W. JOHNSON, Cincinnati, Ohio, assignor to The American Laundry Machinery Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Oct. 5, 1922. Serial No. 592,620. 11 Claims. (Cl. 34—12.)



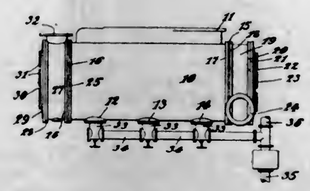
8. A laundry conditioning apparatus comprising a casing having a heating chamber, means for conveying starched work through said heating chamber, a perforated plate extending across said casing and providing a chamber on the opposite side of the path of work from said heating chamber, and suction means arranged to remove the moisture released from the work by drawing the same through said perforated plate.

1,575,367. SHAPING MECHANISM. ROY WALTER JOHNSON, Winona, Minn. Filed Aug. 6, 1923. Serial No. 656,098. 5 Claims. (Cl. 82—14.)



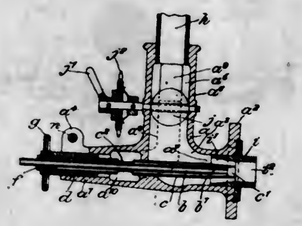
1. A shaping mechanism comprising a revoluble member having a slidable member connected thereto, said slidable member having a second slidable member connected thereto, one of said slidable members having a tool holder connected thereto and being movable in a direction different from the direction of movement of said first slidable member, a guide plate provided with a guide slot and connected to said revoluble member, one of said slidable members having a pin fitting into and co-operating with said guide slot, and means adapted to move one of said carriages when said revoluble member is revolved, said guide slot and pin being adapted to cause said tool holder to have a movement whose longitudinal component is an arc.

1,575,368. CONDENSER. EINAR A. JOHNSEN, Mountain Lakes, N. J. Filed Jan. 11, 1924. Serial No. 685,527. 3 Claims. (Cl. 257—43.)



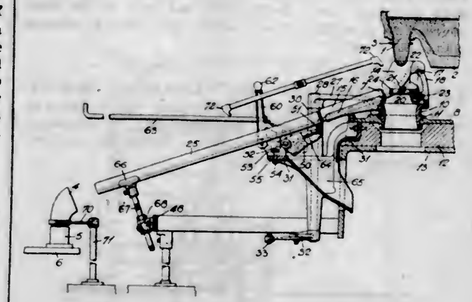
1. In a single pass surface condenser, a shell having an exhaust steam inlet and a condensate outlet, a plurality of tubes arranged in rows converging from the exhaust steam inlet to the condensate outlet, and also decreasing in diameter from the exhaust steam inlet to the condensate outlet, thereby providing a substantially uninterrupted lane for the passage of the exhaust steam between each two rows of tubes.

1,575,369. BURNER FOR LIQUID FUEL. ERNEST JUILLARD, Geneva, Switzerland, assignor to The Ateliers H. Cuénod Société Anonyme, Chatelaine, near Geneva, Switzerland, a Company of Switzerland. Filed July 11, 1923. Serial No. 650,741. 3 Claims. (Cl. 158—76.)



3. A liquid fuel burner according to claim 1 having means for simultaneously adjusting the first Venturi tube and the fuel spray nozzle within the same relatively to the said second Venturi tube.

1,575,370. GLASS-DELIVERING APPARATUS. EDWARD H. LORENZ, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Apr. 7, 1919. Serial No. 287,966. 35 Claims. (Cl. 49—55.)

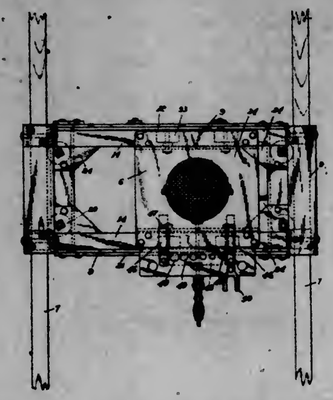


12. A chute for delivering molten glass comprising a plurality of movable sections located in delivering continuity, a support common to said sections, means for moving said sections in unison upon said support and means for moving one of said sections vertically out of delivering continuity with another section, independently of its movement on said support.

1,575,371. LIQUID RECEIVING AND CONVEYING DEVICE. JOSEPH H. LOWDEN, Elyria, Ohio. Filed Apr. 30, 1925. Serial No. 27,115. 7 Claims. (Cl. 104—91.)

2. In a device of the class described, in combination, a longitudinally adjustable frame, said frame being mov-

able and comprising side members having upwardly extending flanges to provide wheel runways, a carriage supported on wheels engaging the said runways, and a

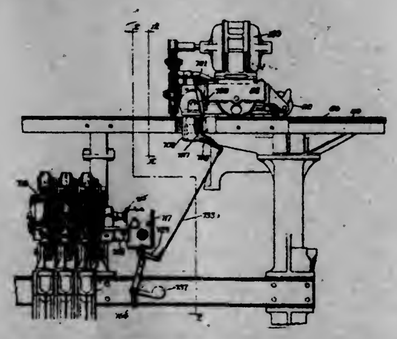


receptacle carried by the carriage, said receptacle being adjustable vertically, and means for adjusting the receptacle vertically.

1,575,372. METHOD OF FERMENTING OR CURING COCOA BEANS AND PRODUCT RESULTING FROM SUCH FERMENTATION OR CURING. WHARTON B. MCLAUGHLIN, New York, N. Y.; Celia Brown McLaughlin administratrix of said Wharton B. McLaughlin, deceased. Filed Dec. 28, 1923. Serial No. 683,200. 2 Claims. (Cl. 99—11.)

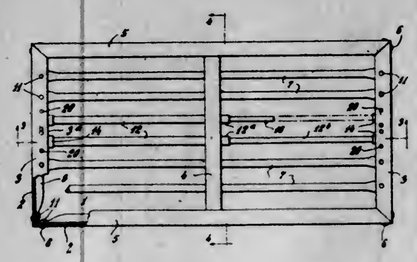
1. The method of curing cocoa beans, which consists in maintaining the bean out of contact with atmospheric air at a temperature above that at which organized ferments grow and below that at which the enzyme of the bean is injured until the purplish red color of the bean changes to a reddish brown which upon drying becomes cinnamon brown.

1,575,373. STOPPING AND RESTARTING MECHANISM. BROOKS MARCELLUS, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a Corporation of Illinois. Filed Mar. 21, 1924. Serial No. 700,785. 25 Claims. (Cl. 242—35.6.)



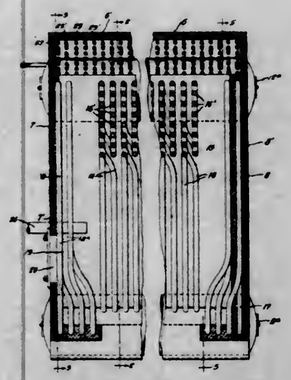
1. In a winder, the combination of a traveling carriage, a control element therefor, means acting upon the control element to cause it to stop the carriage at a predetermined point in its travel, and means operating to cause the control element to permit the carriage to resume its travel after the lapse of a predetermined interval including a timing member and a part actuated by said member as the latter moves in one direction, and means operable in the movemen of said part to effect a return of the timing member to its initial starting position.

1,575,374. POULTRY COOP. JOSEPH MARGOLIS and MAX VOLINETZ, New York, N. Y. Filed Jan. 8, 1925. Serial No. 1,160. 10 Claims. (Cl. 220—8.)



1. A coop of the character specified provided with enclosing means on all sides some of which are telescopically disposed bars slidable one within the other with their telescoping ends at the mid-portion of the coop when the said bars are extended to close the coop, the coop having a strip provided with an opening slidably supporting the outer of the telescopic bars with the companion bar slidably retained within the outer bar, and means to detachably retain the bars.

1,575,375. BOILER. LOREN P. MICHAEL, Elmhurst, Ill., assignor of one-half to Harry T. Bentley, Oak Park, Ill. Filed Feb. 23, 1923. Serial No. 620,557. 5 Claims. (Cl. 122—326.)



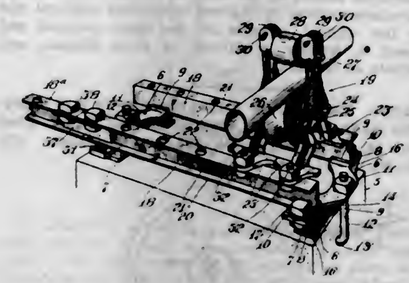
1. In a boiler of the type described, the combination of a housing of generally rectangular form, drums disposed in and lengthwise of the corner regions of said housing, and one or more longitudinal rows of water tubes connecting each lower drum with the upper drum on the opposite side and unitedly forming the roof of the fire box, the tubes of adjacent pairs in each row being bent into a common vertical plane throughout the roof region to provide increased space for the intersection of said tubes.

1,575,376. PUSH BUTTON. FRED N. MIZER, Elyria, Ohio, assignor to The General Phonograph Manufacturing Company, Elyria, Ohio, a Corporation of Ohio. Filed Feb. 4, 1924. Serial No. 690,402. 4 Claims. (Cl. 200—159.)



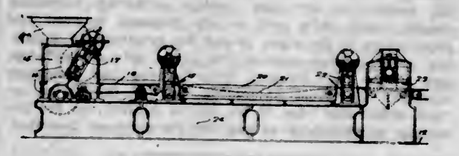
1. A push button switch comprising a non-conductor base member, a ground member adjacent said base, an axially movable stem extending through said base, a button secured to one end of said stem exteriorly of said base member and enclosing one end of said base, means to prevent removal of the other end of said stem through said base member, a leaf spring contact member bent to bear against and normally space said button from said base, said spring contact having one end secured to said base member and the other end normally spaced from and free to be moved into contact with said ground member, and means for connecting said contact member with a source of electric supply, said button moving said free spring contact end into engagement with said round member when pressure is directed thereagainst.

1,575,377. CARRIER SUPPORT FOR SWITCH AND SIGNAL RODS. JAMES C. MOCK, Detroit, Mich. Filed July 20, 1921. Serial No. 486,089. 1 Claim. (Cl. 248—30.)



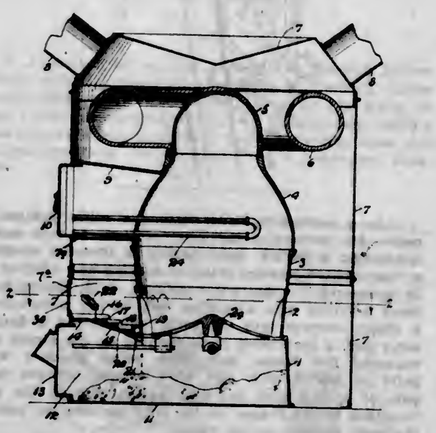
In a device of the character described, the combination of a pedestal having flat bearing surfaces on the bottom of the base portion and ends extended beyond the base portion and formed to provide sockets therebeneath, the upper surfaces of said ends being each provided with a pair of transversely disposed shoulders arranged in parallel spaced relation, a bolt-receiving opening extending through each end at a point intermediate of the shoulders, the intermediate portion of the pedestal having a portion disposed laterally beyond one side of the longitudinal axis and adapted to receive a clamping element whereby the pedestal may be secured to a substructure, anchor bars provided with laterally disposed upper and lower flanges or surfaces, the lower flanges or surfaces being of less width than the distance between one shoulder of each pair and the bolt-receiving opening, while the upper flanges are provided with a plurality of openings, said bars being adapted to be disposed transversely of the pedestal with the lower flange flush with the top surface of the pedestal ends and its body portion in abutting relation with one of said shoulders so as to permit longitudinal adjustment of the anchor bars while the pedestal is secured in place, and bolt-and-nut clamping means disposed through the openings in the ends of the pedestal, with the lower portion of said means arranged in the sockets beneath the upper surfaces of the ends of the pedestal while the upper portion of said means is arranged in lapping relation with the other shoulders on the ends of the pedestal and with the lower laterally disposed surfaces of said anchor bars.

1,575,378. PROCESS OF MANUFACTURING MASTIC SHEET MATERIAL. FRANKLYN R. MULLER, Lake Bluff, Ill., assignor to Franklyn R. Muller, Inc., Waukegan, Ill. Filed Apr. 16, 1925. Serial No. 23,574. 4 Claims. (Cl. 18—18.)



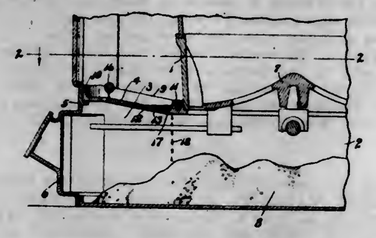
1. A process of producing sheet mastic which includes heating and mixing the ingredients thereof, passing the plastic material thus produced through chilled forming rolls, squeeze rolls, and a water bath.

1,575,379. FURNACE HUMIDIFIER. OSCAR P. NYSTROM, Holland, Mich., assignor to Holland Furnace Company, Holland, Mich., a Corporation of Michigan. Filed July 21, 1924. Serial No. 727,136. 10 Claims. (Cl. 126—113.)



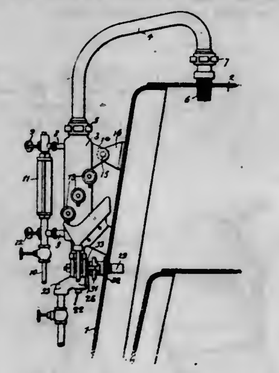
10. A furnace humidifier comprising a receptacle located in an inclined position within the jacket of a furnace, ribs extending upwardly from the bottom of the receptacle, means for supplying water to the receptacle above the uppermost rib and means for draining water from the receptacle near its lower side and for conveying said water to the ash pit of the furnace.

1,575,380. FURNACE HUMIDIFIER. OSCAR P. NYSTROM, Holland, Mich., assignor to Holland Furnace Company, Holland, Mich., a Corporation of Michigan. Filed Feb. 24, 1925. Serial No. 11,082. 12 Claims. (Cl. 126—113.)



1. In a furnace, an ash pit casting and a fire pot casting located above the ash pit casting, said ash pit casting at one side having outwardly extending spaced apart sides and a top disposed between the upper edges of the sides, means for continuously supplying water to and against the upper side of said top, and means cast integral with the top and extending upwardly therefrom preventing flow of the water beyond either side edge of the top or against the fire pot casting, substantially as and for the purposes described.

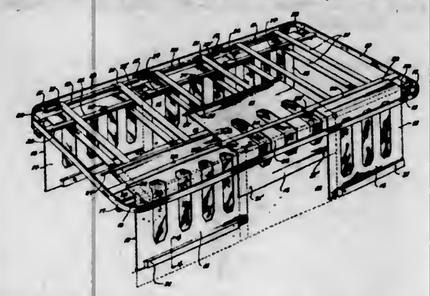
1,575,381. WATER COLUMN FOR LOCOMOTIVES. ALFRED H. OELKERS, Springfield, Mo. Filed Jan. 14, 1925. Serial No. 2,338. 2 Claims. (Cl. 137—102.)



1. In a locomotive boiler having a water column, a means for connecting the water column to said boiler comprising a hollow body having a threaded opening, a pipe member screwed into the opening and adapted to be connected to the water column, said hollow body being provided with attaching ears having perforations, a nipple screwed into the boiler and having a flanged outer end, a perforated plate received by the nipple and engaging the flange, said plate being provided with pairs of spaced ears, and bolts located between each pair of spaced ears and also passed through the perforations in the flanges on the body member for locking the body member to the nipple.

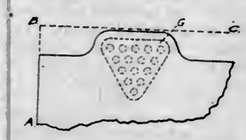
1,575,382. AUTOMOBILE CURTAIN. BLASE PASQUARELLI, New York, N. Y. Filed July 19, 1924. Serial No. 727,051. 6 Claims. (Cl. 296—140.)

1. In combination with the frame of a vehicle top, sets of curtains arranged at opposite sides of said frame, the meeting ends of the curtains of each set overlapping each other, a winding roller for each of said curtains, idler rollers of various diameters to permit of the overlapping of said curtains, members supported by said frame, a slot or channel formed in each of said members through which the respective curtains pass,



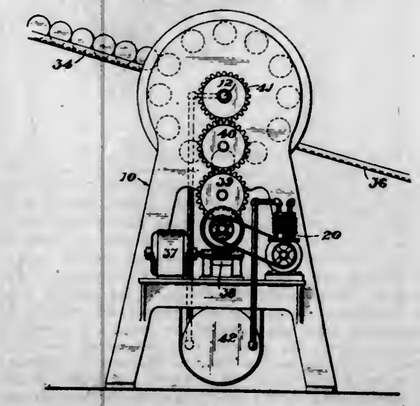
and means carried by one end of said curtains for coaction with said members for limiting the downward movement of said curtains.

1,575,383. INDEX TAB. JAMES W. PEARL, Chicago, Ill. Filed Feb. 16, 1921. Serial No. 445,490. 2 Claims. (Cl. 129—16.8.)



2. The combination, in a filing element, of a sheet of paper or card-board recessed inwardly from the edge along only that portion of the edge to be used as an index tab, a reinforcing material inserted in the recess and completely covered by the original paper material, cement applied to firmly unite all interior parts and produce a reinforced section of the sheet at the tab only, without perforations, orifices or exposed reinforcing material and with the original surfaces of the sheet retained and restored for writing or printing an index thereon, substantially as set forth.

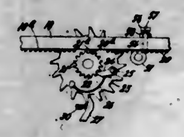
1,575,384. METHOD OF AND APPARATUS FOR TESTING CANS. LOUIS H. PETERS, Oakland, Calif. Filed Feb. 18, 1924. Serial No. 693,556. 4 Claims. (Cl. 73—51.)



1. A method of testing filled cans consisting in forming a seal around the edge of a closed can end, thereafter creating suction upon a portion of the can end

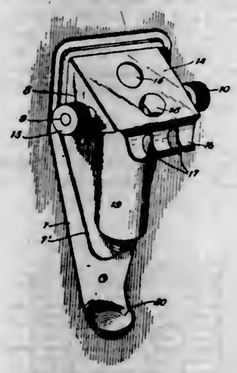
embraced by the seal, whereby the end of the can will be distended, after which the distension of the end will remain permanent if the can is faulty.

1,575,385. TYPEWRITING MACHINE. HENRY L. PITMAN, Westfield, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 17, 1923, Serial No. 625,699. Renewed July 18, 1925. 12 Claims. (Cl. 197—176.)



1. In a typewriting machine, a carriage urged in letter-feeding direction, escapement means including a pinion advanced one tooth at each typing operation, a mutilated rack on the carriage normally in mesh with said pinion, a track upon the rack, a roller engaging the track to support the rack, and means for automatically lifting the rack out of engagement with the pinion when the carriage reaches a predetermined position.

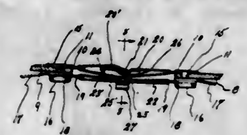
1,575,386. TUBE SQUEEZER. JOSEPHINE RANDALL, Tuckahoe, N. Y. Filed Nov. 10, 1924. Serial No. 748,840. 3 Claims. (Cl. 221—60.)



1. Means for squeezing a collapsible tube to discharge the contents thereof and comprising a back support plate, a top plate and sides plates, said top plate having apertures to receive various sizes of collapsible tube caps and provided with a curved lip adapted to hold various articles used in connection with the contents of the tube, a winding key mounted in said side plates and having a shank located between the plates and provided with means to receive the closed end of a tube whereby the said tube may be suspended from the shank of the key in front of the said back support plate and be wound upon the key.

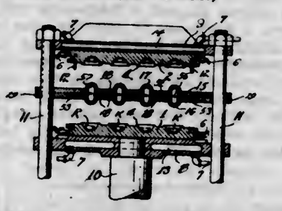
1,575,387. SHOE FASTENER. BENJAMIN RAUTIO, Detroit, Mich. Filed July 23, 1925. Serial No. 45,490. 1 Claim. (Cl. 24—117.)

A shoe fastener of the class described adapted for use on a shoe having a split upper provided with meeting edges, comprising a plate secured to said upper adjacent each of said edges adjacent the upper end thereof, said plate having an outwardly projecting end provided with an eyelet; a stud projected through an opening formed in said plate and through said upper; a head mounted on the base of said stud provided with a beveled surface, said plate being flared for engagement in embracing relation with said beveled surface, said stud forming a male portion of a snap fastener; a female portion of a snap fastener for cooperating with each of said studs; a gripping member mounted on each of said female portions and projecting outwardly therefrom; a plate carried by each of said female portions and provided with



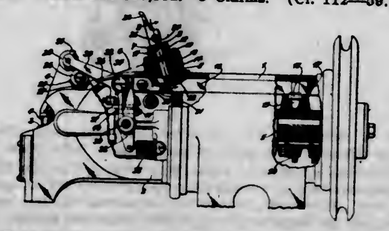
an eyelet; a slip buckle; a securing hook mounted on the outer surface of said slip buckle; and an elastic strip threaded into each of said eyelets and into said slip buckle; and means for fastening the ends of said elastic strip for preventing their removal from said eyelets, said elastic strip serving as a yieldable fastening for retaining the said edges in the desired relative position and for permitting upon disengagement of said female portions from said male portions the farther relative separation of said edges.

1,575,388. METHOD AND APPARATUS FOR MAKING HOLLOW RUBBER ARTICLES. FRED THOMAS ROBERTS, Upper Montclair, N. J., assignor to Paramount Rubber Consolidated, Inc., Tuckahoe, N. Y., a Corporation of Delaware. Filed Oct. 16, 1922. Serial No. 594,781. 28 Claims. (Cl. 18—56.)



1. A method of making permanently inflated hollow rubber articles, consisting of slightly vulcanising rubber composition, while mechanically forming the walls of the article under pressure and of continuously holding the articles in the same mold member, uniting them and vulcanising them while giving them a permanent inflation.

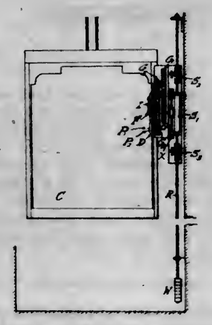
1,575,389. SEWING MACHINE. JOHN SCHNEIDER, St. Louis, Mo. Original application filed May 21, 1921, Serial No. 471,314, Patent No. 1,440,556, dated Jan. 2, 1923. Divided and this application filed Dec. 18, 1922. Serial No. 607,531. 9 Claims. (Cl. 112—59.)



1. In a sewing machine having stitch forming mechanism, the combination of a stem supported for axial movements, a flange rigid on said stem, a spring encircling the stem and bearing against said flange to actuate

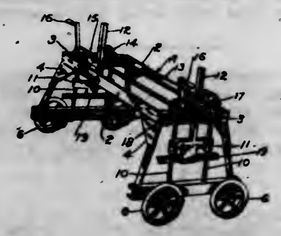
the stem in one direction, a washer loose on said stem on the opposite side of said flange from said spring adapted to press against the thread passing between said washer and said flange, and a spring encircling the stem for pressing the washer toward said flange.

1,575,390. ELEVATOR FLOOR-INDICATOR DEVICE. HENRY DUTTON SMITH, New York, N. Y. Filed Mar. 30, 1923. Serial No. 628,941. 2 Claims. (Cl. 116—122.)



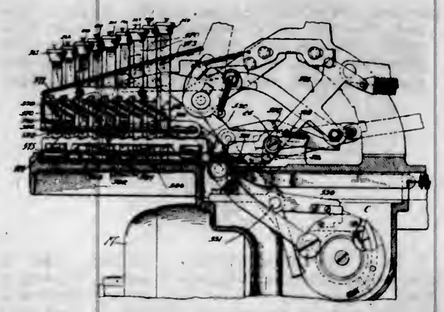
1. In an elevator floor indicator device, the combination of a driving rope weighted and suspended in the hatchway with a bracket mounted on an elevator cab supporting sheaves adapted to frictionally drive an operating sheave, a double set of reduction spur gearing, an indicator pointer shaft and an indicator pointer adjustably connected therewith visible from within said cab, a dial indicator face containing floor numbers and stadia-like segmentations marked thereon likewise visible from within said cab and with pointer engaging protrusions at both ends of travel of said dial indicator, all substantially as and for the purposes hereinbefore set forth.

1,575,391. MOLD STRIPPING AND TRANSFERRING MACHINE. WOLCOTT P. STANTON, Berkeley, Calif. Filed July 21, 1924. Serial No. 727,191. 4 Claims. (Cl. 25—1.)



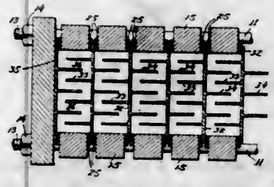
1. A device of the character described comprising a cross frame and a pair of end frames, said cross and end frames adapted to straddle a series of molds placed in line formation, a cross-head on each end frame, guides for the cross-heads, means for imparting vertical movement to the cross-heads upon the guides in unison, lugs on the cross-heads engageable with the molds to raise and support the same and means supporting the cross and end frames and permitting movement thereof longitudinally of the molds.

1,575,392. ADDING MACHINE. OSCAR J. SUNDSTRAND, Rockford, Ill., assignor to Rockford Milling Machine Company, Rockford, Ill., a Corporation of Illinois. Filed Jan. 9, 1922. Serial No. 527,827. 11 Claims. (Cl. 235—60.)



1. An adding machine having, in combination, a row of key stems, means to lock any of said stems in depressed position, a projection upon each key stem, a slide arranged to be moved along said row of stems from one stem to the next stem in each cycle of operations of the machine and to engage the projection of a depressed key stem, a spring tending to hold said slide in initial position at one end of the row, a tooth on said slide, two parallel ratchet bars extending along the path of the slide and arranged to be engaged by said tooth, means for reciprocating one of said ratchet bars to advance the slide along the row of key stems from one key stem to the next in each cycle of operations of the adding machine, and means for disengaging the tooth and said bars after said slide has engaged the projection of a depressed key stem.

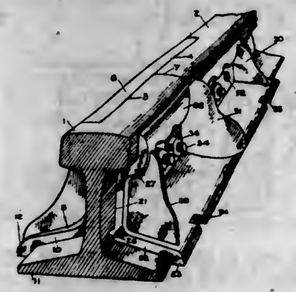
1,575,393. STORAGE BATTERY. FREDERIC ERNEST SUTTON, Newark, N. J. Filed May 31, 1922. Serial No. 564,808. 5 Claims. (Cl. 136—9.)



1. A secondary cell comprising in combination, a frame having a vent and filling opening at its upper portion, a cathode plate extending across one face of said frame, and an anode plate extending across the opposite side of said face and cooperating with said frame and cathode plate to form the electrolyte container, each of said plates being provided with a plurality of substantially vertical ribs which extend toward the other plate and between and alternating with the ribs of the other plate.

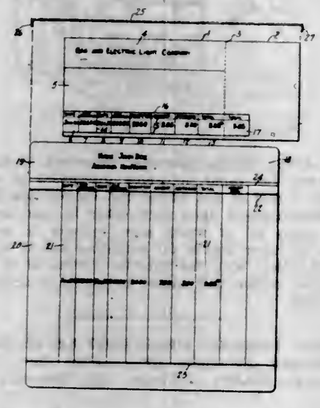
1,575,394. RAIL JOINT. JOSEPH OMER TARDIF, Quebec, Quebec, Canada, assignor to George Frederick Knight, Quebec, Canada. Filed Mar. 14, 1924. Serial No. 699,236. 1 Claim. (Cl. 238—221.)

A joint comprising a joint plate formed at the upper edge as a splice bar fitting into corresponding slots in the meeting rails and crossing from rail to rail, said plate having a hollow buttress in the centre thereof enclosing the webs and bases of the rails at the split, and a joint plate on the opposite side having a corresponding buttress thereby leaving a clear space about the rail ends



below the tread, said joint plates having flanges extending beyond the rail bases and formed with spike slots and bolt holes for the fastening bolts.

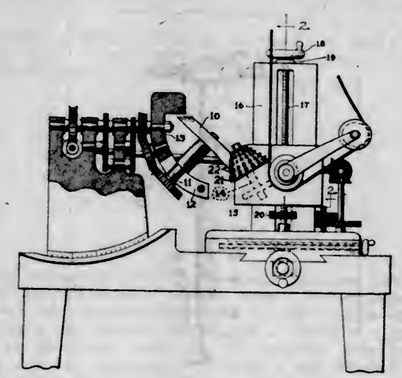
1,575,395. INVOICE SHEET. WALTER E. TORPS, Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Aug. 6, 1921. Serial No. 490,197. 1 Claim. (Cl. 282—27.)



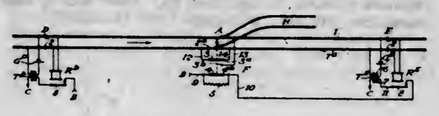
A set of blanks for use in bookkeeping and billing, comprising a ledger-sheet having a series of columns marked thereon and a left filing margin, and a bill-blank having a series of spaces marked thereon arranged to coincide with the columns on the ledger-sheet when the ledger-sheet is superposed on the bill-blank and a detachable memorandum stub at the right extremity of the bill, the blanks being so arranged that the left filing margin of the ledger-sheet will extend beyond the left edge of the bill-blank and the right margin of the detachable memorandum stub will extend beyond the right margin of the ledger-sheet when the corresponding columns and spaces on the ledger-sheet and bill-blank are superposed in coincident relationship.

1,575,396. METHOD OF PRODUCING GEARS. NIKOLA TESLA, Detroit, Mich., assignor to Gleason Works, Rochester, N. Y., a Corporation of New York. Filed Jan. 21, 1921. Serial No. 438,881. 33 Claims. (Cl. 90—5.)

5. The method of producing gears which consists in giving the gear blank a continuous planetary movement by means of gearing having relatively prime numbers of teeth which impart to the blank a rotation that once during each cycle of said planetary movement brings a new tooth section of the blank into rolling contact with a tool having a plurality of cutting portions arranged on a cone.

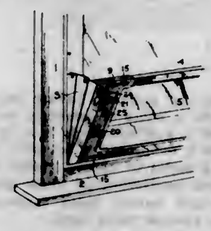


1,575,397. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. RALPH P. TUTTLE, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Jan. 28, 1924. Serial No. 688,917. 27 Claims. (Cl. 246—34.)



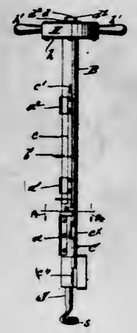
1. In combination, a stretch of railway track, a track transformer having its secondary winding connected across the rails of said stretch, a switch in said stretch, and means for controlling the supply of energy to the primary of said transformer in accordance with the position of said switch.

1,575,398. WINDOW VENTILATOR. THOMAS R. WEVANT, New York, N. Y. Filed Oct. 30, 1922. Serial No. 597,990. 6 Claims. (Cl. 98—31.)



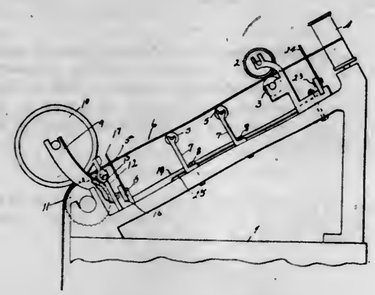
1. A window ventilator having a deflector, said deflector comprising a pane, a pair of frames for said pane, each of which frames passes completely around the pane, one of said frames telescoping into the other, each of said frames having a sunken flange adapted to hold the pane, and bolts passing through said frames joining them to each other and exerting resilient pressure of said flanges against the pane, and means to attach said frame to and detach it from operative position.

1,575,399. MEANS FOR CURLING HAIR. EMILE WILKENS, Winfield, N. Y. Filed May 19, 1925. Serial No. 31,256. 10 Claims. (Cl. 132—33.)



1. Hair curling means of the character designated, comprising a wind-spindle, and a rotatable tubular enclosure therefor, formed with lateral comb teeth, substantially as and for the purpose set forth.

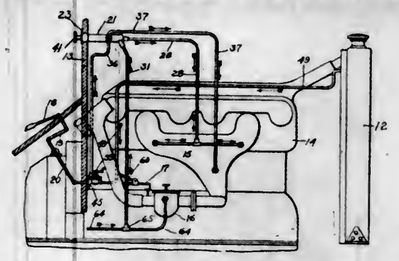
1,575,400. AUXILIARY SHIFTING GUIDE FOR SPINNING AND ROVING MACHINES. JOSEPH WOOD and WALTER HAYNES, Philadelphia, Pa. Filed May 6, 1924. Serial No. 711,333. 2 Claims. (Cl. 19—133.)



2. In a spinning machine having bearing standards for drawing rolls, a series of combined bearing and guide brackets secured to said standards, a guide roll journalled in said brackets, a reciprocating bar also mounted in said brackets, and a series of thread guides carried by said bar, said guides projecting in close proximity to the drawing rolls and having holes therethrough for the passage of the threads being spun.

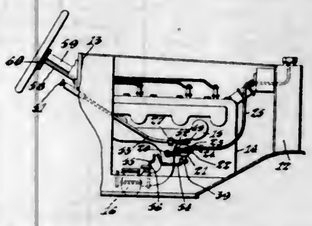
1,575,401. COMBINED PRIMER AND HUMIDIFIER FOR INTERNAL-COMBUSTION ENGINES. JAMES E. WOODWARD, Watertown, Mass., assignor to Henri A. Sevigne, Winthrop, Mass. Filed June 13, 1921. Serial No. 477,261. 1 Claim. (Cl. 123—25.)

The combination with an internal combustion engine of a pump having a piston member provided with a transverse port, and connections to enable said pump to either effect priming of the engine or for said piston



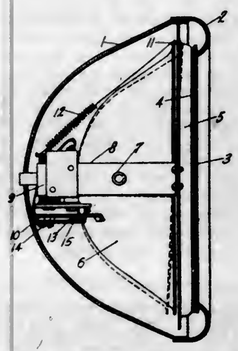
member to open or close a passageway for the introduction of vapor to said engine.

1,575,402. HUMIDIFIER FOR INTERNAL-COMBUSTION ENGINES. JAMES E. WOODWARD, Somerville, Mass., assignor to Henri A. Sevigne, Winthrop, Mass. Filed Sept. 13, 1922. Serial No. 588,002. 4 Claims. (Cl. 123—25.)



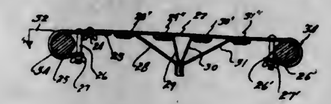
1. A device of the character described, comprising a passageway for vapor, a casing interposed in said passageway, a pair of flat valves and cooperating flat valve seats superimposed upon each other in said casing and having ports all of which must register to permit the passage of vapor, means for actuating one of said valves in synchronism with the throttle control of an internal combustion engine, and means for manually actuating the other valve.

1,575,403. TILTABLE HEADLIGHT REFLECTOR. LEO R. YEAGER, Columbus, Ohio. Filed Nov. 19, 1923. Serial No. 675,536. 6 Claims. (Cl. 240—41.)



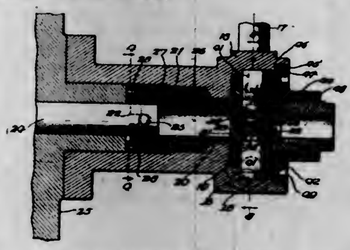
1. In a lamp structure, a light projecting device adjustable to vary the direction of the beam of light, electromagnetic actuating means for adjusting said projecting device by a current of one value and for maintaining adjusted position by a current of a lower value, and means connected to the light projecting device and brought into contact with a part of the electromagnetic actuating means for breaking the high current circuit and completing the low current circuit.

1,575,404. VEHICLE SIGNAL. RALPH L. AMES, Detroit, Mich. Filed Nov. 19, 1923. Serial No. 675,557. 2 Claims. (Cl. 200—59.)



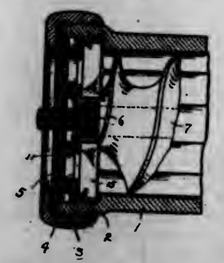
1. An electric switch support adapted for attachment to a spoked steering wheel having a rim, comprising an elongated supporting member, the ends of said supporting member being curved to embrace and adapted to clamp upon the spokes of said wheel, the distance between said ends being variable to permit their clamping engagement with said spokes at various positions relatively to said rim.

1,575,405. ROTARY PUMP. LARS ANDERSON, Chicago, Ill. Filed May 14, 1925. Serial No. 30,141. 9 Claims. (Cl. 103—136.)



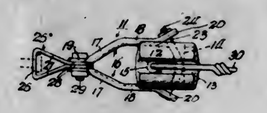
5. A rotary pump including a chamber, a rotor eccentrically rotating therein, radially slidable blades carried by the rotor, a floating element with which the inner ends of the blade have abutment to effect the sliding of the blades, said element including opposed laterally and relatively adjustable members each of which has engagement with the blades, and a projection connected with one of said members and projecting between two adjacent blades to cause the floating element to rotate with the rotor.

1,575,406. MEAT CHOPPER. WILLIAM J. ANDERSON, Duluth, Minn. Filed Oct. 17, 1924. Serial No. 744,129. 2 Claims. (Cl. 146—181.)



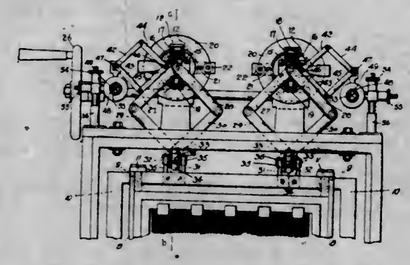
1. A cutter head for meat grinders of the class described comprising a circular body portion having a plurality of radially disposed recesses in the rearmost face thereof, a circular opening through the center of each recessed portion, and an adjustable annular protruding knife about each opening.

1,575,407. STRAIN-INSULATOR CLEVIS. BORIS J. BARMACK, Chicago, Ill. Filed May 31, 1921. Serial No. 473,754. 1 Claim. (Cl. 173—366.)



An adjustable clevis for a strain insulator having longitudinal grooves in its sides with a transverse hole in one end, said clevis comprising two similar arms each having a part near one end adapted to engage in a part of an associated groove, of said insulator with said end part bent outwardly therefrom, a bolt adapted to pass through said insulator hole and through the outwardly bent ends of said clevis arms, said bolt having a head on one end, the sides of which engage with parts of one of said bent arm ends, a nut on the other end of the bolt, the sides of which engage with parts of the other of said bent arm ends to prevent rotation of either said bolt or nut, and means connecting the other ends of said clevis arms together.

1,575,408. METHOD OF AND APPARATUS FOR MAKING NEGATIVES FROM WHICH PRINTING PLATES MAY BE PRODUCED. LAURENT BASSANI, Neuilly-sur-Seine, France, assignor, by mesne assignments, to Bassani Processes, Inc., New York, N. Y., a Corporation of New York. Filed Oct. 1, 1924. Serial No. 740,967. 14 Claims. (Cl. 95—5.)

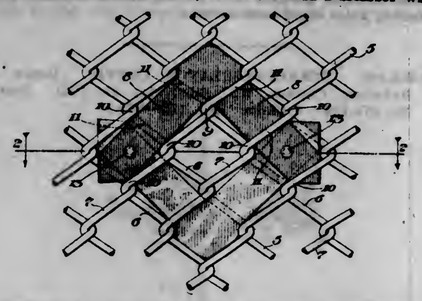


1. The method of making negatives from which printing plates may be produced which consists in making successive exposures of a sensitised surface part at least thereof through a screen and moving said screen in its own plane during said exposures in a path defining a closed figure.

1,575,409. NAME PLATE FOR WIRE FENCES. ALFRED BLAESER, Newark, N. J., assignor to Anchor Post Iron Works, Garwood, N. J., a Corporation of New Jersey. Filed Nov. 11, 1925. Serial No. 68,268. 3 Claims. (Cl. 40—125.)

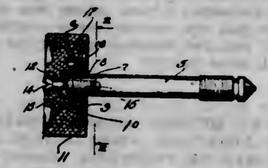
1. The herein described name plate for structures composed of interwoven flattened helical wires, said plate being of annular formation and its members being proportioned for placement flatwise in oppositely-inclined

diagonal rows of meshes of the structure at the respective sides of the latter, so that the said member will



be edgewise and transversely supported by the interwoven wires and one surface of each member will be unobstructed at the adjacent side of the structure.

1,575,410. KNOB-SECURING MEANS. HARRY L. BRADLEY, Milwaukee, Wis., assignor to The Reliance Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Apr. 21, 1922. Serial No. 555,881. 2 Claims. (Cl. 287—53.)



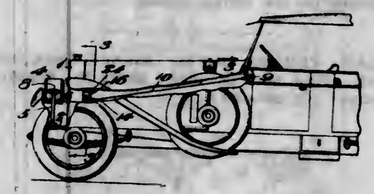
1. A device of the character described, comprising an operating member provided with a two diameter bore, a plate stamped from bendable metal, a round instruck apertured boss formed on the plate by striking the medial portion thereof inwardly and adapted to be disposed in that portion of the operating member bore having the larger diameter, said boss having a tapered bore therein, a shaft having a round tapered end insertable in the tapered bore of said boss, an instruck projection on the plate engaging in a recess in the operating member to prevent rotation of the plate with respect to the operating member, and a securing screw inserted through the smaller portion of the bore in the operating member and engaging in a threaded opening in the end of the shaft to draw the shaft end into the boss aperture and secure the plate and the operating member thereon against rotation solely by reason of the frictional engagement between the tapered shaft and the tapered bore.

1,575,411. CONNECTED FRICTION CAR STOP SHOE. EDWARD W. BREYLEY, Cleveland, Ohio, assignor to The Friction Car Stop Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 21, 1924. Serial No. 687,442. 2 Claims. (Cl. 104—260.)



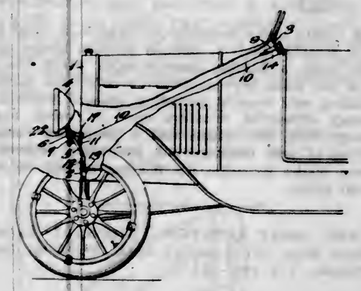
1. In a car stop, the combination of a pair of wheel receiving shoes slidably mounted on the rails, stops on said rails and adapted to limit movement of said shoes in both directions, said shoes being adapted to be moved in both directions by said car wheels until engaging said stops, and means connecting said two shoes, said means being adjustable to maintain the correct gauge between said shoes, said means also providing for slight independent shoe movement.

1,575,412. TILTING HEADLIGHT FOR AUTOMOBILES. PAUL R. COLLIER, Philadelphia, Pa. Filed Sept. 5, 1923. Serial No. 660,994. 1 Claim. (Cl. 240—61.)



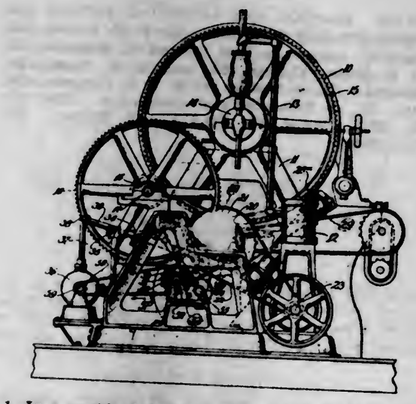
The combination of automobile side channels, a radiator supported with respect thereto, a pair of headlights, forked supports for said headlights carried by said side channels, a shaft for said headlights arranged in front of said radiator and having its ends directly connected thereto, so that the latter and said shaft function as a unit, bearings for said front headlight shaft, a pendant arm attached to said headlight shaft, a rear shaft rotatably mounted upon the rear of said radiator, a pendant arm connected to said rear shaft, a link common to said arms and passing through said radiator, a hand-pull connection controlled by the operator for rocking said rear and front shafts in unison to tilt said headlights and tension devices for resetting said rear shaft and its adjuncts, an apertured instrument board, and a face plate apertured in register with the instrument board aperture and fixed to said board, said connection having ratchet teeth thereon to be interlocked with the inner edge of the aperture of said face plate, whereby the headlights can be locked in the various extreme and intermediate positions they may assume.

1,575,413. TILTING HEADLIGHT FOR SMALL AUTOMOBILES. PAUL R. COLLIER, Wissahickon, Pa. Filed Sept. 5, 1923. Serial No. 660,995. 1 Claim. (Cl. 240—61.)



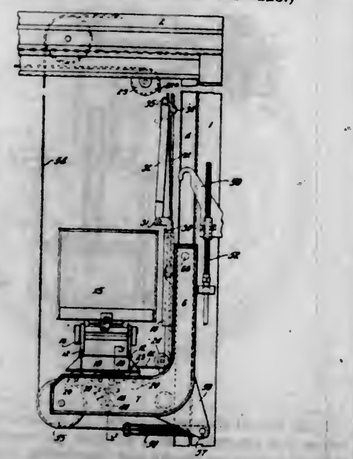
In a device of the character stated an instrument board having a hole therethrough, and a face plate bolted thereon, said plate having an aperture therein in register with the hole in said instrument board, a hand-pull lever positioned in said holes and having ratchet teeth therein, adapted to engage with the inner edge of the holes in said face plate, a vehicle frame, brackets mounted thereon, a head-light shaft rotatably mounted in the upper end of said brackets, headlights mounted on said shaft and movable in unison therewith, a crank arm fast on said headlight shaft, a connection from said crank arm to said hand-pull lever positioned in said instrument board, which rod is pivoted to said hand-pull lever, a lateral arm projecting from said shaft, an eye adjustably mounted in said vehicle frame, a spring intermediate said arm and eye, and an adjusting nut for said eye.

1,575,414. DESICCATING APPARATUS. NORMAN P. COLLIS, St. Paul, Minn., assignor to The Collis Company, Clinton, Iowa, a Corporation of Iowa. Filed Jan. 14, 1922. Serial No. 529,224. 8 Claims. (Cl. 159—11.)



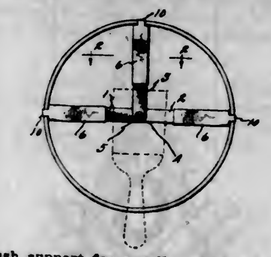
1. In a combined desiccating apparatus of the character indicated, the combination of a rotatably mounted heating drum, means for constantly rotating the heating drum, a delivery pipe having a relatively coarse aperture in proximity to the drum, pump mechanism for delivering a non-homogeneous liquid containing suspended solid particles to said delivery pipe, a second delivery pipe having relatively fine delivery apertures in proximity to a different portion of the drum, a pump for supplying the second delivery pipe with a watery homogeneous liquid, means for constantly rotating the drum, separate transmission mechanisms for each of the pumps, and means associated with the drum rotating means for imparting operating movements to either of the pumps, substantially as described.

1,575,415. LOCKING DEVICE FOR CAR-DUMPER PLATFORMS. ROBERT W. CRIST, Bedford, Ohio, assignor to The McMyler-Interstate Company, Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 27, 1923. Serial No. 682,902. 16 Claims. (Cl. 214—123.)



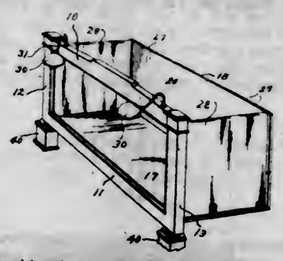
1. In a car dumper, the combination of a cradle, and a laterally movable platen on the cradle onto which a loaded car may be run, means for tilting the cradle and means operating automatically when the cradle is tilted for latching the platen against shifting laterally with relation to the cradle.

1,575,416. BRUSH-SUPPORTING DEVICE. JOHN DEMAN, Detroit, Mich. Filed Jan. 12, 1925. Serial No. 2,015. 4 Claims. (Cl. 248—48.)



1. A brush support for a pail comprising an arm having a tubular extension at one end, a pair of arms rotatable on the tubular extension, the tubular extension being flanged outwardly to secure the arms thereon and a slidable extension on each arm having spaced depending ends between which the edge of the pail is adapted to be engaged.

1,575,417. DISPLAY APPARATUS. THOMAS M. DEVINE, Cleveland Heights, Ohio, assignor to The Ohio Varnish Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 3, 1924. Serial No. 747,490. 10 Claims. (Cl. 40—125.)



10. In combination a display device frame, a support therefor, members carried by the frame and adapted to be moved with reference thereto for providing a stage, shiftable illuminating means carried by the frame for illuminating the stage, said members and means being arranged when in one position to occupy a space substantially the same as the depth of the support.

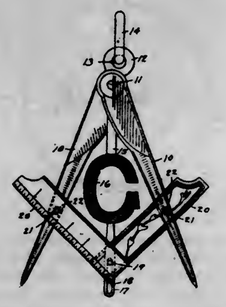
1,575,418. HASP SEAL. EMIL DIETER, Richmond Hill, N. Y., assignor to American Casting and Manufacturing Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Dec. 5, 1924. Serial No. 754,180. 1 Claim. (Cl. 292—315.)



In a device of the class described, sealing means for use with a hasp and loop, the same consisting of a seal passing through the loop against the plate, said seal being a ring of corrugated steel with a name section

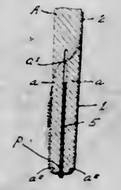
a frangible section, and a notched portion serving as a pivot, and with its free end adapted to be compressed mechanically to provide a sealing impression with identification symbols.

1,575,419. EMBLEM. JOHN M. DOYLE, Linnton, Oreg. Filed Apr. 28, 1925. Serial No. 26,379. 4 Claims. (Cl. 40—1.5.)



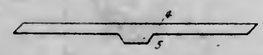
1. In a charm, the combination of a compass hinger at the union of its legs with a square hinged at the union of its arms and at the intersection of said arms with the legs of said compass.

1,575,420. CIGARETTE CASE. ISADORE EISENSTARK and BERNARD LIPSHITZ, Brooklyn, N. Y. Filed July 14, 1924. Serial No. 725,771. 1 Claim. (Cl. 69—21.)



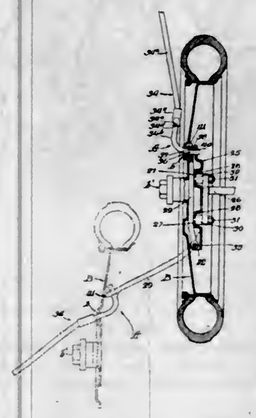
In the process of manufacturing leather compartmental cases, the process step of mechanically assembling a superimposed, flatwise contacting, marginally united, leather back side and leather front side with an intermediate partition of flexible material; in inserting between the partition and each of said sides, a tongued hot-mold having rigid molding tongues and an intermediate partition receiving slot the faces of which are parallel; in simultaneously stretching and shaping said sides and maintaining the partition straight, and lengthwise tautening said partition; and in causing said stretched and shaped sides to become set by the heat from the hot-mold.

1,575,421. EXPANSIBLE CORE FOR USE IN VULCANIZING TIRE CASINGS AND METHOD OF MANUFACTURING SAME. MAXIMILLIAN L. ENGLER, Akron, Ohio, assignor to The General Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 23, 1923. Serial No. 676,499. 7 Claims. (Cl. 18—56.)



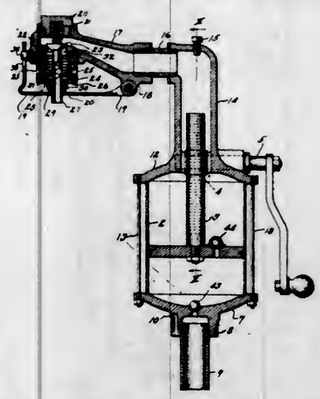
1. The process of manufacturing expansible cores for use in vulcanizing tires under internal pressure comprising, forming a slab of vulcanizable material, forming a rib of vulcanizable material, folding the slab transversely and longitudinally to form a continuous core, folding the rib longitudinally to provide a projecting tongue on the inner circumference of the core, and curing the core thus formed.

1,575,422. RAISING AND LOWERING DEVICE FOR DEMOUNTABLE WHEELS. LEWIS E. FAGAN, Chicago, Ill., assignor to Emil Blumenthal, Evanston, Ill., L. E. Fagan, Chicago, Ill., and E. G. Trowbridge, Winnetka, Ill., as trustees for B. F. T. Company, Chicago, Ill., an Unincorporated Association. Filed Oct. 29, 1923. Serial No. 671,513. 17 Claims. (Cl. 224—29.)



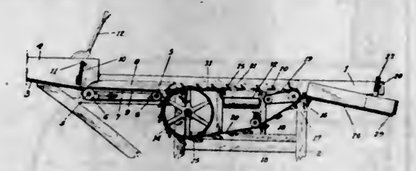
15. A wheel raising and lowering device for demountable wheels, comprising a carrier plate, and a wheel raising and lowering lever fulcrumed thereon, said lever having a detachable handle portion provided with a wheel sustaining element.

1,575,423. OIL-DISPENSING PUMP. PAUL W. FENTON, New York, N. Y. Filed Apr. 8, 1925. Serial No. 21,506. 5 Claims. (Cl. 221—80.)



1. In an oil-dispensing device, a pump provided with means for conveying oil therefrom, a nozzle secured to said oil conveying means and comprising a member provided with an oil chamber and an outlet thereto, a valve adapted to open and close the outlet, an oil receiving chamber below said outlet and communicating therewith, means for opening the valve and contracting the oil receiving chamber while the valve is being opened, means for closing the valve, and means for expanding the oil receiving chamber after the valve is closed.

1,575,424. PEACH GRADER. WILLIAM H. FRAZINE and CHARLES W. MORRILL, Modesto, Calif. Filed Sept. 2, 1924. Serial No. 735,243. 3 Claims. (Cl. 209—84.)



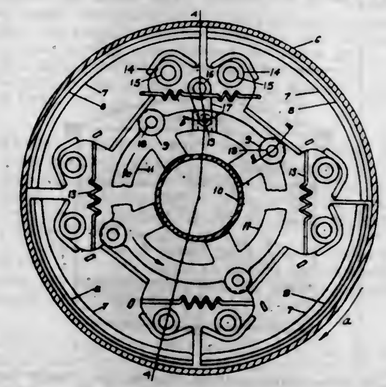
1. In a fruit grader, a horizontal grading belt having spaced orifices cut therethrough, plates fixed on the upper face of the belt and having orifices normally alining with the belt orifices, and fruit retaining cups mounted on the plates.

1,575,425. TRIMMING KNIFE. RYOZO HAMADA, San Francisco, Calif. Filed Mar. 9, 1925. Serial No. 14,006. 3 Claims. (Cl. 146—205.)



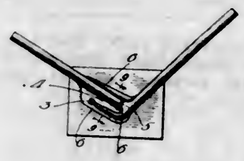
1. A vegetable peeler comprising a handle having a body portion on one end thereof, the body portion having a hole therethrough, and a trimming knife thereon and co-operating with the hole whereby the cuttings thereof fall through the hole.

1,575,426. BRAKE MECHANISM. EARL L. HARRY, Pontiac, Mich. Filed May 7, 1924. Serial No. 711,638. 8 Claims. (Cl. 188—78.)



1. In a brake mechanism, a brake drum, a series of two or more rigid brake shoes arranged concentrically within the drum and adapted to have frictional engagement with said drum, each shoe having substantially at each end two guiding planes converging toward the brake drum rim, a stationary abutment providing a support for the necessary brake shoe anchors, said anchors being in contact with the guiding planes of the shoes, a cam plate which may be rotated through a small arc, the rotation of which in one direction will force the shoes into frictional engagement with the brake drum and thereby cause said shoes to move through a limited distance with the drum and wedge between the brake anchors and drum and thereby increase the brake effort to be derived therefrom, the rotation of said cam-plate in the opposite direction will allow the shoes to be moved out of frictional engagement with the brake drum.

1,575,427. METHOD OF MAKING CRANK AXLES. RAYMOND HENRY, Rock Island, Ill., assignor, by mesne assignments, to Moline Implement Company, a Corporation of Illinois. Filed Feb. 9, 1922. Serial No. 535,120. 4 Claims. (Cl. 29—6.)



1. The method of making an agricultural implement crank axle with an integral crank between its ends which comprises forming an enlarged portion on a metal bar between its ends, flattening the enlarged portion, forming a crank in said flattened enlarged portion substantially parallel to the main body of the bar leaving the cross section of the crank axle substantially the same as the main body of the bar, cutting away the metal around the crank, and bending the crank so that it extends substantially at right angles to the main body of the bar.

1,575,428. REENFORCED FABRIC. SYLVESTER HENRY LAURY, Carlisle, Pa. Filed Nov. 6, 1924. Serial No. 748,254. 1 Claim. (Cl. 139—383.)



As an article of manufacture, an edge protector for blankets and the like, and comprising a ribbon strip of woven fabric consisting of a central longitudinal zone and lateral zones, said central zone having its warp threads arranged in close relation and equal distances apart to define a central reenforced portion adapted to flex around and protect the edge of the blanket, the lateral zones serving as sewing areas to attach the edge protector to the blanket.

1,575,429. CHAIN DOOR FASTENER. JAY F. LAWRENCE, Chicago, Ill. Filed Nov. 16, 1922, Serial No. 601,235. Renewed Jan. 20, 1926. 1 Claim. (Cl. 292—264.)

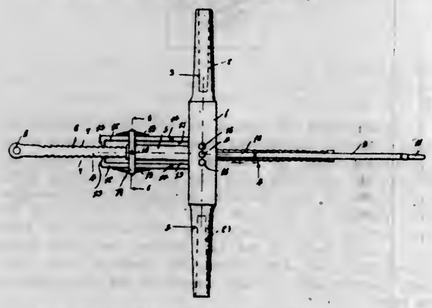
A chain door fastener, comprising a slotted plate adapted to be secured to a door jamb, a chain secured thereto at one end, a plate adapted to be secured to a door, means on the end of the chain adapted detachably

to engage said door plate, and a spool secured to an intermediate point of the chain and adapted to engage the slot in said door jamb plate to shorten the span of said



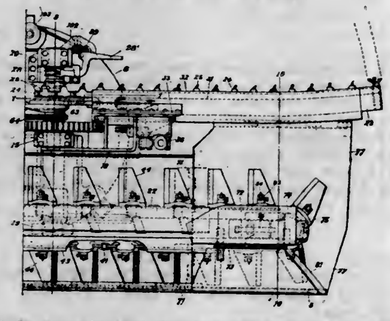
chain when desired, said door jamb plate slot adapted also to receive the other end of the chain when detached from the door plate.

1,575,430. SPOTTING JACK. JOHN LEAR and CHARLES A. BROST, Nashua, Mont. Filed July 7, 1925. Serial No. 42,044. 4 Claims. (Cl. 254—72.)



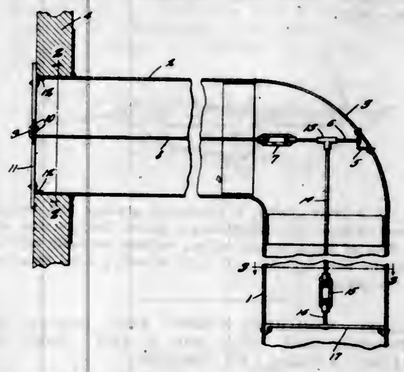
1. A spotting jack for locating dead locomotives in position to be opefated on, comprising a ratchet bar adapted to be attached to the locomotive, a lever yoke, an anchor bar pivotally secured to said lever yoke, a hollow guide pivotally secured to said lever yoke and receiving the ratchet bar, and pawls pivotally secured to the lever yoke and engaging the teeth of the ratchet bar.

1,575,431. COAL-MINING MACHINE. NILS D. LEVIN, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, Columbus, Ohio, a Corporation of Ohio. Filed Sept. 11, 1918, Serial No. 253,632. Renewed July 31, 1925. 22 Claims. (Cl. 262—9.)



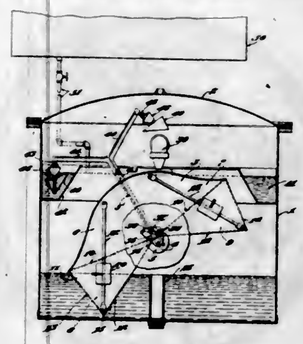
12. In a machine of the class described, the combination with cutting mechanism adapted to form a kerf in the mine wall, of a conveyor adapted to follow in the path of said cutting mechanism, a system of coal engaging devices movable with said conveyor into proximity with the coal above said kerf, and means to actuate said devices to cause them to engage the coal and dislodge it onto said conveyor.

1,575,432. INVISIBLE PIPE FASTENER. SIMEON B. LEWIS, Bloomfield, Mo. Filed Dec. 22, 1923. Serial No. 682,255. 2 Claims. (Cl. 285—12.)



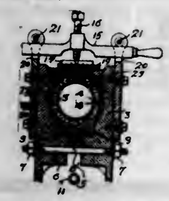
2. Means for holding pipe sections together comprising a bracket having a hole therein, fastened to the inner wall of the elbow section, a bolt passing through the hole, a turn buckle engaging the bolt, a rod having a hook at one end and its other end threaded to engage the other end of the turn buckle, a flue engaging member having openings therein for receiving the hook, means on the said member for engaging the flue end of the last section for holding it in the flue, a T-nut carried by the bolt, a rod having a threaded end engaging the same, a turn buckle on the other end of said rod, a cross piece in the second section and a bolt carried thereby and engaging the turn buckle.

1,575,433. DENATURING MACHINE. FRANK E. LICHTENTHAELER, Newton Highlands, Mass. Filed Feb. 14, 1924. Serial No. 692,697. 5 Claims. (Cl. 221—96.)



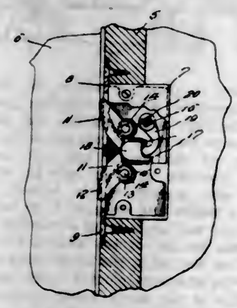
4. A denaturing machine having, in combination, a tank, a double bucket tipping trough, each bucket being provided with a substantially closed air pocket dash pot contrivance having a small liquid admitting opening, a supply pipe for discharging alcohol into the trough, means for maintaining such a level of liquid in the tank that the air pocket contrivance strikes the liquid in the tank and deliberately brings the tipping trough to rest at the end of each tipping movement.

1,575,434. RETREADING AND VULCANIZING APPARATUS FOR TIRES. ALBERT MATTHEWS, VICTOR ST. CLAIR MALLEY, and HENRY WILLIAM RAWLEY, Brighton, England. Filed Nov. 14, 1924. Serial No. 749,905. 2 Claims. (Cl. 18—18.)



1. In a tire vulcanizer, a tire receiving mould having spaced side portions, means for applying pressure to a tire disposed within said mould comprising a member bridging the side portions of said mould and carrying a clamp screw for applying said pressure, and means slidably connecting said member with the side portions of said mould to permit correct positioning of said clamp screw with respect to a tire disposed within the mould.

1,575,435. WINDOW LOCK. MARK K. MAYNARD, Colton, Wash. Filed Jan. 21, 1924. Serial No. 687,538. 1 Claim. (Cl. 292—45.)



A window lock comprising a casing, guide plates located therein, a head mounted for sliding movement between the guide plates, jaws pivotally mounted in the casing and having end portions passing through the side of the same and having inner end portions engaging the head, springs coiled around the pivots of the jaws and engaging the guide plates and the jaws and a shaft journaled in the casing and having a finger engaging the head.

1,575,436. METHOD AND MEANS FOR USING LOW-COMPRESSION FUELS. THOMAS MIDGLEY, Jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Sept. 18, 1923. Serial No. 663,494. 4 Claims. (Cl. 44—9.)

1. A composition of matter comprising a low compression fuel; and a volatile selenium compound incorporated therein and adapted to increase the critical compression pressure of the fuel.

1,575,437. METHOD AND MEANS FOR USING LOW-COMPRESSION FUELS. THOMAS MIDGLEY, Jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Sept. 18, 1923. Serial No. 663,495. 4 Claims. (Cl. 44—9.)

1. A composition of matter comprising a low compression fuel; and a volatile tellurium compound incorporated therein and adapted to increase the critical compression pressure of the fuel.

1,575,438. METHOD AND MEANS FOR USING LOW-COMPRESSION FUELS. THOMAS MIDGLEY, Jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Sept. 18, 1923. Serial No. 663,496. 4 Claims. (Cl. 44—9.)

1. A composition of matter comprising a low compression fuel; and a volatile arsenic compound incorporated therein and adapted to increase the critical compression pressure of the fuel.

1,575,439. METHOD AND MEANS FOR USING LOW-COMPRESSION FUELS. THOMAS MIDGLEY, Jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Sept. 18, 1923. Serial No. 663,497. 2 Claims. (Cl. 44—9.)

1. A composition of matter comprising a low compression fuel; and volatile antimony compound incorporated therein and adapted to increase the critical compression pressure of the fuel.

1,575,440. METHOD AND MEANS FOR USING LOW-COMPRESSION FUELS. THOMAS MIDGLEY, Jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Sept. 18, 1923. Serial No. 663,498. 4 Claims. (Cl. 44—9.)

1. A composition of matter comprising a low compression fuel; and a volatile phosphorous compound incorporated therein and adapted to increase the critical compression pressure of the fuel.

1,575,441. METHOD AND MEANS FOR USING LOW-COMPRESSION FUELS. THOMAS MIDGLEY, Jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Sept. 18, 1923. Serial No. 663,499. 4 Claims. (Cl. 44—9.)

1. A composition of matter comprising a low compression fuel; and a volatile cadmium compound incorporated therein and adapted to increase the critical compression pressure of the fuel.

1,575,442. METHOD AND MEANS FOR USING LOW-COMPRESSION FUELS. THOMAS MIDGLEY, Jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Sept. 18, 1923. Serial No. 663,500. 2 Claims. (Cl. 44—9.)

1. A composition of matter comprising a low compression fuel; and a volatile bismuth compound incorporated therein and adapted to increase the critical compression pressure of the fuel.

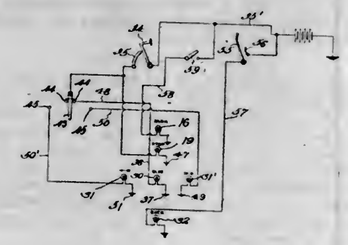
1,575,443. METHOD AND MEANS FOR USING LOW-COMPRESSION FUELS. THOMAS MIDGLEY, Jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Sept. 18, 1923. Serial No. 663,501. 8 Claims. (Cl. 44—9.)

1. A composition of matter comprising a low compression fuel; and a volatile titanium compound incorporated therein and adapted to increase the critical compression pressure of the fuel.

1,575,444. METHOD AND MEANS FOR USING LOW-COMPRESSION FUELS. THOMAS MIDGLEY, Jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Sept. 18, 1923. Serial No. 663,502. 4 Claims. (Cl. 44—9.)

1. A composition of matter comprising a low compression fuel; and a volatile tin compound incorporated therein and adapted to increase the critical compression pressure of the fuel.

1,575,445. AUTOMATIC SIGNAL. JAMES M. MILLER, Washington, D. C., assignor to Miller Automatic Signal Light Company, Washington, D. C., a Corporation of Delaware. Filed Feb. 13, 1922. Serial No. 536,265. 5 Claims. (Cl. 177—339.)



1. A signal for motor vehicles comprising a controlling element operated from the brake mechanism of the vehicle, electrically operated right and left directions signals included in normally open circuits, a switch arranged in said circuits, means operated from said controlling element for closing said switch, and a switch mechanism actuated from the steering mechanism of the vehicle for completing the circuit through the first mentioned switch to selectively operate the direction signals for the purpose specified.

1,575,446. DIRECTION-INDICATOR SWITCH. JAMES M. MILLER, Washington, D. C., assignor to Miller Automatic Signal Light Company, Washington, D. C., a Corporation of Delaware. Filed Aug. 23, 1922. Serial No. 583,875. 2 Claims. (Cl. 200—59.)



1. A switch attachment for use in direction signalling for motor vehicles comprising the combination with the steering column of the steering mechanism of the vehicle, a steering rod wheel, and a toothed wheel carried by said steering wheel and operating when the steering wheel is shifted to take up lost motion prior to steering, of a switching mechanism supported from said column in proximity to said steering wheel and including a pivoted circuit opening and closing member having an inset upper end permanently engaging with said toothed wheel whereby said member is shifted to circuit closing position when the steering wheel is actuated to take up lost motion.

1,575,447. VENTILATING APPARATUS. CHARLES A. MOORE, St. Paul, Minn. Filed Mar. 18, 1924. Serial No. 700,061. 4 Claims. (Cl. 98—27.)

4. The combination with a room and a fan therein having radial blades, each uniformly pitched from end to end thereof, of an air ingress conduit opening adjacent to one side of said fan and embracing a portion only of the area thereof, and an air egress conduit opening adjacent to the other side of said fan and em-



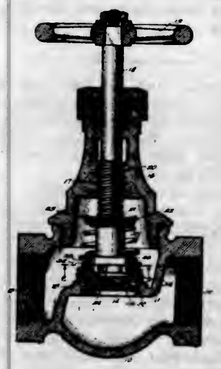
bracing a portion of the area thereof offset from that portion of the area of the opposite side of the fan embraced by the opening of said ingress conduit.

1,575,448. PIPE AND NUT WRENCH. DOWLING CLEMENTS MORRIS and JOHN WILLIAM PALMER, Chattanooga, Tenn. Filed May 31, 1923. Serial No. 642,585. 1 Claim. (Cl 81—77.)



In a wrench, a shank, a rider, the shank and the rider being provided with cooperating jaws, a keeper secured to the rider and receiving the shank slidably, thereby to mount the rider on the shank for reciprocation longitudinally of the shank, one side portion of the keeper being provided with an opening located entirely within said side portion of the keeper, and a latch hinged to the keeper and adapted to fit in the opening, the free end of the latch being outwardly distorted beyond said side portion of the keeper, to facilitate the manipulation of the latch, the latch being provided upon each side of its distorted portion, with projections, and the inner edge of the shank being provided with seats wherewith the projections cooperate to hold the rider in adjusted positions longitudinally of the shank.

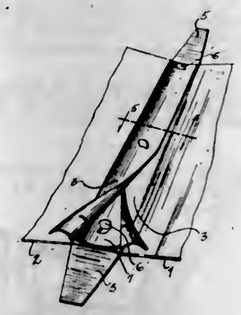
1,575,449. VALVE. SCON L. MOZIAN, New York, N. Y. Filed July 12, 1923. Serial No. 651,145. 1 Claim. (Cl. 251—38.)



In a valve, a casing having a seat, a valve stem axially movable with respect to the seat upon rotation within the casing, a valve plug carried by the stem, and means of connection between the plug and stem to permit of

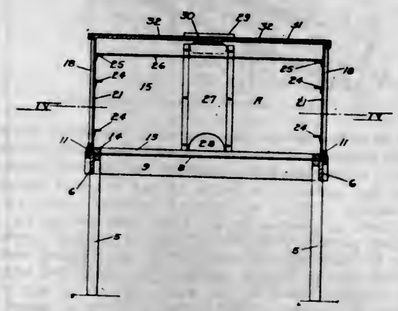
a limited relative axial movement therebetween when the plug is in engagement with the seat, said means of connection comprising an interiorly threaded axially recessed portion in the plug at the opposite side from its face, a sleeve threadedly engaged in said recess and having longitudinal diametrically disposed slots, the end of the stem extending into said sleeve and provided with radially projecting shoulders engaging in said slots, a spring seat on the stem and a coiled expansion spring having its opposite ends respectively engaging the spring seat and valve plug for normally projecting the plug from the end of the stem, said spring seat being axially adjustable on the valve stem for regulating the tension of the spring.

1,575,450. RING-BOOK COVER. GEORGE WASHINGTON NEWMAN, Chicago, Ill., assignor to Wilson-Jones Loose Leaf Company, a Corporation of Massachusetts. Filed Apr. 14, 1924. Serial No. 706,397. 6 Claims. (Cl. 129—24.)



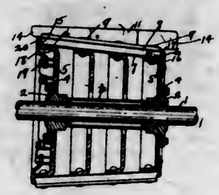
6. In a ring book, a pair of flexible cover members having their adjacent margins arranged in overlapping relation, and a back piece having its margins respectively secured to said cover members beyond said overlapping margins and having end flaps for the purpose set forth.

1,575,451. KNOCKDOWN COOKING STOVE. JOSEPH J. SCHEIB, Pittsburgh, Pa. Filed Oct. 2, 1924. Serial No. 741,148. 5 Claims. (Cl. 126—39.)



1. A knock-down stove including end walls and side walls, interlocking sliding joints along the vertical edges of the side and end walls, a bottom plate having means thereon for holding the side and end walls in position thereon, an upper plate removably supported by the walls below the top thereof in spaced relation to the bottom one, said space forming an oven, one of said walls having a door thereon, and a removable top plate having burner openings therein supported above the side and end walls.

1,575,452. PULVERIZER BEATER. WILLIAM H. SHAVE, Erie, Pa., assignor, by mesne assignments, to Erie City Iron Works, a Corporation of Pennsylvania. Filed June 23, 1922. Serial No. 570,445. 8 Claims. (Cl. 83—11.)



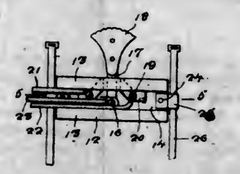
1. In a pulverizer beater, the combination of a rotary carrier having a conical periphery; blade supporting bars having parallel walls and undercut portions secured to the carrier and forming tapered blade securing grooves; and blades having bases extending under the undercut portions of the bars, the blades being tapered.

1,575,453. SEWING-MACHINE ATTACHMENT. ARTHUR SHUTZER, Boston, Mass. Filed Feb. 7, 1924. Serial No. 691,130. 9 Claims. (Cl. 112—153.)



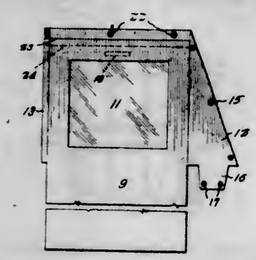
1. In combination with a sewing machine, an attachment for guiding three relatively wide heavy portions of a coat to a sewing machine needle, comprising a relatively long bridge bar provided with supports at its ends for holding the bar spaced sufficiently from the base of the sewing machine to permit the passage of one relatively wide sheet of material under the bar to the needle while a second relatively wide sheet of material lying over the first is supported by the bridge bar in spaced relation to the first sheet, guides for the adjacent edges of said sheets, and a guide for guiding the opposite marginal edge of a wide sheet of sheepskin between said sheets so that the three sheets are sewed together with the marginal edge of the sheepskin extending between the marginal edges of the other two sheets.

1,575,454. SWITCH. JULIAN K. SMITH, Cleveland, Ohio. Filed Aug. 5, 1924. Serial No. 730,269. 2 Claims. (Cl. 200—59.)



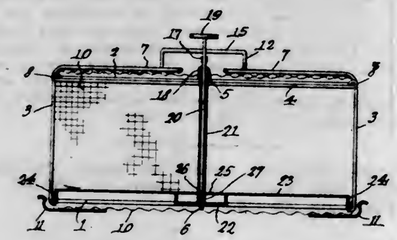
1. The combination with an automobile steering wheel, of an electric switch comprising a base block formed of insulating material and provided with spaced parallel ribs defining a central channel, one of said ribs having a longitudinally disposed slot therein, a switch arm extending through the slot and having its inner end pivotally secured within the channel, spaced contacts secured within the channel upon opposite sides and in the path of the arm and means for securing the switch to the steering wheel whereby the latter will bridge the space between the ribs and provide a cover for the channel.

1,575,455. AUTOMOBILE CURTAIN. RAYMOND D. SNYDER, Souderton, Pa. Filed Jan. 31, 1925. Serial No. 6,132. 2 Claims. (Cl. 296—139.)



1. In combination with an automobile body having a top and provided with doors of hollow form, and wherein the doors have horizontal spring rollers journaled in the lower portions thereof and are provided with open tops covered by hinged lids, flexible side curtains associated with said rollers and movable through the tops of the doors, said curtains having flaps upon the forward edges of the upper portions thereof foldable upon the body portion of the curtain when the latter are to be lowered into the doors, and further flaps in the forms of open ended curtain rod receiving hems upon the rear edges of the upper portions of the curtains, and means to detachably connect the upper ends of the curtains to the automobile top the adjacent vertical edges of the curtains being unconnected, said curtains being slit horizontally near their upper edges from their rear vertical edges to points spaced from but adjacent their front vertical edges.

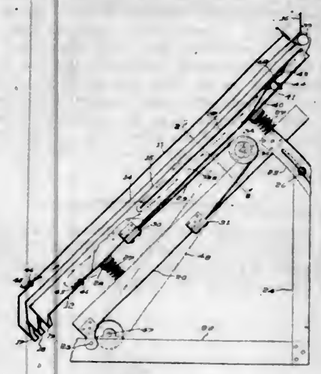
1,575,456. FOWL AND ANIMAL TRAP. ABRAM GREEN SPARKS, Booneville, Miss. Filed Oct. 21, 1925. Serial No. 63,925. 3 Claims. (Cl. 43—61.)



1. A trap comprising a casing, a plunger mounted for vertical movement in the casing, intermediate the ends thereof, a tread plate cooperating with the plunger, a head on the plunger, a trigger fulcrumed intermediate its ends on the top of the trap and extended beneath the head, spring-closed doors hinged to the trap and adapted to be opened upon the top of the trap, and a latch hinged to the casing and overhanging the door when the door is opened, the latch being engaged by the trigger.

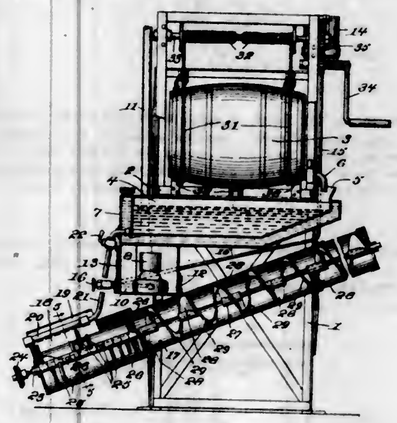
1,575,457. SCREEN. ALBERT H. STEBBINS, Los Angeles, Calif. Filed Mar. 6, 1925. Serial No. 13,442. 6 Claims. (Cl. 209—34.)

1. In a screen, in combination, a closed casing supported at an inclination in the direction of its length, a partition in the casing below the screening surface and extending from the upper end of the casing lengthwise thereof a substantial distance to provide an air chamber below the partition, and means for exhausting air from the upper end of said chamber to draw the dust laden air within the casing upward through said chamber in



opposition to the force of gravity to cause the heavier particles carried upwardly by the air to settle in the chamber and slide downwardly therein.

1,575,458. MIXER. WILLIAM J. STONESIFER, Keymar, Md. Filed Mar. 12, 1923. Serial No. 624,538. 2 Claims. (Cl. 99—2.)

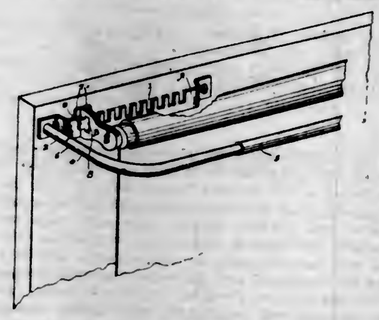


2. A device of the class described comprising an elevated structure, a platform thereon for holding a container, a tank below the platform for receiving material from the container, a jacket around the tank adapted to contain a liquid, an inclined conveyor casing below the tank, an opening in the lower part thereof for receiving chopped material, a pipe for leading material from the tank into the lower part of the conveyor casing, a shaft passing through the conveyor casing and beaters and conveyor parts on the shaft for mixing and conveying the materials, said conveyor being composed of solid parts and open parts.

1,575,459. SUPPORT FOR WINDOW AND DOOR CURTAINS. CHARLES A. STORTS, Marion, Ind. Filed Oct. 12, 1922, Serial No. 594,063. Renewed Oct. 24, 1925. 2 Claims. (Cl. 156—24.)

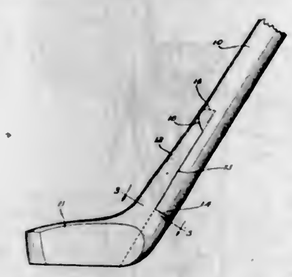
2. A support including a notched plate, and a bracket made of a single piece of metal doubled together in the

center and having the ends thereof bent outwardly to form flanges, said bracket having slots cut in the sides thereof and having tongues bent outwardly from said



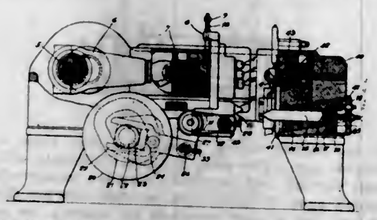
slots, the flanges and tongues being spaced apart and having a notch therebetween in the lower edge of the bracket for receiving the notched supporting plate.

1,575,460. GOLF CLUB. CHAIS SUNTER, Yonkers, N. Y. Filed June 20, 1925. Serial No. 38,544. 2 Claims. (Cl. 273—80.)



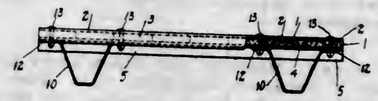
1. A golf club, which comprises a head and a shaft and a stem on said head having a tapered upper end, the shaft having an under-cut recess in which the tapered upper end of the head is adapted to lie to prevent lateral relative movement therebetween, the shaft having a dovetail tongue on its lower end adapted to lie in a correspondingly shaped groove in the head to lock the head and the shaft together.

1,575,461. CENTERING AND LOCKING MEANS FOR THE PUNCHES IN RIVET AND FORGING MACHINES. SVENING HILMER SVENSSON and KARL OSKAR ENOKVIST, Bofors, Sweden, assignors to Aktiebolaget Bofors, Bofors, Sweden. Filed May 8, 1923. Serial No. 637,604. 3 Claims. (Cl. 10—12.)



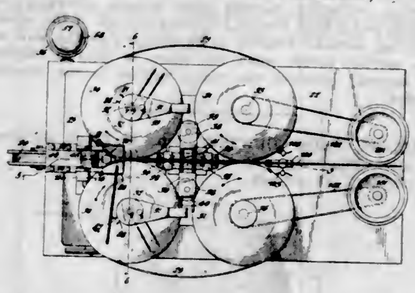
1. In punching machines the combination of a slide, a number of punches mounted on the slide a gate carrying the slide for reciprocating the same in the punching direction, a die for the blank to be punched, a shifting mechanism for giving the slide such an intermittent motion so that the punches in their proper turns are brought in alignment with the die, means for accurately adjusting and locking the slide in each separate punching position, said means consisting of two lock members, one of these members consisting of a bolt, a housing which does not take part in the adjusting movement of the slide, said bolt being adjustably fitted in said housing so as to be pressed inwardly in this latter when the slide is moved towards the die, the other lock member being mounted on the slide and means, whereby the lock members are brought out of engagement with each other automatically, only on account of the movement of the gate with the slide rearwardly to a certain degree.

1,575,462. PLATFORM. WILLIAM STUEBING, Cincinnati, Ohio. Filed Oct. 18, 1920. Serial No. 417,734. 10 Claims. (Cl. 248—41.)



5. A portable skid, for use with a lifting truck, comprising a rigid floor and spaced legs, said floor comprising a number of transversely extending boards and longitudinally extending angle bars at both sides of the skid running along the under sides of the boards, each angle bar having a horizontal flange engaging the boards and secured thereto and a vertical flange arranged to stiffen the horizontal flange, the legs being secured to the angle bars, the vertical flanges of the angle bars lying between the legs and serving as guides for the lifting truck to protect the legs when the lifting truck is introduced beneath the skid.

1,575,463. MACHINE FOR MAKING INDEX TABS. RALPH F. TABER, North Tonawanda, N. Y., assignor to Rand Company, Inc., North Tonawanda, N. Y., a Corporation of New York. Filed Aug. 9, 1923. Serial No. 656,500. 29 Claims. (Cl. 93—1.)

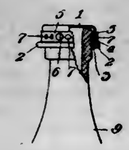


9. A machine for making index-tabs of the character described, comprising a supporting frame, means for guiding a tab-forming strip through the machine, means for folding said strip lengthwise upon itself, and means for subjecting the fold of said strip to heat.

1,575,464. AIR-TIGHT CAP FOR VESSELS. IZO TAMURA, Osaka, Japan. Filed Jan. 6, 1925. Serial No. 888. 1 Claim. (Cl. 215—40.)

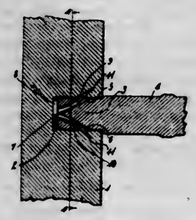
The combination with a receptacle having a mouth provided on its outer surface with an annular groove, of a cap fitting over said mouth and including a disk provided with a depending skirt, said skirt having its lower edge bent to form an annular pocket, a resilient ring having its outer edge arranged in said pocket and

adapted to lie between the outer surface of the receptacle mouth and the inner surface of the skirt of the cap and to enter said groove, said skirt being provided with a circumferential series of apertures, and a sealing band arranged around the skirt of the cap and having pro-



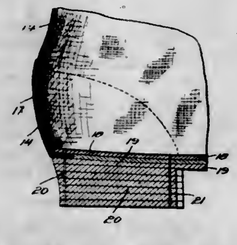
jections extending through the apertures of the cap and engaging the resilient ring for forcing the latter into said groove, said band being provided with a tongue adapted to be grasped by the operator for unsealing the receptacle.

1,575,465. MORTISE AND TENON JOINT LOCK. JOHN V. THOMPSON, High Point, N. C. Filed May 2, 1925. Serial No. 27,436. 3 Claims. (Cl. 20—92.)



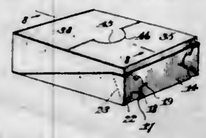
1. Means for locking the members of a mortise and tenon joint in assembled relation, comprising a tenon having a plurality of recesses diverging outwardly from the end thereof a single metallic member having a leg portion extending through each of said diverging recesses, and a head portion overlying the end of the tenon, said leg portions adapted to be driven into the wall of the mortise socket when the tenon is inserted therein to securely interlock the tenon member in the mortise socket.

1,575,466. SHOE COUNTER. JOHN L. TYLER, Gadsden, Ala. Filed Apr. 22, 1925. Serial No. 24,952. 2 Claims. (Cl. 36—68.)



1. In a shoe counter, a cover member adapted to be disposed at the rear of a shoe above a heel, and an internal member of substantially the configuration of the cover member adapted to nest within said cover member independent of said cover member to clamp a portion of a shoe upper therebetween and for securing said members in assembled relation in a shoe.

1,575,467. DISPLAY CONTAINER. ALBERT MILLER VAN WAGENEN, Jr., Norwich, Conn. Filed Oct. 20, 1924. Serial No. 744,724. 4 Claims. (Cl. 206—44.)



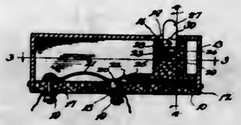
4. In combination with a container, means for supporting the container in display position, said means comprising a base member formed integral with the container, side walls formed integral with said base member, an end wall formed integral with said base member, separable interlocking means for maintaining the end wall and the side walls in right-angular relation to receive the container, and means for changing the position of the end wall with respect to the side walls, whereby the end wall will be disposed at a point beneath the container to support the same in display position.

1,575,468. EMBROIDERY. JACOB D. VOSS, Chicago, Ill., assignor of forty one-hundredths to Serge Wry, Chicago, Ill. Filed Aug. 7, 1925. Serial No. 48,696. 3 Claims. (Cl. 41—31.)



1. The art of making beaded embroidery on fabrics comprising applying a ribbon of adhesive material to outline the design, covering the ribbon outline with powdered coloring material, allowing the ribbon outline to dry, filling in the space within the outline with a plastic adhesive foundation material, applying a colored surface coating to the foundation, and applying a layer of glass beads to the adhesive foundation.

1,575,469. ELECTRIC SWITCH. EDWIN WATERBURY, Caldwell, N. J. Filed Jan. 27, 1923. Serial No. 615,250. 2 Claims. (Cl. 200—165.)



2. An electric switch including a base block, spaced terminals carried thereby, a contact normally closing a circuit through said terminals, a switch member slidably mounted upon the block and movable between the contact and one of said terminals for opening the switch, a cover carried by the block to house said member, said member being provided with a recess, an operating knob slidable in said recess and projecting through the cover, and a spring bearing between a wall of the recess and

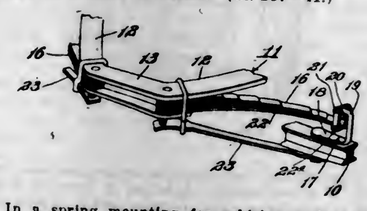
said knob yieldably pressing the knob against the cover for locking the switch member at the end of its throw in opposite directions.

1,575,470. TUNNEL KILN. HERMAN W. WEBER, Maplewood, and ARMIN O. SCHLEIFFARTH, St. Louis, Mo., assignors to Russell Engineering Company, St. Louis, Mo., a Corporation of Missouri. Filed Nov. 27, 1925. Serial No. 71,688. 11 Claims. (Cl. 25—142.)



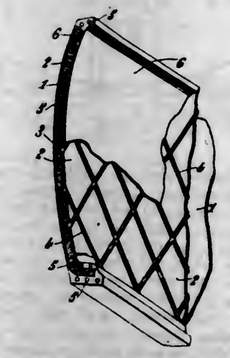
1. A tunnel kiln provided with a preheating zone, a flue arranged transversely across the top wall of said zone and provided with an inlet through which hot air and products of combustion can pass from said zone into said flue, a fan at one end of said flue for inducing a circulation longitudinally of same, and a vertical flue at the side wall of the preheating zone connected with the discharge of said fan and provided with a port through which the hot air and products of combustion are returned to the lower portion of the preheating zone.

1,575,471. SPRING DEVICE FOR VEHICLES. WALTER H. WEINRICH, Pueblo, Colo. Filed Apr. 9, 1925. Serial No. 21,895. 3 Claims. (Cl. 267—41.)



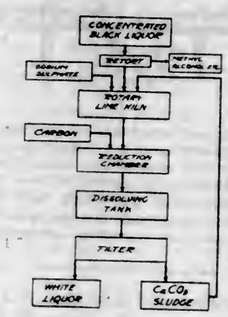
1. In a spring mounting for vehicles, a frame, rearwardly diverging springs having their butt ends secured to the frame, an axle arranged beneath the rear ends of the springs, the rear ends of the main leaves of each spring being disposed at an angle to the body of the spring and extending longitudinally of the axle and a perch carried by the axle adjacent each spring and connected with the angular end of the main leaf of the associated spring.

1,575,472. MOLDED PRODUCT AND PROCESS FOR ITS MANUFACTURE. ROBERT AUGUSTE LOUIS WEITZEL, Paris, France. Filed Sept. 26, 1924. Serial No. 740,149. 11 Claims. (Cl. 18—48.)



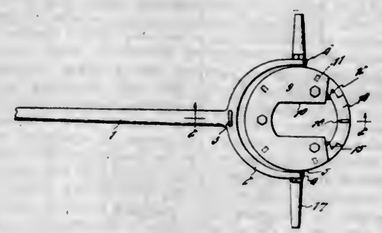
1. A molded product of the class specified, comprising an outer fibrous layer, a layer of cork material, and a layer of fibrous material similar to the first layer, all of these components being agglomerated by a binding medium applied to the outer layer of fibrous material and securing the remaining layers to the outer layer when hardened.

1,575,473. REGENERATION PROCESS FOR BLACK LIQUOR. ALFRED H. WHITE, Ann Arbor, Mich., assignor to John E. Alexander, Port Edwards, Wis., and E. G. Goodell, Stevens Point, Wis., trustees. Filed Dec. 26, 1924, Serial No. 758,147. Renewed Nov. 6, 1925. 3 Claims. (Cl. 23—48.)



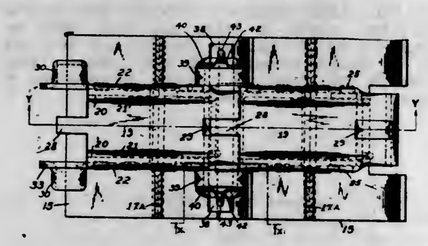
3. The process of regenerating black liquor from the sulphate pulp process which includes subjecting the concentrated black liquor to destructive distillation, calcining the resultant solid residue together with calcium carbonate to form a mixture of calcium oxide, sodium carbonate and sodium sulphate causing this calcined residue to react with carbonaceous material at a temperature above 300° C. but below 900° C. in the absence of air until the sulphate is reduced and leaching to recover the soluble sodium salts.

1,575,474. WRENCH. FREDERICK A. WHITE, Pleasantville, Pa. Filed Aug. 25, 1924. Serial No. 734,099. 1 Claim. (Cl. 81—119.)



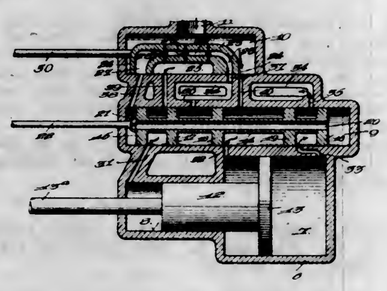
In a wrench, the combination of a yoke frame, a ring head swiveled thereon having an opening in one side thereof and having its ends provided with wedge notches, a flanged ring member on the lower face of the head and in contact with the inner periphery thereof, said ring member having an opening through one side thereof, a jaw plate having an opening therethrough removably secured to the ring member, roller bearings between the jaw plate, the ring member and the head, a segmental bridge plate having wedge-shaped ends received in the wedge-shaped notches of the head, and a handle on the bridge plate.

1,575,475. SHEET-METAL TRACK-BELT UNIT. ROLLIN H. WHITE, Cleveland Heights, Ohio, assignor to The Cleveland Tractor Company, Euclid, Ohio., a Corporation of Ohio. Filed May 5, 1922. Serial No. 558,721. 9 Claims. (Cl. 305—10.)



5. A track belt unit comprising a shoe plate, and a rail member formed from a sheet metal blank bent to provide a rail plate having side flanges, rail sides depending from said rail plate flanges and secured to said shoe plate, a forwardly extending loop, and struts bent up from the sides of said loop to extend between and engage said rail plate sides and said depending rail sides to support said rail plate.

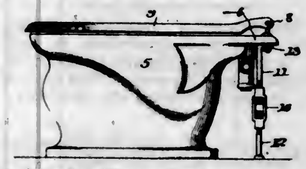
1,575,476. ENGINE. CHARLES LEE COOK, Louisville, Ky. Filed June 10, 1921. Serial No. 476,506. 3 Claims. (Cl. 121—105.)



1. In an expansible fluid operated engine, the combination with a cylinder member having a pair of piston chambers of different diameters and valve chamber, of a piston member comprising a disk of large diameter in the larger piston chamber and a drum of smaller diameter connected to the disk and operating in the smaller piston chamber, a distributing valve in one of the valve chambers for directing motive fluid alternately against opposing faces of the piston, a converting valve in the other chamber, and ports connecting the different chambers and controlled by the converting and distributing valves for either directing live motive fluid simultaneously to correspondingly disposed faces of the drum and disk and to the opposite face of the disk alternately, or to the face of the drum and exhausting it therefrom to the opposite face of the disk.

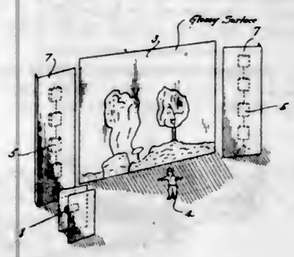
1,575,477. TOILET STOOL. FRANK B. DIXON, West Bend, Iowa. Filed Aug. 31, 1925. Serial No. 53,619. 1 Claim. (Cl. 4—252.)

In combination with a seat having a rearwardly extended lip formed with spaced openings, said openings having enlarged upper and lower portions, hinge shanks extending through the openings, cushioning members positioned within the enlarged portions of the openings and having openings to receive the hinge shanks, a securing device including leg members, each of the leg members comprising an upper and lower section, turn buckles for adjustably connecting the upper and lower sections, said upper sections having right angled end



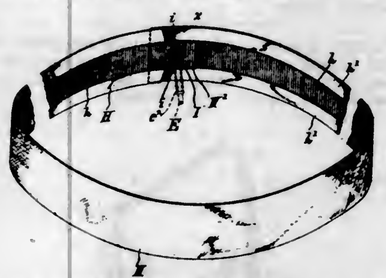
portions formed with openings to receive the hinge shanks, and means for securing the lower ends of the leg members to the floor.

1,575,478. METHOD OF PRODUCING COMPOSITE MOTION PICTURES. FERDINAND EARLE, Los Angeles, Calif. Filed June 3, 1925. Serial No. 34,553. 5 Claims. (Cl. 88—16.)



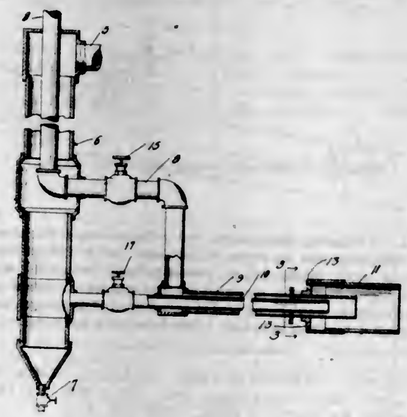
1. A process of photographing motion pictures which consists in posing objects or actors in front of a background comprising a glossy surface having objects delineated thereon, illuminating said surface by light at an extremely shallow angle, and photographing the composite scene.

1,575,479. TIRE FLAP. JULES HAUVETTE-MICHELIN, New Brunswick, N. J. Filed May 12, 1925. Serial No. 29,769. 6 Claims. (Cl. 152—20.)



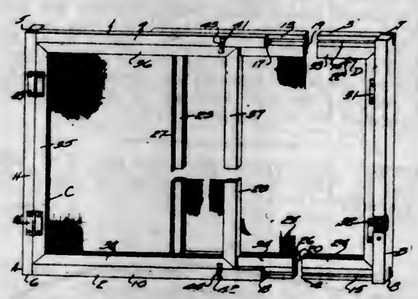
5. In a pneumatic tire, the combination with an inner tube and a valve stem therefor having flattened sides, and a curved bridge carried by said valve stem, of a flap, composed of a strip of flexible material thickened in its centre and tapering in thickness towards the sides, the said sides being cut away at one end to leave a central tongue, and said tongue and the opposite end of the strip being provided with metal eyelets, adapted to slip over said valve stem, one of said eyelets having an elongated opening therein, the side walls of said opening being parallel to each other to engage the flat side walls of said valve stem, and said bridge being adapted to project between said eyelets and the inner tube, substantially as and for the purposes described.

1,575,480. OIL BURNER. OSCAR H. HERMAN, Council Bluffs, Iowa. Filed Oct. 11, 1922. Serial No. 593,751. 1 Claim. (Cl. 158—75.)



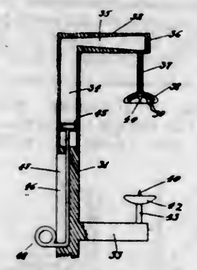
A burner of the class described comprising a vertically disposed casing of relatively large girth, a steam pipe depending into said casing and extending outwardly through the side of the casing intermediate the ends of the latter, the lower portion of the steam pipe outwardly of the casing being offset, a fuel supply pipe extending laterally from the casing below that portion of the steam pipe located within the casing, said fuel supply pipe entering said steam pipe at a point spaced from the casing, a control valve for the steam pipe located outwardly of the casing and steam pipe, and a control valve for the fuel pipe on said offset portion.

1,575,481. ADJUSTABLE WINDOW SCREEN. ALFRED C. HERTZ, New York, N. Y. Filed Oct. 7, 1924. Serial No. 742,206. 2 Claims. (Cl. 156—38.)



1. An adjustable screen comprising a pair of vertical end bars, each carrying a pair of vertically spaced extensors, each extensor being transversely imperforate, the overlapping extensors at the top terminating flush in the same plane, and likewise the two overlapping extensors at the bottom terminating flush in the same plane; means for slidably joining the top extensors in overlapping relation and the bottom extensors in overlapping relation, one hinged section of screening having a frame corresponding substantially with the planes of one pair of extensors and being hinged to their upright bar and a second hinged screen section having a frame corresponding substantially with the planes of the other pair of extensors, and being hinged to the corresponding upright bar.

1,575,482. COOLING DEVICE. FRANK HILLS, Long Island City, N. Y. Filed Feb. 25, 1925. Serial No. 11,402. 3 Claims. (Cl. 62—131.)



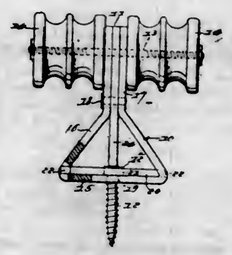
1. In an air cooling and filtering system, a blower, a cooling coil connected to said blower, a filtering funnel connected to said coil, an air saturater comprising a sponge adapted to be moistened, a pedestal supporting said sponge, said pedestal having a hollow portion therein adapted to be filled with liquid, an upper and a lower arm extending sidewise from the pedestal, the upper arm being hollow, a platform on the lower arm supporting said sponge, and movable means in said pedestal for forcing the water thru the upper arm into said sponge.

1,575,483. JOINT BREAKER. FRANK J. HINDERLITER, Tulsa, Okla. Filed Oct. 5, 1923. Serial No. 666,708. 8 Claims. (Cl. 255—35.)



1. In a joint breaker, an arcuate rack, an adjustable abutment thereon, a support upon said rack, a screw threaded bearing carried by said support and arranged at an angle thereto, a screw threaded jack shaft supported in said bearing and adapted for engaging substantially at right angles a wrench pivotally anchored at the center of the arc defined by said rack, when the applied force is substantially at a maximum.

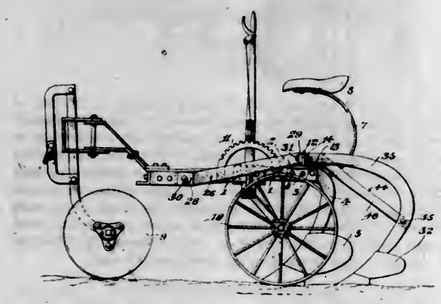
1,575,484. INSULATOR BRACKET. HARRY E. HOENIG, East Liverpool, Ohio. Filed Dec. 5, 1922. Serial No. 605,022. 4 Claims. (Cl. 173—321.)



1. An insulator bracket having a base and stem consisting of a folded blank of strap metal, the base being perforated for the shank of a lag screw, and a wrench plate secured to the base and having a seat for the head of said screw.

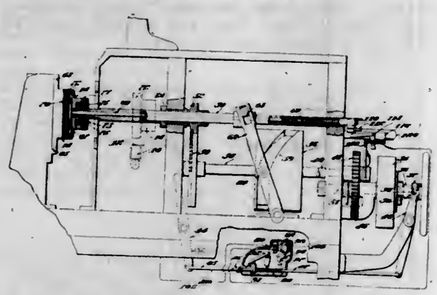
8. An insulator bracket having a base and stem consisting of a folded blank of strap metal and carrying an insulator pin, a lag screw extending through an opening in the base, a wrench plate carried by the base and having a seat for engaging the lag screw head to prevent rotation of the latter, and a retainer for maintaining the lag screw head in seated relation with the wrench plate.

1,575,485. LISTER ATTACHMENT. WILLIAM J. HOLMAN, Hugoton, and GEORGE L. HAYWARD, Rolla, Kans. Filed Aug. 14, 1925. Serial No. 50,280. 2 Claims. (Cl. 97—112.)



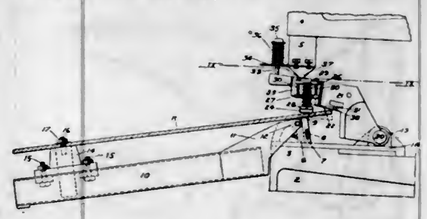
1. A lister attachment for the purpose set forth comprising a combined extension and coupling element adapted to be positioned against and project rearwardly from the back of the frame of the lister with which the attachment is associated, said element of a length to project from each side of such frame, means for detachably connecting said element to said frame, a plurality of spaced beams connected at their forward ends to and projecting rearwardly and downwardly from said element, a plow carried by the rear end of each of said beams and arranged in paced relation rearwardly and laterally with respect to the plows of the lister, and rearwardly and downwardly extending brace elements interposed between and connected at their rear ends to said beams and further having their forward ends connected to said combined extension and coupling element.

1,575,486. BOX-MAKING MACHINE. STANLEY R. HOWARD, East Milton, Mass., assignor to Pneumatic Scale Corporation Limited, Quincy, Mass., a Corporation of Massachusetts. Filed Aug. 20, 1925. Serial No. 51,397. 7 Claims. (Cl. 93—40.)



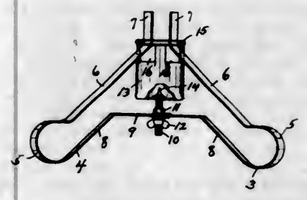
1. In a box making machine, in combination, box banding mechanism including a rotatable and reciprocatory box holding device, a die into which a box is delivered or is introduced by said device upon reciprocation thereof, and means operative when an abnormal accumulation of boxes takes place within the die for preventing reciprocation of said box holding device.

1,575,487. FLANGING MACHINE. JOHN HUBER, Chicago, Ill. Filed Sept. 6, 1923. Serial No. 661,243. 17 Claims. (Cl. 153—16.)



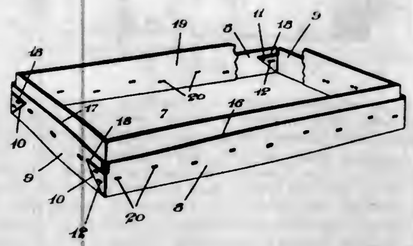
1. In flanging mechanism, the combination with a supporting base and an upper reciprocable power driven head, of an anvil block, and a pressing head connected with the upper head and mounted on the support between the anvil block and reciprocable head, said pressing head having a bending face and a blank holding portion.

1,575,488. CHRISTMAS-TREE HOLDER. JOHN JAKOBEY, East Youngstown, Ohio. Filed Feb. 10, 1925. Serial No. 8,127. 1 Claim. (Cl. 248—38.)



In a device of the class described, a support having four feet, four inclined members continuing therefrom and provided with four upturned tree holding arms, two horizontal members connecting the feet, an adjustable bolt passing through said horizontal members, a water cup secured to the upper end of said adjustable bolt, a sharp pointed element centrally located within said water cup, a plurality of openings in said cup for the reception of the inclined members, a circular ring or flange positioned at the top of said water cup and of said inclined members, means for adjusting the device and to allow for collapsing the same when not in use, substantially as described for the purpose set forth.

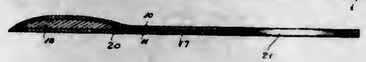
1,575,489. BOX. SAMUEL KOFF, New York, N. Y. Filed Nov. 19, 1921. Serial No. 516,425. 1 Claim. (Cl. 229—43.)



A box comprising tray-like bottom and top sections, a lining within the rim of the bottom section, and extending above said rim so that the top section fits thereon, and means securing said rim and lining together, said rim having upwardly-extending flaps extending the length

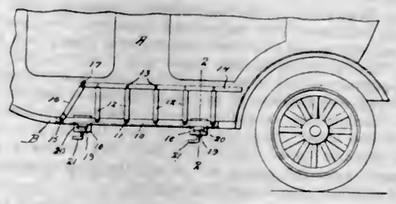
of the walls thereof to the corners of the box and disposed at the outer surfaces of said lining, and the rim of the top section passing between said lining and flaps when said top section is fitted over said lining.

1,575,490. FOOT SUPPORTING AND CORRECTING DEVICE. FREDERICK W. KREBS, Chicago, Ill., assignor of one-half to Rene C. Hanson, Chicago, Ill. Filed Feb. 4, 1924. Serial No. 690,373. 7 Claims. (Cl. 36—71.)



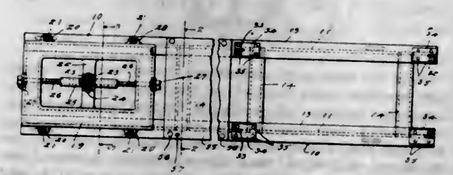
1. In a device of the class described, the combination of similar upper and lower walls of flexible material secured together intermediate their ends, there being a pocket between said walls at the front end thereof, and a friction passageway behind said pocket, an anchor strip engaging in said passageway, and a pad of yieldable material pivoted to said strip to be adjustable laterally in said pocket, said strip being adjustable longitudinally in said passageway, whereby to effect longitudinal adjustment of said pad.

1,575,491. ADJUSTABLE AND FOLDABLE LUGGAGE CARRIER. AUGUST H. KRUEGER, Luray, Kans. Filed Sept. 4, 1924. Serial No. 735,960. 1 Claim. (Cl. 224—29.)



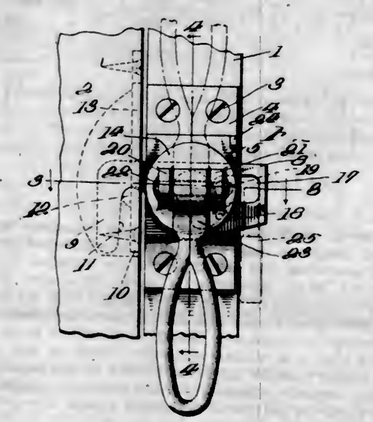
In combination with the running board of an automobile, a luggage carrier comprising, in combination, a plurality of U-shaped clamps straddling the free marginal portion of the running board at points spaced lengthwise thereof, each of the clamps being provided with a slot adjacent to the side member underlying the running board, the second side member of the clamp having direct contact with the running board from above, a set screw threaded through the under side member of each of the clamps, a guard rail structure, arms projecting laterally from the lower portion of said structure and disposed through the slot in the clamp, the set screws carried by the clamps being directly engageable with said arms to clamp said arms between the set screws and the running board and to hold the arms against lengthwise movement.

1,575,492. ADJUSTABLE BASE FOR POWER-PLANT UNITS. GERRARD C. LA MARSNA, Taft, Calif. Filed Apr. 5, 1923. Serial No. 630,117. 2 Claims. (Cl. 248—15.)



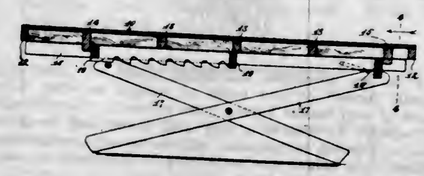
1. A support of the class described comprising an open frame, a bar carried by said frame and extending across the opening thereof, said bar at its terminals overlapping the under surface of said frame, and means on the frame to adjust the bar longitudinally of the frame to move an associated article.

1,575,493. DOOR LATCH. PHILIP LANG, Cedar Falls, Iowa, assignor to Wagner Manufacturing Company, Cedar Falls, Iowa. Filed Sept. 24, 1925. Serial No. 58,368. 8 Claims. (Cl. 292—104.)



1. A latch of the character described comprising an attaching member, a stub shaft carried thereby, a latch pivoted on said stub shaft, and a member pivotally mounted on the stub shaft, and having a lost motion connection with the latch, and a handle pivotally mounted on the member whereby the handle is at all times maintained in a downward vertical direction.

1,575,494. IRONING BOARD. FRANK ALBERT LAVENDIER, Pawtucket, R. I. Filed May 22, 1925. Serial No. 32,196. 2 Claims. (Cl. 68—10.)

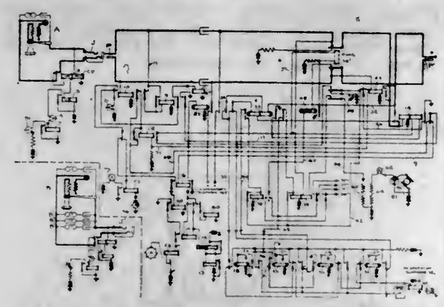


1. As an article of manufacture, an ironing board composed of a skeleton frame, and a cover of stiff sheet material secured thereto, said frame comprising longitudinal side bars and cross bars, the cross bars supporting said cover and including two bars adjacent the ends of the frame and of a depth to extend below the general plane of the under side of the frame.

1,575,495. MANUAL TELEPHONE SYSTEM. JOHN H. LEWIS, Jr., Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Aug. 30, 1920. Serial No. 406,944. 20 Claims. (Cl. 179—35.)

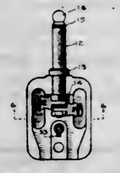
1. In a telephone system, a plurality of telephone lines and a plurality of circuits for connection therewith, a recording device common to a plurality of connection circuits, a controlling circuit having a portion thereof common to a plurality of said circuits, branches of said

controlling circuit, one of which is individual to each connection circuit, a marginal relay in each branch circuit, and means for preventing the operation of more than one relay at the same time.



3. In a telephone system, a calling telephone line, a called telephone line, a plurality of connective circuits with answering and calling connective switches, a relay operated when connection is made by means of the answering switch of a connective circuit with the calling telephone line, a recording device and a key common to a plurality of connective circuits and adapted to be associated with a particular connective circuit by said relay, and means operated after the closure of the calling connective switch to disassociate said key and recording device from the particular connective circuit.

1,575,496. RADIOPLUG. RAY H. MANSON, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 20, 1922. Serial No. 544,998. 8 Claims. (Cl. 173—361.)

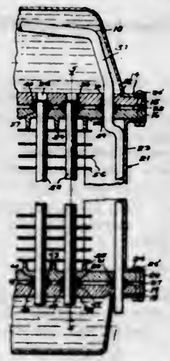


3. In an electrical connection plug, an insulating handle formed of two parts of molded material, both parts of said handle having holes extending therethrough in registry to receive a stay-cord, conducting members secured together in insulated relation extending from said handle, and means for connecting a conductor to each of said members.

4. In an electrical connection plug, a hollow handle composed of parts of insulating material, a hollow metallic body portion having shoulders to engage said handle, a rod extending through said body portion, a connection terminal engaging one of said shoulders to prevent rotation of said connection terminal with respect to said body portion, a second connection terminal in electrical engagement with said rod, and means for insulating said rod from said body portion.

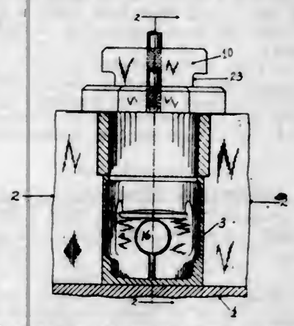
1,575,497. AUTOMOBILE RADIATOR. GUSTAVE E. MESCHKE, Medora, N. Dak., assignor of one-third to J. B. Chaussee and one-third to H. A. Mackoff, both of Dickinson, N. Dak. Filed Oct. 6, 1924. Serial No. 742,015. 1 Claim. (Cl. 257—129.)

In an automobile radiator, an upper tank, a bottom-plate for the same having openings and recesses leading into the openings, a lower compression-plate disposed near and beneath the bottom-plate and having openings and recesses leading into such openings, elastic washers having their upper and lower ends leading into said recesses, heat radiating and reinforcing ribs formed upon the lower compression-plate, a lower tank, a top-plate for the lower tank having openings and recesses leading into the same, an upper compression-plate having openings and recesses leading into the same, elastic washers having their upper and lower ends held within the last named recesses, heat radiating and reinforcing fins formed upon the upper compression-plate, tubes extending through the washers and provided at their upper ends



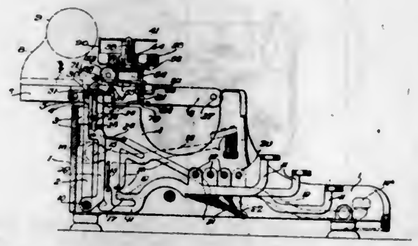
with outwardly projecting flanges engaging over the upper washers, side supporting members arranged between the upper and lower compression plates and having outwardly extending upper and lower flanges and outwardly bulging longitudinal recesses, bolts clamping the adjacent elements to the upper and lower flanges, and an overflow pipe extending through the bottom-plate and adjacent lower compression-plate and the top-plate and its adjacent upper compression-plate and having a part thereof arranged within the outwardly bulging recess of the adjacent side supporting member.

1,575,498. MULTIPART CORE. ALLEN B. NORTON, Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Feb. 29, 1924. Serial No. 695,901. 8 Claims. (Cl. 22—168.)



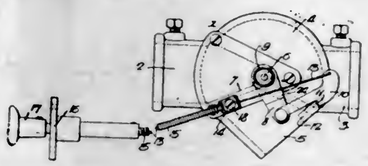
1. A five part core comprising two oppositely disposed side sections, each formed on its inner surface with a centrally located longitudinally extending raised portion and a boss recess in each side section extending into the said raised portion and being only slightly less in width and depth than the width and depth of the said raised portion, a center section between the said side sections extending on either side of the said raised portions, and two outer sections aligned with the said center section between the said side sections.

1,575,499. TYPEWRITING MACHINE. OTTO PETERMANN, Groton, N. Y., assignor to Corona Typewriter Company, Inc., Groton, N. Y., a Corporation of New York. Filed Oct. 21, 1922. Serial No. 596,062. 20 Claims. (Cl. 197—151.)



1. In a typewriting machine, the combination with an inking ribbon having abutments near its ends and a pair of spools with which the ends thereof are connected, of a pair of driven members connected with the spools to rotate and move axially therewith, a pair of stationary posts supporting said spools and driven members for rotary and axial movements, a pair of driving members for rotating the driven members, means for simultaneously shifting the driven members axially in opposite directions to connect one driven member with its driving member and disconnect the other driven member from its driving member, a pair of normally inactive trip devices mounted on the driven member shifting means and movable alternately by the abutments on the ribbon to active position, and universal key-operated means for engaging a shifted trip device to operate said driven member shifting means to reverse the direction of feed of the ribbon.

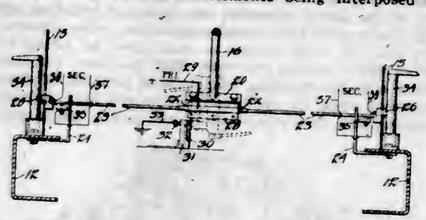
1,575,500. VALVE LATCH. NICHOLAS A. PETRY, Philadelphia, Pa. Filed June 23, 1923. Serial No. 647,365. 16 Claims. (Cl. 137—139.)



1. The combination of a valve casing, a pivoted valve member in the casing, an arm connected to the valve member for swinging it on its pivot, a hook pivoted to the arm, an abutment on the casing adapted to be engaged by the hook, and means for swinging the hook into and out of locking engagement with the said abutment.

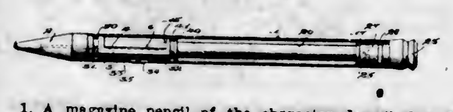
1,575,501. AUTOMOBILE LOCK. PETER C. PINKERTON, Indianapolis, Ind. Filed Nov. 11, 1924. Serial No. 749,225. 7 Claims. (Cl. 180—82.)

1. In an automobile a switch interposed in the primary ignition circuit, a switch interposed in the secondary ignition circuit, a rod supporting said primary ignition switch and adapted to be rotated to operate said switch, a key operated bolt connected to said rod, a key for operating said bolt, sliding rods carried by said primary ignition switch and adapted to be reciprocated upon the operation of said switch, hood clamps having hooks adapted to engage the side of the hood to secure the same in closed position said hooks being adapted to cooperate with the sliding bolts to lock the hood in closed position, contact elements carried by said sliding bolts said contact elements being interposed in



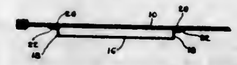
the secondary ignition circuit, and cooperating contact elements adapted to be engaged by said contact elements on the sliding bolts for making and breaking the secondary ignition circuit, substantially as set forth.

1,575,502. MAGAZINE PENCIL. JOHN ERIK PLATON, Jonkoping, Sweden. Filed Mar. 15, 1924. Serial No. 699,515. 4 Claims. (Cl. 120—9.)



1. A magazine pencil of the character described and comprising in combination a magazine member, a lead holding and guiding tip member, said tip member having a neck at its butt end and adapted to be held in the forward end of the magazine section, a lead ejecting needle for advancing the lead from the magazine to the tip, and means for locking the tip member in the magazine member, said means comprising an internal teat or projection at the forward end of the magazine member, the neck of the tip having a peripheral groove adapted to be normally engaged by said teat, and a lock means for locking said tip member against turning in relation to the magazine members when in proper position therein.

1,575,503. FROST-PREVENTION DEVICE FOR WINDOWS. HERBERT H. POHL and ROY D. NEILL, Minneapolis, Minn. Filed Feb. 18, 1925. Serial No. 9,945. 2 Claims. (Cl. 20—40.5.)

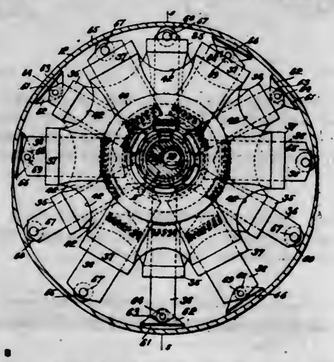


1. A frost prevention device for glass windows comprising a sheet of flexible transparent material of different composition from that of said window, attaching flanges on the edges of said sheet for resting upon the surface of the window inside the edges thereof, and means of different composition from that of said window and sheet for removably securing said flanges to the window for producing a dead air space between the latter and said sheet.

1,575,504. ROTARY MOTOR. OTIS F. PRESBREY, Brooklyn, N. Y. Filed June 10, 1920, Serial No. 387,950. Renewed Aug. 5, 1925. 7 Claims. (Cl. 121—60.)

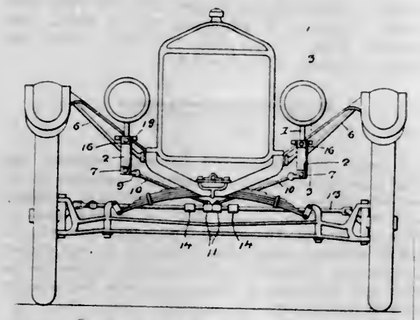
5. A rotary motor of the type described comprising a rotary casing having opposite sides and an encompassing ring or band presenting a uniform circular surface and from which power is to be transmitted, bearing members on which the opposite sides of said casing are mounted, a plurality of side-by-side rotary cylinder-assemblies each having a series of radially disposed cylinders and independent pistons slidable within said

cylinders adapted at their outer ends to engage said circular surface of said band and rotate said casing, the cylinders of one assembly being high pressure cylinders and of the other assembly low pressure cylinders and said casing and said cylinder-assemblies being eccentrically disposed with relation to each other, an intake for motive fluid leading to said high pressure cylinders which may be traveling along those portions of their movement when the arc prescribed by said high pressure cylinders and that prescribed by said casing are in near



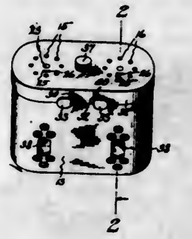
relation and gradually diverging, an exhaust extending from said high pressure cylinders as said cylinders successively travel beyond the active zone for their respective pistons and leading to said low pressure cylinders which may be traveling along those portions of their movement when the arc prescribed by said low pressure cylinders and that prescribed by said casing are near together and gradually diverging, and an exhaust from said low pressure cylinders as said cylinders travel beyond the active zone for their pistons.

1,575,505. MOVABLE HEADLIGHT. JOHN W. REYNOLDS, St. Louis, Mo. Filed May 27, 1925. Serial No. 33,238. 1 Claim. (Cl. 280—62.)



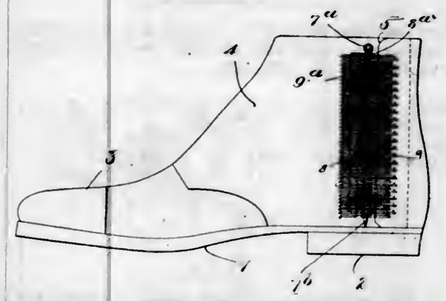
In combination with a motor vehicle and its headlamps, a tubular member through which each standard of each lamp passes, an arm on each tubular member adapted to be bolted to a fender brace of the vehicle, a pair of ears on each arm, a pair of springs connected with each standard and engaging the ears for preventing rotary movement of the standard, an arm connected with the lower end of each standard, a link swiveled to each arm, a pair of sleeves slidably mounted on the connecting rod of the steering mechanism of the vehicle and to which the links are connected and collars fastened to the rod and causing the sleeves to move with the rod when the rod has been moved in the turning movement of the vehicle.

1,575,506. CONDIMENT HOLDER. JOEL H. ROGERS, Newark, N. J., assignor of one-half to Albert Berg, Newark, N. J. Filed July 14, 1925. Serial No. 43,574. 3 Claims. (Cl. 65—45.)



1. A condiment holder comprising a housing, a plurality of condiment receptacles, each having an open upper end, means for normally retaining the receptacles within the housing, a cover for said housing having sets of sifter openings therein disposed respectively in alinement with the open ends of the condiment receptacles and shiftable inverted cup-shaped closure plates mounted on the under side of the cover and having complementary sifter openings therein, said closure plate embracing the upper open ends of the receptacles, and means connected therewith and extending through the cover for independently shifting the same to closed and open relation to the set of sifter openings in the cover.

1,575,507. MOLDER'S SHOE. ALBERT L. ROHRBACHER, Jr., Boston, Mass. Filed Jan. 10, 1923. Serial No. 611,858. 2 Claims. (Cl. 36—50.)

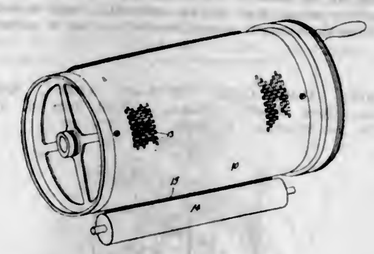


1. A molder's shoe embracing in its construction a shoe bottom, a vamp, and a top joined to said vamp and upper and vented from its upper edge to the bottom and forming flaps lapping one inside of the other, a series of intermatching metallic loops whose ends are clenched through the flap portions of the vent and whose intermediate portions are formed into eyes arranged to register with one another when the vent is closed, and a flexible pin adapted to be inserted and instantly removable from said registering eyes, substantially as described.

1,575,508. STENCILING MACHINE. CHARLES G. ROSENHAUER, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 3, 1925. Serial No. 72,888. 6 Claims. (Cl. 101—116.)

1. A foraminous sheet of the described copper-silicon-manganese alloy, rolled up and forming an unbulged

cylinder upon which is placed an ink mat and a stencil-sheet, the perforations in said sheet being of substan-



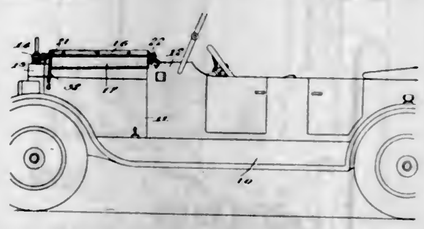
tially elongated form, avoiding the described peening tendency of said alloy, said perforations extending circumferentially of the cylinder.

1,575,509. REENFORCED TUBE LINING. JOHN SCHWAB, Jr., Winnipeg, Manitoba, Canada. Filed Aug. 17, 1925. Serial No. 50,700. 4 Claims. (Cl. 152—13.)



1. A pneumatic tube having a lining therein formed from a plastic sealing composition having a fibrous reenforcing material mixed therein and an open meshed reenforcing strip incorporated in the composition.

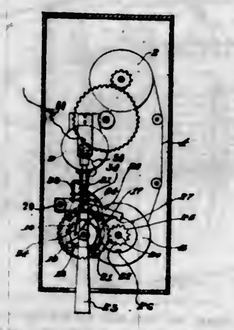
1,575,510. PROTECTOR FOR AUTOMOBILES. MANUEL J. SCHWANCK, Honolulu, Territory of Hawaii. Filed June 6, 1925. Serial No. 35,869. 5 Claims. (Cl. 180—69.01.)



1. An attachment for covering and protecting the hood hinges of automobiles, including brackets for connection with an automobile adjacent to the opposite ends of its hood hinge and having upstanding bearing portions, a holder including a pair of angle bars, one of which is provided with endwise projecting trunnions, journalled in the upstanding bearing portions of the said brackets, and a section of flexible material clamped between said angle bars and projecting freely upon the opposite sides thereof above the hood at opposite sides of its hinge.

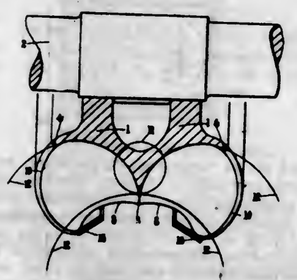
1,575,511. STREET INDICATOR OR ANNUNCIATOR. JAMES L. SCROGGINS, Alhambra, Calif. Filed Dec. 11, 1920. Serial No. 429,976. 2 Claims. (Cl. 40—55.)

1. A street annunciator comprising a pair of web carrying rollers, a ratchet operatively connected to one of said rollers, a pair of oppositely disposed pawls for engagement with said ratchet, a manually operated lever for shifting said pawls to move one or the other of them into engagement with said ratchet, a slidable bar for operating the pawls to in turn rotate said ratchet, a transversely extending lip carried by said slidable bar, a pivotally mounted bell crank lever having one end engaging said lip, a solenoid connected to said lever for operating the lever to move said slidable bar longitudi-



nally, means associated with the roller to which said ratchet is connected for limiting the rotating movement of the roller, and energy storing means associated with the web carrying roller other than the one to which said ratchet is connected.

1,575,512. HYDRAULIC IMPULSE TURBINE. PAUL WERNER SEEWER, London, England, assignor to The English Electric Company Limited, London, England, a British Company. Filed Nov. 15, 1922. Serial No. 601,122. 5 Claims. (Cl. 253—114.)

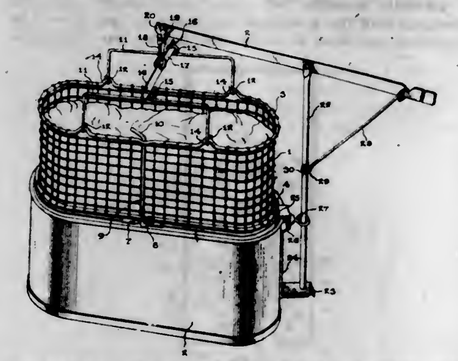


1. A runner for a free jet hydraulic impulse turbine comprising a body formed as a solid of revolution having an outer edge and a side curving radially inward and away from the plane of the said edge so as to show in radial section a concave face, buckets fitting on this face and extending laterally therefrom, the said buckets remaining within the radius of the said edge for a distance equal to the width of the zone of entry of the water to the runner and extending outside that radius at parts where the water flows out from them.

1,575,513. CLOTHES-DRAINING ATTACHMENT FOR WASHBOILERS. ALVIN SETHER, Chippewa Falls, Wis. Filed Dec. 13, 1924. Serial No. 755,711. 1 Claim. (Cl. 68—30.)

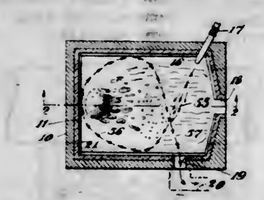
A device for the purpose set forth comprising a clothes receiving and discharging basket with opposite loops, a standard with a lifting lever fulcrumed at the upper extremity of the standard with a transversely disposed bar loosely suspended from one end of the lever with its ends loosely and detachably connecting with the opposite loops, a supporting means for the standard consisting of a bracket having a U-portion detachably engaged with the side of a wash boiler, a device passing through the U-portion and bearing upon the wash boiler side to hold the support in position, and a latching means to secure the lifting lever to the standard when the

basket is in elevated position, said device having an eye for the revolnble reception of the standard, whereby



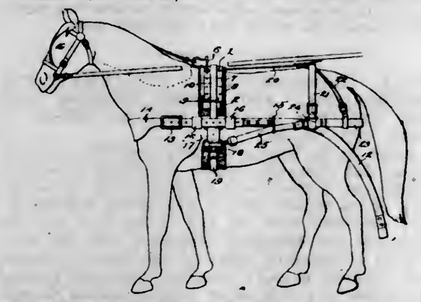
the standard may be rotated to swing the basket over a rinsing receptacle into which the clothes may discharge.

1,575,514. APPARATUS FOR MAKING GLASS AND PROCESS THEREFOR. ROBERT R. SHIVELY, Washington, Pa., assignor to B. F. Drakenfeld & Co. Inc., New York, N. Y., a Corporation of New York. Filed Apr. 12, 1924. Serial No. 706,010. 7 Claims. (Cl. 49—54.)



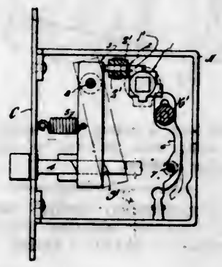
1. In the art of making glass, placing a mass of the raw materials within a furnace chamber, said mass covering a minor portion of the chamber floor surface adjacent one end thereof, directing a heating medium into enveloping contact with said mass to subject the surface thereof to the uniformly distributed heat effect of said medium whereby the mass is fused with a progressive and uniform reduction in the bulk thereof, and directing the melt away from said mass as the latter is fused to an outlet at the opposite end of the furnace chamber.

1,575,515. HARNESS. JEFFERSON O. ADAMS, Rayne, La. Filed May 25, 1925. Serial No. 32,674. 1 Claim. (Cl. 54—1.)



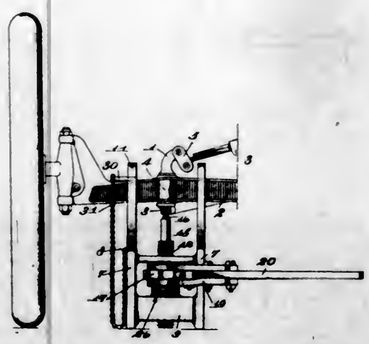
In a harness, the combination of a saddle, a strap having its ends depending from the saddle, traces having connections secured to the depending ends of said strap, short straps secured to said connection and carrying rings, a belly strap sedured to said rings, a breast strap secured to the forward ends of said traces, a breeching strap, and means connecting said breeching strap with the rings to which the belly strap is attached.

1,575,516. DOORLOCK. WILLIAM AHERN, Sydney Mines, Novn Scotia, Canada. Filed July 6, 1922. Serial No. 573,225. 1 Claim. (Cl. 70—29.)



A lock of the character described comprising a casing, a latching catch therefor, a horizontally sliding collar in the casing adapted to receive a knob spindle, a projection rising from the horizontally sliding collar, a lever mounted in juxtaposition to the sliding collar and being adapted to be rocked by the projection, an elongated lever pivoted adjacent one end and lying in the path of the lever first mentioned for movement thereby, said elongated lever passing through a slot formed in the latching catch, and a coil spring tending to hold said elongated lever in normal position.

1,575,517. SPRING-PERCH REMOVER. ASA IVY ALBRIGHT and FRANCIS LAMAR MYATT, Monroe, La. Filed Aug. 27, 1924. Serial No. 734,503. 1 Claim. (Cl. 29—85.)



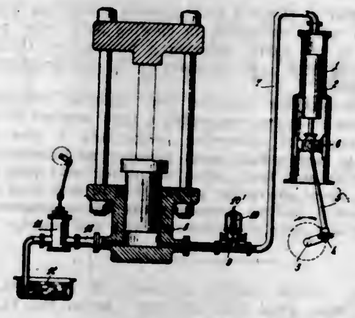
A spring perch remover comprising a frame consisting of parallel side members terminating in hooked ends which have adjacent recesses for the reception of an axle, a web and a web plate connecting the side members but being in spaced relation to each other, a screw shaft passing through a bore in said web and said plate, said screw shaft terminating in a reduced portion constituting a pilot which is surmounted by a tip, a ratchet situated between the web and web plate having a threaded hub in which the shank is screwed, a lever having a dog by which the ratchet is operated, and bearing means interposed between said ratchet hub and said web plate.

1,575,518. PROCESS OF WATERMARKING PAPER AND ADJUNCT THEREFOR. ALBERT ALLEN, Bangor, Me., assignor to Eastern Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Filed Nov. 20, 1925. Serial No. 70,284. 10 Claims. (Cl. 92—48.)



1. The combination with a watermarking device having marking elements, of a smooth membrane covering the marking elements on said device.

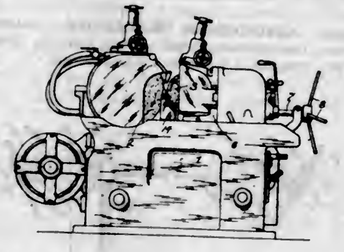
1,575,519. TESTING MACHINE. ALFRED AMSLER, Schaffhausen, Switzerland. Filed June 17, 1924. Serial No. 720,661. 5 Claims. (Cl. 138—17.)



1. A device for testing machines operated by pressure liquid for carrying out fatigue tests with changing loads, comprising at least one cylinder filled with liquid, an open connection between said cylinder and the pressure cylinder of the testing machine, a piston reciprocable in said cylinder for generating pressure fluctuations in the cylinder of the testing machine, and means to adjust and automatically maintain the maximum and minimum pressure of such pressure fluctuations irrespective of the elastic and permanent deformations of the test piece.

1,575,520. WORK-CARRYING DEVICE FOR GRINDING MACHINES. WALTER D. ARCHEA, Norwood, Ohio, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Jan. 16, 1924. Serial No. 686,658. 10 Claims. (Cl. 51—108.)

1. In combination with a grinding machine, a work-feeding device comprising a fixed supporting guide; a carriage mounted and movable upon said guide toward and from the grinding space; a work-rest or support secured to and movable with said carriage; means for supporting the outer or trailing end of the work; and supports at the side of the work opposite that which is

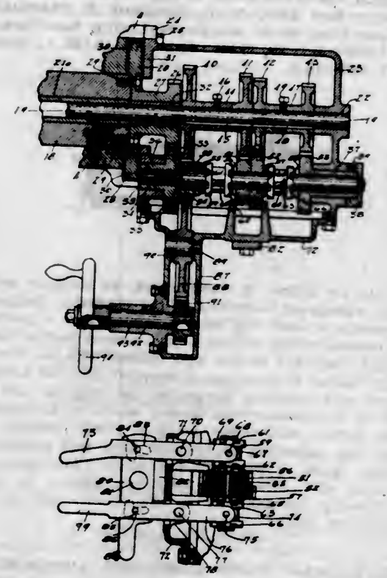


in contact with the work-rest, extending normally into guiding and supporting position relatively to the work but adapted to be forced aside as the carriage and work advance, to carry the work into grinding position.

1,575,521. PROCESS OF TREATING WOOD, METAL, AND CONCRETE. DON C. ATKINS, Denver, Colo. Filed May 2, 1922. Serial No. 557,998. 4 Claims. (Cl. 99—12.)

4. The process of treating the surfaces of materials which includes subjecting the said surfaces to an application of sulfur chloride dissolved in gasoline and mixed with linseed oil.

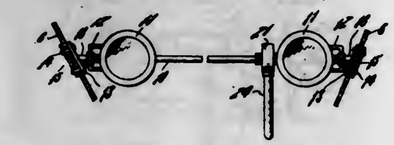
1,575,522. FEED MECHANISM FOR FACING MACHINES. JAMES O. BARRETT, Meadville, Pa. Filed Mar. 13, 1922. Serial No. 543,219. 2 Claims. (Cl. 82—2.)



1. In a mechanism of the class described, the combination of two parallel shafts; a series of sets of gears on said shafts of differing speed ratios; means for throwing different gear sets into operative relation comprising two shift levers acting on different sets; and a

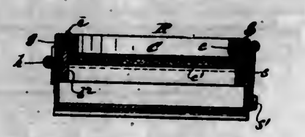
locking lever arranged across the shift levers, said shift levers and locking lever having pin and slot connections permitting the shifting of one shift lever at a time.

1,575,523. AUTOMOBILE HEADLIGHT. CLARENCE E. BEATTY, Des Moines, Iowa. Filed Nov. 28, 1924. Serial No. 752,785. 1 Claim. (Cl. 240—61.)



The combination with the front mud guards of an automobile, inwardly directed spindles carried by the mud guards, an annular shoulder formed on each of the spindles, a pair of connected headlights, normally vertically arranged U-shaped yokes carried by each of the headlights and receiving the spindles for rotation therein, washers on the spindles and engaging the U-shaped yokes at a point opposite the annular shoulders, abutments on the inner ends of the spindles and expansible coil springs encircling the spindles and engaging the abutments and washers for normally holding the washers in contacting engagement with the U-shaped yokes, and at the same time holding the yokes against the annular shoulders to prevent casual movement of the headlights and flexible means for tilting the latter in unison when desired.

1,575,524. WATERPROOF RECEPTACLE. PHILIP BENJAMIN, New York, N. Y., BENJAMIN E. STEINHARDT, Jersey City, N. J., and HARRY LIPTIN, New York, N. Y. Filed July 29, 1925. Serial No. 46,753. 2 Claims. (Cl. 220—46.)



1. As an article of manufacture, an elongate rectangular waterproof receptacle of the character designated, comprising a basic box section formed with a protuberant circumscribing sealing flange, a cover section hinged to said basic box section and formed with an inturned flange shaped to constitute a receptive inverted L-shaped groove with retaining flanges for the reception and support of a circumscribing gasket which is L-shaped in cross section, said gasket being of elastic resilient material for embracing engagement with said protuberant sealing flange on the basic box section, and means for securing said cover and basic box section in closed relationship, substantially in the manner and for the purpose set forth.

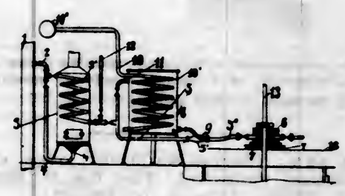
1,575,525. PILOT LAMP FOR AUTOMOBILES. MITCHELL L. BLANTON, Denver, Colo., assignor, by direct and mesne assignments, to F. J. McManaman, Denver, Colo. Filed Dec. 1, 1923, Serial No. 678,064. Renewed Jan. 2, 1926. 1 Claim. (Cl. 240—62.)

In combination with an automobile, a bracket having a plurality of arms, one arm being mounted behind the spindle arm nut, a locking device between said arm and said nut, said bracket having another arm extending at right angles to the first mentioned arm and



having its end twisted through an angle of ninety degrees, said end having an opening for the reception of a bolt.

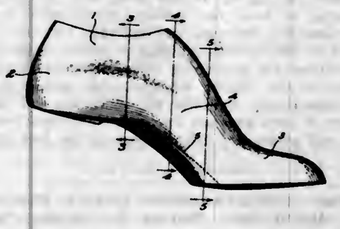
1,575,526. METHOD OF AND APPARATUS FOR CLEANING AND CONSERVING HOIST CABLES. KARL BÖCHER, Brambauer, Germany. Filed May 5, 1925. Serial No. 28,184. 15 Claims. (Cl. 91—45.)



1. Method of cleaning and applying conserving preparation to cables consisting in blowing fluid under pressure on to the cable, spraying a preparation thereon, and blowing fluid under pressure on to such preparation on the cable.

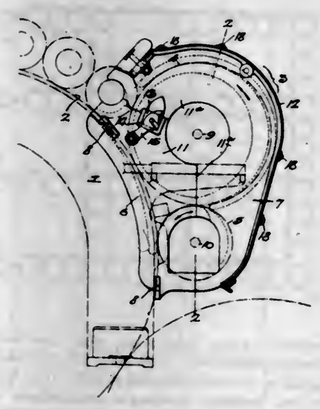
4. Apparatus for cleaning and applying conserving preparation to cables, comprising a tank adapted to contain a supply of conserving preparation, a pipe line adapted to receive fluid under pressure, an injector connected with said tank, pipes connecting said pipe line with the space above the preparation in said tank and said injector, and an annular spray nozzle adapted to surround said cable and connected with said injector.

1,575,527. SHOE LAST. GUSTAVUS H. BOEHMER, St. Louis, Mo. Filed Feb. 26, 1925. Serial No. 11,786. 2 Claims. (Cl. 12—133.)



1. A shoe last having a longitudinal transversely curved arch in its bottom face extending from the heel portion thereof to the ball thereof, the outer portions of said arch being convexly curved and the central portion concavely curved, the center line of said concaved portion also tapering longitudinally from heel to tread.

1,575,528. GARNETT MACHINE. WILLIAM F. BOKUM, Jenkintown, Pa., assignor to Proctor and Schwartz, Incorporated, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Oct. 8, 1925. Serial No. 61,369. 4 Claims. (Cl. 19—98.)

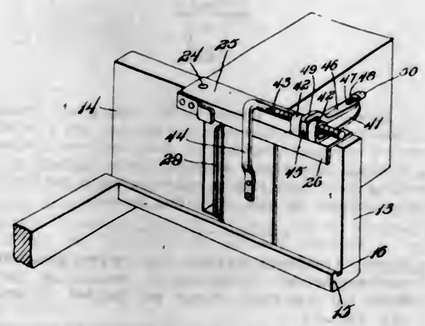


1. The combination in a Garnett machine, of a "fancy" roll; and an enclosing casing having internal ribs at the ends which fit against the ends of the roll.

1,575,529. PROCESS OF INCREASING THE DURABILITY OF PURE SALAD OR SWEET OILS. HERMANN BOLLMANN, Hamburg, Germany, assignor, by mesne assignments, to Mary Fulford Foster, trustee, Washington, D. C. Filed May 28, 1925. Serial No. 33,561. 4 Claims. (Cl. 99—11.)

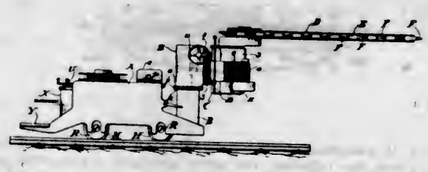
1. A process for improving the durability of liquid vegetable oils of an edible nature, which comprises adding a small quantity of lecithin to the oil directly after purification.

1,575,530. HEAD-GATE CONSTRUCTION. ROBERT E. BOULTON, Silt, Colo., assignor to Sadie J. Boulton, Silt, Colo. Filed Mar. 12, 1925. Serial No. 15,028. 8 Claims. (Cl. 61—22.)



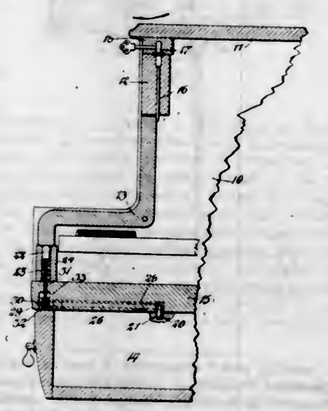
1. In a head gate for irrigation ditches and the like and as means for delivering a predetermined quantity of water from a main ditch end to a lateral, a duct connecting the main ditch and lateral and communicating with each thereof, a duct at the main ditch thereof being provided at its downstream end with a wall forming one wall of the ditch, a baffle connected at one end of said wall and extending transversely of the ditch and having its upper end level with the surface of the bottom of the duct and its lower surface embedded in the bottom of the ditch, the opposite end of said baffle being provided with a vertical extension forming a portion of the wall of the ditch in opposition to the downstream wall of the duct and a gate for controlling the passage of fluid through the duct, said gate being horizontally movable and being provided at its downstream edge with an outstanding flange deflecting floating debris to the center of the ditch.

1,575,531. COAL-CUTTING MACHINE. JOHN C. BRACKETT, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed May 16, 1924. Serial No. 713,700. 5 Claims. (Cl. 262—28.)



1. A coal cutter comprising the combination of a cutter bar, a cutter bar mounting, a column, fluid pressure operated means to support said cutter bar mounting adapted to be raised on said column, a motor for operating said cutter bar rotatably disposed on said mounting and supporting said cutter bar, and means adapted to rotate said motor for swinging said cutter bar.

1,575,532. PIANO-LOCKING DEVICE. ISRAEL E. BRETZFELDER, MAURICE K. BRETZFELDER, and JOSEPH SHADY, New York, N. Y., assignors to Krakauer Bros., New York, N. Y., a Corporation of New York. Filed Jan. 16, 1924. Serial No. 686,572. 2 Claims. (Cl. 89—177.)



1. In a reproducing grand piano which includes a drawer disposed below the key-board housing and containing the controls and tracker board of the player mechanism, the combination with the locking mechanism which locks the top and key-board cover in closed position, of locking means for said drawer comprising a keeper opening formed in the drawer, a shaft having angularly disposed front and rear arms, the latter having a locking terminal engageable within the keeper open-

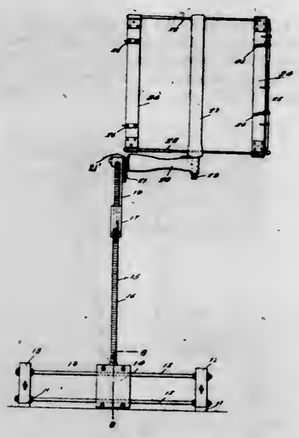
ing upon downward swinging movement of said arm, a plunger connected with the free end of the front arm, means normally projecting the upper end of the plunger into the path of movement of the key-board cover when moved to closed position and effecting the upward swing of the rear arm to disengage the locking terminal from the keeper opening whereby said key-board cover when locked in a closed condition by the locking mechanism, cooperates with said locking means to cause the same to lock the drawer.

1,575,533. POLISHING DEVICE. EUSTACE CARLILL BRIERLEY, Bath, England. Filed June 11, 1925. Serial No. 36,537. 8 Claims. (Cl. 132—78.)



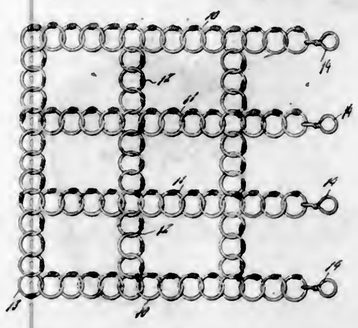
1. A polishing device embodying an inflatable pad and a pump for inflating the same arranged within the pad substantially as described so as to produce a single, self-contained, unit.

1,575,534. ADJUSTABLE SUPPORT. ROMA E. BRINSON, Atlantic City, N. J. Filed June 9, 1922, Serial No. 567,103. Renewed Dec. 4, 1925. 3 Claims. (Cl. 45—60.)



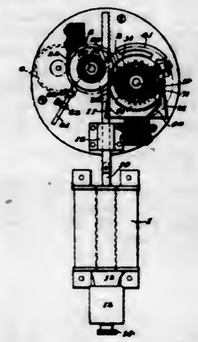
1. A reading stand embodying a base, a standard slidingly mounted thereon, a sleeve slidingly mounted upon the standard, a vertically disposed arm carried by the sleeve, a horizontally arranged arm, including a reduced extension for connecting said horizontally arranged arm with the vertically disposed arm to permit of rotation of the former, a toothed wheel secured to the reduced extension, a spring actuated dog carried by the vertically disposed arm and engaging the toothed wheel to hold the horizontal arm against rotation, a holding member, and means for connecting the holding member to said horizontally disposed arm, whereby said holding member may be rotated.

1,575,535. TRACTION CHAIN. ORICE J. BROUILLETTE, Galesburg, Ill. Filed June 22, 1925. Serial No. 38,886. 1 Claim. (Cl. 152—14.)



A traction chain comprising side, intermediate and cross chains respectively, and each of the chains formed of a plurality of inter-connecting split rings having their opposite end portions forming a multiplicity of twisted portions one upon the other to form traction surfaces.

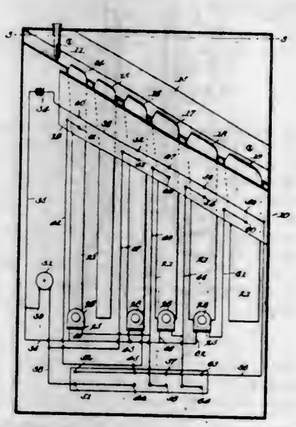
1,575,536. INTERMITTENT ELECTRIC MAKE-AND-BREAK DEVICE. HERBERT C. BUNTING, Seattle, Wash. Filed Apr. 16, 1923. Serial No. 632,574. 9 Claims. (Cl. 200—90.)



1. In a device for intermittently making and breaking an electric circuit, an oscillating member and a rotating member carrying complemental make-and-break contacts, a solenoid having said make-and-break contacts in its exciting circuit, and a make-and-break device for the load circuit carried by said oscillating member.

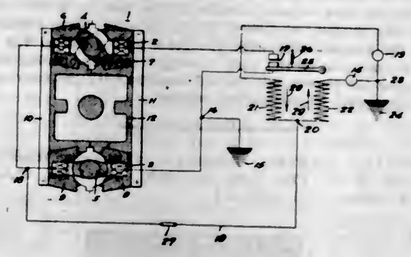
1,575,537. CHANGE-MAKING AND FARE-REGISTERING MACHINE. ALOIS BURIAN, Schenectady, N. Y. Filed Apr. 12, 1922. Serial No. 551,946. 1 Claim. (Cl. 194—7.)

A change making device of the character described comprising a casing, a bridging strip secured above the base of the casing, a plurality of parallel chutes of graduated sizes arranged in said casing, a transverse member closing the lower ends of some of said chutes, a pocket underlying the lower end of said chutes, some of said chutes having their closed ends each provided with registering slots formed in the walls thereof, U-shaped supports secured to the bridging strip and arranged in parallelism before the slotted chutes, a solenoid arranged between the arms of each U-shaped support, a finger for each solenoid



being operatively associated with the slots, and means in some of said chutes for operating the fingers as and for the purpose specified.

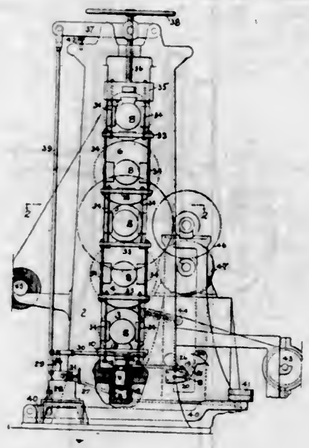
1,575,538. AUTOMOBILE LIGHTING SYSTEM. JOHN B. BUSHNELL, Berkeley, Calif., assignor to N. R. Harris and M. C. Harris, both of San Francisco, Calif., Copartners, doing business under the firm name of Harris Electric Company. Filed Aug. 11, 1923. Serial No. 656,955. 14 Claims. (Cl. 171—313.)



1. In a system for supplying electrical energy, a plurality of translating devices arranged in parallel, a source of current therefor, and means for controlling the amount of current produced by said source, comprising a device for balancing the currents supplied to the translating devices, and contacts operated by the said device in response to a condition of substantial unbalance in the currents supplied to each of the translating devices.

14. In an automobile lighting system, a generator having a pair of generating coils, said generator being adapted to be driven by the source of motion for the automobile, and said coils having a substantially constant current output irrespective of generator speed, and arranged to be connected in parallel, a pair of sets of lamps connected in parallel, and arranged to be supplied with current from the generating coils in parallel, and means for disconnecting one of the generator coils in response to the existence of an inoperative condition of either of the sets of lamps, comprising an electromagnet having a pair of differentially wound coils, one for each of the lamp sets and arranged to carry the lamp current, an armature for the electromagnet, said electromagnet when both sets of lamps are active being ineffective to attract the armature, but when either of the two differentially wound coils becomes deenergized, due to the interruption in the lamp current, the resultant magnetism exerted by the other coil is sufficient to attract the armature, and a pair of contacts, one carried by the armature, which are closed when the armature is in its unattracted position, said contacts being in series with one of the generating coils.

1,575,539. CALENDER. HARRY W. BUTTERWORTH, Jr., Philadelphia, Pa., assignor to H. H. Butterworth & Sons Company, a Corporation of Pennsylvania. Filed July 16, 1925. Serial No. 44,135. 8 Claims. (Cl. 92—75.)

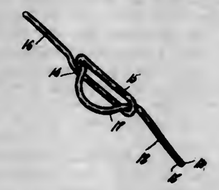


1. A calender, comprising a plurality of horizontal rolls arranged in vertical alinement, hydraulically operated means for raising and lowering the said rolls to bring them into contact or permit them to be lowered out of contact with each other, means for suspending the several rolls out of contact with each other when lowered by the hydraulically operated means, means for putting the hydraulically operated means into and out of action, and means automatically operating to constitute a positive support for the rolls when raised into rolling contact by the hydraulically operated means and the hydraulic pressure thereof has been removed.

1,575,540. HAIR CURLER. CAROLYN E. BYRNE, Lawrence, Mass. Filed Apr. 26, 1924. Serial No. 709,197. 4 Claims. (Cl. 132—43.)

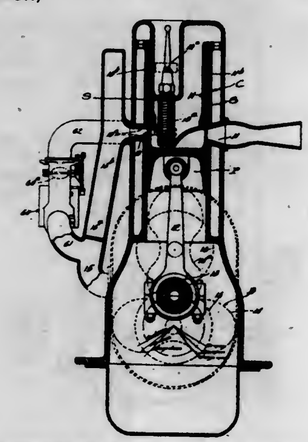
1. A hair curler comprising an elongated ligature of flexible non-resilient wire, and a coupling rigidly connecting two portions of the ligature side by side, the ligature including a loop maintained by the coupling, a relatively short end portion extending in one direction from the coupling and constituting a tying terminal and a longer end portion extending in the opposite direction from the coupling and movable endwise in the loop, said longer end portion constituting a binder and a tying

terminal, the arrangement being such that the free end portion of a mass of bobbed hair may be inserted between the binder and the loop, clamped by an endwise



movement of the longer end portion, converted into a roll by rotation of the waver, and confined as a roll by the interengagement of the tying terminals.

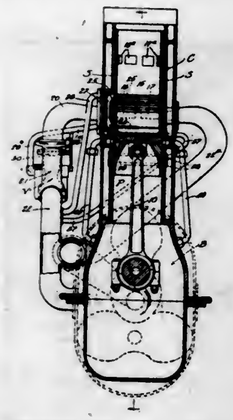
1,575,541. INTERNAL-COMBUSTION ENGINE. JOHN M. CAGE, Santa Monica, Calif., assignor, by mesne assignments, to Halvor Andresen, Christiania, Norway, and Oliver Otis Howard, Rockport, Mass. Filed Aug. 25, 1921. Serial No. 495,167. 3 Claims. (Cl. 123—67.)



3. In combination with an internal combustion engine, having intake and exhaust ports and valves controlling the same, air pressure raising means operated by the engine and adapted to compress air substantially to a pressure which varies as the resistance to flow of such air through the intake port varies at varying engine speeds; a passage leading from such means to the intake port, a carburetor also communicating with said intake port; and a passage connecting said carbureter with said first mentioned air passage, whereby the carbureter acts under the pressure raised by said means; said pressure raising means being of sufficient capacity to introduce to the engine cylinder a quantity of air in excess of the amount required to fill the cylinder, so that such excess flows out through the exhaust during the period that both exhaust and intake are open.

1,575,542. SLEEVE-VALVE ENGINE. JOHN M. CAGE, Santa Monica, Calif., assignor, by mesne assignments, to Halvor Andresen, Christiania, Norway, and Oliver Otis Howard, Rockport, Mass. Filed Aug. 25, 1921. Serial No. 495,168. 13 Claims. (Cl. 123—69.)

4. In combination with an internal combustion engine having a cylinder and an intake port and a sleeve valve movably fitting within the cylinder controlling said intake port; means for feeding a charge to said intake port under pressure, and means for maintaining a counter pressure around said intake port in the space between the sleeve and the cylinder wall, said last men-



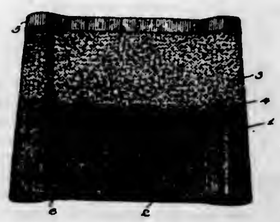
tioned means embodying grooves in the cylinder wall on opposite sides of said intake port, and means for introducing air under pressure to said grooves.

1,575,543. VANITY CASE. HARRY BLISS CLEGG, Attleboro, Mass. Filed May 29, 1925. Serial No. 33,674. 7 Claims. (Cl. 132—83.)



2. A powder dispenser, including a body having an open top and having a removable bottom, a raised bead on the bottom, a dished spring expeiler plate engaged on its concave side with the bead, and a dished top in said open top of the body having a central opening and having the convex side thereof engaged with the convexed central part of the spring expeller.

1,575,544. GARTER. EVERETT G. CLEMENTS, Washington, D. C. Filed Dec. 24, 1925. Serial No. 77,541. 4 Claims. (Cl. 241—5.)



1. A garter comprising an upwardly tapered, tubular band of garter elastic adapted to frictionally engage and adhere to the leg of the wearer, and of such width as to permit that the upper tapered portion thereof be folded over and outside of the lower portion to envelop and resiliently support the material of the upper part of a stocking lying between the folds, whereby to support the stocking upon the leg.

1,575,545. TIRE-CHAIN TIGHTENER AND LOCK. WALTER O. COLBURN, Bangor, Me. Filed June 8, 1925. Serial No. 35,783. 3 Claims. (Cl. 24—242.)



1. A chain tightener and lock comprising an elongated plate, a link-engaging chain-tightening lever fulcrumed to one end of said plate, said lever being adapted for inward movement to a position longitudinally of the plate, means for limiting the inward swinging of said lever, and a lever-locking member pivoted between its ends to the end of the plate remote from the lever fulcrum, the outer end of said lever-locking member being adapted for connection with one end of the tire chain while the inner end of said lever-locking member is adapted to abut said lever and hold it against outward swinging.

1,575,546. TIRE-CHAIN TIGHTENER AND LOCK. WALTER O. COLBURN, Bangor, Me. Filed June 8, 1925. Serial No. 35,784. 2 Claims. (Cl. 24—242.)



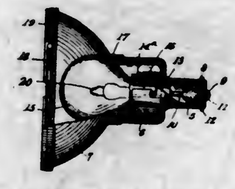
1. A chain tightener and lock comprising an elongated plate having one end adapted for connection to one end of a tire chain, the other end of said plate having a link-receiving notch in one edge, said edge being also formed with an angular notch whose inner end extends toward said other end of the plate, a channel-shaped lever having longitudinal side flanges straddling said plate and having link-receiving notches, and a pin and slot connection between one end of said flanges and said other end of the plate, the slot being in converging relation with the link-receiving notch of the plate, the flange-connecting portion of the lever having a slot to receive the portion of the plate adjacent said angular notch, permitting the outer end of said flange-connecting portion to enter said angular notch.

1,575,547. NONFREEZING SILL FAUCET. FREDERICK CONRAD and SVEND RASMUSSEN, Bogota, N. J. Filed June 9, 1925. Serial No. 36,013. 2 Claims. (Cl. 251—156.)



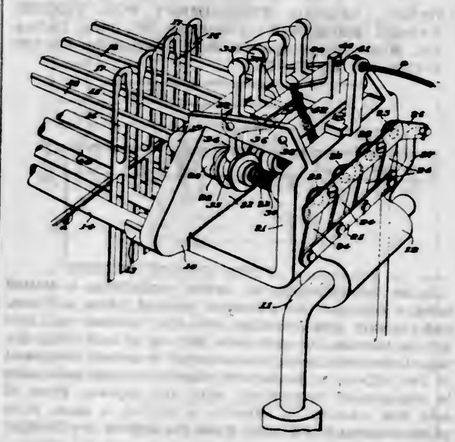
2. A sill faucet, comprising means forming a discharge nozzle, a pipe connected with said nozzle and adapted to extend through a sill, means connected with said pipe for presenting a valve seat, a valve member co-acting with said seat, a spring acting to normally hold said valve member against the seat, a rod connected with said valve member extending through said pipe and nozzle to a point exteriorly of the nozzle, a hand operated wheel slidingly mounted on the rod, a pair of cams connected with said wheel, and a pair of coacting cams connected with the nozzle, said cams co-acting with each other when the wheel is rotated for moving the rod longitudinally against the action of said spring for opening said valve.

1,575,548. ELECTRIC-LAMP MOUNTING. CHARLES H. CUNO, Meriden, Conn., assignor to The Cuno Engineering Corporation, Meriden, Conn., a Corporation of Connecticut. Filed June 12, 1924. Serial No. 719,536. 3 Claims. (Cl. 240—41.)



1. A lamp holder comprising a tubular body having an inwardly and reversely directed flange at one end, a reflector permanently secured to the other end, a tubular member permanently secured to said flange and having a socket with a bayonet slot at one end for receiving a lamp inserted in said reflector and having an external locking device at the rear end.

1,575,549. WARP STOP MECHANISM FOR LOOMS. HARRY A. DAVIS, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Oct. 16, 1925. Serial No. 62,762. 11 Claims. (Cl. 139—351.)

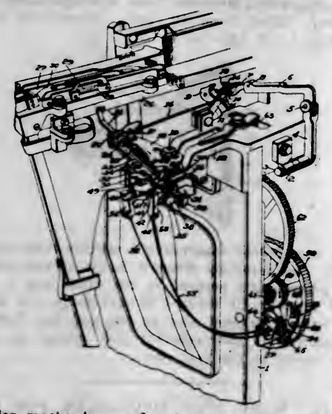


1. In a warp stop mechanism for looms, the combination of two or more banks of drop wires, a vibrator for each bank, means for oscillating the vibrators about their longitudinal axes, give-way connections between each of the vibrators and the operating means permitting the individual stoppage of the oscillatory movement of any one of the vibrators by a drop wire on the occurrence of a warp fault, and an indicator moved by the give-way device on stoppage of the oscillatory movement of a vibrator by a drop wire to locate the bank of drop wires in which the warp fault occurred.

1,575,550. FEELER MECHANISM FOR LOOMS. HARRY A. DAVIS, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed MAR. 20, 1925. Serial No. 17,047. 12 Claims. (Cl. 139—270.)

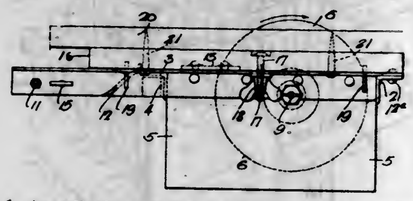
1. In an intermittent feeler mechanism for looms, the combination of a feeler, a device for engaging and holding the feeler in a frontward position during periods of inactivity, and two independent control mechanisms for said device, one operating independently of the other for freeing the feeler at intervals and for moving said de-

vice frontwardly when again engaged by the feeler, and independent means located at a pronounced distance from



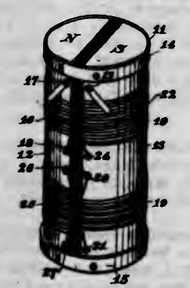
the feeler mechanism and actuated by a going part of the loom for positively actuating said two independent mechanisms in succession.

1,575,551. GLUING ATTACHMENT FOR VENEER-TAPING MACHINES. FREDERICK W. DOVE, Ludington, Mich. Filed Apr. 10, 1922. Serial No. 551,389. 8 Claims. (Cl. 91—51.)



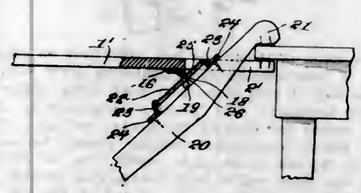
1. An adhesive-applying device comprising a slotted table, a container for adhesives secured below said slot, and a rotary disk extending into the container and projecting through the slot above the top of said table, the top of the table being unobstructed to permit movement of two objects to be secured together across said table in engagement respectively with the opposite faces of said disk whereby an adhesive is applied to those faces of the objects which abut when the objects are brought together.

1,575,552. COUPLING TRANSFORMER. WILLIAM J. DOW, Washington, D. C. Filed Apr. 3, 1924. Serial No. 704,071. 9 Claims. (Cl. 175—359.)



1. A coupling transformer having primary and secondary windings comprising a pair of insulation cores having their axes parallel, a section of one of said windings on each core at axially displaced positions, said sections being wound in opposite directions, and a portion of said other winding on one of said cores.

1,575,553. IRONING BOARD. HENRY KREIDER DUFFIELD, South Jacksonville, Fla. Filed Feb. 18, 1925. Serial No. 10,118. 2 Claims. (Cl. 68—10.)



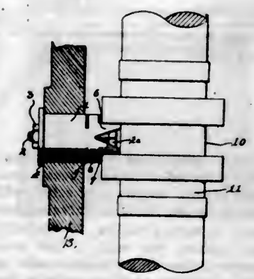
1. The combination with a board, having a slotted end, a toothed reinforcing plate having a depending T-shaped member secured on the under face of the board at the terminal of the slot, a prop having a headed end, which is received through the slot of the board, a toothed rack on the prop which is centrally slotted to receive the T-head of the reinforcing plate therein and with which rack the toothed reinforcing plate engages.

1,575,554. KNIFE SHARPENER. PHILIP L. DUPLOTH, Anamosa, Iowa. Filed Sept. 11, 1924. Serial No. 737,112. 1 Claim. (Cl. 51—187.)



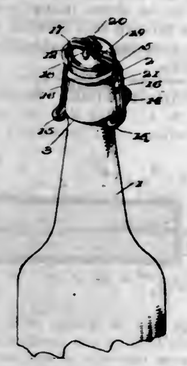
An edge tool sharpener including an elongated body having one end angularly turned and the other end provided with a hook, and having an elongated opening adjacent said angularly turned end, a slidable plate beneath the body and having a projection extending through the elongated opening, a nut held by said projection, a strip of abrading material having one end engaged with said hook and its other end tucked around the far edge of said slidable plate and between it and the adjacent faces of said body, and a threaded rod engaged through one end of the body and threaded through said nut.

1,575,555. ADJUSTABLE CAM-SHAFT THRUST BLOCK. PERRY B. EDWARDS, Athens, N. Y. Filed July 9, 1923. Serial No. 650,559. 3 Claims. (Cl. 308—161.)



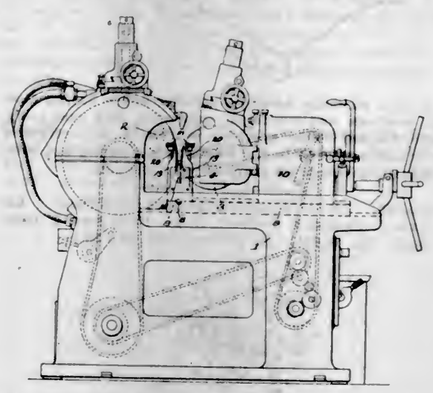
1. A thrust block comprising a body having a longitudinal central bore and an end portion and a tapered bifurcation therein and also having slots adjacent to said end portion, in combination with a headed and threaded bolt, and a nut mounted on said bolt and opposed to one end of the body.

1,575,556. BOTTLE STOPPER. OTTO EICK, St. Louis, Mo. Filed Aug. 27, 1925. Serial No. 52,908. 2 Claims. (Cl. 215—66.)



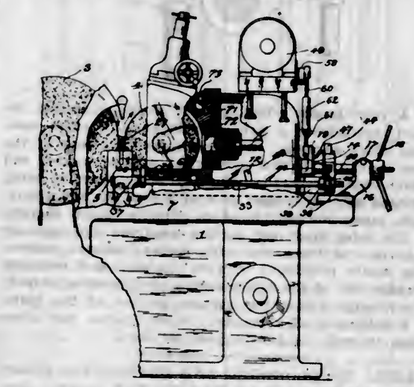
1. In a stopper, a sealing member adapted to enter the mouth of a bottle, an attaching head superimposed on the sealing member and having a stem secured in a cavity in the outer end portion of said sealing member, said attaching head having an outwardly extending eye, and a one piece fastening member having a substantially U-shaped portion for embracing the neck of the bottle against a shoulder on the latter, spring portions for clamping the arms of said substantially U-shaped portion to said bottle neck, end portions engaging the attaching head and adapted to press the sealing member into the mouth of the bottle, said end portions extending transversely across said attaching head and having their extremities adapted to engage with a bead at the outer end of the bottle neck, and other portions connecting said sealing member pressing portions with said arm actuating spring portions of the fastening member.

1,575,557. WORK REST AND GUIDING DEVICE FOR GRINDING MACHINES. SOL EINSTEIN and LESTER F. NENNINGER, Cincinnati, Ohio, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Jan. 18, 1924. Serial No. 687,062. 7 Claims. (Cl. 51—103.)



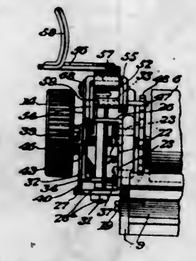
1. A combined work-rest or support and guide, comprising a body or casting having in its upper portion a longitudinal slot; a work-rest in the form of a blade, bar or plate, seated within said slot; pressure stems extending through a side wall of the slot and provided each with an inclined face; screw stems provided with conical ends arranged perpendicular to the pressure stems and bearing at their conical ends against the inclined faces thereof; upright swinging arms pivoted on opposite sides of the work-supporting bar and pivotally connected near their lower ends to the body or casting; guide-plates carried by the free ends of said arms; springs connecting opposed swinging arms in pairs and tending to separate said arms and their guide-plates; horizontally-projecting studs carried by the body or casting and having each an inclined face; and screws carried by said swinging arms, having conical ends to bear upon the inclined faces of the studs, and provided with heads by which to turn them and thus to force them down the inclined faces, and thereby to cause the arms to swing inward toward the work-supporting blade.

1,575,558. CENTERLESS GRINDING MACHINE. SOL EINSTEIN and LESTER F. NENNINGER, Cincinnati, and WALTER D. ARCHEA, Norwood, Ohio, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Jan. 18, 1924. Serial No. 687,063. 16 Claims. (Cl. 51—108.)



1. A centerless grinding machine comprising, in combination, a grinding wheel; a governing or control-wheel; an intermediate work-rest or support; means for progressively advancing and receding one of said wheels toward and from the other; and means for automatically removing the work from between said wheels after it is completely ground.

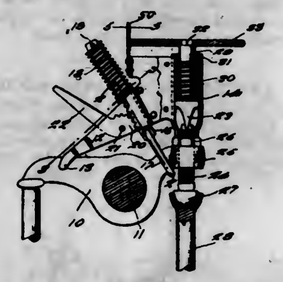
1,575,559. TYPEWRITING MACHINE. ALONZO B. ELY, Groton, N. Y., assignor to Corona Typewriter Company, Inc., Groton, N. Y., a Corporation of New York. Filed Apr. 30, 1925. Serial No. 26,966. 30 Claims. (Cl. 197—114.)



28. In a line spacing mechanism, the combination of a rotatably mounted ratchet wheel, a pawl extending across the wheel, means supporting said pawl for swinging movement and movement of translation about and

along an axis perpendicular to the axis of the ratchet wheel, means for forcing said pawl against a tooth of the wheel to advance the wheel, and means for stopping pivotal and translational movement of the pawl when it has advanced said tooth to a predetermined point circumferentially of the wheel at which said pawl is engaged by the next following tooth of the wheel to obstruct further advance of the wheel.

1,575,560. TAPPET-ADJUSTING TOOL. GIDEON B. ENGLUND, St. Petersburg, Fla. Filed Jan. 31, 1925. Serial No. 6,086. 2 Claims. (Cl. 81—3.)



1. A valve-tappet adjusting tool of the character described, comprising a pair of substantially offset companion plate members, the opposite end portions of the plates providing hollow cylindrical and bifurcated end portions respectively, the hollow cylindrical portion being positioned upon the upper face of a jam nut and receiving the upper end portion of an adjusting screw therein, and the bifurcated end portion engaging the opposite end portion of the rocker arm, spring-tensioned reciprocating means positioned between the plate and engaging the under side of the rocker arm, a shaft member extending vertically within the tubular portion of the plate, and a calibrated disk member included upon the upper portion thereof, for the purpose set forth.

1,575,561. DECOLORIZING AND DEFECATING PRODUCT AND PROCESS OF MAKING THE SAME. GUSTAVUS J. ESSELEN, Jr., Swampscott, Mass., assignor to United Fruit Company, Boston, Mass., a Corporation of New Jersey. Filed Oct. 6, 1922. Serial No. 592,887. 6 Claims. (Cl. 252—3.)

1. The hereindescribed decolorizing and defecating product comprising a decolorizing carbon derived principally from the isolated pithy component of the sugar cane, intimately associated with an alkaline material.

1,575,562. GARMENT AND METHOD OF SEWING SLEEVE LININGS INTO ARMHOLES THEREOF. RICHARD A. FEISS, Cleveland, Ohio, assignor to The Joseph & Feiss Company, Cleveland, Ohio. Filed Feb. 1, 1924. Serial No. 690,031. 5 Claims. (Cl. 2—97.)



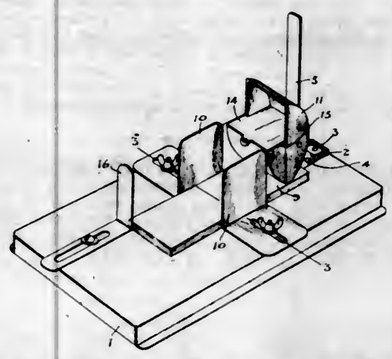
5. The method of stitching sleeve lining within a garment, which consists in providing the sleeve lining with an opening by leaving juxtaposed portions of two longitudinal edges of the lining unseamed, turning the sleeve structure inside out and stitching one looped end of said sleeve lining to the garment sleeve, stitching the other looped end of the sleeve lining to the garment by the access afforded through said opening, sewing shut the opening and then restoring the right-side-out position of said sleeve structure.

1,575,563. CARTRIDGE FUSE. FREDERICK A. FELDKAMP, Newark, N. J. Filed Feb. 20, 1924. Serial No. 694,002. 13 Claims. (Cl. 200—132.)



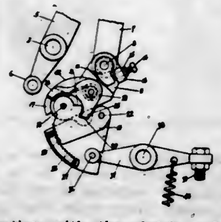
1. In a cartridge fuse, a tubular shell, blade-terminals, end caps, and blade holding and positioning washer members engaged between the ends of said shell and said end caps, each washer member having portions interlocked with a blade terminal to hold the latter against longitudinal displacement, and each washer member having buttress lugs struck up from the body thereof to respectively engage and brace opposite sides of said blade terminal.

1,575,564. GUMMING DEVICE. JOHN GORDON FLEMING, Toronto, Ontario, Canada. Filed June 16, 1924. Serial No. 720,322. 4 Claims. (Cl. 93—68.)



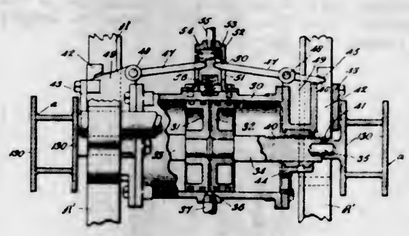
1. In a gumming device, a gum receptacle having feeding openings, and means for supporting said gum receptacle adapted to be operated to remove the receptacle from engagement with the sheets to be gummed and coincidentally interrupting the feeding of the gum.

1,575,565. TRANSMISSION-CLUTCH CONTROL. ERNEST C. FREEMAN, Endicott, N. Y. Filed Sept. 2, 1925. Serial No. 54,071. 15 Claims. (Cl. 74—39.)



1. In combination with the clutch and brake of an automobile transmission and shafts therefor, pedals rigid on said shafts, means operated by said brake shaft for disengaging said clutch and locking it in such disengaged position, and means operated by said clutch pedal for releasing said locking means.

1,575,566. TRENCH-WALL SUPPORTER. SYDNEY BURT GARDNER, Benson, Minn. Filed Feb. 5, 1925. Serial No. 7,121. 17 Claims. (Cl. 254—93.)



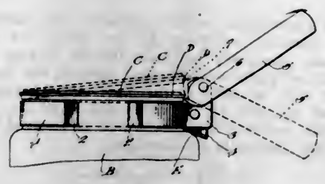
8. In a trench wall supporting machine, a pair of relatively movable sections; fluid pressure means for expanding said sections laterally; means for locking said sections; fluid pressure releasable means for unlocking said sections; additional fluid pressure means for moving said sections longitudinally relative to one another; and a singe valve for controlling all of said fluid pressure means.

1,575,567. COLLAPSIBLE CONTAINER. WILLIAM HENRY GREGORY GEAKE, Killara, near Sydney, New South Wales, Australia. Filed Sept. 11, 1924. Serial No. 737,145. 7 Claims. (Cl. 221—60.)



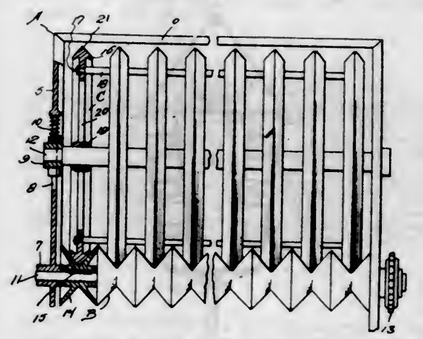
1. A container for fluent substance comprising nested dished members peripherally joined, the superposed of said members being of relatively hard material and the other of relatively flexible and soft material, the latter being evertible by pressure of its contents when the receptacle is filled, to form with said superposed member, a chamber.

1,575,568. LID REMOVER. PAUL D. GERHART, Exeter, Calif. Substitute for application Serial No. 516,398, filed Nov. 19, 1921. This application filed Nov. 28, 1924. Serial No. 752,771. 1 Claim. (Cl. 81—3.1.)



A lid remover comprising a split band for engagement around a jar neck, said band being formed with a folded portion to provide a projection extending at right angles to the band, wings at the lower end of the projection and extending in opposite directions for bearing on the shoulder of the jar and a lever pivoted to the projection to swing vertically and a tooth on the inner end of the lever for engagement under the jar cap.

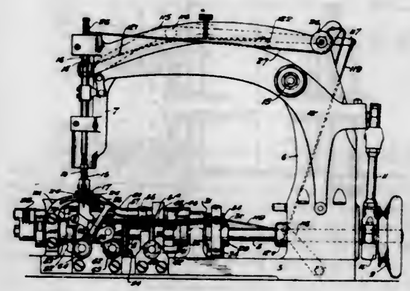
1,575,569. FLAX-PULLING ATTACHMENT FOR GRAIN BINDERS. SAMUEL S. GILBERT, Albany, Oreg. Filed Oct. 13, 1925. Serial No. 62,280. 5 Claims. (Cl. 55—66.)



1. A flax pulling machine of the class described including a frame, an axle mounted in the frame, a main drive roller on the axle, a floating shaft journaled in the frame, and a reel structure on said shaft for association with the roller.

2. A flax pulling machine of the class described including a frame, an axle mounted in the frame, a main drive roller on the axle, a floating shaft journaled in the frame, and a reel structure on said shaft for association with the roller, said roller including a plurality of sections, each section having an annular V-shaped groove therein.

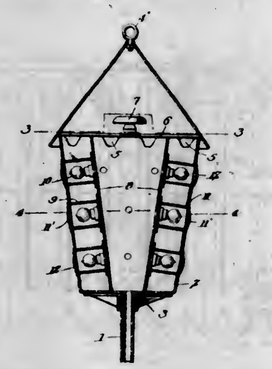
1,575,570. TUFTING-ATTACHMENT MECHANISM FOR SEWING MACHINES. JOHN MILTON GLADISH, Chattanooga, Tenn., assignor, by mesne assignments, to Carter Brothers, a Firm composed of August J. Carter and Peyton L. Carter, Chattanooga, Tenn. Filed June 23, 1924. Serial No. 721,860. 27 Claims. (Cl. 112—79.)



1. In a machine of the class specified, the combination with a single reciprocating needle, means for guiding a strand thereto, loop forming mechanism comprising a slotted abutment and a reciprocating device partially

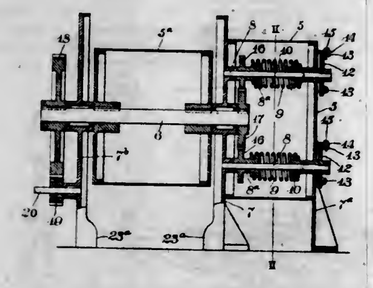
movable into the abutment, and means separate and apart from the reciprocating device for holding portions of the successive loops during the operation of the needle to produce successive loops of uniform dimensions.

1,575,571. TRAFFIC SIGNAL. ALBERT M. GRAY, Newport News, Va. Filed Feb. 21, 1921. Serial No. 446,628. 1 Claim. (Cl. 177—329.)



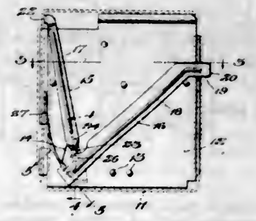
A signal comprising a support, a housing mounted thereon and having downwardly and inwardly converging side walls, partition walls arranged within the housing and disposed parallel with and spaced from the side walls of the housing, inclined wall sections located in the space between the side walls and the partition walls of the housing and dividing the space into compartments, the median longitudinal dimensions of the compartments being disposed at acute angles to the axis of the support, transparent disks carried by the side walls of the housing and disposed at the other ends of the compartments and bulbs mounted upon the partition walls of the housing and disposed interiorly of the compartments.

1,575,572. WINDING AND COUNTERBALANCING MECHANISM FOR CURTAINS. RALPH H. GREGOOR, Columbus, Ohio, assignor to The Kinnear Manufacturing Company, Columbus, Ohio, a Corporation of Ohio. Filed June 27, 1924. Serial No. 722,883. 4 Claims. (Cl. 189—57.)



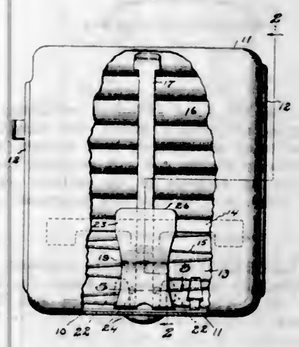
1. A counterbalancing mechanism for a rolling curtain, including a winding shaft therefor provided with a spur gear fixed thereto, said counterbalancing mechanism including a frame, a spur gear mounted in the frame on an axis parallel to the axis of the curtain winding shaft and in position to be driven by the spur gear of the curtain winding shaft when the curtain is wound and unwound, a coil spring connected at one end with said second named spur gear to be wound and unwound when the curtain is unwound and wound respectively, said coil spring having its other end fixed to the frame.

1,575,573. CIGARETTE CASE. ERNEST GREGORY, Derby, Conn., assignor to The Lyons Manufacturing Company, New Haven, Conn., a Corporation of Connecticut. Filed Dec. 29, 1923. Serial No. 683,408. 2 Claims. (Cl. 206—41.)



1. In mechanism of the character described; an inner plate having an opening therethrough; an ejector lever pivotally connected thereto adjacent to said opening and having an offset portion projecting into said opening and movable therein; a primary lever; and a pivot connection between said primary lever and ejector lever at said offset portion.

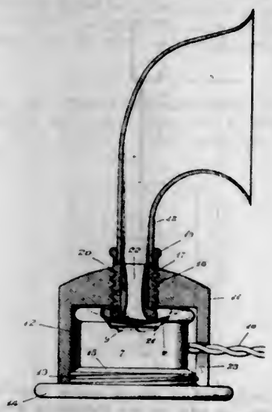
1,575,574. STOP MECHANISM. ERNEST GREGORY, New Haven, Conn., assignor, by direct and mesne assignments, to The Lyons Manufacturing Company, New Haven, Conn., a Corporation of Connecticut. Filed Feb. 2, 1925. Serial No. 6,308. 6 Claims. (Cl. 206—41.



1. The combination with a cigarette case having one member movable relatively to the other; of a stop mechanism immovably mounted therein, having a plurality of foot portions and a head portion, the outer end of which is at an angle to the inner end, whereby when positioned the edge of the outer end is in the path of one of the movable members which is engaged thereby and is thus limited in its movement.

1,575,575. AMPLIFIER FOR TELEPHONE RECEIVERS. JOHN LAYTON GUERRANT, Fresno, Calif. Filed Jan. 31, 1924. Serial No. 689,697. 6 Claims. (Cl. 179—146.)

4. An amplifier comprising a case for enclosing a telephone receiver, a screw cap for the case, a horn having a neck screw-threaded into the case opposite to said cap, and a gasket carried by the inner end portion of said



neck to contact with said receiver, with the receiver clamped between said gasket and cap.

1,575,576. PLATE LIFTER. MARIA GUITIAN, Habana, Cuba. Filed Nov. 25, 1925. Serial No. 71,394. 2 Claims. (Cl. 294—27.)



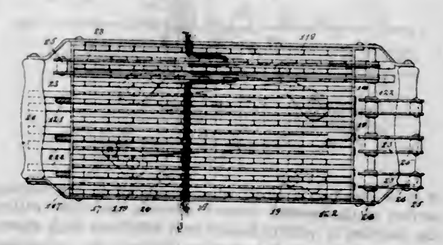
1. A plate lifter comprising a head arranged for the attachment of a handle thereto and a pair of spring jaws projecting from said head and each substantially an equilateral triangle in form, said jaws being arranged in spaced relation and at a slight angle to each other so that the space between said jaws contracts toward the inner ends of the jaws, said jaws having recesses in their opposing sides and pads in said recesses.

1,575,577. HAND-DRIVEN CIRCULAR SAW. THOMAS GUZA, Flint, Mich. Filed Nov. 17, 1922. Serial No. 601,569. 1 Claim. (Cl. 143—43.)



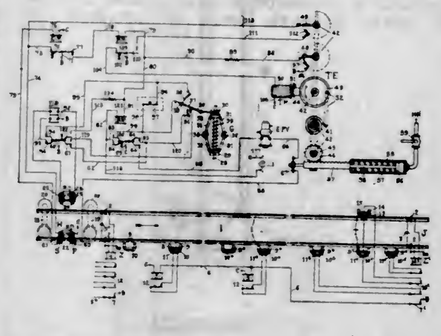
In a device of the class described, a housing comprising a plurality of elements, means for connecting said elements of the housing and permitting relative adjustment, a shaft rotatable in the housing, means for connecting a tool with the shaft, means for driving the shaft, a spring mounted and adjustable gage carried by one element of the housing and movable vertically with reference to the lower portion of the housing, the tool and gage operating in approximately parallel planes, and one of said adjustable elements of the housing being movable laterally with reference to the adjacent surface of the saw.

1,575,578. HAIR WAVER. EMMA HAGEMEISTER, New York, N. Y. Filed Apr. 24, 1925. Serial No. 25,681. 4 Claims. (Cl. 132—31.)



4. A hair waver including heating elements, a series of fixed combs in rigid relation to the heating elements in the general longitudinal plane thereof, additional fixed combs alternating with the first mentioned fixed combs, and movable combs alternating with the fixed combs and shiftable longitudinally thereto.

1,575,579. TRAIN CONTROL. WINTHROP K. HOWE, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y. Filed Jan. 4, 1924. Serial No. 684,357. 22 Claims. (Cl. 246—63.)

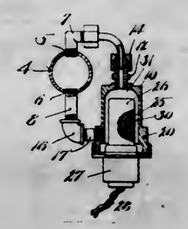


1. An automatic train control system comprising, normally inactive means which when initiated sets up a restricted speed limit and effects an automatic brake application if this speed limit is exceeded, and means including a device which responds to the reception of two successive control influences if received in less than a predetermined time for initiating said means.

1,575,580. HEATER FOR LIQUID-CIRCULATING SYSTEMS. EDWARD C. JOHNSTONE, Spartanburg, S. C. Filed May 26, 1925. Serial No. 33,012. 2 Claims. (Cl. 219—38.)

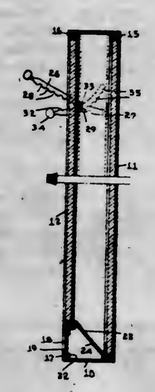
1. A heater for liquid circulating systems, comprising a heating chamber, means permitting the flow of liquid

into and out of said heating chamber, and a removable electric heating element located within said heating chamber, said heating element having such proportions relative to the heating chamber that the liquid capacity



of such chamber is small when compared to the heating surface of the heating element, whereby the liquid within the chamber is quickly heated to a relatively high degree and propelled from the chamber through the circulating system.

1,575,581. WINDSHIELD FOR CLOSED CARS. ALBRIDGE C. JORDAN, Eau Claire, Wis. Filed June 9, 1925. Serial No. 36,000. 3 Claims. (Cl. 296—94.)



1. A device of the kind described comprising a frame, windshields hinged at their upper edges to the upper edge of the frame, the one being narrower than the other, and a ventilator disposed below the narrower shield and covered by the wider shield when the latter is in closed position.

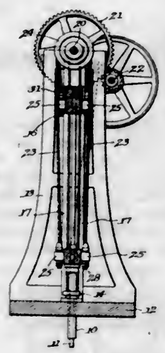
1,575,582. NAIL DRIVER AND SET. ERNEST M. JOY, Hollywood, Md. Filed Nov. 18, 1925. Serial No. 69,873. 2 Claims. (Cl. 1—47.)

1. A nailing tool designed to inset nails a predetermined distance below the surface of material into which nails may be driven, comprising a body having a bore therein, a pin slidable in said bore, a head on the pin to receive the impact of a hammer, said pin being of such length that when the nail is driven said predetermined



distance the said head of pin is spaced from said body, and an indicator on said pin for indicating when the pin has been driven to said predetermined depth.

1,575,583. DUPLEX PUMP GEAR. ALBERT H. KENNEDY, Rockport, Ind. Filed July 14, 1924. Serial No. 726,014. 7 Claims. (Cl. 74—14.)



3. A pump gear for duplex pumps having concentric sucker rods comprising a frame, a pair of cross-heads on the sucker rods mounted in the frame, means for reciprocating said cross-heads simultaneously in opposite directions and means to balance the reciprocating parts.

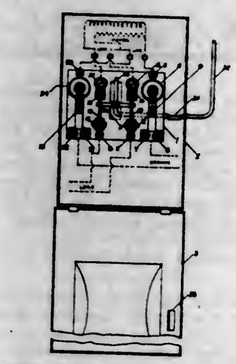
1,575,584. CRYSTALLIZER. MARTIN J. KERMER, Evanston, Ill. Filed Apr. 2, 1924. Serial No. 703,832. 6 Claims. (Cl. 257—86.)



1. A crystallizer comprising two concentric conduits, the outer conduit to contain a temperature changing agent and the inner conduit to contain material to be acted upon; a conveyor within the inner conduit to move

a portion of said material in a given direction thru the conduit; another conveyor to move a portion of said material to a less extent in an opposite direction; an axially positioned shaft comprising a part of both conveyors and bearings for the shaft at intervals within the inner conduit.

1,575,585. EXTERNALLY-OPERATED CURRENT-CONTROLLING DEVICE. BENJAMIN C. KING, Brooklyn, N. Y. Filed June 25, 1924. Serial No. 722,418. 11 Claims. (Cl. 200—50.)



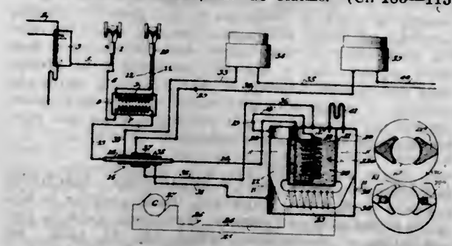
7. In a device of the class described, a base, a circuit controlling device, means to hold the same to the base, and means to actuate the circuit controlling device, a groove being made in the base forming a bearing in which the actuating means is adapted to work.

1,575,586. WATER EXCLUDER. REINOLDT KLATTENBURG and JENS M. NIELSEN, Albion, Nebr. Filed Oct. 11, 1923. Serial No. 667,828. 4 Claims. (Cl. 257—125.)



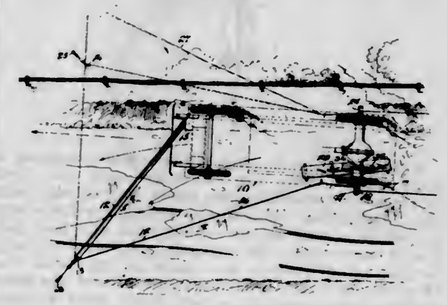
1. A radiator overflow pipe attachment of the character described comprising a body portion slit longitudinally throughout its length, and a top overlying the upper end thereof as and for the purpose specified.

1,575,587. SEPARATION OF GASEOUS OR LIQUID MIXTURES. PIERRE E. HAYNES, Buffalo, N. Y., assignor to The Linde Air Products Company, New York, N. Y., a Corporation of Ohio. Filed Sept. 2, 1919. Serial No. 321,205. 15 Claims. (Cl. 183—115.)



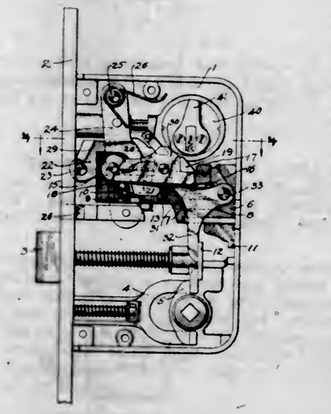
1. The method of separating fluid mixtures having fluid constituents of different magnetic susceptibilities, which consists in passing a stream of the mixture through a conduit having a permeable wall and magnetically acting upon the mixture transversely of the stream to cause the constituent having the greater magnetic susceptibility to pass through the permeable wall out of the stream.

1,575,588. EXTRICATING MEANS FOR VEHICLES. CHARLES L. HOOEY, Dover, N. J. Filed Sept. 17, 1923. Serial No. 663,310. 1 Claim. (Cl. 180—7.)



A means for extricating ditched motor cars comprising a rope adapted to be secured around the driving wheels of the car and to be secured to a point beyond the car, a portable platform, and a carriage adapted to be detachably secured to the rear axle housing and to form a rolling means for one side of the car on the said platform, the carriage being disposed so as to cause the wheel of the car to clear the ground whereby the speed of the car is controlled entirely by the coiling of the rope.

1,575,589. LOCK. NORMAN B. HURD, New Britain, Conn., assignor to The American Hardware Corporation, New Britain, Conn., a Corporation of Connecticut. Filed Mar. 27, 1925. Serial No. 18,760. 6 Claims. (Cl. 70—46.)



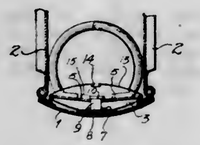
1. In a lock, a lock case, a latch in said case, a slide bolt in said case for locking said latch in projected position, a tumbler carried by said slide bolt for locking the same in one position, and a stump cooperating with said tumbler for dogging the same in one position, said stump being movably mounted so as to be movable to an operative and an inoperative position.

1,575,590. CLOTHESPIN. CLIFFORD LIMPRIGHT, Marysville, Wash., assignor to Utility Manufacturing Company, Marysville, Wash., a Corporation. Filed Sept. 29, 1924. Serial No. 740,494. 1 Claim. (Cl. 24—260.)



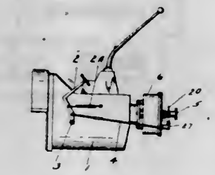
A clothes pin of the character described comprising a single piece of spring wire bent at the center upon itself to provide a connecting loop and a pair of legs; said legs being formed straight and extending substantially parallel in slightly spaced relation from said loop and, toward their ends, bent outwardly and then inwardly, forming an intermediate open space for the clothes line when the pin is not functionally in use; said legs being provided with outwardly curled, closed loops at their ends; normally engaged so as to close the said open space to retain the pin on the line, and a ring slidable in the straight formed part of said legs as a means of limiting their spread and their extent of projection over a line.

1,575,591. RING-BOOK LOCK. GEORGE W. NEWMAN, Chicago, Ill., assignor to Wilson-Jones Loose Leaf Company, a Corporation of Massachusetts. Filed May 31, 1924. Serial No. 716,888. 8 Claims. (Cl. 129—24.)



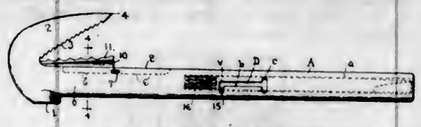
7. In a ring book comprising hook carrying members having limited movement and a manually operable member for locking said first members nt one limit of movement.

1,575,592. OIL-COMPRESSION BRAKE. OMI GRANT PHILLIPS, Portland, Oreg., assignor of one-half to Kathryn B. Swift, Portland, Oreg. Filed Oct. 15, 1924. Serial No. 743,720. 4 Claims. (Cl. 188—90.)



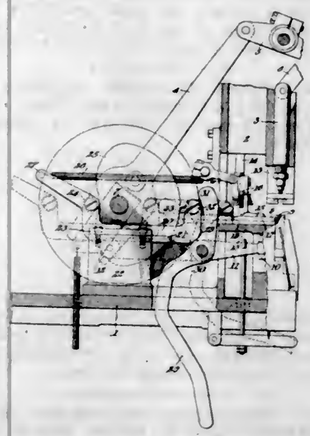
1. An oil compression brake comprising a driven shaft, a housing about said shaft, a closure for said housing, a rotor within said housing adapted to rotate with the driven shaft, slots within the rotor adapted to maintain vanes in slidable relation with said slots, an actuator adapted to rotate with the driven shaft and in slidable relation therewith and adjustable through the end closure, sloping surfaces within the actuator adapted to position the vanes, an annular groove connected to a filling well and an operating fluid within the well.

1,575,593. PIPE WRENCH. JACOB H. SEITER, Marion, Ohio, assignor of one-half to Oscar Sipes, Galion, Ohio. Filed Nov. 13, 1923. Serial No. 674,547. 1 Claim. (Cl. 81—179.)



A tool of the character described comprising a head having a gradually curved outer surface, a stationary jaw formed on said head, a hollow handle having a dove-tailed groove formed therein adjacent said head and continued into a groove of rectangular formation, a removable jaw slidably mounted in said dove-tail groove and disposed in operative relation to said stationary jaw, and a pin passing through aligned openings in the handle adjacent the groove therein, to limit movement of the removable jaw in the said groove.

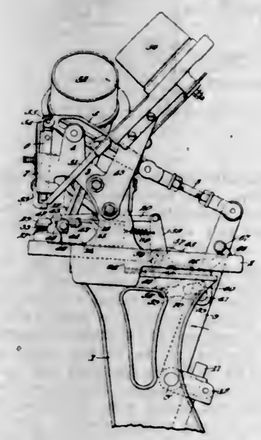
1,575,594. FEED-ACTUATING DEVICE FOR BUTTON-ATTACHING MACHINES. FRANK E. WARNER, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Aug. 29, 1923. Serial No. 659,998. 2 Claims. (Cl. 218—6.)



2. In a feed actuating device for button attaching machines, a tack pusher, a cam, means connected with said pusher and cooperating with said cam for imparting automatic tack feeding movement to said pusher, a yielding member cooperating with said connecting means for causing cooperation of said means with said cam, a fixed pivot member, and a normally quiescent lever pivoted upon said member adjacent to said connecting means and operable to engage with said means to move said pusher against the influence of said yielding member and independently of its automatic operation.

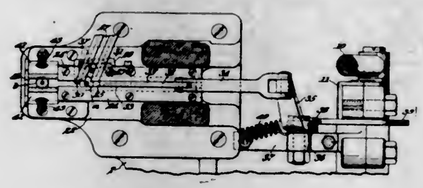
1,575,595. FASTENER-ATTACHING MACHINE. FRANK E. WARNER, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Apr. 10, 1924. Serial No. 705,664. 8 Claims. (Cl. 218—6.)

1. In a fastener attaching machine, a setting anvil, a setting plunger, a raceway communicating with said anvil, a chute communicating with said raceway and adapted to feed fastener parts thereto, a push finger cooperating with said raceway and adapted to advance to the anvil the fastener parts fed to said raceway, and a stop and brake member arranged in cooperative relation to said raceway and adjacent to the discharge end of said



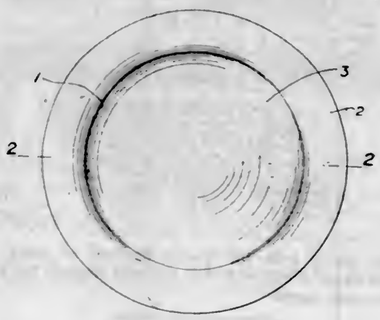
chute, said member adapted to prevent entrance into said raceway from said chute of more than one fastener part at a time and to frictionally engage such fastener parts during their initial movement by said push finger and until said push finger engages said member, to prevent premature movement of said fastener parts in said raceway.

1,575,596. FASTENER-SETTING MACHINE. FRANK E. WARNER, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Apr. 22, 1924. Serial No. 708,255. 2 Claims. (Cl. 218—6.)



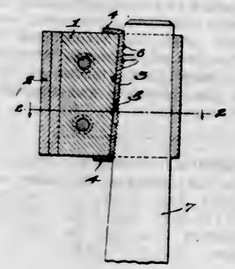
1. In a fastener setting machine, a setting anvil, guides forming a raceway communicating with said anvil, a chute communicating with and adapted to supply fastener parts to said raceway, a detent pivoted adjacent to the discharge end of said chute and having a finger normally obstructing said raceway and underlying one of said guides and adapted to engage the heads of fastener parts fed to said raceway from said chute, whereby such fastener parts may be maintained in predetermined position in said raceway.

1,575,597. FIBER OR LIKE PLATE. ANDREAS BOTHE, Oreland, Pa., assignor to Kleen Products Company, Inc., North Wales, Pa., a Corporation of Delaware. Filed Oct. 13, 1922. Serial No. 594,239. 1 Claim. (Cl. 65—15.)



A fiber or like plate having a rim, an annular wall and a bowl, the said wall being steep and fabricated of fibers more widely spaced or separated than in the remainder of the structure, the bottom of said bowl and the said rim being convex on any cross-sectional line to provide rigidity.

1,575,598. PICKER. ALEXANDRE GAGNON, Biddeford, Me., assignor of one-third to James A. Andrews and one-third to John W. Herbert, both of Biddeford, Me. Filed Aug. 6, 1925. Serial No. 48,480. 3 Claims. (Cl. 139—159.)

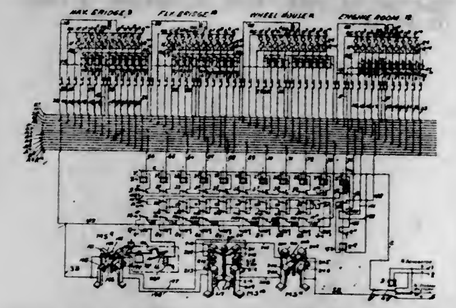


1. In combination with a picker head having a socket, a plate in the socket having a serrated face formed to engage the front side of a picker stick, said plate having its ends bent along transverse lines and extending outwardly of the front face of the stick and engaged with the top and bottom ends of the head, said plate having an opening therethrough formed to register with the impact point of the shuttle.

1,575,599. SHIP TELEGRAPH. WILLIAM REED HORNBERGER, Philadelphia, Pa., assignor of one-half to Charles A. Gehrmann, Philadelphia, Pa. Filed Nov. 28, 1919. Serial No. 341,004. 30 Claims. (Cl. 177—334.)

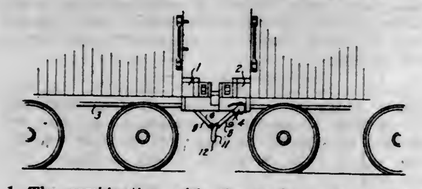
1. The combination of an order instrument with order and reply signals, locally operated means for closing a

circuit through a selected order signal, control means providing the return path of said circuit when normally positioned, and distantly operated means for moving said



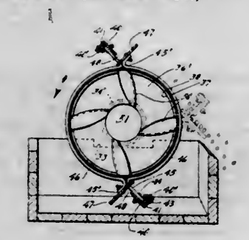
control means from the normal position to break the control signal circuit and close a circuit through the companion reply signal.

1,575,600. AIR-HOSE NIPPLE. HERBERT DEAN, Brandon, Manitoba, Canada, assignor of one-half to George Samuel Morris, Brandon, Canada. Filed Mar. 9, 1922. Serial No. 542,407. 4 Claims. (Cl. 285—204.)



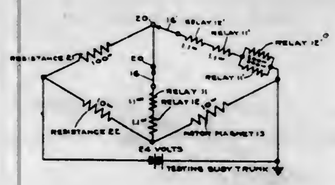
1. The combination with the angle cocks of the air pipes of adjoining train sections, of similar nipples screw threaded to the angle cocks and presenting rigid hollow extensions extending angularly downwardly and outwardly from the angle cocks and having their lower ends angularly deflected further outwardly towards one another and short flexible hose attached to the angularly deflected ends of the extensions and adapted to be detachably coupled one to the other.

1,575,601. SCREENING DEVICE. CURT G. KNOBLAUCH, Chicago, Ill., assignor, by mesne assignments, to Goodwin Garst, Lake Bluff, Ill. Original application filed Nov. 26, 1923, Serial No. 677,132. Divided and this application filed Feb. 16, 1925. Serial No. 9,377. 8 Claims. (Cl. 209—284.)



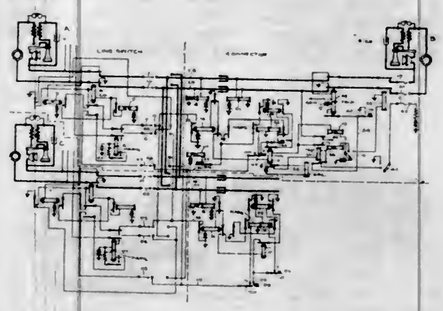
1. A screening device comprising in combination a liquid container, a rotary screen operating in the liquid in said container and having a trunnion at each end, means extending laterally outward from said screen for elevating and deflecting material from said container, and members adjustably mounted on said elevating means for adjusting said elevating means for capacity.

1,575,602. AUTOMATIC TELEPHONE SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Apr. 3, 1922. Serial No. 548,943. 14 Claims. (Cl. 179—18.)



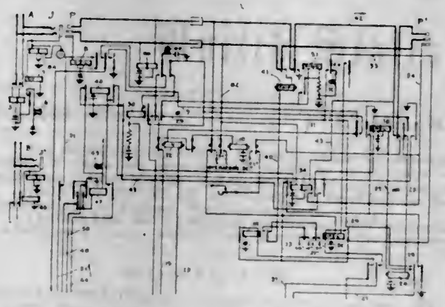
6. In an automatic telephone system, a plurality of automatic switches, each provided with sets of movable contacts and fixed terminals, a plurality of pairs of telephone lines, each pair of telephone lines terminating in the movable contacts of an automatic switch, a plurality of pairs of trunks multiply connected to the fixed terminals of a plurality of said switches, a test conductor for each pair of trunks, means including a motor magnet for advancing the movable contacts of each switch on the iniation of a call over one of its lines to successively engage the fixed contact of the various pairs of trunks, a battery, a cut-off relay for disabling said motor magnet when an idle pair of trunks is located, an initial energizing circuit for said cut-off relay extending through a movable contact of said switch and the test conductor of an idle pair of trunks to one terminal of said battery, and a holding circuit for said cut-off relay extending through a second winding of said cut-off relay, said switch contact and said conductor to the other pole of battery.

1,575,603. AUTOMATIC TELEPHONE SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Nov. 6, 1922. Serial No. 599,202. 15 Claims. (Cl. 179—18.)



1. In an automatic telephone system, two groups of telephone lines, a group of numerical switches individual to each group of telephone lines, means including a non-numerical switch for extending a calling telephone line to an idle numerical switch, means for operating and releasing said numerical switch in response to a series of impulses, means responsive to such operation for causing said non-numerical switch to select a numerical switch in the group of switches common to the group of telephone lines in which the wanted telephone line is located, and means for directively operating said last mentioned numerical switch.

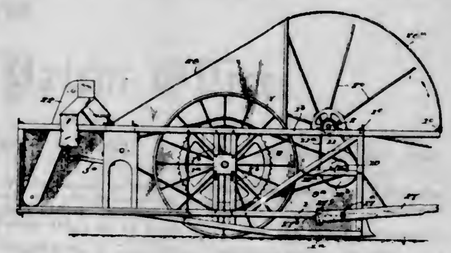
1,575,604. MANUAL TELEPHONE SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Jan. 30, 1924. Serial No. 689,570. 11 Claims. (Cl. 179—9.)



1. In a telephone system, a telephone line provided with a message-charging device, a second telephone line, means including a cord circuit terminating at each end in a manual switch for interconnecting said telephone lines, a normally inoperative progressively movable switch associated with said cord circuit, automatic means responsive to the completion of a telephone connection between two telephone lines for operating said switch and means including said progressively movable switch for controlling the operaion of said message-charging device.

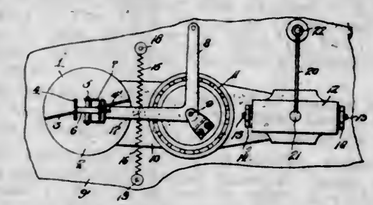
1,575,605. HARVESTER. HARVEY S. CLAPP, Accotink, Va. Filed Dec. 6, 1924. Serial No. 754,321. 4 Claims. (Cl. 56—19.)

1. A harvester for beans and the like comprising a frame open in front, a receiving table extending across the lower front part of the frame, transverse journal bearings carried on the upper part of the frame, approximately in a vertical plane through the front edge of said table, a transverse beater shaft having its ends journaled in said bearings, and a series of elongated separate individual beater arms extending out radially from said shaft of such a length as to just clear the upper surface of said table, and so spaced and arranged with respect to each other and to the dimensions of the product to be harvested along and around the shaft that when the latter is rotated, substantially every unit of area on said table surface of approximately the magnitude of a unit of said product will be swept over by a beater arm in each revolution of the shaft, together with suitable conveyer means extending from beneath the rear edge of the table to the upper part of the rear of



the frame, cleaning and gathering means arranged in the rear of the frame to receive the product of the beater from said conveyer, and power actuating means for the beater, conveyer and other members.

1,575,606. SIGHTING DEVICE. JAMES BLACKLOCK HENDERSON, Lee, England. Filed July 26, 1919. Serial No. 313,532. 14 Claims. (Cl. 89—27.)



2. In apparatus for automatically compensating for the angular movement of a controlled mechanism during a predetermined interval of time, the combination of a member movably mounted with respect to the controlled mechanism, a gyroscope mounted upon a supporting axis and adapted to partake of the angular movement of the mechanism, a constraining connection between the gyroscope and the mechanism effective about said axis and means whereby the precession of the gyroscope resulting from such movement produces a displacement of the member with respect to the mechanism.

Patents Nos. 1,575,607 to 1.576,493.

THE

OFFICIAL GAZETTE

OF THE

United States Patent Office.

Vol. 344—No. 2. TUESDAY, MARCH 9, 1926. Price—$5 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, $5.00 per annum; single numbers, 10 cents each.

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Designs	61	No. 60,622 to No.	60,682,	inclusive.
Patents	887	No. 1,575,607 to No. 1,576,493,		inclusive.
Total	1,431			

Attorneys.

(Order No. 2,946.)

U. S. Patent Office, *Washington, Feb. 25, 1926.*

Order No. 1,755, of March 12, 1908, disbarring Warren E. Willis from practice before the United States Patent Office, is hereby revoked and Mr. Willis is reinstated and given his former registration number on the records of this Office.

THOMAS E. ROBERTSON,
Commissioner.

PATENT SUITS.

1,524,088, H. Ernst, Door guard, decree Jan. 13, 1926, holding patent not infringed, suit dismissed, D. C., W. D. Wis., Doc. E 78, *H. Ernst* v. *Faultless Protection Co.*

1,526,982, E. W. Hill, Stencil sheet, defendant enjoined from further infringing (notice dated Jan. 7, 1926) D. C., N. D. Calif. (S. Div.), Doc. E 1576, *A. B. Dick* v. *The Styx Co.*

1,527,427, A. Dinkiage, Anchoring device, consent and order of discontinuance Jan. 11, 1926, D. C., S. D. N. Y., Doc. E 34/345, *Creepcheck Co., Inc.*, v. *P. & M. Co.*

1,535,981, 1,535,982, F. S. Carr, Fastener, suit filed Nov. 16, 1925, D. C., N. D. Ill. (E. Div.), Doc. 5315, *Carr Fastener Co.* v. *The Belmor Mfg. Co. et al.*

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Re. 13,730, P. Weston, Method of making paper, suit filed Jan. 11, 1926, D. C. Mass., Doc. E 2516. *Byron Weston Co.* v. *L. L. Brown Paper Co.*

Re. 14,002, Re. 14,003, J. R. Surrell, Boiler furnace and feed-water heater, decree of district court affirmed (notice dated Jan. 11, 1926), C. C. A. (2d Cir.), Doc. 8818, *J. R. Surrell et al.* v. *Pierce Butler et al.*

Re. 14,003. (See Re. 14,002.)

Re. 14,492. (See 1,048,654.)

Re. 14,581. (See 1,048,654.)

Re. 15,217, W. A. Caldwell, Ventilated grain-crib stave, suit filed Dec. 21, 1925, D. C., N. D. Iowa (W. Div.), Doc. E 165, *Iowa Concrete Crib & Silo Co. v. C. J. Schmitt.*

Re. 15,881, C. W. Prickett, Concrete and wood floor construction device, bill dismissed (notice dated Jan. 11, 1926), D. C., S. D. Iowa (Central Div.), Doc. E 4261, *The Bull Dog Floor Clip Co. et al.* v. *Munson Mfg. Co.*

Des. 62,224, Steffan, Ackermann & Greiner, Pencil, suit filed Jan. 7, 1926, D. C., W. D. Wis., Doc. E 91-F, *W. C. Steffan et al.* v. *The Parker Pen Co.*

Des. 65,811, J. K. Kabalan, A shawl, consent decree sustaining patent and granting injunction Jan. 13, 1926, D. C., S. D. N. Y., Doc. E 30/311, *J. K. Kabalan* v. *Cleopatra Needle Art Corp. et al.*

Des. 68,278, J. Sasieni, Tobacco pipe, suit filed Jan. 5, 1926, D. C., S. D. N. Y., Doc. E 35/107. *M. Rapaport et al.* v. *A. Orlik.*

Des. 68,903. (See 1,559,234.)

T. M. 22,406, T. M. 47,189, The Coca Cola Co., Nutrient or tonic beverage, final decree Jan. 2, 1926, perpetually restraining defendant from infringing, D. C. Minn. (2d Div.), Doc E 78, *The Coca Cola Co.* v. *J. C. Jenson* (*St. James Bottling Works*).

T. M. 47,189. (See T. M. 22,406.)

Condition of Applications Under Examination at Close of Business February 26, 1926.

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 40,609; Trade-Mark Division, 2,040. Oldest new case, Aug. 7, 1925; oldest amended, Aug. 7, 1925. The dates given are 1925 except where † indicates 1926.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Harrows and Diggers; Plant Husbandry; Plows; Planting; Scattering Unloaders	Dec. 7	Dec. 10	572
126	2. HADEN, C. F., Bee Culture, Dairy; Preserving; Presses; Tobacco	Nov. 13	Oct. 24	591
331	3. RICH, WM. J., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working	Nov. 23	Nov. 25	815
234	4. MERRITT, A. D., Conveyers, Chutes, Skids, Guides, and Ways; Conveyers, Fluid Current; Conveyers, Power Driven; Excavating; Handling—Hand and Hoist-Line Implements; Material or Article Handling; Pushing and Pulling Implements; Traversing Hoists.	Dec. 1	Nov. 30	525
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording and Reproducing; Tying Cords or Strands.	Sept. 28	Sept. 28	853
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Hides, Skins and Leather; Sugar and Starch; Concentrating Evaporators.	Nov. 20	Nov. 3	1,054
106	7. JARBOE, C. O., Amusement and Exercising Devices; Toys; Optics; Photography	Dec. 11	Dec. 8	774
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Dec. 5	Dec. 7	1,035
221	9. TRYON, F. M., Air and Gas Pumps; Hydraulic Motors; Injectors and Ejectors; Motors, Fluid; Motors, Fluid Current; Pumps.	Dec. 7	Oct. 23	554
118	10. HUNTER, O. F. (Acting), Motor Vehicles; Land Vehicles—Animal Draft Appliances, Bodies and Tops, Dumping.	Nov. 6	Nov. 6	969
148*	11. ARMSTRONG, H. C., Boot and Shoe Making; Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whips and Whip Apparatus; Cutting and Punching Sheets and Bars; Driven, Headed, and Screw-Threaded Fastenings.	Dec. 7	Dec. 5	700
280	12. PIERCE, P. P., Machine Elements	Dec. 1	Nov. 28	647
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning.	Dec. 1	Dec. 30	621
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Nov. 2	Nov. 19	872
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Dec. 7	Dec. 9	503
342*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Nov. 5	Oct. 30	935
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Nov. 13	Nov. 18	880
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Nov. 3	Oct. 21	794
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Oct. 15	†Jan. 2	838
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Dec. 4	Dec. 3	754
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Nov. 25	Nov. 25	656
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms; Ordnance; Ammunition and Explosive Devices; Ammunition and Explosive-Charge Making; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Dec. 7	Dec. 9	825
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 2	Sept. 29	835
147*	24. DURAS, C. O., Apparel; Apparel Apparatus Garment Supporters; Sewing Machines	Dec. 8	Dec. 21	484
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Dec. 5	Dec. 5	771
22*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Sept. 9	Sept. 5	741
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	Dec. 29	Dec. 30	813
225	28. BENSON, A. R., Internal-Combustion Engines	Dec. 26	Dec. 26	675
160*	29. MORRIS, B. N., Abrading; Boring and Drilling; Button Making; Chucks or Sockets; Coopering; Tool-Handle Fastenings; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Aug. 7	Aug. 7	1,101
248	30. SULLIVAN, M. R., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Dec. 1	Nov. 24	832
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	†Jan. 4	†Jan. 4	732
249	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Nov. 9	Nov. 7	893
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	†Jan. 4	Dec. 28	607
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways; Railway Rolling Stock; Railway Switches and Signals; Railways, Surface Track; Railway Wheels and Axles; Store Service; Track Sanders; Vehicle Fenders.	Sept. 24	Sept. 28	675
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Dec. 4	†Jan. 16	806
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Nov. 15	Dec. 3	1,037
224*	37. TAYLOR, E. C., Electricity, Circuit Makers and Breakers	Dec. 4	Nov. 23	875
145	38. IDE, G. R., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Aug. 31	Oct. 3	852
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Nov. 28	Dec. 3	472
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Cloth, Leather, and Rubber Receptacles; Deposit and Collection receptacles; Metallic Receptacles; Package and Article Carriers; Paper Receptacles; Special Receptacles and Packages; Wooden Receptacles.	Nov. 21	Nov. 21	1,055
125	41. BROWN, J. L., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Nov. 27	Dec. 8	420
223*	42. CUTTING, H. O., Electrical Conduits and Housings, Electric Signaling	Nov. 6	Oct. 27	1,096
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Nov. 14	Nov. 24	791
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Sept. 26	Sept. 9	879
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Dec. 1	Dec. 2	508
233	46. WOLCOTT, C. L., Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Nov. 24	Nov. 19	602
214	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Nov. 2	Nov. 5	1,132
213*	48. ROEPKE, O. B., Electricity, Conductors; Electricity, General Applications	Sept. 23	Sept. 23	1,672
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Pneumatics; Velocipedes; Driers; Liquid Separation or Purification.	Dec. 5	Dec. 5	581
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Oct. 17	Oct. 21	1,191
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission; Electric Lamps	Oct. 16	Oct. 7	1,731
144	52. MORGAN, E. T., Supports; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings.	Dec. 11	Dec. 10	596
241*	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Dec. 14	Dec. 17	713
102	DESIGNS: C. O. MARKHAM (Acting)	†Feb. 5	†Feb. 12	334
163	TRADE-MARKS, LABELS, AND PRINTS: T. L. MEAD, JR. — Trade-Marks	†Jan. 13	†Feb. 6	1,919
	— Labels and Prints	†Jan. 28	†Feb. 12	121

*Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

U. S. Circuit Court of Appeals—Second Circuit.

INTERNATIONAL CORK CO. *v.* NEW PROCESS CORK CO.

[6 (2d) Fed. Rep. 420.]

Decided February 16, 1925.

1. INVENTION—SUBSTITUTION OF MATERIALS.

Where bottle caps were formerly made by placing fusible gum into cup-shaped metallic shells, inserting cork disks above the gum, and then heating the shells and holding the disks in them under pressure until the cement hardened, a patent was held valid the claims of which covered the use of albumen instead of fusible gum, and hardening by heat, the new invention resulting in doubled production at less cost, due to increased speed, reduced fire hazard, insensitiveness to weather conditions, and great diminution in the number of imperfect caps.

2. SPECIFICATION—FULLNESS AND EXACTNESS OF DISCLOSURE—PROPORTIONS.

A patent which does not state the proportions of ingredients is not invalid if any proportion within reason will answer.

3. SAME—DEFINITIONS OF TERMS.

A patentee may define his own terms, regardless of common or technical meaning.

4. ANTICIPATION—SAME SUBSTANCE APPLIED TO DIFFERENT MATERIALS TO PRODUCE DIFFERENT ARTICLES.

A patent which taught the art only that soft cork could be made by grinding cork, mixing it with a solution of albumen, reducing its bulk by pressure, and subjecting the molds containing it to moist heat, does not teach the art that a cork disk can be cemented into a bottle cap in a commercially successful manner by the use of albumen solution.

5. SAME—SUBSTANCE USED BY INVENTOR—USED FORMERLY AS ONE OF SEVERAL INGREDIENTS.

An attempt to secure cork disks in bottle caps by a cement in which albumen was only one of several ingredients and was rendered inert by the other ingredients used, does not anticipate the use of albumen alone for the same purpose when hardened or set by applying heat to the cap.

APPEAL from the District Court of the United States for the Eastern District of New York.

Suit in equity by the International Cork Company against the New Process Cork Company. Decree for defendant, and complainant appeals. Reversed.

For opinion below, see 295 F. 539.

Messrs. Newell & Spencer (*Mr. Emerson R. Newell* of counsel) for the appellant.

Mr. Livingston Gifford (*Mr. William H. Davis* of counsel) for the appellee.

Before ROGERS, MANTON, and HAND, Circuit Judges.

MANTON, *Cir. J.*:

The appellant sues on two patents, the first No. 1,234,109, granted July 24, 1917, on an application filed June 23, 1913, renewed April 19, 1917, and the second, No. 1,234,711, granted July 31, 1917, on an application filed August 26, 1913, and renewed December 23, 1916. The first is for a process of manufacturing bottle closures, and the second is for closure for receptacles. Claims 1 to 6 of the first patent and claims 1 to 5 of the second are involved.

Bottle caps made of metallic shell and the cork disk cemented therein were old, and were made for many years under the Painter patents, Nos. 792,285 and 887,838, and also the Wheeler patent, No. 887,883. Such prior art is referred to in the patent in suit. Fusible gum, as copal or resin, was put into the cup-shaped metallic metal shell, and this cork disk inserted above it. Heat was applied and the gum melted. Pressure was then applied against the cork disk, and the cap held under the pressure for a sufficient time, until the cement was hardened by a cooling process. The Painter process patent, No. 792,284, referred to this cooling process to harden the binding medium. The art was desirous of accelerating the manufacture, through hardening the fused medium, and men directed their efforts to find some method to accomplish this result. Automatic machines with improvements could rapidly turn out caps, but the production was delayed because of the necessary delay in holding this cork cap under pressure while adhesion was obtained by cooling. If speed of production was obtained, caps could be made cheaper.

[1] It is asserted that, by the patents in suit, the speed of production has been doubled, so that now 250 per minute may be manufactured by a single machine. This is acceded to by some of the appellee's witnesses. The problem was to devise some process which differed from the existing methods under former patents and gain speed by decreasing the period of manufacture, due to delay in cooling. The inventor's claim is that this was accomplished by the use of egg albumen setting by heating method. Under all known methods, it was necessary to melt the adhesive and hold it under pressure until it cooled. Appellant's method accomplished the desired result as to speed, and now the albumen adhesive is used in cap making, having been adopted by most cap manufacturers. It is not affected by weather conditions, as hot days; fire hazard has been reduced, and dangers of bad sticking have been eliminated; practically 100 per cent of the disks are stuck to the tin. Puffer caps—that is, those that bulge up by the disk being forced away from the tin, due to internal gas pressure—have been reduced to a minimum. Some of the caps are decorated, and the damage or injury by heat is negligible, because the heat required need not be even at a boiling temperature. Double production has reduced the cost.

Egg albumen is the white of egg. For commercial purposes, it is the dried, uncoagulated egg. When dissolved in water, it may be used like albumen from a fresh egg. Albumen dissolved in water in concentration will coagulate when heated. Both patents state that, when it reaches a temperature of 140° Fahrenheit, it sets and becomes in-

soluble. After coagulation, it can not be brought back to its uncoagulated state. There are but two commercial albumens on the market—egg and blood albumen. The process, as set forth in each patent, is that the cork disk is stuck to the metal shell by a cement which is set by heat—specifically by albumen which is interposed and then coagulated by heat. The albumen referred to could mean only one or two commercially known albumens. The patent says:

> Albumen has been found to be particularly adapted for carrying out the present process, it being inodorous, tasteless, soluble in water before use, and coagulates at 140° Fahrenheit. The assembled closures can be subjected to pressure without changing the chemical properties of the albumen, and when they are, after the pressure is applied and while it is maintained, subject to heat, the albumen is easily coagulated, rendered insoluble, and forms an effective cementing medium for uniting the parts of the closure.

And further:

> The coagulation results in a firm union between the parts of the closure, such union being instantaneous, particularly when albumen is used.

[2] The patents make it plain that the albumen is coagulated or set by heat. They sufficiently disclose to the art, or one skilled in the art, how to use egg albumen as an adhesive medium, and how to carry out the process and produce the caps. The proportions of water and albumen to be used is not set forth. Because of the lack of statement as to it, we do not think the patent is invalid. Any proportions within reason will answer. *A. B. Dick Co. v. Barnett*, 317 O. G., 789; (C. C. A.) 288 F. 799. It is only necessary in a patent to point out one way of carrying out the process, and these patents do that. The figures are clear enough in explanation to one skilled in the art. They show that the liquid albumen may be put into a container 12, from which it may be dropped, as shown at 11, into a shell 10, a miniature pan. The cork disk 14 is then inserted. Pressure is then exerted, such as by plunger 15, as shown by Fig. 2, with heat simultaneously applied by any suitable heating means, an example of which is illustrated by the steam plate 16. This sets the albumen (Figs. 1 and 2). Figure 3 illustrates a modified construction, in which a disk or collet of paper coated with uncoagulated albumen is suggested. The drawings of the second patent show a cap, similar to the figures of the first patent, with the disk stuck in place by the coagulated albumen.

[3] Both patents state that the albumen was preferable in liquid form before coagulation. They distinctly point out that albumen is to be uncoagulated, and that, when coagulated after it is interposed between the disk and the shell, the application of heat will set the albumen or produce adhesion. The degree of heat to be applied is sufficiently referred to. A patentee may define his own terms, regardless of common or technical meaning, and fairness to the patentee requires the court to accept his definition of words, phrases, and terms. *Rajah Auto Supply Co.* v. *Belvidere, Etc., Co.*, 294 O. G., 993; [C. C. A.] 275 F. 761. The words of the claims are sufficiently explained in the descriptive part of the specification.

In patent No. 1,237,109, claim 1, the application was made in 1913, but Alberti conceived his idea in 1911. The appellee started making caps in the fall of 1914, which, it is alleged, are an infringement. It uses commercial egg albumen dissolved in water, and its process in all substantial respects is the same as the appellant's. Claim 1 of the first patent accurately describes the appellant's process, and claim 2 is the same as claim 1, except that it adds the words "and in the meantime placing the closure under appropriate pressure." Claim 3 restates claim 2 in different words, and claim 4 adds the "rendered insoluble" feature. Egg albumen is used, which is necessarily rendered insoluble by heat. Claims 5 and 6 specify an adhesive albuminous substance with the application of heat to set the same, and claim 6 then adds the feature of maintaining the parts under pressure. We think that the appellee's process falls within claims 5 and 6.

As to the second patent, the claims are as follows:

> 1. A closure for receptacles comprising a metallic cap, a sealing disk, and an interposed heat-coagulating cementing medium.
> 2. A closure for receptacles comprising a metallic cap, a sealing disk, and an interposed cementing medium coagulated and rendered insoluble by heat.
> 3. A closure for receptacles comprising a metallic cap, a sealing disk or packing of cork or the like, and an interposed cementing medium composed of heat-coagulating albuminous substance.
> 4. A closure for receptacles comprising a metallic cap, a sealing disk, and an interposed liquid cementing medium rendered insoluble by heat.
> 5. A closure for receptacles comprising a metallic cap, a sealing disk, and an interposed cementing medium rendered insoluble by heat.

Claims 1 to 3 each include a cementing medium, which is specified as coagulated or set by heat. What the appellee does in making its caps is clearly an infringement of claim 3. Claims 4 and 5 do not state the cementing medium as coagulated or set, but say it is rendered insoluble by heat. Nobody has ever used albumen as a cement for this purpose before, and the substitution of an albuminous cement for the earlier resin and waxes produced a patentable invention. *Potts & Co.* v. *Creager*, 70 O. G., 494; 155 U. S. 597, 15 S. Ct. 194, 39 L. Ed. 275; *Edison, Etc., Co.* v. *U. S. Electric Lighting Co.*, 61 O. G., 564; 52 F. 300, 3 C. C. A. 88.

Many patents of the prior art are called to our attention to support the claims of anticipation. Serra, No. 846,251 (1907), used egg albumen in the composition of a cork block, by grinding cork and mixing it with a solution of albumen. That patent says:

> The material is then put in molds and its bulk reduced by pressure, after which the molds are subjected to a temperature of about 212 degrees Fahrenheit in a moist heat, either by introducing it in boiling water or by subjecting it to a jet of steam, in order to coagulate the albumen.

And further:

> It is of the utmost importance that the material be subjected to a moist heat, as otherwise the product made under a high, dry temperature will be found to be of a hard nature, not suitable for the use for which corks are intended.

[4] It will be noted that the claims refer to a moist heat. Serra was after a cork block, which should not be of a hard nature, but soft. Alberti was after a hard cementing of the cork to the tin receptacle, while Serra emphasized the use of albumen; but he says the cork material must be subject to a moist heat, such as by introducing it in boiling water, or by subjecting it to a jet of steam. To have used such a process in producing bottle caps would have had no result for the purposes intended by the patent in suit. It was the teaching of the Serra patent, "as of the utmost importance," that the material be subjected to moist heat. Serra's patent taught the art only that soft cork could be made by his process with moist heat—a molding process. This is not teaching the art that a cork disk could be cemented into a bottle cap in a commercially successful manner by the use of albumen solution. Nor is the appellant's invention a mere substitution of a known adhesive. Nobody, since 1907, and before Alberti, used this adhesive to stick the cork to tin caps.

In the Plinatus patent, No. 925,233, a method of sealing fruit cans and the like is disclosed. It provided a packing for the old India rubber ring between the top and the can. He takes a rag pulp or paper and suitably treats it, and then impregnates this packing material.

> For this purpose white of egg, blood, or egg albumen, or suitable mixture of these substances, may be employed. Casein is also adapted for the impregnation, either alone or mixed with the above-mentioned substances.

And he says that—

> by this coagulation, and in consequence of the increase of volume thereby resulting, the joint-making material completely fills up the space between the top or closure and the top of the can, thus forming a permanent hermetic joint.

This idea was not a cement for holding the two parts together, but a packing material, which would swell up and fill the joint by the increase in volume, as might oakum in the seam of a boat, swelling when wetted. We do not think that this was teaching the art that albumen could be used to stick securely a cork disk to a metal cap by dry heat. Plinatus taught the art, so far as caps are concerned, that after the cap had been made, and applied to the bottle, the joint between the cap and bottle could be filled up and sealed against the entrance of air by the joint-filling material he suggests.

The Painter patent refers to a melted and cooled adhesive, and this method was used by the art for many years. The cap, composed of a metal shell and an inserted cork disk, was old, and the sticking was obtained by a melting and cooling adhesive medium, such as sealing wax and fusible gums. This was as far as the art had advanced when Alberti made his invention. The cooling process was slow—at least too slow to accommodate the improved automatic machinery which turned out the caps with such rapidity. The great volume of work and experimentation that was indulged in by men who were interested in this art, all laboring to meet this necessity, indicates the importance of the new idea which has resulted in the patents in suit. To the art it seems a forward step, and has succeeded in bringing about economy in manufacture, speed in production, and a cheaper product—cheaper because of the ability to manufacture faster. The outstanding fact is that in all this experimentation of trained men, with some knowledge of egg or blood albumen, no one thought of its use as Alberti made use of it in the patents in suit. It is more than a mere substitution for a new use. Such a substitution, if it was one, was not evident to these experienced men.

We are also referred to the British patents issued to Wittkowsky, No. 8,347 (1891), and the Gardiner, No. 21,774 (1896). The former was for a casein cement for gluing two wooden articles together. The inventor says he takes casein—the coagulated product of milk—and slaked lime, and mixes them together to dissolve the casein. He adds parts of water-glass and obtains "a slimy, smearable mass," and says the cement must be dried upon each part before the two parts are brought together. They are then melted by heat. It thus appears that these three ingredients are mixed together, smeared on each surface, and allowed to dry. There is mention of albumen proper, or ox blood. These seem to be mentioned only "for the sake of definition." The inventor there recites that, in order to get a broad scope for his invention, he merely, for the sake of definition, mentions a number of materials which he thinks might possibly be used.

Casein is already coagulated and an insoluble product of milk, and, since it is already a coagulated product, it can not be brought back to its uncoagulated form, and so can not be recoagulated. This mere mention of albumen in no way discloses the Alberti process. The Gardiner patent is a casein waterproof glue patent. The parts are smeared with it, put together, and allowed to dry as in the former patent. The United States patent, No. 537,096, later granted to Wittkowsky, has the same disclosure as the earlier British patent, except that parts of the water glass are given and albumen is not mentioned. This would indicate, as one of the experts explained, that albumen with an alkali was unworkable in his method.

The patent to Dunham, No. 695,198, is a process of producing insoluble casein which is said to be suitable for use as a substitute for egg or blood albumen coagulated by heat. The patentee says that the solution is dried out in any suitable way in the form of a film, or it may be dried out by pressing the mixture into the meshes of a cloth, and in allowing it to dry in the form of a thin sheet. After drying, it is subjected to steam under a pressure of about five pounds per square inch. This process may be compared to the casein drying and subsequent liquefying method of the Gardiner patent. He speaks of it as an "insoluble casein product of such a character that it may be used in the arts as a substitute for insoluble egg or blood albumen." This patent teaches that egg or blood albumen may be coagulated by heat and rendered insoluble, but that was not new, and no use was made of it, such as was conceived by the inventor of the patents in suit.

[5] But it is said that the patent is invalid because of prior uses. The outstanding prior use

in this record is that of one McManus, who worked for years trying to develop a successful cement which would avoid the objections of the melted gum adhesive. His experiments were abandoned, because his various ideas proved to be impracticable. He tried a cement which included an albuminous material as one of several ingredients. Because the albumen used was only one of several ingredients, and was rendered inert by the other ingredients used, it resulted in a sticking substance, which was impractical and was abandoned. In 1906, McManus, then engaged in business for himself, made a metal cap. He used the cork disk. During the course of his experiments, he tried a glue consisting of albumen, casein, and borax, with water and some antiseptics. This he called an A B C formula. His trials, however, were not confined to this. He does say he used albumen. How much he does not disclose; his record book as to this was not produced.

An effort has been made to show—to at least give the impression—that albumen was used which did coagulate by heat; but we think the record bears out the claim of the appellant that these words as used include casein, which does not coagulate by heat, because it is already coagulated. Exhibit N admits this. There it is said it had a "casein compound on the inner surface, and cork is fit in on top of that, the cork also having a casein binder." It is an apparent effort to use interchangeably for the experiment casein and albumen. Such interchangeability of words is illustrated in the Wittkowsky patent, where it is said: "Albuminous matters are casein, fibrin, and albumen proper." Casein is an albuminous substance, but it is not albumen, and will not set by heat, which is of the essence of the patent in suit. But, assuming that McManus did use the egg albumen in his A B C formula, it is apparent to us that his use of albumen, casein, and borax composition was not a success, and the reason seems to be that an alkali, such as borax, must be used with casein to dissolve it before it can be used, but an alkali is the wrong thing to use with egg albumen. It has a decomposing and anti-coagulating effect on the albumen, it causes the cork to turn black—which is what happened with McManus' caps—and *renders them unsalable.* In his testimony, McManus *admitted that some of his caps offered in evidence show that there was a chemical added* which caused the quick hardening action on the casein. At best, McManus *may be assumed to have used some unknown proportions* of albumen. But the outstanding fact is that he was engaged in the same art and desired the same result as Alberti, but was unsuccessful. His ideas produced no forward step in the art. The casein binder poured in was not a success. It requires a drying time to permit the complete adhesion of the article.

McManus formed the present appellee company in 1912, and they made a composition cork in 1914, and started to manufacture bottle caps; but this, we think, was after it was learned what Alberti was doing. The process was commercially used in 1913–14. It is not proved that whatever albumen he used in his experiments was set in by heat action, as is done in the patent in suit. Therefore there was not the coagulation by heat. What he did depends solely upon his oral testimony. It fails in that definiteness and certainty required as a proof of prior use. The Supreme Court has recently reiterated that—

> the oral evidence on this point falls far short of being enough to overcome the presumption of novelty from the granting of the patent. The temptation to remember in such cases and the ease with which honest witnesses can convince themselves after many years of having had a conception at the basis of a valuable patent, are well known in this branch of law, and have properly led to a rule that evidence to prove prior discovery must be clear and satisfactory. *Barbed Wire Patent Case,* 58 O. G., 1555; 143 U. S. 275, 284; *Loom Co. v. Higgins,* 21 O. G., 2031; 105 U. S. 580, 591.

See *Bibel Process Co.* v. *Minnesota & Ontario Paper Co.*, 310 O. G., 3; 261 U. S. 45, 43 S. Ct. 322, 67 L. Ed. 523.

Another prior use is referred to, that of La Porte, who alleges a date of conception as in the spring of 1912. Alberti proves sufficiently that his conception was in the spring of 1911. In the interference proceedings in the Patent Office, this has been so considered and decided in favor of Alberti. In the La Porte experiments, the caps came out hard and coagulated. He tried albumen with alkali, lime, and borates. He got up a long list of available substances, went through the literature of patents, because his directors wanted a method to get greater efficiency. On his hot-water press, the disks were securely sealed in when they came out. The albumen was in a glazed condition, which was thought to prove fusion. We think that La Porte's experiments did not conceive the idea of Alberti. The latter was first to accomplish the desired result. The invention in suit, although simple in its operation, is a valuable step forward in cap-making art and should be protected.

We hold that appellant's claims 5 and 6 of the process patent and claim 3 of the product patent are valid and infringed.

Decree reversed.

ADJUDICATED PATENTS.

(D. C. Cal.) The Young patent, No. 891,895, for steel barrel, *Held* valid and infringed. *Meurer Steel Barrel Co.* v. *Boyle Mfg. Co.*, 9 F. (2d) 92.

(D. C. N. J.) The Pauling patent, No. 1,031,864, for method of concentrating nitric acid, claims 1, 3, and 5 *Held* invalid. *Southern Electro-Chemical Co.* v. *E. I. du Pont de Nemours & Co.*, 9 F. (2d) 69.

(C. C. A. Mass.) The Stork patent No. 1,365,803, for envelope sealer, claim 10 *Held* valid and infringed. *Postage Meter Co. v. Standard Mailing Mach. Co.*, 9 F. (2d) 19.

(D. C. Pa.) The Tufford reissue patent, No. 14,049, for rubber heel, *Held* valid, but not infringed. *I. T. S. Rubber Co.* v. *Malakoff*, 9 F. (2d) 188.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 9, 1926.

[VOL. 344. No. 2.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 179,745. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) GEORGE P. SCHMITT, Oakland, Calif. Filed Apr. 26, 1923.

DUPLEX

Particular description of goods.—Radiators.
Claims use since Jan. 15, 1923.

Ser. No. 183,337. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEO. HAAS & SONS, San Francisco, Calif. Filed July 17, 1923.



No claim is made to the word "Chocolates" apart from the mark shown.
Particular description of goods.—Eating Chocolates Molded in Fancy Shapes.
Claims use since May 24, 1923.

Ser. No. 187,010. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MAYBELLE MANNING, New York, N. Y. Filed Oct. 15, 1923.



No claim is made to the words "New York," "Paris," "Parfum," and "Creation of" apart from the mark as shown on the drawing.
Particular description of goods.—Perfumes.
Claims use since Sept. 1, 1923.

Ser. No. 191,818. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DURAND-MCNEIL-HORNER CO., Chicago, Ill. Filed Feb. 5, 1924.

"CLOVERHILL"

Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Fish, Canned Hawaiian Pineapple, Fruit Preserves, Peanut Butter, Fruit Jelly, Tea, Coffee, Dried Codfish, Olives, Honey, Table Syrup, Flavoring Extracts for Food Purposes, Coconut, Cocoa, Tomato Catchup, Pickles, Olive Oil, Evaporated Milk, Salad Dressing, Dried Fruits, Pepper, Candy, Salted Peanuts, Spaghetti, Self-rising Pancake Flour, Toasted Corn Flakes, Horse-Radish, Malt Extract for Food Purposes, and Thyme.
Claims use since 1911.

Ser. No. 191,997. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE BUCKEYE PAINT & VARNISH CO., Toledo, Ohio. Filed Feb. 4, 1924.

CRYSTAL-ROCK

Particular description of goods.—Varnishes.
Claims use since 1894.

Ser. No. 192,539. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MINNESOTA MERCANTILE CO., Stillwater, Minn. Filed Feb. 19, 1924.

STATE



No claim is made to the word "State" apart from the mark shown, applicant reserving all common-law rights therein.

Particular description of goods.—Rice, Canned Fish, Canned Oysters, Fruit Preserves, Canned Fruits, Baked Beans, Blended Coffee, Dried Fruit, Flavoring Extracts for Foods, Macaroni, Tomato Catchup, Catchup, Apple Butter, Corn and Refinery Sirup, Tea, Spices, Pepper Sauce, Pepper, Mustard Dressing, Spiced Pickles, Salad Dressing, Cheese, Jelly, Rolled Oats, Condensed and Evaporated Milk.

Claims use since November, 1904, on tea, flavoring extracts and spices; since 1915 on other products.

Ser. No. 192,919. (CLASS 45. BEVERAGES, NONALCOHOLIC.) JAMES C. MAYFIELD, doing business as Kriss Kringle Klub Company, Akron, Ohio. Filed Feb. 27, 1924.



The shading on the drawing indicates the color red.

Particular description of goods.—Grape, Peach, Lemon, Kola, Vanilla, Cherry, Strawberry, Lime, Chocolate-Flavored Beverages, Root Beer, Ginger Ale, and Compounds and Sirups for Making the Said Beverages.

Claims use since Feb. 16, 1924.

Ser. No. 197,639. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE WASHBURN COMPANY, Worcester, Mass. Filed May 26, 1924.

UNIVERSAL

Particular description of goods.—Chains.

Claims use since 1888.

Ser. No. 200,993. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) HEINRICH KÜCHENMEISTER, Berlin, Germany. Filed Aug. 5, 1924.

Ultraphon

Particular description of goods.—Phonographs, Pianos, Violins, Cellos, Violas, Basses, Mandolins, Guitars, Banjos, Lutes, and Bugles, Trumpets, Trombones, Flutes, Clarinets, Oboes, Fagottos, and Sax-Tubas, Musical Boxes, Organs, and Harmoniums.

Claims use since March, 1922.

Ser. No. 201,249. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILLIAM MCMURRAY AND COMPANY, St. Paul, Minn. Filed Aug. 11, 1924.

PICNIC
Marshmallows

In the drawings, the lining for color indicates a series of black and red stripes. No claim to the exclusive right to the use of the word "Marshmallow" apart from the combination shown in the drawings, is herewith asserted.

Particular description of goods.—Candies.

Claims use since Apr. 1, 1923.

Ser. No. 201,971. (CLASS 12. CONSTRUCTION MATERIALS.) FRANKLYN R. MULLER, INC., Waukegan, Ill. Filed Aug. 28, 1924.

ASBESTONE

Particular description of goods.—Stucco, Composition Flooring, Magnesia Flooring, Interior Magnesia, Interior Plaster of All Kinds, Exterior Plaster of All Kinds, Composition Shingles, Tile, and Composition Roofing.

Claims use since 1906.

Ser. No. 204,083. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) BRILLO MANUFACTURING COMPANY, Brooklyn, N. Y. Filed Oct. 18, 1924.



The drawing is lined to indicate the color green. No registration rights are claimed for the word "Soap" or the representation of a carton, and applicant waives none of its common-law rights in said mark or any feature thereof.

Particular description of goods.—Soaps, Cleaning, Scouring, and Polishing Wads, Pads, Rolls, and Cloth of Abradant Nature for Removing Foreign Matter from Metal and Other Surfaces.

Claims use since Aug. 15, 1924.

Ser. No. 204,356. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) LOUIS F. EDWARDS, doing business as The Metropolitan Refining Company, New York, N. Y. Filed Oct. 24, 1924.

HYDROPROOF

Particular description of goods.—Paint Which Has Had Asbestos Fiber Mixed Therewith.

Claims use since Sept. 1, 1924.

Ser. No. 204,473. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE RATH PACKING COMPANY, Waterloo, Iowa. Filed Oct. 27, 1924.



No claim is made to the words "Waterloo, Iowa" and "Rath Packing Co." apart from the mark shown on the drawing. The color lines on the drawing are hereby disclaimed.

Particular description of goods.—Ham, Skinned Ham, Boiled Ham, Picnics, Bacon, Bacon Bellies, Sliced Bacon, Hog Brains, Pickled Pigs' Hearts, Pickled Pigs' Feet, Sausage, and Lard.

Claims use since Feb. 7, 1920.

Ser. No. 204,569. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) REMINGTON ARMS COMPANY, INC., Bridgeport, Conn., and Ilion, N. Y. Filed Oct. 29, 1924.

ECONOMY

Particular description of goods.—Ammunition.

Claims use since May 27, 1924.

Ser. No. 205,409. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SIGMUND L. GOLDMAN, doing business as Red Sun Products Co., Chicago, Ill. Filed Nov. 17, 1924.



Particular description of goods.—Malt Sirup for Food Purposes.

Claims use since Dec. 10, 1923.

Ser. No. 206,086. (CLASS 39. CLOTHING.) SCHOLL MANUFACTURING COMPANY, INC., Chicago, Ill. Filed Dec. 1, 1924.

FORMOPED

Particular description of goods.—Boots and Shoes, and Slippers Made of Leather, Rubber, Fabric, and Combinations.

Claims use since July 2, 1921.

Ser. No. 206,700. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) ABRAHAM SYDEMAN, doing business as Stedfast Fabric and Rubber Co., Mattapan, Mass. Filed Dec. 13, 1924.



Particular description of goods.—Rubberized Woven and Unwoven Fabrics.

Claims use since Apr. 1, 1924.

Ser. No. 206,915. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE O. K. TOOL COMPANY, INC., Shelton, Conn., and New York, N. Y. Filed Dec. 18, 1924.

OK

Particular description of goods.—Boring Heads, Gear Cutters, Hobs, Milling Cutters, Face Mills, Hollow Mills, Cutters for Planing Gear Teeth, Counterbores, Hob and Disk Cutter Grinding Machines, and Grinding Attachments.
Claims use since Oct. 1, 1901.

Ser. No. 207,344. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAHL BROTHERS, INCORPORATED, Syracuse, N. Y. Filed Dec. 29, 1924.



The word "Brand" appearing on the drawing is disclaimed apart from the mark as shown.
Particular description of goods.—Imitation - Vanilla Compound and Fruit Sirup for Food-Flavoring Purposes.
Claims use since June 1, 1920.

Ser. No. 207,626. (CLASS 39. CLOTHING.) OAK KNITTING COMPANY, Syracuse, N. Y. Filed Jan. 3, 1925.

WINTREX

Particular description of goods.—Knitted Underwear for Men, Women, and Children; Knitted Sport Coats for Men, Women, and Children; and Knitted Pyjamas and Nightgowns for Men, Women, and Children.
Claims use since Dec. 1, 1922.

Ser. No. 207,627. (CLASS 39. CLOTHING.) OAK KNITTING COMPANY, Syracuse, N. Y. Filed Jan. 3, 1925.

Dreamaway

Particular description of goods.—Knitted Pyjamas and Knitted Nightgowns.
Claims use since Dec. 1, 1922.

Ser. No. 208,351. (CLASS 45. BEVERAGES, NONALCOHOLIC.) J. F. LAZIER MANUFACTURING CO., St. Louis, Mo. Filed Jan. 20, 1925.

PETER PAN

Particular description of goods.—Flavorings and Colorings for Nonalcoholic, Maltless Drinks.
Claims use since Jan. 12, 1925.

Ser. No. 208,969. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ELY & WALKER DRY GOODS COMPANY, St. Louis, Mo. Filed Feb. 2, 1925.

SURE FAST

Particular description of goods.—Cotton Suiting in the Piece.
Claims use since Jan. 1, 1924.

Ser. No. 209,601. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GUSTAV WIEDEKE CO., Dayton, Ohio. Filed Feb. 14, 1925.

IDEAL

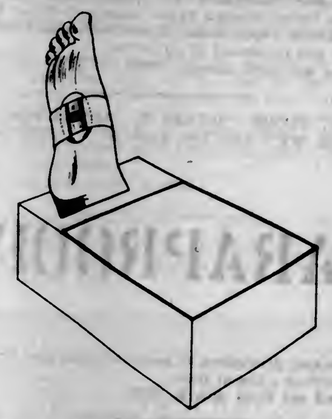
Particular description of goods.—Tube and Flue Expanders, Tube and Flue Cutters, Tube and Flue Beading Tools.
Claims use since July, 1904.

Ser. No. 210,517. (CLASS 39. CLOTHING.) WAUSAU SHOE MFG. CO., Wausau, Wis. Filed Mar. 3, 1925.

LOG CABIN

Particular description of goods.—Leather Shoes.
Claims use since Feb. 18, 1925.

Ser. No. 210,683. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE OHIO TRUSS COMPANY, Cincinnati, Ohio. Filed Mar. 7, 1925.



No claim is made to the exclusive use of the words "Arch support," "Front," "Pat. appd. for," "End," "Size," and "Made by the Ohio Truss Company, Cin., Ohio," nor to the exclusive use of the representation of the arch support applied to the foot, nor of the carton to which the foot is hinged, apart from the mark shown by the drawing. The mark consists of the representation of a human foot hingedly secured upon a carton or box, and of an arch support bearing a label appearing on said foot.
Particular description of goods.—Arch Supports.
Claims use since Feb. 2, 1925.

Ser. No. 210,754. (CLASS 15. OILS AND GREASES.) RICHARDSON LUBRICATING COMPANY, Quincy, Ill. Filed Mar. 9, 1925.



The words "Richardson's" and "Gasoline" are disclaimed except as shown in connection with the mark illustrated in the drawing.
Particular description of goods.—Gasoline.
Claims use since Jan. 1, 1920.

Ser. No. 210,755. (CLASS 15. OILS AND GREASES.) RICHARDSON LUBRICATING COMPANY, Quincy, Ill. Filed Mar. 9, 1925.



The words "Purity," "Richardson's," and "Gasoline" are disclaimed except as shown in connection with the mark illustrated in the drawing.
Particular description of goods.—Gasoline.
Claims use since Jan. 1, 1905.

Ser. No. 211,389. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) S. STROOCK & CO. INC., New York, N. Y. Filed Mar. 20, 1925.

STROOCK
JONQUIL CLOTH

No claim is made to the exclusive use of the words "Stroock" and "Cloth" apart from the mark shown in the drawing.
Particular description of goods.—Wool Cloth in the Piece.
Claims use since Jan. 24, 1925.

Ser. No. 211,864. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NORIAN TRADING CO., INC., Cambridge, Mass. Filed Mar. 30, 1925.



"One half shell opens all the others"

The pictorial representation of a pistachio nut and the phrase "One Half Shell Opens All the Others" are disclaimed apart from the mark shown. The shading represents a green background.
Particular description of goods.—Pistachio Nuts.
Claims use since Mar. 1, 1925.

Ser. No. 212,090. (CLASS 17. TOBACCO PRODUCTS.) PAUL J. LIVADARY, Los Angeles, Calif. Filed Apr. 2, 1925.

ALI BABA

Particular description of goods.—Cigarettes.
Claims use since July, 1911.

Ser. No. 212,508. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAUL A. SCHULZE, St. Louis, Mo. Filed Apr. 10, 1925.

Schulze
CLOVER SPRINGS
BUTTER

All the wording except the words "Clover Springs" which appear on the drawing are disclaimed apart from the mark shown.

Particular description of goods.—Butter.

Claims use since Apr. 1, 1919.

Ser. No. 212,689. (CLASS 39. CLOTHING.) LYON BROS. MILLINERY COMPANY, Kansas City, Mo. Filed Apr. 14, 1925.

Lyon Hat

Applicant disclaims the right to the use of the words "Lyon" and "Hat" except in association with the mark as it appears on the drawing.

Particular description of goods.—Trimmed Hats for Use of Women and Children.

Claims use since Jan. 1, 1923.

Ser. No. 213,374. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) GREY IRON CASTING COMPANY, Mount Joy, Pa. Filed Apr. 27, 1925.

BLUE BIRD

Drawing is lined for the color blue.

Particular description of goods.—Toy Ranges and Toy Cooking Utensils.

Claims use since Feb. 10, 1925.

Ser. No. 214,196. (CLASS 37. PAPER AND STATIONERY.) ZÜRCHER PAPIERFABRIK AN DER SIHL (Zurich Paper Mill on Sihl), Zurich, Switzerland. Filed May 11, 1925.

SIRIUS

Particular description of goods.—Thin and Thick Drawing Paper, Tracing Paper, Bond and Other Writing Paper, Tissue Paper, Tissue Paper Particularly for Typewriting, and Cardboard of all colors.

Claims use since January, 1923.

Ser. No. 214,389. (CLASS 5. ADHESIVES.) THE ARABOL M'F'G CO., New York, N. Y. Filed May 16, 1925.

ARAPROOF

Particular description of goods.—Liquid and Dry Adhesives Having a Cereal Base.

Claims use since Apr. 3, 1925.

Ser. No. 214,402. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DENNEY & CO., Chicago, Ill. Filed May 16, 1925.

Denney
"GREEN LABEL"

Applicant, without waiver of its common-law rights, disclaims exclusive right to the use of the colored lines appearing upon the drawing, the word "Denney," and a label colored green apart from the mark as shown.

Particular description of goods.—Fresh Deciduous Fruits, Fresh Citrous Fruits; Fresh Vegetables—Namely, Cantaloupes.

Claims use since Apr. 6, 1925.

Ser. No. 214,403. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DENNEY & CO., Chicago, Ill. Filed May 16, 1925.

Denney
"RED LABEL"

Applicant, without waiver of its common-law rights, disclaims exclusive right to the use of the colored lines appearing upon the drawing, the word "Denney," and a label colored red apart from the mark as shown.

Particular description of goods.—Fresh Deciduous Fruits, Fresh Citrous Fruits, Fresh Vegetables; Melons—Namely, Cantaloupes.

Claims use since Apr. 6, 1925.

Ser. No. 214,404. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DENNEY & CO., Chicago, Ill. Filed May 16, 1925.

Denney
"BLUE LABEL"

Applicant, without waiver of its common-law rights, disclaims the exclusive rights to the use of the colored lines appearing upon the drawing, the word "Denney," and a label colored blue apart from the mark as shown.

Particular description of goods.—Fresh Deciduous Fruits, Fresh Citrous Fruits, Fresh Vegetables; Melons—Namely, Cantaloupes.

Claims use since Apr. 6, 1925.

Ser. No. 214,468. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) E. I. DU PONT DE NEMOURS AND COMPANY, Wilmington, Del. Filed May 18, 1925. Under section 5B of the act of 1905 as amended in 1920.

OLDPONT DUCO

Particular description of goods.—Polishes Acting as Dirt and Grease Removers and Cleaning Materials.

Claims use since Dec. 24, 1924.

Ser. No. 214,580. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EDWARD A. BANNISTER, doing business as Pyramid Orchards, Yakima, Wash. Filed May 20, 1925.

PYRAMID

Particular description of goods.—Fresh Apples and Fresh Pears.

Claims use since May 28, 1915.

Ser. No. 214,788. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN B. ELLISON & SONS, Philadelphia, Pa. Filed May 23, 1925.

KINROSS

No claim is made for the word "Kinross" apart from the mark shown in the drawing.

Particular description of goods.—Fabrics Made From Wool, Worsted, Cotton, or Mixtures Thereof.

Claims use since September, 1916.

Ser. No. 214,921. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) F. KÜNDIG JUN. & CIE., Wallisellen, Switzerland. Filed May 26, 1925.

RIVAL

Particular description of goods.—Coffee Free of Caffeine.

Claims use since Mar. 1, 1924.

Ser. No. 214,934. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) JULIUS UIHLEIN, doing business as Julius Uihlein & Company, Cincinnati, Ohio. Filed May 26, 1925.

PIONEER

Particular description of goods.—Steel Blocks, Disks, Bars, and Forgings.
Claims use since Oct. 30, 1912.

Ser. No. 215,695. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) G. M. KASPARIAN, Exeter, Calif. Filed June 12, 1925.

DIAMOND K

Particular description of goods.—Fresh Grapes.
Claims use since Aug. 4, 1924.

Ser. No. 216,052. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) REINHOLD G. KOCH, New York, N. Y. Filed June 19, 1925.

DOORMAN

Particular description of goods.—Automatic Window-Display Figures.
Claims use since Nov. 2, 1924.

Ser. No. 216,325. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAVIS BROS. CHEESE CO., Plymouth, Wis. Filed June 24, 1925.

"SUPER-CRAFT"

Particular description of goods.—Cheese.
Claims use since June 10, 1925.

Ser. No. 216,364. (CLASS 37. PAPER AND STATIONERY.) STANDARD CRAYON MANUFACTURING CO., Danvers, Mass. Filed June 24, 1925.

Old Master

Particular description of goods.—Wax and Chalk Crayons.
Claims use since Jan. 2, 1925.

Ser. No. 216,576. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN AQUINO, INC., New York, N. Y. Filed June 29, 1925.



No rights are asserted to the exclusive use of the words "Uva," "Quality," "Superior," "Packed in Italy by John Aquino Inc. New York–Naples," or the representation of the goods, nor to the word "Portici" apart from the mark shown in the drawing.
Particular description of goods.—Fresh Grapes.
Claims use since November, 1924.

Ser. No. 216,890. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN B. ELLISON & SONS, Philadelphia, Pa. Filed July 6, 1925.

ATTADALE

Particular description of goods.—Fabrics Made from Wool, Worsted, Cotton, or Mixtures Thereof.
Claims use since September, 1923.

Ser. No. 216,891. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN B. ELLISON & SONS, Philadelphia, Pa. Filed July 6, 1925.



Particular description of goods.—Fabrics Made From Wool, Worsted, Cotton, or Mixtures Thereof.
Claims use since September, 1924.

Ser. No. 216,893. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN B. ELLISON & SONS, Philadelphia, Pa. Filed July 6, 1925.

NOR-WEST

Particular description of goods.—Fabrics Made From Wool, Worsted, Cotton, or Mixtures Thereof.
Claims use since March, 1924.

Ser. No. 216,894. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN B. ELLISON & SONS, Philadelphia, Pa. Filed July 6, 1925.

EXHIBITION

Particular description of goods.—Fabrics Made From Wool, Worsted, Cotton, or Mixtures Thereof.
Claims use since September, 1909.

Ser. No. 216,895. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN B. ELLISON & SONS, Philadelphia, Pa. Filed July 6, 1925.

Centenary Fabric

No claim is made to the word "Fabric" apart from the mark shown in the drawing.
Particular description of goods.—Fabrics Made from Wool, Worsted, Cotton, or Mixtures Thereof.
Claims use since September, 1922.

Ser. No. 216,915. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KLINK CITRUS ASSOCIATION, Ivanhoe, Calif. Filed July 6, 1925.

EXCLUSIVE

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, Grapefruit.
Claims use since Apr. 26, 1925.

Ser. No. 216,968. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN B. ELLISON & SONS, Philadelphia, Pa. Filed July 7, 1925.



No claim is made to the word "Verikool" apart from the mark shown in the drawing.
Particular description of goods.—Fabrics Made From Wool, Worsted, Cotton, or Mixtures Thereof.
Claims use since September, 1909.

Ser. No. 217,083. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JAS. H. FORBES TEA & COFFEE CO., St. Louis, Mo. Filed July 9, 1925.

WESTERN

Particular description of goods.—Coffee.
Claims use since 1911.

Ser. No. 217,131. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE BUCKEYE SODA PRODUCTS COMPANY, Cincinnati, Ohio. Filed July 10, 1925.



Applicant disclaims any exclusive right to the words and phrases "Washing Soda, Special for Bakers, Confectioners, Hotels, Restaurants, Institutions, and Laundering, Gold Bond, Net Weight — Lbs. When Packed, Pure, Harmless, A Good Investment in Cleaning, The Buckeye Soda Products Co., Cincinnati," except when used as shown in the mark presented; applicant, however, expressly reserves unto itself any common-law rights it may have to said words or phrases or any of them.
Particular description of goods.—Washing Soda.
Claims use since Jan. 16, 1925.

Ser. No. 217,134. (CLASS 37. PAPER AND STATIONERY.) CROWN WILLAMETTE PAPER COMPANY, San Francisco, Calif. Filed July 10, 1925.

SUNBEAM



Particular description of goods.—Raisin-Tray Paper.
Claims use since Apr. 3, 1925.

Ser. No. 217,148. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) VERNOY CHEMICAL COMPANY, Summit, N. J. Filed July 10, 1925.

Vulco-Dent

Particular description of goods.—Dental Powder for Cleaning Dental Plates and Bridges.
Claims use since Jan. 1, 1924.

Ser. No. 217,225. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LIONEL TRADING CO. INC., New York, N. Y. Filed July 11, 1925.

ORCHIDÉE BLEUE

Particular description of goods.—Perfumes.
Claims use since June 3, 1925.

Ser. No. 217,318. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALASKA CONSOLIDATED CANNERIES, INC., Seattle, Wash. Filed July 14, 1925.

VICTOR

Particular description of goods.—Canned Salmon.
Claims use since 1889.

Ser. No. 217,398. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE FISK RUBBER COMPANY, Chicopee Falls, Mass. Filed July 15, 1925.

RedTop

Particular description of goods.—Repair Patches for Pneumatic Tires.
Claims use since June, 1922.

Ser. No. 217,413. (CLASS 48. MALT BEVERAGES, EXTRACTS AND LIQUORS.) NEW ENGLAND BREWING CO., doing business as Haffenreffer & Co., Boston, Mass. Filed July 15, 1925.

PICKWICK PALE



No registration rights are claimed for the word "Pole" apart from the mark shown in the drawing, but applicant waives none of its common-law rights in said mark or any elements thereof.
Particular description of goods.—A Cereal Malt Beverage.
Claims use since July 8, 1925.

Ser. No. 217,480. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PARFUMERIE ST. DENIS, New York, N. Y. Filed July 16, 1925.

RAINBOW

Particular description of goods.—Bath Salts.
Claims use since Aug. 1, 1923.

Ser. No. 217,537. (CLASS 38. PRINTS AND PUBLICATIONS.) GENE GARDNER BECKHARDT, Brooklyn, N. Y. Filed July 18, 1925.

Animated Advertising Service

No claim is made to the words "Service" and "Advertising Service."
Particular description of goods.—Charts and Booklets.
Claims use since Oct. 23, 1919.

Ser. No. 217,641. (CLASS 2. RECEPTACLES.) SEFTON MANUFACTURING CORPORATION, Chicago, Ill. Filed July 20, 1925.

ANCHOR PAPER GOODS BRAND

No claim is made to the words "Paper Goods" and "Brand" other than in the particular manner in which they are employed in this mark.
Particular description of goods.—Pasteboard, Cardboard Boxes, Cartons, and Containers.
Claims use since 1904.

Ser. No. 217,642. (CLASS 2. RECEPTACLES.) SEFTON MANUFACTURING CORPORATION, Chicago, Ill. Filed July 20, 1925.

SEFTON MANUFACTURING CORPORATION
ANCHOR BRAND

No claim is made to the words "Sefton Manufacturing Corporation" and "Brand" other than in the particular manner in which they are employed in this mark.
Particular description of goods.—Pasteboard, Cardboard Boxes, Cartons, and Containers.
Claims use since 1912.

Ser. No. 217,761. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CORONA CITRUS ASSOCIATION, Corona, Calif. Filed July 23, 1925.

ROYAL

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, Grapefruit.
Claims use since 1895.

Ser. No. 217,972. (CLASS 38. PRINTS AND PUBLICATIONS.) WATCH DOG IDENTIFICATION DEVICES, New York, N. Y. Filed July 27, 1925.

Watch Dog

Particular description of goods.—Cloth-Identification Folders.
Claims use since July 15, 1925.

Ser. No. 218,229. (CLASS 38. PRINTS AND PUBLICATIONS.) WILLSON SPIELMANN LABEL CO., Chicago, Ill. Filed July 31, 1925.

Particular description of goods.—Printed Gummed and Ungummed Embossed Labels and Tags.
Claims use since Feb. 4, 1925.

Ser. No. 218,792. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CAROLINA BAKING COMPANY, Charlotte, N. C. Filed Aug. 13, 1925.



The drawing is lined for shading purposes. No claim is made to the word "Cake" apart from the mark shown in the drawing.
Particular description of goods.—Cake.
Claims use since Apr. 5, 1925.

Ser. No. 217,819. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CALIFORNIA PACKING CORPORATION, San Francisco, Calif. Filed July 27, 1925.

DEL MONTE

Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Fish, Canned Meats, Canned Soups, Canned Preserves, Canned Jams, Canned Jellies, Canned Marmalades, Canned Pickles, Canned Relishes, Canned Condiments, Canned Sauces, Canned Ketchup, Canned Fruit Juices, Canned Vegetable Juices, Canned Fruit Nectars, Canned Vegetable Nectars, Canned Fruit Cocktail, Canned Vegetable Cocktail, Canned Mixed Vegetables, Canned Mixed Fruits, Canned Mixed Pickles, Canned Mixed Relishes, Canned Mixed Condiments, Canned Mixed Sauces, Canned Mixed Ketchup, Canned Mixed Fruit Juices, Canned Mixed Vegetable Juices, Canned Mixed Fruit Nectars, Canned Mixed Vegetable Nectars, Canned Mixed Fruit Cocktail, Canned Mixed Vegetable Cocktail, Canned Mixed Vegetables, Canned Mixed Fruits, Canned Mixed Pickles, Canned Mixed Relishes, Canned Mixed Condiments, Canned Mixed Sauces, Canned Mixed Ketchup, Canned Mixed Fruit Juices, Canned Mixed Vegetable Juices, Canned Mixed Fruit Nectars, Canned Mixed Vegetable Nectars, Canned Mixed Fruit Cocktail, Canned Mixed Vegetable Cocktail.
Claims use since Jan. 1, 1917.

Ser. No. 217,820. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CALIFORNIA PACKING CORPORATION, San Francisco, Calif. Filed July 27, 1925.

DEL MONTE

Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Fish, Canned Meats, Canned Soups, Canned Preserves, Canned Jams, Canned Jellies, Canned Marmalades, Canned Pickles, Canned Relishes, Canned Condiments, Canned Sauces, Canned Ketchup, Canned Fruit Juices, Canned Vegetable Juices, Canned Fruit Nectars, Canned Vegetable Nectars, Canned Fruit Cocktail, Canned Vegetable Cocktail, Canned Mixed Vegetables, Canned Mixed Fruits, Canned Mixed Pickles, Canned Mixed Relishes, Canned Mixed Condiments, Canned Mixed Sauces, Canned Mixed Ketchup, Canned Mixed Fruit Juices, Canned Mixed Vegetable Juices, Canned Mixed Fruit Nectars, Canned Mixed Vegetable Nectars, Canned Mixed Fruit Cocktail, Canned Mixed Vegetable Cocktail.
Claims use since Jan. 1, 1917.

Ser. No. 217,821. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CALIFORNIA PACKING CORPORATION, San Francisco, Calif. Filed July 27, 1925.

DEL MONTE

Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Fish, Canned Meats, Canned Soups, Canned Preserves, Canned Jams, Canned Jellies, Canned Marmalades, Canned Pickles, Canned Relishes, Canned Condiments, Canned Sauces, Canned Ketchup, Canned Fruit Juices, Canned Vegetable Juices, Canned Fruit Nectars, Canned Vegetable Nectars, Canned Fruit Cocktail, Canned Vegetable Cocktail, Canned Mixed Vegetables, Canned Mixed Fruits, Canned Mixed Pickles, Canned Mixed Relishes, Canned Mixed Condiments, Canned Mixed Sauces, Canned Mixed Ketchup, Canned Mixed Fruit Juices, Canned Mixed Vegetable Juices, Canned Mixed Fruit Nectars, Canned Mixed Vegetable Nectars, Canned Mixed Fruit Cocktail, Canned Mixed Vegetable Cocktail.
Claims use since Jan. 1, 1917.

Ser. No. 217,822. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CALIFORNIA PACKING CORPORATION, San Francisco, Calif. Filed July 27, 1925.

DEL MONTE

Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Fish, Canned Meats, Canned Soups, Canned Preserves, Canned Jams, Canned Jellies, Canned Marmalades, Canned Pickles, Canned Relishes, Canned Condiments, Canned Sauces, Canned Ketchup, Canned Fruit Juices, Canned Vegetable Juices, Canned Fruit Nectars, Canned Vegetable Nectars, Canned Fruit Cocktail, Canned Vegetable Cocktail, Canned Mixed Vegetables, Canned Mixed Fruits, Canned Mixed Pickles, Canned Mixed Relishes, Canned Mixed Condiments, Canned Mixed Sauces, Canned Mixed Ketchup, Canned Mixed Fruit Juices, Canned Mixed Vegetable Juices, Canned Mixed Fruit Nectars, Canned Mixed Vegetable Nectars, Canned Mixed Fruit Cocktail, Canned Mixed Vegetable Cocktail.
Claims use since Jan. 1, 1917.

Ser. No. 217,823. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CALIFORNIA PACKING CORPORATION, San Francisco, Calif. Filed July 27, 1925.

DEL MONTE

Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Fish, Canned Meats, Canned Soups, Canned Preserves, Canned Jams, Canned Jellies, Canned Marmalades, Canned Pickles, Canned Relishes, Canned Condiments, Canned Sauces, Canned Ketchup, Canned Fruit Juices, Canned Vegetable Juices, Canned Fruit Nectars, Canned Vegetable Nectars, Canned Fruit Cocktail, Canned Vegetable Cocktail, Canned Mixed Vegetables, Canned Mixed Fruits, Canned Mixed Pickles, Canned Mixed Relishes, Canned Mixed Condiments, Canned Mixed Sauces, Canned Mixed Ketchup, Canned Mixed Fruit Juices, Canned Mixed Vegetable Juices, Canned Mixed Fruit Nectars, Canned Mixed Vegetable Nectars, Canned Mixed Fruit Cocktail, Canned Mixed Vegetable Cocktail.
Claims use since Jan. 1, 1917.

Ser. No. 217,824. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CALIFORNIA PACKING CORPORATION, San Francisco, Calif. Filed July 27, 1925.

DEL MONTE

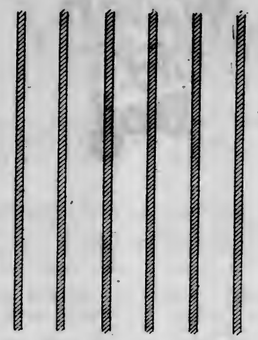
Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Fish, Canned Meats, Canned Soups, Canned Preserves, Canned Jams, Canned Jellies, Canned Marmalades, Canned Pickles, Canned Relishes, Canned Condiments, Canned Sauces, Canned Ketchup, Canned Fruit Juices, Canned Vegetable Juices, Canned Fruit Nectars, Canned Vegetable Nectars, Canned Fruit Cocktail, Canned Vegetable Cocktail, Canned Mixed Vegetables, Canned Mixed Fruits, Canned Mixed Pickles, Canned Mixed Relishes, Canned Mixed Condiments, Canned Mixed Sauces, Canned Mixed Ketchup, Canned Mixed Fruit Juices, Canned Mixed Vegetable Juices, Canned Mixed Fruit Nectars, Canned Mixed Vegetable Nectars, Canned Mixed Fruit Cocktail, Canned Mixed Vegetable Cocktail.
Claims use since Jan. 1, 1917.

Ser. No. 217,825. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CALIFORNIA PACKING CORPORATION, San Francisco, Calif. Filed July 27, 1925.

DEL MONTE

Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Fish, Canned Meats, Canned Soups, Canned Preserves, Canned Jams, Canned Jellies, Canned Marmalades, Canned Pickles, Canned Relishes, Canned Condiments, Canned Sauces, Canned Ketchup, Canned Fruit Juices, Canned Vegetable Juices, Canned Fruit Nectars, Canned Vegetable Nectars, Canned Fruit Cocktail, Canned Vegetable Cocktail, Canned Mixed Vegetables, Canned Mixed Fruits, Canned Mixed Pickles, Canned Mixed Relishes, Canned Mixed Condiments, Canned Mixed Sauces, Canned Mixed Ketchup, Canned Mixed Fruit Juices, Canned Mixed Vegetable Juices, Canned Mixed Fruit Nectars, Canned Mixed Vegetable Nectars, Canned Mixed Fruit Cocktail, Canned Mixed Vegetable Cocktail.
Claims use since Jan. 1, 1917.

Ser. No. 218,793. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CAROLINA BAKING COMPANY, Charlotte, N. C. Filed Aug. 13, 1925.



The drawing is lined for shading purposes only.
Particular description of goods.—Bread.
Claims use since on or about June 6, 1925.

Ser. No. 218,817. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DON KEMPTON, Figarden, Calif. Filed Aug. 13, 1925.



GARDEN O'THE SUN

Applicant disclaims the exclusive right to the lining appearing upon the drawing apart from the mark as shown.
Particular description of goods.—Dried and Canned Figs, Fig Preserves, Pickled Figs, Fig Jam, Fancy Dried Fruit Pack.
Claims use since between the 1st and 15th of October, 1924.

Ser. No. 219,020. (CLASS 38. PRINTS AND PUBLICATIONS.) YOUNG & MCCALLISTER, INC., Los Angeles, Calif. Filed Aug. 17, 1925.

Vitachrome

Particular description of goods.—Display Signs on Cardboard and Paper, Pictures, and Booklet Covers.
Claims use since July 28, 1917.

Ser. No. 219,076. (CLASS 38. PRINTS AND PUBLICATIONS.) CLIFFORD LEWIS, Washington, D. C. Filed Aug. 19, 1925.



The words "Clifford Lewis originator of Hotel Training by Correspondence" appearing on the drawing are hereby disclaimed in the statement. The picture shown in the drawing is the picture of applicant himself.
Particular description of goods.—Lesson Sheets, Pamphlets and Booklets Used in Connection with a Correspondence Course.
Claims use since October, 1921.

Ser. No. 219,103. (CLASS 38. PRINTS AND PUBLICATIONS.) THE AMERICAN WHOLESALE GROCERS' ASSOCIATION, Washington, D. C. Filed Aug. 20, 1925.



All wording which appears upon the drawing (except facts and figures) is disclaimed, apart from the mark shown.
Particular description of goods.—Monthly Printed Publication.
Claims use since May. 1922.

Ser. No. 219,111. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAVENPORT CANNING CO., Davenport, Calif. Filed Aug. 20, 1925.

SEA SHORE

Particular description of goods.—Hearts of Fresh Artichokes Preserved in Olive Oil, Brine, Pickle, or Plain Water.
Claims use since Apr. 15, 1925.

Ser. No. 219,260. (CLASS 38. PRINTS AND PUBLICATIONS.) PROGRESSIVE MERCHANTS BUREAU, New York, N. Y. Filed Aug. 22, 1925.

Bill Dingnell

Particular description of goods.—Monthly Periodical.
Claims use since October, 1924.

Ser. No. 219,730. (CLASS 37. PAPER AND STATIONERY.) CROWN WILLAMETTE PAPER COMPANY, San Francisco, Calif. Filed Sept. 3, 1925.

SUNLAND



Particular description of goods.—Raisin-Tray Paper.
Claims use since June 4, 1925.

Ser. No. 219,732. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) EASTERN HAIR NET TRADING CO., New York, N. Y. Filed Sept. 3, 1925.

E Z
SPELLING GAME

No rights are asserted to the exclusive use of the words "Spelling Game" apart from the mark shown in the drawing.
Particular description of goods.—Educational Spelling Game Device.
Claims use since Aug. 11. 1925.

Ser. No. 219,754. (CLASS 37. PAPER AND STATIONERY.) MODERN OFFICE DEVICES, INC., New York, N. Y. Filed Sept. 3, 1925.

Safeway

Particular description of goods.—Binders or Files and Hand Punching Devices.
Claims use on binders or files since October, 1916; on hand punching devices since August, 1925.

Ser. No. 219,940. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) COMPAGNIE INDUSTRIELLE ET COMMERCIALE DU CYCLE ET DE L'AUTOMOBILE, Paris, France. Filed Sept. 8, 1925.

CICCAPHONE

Particular description of goods.—Bicycle Saddles, Foot Pedals, Vehicle Springs, Brakes, Rear-Vision Mirrors.
Claims use since Mar. 6. 1924.

Ser. No. 219,941. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) COMPAGNIE INDUSTRIELLE ET COMMERCIALE DU CYCLE ET DE L'AUTOMOBILE, Paris, France. Filed Sept. 8, 1925.

LE MIGNON

Particular description of goods.—Bicycle Saddles, Foot Pedals, Vehicle Springs, Brakes, Rear-Vision Mirrors.
Claims use since June 12, 1925.

Ser. No. 219,942. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) COMPAGNIE INDUSTRIELLE ET COMMERCIALE DU CYCLE ET DE L'AUTOMOBILE, Paris, France. Filed Sept. 8, 1925.

LE PYTHON

Particular description of goods.—Bicycle Saddles, Foot Pedals, Vehicle Springs, Brakes, Rear-Vision Mirrors.
Claims use since June 12. 1925.

Ser. No. 219,943. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) COMPAGNIE INDUSTRIELLE ET COMMERCIALE DU CYCLE ET DE L'AUTOMOBILE, Paris, France. Filed Sept. 8, 1925.

LE TENOR

Particular description of goods.—Bicycle Saddles, Foot Pedals, Vehicle Springs, Brakes, Rear-Vision Mirrors.
Claims use since Oct. 29, 1913.

Ser. No. 219,944. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) COMPAGNIE INDUSTRIELLE ET COMMERCIALE DU CYCLE ET DE L'AUTOMOBILE, Paris, France. Filed Sept. 8, 1925.

LE TESTOPHONE

Particular description of goods.—Bicycle Saddles, Foot Pedals, Vehicle Springs, Brakes, Rear-Vision Mirrors.
Claims use since June 12, 1925.

Ser. No. 220,070. (CLASS 27. HOROLOGICAL INSTRUMENTS.) THE E. INGRAHAM COMPANY, Bristol, Conn. Filed Sept. 10, 1925.

AURORA

Particular description of goods.—Clocks.
Claims use since February, 1925.

Ser. No. 220,256. (CLASS 39. CLOTHING.) SHELBYVILLE OVERALL COMPANY, Shelbyville, Ind. Filed Sept. 14, 1925.

'BIG BLUE'

No claim is made to the word "Blue" apart from the mark shown in the drawing.
Particular description of goods.—Overalls, Jackets, Play Suits, and Youths' Overalls and Jackets.
Claims use since Mar. 10, 1924.

Ser. No. 220,544. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE LARABEE FLOUR MILLS CORPORATION, Kansas City, Mo. Filed Sept. 21, 1925.

AEINA'S BEST

The word "Best" is disclaimed apart from the mark shown on the drawing.
Particular description of goods.—Wheat Flour.
Claims use since July, 1923.

Ser. No. 221,043. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALASKA-PORTLAND PACKERS ASS'N., Portland, Oreg. Filed Oct. 1, 1925.

Rival

Particular description of goods.—Canned Fish and Particularly Canned Salmon.
Claims use since fall of 1901.

Ser. No. 221,105. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANCO-ITALIAN PACKING CO., INC., East San Pedro, Calif. Filed Oct. 2, 1925.

BELLOMAR

Particular description of goods.—Canned Fish.
Claims use since July 1, 1923.

Ser. No. 221,177. (CLASS 43. THREAD AND YARN.) GUDEBROD BROS. SILK CO., doing business as Champion Mills, New York, N. Y. Filed Oct. 3, 1925.



Particular description of goods.—Cotton Thread, Knitting Wool, and Artificial Threads for Embroidery.
Claims use since Jan. 2, 1907.

Ser. No. 221,245. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE E. R. V. CORPORATION, Detroit, Mich. Filed Oct. 5, 1925.

IN-MO-RAY

Particular description of goods.—Electrical Therapeutic Apparatus.
Claims use since Feb. 15, 1925.

Ser. No. 221,247. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FENNVILLE CANNING CO., Fennville, Mich. Filed Oct. 5, 1925.



The name "Dolly Madison" is the name of a well-known character in American history, the wife of President Madison, and the picture is that of Dolly Madison.
Particular description of goods.—Canned Fruits, Canned Vegetables, and Canned Berries.
Claims use since 1924.

Ser. No. 221,286. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SPERRY FLOUR COMPANY, San Francisco, Calif. Filed Oct. 5, 1925.

SEGO LILY

Particular description of goods.—Wheat Flour.
Claims use since July 1, 1925.

Ser. No. 221,293. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ULTRA FRUIT ASSOCIATION, Ultra, Calif. Filed Oct. 5, 1925.

ULTRA

Particular description of goods.—Fresh Grapes.
Claims use since June 11, 1925.

Ser. No. 221,294. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ULTRA FRUIT ASSOCIATION, Ultra, Calif. Filed Oct. 5, 1925.

GRAND VIEW

Particular description of goods.—Fresh Grapes.
Claims use since June 11, 1925.

Ser. No. 221,324. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAUL J. LIVADARY, Los Angeles, Calif. Filed Oct. 6, 1925.

ALI BABA

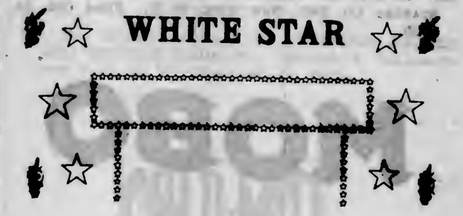
Particular description of goods.—Coffee and Candy.
Claims use since July, 1911.

Ser. No. 221,400. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) G. N. YOUNG, Exeter, Calif. Filed Oct. 7, 1925.

Indian Head

Particular description of goods.—Fresh Grapes.
Claims use since Aug. 1, 1925.

Ser. No. 221,553. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A. A. JUNG, San Antonio, Tex. Filed Oct. 10, 1925.



Particular description of goods.—Malt Sirups for Food Purposes.
Claims use since Aug. 29, 1924.

Ser. No. 221,621. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KIBBE BROTHERS COMPANY, Springfield, Mass. Filed Oct. 12, 1925.

DREAM ROLLS

Without waiving any common-law rights to the name, applicant disclaims the right to the use of the word "Rolls" apart from the mark shown.
Particular description of goods.—Cream Candies.
Claims use since Aug. 3, 1925.

Ser. No. 221,748. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LA INDUSTRIAL PARAGUAYA S. A., Buenos Aires, Argentina. Filed Oct. 15, 1925.

LA INDUSTRIAL PARAGUAYA
YERBA VIRGEN PURA
GUAYRA
MOLINO A VAPOR

The name "La Industrial Paraguaya" and the words "Yerba virgen pura" and "Molino a Vapor" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Yerba Mate.

Claims use since 1895.

Ser. No. 221,784. (CLASS 5. ADHESIVES.) JOHN T. STANLEY CO. INC., New York, N. Y. Filed Oct. 15, 1925.

MOBO

Particular description of goods.—Gasket and Radiator Cement.

Claims use since September, 1925.

Ser. No. 221,902. (CLASS 38. PRINTS AND PUBLICATIONS.) EARL ROY KAUFFMAN, San Francisco, Calif. Filed Oct. 17, 1925.

PACIFIC SPORTSMAN

Particular description of goods.—Monthly Magazines.

Claims use since March, 1925.

Ser. No. 221,934. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGE W. TOLBIN, doing business as Niblot Pharmacal Co., New York, N. Y. Filed Oct. 17, 1925.

Pick-Me-Up FOR

No right is claimed to the exclusive use of the words "Vim," "Vigor," or "Vitality" apart from the mark as shown.

Particular description of goods.—Effervescent Tablets and a Liquid Preparation for Relief of Headaches, Mental Fatigue, and Physical Exhaustion.

Claims use since July, 1924.

Ser. No. 221,943. (CLASS 37. PAPER AND STATIONERY.) THE BROOKS COMPANY, West Cleveland, Ohio. Filed Oct. 19, 1925.

BROOKS VISUALIZERS
FOR ACTIVE BUSINESS RECORDS

No claim is made to the exclusive use of the words "Brooks" and "For Active Business Records" apart from the mark shown on the drawing.

Particular description of goods.—Record Equipment in Loose-Leaf Form.

Claims use since Aug. 13, 1925.

Ser. No. 222,172. (CLASS 39. CLOTHING.) FERRIS BROS. CO., Newark, N. J. Filed Oct. 23, 1925.

GOOD SENSE

Particular description of goods.—Corsets, Brassières, and Corset Waists and for Waists and Underwear for Both Sexes, Made of Textile Material for Children and Adults.

Claims use since August, 1893, on corsets, brassières, and corset waists; since June 25, 1884, on waists and underwear.

Ser. No. 222,254. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) C. D. HUBBARD FRUIT CO., Carpenteria, Calif. Filed Oct. 24, 1925.

CASITAS

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, Grapefruit.

Claims use since 1912.

Ser. No. 222,274. (CLASS 10. FERTILIZERS.) NITRATE AGENCIES COMPANY, New York, N. Y. Filed Oct. 24, 1925.

GENUINE PERUVIAN GUANO

No claim is made to the words "Genuine Peruvian Guano" apart from the mark shown on the drawing.

Particular description of goods.—Fertilizer.

Claims use since Oct. 1, 1923.

Ser. No. 222,294. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VENTURA CITRUS ASSOCIATION, doing business as E. S. Barnard Co. Inc., Ventura, Calif. Filed Oct. 24, 1925.

BIG HIT

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, Grapefruit.

Claims use since 1916.

Ser. No. 222,295. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VENTURA CITRUS ASSOCIATION, Ventura, Calif. Filed Oct. 24, 1925.

DISPLAY

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, Grapefruit.

Claims use since 1915.

Ser. No. 222,296. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VENTURA CITRUS ASSOCIATION, Ventura, Calif. Filed Oct. 24, 1925.

AWARD

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, Grapefruit.

Claims use since 1915.

Ser. No. 222,343. (CLASS 39. CLOTHING.) SAMUEL SCHNEIDER, doing business as S. Schneider & Company, Chicago, Ill. Filed Oct. 26, 1925.

SS
Miss Chicago

The portrait shown on the drawing is fanciful and not that of any individual. Applicant disclaims the right to the exclusive use of the words "Distinctive Creation Hats" except in the arrangement and association shown.

Particular description of goods.—Women's and Children's Hats.

Claims use since June 1, 1925.

Ser. No. 222,390. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MILLER & GOLDSMITH, New York, N. Y. Filed Oct. 27, 1925.

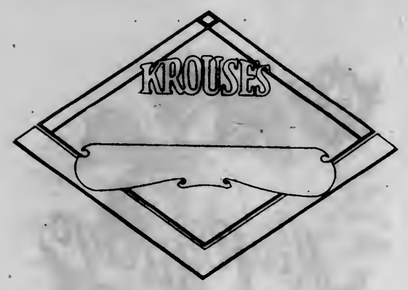
GOLD-MED Creation

Without waiving any common-law rights, no claim is made for the word "Creation" apart from the mark shown.

Particular description of goods.—Fancy Goods and Novelties—Namely, Lace Doilies, Embroideries in the Piece, Handkerchiefs, and Table and Dresser Scarfs.

Claims use since Oct. 1, 1925.

Ser. No. 222,466. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AUGUSTUS L. KROUSE, Reading, Pa. Filed Oct. 28, 1925.



No claim is made to the word "Krouse's" except in association with the mark as it appears on the drawing.
Particular description of goods.—Pretzels.
Claims use since March, 1925.

Ser. No. 222,503. (CLASS 37. PAPER AND STATIONERY.) GENERAL PENCIL COMPANY, Jersey City, N. J. Filed Oct. 29, 1925.



No claim is made to the representation of a pencil appearing on the drawing apart from the mark shown. The mark consists of a brown band encircling a metallic tip on the pencil.
Particular description of goods.—Lead Pencils.
Claims use since Oct. 23, 1925.

Ser. No. 222,623. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MALJAN FRUIT COMPANY, Los Angeles, Calif. Filed Oct. 31, 1925.

KNOCKOUT!

Particular description of goods.—Fresh Grapes.
Claims use since Sept. 1, 1925.

Ser. No. 222,733. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) LILY DON, Detroit, Mich. Filed Nov. 3, 1925.

IODO

Particular description of goods.—Toilet Soap Containing Iodine.
Claims use since Oct. 30, 1925.

Ser. No. 222,758. (CLASS 37. PAPER AND STATIONERY.) PAPER SERVICE CO., INC., Hinsdale, N. H. Filed Nov. 3, 1925.

CARIBOU

Particular description of goods.—Toilet Paper.
Claims use since Aug. 12, 1925.

Ser. No. 222,838. (CLASS 45. BEVERAGES, NONALCOHOLIC.) GENERAL BOTTLING & DISTRIBUTING CO., INC., Santa Ana, Calif. Filed Nov. 5, 1925.



Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks and Sirups and Extracts for Making the Same.
Claims use since June 15, 1925.

Ser. No. 222,864. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) NEW PITTSBURGH COAL COMPANY, Columbus, Ohio. Filed Nov. 5, 1925.

NEW PITTSBURGH COAL CO
PEACOCK POMEROY COAL
COLUMBUS OHIO

The exclusive use of the word "Peacock" is claimed, but the exclusive use of the other words shown on the drawing are disclaimed except in connection with the design as submitted.
Particular description of goods.—Coal.
Claims use since Oct. 1, 1925.

Ser. No. 222,878. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) PITTSBURGH PLATE GLASS COMPANY, Pittsburgh, Pa. Filed Nov. 5, 1925.



The trade-mark consists of a single tuft of white bristles centrally disposed to the other tufts of bristles which are black, no claim being made to the representation of a brush.
Particular description of goods.—Paintbrush.
Claims use since June 27, 1925.

Ser. No. 222,947. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) SAND'S LEVEL & TOOL CO., Detroit, Mich. Filed Nov. 6, 1925. Under ten-year proviso.



The trade-mark consists of coloring the entire level a Vermilion red, as shown by the lining of the drawing.
Particular description of goods.—Spirit Levels.
Claims use since Aug. 1, 1894.

Ser. No. 222,948. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) SAND'S LEVEL & TOOL CO., Detroit, Mich. Filed Nov. 6, 1925.



The trade-mark consists of coloring the leveling surfaces Vermilion red, as shown by the lining on the drawing. No claim is made to the representation of the goods.
Particular description of goods.—Spirit Levels.
Claims use since Jan. 1, 1915.

Ser. No. 223,112. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) B B MILK COMPANY, Red Wing, Minn. Filed Nov. 11, 1925.

Bossy's Best BRAND

Applicant does not claim exclusive appropriation of the words "Best Brand" apart from the mark as shown on the drawing.
Particular description of goods.—Milk, Fresh and Sour, Raw and Pasteurised, and Butter-Milk, and Cream, Fresh and Sour, Raw and Pasteurized, and Whipping.
Claims use since Apr. 1, 1921.

Ser. No. 223,130. (CLASS 33. GLASSWARE.) MACBETH-EVANS GLASS COMPANY, Pittsburgh, Pa. Filed Nov. 11, 1925.

CRESCENT

Particular description of goods.—Lamp Glasses and Globes.
Claims use since 1898.

Ser. No. 223,131. (CLASS 33. GLASSWARE.) MACBETH-EVANS GLASS COMPANY, Pittsburgh, Pa. Filed Nov. 11, 1925.

EMPIRE

Particular description of goods.—Lamp Glasses and Globes.
Claims use since 1894.

Ser. No. 223,185. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. A. NACHMANN CHEM. U. PHARM. G. M. B. H., Berlin, Germany. Filed Nov. 12, 1925.

Humidon

Particular description of goods.—Medicines for the Treatment of Intestinal Ailments, and Plasters.
Claims use since Dec. 18, 1924.

Ser. No. 223,242. (CLASS 38. PRINTS AND PUBLICATIONS.) WALTER W. HUBBARD, New York, N. Y. Filed Nov. 13, 1925.

AUTO SUPPLIES

Particular description of goods.—Name and Title of a Monthly Magazine.
Claims use since Nov. 2, 1925.

Ser. No. 223,364. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) THE BROWN INSTRUMENT COMPANY, Philadelphia, Pa. Filed Nov. 16, 1925.

LEDITE

Particular description of goods.—Thermocouple Encasing Tubes.
Claims use since Nov. 7, 1925.

Ser. No. 223,500. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) S. B. BONIS, Newark, N. J. Filed Nov. 19, 1925.

ESS-BEE

Particular description of goods.—Rubber Water Bottles, Rubber Fountain Syringes, Ice Caps, Ice Bags, Ear and Ulcer Syringes, Vaginal Douches, Rubber Gloves for Surgeons' Use and the Like, Goggles, and Atomizers.
Claims use since May 19, 1921.

Ser. No. 223,528. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) JOSEPH R. KITTLER, Chicago, Ill. Filed Nov. 19, 1925.

J. R. Kittler's PLATINUM CHINA

The name of the applicant as shown in the drawing is the facsimile of the handwriting of the said Joseph R. Kittler. No claim is made to the exclusive use of the words "Platinum China" apart from the mark shown.
Particular description of goods.—Chinaware — Viz, Ash Trays, Bonbon Dishes, Berry Sets, Butter Cups, Cake Plates, Candy Jars, Celery Trays, Chocolate Sets, Chop Dishes, Coffeepots, Dinner Ware, Dresser Sets, Fruit Bowls, Jardinieres, Lemonade Sets, Mayonnaise Sets, Mustard Jars, Nut Sets, Olive Dishes, Salt and Pepper Shakers, Sandwich Trays, Sugar and Cream Sets, Tea Sets, Vases, and Whip-Cream Bowls.
Claims use since Sept. 1, 1922.

Ser. No. 223,579. (CLASS 39. CLOTHING.) MARY E. HEINRICH, New York, N. Y. Filed Nov. 20, 1925.

THE GALE HAT TRADE MARK

No claim is made to the words "The," "Trade-mark," and "Hat" apart from the mark shown in the drawing.
Particular description of goods.—Women's Hats.
Claims use since Nov. 6, 1925.

Ser. No. 223,610. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE TITANIUM ALLOY MANUFACTURING COMPANY, Niagara Falls, N. Y. Filed Nov. 20, 1925.

TAM

Particular description of goods.—Zirconium and Titanium Compounds Employed as Pigments in Vitreous Coatings and Also as Refractories, and Particularly as Opaquing Agents in the Manufacture of Enamels and Glazes.
Claims use since July 15, 1925.

Ser. No. 223,640. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BERNARD GUILPIN, doing business as Laboratoires Garnier, Blois, France. Filed Nov. 21, 1925.



The wording is disclaimed apart from the mark shown, with the exception of the word "Garnier", same appearing in the facsimile signature of Garnier, the founder of applicant's business, now deceased.
Particular description of goods.—Lotion for the Hair.
Claims use since December, 1909.

Ser. No. 223,670. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WALLS & TOPHAM, Lindsay, Calif. Filed Nov. 21, 1925.

WALLS

Without waiver of their common-law rights, the applicants disclaim the exclusive rights to the use of the word "Walls" apart from the mark as shown.
Particular description of goods.—Fresh Citrous Fruits.
Claims use since Aug. 1, 1925.

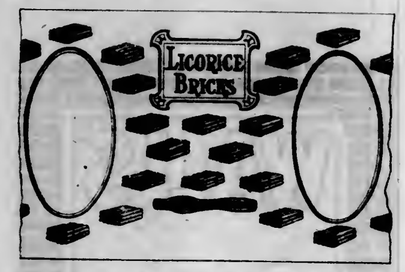
Ser. No. 223,751. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) TERRY SALES AND MANUFACTURING COMPANY, Colorado Springs, Colo. Filed Nov. 23, 1925.

TERRY'S LIQUID SHU-SOLE



No claim is made to any of the reading matter shown in the drawing except in association with the mark as shown.
Particular description of goods.—Liquid Preparation for Preserving Leather.
Claims use since June 1, 1922.

Ser. No. 223,831. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN LICORICE COMPANY, Chicago, Ill., and San Francisco, Calif. Filed Nov. 25, 1925.



No claim is made to the words "Licorice Bricks" or to the picture representation of the goods apart from the mark shown on the drawing. However, the applicant reserves all common-law rights thereto.

Particular description of goods.—Candy.

Claims use since Oct. 26, 1925.

Ser. No. 223,868. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ROBINSON & GOLLUBER, New York, N. Y. Filed Nov. 25, 1925.

SUREFAST

Particular description of goods.—Knitted, Woven, and Embroidered Fabrics in the Piece, of Cotton, Silk, Wool, and Artificial or Combinations of the Same.

Claims use since Nov. 11, 1924.

Ser. No. 223,908. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. FALK STOCK REMEDY CO., Cincinnati, Ohio. Filed Nov. 27, 1925.

F&FO

Particular description of goods.—Poultry Tablets.

Claims use since May 1, 1925.

Ser. No. 223,997. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BOYSEN FRUIT COMPANY, Modesto, Calif. Filed Nov. 30, 1925.

CLUB HOUSE

Particular description of goods.—Fresh Apples, Melons—Namely, Fresh Cantaloupes; Fresh Deciduous Fruits—Namely, Peaches; Fresh Vegetables—Namely, Lettuce.

Claims use since Jan. 1, 1925.

Ser. No. 223,909. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) CUTHBERT S. BUTCHART, Rye, N. Y. Filed Nov. 30, 1925.



The trade-mark consists of two parallel lines marked on the top or upper surface of the golf club head, substantially at right angles to the longitudinal axis of the club.

Particular description of goods.—Golf Clubs.

Claims use since July 8, 1925.

Ser. No. 224,020. (CLASS 15. OILS AND GREASES.) HANCOCK REFINING CO., Long Beach, Calif. Filed Nov. 30, 1925.

HANCOCK

The surname "Hancock" is disclaimed except as associated with the other features of the mark as shown in the drawing.

Particular description of goods.—Lubricating Oils and Greases.

Claims use since January, 1925.

Ser. No. 224,142. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE H. KOTHLOW, doing business as Milton Creamery Co., Milton, Wis. Filed Dec. 1, 1925.



Particular description of goods.—Butter.

Claims use since Nov. 21, 1925.

Ser. No. 224,180. (CLASS 37. PAPER AND STATIONERY.) CROWN WILLAMETTE PAPER COMPANY, San Francisco, Calif. Filed Dec. 3, 1925.

CWP Co

Particular description of goods.—Wrapping Paper.

Claims use since Jan. 5, 1925.

Ser. No. 224,236. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) ANDREW CHLPKA, doing business as A. Chlpka & Son, Lackawanna, N. Y. Filed Dec. 4, 1925.

A. Chlpka & Son
TITANO

No claim is made to the name "A. Chlpka & Son" apart from the mark shown.

Particular description of goods.—Metallic Dimmer Shades for Automobile Headlights.

Claims use since Nov. 10, 1925.

Ser. No. 224,303. (CLASS 33. GLASSWARE.) TAYLOR-LONG COMPANY, Charlotte, N. C. Filed Dec. 5, 1925.

BIG FELLA

Particular description of goods.—Glass Bottles.

Claims use since Nov. 23, 1925.

Ser. No. 224,304. (CLASS 45. BEVERAGES, NONALCOHOLIC.) TAYLOR-LONG COMPANY, Charlotte, N. C. Filed Dec. 5, 1925.

BIG FELLA

Particular description of goods.—Nonalcoholic, Maltless, Carbonated Beverages and the Sirups for Making the Same.

Claims use since Nov. 23, 1925.

Ser. No. 224,321. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) CITRON & GREENFIELD, San Francisco, Calif. Filed Dec. 7, 1925.

The Trailograf

Particular description of goods.—Projecting Machines for Still and Motion Pictures and Reading Matter.

Claims use since Oct. 1, 1923.

Ser. No. 224,392. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925.

ACME

Particular description of goods.—Food-Flavoring Extracts.

Claims use since 1889.

Ser. No. 224,396. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.

GOOD VALUE

The lining of the drawing is for shading only.

Particular description of goods.—Food-Flavoring Extracts.

Claims use since 1889.

Ser. No. 224,444. (CLASS 31. FILTERS AND REFRIGERATORS.) ARLINGTON REFRIGERATOR CO., INC., Arlington, Vt. Filed Dec. 9, 1925.

COLD HARBOR

Particular description of goods.—Filters and Refrigerators.

Claims use since August, 1912.

Ser. No. 224,446. (CLASS 31. FILTERS AND REFRIGERATORS.) ARLINGTON REFRIGERATOR CO., INC., Arlington, Vt. Filed Dec. 9, 1925.

JACK FROST

Particular description of goods.—Refrigerators and Filters.

Claims use since August, 1912.

Ser. No. 224,447. (CLASS 31. FILTERS AND REFRIGERATORS.) ARLINGTON REFRIGERATOR CO., INC., Arlington, Vt. Filed Dec. 9, 1925.

Frost King

Particular description of goods.—Filters and Refrigerators.

Claims use since August, 1912.

Ser. No. 224,459. (CLASS 12. CONSTRUCTION MATERIALS.) THE HAWTHORNE ROOFING TILE COMPANY, Cicero, Ill. Filed Dec. 9, 1925.

Hawthorne

Particular description of goods.—Roofing Tiles.
Claims use since July, 1924.

Ser. No. 224,467. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) WILLIAM A. MARSHALL, Long Beach, Calif. Filed Dec. 9, 1925.

SKOOKUM

Particular description of goods.—Liquid Polish for Automobiles, Furniture, Metals, and Painted and Varnished Surfaces.
Claims use since Nov. 23, 1925.

Ser. No. 224,481. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THREE POINT COAL COMPANY, AND ELLIS KNOB COAL COMPANY, Lenaru, Ky. Filed Dec. 9, 1925.



All of the wording with the exception of the word "Everglow" and the representation of the goods is disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Coal.
Claims use since May 1, 1923.

Ser. No. 224,508. (CLASS 39. CLOTHING.) INTERNATIONAL SHOE COMPANY, St. Louis, Mo. Filed Dec. 10, 1925.



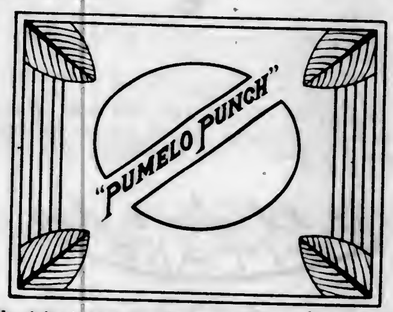
Particular description of goods.—Boots and Shoes of Leather.
Claims use since Oct. 15, 1925.

Ser. No. 224,606. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) INDIAN HEAD COAL SALES COMPANY, Lexington, Ky. Filed Dec. 12, 1925.

INDIAN HEAD

Particular description of goods.—Coal.
Claims use since December, 1923.

Ser. No. 224,643. (CLASS 45. BEVERAGES, NONALCOHOLIC.) ALEXANDER F. ARMSTRONG, doing business as The Pumelo Company, Ithaca, N. Y. Filed Dec. 14, 1925.



No claim is made to the words "Pumelo Punch" apart from the other features of the mark shown.
Particular description of goods.—Maltless, Nonalcoholic Beverages Composed of Fruit Juices and Carbonated Water.
Claims use since June 19, 1925.

Ser. No. 224,645. (CLASS 15. OILS AND GREASES.) THE ATLANTIC REFINING COMPANY, Philadelphia, Pa. Filed Dec. 14, 1925. Under ten-year proviso.

THE ATLANTIC REFINING CO

Particular description of goods.—Benzines, Gasolines, Naphthas, Kerosenes, Illuminating Oils, Burning Oils, Gas Oils, Heating Oils, Fuel Oils, Lubricating Oils, Motor Oils, Neutral Oils, Paraffine Oils, Black Oils, Compounded Oils, Crude Oils, Cutting Oils, Cylinder Oils, Dynamo Oils, Engine Oils, Road Oils, Roofing Oils, Transformer Oils, Turbine Oils, Transmission Oils, Spindle Oils, Greases Consisting Wholly or in Part of Petroleum Greases, Paraffine Wax, Candles, and Rust Preventives in the Nature of Oils and Greases.
Claims use since 1880.

Ser. No. 224,646. (CLASS 15. OILS AND GREASES.) THE ATLANTIC REFINING COMPANY, Philadelphia, Pa. Filed Dec. 14, 1925.

ATLANTIC

Particular description of goods.—Benzines, Gasolines, Naphthas, Kerosenes, Illuminating Oils, Burning Oils, Gas Oils, Heating Oils, Fuel Oils, Lubricating Oils, Motor Oils, Neutral Oils, Paraffine Oils, Black Oils, Compounded Oils, Crude Oils, Cutting Oils, Cylinder Oils, Dynamo Oils, Engine Oils, Road Oils, Roofing Oils, Transformer Oils, Turbine Oils, Transmission Oils, Spindle Oils, Greases Consisting Wholly or in Part of Petroleum Greases, Paraffine Wax, Candles, and Rust Preventives in the Nature of Oils and Greases.
Claims use since 1880.

Ser. No. 224,655. (CLASS 39. CLOTHING.) D'ANDREA BROTHERS, INC., New York, N. Y. Filed Dec. 14, 1925.



Particular description of goods.—Men's Business Suits, Dinner Suits, Dress Suits, Cutaways, Overcoats, Knickerbockers, Trousers, Dress Shirts, Negligee Shirts, Work Shirts, and Undershirts, of Knitted, Netted or Textile Fabric; Collars, Ties, Sweaters, Sweater Jackets, Hosiery, Bathing Suits, Beach Robes, House Robes, Underwear of Knitted, Netted, and Textile Fabrics; Slippers of Leather, Rubber, Fabric, or Combinations Thereof, and Pyjamas.
Claims use since April, 1922.

Ser. No. 224,679. (CLASS 45. BEVERAGES, NONALCOHOLIC.) JOHN SKIS, doing business as Globe Bottling Works, Parsons, Kans. Filed Dec. 14, 1925.

SKI-HI

Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks—Viz, Cream, Chocolate, Root Beer, Ginger Ale, and Various Fruit Flavors.
Claims use since Aug. 15, 1925.

Ser. No. 224,685. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) WELCO PRODUCTS, INC., Boston, Mass. Filed Dec. 14, 1925.

PINE BRAND CLEANOL HAND CLEANSER

No claim is made to the words "Pine Brand Hand Cleanser" apart from the mark shown.
Particular description of goods.—Hand Soap Product.
Claims use since about Sept. 1, 1924.

Ser. No. 224,716. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JAMES A. MCCORMACK, New York, N. Y. Filed Dec. 15, 1925. Under ten-year proviso.

BARKER'S

Particular description of goods.—Hair Tonic.
Claims use since 1847.

Ser. No. 224,722. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) POWELL'S, New York, N. Y. Filed Dec. 15, 1925.

Seven Seas

Particular description of goods.—Candy.
Claims use since Nov. 22, 1925.

Ser. No. 224,728. (CLASS 18. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE SANDS MANUFACTURING COMPANY, Cleveland, Ohio. Filed Dec. 15, 1925.

TEMPRESS

Particular description of goods.—Valves, Relief Valves, Fittings for Fluid-Containing Tanks, Boilers, and Fluid Conduits.
Claims use since Dec. 9, 1925.

Ser. No. 224,742. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BRESLIN BROS. CO., Gloucester, N. J. Filed Dec. 16, 1925.

EMPRESS WILTON

No claim is made to the use of the word "Wilton" apart from the mark shown.
Particular description of goods.—Textile Rugs.
Claims use since Dec. 30, 1912.

Ser. No. 224,748. (CLASS 37. PAPER AND STATIONERY.) JEAN DIEUX, Paris, France. Filed Dec. 16, 1925.

CHUT

Particular description of goods.—Printing, Writing, and Ledger Paper; Lead Pencils, Crayons, Pens, Pen Holders, Letter Files, Account Books, Blank Books, Notebooks, Gummed Paper, Paper Clips, Mailing Envelopes.
Claims use since prior to Feb. 25, 1925.

Ser. No. 224,790. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ULLMAN-LEVINTHAL SILKS CORPORATION, New York, N. Y. Filed Dec. 16, 1925.

ULCO SILKS

Without waiving any common-law rights and for the purposes of their registration only, applicant hereby disclaims the exclusive right to the use of the word "Silks" except as the same is used in connection with the other features of the mark shown on the drawing.
Particular description of goods.—Silk, Artificial Silk, Cotton or Combination Thereof in the Piece.
Claims use since 1923.

Ser. No. 224,807. (CLASS 38. PRINTS AND PUBLICATIONS.) CHILTON CLASS JOURNAL COMPANY, Philadelphia, Pa. Filed Dec. 17, 1925.

CHILTON TRACTOR & EQUIPMENT JOURNAL FOR FORDSON DEALERS

No claim is made to the exclusive use of the words "For Fordson Dealers" apart from the mark shown in the drawing.

Particular description of goods.—Periodical Published Monthly.

Claims use since Apr. 1, 1924.

Ser. No. 224,815. (CLASS 39. CLOTHING.) GEORGE WYMAN & Co., South Bend, Ind. Filed Dec. 17, 1925.

Jo. don

Particular description of goods.—Women's Dresses, Coats, Hats, Blouses, Knitted and Textile Underwear, and Hosiery.

Claims use since about July 1, 1924.

Ser. No. 224,817. (CLASS 39. CLOTHING.) EMIL GLICK, Cleveland, Ohio. Filed Dec. 17, 1925.

Bobby's Bow

The word "Bow" is disclaimed apart from the mark shown on the drawing. The picture in drawing is fanciful and not of any living individual.

Particular description of goods.—Knitted Neckties and Knitted Scarfs.

Claims use since Dec. 10, 1923.

Ser. No. 224,818. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE HART & COOLEY COMPANY, INCORPORATED, New Britain, Conn. Filed Dec. 17, 1925.

HANDY CRAFT

Particular description of goods.—Structural Toys.

Claims use since Oct. 5, 1925.

Ser. No. 224,846. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BEULAH B. TUCKER, St. Louis, Mo. Filed Dec. 17, 1925.

Tucker's Tuck-In

No claim is made to the word "Tucker's" apart from the mark shown on the drawing.

Particular description of goods.—Hygienic Sleeping Blanket Made from Cotton, Wool, or Mixtures Thereof.

Claims use since Aug. 1, 1925.

Ser. No. 224,871. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KLINE KANDIES, INC., Reading, Pa. Filed Dec. 18, 1925.

LUNCHETTE

The drawing as lined shows the colors red and blue, the elliptical background being red and the band running through that background being blue.

Particular description of goods.—Cakes.

Claims use since Nov. 5, 1925.

Ser. No. 224,883. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) CLYDE E. SPEER COAL COMPANY, INCORPORATED, Pittsburgh, Pa. Filed Dec. 18, 1925.

BLUE BELL BLOCK

The exclusive use of the word "Block" is disclaimed except in connection with the trade-mark as shown.

Particular description of goods.—Coal.

Claims use since Apr. 29, 1925.

Ser. No. 224,908. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CLARENCE H. FLINT, Brooklyn, N. Y. Filed Dec. 19, 1925.

O'LAX

Particular description of goods.—Candy and Chewing Gum.

Claims use since Feb. 10, 1925.

Ser. No. 224,917. (CLASS 12. CONSTRUCTION MATERIALS.) KEASBEY & MATTISON COMPANY, Ambler, Pa. Filed Dec. 19, 1925.

SABINITE

Particular description of goods.—Sound-Absorbing Plaster.

Claims use since Feb. 19, 1924.

Ser. No. 224,923. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) NAMELLO PRODUCTS, Waco, Tex. Filed Dec. 19, 1925.

NAMELLO

Particular description of goods.—Polish and Cleaner for Automobiles, Furniture, All Varnished and Painted Surfaces, and Metal and Glass.

Claims use since Nov. 24, 1924.

Ser. No. 224,924. (CLASS 37. PAPER AND STATIONERY.) NATIONAL CLOAK & SUIT CO., New York, N. Y. Filed Dec. 19, 1925.

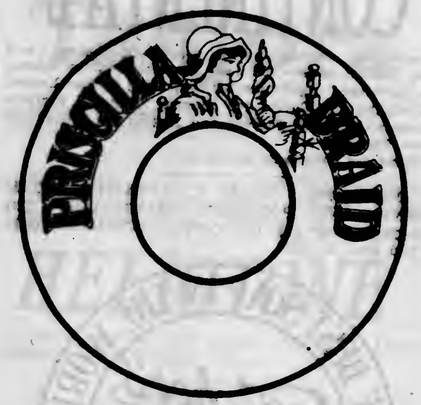


The picture shown on the drawing is not a portrait of a living individual, but is a fanciful creation of the designer of the "Trade-mark."

Particular description of goods.—Wall Paper.

Claims use since June 1, 1925.

Ser. No. 224,930. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) PRISCILLA BRAID COMPANY, Central Falls, R. I. Filed Dec. 19, 1925.



The word "Braid" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Silk, Cotton, and Fabric Braids for Use as Awning Bindings, Underwear Trimming, and Dress Trimming.

Claims use since May 31, 1923.

Ser. No. 224,955. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HAROLD S. CHAMBERLIN, doing business as Harold S. Chamberlin Company, Long Beach, Calif. Filed Dec. 21, 1925.

HARBOR BRAND



Applicant disclaims the use of the word "Brand" apart from the mark shown on the drawing.

Particular description of goods.—Tea, Coffee, Cocoa, Flavoring Extracts for Foods, Spices, Ground Chocolate, Marshmallow Crème.

Claims use since May 28, 1924.

Ser. No. 224,957. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) CONTINENTAL OPTICAL CORPORATION, New York, N. Y. Filed Dec. 21, 1925.

CONTINENTAL

Particular description of goods.—Ophthalmic and Other Optical Lenses and Lens Blanks, Eyeglass Frames and Mountings, Appliances for Measuring Optical Lenses, Determining the Curvatures Thereof, Grinding Surfaces of Proper Curvature Thereof, and Testing the Powers and Vision Thereof.
Claims use since Aug. 15, 1925.

Ser. No. 224,963. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE FISCHER SOAP AND OIL COMPANY, Cincinnati, Ohio. Filed Dec. 21, 1925.



Applicant disclaims the intent to register apart from the mark shown, the words "Fischer's Solidified Olive Green Soap (P. H.)," "Trade Mark Reg." and "The Best Soap in the World Made in Cincinnati" appearing on the drawing accompanying this statement and the petition.
Particular description of goods.—Soap.
Claims use since Sept. 1, 1921.

Ser. No. 224,964. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE FISCHER SOAP AND OIL COMPANY, Cincinnati, Ohio. Filed Dec. 21, 1925.



Applicant disclaims the intention to register apart from the mark shown, the words "Fischer's Concentrated Green Glycerine Soap (L. S.)," "Trade Mark Reg.," and "The Best Soap in the World Made in Cincinnati," appearing on the drawing accompanying this statement and the petition apart from the mark shown.
Particular description of goods.—Soap.
Claims use since Sept. 1, 1921.

Ser. No. 224,998. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) ERROLD B. THOMAS, Newton, Mass. Filed Dec. 21, 1925.

CELOZORB

The trade-mark consists of the word "Celozorb."
Particular description of goods.—Absorbent Material of Fibrous Character and in Sheet Form, Particularly Adapted for Use in Absorbent Packages or Pads, and in General as a Substitute for Cotton Wadding and the Like.
Claims use since Dec. 17, 1925.

Ser. No. 224,999. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) MRS. ESTELLE JAY WEED, doing business as E. J. Weed, Drayton Plains and Walled Lake, Mich. Filed Dec. 21, 1925.

BONNIE'S BEST

No claim is made to the word "Best" apart from the mark as shown.
Particular description of goods.—Orange Marmalade.
Claims use since October, 1922.

Ser. No. 225,016. (CLASS 37. PAPER AND STATIONERY.) JANEWAY & CARPENDER, INC., Highland Park, N. J. Filed Dec. 22, 1925.

WASH-A-WALL

Particular description of goods.—Wall Paper.
Claims use since May, 1917.

Ser. No. 225,032. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ABRAHAM S. PHILLIPS, New York, N. Y. Filed Dec. 22, 1925.

PHILPAK

Particular description of goods.—Handkerchiefs.
Claims use since Dec. 11, 1925.

Ser. No. 225,066. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) R. E. TONGUE & BROS. CO., INC., Philadelphia, Pa. Filed Dec. 23, 1925.



Particular description of goods.—Fly Ribbon, Fly Paper, Fly Tape, and Fly Swatters.
Claims use since on or about April, 1922.

Ser. No. 225,073. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE CLEMETSEN COMPANY, Chicago, Ill. Filed Dec. 23, 1925.

Clemcoglide

Particular description of goods.—Metal Parts for Desks for Movably Supporting Movable Supports in Desks for Typewriters and Other Like and Similar Devices, and Other Desk Parts, Such as Brackets, Guides, Stays, Hinges, Stops, and Casters.
Claims use since Feb. 12, 1925.

Ser. No. 225,083. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) DUPLEX SILK MILLS, INC., New York, N. Y. Filed Dec. 23, 1925.

FORKASTKREPE

Particular description of goods.—Sheer Crêpe in the Piece Made of Silk Only.
Claims use since Oct. 1, 1924.

Ser. No. 225,117. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GENERAL SEAFOODS CORPORATION, Gloucester, Mass. Filed Dec. 24, 1925.

Super

Particular description of goods.—Canned, Smoked, Salted, and Fresh Seafoods—Namely; Fish, Fish Filets, Fish Steaks, Fish Roe, Shrimps, Clams, Oysters, Lobsters, and Crabs.
Claims use since June 16, 1924.

Ser. No. 225,124. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) LORNA MANUFACTURING CO., INC., New York, N. Y. Filed Dec. 24, 1925.



The picture of the perfume atomizer is disclaimed except as shown in the drawing and without waiving the common-law rights thereof.
Particular description of goods.—Perfume Atomizers.
Claims use since Oct. 15, 1925.

Ser. No. 225,145. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOSEPH E. SEE, doing business as The Tanjora Company, New York, N. Y. Filed Dec. 24, 1925.

Tanjora

Particular description of goods.—Marmalade.
Claims use since Dec. 21, 1925.

Ser. No. 225,160. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) FRANK S. BETZ COMPANY, Hammond, Ind. Filed Dec. 26, 1925.

HELIOTONE

Particular description of goods.—Therapeutic Lamps.
Claims use since Oct. 28, 1925.

Ser. No. 225,175. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) CONTINENTAL OPTICAL CORPORATION, New York, N. Y. Filed Dec. 26, 1925.



Particular description of goods.—Ophthalmic and Other Optical Lenses and Lens Blanks, Eyeglass Frames, and Mountings, Appliances for Measuring Optical Lenses, Determining the Curvatures Thereof, Grinding Surfaces of Proper Curvature Thereof, and Testing the Powers and Vision Thereof.
Claims use since Aug. 15, 1925.

Ser. No. 225,194. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) HUNTINGTON LABORATORIES, INC., Huntington, Ind. Filed Dec. 26, 1925.

GERMA-MEDICA

Particular description of goods.—Soap.
Claims use since June 1, 1925.

Ser. No. 225,209. (CLASS 12. CONSTRUCTION MATERIALS.) UNITED STATES GYPSUM COMPANY, Chicago, Ill. Filed Dec. 26, 1925.

PLASTINT

Particular description of goods.—Plastic Wall Covering, Wall Plaster, and Finishing Plaster.
Claims use since Dec. 8, 1925.

Ser. No. 225,212. (CLASS 39. CLOTHING.) WOLFF-TOBER SHOE MFTG. CO., St. Louis, Mo. Filed Dec. 26, 1925.



Particular description of goods.—Ladies' and Misses' Shoes, Slippers, Pumps, and Low Quarters of Leather, Fabric, and Combinations Thereof.
Claims use since Oct. 1, 1925.

Ser. No. 225,222. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE DENVER ALFALFA MILLING & PRODUCTS CO., Lamar, Colo. Filed Dec. 28, 1925.

VITAMIZED WITH SUNSHINE

Particular description of goods.—Alfalfa Meal.
Claims use since Nov. 20, 1925.

Ser. No. 225,223. (CLASS 12. CONSTRUCTION MATERIALS.) WILLIAM E. DUNN, Holland, Mich. Filed Dec. 28, 1925.

SUPER CRETE

Particular description of goods.—Building Blocks, Bricks, and Building Tile Made of Concrete.
Claims use since on or about Nov. 16, 1925.

Ser. No. 225,229. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) SAMUEL LACHER, New York, N. Y. Filed Dec. 28, 1925.

TRAY-ETTE

Particular description of goods.—Hatboxes, Suitcases, and Traveling Bags.
Claims use since Oct. 16, 1925.

Ser. No. 225,236. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NOVODENT CHEMICAL CO., San Francisco, Calif. Filed Dec. 28, 1925.

BYRON'S NOVODENT

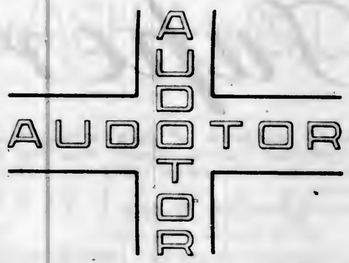
The right to the exclusive use of the word "Byron's" is hereby disclaimed apart from the mark shown.
Particular description of goods.—Tooth Powder.
Claims use since Sept. 1, 1925.

Ser. No. 225,238. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) THE S. J. PATTERSON COMPANY, Dayton, Ohio. Filed Dec. 28, 1925.

WHITE STAR

Trade-mark consists of the words "White Star."
Particular description of goods.—Coal.
Claims use since 1909.

Ser. No. 225,251. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE AUDITION CORPORATION, Hoboken, N. J. Filed Dec. 29, 1925.



Particular description of goods.—Electromechanical Device for Producing a Sensitizing Sound Wave for the Correction of Defective Hearing.
Claims use since Apr. 30, 1925.

Ser. No. 225,252. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EMMA BEECHAM, doing business as Beecham's Laboratory, Oscawana-on-Hudson, N. Y. Filed Dec. 29, 1925.

LADY TEASEL APRICOT

No claim is made to the word "Apricot" apart from the mark as shown.
Particular description of goods.—Face Powders, Face Creams, Face Packs, Skin Lotions, Hand Lotions, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, Lip Sticks, Eyebrow Pencils, Talcum Powders, Incense, Sachets, Brilliantine, Tissue Builder, and Skin Tonic.
Claims use since August, 1925.

Ser. No. 225,286. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) SELDEN TRUCK CORPORATION, Rochester, N. Y. Filed Dec. 29, 1925.

ROADMASTER

Particular description of goods.—Motor Trucks.
Claims use since Apr. 8, 1925.

Ser. No. 225,287. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) SELDEN TRUCK CORPORATION, Rochester, N. Y. Filed Dec. 29, 1925.

PACEMAKER

Particular description of goods.—Motor Trucks.
Claims use since May 11, 1923.

Ser. No. 225,316. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) POWER CITY BAKING COMPANY, Hazleton, Pa. Filed Dec. 30, 1925.

HAZLE-MAID

Particular description of goods.—Bread.
Claims use since May 11, 1923.

Ser. No. 225,319. (CLASS 37. PAPER AND STATIONERY.) THE ROBERT GRIFFIN COMPANY, Jersey City, N. J. Filed Dec. 30, 1925.

"GYPSY CLOTH"

Particular description of goods.—Wall Paper.
Claims use since July 1, 1923.

Ser. No. 225,326. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SYNDICATE TRADING CO., New York, N. Y. Filed Dec. 30, 1925.

STRATHMORE

Particular description of goods.—Cotton Piece Goods.
Claims use since Nov. 7, 1925.

Ser. No. 225,331. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VAN VLEET-MANSFIELD DRUG CO., Memphis, Tenn. Filed Dec. 30, 1925.



No claim is made to the use of the words "Mansfields Pile Salve" or "Formerly Magic" apart from the trade mark shown in the drawing, applicant reserving all common-law rights thereto as displayed.
Particular description of goods.—Pile Salve.
Claims use since 1860.

Ser. No. 225,334. (CLASS 12. CONSTRUCTION MATERIALS.) WEITZEL FLOORING CORPORATION, Philadelphia, Pa. Filed Dec. 30, 1925.

FIL-MAHOG
PRONOUNCED
PHIL-MOG

Particular description of goods.—Lumber.
Claims use since Dec. 14, 1925.

Ser. No. 225,335. (CLASS 12. CONSTRUCTION MATERIALS.) WEITZEL FLOORING CORPORATION, Philadelphia, Pa. Filed Dec. 30, 1925.

PHIL-MAHG
PRONOUNCED
FIL-MOG

Particular description of goods.—Lumber.
Claims use since Dec. 14, 1925.

Ser. No. 225,351. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NELLE MCGHEE CROUCH, doing business as Nedit Co., Columbia, Mo. Filed Dec. 31, 1925.

NEDIT

Particular description of goods.—Preparation to Set Dye in Fabrics.
Claims use since July, 1924.

Ser. No. 225,390. (CLASS 37. PAPER AND STATIONERY.) WESTFIELD RIVER PAPER COMPANY, INC., Russell, Mass. Filed Dec. 31, 1925.

ARTFOIL

No claim is made to the word "Foil" apart from the mark shown.
Particular description of goods.—Wrapping Paper.
Claims use since Dec. 20, 1925.

Ser. No. 225,400. (CLASS 38. PRINTS AND PUBLICATIONS.) HENRY S. CHAPIN, Brooklyn, N. Y. Filed Jan. 2, 1926.

Educational Foundations

Particular description of goods.—Periodical Magazines and Magazine Articles Usually Published Monthly or Quarterly.
Claims use since 1890.

Ser. No. 225,402. (CLASS 12. CONSTRUCTION MATERIALS.) DES MOINES CLAY COMPANY, Des Moines, Iowa. Filed Jan. 2, 1926.

Twintex

Particular description of goods.—Face and Common Brick.
Claims use since Apr. 15, 1921.

Ser. No. 225,431. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) LITTLE ROCK TENT & AWNING CO., Little Rock, Ark. Filed Jan. 2, 1926.

BRYBAK

Particular description of goods.—Tents, Awnings, and Curtains for Sleeping Porches, Verandas, and Store Fronts, Wagon and Truck Covers, and Tarpaulins.
Claims use since Nov. 2, 1925.

Ser. No. 225,437. (CLASS 12. CONSTRUCTION MATERIALS.) MATZ BUILDING PRODUCTS CORPORATION, Detroit, Mich. Filed Jan. 2, 1926.

MATZITE

Particular description of goods.—Bricks, Slabs, Blocks, and Partitions.
Claims use since October, 1924.

Ser. No. 225,462. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE ATLANTIC SEED COMPANY, INC., Philadelphia, Pa. Filed Jan. 4, 1926.

PLAZA

Particular description of goods.—Field Seed and Lawn Seed Mixtures.
Claims use since Sept. 1, 1924.

Ser. No. 225,463. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE ATLANTIC SEED COMPANY, INC., Philadelphia, Pa. Filed Jan. 4, 1926.

PARK-GREEN

Particular description of goods.—Field Seed and Lawn Seed Mixtures.
Claims use since Sept. 1, 1924.

Ser. No. 225,466. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE BURWELL CORPORATION, Sharon, Pa. Filed Jan. 4, 1926.

BURNOSHOCK"

Particular description of goods.—Shock Absorbers.
Claims use since Dec. 12, 1925.

Ser. No. 225,489. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) PETROLEUM HEAT & POWER CO., New York, N. Y. Filed Jan. 4, 1926.

PERRO
The Silent Oil Burner

No claim is made to the exclusive use of the words "The Silent Oil Burner" apart from the mark as shown in the drawing.
Particular description of goods.—Petroleum Oil Burners.
Claims use since Dec. 24, 1925.

Ser. No. 225,498. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE J. B. WILLIAMS COMPANY, Glastonbury, Conn. Filed Jan. 4, 1926.

BULLET

Particular description of goods.—Hand Cleaners.
Claims use since Dec. 23, 1925.

Ser. No. 225,508. (CLASS 39. CLOTHING.) ABRAHAM D. FELDSTEIN, New York, N. Y. Filed Jan. 5, 1926.

Billy West

Applicant disclaims the exclusive right to the use of the surname "West" except in the particular arrangement and association in which it appears with the rest of the trade-mark as presented in the drawing.
Particular description of goods.—Men's and Boy's Caps.
Claims use since Aug. 10, 1925.

Ser. No. 225,519. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) NORTH AMERICAN ANOLIN CORPORATION, Little Falls, N. Y. Filed Jan. 5, 1926.

NAK

Particular description of goods.—Shoe Polish and Leather Cleaner.
Claims use since June 5, 1925.

Ser. No. 225,531. (CLASS 18. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) MARIUS EDMOND MARCEL TRANNOY, Asnieres, France. Filed Jan. 5, 1926.

"FIXBROSS"

Particular description of goods.—Metallic Fitting for Securing of Brooms, Brushes, and Similar Articles.
Claims use since December, 1925.

Ser. No. 225,537. (CLASS 38. PRINTS AND PUBLICATIONS.) AMERICAN FEDERATION OF LABOR, Washington, D. C. Filed Jan. 6, 1926.

AMERICAN FEDERATION OF LABOR
UNION MADE
Orgd Nov. 15, 1886

Particular description of goods.—Printed Books, Pamphlets, and Circulars.
Claims use since about 1886.

Ser. No. 225,548. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SIDNEY BLUMENTHAL & CO., INC., New York, N. Y. Filed Jan. 6, 1926.

Servonia

Particular description of goods.—Pile Fabrics in the Piece.
Claims use since Dec. 19, 1925.

Ser. No. 225,571. (CLASS 38. PRINTS AND PUBLICATIONS.) NEW ENGLAND NEWSPAPER PUBLISHING COMPANY, Boston, Mass. Filed Jan. 6, 1926.

Martha Lee

The lining is merely for the purpose of shading.
Particular description of goods.—Newspaper Articles.
Claims use since Mar. 6, 1924.

Ser. No. 225,582. (CLASS 2. RECEPTACLES.) ANGEL INTERNATIONAL CORPORATION, New York, N. Y. Filed Jan. 7, 1926.

BLUE KISSON

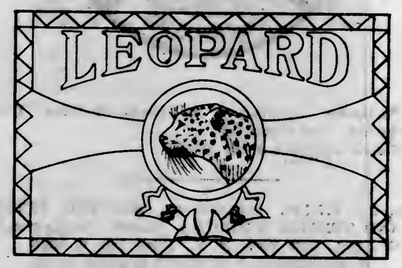
Particular description of goods.—Paper Receptacles for Dispensing Cream, Milk, Ice Cream, and the like.
Claims use since June, 1925.

Ser. No. 225,587. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HERBERT BUTTON, Cazenovia, N. Y. Filed Jan. 7, 1926.

SNOWKIST

Particular description of goods.—Apples as a Natural Edible Fruit.
Claims use since September, 1925.

Ser. No. 225,613. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) LION MATCH CO., INC., New York, N. Y. Filed Jan. 7, 1926.



Particular description of goods.—Matches — Namely, Safety Matches.
Claims use since Dec. 10, 1925.

Ser. No. 225,615. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) LION MATCH CO., INC., New York, N. Y. Filed Jan. 7, 1926.



Particular description of goods.—Matches — Namely, Safety Matches.
Claims use since Dec. 10, 1925.

Ser. No. 225,631. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) ERNEST WILKE, Newark, N. J. Filed Jan. 7, 1926.

E-Z NIFTY

Particular description of goods.—Furniture Polish.
Claims use since 1923.

Ser. No. 225,640. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) F. A. BOCHMANN & CO., INC., Philadelphia, Pa. Filed Jan. 8, 1926.

TASHAVOILE

Particular description of goods.—Worsted and Woolen Dress Goods Manufactured in the Piece.
Claims use since Dec. 23, 1925.

Ser. No. 225,644. (CLASS 2. RECEPTACLES.) ADAH BYERS, New York, N. Y. Filed Jan. 8, 1926.

"PUSSY PROOF"

Particular description of goods.—Bird Baths.
Claims use since Dec. 10, 1925.

Ser. No. 225,650. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) D. & E. METALS CO., Grandview Park and York, Pa. Filed Jan. 8, 1926.

"DEMCO"

Particular description of goods.—Brass, Bronze, and Aluminum Castings, Bearing Metals, and Alloys.
Claims use since Aug. 31, 1925.

Ser. No. 225,651. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) WILLIAM L. DEMING, Salem, Ohio. Filed Jan. 8, 1926.

Boil-Rite

Particular description of goods.—Egg Boilers.
Claims use since Dec. 11, 1925.

Ser. No. 225,662. (CLASS 15. OILS AND GREASES.) JAMES MCCORD COMPANY, Fort Worth, Tex. Filed Jan. 8, 1926.

MOTOR SEAL

Particular description of goods.—Lubricating Oil.
Claims use since Jan. 1, 1920.

Ser. No. 225,664. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES. KENNEY MANUFACTURING COMPANY, Cranston, R. I. Filed Jan. 8, 1926.

Crystal

Particular description of goods.—Metal Curtain Rods, Drapery Hardware, and Window-Shade Hardware.
Claims use since May 11, 1925.

Ser. No. 225,665. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JULIUS KLEIN, doing business as J. Klein Company, Philadelphia, Pa. Filed Jan. 8, 1926.

J and K

Particular description of goods.—Malt Extracts for Food Purposes.
Claims use since Nov. 9, 1925.

Ser. No. 225,672. (CLASS 46. FOODS AND INGREDIENTS OF FOODS. THE NATIONAL MILLING COMPANY, Toledo, Ohio. Filed Jan. 8, 1926.

Hostess

Particular description of goods.—Wheat Flour.
Claims use since Dec. 15, 1923.

Ser. No. 225,713. (CLASS 39. CLOTHING.) O. C. HANSEN MANUFACTURING COMPANY, Milwaukee, Wis. Filed Jan. 9, 1926.

BARONET

Particular description of goods.—Lined and Unlined Gloves Constructed of a Combination of Leather, Rubber, and Fabric.
Claims use since Dec. 14, 1925.

Ser. No. 225,720. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE H. D. LEE FLOUR MILLS COMPANY, Salina, Kans. Filed Jan. 9, 1926.

Pantry Gold

Particular description of goods.—Wheat Flour.
Claims use since July 27, 1925.

Ser. No. 225,721. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE H. D. LEE FLOUR MILLS COMPANY, Salina, Kans. Filed Jan. 9, 1926.

Kitchen Gold

Particular description of goods.—Wheat Flour.
Claims use since July 27, 1925.

Ser. No. 225,761. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. BILHUBER, INC., New York, N. Y. Filed Jan. 11, 1926.

Cardiazol

Particular description of goods.—Medical Preparation for the Treatment of the Heart.
Claims use since Nov. 10, 1925.

Ser. No. 225,765. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BRONNIMAN COMPANY, INC., New York, N. Y. Filed Jan. 11, 1926.



Particular description of goods.—Durum Semolina Used for Making Macaroni and as a Base for Stock Feed.
Claims use since Oct. 15, 1925.

Ser. No. 225,768. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BURNETT'S INC., Newark, N. J. Filed Jan. 11, 1926.



The lining on the drawing represents the colors red and yellow. Applicant disclaims the right to the use of the word "Burnett's" without waiving any of its common-law rights thereto or to any feature thereof.
Particular description of goods.—Bird Food.
Claims use since Apr. 11, 1905.

Ser. No. 225,772. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RONALD CORBETT, doing business as Freshy-Corbett Co., Clarion, Pa. Filed Jan. 11, 1926.

Freshys

Particular description of goods.—Pharmaceutical Preparations, Particularly Laxative Lozenges and Cold Tablets.
Claims use since July 15, 1924.

Ser. No. 225,791. (CLASS 15. OILS AND GREASES.) MASON CITY OIL & GREASE COMPANY, Mason City, Iowa. Filed Jan. 11, 1926.

P AND M

Particular description of goods.—Gasoline.
Claims use since Oct. 1, 1925.

Ser. No. 225,816. (CLASS 17. TOBACCO PRODUCTS.) JNO. H. SWISHER & SON, Newark, Ohio. Filed Jan. 11, 1926.



The portrait shown is a fanciful picture and does not apply to any particular person.
Particular description of goods.—Cigars.
Claims use since Dec. 17, 1925.

Ser. No. 225,851. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE SMITH AGRICULTURAL CHEMICAL COMPANY, Columbus, Ohio. Filed Jan. 12, 1926.

SACCO

Particular description of goods.—Battery Acids and Sulphuric Acids.
Claims use since Jan. 1, 1926.

Ser. No. 225,882. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) JOHNSON & JOHNSON, New Brunswick, N. J. Filed Jan. 13, 1926.

ADAPTIC

Particular description of goods.—Bandages.
Claims use since Dec. 23, 1925.

Ser. No. 225,929. (CLASS 37. PAPER AND STATIONERY.) KIMBERLY-CLARK COMPANY, Neenah, Wis. Filed Jan. 14, 1926.

ROTINDIA

Particular description of goods.—Book Papers.
Claims use since Sept. 6, 1923.

Ser. No. 225,946. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN ZAJAC, Peabody, MASS. Filed Jan. 14, 1926.



The translation of the words "Kro'l Nad Wlosami" which appear on the drawing is "King of Hair."
Particular description of goods.—Hair Tonic.
Claims use since Dec. 25, 1925.

Ser. No. 225,951. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PAUL CÓLLA, Youngstown, Ohio. Filed Jan. 15, 1926.



In the drawing the perpendicular lines represent red and the horizontal lines indicate blue.
Particular description of goods.—Scalp Tonic.
Claims use since Jan. 12, 1926.

Ser. No. 225,971. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) HORACE T. POTTS & Co., Philadelphia, Pa. Filed Jan. 15, 1926.



Particular description of goods.—Tool Steel.
Claims use since 1920.

Ser. No. 225,972. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) HORACE T. POTTS & Co., Philadelphia, Pa. Filed Jan. 15, 1926.

CRU-RAZOR

Particular description of goods.—Tool Steel.
Claims use since 1922.

Ser. No. 225,974. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) HORACE T. POTTS & Co., Philadelphia, Pa. Filed Jan. 15, 1926.

N-3

Particular description of goods.—Alloy Bar Steel.
Claims use since 1923.

Ser. No. 225,975. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) HORACE T. POTTS & Co., Philadelphia, Pa. Filed Jan. 15, 1926.

ELASTUF

Particular description of goods.—Alloy Bar Steel.
Claims use since 1922.

Ser. No. 225,976. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) HORACE T. POTTS & Co., Philadelphia, Pa. Filed Jan. 15, 1926.

SUPREMO

Particular description of goods.—Steel Sheets.
Claims use since 1922.

Ser. No. 225,991. (CLASS 37. PAPER AND STATIONERY.) BANKERS PRINTING COMPANY, San Francisco, Calif. Filed Jan. 16, 1926.

Plan-A-Day

Particular description of goods.—Memorandum Books, Diaries, Calendar Pads, and Calendar Sheets.
Claims use since Dec. 1, 1925.

Ser. No. 226,009. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LE JOLIE MAIN, INC., New York, N. Y. Filed Jan. 16, 1926.



Particular description of goods.—Nail Polishes, Perfumes, Face Powders, Talcum Powders, Face Creams, and Lotions.
Claims use since Jan. 3, 1921.

Ser. No. 226,018. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LOUIS PHILIPPE, INC., New York, N. Y. Filed Jan. 16, 1926.

CASTOLIVE

Particular description of goods.—Laxative.
Claims use since 1923.

Ser. No. 226,021. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) RACINE HORSESHOE TIRE COMPANY, Racine, Wis. Filed Jan. 16, 1926.

HOMESPUN

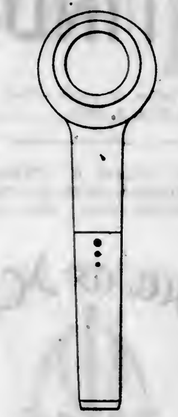
Particular description of goods.—Vehicle Tires Made Wholly or Partly of Rubber or Rubber Substitutes, and Inner Tubes Therefor.
Claims use since about Dec. 15, 1925.

Ser. No. 226,034. (CLASS 39. CLOTHING.) AMERICAN LADY CORSET CO., Detroit, Mich. Filed Jan. 18, 1926.

WEE-MODERN

Particular description of goods.—Corsets, Brassières, Girdles, Bandeaux, Corset Waists, Camisoles, Combinations of Brassières and Girdles, Brassières and Corsets, Brassières and Step-Ins, Brassières and Bloomers, Brassières and Petticoats, Combinations of Brassières, Girdles, and Bloomers, Brassières, Corsets, and Petticoats, Brassières, Girdles, and Drawers, Brassières, Girdles, and Step-Ins; Ladies' Vests, Chemises, Step-Ins; Women's, Misses', and Children's Knitted and Woven Underwear in One, Two, and Three Piece Garments.
Claims use since Dec. 1, 1925.

Ser. No. 226,049. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) DELACOUR & LEWIS CORPORATION, New York, N. Y. Filed Jan. 18, 1926.



Three yellow dots of different sizes located on the pipe mouthpiece and arranged in spaced relation longitudinally of said mouthpiece. The representation of a pipe which appears on the drawing is disclaimed apart from the mark shown.
Particular description of goods.—Tobacco Pipes.
Claims use since Jan. 2, 1926.

Ser. No. 226,122. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE ARMAND COMPANY, Des Moines, Iowa. Filed Jan. 20, 1926.



The mark consists of the representation of a fanciful figure.
Particular description of goods.—Soap.
Claims use since 1916.

Ser. No. 226,136. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ARTHUR GONZALES, New York, N. Y. Filed Jan. 20, 1926.



No claim is made to the exclusive use of the words "Garbanzo Mexicano Genuino" (Genuine Mexican Chick Peas) apart from the mark as shown in the drawing without disclaiming the exclusive use of these words to form the complete mark.
Particular description of goods.—Mexican Chick Peas.
Claims use since Jan. 7, 1926.

Ser. No. 226,162. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) RED STAR YEAST AND PRODUCTS CO., Milwaukee, Wis. Filed Jan. 20, 1926. (Under ten-year proviso.)



Particular description of goods.—Gin.
Claims use since Feb. 15, 1924.

Ser. No. 226,190. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THOMAS P. FIELD, doing business as Sutherland Specialty Co., Fluker, La. Filed Jan. 21, 1926.

SUSCO

Particular description of goods.—Tire Patches.
Claims use since April, 1925.

Ser. No. 226,217. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) KARLSRUHER PARFUMERIE- & TOILETTESEIFEN-FABRIK, F. WOLFF & SOHN, GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, Karlsruhe, Germany. Filed Jan. 22, 1926.



Particular description of goods.—Toilet Soap and Shaving Soap in Powdered Form.
Claims use since 1903.

Ser. No. 226,218. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) KARLSRUHER PARFUMERIE- & TOILETTESEIFEN-FABRIK, F. WOLFF & SOHN, GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, Karlsruhe, Germany. Filed Jan. 22, 1926.

Kaloderma

Particular description of goods.—Toilet Soap and Shaving Soap in Solid, Cream, and Powder Form.
Claims use since 1895.

Ser. No. 226,227. (CLASS 37. PAPER AND STATIONERY.) BYRON WESTON COMPANY, Dalton, Mass. Filed Jan. 22, 1926.

BONANZA

Particular description of goods.—Writing Paper.
Claims use since Dec. 1, 1925.

Ser. No. 226,248. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) IT SHOE POLISH CO., INC., Baltimore, Md. Filed Jan. 22, 1926.

EZSHINE

Particular description of goods.—Shoe Polish.
Claims use since Dec. 23, 1925.

Ser. No. 226,273. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ALSAMO MANUFACTURING CO., Philadelphia, Pa. Filed Jan. 23, 1926.

ALSAMO

Particular description of goods.—Polishing Preparation for Metals.
Claims use since Jan. 18, 1926.

Ser. No. 226,276. (CLASS 39. CLOTHING.) ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Jan. 23, 1926.

Snowster

Particular description of goods.—Arctics.
Claims use since Oct. 30, 1925.

Ser. No. 226,301. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PLE-JUR PRODUCTS CO., Glenside, Pa. Filed Jan. 23, 1926.

Ple-jur

Particular description of goods.—Candy.
Claims use since July 2, 1924.

Ser. No. 226,303. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) RIDE-EM PATCH CO., Newark, N. J. Filed Jan. 23, 1926.

"Rep!"

Particular description of goods.—Tire Patches.
Claims use since Jan. 7, 1926.

Ser. No. 226,341. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) DETROIT OAK BELTING COMPANY, Detroit, Mich. Filed Jan. 25, 1926.

SINEW

Particular description of goods.—Leather Belting.
Claims use since Aug. 8, 1924.

Ser. No. 226,346. (CLASS 43. THREAD AND YARN.) DUPLAN SILK CORPORATION, New York, N. Y. Filed Jan. 25, 1926.

DUPLANIZED

Particular description of goods.—Yarns.
Claims use since Jan. 31, 1920.

Ser. No. 226,356. (CLASS 32. FURNITURE AND UPHOLSTERY.) HASKELITE MANUFACTURING CORPORATION, Chicago, Ill. Filed Jan. 25, 1926.

PLYMETL

Particular description of goods.—Metal-Sheathed Portable Cabinets or Closets for Housing Clothing.
Claims use since January, 1924.

Ser. No. 226,380. (CLASS 32. FURNITURE AND UPHOLSTERY.) SOUTHERN SPRING BED COMPANY, Atlanta, Ga. Filed Jan. 25, 1926.

DUO-CHROME

Particular description of goods.—Beds.
Claims use since December, 1925.

Ser. No. 226,391. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE Z. WAIT, doing business as George Z. Wait Co., Sacramento, Calif. Filed Jan. 25, 1926.

CAL-WAIT

Particular description of goods.—Concentrated Fruit Juices for Making of Jellies, Fruit Pectin for Jellies.
Claims use since July 8, 1925.

Ser. No. 226,428. (CLASS 37. PAPER AND STATIONERY.) HARRY L. KALISH, New York, N. Y. Filed Jan. 26, 1926.

Slip-Sert

Particular description of goods.—Sample-Display Cards.
Claims use since November, 1925.

Ser. No. 226,438. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) THE PIERCE-ARROW MOTOR CAR COMPANY, Buffalo, N. Y. Filed Jan. 26, 1926.



Particular description of goods.—Internal-Combustion-Motor Heat Indicators.
Claims use since 1896.

Ser. No. 226,466. (CLASS 37. PAPER AND STATIONERY.) BARCK WALL PAPER CO., Brooklyn, N. Y. Filed Jan. 27, 1926.

Muralia

Particular description of goods.—Wall Paper.
Claims use since December, 1919.

Ser. No. 226,472. (CLASS 37. PAPER AND STATIONERY.) BYRON WESTON COMPANY, Dalton, Mass. Filed Jan. 27, 1926.

CENTENNIAL

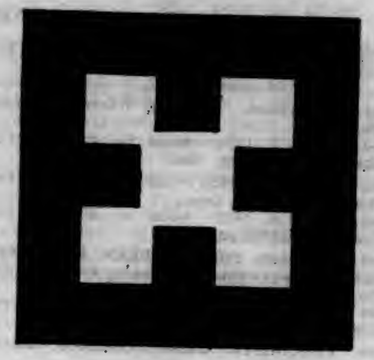
Particular description of goods.—Writing Paper.
Claims use since Jan. 11, 1926.

Ser. No. 226,478. (CLASS 37. PAPER AND STATIONERY.) CLARENCE ARTHUR CRANE, Cleveland, Ohio. Filed Jan. 27, 1926.

Hello!

Particular description of goods.—Telephone-Book Covers.
Claims use since Dec. 2, 1925.

Ser. No. 226,482. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) ERIE MALLEABLE IRON COMPANY, Erie, Pa. Filed Jan. 27, 1926.



Particular description of goods.—Malleable Iron Castings.
Claims use since 1895.

Ser. No. 226,537. (CLASS 37. PAPER AND STATIONERY.) BYRON WESTON COMPANY, Dalton, Mass. Filed Jan. 28, 1926.

WAHCONAH

Particular description of goods.—Writing Paper.
Claims use since Dec. 1, 1925.

Ser. No. 226,580. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) VALENTINE & COMPANY, New York, N. Y. Filed Jan. 28, 1926.

GUNGLAZE

Particular description of goods.—Paste Paint or Surfacing Material.
Claims use since February, 1925.

Ser. No. 226,601. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) PHILIP BLUM & COMPANY, INCORPORATED, Chicago, Ill. Filed Jan. 29, 1926.

Ambassador

Particular description of goods.—Whisky.
Claims use since Jan. 4, 1926.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

MARCH 9, 1926.

209,991. NECKTIES. HARRY F. WATERS, St. Louis, Mo.
Filed October 7, 1925. Serial No. 221,397. PUBLISHED DECEMBER 22, 1925.

209,992. CERTAIN FURNITURE. WEST-MADE DESK COMPANY, Portland, Oreg.
Filed October 8, 1925. Serial No. 221,466. PUBLISHED DECEMBER 22, 1925.

209,993. DRESSES FOR CHILDREN AND MISSES. NOXALL MANUFACTURING COMPANY, INC., New York, N. Y.
Filed October 14, 1925. Serial No. 221,711. PUBLISHED DECEMBER 15, 1925.

209,994. CHOCOLATE. LAMONT, CORLISS & COMPANY, New York, N. Y.
Filed October 16, 1925. Serial No. 221,840. PUBLISHED DECEMBER 22, 1925.

209,995. BUTTER, BREAD, ICE CREAM, EGGS, AND CANNED FRUIT. MUTUAL CREAMERY COMPANY, also doing business as The Mutual Stores, Oakland, Calif.
Filed October 16, 1925. Serial No. 221,846. PUBLISHED DECEMBER 15, 1925.

209,996. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND EXTRACTS AND SIRUPS FOR MAKING THE SAME. THE MICHIGAN DRUG CO., Detroit, Mich.
Filed October 17, 1925. Serial No. 221,906. PUBLISHED DECEMBER 22, 1925.

209,997. COMBINATION ARTICLES WHICH MAY BE USED AS A TABLE OR TUB BUT WHICH ARE NOT TO BE PERMANENTLY CONNECTED TO THE PLUMBING SYSTEM OF A HOUSE. B. H. DARROW, Oak Park, Ill.
Filed October 19, 1925. Serial No. 221,949. PUBLISHED DECEMBER 22, 1925.

209,998. YARNS. MARSHALL FIELD & CO., Chicago, Ill.
Filed October 19, 1925. Serial No. 221,955. PUBLISHED DECEMBER 29, 1925.

209,999. TRAVELING BAGS. MAX DAMM COMPANY, INC., Newark, N. J.
Filed October 21, 1925. Serial No. 222,079. PUBLISHED DECEMBER 29, 1925.

210,000. TEXTILE RUGS AND CARPETS. H. G. FETTEROLF COMPANY, Wayne Junction, Philadelphia, Pa.
Filed October 22, 1925. Serial No. 222,111. PUBLISHED DECEMBER 22, 1925.

210,001. HOSIERY. BONWIT TELLER & CO., New York, N. Y.
Filed October 24, 1925. Serial No. 222,217. PUBLISHED DECEMBER 15, 1925.

210,002. HOSIERY. BONWIT TELLER & CO., New York, N. Y.
Filed October 24, 1925. Serial No. 222,218. PUBLISHED DECEMBER 15, 1925.

210,003. GRAPE JUICE. HARRY P. HILLMAN, doing business as Island Belle Grape Juice Co., Grapeview, Wash.
Filed October 24, 1925. Serial No. 222,242. PUBLISHED DECEMBER 29, 1925.

210,004. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, GRAPEFRUIT. C. D. HUBBARD FRUIT CO., Carpenteria, Calif.
Filed October 24, 1925. Serial No. 222,248. PUBLISHED DECEMBER 29, 1925.

210,005. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, GRAPEFRUIT. C. D. HUBBARD FRUIT CO., Carpenteria, Calif.
Filed October 24, 1925. Serial No. 222,252. PUBLISHED DECEMBER 29, 1925.

210,006. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS AND EXTRACTS FOR MAKING SAME. HUDSON VALLEY PURE FOOD COMPANY, INC., Highland, N. Y.
Filed October 24, 1925. Serial No. 222,255. PUBLISHED DECEMBER 22, 1925.

210,007. COTTON, SILK, AND WOOLEN PIECE GOODS OR COMBINATIONS OF THE SAME. HYMAN BAUMAN CO., INC., New York, N. Y.
Filed October 24, 1925. Serial No. 222,256. PUBLISHED DECEMBER 29, 1925.

210,008. RADIO RECEIVING SETS. PAXTON AND GALLAGHER CO., Omaha, Nebr.
Filed September 14, 1925. Serial No. 220,250. PUBLISHED DECEMBER 1, 1925.

210,009. ELECTRIC INSULATING COMPOSITION. THE BRYANT ELECTRIC COMPANY, Bridgeport, Conn.
Filed August 24, 1925. Serial No. 219,269. PUBLISHED DECEMBER 1, 1925.

210,010. CLOTHING FOR WOMEN AND CHILDREN. E. T. SLATTERY CO., Boston, Mass.
Filed August 24, 1925. Serial No. 219,310. PUBLISHED DECEMBER 15, 1925.

210,011. LIQUID-SUPPLY-INDICATING DEVICES. THE F. J. BRANNEN COMPANY, Cleveland, Ohio.
Filed August 26, 1925. Serial No. 219,374. PUBLISHED OCTOBER 27, 1925.

210,012. SKIN HEADS OF DRUMS AND THE LIKE. LUDWIG & LUDWIG, Chicago, Ill.
Filed August 26, 1925. Serial No. 219,401. PUBLISHED DECEMBER 8, 1925.

210,013. COFFEE. YOUNG & GRIFFIN COFFEE CO. INC., New York, N. Y.
Filed August 28, 1925. Serial No. 219,510. PUBLISHED DECEMBER 22, 1925.

210,014. FRESH POTATOES. PAMPHIL T. CHEERCO, Seattle, Wash.
Filed August 31, 1925. Serial No. 219,577. PUBLISHED DECEMBER 29, 1925.

210,015. RADIO RECEIVING SETS AND PARTS THEREOF. DAVID GRIMES, INC., Jersey City, N. J.
Filed September 1, 1925. Serial No. 219,624. PUBLISHED DECEMBER 8, 1925.

210,016. RADIO LOUD-SPEAKING UNITS. MUTUAL PHONO PARTS MFG. CORP., New York, N. Y.
Filed September 1, 1925. Serial No. 219,638. PUBLISHED DECEMBER 1, 1925.

210,017. GARMENTS—NAMELY, OVERCOATS, WRAPS, SUITS, AND TROUSERS. MAX B. BRUMMER & SON INC., New York, N. Y.
Filed September 2, 1925. Serial No. 219,674. PUBLISHED DECEMBER 22, 1925.

210,018. RADIO RECEIVING SETS AND PARTS THEREOF. RADIOTEL MANUFACTURING CO., INC., Bay Shore, N. Y.
Filed September 3, 1925. Serial No. 219,762. PUBLISHED DECEMBER 8, 1925.

210,019. CHAIR AND DAVENPORT CUSHIONS. THE KLOUD UPHOLSTERING CO., Chicago, Ill.
Filed September 4, 1925. Serial No. 219,826. PUBLISHED DECEMBER 22, 1925.

210,020. WATCHES, WATCHCASES, WATCH DIALS, AND WATCHWORKS. HANS GISIGER, New York, N. Y.
Filed September 5, 1925. Serial No. 219,890. PUBLISHED DECEMBER 1, 1925.

210,021. BATTERY-CHARGER UNITS, RECTIFIER CELLS, TRANSFORMERS, AND RESISTANCE UNITS AND PARTS THEREOF. FANSTEEL PRODUCTS COMPANY, INC., North Chicago, Ill.
Filed September 8, 1925. Serial No. 219,953. PUBLISHED DECEMBER 1, 1925.

210,022. HOUSEHOLD FURNITURE—NAMELY, CHAIRS, DAVENPORTS, AND SOFAS. THE FRANKLIN FURNITURE CO., Columbiana, Ohio.
Filed September 8, 1925. Serial No. 219,956. PUBLISHED DECEMBER 15, 1925.

210,023. EARRINGS. P. & A. LINTON CO., Providence, R. I.
Filed September 8, 1925. Serial No. 219,970. PUBLISHED DECEMBER 1, 1925.

210,024. RADIO RECEIVING SETS AND COMPONENT PARTS THEREOF. MACHINE SPECIALTY COMPANY, Ann Arbor, Mich.
Filed September 8, 1925. Serial No. 219,973. PUBLISHED DECEMBER 8, 1925.

210,025. CLOCKS. THE E. INGRAHAM COMPANY, Bristol, Conn.
Filed September 10, 1925. Serial No. 220,072. PUBLISHED DECEMBER 1, 1925.

210,026. WATCHES. THE E. INGRAHAM COMPANY, Bristol, Conn.
Filed September 10, 1925. Serial No. 220,073. PUBLISHED DECEMBER 1, 1925.

210,027. RADIO LOUD SPEAKERS. THE PAYNE COMPANY, New York, N. Y.
Filed September 11, 1925. Serial No. 220,136. PUBLISHED DECEMBER 1, 1925.

210,028. RADIO RECEIVING SETS AND PARTS THEREOF. ASTRAL RADIO CORPORATION, Philadelphia, Pa.
Filed September 12, 1925. Serial No. 220,169. PUBLISHED DECEMBER 1, 1925.

210,029. REPAIR OUTFIT, INCLUDING SILK OR COTTON THREAD, WOOLS, OR YARNS AND A NEEDLE. PEPPERELL BRAIDING COMPANY, East Pepperell, Mass.
Filed October 8, 1925. Serial No. 221,202. PUBLISHED DECEMBER 29, 1925.

210,030. LADIES AND CHILDREN'S UNDERGARMENTS, OF TEXTILE FABRICS AND BRASSIÈRES. NILE UNDERGARMENT CO., New York, N. Y.
Filed October 6, 1925. Serial No. 221,330. PUBLISHED DECEMBER 15, 1925.

210,031. WRITING PAPER AND MAILING ENVELOPES. WHITE & WYCKOFF MANUFACTURING COMPANY, Holyoke, Mass.
Filed October 6, 1925. Serial No. 221,341. PUBLISHED DECEMBER 1, 1925.

210,032. COCOA; CANNED CORN, PEAS, AND TOMATOES; CANNED BEANS AND PORK, ROLLED OATS, COFFEE, CANNED BEETS, CANNED SAUERKRAUT, CANNED WAX BEANS, CANNED GREEN BEANS, CANNED SALMON, EVAPORATED MILK, AND SPICES. DAVIES-STRAUSS-STAUFFER COMPANY, Easton, Pa.
Filed October 7, 1925. Serial No. 221,853. PUBLISHED DECEMBER 15, 1925.

210,033. OIL POLISH FOR CLEANING AND POLISHING ALL ENAMELED, VARNISHED, OR OILED SURFACES, THE BASE BEING EITHER METAL OR WOOD. THE MATCHLESS METAL POLISH CO., Chicago, Ill., and Glen Ridge, N. J.
Filed October 2, 1925. Serial No. 221,131. PUBLISHED DECEMBER 15, 1925.

210,034. PREPARATION FOR THE TREATMENT OF ASTHMA. PATRICK KELLETT, Harrison, N. J.
Filed October 1, 1925. Serial No. 221,068. PUBLISHED DECEMBER 15, 1925.

210,035. BUTTERSCOTCH CANDY. ROACH TIEDALE & CO., Minneapolis, Minn.
Filed September 29, 1925. Serial No. 220,974. PUBLISHED DECEMBER 15, 1925.

210,036. CHEESE. PHENIX CHEESE CORPORATION, New York, N. Y.
Filed September 28, 1925. Serial No. 220,917. PUBLISHED DECEMBER 15, 1925.

210,037. MINERAL FEED FOR CATTLE, PARTICULARLY DAIRY CATTLE. MOORMAN MFG. CO., Quincy, Ill.
Filed September 28, 1925. Serial No. 220,908. PUBLISHED DECEMBER 15, 1925.

210,038. NITROCELLULOSE LACQUER. JONES-DABNEY VARNISH COMPANY, Louisville, Ky.
Filed September 28, 1925. Serial No. 220,900. PUBLISHED DECEMBER 15, 1925.

210,039. SALAD DRESSING. ARTHUR G. BROWNE, doing business as Napoleon Salad Dressing Co., Los Angeles, Calif.
Filed September 28, 1925. Serial No. 220,884. PUBLISHED DECEMBER 15, 1925.

210,040. MEDICINE FOR CATARRH, COUGHS, COLDS, BRONCHITIS, ASTHMA, HEADACHE, TOOTHACHE, SORE THROAT, RHEUMATISM, NEURALGIA, BURNS, BRUISES, SPRAINS, AND CUTS. W. F. PEGGRAM AND COMPANY, La Verne, Calif.
Filed September 26, 1925. Serial No. 220,863. PUBLISHED DECEMBER 8, 1925.

210,041. LEMON, ORANGE, VANILLA, AND ALMOND FOOD-FLAVORING EXTRACTS AND TOMATO CATCHUP. AMERICAN STORES COMPANY, Philadelphia, Pa.
Filed September 26, 1925. Serial No. 220,835. PUBLISHED DECEMBER 15, 1925.

210,042. MUSTARD, RASPBERRY JELLY, STRAWBERRY JELLY, PECTIN JELLY WITH GRAPE FLAVOR, AND PECTIN JELLY WITH APPLE FLAVOR. AMERICAN STORES COMPANY, Philadelphia, Pa.
Filed September 26, 1925. Serial No. 220,834. PUBLISHED DECEMBER 15, 1925.

210,043. FOODS AND INGREDIENTS OF FOODS. AMERICAN STORES COMPANY, Philadelphia, Pa.
Filed September 26, 1925. Serial No. 220,825. PUBLISHED DECEMBER 15, 1925.

210,044. GINGER ALE, SARSAPARILLA, ROOT BEER, AND GRAPE-JUICE. AMERICAN STORES COMPANY, Philadelphia, Pa.
Filed September 26, 1925. Serial No. 220,820. PUBLISHED DECEMBER 15, 1925.

210,045. BROOMS. AMERICAN STORES COMPANY, Philadelphia, Pa.
Filed September 26, 1925. Serial No. 220,818. PUBLISHED DECEMBER 15, 1925.

210,046. HATBANDS. THE OWL SPECIALTY CO., Paterson, N. J.
Filed September 25, 1925. Serial No. 220,796. PUBLISHED NOVEMBER 24, 1925.

210,047. HATBANDS. THE COLUMBIA RIBBON CO., Paterson, N. J.
Filed September 25, 1925. Serial No. 220,761. PUBLISHED NOVEMBER 24, 1925.

210,048. PAINTERS' BRUSHES. MORRIS BERKOWITZ, doing business as South End Hardware Company, Boston, Mass.
Filed September 25, 1925. Serial No. 220,754. PUBLISHED DECEMBER 15, 1925.

210,049. ETHICAL OINTMENT FOR THE TREATMENT OF CATHARRHAL INFLAMMATION, ULCERS, ERUPTIONS, INFLAMED MUCOUS MEMBRANES, VAGINITIS, URETHRITIS, ENDOMETRITIS, SWOLLEN, INFLAMED, AND PAINFUL JOINTS, CUTS, BRUISES, AND STINGS AND BITES OF INSECTS. WM. T. ELLISON, doing business as Southern Laboratories, Ybor City, Tampa, Fla.
Filed September 24, 1925. Serial No. 220,709. PUBLISHED DECEMBER 8, 1925.

210,050. CANNED FRUITS AND CANNED VEGETABLES. SUTTER CO-OPERATIVE GROWERS, San Francisco, Calif.
Filed September 23, 1925. Serial No. 220,689. PUBLISHED DECEMBER 15, 1925.

210,051. PREPARATION FOR THE TREATMENT OF RHEUMATISM AND OF KINDRED DISEASES. NORWOOD PHARMACEUTICAL COMPANY, Chicago, Ill.
Filed September 23, 1925. Serial No. 220,671. PUBLISHED DECEMBER 8, 1925.

210,052. RUBBER INNER TUBES FOR TIRES. THE FISK RUBBER COMPANY, Chicopee Falls, Mass.
Filed July 25, 1924. Serial No. 200,485. PUBLISHED MAY 5, 1925.

210,053. MOLDED RADIO ARTICLES, SPECIALTIES, AND PARTS MADE FROM PLASTICS—NAMELY, RADIO PANELS, DIALS, CONTROL HANDLES, SUPPORTS FOR CONDENSERS, VARIOMETERS, VARIOTRANSFORMERS, AND RHEOSTATS, TUBE BASES, AND SOCKETS. JOHN STOGDELL STOKES, Summerdale, Philadelphia, Pa.
Filed August 13, 1924. Serial No. 201,380. PUBLISHED DECEMBER 1, 1925.

210,054. DRY-CELL BATTERIES. RE-VI-VO, INC., New York, N. Y., assignor to Revivo Battery Corporation of Rutherford, N. J., a Corporation of New Jersey.
Filed September 17, 1924. Serial No. 202,711. PUBLISHED MARCH 17, 1925.

210,055. FIBER-SILK JERSEY CLOTH IN THE PIECE. M. I. HALPERIN, Brooklyn, N. Y.
Filed September 27, 1924. Serial No. 203,121. PUBLISHED JANUARY 20, 1925.

210,056. SLICED BACON, BACON, HAM, COOKED VINEGAR-PICKLED HEARTS, COOKED VINEGAR-PICKLED PIG'S FEET, COOKED VINEGAR-PICKLED PORK HOCKS, COOKED VINEGAR-PICKLED TONGUES, LARD, PORK SAUSAGE MEAT, PORK SAUSAGE, WIENER-STYLE SAUSAGE, FRANKFURTER-STYLE SAUSAGE, SLICED DRIED BEEF. GEO. A. HORMEL & CO., Austin, Minn.
Filed October 13, 1924. Serial No. 203,816. PUBLISHED DECEMBER 29, 1925.

210,057. SLICED BACON, BACON, HAM, COOKED VINEGAR-PICKLED HEARTS, COOKED VINEGAR-PICKLED PIG'S FEET, COOKED VINEGAR-PICKLED PORK HOCKS, COOKED VINEGAR-PICKLED TONGUES, LARD, PORK SAUSAGE MEAT, PORK SAUSAGE, WIENER-STYLE SAUSAGE, FRANKFURTER-STYLE SAUSAGE, SLICED DRIED BEEF. GEO. A. HORMEL & CO., Austin, Minn.
Filed October 13, 1924. Serial No. 203,817. PUBLISHED DECEMBER 29, 1925.

210,058. RADIO RECEIVING SETS AND RADIO PARTS—NAMELY, CONDENSERS, VARIOMETERS, AND BINDING POSTS, TRANSFORMERS, AND TRANSFORMER COILS. IMPERIAL ELECTRIC MFG. CO., INC., doing business as Puradyne Company, Newark, N. J.
Filed November 6, 1924. Serial No. 204,914. PUBLISHED DECEMBER 8, 1925.

210,059. PRESERVED FRUITS. INDUSTRIA MARMELLATE E CONSERVE ALIMENTARI, Voghera, Italy.
Filed November 11, 1924. Serial No. 205,121. PUBLISHED DECEMBER 29, 1925.

210,060. PRESERVED FRUITS. INDUSTRIA MARMELLATE E CONSERVE ALIMENTARI, Voghera, Italy.
Filed November 11, 1924. Serial No. 205,122. PUBLISHED DECEMBER 29, 1925.

210,061. WOMEN'S HATS. J. N. ADAM & CO., Buffalo, N. Y.
Filed November 17, 1924. Serial No. 205,385. PUBLISHED JULY 28, 1925.

210,062. ELECTRICAL AND RADIO SUPPLIES. SCHUSTER ELECTRIC COMPANY, Cincinnati, Ohio.
Filed November 19, 1924. Serial No. 205,558. PUBLISHED DECEMBER 1, 1925.

210,063. HOSIERY. HENRY SIEDENBURG, New York, N. Y.
Filed November 19, 1924. Serial No. 205,561. PUBLISHED MARCH 24, 1925.

210,064. HOSIERY FOR MEN, WOMEN, AND CHILDREN. MCCALLUM HOSIERY CO., Northampton, Mass.
Filed February 17, 1925. Serial No. 209,738. PUBLISHED DECEMBER 15, 1925.

210,065. CERTAIN BED AND TABLE LINENS. A. S. HERRMANN, INC., New York, N. Y.
Filed March 24, 1925. Serial No. 211,529. PUBLISHED DECEMBER 22, 1925.

210,066. RADIO RECEIVING SETS. FRANKLIN H. MACKENZIE, doing business as Mack Company, Philadelphia, Pa.
Filed March 28, 1925. Serial No. 211,793. PUBLISHED DECEMBER 8, 1925.

210,067. CERTAIN NAMED SMOKERS' ARTICLES. BAKELITE CORPORATION, New York, N. Y.
Filed April 11, 1925. Serial No. 212,533. PUBLISHED DECEMBER 22, 1925.

210,068. ELECTRIC PULL SOCKETS. HART & HEGEMAN MANUFACTURING COMPANY, Hartford, Conn.
Filed April 18, 1925. Serial No. 212,923. PUBLISHED DECEMBER 1, 1925.

210,069. WEIGHING SCALES FOR USE IN THE HOUSEHOLD AND BY PHYSICIANS. HANSON BROTHERS SCALE COMPANY, Chicago, Ill.
Filed April 24, 1925. Serial No. 213,237. PUBLISHED JUNE 23, 1925.

210,070. FOLDING CHAIRS. LOUIS RASTETTER & SONS, Fort Wayne, Ind.
Filed May 8, 1925. Serial No. 214,033. PUBLISHED DECEMBER 15, 1925.

210,071. SHOES MADE OF LEATHER AND FELT. LONDON SHOE CO. INC., New York, N. Y.
Filed May 27, 1925. Serial No. 214,967. PUBLISHED AUGUST 18, 1925.

210,072. JEWELRY, AND MORE PARTICULARLY BRACELETS. THE NAPIER CO., New York, N. Y.
Filed June 1, 1925. Serial No. 215,166. PUBLISHED DECEMBER 1, 1925.

210,073. FRESH ASPARAGUS. THE WRIGHT CORPORATION, San Francisco, Calif.
Filed June 2, 1925. Serial No. 215,226. PUBLISHED DECEMBER 29, 1925.

210,074. AUTOMOBILE BATTERY CHARGERS, AUTOMOBILE IGNITION PARTS, AUTOMOBILE STARTER PARTS, AUTOMOBILE STARTERS, AUTOMOBILE GENERATORS, AUTOMOBILE GENERATOR PARTS, AUTOMOBILE ELECTRIC HORNS, AUTOMOBILE ELECTRIC-LIGHTING EQUIPMENT. AUTO EQUIPMENT AND SERVICE CO., Philadelphia, Pa.
Filed June 10, 1925. Serial No. 215,546. PUBLISHED DECEMBER 8, 1925.

210,075. MUSICAL INSTRUMENTS—VIZ, CLARINETS, SAXOPHONES, OBOES, BASSOONS, SARRUSSOPHONES, AND REEDS FOR THE SAID NAMED INSTRUMENTS. CARL FISCHER, INC., New York, N. Y.
Filed June 20, 1925. Serial No. 216,094. PUBLISHED DECEMBER 1, 1925.

210,076. KNITTED COTTON PADDING, TABLE PADS, AND BED PADS. KNITTED PADDING COMPANY, Canton, Mass.
Filed November 10, 1925. Serial No. 223,096. PUBLISHED DECEMBER 29, 1925.

210,077. LADIES' AND MISSES' KNICKERBOCKERS OF WOOL AND COTTON. RELIANCE TOGS, INC., New York, N. Y.
Filed November 6, 1925. Serial No. 222,942. PUBLISHED DECEMBER 22, 1925.

210,078. ANTISEPTIC AND ALKALINE ANTISEPTIC SOLUTIONS ADAPTED FOR THE TREATMENT OF SKIN AND MUCOUS MEMBRANES OF THE HUMAN BODY. SYLVESTER W. LEIDICH, doing business as Llewellyn, Philadelphia, Pa.
Filed November 6, 1925. Serial No. 222,927. PUBLISHED DECEMBER 15, 1925.

210,079. CANDY. THE LOOMIS-WOODWARD COMPANY, Fort Dodge, Iowa.
Filed November 5, 1925. Serial No. 222,854. PUBLISHED DECEMBER 29, 1925.

210,080. DRESSES. BARMON BROTHERS COMPANY, INC., Buffalo, N. Y.
Filed November 5, 1925. Serial No. 222,812. PUBLISHED DECEMBER 22, 1925.

210,081. BATH ROBES AND BATH ROBINGS. HERZOG & KRAMER, New York, N. Y.
Filed November 3, 1925. Serial No. 222,747. PUBLISHED DECEMBER 22, 1925.

210,082. KNITTED UNDERWEAR. W. T. GRANT COMPANY, Lynn, Mass., and New York, N. Y.
Filed November 3, 1925. Serial No. 222,743. PUBLISHED DECEMBER 22, 1925.

210,083. MEN'S, YOUTHS', AND BOYS' OUTER GARMENTS, COMPRISING COATS, VESTS, TROUSERS, KNICKERBOCKERS, OVERCOATS, MACKINAWS, JACKETS, AND OVERALLS; CHILDREN'S AND YOUTHS' ROMPERS, AND CHILDREN'S AND MISSES' BLOOMERS. J. SCHOENEMAN, INCORPORATED, Baltimore, Md.
Filed November 2, 1925. Serial No. 222,710. PUBLISHED DECEMBER 22, 1925.

210,084. MEN'S, YOUTHS', AND BOYS' OUTER GARMENTS COMPRISING COATS, VESTS, TROUSERS, KNICKERBOCKERS, OVERCOATS, MACKINAWS, JACKETS, AND OVERALLS; CHILDREN'S AND YOUTHS' ROMPERS, AND CHILDREN'S AND MISSES' BLOOMERS. J. SCHOENEMAN, INCORPORATED, Baltimore, Md.
Filed November 2, 1925. Serial No. 222,709. PUBLISHED DECEMBER 22, 1925.

210,085. WIRE GLASS. MISSISSIPPI WIRE GLASS COMPANY, New York, N. Y.
Filed November 2, 1925. Serial No. 222,606. PUBLISHED DECEMBER 29, 1925.

210,086. RUBBER HEELS. UNITED SHOE MACHINERY CORPORATION, Paterson, N. J., and Boston, Mass.
Filed October 31, 1925. Serial No. 222,643. PUBLISHED DECEMBER 22, 1925.

210,087. HOSIERY. BROWN, THOMSON & COMPANY, Hartford, Conn.
Filed October 31, 1925. Serial No. 222,596. PUBLISHED DECEMBER 15, 1925.

210,088. CARBONATED, NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS USED IN MAKING THE SAME. MOUNT HOOD MFG. CO., Portland, Oreg.
Filed October 30, 1925. Serial No. 222,570. PUBLISHED DECEMBER 29, 1925.

210,089. UNDERWEAR FOR MEN, WOMEN, AND CHILDREN, MADE OF SILK, ARTIFICIAL SILK, COTTON, OR A COMBINATION THEREOF. JULIUS KAYSER & CO., New York, N. Y.
Filed October 30, 1925. Serial No. 222,569. PUBLISHED DECEMBER 15, 1925.

210,090. CHILDREN'S DRESSES, BOYS' SUITS, AND CREEPERS. L. WOHL & CO., New York, N. Y.
Filed October 29, 1925. Serial No. 222,533. PUBLISHED DECEMBER 15, 1925.

210,091. RUBBER VEHICLE TIRES AND INNER TUBES. BRUNSWICK TIRE CORPORATION, New York, N. Y.
Filed October 29, 1925. Serial No. 222,496. PUBLISHED DECEMBER 22, 1925.

210,092. MEN'S AND YOUNG MEN'S SUITS. PALMER CLOTHING MANUFACTURING COMPANY, Chattanooga, Tenn.
Filed October 28, 1925. Serial No. 222,477. PUBLISHED DECEMBER 15, 1925.

210,093. PISTOL GRIPS AND BUTT PLATES. BAKELITE CORPORATION, New York, N. Y.
Filed October 28, 1925. Serial No. 222,424. PUBLISHED DECEMBER 22, 1925.

210,094. GERMICIDE FOR EXTERNAL USE. AMERICAN AVATOR COMPANY, INC., New York, N. Y.
Filed October 28, 1925. Serial No. 222,421. PUBLISHED DECEMBER 8, 1925.

210,095. CERTAIN NAMED PIECE GOODS. JACOB MILLER'S SONS CO., Philadelphia, Pa.
Filed October 26, 1925. Serial No. 222,331. PUBLISHED DECEMBER 29, 1925.

210,096. COMPOSITIONS FOR COLORING, WATERPROOFING, AND COATING CONCRETE, STUCCO, BRICK, AND OTHER MASONRY SURFACES FOR EXTERIOR AND INTERIOR USE. THE MASTER BUILDERS COMPANY, Cleveland, Ohio.
Filed September 18, 1925. Serial No. 220,410. PUBLISHED DECEMBER 15, 1925.

210,097. PREPARATION FOR EXTERMINATING COCKROACHES AND BLACK BEETLES. ELIJAH HOWARTH, Sheffield, England.
Filed September 15, 1925. Serial No. 220,288. PUBLISHED DECEMBER 15, 1925.

210,098. TOOTH PASTE. ANTHONY K. DELLAROWE, doing business as Dellarowe Drug Company, Hollywood, Calif.
Filed September 14, 1925. Serial No. 220,219. PUBLISHED DECEMBER 15, 1925.

210,099. PERFUMES. ANNE W. LANFRANCHI, doing business as Rollee, New York, N. Y.
Filed September 12, 1925. Serial No. 220,194. PUBLISHED DECEMBER 15, 1925.

210,100. PERFUMES. ANNE W. LANFRANCHI, doing business as Rollee, New York, N. Y.
Filed September 12, 1925. Serial No. 220,198. PUBLISHED DECEMBER 15, 1925.

210,101. DOMESTIC-FABRIC DYES. WILLIAM H. BANNON, doing business as W. H. Bannon & Co., Providence, R. I.
Filed September 12, 1925. Serial No. 220,170. PUBLISHED DECEMBER 8, 1925.

210,102. ALL KINDS OF PAINTS AND VARNISHES. SUPREME PAINT & VARNISH CO., Brooklyn, N. Y.
Filed September 10, 1925. Serial No. 220,095. PUBLISHED DECEMBER 15, 1925.

210,103. STOCK FEED. A. E. STALEY MANUFACTURING COMPANY, Decatur, Ill.
Filed September 4, 1925. Serial No. 219,856. PUBLISHED DECEMBER 15, 1925.

210,104. VEGETABLE JELLY FOR USE IN TREATING INFLAMMATIONS AND ULCERS OF MUCOUS MEMBRANES. GALEN LABORATORIES, INC., Buffalo, N. Y.
Filed September 1, 1925. Serial No. 219,622. PUBLISHED DECEMBER 15, 1925.

210,105. CANNED TOMATOES. CONSUMERS PROFIT COMPANY, New York, N. Y.
Filed August 29, 1925. Serial No. 219,528. PUBLISHED DECEMBER 15, 1925.

210,106. COFFEE, SPICES, AND EXTRACTS FOR FOOD-FLAVORING PURPOSES. WEATHERSBY-BRUNNER CO., Linden Station, Memphis, Tenn.
Filed August 27, 1925. Serial No. 219,464. PUBLISHED DECEMBER 15, 1925.

210,107. TONIC FOR THE SCALP. LEWIS A. GROSS, doing business as Lag Chemical Co., Philadelphia, Pa.
Filed August 25, 1925. Serial No. 219,339. PUBLISHED DECEMBER 15, 1925.

210,108. CANNED FRESH OYSTERS. PUBLICITY AND RESEARCH BUREAU, Washington, D. C.
Filed Aug. 18, 1925. Serial No. 219,044. PUBLISHED DECEMBER 15, 1925.

210,109. SCRATCH FEED AND DAIRY RATION. GEORGE Q. MOON & COMPANY, INC., Binghamton, N. Y.
Filed August 14, 1925. Serial No. 218,863. PUBLISHED DECEMBER 15, 1925.

210,110. NONALCOHOLIC FOOD BEVERAGE WITH A MALT-CHOCOLATE FLAVOR. MALTOP, INC., Buffalo, N. Y.
Filed August 11, 1925. Serial No. 218,709. PUBLISHED DECEMBER 15, 1925.

210,111. NECKTIE SUPPORTS MADE OF OR PLATED WITH PRECIOUS METAL. WILLIAM P. TALBOT, doing business as Eclipse Products Co., New York, N. Y.
Filed June 22, 1925. Serial No. 216,236. PUBLISHED NOVEMBER 3, 1925.

210,112. SOUND RECORDS FOR PHONOGRAPHS AND TALKING MACHINES. SONORA PHONOGRAPH CORPORATION, New York, N. Y.
Filed March 23, 1920. Serial No. 130,108. PUBLISHED MAY 25, 1920.

210,113. OLIVE OIL. A. F. BECKMANN & COMPANY, INC., New York, N. Y., assignor to August F. Beckmann, New York, N. Y.
Filed November 4, 1922. Serial No. 171,567. PUBLISHED DECEMBER 29, 1925.

210,114. GOLF CLUBS. THE CRAWFORD, MCGREGOR & CANBY COMPANY, Dayton, Ohio.
Filed November 6, 1922. Serial No. 171,626. PUBLISHED DECEMBER 29, 1925.

210,115. ELECTRICAL HEATERS OF THE LOG DESIGN. STRAIT & RICHARDS, INC., Newark, N. J.
Filed February 9, 1923. Serial No. 175,832. PUBLISHED DECEMBER 1, 1925.

210,116. CANNED FRUITS AND FRUIT PRESERVES, CANNED VEGETABLES, CANNED SEA FOODS, ETC. REID, MURDOCH & CO., Chicago, Ill.
Filed May 21, 1923. Serial No. 180,943. PUBLISHED SEPTEMBER 16, 1924.

210,117. ELECTRIC CONDUIT FITTINGS AND ELECTRIC WIRING DEVICES, ETC. THE VECO MFG. CO., South Norwalk, Conn.
Filed August 23, 1923. Serial No. 184,924. PUBLISHED DECEMBER 1, 1925.

210,118. SILKS IN THE PIECE. JANSEN & PRETZFELD, INC., New York, N. Y.
Filed October 19, 1923. Serial No. 187,218. PUBLISHED FEBRUARY 3, 1925.

210,119. TIRE PATCHES. R. C. MOORE, Hollywood, Calif.
Filed December 3, 1923. Serial No. 189,166. PUBLISHED DECEMBER 15, 1925.

210,120. FABRICS MADE OF SILK. GOLDING FABRICS CORPORATION, New York, N. Y.
Filed December 21, 1923. Serial No. 189,974. PUBLISHED FEBRUARY 10, 1925.

210,121. COTTON PIECE GOODS COMPRISING COTTON VENETIANS. THE BRADFORD DYERS' ASSOCIATION, LIMITED, Bradford, England.
Filed January 26, 1924. Serial No. 191,300. PUBLISHED FEBRUARY 24, 1925.

210,122. RADIO APPARATUS, PARTS, AND APPURTENANCES, ETC. VICTOR TALKING MACHINE COMPANY, Camden, N. J.
Filed April 8, 1924. Serial No. 195,203. PUBLISHED DECEMBER 2, 1924.

210,123. COMPLETE RADIO RECEIVING SETS EDITH BROWN, New York, N. Y.
Filed May 20, 1924. Serial No. 197,321. PUBLISHED DECEMBER 1, 1925.

210,124. MEN'S DRESS, NEGLIGEE, AND WORK SHIRTS AND MUFFLERS. BRESLIN SHIRT CO. INC., New York, N. Y.
Filed June 14, 1924. Serial No. 198,561. PUBLISHED JANUARY 27, 1925.

210,125. MERCURY-VAPOR ARC LAMPS AS SOURCES OF ULTRA-VIOLET AND OTHER LIGHT FOR USE IN COMMERCIAL AND SCIENTIFIC LABORATORIES AND FOR GENERAL USE OTHER THAN THERAPEUTIC PURPOSES—NAMELY, FOR ILLUMINATION, PHOTOGRAPHIC, AND PHOTOCHEMICAL PURPOSES. COOPER HEWITT ELECTRIC COMPANY, Hoboken, N. J.
Filed June 26, 1924. Serial No. 199,150. PUBLISHED DECEMBER 8, 1925.

210,126. CERTAIN GLASSWARE. INCANDESCENT SUPPLY COMPANY, New York, N. Y.
Filed July 5, 1924. Serial No. 199,626. PUBLISHED JUNE 16, 1925.

210,127. KNITTED COTTON PADDING, TABLE PADS, AND BED PADS. KNITTED PADDING COMPANY, Canton, Mass.
Filed November 10, 1925. Serial No. 223,097. PUBLISHED DECEMBER 29, 1925.

210,128. TEXTILE BLANKETS. THE ESMOND MILLS, Esmond, Smithfield, R. I.
Filed November 13, 1925. Serial No. 223,222. PUBLISHED DECEMBER 29, 1925.

210,129. TEXTILE BLANKETS. THE ESMOND MILLS, Esmond, Smithfield, R. I.
Filed November 13, 1925. Serial No. 223,223. PUBLISHED DECEMBER 29, 1925.

210,130. WORSTED AND WOOLEN TEXTILE FABRICS. HOLDEN-LEONARD CO., New York, N. Y.
Filed November 13, 1925. Serial No. 223,234. PUBLISHED DECEMBER 29, 1925.

210,131. WORSTED AND WOOLEN TEXTILE FABRICS. HOLDEN-LEONARD CO., New York, N. Y.
Filed November 13, 1925. Serial No. 223,235. PUBLISHED DECEMBER 29, 1925.

210,132. CANNED SALMON. EMEL PACKING COMPANY, Seattle, Wash.
Filed November 16, 1925. Serial No. 223,378. PUBLISHED DECEMBER 29, 1925.

210,133. NONALCOHOLIC, NONCEREAL, MALTLESS CARBONATED BEVERAGES AND SIRUPS FOR MAKING THE SAME. JOHN GRAF CO., Milwaukee, Wis.
Filed November 16, 1925. Serial No. 223,385. PUBLISHED DECEMBER 29, 1925.

210,134. ARTIFICIAL-SILK THREADS AND YARNS. TUBIZE ARTIFICIAL SILK COMPANY OF AMERICA, Philadelphia, Pa.
Filed November 18, 1925. Serial No. 223,495. PUBLISHED DECEMBER 29, 1925.

210,135. CARBONATED, NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS—VIZ, GINGER ALE, ROOT BEER, SARSAPARILLA, VANILLA, AND VARIOUS FRUIT FLAVORS. GOLDEN DOME BOTTLING CO., INC., Roxbury, Boston, Mass.
Filed November 17, 1925. Serial No. 223,436. PUBLISHED DECEMBER 29, 1925.

210,136. COOKIES, CRACKERS, CAKES, AND BISCUITS. JOHNSON EDUCATOR FOOD COMPANY, Cambridge, Mass.
Filed December 28, 1920. Serial No. 141,578. PUBLISHED MAY 31, 1921.

210,137. ELECTRICALLY-OPERATED DRINK MIXERS. MECHANICAL MIXERS CORPORATION, New York.
Filed June 17, 1922. Serial No. 165,636. PUBLISHED DECEMBER 8, 1925.

210,138. FLOOD LIGHTS AND COMPLETE ELECTRIC PROJECTING LAMPS FOR VEHICLES AND STATIONARY INSTALLATIONS. THE PYLE-NATIONAL COMPANY, Chicago, Ill.
Filed February 29, 1924. Serial No. 193,068. PUBLISHED DECEMBER 8, 1925.

210,139. CANNED BERRIES, CANNED FRUITS, CANNED VEGETABLES, CANNED FISH, AND CANNED FOODS—NAMELY, BLACKBERRIES, LOGAN BERRIES, BLACK RASPBERRIES, RED RASPBERRIES, STRAWBERRIES, APPLE SAUCE, APRICOTS, ASPARAGUS, ASPARAGUS TIPS, RED KIDNEY BEANS, LIMA BEANS, GREEN STRINGLESS BEANS, WAX BEANS, BEETS, RED PITTED CHERRIES, BLACK CHERRIES, ROYAL ANNE CHERRIES, GOLDEN BANTAM CORN, GRAPEFRUIT, PEACHES, PEARS, PEAS, PINEAPPLE, PRUNES, PUMPKIN, SAUERKRAUT, SPINACH, SWEET POTATOES, TOMATOES, CLAM CHOWDER, FRUITS FOR SALAD, FRUIT SALAD, HOMINY, MIXED VEGETABLES, PORK AND BEANS, SPAGHETTI, SUCCOTASH, OLIVES, QUEEN OLIVES, STUFFED OLIVES, MOLASSES, CLAMS, CRAB MEAT, KIPPERED HERRING, LOBSTER, SALMON, SARDINES, SHRIMP, TUNNY FISH; CANNED MILK, CONDENSED AND EVAPORATED; MARMALADES; FRUIT PRESERVES AND JELLIES—NAMELY, APPLE JELLY, GRAPE JELLY, CURRANT JELLY, CHERRY PRESERVES, PINEAPPLE PRESERVES, STRAWBERRY PRESERVES, BLACKBERRY PRESERVES, PEACH PRESERVES, RASPBERRY PRESERVES, APPLE BUTTER, ORANGE MARMALADE; CONDIMENTS AND RELISHES—NAMELY, TOMATO CATCHUP, SWEET PICKLES; SWEET MIXED, CONSISTING OF PICKLES, ONIONS, AND CAULIFLOWER; SWEET MIXED VEGETABLE RELISH, MAYONNAISE DRESSING, CHILI SAUCE, PREPARED MUSTARD, OLIVE OIL, WHITE VINEGAR, CIDER VINEGAR; FOOD-FLAVORING EXTRACTS—NAMELY, VANILLA, LEMON EXTRACT; COFFEE, TEA, ROLLED OATS, CORN FLAKES, AND WHEAT AND RYE FLOUR. FRANK C. WEBER & COMPANY, Chicago, Ill.
Filed July 16, 1924. Serial No. 200,128. PUBLISHED APRIL 7, 1925.

210,140. BOOTS AND SHOES OF LEATHER, RUBBER, AND FABRIC AND COMBINATIONS OF LEATHER, RUBBER, AND FABRIC. MUSKIN SHOE COMPANY, Baltimore, Md.
Filed November 13, 1924. Serial No. 205,215. PUBLISHED DECEMBER 15, 1925.

210,141. METAL TAGS FOR IDENTIFYING PARTS OF RADIO APPARATUS, SUCH AS BINDING POSTS AND THE LIKE. MIDA F. KNOBLAUCH, doing business as Daico Radio Company, New York, N. Y.
Filed November 20, 1924. Serial No. 205,605. PUBLISHED DECEMBER 15, 1925.

210,142. WRITING INKS. CARRIE A. DANIELS, doing business as Daniels Chemical Proof Ink Company, Dallas, Tex.
Filed April 3, 1925. Serial No. 212,122. PUBLISHED DECEMBER 8, 1925.

210,143. ELECTRIC EXTENSION CORDS FITTED WITH ATTACHMENT PLUGS AND LAMP SOCKETS, LAMPS, AND GUARDS. THE PACKARD ELECTRIC COMPANY, Warren, Ohio.
Filed April 16, 1925. Serial No. 212,825. PUBLISHED DECEMBER 8, 1925.

210,144. ELECTRIC-LIGHTING CHANDELIERS AND PARTS THEREOF, ELECTRIC-LIGHT FIXTURES AND PARTS THEREOF, ELECTRIC FANS AND PARTS THEREOF, ELECTRIC MOTORS AND PARTS THEREOF, AND RADIO RECEIVING SETS AND PARTS THEREOF. LEBER SUPPLY CO., INC., doing business as Lescolier, Jersey City, N. J.
Filed April 27, 1925. Serial No. 213,382. PUBLISHED DECEMBER 8, 1925.

210,145. SHOES MADE OF LEATHER AND FABRIC. MARGOLIN SHOE COMPANY, Chicago, Ill.
Filed August 31, 1925. Serial No. 219,597. PUBLISHED DECEMBER 15, 1925.

210,146. ELECTRIC MOTORS AND LOOP AERIALS. BODINE ELECTRIC COMPANY, Chicago, Ill.
Filed August 21, 1925. Serial No. 219,164. PUBLISHED DECEMBER 8, 1925.

210,147. UNDERWEAR OF TEXTILE AND KNITTED FABRIC. BETHLEHEM TEXTILES CO., Bethlehem, Pa.
Filed August 21, 1925. Serial No. 219,163. PUBLISHED DECEMBER 22, 1925.

210,148. COMPLETE ELECTRIC FIREPLACES. COLONIAL FIREPLACE COMPANY, Chicago, Ill.
Filed August 20, 1925. Serial No. 219,109. PUBLISHED DECEMBER 8, 1925.

210,149. THREADS INCLUDING THE NEEDLE FOR STRINGING AND SEWING ALL KINDS OF BEADS. ROYAL IMPORTING COMPANY, New York, N. Y.
Filed August 19, 1925. Serial No. 219,089. PUBLISHED DECEMBER 1, 1925.

210,150. GRAIN PEELING AND SCOURING MACHINES. KASPAR GETREIDESCHAELMASCHINE, G. M. B. H., Offenbach-on-the-Main, Germany.
Filed August 14, 1925. Serial No. 218,854. PUBLISHED DECEMBER 22, 1925.

210,151. RADIO RECEIVING SETS. ETHERICAL RADIO COMPANY, Bristow, Okla.
Filed August 13, 1925. Serial No. 218,802. PUBLISHED DECEMBER 8, 1925.

210,152. IMPREGNATED ASBESTOS MATERIAL IN THE FORM OF RINGS, LININGS, AND COVERINGS FOR USE IN FRICTION CLUTCHES, BRAKE BLOCKS, BRAKE BANDS, SHOCK ABSORBERS, AND OTHER APPLIANCES OF A LIKE NATURE. BRITISH BELTING & ASBESTOS LTD., London, England.
Filed August 13, 1925. Serial No. 218,789. PUBLISHED DECEMBER 15, 1925.

210,153. MATCHES. LAGERLOEF TRADING COMPANY, INC., New York, N. Y.
Filed August 11, 1925. Serial No. 218,706. PUBLISHED DECEMBER 29, 1925.

210,154. ELECTRICAL DIRECTION SIGNAL LIGHTS FOR MOTOR VEHICLES. JESSE G. ROSEBOOM, Cincinnati, Ohio.
Filed August 7, 1925. Serial No. 218,525. PUBLISHED DECEMBER 8, 1925.

210,155. PHONOGRAPHS AND TALKING MACHINES. BING WERKE VORM. GEBRÜDER BING A. G., Nuremberg, Germany.
Filed August 7, 1925. Serial No. 218,446. PUBLISHED DECEMBER 1, 1925.

210,156. CORSETS, BRASSIÈRES, BANDEAUX, AND ONE-PIECE GARMENTS WITH OR WITHOUT BONING, SERVING IN THE DUAL CAPACITY OF A CORSET AND A BRASSIÈRE, OF RUBBER OR KNITTED, NETTED, OR TEXTILE FABRIC, OR COMBINATION OF RUBBER AND KNITTED, NETTED, OR TEXTILE FABRIC. I. NEWMAN & SONS, INC., New York, N. Y.
Filed August 5, 1925. Serial No. 218,426. PUBLISHED OCTOBER 27, 1925.

210,157. VIOLINS AND SIMILAR STRING INSTRUMENTS—NAMELY, UKULELES, BANJOS, MANDOLINS, VIOLINS, GUITARS, BANJO UKULELES; WOOD-WIND AND BRASS INSTRUMENTS—NAMELY, CLARINETS, FLUTES, PICCOLOS, FIFES, OBOES, CORNETS, TROMBONES, SAXOPHONES, ALTOS, AND BASS; DRUMS, STRINGS FOR STRING INSTRUMENTS, ACCORDIONS, MOUTH HARMONICA, AND PARTS THEREOF. C. BRUNO & SON, INC., New York, N. Y.
Filed August 1, 1925. Serial No. 218,243. PUBLISHED DECEMBER 8, 1925.

210,158. FELT HATS IN THE ROUGH. H. MCLACHLAN & COMPANY, Danbury, Conn.
Filed July 29, 1925. Serial No. 218,074. PUBLISHED OCTOBER 20, 1925.

210,159. SUPERPOWER FUSES, FUSE SWITCHES, AND DISCONNECTING SWITCHES. ROYAL ELECTRIC MFG. CO., Chicago, Ill.
Filed July 20, 1925. Serial No. 217,636. PUBLISHED DECEMBER 29, 1925.

210,160. CERTAIN ARTICLES OF CLOTHING. FRANKLIN SIMON & CO. INC., New York, N. Y.
Filed July 17, 1925. Serial No. 217,507. PUBLISHED DECEMBER 15, 1925.

210,161. RETICULES AND HAND BAGS. H. MARGOLIN & CO., INC., New York, N. Y.
Filed July 16, 1925. Serial No. 217,473. PUBLISHED DECEMBER 29, 1925.

210,162. LADIES' AND CHILDREN'S DRESSES AND APRONS. KORACH BROTHERS, Chicago, Ill.
Filed July 16, 1925. Serial No. 217,467. PUBLISHED DECEMBER 22, 1925.

210,163. REFLECTORS FOR ELECTRIC HEADLIGHTS. THE NITE-EYE LIGHT CORPORATION, Denver, Colo.
Filed July 13, 1925. Serial No. 217,287. PUBLISHED DECEMBER 1, 1925.

210,164. VARIABLE AIR CONDENSERS, FIXED CONDENSERS, TUNING INDUCTANCES, AIR TRANSFORMERS, AUDIOTRANSFORMERS, RESISTANCES, SOCKETS, DIALS, CONTROL MECHANISMS FOR ROTATING CONDENSERS AND OTHER TUNING UNITS, AND RADIO RECEIVING SETS. BREMER-TULLY MANUFACTURING COMPANY, Chicago, Ill.
Filed June 25, 1925. Serial No. 216,381. PUBLISHED DECEMBER 8, 1925.

210,165. RADIO APPARATUS—NAMELY, TRANSMITTERS, LOUD SPEAKERS, HEAD PHONES, BATTERIES, ANTENNÆ, REGULATING COILS, AND VACUUM TUBES. POLYPHONWERKE AKTIENGESELLSCHAFT, Berlin, Germany.
Filed June 23, 1925. Serial No. 216,286. PUBLISHED DECEMBER 1, 1925.

210,166. CANNED VEGETABLES. ROY NELSON, doing business as Roy Nelson Canning Company, Crane, Mo.
Filed September 23, 1925. Serial No. 220,670. PUBLISHED DECEMBER 15, 1925.

210,167. CANNED VEGETABLES. ROY NELSON, doing business as Roy Nelson Canning Company, Crane, Mo.
Filed September 23, 1925. Serial No. 220,660. PUBLISHED DECEMBER 15, 1925.

210,168. DUCK FEED. TIOGA MILL & ELEVATOR CO., Waverly, N. Y.
Filed September 21, 1925. Serial No. 220,582. PUBLISHED DECEMBER 15, 1925.

210,169. GOLF CLUBS. WILSON-WESTERN SPORTING GOODS CO., Chicago, Ill.
Filed September 18, 1925. Serial No. 220,437. PUBLISHED DECEMBER 15, 1925.

210,170. TENNIS RACKETS. WILSON-WESTERN SPORTING GOODS CO., Chicago, Ill.
Filed September 18, 1925. Serial No. 220,436. PUBLISHED DECEMBER 15, 1925.

210,171. ROCK CANDY, PURE OLIVE OIL, CLOVES, CARAWAY SEED, MACE, ALLSPICE, BLACK MUSTARD, YELLOW MUSTARD, CINNAMON, WHITE PEPPER, BLACK PEPPER, AND GARDEN SAGE. FAXON & GALLAGHER DRUG CO., Kansas City, Mo.
Filed March 31, 1924. Serial No. 194,698. PUBLISHED DECEMBER 15, 1925.

210,172. COFFEE. SCOVILLE, BROWN & COMPANY, Wellsville, N. Y.
Filed September 8, 1924. Serial No. 202,357. PUBLISHED DECEMBER 15, 1925.

210,173. STEMLESS RUBBER BLADDERS USED IN FOOTBALLS, STRIKING BAGS, BASKET BALLS, VOLLEY OR SOCCER BALLS, AND SIMILAR ARTICLES. THE SEAMLESS RUBBER COMPANY, INC., New Haven, Conn.
Filed September 20, 1924. Serial No. 202,826. PUBLISHED DECEMBER 15, 1925.

210,174. TOILET PREPARATIONS. MARINELLO COMPANY, Chicago, Ill.
Filed October 27, 1924. Serial No. 204,464. PUBLISHED DECEMBER 8, 1925.

210,175. STEAM-DISTILLED PINE-OIL DISINFECTANT. THE SELIG COMPANY, Atlanta, Ga.
Filed October 30, 1924. Serial No. 204,632. PUBLISHED JANUARY 13, 1025.

210,176. PREPARED FLOUR FOR USE IN MAKING PASTRIES. SIMMONS AND HAMMOND MANUFACTURING COMPANY, Portland, Me.
Filed November 6, 1924. Serial No. 204,936. PUBLISHED DECEMBER 15, 1925.

210,177. REFRIGERATING EQUIPMENT—NAMELY, AMMONIA COMPRESSORS, AMMONIA CONDENSERS, BEVERAGE COOLERS, ICE BOXES, COLD-STORAGE ROOMS, COOLING ROOMS, OIL FILTERS, ICE TANKS, AND MEAT SAFES. CENTRAL CONSTRUCTION & SUPPLY CO., Philadelphia, Pa.
Filed February 2, 1925. Serial No. 208,958. PUBLISHED DECEMBER 15, 1925.

210,178. PHONOGRAPHS. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Wilmington, Del., and Chicago, Ill.
Filed February 12, 1925. Serial No. 209,459. PUBLISHED APRIL 21, 1925.

210,179. LINIMENT FOR EXTERNAL USE, THROAT GARGLE, AND GENERAL TONIC. ISAAC M. GRUMBACHER, Cherryvale, Kans.
Filed March 2, 1925. Serial No. 210,382. PUBLISHED DECEMBER 8, 1925.

210,180. PERFUMERY AND COSMETICS—NAMELY, HAIR TONIC, HAIR WASH, PREPARATION FOR THE TREATMENT OF THE HEAD AND SCALP, HAIR OIL, MOUTH WASH, TOOTH PASTE, TOILET WATER, SKIN CREAM, FACE CREAM, FACE POWDER, AND ROUGE. EULITH GESELLSCHAFT M. B. H. CHEMISCH-PHARMAZEUTISCHE FABRIK, Berlin, Germany.
Filed March 31, 1925. Serial No. 211,911. PUBLISHED DECEMBER 8, 1925.

210,181. COTTON POLISHING CLOTHS NOT TREATED. JAMES KENYON & SON, LIMITED, Bury, England.
Filed April 28, 1925. Serial No. 218,440. PUBLISHED DECEMBER 15, 1925.

210,182. COTTON PIECE GOODS. PACOLET MFG. CO., Pacolet and Spartanburg, S. C., and New Holland, Ga.
Filed May 14, 1925. Serial No. 214,335. PUBLISHED DECEMBER 15, 1925.

210,183. PICKLES. SQUIRE DINGEE COMPANY, Chicago, Ill.
Filed June 5, 1925. Serial No. 215,891. PUBLISHED DECEMBER 15, 1925.

210,184. SUNBURN LOTION. SUNLAND LABORATORIES, INC., Los Angeles, Calif.
Filed June 10, 1925. Serial No. 215,601. PUBLISHED DECEMBER 8, 1925.

210,185. BUCKWHEAT, WHEAT, AND CORN FLOUR, HORSE FEED, EGG MASH, SCRATCH GRAIN, CHICK MASH, CHICK GRAIN, DAIRY FEED, CALF MEAL, MIDDLINGS, BRAN, BREAKFAST CEREAL, TABLE MEAL, AND STOCK FEED. JOHN B. HOWELL, Marion, N. Y.
Filed June 15, 1925. Serial No. 215,789. PUBLISHED DECEMBER 15, 1925.

210,186. MEDICINE IN CAPSULE FORM FOR THE TREATMENT OF TUBERCULOSIS. TUBERCO MFG. CO., Atlanta, Ga.
Filed June 24, 1925. Serial No. 216,368. PUBLISHED DECEMBER 15, 1925.

210,187. HAMS, BACON, LARD, SAUSAGE, AND FEEDING TANKAGE. AMERICAN PACKING COMPANY, St. Louis, Mo.
Filed July 9, 1925. Serial No. 217,061. PUBLISHED DECEMBER 15, 1925.

210,188. TINCTURE IODINE, TINCTURE CHLORIDE IRON, TINCTURE ARNICA, SWEET SPIRITS OF NITRE, ESSENCE PEPPERMINT, CHLOROFORM, YELLOW FOOD COLORING, LAVENDER FOOD COLORING, ORANGE FOOD COLORING, RED FOOD COLORING, BLUE FOOD COLORING, ETC. FAXON & GALLAGHER DRUG CO., Kansas City, Mo.
Filed July 13, 1925. Serial No. 217,267. PUBLISHED DECEMBER 8, 1925.

210,189. MEDICINAL PREPARATION FOR HUMAN USE IN THE TREATMENT OF BAD LEGS, VARICOSE ULCERS, AND KINDRED COMPLAINTS. ERNEST HEALEY, Foxton, Wellington, New Zealand.
Filed July 10, 1925. Serial No. 217,459. PUBLISHED DECEMBER 15, 1925.

210,190. HAIR POMADE. MILTON C. TRICHEL, doing business as Sun-Flower Pharmacal Co., Shreveport, La.
Filed August 11, 1923. Serial No. 184,369. PUBLISHED DECEMBER 15, 1295.

210,191. RADIO COILS AND INDUCTANCES. EASTERN ELECTRIC & MFG. CO., Providence, R. I.
Filed October 3, 1925. Serial No. 221,172. PUBLISHED DECEMBER 8, 1925.

210,192. STORAGE BATTERIES. THE BILT-RITE BATTERY COMPANY, New Haven, Conn.
Filed October 3, 1925. Serial No. 221,162. PUBLISHED DECEMBER 8, 1925.

210,193. PHONOGRAPH RECORDS. BELL RECORD CORPORATION, Newark, N. J., assignor to W. T. Grant Company, Lynn, Mass., a Corporation of Massachusetts.
Filed October 3, 1925. Serial No. 221,161. PUBLISHED DECEMBER 1, 1925.

210,194. MEN'S HOSIERY AND KNITTED UNDERWEAR. LEVI STRAUSS AND COMPANY, San Francisco, Calif.
Filed October 1, 1925. Serial No. 221,079. PUBLISHED DECEMBER 22, 1925.

210,195. WATCHES, WATCHCASES, WATCH MOVEMENTS, AND PARTS OF THE SAME. HELBEIN-STONE COMPANY, INC., New York, N. Y.
Filed October 1, 1925. Serial No. 221,062. PUBLISHED DECEMBER 8, 1925.

210,196. COFFEE. L. H. PARKE COMPANY, Philadelphia, Pa.
Filed September 30, 1925. Serial No. 221,025. PUBLISHED DECEMBER 29, 1925.

210,197. FLOOR COVERINGS HAVING A FELT BASE. THE COTT-A-LAP COMPANY, Somerville, N. J.
Filed September 23, 1925. Serial No. 220,641. PUBLISHED DECEMBER 29, 1925.

210,198. ELECTRIC BATTERIES. THE TWIN DRY CELL BATTERY COMPANY, Cleveland, Ohio.
Filed September 21, 1925. Serial No. 220,583. PUBLISHED DECEMBER 1, 1925.

210,199. MEN'S SUITS AND TROUSERS. HART, SCHAFFNER & MARX, Chicago, Ill.
Filed September 21, 1925. Serial No. 220,530. PUBLISHED DECEMBER 15, 1925.

210,200. CLOTHESPINS. ALLEN QUIMBY CLOTHESPIN COMPANY, Stockholm, Me.
Filed September 21, 1925. Serial No. 220,488. PUBLISHED DECEMBER 1, 1925.

210,201. WINDOW SHADES. CHAS. WESLEY RICE, doing business as Chas. W. Rice & Co., Uhrichsville, Ohio.
Filed September 19, 1925. Serial No. 220,470. PUBLISHED DECEMBER 15, 1925.

210,202. TYPEWRITER CARBON PAPER. STANDARD PRODUCTS CORPORATION, New York, N. Y.
Filed September 18, 1925. Serial No. 220,427. PUBLISHED DECEMBER 8, 1925.

210,203. WATCH MOVEMENTS. JOHN T. MAURAN MFG. CO., Providence, R. I.
Filed September 18, 1925. Serial No. 220,411. PUBLISHED DECEMBER 1, 1925.

210,204. WRITING INK. THE CARTER'S INK COMPANY, Cambridge, Mass.
Filed September 18, 1925. Serial No. 220,395. PUBLISHED DECEMBER 1, 1925.

210,205. WATCHCASES. BULOVA WATCH COMPANY, INC., New York, N. Y.
Filed September 18, 1925. Serial No. 220,393. PUBLISHED DECEMBER 1, 1925.

210,206. RADIO RECEIVING SETS. WM. J. MURDOCK CO., Chelsea, Mass.
Filed September 17, 1925. Serial No. 220,353. PUBLISHED DECEMBER 1, 1925.

210,207. JEWELRY FOR PERSONAL WEAR, NOT INCLUDING WATCHES. STEIN AND WINDT, INC., New York, N. Y.
Filed September 16, 1925. Serial No. 220,326. PUBLISHED DECEMBER 1, 1925.

210,208. PATCHES FOR REPAIRING INNER TUBES OF TIRES AND OTHER REPAIR USES SUCH AS PATCHING HOLES IN RUBBER HOT-WATER BAGS AND RUBBER FOOTWEAR. GEORGE N. LITTLE, Sumner, Mo.
Filed September 16, 1925. Serial No. 220,311. PUBLISHED DECEMBER 15, 1925.

210,209. AUTOMOBILE RUBBER TIRES AND TUBES THEREFOR. GRYPHON RUBBER & TIRE CORPORATION, New York, N. Y.
Filed September 16, 1925. Serial No. 220,302. PUBLISHED DECEMBER 22, 1925.

210,210. KITES. THE HI-FLIER MANUFACTURING COMPANY, Decatur, Ill.
Filed September 29, 1924. Serial No. 203,175. PUBLISHED DECEMBER 22, 1925.

210,211. PLAIN AND DECORATED METALLIC ART BOXES AND CONTAINERS OF VARIOUS SHAPES, SIZES, AND FORMS, AND OTHER PAPER AND CARBOARD BOXES, PLAIN OR DECORATED, OF VARIOUS SHAPES, SIZES, AND FORMS, ETC. BEAUTÉBOX, INC., New York, N. Y.
Filed October 23, 1924. Serial No. 204,300. PUBLISHED DECEMBER 22, 1925.

210,212. CANNED SALMON. PACIFIC SEA FOODS CO., Hoquiam, Wash.
Filed November 3, 1924. Serial No. 204,783. PUBLISHED MAY 12, 1925.

210,213. CANDY. CHASE CANDY COMPANY, St. Joseph, Mo.
Filed November 6, 1924. Serial No. 204,894. PUBLISHED APRIL 14, 1925.

210,214. TEA AND COFFEE. SMITH, PERKINS & CO., Rochester, N. Y.
Filed November 15, 1924. Serial No. 205,370. PUBLISHED JUNE 23, 1925.

210,215. HEATER FOR COAL AND WOOD. ROCK ISLAND STOVE CO., Rock Island, Ill.
Filed November 19, 1924. Serial No. 205,552. PUBLISHED DECEMBER 1, 1925.

210,216. COMBUSTIBLE OILS. MITCHEL OIL COMPANY, OF NEW JERSEY, Kearny, N. J.
Filed March 12, 1925. Serial No. 210,917. PUBLISHED DECEMBER 15, 1925.

210,217. SHOE-STRING OR FRENCH FRIED POTATOES. COLORADO POTATO FLAKE AND MANUFACTURING COMPANY, Denver, Colo.
Filed April 14, 1925. Serial No. 212,676. PUBLISHED DECEMBER 22, 1925.

210,218. COTTON, SILK, AND JUTE HAMMOCKS. HOHLFELD MANUFACTURING COMPANY, Philadelphia, Pa.
Filed June 4, 1925. Serial No. 215,302. PUBLISHED DECEMBER 22, 1925.

210,219. PERFUME, HAIR TONIC, TOILET WATER, TOILET CREAM, BRILLIANTINES, ROUGES, CLEANSING CREAMS, FACE POWDERS, NAIL POLISH, AND PASTE. L'AIGLON PERFUMERY CO., INC., Newark, N. J.
Filed July 6, 1925. Serial No. 216,919. PUBLISHED DECEMBER 15, 1925.

210,220. NONALCOHOLIC, MALTLESS SIRUPS OF VARIOUS FLAVORS, SOLIDIFIED OR JELLED BY MEANS OF THE GELATIN PROPERTY OF PURE FRUITS, USED IN THE PREPARATION OF SOFT DRINKS. G. B. RAFFETTO INC., New York, N. Y.
Filed July 7, 1925. Serial No. 216,991. PUBLISHED DECEMBER 22, 1925.

210,221. FISHING LINES. UNITED STATES WHIP COMPANY, doing business as U. S. Line Company, Westfield, Mass.
Filed July 9, 1925. Serial No. 217,121. PUBLISHED DECEMBER 22, 1925.

210,222. ANTHRACITE COAL. THE DELAWARE, LACKAWANNA & WESTERN COAL COMPANY, Hoboken, N. J., and New York, N. Y.
Filed July 14, 1925. Serial No. 217,335. PUBLISHED NOVEMBER 10, 1925.

210,223. PRESERVED FRUITS, JAMS AND JELLIES, DRIED FRUITS, NUTS IN THEIR NATURAL STATE, FRESH FRUITS, CANNED AND FRESH VEGETABLES. CHARLES M. RAYMOND, doing business as Pearls of The Pacific Company, San Francisco, Calif.
Filed August 25, 1925. Serial No. 219,849. PUBLISHED NOVEMBER 17, 1925.

210,224. NIGHT-LIGHT CANDLES. DIAMOND CANDLE CO. INC., Brooklyn, N. Y.
Filed August 31, 1925. Serial No. 219,579. PUBLISHED DECEMBER 15, 1925.

210,225. CIGARETTES. FREDERICK C. HITCH, New York, N. Y.
Filed September 9, 1925. Serial No. 220,024. PUBLISHED DECEMBER 22, 1925.

210,226. DRIED FRUIT. CALIFORNIA PRUNE & APRICOT GROWERS ASSOCIATION, San Jose, Calif.
Filed September 16, 1925. Serial No. 220,273. PUBLISHED DECEMBER 22, 1925.

210,227. LUBRICATING OILS AND GREASES. PANTHER OIL & GREASE MFG. CO., Fort Worth, Tex.
Filed September 17, 1925. Serial No. 220,354. PUBLISHED DECEMBER 15, 1925.

210,228. LUBRICATING OILS—NAMELY, MOTOR OILS, DIESEL OILS. STEAM-CYLINDER OILS, #1 NEATS-FOOT OIL, AND ENGINE OILS. PANTHER OIL & GREASE MFG. CO., Fort Worth, Tex.
Filed September 17, 1925. Serial No. 220,355. PUBLISHED DECEMBER 15, 1925.

210,229. CANNED STRINGLESS BEANS, KEIFFER PEARS, AND CORN. AMERICAN STORES COMPANY, Philadelphia, Pa.
Filed September 26, 1925. Serial No. 220,836. PUBLISHED DECEMBER 22, 1925.

210,230. FISHING TACKLE—NAMELY, ARTIFICIAL FLIES, BOOKS OR HOLDERS FOR ARTIFICIAL FLIES, FISHING HOOKS, BOTH PLAIN AND SNELLED; LEADERS OF BOTH GUT AND WIRE, TROLLING BAIT; SPINNERS, SPOONS, AND SWIVELS FOR FISHING BAIT, SILKWORM GUT, AND FISHING LINES. FROST FISHING TACKLE COMPANY, Stevens Point, Wis.
Filed September 26, 1925. Serial No. 220,845. PUBLISHED DECEMBER 22, 1925.

210,231. MALT EXTRACTS FOR BEVERAGE PURPOSES. RELIANCE MALT PRODUCTS CO., Chicago, Ill.
Filed October 5, 1925. Serial No. 221,279. PUBLISHED DECEMBER 22, 1925.

210,232. CANDY. H. D. FOSS & CO., INC., Cambridge, Mass.
Filed October 9, 1925. Seral No. 221,484. PUBLISHED DECEMBER 22, 1925.

210,233. FOLDABLE MAILING BOXES. THE C. J. FOX COMPANY, Providence, R. I.
Filed October 10, 1925. Serial No. 221,549. PUBLISHED DECEMBER 22, 1925.

210,234. ADHESIVE CEMENT. BAKELITE CORPORATION, New York, N. Y.
Filed October 12, 1925. Serial No. 221,589. PUBLISHED DECEMBER 22, 1925.

210,235. ADHESIVE CEMENT. BAKELITE CORPORATION, New York, N. Y.
Filed October 12, 1925. Serial No. 221,594. PUBLISHED DECEMBER 22, 1925.

210,236. CANNED CHICKEN BROTH. E. K. POND COMPANY, Chicago, Ill.
Filed October 12, 1925. Serial No. 221,637. PUBLISHED DECEMBER 22, 1925.

210,237. MEDICINAL SALVE WHICH WHEN APPLIED TO THE FLESH WILL ABSORB FATTY AND WATERY MATTER. ELSIE BERGEN, New York, N. Y.
Filed October 14, 1925. Serial No. 221,690. PUBLISHED DECEMBER 15, 1925.

210,238. CANDY. THE BRECHT CANDY COMPANY, Denver, Colo.
Filed October 20, 1925. Serial No. 222,906. PUBLISHED DECEMBER 22, 1925.

210,239. SEPTIC TANKS. FRANK E. CLARK, doing business as Bridgeport Stone Co., Bridgeport, Conn.
Filed October 22, 1925. Serial No. 222,109. PUBLISHED DECEMBER 22, 1925.

210,240. CANNED FRUITS—NAMELY, PEACHES, PEARS, BLACK RASPBERRIES, RED PITTED CHERRIES, WHITE CHERRIES, PINEAPPLE, AND APRICOTS. CHARLES HEWITT & SONS COMPANY, Des Moines, Iowa.
Filed October 22, 1925. Serial No. 222,120. PUBLISHED DECEMBER 22, 1925.

210,241. COLORING TABLETS FOR FOOD-DECORATING PASTES. DE LUXE CAKE DECORATOR COMPANY, Minneapolis, Minn.
Filed October 24, 1925. Serial No. 222,224. PUBLISHED DECEMBER 15, 1925.

210,242. NONCEREAL, MALTLESS, NONALCOHOLIC BEVERAGES AND COMPOUNDS FOR MAKING THE SAME. CITRUS PRODUCTS COMPANY, Chicago, Ill.
Filed October 29, 1925. Serial No. 222,497. PUBLISHED DECEMBER 22, 1925.

210,243. FLOWER BASKETS—NAMELY, BASKETS LOOSELY FILLED AND LATERALLY SURROUNDED WITH EVERGREENS AND ADAPTED TO HAVE THE STEMS OF CUT FLOWERS INSERTED BETWEEN THE EVERGREENS INSIDE THE BASKETS. STOLLERY BROS., INC., Chicago, Ill.
Filed October 29, 1925. Serial No. 222,528. PUBLISHED DECEMBER 22, 1925.

210,244. KNIT GLOVES, KNIT SOCKS, KNIT SWEATERS, KNIT HALF HOSE, AND KNIT BATHING SUITS. THE ADIRONDACK KNIT GOODS CO., INC., Ballston Spa, N. Y.
Filed November 2, 1925. Serial No. 222,653. PUBLISHED DECEMBER 22, 1925.

210,245. COLD REMEDY FOR BABIES. PHARMACEUTICAL RESEARCH CORPORATION, St. Louis, Mo.
Filed November 4, 1925. Serial No. 222,794. PUBLISHED DECEMBER 15, 1925.

210,246. FIRE-EXTINGUISHING PREPARATION. THE FLAMITE CORPORATION, West Chester, Pa.
Filed November 5, 1925. Serial No. 222,834. PUBLISHED DECEMBER 15, 1925.

210,247. TREATMENT FOR SEXUAL DISFUNCTION. EDWARD W. PAINE, doing business as The Regenerator Company, Westerly, R. I.
Filed November 5, 1925. Serial No. 222,867. PUBLISHED DECEMBER 15, 1925.

210,248. SANITARY DEODORANT PREPARATION. THE CELMA COMPANY, Toledo, Ohio.
Filed November 6, 1925. Serial No. 222,914. PUBLISHED DECEMBER 15, 1925.

210,249. POWDER PUFF. WESTERN BOTTLE MANUFACTURING COMPANY, at times doing business as The Western Company, Chicago, Ill.
Filed November 7, 1925. Serial No. 223,007. PUBLISHED DECEMBER 22, 1925.

210,250. CANDLE HOLDERS. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill.
Filed November 6, 1924. Serial No. 204,938. PUBLISHED DECEMBER 8, 1925.

210,251. MACHINES AND APPARATUS FOR DISTANCE TRANSMISSION OF PHOTOGRAPHS ELECTRICALLY. PACIFIC & ATLANTIC PHOTOS, INC., New York, N. Y.
Filed January 3, 1925. Serial No. 207,628. PUBLISHED DECEMBER 8, 1925.

210,252. MICROPHONES. TRI-EGGON A.-G., Zurich, Switzerland.
Filed July 23, 1925. Serial No. 217,807. PUBLISHED DECEMBER 8, 1925.

210,253. MAGNETOS, COILS, COMBINATION MAGNETO AND GENERATOR, ELECTRICAL IMPULSE STARTERS AND PARTS THEREOF AND CONNECTIONS THEREFOR; RADIO RECEIVING AND TRANSMITTING APPARATUS—NAMELY, HEAD PHONES, VACUUM-TUBE SOCKETS, AUDIO-FREQUENCY AMPLIFYING TRANSFORMERS, METAL PANELS FOR INDIVIDUAL CONSTRUCTION OF RECEIVING SETS, COMPLETE RECEIVING SETS; AND ELECTRICAL SPEED-REGULATING DEVICES FOR ENGINES. EISEMANN MAGNETO CORPORATION, New York, N. Y.
Filed August 5, 1925. Serial No. 218,402. PUBLISHED DECEMBER 8, 1925.

210,254. RADIO RECEIVING SETS. D. M. STEWARD MFG. COMPANY, Chattanooga, Tenn.
Filed August 26, 1925. Serial No. 219,413. PUBLISHED DECEMBER 8, 1925.

210,255. WELL STRAINERS. KOBE, INC., Los Angeles, Calif.
Filed September 22, 1925. Serial No. 220,611. PUBLISHED DECEMBER 15, 1925.

210,256. METAL CASTINGS. WESTERN CRUCIBLE STEEL CASTING CO., Minneapolis, Minn.
Filed October 26, 1925. Serial No. 222,358. PUBLISHED DECEMBER 15, 1925.

210,257. APPARATUS FOR MAKING CHEMICAL COMPARISONS OR TESTS. THE BRITISH DRUG HOUSES, LIMITED, London, England.
Filed October 28, 1925. Serial No. 222,437. PUBLISHED DECEMBER 15, 1925.

210,258. VULCANITE TEETH. H. D. JUSTI & SON, Philadelphia, Pa.
Filed October 28, 1925. Serial No. 222,461. PUBLISHED DECEMBER 15, 1925.

210,259. CROWN AND VULCANITE TEETH. H. D. JUSTI & SON, Philadelphia, Pa.
Filed October 28, 1925. Serial No. 222,462. PUBLISHED DECEMBER 15, 1925.

210,260. ELECTRIC LAMPS USED AS AUTOMOBILE RUNNING LIGHTS, SIGNAL LIGHTS, REAR LIGHTS, AND TROUBLE LIGHTS. RAYMOND H. BAUR, doing business as The Fore-Runner Manufacturing Company, Bennings, D. C.
Filed August 22, 1925. Serial No. 219,216. PUBLISHED DECEMBER 8, 1925.

210,261. LUBRICATING OILS. GENERAL PETROLEUM CORPORATION, San Francisco, Calif.
Filed October 20, 1925. Serial No. 222,025. PUBLISHED DECEMBER 15, 1925.

210,262. TONIC CONTAINING MALT, COD-LIVER OIL, AND BEEF EXTRACT. PEDRO SANTIAGO, doing business as Buffalo Pharmaceutical Products Co., Buffalo, N. Y.
Filed November 3, 1925. Serial No. 222,765. PUBLISHED DECEMBER 15, 1925.

210,263. FACE POWDER. A. BOURJOIS & CO. INC., New York, N. Y., assignor to Bourjois, Inc., New York, N. Y., a Corporation of New York.
Filed November 5, 1925. Serial No. 222,816. PUBLISHED DECEMBER 15, 1925.

210,264. FACE POWDER. A. BOURJOIS & CO. INC., New York, N. Y., assignor to Bourjois, Inc., New York, N. Y., a Corporation of New York.
Filed November 5, 1925. Serial No. 222,818. PUBLISHED DECEMBER 15, 1925.

210,265. MOTOR OILS AND GASOLINE. JOHN O. ABSHIRE, doing business as Abshire Oil Company, Goshen, Ind.
Filed October 9, 1925. Serial No. 221,469. PUBLISHED DECEMBER 8, 1925.

210,266. WHEAT FLOUR. STODDARD MILL & GRAIN COMPANY, Advance, Mo.
Filed October 9, 1925. Serial No. 221,516. PUBLISHED DECEMBER 15, 1925.

210,267. CIGARS, CIGARETTES, AND SMOKING TOBACCO. INFANZON & RODRIGUES, New York, N. Y.
Filed October 10, 1925. Serial No. 221,552. PUBLISHED DECEMBER 15, 1925.

210,268. POCKETBOOK AND HAND-BAG FRAMES AND TRIMMINGS AND HARNESS TRIMMINGS. BAKELITE CORPORATION, New York, N. Y.
Filed October 12, 1925. Serial No. 221,588. PUBLISHED DECEMBER 15, 1925.

210,269. PENETRATING OILS FOR VEHICLE SPRINGS AND CHASSIS GREASE. JOHN T. STANLEY CO., INC., New York, N. Y.
Filed October 15, 1925. Serial No. 221,782. PUBLISHED DECEMBER 15, 1925.

210,270. LUBRICATING OILS. DEEPWATER OIL REFINERIES, INC., Houston, Tex.
Filed October 19, 1925. Serial No. 221,951. PUBLISHED DECEMBER 15, 1925.

210,271. THROAT LOZENGES. THE MENTOPINE CORPORATION, Philadelphia, Pa.
Filed October 19, 1925. Serial No. 221,973. PUBLISHED DECEMBER 8, 1925.

210,272. MEDICINE FOR BLOOD REGULATOR OR PURIFIER. JULIA A. ABADIE, New Orleans, La.
Filed October 24, 1925. Serial No. 222,206. PUBLISHED DECEMBER 8, 1925.

210,273. GASOLINE, KEROSENE, LUBRICATING OILS, AND LUBRICATING GREASES. ROGERS GASOLINE COMPANY, Uniontown, Pa.
Filed October 24, 1925. Serial No. 222,281. PUBLISHED DECEMBER 15, 1925.

210,274. DEODORANTS. FLORENCE N. LEWIS, doing business as Elizabeth Arden, New York, N. Y.
Filed October 26, 1925. Serial No. 222,329. PUBLISHED DECEMBER 8, 1925.

210,275. FACE CREAMS, FACE PACKS, FACE POWDERS, TOILET WATERS, ROUGES, PERFUMES, HAIR TONICS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, BATH SALTS, SMELLING SALTS, SACHETS, AND INCENSE. HENRY WALTER MCWHORTER, doing business as The Harold Mack Importing Company (and Mack), Joliet, Ill.
Filed October 27, 1925. Serial No. 222,388. PUBLISHED DECEMBER 8, 1925.

210,276. INSECTICIDE. THE MITOX CO., Mentone, Ind.
Filed October 27, 1925. Serial No. 222,391. PUBLISHED DECEMBER 8, 1925.

210,277. LIQUID AND TABLETS FOR DIGESTIVE DISORDERS. THE UPJOHN COMPANY, Kalamazoo, Mich.
Filed October 27, 1925. Serial No. 222,418. PUBLISHED DECEMBER 8, 1925.

210,278. LOCAL ANÆSTHETIC. DR. FRANK A. ROSS, doing business as The Anne Laboratories, Chicago, Ill.
Filed October 28, 1925. Serial No. 222,484. PUBLISHED DECEMBER 8, 1925.

210,279. ANÆSTHETIC. THE BRITISH DRUG HOUSES, LIMITED, London, England.
Filed October 28, 1925. Serial No. 222,438. PUBLISHED DECEMBER 8, 1925.

210,280. PAPER BAGS. ADVANCE BAG AND PAPER COMPANY, INC., Boston, Mass.
Filed October 30, 1925. Serial No. 222,550. PUBLISHED DECEMBER 15, 1925.

210,281. PAPER BAGS. ADVANCE BAG AND PAPER COMPANY, INC., Boston, Mass.
Filed October 30, 1925. Serial No. 222,551. PUBLISHED DECEMBER 15, 1925.

210,282. BOLL-WEEVIL EXTERMINATORS. JAC S. COHEN CO., INC., New Orleans, La.
Filed November 3, 1925. Serial No. 222,729. PUBLISHED DECEMBER 15, 1925.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

210,283. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE FITZGERALD MANUFACTURING COMPANY, Torrington, Conn. Filed Nov. 15, 1924. Serial No. 205,327.

FITZGERALD
NEVERLEAK
GASKET
"BOUND TO BE GOOD"

Particular description of goods.—Sheet Metal and Asbestos Gaskets.
Claims use since Sept. 22, 1924.

210,284. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) MILTON M. KOHN, New York, N. Y. Filed July 10, 1924. Serial No. 190,842.

GUM-TYNT PRODUCTS
GUM-TYNT
CORPORATION
NEW
YORK

Particular description of goods.—Dental Paraphernalia and Materials—Namely, Plastic Materials, Surfacing Materials, Enamelizers, Spatulas, Heaters, Sand Baths, and Water Baths.
Claims use since July 2, 1924.

210,285. (CLASS 39. CLOTHING.) SCHAFFER BROS. & SAMUELS, New York, N. Y. Filed June 14, 1924. Serial No. 198,588.

Real
MINK
MARMOT
SCHAFFER BROS. & SAMUELS

Particular description of goods.—Fur Garments—Namely, Coats, Capes, and Jacquettes.
Claims use since Jan. 15, 1924.

210,286. (CLASS 39. CLOTHING.) WEINER BROTHERS, Philadelphia, Pa. Filed Nov. 30, 1923. Serial No. 189,083.

Fulform
PATENTED JULY 24, 1923
ONE PIECE
BLOOMER
WEINER BROTHERS PHILADELPHIA

Particular description of goods.—Bloomers.
Claims use since Nov. 26, 1923.

210,287. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) PHILADELPHIA CARPET COMPANY, Philadelphia, Pa. Filed Aug. 21, 1922. Serial No. 168,549.

BLACKSTONE
Figured Wilton Velvets

Particular description of goods.—Wilton Velvet Carpets.
Claims use since May, 1921.

210,288. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CUMMINS ENGINE COMPANY, Columbus, Ind. Filed Apr. 10, 1925. Serial No. 212,482.

CUMMINS

Particular description of goods.—Internal-Combustion Engines.
Claims use since Sept. 30, 1919.

210,289. (CLASS 39. CLOTHING.) KRANZ MERCANTILE COMPANY, INC., New York, N. Y. Filed Mar. 9, 1925. Serial No. 210,737.

All-Sports

Particular description of goods.—Golf Suits, Sport Suits, and Blouses.
Claims use since Jan. 23, 1925.

210,290. (CLASS 39. CLOTHING.) E. H. HORWOOD & Co., Hoboken, N. J., and New York, N. Y. Filed Feb. 21, 1925. Serial No. 209,987.

CAN'T RIP

Particular description of goods.—Children's Underwear, Bloomers, Drawers, and Union Suits of Textile Fabric.
Claims use since Dec. 15, 1924.

210,291. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SOCIETE LA FRANCE TOILET GOODS CO., INC., New York, N. Y. Filed Jan. 21, 1925. Serial No. 208,436.

NARCISSE
AMBRE

Particular description of goods.—Face Powders, Face Creams, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Lip Sticks, Bath Salts, Smelling Salts, Nail Polishes, Deodorizing Preparations, and Sachet Powders.
Claims use since Dec. 30, 1924.

210,292. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ESCONDIDO FRUIT GROWERS ASSOCIATION, Escondido, Calif. Filed May 4, 1925. Serial No. 213,778.

AMERICA

Particular description of goods.—Fresh Citrous Fruits.
Claims use since Sept. 2, 1912.

210,293. (CLASS 45. BEVERAGES, NONALCOHOLIC.) H. KIRSCH & CO., Brooklyn, N. Y. Filed May 28, 1925. Serial No. 215,012.

KIRSCH'S

Particular description of goods.—Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks and Sirups for Making Same.
Claims use since Jan. 22, 1925.

210,294. (CLASS 39. CLOTHING.) ELDER MFG. CO., St. Louis, Mo. Filed June 8, 1925. Serial No. 215,450.

Yorkeshire

Particular description of goods.—Men's and Boys' Dress and Negligee Shirts and Boys' Blouses.
Claims use since Sept. 1, 1924.

210,295. (CLASS 39. CLOTHING.) WESTERN LEATHER CLOTHING CO., St. Louis, Mo. Filed May 18, 1925. Serial No. 214,522.

LEATHER-SUB

Particular description of goods.—Men's, Boys', and Women's Waterproof, Outdoor, Work, and Sport Clothing—Namely, Coats, Overcoats, Raincoats, Mackinaws, Ulsters, Jerkins, and Work Vests.
Claims use since January, 1925.

210,296. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE VAN CAMP PACKING COMPANY, Indianapolis, Ind. Filed Jan. 8, 1926. Serial No. 225,687.

Van Camp's

Particular description of goods.—Soap and Soap Powder.
Claims use since Aug. 2, 1921.

210,297. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) SHOEMAKER COAL MINING COMPANY, Philadelphia, Pa. Filed Jan. 5, 1926. Serial No. 225,524.

WILMORE

Particular description of goods.—Coal.
Claims use since 1900.

210,298. (CLASS 39. CLOTHING.) FRANK IPPOLITI, Philadelphia, Pa. Filed Jan. 5, 1926. Serial No. 225,516.

IPPOLITI

Particular description of goods.—Men's and Boys' Overcoats and Suits and Ladies' Coats and Suits.
Claims use since April, 1924.

210,299. (CLASS 45. BEVERAGES, NONALCOHOLIC.) STEPHEN D. LEFAS, doing business as Columbia Bottling Works and Columbia Orange-Crush Bottling Works, Washington, D. C. Filed Dec. 3, 1925. Serial No. 224,193.

COLUMBIA BOTTLING WORKS

Particular description of goods.—Nonalcoholic Maltless Beverages Sold as Soft Drinks and Sirups for Making Same.
Claims use since 1919.

210,300. (CLASS 37. PAPER AND STATIONERY.) KEUFFEL & ESSER COMPANY, Hoboken, N. J. Filed Nov. 19, 1925. Serial No. 223,527.

Colonna

Particular description of goods.—Tracing Paper.
Claims use since Jan. 1, 1906.

210,301. (CLASS 39. CLOTHING.) M. E. GREENFIELD COMPANY, New York, N. Y. Filed Nov. 13, 1925. Serial No. 223,229.

KIT WAIN

Particular description of goods.—Men's and Young Men's Overcoats and Suits—Namely, Jackets or Coats, Trousers, and Vests.
Claims use since Oct. 15, 1924.

210,302. (CLASS 7. CORDAGE.) RICHARD C. HYLAND, doing business as Hyland Bag Company, San Francisco, Calif. Filed Sept. 25, 1925. Serial No. 220,777.

PEERLESS
"OF UNEQUALED EXCELLENCE"
H

Particular description of goods.—Twine.
Claims use since Jan. 2, 1925.

210,303. (CLASS 39. CLOTHING.) JAMES P. GREY & CO., Bristol, Va. Filed July 1, 1925. Serial No. 216,718.

Bettersilk

Particular description of goods.—Hosiery.
Claims use since Jan. 8, 1925.

210,304. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) BENT RUNG LADDER AND MANUFACTURING COMPANY, Indiana, Pa. Filed Dec. 15, 1925. Serial No. 224,692.

COLUMBIA

Particular description of goods.—Ladders.
Claims use since October, 1898.

210,305. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) G. W. HUME COMPANY, San Francisco, Calif. Filed Dec. 17, 1925. Serial No. 224,821.

HUME

Particular description of goods.—Canned Fruits and Vegetables.
Claims use since July, 1917.

210,306. (CLASS 39. CLOTHING.) GOLDSTEIN BROS., Brooklyn, N. Y. Filed Dec. 1, 1925. Serial No. 224,135.

YALE HATS

Particular description of goods.—Men's and Boys' Hats.
Claims use since Nov. 1, 1922.

210,307. (CLASS 39. CLOTHING.) H. W. CARTER & SONS, Lebanon, N. H. Filed Dec. 18, 1925. Serial No. 224,857.

CARTER'S

Particular description of goods.—Cotton and Wool Men's Work Pants, Sport Pants, Knickers; Cotton Duck, Drill, and Denim Long and Short Coats and Office Coats; Wool Mackinaw Coats and Sport Jackets for Men, Boys, and Women.
Claims use since January, 1915.

210,308. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WELLSTON RADIO CORP., St. Louis, Mo. Filed Dec. 18, 1925. Serial No. 224,890.

FORD
RADIO

Particular description of goods.—Radio Receiving Sets, Vacuum Tubes, Condensers, Inductance Coils, Radio Loud Speakers.
Claims use since November, 1924.

210,309. (CLASS 7. CORDAGE.) HOOPER SONS' MANUFACTURING CO., Philadelphia, Pa. Filed Jan. 7, 1926. Serial No. 225,608.

SILESIA

Particular description of goods.—Cotton Rope, Sash Cord, Seine Twines, Polished Twines, Braided Cotton Rope, Wrapping Cord, Braided Cord, Cabled Rope, Wrapping Twine, Cabled Cord, Twister Bands, Twisted Yarn Warps, Mop Yarns, Twisted Cotton Roping, Nautical Log Lines.
Claims use since Nov. 19, 1924.

210,310. (CLASS 7. CORDAGE.) CHASE BAG CO., New York, N. Y. Filed Jan. 18, 1926. Serial No. 226,041.

HI-SPEED

Particular description of goods.—Twine, Cordage, and Thread for Closing Bags.
Claims use since 1920.

210,311. (CLASS 7. CORDAGE.) CHASE BAG CO., New York, N. Y. Filed Jan. 18, 1926. Serial No. 226,043.

HINDOO

Particular description of goods.—Twine, Cordage, and Thread for Closing Bags.
Claims use since 1910.

210,312. (CLASS 12. CONSTRUCTION MATERIALS.) WILLIAM MEYER, doing business as Meyer Cement Block Co., Gladbrook, Iowa. Filed Oct. 31, 1924. Serial No. 204,666.

MEYER

Particular description of goods.—Cement Cornerib Blocks.
Claims use since July 1, 1924.

210,313. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN MAY JAMES, doing business as Hollywood Candy Co., Elizabeth, N. J. Filed Nov. 26, 1924. Serial No. 205,875.

Hollywood

Particular description of goods.—Candy.
Claims use since Sept. 4, 1924.

210,314. (CLASS 12. CONSTRUCTION MATERIALS.) ASBESTOS LIMITED, INC., New York, N. Y. Filed Feb. 14, 1925. Serial No. 209,555.

NEWTILE

Particular description of goods.—Tile and Asbestos Cement Sheets.
Has been in bona fide use in interstate commerce by the applicant for not less than one year.

210,315. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) OSBORNE FRUIT & VEGETABLE CO., Fullerton, Calif. Filed Sept. 4, 1925. Serial No. 219,839.

Osborne

Particular description of goods.—Fresh Citrous Fruits, Fresh Grapes, Fresh Cantaloupes, Fresh Vegetables.
Claims use since January, 1923.

210,316. (CLASS 39. CLOTHING.) BOSTON KNITTING MILLS, INC., Somerville, Mass. Filed Sept. 21, 1925. Serial No. 220,493.

BOSTONMILLS

Particular description of goods.—Children's Union Suits, Vests, Pants, and Drawers of Knitted Fabric.
Claims use since July 1, 1920.

210,317. (CLASS 32. FURNITURE AND UPHOLSTERY.) THE SAFE-CABINET COMPANY, Marietta, Ohio. Filed Oct. 21, 1925. Serial No. 222,090.

SAFE-FILE

Particular description of goods.—Filing Cabinets or Safes.
Claims use since Sept. 26, 1924.

210,318. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) MOLINE CONSUMERS CO., Moline, Ill. Filed Dec. 2, 1925. Serial No. 224,103.

PURE SEAM

Particular description of goods.—Coal.
Claims use since Sept. 15, 1922.

210,319. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) J. F. KURFEES PAINT COMPANY, INCORPORATED, Louisville, Ky. Filed Dec. 8, 1925. Serial No. 224,410.

SE-MENT-SEAL

Particular description of goods.—A Prepared Liquid Paint for Concrete Surfaces.
Claims use since July 1, 1924.

210,320. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) DAVID W. SANKEY, Mifflinburg, Pa. Filed Jan. 14, 1926. Serial No. 225,942.

SANKEY'S LIFE OF LEATHER

Particular description of goods.—Leather Preservative in Paste and Liquid Form.
Claims use since 1886.

210,321. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALFRED L. WOODILL, Riverside, Calif. Filed July 27, 1925. Serial No. 217,976.

LONG GREEN

Particular description of goods.—Fresh Asparagus.
Claims use since 1916.

210,322. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LANCASTER CANNING COMPANY, Lancaster, Wis. Filed June 25, 1925. Serial No. 216,416.

Highest Award

Particular description of goods.—Canned Peas and Canned Corn.
Claims use since Sept. 1, 1916.

210,323. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) PREMIER PATTERN CO., Cincinnati, Ohio. Filed June 12, 1925. Serial No. 215,704.

Premier Pattern

Particular description of goods.—Paper and Sheet-Metal Shoe Patterns for Tip, Vamp, Upper, Outer Sole, Inner Sole, Tongues, and Sock Linings.
Claims use since March, 1915.

210,324. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) C. D. HUBBARD FRUIT CO., Carpinteria, Calif. Filed Oct. 24, 1925. Serial No. 222,253.

RINCON

Particular description of goods.—Fresh Citrous Fruits.
Claims use since 1912.

210,325. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) OSWEGO FALLS CORPORATION, Fulton, N. Y. Filed Apr. 28, 1925. Serial No. 218,454.

POURING-PULL

Particular description of goods.—Bottle Caps.
Claims use since October, 1918.

210,326. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ARKANSAS GROCER CO., Blytheville, Ark. Filed Mar. 18, 1925. Serial No. 211,196.

ARKANSAW

Particular description of goods.—Certain Named Foods.
Claims use since 1890.

210,327. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) UNITED ELECTRIC CO., OF CHICAGO, Chicago, Ill. Filed Mar. 5, 1925. Serial No. 210,589.

SUPERIOR

Particular description of goods.—Radio Receiving Sets and Parts Thereof.
Claims use since Jan. 1, 1925.

210,328. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) PFANSTIEHL RADIO SERVICE COMPANY, Highland Park, Ill. Filed Sept. 13, 1924. Serial No. 202,598.

Pfanstiehl Non-Oscillating

Particular description of goods.—Radiofrequency Transformers.
Claims use for not less than one year.

210,329. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) THE DE LONG HOOK AND EYE COMPANY, Philadelphia, Pa. Filed Sept. 4, 1925. Serial No. 219,816.

DE LONG
LINGERIE AND BABY PINS

Particular description of goods.—Safety Pins.
Claims use since July, 1924.

210,330. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE SHELTON TACK COMPANY, Shelton, Conn. Filed Feb. 26, 1925. Serial No. 210,197.

HOUSEHOLD

Particular description of goods.—Tacks.
Claims use since Oct. 10, 1924.

210,331. (CLASS 39. CLOTHING.) MULLER & RAAS COMPANY, San Francisco, Calif. Filed Feb. 19, 1925. Serial No. 209,859.



Particular description of goods.—Ladies' Hats.
Claims use since Jan. 1, 1925.

210,332. (CLASS 39. CLOTHING.) BELMONT HATS, INC., New York, N. Y. Filed Jan. 17, 1925. Serial No. 208,219.

Belmont

Particular description of goods.—Ladies' Trimmed, Tailored, and Sport Hats of Fabrics, Straws, or Other Materials.

Claims use since Jan. 3, 1925.

210,333. (CLASS 39. CLOTHING.) CALIFORNIA SEAMLESS SHOE COMPANY, Long Beach, Calif. Filed Oct. 17, 1924. Serial No. 204,007.

BETTERBILT

Particular description of goods.—Shoes of Leather, Rubber, or Fabric and of Combinations of These Materials.

Claims use since Sept. 1, 1924.

INTERNATIONAL TRADE-MARK REGISTRATIONS

The following International Registrations have been received from the Bureau at Habana and have been placed upon the Register in accordance with the provisions of section 1 (a) of the act of March 19, 1920.

210,334. International Registration No. 1,095 of November 6, 1925. Registered in Cuba on December 21, 1923, No. 39,124. Proprietor: RADIO CORPORATION OF CUBA, S. A. Address: Labra (Antes Aguila) Nums. 161 al 167, Habana, Cuba.

Radio Corporation of Cuba
HABANA

Merchandise to which the mark is affixed.—Wireless Telephone Apparatus and Parts Thereof.

210,335. International Registration No. 1,106 of December 23, 1925. Registered in Cuba on July 15, 1924, No. 39,758. Proprietor: IGNACIO SÁNCHEZ LEAL. Address: Banco Nacional de Cuba, Departamento 417, Habana, Cuba.

COLORANTES "DALIA"

Merchandise to which the mark is affixed.—Dyestuffs and Coloring Matters to Dye All Kinds of Cloth.

TRADE-MARK REGISTRATIONS RENEWED

27,550. HATS, CAPS, AND FUR GARMENTS. Registered December 31, 1895. WILLIAM WIPPERT. Renewed December 31, 1925, to Wm. Wippert Co. Inc., Buffalo, N. Y., a Corporation of New York, assignee.

27,572. METALLIC ARTICLES, INCLUDING GARMENT AND HOUSE FURNISHINGS AND FASTENINGS AND JEWELRY. Registered December 31, 1895. THOMAS CARLYLE and JOHN MARK CARLYLE. Renewed December 31, 1925, to Buttons Limited, Birmingham, England, successor.

27,586. PAPER AND ENVELOPES. Registered January 7, 1896. HURLBUT STATIONERY COMPANY. Renewed January 7, 1926, to Eaton, Crane & Pike Company, Pittsfield, Mass., a Corporation of Massachusetts, assignee.

27,621. A CERTAIN PROPRIETARY PREPARATION. Registered January 7, 1896. THE BRANDRETH COMPANY, Sing Sing, N. Y. Renewed January 7, 1926, to The Salva-Cea Company, Inc., Ossining and New York, N. Y., a Corporation of New York, assignee.

27,662. HOSIERY AND SIMILAR KNIT GOODS. Registered January 21, 1896. ELY & WALKER DRY GOODS COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed January 21, 1926.

27,775. MILK, CREAM, AND CHEESE. Registered February 11, 1896. NEW YORK CONDENSED MILK CO. Renewed February 11, 1926, to The Borden Company, New York, N. Y., a Corporation of New Jersey, assignee.

27,858. PAINTS, STAINS, FILLERS, JAPANS, VARNISHES, AND SIMILAR ARTICLES. Registered February 25, 1896. HARRISON BROS. & CO., Philadelphia, Pa. Renewed February 25, 1926, to E. I. du Pont de Nemours and Company, Wilmington, Del., a Corporation of Delaware, assignee.

27,953. GELATIN. Registered March 17, 1896. MICHIGAN CARBON WORKS, Detroit, Mich. Renewed March 17, 1926, to The American Agricultural Chemical Company, New York, N. Y., a Corporation of Connecticut, assignee.

27,962. UNCTIONS FOR ERADICATION OF CUTANEOUS DISEASES. Registered March 17, 1896. B. S. GILBERT. Renewed March 17, 1926, to B. S. Gilbert Pharmaceutical Co., York, Pa., successor.

28,018. SOAP. Registered March 24, 1896. NEWELL & BRO. Renewed March 24, 1926, to Newell & Bro., San Francisco, Calif., a Corporation of California, successor.

28,067. RODS, SHEETS, WIRE, PLATES, INGOTS, AND CASTINGS MADE FROM METALLIC ALLOYS. Registered March 31, 1896. THE ANSONIA BRASS AND COPPER COMPANY, Ansonia, Conn., and New York, N. Y. Renewed March 31, 1926, to The American Brass Company, Waterbury, Conn., a Corporation of Connecticut, assignee.

28,205. LEATHER. Registered May 5, 1896. WHITE BROS. & CO. Renewed May 5, 1926, to American Hide and Leather Company, Boston, Mass., a Corporation of New Jersey, assignee.

28,260. WRITING AND NOTE PAPER AND PAPER USED FOR OTHER AND SIMILAR PURPOSES. Registered May 19, 1896. WHITING PAPER COMPANY, Holyoke, Mass., and New York, N. Y., a Corporation of Massachusetts. Renewed May 19, 1926.

28,324. CASTINGS OF METAL. Registered June 2, 1896. WALTER WOOD, Philadelphia, Pa. Renewed June 2, 1926.

28,333. KERSEYS AND CASSIMERES. Registered June 2, 1896. W. J. DICKEY & SONS, Baltimore, Md. Renewed June 2, 1926, to W. J. Dickey & Sons, Incorporated, Oella, Md., a Corporation of Delaware, assignee.

28,383. NOTE, WRITING, AND OTHER PAPERS. Registered June 16, 1896. WHITING PAPER COMPANY, Holyoke, Mass., and New York, N. Y., a Corporation of Massachusetts. Renewed June 16, 1926.

28,491. BORAX, SOAP, CLEANSING COMPOUNDS, TOILET AND BATH POWDERS. Registered June 30, 1896. PACIFIC COAST BORAX COMPANY, San Francisco, Calif. Renewed June 30, 1926, to Pacific Coast Borax Company, New York, N. Y.; Chicago, Ill., and Oakland, Calif., a Corporation of Nevada, assignee.

28,605. POWDERS FOR THE FEET. Registered July 14, 1896. ALLEN S. OLMSTED, Le Roy, N. Y. Renewed July 14, 1926.

28,615. PUMPS AND ENGINES. Registered July 14, 1896. THE GEO. F. BLAKE MANUFACTURING COMPANY. Renewed July 14, 1926, to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia, assignee.

48,013. GIN. Registered December 5, 1905. NATIONAL DISTILLING CO. Renewed December 5, 1925, to Red Star Yeast and Products Co., Milwaukee, Wis., a Corporation of Wisconsin, assignee.

48,348. WHISKY. Registered December 26, 1905. NATIONAL DISTILLING CO. Renewed December 26, 1925, to Red Star Yeast and Products Co., Milwaukee, Wis., a Corporation of Wisconsin, assignee.

48,404. FIREARMS. Registered December 26, 1905. THE WEBLEY & SCOTT REVOLVER & ARMS CO. LD. Renewed December 26, 1925, to Webley & Scott, Ltd., Birmingham, England, a Corporation of Great Britain, assignee.

48,405. FIREARMS. Registered December 26, 1905. THE WEBLEY & SCOTT REVOLVER & ARMS CO. LD. Renewed December 26, 1925, to Webley & Scott, Ltd., Birmingham, England, a Corporation of Great Britain, assignee.

48,960. TYPEWRITING MACHINES AND PARTS THEREOF. Registered January 16, 1906. THE OLIVER TYPEWRITER COMPANY, Chicago, Ill. Renewed January 16, 1926, to The Oliver Typewriter Company, Woodstock, Ill., a Corporation of Illinois.

48,978. CANNED OR PRESERVED FRUITS AND VEGETABLES. Registered January 16, 1906. C. W. BAKER & SONS, Aberdeen, Md. Renewed January 16, 1926.

49,018. GIN. Registered January 23, 1906. NATIONAL DISTILLING CO. Renewed January 23, 1926, to Red Star Yeast and Products Co., Milwaukee Wis., a Corporation of Wisconsin, assignee.

49,298. COTTON THREAD. Registered January 30, 1906. THE CLARK MILE-END SPOOL COTTON CO., East Newark, N. J. Renewed January 30, 1926, to The Clark Thread Company, Newark, N. J., a Corporation of New Jersey, assignee.

49,773. COTTON PIECE GOODS. Registered February 13, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed February 13, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

49,829. COTTON PIECE GOODS. Registered February 20, 1906, MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed February 20, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

49,908. KNIT HOSIERY AND UNDERWEAR. Registered February 20, 1906. M. & C. MAYER. Renewed February 20, 1926, to Lax & Burgheimer Corporation, New York, N. Y., a Corporation of New York, assignee.

49,909. KNIT HOSIERY AND UNDERWEAR. Registered February 20, 1906. M. & C. MAYER. Renewed February 20, 1926, to Lax & Burgheimer Corporation, New York, N. Y., a Corporation of New York, assignee.

50,169. COTTON PIECE GOODS. Registered March 6, 1906. CATLIN & CO. Renewed March 6, 1926, to Catlin & Co., Inc., New York, N. Y., a Corporation of New York, assignee.

50,239. TABASCO CATCHUP AND TOMATO CATCHUP. Registered March 6, 1906. JOSEPH CAMPBELL COMPANY. Renewed March 6, 1926, to Campbell Soup Company, Camden, N. J., a Corporation of New Jersey, assignee.

50,240. CHILI SAUCE, TABASCO SAUCE, AND SALAD DRESSING. Registered March 6, 1906. JOSEPH CAMPBELL COMPANY. Renewed March 6, 1926, to Campbell Soup Company, Camden, N. J., a Corporation of New Jersey, assignee.

50,246. LIQUID DISINFECTANTS. Registered March 6, 1906. MARY ESTELLA PLATT, New York, N. Y. Renewed March 6, 1926, to James F. Ballard, Inc., St. Louis, Mo., a Corporation of Missouri, successor.

50,358. GUNS, RIFLES, PISTOLS, REVOLVERS, AND PARTS THEREOF. Registered March 13, 1906. THE WEBLEY & SCOTT REVOLVER & ARMS CO., LD. Renewed March 13, 1926, to Webley & Scott, Ltd., Birmingham, England, a Corporation of Great Britain, assignee.

50,597. WIRE. Registered March 27, 1906. UNITED SHOE MACHINERY COMPANY, Boston, Mass. Renewed March 27, 1926, to United Shoe Machinery Corporation, Boston, Mass., and Paterson, N. J., a Corporation of New Jersey, assignee.

50,750. COTTON PIECE GOODS. Registered March 27, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed March 27, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

50,751. COTTON PIECE GOODS. Registered March 27, 1906. MASSACHUSETTS COTTON MILLS, Lowell, Mass. Renewed March 27, 1926, to Massachusetts Cotton Mills, Lowell and Boston, Mass., a Corporation of Massachusetts.

50,828. CORDS, LINES, TWINES, AND ROPES. Registered April 3, 1906. SAMSON CORDAGE WORKS, Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,111. TYPEWRITING MACHINES. Registered April 3, 1906. THE OLIVER TYPEWRITER COMPANY, Chicago, Ill. Renewed April 3, 1926, to The Oliver Typewriter Company, Woodstock, Ill., a Corporation of Illinois, assignee.

51,226. WEIGHING MACHINES AND PARTS THEREOF. Registered April 10, 1906. E. AND T. FAIRBANKS AND COMPANY, St. Johnsbury, Vt., a Corporation of Vermont. Renewed April 10, 1926.

51,337. TOPICAL REMEDIES. Registered April 10, 1906. JAMES F. BALLARD. Renewed April 10, 1926, to James F. Ballard, Inc., St. Louis, Mo., a Corporation of Missouri, successor.

51,396. LEATHER BOOTS AND SHOES. Registered April 17, 1906. CRADDOCK-TERRY COMPANY, Lynchburg, Va., a Corporation of Virginia. Renewed April 17, 1926.

51,427. LEATHER FOR SHOES, GLOVES, AND HARNESS. Registered April 17, 1906. PFISTER & VOGEL LEATHER COMPANY, Milwaukee, Wis., a Corporation of Wisconsin. Renewed April 17, 1926.

51,603. LINIMENT. Registered April 17, 1906. JAMES F. BALLARD. Renewed April 17, 1926, to James F. Ballard, Inc., St. Louis, Mo., a Corporation of Missouri, successor.

51,604. GERMICIDE AND ANTISEPTIC COMPOUND. Registered April 17, 1906. JAMES F. BALLARD. Renewed April 17, 1926, to James F. Ballard, Inc., St. Louis, Mo., a Corporation of Missouri, successor.

51,775. CORDS, LINES, TWINES, AND ROPES. Registered April 24, 1906. SAMSON CORDAGE WORKS, Boston, Mass., a Corporation of Massachusetts. Renewed April 24, 1926.

51,783. CLEANING COMPOUND. Registered April 24, 1906. E. C. DAVIS. Renewed April 24, 1926, to EvaperO Incorporated, Rockland, Me., a Corporation of Maine, successor.

51,919. MEDICINE EMPLOYED AS A TONIC, APPETIZER, AND STRENGTHENER. Registered April 24, 1906. JAMES F. BALLARD. Renewed April 24, 1926, to James F. Ballard, Inc., St. Louis, Mo., a Corporation of Missouri, successor.

52,355. COTTON THREAD. Registered May 8, 1906. THE CLARK MILE-END SPOOL COTTON CO., East Newark, N. J. Renewed May 8, 1926, to The Clark Thread Company, Newark, N. J., a Corporation of New Jersey, assignee.

52,487. LAXATIVES. Registered May 8, 1906. W. S. JOHNSON & SON, Henderson, Ky. Renewed May 8, 1926, to A. R. Johnson, Buffalo, N. Y., successor.

52,828. RAIN-PROOF COATS. Registered May 22, 1906. LIPPMAN E. HESS, Philadelphia, Pa. Renewed May 22, 1926, to The Stein-Bloch Co., Rochester, N. Y., a Corporation of New York, assignee.

52,849. ASH SIFTERS. Registered May 22, 1906. JOSEPH P. HILL. Renewed May 22, 1926, to Hill Clothes Dryer Co., Worcester, Mass., a Corporation of Massachusetts, successors.

52,878. ACCORDIONS. Registered May 22, 1906. CHARLES BRUNO. Renewed May 22, 1926, to C. Bruno & Son, Inc., New York, N. Y., successor.

52,901. INSULATING COMPOUND. Registered May 22, 1906. EMIL CALMAN & Co. Renewed May 22, 1926, to Emil Calman & Co. Inc., New York, N. Y., a Corporation of New York, assignee.

53,160. WHEAT FLOUR. Registered May 29, 1906. BAY STATE MILLING COMPANY, Winona, Minn., and Boston, Mass. Renewed May 29, 1926, to Bay State Milling Company, Winona, Minn., a Corporation of Minnesota.

53,302. SPIRIT VARNISH. Registered May 29, 1906. THE BALL CHEMICAL CO., Allegheny, Pa. Renewed May 29, 1926, to Ball Chemical Co., Pittsburgh, Pa., a Corporation of Pennsylvania.

53,413. CARPET SWEEPERS. Registered June 5, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed June 5, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

53,450. CLOTHES WRINGERS AND THE PARTS COMPOSING THE SAME. Registered June 5, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed June 5, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

53,452. CLOTHES WRINGERS. Registered June 5, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed June 5, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

53,512. VERMIFUGE. Registered June 5, 1906. JAMES F. BALLARD. Renewed June 5, 1926, to James F. Ballard, Inc., St. Louis, Mo., a Corporation of Missouri, successor.

53,736. NAILS. Registered June 12, 1906. UNITED SHOE MACHINERY COMPANY, Boston, Mass. Renewed June 12, 1926, to United Shoe Machinery Corporation, Boston, Mass., and Paterson, N. J., a Corporation of New Jersey, assignee.

54,002. SOAPS FOR TOILET, LAUNDRY, AND HOUSEHOLD USE. Registered June 19, 1906. COLGATE & Co., New York, N. Y. Renewed June 19, 1926, to Colgate & Company, Jersey City, N. J., a Corporation of New Jersey, assignee.

54,040. WINDMILLS. Registered June 19, 1906. THE HELLER-ALLER Co., Napoleon, Ohio, a Corporation of Ohio. Renewed June 19, 1926.

54,324. DARNING COTTON, CROCHET COTTON, AND COTTON THREAD. Registered June 26, 1906. THE CLARK MILE-END SPOOL COTTON CO., East Newark, N. J. Renewed June 26, 1926, to The Clark Thread Company, Newark, N. J., a Corporation of New Jersey, assignee.

54,443. COTTON THREAD. Registered June 26, 1906. THE CLARK MILE-END SPOOL COTTON CO., East Newark, N. J. Renewed June 26, 1926, to The Clark Thread Company, Newark, N. J., a Corporation of New Jersey, assignee.

LABELS

REGISTERED MARCH 9, 1926.

30,023.—*Title:* PARAMOUNT. For Face Lotion. ANNA E. AXTELL, Silsbee, Tex. Published November 20, 1925.

30,024.—*Title:* BEECH-NUT MINTS. For Beech-Nut Mints. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published August 10, 1922.

30,025.—*Title:* DESIGN 301. For Ice Cream. BLOOMER BROS. COMPANY, Newark, N. Y. Published November 10, 1925.

30,026.—*Title:* DESIGN #501. For Ice Cream. BLOOMER BROS. COMPANY, Newark, N. Y. Published November 10, 1925.

30,027.—*Title:* DESIGN 505. For Ice Cream. BLOOMER BROS. COMPANY, Newark, N. Y. Published November 10, 1925.

30,028.—*Title:* DESIGN 504. For Ice Cream. BLOOMER BROS. COMPANY, Newark, N. Y. Published November 10, 1925.

30,029.—*Title:* DESIGN 503. For Ice Cream. BLOOMER BROS. COMPANY, Newark, N. Y. Published November 10, 1925.

30,030.—*Title:* DESIGN 502. For Ice Cream. BLOOMER BROS. COMPANY, Newark, N. Y. Published November 10, 1925.

30,031.—*Title:* DESIGN 305. For Ice Cream. BLOOMER BROS. COMPANY, Newark, N. Y. Published November 10, 1925.

30,032.—*Title:* DESIGN 304. For Ice Cream. BLOOMER BROS. COMPANY, Newark, N. Y. Published November 10, 1925.

30,033.—*Title:* DESIGN #303. For Ice Cream. BLOOMER BROS. COMPANY, Newark, N. Y. Published November 10, 1925.

30,034.—*Title:* DESIGN 302. For Ice Cream. BLOOMER BROS. COMPANY, Newark, N. Y. Published November 10, 1925.

30,035.—*Title:* MEAT FOOD PRODUCT. For Meat Products. JACOB BRANFMAN, New York, N. Y. Published December 24, 1925.

30,036.—*Title:* A REFINED FORM OF WASHING SODA. For Washing Soda. THE BUCKEYE SODA PRODUCTS COMPANY, Cleveland, Ohio. Published December 28, 1925.

30,037.—*Title:* HILLS HONEY & TAR. For a Medicine for Coughs and Colds. LAURENCE E. CASH, doing business as New York Drug Concern, New York, N. Y. Published February 6, 1926.

30,038.—*Title:* KEYSTONE RADIO CABINET POLISH. For Polish. GEORGE W. COMSTOCK, doing business as Keystone Polish Company, Newark, N. J. Published January 21, 1926.

30,039.—*Title:* RADIENT. For Corn Remover. ERNEST R. CORYELL, doing business as Coryell & Co., Richmond, Calif. Published November 15, 1924.

30,040.—*Title:* CHAM-KĀNĀ SHAMPOO. For a Shampoo Preparation. DU-KANA, INC., Syracuse, N. Y. Published January 30, 1926.

30,041.—*Title:* THREE STAR TAPESTRY EMBROIDERY SILK. For Embroidery Silk. HERMAN ELSBACH & SONS, San Francisco, Calif. Published February 6, 1926.

30,042.—*Title:* RITZ-Y BAR. For Chocolate-Covered Candy Bars. ERWIN M. ERNST, St. Paul, Minn. Published December 1, 1925.

30,043.—*Title:* FERROXANTI BOILER AND METAL PROTECTOR. For Ferroxanti. FERROXANTI WORLD SYNDICATE INC., New York, N. Y. Published October 2, 1925.

30,044.—*Title:* FRISCH PROCESS. For Bread. EMILE FRISCH, Chicago, Ill. Published May 18, 1925.

30,045.—*Title:* FRISCH PROCESS. For Bread. EMILE FRISCH, Chicago, Ill. Published December 17, 1925.

30,046.—*Title:* GIBSON CLEANING COMPOUND. For Cleaning Compound. AMOS GIBSON, San Antonio, Tex. Published February 3, 1926.

30,047.—*Title:* MARVEL. For Rug and Carpet Cleaner and Color Restorer. JAMES N. GREATHOUSE, Muscatine, Iowa. Published February 5, 1926.

30,048.—*Title:* DEPENDABLE HAND-MADE SHADING. For Window-Shade Cloth. ILLINOIS SHADE CLOTH CORPORATION, Chicago Heights, Ill. Published October 2, 1925.

30,049.—*Title:* OIL SEALED. For Eggs Which Have Been Processed to Keep Them Fresh. KASSER EGG PROCESS CO., San Francisco, Calif. Published December 1, 1925.

30,050.—*Title:* SANITARY SEALED. For Eggs Which Have Been Processed to Keep Them Fresh. KASSER EGG PROCESS CO., San Francisco, Calif. Published December 1, 1925.

30,051.—*Title:* UN X LD. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to Emil Fleischl & Son, New York, N. Y. Published January 15, 1926.

30,052.—*Title:* LA HOYA DE LUXE. For Cigars. THE MOEHLE LITHOGRAPHIC COMPANY, INC., Brooklyn, N. Y. Published December 1, 1925.

30,053.—*Title:* LA RISA. For Cigars. THE MOEHLE LITHOGRAPHIC COMPANY, INC., Brooklyn, N. Y. Published December 1, 1925.

30,054.—*Title:* MARTA GARCIA. For Cigars. THE MOEHLE LITHOGRAPHIC COMPANY, INC., Brooklyn, N. Y. Published December 1, 1925.

30,055.—*Title:* LA PICANTA. For Cigars. THE MOEHLE LITHOGRAPHIC COMPANY, INC., Brooklyn, N. Y. Published December 1, 1925.

30,056.—*Title:* MAID O'CLOVER. For Ice Cream. MUTUAL CREAMERY COMPANY, Los Angeles, Calif. Published November 21, 1925.

30,057.—*Title:* ASSORTED NUT CHOCOLATES. For Candy. NORRIS, INCORPORATED, Atlanta, Ga. Published January 20, 1926.

30,058.—*Title:* PAGE'S SKYN TONAC. For an Antiseptic. JOSEPH G. PAGE, doing business as J. G. Page Chemical Co., Buffalo, N. Y. Published December 23, 1925.

30,059.—*Title:* PEDOX. For Shoe and Foot Accessories. PEDOX PRODUX, INC., New York, N. Y. Published March 31, 1925.

30,060.—*Title:* PLANTERS PEANUT JUMBO BLOCK. For Candy Bar. PLANTERS NUT & CHOCOLATE CO., Wilkes-Barre, Pa.; Suffolk, Va.; and San Francisco, Calif. Published November 18, 1925.

30,061.—*Title:* LA RIVERA. For Cigars. RAYMOND RIVERA, Chicago, Ill. Published November 30, 1924.

30,062.—*Title:* LISTO. For Listo Sanitary Napkins. DOROTHY G. SCOTT, doing business as Cotton Products Laboratories, Brooklyn, N. Y. Published October 15, 1925.

30,063.—*Title:* TANJORA. For Marmalade. JOSEPH E. SEE, doing business as The Tanjora Company, New York, N. Y. Published December 21, 1925.

30,064.—*Title:* PAT FOR INDIGESTION. For a Medicine for Indigestion. MORRIS SHENKER, doing business as The Pat Company, Baltimore, Md. Published January 30, 1926.

30,065.—*Title:* ISLE ROYALE CREAMERY BUTTER. For Butter. SUTHERLAND PAPER COMPANY, Kalamazoo, Mich. Published December 7, 1925.

30,066.—*Title:* FAIRY WAND. For Candy. CHAS. WEINHAGEN & Co., St. Paul, Minn. Published January 1, 1925.

30,067.—*Title:* 'AIRTITE'. For Gaskets. EDWARD J. WIRFS, doing business as Wirfs Organization, St. Louis, Mo. Published August 10, 1925.

30,068.—*Title:* HUGTITE CONCEALED NAIL MOULDING. For Molding. WOODWARD & COCHRY MFG. Co., Chicago, Ill. Published November 18, 1925.

PRINTS

REGISTERED MARCH 9, 1926.

8,619.—*Title:* BEECH-NUT LEMON FRUIT DROPS. For Beech-Nut Lemon Fruit Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published September 8, 1925.

8,620.—*Title:* BEECH-NUT ORANGE FRUIT DROPS. For Beech-Nut Orange Fruit Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published September 8, 1925.

8,621.—*Title:* BEECH-NUT LIME FRUIT DROPS. For Beech-Nut Lime Fruit Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published September 8, 1925.

8,622.—*Title:* BEECH-NUT 'MINTS' SPEARMINT. For Beech-Nut Mints Spearmint, BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 5, 1925.

8,623.—*Title:* BEECH-NUT 'MINTS' WINTERGREEN. For Beech-Nut Mints Wintergreen. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 5, 1925.

8,624.—*Title:* BEECH-NUT 'MINTS' PEPPERMINT. For Beech-Nut Mints Peppermint. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 5, 1925.

8,625.—*Title:* 'A FRIEND IN-DEED.' For Shopping Bags. DEUBENER'S SHOPPING BAG, St. Paul, Minn. Published February 8, 1926.

8,626.—*Title:* PALM BEACH VANITY. For Vanity Boxes. THE NAPIER CO., Meriden, Conn., and New York, N. Y. Published January 7, 1926.

8,627.—*Title:* FROM THE HEART OF THE HILLS TO YOU POWHATAN. For Coal. THE POWHATAN MINING COMPANY, Cleveland, Ohio. Published January 30, 1926.

8,628.—*Title:* SEALRIGHT LIQUID-TIGHT PAPER CONTAINERS. For Paper Containers. SEALRIGHT CO. INC., Fulton, N. Y. Published September 1, 1925.

8,629.—*Title:* OUR FINE, FRESH SALTWATER OYSTERS ARE PACKAGED FOR YOU IN SEALRIGHT LIQUID-TIGHT PAPER CONTAINERS. For Paper Containers. SEALRIGHT CO. INC., Fulton, N. Y. Published September 1, 1925.

8,630.—*Title:* SEALRIGHT LIQUID-TIGHT PAPER CONTAINERS. For Paper Containers. SEALRIGHT CO. INC., Fulton, N. Y. Published September 1, 1925.

8,631.—*Title:* LUBROL—THE OIL WITH THE BETTER BODY. For Oil. STREET & FINNEY, INC., New York, N. Y. Published December 24, 1925.

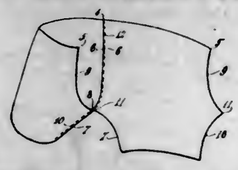
8,632.—*Title:* ICE CREAM—A PERFECT FOOD. For Ice Cream. HENRY J. WARD, Chicago, Ill. Published December 15, 1925.

8,633.—*Title:* HAPPY HOME OF BABY CHICKS. For Baby Chicks and Poultry. WILLIAM A. WEBER, doing business as Mankato Hatchery, Mankato, Minn. Published December 15, 1925.

REISSUES

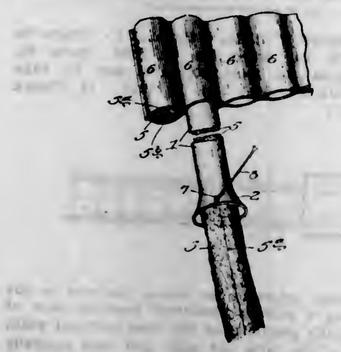
MARCH 9, 1926.

16,282. BLOOMERS. ISADORE LESSON, Brooklyn, N. Y. Filed Oct. 28, 1925. Serial No. 65,500. Original No. 1,523,879, dated Jan. 13, 1925, Serial No. 641,996, filed May 28, 1923. 2 Claims. (Cl. 2—224.)



1. A bloomer made of two approximately hexagonal pieces of material each cut with the top edge sloping to the front edge, the top edge of each piece being considerably longer than required to half-gird the waist of the wearer, the rear edge of each piece having upper and lower edge portions meeting at a point, and the front edge of each piece also having upper and lower edge portions meeting at a point, such two points being spaced apart a distance at least equal to the length of the top edge, the upper rear edge portion being shaped to define a concave curve and having a length greater than the upper front edge portion; the pieces being stitched together by joining, two by two, the curved edge portions of both pieces, the upper front edge portions of both pieces, the lower edge portions of one piece, and the lower edge portions of the other piece; the upper curved portions being of such length that the seam joining them extends beneath and to the front of the body of the wearer and the upper front edge portions of said sections being of such length that when joined their seam is materially shorter than the normal distance from the waist line to the crotch line of the wearer.

16,283. PROCESS AND APPARATUS FOR STUFFING UPHOLSTERY. ALLISTER S. MITCHELL, Oakland, Calif., assignor to California Cotton Mills Company, Oakland, Calif., a Corporation of California. Filed Jan. 29, 1926. Serial No. 84,787. Original No. 1,497,183, dated June 10, 1924, Serial No. 609,608, filed Dec. 29, 1922. 13 Claims. (Cl. 226—43.)



6. The process of forming pleated upholstery which comprises: threading a tubular insertion-tool with the advance end of a continuous wadding-strip and reciprocating the insertion-tool with relation to the pleat, the advance movement of the tool serving to introduce the advance end of the wadding-strip into the pleat and the return movement of the tool serving to reload the tool, the inserted portion of the wadding-strip being held during the return movement of the tool and serving to draw a fresh portion of the wadding-strip into the insertion-tool during the return movement of said tool.

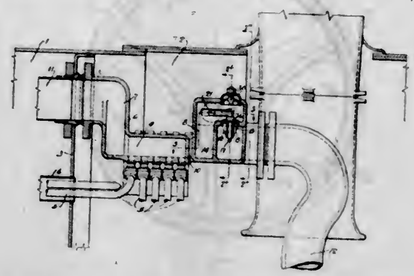
11. In an upholstering operation the process of stuffing pleats which comprises: employing an insertion-tool which envelops and compresses an end-portion of a resilient wadding-strip which is of sufficient length to repeatedly recharge said tool as a means for introducing successive portions of said strip into the successive pleats, pinching the loaded pleat and inserted strip at the advance end to thus retain the introduced portion and withdrawing the tool from the pleat, thus employing the introduced portion as a means for effecting automatic reloading of the tool, and severing the strip at the advance end of the tool after such automatic reloading has been effected.

16,284. HOSE NOZZLE. CHARLES SPAETH, Cleveland, Ohio, assignor, by mesne assignments, to The Marvel Equipment Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 31, 1925. Serial No. 66,107. Original No. 1,514,870, dated Nov. 11, 1924, Serial No. 538,265, filed Feb. 21, 1922. 14 Claims. (Cl. 226—129.)



13. A fluid conducting nozzle comprising a tapered member having a passageway through which fluid may pass, and means on said member compensatory in effect to releasably retain the nozzle in openings of different sizes and substantially close said openings.

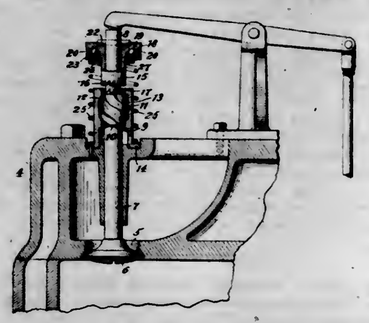
16,285. LOCOMOTIVE. RAY M. BROWN, Yonkers, N. Y. Filed Feb. 2, 1926. Serial No. 85,604. Original No. 1,570,228, dated Jan. 19, 1926, Serial No. 650,850, filed July 11, 1923. 10 Claims. (Cl. 122—462.)



1. In apparatus of the class described, the combination of a superheater comprising an elongated chamber having a series of ports along its length through which superheated steam is delivered to the chamber, and having

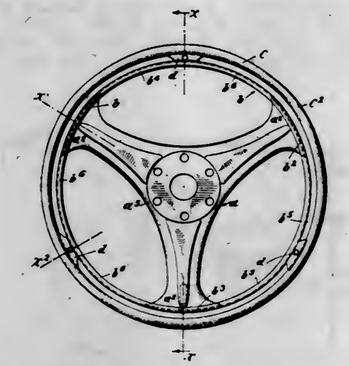
an outlet through which the steam is conveyed to the point of use; partitioning means separating the inlet ports from the outlet and provided with a series of relatively small openings distributed opposite said steam delivery ports; and a corresponding series of valves each controlling one of said openings.

16,286. VALVE FOR INTERNAL-COMBUSTION ENGINES. WILMER G. BUCK, Fremont, Nebr., assignor, by mesne assignments, to Continental Engineering Corporation, Omaha, Nebr., a Corporation of Nebraska. Filed July 17, 1920. Serial No. 397,123. Original No. 1,244,287, dated Oct. 23, 1917, Serial No. 156,845, filed Mar. 23, 1917. 8 Claims. (Cl. 123—90.)



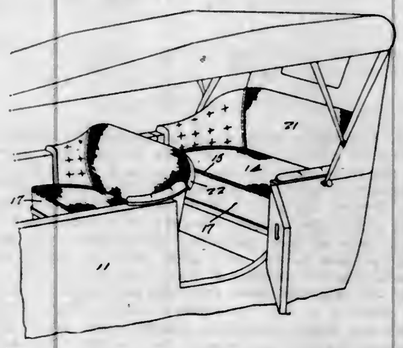
3. In a valve of the class described, the combination of a valve member, a removable separable ball-bearing associated with the valve member to facilitate the turning of the valve, means for imparting a rotating movement to the valve member during the valve movements including a clutch connection, means acting to break the clutch connection, and other detachable means carried by the ball bearing for holding the separable ball-bearing intact when the latter is disassociated from the valve stem, substantially as described.

16,287. VEHICLE WHEEL. FREDERICK WILLIAM BAKER, Stourbridge, England. Filed Sept. 23, 1925. Serial No. 58,182. Original No. 1,524,806, dated Feb. 3, 1925, Serial No. 355,632, filed Feb. 2, 1920. 4 Claims. (Cl. 301—64.)



1. In a wheel of the class described, an outer rim, an inner rim within and spaced from the outer rim, clip bearers between said rims each of greater circumferential dimension than of radial dimension, said clip bearers detachably securing said rims together, and a three armed centre member comprising a hub, and three longitudinally curved spokes arranged in a symmetrical combination of series of arches and between the inner rim and the hub, the ends of the spokes being secured to the inner rim at points substantially midway between the clip bearers, and the centre portions of the spokes being secured to the hub.

16,288. SLIP COVER FOR AUTOMOBILES. RUFUS R. EDDINS, Marlin, Tex. Filed Sept. 12, 1925. Serial No. 56,100. Original No. 1,544,141, dated June 30, 1925, Serial No. 585,305, filed Aug. 30, 1922. 9 Claims. (Cl. 155—182.)



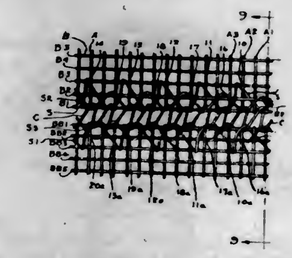
1. A slip cover for automobile seat cushions comprising separate seat and back sections, each formed from a sheet of matting composed of grass, cane or other vegetable fibers cut to the size and shape required to completely cover the wearing surface of the cushion, and a reenforcement of flexible material extending around and secured to the sheet at its edges, the reenforcement of the back section being made of sufficient width to permit the same to be tacked or otherwise secured at its upper and side edges to the back cushion and straps secured to the lower edge of said reenforcement for passing beneath the front cushion, the reenforcement of the seat section being made of sufficient width to provide a valance for concealing the edges of the seat cushion and a shirring cord secured to the free edge of the valance for securing the seat section in place.

16,289. EXTENSION RAIL. HAROLD P. TOMPKINS, Charleston, W. Va. Filed Jan. 22, 1926. Serial No. 83,151. Original No. 1,486,700, dated Mar. 11, 1924, Serial No. 644,226, filed June 8, 1923. 11 Claims. (Cl. 238—10.)



1. A car track extension for mines, quarries or the like, comprising a pair of channeled members each of a width materially greater than the cross sectional width of the heads of the mine car rails, and each centrally and longitudinally grooved to permit either of the side walls provided by the groove contacting the side of the car rail heads, and wedging means for holding the track extensions in such position.

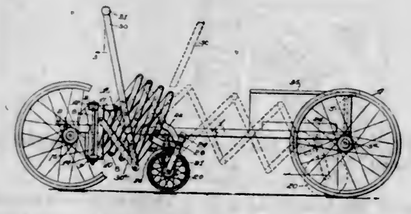
16,290. SEAM FOR WOVEN-WIRE BELTS. HAMILTON LINDSAY, Cleveland, Ohio, assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio, a Corporation of Ohio. Filed June 5, 1925. Serial No. 35,243. Original No. 1,464,947, dated Aug. 14, 1923, Serial No. 607,557, filed Dec. 18, 1922. 16 Claims. (Cl. 245—10.)



1. A seam for an endless belt wherein the weave comprises warp wires and woof wires, the warp wires having long knuckles on one side of the belt and short knuckles on the other side thereof, having two stitching wires passing through one end of the belt, at least one of the wires passing through the belt adjacent a short warp knuckle and forming loops adjacent the end of the belt, and a closing wire connecting said loops.

15. A seam for an endless belt having a closing wire connecting the ends of the belt, said wire having loops which on one end of the belt are arranged to skip one warp wire and then two warp wires in succession.

16,291. VEHICLE PROPELLING DEVICE. CONRAD DAHL, Chicago, Ill., assignor to Dahl Autocoaster Corporation, Chicago, Ill., a Corporation of Illinois. Filed Feb. 3, 1923. Serial No. 616,801. Original No. 1,368,610, dated Feb. 15, 1921, Serial No. 396,202, filed July 14, 1920. 10 Claims. (Cl. 208—38.)



1. A vehicle propelling device, comprising in combination with a vehicle frame, a movement multiplying multiple lever system having its initial pivot at an elevated fixed position on the vehicle frame, and trending thence rearward with freedom for up-and-down movement at its rear end; a ground-engaging member carried by the rearmost operating member of said lever system, and operating means engaging an intermediate pivot of the lever system for rearward movement of said pivot.

DESIGNS

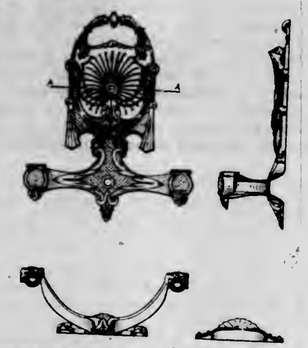
MARCH 9, 1926.

69,622. ENVELOPE MOISTENER. HERBERT WEBSTER AGNEW, Victoria, British Columbia, Canada. Filed Nov. 24, 1925. Serial No. 15,530. Term of patent 3½ years.



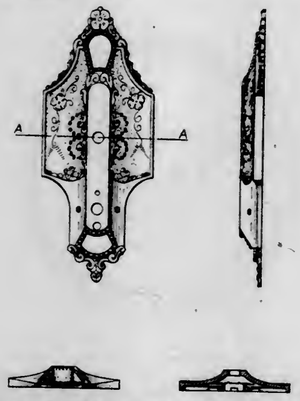
The ornamental design for an envelope moistener as shown.

69,623. BRACKET BACK FOR LIGHTING FIXTURES. SALLY AIRO, Detroit, Mich., assignor to Lincoln Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Jan. 2, 1926. Serial No. 15,939. Term of patent 7 years.



The ornamental design for a bracket back for lighting fixtures, as shown.

69,624. BRACKET BACK FOR LIGHTING FIXTURES. SALLY AIRO, Detroit, Mich., assignor to Lincoln Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Jan. 2, 1926. Serial No. 15,940. Term of patent 7 years.



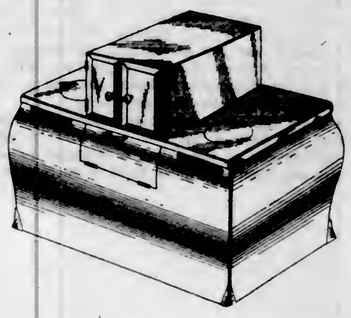
The ornamental design for a bracket back for lighting fixtures, as shown.

69,625. POWDER BOX OR SIMILAR ARTICLE. HARRY S. ANDERSON, New York, N. Y. Filed Oct. 18, 1924. Serial No. 11,108. Term of patent 7 years.



The ornamental design for a powder box or similar article, substantially as shown.

69,626. RANGE. CHARLES H. BARTOW, Lancaster, Ohio. Filed Sept. 29, 1925. Serial No. 14,945. Term of patent 7 years.



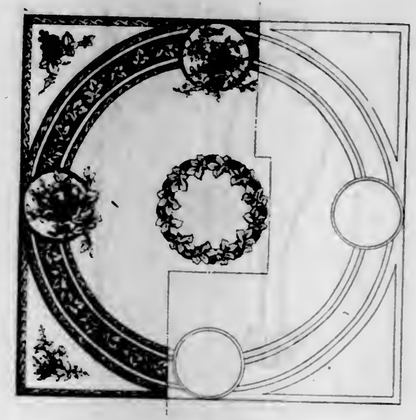
The ornamental design for a range, as shown.

69,627. TABLE COVER OR ANALOGOUS ARTICLE. CARRODUS BASTOW, Allwood, N. J., assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,511. Term of patent 3½ years.



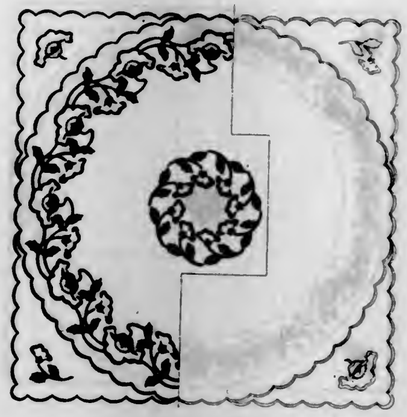
The ornamental design for a table-cover or analogous article, substantially as shown.

69,628. TABLE COVER OR ANALOGOUS ARTICLE. CARRODUS BASTOW, Allwood, N. J., assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,512. Term of patent 3½ years.



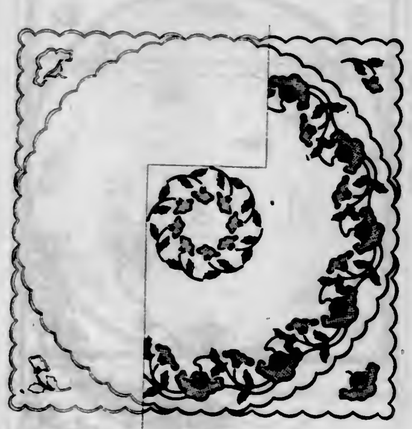
The ornamental design for a table-cover or analogous article, substantially as shown and described.

69,629. TABLE COVER OR ANALOGOUS ARTICLE. CARRODUS BASTOW, Allwood, N. J., assignor to T. R. Goodlatte & Sons, (Inc.), Delawanna, N. J., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,513. Term of patent 3½ years.



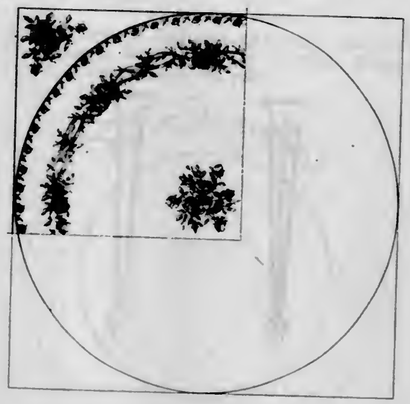
The ornamental design for a table-cover or analogous article, substantially as shown and described.

69,630. TABLE COVER OR ANALOGOUS ARTICLE. CARRODUS BASTOW, Allwood, N. J., assignor to T. R. Goodlatte & Sons, (Inc.), Delawanna, N. J., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,514. Term of patent 7 years.



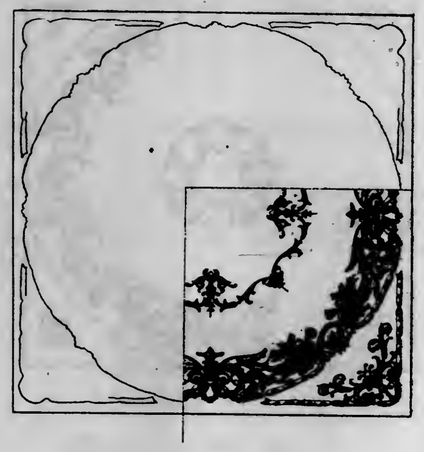
The ornamental design for a table-cover or analogous article, substantially as shown and described.

69,631. TABLE COVER OR ANALOGOUS ARTICLE. CARRODUS BASTOW, Allwood, N. J., assignor to T. R. Goodlatte & Sons, (Inc.), Delawanna, N. J., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,515. Term of patent 7 years.



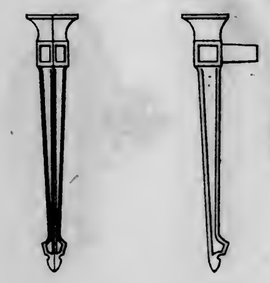
The ornamental design for a table-cover or analogous article, substantially as shown and described.

69,632. TABLE COVER OR ANALOGOUS ARTICLE. CARRODUS BASTOW, Allwood, N. J., assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,516. Term of patent 7 years.



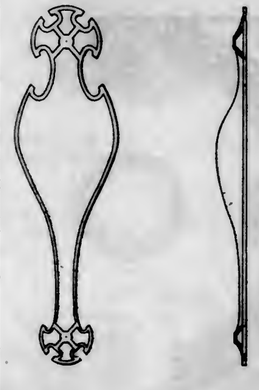
The ornamental design for a table-cover or analogous article, substantially as shown and described.

69,633. BRACKET ARM FOR LIGHTING FIXTURES. JEROME R. BUCHANAN and ROBERT H. ABBOTT, Los Angeles, Calif. Filed Dec. 12, 1925. Serial No. 15,734. Term of patent 7 years.



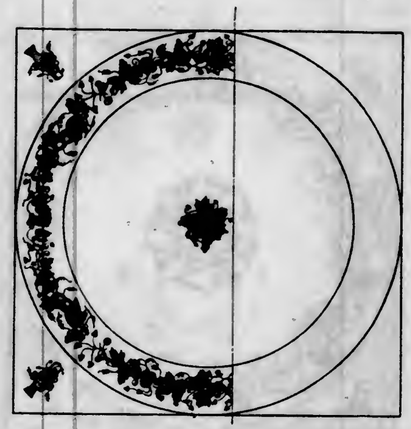
The ornamental design for a bracket arm for a lighting fixture as shown.

69,634. WALL PLATE FOR LIGHTING FIXTURES. JEROME R. BUCHANAN and ROBERT H. ABBOTT, Los Angeles, Calif. Filed Dec. 12, 1925. Serial No. 15,735. Term of patent 7 years.



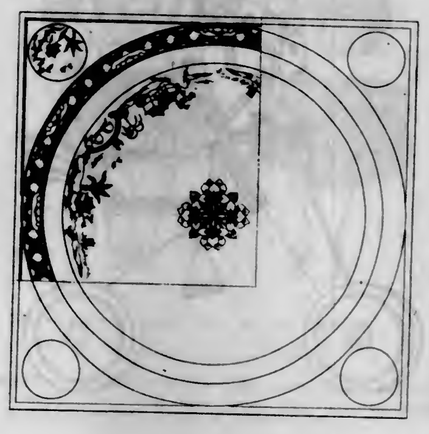
The ornamental design for a wall plate for a lighting fixture as shown.

69,635. TABLE COVER OR ANALOGOUS ARTICLE. JOHN F. BURROUGHS, Baltimore, Md., assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,519. Term of patent 7 years.



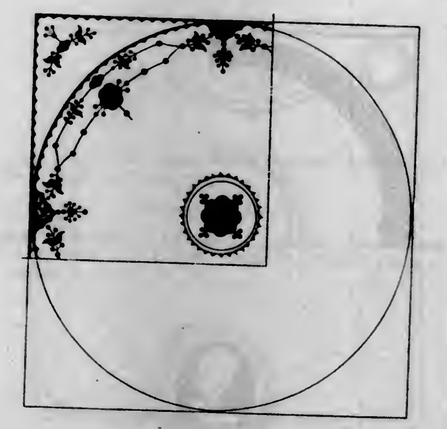
The ornamental design for a table-cover or analogous article, substantially as shown and described.

69,636. TABLE COVER OR ANALOGOUS ARTICLE. JOHN F. BURROUGHS, Baltimore, Md., assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,520. Term of patent 3½ years.



The ornamental design for a table-cover or analogous article, substantially as shown and described.

69,637. TABLE COVER OR ANALOGOUS ARTICLE. JOHN F. BURROUGHS, Baltimore, Md., assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,521. Term of patent 7 years.



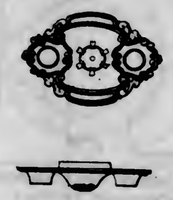
The ornamental design for a table-cover or analogous article substantially as shown and described.

69,638. TABLE COVER OR ANALOGOUS ARTICLE. JOHN F. BURROUGHS, Baltimore, Md., assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,522 Term of patent 7 years.



The ornamental design for a table-cover or analogous article, substantially as shown.

69,639. CEILING LIGHT FOR LIGHTING FIXTURES. FRANK S. CROWELL, Toledo, Ohio, assignor to The Edward N. Riddle Company, Toledo, Ohio, a Corporation of Ohio. Filed Jan. 31, 1925. Serial No. 12,229. Term of patent 7 years.



The ornamental design for a ceiling light for lighting fixtures, as shown.

69,640. PLATE OR SIMILAR ARTICLE. VICTOR DESSERT, Spokane, Wash. Filed Dec. 21, 1925. Serial No. 15,800. Term of patent 3½ years.



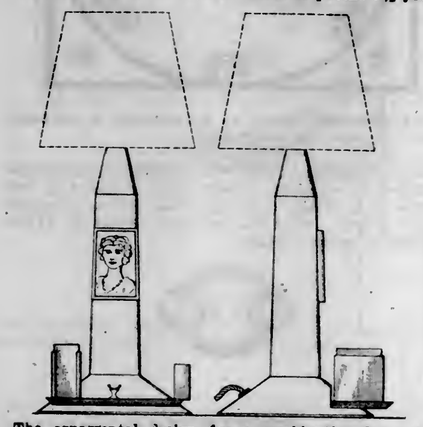
The ornamental design for a plate or similar article, as shown.

69,641. DECALCOMANIA SHEET. WALTER DE VILLE, East Liverpool, Ohio. Filed Feb. 11, 1925. Serial No. 12,342. Term of patent 3½ years.



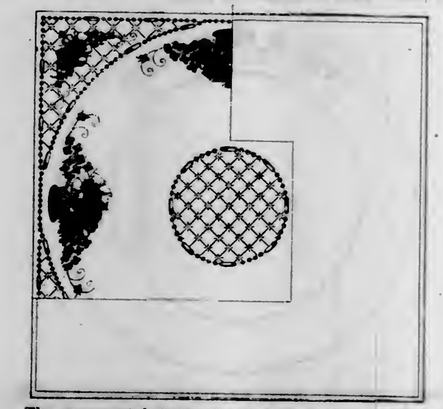
The ornamental design for a decalcomania sheet, as shown.

69,642. COMBINATION LAMP AND SMOKER'S STAND. HARRY V. G. DOHM, Chicago, Ill. Filed July 14, 1923. Serial No. 6,779. Term of patent 3½ years.



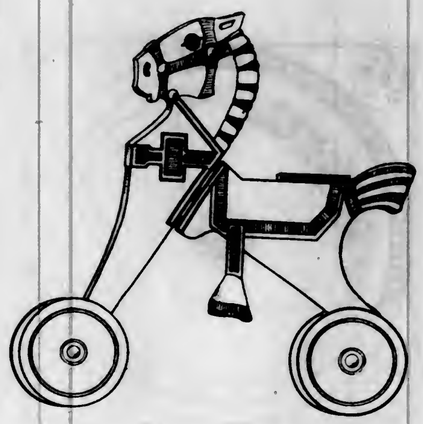
The ornamental design for a combination lamp and smoker's stand, as shown and described.

69,643. TABLE COVER OR ANALOGOUS ARTICLE. MARGUERITE W. DORR, East Elmhurst, N. Y., assignor to T. R. Goodlatte & Sons, (Inc.), Delawanna, N. J., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,517. Term of patent 7 years.



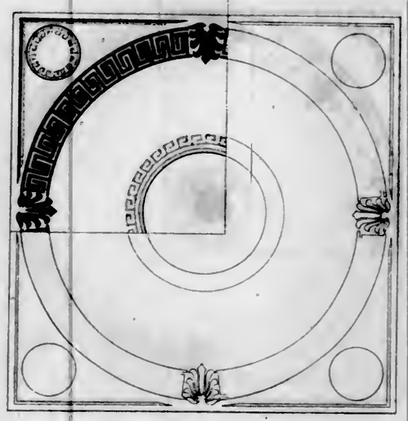
The ornamental design for a table-cover or analogous article, substantially as shown and described.

69,644. CHILD'S VEHICLE. HARRY W. DYER, New York, N. Y. Filed Aug. 21, 1925. Serial No. 14,553. Term of patent 7 years.



The ornamental design for a child's vehicle as shown.

69,645. TABLE COVER OR ANALOGOUS ARTICLE. GUSTAVE M. FAUSER, Ardsley-on-Hudson, N. Y., assignor to T. R. Goodlatte & Sons, (Inc.), Delawanna, N. J., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,518. Term of patent 3½ years.



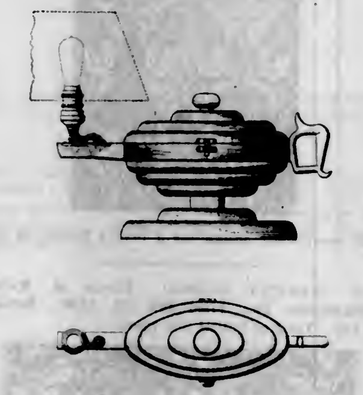
The ornamental design for a table-cover or analogous article, substantially as shown and described.

69,646. DOLL. ELIZABETH HELEN FISHER, Chicago, Ill. Filed Dec. 12, 1925. Serial No. 15,782. Term of patent 14 years.



The ornamental design for a doll, as shown.

69,647. COMBINED DESK SET AND LAMP STAND. STEPHAN GOLLOB, Boulder, Colo. Filed Oct. 19, 1925. Serial No. 15,180. Term of patent 14 years.



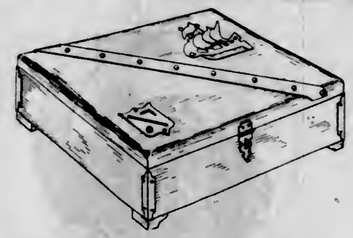
The ornamental design for a combined desk set and lamp stand, as shown.

69,648. BADGE. LAZURE L. GOODMAN, Indianapolis, Ind. Filed June 2, 1925. Serial No. 13,633. Term of patent 7 years.



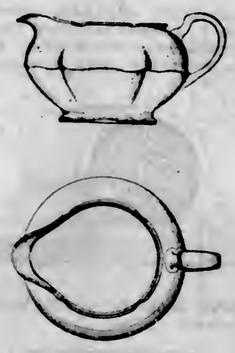
The ornamental design for a badge, as shown.

69,649. BOX. FRANCIS F. HAMILTON, Indianapolis, Ind. Filed Dec. 24, 1925. Serial No. 15,844. Term of patent 14 years.



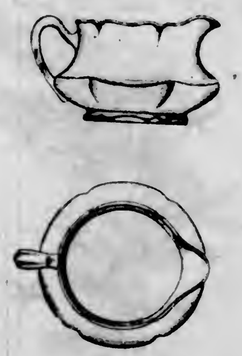
The ornamental design for a box, as shown and described.

69,650. PITCHER OR SIMILAR ARTICLE. GEORGE HAVILAND, Limoges, France. Filed Nov. 4, 1925. Serial No. 15,342. Term of patent 3½ years.



The ornamental design for a pitcher or similar article, as shown.

69,651. PITCHER OR SIMILAR ARTICLE. GEORGE HAVILAND, Limoges, France. Filed Nov. 4, 1925. Serial No. 15,343. Term of patent 3½ years.



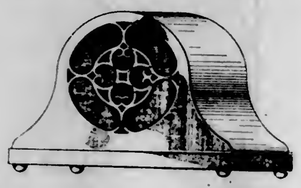
The ornamental design for a pitcher or similar article, as shown.

69,652. RADIO LOUD SPEAKER. OTTO HEINEMAN, New York, N. Y., assignor to General Phonograph Corporation, a Corporation of New York. Filed Jan. 28, 1925. Serial No. 12,171. Term of patent 7 years.



The ornamental design for a radio loud speaker substantially as shown.

69,653. RADIO LOUD SPEAKER. OTTO HEINEMAN, New York, N. Y., assignor to General Phonograph Corporation, a Corporation of New York. Filed Jan. 30, 1925. Serial No. 12,203. Term of patent 7 years.



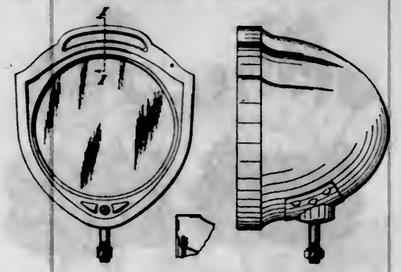
The ornamental design for a radio loud speaker substantially as shown.

69,654. TEXTILE FABRIC. SANG M. HO, New York, N. Y., assignor to May Chong Co. Inc., New York, N. Y. Filed Nov. 27, 1925. Serial No. 15,560. Term of patent 3½ years.



The ornamental design for textile fabric as shown.

69,655. HEADLAMP. EDWARD E. HUNTINGTON, Toledo, Ohio, assignor to The Willys-Overland Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 23, 1925. Serial No. 15,229. Term of patent 14 years.



The ornamental design for a headlamp substantially as shown.

69,656. TEXTILE FABRIC. FRANK M. KAUFMAN, Philadelphia, Pa. Filed Jan. 20, 1926. Serial No. 16,183. Term of patent 3½ years.



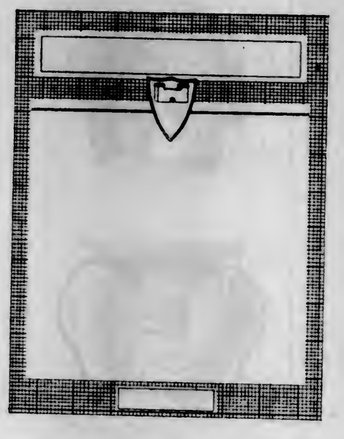
The ornamental design for a textile fabric, as shown.

69,657. TEXTILE FABRIC. FRANK M. KAUFMAN, Philadelphia, Pa. Filed Jan. 23, 1926. Serial No. 16,240. Term of patent 3½ years.



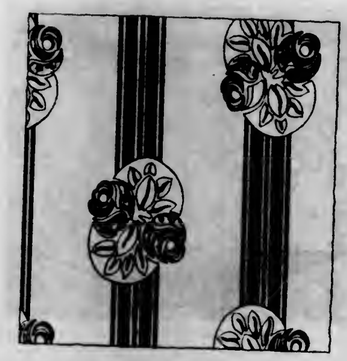
The ornamental design for a textile fabric, as shown.

69,658. FRONT PAGE FOR SERIAL PUBLICATIONS. ARTHUR W. KNIGHT, Los Angeles, Calif., assignor to The Celite Company, Los Angeles, Calif., a Corporation of Delaware. Filed Dec. 28, 1925. Serial No. 15,838. Term of patent 14 years.



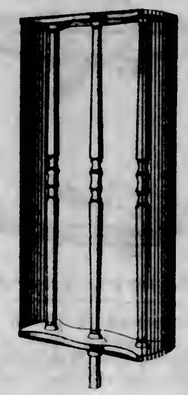
The ornamental design for a front page for serial publications, substantially as shown and described.

69,659. TEXTILE FABRIC. WILLIAM C. KORZINEK, Cliffside Park, N. J., assignor to Golding Bros. Company, New York, N. Y., a Corporation of New York. Filed Jan. 21, 1926. Serial No. 16,201. Term of patent 3½ years.



The ornamental design for a textile fabric, as shown.

69,660. RECEIVING LOOP. RALPH H. LANGLEY, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Dec. 12, 1925. Serial No. 15,731. Term of patent 14 years.



The ornamental design for a receiving loop, as shown.

69,661. HOLDER FOR TOILET ARTICLES. WILLIAM H. LESTER, Elgip, Ill., assignor to Elgin American Manufacturing Co., Elgin, Ill., a Corporation of Illinois. Filed Aug. 13, 1925. Serial No. 14,412. Term of patent 3½ years.



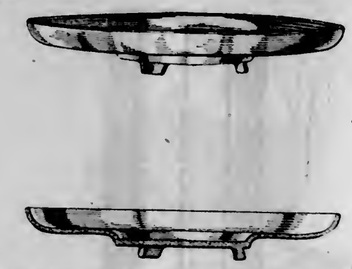
The ornamental design for a holder for toilet articles, substantially as shown.

69,662. VASE. WILLIAM H. MAGEE, Moundsville, W. Va., assignor to Fostoria Glass Co., Moundsville, W. Va., a Corporation of West Virginia. Filed Dec. 28, 1925. Serial No. 15,884. Term of patent 14 years.



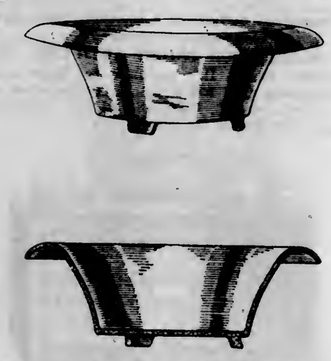
The ornamental design for a vase, as shown.

69,663. BOWL. WILLIAM H. MAGEE, Moundsville, W. Va., assignor to Fostoria Glass Co., Moundsville, W. Va., a Corporation of West Virginia. Filed Dec. 28, 1925. Serial No. 15,887. Term of patent 14 years.



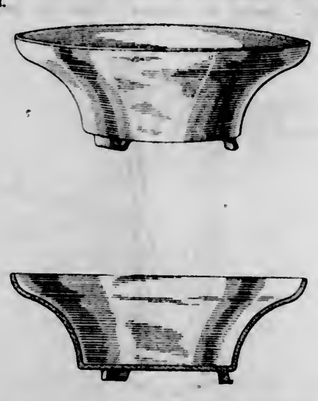
The ornamental design for a bowl, as shown.

69,664. BOWL. WILLIAM H. MAGEE, Moundsville, W. Va., assignor to Fostoria Glass Co., Moundsville, W. Va., a Corporation of West Virginia. Filed Dec. 28, 1925. Serial No. 15,888. Term of patent 14 years.



The ornamental design for a bowl, as shown.

69,665. BOWL. WILLIAM H. MAGEE, Moundsville, W. Va., assignor to Fostoria Glass Co., Moundsville, W. Va., a Corporation of West Virginia. Filed Dec. 28, 1925. Serial No. 15,889. Term of patent 14 years.



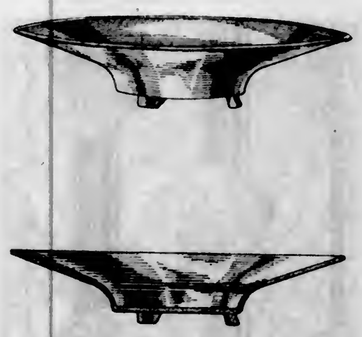
The ornamental design for a bowl, as shown.

69,666. BOWL. WILLIAM H. MAGEE, Moundsville, W. Va., assignor to Fostoria Glass Co., Moundsville, W. Va., a Corporation of West Virginia. Filed Dec. 28, 1925. Serial No. 15,890. Term of patent 14 years.



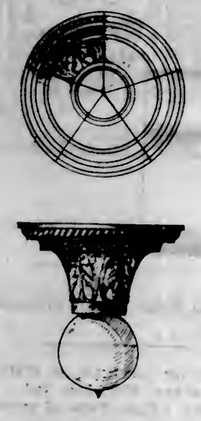
The ornamental design for a bowl, as shown.

69,667. BOWL. WILLIAM H. MAGEE, Moundsville, W. Va., assignor to Fostoria Glass Co., Moundsville, W. Va., a Corporation of West Virginia. Filed Dec. 28, 1925. Serial No. 15,891. Term of patent 14 years.



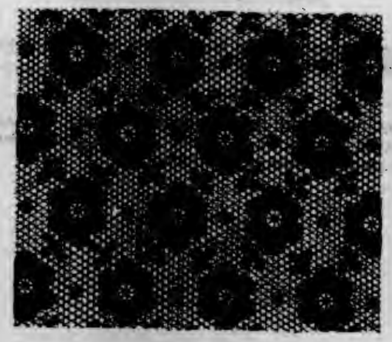
The ornamental design for a bowl, as shown.

69,668. ELECTRIC CEILING FIXTURE. WILLIAM OSTWALD, Chicago, Ill., assignor to Unique Lamp & Casting Company, a Copartnership consisting of Henry Goodfriend, William Christensen, and Alfred E. Larsen, Chicago, Ill. Filed Oct. 14, 1925. Serial No. 15,121. Term of patent 3½ years.



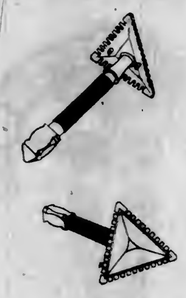
The ornamental design for an electric ceiling fixture, as shown.

69,669. LACE. SAMUEL H. PAGE, Stratford, Conn., assignor to The American Fabrics Company, a Corporation of Connecticut. Filed Dec. 30, 1925. Serial No. 15,907. Term of patent 3½ years.



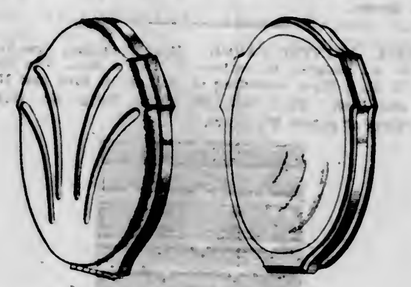
The ornamental design for lace substantially as shown.

69,670. SAFETY RAZOR. HERMAN L. PERLISH, Philadelphia, Pa. Filed Aug. 12, 1925. Serial No. 14,400. Term of patent 14 years.



The ornamental design for a safety razor, as shown.

69,671. VEHICLE HEADLIGHT HOUSING. WALTER D'ARCY RYAN, Schenectady, N. Y. Filed July 9, 1924. Serial No. 10,094. Term of patent 14 years.



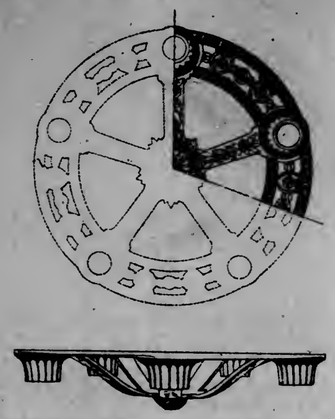
The ornamental design for a vehicle headlight housing as shown.

69,672. LIGHTING-FIXTURE BACKPLATE. HERMAN A. SAFION, New York, N. Y. Filed Dec. 5, 1925. Serial No. 15,650. Term of patent 3½ years.



The ornamental design for a lighting fixture backplate, as shown.

69,673. LIGHTING-FIXTURE PLATE. HERMAN A. SAFION, New York, N. Y. Filed Jan. 6, 1926. Serial No. 15,971. Term of patent 3½ years.



The ornamental design for a lighting fixture plate, as shown.

69,674. PRINTED FABRIC. ROBERT SCHEY, New York, N. Y., assignor to Nathan H. Rich & Bro., New York, N. Y., a Firm consisting of Nathan H. Rich and Maurice Rich. Filed Nov. 20, 1925. Serial No. 15,484. Term of patent 3½ years.



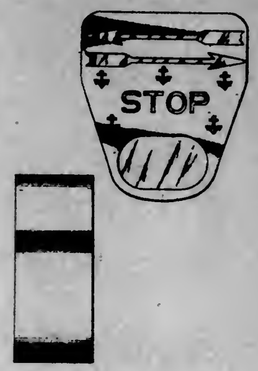
The ornamental design for a printed fabric as shown.

69,675. INCENSE BURNER. ROLAND F. SCHRODER and LOUIS S. SAKOLS, Milwaukee, Wis. Filed Jan. 6, 1926. Serial No. 15,960. Term of patent 7 years.



The ornamental design for an incense burner, as shown.

69,676. AUTOMOBILE SIGNAL-LIGHT CASING. IRVIN SHUTT, Bloomington, Ill. Filed Sept. 4, 1924. Serial No. 10,671. Term of patent 14 years.



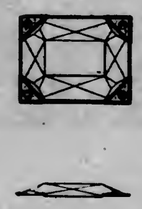
The ornamental design for an automobile signal light casing as shown.

69,677. BUTTON OR ARTICLE OF SIMILAR NATURE. CHARLES O. SNYDER, Richmond, Ind. Filed Sept. 14, 1922. Serial No. 8,719. Term of patent 3½ years.



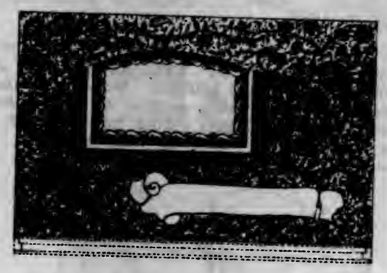
The ornamental design for a button, or article of similar nature, substantially as shown.

69,678. SETTING FOR FINGER RINGS. WILLIAM STURM, Newark, N. J. Filed Sept. 17, 1925. Serial No. 14,807. Term of patent 3½ years.



The ornamental design for a setting for finger rings, as shown.

69,679. TOP FOR CANDY BOXES. ALBERT R. THAYER, Boston, Mass., assignor to F. H. Roberts Company, Boston, Mass., a Corporation of Massachusetts. Filed Oct. 15, 1925. Serial No. 15,125. Term of patent 14 years.



The ornamental design for a top for candy boxes as shown.

69,680. PLATE FOR LIGHTING FIXTURES. GUSTAVE E. VILLARET, New York, N. Y., assignor to William R. Noe & Sons, New York, N. Y., a Corporation of New York. Filed Nov. 14, 1923. Serial No. 7,763. Term of patent 7 years.



The ornmental design for a plate for lighting fixtures, as shown.

69,681. AUTOMOBILE FLOWER VASE. DAVID WELLER, New York, N. Y. Filed Dec. 31, 1925. Serial No. 15,916. Term of patent 3½ years.



The ornamental design for an automobile flower vase, as shown.

69,682. HEADLIGHT LENS. THOMAS S. WRIGHT, Lancaster, Ohio. Filed Apr. 14, 1924. Serial No. 9,251. Term of patent 14 years.

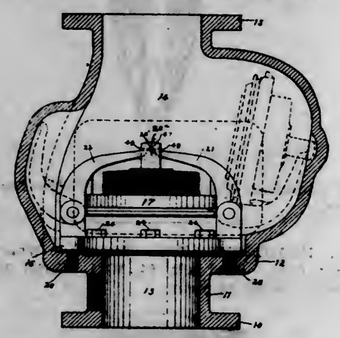


The ornamental design for a headlight lens as shown.

PATENTS

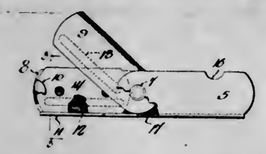
GRANTED MARCH 9, 1926.

1,575,607. DRY-PIPE VALVE. CHARLES ADAMS, Jr., Cliffside Park, N. J., assignor of one-half to Sydney Weston, New York, N. Y. Filed Aug. 13, 1921. Serial No. 492,058. 22 Claims. (Cl. 169—22.)



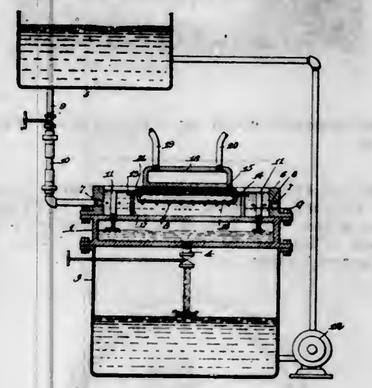
1. In combination, an air pressure chamber; a water pressure chamber; and self-contained valve mechanism for closing or opening communication between said chambers; the valve mechanism comprising a base member for supporting the operative parts of the valve mechanism in operative relation to each other, and for supporting the valve mechanism in operative relation to the water pressure and air pressure chambers; and comprising collapsible and extensible means for retaining when collapsed by pressure of air in the air pressure chamber the valve mechanism in locked position, and for permitting movement of the valve mechanism to open position by pressure from the water pressure chamber upon reduction of the pressure in the air pressure chamber and extension of said means.

1,575,608. BLADE HOLDER. LEON M. ALBERTY and WILLIAM J. FRANZ, Milwaukee, Wis., assignors to Razor Blade Knife Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Oct. 19, 1920. Serial No. 417,882. 2 Claims. (Cl. 30—10.)



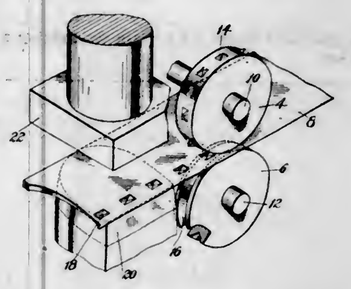
1. A razor blade knife for utilizing razor blades of standard form, said knife comprising blade clamping leaves for embracing and retaining the razor blade in position with one edge exposed, a substantially flat handle forming an envelope for receiving and enclosing said clamping leaves and blade, a pivotal connection between said handle and clamping leaves in close proximity to one end of said blade permitting said leaves to swing relative to said handle and to each other, and means adjacent the other end of said blade for normally maintaining a blade clamping pressure between said leaves.

1,575,609. METHOD OF AND APPARATUS FOR UNITING METALLIC BODIES. WILLIAM G. ALLAN, Toronto, Ontario, Canada, assignor to John P. Scott, Toronto, Ontario, Canada. Filed Nov. 10, 1923, Serial No. 674,047. Renewed Aug. 12, 1925. 23 Claims. (Cl. 113—112.)



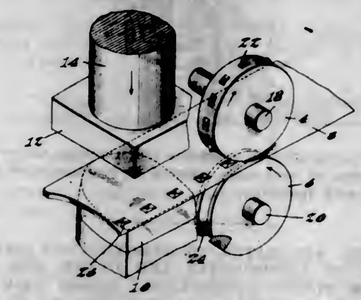
1. A method of securing one body to another, one of said bodies being superposed over the other, which comprises expanding one body relatively to the other, and uniting the bodies while said body is in its expanded condition.

1,575,610. SHOE PART AND THE TREATMENT OF SHOE PARTS. FRED ASHWORTH, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Mar. 21, 1919. Serial No. 284,068. 16 Claims. (Cl. 12—147.)



1. That improvement in methods of treating shoe parts having edge portions of different thicknesses which comprises deforming the relatively thin edge portions of the parts to provide spacing members thereon, and positioning the parts with the thick edge portions of adjacent parts in contact one above another and with the thin edge portions of adjacent parts separated by the spacing members.

1,575,611. MACHINE FOR FORMING WEDGE-SHAPED ARTICLES. FRED ASHWORTH, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Original application filed Mar. 21, 1919, Serial No. 284,068. Divided and this application filed July 28, 1925. Serial No. 46,586. 11 Claims. (Cl. 12—42.)



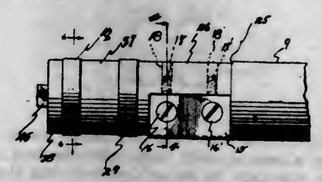
1. In a machine of the class described, a feed roll for feeding sheet material, dies on the feed roll for producing projections along one edge of the sheet material, and means for cutting heel lifts from said material to include one or more projections on each lift, the spacing of the projections being such as to insure that the projections on some of the lifts are positioned differently from those on other lifts.

1,575,612. CAN OPENER. GEORGE M. BATTEY, Jr., Washington, D. C. Filed June 5, 1924. Serial No. 718,111. 3 Claims. (Cl. 30—3.)



1. A can opener comprising a hand hold block formed of separable upper and lower members, yieldable retaining means for joining said members, a centering pivot mounted on the lower block member, a cutter spaced apart from said centering pivot and adapted to cause the cutter to traverse an arc of a circle during the cutting operation.

1,575,613. REAMER. KARL BECHHEIM, Detroit, Mich. Filed Nov. 19, 1923. Serial No. 675,656. 3 Claims. (Cl. 77—75.)



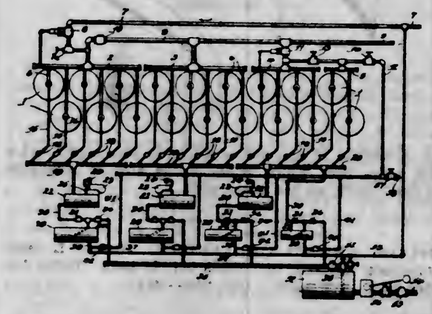
1. A reamer comprising a shank; a head of less diameter than said shank mounted thereon; a cutting element mounted on said head; yieldable pilot members associated with said head for operating as a pilot for said cutting member; and resilient means for maintaining said pilot members in outwardly pressed position.

1,575,614. ADJUSTABLE SUPPORT FOR FLAGS. JACOB B. BLAW, Atlantic City, N. J. Filed Sept. 5, 1925. Serial No. 54,716. 2 Claims. (Cl. 248—37.)



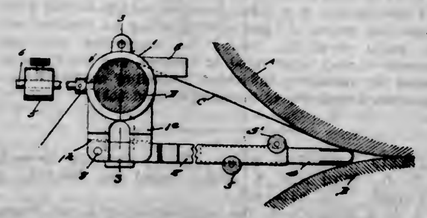
1. An adjustable support for flags comprising a plurality of segments, means for fastening the segments together, a socket member provided with an aperture extending therethrough with a lug on its outer surface and extending at right angles to said socket member, the lug of the socket member adapted to be clamped between the adjacent ends of two of said segments, the position of the lug on the socket member permitting a flagstaff to extend completely through said socket member and bear against the surface to which the support is secured to thereby brace the said flagstaff.

1,575,615. HEATING SYSTEM FOR PAPER DRIERS. ARTHUR E. BROUGHTON, Minneapolis, Minn. Filed Mar. 15, 1924. Serial No. 699,464. 12 Claims. (Cl. 34—48.)



1. The combination with a paper making machine having a plurality of drying rolls arranged in groups, of means for supplying steam at differing pressures to the rolls of the several groups, and means for withdrawing condensate from said rolls comprising, a header, pipes severally communicating at one end with said rolls and at the other end with said header, and check valves arranged in said pipes to prevent back pressure in said pipes and to allow fluid to be drawn by gravity from said rolls to said header.

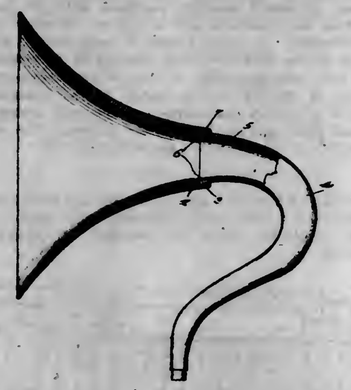
1,575,616. RUBBER-TRIMMING DEVICE. JAMES W. BRUNDAGE, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Aug. 3, 1925. Serial No. 47,831. 5 Claims. (Cl. 164—89.)



1. The combination with means for applying rubber coatings to fabric strips, including a rotating platen member, of a rotating shaft member, a bracket member

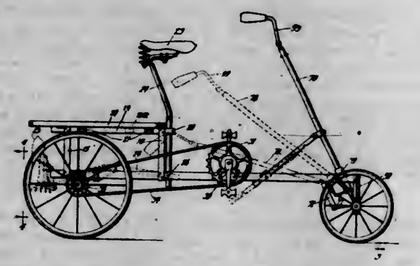
having an internally threaded hub mounted upon a smooth portion of said shaft member, a trimming knife cooperating with said platen member, and means for causing said knife to be pressed against the platen member.

1,575,617. COMPOSITE HORN AND METHOD OF MAKING SAME. GEORGE W. BULLEY, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Sept. 3, 1925. Serial No. 54,801. 7 Claims. (Cl. 18—59.)



1. A method of assembling a plastic bell mouth and a rigid goose neck which includes the step of shrinking the bell mouth on the goose neck.

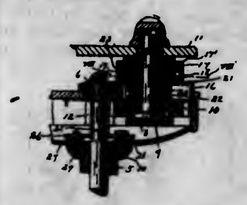
1,575,618. CHILD'S TOY VEHICLE. GEORGE L. BURLINGAME, Chicago, Ill. Filed Oct. 1, 1921. Serial No. 504,582. 8 Claims. (Cl. 208—32.)



1. In a child's toy vehicle of the character described, the combination of a pedal propelled vehicle having pedal propelling means and push-car including an elevated seat for pedal propelling, means for supporting said seat whereby it may be elevated or lowered, and clutch mechanism for rendering the pedal propelling mechanism inoperative responsive to lowering of said seat.

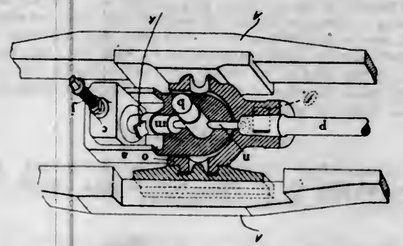
1,575,619. FISHING REEL. PLINY CATUCCI, Newark, N. J. Filed Aug. 8, 1924. Serial No. 730,815. 3 Claims. (Cl. 242—84.1.)

1. In a fishing reel, the combination of a reel frame, a head plate, a back plate a spool mounted to rotate in bearings in said head and back plates, a driving gear upon said head plate, a detachable pinion mounted upon the spindle of said spool for engaging said gear, and means for operatively connecting said pinion with said spool comprising a disc rigidly secured to said pinion and



having a plurality of apertures therethrough, and a pin in the end of said spool adapted to be inserted in any one of said apertures.

1,575,620. APPARATUS FOR REMOVING THE PISTON ROD OF LOCOMOTIVES AND OTHER ENGINES FROM PISTON CROSSHEADS. GILBERT CHAMBON, Paris, France. Filed Dec. 21, 1923. Serial No. 681,967. 4 Claims. (Cl. 29—86.1.)



1. An apparatus for ejecting piston rods from crossheads, comprising, in combination, a yoke member adapted to be seated within the crosshead, removable means passing transversely through said yoke and crosshead for securing them together, a member slidable in said yoke and securing means and adapted to contact with the end of the piston rod, a hydraulic device removably carried by said yoke member and adapted to operate said slidable member thereby to exert pressure on the piston rod in the direction of its axis, and means operating at right angles to the direction of movement of said slidable member for actuating said hydraulic device.

1,575,621. LIGATURE FOR CLARINET AND SAXOPHONE MOUTHPIECES. HIPPOLYTE MARIUS CHIRON and FREDERIC PARME, New York, N. Y. Filed Jan. 31, 1923. Serial No. 616,128. 1 Claim. (Cl. 84—383.)



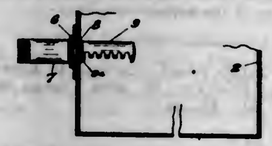
A ligature for clarinet and saxophone mouth pieces comprising a pair of split rings, side members joining said rings, lugs rigid on the split ends of said rings and provided with sockets, said lugs being arranged in pairs, one lug of each pair having a threaded opening, the opposite lug having a plain opening, each pair of lugs having a space therebetween, an arcuate body having a projection thereon, said projections being adapted to be inserted between the pairs of lugs and each projection having an opening therein adapted to align with the openings in the lugs, teeth on the lower surface of said arcuate body extending laterally of the rings, said teeth being adapted to contact with the surface of a reed on the clarinet or saxophone, and a thumb screw passing thru each pair of sockets and the opening in each projection of the body for retaining said body in place above the reed.

1,575,622. CLASP. PATRICK J. COFFEY, Chatham, N. J. Filed Apr. 23, 1924. Serial No. 708,385. 5 Claims. (Cl. 24—241.)



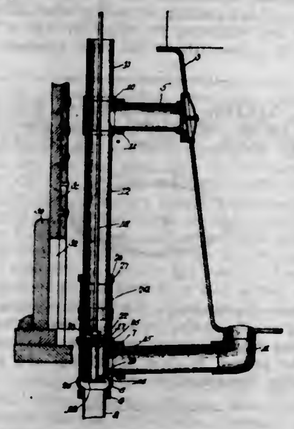
1. In a clasp, a hook, a spring lip normally in contact with the free end of said hook, and a lever for depressing the spring lip, and maintaining the same in depressed condition.

1,575,623. TANK-DISCHARGE DEVICE. RUDOLPH CONRADER, Erie, Pa. Filed July 21, 1921. Serial No. 486,462. 8 Claims. (Cl. 210—170.)



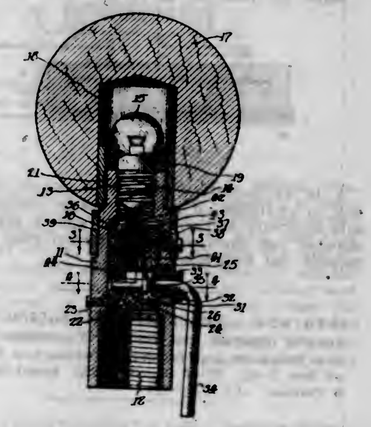
1. A tank discharge strainer having an end adapted to be inserted through a horisontal discharge pipe opening in the tank a distance from the walls of the tank, said strainer being closed at the top and having fingers on the side and being unobstructed at the bottom.

1,575,624. FITTING FOR BATHTUBS AND THE LIKE. HOWARD DE CORBEVONT, Chicago, Ill. Filed Mar. 3, 1923. Serial No. 622,473. 7 Claims. (Cl. 4—199.)



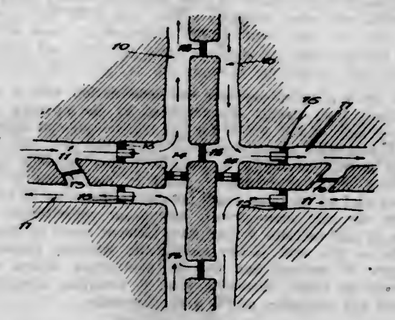
1. In a drain installation, the combination of a drain pipe, a drain valve, an operating connection extending upwardly from the valve, and an overflow pipe connected to the drain pipe comprising a fixed upper pipe section around the operating connection and a lower pipe section adjacent the valve and slidable upwardly on the fixed section, the lower section when raised providing an opening through which the valve may be removed laterally without removing the fixed section or the drain pipe.

1,575,625. ILLUMINATED GEAR-SHIFT-LEVER BALL. HENRY G. DIEBLKA, Chicago, Ill., assignor to The Kingsley-Miller Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 19, 1925. Serial No. 63,256. 5 Claims. (Cl. 740—7.1.)



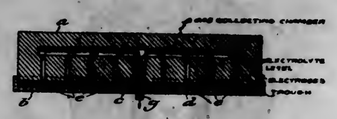
1. In a gear-shift lever attachment of the character described, the combination of a hollow adapter designed to be mounted on the lever, an electric-lamp bulb socket on said adapter, a hollow ball on said adapter to enclose a bulb in said socket, an electric-conductor entering said adapter through its side wall, an electric-switch in said adapter in the circuit of said conductor and bulb, means on the exterior of said adapter to operate said switch, and means to prevent the switch from being jarred out of the position in which it has been set.

1,575,626. SAFETY APPARATUS FOR USE IN MINES. HENRY WALDEMAR HAAPANEN, Sturgis, Ky. Filed Apr. 1, 1924. Serial No. 703,497. 7 Claims. (Cl. 262—34.)



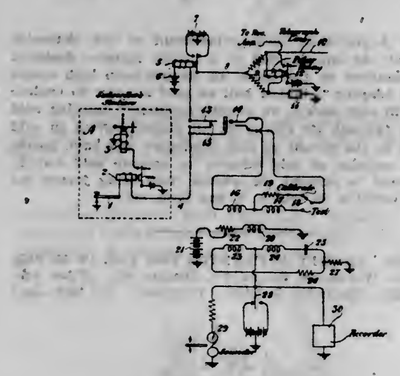
1. A safety apparatus for use with mines having workings and approaches thereto comprising a door framing in each approach, a door hingedly mounted on said frame, means for limiting the movement of the door to closed position, a control shaft, a frame on which said control shaft is rotatably mounted, door engaging lugs fixedly connected to said shaft, pressure plates fixedly connected to said shaft, oppositely extending arms connected to said shaft, weights and connecting elements between the weights and the arms whereby the shaft is held in such position that the lugs engage the door to hold the same elevated in open position.

1,575,627. ELECTRODE FOR USE IN THE ELECTROLYTIC EVOLUTION OF GASES. ERNST HEINZE, Leverkusen, near Cologne, Germany, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine. Filed Dec. 10, 1924. Serial No. 755,083. 15 Claims. (Cl. 204—4.)



1. In an electrolytic cell for production of gases, a pair of electrodes in gas-tight spaced relation, one of said electrodes having within the same a gas collecting chamber and passages leading thereto from the space between the electrodes.

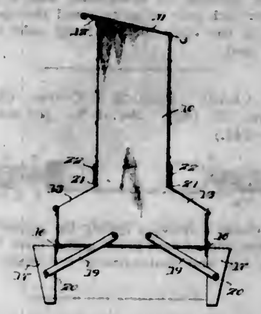
1,575,628. TELEGRAPH SIGNALING SYSTEM. JOSEPH HERMAN, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 7, 1923. Serial No. 679,229. 5 Claims. (Cl. 178—2.)



1. In a telegraph system, the combination with a subscriber's loop circuit characterized by the opening and the closing of the circuit for the transmission of signals, of a polarized monitoring relay connected with the said loop circuit having a sectionalized line winding, each section being substantially equal in magnitude to the other and all sections being normally effectively in series with the said loop circuit, means for substituting for one of said sections a resistance element equal in magnitude to the said section, a biasing winding having a source of current and current controlling means connected in series therewith, and a vibrating circuit to effect the vibration of the relay armature.

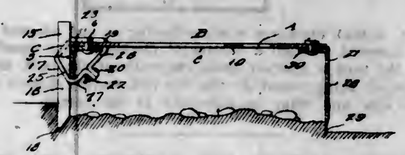
1,575,629. FEED BOX. WILLIAM H. JENKINS, Detroit Park, Mich. Filed Dec. 10, 1923. Serial No. 679,742. 1 Claim. (Cl. 119—52.)

A poultry feeder of the character described comprising a hopper including a relatively narrow upper portion and a relatively wide outwardly and downwardly extending lower portion, longitudinally extending plates hinged to the upper sides of the relatively wide lower portion, a plurality of spaced parallel bars secured to the lower ends of the narrow upper portion and across the width of the lower portion beneath the hinged plates, a pair of substantially wedge shaped legs pivotally secured to the lower and outer sides of the wide lower portion, pairs of braces pivotally secured to the sides of the hopper



and adapted to engage and hold the legs at an upright position, a plurality of spaced parallel bars secured to the outer sides of the legs, and a hinged cover arranged upon the top of the hopper.

1,575,630. ROAD DRAG. DEVILLO D. KINNEY, Springfield, Ill. Filed Oct. 21, 1924. Serial No. 744,967. 1 Claim. (Cl. 55—94.)



The combination with an angle-bar and a V-shaped in cross section tooth, of a clamp provided with a V-shaped portion adapted to embrace and conform to the tooth, upwardly and downwardly extending arms formed with the clamp and embracing the angle-bar, and a fastening retaining the extremitits of the arms together.

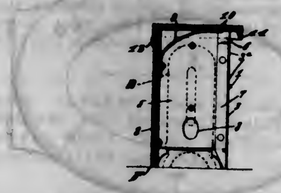
1,575,631. GARTER. ETHEL LARIMORE, Barberton, and VIOLET FRAME, Akron, Ohio. Filed Sept. 25, 1925. Serial No. 58,616. 2 Claims. (Cl. 241—5.)



1. A garter for forming a roll at the top of a stocking, comprising a tube having its ends connected together to form a ring-shaped member, with the tube inflated sufficiently to prevent it from collapsing, and the garter being flexible throughout its length.

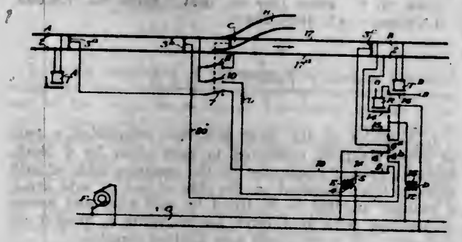
1,575,632. RADIATOR COVER. EUGENE D. LEWIS, Bessemer, Ala. Filed Nov. 21, 1923. Serial No. 676,129. 1 Claim. (Cl. 257—136.)

A radiator cover comprising a casing shaped to conform to the radiator in connection with which it is to be used, said casing having an imperforate rear wall extended to and fitting snugly against the floor while the end walls thereof have openings at their lower ends for the ingress of cold air, a top for said casing overhanging the end and front walls of the casing, said front wall having an opening at its upper end and located under and concealed by the overhanging top, the end, rear, and top walls of the casing being asbestos lined and air-tight to conserve the heat and direct it through the opening in the front wall, a deflector for directing



the heat out through said openings, said front wall having apertures adjacent said opening and imperforate below said apertures, the lower end of said front wall having a draft opening whereby a perfect and complete circulation and draft through the casing is provided.

1,575,633. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. RONALD A. MCCANN, Swissvale, Pa., assignor to Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Sept. 8, 1925. Serial No. 54,933. 2 Claims. (Cl. 246—34.)

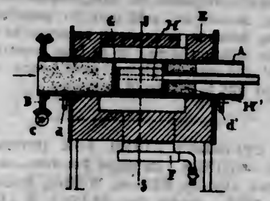


1. In combination, a section of railway track containing a switch, means operating when said switch is in normal position to supply train governing current to the rails of said section in multiple from the entrance end to the exit end if traffic conditions in advance of the section are safe but only from the entrance end to a point in the rear of said switch if traffic conditions in advance of the section are unsafe, said means operating when said switch is reversed to supply train governing current to the rails of said section from said switch to the exit end if traffic conditions in advance of the section are safe but to prevent the supply of said train governing current to any portion of said section when the switch is reversed and traffic conditions in advance of the section are unsafe.

1,575,634. PROCESS OF PURIFYING ALUMINUM NITRATE. THOR MEJDELL, Skoien, near Christiania, and ØYSTEIN RAVNUM, Christiania, Norway, assignors to Norsk Hydro-Elektrisk Kvaelstofaktieselskab, Christiania, Norway. Filed Feb. 27, 1922. Serial No. 539,696. 4 Claims. (Cl. 23—102.)

1. Process of separating aluminum nitrate from iron compounds comprising mixing a hot solution of aluminum nitrate with a relatively cold solution of aluminum nitrate, at least one of said solutions containing an iron compound, said solutions being sufficiently concentrated and at such temperatures that aluminum nitrate crystallizes from the mixture.

1,575,635. APPARATUS FOR CASEHARDENING SMALL OBJECTS. GEORGES ANTONY HENRI MÉRIEL, Courbevoie, France. Filed Feb. 17, 1925. Serial No. 9,857. 8 Claims. (Cl. 236—7.)



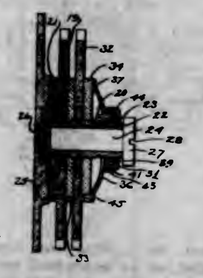
1. Apparatus for case-hardening small objects, comprising a furnace having a heating chamber; a metal tube extending axially through said chamber and having its central portion disposed within the same, said tube being open at one end and constituting, with the furnace, a pair of companion elements, one of which is adapted to be positively rotated; mechanism for driving said rotatable element; a removable cementation basket for containing the objects to be treated adapted to be inserted into and withdrawn from the tube through the open end thereof; and means for positioning said basket in the said central portion of the tube.

1,575,636. MINER'S SAFETY LAMP. HEINRICH MEYER, Hiddesen, near Detmold, Germany. Filed Mar. 21, 1925. Serial No. 17,271. 3 Claims. (Cl. 240—10.5.)



1. A safety lamp comprising a casing, a transparent hood on said casing, a light source mounted on said casing and located within the hood, a side reflector pivotally mounted on said casing and normally below the light source to allow light to pass in all directions through the hood and means operable from the outside of the hood for moving the reflector into or out of position for reflecting light through one side portion of the hood and covering the opposite portion of the hood.

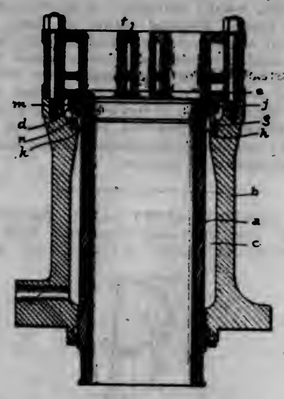
1,575,637. AUTOGRAPHIC REGISTER. GEORGE J. NETH, Dayton, Ohio, assignor to The Egry Register Company, Dayton, Ohio, a Corporation of Ohio. Filed Oct. 6, 1922. Serial No. 592,712. 2 Claims. (Cl. 64—99.)



1. In an autographic register, a clutch consisting of driving and driven gears and clutch plates on opposite sides of the gears, means to support said gears and clutch plates in cooperative relation, means to maintain

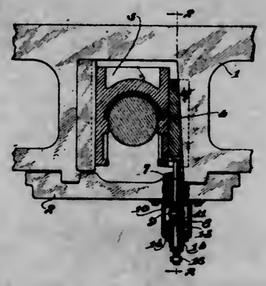
said gears and clutch plates in engagement with one another until a predetermined force is applied when they are adapted to slip upon one another including a yielding member mounted on one side of said clutch, an adjustable nut to regulate the compression on said yielding member, means on said nut to positively engage said yielding member to prevent rotation of the latter, means on the yielding means to in turn positively engage with one of the clutch plates, and means to position and lock said nut in adjusted positions.

1,575,638. CYLINDER LINER FOR INTERNAL-COMBUSTION ENGINES. BEDRICH POCHOBRADSKY, Sidcup, and GEORGE ARTHUR MELLOR, Welling, England. Filed Mar. 21, 1925. Serial No. 17,174. 3 Claims. (Cl. 123—173.)



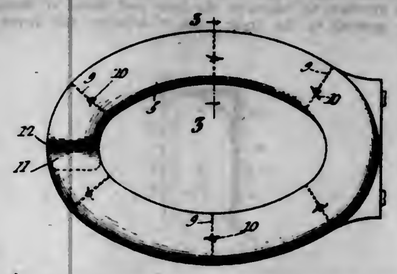
1. An improved cylinder liner for an internal combustion engine having an annular recess in the end thereof to receive the spigot on the cylinder head, and a supporting shoulder having a coaxial flange adapted to rest on an annular projection formed in the cylinder jacket directly below and coaxial with the cylinder head spigot.

1,575,639. EQUALIZING WEDGE ADJUSTER. THOMAS M. PRICE, Raleigh, N. C. Filed July 30, 1925. Serial No. 47,020. 4 Claims. (Cl. 105—81.)



2. A support for driving box wedges including a slidably-mounted rod on which said wedge is secured, an abutment on said rod, a pair of opposed spring devices associated with said rod and abutment, and means for longitudinally adjusting the position of said rod and wedge.

1,575,640. TOILET-SEAT CUSHION. THOMAS H. RAGLAND, Texarkana, Tex. Filed Aug. 14, 1923. Serial No. 657,386. 1 Claim. (Cl. 4—242.)



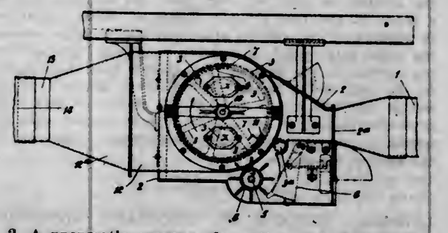
A seat cover comprising a circular split body portion comprising strips of cloth material sewed together at their edges, padding material positioned between the strips of cloth material to provide a cushion, flexible securing members secured to the edges of the body portion and adapted to be secured arodnd a seat to hold the seat cover in position, the ends of the strips at one end of the body portion being sewed together to provide a tongue adapted to fit under the opposite end of the body portion to provide an adjustable protector and cover.

1,575,641. CABIN-DOOR CHECK. KARL RUMRICH, New York, N. Y. Filed July 10, 1924. Serial No. 725,099. 4 Claims. (Cl. 292—263.)



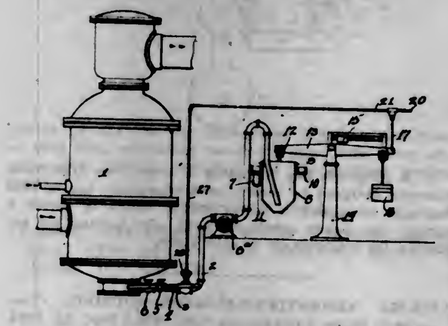
1. A device of the class described comprising a pair of arms pivotally connected to each other by a block, brackets pivotally mounted on the opposing ends of said arms, a lever mounted on the side of one of said arms, a plunger adapted to be lifted by said arm, and means cooperating with said lever for engaging a bracket on the same arm to lock said arm against rotation.

1,575,642. PNEUMATIC CONVEYER FOR COTTON AND SIMILAR MATERIALS. JAMES LEVER RUSHTON, Bolton, England. Filed Aug. 5, 1924. Serial No. 730,167. 2 Claims. (Cl. 19—75.)



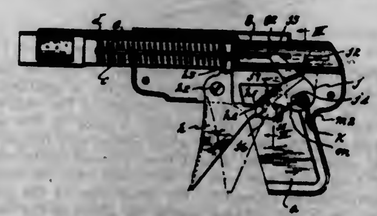
2. A pneumatic conveyer for cotton and similar materials having a delivery box, a supply inlet in said delivery box, through which air and material to be treated are drawn, a fixed shaft mounted transversely of said delivery box, a perforated cylinder rotatably mounted on said shaft, a damper fixed upon said shaft and within said cylinder, a guide roller transversely mounted in said delivery box adapted to rotate in contact with said cylinder, and to press the incoming material into contact with said cylinder, a stripping roller below said guide roller rotated oppositely to said cylinder, a pivoted door behind said stripping roller, means for operating said door to allow the ejection of the stripped material from time to time, chambers in said delivery box embracing the ends of said cylinder, air trunks connected to said chambers and to an air exhauster, a clearer roller mounted within said cylinder at the front end of said damper, said clearer roller being in frictional contact with the inside face of said cylinder, and rotated by said frictional contact to remove adhering particles therefrom, hand holes with detachable covers, in the walls of said chambers adjacent the ends of said cylinder.

1,575,643. APPARATUS FOR AUTOMATICALLY CONTROLLING THE SPECIFIC GRAVITY OF FLUIDS. EMILE F. SALICH, Chicago, Ill. Filed Oct. 28, 1921. Serial No. 511,031. 12 Claims. (Cl. 159—44.)



1. In an apparatus of the class described, a pivotally supported scale beam, a receptacle supported upon one end of the scale beam, means for balancing said scale beam when said receptacle contains a predetermined quantity of fluid of a predetermined density, an evaporator, a pipe line connected to said evaporator and emptying into said receptacle, a by-path connecting said evaporator and pipe line, a valve in said pipe line, an air line, a diaphragm connecting said air line and valve, a valve in said air line and means connecting said last mentioned valve and scale beam.

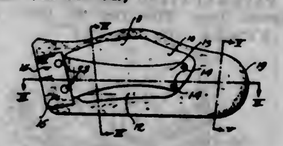
1,575,644. PISTOL. WILLIAM F. SCHMIDT, Wyandotte, Mich., assignor to All Metal Products Company, Wyandotte, Mich., a Corporation of Delaware. Filed Apr. 16, 1925. Serial No. 23,578. 5 Claims. (Cl. 124—10.)



1. In an apparatus of the kind described, the combination of a lever, a trigger piece adapted to actuate said lever, said lever being provided with a slot, a pivot pin for said lever extending through said slot, the said lever and trigger piece being relatively so arranged that the trigger piece shall actuate said lever and pass by the same in its motion in one direction and shall contact said lever and force it out of the way to allow the return of said trigger piece on its motion in the other direction, said movements being permitted by the relative movement of the pin in said slot.

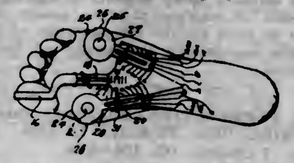
4. In an apparatus of the kind described, the combination of a sheet metal retracting lever and a trigger piece, said lever and trigger piece having pointed projections extending toward each other, the point of the trigger piece being adapted to engage said lever on both sides of said point, the metal of said lever being turned up to form flanges on both sides of said point joining at the point.

1,575,645. ARCH SUPPORT. WILLIAM M. SCHOLL, Chicago, Ill. Filed Apr. 2, 1925. Serial No. 20,050. 2 Claims. (Cl. 36—71.)



1. An arch support comprising a resilient metal spring plate sufficiently wide to underlie the tarsal and metatarsal bones of the foot, said plate curved longitudinally throughout its length and curved outwardly and transversely at its inner edge near its longitudinal mid-portion, said plate terminating rearwardly in front of the tuberosity location of the oscalcis; a spring plate underlying said arch-plate, curved longitudinally on a longer radius than the radius of the longitudinal curve of the arch-plate, said plates connected together at their rear ends; a pad connected to the front end of the spring-plate for underlying the metatarsal and sesamoid bones of the foot and a flexible covering for said plates terminating near the front edge of said pad and at the rear boundary of the shoe heel, said pad and the front edge of said cover-plate enclosing the front ends of said arch-plate and spring-plate.

1,575,646. FOOT-MEASURING DEVICE. WILLIAM M. SCHOLL, Chicago, Ill. Filed Apr. 24, 1925. Serial No. 25,481. 3 Claims. (Cl. 33—3.)



1. A shoe measuring device comprising a plate having a socket to receive the heel of a foot with a vertical flange in the rear of the socket; two slidable and pivoted adjustable arms, one on each side of the transverse center of said plate, each arm having a part to engage the sides of a foot near the respective metatarsals thereof; and means for holding said arms in adjusted positions.

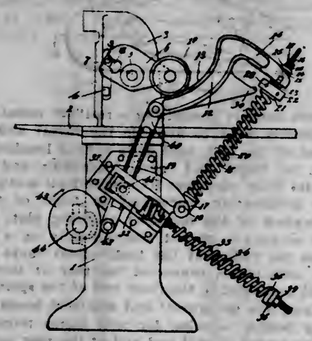
1,575,647. LOCK DEVICE FOR REFRIGERATOR DOORS. THOMAS O. SCHRADER, Allentown, Pa., assignor to Dent Hardware Co., Fullerton, Pa., a Corporation of Pennsylvania. Filed June 30, 1925. Serial No. 40,474. 3 Claims. (Cl. 292—332.)



1. In a device of the character stated a fixed structure having an opening, a door for closing said opening, a keeper having a pin projecting laterally from its

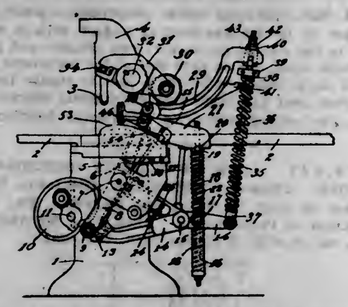
former wall and a rear cam riding surface and a bottom recessed portion, a locking member for said door comprising a pivotal handle having a projected tongue in substantial alignment with the handle, said handle having an upper cam arranged at an angle to said handle and tongue whereby closing of said door causes said cam to be engaged by said pin to tilt said handle and to cause said tongue to engage said bottom recessed portion to automatically lock said door.

1,575,648. PAPER-CUTTING MACHINE. CHARLES SEYBOLD, Dayton, Ohio. Filed Oct. 24, 1923. Serial No. 670,571. 8 Claims. (Cl. 164—51.)



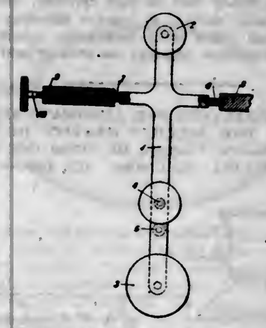
1. In a device of the character specified, a paper support, and a clamp bar to hold the paper pile on the paper support, mechanism for operating the clamp bar to move it to the paper support, power means for actuating said mechanism, a resilient means operating upon said mechanism at one point to hold the clamp under tension on the paper pile and through which resilient means the ultimate clamp pressure is applied, with resilient means at another point to permit the clamp mechanism to yield for the full operation of the power means while maintaining the tension of the first resilient means.

1,575,649. PAPER-CUTTING MACHINE. CHARLES SEYBOLD, Dayton, Ohio. Filed Apr. 12, 1924. Serial No. 706,188. 7 Claims. (Cl. 164—51.)



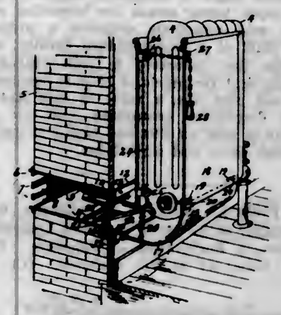
1. In a device of the character specified, a paper support and a clamp bar to hold the paper pile on the support, a rock lever and connection therefor with the clamp to operate same, a spring operating on the rock lever to hold the clamp bar under spring tension and through which the ultimate clamp pressure is applied, a lever pivoted on the rock lever for actuating the same to apply the tension, and a power means to actuate the rock lever, while permitting the full operation of the power means.

1,575,650. TELEGRAPH KEY. ROY B. SHANCK, Woodside, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Apr. 14, 1923, Serial No. 632,147. Renewed Oct. 5, 1925. 14 Claims. (Cl. 178—101.)



1. A telegraph key including a lever, two trunnions, bearings designed to receive said trunnions, one of said bearings containing a recess within which is seated a spring, and means associated with said bearing for adjusting the compression of said spring.

1,575,651. REHEATING-RADIATOR HOUSING. CLARENCE C. SHIPP, Indianapolis, Ind. Filed Sept. 15, 1924. Serial No. 737,724. 9 Claims. (Cl. 257—135.)

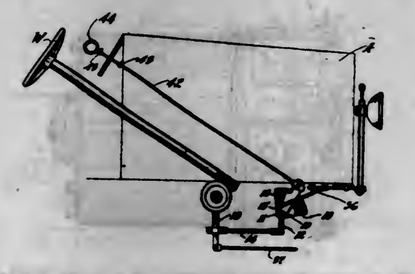


8. The combination, with a radiator, a vertical radiator housing open at its top and bottom, a wall-box, a damper in the box, a box-base connecting the wall-box with the lower end of the housing, a door in the box-base substantially horizontal when closed and hinged at its rear edge to the box, a bent lever pivoted at the bend, a link connecting one arm of the lever with the damper, elastic means connecting the other arm of the lever with the door and manual means for shifting the lever to change the positions of the damper and door.

1,575,652. AUTOMOBILE SIGNALING DEVICE. GEORGE M. SNODGRASS, Springfield, Mo. Filed Nov. 6, 1923. Serial No. 673,144. 2 Claims. (Cl. 177—337.)

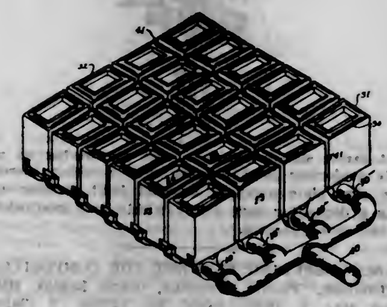
1. In a direction indicator for automobiles having a battery and a steering mechanism, a pair of direction indicating lamps, a swivelling spot lamp, a circuit for each of said lamps including said battery, manually controlled means for simultaneously shifting the position

of the spot light and closing the battery circuit thereof, said means also serving to close a circuit through a respective direction indicating lamp, and means con-



trolled by the steering mechanism including a portion of said first mentioned means to open both lamp circuits upon turning movement of the steering mechanism.

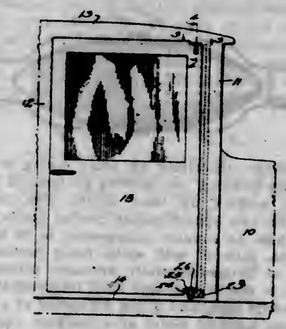
1,575,653. GAS BURNER. PHILIP J. SONNER, Moline, Kans. Filed July 27, 1925. Serial No. 46,348. 3 Claims. (Cl. 158—106.)



1. In gas burners, a box-like element including four side members and a bottom member but open at the top, a tubular element centrally and vertically arranged as a part of the bottom of said box-like element and extending above and below said bottom; post elements one for each corner of said box-like element; a cover element having a depressed central portion and upwardly and outwardly flaring edge portions supported by said post elements; gap spacings as gas orifices between the edges of the cover element and the top edge portions of the four sided element; an inverted box-like element integral with the base of said cover element arranged above the tubular portion of the first mentioned box-like element.

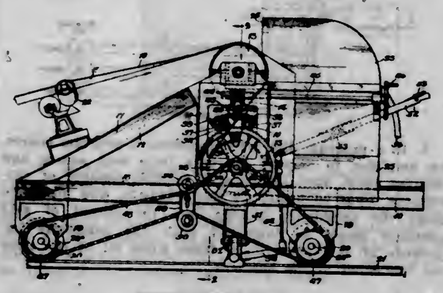
1,575,654. VEHICLE DOOR CONSTRUCTION. VINCENT SOUKUP, Laurens, Iowa. Filed Oct. 10, 1924. Serial No. 742,818. 3 Claims. (Cl. 296—44.)

1. In a vehicle door construction, a vehicle body including a door frame, an outer rearwardly extending flange forming a continuation of the outer surface of the door frame at its forward side, a door hinged to the frame near its forward edge in such manner as to have its forward edge concealed by the flange when it is in closed position, and a flange on the upper, lower and



rear edges of the door adapted to overlap the door frame when the door is closed, the flanges on the upper and lower edges terminating short of the hinge axis.

1,575,655. CONVEYING APPARATUS. LEWIS A. STINSON, Oak Park, Ill., assignor of forty-nine one-hundredths to Augustus T. Perkins, Chicago, Ill. Filed Jan. 13, 1923. Serial No. 612,482. 14 Claims. (Cl. 198—186.)



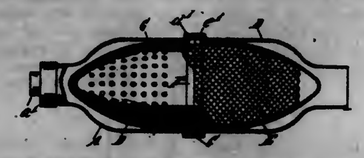
13. The combination with an endless belt conveyer, of a self-propelled tripper comprising a carriage, pulleys journaled thereon around which said belt passes, and means engageable with said belt for transmitting power therefrom to said carriage.

1,575,656. TERMINAL FOR ELECTRICAL CONDUCTORS. NATHANIEL W. STRATFORD and LEO PONDELICK, Chicago, Ill. Filed Nov. 22, 1923. Serial No. 676,233. 1 Claim. (Cl. 173—269.)



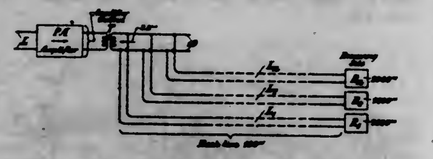
The combination with an electrical conductor wire, of a one-piece clip of sheet metal comprising a pair of flexible jaws and a tongue for connection to a contact, and a soft metal sleeve between the jaws and compressible thereby to force it into firm contact with the clip and the conductor wire, the clip having one or more perforations therein into which the soft metal will be forced when the jaws are contracted, to positively lock the sleeve and clip together.

1,575,657. SILENCER FOR GASEOUS CURRENTS. NICHOLAS STRAUSSLER, London, England. Filed June 3, 1925. Serial No. 34,536. 5 Claims. (Cl. 137—160.)



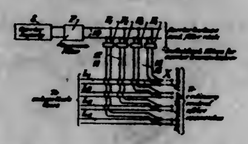
1. A silencer comprising an outer casing transversely divisible into sections, the meeting portions of which sections form sockets, an inner casing also transversely divisible into two approximately conical shells each having at its base an annular enlargement to fit into one of said sockets, each of said shells being perforated with a number of circumferentially arranged perforations located only in the part of said shell intermediate between its base and its apex, and filling consisting of a permeable homogeneous mass of metal of a resilient character enclosed within said inner casing.

1,575,658. VOLUME CONTROL FOR PROGRAM-DISTRIBUTION SYSTEMS. MAURICE E. STRIBBY, Millburn, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Sept. 7, 1923. Serial No. 661,482. 4 Claims. (Cl. 179—171.)



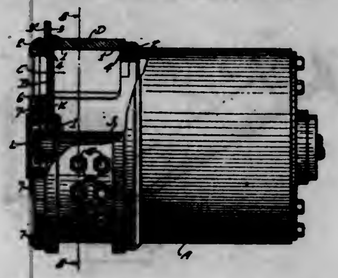
1. In a program distribution system, a program source, an amplifier to amplify currents from said source and impress them upon bus-bars, a variable number of subscribers' lines connected to said bus-bars, and means to make the impedance looking into the output of said amplifier small as compared with the composite impedance of said subscribers' lines when all of the lines are connected to the bus-bars.

1,575,659. FILTER ARRANGEMENT FOR WIRE PROGRAM-DISTRIBUTION CIRCUITS. MAURICE E. STRIBBY, Millburn, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Sept. 7, 1923. Serial No. 661,483. 8 Claims. (Cl. 179—15.)



1. A transmission system comprising a common transmission path, a plurality of individual transmission paths associated therewith and means to segregate the individual paths from each other at certain frequencies comprising a common filter element in the common transmission path and individual filter elements in the individual paths, each individual element being so related to the common element that the two cooperate to form a band filter transmitting a band of frequencies through the individual path with substantially uniform attenuation while substantially suppressing the frequencies lying without the band.

1,575,660. MOTOR HOUSING. JOSEPH TRIPEL and WILLIAM F. EKNES, St. Louis, Mo., assignors to Marcha Storage Battery Locomotive Company, St. Louis, Mo., a Corporation of Delaware. Filed Oct. 26, 1922. Serial No. 597,219. 2 Claims. (Cl. 172—36.)



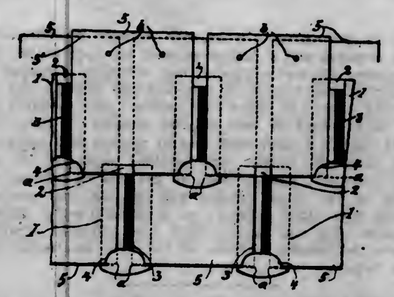
1. A motor housing consisting of a casing having a cylindrical wall provided with an opening, an annular closure for said opening surrounding said wall and provided with a co-operating opening, and guides on the exterior of said cylindrical wall that embrace reduced portions at the edges of said annular closure.

1,575,661. SIGN. RAY A. THOMPSON, Chicago, Ill. Filed July 26, 1924. Serial No. 728,317. 10 Claims. (Cl. 40—145.)



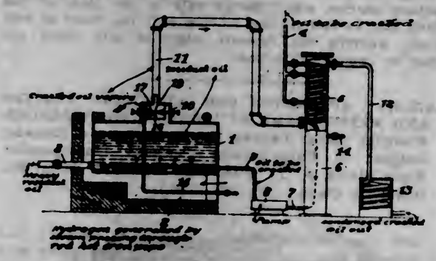
1. A street sign including a post cap having an upwardly projecting joint member with a socket therein, and a sign plate arranged on said joint member and having a depending part fitting within and interlocking with the socket therein.

1,575,662. SECURING ELEMENT FOR COMPOSITION SHINGLES. FRANK VANDEVEN, Grand Rapids, Mich. Filed Mar. 2, 1925. Serial No. 12,659. 3 Claims. (Cl. 108—33.)



1. In an element for securing composition shingles to a roof, a thin, narrow, oblong sheet of material laid under, and lengthwise of the adjacent edges of the shingles and having curved diagonal slots in the lower end to receive and secure the lower corners of adjacent shingles, and a lip formed at the upper end adapted to interlock with the center of the lower end of the next upper shingle.

1,575,663. APPARATUS FOR TREATING OIL. FRANK C. VANDE WATER and FREDERICK R. SUNDERMAN, Newburgh, N. Y., assignors to Petroleum Laboratories Inc., Newburgh, N. Y., a Corporation of New York. Filed Jan. 16, 1923. Serial No. 613,011. 1 Claim. (Cl. 196—127.)



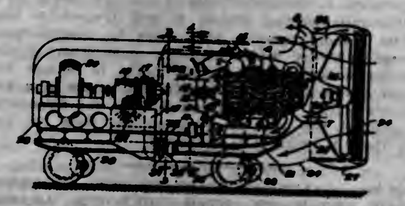
A device of the character described, including a still body having a dome, a supplemental chamber within the dome having a series of diametrically opposed valved openings therein, one set of opposed openings being connected to a gas supply, the other set of openings communicating with the still body.

1,575,664. DETACHABLE HEEL FOR FOOTWEAR. LEOPOLD VAN ROY, Brussels, Belgium. Filed Aug. 9, 1924. Serial No. 731,226. 11 Claims. (Cl. 36—36.)



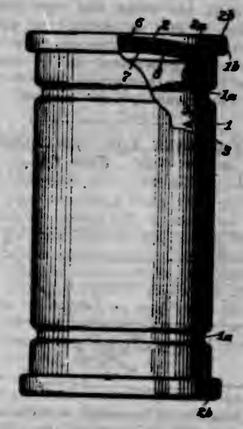
1. A detachable resilient heel comprising, a heel member, and a support member attachable to a shoe heel, projections of dovetailed transverse section on the heel member, lateral cylindrical-faced grooves in the support member, other grooves in the support member having a dovetailed transverse section which matches that of the projections, the projections of the heel, when placed in one position on the support member, engaging in the cylindrical-faced grooves thereof, and upon rotation of the heel, engaging in said other grooves.

1,575,665. POWER PLANT. RUDOLF WAGNER, Hamburg, Germany, assignor to The Superheater Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 22, 1923. Serial No. 676,453. 2 Claims. (Cl. 60—94.)



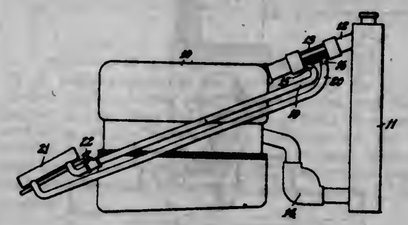
1. A power plant for automotive vehicles comprising a high speed turbine, means connected with and driven by said turbine for propelling the vehicle, a high pressure steam generator for generating steam for said turbine, an air-cooled condensing means, connections between said generator, turbine and condensing means to provide a closed path for the continuous circulation of the working medium, the said high pressure steam generator including a water tube boiler having small pipes, a superheater, a feed water heater, and a preheater for the combustion air, all arranged one behind the other substantially in contracting relationship in the path of the combustion gases, the inlet to the preheater being arranged immediately behind the condensing means, an escape for the combustion gases connected to the preheater, and a fan for conveying the combustion air from said preheater to said generator.

1,575,666. ACID-PROOF CONTAINER. RAYMOND M. WARNER, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed July 14, 1925. Serial No. 43,528. 2 Claims. (Cl. 220—63.)



1. A portable cylindrical acid-proof container comprising a cylindrical body having internal annular shoulders adjacent the ends thereof, said body and said heads having rubber linings, the edges of the body lining being rolled to form annular beads overlying the shoulders, and said heads being secured to the body with the margins of the lining thereof pressed against the beads.

1,575,667. HEATER FOR MOTOR CARS. CHARLES B. WARNER, Montclair, N. J. Filed Dec. 24, 1924. Serial No. 757,797. 8 Claims. (Cl. 237—12.3.)



1. In combination with a water cooling system, a hot water heating system comprising means for diverting part of the water from said cooling system under a circulating pressure built up by the velocity of flow of the water in said cooling system; a radiating member disposed below said diverting means; a feed conduit connecting said diverting means with said radiating member; means disposed above said radiating member

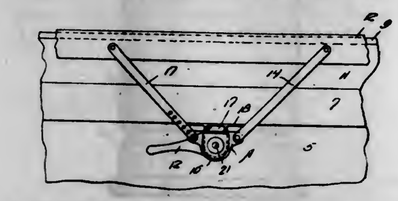
and adjacent said diverting means for returning the diverted portion of water to said cooling system; and a return conduit connecting said last mentioned means with said radiating member.

1,575,668. PIANO. WALTER W. WEISER, Chicago, Ill. Filed Oct. 10, 1924. Serial No. 742,775. 2 Claims. (Cl. 84—187.)



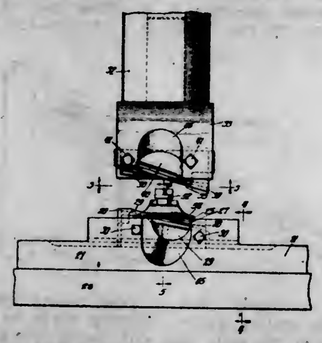
2. In a piano, a frame, a sounding-board and a string-plate supported on the frame, spacing-members adjustably mounted in the front and rear portions of the frame adjacent to and supporting the plate in spaced relation to the board, holding-members clamping the plate on the spacing-members, and a combined spacer and pressure member adjustably seated in the frame intermediate the sounding-board bridges.

1,575,669. FASTENER FOR CONTAINERS. ALBERT R. WOLF, Snyder, Nebr. Filed Oct. 9, 1925. Serial No. 61,527. 4 Claims. (Cl. 292—140.)



1. In combination, a container, a cover slidably mounted on the container, a cleat on the container, a pair of links engaged with the cover, a casing supported by the links, a shoe, a shank extending from the shoe into the casing, a cam in the casing for pushing the shank therefrom and forcing the shoe into frictional engagement with the cleat, and means for operating the cam.

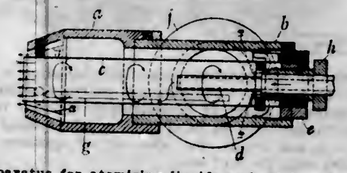
1,575,670. METHOD OF AND APPARATUS FOR MAKING FUEL VAPORIZERS. JOSEPH WROBLEWSKI, Chicago, Ill. Filed May 5, 1922. Serial No. 558,739. 6 Claims. (Cl. 153—2.)



1. The method of making a serrated baffle plate from a flat metal blank which comprises stamping the lateral edges of the blank in successive steps to form successive offsets, and twisting the blank spirally during said stamping operation.

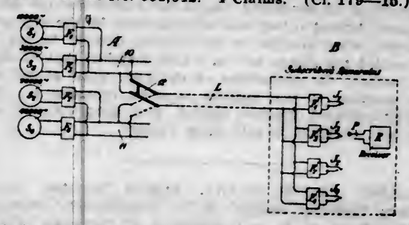
5. Means for making baffle plates of the class described, comprising a base, a reciprocating member cooperating therewith, means for feeding a blank relative to said base and said reciprocating member, and a pair of offsetting dies carried by said base and said reciprocating member, each of said dies comprising an intermediate portion which moves only to the plane of the blank and an end portion moving past the plane of said blank, whereby the opposite edges of said blank are offset in opposite directions.

1,575,671. APPARATUS FOR ATOMIZING LIQUIDS AND MIXING SAME WITH GASEOUS SUBSTANCES. WARWICK HENRY BEANES, Kingsway, London, England, assignor to Baker-Perkins Company, Incorporated, White Plains, N. Y. Filed Feb. 20, 1925. Serial No. 10,674. 1 Claim. (Cl. 299—140.)



Apparatus for atomizing liquids and mixing same with air, comprising a cylinder having a plug at one end and an outlet nozzle at the opposite end, a tube nested within said cylinder and extending through said nozzle the said nested parts forming an annular chamber between them, a branch connection admitting compressed air to said chamber, means for admitting liquid to said tube, and means admitting air from the said chamber to the said tube both by way of a tangential port and a port at the inner end of the tube, and a screw in said cylinder plug controlling the quantity of air admitted by way of said end port.

1,575,672. WIRE CARRIER PROGRAM-DISTRIBUTION SYSTEM. OTTO B. BLACKWELL, Plandome, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Sept. 8, 1923. Serial No. 661,642. 4 Claims. (Cl. 179—15.)



1. In a program distributor system, a plurality of program sources having different characteristic carrier frequencies, a plurality of sets of bus-bars, means to simultaneously impress certain of said frequencies upon certain of said bus-bars and means to simultaneously impress other of said frequencies upon other of said bus-bars, a transmission circuit, means to connect said circuit selectively to said bus-bars and means at a subscriber's station to discriminate between the frequencies transmitted over said transmission line from the bus-bars through which it is connected.

1,575,673. CALENDAR, DIARY, WRITING OR OTHER PAD, AND BLOCK WITH TURNOVER LEAVES. JOHN ALEXANDER CAMERON, Glasgow, Scotland. Original application filed June 29, 1923, Serial No. 648,547. Divided and this application filed Dec. 16, 1924. Serial No. 756,285. 1 Claim. (Cl. 40—119.)

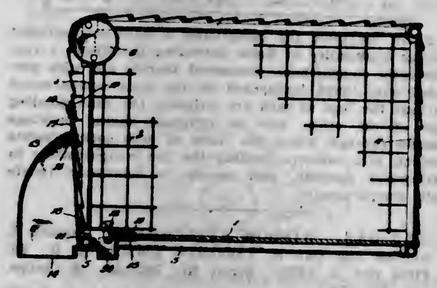
A calendar comprising folded leaves, a folded cardboard forming the back of the calendar, said leaves and

said folded cardboard having an opening in the fold, and a wire arranged longitudinally in the fold of the cardboard, provided at the ends with downwardly extending legs arranged between the folded cardboard and



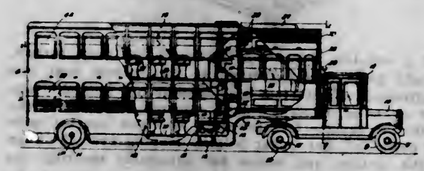
also provided at a point intermediate the ends with a loop projecting upwardly through the said opening in the cardboard and forming means by which the same may be suspended.

1,575,674. POULTRY COOP. LOUIS A. COHEN, Central City, Ky. Filed Sept. 26, 1925. Serial No. 58,915. 4 Claims. (Cl. 119—19.)



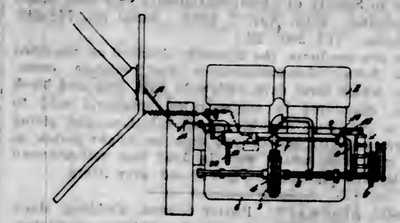
1. Feeding and watering means for poultry coops comprising a feed box, a watering trough, means for securing the feed box and the watering trough to the coop along one side of the same, means for supplying water to the trough, and a gate closing the inner side of the feed box and separating the same from the trough, said gate being of a material which deteriorates under moisture.

1,575,675. MOTOR BUS. JESSE D. EGGLESTON, Chicago, Ill. Filed Jan. 17, 1923. Serial No. 613,093. 5 Claims. (Cl. 296—28.)



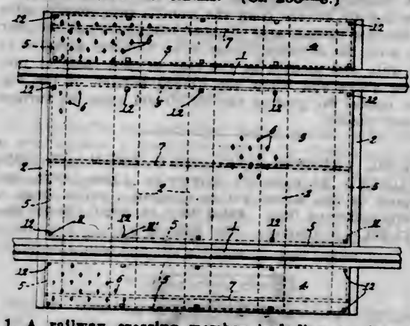
1. A motor bus comprising a compartment unit having lower and upper rear compartment decks, a forward compartment deck in a plane intermediate of the rear compartment decks, an upper forward compartment deck above the plane of the upper rear compartment deck, a door for the lower rear compartment, and a stairway rising forwardly from the lower rear compartment deck to the level of the lower forward compartment deck and thence rising rearwardly to the upper rear compartment deck and thence rising forwardly to the upper forward compartment deck.

1,575,676. SPEED CONTROL. GEORGE P. EVANS, York, Pa. Filed May 2, 1924. Serial No. 710,590. 1 Claim. (Cl. 264—14.)



The combination with an engine and a valve for controlling the supply of fuel thereto, of a pump operating with the engine, means cooperating with the pump and including a receptacle and intake and return pipes communicating with the receptacle, for maintaining a circulation of fluid during the operation of the engine, a valve in the return pipe of said means, means for connecting said valve to the throttle lever of the engine for retarding the circulation of fluid through the pipe, thereby to set up a back pressure, a supplemental return pipe, a normally closed valve therein adapted to open when subjected to excessive pressure from within the return pipe, a cylinder in communication with the return pipe, a piston mounted therein for movement under back pressure, a drain pipe extending from the cylinder back of the piston, yielding means for holding the piston normally in one position against the action of back pressure, and a working connection between said piston and the fuel controlling valve, said connection including means for yieldingly resisting relative movement of the piston and the fuel controlling valve, said valve being shiftable independently of the pressure operated means to accelerate the engine above normal speed determined by the pressure operated means.

1,575,677. RAILWAY CROSSING. ASA GILBERT FARMER, Chattanooga, Tenn. Filed Dec. 14, 1925. Serial No. 75,375. 6 Claims. (Cl. 238—8.)



1. A railway crossing member including an inverted box-like casting having continuous side and end flanges adapted to rest upon the ties of a railway, intersecting reinforcing means integral with said member and surrounded by the flanges, and means integral with and projecting below the flanges of the member for engagement with the ties to hold the member against lateral creeping.

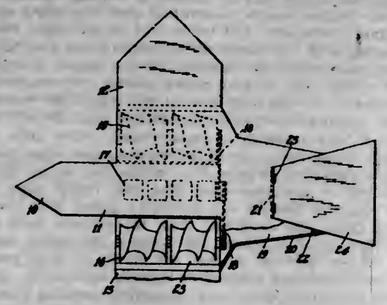
1,575,678. DYESTUFFS AND PROCESS OF MAKING SAME. JAROSLAV FRÖHLICH, Basel, Switzerland, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Filed Oct. 21, 1924. Serial No. 745,022. 10 Claims. (Cl. 260—28.)

1. As a new process, the manufacture of vat dyestuffs, which consists in causing sulphur dichloride to act upon 2:5-diarylidobenzoquinones.

1,575,679. DYESTUFFS AND PROCESS OF MAKING SAME. JAROSLAV FRÖHLICH, Basel, Switzerland, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Filed Nov. 7, 1924. Serial No. 748,492. 10 Claims. (Cl. 260—23.)

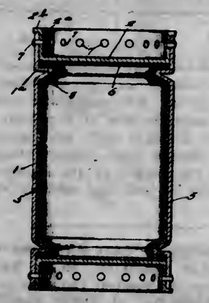
5. As new products, the dyestuffs obtained as described from 2:5-diarylidobenzoquinones and sulphur monochloride, which form dark yellow to dark blue and black powders, dissolving in concentrated sulphuric acid to brown to red-violet and blue-green solutions and giving with hydrosulphite and caustic soda lye bright yellow to brown vats from which wool is dyed fast yellow-brown to red-brown, olive-green, green and grey tints.

1,575,680. AIRCRAFT. PHILIP GIEFER, Fielding, Mont. Filed Dec. 3, 1925. Serial No. 72,931. 3 Claims. (Cl. 244—14.)



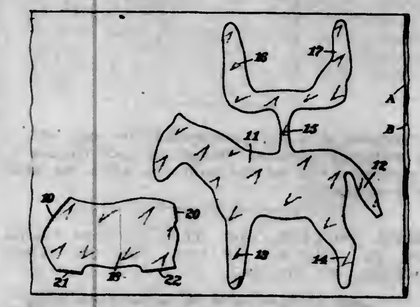
1. An aeroplane comprising a stream-line fuselage, sustaining planes extending in opposite directions from the fuselage, a housing beneath each plane forming a wind tunnel, a worm rotatably mounted in each housing, said worms being adapted to rotate in opposite directions, an elevator rudder rearward of the worms, walls on said aeroplane forming a chamber communicating with the wind tunnels, said chamber being open at the rear to guide the air stream from the tunnels into contact with the elevator rudder, said chamber being closed at the rear by a wall, the elevator rudder being hingedly mounted to said wall, and mouths at the rear of said chamber projecting above and below the hinged portion of the elevator rudder for guiding the air stream upon the surface of said rudder.

1,575,681. RUBBER-LINED ACID DRUM OR CONTAINER. RICHARD T. GRIFFITHS, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed May 17, 1924. Serial No. 713,984. 3 Claims. (Cl. 220—63.)



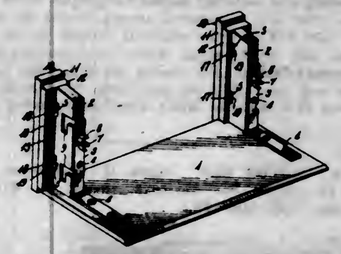
1. A portable cylindrical acid-proof shipping drum, comprising a cylindrical body having inwardly projecting annular shoulders adjacent each end, closure heads secured to said ends, said body having a rubber lining the marginal portions of which overlie said shoulders, and said heads having rubber linings the marginal portions of which overlie said shoulders, said overlapping marginal portions of the linings being clamped between the shoulders and the heads.

1,575,682. INFLATABLE FIGURE TOY. RICHARD T. GRIFFITHS, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed July 8, 1925. Serial No. 42,251. 8 Claims. (Cl. 46—40.)



2. An inflatable toy comprising a main compartment having a plurality of limbs extending therefrom, a supplemental compartment connected thereto and also provided with limbs juxtaposed on the main compartment so that the legs of each are adjacent the corresponding legs of the other, and an envelope having openings therein through which the limbs of both compartments project, said envelope holding the two compartments in juxtaposed position, and means to commonly inflate both compartments.

1,575,683. WINDOW ATTACHMENT. ROBERT E. GROVES and ORA B. CARNAHAN, Clarksburg, W. Va. Filed Oct. 3, 1922. Serial No. 592,169. 8 Claims. (Cl. 45—104.)

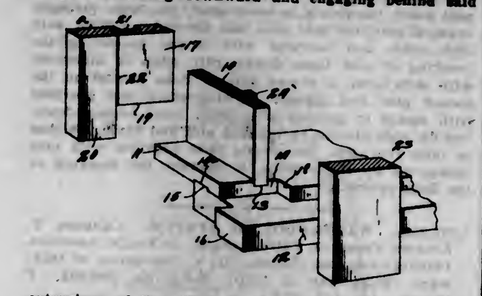


3. A window attachment having a platform bottom, upright posts fixedly secured to the bottom near one longitudinal edge thereof and opposite one another, two-part cleats of different length adjustably applied to the posts, the shorter lengths being in direct contact with the posts and the longer lengths lapping over the edge of the bottom, and means for adjustably securing the cleats to the posts.

1,575,684. WINDOW FRAME. ANTHONY HABBSHAN, Bogota, N. J. Filed May 26, 1925. Serial No. 33,005. 3 Claims. (Cl. 20—11.)

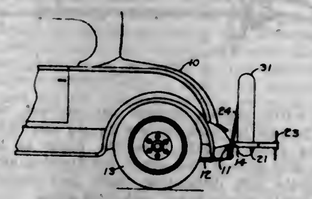
1. A window frame structure including a sill and a sub-sill, pulley stiles engaged with the sub-sill, the sub-sill having a width greater than that of the stiles and having its forward corners cut away to form a rectangular recess extending longitudinally of the sub-sill, blind stops having their lower ends disposed in said cut-away

portions of the sub-sill, the sill being extended laterally beyond the ends of the sub-sill and the blind stops having tongues extending downward and engaging behind said



extensions of the sill, and casings, each disposed vertically against the faces of the corresponding blind stops and resting at their lower ends upon the sill.

1,575,685. TIRE-CARRIER SUPPORT. KARL L. HERRMANN, Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind., a Corporation of New Jersey. Filed Sept. 20, 1924. Serial No. 738,910. 9 Claims. (Cl. 293—55.)



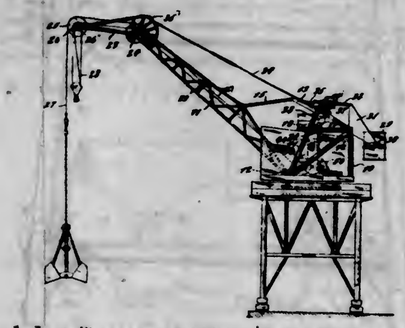
1. In combination with a motor vehicle provided with rear frame ends having a flat face, and a tire carrier having supporting arms, of means comprising a projecting stud on each of said frame ends to receive the ends of said tire carrier arms, and means to secure said arms against the flat faces on said frame ends.

1,575,686. ABRADING MACHINE. EDWARD F. HODGKINS, Beverly, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Oct. 15, 1923. Serial No. 668,661. 11 Claims. (Cl. 51—194.)



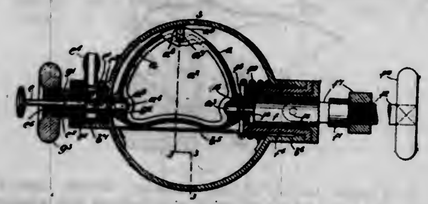
1. A pneumatic buffing and scouring tool comprising a hollow mandrel provided with an air outlet opening near the tool receiving end, an elastic casing for said mandrel formed as an elongated cylinder closed at one end and provided with means for attaching the same to the mandrel at the closed end of the cylinder, and means for clamping the open end of the cylinder to the mandrel at a point beyond the outlet opening.

1,575,687. JIB CRANE. FREDERICK WILLIAM HOLLICK, Gourock, Scotland, assignor to The Babcock & Wilcox Company, Bayonne, N. J., a Corporation of New Jersey. Filed Sept. 7, 1922. Serial No. 586,603. 6 Claims. (Cl. 212—39.)



1. In a jib crane, a load-lifting drum mounted on the crane frame, a pulley mounted coaxially with the drum, a load-lifting rope passing from the drum to the end of the jib and the weight to be lifted and returning over the end of the pulley to and partially around said pulley and anchored to the crane frame, and means to change the inclination of the jib.

1,575,688. MANUFACTURE OF DENTAL PLATES AND APPARATUS THEREFOR. CHRISTE JOANNIDES, Constantinople, Turkey. Filed Dec. 13, 1920. Serial No. 430,571. 30 Claims. (Cl. 18—33.)

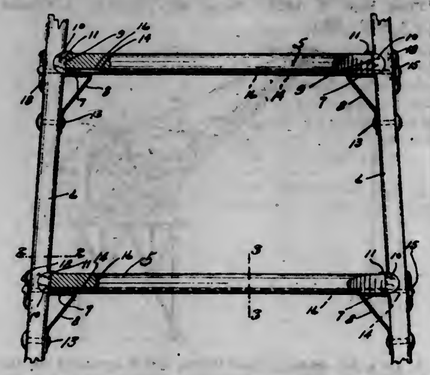


1. Apparatus for producing dental plates, comprising, in combination, a container, means for closing said container, said container being adapted to hold a mould, a vessel adapted to be tight and inclosing said container, a rubber injecting apparatus, and directly a passage between said injecting apparatus and said mould container, and another passage between the interior of said mould container and the exterior of said vessel.

1,575,689. STEPLADDER. JOHN E. KALGREN, Minneapolis, Minn., assignor to J. R. Clark Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Sept. 10, 1924. Serial No. 736,906. 1 Claim. (Cl. 228—58.)

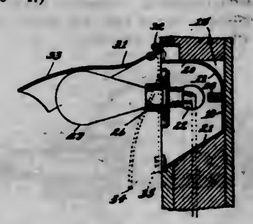
In a ladder, the combination with ladder bars and steps, of metal brackets bent to form step-supporting shelves and oblique depending legs, end plates extending upwardly from the step-supporting shelves and interposed between said side bars and the adjacent ends of the co-operating step, said end plates having laterally bent ears that embrace the ladder bars and further provided with inturned upper flanges that overlap the ends of said steps, said steps having longitudinal channels in their under sides, and tie rods extended in the channels of said steps immediately above the shelf-forming portions of said brackets and passed through perforations in the end plates of said brackets and through perforations in said side bars, fastening devices other than said

tie rods positively securing said brackets to said side bars, said rods serving to tie said side bars, steps and brackets together against lateral movements, said brackets



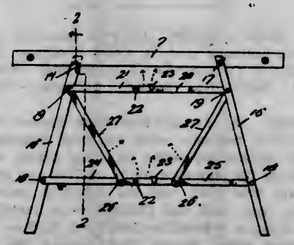
having open ended seats in to which and from which the steps may slide edgewise when said tie rods are removed, the said rods, when applied, serving to positively lock the steps against edgewise displacement.

1,575,690. AISLE CHAIR. JOSEPH B. KAUSAL, Chicago, Ill. Filed Jan. 19, 1925. Serial No. 3,235. 6 Claims. (Cl. 240—4.)



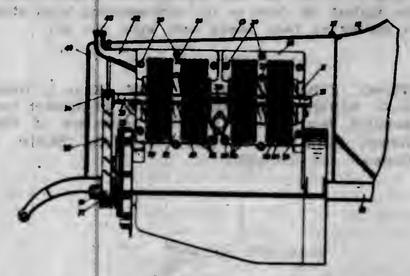
1. A chair having a lamp chamber therein open at one side, a lamp hinged within the chamber and adapted to be swung out through said open side, and a light-directing closure plate hinged to swing outwardly to allow the outward swinging of said lamp, substantially as described.

1,575,691. QUILTING FRAME. ELMER E. KLEE, Triplett, Mo. Filed Jan. 26, 1925. Serial No. 4,891. 1 Claim. (Cl. 45—24.)



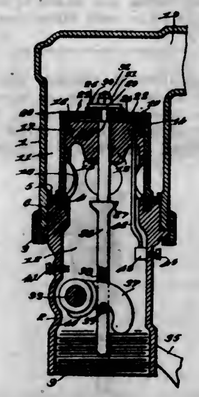
In a quilting structure of the class described, a frame including a pair of side rails, and a pair of knock-down leg structures for said side rails, each knock-down leg structure including two pairs of legs, the legs of each pair being inclined toward each other upwardly, bolts connecting the upper ends of the legs of each pair, the side rails of the frame adapted to rest on said bolts, a pivot pin piercing the legs of each pair below the bolt thereof, a second pivot pin piercing the legs of each pair below the first mentioned pivot pin, links pivotally engaged with the first pins and pivotally engaged with each other and provided with means preventing the breaking of said links downwardly when in alinement with each other, a second pair of links pivoted on the second pins and pivoted to each other and provided with means to prevent them from being broken downwardly, rods pivoted on the first pins and having notches in their free ends, the second links provided with pins engageable by the notches, to prevent the breaking of the links upwardly.

1,575,692. WATER-COOLING SYSTEM. CHARLES Y. KNIGHT, Pasadena, Calif., assignor to Knight American Patents Company, Chicago, Ill., a Corporation of Delaware. Filed Mar. 3, 1919. Serial No. 280,501. 7 Claims. (Cl. 123—173.)



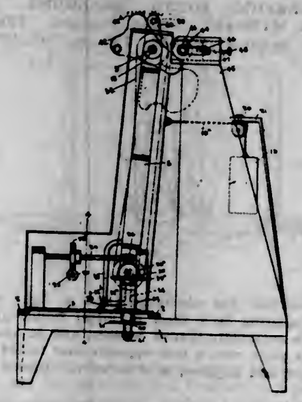
1. A water cooling system for engines comprising cooling jackets for said engines having circulating pipes extending approximately from the upper to the lower parts of said jackets and means for drawing air between said jackets and circulating pipes and throwing said air outwardly into contact with said pipes.

1,575,693. FLUSH VALVE. EMANUEL KROMER, Spokane, Wash. Filed Oct. 13, 1923. Serial No. 668,370. 5 Claims. (Cl. 137—93.)



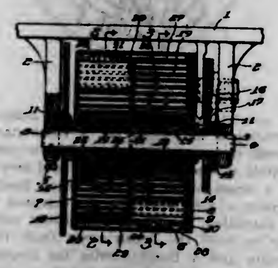
2. A flush valve comprising a casing, a valve structure in said casing for controlling flow therethrough, said structure including a movable valve member, an operating rod longitudinally journalled in said structure and operatively connected with said member, and manually operable cam means for imparting endwise thrust to said rod and acting to hold the latter against binding in its journal.

1,575,694. GRINDING AND POLISHING MACHINE. FRANK KUHN and LAURENCE H. THOMAS, Detroit, Mich., assignors to American Electrical Heater Company, Detroit, Mich., a Corporation of Michigan. Filed July 24, 1922. Serial No. 577,187. 6 Claims. (Cl. 51—101.)



1. The combination with a fixed frame and a swinging frame, of a rotatable pattern mounted on one of said frames, a cooperating abutment on the other of said frames, means for yieldingly urging said swinging frame in one direction, means for rotating said pattern whereby said swinging frame is oscillated in the opposite direction through a limited distance, means for stopping rotation of said pattern operable by the swinging of said frame in said opposite direction through a distance greater than said limited distance, and manually operable means for swinging said frame through said greater distance, said manually operable means being inoperative to move said frame until the latter is moved a predetermined distance in said opposite direction.

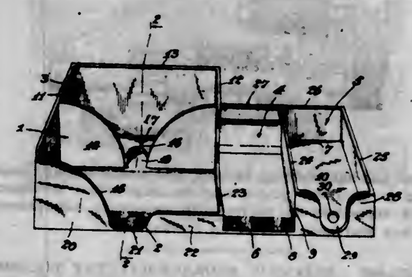
1,575,695. SPRING MOTOR. WILLIAM D. LA RUE, Philadelphia, Pa., assignor to Victor Talking Machine Company, a Corporation of New Jersey. Filed May 14, 1924. Serial No. 713,141. 9 Claims. (Cl. 185—45.)



1. In a spring motor, a spring barrel, a power unit mounted within said barrel, with an annular reservoir for lubricant interposed between said unit and said barrel, and means establishing communication between said reservoir and the interior of the unit.

1,575,696. POSTING TRAY. CLARENCE H. LA SELLE, Wabash, Ind. Filed Feb. 12, 1923. Serial No. 618,626. 6 Claims. (Cl. 211—37.)

1. A posting tray comprising a base, a pair of check compartments thereon arranged one behind the other between the forward and rear edges of said base, and occupying a portion of said base at one side thereof, and a pair of inner and outer deposit slip compartments arranged at right angles to the longitudinal axes of said first named compartments and laterally thereof between said forward and rear edges, and occupying the remaining portion of said base at the opposite side thereof; said inner deposit slip compartment and said check compartments having a common wall; and the forward portions of the front check compartment and said inner deposit slip compartment being arranged adjacent to each



other at said forward edge to permit of the signatures on the slips and checks being placed in juxtaposition when the signatures on said slips are at the bottom thereof, and the adjacent forward portions of said front check compartment and said inner deposit slip compartment being relatively low to permit of the simultaneous inspection of the signatures on the checks and slips therein, said forward portions permitting of the removal of the checks and slips individually.

1,575,697. PAINTBRUSH. SAMUEL JOHN LESSING, St. Joseph, Mich. Filed Mar. 19, 1925. Serial No. 16,598. 8 Claims. (Cl. 15—248.)

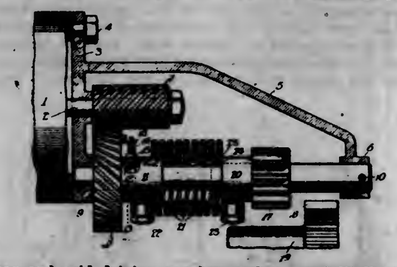


1. A brush for applying liquids, comprising a handle, a bristle knot arranged at one end of the handle, a ferrule surrounding the handle and base of the bristle knot, said ferrule having a single thickness inner wall and a double thickness outer wall, the lower edge of the inner wall being integral with the lower edge of the inner thickness of the outer wall, forming in cross section a trough between the single thickness and the double thickness, shaped to catch any liquid which might otherwise run down the handle on to the hand of the user, when the brush is used with the handle pointing downward.

1,575,698. ENGINE STARTER. WILLIAM L. MCGRATH, Elmira, N. Y., assignor to Eclipse Machine Company, Elmira, N. Y., a Corporation of New York. Filed Aug. 2, 1919. Serial No. 314,952. 3 Claims. (Cl. 74—7.)

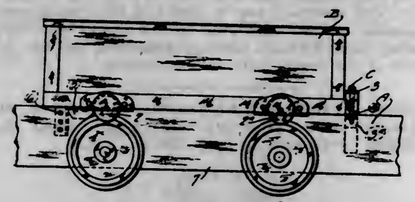
1. An engine starter drive comprising a driving spiral gear, a second spiral gear driven thereby, an engine driving member adapted to be moved automatically into operative engagement with a member of the engine to

be started and to thereupon drive such engine member, a shaft on which said driven gear and said driving member are loosely mounted, for both rotary and longitudinal movements, a driving connection between said driven



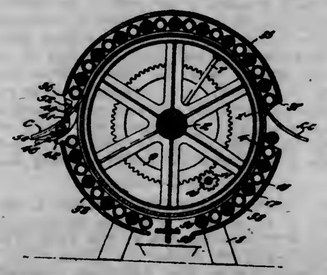
gear and said driving member, and means initially tending to hold the pinion against longitudinal movement and thereafter to assure such movement and prevent rotary movement thereof on the shaft.

1,575,699. ELECTRIC STORAGE-BATTERY LOCOMOTIVE. RAYMOND MANCHA, St. Louis, Mo., assignor to Mancha Storage Battery Locomotive Company, St. Louis, Mo., a Corporation of Delaware. Filed Apr. 14, 1924. Serial No. 706,432. 5 Claims. (Cl. 104—34.)



1. An electric storage battery locomotive, comprising a chassis, a battery box mounted on said chassis, and a device for coupling said box to said chassis consisting of vertically-aligned members on said box and chassis and a removable pin arranged in said members, said pin being long enough to permit said box to move vertically relatively to the chassis high enough to cause the chassis to clear a supporting structure on which the box is sustained.

1,575,700. PROCESS OF AND APPARATUS FOR MAKING RUBBER STRIPS. HARVEY F. MARANVILLE and CHARLES W. STEELE, Akron, Ohio, assignors, by mesne assignments, to The Firestone Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 8, 1920. Serial No. 422,512. 18 Claims. (Cl. 18—6.)



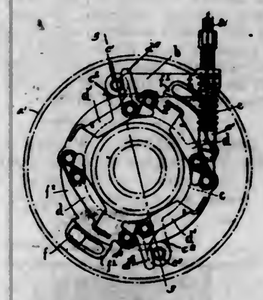
1. Mechanism for curing rubber strip comprising a constantly moving member having a grooved surface, a second constantly moving member opposite said surface and closing the groove therein, means forcing said members yieldingly together at all times, and means for heating both members.

1,575,701. ELECTRIC GAS-DISCHARGE TUBE FOR PHOTOGRAPHIC SOUND RECORDING. HARRY GRINDELL MATTHEWS, London, England. Filed July 10, 1923. Serial No. 650,590. 1 Claim. (Cl. 176—16.)



In an electric gas discharge tube, a light emitting cathode consisting of a sheet of metal folded about its middle with outwardly turned borders, and an anode consisting of a plate with a hole opposite said folded portion of said sheet and adjacent said outwardly turned borders thereof.

1,575,702. ELECTRIC STARTER FOR INTERNAL-COMBUSTION ENGINES. ALBERT HENRY MIDGLEY, Uxbridge, England, assignor to Midgley Car Lighting Company, Limited, London, England. Filed Apr. 3, 1922. Serial No. 549,330. 2 Claims. (Cl. 290—38.)

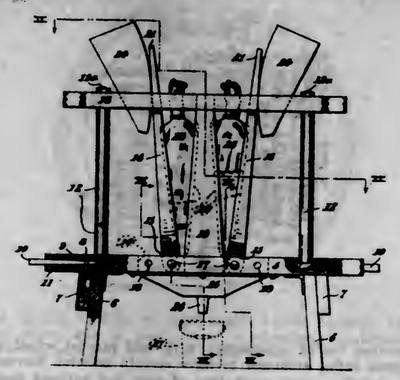


1. In an electric starter for internal combustion engines comprising a motor having a commutator and a movable brush in connection therewith to serve as the starting switch, means for controlling said movable brush comprising a brush-holder for said brush having an extension thereon, a ring having a pin adapted to contact with said extension, a spring controlling said ring so as normally to hold the brush away from the commutator segments and a Bowden wire for overcoming the force of said spring to allow the brush to contact with the commutator segments, substantially as described.

1,575,703. PROCESS FOR THE MANUFACTURE OF A HIGHLY-ACTIVE DECOLORIZING CHARCOAL. HELLMUTH MÜLLER-CLEMM, Mannheim-Waldhof, Germany, assignor to the Firm of Gesellschaft für Chemische Produktion m. b. H., Mannheim-Waldhof, Germany, a Corporation of Germany. Filed May 2, 1924. Serial No. 710,626. 15 Claims. (Cl. 252—8.)

1. The process of producing active carbon which comprises carbonising carbonaceous material in the presence of an alkali metal sulphide.

1,575,704. CHEESE PRESS. WLADISLAW NAYDA, Wilmington, Del. Filed May 28, 1925. Serial No. 33,467. 1 Claim. (Cl. 100—55.)



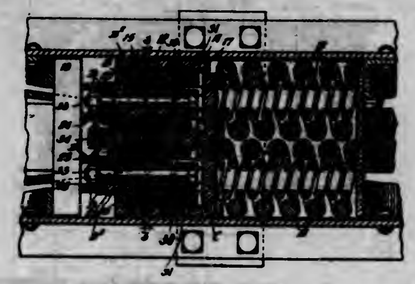
In a press of the type described, a base, a top plate spaced from the base and said base and top plate having vertically alined openings therein at opposite sides of the centers thereof, a stationary wedge-shaped presser member centrally positioned between the base and top plate, movable presser members having their lower ends adjustably pivoted in the base slots with the reduced upper end extending freely through the adjacent slot in the top plate and manually operable means associated with the upper end of each movable presser member above the top plate for moving the presser members toward the stationary presser member.

1,575,705. INTERIOR PARTITION. HENRY D. OBERDORFER and FREDERICK W. VOIGHTLANDER, Champaign, Ill.; said Voightlander assignor of his entire right to Circle A Products Corporation, Aurora, Ill., a Corporation of Illinois. Filed Jan. 2, 1923. Serial No. 610,115. 16 Claims. (Cl. 20—4.)



1. A knockdown partition comprising panel sections, means for removably securing the same together in partition formation, a top rail continuous across the top edges of said sections, and face plates secured both to opposite faces of said rail and said sections respectively.

1,575,706. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Jan. 30, 1922. Serial No. 532,615. 7 Claims. (Cl. 213—33.)



1. In a friction shock absorbing mechanism, the combination with a hollow shell provided with a plurality of interior partitions dividing it into a plurality of chambers, said partitions being responsive to laterally applied pressure; of a spring resistance; a set of longitudinally movable friction elements in one of said chambers and laterally expansive under applied pressure; a spring follower between said spring resistance and the inner end of said set of friction elements; and a longitudinally movable friction member in another of said chambers, said member being rigid with said spring follower.

1,575,707. YOKE. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Mar. 16, 1923. Serial No. 625,459. 8 Claims. (Cl. 213—48.)

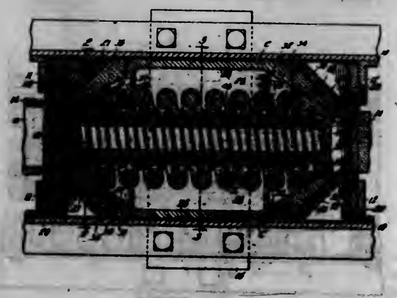


1. In a yoke, the combination with a hollow head adapted to receive and be attached to a coupler butt, said head having opposed lugs; of a pair of yoke arms each having a loop formed at its front end and arranged to detachably fit over one of the lugs of said head; and detachable means for connecting the rear ends of said arms.

1,575,708. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Apr. 25, 1923. Serial No. 634,428. 2 Claims. (Cl. 213—37.)

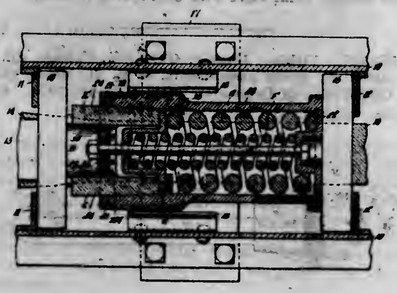
1. In a friction shock absorbing mechanism, the combination with front and rear follower casings, said casings each being provided with a pair of inwardly extending diverging wedge faces arranged at a relatively blunt angle with reference to the longitudinal axis of the mechanism; of a pair of longitudinally arranged friction shoes, each having an inner and outer wedge face at each end thereof, the outer wedge faces of said shoes being adapted to coact with the wedge faces of said followers and correspondingly inclined thereto, said inner wedge faces being inclined at relatively keen angles

with reference to the longitudinal axis of the mechanism; spring followers at opposite ends of the mechanism normally disposed entirely within said casings, said spring



followers being provided with wedge faces correspondingly inclined to and adapted to cooperate with the inner wedge faces of said shoes; and a spring resistance coacting with said spring followers.

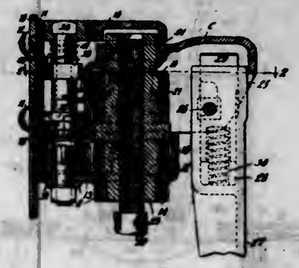
1,575,709. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed May 7, 1923. Serial No. 637,168. 13 Claims. (Cl. 213—31.



1. In a friction shock absorbing mechanism, the combination with follower acting means; of a friction shell having interior cylindrical friction surfaces, said shell and follower means being relatively movable; a spring resistance; and a friction system composed of a plurality of wedge friction shoes arranged in annular series, certain of said shoes being in direct engagement with said follower means and all of said shoes engaging said shell friction surfaces, said shoes being provided with interengaging wedge faces certain of said faces extending at relatively blunt angles with reference to the longitudinal axis of said mechanism and the remaining faces extending at relatively keen angles with the reference to the said axis.

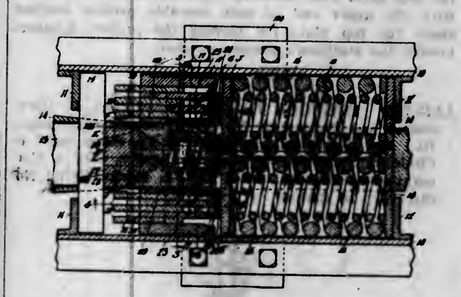
1,575,710. HAND BRAKE FOR RAILWAY CARS. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Apr. 3, 1924. Serial No. 703,903. 6 Claims. (Cl. 74—116.)

1. In a hand brake, the combination with a rotatable ratchet wheel; of means for rotating said wheel in a chain-winding direction; a release lever; a locking dog integral with said lever and cooperable with said ratchet wheel to hold the same against rotation in a reverse direction and adapted to be actuated by said lever to an inoperative position; and spring-influenced means automatically operable to hold said dog in its inoperative



position out of engagement with said ratchet wheel, said means being arranged to have certain relative movement to permit normal ratcheting of said dog without locking the same.

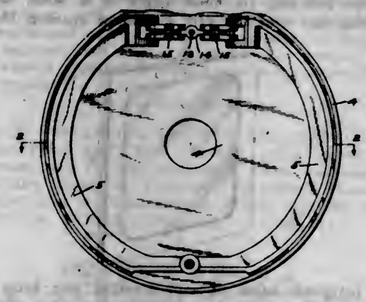
1,575,711. FRICTION SHOCK-ABSORBING MECHANISM. JOHN F. O'CONNOR, Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a Corporation of Delaware. Filed Apr. 13, 1925. Serial No. 22,516. 10 Claims. (Cl. 213—22.)



1. In a friction shock absorbing mechanism, the combination with a column element having longitudinally disposed friction surfaces; of a plurality of intercalated, relatively movable friction plates, certain of said plates being stationary with reference to said column element; ateral pressure creating means for compressing said plates and forcing the same against the column friction surfaces, said means including a pair of friction elements cooperating with the friction plates; a preliminary spring initially resisting inward movement of said elements; a main spring resistance adapted to be compressed by movement of said elements after a predetermined compression of said preliminary spring; and a pressure transmitting member movable toward and away from said column and co-operating with said lateral pressure creating means.

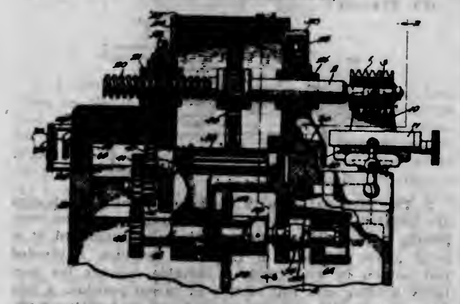
1,575,712. AUTOMOTIVE BRAKE. CLYDE A. OHL, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Jan. 11, 1924. Serial No. 686,562. 4 Claims. (Cl. 188—152.)

1. In a vehicle brake, the combination with a brake drum, brake heads mounted in said drum, and a cover plate for said drum, of a brake chamber secured to said cover plate, a movable abutment in said brake chamber disposed in a vertical plane, a rod operable by said abut-



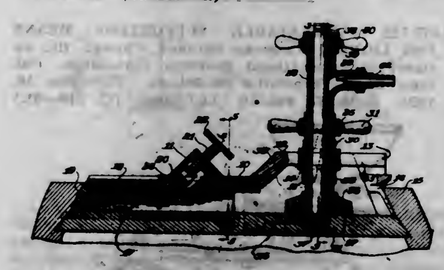
ment having its axis at right angles to the plane of the cover plate, and a toggle lever mechanism operatively connecting said rod with said brake heads.

1,575,713. GRINDING MACHINE. CARL G. OLSON, Chicago, Ill., assignor to Illinois Tool Works, Chicago, Ill., a Corporation of Illinois. Filed Aug. 1, 1923. Serial No. 655,016. 10 Claims. (Cl. 51—225.)



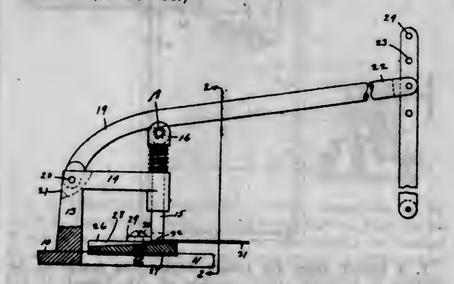
1. A grinder having a framework provided with a track, a tool holder and a work-holder, one of which is adapted to roll upon the track and the other is adapted to bring the tool and the work into contact at a point approximately as far from the plane of the track as the radius of the part which rolls upon the track.

1,575,714. TAP FOR BARRELS. HENRY G. O'REILLY, Joliet, Ill. Filed Mar. 17, 1924. Serial No. 699,831. 1 Claims. (Cl. 225—4.)



1. In a tap for kegs, the combination of a frame having a portion adapted to underlie the chime of said keg, a slide carried thereby adapted to underlie an opposite portion of said chime, a screw carried by said frame, a dog pivoted on the screw and engaging said slide, a stop on said frame adapted to limit the travel of said dog when in engagement with said slide, and means carried by the frame for clamping a discharge conduit over an opening in said keg.

1,575,715. SAW SET. FRED W. ORTH, Ocean Park, Wash. Filed Oct. 16, 1924. Serial No. 743,882. 1 Claim. (Cl. 76—68.)



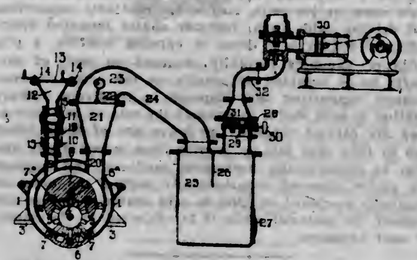
A saw set having, in combination, a slotted base plate having a gooseneck standard on its upper side, said standard having a vertical guide over the slot in said plate; an anvil slidably mounted in said slot, said anvil having a sloping slot formed therein whose sides are parallel with and whose sloping portion is over said plate slot; a transverse bar for clamping said anvil and forming a stop for the saw teeth; a plunger in said guide clearing the front of said clamp; a roller at the top of said plunger; a spring between said roller and guide; and a lever hinged to said standard and resting on said roller.

1,575,716. SHOTGUN CARTRIDGE. WILLIAM J. PAYNE, Chicago, Ill. Filed May 18, 1925. Serial No. 30,906. 12 Claims. (Cl. 102—15.)



1. A shotgun cartridge characterized by having a projectile charge composed in part of soft shot and in part of hard shot, substantially as described.

1,575,717. PROCESS AND APPARATUS FOR DISINTEGRATING DRY POWDERS. HERMANN PLAUSON, Hamburg, Germany. Filed Nov. 3, 1922. Serial No. 598,827. 6 Claims. (Cl. 83—11.)



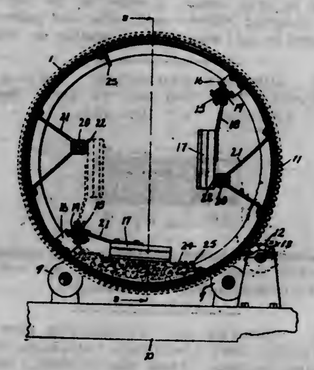
1. The process of disintegrating dry material by impact against moving parts in which (a) the moving parts are rotated at a relative velocity of at least 1000 revolutions per minute and in which the peripheral speed is at least 1000 metres per minute and (b) the operation is performed in vacuo.

1,575,718. STENCIL SHEET FOR ROTARY DUPLICATING MACHINES. RICHARD COBDEN ROGERS, London, England. Filed June 16, 1925. Serial No. 37,561. 5 Claims. (Cl. 41—35.)



1. A stencil sheet for rotary duplicating machines, including a backing sheet capable of attachment to the studs of the carrier of a printing cylinder, and means at one end of said sheet for guiding the same on to said studs.

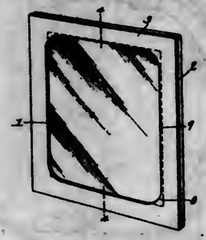
1,575,719. GRAVEL-SCREENING APPARATUS. CARL SANDBERG, Battle Creek, Mich. Filed Oct. 6, 1924. Serial No. 741,954. 9 Claims. (Cl. 82—11.)



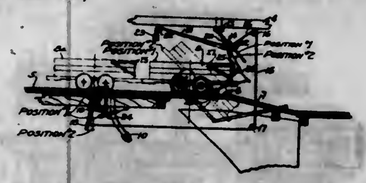
1. In a screening apparatus, the combination of a drum open at its ends, means for rotatably supporting and driving said drum, hammer shafts mounted longitudinally within said drum in opposed relation, a plurality of hammers pivotally mounted on each of said shafts to be actuated by gravity as the drum revolves, hammer supporting bars disposed in relatively forward relation to said shafts to support the sets of hammers as they are carried through the lower arc of their travel and so that they fall by gravity from substantially vertical to substantially horizontal positions, and supporting plates disposed longitudinally within the drum in relatively rearward relation to said shafts to gather and support the material while it is subjected to the impact of said hammers.

1,575,720. LANTERN-SLIDE MOUNTING. JOHN DUER SCOTT, New York, N. Y. Filed June 13, 1924. Serial No. 719,816. 2 Claims. (Cl. 88—26.)

1. A lantern slide mount comprising a polygonal base mat provided with a window opening and having folded over portions of less width than the respective sides of the frame formed by said base mat, the adjacent inner edges of said base mat and folded over portions forming an angular recess around the inner edge of said base mat for receiving the outer edges of a slide, and a covering mat provided with a window opening, the inner polygonal edges of said covering mat being substantially flush with the inwardly presented edges of said folded over portions of said base mat, said covering mat having its inner polygonal corners rounded over the corners of said slide for holding said slide against displacement.



1,575,721. CAR-DOOR MECHANISM. ROY S. SHARPNACK, Dilliner, and JOSEPH P. BENS, Pittsburgh, Pa. Filed Sept. 23, 1924. Serial No. 739,301. 2 Claims. (Cl. 214—54.)



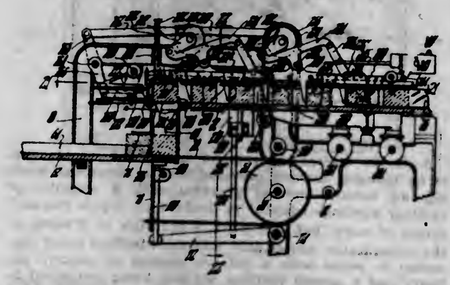
2. The combination with tracks over which dump cars are adapted to move, of door operating mechanism comprising a door lifting member pivotally supported at a point above the path of travel of the cars, a pivoted rail section in said track, a movable member for normally holding said rail section in raised position, a line connected to said movable member and said lifting member at its opposite ends and serving normally to hold said lifting member in inoperative position, and a counterweight tending to move the lifting member to operative position, the connections to the lifting member being so arranged that upon depression of the rail section by a car the said movable member will be moved to raise the door to inoperative position, and when the weight of the car is removed from the rail section, the counterweight will move the lifting member to operative position.

1,575,722. ADJUSTABLE SUPPORTING MEANS FOR LIGHTS. CLIFFORD SKLARSK, Chicago, Ill., assignor to International Spotlight Corporation, Chicago, Ill., a Corporation of Illinois. Filed Feb. 16, 1921. Serial No. 445,310. 14 Claims. (Cl. 240—61.)



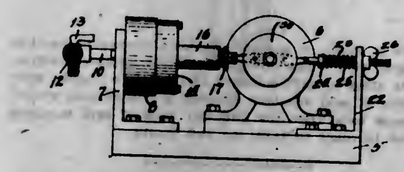
1. In a spot light mounting for vehicles having a windshield, the combination with a support adapted to be secured to part of the windshield structure of the vehicle; of a bracket having a lamp mounted adjacent one end thereof; a universal connection between an intermediate portion of said bracket and said support; and an operating member connected to the other end of said bracket, said member being extended inwardly of the windshield and pivotally and slidably mounted on said support; and means by which said member may be manually adjusted to impart universal movements to said bracket.

1,575,723. WRAPPING MACHINE AND METHOD OF WRAPPING ARTICLES. ELMER LOVELL SMITH and FREDERIC B. FULLER, Springfield, Mass., assignors to Package Machinery Company, Springfield, Mass., a Corporation of Massachusetts. Filed Sept. 26, 1921. Serial No. 503,262. 17 Claims. (Cl. 93—2.)



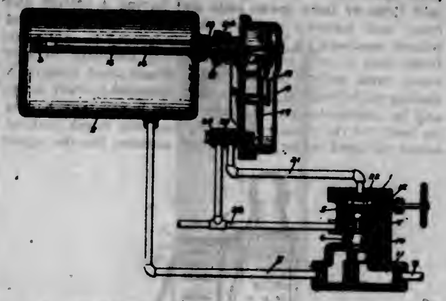
1. A wrapping machine having, in combination, a feed table, an elevator for raising articles to the level of the feed table, means for supplying an article to the elevator while in its lowermost position, a transporter for engaging the article when the elevator has been raised for transferring the article to the feed table and advancing it across the table, means for feeding a wrapper into position above the article and the elevator while the latter is lowered, means for causing said wrapper to be folded over the sides of the article during the rise of the elevator and the transfer of the article to the feed table, means for causing the wrapper to be held closely against the article adjacent a lower edge at one side thereof while the article is being transferred to the feed table, means separate from the transporter for folding the wrapper against the lower side of the article, and means for completing the wrapper folding operations while the article is being intermittently advanced across the table.

1,575,724. OTOCONCUSSER. MILTON L. SMITH and ROBERT H. SCHWALB, Chicago, Ill. Filed Dec. 31, 1923. Serial No. 683,616. 5 Claims. (Cl. 128—30.)



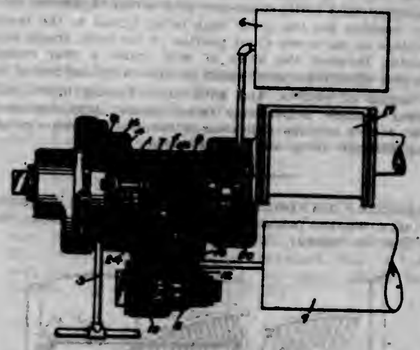
1. A machine of the kind set forth comprising a flexible diaphragm, a reciprocable plunger for operating the diaphragm, a spring adapted to move the plunger in one direction, a shaft rotatable about an axis perpendicular to the axis of the plunger and a cord connection between said shaft and said plunger adapted to retract the plunger against the action of said spring on each revolution of the shaft.

1,575,725. FLUID-TEMPERATURE REGULATOR. CARLTON D. STEWART, Berkeley, Calif. Filed Oct. 19, 1921. Serial No. 508,843. 2 Claims. (Cl. 236—80.)



1. A temperature regulating device comprising a receptacle for heated fluid, a source of heated fluid under pressure, a valve for controlling the supply of heated fluid from said source to said receptacle, a differential piston subject on one side to the pressure of heated fluid supplied to the receptacle and on the opposite side to the pressure of heated fluid supplied from said source through a restricted port for operating said valve, an exhaust valve for venting heated fluid from said differential piston, and means controlled by the temperature of heated fluid in said receptacle for operating said exhaust valve.

1,575,726. TRIPLE-VALVE DEVICE. THOMAS H. THOMAS, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Apr. 28, 1924. Serial No. 709,323. 3 Claims. (Cl. 303—74.)

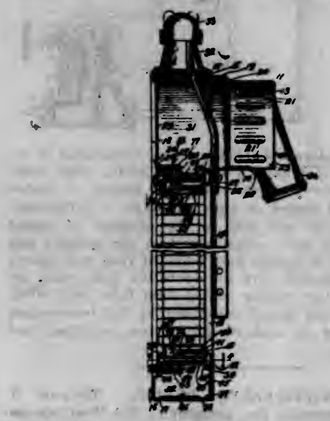


1. In a fluid pressure brake, the combination with an auxiliary reservoir, a brake cylinder, and a triple valve device, of a supplemental reservoir, a passage having a restricted portion, through which fluid is supplied from the supplemental reservoir to the auxiliary reservoir for effecting a graduated release of the brakes, and an additional passage through which fluid is supplied from the auxiliary reservoir side of the triple valve device to the supplemental reservoir for charging the supplemental reservoir.

1,575,727. RADIATOR FOR AUTOMOBILES AND OTHER MOTOR VEHICLES. ANTHONY UHLYARIK, Cleveland, Ohio, assignor to Emanuel J. Uhlyarik, Cleveland, Ohio. Filed May 23, 1922. Serial No. 562,968. 3 Claims. (Cl. 257—125.)

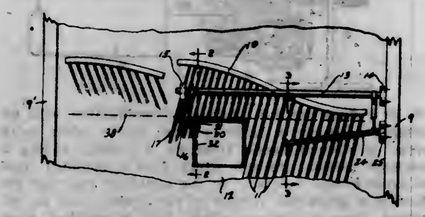
1. A radiator of the character described comprising a main frame in one integral stamping consisting of verti-

cal side members, a top portion connecting said sides at their upper ends and having a top and front and forming in part the upper tank and a bottom portion connecting said sides at their lower ends and having a bottom and front and forming in part the lower tank, back and bottom members for said upper tank secured to said main frame and to each other, back and top members for said lower tank secured to said main frame, and removable cooling units secured between said upper and lower tanks and in communication therewith, said upper tank having an inlet for the circulating water and said lower tank an outlet for said water, said bottom member for the upper



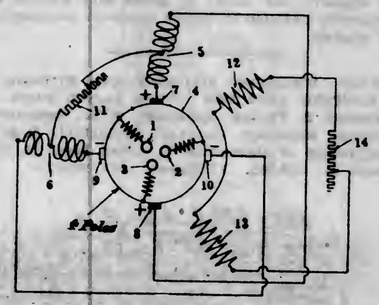
tank being brazed to the lower portion of the upper front part of the main frame and having between the sides of said frame a rear depressed section affording spaced apart parallel walls connected by a series of sleeves, said top member for the lower tank being brazed to the inner surface of the lower front portion of the main frame and having between the sides of said frame a rear raised section affording spaced apart parallel walls connected by a series of sleeves, and said units having upper and lower headers respectively faced against said depressed and raised sections and secured thereto by bolts extending through them and said sleeves.

1,575,728. MANDOLIN ATTACHMENT FOR PIANOS. MAX WEBER, Detroit, Mich. Filed Oct. 27, 1924. Serial No. 746,021. 5 Claims. (Cl. 84—224.)



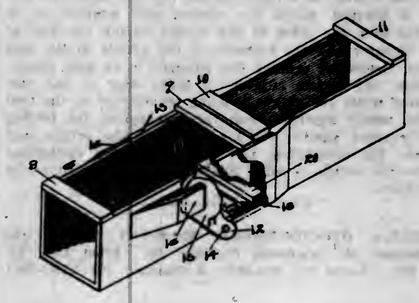
1. A device of the class described adapted for use with stringed musical instruments, comprising a supporting member extending across the strings of said instrument; a plurality of suspension members mounted on said supporting member; and contact buttons mounted on said suspension members in free swingable relation thereto; means for covering the lower portion of said suspension members for preventing sound producing contact with said buttons, said supporting member being adapted for rocking movement for bringing said buttons into engagement with said strings or moving the same out of said engagement.

1,575,729. ALTERNATING-CURRENT MOTOR. HANS WEICHSEL, St. Louis, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a Corporation of Delaware. Filed May 15, 1924. Serial No. 713,422. 5 Claims. (Cl. 172—275.)



1. In an alternating current motor, the combination of an inducing member provided with a commuted winding, an induced member provided with a plurality of exciting windings adapted to produce an N-pole magnetization of more than two poles, a plurality of brushes on the commutator, one of said exciting windings being connected in series with a pair of brushes of positive polarity and a second exciting winding being connected in series with a pair of brushes of negative polarity, and means for interconnecting said exciting windings.

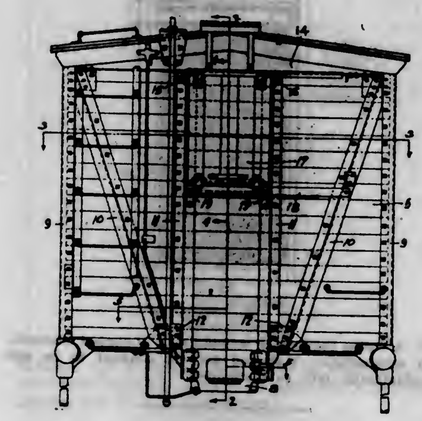
1,575,730. JOINT. HENRY J. ALTNOW, Portland, Oreg. Filed Apr. 13, 1925. Serial No. 22,899. 3 Claims. (Cl. 287—92.)



1. In a joint: a pair of pivotally connected box-like members; side wings upon one of said members embracing the other of said members therebetween; hooks upon the other of said members adapted to engage said wings; and cross bars upon the adjacent ends of said members adapted to coact to take the end strain.

1,575,731. END CONSTRUCTION FOR RAILWAY CARS. HARRY T. ANDERSON, Butler, Pa., assignor to Standard Steel Car Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed May 20, 1924. Serial No. 714,657. 2 Claims. (Cl. 105—411.)

1. The combination with a railway car provided with an end wall and a striking plate, of vertical braces extending from a point adjacent to the upper edge of said wall to the lower edge thereof and terminating behind said striking plate, and diagonal braces extending from a point adjacent to the upper corners of said wall to a



point adjacent to the lower edge of said wall, the lower ends of said diagonal braces being secured to the vertical braces.

1,575,732. SHORT-CIRCUIT SWITCH. FAYETTE H. BACHMAN, Oakland, Calif. Filed Feb. 21, 1924. Serial No. 694,407. 5 Claims. (Cl. 179—158.)



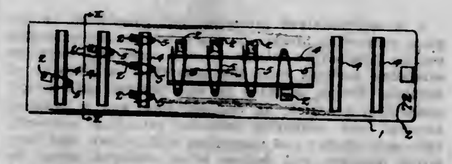
1. A short circuit switch in a telephone transmitter circuit comprising a cup, a conduit extending from said cup and a push button switch in said cup the leads of which extend to the transmitter leads through said conduit and means to secure said cup and conduit to the telephone receiver.

1,575,733. MOP SHAKER. CELIA BERNSTEIN, New York, N. Y. Filed Nov. 7, 1925. Serial No. 67,612. 4 Claims. (Cl. 15—104.)



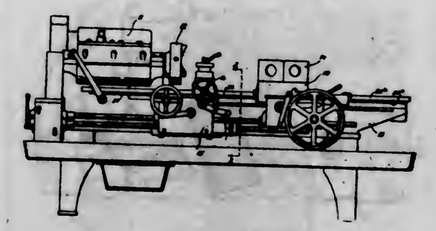
1. A mop shaker comprising a container provided in one side wall thereof with a slot extending inwardly from the edge for receiving the handle of a mop, whereby the map handle may project laterally away from the container, and slidable means guided upon said wall of the container adapted to restrict the size of said aperture.

1,575,734. HOLDER FOR MARKING PINS. MATTHEW J. BUCKLEY, Milwaukee, Wis. Filed Jan. 9, 1925. Serial No. 1,379. 5 Claims. (Cl. 40—19.5.)



1. Pin holding means comprising a member having an aperture therein for receiving a pin therethrough, said member having adjacent said aperture a slot, said slot being spaced away from said aperture to receive the guard of said pin when the latter is in open position.

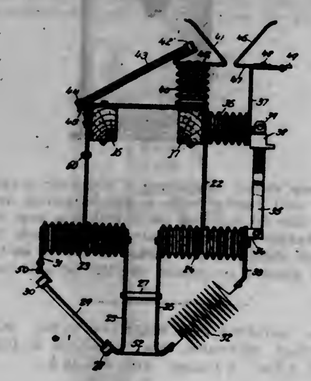
1,575,735. WAY GUARD FOR MACHINE TOOLS. EDWARD P. BURRELL, Shaker Heights, and JOHN J. N. VAN HAMERAVELD, Cleveland, Ohio, assignors to The Warner and Swasey Company, Cleveland, Ohio, a Corporation of Ohio. Filed Mar. 26, 1924. Serial No. 701,909. 16 Claims. (Cl. 82—32.)



1. A machine tool having a bed with ways for a plurality of slidable members, one or more of said ways being common to said sliding members, and guard members extending over the common way or ways and protecting the working surfaces thereof without interfering with

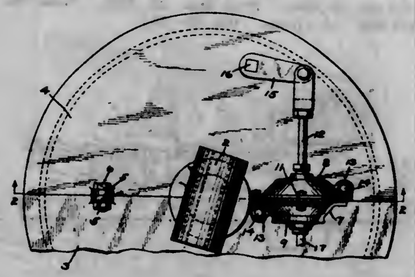
the movements of the sliding members, said guard members being in overlapping relation and one attached to one sliding member and another to another sliding member.

1,575,736. PROTECTIVE APPARATUS. NICHOLAS J. CONRAD, Wilmette, Ill., assignor to Schweitzer & Conrad, Chicago, Ill., a Corporation of Illinois. Filed May 24, 1920. Serial No. 383,822. 2 Claims. (Cl. 175—30.)



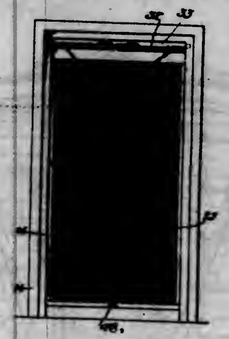
1. A self-contained protector unit comprising an angular supporting bracket having a horizontally extending portion adapted to engage a cross arm and vertically extending portions depending therefrom, a plurality of electrical devices mounted on said bracket, said devices comprising a switch, an enclosed fuse, and a lightning arrester, and insulating members extending outwardly from said bracket and supporting said devices, said insulating members and devices being arranged about the bracket to follow the general outline thereof and certain of said devices depending below said bracket whereby a minimum amount of space is required for said unit.

1,575,737. AUTOMOTIVE BRAKE. JOHN F. CRAIG, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Jan. 2, 1923. Serial No. 610,114. 3 Claims. (Cl. 188—152.)



1. The combination with a vehicle brake drum, of a cover plate for said drum comprising two half sections and a fluid pressure brake chamber comprising two casing members, one of said members being carried by each plate half section.

1,575,738. SCREEN. WILLIAM N. CROPPER, Lexington, Ky. Filed Jan. 8, 1925. Serial No. 1,284. 5 Claims. (Cl. 156—14.)



1. A screen comprising substantially V-shaped channels, and substantially V-shaped keepers adapted to be slid longitudinally into said channels.

1,575,739. WHEEL. LEWIS K. DALRYMPLE, Chicago, Ill., assignor of four one-hundredths to Albert H. Adams, Oak Park, Ill., and four one-hundredths to John L. Jackson, River Forrest, Ill. Filed Sept. 20, 1920. Serial No. 411,553. Renewed Aug. 15, 1925. 11 Claims. (Cl. 301—16.)

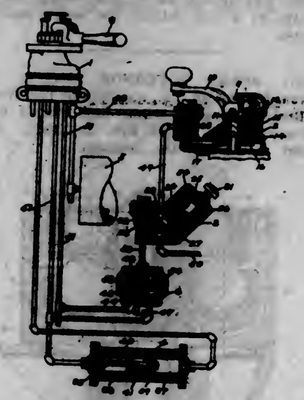


1. A wheel having a hub, an intermediate portion, a laterally-extending flexible rim flange carried by said intermediate portion and adapted to fit within an outer rim and to be deflected angularly relatively to said intermediate portion into gripping engagement with said outer rim, and means for so deflecting said rim flange.

1,575,740. FLUID-PRESSURE BRAKE. JOSEPH M. DAPRON, St. Louis, Mo., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Apr. 28, 1925. Serial No. 26,403. 3 Claims. (Cl. 303—6.

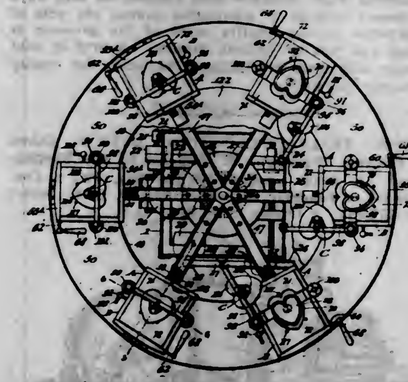
1. The combination with a door engine having a door opening pipe, a straight air pipe, and a valve device

operated by fluid under pressure for preventing an emergency application of the brakes, of a valve for permitting the flow of fluid from the door opening pipe to the brake



cylinder, and a double check valve for controlling communication from the straight air pipe and from the door opening pipe to said valve device.

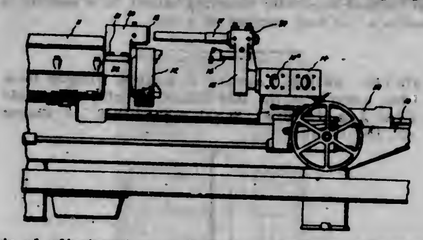
1,575,741. APPARATUS FOR FORMING AND CLAMPING PAPER BOXES IN THE PROCESS OF MANUFACTURE. IRVING A. DELINE, Denver, Colo. Filed Oct. 17, 1925. Serial No. 63,069. 22 Claims. (Cl. 93—55.)



1. In a machine of the character described, a table having an intermittent rotary movement, a series of mechanisms on said table for forming and clamping box bands for the reception of tops and extensions, and means for clamping said extensions to said tops.

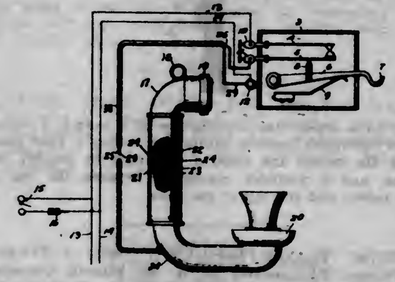
1,575,742. PILOT-BAR CONSTRUCTION FOR MACHINE TOOLS. GEORGE W. DRAKE, Cleveland Heights, and MAX E. LANGE, East Cleveland, Ohio, assignors to The Warner and Swasey Company, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 16, 1924. Serial No. 706,808. 17 Claims. (Cl. 29—57.)

1. In a machine tool, a frame, work and tool holding members one movable toward and from the other along the frame, and means for producing a stiffening or steadying action in the movable member comprising a pilot bar and a co-operating part each associated with one of said members and adapted to have sliding engagement by the relative movement between said members, both the pilot bar and said co-operating part being capa-



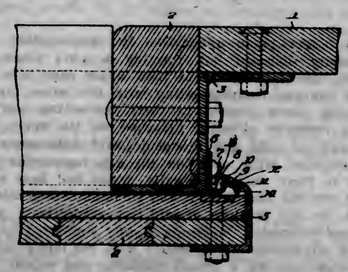
ble of adjustment so as to compensate for misalignment of said parts, and also to compensate for an angular displacement thereof relative to a position in parallelism with the axis of the machine.

1,575,743. TELEPHONE INSTALLATION. EDWARD A. DRISCOLL, New York, N. Y. Filed Sept. 11, 1924. Serial No. 737,052. 3 Claims. (Cl. 179—81.)



1. In a telephone installation, the combination of a transmitter, a receiver, a contact, an induction coil having a primary winding and a secondary winding, a telephone line including said contact and having two portions in parallel with each other and each in series with said contact, one of said portions including said primary winding, the other of said portions including said receiver and the secondary winding of the induction coil, and a ringer bridged across the line, said ringer and both portions of said telephone line being controllable by said contact.

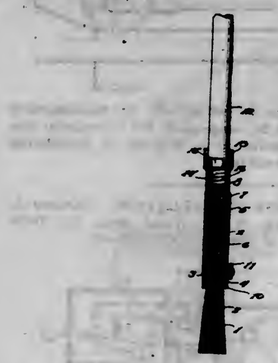
1,575,744. CAR-DOOR GUARD STRIP. CARL E. EKLIND, Berwyn, Ill., assignor to Camel Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 13, 1924. Serial No. 737,522. 7 Claims. (Cl. 20—26.)



1. A guard strip for freight car doors, comprising in one rolled metal structure, an attaching base, an offsetting web extending rearwardly from said attaching base and providing a wall of an eddy pocket, a deflected portion

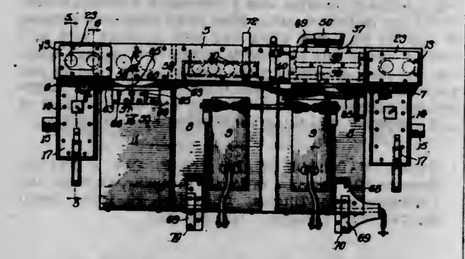
extending inwardly from the rear line of said web, terminating in a striking salient and providing another wall of the eddy pocket, and a sealing lip extending rearwardly but inclined outwardly from said salient, in a position to receive a co-acting member on a door.

1,575,745. BROOM. ARTHUR F. ELKINS, Hanging Rock, Ohio, assignor to Ida May Elkins, Hanging Rock, Ohio. Filed Aug. 7, 1924. Serial No. 730,649. 3 Claims. (Cl. 15—176.)



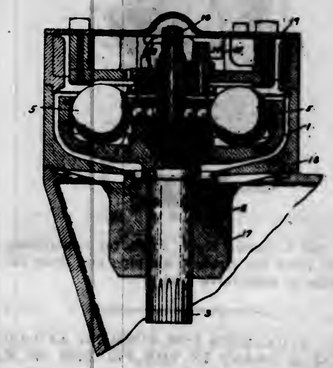
1. In a broom, the combination of a holder, a broom head removably secured within the holder, a yoke spanning the holder and engaged therewith to support the same, and a yieldable connection between the top of the holder and the top of the yoke.

1,575,746. PLAYER-PIANO UNIT. OSCAR A. ERICSON, Chicago, Ill., assignor to W. W. Kimball Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 11, 1922. Serial No. 606,049. 1 Claim. (Cl. 84—30.)



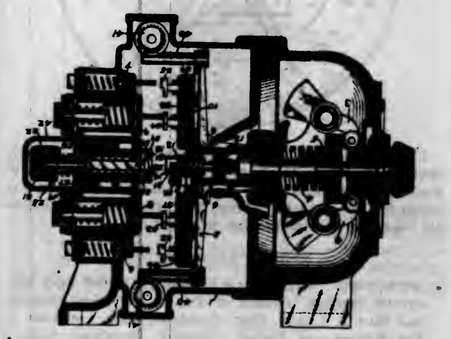
In a player piano apparatus, the combination of a horizontally disposed box forming a wind trunk, exhausters directly attached at their upper ends to a wall of said box and communicating with the latter through registering ports formed in their contacting walls, a vacuum reservoir directly attached at its upper ends to a wall of said box alongside said exhausters and communicating with said box through registering ports formed in their contacting walls, treble and bass action cut-offs directly mounted on and communicating interiorly with the end portions of said box, respectively, treble and bass expression governors rigidly connected to said box and communicating interiorly with the latter through said action cut-offs, a tempo regulator and re-roll valve both directly mounted on said wind trunk and communicating with the latter through registering ports formed in their contacting walls, a pneumatically operated control-valve mechanism mounted on said vacuum reservoir and communicating directly with the latter through registering ports, air conductors connecting said control-valve mechanism with said action cut-offs, expression governors and re-roll valve, and means for mounting said parts as a unit within the lower portion of the piano case.

1,575,747. SPEED-GOVERNOR DEVICE. CLYDE C. FARMER, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Feb. 25, 1922. Serial No. 539,286. 4 Claims. (Cl. 200—80.)



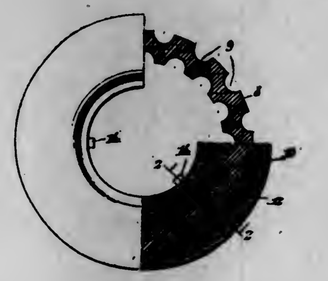
1. A speed governor comprising a rotatable casing having inclined ways, governor balls disposed on said ways and thereby capable of gravitating toward the axis of the governor as the rotative speed of the governor is reduced, and movable contact members operated by said governor balls upon gravitational movement for closing an electric circuit.

1,575,748. TRAIN-SPEED-CONTROL DEVICE. CLYDE C. FARMER, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed June 5, 1924. Serial No. 717,982. 8 Claims. (Cl. 303—21.)



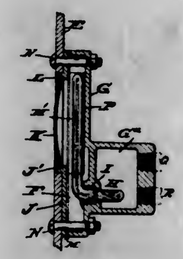
1. In a train control apparatus, the combination with a speed governor operated according to the speed of the train, of a plurality of valves, actuating means associated with said governor for operating said valves, and means for adjusting said actuating means to operate said valves at different train speeds.

1,575,749. CUSHION VEHICLE TIRE. JOSEPH FIELDING, New York, N. Y., assignor of one-half to Luther L. Campbell, New York, N. Y. Filed Feb. 14, 1925. Serial No. 9,221. 2 Claims. (Cl. 152—1.)



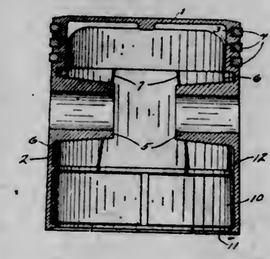
2. A tire filler composed of resilient material and having a spiral circular passage extending longitudinally thereof and a strand of more pliable material within said passage.

1,575,750. MEANS FOR DETERMINING THE TEMPERATURE OF INTERNAL-COMBUSTION ENGINES. SHUBEL A. FOSTER, Ferndale, Mich. Filed Mar. 21, 1925. Serial No. 17,188. 1 Claim. (Cl. 73—52.)



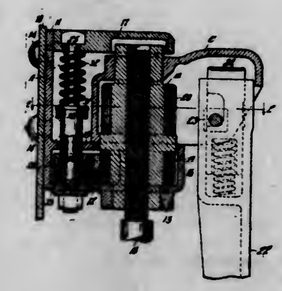
In a device of the character described; an indicator frame adapted for attachment to the instrument board of a motor vehicle having an outwardly projecting closed chamber provided with inlet and outlet orifices; a thermometer tube supported in the wall of the indicator frame with its bulb extending into said closed chamber; means adapted to provide a water seal between the thermometer tube and the wall through which it extends; a cover plate having an opening surrounded by an annular rim; a glass window or lens fitted into said annular rim, through which a reading of the thermometer may be obtained; a split ring lodged in a peripheral groove formed in said rim, adapted to overlap the marginal edge of the window or lens, whereby the latter may be secured against accidental displacement; a graduated sheet lodged in said frame to provide a thermometer reading, and bolts extending through apertures provided in the frame and cover plate, to secure said frame and cover plate to the walls of an instrument board.

1,575,751. PISTON FOR INTERNAL-COMBUSTION ENGINES. LEE FOX, Rock Island, Ill. Filed Nov. 9, 1923. Serial No. 673,784. 1 Claim. (Cl. 74—108.)



A piston, comprising a head, and a skirt provided with wrist-pin bosses, and having longitudinal slots on opposite sides of said bosses, extending to the open end of said skirt, and converging in that direction, so that the sides of the piston receiving the connecting rod thrust will have greater expansible capacity than the other sides thereof.

1,575,752. HAND BRAKE FOR RAILWAY CARS. WILLIAM A. GEIGER, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Apr. 3, 1924. Serial No. 703,842. 6 Claims. (Cl. 74—116.)

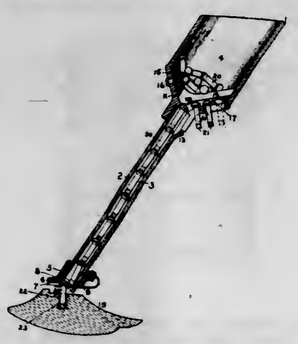


1. In a hand brake for railway cars, the combination with a vertical brake staff and a ratchet wheel rotatable in unison therewith; of means for rotating said staff in a step-by-step movement; a locking dog co-acting with said ratchet wheel to prevent accidental reverse rotation thereof; means automatically operable to lock said dog in inoperative position when the latter is moved to said inoperative position, said means including an element operable to effect re-setting of said dog in normal position; and a lever pivoted about an axis at an angle to the axis of said element and adapted to co-act therewith to operate the same.

1,575,753. METHOD AND MEANS FOR PLACING PINS IN ARTIFICIAL TEETH. ALBERT E. GIBSON, Springfield, Pa., assignor to The Dentists' Supply Company, a Corporation of New York. Filed July 18, 1924. Serial No. 726,685. 7 Claims. (Cl. 29—86.1.)

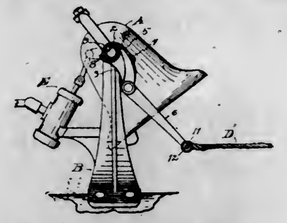
1. A tool for inserting headed pins in holes of objects, consisting of a stem having a passage for pins extending through it and to the bottom thereof, means at the

extreme bottom of the stem for holding the head of the pin while permitting its shank to project downward from below the stem so as to be exposed, and



means for guiding the pin with its shank exposed in an approximately horizontal direction to release it from the holding means.

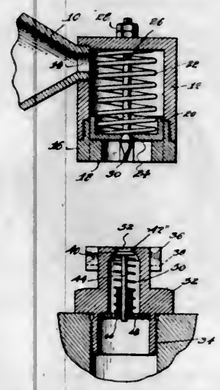
1,575,754. BELL RINGER. GEORGE W. GILL, Battle Creek, Mich., assignor of one-half to Walter E. Knopp, Battle Creek, Mich. Filed Nov. 2, 1925. Serial No. 66,418. 3 Claims. (Cl. 116—150.)



3. In a bell ringer, the combination with a yoke, its supporting shanks, a bracket in which said yoke is journaled to swing, and a bell carried within said yoke, a collar rigidly attached to a shank of said yoke, an arm journaled on said shank between said collar and the supporting bracket for said yoke, said collar having an eccentric-formed tooth on one side and approximately on a plane with its axis, when said bell is idle, a lever pivotally suspended at the free end of said arm and below said collar and having an upper end disposed in close proximity below and to one side of said tooth when said bell is idle, and adapted to be moved into engagement with said tooth and roll said collar and bell yoke and ring said bell, and to release said tooth by gravity suspension when released.

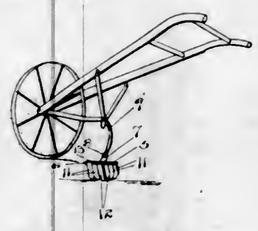
1,575,755. CONNECTION FOR LUBRICATING SYSTEMS. PETER GRESSER, Chicago, Ill. Filed June 15, 1925. Serial No. 37,213. 8 Claims. (Cl. 284—18.)

1. In a connection for a lubricating system, a female part provided with a valve-controlled orifice, a male part provided with a valve-controlled orifice and with a notched external collar, said male part adapted to be received within the female part to bring said orifices into communication, said female part provided with an internal collar notched to permit the collar on the male part to pass therethrough and engage on the rearward side thereof, the meeting faces of said collars having co-operating locking portions adapted to releasably engage each other to prevent relative rotation of said parts said female part provided with a pin adapted to engage and unseat the valve of the male part during the locking movement of said parts, said pin provided with a valve seat, the valve of said female part slidably associated with said pin to provide a lubricant passage-



way therearound and held normally outwardly by a spring against the seat on the pin, said male part having a portion adapted to engage the valve of said female part during the movement of engagement of said parts and unseat the same.

1,575,756. CUTTER. CLESSON S. HARRIS, Newberg, Oreg. Filed Dec. 26, 1923. Serial No. 682,697. 2 Claims. (Cl. 97—201.)

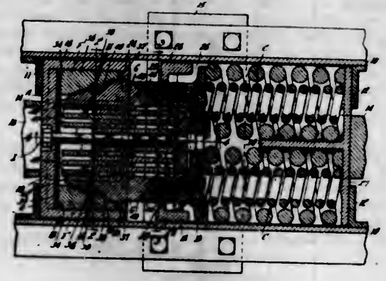


1. In a cutter; a cross bar; a plurality of double-edged cutter knives secured thereto and depending therefrom; centrally directed curved lower extremities upon said knives; a pair of centrally disposed knives similar to said former knives but extending below the same; and a clip for securing said cross bar upon an implement.

1,575,757. FRICTION SHOCK-ABSORBING MECHANISM. STACY B. HASELTINE, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delawnre. Filed Apr. 30, 1923. Serial No. 635,517. 6 Claims. (Cl. 213—36.)

1. In a friction shock absorbing mechanism, the combination with a column-load-sustaining member; of a main follower movable relatively toward and from said member; a plurality of friction elements mounted on said member; means for holding said elements against movement longitudinally of said member, said means including a fixed abutment wall on said member engaging the rear ends of said elements; a plurality of friction elements intercalated with respect to said first named friction elements, said last named elements being connected to the front follower and movable therewith; a

pair of wedges carried by said front follower; a spring resistance; a spring follower co-acting with said spring resistance, said spring follower being arranged in spaced



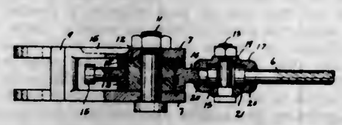
relation to all of said elements; and a pair of wedge shoes interposed between said spring follower and said wedges, said wedge shoes bearing on the outermost of said elements.

1,575,758. WARPING MACHINE. ALBERT HABLER and EZRA L. PROBERT, Hazleton, Pa., assignors to Dupian Silk Corporation, New York, N. Y., a Corporation of Delaware. Filed July 18, 1925. Serial No. 44,426. 8 Claims. (Cl. 242—74.)



1. In a warping machine, a beam including a body, and means on said body normally projecting beyond the outer surfaces thereof for engaging a warp receiving cylinder thereon and preventing longitudinal movement of said cylinder relative to said body.

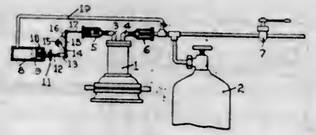
1,575,759. CABLE CONNECTION. AMZI F. HAYNIE, Batson, Tex. Filed July 7, 1925. Serial No. 42,109. 12 Claims. (Cl. 74—5.)



1. A connection of the character described including a bracket formed with spaced jaws, a rotatable hub mounted between the jaws at one end, a radiating arm carried by said hub, said arm having an enlarged free end.

1,575,760. FLUID-PUMP-CONTROLLING DEVICE AND THE LIKE. CHARLES FREDERIC HEYWOOD, Buenos Aires, Argentina. Original application filed Aug. 27, 1921, Serial No. 495,916. Divided and this application filed July 24, 1923. Serial No. 653,608. 3 Claims. (Cl. 230—24.)

1. In a device of the class described, the combination with a fluid receptacle, and a continuously operable pump for supplying fluid thereto under pressure, of a non-return valve associated with said receptacle, an inlet valve admitting fluid into said pump, a valve actuating rod, a snap mechanism operating said rod, and pneumatic



means operable by the pressure of fluid delivered by said pump effecting the direct actuation of said snap mechanism.

1,575,761. MANUFACTURE OF YEAST. CHARLES HOFFMAN, Tuckahoe, NATHAN MINTON CREGOR, New York, and HARRY DAVETT GRIGSBY, Brooklyn, N. Y., assignors, by mesne assignments, to The Fleischmann Company, New York, N. Y. Filed Mar. 22, 1922. Serial No. 545,857. 4 Claims. (Cl. 195—20.)

1. A process of manufacturing baker's yeast which comprises preparing a mash by gelatinizing starch-containing materials including cereal germs and polishings, saccharifying the mass with malt and digesting with papain, filtering off the liquid and thereafter propagating yeast therein with aeration.

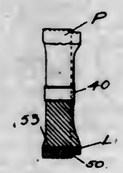
1,575,762. PREPARING YEAST FOR USE IN FOOD PRODUCTS. CHARLES HOFFMAN, Tuckahoe, N. Y., and CHARLES N. FREY, Warren, Ohio, assignors, by mesne assignments, to The Fleischmann Company, New York, N. Y. Filed Sept. 15, 1923. Serial No. 662,989. 12 Claims. (Cl. 99—5.)

8. The steps in the process of treating yeast which consist in treating the yeast with a saturated solution of ammonium sulphate, heating to substantially 85° C., removing at least a portion of the ammonium sulphate by washing, and then filtering and drying without rupturing the cell walls.

10. As a food product, a devitalized dried yeast with the walls of the yeast cells substantially unruptured.

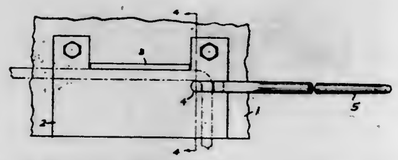
12. As an improved product, a devitalized yeast, with the walls of the yeast cells substantially unruptured and with the protoplasmic material in the cells coagulated, which is admixed with ammonium sulphate.

1,575,763. SOLE TRIMMING AND POLISHING WHEEL. FRED G. HOOKE and JAMES J. FLYNN, Lowell, Mass. Filed July 29, 1925. Serial No. 46,745. 2 Claims. (Cl. 51—195.)



1. In a shoe sole trimming and polishing wheel the combination with a cylindrical body; of a felt band attached to the periphery thereof, said felt band having an annular groove of substantially right angular cross section; and a strip of emery cloth having emery on the inner side, which is cemented and shrunk on to the felt band.

1,575,764. ROD BENDER. THEO BOYD HUBBARD, Houston, Tex. Filed May 24, 1924. Serial No. 715,761. 1 Claim. (Cl. 153—45.)



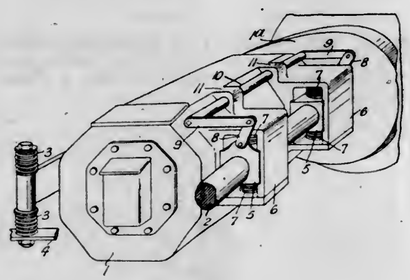
In combination a rod bender comprising a base formed with a socket bearing therein, a portion of said base being integral and upturned forming a flange spaced from the bearing, a filler block associated with the flange, a handle formed at one end with a spindle adapted to work in said bearing and a depending lug carried by the handle lying in the same plane as said spindle and spaced therefrom.

1,575,765. WASHBOARD. WILLIAM W. HUBBARD, Mendota, Ill. Filed June 9, 1921. Serial No. 476,114. 6 Claims. (Cl. 68—29.)



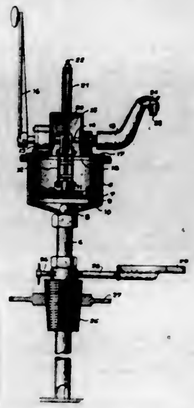
1. A wash board comprising a frame and a plurality of rollers journaled therein, each having a corrugated surface composed of ribs tapering circumferentially in height, and thus having elliptical profiles.

1,575,766. ELECTRICALLY-PROPELLED VEHICLE. ALBERT HENRY JACKSON, London, England. Filed June 15, 1925. Serial No. 37,190. 2 Claims. (Cl. 105—136.)



1. In an electric locomotive, tram car or other electrically propelled vehicle of the type referred to, the combination of an electrically driven motor, an axle driven thereby, a torsion member, and links connecting the motor to the axle through the torsion member in such manner that the axes of the motor and the axle are maintained parallel with one another.

1,575,767. PUMP. HARRY JACKSON, Brooklyn, N. Y. Filed Mar. 16, 1923. Serial No. 625,483. 4 Claims. (Cl. 103—178.)

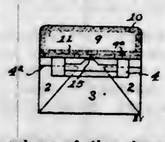


1. A pump including a piston, a pair of links having one of their ends connected to said piston, a crank having a swinging movement of less than 360° connected with the opposite ends of said links and a casing enclosing said piston, links and crank.

1,575,768. LEAD COVERING OF ELECTRIC CABLES AND THE LIKE BY EXTRUSION. ERNEST EDWARD JUDGE, Gravesend, England, assignor to W. T. Henley's Telegraph Works Company Limited, London, England. Filed Feb. 5, 1925. Serial No. 6,952. 2 Claims. (Cl. 207—4.)

1. A press for the continuous extrusion of lead sheathing on electric cables and the like comprising a cylinder adapted to be charged with molten lead, a supporting ring at the rear end of said cylinder, a tubular point holder supported so as to form an annular space within said cylinder by having its rear end mounted on said supporting ring, a plunger adapted to be reciprocated in said cylinder, said plunger having sector-like guide members adapted to slide through corresponding apertures in said supporting ring and an annular front end filling the annular space between said cylinder and said tubular point holder.

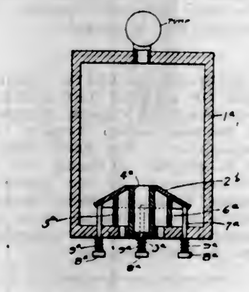
1,575,769. RETURN ENVELOPE. JOHN A. KAYE, Sault Ste. Marie, Ontario, Canada. Filed May 17, 1924. Serial No. 713,894. 3 Claims. (Cl. 229—73.)



1. A return envelope of the character described, including front and back portions, a sealing flap carried by the front portion and provided at marginal portions

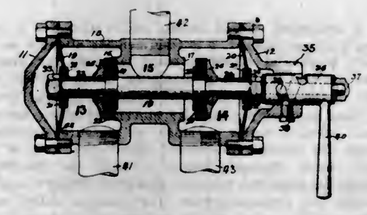
thereof with adhesive by means of which it can be secured to the back portion to initially seal the envelope and will cooperate with the said back portion to form a pocket which is separated from the interior of the envelope by the back portion, and an extension projecting from the upper edge of the back portion and adapted to be secured to the front portion of the envelope upon the second sealing thereof, said extension being compactly folded upon itself and fitted within the pocket between the sealing flap and the back when the envelope is initially sealed, so that the interior of the envelope is not obstructed thereby.

1,575,770. METHOD OF CREATING AND MAINTAINING A VACUUM. GUY L. KENNEDY, New York, N. Y., assignor to Ken-Crip Corporation, New York, N. Y., a Corporation of New York. Original application filed Feb. 23, 1924, Serial No. 694,792. Divided and this application filed Aug. 3, 1925. Serial No. 47,864. 6 Claims. (Cl. 230—18.)



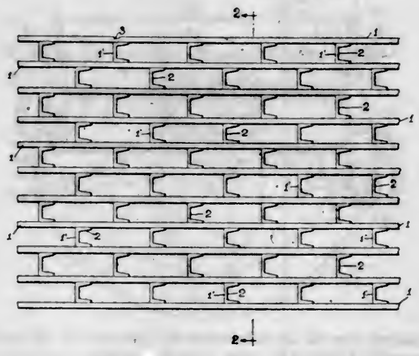
1. The method of producing a substantially constant vacuum in the midst of conditions of varying pressure tending to alter said vacuum, which consists in creating a vacuum of a predetermined degree and utilizing the effect of said varying pressure to maintain the predetermined vacuum substantially constant.

1,575,771. THREE-WAY VALVE. JOHN A. KING, Milwaukee, Wis., assignor of one-half to Walter H. Riley, Milwaukee, Wis. Filed Mar. 27, 1924. Serial No. 702,305. 12 Claims. (Cl. 277—13.)



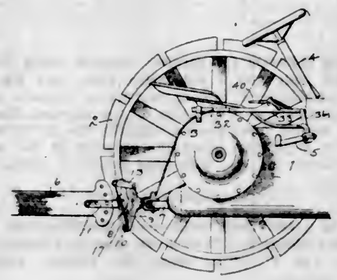
1. In a three-way valve, a casing provided with a chamber at each end and an intermediate central passage connecting such chambers, caps upon the ends of the casing to complete the closure, diaphragms held upon the ends of the casing by the said caps, and a longitudinally movable shaft within the casing and supported at its ends in floating relation by the said diaphragms.

1,575,772. GRATING. MAURICE LACHMAN, New York, N. Y. Filed Jan. 9, 1925. Serial No. 1,369. 7 Claims. (Cl. 94—30.)



5. As a new article of manufacture, a metal grating comprising parallel spaced members and interposed spacing inserts consisting of transverse sections of rolled flanged metal bars with the web of each section transverse to the plane of the grating and each said section engaging by the flat outer face of each flange against the flat face of said members and being welded thereto as and for the purpose described.

1,575,773. TRACTION HITCH. VERNON H. LAMBERT, Xenia, Ohio. Filed Aug. 27, 1923. Serial No. 659,580. 8 Claims. (Cl. 280—33.16.)

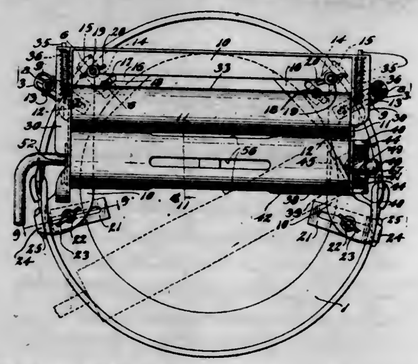


1. A safety coupling including two relatively movable members connected respectively to draft and drawn devices, and tending to separate under influence of pulling strain, two interpivoted members forming a togglelike member, the opposite ends of the interpivoted members being in engagement respectively with the said movable members, the strain of the draft connection tending to oscillate said interpivoted members about their intermediate pivotal connection to permit relative movement of the first mentioned members and means yieldingly resisting such movement.

1,575,774. WRINGING APPARATUS. SIMEON C. LAWLOR, Chicago, Ill. Filed Nov. 12, 1920. Serial No. 423,573. 4 Claims. (Cl. 15—262.)

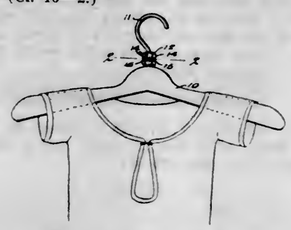
1. In a wringing apparatus, the combination, with a frame adapted to be mounted on a scrubbing pail, of a

roller rotatably carried by the frame, a co-operating, movably-mounted roller, a pivotally mounted journal



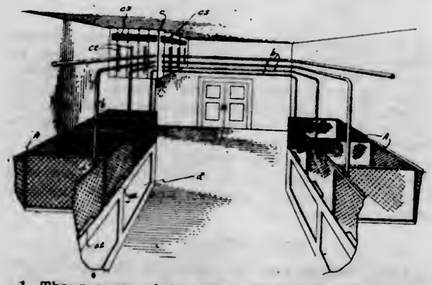
bearing for the second-mentioned roller, and a pivotally mounted support for said journal bearing.

1,575,775. SIZE INDICATOR FOR GARMENT HANGERS. BERNARD LESSER, Cedarhurst, N. Y. Filed June 7, 1923, Serial No. 643,970. Renewed July 2, 1925. 1 Claim. (Cl. 40—2.)



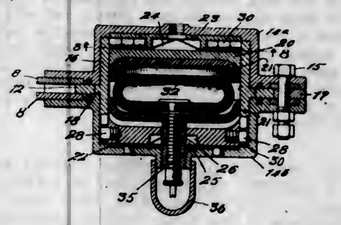
A size indicator for garment hangers which includes a hanger body and a suspension hook, said size indicator comprising a tubular multifaced element having indicia indicative of the size of the garment inscribed on the several faces thereof whereby the device is supported in a position above the garment on the hanger, and whereby the size indicating indicia is visible from any angle.

1,575,776. METHOD AND APPARATUS FOR HANDLING MONEY. SAMUEL M. LONDY, Detroit, Mich. Filed Aug. 12, 1925. Serial No. 49,862. 8 Claims. (Cl. 243—1.)



1. The process of handling money, consisting in receiving and paying out money in small lots at one position and transmitting the money as fast as received to a robber proof compartment.

1,575,777. SHOCK ABSORBER. JASPER A. MCCASKELL, Salt Lake City, Utah. Filed Nov. 16, 1922. Serial No. 601,229. 8 Claims. (Cl. 267—8.)

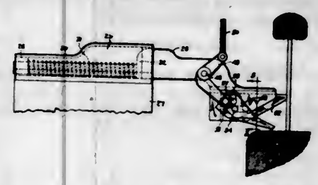


1. A shock absorber comprising a tubular chamber, a piston in each end of said chamber, an air drum between said pistons, packing means between each piston and the air drum, and means to move the pistons toward or away from each other when the relative position of the vehicle and the running gear is changed.

1,575,778. CELLULOSE ACETATE COMPOSITION AND METHOD OF MAKING THE SAME. LESTER J. MALONE and STEWART J. CARROLL, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Aug. 2, 1920. Serial No. 400,703. 10 Claims. (Cl. 106—40.)

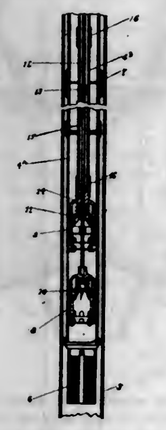
1. A flowable composition for the manufacture of transparent flexible films, comprising acetone-soluble cellulose acetate, a solvent therefor, castor oil, and a transparency-inducing substance, said composition being substantially free from nitrocellulose.

1,575,779. COMBINED THREAD CLAMP AND CUTTER. THOMAS A. MARSHALL, Rosemary, N. C., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed May 31, 1924. Serial No. 716,891. 1 Claim. (Cl. 139—263.)



In a combined thread clamp and cutter for a loom having a lay, a support, a cutter member slidable on the support, a pivoted cutter element mounted for angular motion on the support, a clamping member fixed with respect to the support, a pivotal clamping element mounted on said support for angular movement about the axis of said pivoted cutter member, a pressure distributor mounted for pivotal movement about the axis of the pivoted cutter element, means to hold the distributor yieldingly against the pivoted clamping element, and an actuating pin extending from the slidable cutter member through the fixed clamp member and through slots formed in the pivoted elements and distributor, the slots in the elements and distributor being oblique with respect to the direction of movement of the sliding cutter, the rear end of the sliding cutter projecting rearwardly beyond the clamping member when th cutter is to operate to be engaged by the lay when the latter moves forwardly, and the actuating pin moving the pivoted elements and distributor with respect to the slidable cutter member and fixed clamping member as the lay advances.

1,575,780. DEEP-WELL PUMP. WILLIAM A. MINOR, Rochester, N. Y., assignor to Luitweiler Pumping Engine Company, Rochester, N. Y., a Corporation of New York. Filed Nov. 1, 1924. Serial No. 747,238. 1 Claim. (Cl. 103—200.)



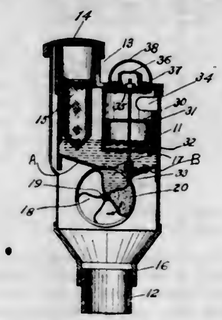
A deep well pump comprising a cylinder having a discharge at its upper end, two pistons operating in the cylinder, each provided with a valve, and two rods, each connected to one of the pistons, the rod connected to the uppermost piston being hollow throughout its length and extending to the top of the pump above the discharge opening and having openings at different levels communicating with the cylinder below the discharge outlet of the pump and above the uppermost piston to provide a free flow between the interior of the hollow rod and the chamber of the cylinder above said uppermost piston to permit a free surging action throughout the length of the hollow rod.

1,575,781. ELEVATING TRUCK. FRANK A. MORAN, Springfield, Mass., assignor to National Scale Corporation, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Oct. 13, 1924. Serial No. 743,284. 14 Claims. (Cl. 254—10.)



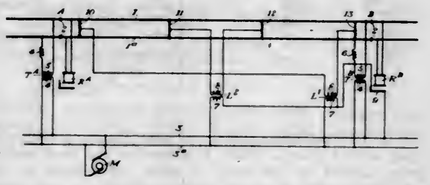
1. An elevating truck having a body frame and a lifting platform, a swiveled wheel, a shaft by which said wheel is mounted in the body frame, a lifting block arranged to slide on said shaft and connected to said lifting platform so as to raise the latter when raised itself, a lock block mounted to slide on said shaft beneath said lifting block, a lock carried by said lock block and adapted to interlock with said shaft when placed in a given position, a lifting cam pivoted to said lock block, and a cam abutment independently connected to the swivel shaft and arranged to receive the thrust of said cam.

1,575,782. LIQUID-MEASURING DEVICE. WILLIAM F. MOWRY, Attleboro, Mass. Filed July 5, 1924. Serial No. 724,387. 5 Claims. (Cl. 73—37.)



1. A liquid measuring device for a storage receptacle, comprising a receiving tank having an inlet and a passageway therein placed above and communicating with the receptacle, a bucket wheel beneath said passageway, an indicator operatively related to the wheel, a float in said tank and means actuated by said float for automatically locking the wheel against rotation when there is no liquid flowing through the passageway.

1,575,783. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. BERNARD E. O'HAGAN, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Oct. 14, 1924. Serial No. 743,524. 6 Claims. (Cl. 246—34.)



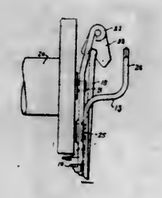
1. In combination, a stretch of railway track, and means for simultaneously supplying train controlling loop current to the two rails of said stretch in parallel throughout the same portion of the stretch from two sources.

1,575,784. MAGNIFIER. DENIS HENRY O'MEARA, Detroit, Mich., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed July 16, 1924. Serial No. 726,317. 6 Claims. (Cl. 88—14.)



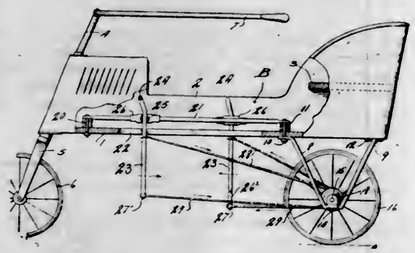
1. In a device of the character described, a base plate having a plurality of recesses at one end, an arm having a pointer pivoted at the other end of the base plate, said pointer being adapted to travel over the recesses in the end of the base plate about its pivot, a second arm pivoted on the same pivot with the first arm and having a lens aligned with the pointer.

1,575,785. TUBE-FRAME BRACKET. ARTHUR P. PAINE, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed July 19, 1924. Serial No. 727,072. 6 Claims. (Cl. 139—10.)



1. A tube frame bracket comprising a chain engaging member effective to locate the tube frame laterally and a spool bearing member, both of said members extending above the chain when operatively connected therewith, a depending rigid latch pivoted to the upper part of said spool bearing member, and means to move said latch to operative and inoperative positions relative to the chain.

1,575,786. VELOCIPEDE. JOHN E. PARR, Connell, Wash. Filed Apr. 16, 1925. Serial No. 23,656. 6 Claims. (Cl. 208—36.)



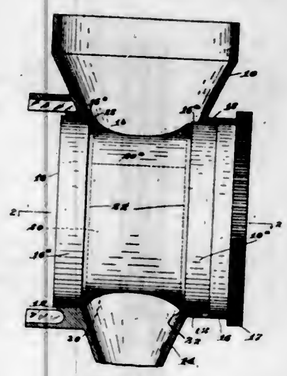
1. A velocipede comprising, in combination, a body provided with a floor, a shaft, bearings for the shaft operatively carried by the body, a drive wheel fixed to the shaft, two pairs of spools loosely mounted on the shaft, a pinion fixed to the shaft adjacent to each pair of spools, a dog carried by one of each pair of spools engaging the adjacent pinion, two pedals supported by the floor of the body for reciprocating movement, a flexible member secured to each of the pedals and winding around a spool of one pair, and a second flexible member secured to each pedal and winding around a second spool of each pair, the spool coacting with one of the second flexible members being comprised in one pair of spools and the spool associated with the other of said second named flexible members being comprised in the other pair of spools.

1,575,787. TOBACCO PIPE, CIGAR, CIGARETTE, OR HOLDER THEREFOR. JACQUES PERL, Berlin, Germany. Filed Dec. 29, 1921. Serial No. 525,759. 2 Claims. (Cl. 131—12.)



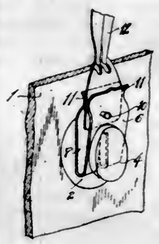
2. As an article of manufacture, a cartridge for cooling tobacco smoke comprising a porous carrier impregnated with a refrigerating substance capable of absorbing heat when dissolved in water.

1,575,788. MOLDING MACHINE. GUNTHER H. PETRI, Boston, Mass. Filed Oct. 24, 1923. Serial No. 670,574. 2 Claims. (Cl. 107—14.)



2. In a molding machine for plastic masses, the combination of a hollow casing with an inlet hopper on one side, a discharge tube on the other side, a block rotatable in said casing having a diametrical hole therethrough, and a reciprocating plunger within said hole adapted to suck a charge of the plastic mass from the hopper into the hole and to eject it into said tube; there being a shallow peripheral groove in the surface of said block, extending between its hole openings, constituting a passageway for films of said plastic mass clinging to the relatively-oppositely-moving adjacent surfaces which form the walls of said passageway, whereby the block may be rotated with slight friction losses.

1,575,789. SUPPORT. FRANK M. PHELPS, Usk, Wash. Filed Apr. 20, 1925. Serial No. 24,439. 8 Claims. (Cl. 248—39.)

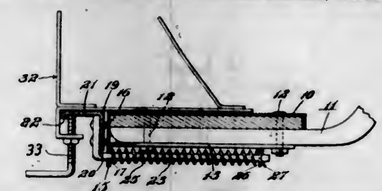


1. The combination with a vacuum cup having a neck wedge shaped in cross section, and a head, of a spring clip having slotted arms to engage over said neck and adapted to frictionally engage said cup and head.

1,575,790. LUGGAGE-CARRIER MOUNTING. ERNEST J. PICKERELL, Eddyville, Iowa. Filed Aug. 1, 1925. Serial No. 47,563. 8 Claims. (Cl. 224—29.)

1. In a luggage carrier support, a bar confronting the outer edge of the running board, guides secured to the under surface of the running board, rods secured to said bar and directed through openings formed in said guides

including rigid rods guiding and supporting the first named bar in its extended position and pivoted ratchet rods preventing return movement of the bar, means normally tending to move the bar in confronting relation to the outer edge of the running board and means upon the bar permitting attachment thereto of a luggage carrier.

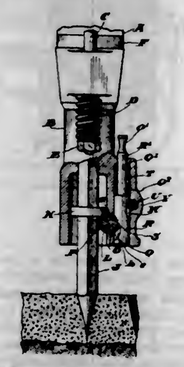


1,575,791. MOP. JACOB HENRY POSTEL, San Mateo, Calif. Filed Nov. 28, 1924. Serial No. 752,644. 3 Claims. (Cl. 15—229.)



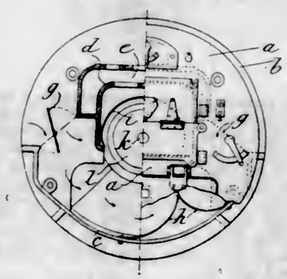
1. A mop comprising a casing having a filler unit mounted therein, said unit comprising a frame carrying cleaning elements, said unit and casing having registering apertures in their opposed side walls, a handle connector having clamping arms provided with inturned fingers engaging said apertures to securely connect the casing and the unit with each other and with the handle.

1,575,792. STEEL RETAINER. WILLIAM PRELLWITZ, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Mar. 26, 1925. Serial No. 18,360. 2 Claims. (Cl. 121—82.)



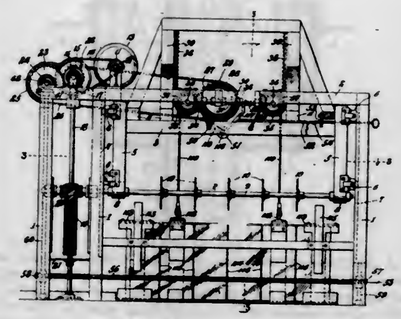
2. A steel retainer for rock drills, comprising in combination with a front head having an enlargement at one side, a collared drill steel adapted to be inserted into the front head, a cylindrical removable stop slidable transversely through the front head and offset from the longitudinal axis of the drill to cooperate with the collar on the steel for preventing ejection of the steel from the front head, said stop being insertable from opposite sides of the front head, heads on the ends of said stop, a spring pressed plunger in the enlargement constantly in contact with the stop and cooperating with the inner faces of the heads to prevent removal of the stop, said plunger paralleling the longitudinal axis of the drill, a recess in one side of the plunger, and a pin in the enlargement to cooperate with said notch for limiting longitudinal movement of the plunger.

1,575,793. FURNACE. JOHN REID, London, England. Filed May 10, 1924. Serial No. 712,382. 6 Claims. (Cl. 110—172.)



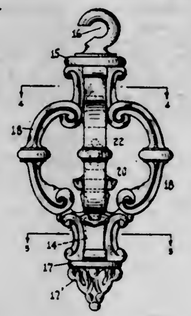
1. In a furnace front having a circular air pocket therein, a ceratoid cusp shaped device adapted to gradually divert air admitted thereto from either side of said device so that it flows in the desired direction to said pocket, substantially as described.

1,575,794. MACHINE FOR SCORING ICE. ROBERT H. ROARK, Waco, Tex. Filed Nov. 29, 1924. Serial No. 752,905. 17 Claims. (Cl. 125—13.)



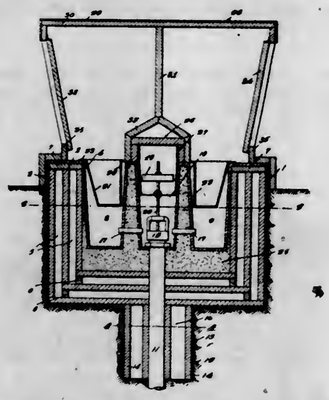
1. In a machine for scoring ice, the combination of a saw carriage with saws mounted therein, a cage adapted to receive a block of ice, and means for moving the carriage and cage simultaneously in opposite directions to cause the saws to score a block of ice carried in said cage.

1,575,795. PENDANT FOR LIGHTING FIXTURES. JOHN H. SAMPLE, Maumee, Ohio, assignor to The Edward N. Riddle Company, Toledo, Ohio, a Corporation of Ohio. Filed Mar. 20, 1925. Serial No. 16,892. 4 Claims. (Cl. 41—10.)



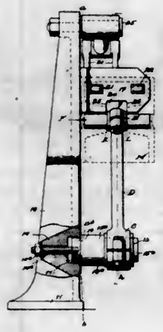
1. A loop formed with an enlarged portion at its top and bottom, flattened faces on said portions diametrically opposite to each other, the sides of said loop abutting the enlarged portions at the edges of said faces; one of said enlarged portions having a recess adjacent the point of union of the sides with said portions, a removable member formed with curving sides corresponding to the sides of said loop, a bar which connects said sides, said bar being fitted to said recess, the inner surface of the ends of said sides being fitted to the faces on said enlarged portions.

1,575,796. WATER FOUNTAIN. GEORGE SCHEIHING, Morning Sun, Iowa. Filed May 4, 1925. Serial No. 27,894. 1 Claim. (Cl. 119—78.)



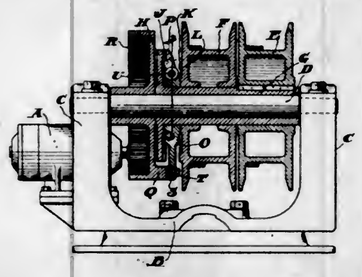
A fountain of the class described comprising an insulated water tank a float compartment having a water supply pipe opening thereinto and provided with an inlet valve connected with said float whereby the valve is opened and closed on the rising and falling of the water in said compartment, a pipe connecting said compartment with said tank, a protective covering for said tank, a door affording access to said tank and mounted to swing inwardly at its upper end, whereby the stock may open the door and drink from the tank, and a cap-like cover mounted over said float chamber, and a protective covering for the fountain having a depending member resting on said cap and holding it closed.

1,575,797. CONNECTING-ROD JIG. LOUIS E. SHAW, New York, N. Y. Filed June 27, 1922. Serial No. 571,290. 23 Claims. (Cl. 33—180.)



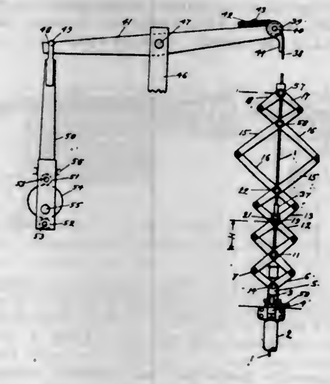
1. A device for testing parallelism of the axis of a piston pin at one end of an engine connecting rod with the axis of the crank shaft bearing at the other end, comprising a standard having one side flat to provide a reference plane, an arbor having its axis extending at right angles from said plane and adapted to have the crank shaft bearing of the rod to be tested fitted thereto, and a gauge block engaging said reference plane and movable into a plurality of operable positions thereon, said block provided with means defining a testing line extending perpendicular to said reference plane in all operable positions of the block and in each of the different operative positions of the block adapted to engage different places on the pin carried by the piston pin bearing of the rod to be tested when the piston pin is parallel to the axis of the crank shaft bearing.

1,575,798. DOUBLE-DRUM HOIST. FRED M. SLATER, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed June 24, 1925. Serial No. 39,167. 2 Claims. (Cl. 254—185.)



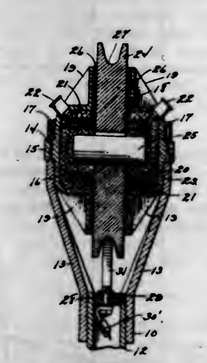
1. In a hoist, the combination of a main shaft, standards for supporting said main shaft, a pair of drums rotatable about said main shaft, opposed drum drivers at one end of one drum and adapted to rotate through different transverse planes, a main driver at one end of the shaft and connected to be rotated by a reversible source of power, and a pawl carried by the main driver for connecting one or the other of the drums with the main driver in accordance with the direction of rotation of said main driver.

1,575,799. PUMPING APPARATUS. VLADIMIR B. SOUNITZA, New York, N. Y. Filed Feb. 17, 1925. Serial No. 9,764. 6 Claims. (Cl. 74—14.)



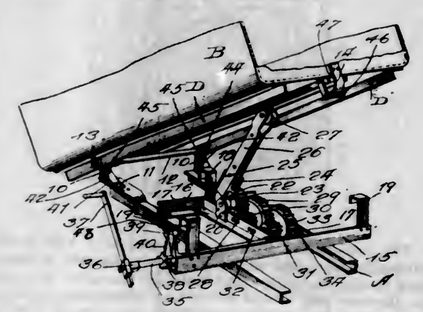
1. In a pumping mechanism, the combination with a pump plunger, a casing pipe, a rod extending from said plunger through the top of said casing pipe, a plurality of links pivoted together and forming an expansive system, means to support one end of said system, means to impart a reciprocating movement to said system, and means to connect said rod with different links of said system.

1,575,800. TROLLEY HARP. MERLE D. STALDER, Lincoln, Nebr. Filed Mar. 14, 1925. Serial No. 15,562. 2 Claims. (Cl. 191—61.)



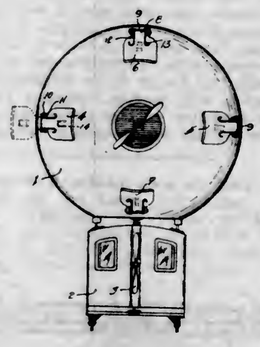
1. In a trolley harp, the combination of supporting means included upon the upper portion of a trolley pole, auxiliary supporting means included upon the supporting means, insulating means included within the auxiliary supporting means, bushings interposed between the insulating means, lubricating means connected with the bushings, insulating means interposed between the bushings, auxiliary supporting means and trolley wheel, and of electric conducting means having frictional engagement with the trolley wheel in order that the mechanism of a trolley car and the like may be energized.

1,575,801. DUMPING TRUCK. GILBERT L. STIEFEL, Galion, Ohio, assignor to The National Grave Vault Company, Galion, Ohio, a Corporation of Ohio. Filed Sept. 4, 1923. Serial No. 660,812. 4 Claims. (Cl. 298—19.)



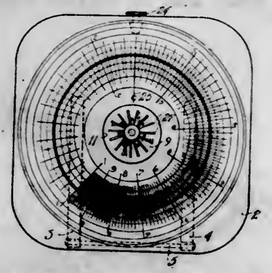
1. In a dumping truck, a chassis, a truck body pivotally mounted at its forward end upon the chassis for oscillation in a vertical plane, the truck body being formed with a medially disposed, longitudinally extending channel iron and with laterally disposed angle irons having downwardly extending flanges, a lifting member oscillatably mounted upon the chassis and having a roller adapted to operate within the channel iron, manually operable means for oscillating said member and holding it in adjusted positions, a bracket disposed forwardly of said member and adapted to engage within said channel iron when the truck body is lowered to a horizontal plane, and rearwardly disposed upwardly projecting brackets carried by the chassis and adapted to engage against the base flanges of said angle irons and laterally of the depending flanges of the lateral angle irons when the truck body is lowered.

1,575,802. STEERING MECHANISM. EBER H. VAN VALKENBERG, Monroe, Wash., assignor of one-half to Oscar Silverstein, Spokane, Wash. Filed Apr. 27, 1925. Serial No. 26,080. 3 Claims. (Cl. 244—29.)



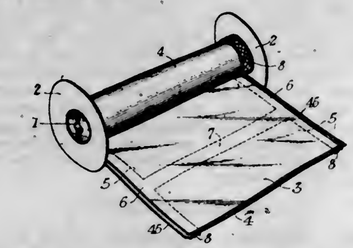
1. The combination with an airship of a pair of diametrically arranged, hinged steering blades, longitudinally extending channel guide plates on said blades, a diametrically disposed operating bar slidably supported between said blades, anti-friction rollers on the opposite ends of said bar for engagement with said channel plates, and means for actuating said bar.

1,575,803. CALCULATING MACHINE. JOHN I. TUTTLE, Spokane, Wash. Filed Apr. 20, 1925. Serial No. 24,310. 1 Claim. (Cl. 235—83.)



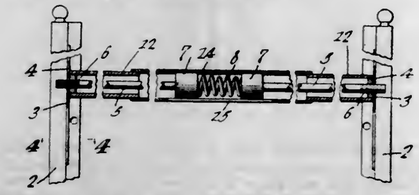
The combination with a center pin, of a disk having tangential slots and mounted to rotate thereon, a second disk having coacting radial slots and mounted to rotate on the first disk, means for locking these disks together, and means for turning selectively the second disk or the pair of disks.

1,575,804. PHOTOGRAPHIC CARTRIDGE. HENRY E. VAN DERHOEF, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 2, 1925. Serial No. 12,710. 3 Claims. (Cl. 95—9.)



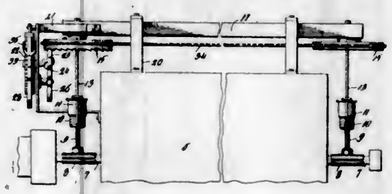
1. A photographic roll film cartridge comprising a flanged spool, a strip of film, at least one face of which bears a light-sensitive coating, a strip of protecting backing material, said strips being coiled on said spool between said flanges, with said backing material between the convolutions of the film, the margins of said backing material being thickened to hold said material from deleterious contact with said coating, and sealing means in contact with said flanges at the margins of said protective material, said margins remaining thickened to prevent said deleterious contact throughout the stresses applied to the backing during manufacture and use.

1,575,805. CURTAIN AND SHADE HANGER. GEORGE E. WEST, Dallas, Tex. Filed Feb. 28, 1925. Serial No. 12,366. 2 Claims. (Cl. 156—27.)



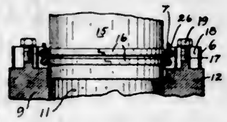
1. In a device of the class described, tracks, brackets slidably engaged with the tracks, thrust members threaded in opposite directions into the brackets, and spring means for moving said members in opposite directions to cause the brackets to remain in adjusted positions on the tracks, said threading providing for an adjustment of the spring means when the thrust members are rotated.

1,575,806. AUTOMATIC LUBRICATING DEVICE. NOAH R. WHITE, Delta, Colo. Filed Feb. 9, 1922. Serial No. 535,316. 3 Claims. (Cl. 184—37.)



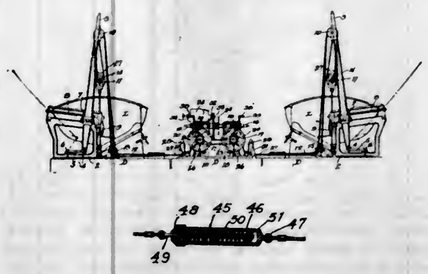
1. An automatic force feed lubricator comprising a lubricant receptacle, a cap follower associated therewith for ejecting lubricant therefrom, a rotary member having a pair of apertures, said follower having a pair of spaced apertures, and a removable U-shaped follower operating member having its arms extended through the spaced apertures in said rotatable member and said follower.

1,575,807. PISTON-INSERTION DEVICE. TIMOTHY WINDLE, Oakland, Calif. Filed July 15, 1924. Serial No. 726,105. 9 Claims. (Cl. 29—86.4.)



1. A piston insertion device for cylinders, comprising mutually separable blocks of solid material arranged to have their inner faces fixedly held symmetrically positioned with respect to the axis of said cylinder, and spring members fixed to said blocks and arranged to extend therefrom into said cylinder to contact with and define a guideway for said piston.

1,575,808. BOAT-HANDLING APPARATUS. SOLOMON EDWARD AARON, Boston, Mass. Continuation of application Serial No. 415,406, filed Oct. 7, 1920. This application filed Dec. 16, 1921. Serial No. 522,800½. 10 Claims. (Cl. 9—22.)



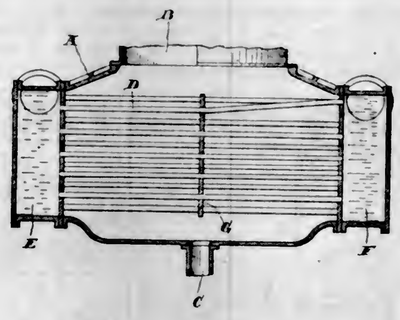
1. A boat handling apparatus for ships, docks and the like comprising in combination, a fall, a windlass fixed relatively to the ship, dock or the like, a normally inoperative brake for the windlass, means detachably secured to the boat for operating the brake and means for maintaining an operative tension on said brake operative means during the movement of the boat from inboard to outboard position.

1,575,809. FOUNTAIN BRUSH. FRED OLIVER ANDERSON, Minneapolis, Minn. Filed June 30, 1923. Serial No. 648,791. 4 Claims. (Cl. 15—128.)



1. In a device of the class described, a handle, a bristle carrying core having both ends thereof secured to the handle, the body of the core being bent into two continuously formed substantially U-shaped portions, said portions being arranged in spaced opposed relation so as to form an opening between the four arms thereof.

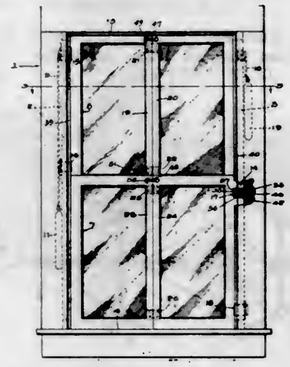
1,575,810. SURFACE CONDENSER. PAUL A. BANCEL, Nutley, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Original application filed Oct. 15, 1924, Serial No. 743,695. Divided and this application filed June 30, 1925. Serial No. 40,512. 3 Claims. (Cl. 257—43.)



1. A condenser having tubes with different temperatures along their length resulting in unequal capacities for condensing steam in vertical sections along their length, said tubes being bunched in one of the sections for obtaining substantially equal depths of penetration of steam in all sections along the length of the condenser.

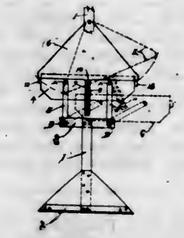
1,575,811. WINDOW CONSTRUCTION. JOHN J. BRIDLER, San Francisco, Calif. Filed Jan. 19, 1925. Serial No. 3,304. 2 Claims. (Cl. 20—50.)

1. In a window construction, the combination of a casement and pulley stiles, elongated guide-slots in said pulley stiles, upper and lower sash members slidably mounted between the pulley stiles and comprised, respectively, of a pair of centrally hinged panels provided with tongue and groove abutting edges, counter-weights for each of said sash members, sash hinge-members secured to the edges of said sash members and having offset butts and extensions adapted to engage in said guide-slots, guide-shoes adapted to maintain said hinges in slidable relation with the casement stiles, keys adapted to extend through said extensions and maintain said shoes in place, and hooks mounted at the parting lines of said hinged panels opposite the hinge-members thereof and adapted to maintain said panels in a common plane and, when released, to allow said sash-member panels



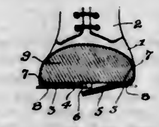
to break inwardly at their parting lines and to swing upon the sash-member hinges and clear of the casement parting strips.

1,575,812. PRODUCE BIN. GEORGE W. BROOKS, Topeka, Kans. Filed Apr. 18, 1925. Serial No. 24,158. 1 Claim. (Cl. 211—6.)



In a produce bin, supporting standards having laterally disposed bars functioning as bearings, bars pivotally mounted at the ends of the first of said bars, the second of said bars being pivotally connected to the ends of a bin so that said bin will rock, engaging pins centrally positioned near the top edge of the ends of said bin, a cover pivotally mounted between said standards in vertical alignment with the normal position of said bin, slotted laterally extending bars on the ends of said cover, said slot engaging said pins on the ends of said bin so that the rocking of said bin will rock said cover simultaneously as shown and described.

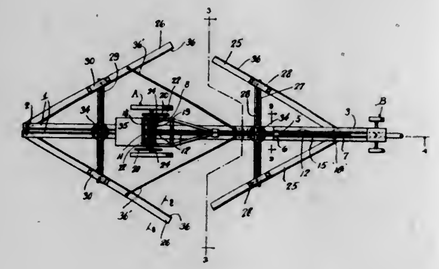
1,575,813. METHOD OF SIDE LASTING BOOTS, SHOES, AND SLIPPERS. LAWRENCE A. BURKE and THOMAS F. LITTLETON, Montello, Mass. Filed Mar. 14, 1924. Serial No. 699,276. 1 Claim. (Cl. 12—145.)



A method of side lasting boots, shoes and slippers consisting of forming an upper with an inwardly turned flange adjacent the lower edge thereof, forming a sec-

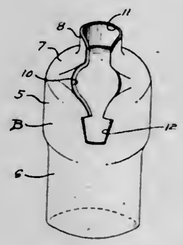
tional insole with interlockable adjoining edges, attaching the outer edges of the insole sections to said flange, and locking the adjoining edges of said insole sections together.

1,575,814. GRADER. PRESTON V. BURSON, Marysville, Ohio. Filed May 23, 1924. Serial No. 715,453. 2 Claims. (Cl. 37—153.)



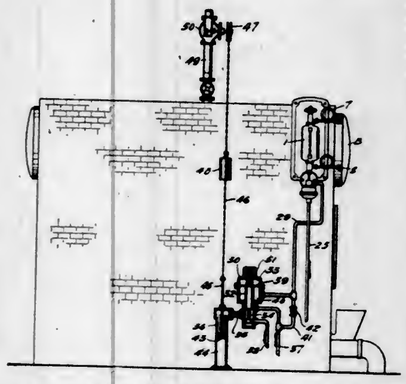
1. An apparatus of the class described comprising a pair of trucks, a main beam, a draft beam pivotally connected with the main beam, and rotatably connected with the front truck, shafts rotatably mounted in the rear truck, a cable connected with one shaft and with the front end of the main beam, pulleys on the main beam under which the cable passes, a cable on the draft beam over which the cable passes, a second cable connected with the other shaft, a pulley on the main beam under which the cable passes, the other end of the cable being attached to the truck, manually operated means for rotating the shafts, blade carrying members adjustably connected with the main beam and means for adjusting the blade carrying members to a predetermined angle.

1,575,815. COVER FOR ELECTRIC SOCKETS. JOSEPH C. CARLSON, Tulsa, Okla. Filed May 3, 1924. Serial No. 710,816. 6 Claims. (Cl. 173—362.)



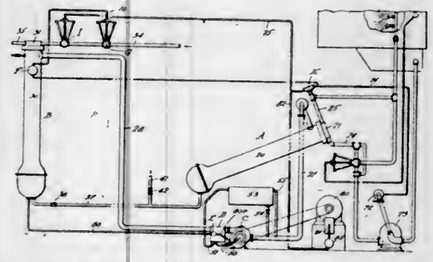
1. A cover for that type of electric socket formed with a reduced cord receiving end, comprising a hollow elastic body conforming to the general configuration of the socket, said cover being slit from its reduced end portion to a point adjacent its greatest dimension for permitting of the reduced end portion being spread to a position whereby the cover may be readily slid over the socket from the bulb receiving end thereof and snugly embrace the sides of the socket.

1,575,816. LIQUID-LEVEL REGULATOR. RAGNAR CARLSTEDT, Stockholm, Sweden, assignor, by mesne assignments, to Arca Regulators, Incorporated, New York, N. Y., a Corporation of Virginia. Filed June 10, 1924. Serial No. 719,219. 9 Claims. (Cl. 137—101.)



1. A liquid level regulator comprising a valve, a continuously flowing stream of liquid to control said valve, and a movable receptacle to control said continuously flowing stream of liquid.

1,575,817. REFRIGERATING SYSTEM. WILLIS H. CARRIER, New York, N. Y., assignor to Carrier Engineering Corporation, New York, N. Y. Filed Feb. 2, 1921. Serial No. 441,876. 11 Claims. (Cl. 62—4.)

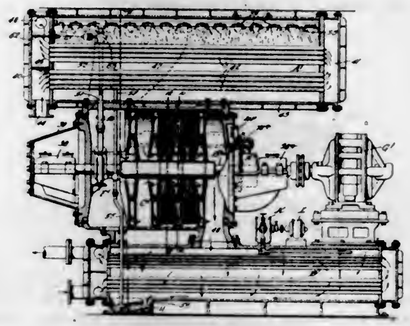


1. In a refrigerating system in which a volatile liquid refrigerant is employed, the combination of an evaporator in which the refrigerant liquid is adapted to vaporize, a condenser including means for condensing the refrigerant vapor, a compressor which withdraws the refrigerant vapor from the evaporator and delivers it to the condenser, said compressor being of a non-positive type adapted to produce a greater or less difference in pressures in the evaporator and condenser depending upon the speed of the compressor, and means responsive to the temperature produced in the evaporator for limiting the pressure difference produced by said compressor.

1,575,818. REFRIGERATING SYSTEM AND METHOD OF REFRIGERATION. WILLIS H. CARRIER, New York, N. Y., assignor to Carrier Engineering Corporation, New York, N. Y. Filed Apr. 5, 1921. Serial No. 458,679. 18 Claims. (Cl. 62—115.)

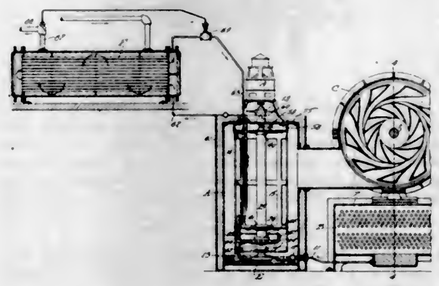
2. In a refrigerating system in which a volatile liquid refrigerant having a low vapor pressure and a high specific density is evaporated, compressed and condensed,

the combination of an evaporator having evaporating surfaces over which the refrigerant flows and which surfaces are not submerged in the liquid refrigerant, a condenser for condensing the refrigerant vapor, a centrifugal compressor which delivers the refrigerant vapor from the evaporator to the condenser and maintains a relatively low difference of pressures in the evaporator and in the



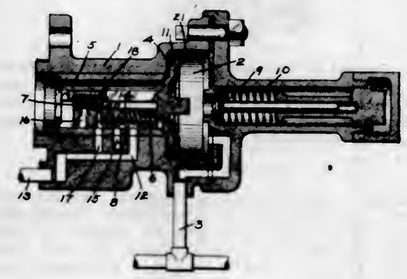
condenser, means for circulating a larger volume of liquid refrigerant through the evaporator than is evaporated therein and withdrawn by the compressor, means for evacuating air from the system to maintain a partial vacuum in at least a portion of the system, and regulating means for controlling the minimum temperature produced by the evaporator without changing the speed of the compressor.

1,575,819. REFRIGERATING SYSTEM. WILLIS H. CARRIER, New York, N. Y., assignor to Carrier Engineering Corporation, New York, N. Y. Filed Apr. 5, 1921. Serial No. 458,680. 8 Claims. (Cl. 62—115.)



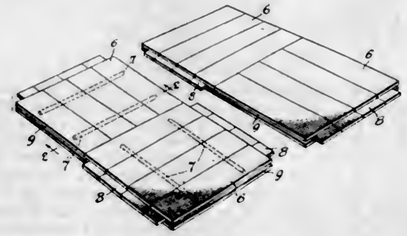
1. In a refrigerating system employing a volatile liquid refrigerant, the combination of a vaporizing chamber, a condenser for the vaporized refrigerant, a centrifugal compressor which delivers the refrigerant vapor from the vaporizing chamber to the condenser, means for returning the liquefied refrigerant from the condenser to the vaporizing chamber in which a body of refrigerant liquid is maintained, a refrigerating coil, a rotary pump located in said vaporizing chamber for circulating the refrigerant liquid from the vaporizing chamber through said coil and discharging it into the vaporizing chamber, and an atomizing device in said vaporizing chamber and connected to rotate with said pump for atomizing the refrigerant liquid in the vaporizing chamber whereby it rapidly expands and lowers the temperature in said chamber by direct expansion.

1,575,820. FLUID-PRESSURE BRAKE. JOHN W. CLOUD, London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed June 5, 1924. Serial No. 717,919. 4 Claims. (Cl. 303—74.)



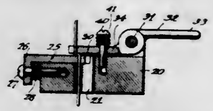
1. In a fluid pressure brake, the combination with a brake pipe, of a triple valve device having a main valve, a graduating valve having a movement relative to the main valve, a piston subject to brake pipe pressure for operating said valves to effect a graduated release of the brakes, and a spring interposed between the main valve and said piston.

1,575,821. PARQUET-FLOOR COMPOSITE SECTIONS. ERNEST STUART DANIELS, West Point, Va., assignor to John Alexander Hugh Cameron, trustee, Montreal, Canada. Filed Mar. 13, 1925. Serial No. 15,271. 2 Claims. (Cl. 20—75.)



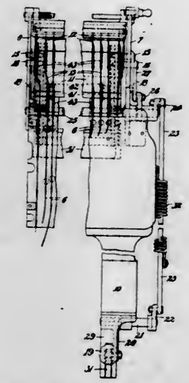
1. A parquet flooring comprising individually formed composite sections of flooring material inter-connected and held together in assembled relation by tongue and groove connections on their sides and ends with the grain of the wood in each section running substantially at right angles to the grain of the wood in adjacent sections, the tongues extending along opposite ends of the sections and the grooves extending along opposite sides thereof, the individual sections being composed of a plurality of wooden pieces of equal lengths placed edge to edge and having registering transverse holes therethrough intermediate the ends of the sections and transverse wooden binder rods forcibly inserted through said holes while said pieces are held together under lateral compression so as to form the sections in inseparable composite structures with the grain of the wood in the several pieces running in substantially the same direction, the extremities of said rods and the tongues of each section terminating flush with the countersunk edges of the grooves in opposite sides thereof.

1,575,822. STRIPPER MECHANISM. JOSEPH F. DAVIS, Portsmouth, Ohio. Filed Sept. 4, 1925. Serial No. 54,584. 7 Claims. (Cl. 91—58.)



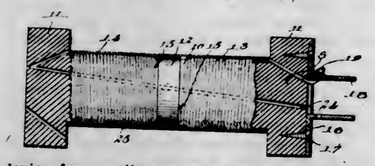
1. A device of the class described, comprising slidable, and pivoted elements, each element having a guide aperture, said elements superposed with the apertures relatively offset, and said elements adjustable toward and away from one another in planes at right angles.

1,575,823. ESCAPEMENT-ACTUATING MECHANISM OF TYPOGRAPHICAL COMPOSING MACHINES. TOM DRAKE, Altrincham, England, assignor to Linotype and Machinery Limited, London, England. Filed Oct. 18, 1922. Serial No. 595,259. 10 Claims. (Cl. 199—20.)



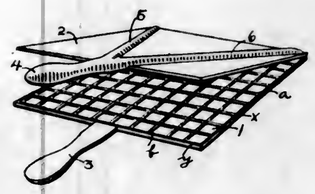
1. In a typographical composing machine, the combination of a plurality of magazines each provided with a set of escapements, a set of striker-lever operating devices and a set of striker levers adjustable relatively to said devices to operatively connect them with the escapements of one or other of the magazines, the shape of the striker levers being such as to compensate the variations of the ratio of movement between said devices and the operative ends of the strikers and maintain a uniform effective stroke of the said ends throughout the range of adjustment.

1,575,824. RECEIVING ANTENNA FOR WIRELESS TELEGRAPHY OR TELEPHONY. CHARLES H. EIFFERT, Roanoke, Va. Filed Oct. 27, 1922. Serial No. 597,387. 1 Claim. (Cl. 250—16.)



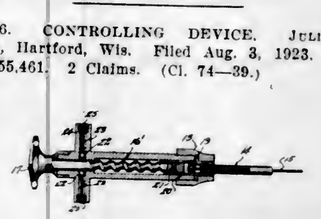
A device for coupling a radio receiving apparatus to an electric power system comprising a primary winding consisting of two disconnected sections arranged in axial alinement and wound in opposite directions, means whereby the remote ends of said coil sections may be connected to an electrical power system, a secondary winding about the two primary winding sections, and means whereby one end of the secondary winding may be connected to a radio receiving apparatus.

1,575,825. COMMUNION-BREAD BAKER. WILLIAM H. EVANS, Dallas, Tex. Filed Jan. 25, 1923. Serial No. 614,806. 1 Claim. (Cl. 53—10.)



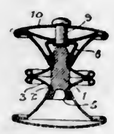
In a communion bread baker, the combination of two plates, one of said plates having an edge trimming flange around its periphery and a plurality of crossing subdividing elevations within said periphery and of less height than said peripheral flange, the other of said plates being free of elevations, each of said plates having a flat faced handle member, the second named plate being adapted to contact with the peripheral elevation of said first named plate with the flat faces of the handle members in contact with each other.

1,575,826. CONTROLLING DEVICE. JULIUS F. GOETZ, Hartford, Wis. Filed Aug. 3, 1923. Serial No. 655,461. 2 Claims. (Cl. 74—39.)



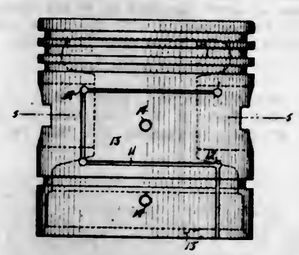
1. In a control device of the class described, a tubular casing; a cylindrical operating member provided with a helical groove slidably mounted within said casing, yielding detent members carried by said casing for engaging said groove; and swiveled connections between said operating member and the device to be controlled.

1,575,827. CUFF BUTTON. AARON A. GOLDSTEIN, Buffalo, N. Y. Filed June 12, 1924. Serial No. 719,561. 3 Claims. (Cl. 24—110.)



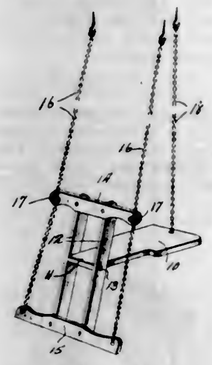
1. In a cuff button, the combination with a button member having a tapering convergent throat, of a stud having a hollow end swaged outwardly to engage for its entire length the tapering inner wall of the throat in locking contact to secure the stud rigidly therein and against movement relative thereto.

1,575,828. PISTON AND METHOD OF MAKING SAME. ELBERT J. HALL, Berkeley, Calif. Filed Apr. 18, 1923. Serial No. 632,916. 2 Claims. (Cl. 74—108.)



1. In a piston for internal combustion engines having a wrist pin mounted in the skirt portion, that side of the skirt opposite the power stroke thrust being cut to form a tongue, said skirt portion being also cut from its bottom to the base of the tongue and a piston ring retaining groove formed below the tongue.

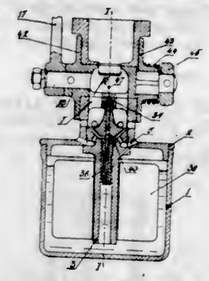
1,575,829. SWING. WILLIAM A. HAMBIDGE, Upland, Ind. Filed July 7, 1925. Serial No. 42,059. 2 Claims. (Cl. 155—65.)



1. A swing of the character described comprising a seat having a forward prolongation, a lever pivoted to the forward prolongation and extending above and below the seat, a handle cross bar mounted upon the upper end of the lever, a foot cross bar mounted upon the lower end of the lever, a pair of flexible connections extending downward from a suitable support and engaged with the ends of the handle bar and with the ends of the foot bar, and a flexible connection extending downward from the support and engaged with the rear end of the seat.

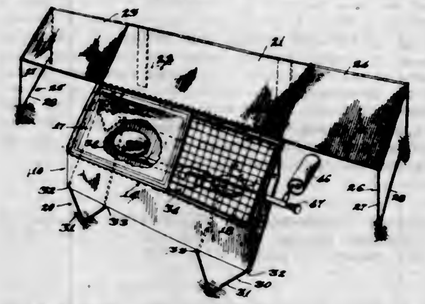
1,575,830. CARBURETING APPARATUS. JEAN PIERRE HEUCHEL, Rouen, France. Filed May 4, 1923. Serial No. 636,677. 4 Claims. (Cl. 261—41.)

1. In a carburetor, the combination of a float feed chamber; a casing or body mounted thereon and providing a mixing chamber and air inlets opening into the same; a main fuel tube fitting at its upper end in the casing immediately below the mixing chamber and projecting at its lower portion into the fuel in the float chamber, said tube having an enlarged mouth at the upper end of its bore; a sprayer tube having its lower portion projecting into the main tube and also having an enlargement which is disposed in said mouth but spaced from the wall thereof to form an intermediate annular fuel passage of large diameter communicating at its lower end with the bore of the main tube and opening at its upper end into the mixing chamber; a partition in said casing forming the top wall of the mixing chamber and provided with conduits opening thereinto; a



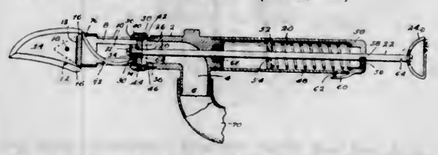
throttle valve mounted in the casing immediately above said partition and having an aperture individual to each conduit and adapted to be brought into and out of registration therewith, and another aperture adapted to be brought into and out of registration with the end of the bore of the sprayer tube; and means for operating said throttle valve.

1,575,831. FOLDING STOVE. JOHN HIGHAM, Los Angeles, Calif. Filed Aug. 18, 1922. Serial No. 582,631. 5 Claims. (Cl. 126—38.)



1. In a folding stove, a box-like burner housing having bottom, side and end walls, a demountable top member for said housing comprising a one piece plate portion and grill portion, and a double burner arranged in said housing with one burner disposed beneath the plate portion and the other burner located beneath the grill portion of the top member; said top member being adapted to be disposed to locate the plate portion or the grill portion over either burner.

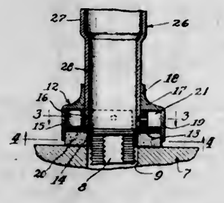
1,575,832. SLAUGHTERING DEVICE. ELMER E. HIGMAN, Kansas City, Kans. Filed Mar. 24, 1924. Serial No. 701,386. 9 Claims. (Cl. 17—1.)



7. A slaughtering device consisting of a tubular body having inlet and outlet ports, a valve operably mounted in said body to open and close communication between

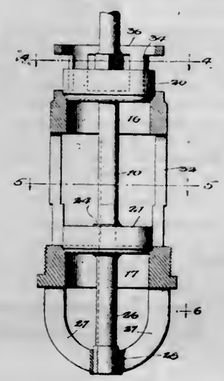
said ports, a stem connected to said valve to control the same, a handle connected to the rear of the tubular body and through which said stem extends, latch means mounted in said handle for holding said stem in retracted position and thereby holding the valve to its seat, a disk within said handle and fixed to the stem, and a coil spring within the handle and interposed between the rear end thereof and said disk to effect the opening of the valve when the latch is disengaged from said stem, and a knife at the forward end of said body.

1,575,833. DUST CAP AND THE LIKE. EDWARD E. HOLT, Chicago, Ill., assignor to Edward Holt Co., Chicago, Ill., a Corporation of Illinois. Filed Aug. 16, 1924. Serial No. 732,552. 3 Claims. (Cl. 152—12.)



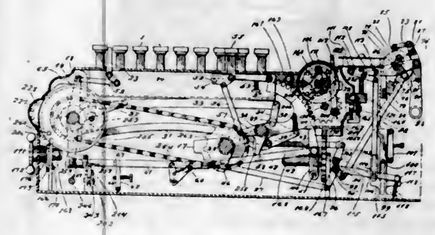
1. A dust cap comprising a base member and a cylindrical cap member, the base member including a nut member having a horizontal flange, a depending internally threaded collar of proper size to thread onto the valve stem, and an upstanding collar of larger size, and the base member also including a shell having a depending flange of proper size to receive the horizontal flange of the nut member and having an upstanding flange of internal bore the same size as the upstanding collar of the nut member, there being a through opening in the upstanding collar of the nut member and a corresponding recess in the neck portion of the cap member, and a spring element in conjunction with the base member and working through the opening of the upstanding collar, substantially as described.

1,575,834. FEED-WATER REGULATOR. HENRY A. HURCKES, Chicago, Ill. Filed Apr. 16, 1924. Serial No. 706,977. 5 Claims. (Cl. 137—101.)



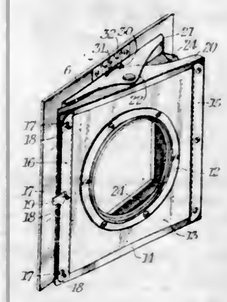
1. A feed and water regulator comprising upper and lower valve rings having seats, spaced parallel connecting ties joining said rings, upper and lower valves of the same diameter adapted for contacting with said seats, a stem permanently connected to the upper valve and passing through the lower valve, said stem being provided with an annular shoulder contacting with the lower valve, and a sleeve of the same diameter as said stem above said annular shoulder threaded on to the lower portion of the stem and contacting with the under side of the lower valve to hold the lower valve in position.

1,575,835. MULTIPROCESS REGISTER. JUSTIN T. HURLEY, New York, N. Y. Filed Oct. 30, 1923. Serial No. 671,754. 24 Claims. (Cl. 235—79.)



1. In a machine such as described, in combination, multiple order key-driven differential mechanism, a reversible totalizer, multiplier dials fixedly alined with said orders, a normally disengaged individual operating element for each dial, and devices to move transversely with said totalizer, but with relatively reduced motion and in a direction opposite thereto for successively engaging said operating elements.

1,575,836. ADJUSTABLE LENS BOARD FOR CAMERAS. CHARLES E. HUTCHINGS, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Apr. 14, 1924. Serial No. 706,581. 6 Claims. (Cl. 95—50.)



1. An adjustable lens board for cameras including a pair of spaced frames, each frame having side flanges extending toward each other and pivoted together at their center portions, and a flexible wall extending between the two frames.

1,575,837. ELECTRIC SWITCH. WILLIAM ILE, Jackson, Mich. Filed May 26, 1925. Serial No. 33,048. 8 Claims. (Cl. 200—67.)

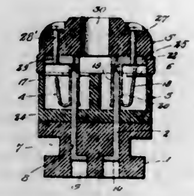
1. An electric switch including a support, a switch blade carrying yoke pivoted to the support, a lever composed of an approximately inverted U-shaped lower portion pivoted to the support, an upper portion interlocked with the lower portion and a pin securing the upper portion to the lower portion and having projecting terminals

adapted to have push buttons connected with them for enabling the lever to be operated by push buttons, the upper portion of the lever being also adapted to receive



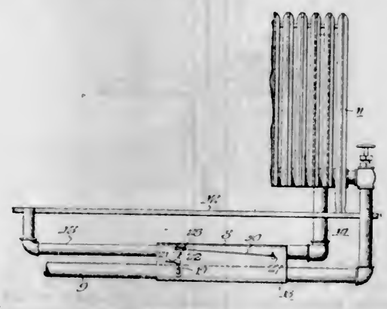
a handle for operating the switch, and spring toggle means connecting the lever and the yoke to produce a snap movement of the latter.

1,575,838. ELECTRICAL CONNECTER. WILLIAM ILE, Jackson, Mich. Filed Aug. 18, 1925. Serial No. 50,922. 9 Claims. (Cl. 173—343.)



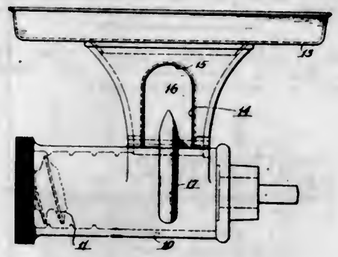
1. An electrical connecter of the class described comprising a cap section, an intermediate section and a base section of molded insulating material, spring contacts carried by the cap section and extending into the intermediate section, means mounted on the intermediate section and engaging with the spring contacts to interlock with the same and knife contacts mounted on the base section and extending into the intermediate section and detachably engaging the spring contacts for maintaining the latter in their interlocked relation.

1,575,839. HUMIDIFYING SYSTEM. THOMAS H. IRELAND, Rockville Center, N. Y. Filed Apr. 26, 1924. Serial No. 709,318. 9 Claims. (Cl. 237—1.)



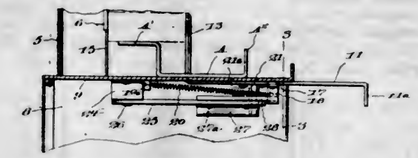
2. In a humidifying system, in combination with a heat distributor in a room to be heated thereby and a heating medium supply pipe thereto, a water tank connected with said pipe whereby the water in the tank may be heated out of contact with said heating medium, an air inlet pipe leading into said tank, and an air outlet pipe leading from said tank terminating adjacent said heat distributor within said room.

1,575,840. CROWDER FOR MEAT CHOPPERS. WILLIAM HAMILTON JEANS, Dayton, Ohio, assignor to Dayton Scale Company, Dayton, Ohio, a Corporation of New Jersey. Filed Aug. 19, 1924. Serial No. 732,928. 4 Claims. (Cl. 146—182.)



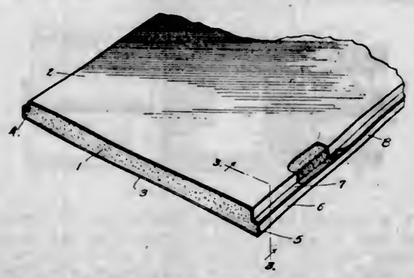
1. In a meat chopper, in combination with a bowl, a worm and a pivoted crowder member disposed in the side wall of the bowl and normally forming a closure for an opening therein, said crowder member upon inward displacement being adapted to crowd the material in the bowl into contact with the worm.

1,575,841. COIN-CONTROLLED VENDING MECHANISM. HENRY S. JEWELL and FREDERICK C. JEWELL, Chicago, Ill. Filed Jan. 22, 1923. Serial No. 614,285. 10 Claims. (Cl. 194—58.)



1. A coin-controlled mechanism comprising a supporting member having a coin receiving slot, a sliable bar beneath said supporting member, a coin receiver and carrier movable with and rigidly secured to the under side of said bar and adapted for registration with said slot, an arm pivotally supported beneath said bar and having a coin supporting member beneath said coin receiver and carrier to hold the coin in said carrier during a portion of the movement of said bar, said arm being provided with ratchet teeth, and a lug on said bar to engage said teeth, said arm being provided with a coin engaged cam surface whereby the arm is swung on its pivot during the movement of the bar in one direction.

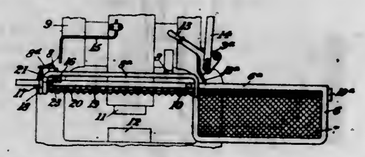
1,575,842. WALL PLASTER BOARD. ROBERT J. JOHNSTON, Kansas City, Mo. Filed Oct. 8, 1923. Serial No. 667,240. 1 Claim. (Cl. 154—45.)



As a new article of manufacture, a plaster board unit, comprising a relatively thick rigid sheet having lap tongues at its edges and relatively thin flexible facing

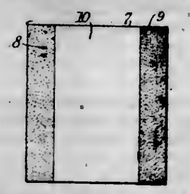
sheets on the opposite faces of the first named sheet, one of the flexible sheets being bent inwardly and outwardly to face the lap tongue, the other flexible sheet having its edge lying against the outer edge of the lap tongue and substantially abutting against the edge of the first named flexible sheet.

1,575,843. PRESS GUARD. ALFRED JONES, Birmingham, England. Filed June 12, 1924. Serial No. 719,630. 6 Claims. (Cl. 192—134.)



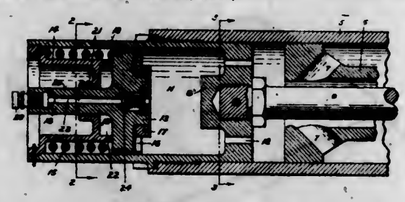
1. In a power press, the combination of a lever for controlling the operation of the press, and a member adapted to be traversed across the front of the press to prevent access thereto, said member having a section thereof so disposed within the path of the actuating lever that the operation of the said lever is prevented unless the member is in its completely traversed position.

1,575,844. STICKER BAND FOR PHOTOGRAPHIC CARTRIDGES. JOHN G. JONES and HAYWOOD G. DEWEY, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Original application filed May 24, 1922, Serial No. 563,447. Divided and this application filed May 20, 1924. Serial No. 714,747. 3 Claims. (Cl. 24—67.)



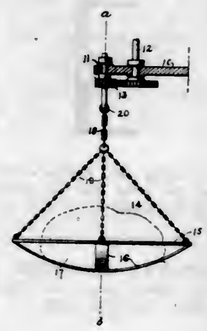
1. A sticker for use in roll film cartridges comprising a strip of flexible material having along one edge a band of waterproof adhesive capable of being affected by water and along the opposite edge a band of waterproof adhesive material.

1,575,845. REPLENISHER. BRYAN P. JOYCE, Davenport, Iowa, assignor to Thomas A. Conlon, Silver Spring, Md. Filed Dec. 3, 1924. Serial No. 753,605. 3 Claims. (Cl. 89—43.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



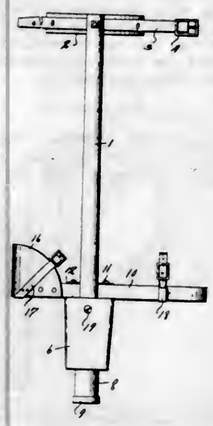
3. A cylinder, an apertured head in one end thereof, said head including a tubular extension to form an expansion chamber, a plunger and a plunger spring in the chamber, a one-way valve in the plunger, said plunger provided with a longitudinal passage for admission of a fluid, and the position of the plunger adapted to indicate the pressure in the cylinder.

1,575,846. CENTRIFUGAL MACHINE. KARL G. KARSTEN, New York, N. Y. Filed Dec. 17, 1921. Serial No. 523,241. 2 Claims. (Cl. 210—63.)



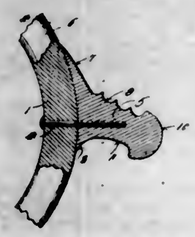
1. In a machine for separating adhering particles from a unitary body, the combination of a container for the body having a freedom of movement in all horizontal directions, a pendulous suspension for the container a support for the suspension mounted for rotary movement about a vertical axis and means for rotating the support thereby to cause the container to rotate about a vertical axis while free to swing laterally thereby to bring the center of mass of its contents in said vertical axis.

1,575,847. JUMPER. JAMES KING, LUTHER SNIDER, and CHARLES HAMILTON, Poplar Bluff, Mo. Filed Nov. 19, 1925. Serial No. 70,122. 4 Claims. (Cl. 272—70.1.)



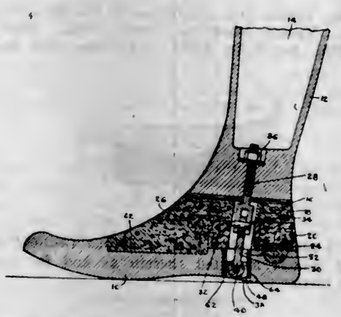
1. A device of the class described comprising, in combination, a block, an elongated brace having one end portion secured to said block, leg attaching means carried by the brace, an opening disposed through the block, a plunger extending within the opening through an end thereof, a pedal secured to the block and having an opening registering with the opening of the block, a plate secured to the pedal and overlying the opening in the pedal, an expansible member within the openings in the block and pedal and interposed between the inserted end of the plunger and the plate, and foot engaging means carried by the pedal.

1,575,848. STEERING WHEEL. CLINTON E. E. LAUBACH, Pottsville, Pa. Filed July 13, 1925. Serial No. 43,365. 1 Claim. (Cl. 74—33.)



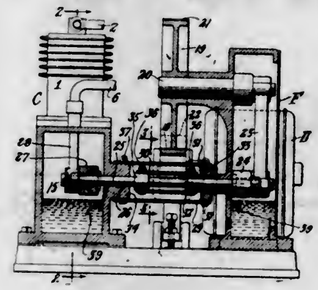
In combination with a steering wheel, having a periphery convex in cross section, of a plurality of gripping knobs secured to said steering wheel, each knob provided with a concave surface at one end for contact with said steering wheel and snugly fitting the periphery of the steering wheel, a securing screw passing transversely through the steering wheel rim and longitudinally through each knob, each knob provided with finger-receiving sockets formed therein, and an enlarged outer end to facilitate the gripping of the knobs by the hand of the operator, and the inner end of each knob provided with outwardly spread portions, merging into the periphery of the wheel to form a continuous surface from the periphery of the wheel on to the outer surface of each knob.

1,575,849. ARTIFICIAL LIMB. GEORGE W. LEHRMANN, Minneapolis, Minn. Filed July 11, 1925. Serial No. 42,919. 3 Claims. (Cl. 3—6.)



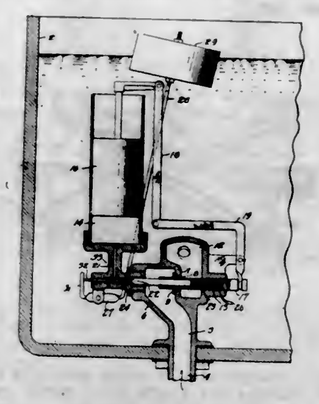
1. An artificial limb comprising a leg member, a foot member having an opening therethru, resilient blocks placed between said members, a pair of spaced metallic members secured to said foot member adjacent said opening, a pivot pin secured to said metallic members, a jointed ankle bolt extending into said opening and pivoted at its lower end on said pivot pin, a pivot pin extending at right angles to said first pivot pin connecting the two members of said bolt, and means for securing the upper bolt member to said leg member.

1,575,850. SEALING DEVICE FOR REFRIGERATING APPARATUS. ALEXANDER S. LIMPERT and SYLVESTER A. LIMPERT, Bay Shore, N. Y., assignors to Limpert Ice Machine Corporation, New York, N. Y., a Corporation of New York. Filed Apr. 21, 1923, Serial No. 633,571. Renewed Oct. 30, 1925. 5 Claims. (Cl. 286—11.)



1. A sealing device for an oscillating refrigerant compressor shaft comprising in combination a plurality of flexible tubes, one within the other surrounding the shaft, one end of the outside tube being secured to the compressor, one end of the tube next to the shaft being secured to the shaft, and rigid means at the free ends of tubes for connecting them together to form a continuous enclosure from compressor to shaft.

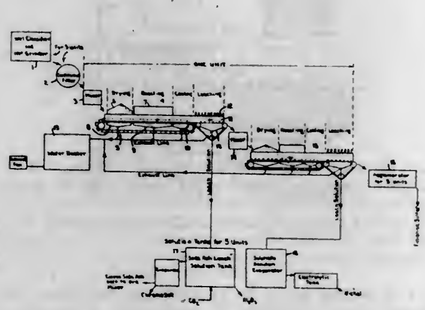
1,575,851. MEANS FOR CONTROLLING THE ADMISSION OF WATER TO TANKS. WILLIAM H. LONG, Berkeley, Calif. Filed Feb. 12, 1921. Serial No. 444,393. 10 Claims. (Cl. 137—104.)



5. In a device of the character described, a tank having a fluid inlet passage, a valve in said passage adapted to be normally held in shut position, a fluid container arranged to communicate with said inlet by a branch passage of less cross sectional area than that of the container, a piston reciprocatively mounted in said container, connecting members between said piston and said valve whereby the latter may be displaced upon the reciprocation of the piston, a valve for controlling the flow of the fluid to said container arranged to be normally held in

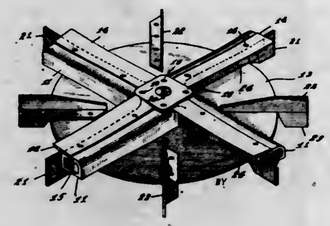
shut position, and a float member in said tank adapted to displace the second valve upon the discharge of the fluid from the tank whereby said piston will be reciprocated.

1,575,852. BENEFICIATION OF ORES. CLYDE P. MCCORMACK, Cleveland, Ohio. Filed May 5, 1925. Serial No. 28,090. 18 Claims. (Cl. 75—18.)



4. In a method of beneficiating an oxidized iron ore or metal-bearing product containing aluminum, the step which consists in roasting such ore with soda ash, whereby a controlled amount of such aluminum is converted into a water-soluble sodium salt.

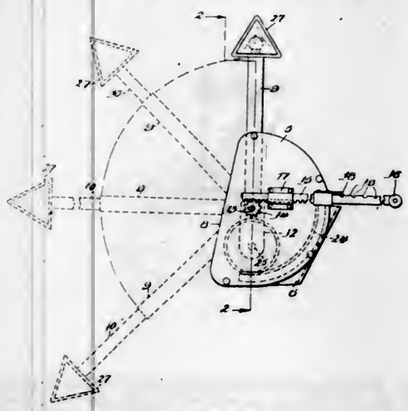
1,575,853. ENSILAGE CUTTER. WALLACE F. MACGREGOR, Racine, Wis., assignor to J. I. Case Threshing Machine Company, Racine, Wis., a Corporation. Filed Sept. 21, 1925. Serial No. 57,553. 4 Claims. (Cl. 146—106.)



1. In an ensilage cutter, a casing embodying inlet and discharge openings, and a knife wheel therein comprising a disk, a plurality of arms on said disk, knives on said arms, fan blades on said arms, means for securing said disk, arms and knives together, and fan blades on said disk intermediate said arms.

1,575,854. AUTOMOBILE SIGNAL. WILLIAM P. MACMICKING, St. Paul, Minn. Filed Apr. 20, 1925. Serial No. 24,316. 5 Claims. (Cl. 116—47.)

1. In a signal, a telescoping arm adapted to be mounted in substantially vertical position on a motor vehicle, said arm having tubular sections fitting one within another, a member of said arm adapted to be extended and retracted, a signal on the normally outer end of



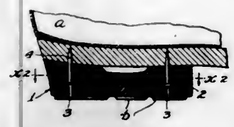
said member, means for tilting said arm to substantially horizontal position and means for positively extending said arm member when said arm is tilted.

1,575,855. BREAD AND THE LIKE AND PROCESS OF MANUFACTURING THE SAME. HARRY E. MALI, Chicago, Ill. Filed Oct. 1, 1924. Serial No. 740,946. 8 Claims. (Cl. 99—10.)

1. Bread and other baked articles, comprising a body portion, and a crust spaced from the body portion.

8. The method of manufacturing bread and other baked articles, including the steps of forming the loaves from dough, surrounding each loaf with a thin layer of dough provided with a fatty substance on the inner surface, permitting the loaves to rise, and baking the loaves.

1,575,856. HEEL FOR BOOTS AND SHOES AND THE LIKE. FAGGIO MARTINO, Perris, Calif. Filed Jan. 15, 1925. Serial No. 2,543. 3 Claims. (Cl. 36—35.)

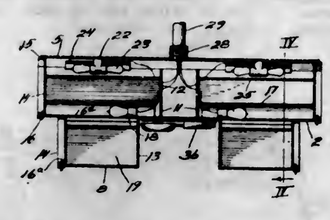


1. In a resilient shoe heel, a fibrous resilient quilted layer of canvas mounted therein as and for the purpose set forth.

1,575,857. CROSSING SIGNAL. GEORGE S. MATTHEWS, Kansas City, Mo., assignor to Matthews O'Bryan Signal Company, Kansas City, Mo., a Trust Association. Filed Feb. 13, 1922. Serial No. 536,099. 2 Claims. (Cl. 177—329.)

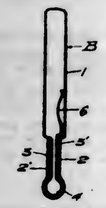
1. A crossing signal, comprising two hollow arms, in superposed relation, one arm having side wall openings as "danger" signals and the other corresponding openings as "safety" signals, the arms also having permanent closures at one end and removable closures at their other ends, and the upper arm having a bottom opening establishing communication with the lower arm; an arched reflector in the lower part of the upper arm to reflect light into the lower arm and through the

signal openings of the latter, a non-reflecting opaque partition extending longitudinally within the lower arm between the sides thereof from a point spaced from the



opening in the bottom of the upper arm to a point below the signal openings in the sides of the lower arm, and an electric lamp between said partition and said arched reflector.

1,575,858. KEY-RING HOLDER. ROBERT F. MENKE, Bessmay, Tex. Filed Oct. 3, 1925. Serial No. 60,284. 3 Claims. (Cl. 24—3.)



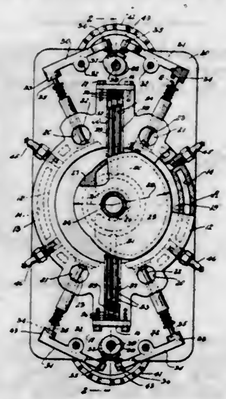
1. A holder of the class described comprising a loop member formed from a single blank of material, said loop member at one end being provided with outwardly extending arms terminating in returned portions, the returned portion of one of the arms overlying the outer face of the second arm and the returned portion of the second arm overlying the inner face of the first arm and extending within the loop member to provide a spring for close frictional contact with the portion of the belt disposed through the loop member, holding means disposed through the arms and through the returned portions, and means carried by said arms and their returned portions for retaining a key ring.

1,575,859. MANIFOLD FOR INTERNAL-COMBUSTION ENGINES. EZEKIEL J. MILES, Detroit, Mich., assignor to Studebaker Corporation, a Corporation of New Jersey. Filed Oct. 14, 1921. Serial No. 507,787. 7 Claims. (Cl. 123—122.)



1. In an internal combustion engine, an exhaust manifold, an intake manifold, a plurality of fixed baffles within said exhaust manifold and a movable baffle cooperating with all said baffles both for directing the exhaust gases toward and for directing the exhaust gases away from said intake manifold.

1,575,860. INTERNAL-COMBUSTION ENGINE. TRAVIS B. MONK, Crete, Ill. Filed Apr. 5, 1922. Serial No. 549,912. Renewed Oct. 21, 1925. 9 Claims. (Cl. 123—14.)



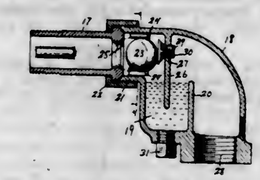
3. In an engine of the class described, the combination with the cylinder and drive shaft thereof, of a rotor eccentrically mounted on said shaft; combustion chambers formed in the inner wall of said cylinder, there being intake openings for introducing a charge of explosive fuel to said chambers; openings to permit explosion of the impure gases after the explosion of said explosive fuel; means controlled by said drive shaft for opening and closing said intake and exhaust openings; ignition means at opposite ends of each of said combustion chambers.

1,575,861. VEHICLE BUMPER. JAMES A. NOMICOS, Chicago, Ill. Filed Apr. 9, 1925. Serial No. 21,743. 3 Claims. (Cl. 293—55.)



3. In a bumper construction for vehicles, semi-elliptical springs; mounting plates fitting the inner faces thereof; pairs of cramping sections having expanded half-round portions intermediate their ends, a half-round member of each pair of clamping sections fitting against the outer face of a spring, bolts connecting each pair of clamping sections on opposite sides of said half-round portions; and bolts on opposite sides of said springs connecting the mounting plates with the spring-fitting clamping sections, substantially as described.

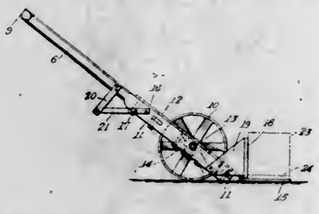
1,575,862. RETURN FITTING FOR VAPOR-HEATING SYSTEMS. LEWIS F. OSTRANDER, Milwaukee, Wis. Filed July 22, 1920. Serial No. 398,228. 5 Claims. (Cl. 182—11.)



1. In a vapor heating system, the combination with a radiator and a return pipe therefor, of a trap interposed in said return pipe near said radiator, said trap

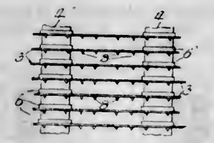
having a well formed therein, a wall depending into said well, a check valve on the radiator side of said wall, the wall being provided with an aperture for the passage of air, and means for restricting said aperture.

1,575,863. SPECIAL TRUCK FOR CEMENT BLOCKS. DOMENICO OTTAVIANI, Brooklyn, N. Y. Filed Oct. 21, 1924. Serial No. 745,017. 1 Claim. (Cl. 280—58.)



A cement block truck comprising side bars, a shaft supported thereby, a single wheel on said shaft midway between said bars, spaced-apart pick-up extensions secured to said side bars and extending forwardly therefrom at an obtuse angle, brackets secured to said side bars and extending upwardly and forwardly therefrom, and a back plate secured to said brackets at right-angles to said extensions and in front of said wheel.

1,575,864. AUTOMOBILE RADIATOR CORE. CHARLES WM. OWSTON, Detroit, Mich., assignor, by mesne assignments, to McCord Radiator & Mfg. Co., Detroit, Mich., a Corporation of Maine. Filed Oct. 19, 1922. Serial No. 595,488. 5 Claims. (Cl. 257—129.)



1. A radiator core, having spaced flat sheet metal heat radiating plates, and water tubes extending through the flat portions of the plates and in contact therewith, said plates being provided with a plurality of relatively small conical projections forced out from the metal of the plates and distributed over substantially the entire area thereof and between and about the tubes to roughen the plates and increase the heat radiating points thereon, said projections having their apexes pointed and closed.

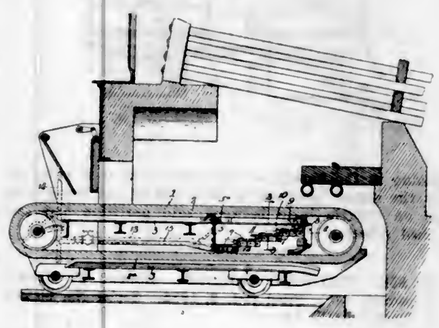
1,575,865. ACCELERATOR FOR THE VULCANIZATION OF RUBBER. PAUL MELVIN PAULSON, Perth Amboy, N. J., assignor to The Roessler and Hasslacher Chemical Company, New York, N. Y., a Corporation of New York. Original application filed Feb. 6, 1925. Serial No. 7,237. Divided and this application filed June 17, 1925. Serial No. 37,868. 26 Claims. (Cl. 18—53.)

3. A process of vulcanising rubber or similar material which comprises combining with the rubber a vulcanizing agent and an accelerator represented by the general formula



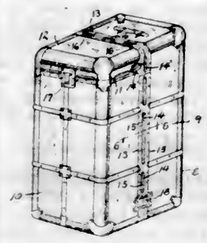
wherein R and R′ are dissimilar organic groups, and vulcanizing the rubber.

1,575,866. DROPPAGE-REMOVING MECHANISM FOR STOKERS. HERMAN A. POPPENHUSEN, Hammond, Ind., and ARTHUR P. STRONG, Chicago, Ill., assignors to Green Engineering Company, East Chicago, Ind., a Corporation of Illinois. Filed Apr. 2, 1921. Serial No. 458,036. 3 Claims. (Cl. 110—40.)



1. The combination with an endless chain grate, of means forming a droppage collecting compartment between the top and bottom leads of said grate and adjacent the rear end of the same, said compartment being open toward said top lead and having a front opening, a damper controlling said opening, and means in said compartment for blowing droppage therefrom toward the front end of the grate and into the space between said leads when the damper is open.

1,575,867. TRUNK CONSTRUCTION. JULIUS RITTER, Jr., Racine, Wis., assignor to Hartmann Trunk Company, Racine, Wis., a Corporation of Wisconsin. Filed Oct. 22, 1923. Serial No. 670,060. 5 Claims. (Cl. 190—19.)

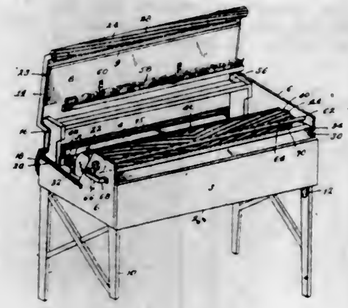


1. A trunk construction, comprising trunk sections having meeting edges, and strips of material mounted on side portions of said edges and having portions shaped to form hinges connecting the ections together and having other portions shaped to form elongated dowel pins and dowel pin recesses extending substantially the length of the edges, which are entered by the dowel pins to reinforce the meeting edges of the trunck sections and form a continuous dust proof connection therebetween.

1,575,868. WALL-PAPER-PASTING MACHINE. WILLIAM J. ROLES, Kansas City, Mo. Filed Apr. 11, 1923. Serial No. 631,322. 8 Claims. (Cl. 91—51.)

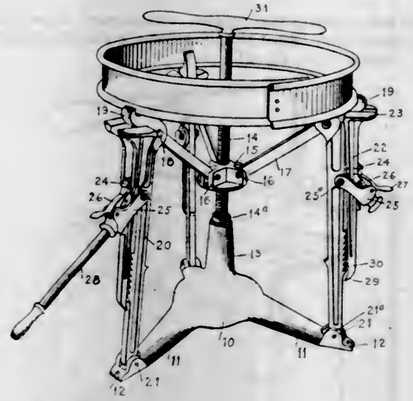
1. In a machine of the character described, a paste receptacle, a roller associated with said receptacle for

applying paste to paper, means associated with said roller for reducing the applied paste to a uniform coating of



desired thickness, and means for further reducing the thickness of said coating at the longitudinal margins of the paper.

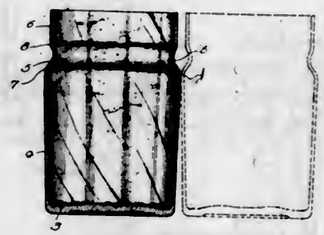
1,575,869. RIM PULLER. CHRIST P. SCHMIDT, Havana, Ill. Filed Dec. 19, 1921. Serial No. 523,252. 3 Claims. (Cl. 157—6.)



1. In a rim puller, in combination, a base plate, a feed screw, toggle mechanism including rim clutching jaws, said toggle mechanism having operable connection between the feed screw and base portion whereby said jaw members may be expanded or retracted, and jack members in connection with said toggle mechanism for applying force exteriorly of a rim clutched by the jaw members.

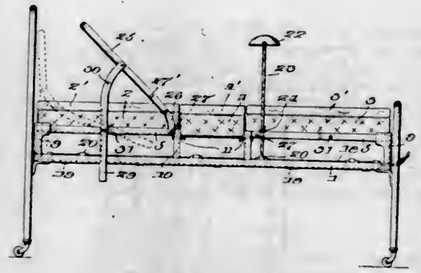
1,575,870. DRINKING GLASS. ALBERT E. SEHLBACH, Chicago, Ill., assignor to Albert Pick & Company, Chicago, Ill., a Corporation of Illinois. Filed July 3, 1925. Serial No. 41,259. 3 Claims. (Cl. 65—13.)

1. A drinking glass having a bottom and an integral thin tubular side wall comprising a lower portion extending upwardly from the bottom, an annular concave portion joined to and extending inwardly from said upwardly projecting portion and a portion above the grooved



portion, forming a mouth-engaging rim, and being less in diameter than the diameter of said lower portion below the grooved portion so as to be protected thereby.

1,575,871. BED. SAMUEL B. SKLAR, Memphis, Tenn. Filed Apr. 21, 1924. Serial No. 707,959. 10 Claims. (Cl. 5—60.)

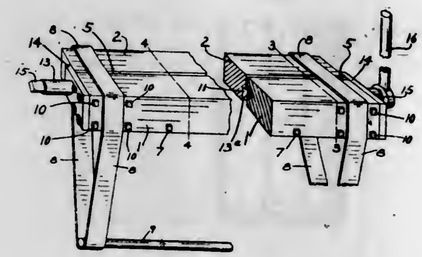


1. In an invalid bed, the combination of a mattress formed of separate sections or units, and one of said units being relatively short measured in the direction of the length of said bed, separate-supporting frames, one for each unit, adapted to support said units by the unattached disposal of said units thereon, said supporting frames being separately mountable upon and removable from the side rails of the bed and slidable along said side rails, and a heater unit of dimensions adapted for its substitution for said relatively short mattress unit upon the supporting frame for said mattress unit in making up said bed.

1,575,872. CLAMPING DEVICE. HARRY B. STROHL, Sidney, Ohio, assignor to The Anderson Body Company, Sidney, Ohio, a Corporation of Ohio. Filed July 3, 1925. Serial No. 41,449. 4 Claims. (Cl. 81—17.)

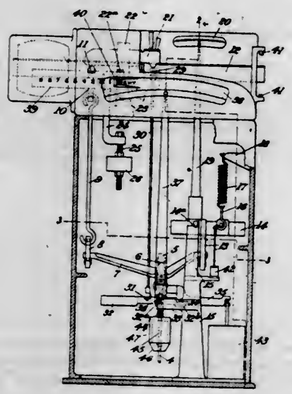
1. A clamping device comprising two parallel members with a sheet receiving space between them, one of said members having its inner face formed with a semicircular recess and the other one of said members having its inner face formed with a recess opposite the semicircular one in the first member, a shaft having a half-

round portion rotatable in the semi-circular recess, and means for turning said shaft to bring one edge of its half-round portion into engagement with the end of a



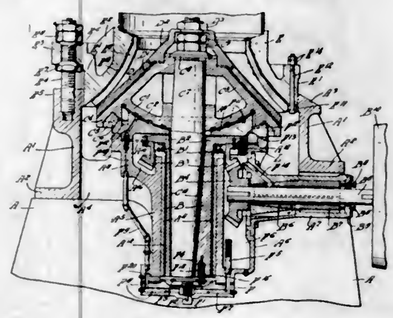
sheet inserted into the space between said members, to press it firmly into the second recess, for the purpose specified.

1,575,873. SEMIAUTOMATIC WEIGHING APPARATUS. CAMERON MCGREGOR SYKES, Birmingham, England, assignor to W. & T. Avery, Limited, Birmingham, England. Filed May 21, 1924. Serial No. 714,898. 4 Claims. (Cl. 265—58.)



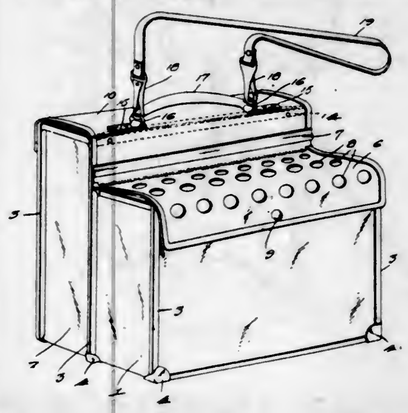
1. A weighing mechanism comprising in combination a steelyard, a poise weight mounted on and traversable along the side steelyard, an automatic resistant, an indicator connected to said resistant, a chart coordinated with the graduations of the steelyard and adapted to co-operate with said indicator said chart affording an indication of the required setting of the poise weight to counterbalance the major order of the load, a pendulous resistant in connection with said steelyard, an indicator connected to said pendulous resistant, a chart adapted to co-operate with said indicator and affording an indication of the minor order of the weighment, means whereby the load acts independently upon each of said resistants, and means connected to said poise weight for indicating the major order of the weighment, the weight indication being disposed in co-relation with the chart for indicating the minor order of weighment.

1,575,874. CRUSHING HEAD. EDGAR B. SYMONS, Los Angeles, Calif., assignor to Symons Brothers Company, Milwaukee, Wis., a Corporation of South Dakota. Original application filed Jan. 24, 1925, Serial No. 4,377, which is a continuation of applications Serial Nos. 662,636 and 662,638, filed Sept. 14, 1923. Divided and this application filed Apr. 4, 1925. Serial No. 20,601. 21 Claims. (Cl. 83—10.)



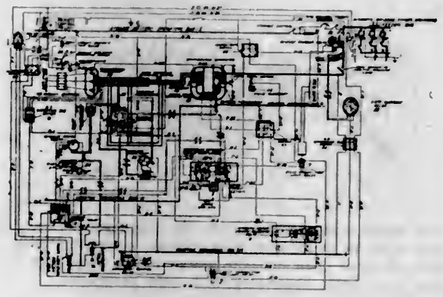
1. In a crushing machine, a gear case, having a circular top opening, a circular closure therefor having an upwardly extending bearing surface, lubricating passages contained within the wall of the housing and the closure, pins unequally spaced interposed between the closure and housing, one of said pins being hollow and adapted to complete the connection between said oil passages.

1,575,875. ANGLER'S CREEL. STANISLAW SZEWCZYK, Passaic, N. J. Filed Feb. 20, 1925. Serial No. 10,545 3 Claims. (Cl. 43—31.)



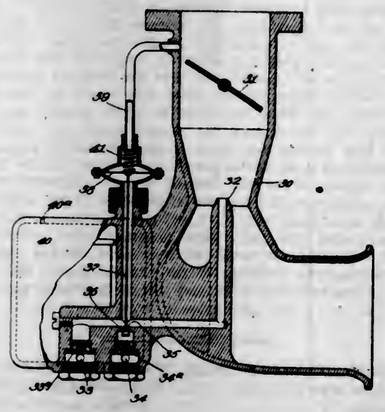
1. A creel comprising a substantially U-shaped frame, front, end, and rear walls on said frame, and a bottom forming with said walls, a substantially foldable fish pouch, an upper extension carried by said rear wall, a tool kit formed integral with the rear wall of said pouch, a reinforcing strip carried by said extension, said extension forming a cover for said tool kit, means for closing said cover over said tool kit, a flap on the intermediate portion of said extension having a plurality of openings formed therein and adapted to cover said pouch, means for securing said cover over said pouch, a handle secured to said reinforcing strip, and means adapted to be attached to said handle for suspending said creel from the shoulders of a user.

1,575,876. AUTOMATIC SUBSTATION. VICTOR E. THELIN, Chicago, Ill. Filed June 25, 1921. Serial No. 480,302. 39 Claims. (Cl. 171—118.)



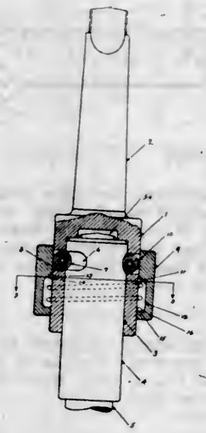
1. In an automatic electric power substation a rotary converter, a time member (1), automatic means (3 and 6) responsive to said time member (1) for starting said converter, automatic means (8) responsive to the normal operation of the station to connect said converter to said direct current distribution circuit, automatic means (9) responsive subject to a time limit to stop said converter in case of abnormal conditions, and means (21) responsive to said means (9) to successively restart said converter until normal conditions prevail.

1,575,877. CARBURETOR. PERCIVAL S. TICE, Chicago, Ill. Filed Apr. 9, 1920, Serial No. 372,884. Renewed Aug. 5, 1925. 4 Claims. (Cl. 261—41.)



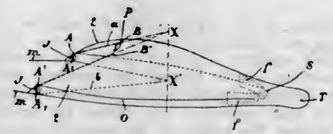
1. In a carburetor in combination with an air intake passage, a fuel discharge passage discharging within the air intake passage; means for throttling the air intake passage; a supplemental fuel supply passage; a valve which controls it; an expansible and contractible chamber having a wall which moves in the expansion and contraction of the chamber; a pressure duct leading from a point in the air intake passage beyond the throttling valve for communicating pressure to said expansible and contractible chambers, the moving wall being located for operating said valve upon change of pressure in the chamber beyond a predetermined degree.

1,575,878. DRILL DEVICE. FRANK A. VEITH, Erie, Pa., assignor to Titan Tool Company, Erie, Pa., a Corporation of Pennsylvania. Filed Jan. 31, 1921. Serial No. 441,233. 2 Claims. (Cl. 279—75.)



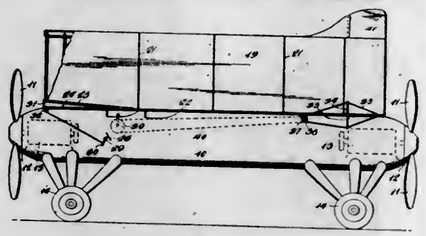
1. In a drill device, the combination of a chuck having a tool socket and a snap ring groove in its outer surface; a key device operating through the wall of the chuck; an operating sleeve slidingly mounted on the chuck and having a locking surface operating on the key device; a cam operating on the key device and an annular recess; a snap ring in the groove and recess; and a spring operating against the snap ring and a wall of the recess and yieldingly holding the sleeve in locking position, said spring being formed integrally with the snap ring.

1,575,879. TRAWLING FISHING GEAR. JEAN-BAPTISTE JOSEPH ALPHONSE VIGNERON, Marseille, France. Filed Sept. 29, 1922. Serial No. 591,321. 6 Claims. (Cl. 43—9.)



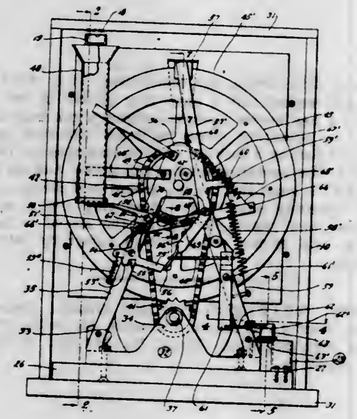
1. A drag net for ground fishing comprising in combination a substantially conical shaped net body two lateral wings extending forwardly from the body, a head rope of trapezoidal shape, means on said head rope for lifting the same in the water whereby swelling upwards the mouth of the net, and a ground rope of pointed shape, the lateral side portions of the head and ground ropes respectively intersecting on the same vertical line which constitutes a common vertical pivoting axis for both the top and bottom portions of the said wings.

1,575,880. AEROPLANE. WILLIAM WALL, Cleveland, Ohio. Filed May 21, 1925. Serial No. 31,835. 3 Claims. (Cl. 244—14.)



1. A wing structure for aeroplanes comprising, an inverted substantially V-shaped portion having an open lower side, a set of ribs extending transversely of the open lower side and beyond said portion, and substantially horizontally disposed wings formed on the extended portions of said ribs.

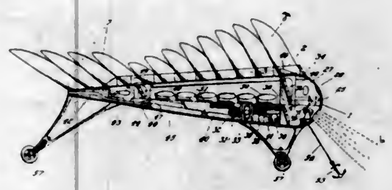
1,575,881. COMBINATION VENDING MACHINE AND AMUSEMENT DEVICE. WILLIAM D. WATLING, Chicago, Ill. Filed June 8, 1923. Serial No. 644,158. 4 Claims. (Cl. 194—28.)



1. A device of the class described including a housing having two openings therein, a rotatable disc member for each opening, arranged within the housing and having portions visible through its opening, means for manually operating said disc members, a spring-drawn shutter, a coin controlled trip device for holding the shutter against the action of its spring in position to obstruct the view of one disk member, means within the casing for actuating said trip device to allow the opening of the shutter, and means actuated upon rotation of the disc members adapted to re-engage the shutter with said trip device after each opening operation.

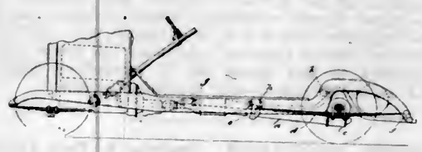
1,575,882. AEROPLANE. WILLIAM G. G. WEIDINGER, Chicago, Ill. Filed Jan. 28, 1925. Serial No. 5,239. 2 Claims. (Cl. 244—14.)

1. In an aeroplane, a streamline perforate cigar-shaped body, supporting wheels for said body, tapered tubular ribs terminally secured to opposite sides of said body, wings and tail planes adjustably arranged upon said ribs, manually controlled pistons arranged within said body and formed with serrations, gear segments fast to



said wings and extending into the perforate portions of said body in mesh with said pistons, streamline propellers arranged upon opposite sides of said body, and motors operatively associated with said propellers.

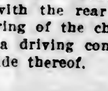
1,575,883. AUTOMOBILE CONSTRUCTION. D'ORSAY MCCALL WHITE, Detroit, Mich. Filed June 16, 1923. Serial No. 645,730. 2 Claims. (Cl. 180—57.)



1. In an automobile, the combination of a pair of front wheels and front axle, a pair of rear driving wheels and driving axle and axle housing, a chassis provided with one or more cross bars and a frame kick up at the rear over the rear axle housing to give the usual necessary clearance and having a relatively deep drop just forward of the rear axle housing so that the dropped portion of the chassis frame has its lower side below the center of the rear axle when the same is in its normal position, springs for suspending the chassis frame on the front axle and on the rear axle housing, a motor supported immediately behind the front axle on the chassis frame and largely above the chassis frame, supported below said cross bar or bars and a propeller shaft supported below said cross bar, or bars, and connecting the said motor with the rear axle housing, and under-slung where it connects with the rear axle housing thereby permitting the lowering of the chassis frame, said propeller shaft having a driving connection with the rear axle on the under side thereof.

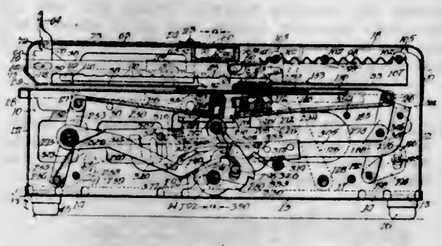
1,575,884. ACCELERATOR FOR THE VULCANIZATION OF RUBBER. CARL STUART WILLIAMS, Woodbridge, N. J., assignor to The Roessler and Hasslacher Chemical Company, New York, N. Y., a Corporation of New York. Original application filed Feb. 6, 1925, Serial No. 7,237. Divided and this application filed June 17, 1925. Serial No. 37,876. 22 Claims. (Cl. 18—53.)

17. A process of vulcanizing rubber or similar material which comprises combining with the rubber a vulcanizing agent and an accelerator charncterized by the group



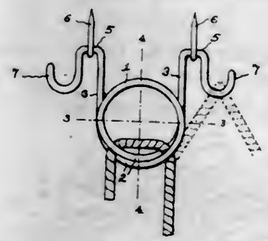
in which R is a hydrocarbon radical.

1,575,885. CHECK WRITER. ARTHUR H. WOODWARD, Winnetka, Ill., assignor to International Register Co., Chicago, Ill., a Corporation of Illinois. Filed Oct. 22, 1924. Serial No. 745,047. 38 Claims. (Cl. 101—20.)



1. In a device of the class described, a shaft adapted for rocking movement in opposite directions, an oscillating cradle, and an arm for shifting said cradle in opposite directions by means of said shaft.

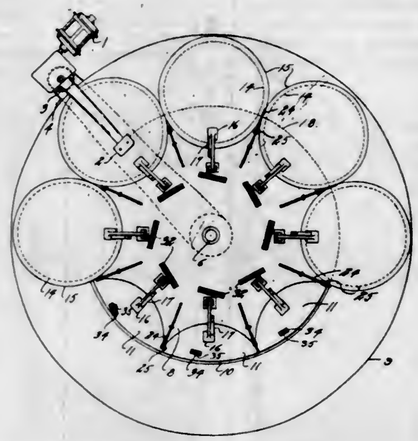
1,575,886. ROPE CLAMP. HENRY WURM, Cleveland, Ohio. Filed Mar. 23, 1925. Serial No. 17,557. 3 Claims. (Cl. 24—131.)



1. A rope clamp formed of a single length of wire and comprising a looped jaw, a pair of spaced arms forming a complemental jaw and crossed strands connecting the arms and looped jaw, said crossed strands providing V-shaped rope gripping notches on opposite sides of their intersection and the arms terminating in laterally bent portions, a base, and pivot members projecting from the base and pivotally receiving the laterally bent portions of the arms, whereby the rope clamp is free to swing with respect to the base.

1,575,887. MULTIPLY-FABRIC BUFFER-SECTION MANUFACTURE. HARRY ZIMMERMAN, Fremont, Ohio. Filed June 4, 1924. Serial No. 717,910. 2 Claims. (Cl. 112—2.)

1. The method of producing multiply-fabric buffer-sections comprising the step of grouping plies in superposed relation, each superposed grouping to form a set, said groupings to provide a plurality of sets; the step of disposing the groupings in a lineally extending series, having an intermediate set in approximately abutting relation with adjacent sets in said series; the step of stitching through one set for securing the plies thereof together, and continuing such stitching in the region of said abutting relation to form stitching connection with said intermediate set, and still further continuing such stitching in the succeeding set in completing such stitching through said series of sets; the step of severing the stitching connecting adjacent sets; the step of shifting a severed stitched set relatively to an adjacent set to obtain a different abutting relation; and the steps of repeating in sequence said stitching, severing and shifting steps, whereby a plurality of sections forming sets of plies receive partial stitching operations thereon in recurring succession.

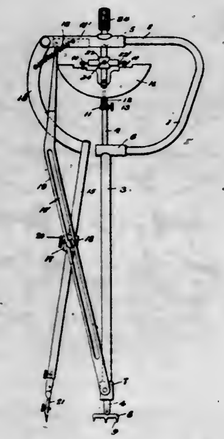


1,575,888. WELL PUMP. JOHN A. ZUBLIN, Los Angeles, Calif. Filed Jan. 25, 1923. Serial No. 614,776. 4 Claims. (Cl. 103—225.)



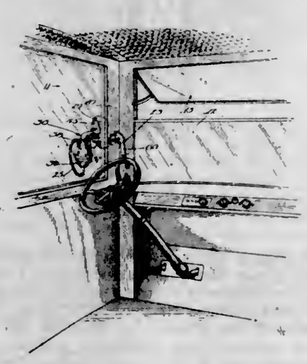
1. A well pump unit including a tubular plunger forming a longitudinal fluid passage and having a valve seat, a sucker rod comprising a special section having a valve element and a guide collar, both interfitting within reduced ends of the plunger to maintain the rod and plunger in relative axial alignment, and an abutment near the upper end of said special section, the rod having an initial independent movement relative to the plunger whereby during an up stroke the valve element first engages the valve seat to close the fluid passage and then translates the plunger, and during a down stroke the valve first opens the fluid passage and the abutment then translates the plunger.

1,575,889. INSTRUMENT FOR DRAWING ELLIPSES. PIETRO ZULIANI, Lonato, Italy. Filed May 21, 1923. Serial No. 640,525. 2 Claims. (Cl. 33—30.)



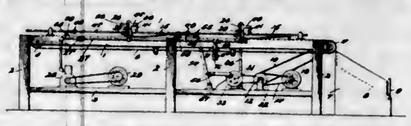
1. An instrument of the class described including a spindle, a frame pivoted to and movable about said spindle and having a marking element connected thereto, a pair of semi-circular plates, means pivoting said plates on a common axis, said means having therein an opening through which the spindle passes, means connected to said plates and slidable upon said spindle whereby said plates are adapted to assume various angles of inclination, a bar connected to said frame and means for resiliently holding said bar against the periphery of said plates during the movement of the frame about the spindle, said bar being adapted to control the movement of said marking element.

1,575,890. ADJUSTABLE SPOTLAMP. ERNST G. K. ANDERSON, Chicago, Ill., assignor, by mesne assignments, to Appleton Electric Co., Chicago, Ill., a Corporation of Illinois. Filed Dec. 23, 1920. Serial No. 432,663. 15 Claims. (Cl. 240—61.)



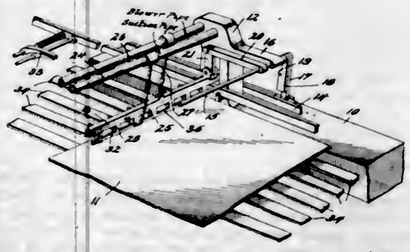
6. The combination with a wall member and a controlling member for a universal lamp mount, comprising a tube extending through and having rotative bearing in said wall member, a support for a universal adjustable lamp structure arranged on the outer end of said tube, an angular member having one arm connected to said support so as to be rotatable around the long axis of said arm, means for supporting a lamp on the other arm of said angular member, a swinging and rocking hand piece on said tube inwardly beyond said wall, and a second controlling member loosely connected to said angular member and extending inwardly through said tube and operatively connected to said hand piece, whereby said tube can be turned about its long axis and said second controlling member can be axially displaced.

1,575,891. COLLATING DEVICE. HARRY V. ASHBY, Erie, Pa., assignor of one-half to Edward B. Ashby, New York, N. Y. Filed Apr. 13, 1923. Serial No. 631,920. 21 Claims. (Cl. 270—58.)



4. A collating machine, comprising a frame, a plurality of sheet receiving trays mounted on said frame at longitudinally spaced points thereof, sheet conveying means mounted vertically below said trays adapted to convey sheets to a common point, a set of sheet lifting devices above each tray mounted to reciprocate up and down, means for reciprocating said devices and means operating in timed relation thereto for transferring sheets therefrom to said conveying means.

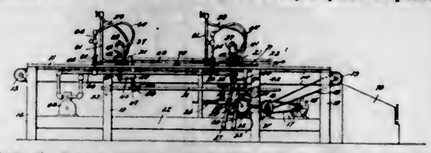
1,575,892. SHEET-FEEDING DEVICE. HARRY V. ASHBY, Erie, Pa., assignor of one-half to Edward B. Ashby, New York, N. Y. Filed July 6, 1923. Serial No. 649,964. 15 Claims. (Cl. 271—26.)



1. In sheet feeding mechanism, a frame having means for supporting a pile of sheets, a transverse bar mounted to reciprocate up and down above said support, mechanism for reciprocating said bar including a one-way connection adapted to positively raise said bar and permit it to fall by gravity, said bar having two interior separated conduits extending longitudinally thereof, flexible connections for supplying suction in one of said conduits and compressed air in the other, a plurality of nozzles extending downwardly from said bar communicating with said suction conduit, and a plurality of nozzles communicating with said compressed air conduit directed at different angles to deliver air blasts obliquely and horizontally against the edges of the sheets.

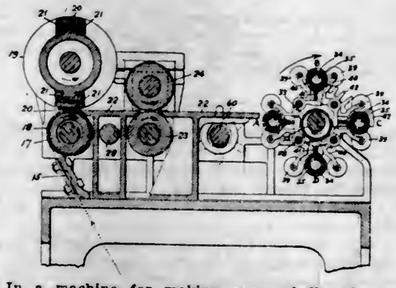
1,575,893. COLLATING DEVICE. HARRY V. ASHBY, Erie, Pa., assignor of one-half to Edward B. Ashby, New York, N. Y. Filed July 22, 1924. Serial No. 727,516. 15 Claims. (Cl. 270—59.)

1. A collating machine including in combination, a frame, a transverse horizontal roller journalled in said frame adjacent each end thereof, endless tapes passing around said rollers, means for rotating one of said rollers, a plurality of longitudinally spaced tables mounted on said frame slightly above the upper runs of said tapes, each adapted to hold a pile of sheets, and a single means associated with each pile of sheets for lifting sheets singly therefrom and depositing them simultaneously on said tapes at longitudinally separated points



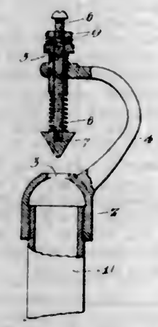
thereof, the velocity of said tapes being so timed with respect to the operation of said means that all sheets simultaneously deposited on said tapes will be moved past the last said means in the direction of movement of the upper runs of said tapes before a second set of sheets is deposited thereon.

1,575,894. MACHINE FOR MAKING PAPER SHELLS. WILLIAM T. AYER, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a Corporation of Delaware. Filed Sept. 18, 1923. Serial No. 663,387. 15 Claims. (Cl. 93—81.)



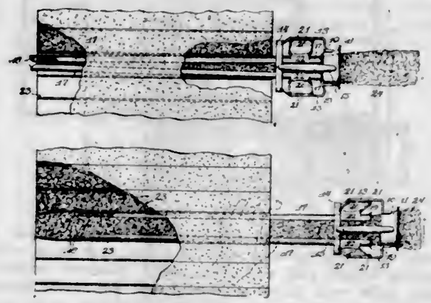
1. In a machine for making paper shells, the combination with a rotary device for cutting diagonally an advancing sheet of paper into a series of blanks, of a rotary mandrel adapted to be engaged by the advanced part of the cut edge of the paper before the cutter has completed the next cut.

1,575,895. COOLING SPRAY. EDWIN A. BAKER, Los Angeles, Calif. Filed Jan. 30, 1922. Serial No. 532,620. Renewed Sept. 9, 1925. 4 Claims. (Cl. 299—130.)



1. In a spraying device, the combination of a body having a discharge port, and a rigid fixedly mounted arm extending upwardly above the discharge port, an elongated stem mounted to slide through the arm and projecting downwardly therefrom toward the discharge port, said arm having means constituting the sole guide for the stem, means for limiting the downward movement of the stem, a baffle member carried at the lower end of the stem in the path of the jet for spreading the same, and a spring on the stem located in the space between the arm and the baffle member, and yieldingly holding the baffle member in position near the discharge port.

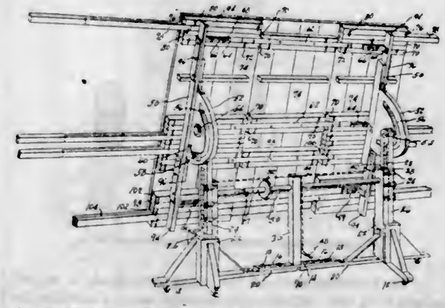
1,575,896. PADDING NEEDLE. MARTEN BALCKER, Chicago, Ill., assignor to George J. Goldman and Nicholas N. Goldman, both of Chicago, Ill. Filed Aug. 19, 1925. Serial No. 51,198. 14 Claims. (Cl. 226—43.)



1. A padding needle for inserting filling into upholstery, said needle embodying opposed elongated members between which the material is held, and means supporting said members for movements laterally one toward and away from the other and for movement longitudinally one with relation to the other, and means for guiding the material between the said members.

14. A padding needle for inserting filling into upholstery and which contains and grips the material, and means mounting the parts of said needle with respect to each other in a manner that the friction created between the wall of the piping and the said parts of the needle will operate to cause the needle to release the material whereby the material will remain in said piping when the needle is withdrawn from the piping.

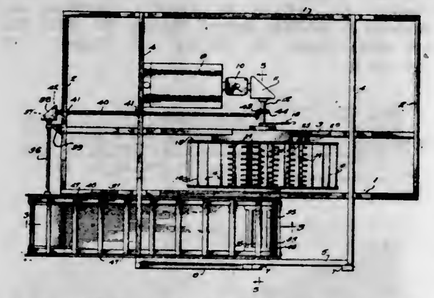
1,575,897. SIGN-PAINTER'S TABLE. GEORGE R. COLE, Port Huron, Mich. Filed Aug. 22, 1925. Serial No. 51,737. 5 Claims. (Cl. 45—111.)



1. In a table of the character described, a portable base having uprights provided with transverse supports, stringers detachably secured to said supports, top sections removably receivable upon said stringers having guides extending therealong, turn buttons carried by the guides adapted to be locked over said stringers to fasten the top sections to the stringers, additional guides on said top sections, extension stringers receivable between said last

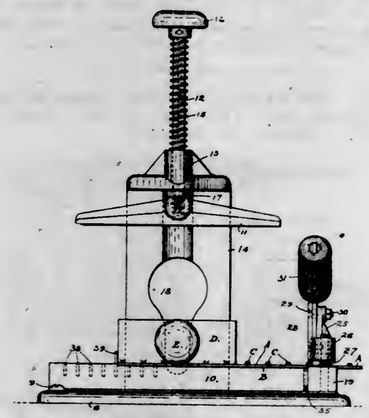
named guides and the stringer guides, means for releasably fastening said extension stringers in position between said guides, supplemental top sections detachably fastened to said extension stringers, a transverse brace detachably fastened to said extension stringers, and a leg support detachably hinged to said transverse brace.

1,575,898. DITCHING MACHINE. THOMAS LEE COLLINS, Sarasota, Fla. Filed Sept. 29, 1925. Serial No. 59,392. 4 Claims. (Cl. 37—96.)



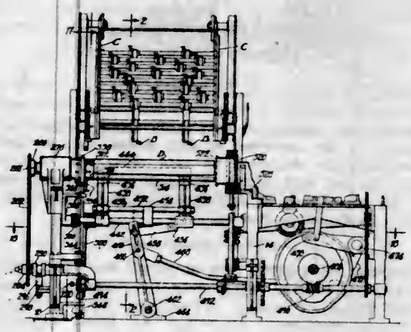
1. In a device of the character described, a frame, a drum rotatably mounted on said frame, said drum comprising spaced side walls and plates arranged between said walls and extending beyond the peripheral edges of said walls, the outer edges of said plates being provided with knife edges, a cutting element carried by one of said walls on the exterior and projecting beyond the edge of the wall, a conveyer arranged beside said drum, and a second conveyer extending axially of said drum and adapted to deliver material from said drum to said first conveyer.

1,575,899. MEANS FOR MOUNTING AND CUTTING LABEL-HOLDER CHANNELS. JAMES COOKE, Omaha, Nebr. Filed July 14, 1924. Serial No. 725,926. 8 Claims. (Cl. 164—45.)



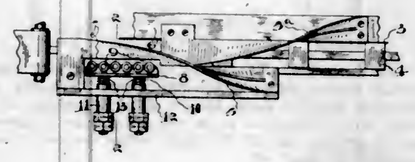
1. In a mechanism of the class described, a mandrel adapted to fit within the channel-bar, a holder-block carrying said mandrel and grooved to receive the flanges of the channel-bar, clamping means engageable with the back of the channel-bar, said means and the holder-block and mandrel having faces alined in a plane transverse to the channel-bar and said members fitting about all sides of the channel-bar in said plane, and a shear-blade having a cutting edge movable in said plane to cut off portions of the channel-bar projecting therefrom.

1,575,900. SHEET-WINDING APPARATUS. SIMON COOPER, Brooklyn, N. Y., assignor to The McCall Company, New York, N. Y., a Corporation of New York. Original application filed Nov. 18, 1922, Serial No. 601,858. Divided and this application filed Aug. 27, 1924. Serial No. 734,386. 23 Claims. (Cl. 242—55.)



1. A folding machine including a collapsible arbor adapted to simultaneously wrap a multiplicity of sheets and flexible means movable across the arbor for exerting a tension on the sheets being wrapped.

1,575,901. FOLDING MECHANISM FOR CARTON FLAPS. RUDOLF D. DELAMERE and VICTOR G. WILLIAMS, Toronto, Ontario, Canada. Filed Dec. 1, 1924. Serial No. 753,148. 2 Claims. (Cl. 93—6.)

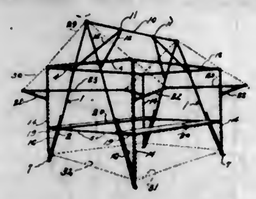


1. In a machine for folding cartons which comprise four connected sides, each provided with an end flap, the forward and rear flaps each being substantially one half the length of the open end of the carton and the lateral flaps each being substantially the width of the said open end, the combination of a driven carrier for the carton; means adapted to fold and secure the flaps to close the end of the carton while it is in motion, the lateral flaps being folded one over the other, a frame; a plurality of anti-friction rollers carried by the frame and adapted to engage one side of the carton at the turned edge of the flap connected thereto; resilient means tending to hold the rollers in engagement with the carton; and means for engaging the other side of the carton at the turned edge of the flap connected thereto whereby the pressure of the rollers increases the overlapping of the lateral flaps and forces the sides of the carton toward one another and into close contact with the edges of the forward and rear flaps until sealing of the lateral flaps takes place.

1,575,902. TENT FRAME. GEORGE H. DIAL, Columbus, Ohio. Filed Nov. 17, 1924. Serial No. 750,281. 4 Claims. (Cl. 135—4.)

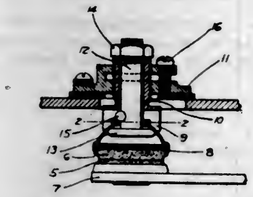
1. A device of the class described, comprising a pair of spaced end sections consisting of a pair of pivotally

connected standards, brace bars pivotally connected to the standards and to each other, portions of said bars



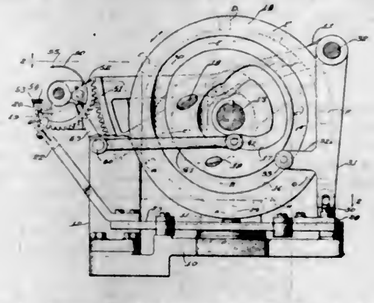
constituting supports, rods connected with the standards and supports, and counters disposed between the sections and engaged with the supports.

1,575,903. CONTACT SUPPORT FOR RELAYS. FARNUM F. DORSEY, Rochester, N. Y., assignor to North East Electric Company, Rochester, N. Y., a Corporation of New York. Filed Aug. 27, 1923. Serial No. 659,566. 4 Claims. (Cl. 200—166.)



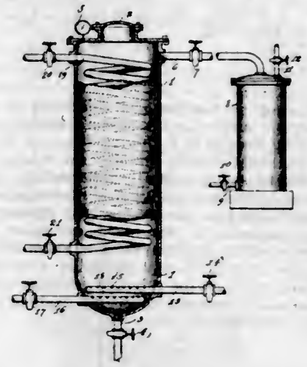
1. The combination, with a wide, flat contact, of a shell embracing the contact and having a spherically-curved, centrally-perforated rear portion; a stem axially perforated and provided with a head recessed to provide a seat for the spherical portion of the shell; and a bolt passing through the perforations in the stem and the shell and having a head within the latter and a nut at the remote end of the stem.

1,575,904. THREAD-LOOPING MECHANISM FOR STITCHING MACHINES. LEO J. DU MAIS and FLOYD E. MINER, Chicago, Ill., assignors to Chicago Shoe Machinery Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 22, 1924. Serial No. 687,862. 1 Claim. (Cl. 112—55.)



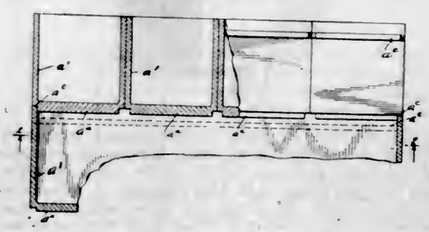
In a stitching machine, the combination with a barbed needle and the work-plate, said work-plate having a slot for the passage of the needle therethrough, of a thread looper movable in a horizontal plane, and a thread hook movable in an upwardly inclined plane with respect to said horizontal plane, said looper and the said thread hook co-operating to positively engage the thread upon the barb of the needle, means for operating the thread looper, said means including a cam-groove wheel, rollers engaging said grooves, one of said rollers being mounted upon a vertically mounted lever and the other of said rollers being mounted upon a longitudinally swinging lever, both of said levers co-operating to impart a differential movement to the said thread looper, an arm mounted for pivotal movement in a vertical plane and operatively connected to the thread hook, and a roller carried by said arm and engaging one of the grooves of said wheel.

1,575,905. PROCESS FOR BLENDING AND PURIFYING LIGHT HYDROCARBONS. GUSTAV EGLOFF, Independence, Kans., assignor to Universal Oil Products Company, Chicago, Ill., a Corporation of South Dakota. Filed Dec. 31, 1920. Serial No. 434,184. 7 Claims. (Cl. 196—12.)



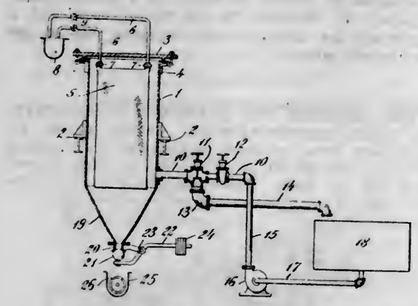
3. A process of blending light gasoline-like hydrocarbons contained in uncondensable gas with a heavier absorbing oil consisting in mixing the two and simultaneously purifying them by passing them through a solution of a base of caustic soda and litharge.

1,575,906. CONTAINER FOR ICE BOXES OR THE LIKE. FANNY FREY, Brooklyn, N. Y. Refile of abandoned application Serial No. 566,678, filed June 8, 1922. This application filed June 27, 1925. Serial No. 40,074. 4 Claims. (Cl. 217—13.)



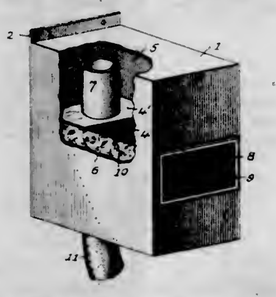
1. Open topped containers for storing food in ice boxes or the like made in sets of different sizes, of which the smallest set form units and the larger sets are multiples of said units, each container being formed at its bottom with as many reduced portions or pads as the number of units it is a multiple of, the reduced portion of each container being peripherally shaped and sized to snugly fit in the open top of a unit container, whereby differently sized containers may interchangeably be stacked on top of one another and the upper ones serve as covers for the lower ones.

1,575,907. FILTERING AND THICKENING PROCESS AND APPARATUS. ALBERT LEGRAND GENTER, Salt Lake City, Utah, assignor of one-half to The General Engineering Company, Salt Lake City, Utah, a Corporation of Utah. Filed Apr. 11, 1921. Serial No. 460,187. 5 Claims. (Cl. 210—182.)



1. The process of filtering and thickening a mixture which comprises subjecting the mixture while in contact with a filtering medium to a filtering action in the course of which the liquid passing through the medium forms a filtrate column, and periodically interrupting the filtering action and lowering the level of the mixture being filtered with respect to the level of the filtrate in said column by producing a downward movement of the greater portion of the mixture which is above the bottom of the filtrate column, thereby producing a reverse flow of the filtrate through the filtering medium which discharges the solids accumulated on the medium into the mixture and thickens the same.

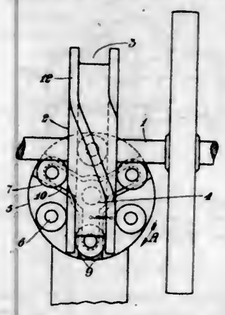
1,575,908. AIR FILTER ATTACHMENT FOR MOTOR VEHICLE ENGINES. GEORGE J. GILMORE and CHARLES A. ROMMEL, Chicago, Ill. Filed Apr. 1, 1925. Serial No. 19,774. 2 Claims. (Cl. 183—45.)



1. An air filter for motor vehicle engines, comprising a closed casing having an inlet opening at one side and a distance above the bottom of the casing, a foraminous shutter fitting said inlet opening, a foraminous partition dividing the casing into upper and lower communicating compartments, a filling of elastic porous material in the lower one of said compartments, and an air outlet duct connected to the upper compartment a distance above said dividing partition.

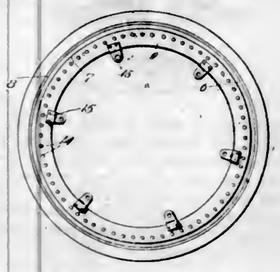
1,575,909. MOVING-PICTURE MACHINE. MATTIAS JONATAN GISELSON, Orsten, Tronodal, Sweden. Filed Mar. 10, 1924. Serial No. 698,023. 3 Claims. (Cl. 74—36.)

1. In a mechanism of the kind described the combination of a driving wheel provided with a camway, a driven wheel, and pins carried by said driven wheel and adapted to cooperate with said camway, some of said pins being rigidly attached to said driven wheel and the other



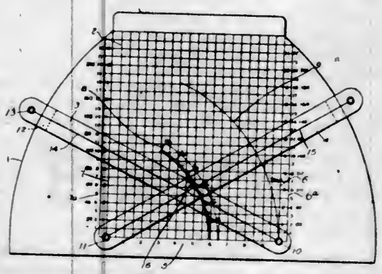
pins being resiliently attached to said driven wheel and spring-actuated in a direction towards an adjacent rigid pin.

1,575,910. DEMOUNTABLE RIM FOR CUSHION TIRES. WILLIAM F. J. GOERSCH, Cleveland, Ohio. Filed Mar. 21, 1925. Serial No. 17,275. 4 Claims. (Cl. 152—7.)



3. A demountable rim for cushion tires comprising, a band transversely divided into sections, transverse ribs integrally formed on each section, said ribs having bolt holes, retaining rings at opposite sides of the band, and bolts extending through the holes and rings to secure the elements together.

1,575,911. CALCULATING DEVICE. ALIBO H. GÓMEZ, Wilkinsburg, Pa. Filed Nov. 20, 1923. Serial No. 675,824. 16 Claims. (Cl. 235—61.)



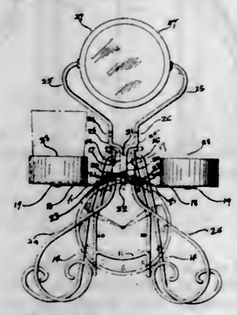
1. A calculating device having a plurality of transversely-extending scales, one of said scales being divided into parts corresponding to the numerals 0 to 10, inclusive, and a plurality of intercrossing members respectively having pivotal points corresponding to the ends of said one scale.

1,575,912. SANITARY TOILET SEAT. ULYSSES R. GRANT, Alameda, Calif., assignor to Hygienic Seat Company, San Francisco, Calif., a Corporation of California. Filed Dec. 18, 1923. Serial No. 681,354. 1 Claim. (Cl. 4—234.)



A toilet seat comprising a pair of cooperating sections of sheet material formed to provide a hollow substantially elliptical seat, one of said sections forming a bottom part of relatively wide flat form, said bottom part having an area of substantially semi-circular shape extending from the inner edge of the seat forwardly, said area extending upwardly in curved relation from the juncture with the flat adjacent portion of the part, to the central portion of said area at the inner edge thereof and terminating in a plane contiguous to the horizontal plane of the upper edge of the seat, and the other of said sections forming the upper part having the edge portions curved downwardly from the central portion in a predetermined manner, the forward portion of said upper part being formed with an area extending substantially above the horizontal plane of the upper edge of the seat and spaced above the area of the bottom part, said last-mentioned area having the portion of greatest height adjacent the inner edge of the seat and having the remaining portions of the area curving downwardly in all directions into the curvature of the remaining portion of the part to provide a body receiving contour in said seat, the edges of said sections being formed into interlocking cooperation to retain the sections in seat forming relation.

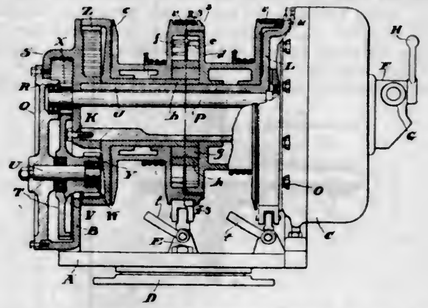
1,575,913. TOILET BACK. FRANCIS C. HALL, New York, N. Y. Filed Jan. 16, 1924. Serial No. 686,573. 5 Claims. (Cl. 211—24.)



1. In an article of the class described, the combination of a central supporting member provided with a horizontal and vertical portion, a leg member hinged to the upper end of the vertical portion, and a leg member hinged to the outer end of the horizontal portion, said leg members being each provided with a lug adjacent the respective pivots to engage the central supporting member to limit and hold the said legs in their outward supporting positions.

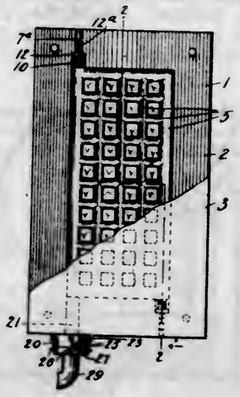
1,575,914. DOUBLE-DRUM HOIST. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Oct. 10, 1925. Serial No. 61,635. 3 Claims. (Cl. 254—185.)

1. In a hoist, the combination of a base plate, a frame on one end of the base plate, a reversible motor at the opposite end of the base plate, a main driving shaft connected to be rotated by the motor, a center bearing encircling the driving shaft, drums rotatable about the center bearing, an eccentric main driver connected to be rotated by the driving shaft and rotatable about the



center bearing, and means mounted rotatably about the main driver for connecting the main driver with one or the other of the drums in accordance with the direction of rotation of the main driver.

1,575,915. RADIATOR. AUSTIN H. HART, Montclair, N. J., assignor, by mesne assignments, to Rome Radiation Company, Inc., a Corporation of New York. Filed May 1, 1922, Serial No. 557,742. Renewed Jan. 30, 1926. 1 Claim. (Cl. 204—8.)

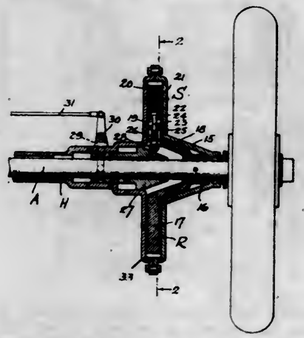


The method of forming tubular shells for connection to conduits comprising preparing a core of material having a relatively low fusing point, attaching exposed metal bushings to said core at points corresponding to those where connections are desired, electroplating a metallic coating upon the core and bushings to the desired thickness, and then removing the core by fusing it below the fusion point of the bushing and electrodeposited metal, thereby leaving a shell of the electrodeposited metal reinforced by the bushings where connections are to be made.

1,575,916. FLUID BRAKE. GUSTAVE E. HEDSTROM, Long Beach, Calif. Filed Mar. 17, 1924. Serial No. 699,905. 6 Claims. (Cl. 188—90.)

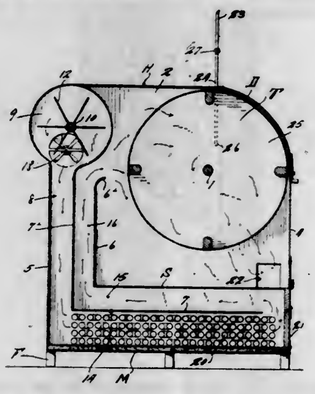
1. A fluid brake comprising a sectional casing adapted to contain a fluid, an axle passing through the central portion of the casing, a cam, and means to permit the cam to be moved longitudinally on the shaft and to rotate therewith, a rotor functioning in said casing and secured to the shaft at one side of the vertical center of the casing, the position of the cam being to the op-

posite side of the vertical center of the casing, the rotor mounted in eccentric relation to the casing so as to provide a constant restricted space between the rotor and the inner face of the peripheral walls of the casing



at one point of the latter, and a series of radially movable vanes in said casing adapted to coact with said cam so as to be moved with respect to the inner face of the peripheral wall of the casing, and means for retracting said vanes on moving the cam in one direction.

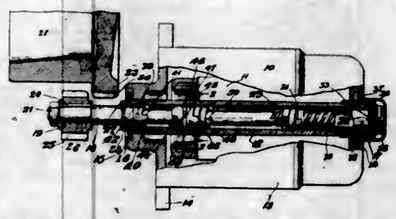
1,575,917. DRYING TUMBLER. CHARLES J. HUNT, Barnsdall, Okla., assignor of one-half to William L. Clem, Barnsdall, Okla. Filed Oct. 20, 1925. Serial No. 63,740. 6 Claims. (Cl. 34—5.)



5. A drying tumbler comprising, in combination, a housing, a rotating tumbler drum mounted within the upper portion of the housing, an air chamber disposed across the housing, an air duct leading therefrom and disposed in a tortuous path and discharging toward the drum, a blast fan arranged within the air chamber, an air feeding fan delivering to the air chamber, and means for discharging steam into the housing adjacent to the opposite ends of the drum.

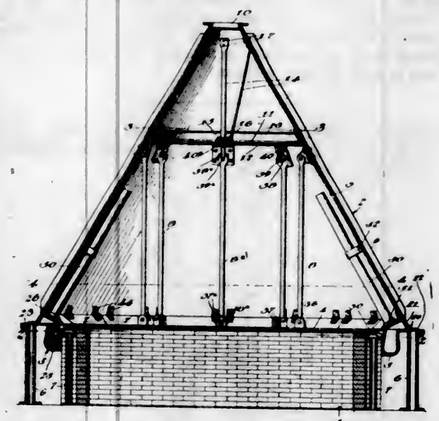
1,575,918. ENGINE-STARTING MECHANISM. ERNEST R. HUNTLEY, Los Angeles, Calif., assignor to Industrial Research Corporation, Toledo, Ohio, a Corporation of Delaware. Filed Sept. 9, 1920, Serial No. 409,141. Renewed June 4, 1924. 8 Claims. (Cl. 74—7.)

1. In a motor starter for engines, in combination an engine member; a motor having a hollow shaft; a drive shaft secured within the hollow shaft and adapted for axial and rotative movement relative thereto; a pinion on one end of the drive shaft adapted for connection with the engine member; a screw thread at the other end of the drive shaft having co-operative engagement with an internally threaded nut mounted within the hollow shaft; a jaw clutch within the hollow shaft concentric with and loosely mounted on the drive shaft; a coiled spring surrounding the drive shaft, the ends of



said spring being operatively connected to said clutch and nut respectively; and a clutch member fixed to the drive shaft; said pinion and engine member, clutch members, and spring and hollow shaft being adapted to form automatically a positive driving connection between the motor and the engine member when the motor is initially energized and to disengage automatically when the engine member is driven by the engine.

1,575,919. STILL. GEORGE HENRY HURSHMAN, Graybull, Wyo. Filed Feb. 28, 1925. Serial No. 12,381. 9 Claims. (Cl. 196—133.)



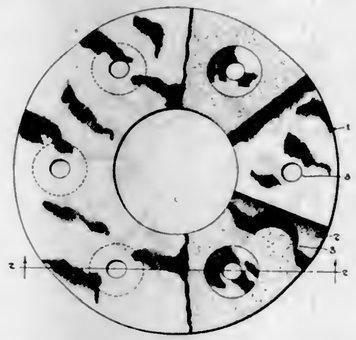
1. In a still of the character described, a body portion, a bottom, means for supporting the bottom while leaving it free to expand and contract, and expansible and contractible means connecting the bottom and the body portion.

1,575,920. PISTON RING. WILLIAM H. KEYS, Clayton, Mo. Filed June 1, 1925. Serial No. 33,957. 3 Claims. (Cl. 74—109.)



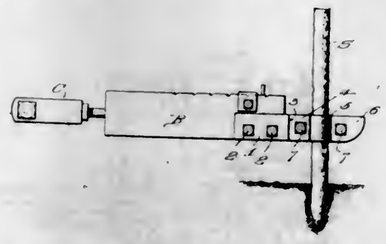
1. A piston ring having a circumferential oil groove and a groove in its lower side edge, and passages from each of said grooves through the ring to the inner periphery of the ring.

1,575,921. FLEXIBLE COUPLING. ELMER G. KIMMICH, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Original application filed Sept. 5, 1922, Serial No. 586,280. Divided and this application filed Sept. 27, 1924. Serial No. 740,267. 4 Claims. (Cl. 64—96.)



1. A composite disc for flexible couplings comprising a plurality of superposed alternated layers of rubber and fabric in a flexing zone of the disc and fabric washers interposed between adjacent layers of fabric in the zone of the driving holes of the disc.

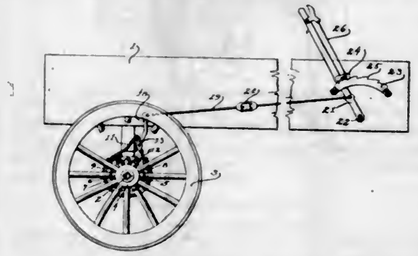
1,575,922. ANCHORING MEANS FOR WIRE TENSIONERS. JOHN W. LENLING, Groton, S. Dak. Original application filed Aug. 1, 1924, Serial No. 729,657. Divided and this application filed Feb. 21, 1925. Serial No. 10,921. 2 Claims. (Cl. 248—2.)



2. In an anchor for a body, a pair of elongated metal plates having flat laterally spaced parallel end portions adapted to be secured to opposite sides of the body near one end thereof, said plates being bent laterally inward at right angles on transverse lines to abut said end of the body and then directed laterally at right angles in a direction parallel to said parallel end portions to provide a pair of stake-clamping arms, said arms having outwardly bowed stake-embracing portions between their ends, the free terminals of said arms projecting beyond said stake-embracing portions and being adapted to be engaged by the user's foot to permit him to force the stake into the ground, and clamping bolts passing through said arms at opposite sides of said stake-embracing portions to clamp said portions against the stake.

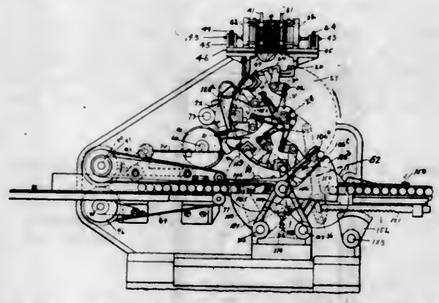
1,575,923. VEHICLE BRAKE. CHARLES LOETHER, Lafontaine, Kans. Filed Apr. 13, 1923. Serial No. 631,857. 1 Claim. (Cl. 188—77.)

In a vehicle brake, the combination with the wheel hub of a vehicle and a brake drum thereon; of a friction strap encircling the periphery of said drum, a pair of plates connected to the ends of said strap, the opposite ends of said plates being bifurcated and the furcations looped to provide sockets, a pair of links having their one ends looped to form sockets adapted to fit between the sockets of the ends of said plates, means for hingedly securing the last mentioned ends of the links to said plates, one of said links being of greater length than the other and having its outer end extending to a plane above the plane of the outer end of the shorter link, the outer ends of said links being also bifurcated and the furcations looped



to form sockets, a horizontally disposed shaft mounted for oscillation on the vehicle and having a squared end disposed in a plane between the outer ends of said links, a crank arm keyed to the squared end of said shaft having its ends hingedly connected between the sockets of the outer ends of said links, whereby to draw the ends of said links toward one another when the shaft is turned in one direction, an arm keyed to the squared end of said shaft, and means in connection with said arm for manually actuating the latter and correspondingly actuating said shaft, as and for the purposes described.

1,575,924. MACHINE FOR BANDING CIGARS. THEODORE G. MCGIRR, Brooklyn, N. Y. Filed Mar. 28, 1925. Serial No. 18,970. 6 Claims. (Cl. 131—61.)

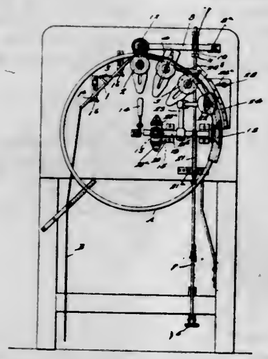


1. In a cigar banding machine, the combination with cigar holding and band feeding mechanism, of means for bending the ungummed ends of the bands inward before they are applied to the cigars, said bending means comprising two moving members one of which has a friction surface and the other of which has a sharp edge over which the band is drawn while pressed against by said friction surface.

1,575,925. APPARATUS FOR APPLYING FLIPPER STRIPS TO TIRE BEAD CORES. HARVEY F. MARANVILLE, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Jan. 12, 1922. Serial No. 528,746. 6 Claims. (Cl. 154—9.)

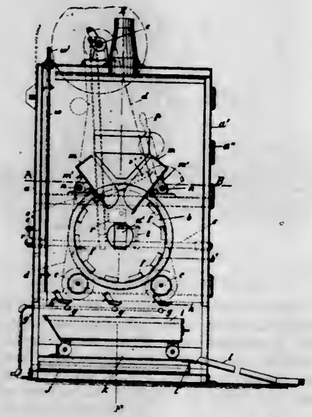
3. Apparatus for applying fabric strips to bead core rings, comprising a roller having a bead ring receiving groove, means for feeding a fabric strip thereto, a mov-

ably mounted roller for progressively pressing a superposed head ring and the underlying strip into said groove, a pair of deflecting devices for deflecting the margins of



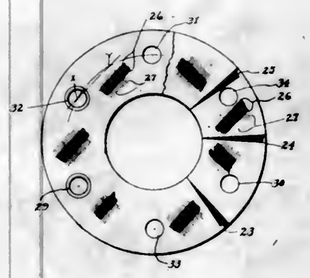
the strip radially outward, one of said deflecting devices including a stationary deflector and the other a cooperating presser roller, and a pair of devices for subsequently pressing said margins together.

1,575,926. PLATING DEVICE. NIKOLAUS MEURER, Berlin-Tempelhof, Germany, assignor to Metallogen Gesellschaft mit beschränkter Haftung, Berlin-Neukolln. Filed Nov. 19, 1921. Serial No. 516,489. 5 Claims. (Cl. 91—12.2.)



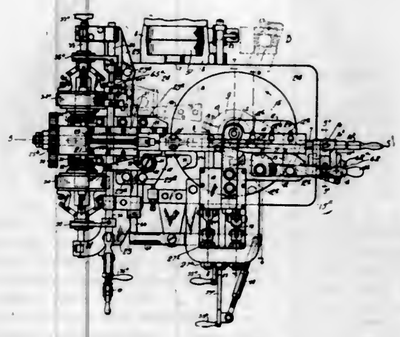
1. A device for producing metallic coatings comprising a chamber with a plating compartment and a preheating compartment above the plating compartment, two perforated hinged plates between the said compartments, means for tilting the said plates down from a horizontal position in which they form a support for the objects to be plated into oblique positions, and a rotatable drum arranged in the plating compartment and adapted to receive the said objects.

1,575,927. FLEXIBLE COUPLING. HERMAN E. MOSER, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Oct. 21, 1920. Serial No. 418,491. 5 Claims. (Cl. 64—66.)



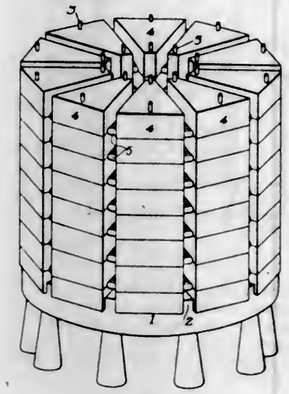
1. A flexible member for driving connections comprising superimposed layers of fabric united by a binder and arranged with the warp and weft elements of one layer respectively registering with the weft and warp elements of the adjacent layers.

1,575,928. PIPE OR TUBE BENDING MACHINE. PHILIP MUELLER, CLARENCE W. LUCAS, and ANTON C. SCHUERMANN, Decatur, Ill., assignors to Adolph Mueller, trustee, Decatur, Ill. Filed Mar. 16, 1922. Serial No. 544,133. 48 Claims. (Cl. 153—40.)



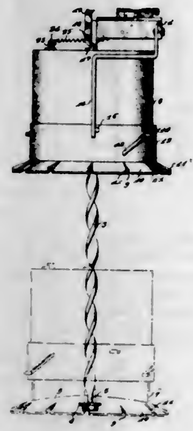
1. In a tube bending machine, the combination of a pivotally mounted tube carrier, a mandrel having a flexible section, means for moving the mandrel to and from a position where the flexible section is within the end of a tube in the carrier adjacent the axis of the carrier, means for turning the tube carrier about its axis, automatically acting means for applying pressure to the tube and mandrel at the opposite side of the axis of said carrier from the body thereof during the bending operation, and automatically acting means for applying pressure to the bent tube adjacent said axis while the mandrel is being withdrawn.

1,575,929. MOLDING CONCRETE STRUCTURES. JOSEPH B. MURRAY, Brooklyn, N. Y. Filed July 23, 1924. Serial No. 727,608. 6 Claims. (Cl. 25—155.)



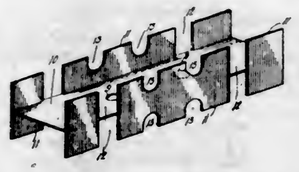
1. In the building of a reactor, the method which consists in first setting up a plurality of coils of the cable with removable cores at intervals and then casting plastic material in a monolithic structure about said plurality of coils and said cores and thereafter removing the cores.

1,575,930. FEED DISTRIBUTOR. ROBERT CARL OLSON, Zion, Ill. Filed Oct. 29, 1924. Serial No. 746,645. 7 Claims. (Cl. 119—56.)



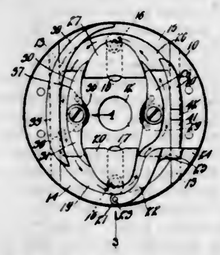
1. The combination with a spiral guide stem and a support therefor, of a container mounted to slide and rotate upon the stem, a broadcasting disk spaced from but rotatable with the bottom portion of the container, means for holding the container against rotation, time-controlled means for releasing the container, means for imparting an initial impulse to the container, when released, a closure for the container, and means for opening the closure during the actuation of the container.

1,575,931. FORM TIE AND SPACER CONSTRUCTION. HARRY A. ORLOPP, Venice, Calif., assignor to David Baker Smith, Los Angeles, Calif. Filed Nov. 6, 1923. Serial No. 673,060. 13 Claims. (Cl. 25—131.)



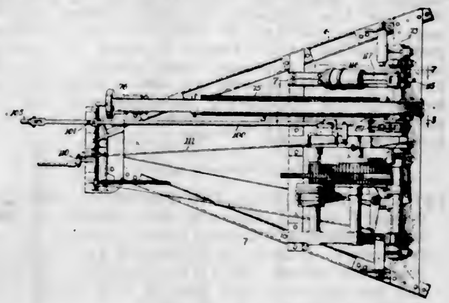
1. A concrete tie and spacer embodying a flat metal plate adapted to lie between abutting edges of form boards or the like and extending between opposite boards of the form, and flanges extending on opposite sides of the plate and at right angles thereto, said flanges having form board receiving notches.

1,575,932. KNITTING MACHINE. NAPOLEON J. PERRY, Nashville, Tenn., assignor to May Hosiery Mills, Nashville, Tenn., a Corporation of Tennessee. Filed Dec. 19, 1919, Serial No. 345,956. Renewed May 29, 1925. 10 Claims. (Cl. 66—24.)



7. In a dial cap for rib knitting machines, a pivoted needle retracting cam having an opening, a radially movable needle projecting cam and a pivot pin fitting in the opening in the needle retracting cam and movable with the needle projecting cam, substantially as set forth.

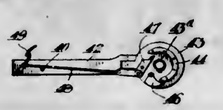
1,575,933. WARPING APPARATUS. BURT A. PETERSON and PRESTON W. CUMMINGS, Rockford, Ill., assignors to Barber-Colman Company, Rockford, Ill., a Corporation of Illinois. Filed Dec. 31, 1923. Serial No. 683,563. 12 Claims. (Cl. 28—51.)



1. A trip mechanism having, in combination, a spring-actuated arm provided with a socket, a ball in said socket, an adjusting screw carried by the socket to support the ball, said socket comprising a cylindrically con-

cave wall against which the ball bears, a lever pivoted between its ends, said ball bearing against one arm of said lever, and an electromagnet normally holding the other arm of said lever.

1,575,934. HARROW. JAMES PICK, Marriott, Saskatchewan, Canada. Filed Dec. 29, 1923. Serial No. 683,398. 5 Claims. (Cl. 55—19.)



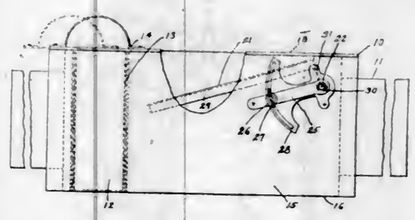
1. A harrow lift of the character described, a frame mounted on land wheels, a drawbar fixedly secured to the frame, axle-supporting brackets for the drawbar, a pair of axles, field wheels rotatably mounted on said axle, pulleys on the axles operatively connected to the harrows, disc head pieces loosely mounted on the inner ends of said axles, guideways on the head pieces, ratchet members on the land wheel, means extending through the pulleys designed to engage the ratchet members and guideways to cause the pulleys to rotate, and means for engaging and automatically disengaging said means.

2. In a device of the character described, the combination with a frame and a pair of axles rotatably supported in said frame and provided with field wheels and a draw-bar, of a plurality of harrows chain-connected to said draw-bar and means for raising and lowering the harrows comprising lifting pulleys fixedly mounted on the machine axles, a longitudinally extending and bent rod through said pulleys, ratchet wheels fixedly mounted adjacent the outer ends of the axles and trip engaging means provided with a guideway loosely mounted on the inner ends of the axles, means on said rod for engaging the ratchet wheels, the inner end of said rod being designed to travel in said trip receiving member and means operated from the driver's seat for disengaging the rod from said member and comprising a trip lever operatively connected to a trip member designed to open and close the guideway on the trip receiving member, whereby, on the guideway being closed, the rod is operated to raise the harrows and whereby, on reaching a predetermined point, the rod is disengaged to automatically lower the harrows.

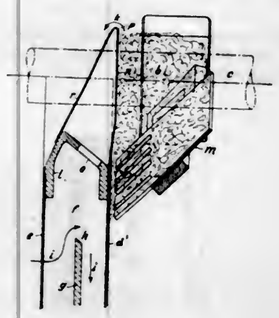
5. A device of the character described, comprising a frame, a pair of axles square in cross-section and formed with spindles at each end, a pair of slotted frame members designed to engage with the inner pair of spindles, a pair of land wheels loosely carried on the outer pair of spindles, pulleys fixedly mounted on said axles and flexibly connected with a plurality of harrows, ratchet members on said wheels, disc head pieces connected to the slotted frame members and loosely mounted on the inner spindles, guideways on said pieces, rods extending through the pulleys and adapted to engage the ratchet members and the guideways, means operable from the driver's seat to engage with said rods to wind the pulleys, means for automatically disengaging said rods to unwind said pulleys, and means for returning the rods to starting position.

1,575,935. AIR MIXING AND FILTERING DEVICE. GEORGE T. RANDLE, Saylesville, R. I., assignor to The Motor Protection Company, Central Falls, R. I., a Corporation. Original application filed Jan. 18, 1923. Serial No. 613,545. Patent No. 1,530,619. Divided and this application filed Mar. 18, 1925. Serial No. 16,548. 4 Claims. (Cl. 183—44.)

1. An air mixer for being connected into an air conduit system and having a box-like body structure, said body structure having a relatively extended side opening for air in one of the lateral walls, a plate-like damper housed within said body structure and fitting against the opposed inner border walls of said opening, a shaft extending across the interior of said body structure and operatively supported by other of said lateral walls, said shaft being spaced inwardly from said border walls, supporting means intermediate said shaft and damper, and said supporting means being constructed and arranged to compensate for the spacing of the shaft and damper, whereby notwithstanding such spacing the damper will fit flatwise against the border walls of the opening.



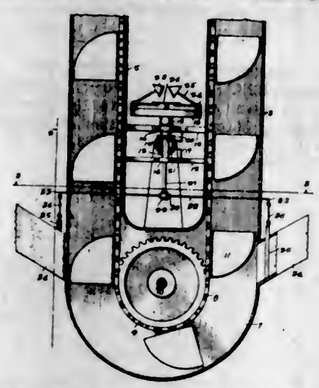
1,575,936. MULTICHAMBER APPARATUS FOR CONDUCTING LEACHING, WASHING, OR LIKE OPERATIONS ON SOLID OR SEMISOLID MATERIAL. WALTER RAABE, Cothen, Anhalt, Germany. Filed Feb. 7, 1925. Serial No. 7,576. 8 Claims. (Cl. 127—7.)



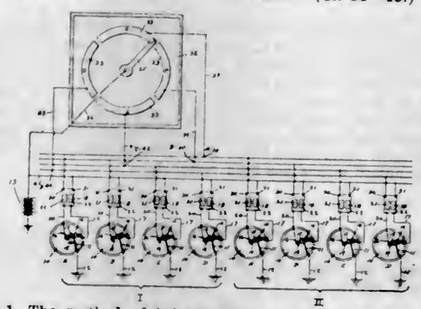
1. A multichamber leaching apparatus for solid and semi-solid material and more particularly for removing sugar from sacchariferous plant cuttings on the counter-current principle comprising, a drum, partitions in the drum forming leaching chambers therein, lifting members for lifting the non-liquid material over the partitions, and liquid pervious surface members positioned adjacent the partitions so that the non-liquid material passes over the pervious surfaces in being lifted over the partitions.

1,575,937. GRAIN-ELEVATING CONVEYER. CARL L. RHOTEN, Arriba, Colo. Filed Sept. 8, 1925. Serial No. 55,146. 3 Claims. (Cl. 198—207.)

1. In combination, a grain elevating conveyer including a casing having a boot and embodying a transverse driven foot shaft journaled in the boot, an endless conveyer member movable in the casing and operatively associated with said foot shaft, and governor operated means operatively connected to said foot shaft for controlling flow of grain into said boot, said controlling means including dump bin chutes discharging into the boot and provided with controlling gate valves, and a slidable governor operated vertical rod connected to said valves, the connection between said vertical rod and said valves embodying a horizontal rod having rigid lateral arms respectively connected to said vertical rod and said valves.

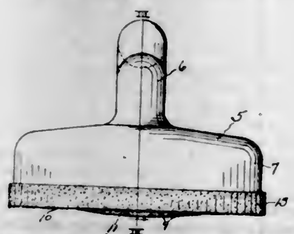


1,575,938. CONTROL DEVICE FOR DRY KILNS. FREDERICK W. RUBIN, Indianapolis, Ind. Filed Apr. 6, 1925. Serial No. 21,251. 7 Claims. (Cl. 34—19.)



1. The method of bringing into successive action the steam control devices for a battery of kilns wherein the relative humidity of each kiln is individually controlled by its respective device, consisting of electrically controlling said individual steam control devices in timed relation with respect to each other, whereby said control devices will be caused to operate in rotation relative to each other so as to distribute therebetween a common steam supply for said kilns.

1,575,939. RESILIENT CLEANING ATTACHMENT. VIRGIL SATTERWHITE and WELCOME A. DILLE, Kansas City, Mo. Filed Apr. 3, 1925. Serial No. 20,383. 2 Claims. (Cl. 15—158.)



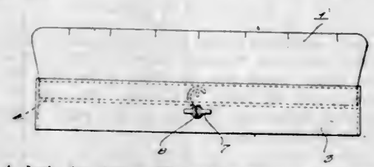
1. A cleaning attachment of the class described comprising, in combination, a hollow head having annular depending sides, a network partition within said head and a porous resilient body embraced by said depending sides and extending beyond the edge thereof, said extended portion having an outwardly disposed flange extending beneath and beyond said edge.

1,575,940. PROTECTED PAPER CURRENCY AND PROCESS OF MAKING SAME. PHILIP A. SAWYER, Hasbrouck Heights, N. J. Filed Nov. 11, 1924. Serial No. 749,344. 8 Claims. (Cl. 91—67.9.)

3. The paper currency comprising a paper body upon which the design has been printed and a thin coating containing sensitizing coloring material applied to both sides of the paper currency, the design material and coating material both containing a substantial portion of a common binding ingredient, thereby uniting the coating to the design and to the exposed portions of the paper body to promote the strength and waterproof properties thereof.

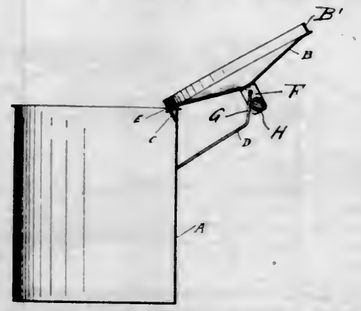
7. The process of making paper currency, bonds or other instruments of value which comprises printing the desired design on the paper body with ink adapted to give strong adherence with the protective coating employed, substantially drying the design and successively spraying on both sides of the paper currency a thin solution of cellulose ester dissolved in volatile solvent and drying the same to secure permanent union of the thin substantially transparent colloidal coating with the design and with the exposed paper body to promote the strength and impermeable character thereof.

1,575,941. LOCKING DEVICE FOR AUTOMOBILE CUSHIONS. RALPH SCHABER, Detroit, Mich. Filed Oct. 21, 1925. Serial No. 63,926. 4 Claims. (Cl. 155—178.)



1. A lock for automobile seat cushions comprising a rod carried by the bottom of a seat cushion and spaced therefrom, a rotatable shaft mounted in the seat cushion supporting frame and being directly below said rod, and hooks formed on said shaft and adapted to extend over the rod for preventing the removal of the seat cushion from its supporting frame.

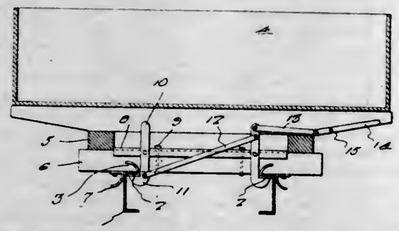
1,575,942. WASHBOILER COVER AND DRAINAGE BOARD. BROR MAX SCHAUMAN, Atlantic Highlands, N. J., assignor to an Association comprising Grandin V. Johnson, Otto Gautschy, and Harry W. Johnson, all of Highlands, N. J., William Koch, Long Branch, N. J., and Bror Max Schauman, Atlantic Highlands, N. J. Filed Mar. 22, 1921, Serial No. 454,459. Renewed June 8, 1925. 3 Claims. (Cl. 68—30.)



1. In combination with a wash boiler, a cover for the same having a flange on its lower or inner face and an outwardly extending projection on its outer face parallel

to one edge thereof, a brace pivoted on the outside of the cover having its free end resting against the boiler, and means for limiting the pivotal movement of the brace.

1,575,943. DUMP TRUCK. ARTHUR W. SPENCE, Assumption, Ill. Filed Feb. 15, 1924. Serial No. 693,037. 1 Claim. (Cl. 298—38.)



In combination with a vehicle frame provided with flanges, a body mounted for movement relative to the frame, hooks pivotally mounted at points between their ends upon the body and adapted to engage under the flanges of the frame, a rod pivotally connecting the hooks on opposite sides of their fulcrums for causing them to swing simultaneously toward and away from each other, a link connected to one of the hooks, and a lever pivoted intermediate its ends upon the body and operatively connected with the link.

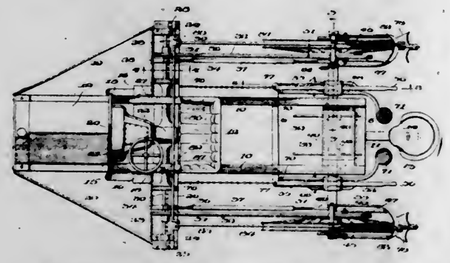
1,575,944. APPLICATION OF MUD-LADEN FLUIDS TO OIL OR GAS WELLS. BEN K. STROUD, Los Angeles, Calif. Filed Apr. 6, 1923. Serial No. 630,399. Renewed Dec. 16, 1925. 8 Claims. (Cl. 166—1.)

5. A mud laden fluid for oil or gas wells comprising iron oxide in suspension.

1,575,945. APPLICATION OF MUD-LADEN FLUID TO OIL OR GAS WELLS. BENJAMIN K. STROUD, Los Angeles, Calif., assignor to National Pigments & Chemical Company, St. Louis, Mo., a Corporation of Missouri. Filed Dec. 17, 1924. Serial No. 756,624. 21 Claims. (Cl. 255—1.)

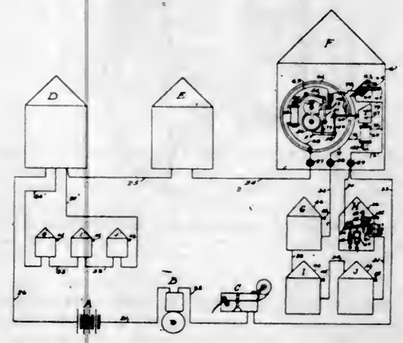
1. A mud-laden fluid for oil or gas wells characterized by the fact that it is slimy and has a specific gravity which is substantially in excess of that of clay-laden fluids of the same viscosity.

1,575,946. POWER CULTIVATOR. MANLEY S. SULLIVAN, Charleston, S. C. Filed Feb. 9, 1925. Serial No. 8,051. 8 Claims. (Cl. 97—135.)



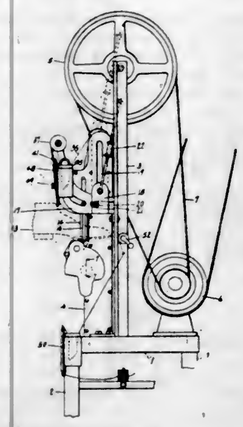
1. A cultivator of the type described including a frame, a rear axle, wheels on the axle spaced from the frame sides, brackets slidably mounted on the axle between the frame and wheels, hand controlled means to shift the brackets on the axle, cultivator bars depending from the brackets, cultivator implements, and heads to which the implements are attached, adjustably mounted for vertical movement on the said cultivator bars.

1,575,947. STARTING ATTACHMENT FOR SIGNAL TRANSMITTERS. NATHAN H. SUREN, Needham, Mass., assignor, by mesne assignments, to The Gamewell Company, Newton, Mass., a Corporation of Massachusetts. Filed July 8, 1921. Serial No. 483,222. 10 Claims. (Cl. 177—369.)



1. An attachment comprising means for functional operation in response to an auxiliary circuit to cause starting of a main line transmitter only when said means is preconditioned for such operation, an indicator movable from set to unset position upon functional operation of said means, and latch means for said indicator so governed by said first named means as to prevent resetting of said indicator other than when such preconditioning of said first named means has been restored.

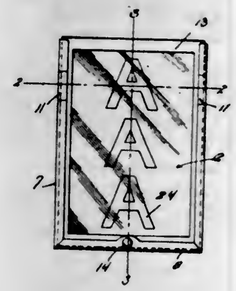
1,575,948. SOLE-STITCHING MACHINE. NEIL D. SWEET and THOMAS A. SWEET, Colon, Mich. Filed Mar. 14, 1922. Serial No. 543,667. 2 Claims. (Cl. 112—28.)



1. In a structure of the class described, the combination with a supporting upright, a driving wheel mounted at the top thereof, a sewing machine comprising a frame, work rest, presser foot, needle-bar, shuttle, said frame being mounted on said upright below said driving

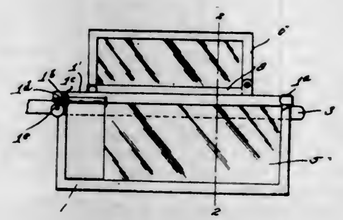
wheel, and means for operating said needle-bar comprising a rocker member operatively associated therewith, a slide vertically reciprocating on said frame, a pitman connecting said slide to said driving wheel, and a roller on said slide, said rocker member being slotted to coact with said roller.

1,575,949. TAG HOLDER FOR VEHICLES. LAWRENCE T. THORN, Harrisburg, Ark. Filed Feb. 19, 1924. Serial No. 693,813. 2 Claims. (Cl. 40—16.)



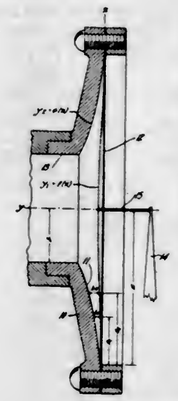
1. A tag holder of the class described comprising a metallic backing plate formed with inturned edges at the sides and bottoms to slidably receive a tag, a protecting transparent cover for said tag received in said edges, an open retaining frame slidably mounted in the inturned edges outwardly of the protecting cover and having a rearwardly directed downturned lip formed on the upper end engaging over the upper end of the backing plate to prevent entrance of dirt and water to the tag, and means on the backing plate for securing it to a support.

1,575,950. CITY LICENSE AND IDENTIFICATION CARD HOLDER FOR MOTOR VEHICLES. LAWRENCE T. THORN, Harrisburg, Ark. Filed Mar. 6, 1925. Serial No. 13,561. 1 Claim. (Cl. 40—125.)



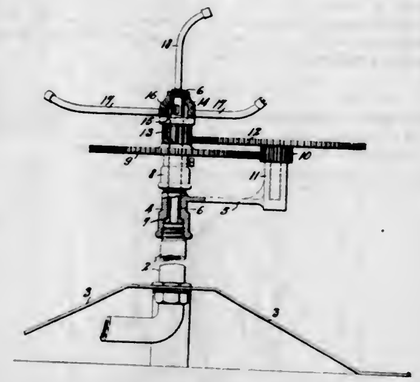
In combination, a city license tag holder having a projection on the lower end, a license bracket, a license plate holder having a bulged portion on the rear side forming a channel within the bulged portion, the said city license tag holder, license bracket, and plate holder having aligned openings therein, securing members passed thru said openings, fastening means within the channel engaging said securing members for mounting the several parts in associated relation, whereby a license plate sealed in the license holder encloses said fastening means for preventing disassemblage of the parts without breaking the seal between the license and its holder.

1,575,951. ACOUSTICAL INSTRUMENT. ALBERT L. THURAS, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 20, 1924. Serial No. 757,277. 4 Claims. (Cl. 181—31.)



1. In an acoustic apparatus, a sound chamber, and means for setting up sound vibrations in said chamber, said chamber being shaped to cause the instantaneous vibrational velocity of the air to be substantially constant throughout the chamber.

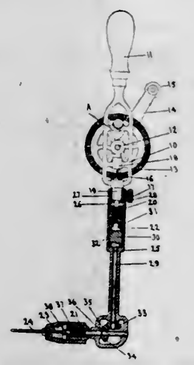
1,575,952. WATER SPRINKLER. WILLIAM CHARLES TODD and JAMES WILLIAM POMEROY, Victoria, British Columbia, Canada. Filed Feb. 3, 1923. Serial No. 616,670. 1 Claim. (Cl. 299—70.)



A sprinkler, comprising the combination with a hollow head to which a water supply under pressure is delivered, a central tubular stem rotatably mounted in the head to project from its upper end and retained against endwise movement therein, said stem having a nozzle secured to its upper end to angularly project therefrom, a reaction sprinkler head rotatably mounted on the central stem and deriving its water supply therefrom, a pinion secured on the sprinkler head, a wheel rotatably mounted adjacent to said pinion, the teeth of which mesh with

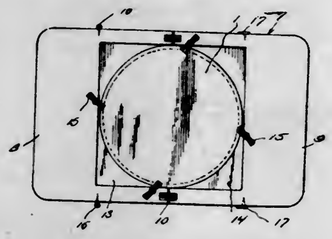
those of the pinion, a second pinion secured to rotate with the wheel, and a second wheel secured on the central stem the teeth of which wheel mesh with those of the second pinion, whereby the central stem is positively rotated from the reaction sprinkler head.

1,575,953. ATTACHMENT FOR DRILLING MACHINES. PETER TOORKS, Boston, Mass. Filed Mar. 31, 1925. Serial No. 19,602. 1 Claim. (Cl. 77—7.)



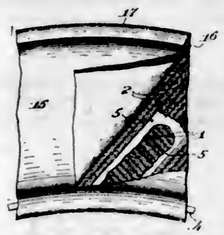
An attachment for a hand drill comprising a supplemental frame, having means for attachment to the frame of said drill, after the removal of the chuck from the latter; a shaft rotatably mounted in said supplemental frame, and constructed at one end with a threaded socket to receive the threaded extremity of the drill spindle, vacated by the chuck; a supplemental spindle rotatably mounted in the supplemental frame at an angle with relation to the axis of said shaft, said spindle having a threaded extremity which is a counterpart of the threaded extremity of the drill spindle, and to which the chuck is transferred from the drill spindle; and means by which said socketed shaft operates to drive the supplemental spindle, for the purpose of rotating the chuck on the supplemental spindle.

1,575,954. TABLE-TOP ATTACHMENT. SAMUEL J. WALASCHEK, New York, N. Y. Filed June 16, 1924. Serial No. 720,349. 1 Claim. (Cl. 45—75.)



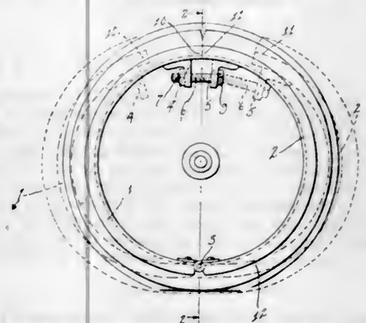
In combination, a circular table top, an auxiliary top including complementary sections hinged together at their adjacent ends, each section including a pair of superposed laminations, the hinged edges of the top laminations being arcuate in formation and beveled, and the same ends of the bottom lamination being of rectangular U-shape in formation, and means for securing the auxiliary top of said table top.

1,575,955. CORD TIRE. WALTER R. B. WHITTIER, Chattahoochee, Ga. Filed Nov. 8, 1919. Serial No. 336,590. 15 Claims. (Cl. 152—13.)



1. A tire having therein a layer of round textile cordage characterized by a structure preventing rotative surface motion of the cord under longitudinal strain tending to break it away from adhesions or plastic attachments, and a covering mass in plastic attachment to the cordage layer.

1,575,956. AUXILIARY RIM AND TIRE. LELA EARL WILLIAMS, Benton, Ill. Filed May 11, 1925. Serial No. 29,513. 5 Claims. (Cl. 301—39.)



1. An auxiliary rim and tire of the character described comprising a pair of semi-annular members hingedly secured to one another, a solid resilient vehicle tire disposed on the peripheral walls of said semi-annular members each having portions thereof fashioned to engage with and partially receive the flange of a standard pneumatic tire bearing rim, and means for locking said hingedly connected semi-annular members with their free ends in close contact with one another, whereby said auxiliary rim may be securely held against movement relative to said standard tire bearing rim.

1,575,957. COMPOSITION FOR HIGHWAY SURFACING AND THE LIKE. JOSEPH HAY AMIES, Philadelphia, Pa. Filed Mar. 4, 1924. Serial No. 696,908. 1 Claim. (Cl. 94—23.)

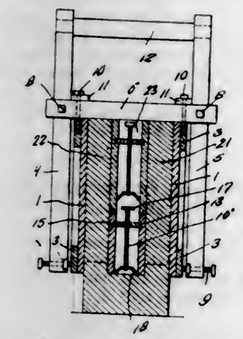
The herein described process of manufacturing compositions for highway surfacing and the like, which consists, first, in placing soil (common earth) and mineral materials in a standard rotating heating cylinder and heating the same to about 2,000 degrees F. secondly, placing soil (common earth) and mineral materials in a standard mixing machine, or upon a float for ready hand manipulation, then, thirdly, placing thereupon from ten to fifteen pounds of the oxide of calcium in an already slaking condition to each ten to fifteen cubic feet batch quantity of the said soil and mineral materials, then adding from one to two cubic feet of the highly heated soil and mineral material, then adding about twelve per cent of the highly heated bituminous material whilst the oxide of calcium is slaking, all as particularly and in detail herein specified.

1,575,958. PROCESS OF DYEING AND PRINTING OF TEXTILE GOODS AND OTHER MATERIALS ADAPTED TO BE IMPREGNATED. MARCEL BADER, Mulhouse, France, THÉODORE LOMBARD, Basel, Switzerland, CHARLES SUNDER, Mulhouse, France, and CHARLES VAUCHER, Basel, Switzerland, assignors to Society Durand & Huguenin S. A., Basel, Switzerland. Filed July 24, 1923. Serial No. 653,567. 8 Claims. (Cl. 8—5.)

1. A process for dyeing and printing with vat-dyestuffs, consisting in applying to the goods a water-soluble ester-like derivative of a vat-dyestuff and then developing the dyeing thereon by reforming the dyestuff by action of a suitable oxidizing agent.

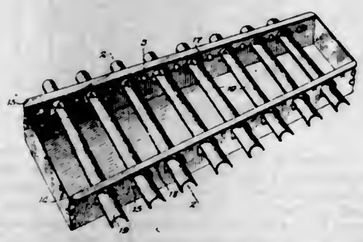
5. A process for dyeing and printing with vat-dyestuffs, consisting in applying to the goods a water-soluble ester-like derivative of a vat-dyestuff with an oxidizing agent, printing thereon a suitable agent for neutralizing the effect of the oxidizing agent, in combination with a fixable dyestuff capable of withstanding the reserving agent, steaming and passing through acid, for the purpose of producing a colored effect on a colored ground.

1,575,959. CONCRETE WALL MOLD. ADOLF BARSTAD, Smiley Township, Pennington County, Minn. Filed Oct. 6, 1925. Serial No. 60,864. 5 Claims. (Cl. 25—131.)



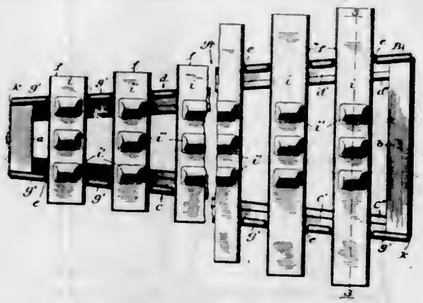
1. A mold for forming a concrete wall with an air duct comprising outer and inner forms, means for securing the outer forms, means for locking the inner forms in their assembled position, and means associated with the inner forms for forming a connection between the portions of the walls formed by the aforementioned forms.

1,575,960. XYLOPHONE. WILLIAM BARTHOLOMAE, Brooklyn, N. Y., assignor to Bar-Zim Toy Mfg. Co., Inc., New York, N. Y., a Corporation of New York. Filed Feb. 8, 1923. Serial No. 617,832. 7 Claims. (Cl. 84—403.)



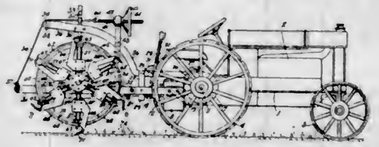
1. In a xylophone, a metallic side plate formed with a bent portion for presenting a string receiving and supporting groove.

1,575,961. MUSICAL TOY. WILLIAM BARTHOLOMAE, Brooklyn, N. Y., assignor to Bar-Zim Toy Mfg. Co., Inc., New York, N. Y., a Corporation of New York. Filed June 1, 1925. Serial No. 34,208. 4 Claims. (Cl. 84—402.)



3. A musical toy including a base-support formed with recesses; music-emitting elements arranged in the recesses, said elements being U-shaped in cross-section, forming lateral walls which are perforated; and a cord that is rove through the holes in the lateral walls of the elements and that secures the latter to the base-support and supports them in the recesses.

1,575,962. SPADING APPARATUS. AURELIO CRUS BELLO, Sagua la Grande, Cuba. Filed Feb. 24, 1925. Serial No. 11,266. 3 Claims. (Cl. 97—216.)



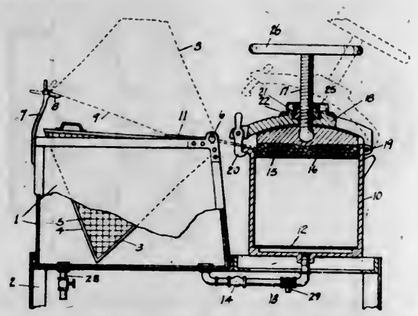
1. A spading apparatus, comprising a transverse shaft, wiper wheels fixed on said shaft one at the side of the other, a circular saw blade fixed at the periphery of each wheel, and grass cutting members slidably mounted respectively on the spokes of said wheels so that the cutting blades of these grass cutting members be out of the saw blade.

1,575,963. BRACKET. EDWARD H. BISPHAM, Maumee, Ohio. Filed Dec. 27, 1921. Serial No. 524,909. 4 Claims. (Cl. 45—97.)



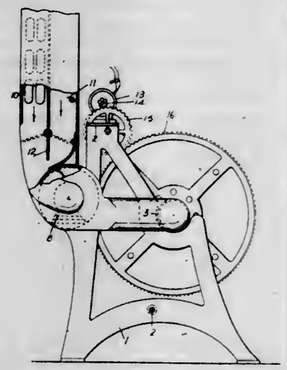
3. A first mirror member to be mounted provided with one pair of clips and a third clip, and a spring arm U-shaped second bracket member with which the pair of clips may be engaged for holding the first member fixed with the second member and with which the third clip may be engaged independently of the holding of the first pair of clips, said third clip engaging for swingably mounting the first member as to the second member, said first member being provided with a strut pivoted thereto for engaging the second member when mounted by the third clip for adjustably coacting with the second member to hold the first member against swinging.

1,575,964. STARCH EXTRACTOR. CHARLES L. BRALEY, Chicago, Ill., assignor of one-half to Charles F. Noftzger, Chicago, Ill., and one-half to The American Laundry Machinery Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Aug. 11, 1921, Serial No. 491,528. Renewed Jan. 21, 1926. 2 Claims. (Cl. 68—28.)



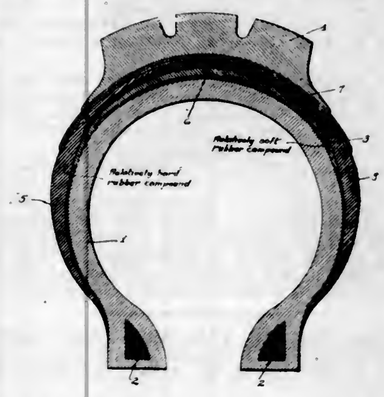
1. In an apparatus of the class described, the combination of a receptacle, a foraminated basket mounted in said receptacle to be lowered therein or raised therefrom for discharging the contents, an extractor cylinder disposed at the side of said receptacle whereby the articles may be discharged from the basket to said cylinder, a foraminated inner bottom in said extractor cylinder, a return pipe connecting said cylinder below its said inner bottom to said receptacle, said return pipe being provided with a check valve, a plunger for said cylinder adapted to force the extracted liquid from said cylinder to said receptacle, and means for actuating said plunger.

1,575,965. LAUNDRY DRIER. CHARLES L. BRALEY, Chicago, Ill., assignor of one-half to Charles F. Noftzger, Chicago, Ill., and one-half to The American Laundry Machinery Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Feb. 2, 1923. Serial No. 616,587. 2 Claims. (Cl. 34—5.)



1. In a laundry drier, the combination of a supporting frame provided with tubular bearings, a drying cylinder having tubular journals coacting with said tubular bearings, said journals opening within said drying cylinder, spaced foraminate partition walls in said cylinder, means for driving said cylinder, and a blower connected to deliver to one of said tubular bearings and a discharge conduit connected to the other.

1,575,966. PNEUMATIC TIRE. HAROLD A. BRITTAIN, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Aug. 5, 1921. Serial No. 490,056. 3 Claims. (Cl. 152—13.)

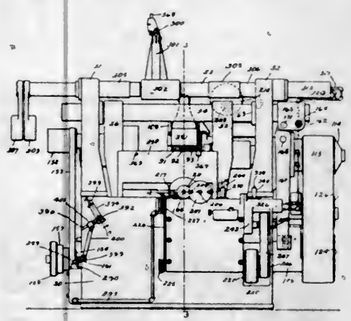


3. A pneumatic tire comprising a carcass, a rubber tread member vulcanized thereto, a relatively soft rubber covering upon the side walls of the carcass and relatively thick rubber pads of substantially crescent shape in cross section formed of a rubber compound of greater hardness than the remaining rubber composition of the tire vulcanized to the side walls thereof.

1,575,967. FLUID FOR INDUSTRIAL PURPOSES. EDWARD R. BRODTON, Philadelphia, Pa. Filed Feb. 20, 1925. Serial No. 10,690. 2 Claims. (Cl. 252—1.)

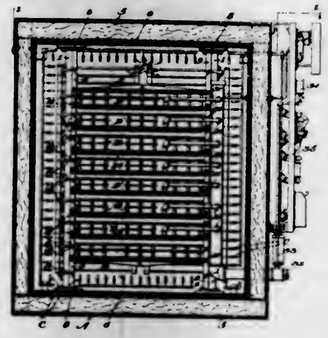
1. A fluid that consists substantially of methylene chloride, is non-inflammable, non-corrosive of brass, copper, aluminum and iron and has a boiling point below that of water and above 100° F.

1,575,968. GRINDING MACHINE. WILLIAM LE ROY BRYANT, Springfield, Vt. Filed July 20, 1921. Serial No. 486,080. 94 Claims. (Cl. 51—95.)



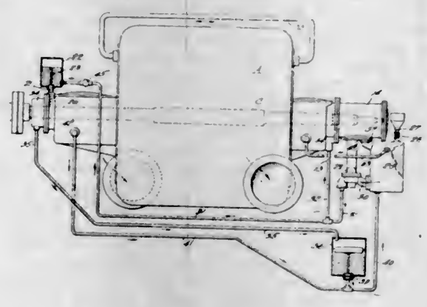
1. A grinding machine comprising a bed, a tool carriage thereon, a grinding wheel journaled on said carriage, a work carrier movable about an axis substantially parallel to the axis of the grinding wheel, and power-actuated mechanism for automatically swinging said work carrier about its axis to advance the work from a remote position to and against the grinding wheel and then to withdraw the work from said grinding wheel to such remote position.

1,575,969. APPARATUS FOR FABRICATING REENFORCED GLASS. WILLIAM C. BULL, Brooklyn, N. Y. Filed June 26, 1924. Serial No. 722,519. 24 Claims. (Cl. 18—17.)



8. In an apparatus of the class described, a casing, a multiple press device arranged within said casing and including a plurality of superposed press units, means for setting said units to the desired spacing, a flexible diaphragm carried by each unit, and means for simultaneously applying pressure to each diaphragm.

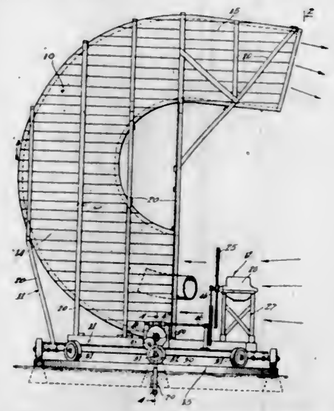
1,575,970. ROTARY PUMP AND THE LIKE. WILLIS H. CARRIER, Essex Fells, N. J., assignor to Carrier Engineering Corporation, Newark, N. J. Filed Sept. 2, 1922. Serial No. 586,000. 16 Claims. (Cl. 230—11.)



1. The combination with a fluid pump having a rotary shaft extending through an opening in the pump casing, of a valve and valve seat which cooperate to form a closure for said shaft opening when the pump is not running, said valve being held off of its seat when the pump is running, and mechanism which maintains a sealing liquid between said valve and valve seat and forms a liquid seal for said shaft opening when the pump is running.

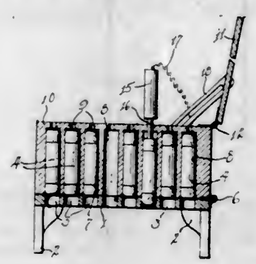
1,575,971. FROST PREVENTER FOR ORCHARDS. EDWARD S. COBB, Whittier, Calif., assignor to Cobb Temperature Regulator Company, Los Angeles, Calif., a Corporation of California. Filed Aug. 31, 1921. Serial No. 497,231. 5 Claims. (Cl. 47—2.)

1. Apparatus for protecting orchards and the like, comprising air circulating means movable to receive air from the atmosphere in different directions, and air delivery and directing means directing the outflowing air into the atmosphere in the direction opposite to the direction of its inflow.



3. Apparatus for protecting orchards and the like, comprising a semi-circular flue with its ends open to the atmosphere, supported with one end above the other and rotatable about a vertical axis, means to rotate the flue, and means to blow air through the flue.

1,575,972. DISPENSING DEVICE. BURT B. COCHRAN, Chicago, Ill., assignor to Goblin Mint Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 14, 1925. Serial No. 15,702. 2 Claims. (Cl. 211—8.)

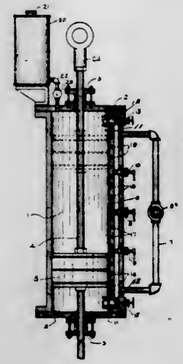


1. A device of the character described comprising a base member, a body member normally resting upon said base member and hingedly mounted thereto, compartments formed in said body member and open at that portion adjacent the base member, said base member having openings therethrough in registration with the mouths of the compartments in said body member, a replaceable fragile closure disposed between said body member and said base member, whereby articles of merchandise may be confined in said compartments and may be projected from said compartments when said closure is broken, and manually actuated means for projecting the articles of merchandise through said fragile closure.

1,575,973. SHOCK ABSORBER, DASHPOT, AND THE LIKE. WILLIAM R. COLEMAN, Birmingham, Ala. Filed Jan. 3, 1922, Serial No. 526,849. Renewed May 8, 1925. 19 Claims. (Cl. 188—88.)

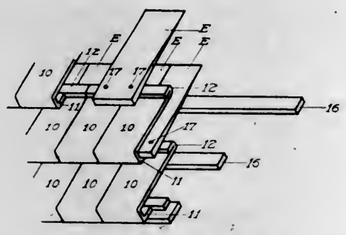
1. In a device of the character described, a cylinder having a series of ports lengthwise thereof and a by-pass

with which said ports communicate, a check valve controlling a port at one end of the cylinder, and a piston



movable in the cylinder and adapted to control its terminal movements by automatically varying the port area for the by-passing of fluid around it.

1,575,974. SHINGLE AND SHINGLE CONSTRUCTION. GEORGE E. CONWAY, Tenafly, N. J. Filed Apr. 28, 1924. Serial No. 709,339. 15 Claims. (Cl. 108—8.)

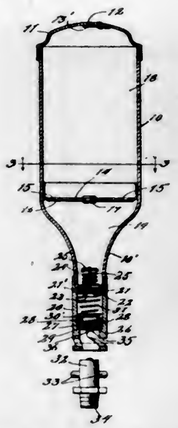


1. A shingle comprising a middle body portion, a hook portion at one end thereof adapted to engage anchoring means on the surface to be covered and a shouldered portion of substantial thickness for spacing and supporting other anchoring means on said surface.

1,575,975. PRODUCTION OF CEREAL SUGAR IN LOAF OR BLOCK FORM. RAYMOND E. DALY, Homewood, Ill., assignor to American Maize-Products Company, Roby, Ind., a Corporation of Maine. Filed Dec. 30, 1924. Serial No. 758,875. 3 Claims. (Cl. 127—30.)

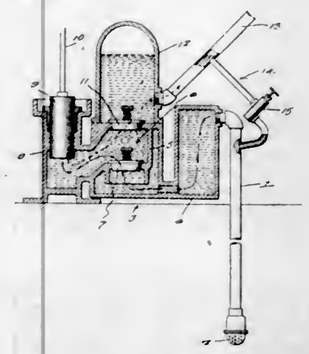
2. The method of converting granular dextrose sugar into loaf or block form which consists in taking the sugar from a centrifuge, the moisture of the sugar ranging from 12% to 14%, placing the granular sugar in a mold or form having a removable top and bottom, subjecting the sugar to pressure which is gradually increased up to an effective compressing point which may range from about 200 to about 2000 pounds depending on the desired hardness of the finished product, releasing the pressure, removing the bottom of the mold, using the press in which the sugar is pressed to force the slab of compressed sugar out of the mold, placing the slab of sugar in a drying chamber until the moisture is reduced to about 8% to 10%, and then cutting the slab of sugar into blocks of the requisite size.

1,575,976. LUBRICATING SYSTEM. ERNEST W. DAVIS, Oak Park, Ill., assignor to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed Jan. 14, 1924. Serial No. 686,061. 7 Claims. (Cl. 221—47.4.)



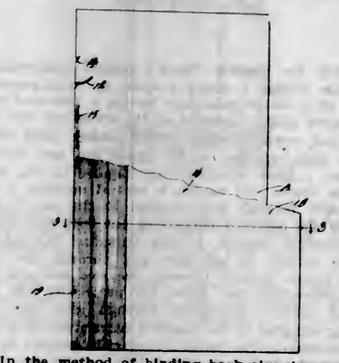
1. The combination with a fitting having a projection extending from one side thereof, of means for supplying lubricant to said fitting, comprising a barrel having a discharge opening at one end, a partition extending across said barrel adjacent said discharge opening, said partition forming a priming chamber adjacent said discharge opening and a reservoir remote therefrom, said partition having a valved opening permitting the passage of lubricant from said reservoir to said priming chamber, a sleeve secured to said barrel and communicating with said discharge opening, an outwardly opening spring pressed valve controlling the passage of lubricant from said discharge opening into said sleeve, a centrally apertured cup leather slidably mounted in said sleeve, and a spring for yieldingly urging said cup leather in an outward direction, the outer end of said sleeve being provided with an inclined cam slot for receiving the projection on said fitting, the inner end of said cam slot terminating adjacent the bottom of said cup leather.

1,575,977. PUMP STRUCTURE. RICHARD C. DAVIS and OLLIE ROBERT MITCHELL, Fort Edward, N. Y. Filed Dec. 9, 1924. Serial No. 754,802. 1 Claim. (Cl. 103—41.)



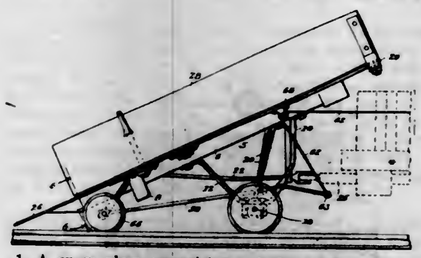
A pump structure of the class described comprising a suction pipe adapted to depend into a source of supply, a body divided into valve chambers and connected with the upper end of said suction pipe, said body including a cylinder, a plunger reciprocable in said cylinder for unseating said valves and transferring the fluid from one chamber to another, a fluid trapping reservoir, a discharge pipe connected with said reservoir, and a valved by-pass between said discharge pipe and suction pipe.

1,575,978. PROCESS OF BOOKBINDING. ARTHUR D. DAYTON, Los Angeles, Calif. Filed Nov. 19, 1924. Serial No. 750,941. 8 Claims. (Cl. 281—21.)



1. In the method of binding book signatures together consisting in aligning the book signatures to form a book unit cutting diagonally extending kerfs in the back of the book units and anchoring binding cords in the kerfs.

1,575,979. SNOWPLOW. JOHN EADY, Fife Lake, Mich. Filed Oct. 3, 1924. Serial No. 741,378. 2 Claims. (Cl. 37—33.)



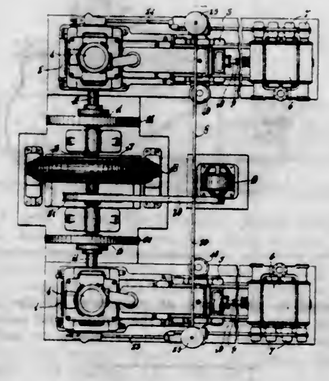
1. A snow plow comprising a body, a wheel mounted standard located under the rear portion of the body, a wheel mounted standard located under the forward portion of the body, the said body being disposed in an inclined position with relation to both standards, means for varying the angle of inclination of the body with relation to the standards, and a push-bar connected with the body at a point between the standards.

1,575,980. WIRELESS COMMUNICATION. WILLIAM SHAW FERDON, Omaha, Nebr. Filed Aug. 8, 1923. Serial No. 656,328. 7 Claims. (Cl. 250—17.)



1. A transmitting antenna comprising a vacuous enclosure and an insulated plate only disposed within said enclosure, said plate being adapted to be utilized for radiating high frequency currents.

1,575,981. POWER PLANT. ALEXANDER D. FERGUSON, Oak Park, Ill., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Feb. 8, 1922. Serial No. 534,898. 11 Claims. (Cl. 290—4.)



4. In a power plant, a plurality of steam driven compressors, and a dynamo intermediate said compressors, said compressors and dynamo having alined releasably connected shafts.

1,575,982. SECTIONAL BOAT. GEORGE L. FERRIS, deceased, late of Wellston, Ohio, by Otto E. Vollenweider administrator, McArthur, Ohio, assignor to The Wellston Metal Products Company, Wellston, Ohio. Filed May 10, 1924. Serial No. 712,367. 1 Claim. (Cl. 9—2.)

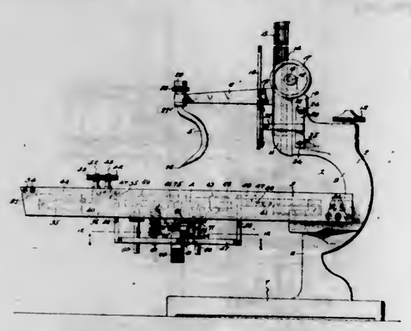


A boat comprising separate sections each capable of use as a boat, and means for fastening the sections together end to end to provide a single sectional boat, said means including apertured plates upon the meeting ends of the section, recessed ears upon one of the plates, a slotted yoke upon the other plate, a bolt adjustably connected to the yoke, an angular head upon the bolt insertable through both plates into engagement with the recessed ears, and means engaging the bolts for drawing the plates toward each other to clamp the sections together.

1,575,983. SURVEYING INSTRUMENT FOR MAPPING SOLID BODIES. GILBERT D. FISH, Washington, D. C., assignor to Frederick L. Stanton, New York, N. Y. Filed Nov. 20, 1920. Serial No. 425,526. 11 Claims. (Cl. 33—174.)

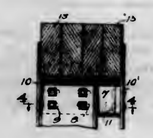
1. A surveying instrument provided with means for holding a model to be surveyed, means for shifting the model holding means in a plane in two different direc-

tions extending at an angle to each other, means for determining the exact amount of such moving in each direction, a pointer adapted to shift perpendicularly



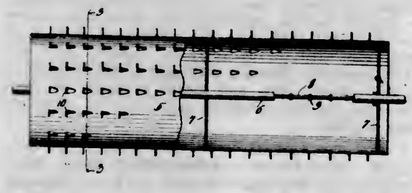
with regard to the plane of movement of the model, means for raising or lowering the pointer and means for exactly determining its elevation or change in elevation.

1,575,984. BULL WHEEL AND THE LIKE. THOMAS JOHN FLESHER, Parkersburg, W. Va., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va., a Corporation of West Virginia. Filed Jan. 30, 1925. Serial No. 5,821. 3 Claims. (Cl. 64—17.)



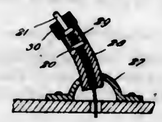
1. In a device of the character described, a hub, spokes secured to said hub, rim plates connected to said spokes and adapted to be adjusted laterally, a band of circumferentially extending wooden blocks arranged on said rim plates, and a pair of side plates secured to the side edges of said spokes and said rim plates respectively whereby adjustment of said rim plates will vary the distance between said side plates.

1,575,985. CLEANER DRUM FOR COTTON-GIN FEEDERS. GEORGE P. GALVIN and FRANK L. SWENEY, Dallas, Tex. Filed Apr. 15, 1925. Serial No. 23,357. 5 Claims. (Cl. 19—97.)



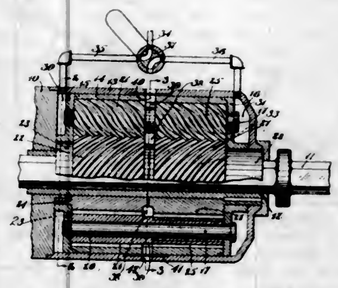
1. A cleaner drum for cotton gin feeders comprising a sheet metal cylinder having outwardly projecting radial spurs stamped therefrom and provided with means for mounting the same upon and in concentric relation to a driving shaft.

1,575,986. CIRCUIT CLOSER FOR BACK SIGNALS. BURTON L. GAMBLE, Jr., St. Petersburg, Fla. Filed Aug. 29, 1923. Serial No. 659,875. 1 Claim. (Cl. 200—59.)



A switch for electric "back" signals comprising a hollow base having a flange adapted for attachment to the floor of a vehicle said base having a threaded opening, a curved nipple threaded at its lower end into said opening and constituting a switch casing, said nipple having a bore enlarged at its upper end and forming a shoulder, a screw threaded cap disposed on the upper end of the nipple and having a central opening, a contact movable through said opening in the cap, a fixed contact in the enlarged portion of the bore and resting on the shoulder therein, a lead extending through the remaining portion of the bore and through the base, yieldable means engaged between the two contacts electrically connecting the same for projecting the first mentioned contact outwardly through said cap, said base being adapted to be mounted rearwardly of a gear shift lever whereby the movable contact is engaged by said lever when the latter is shifted into reverse gear position, and means to provide a ground connection for the gear shift lever.

1,575,987. ROTARY FLUID-PRESSURE MOTOR. GEORGE H. GILMAN, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Sept. 30, 1918. Serial No. 256,829. 13 Claims. (Cl. 121—7.)

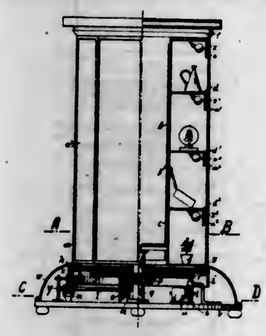


1. A fluid pressure motor comprising a compound gear reduction consisting of a plurality of cooperating elements having a different number of teeth, and means for supplying motive fluid to said elements in different ways to cause operation of said gear reduction in either direction.

1,575,988. ADVERTISING APPARATUS. CHRISTIAN GLEERUP-MÖLLER, Solyst, Horsens, Denmark. Filed Mar. 29, 1924. Serial No. 702,927. 5 Claims. (Cl. 211—20.)

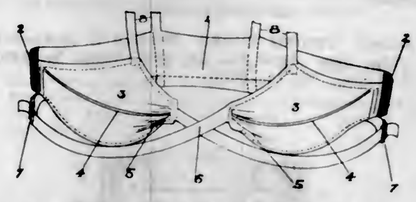
1. A rotary advertising apparatus comprising, in combination, a vertical drum divided into compartments, semi-transparent mirrors forming the peripheral walls of

said compartments and adapted to serve as mirrors showing the surroundings of the drum when the compartments are dark but displaying the inner of the com-



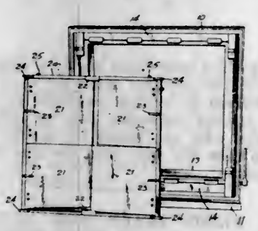
partments when the latter are illuminated; a source of light alternately illuminating and darking said compartments and means to rotate said drum.

1,575,989. BRASSIÈRE. GRACE VAN ALLEN HAVEN, Berkeley, Calif. Filed Dec. 16, 1924. Serial No. 756,802. 2 Claims. (Cl. 2—42.)



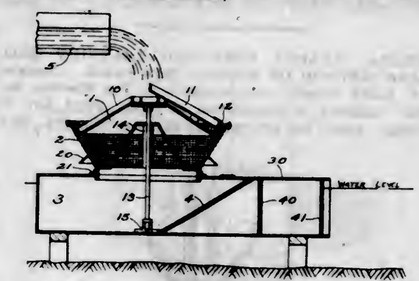
1. A brassière, comprising a horizontal back portion having a pair of buckles and a pair of elastic bands attached to its ends, a pair of cup-shaped front pieces attached to the elastic bands for supporting, enveloping and maintaining the natural shape of the busts of the wearer, and a pair of straps attached to the ends of the front pieces, which said straps are adapted to cross each other between the front pieces and engage with the buckles, whereby the said front pieces may be maintained in their proper positions on the wearer.

1,575,990. MULTIPLE ATTACHMENT FOR CAMERAS. HOWARD R. HAYS, Philadelphia, Pa., assignor to Howard S. Levy and Lionel Levy, Philadelphia, Pa. Filed Mar. 28, 1925. Serial No. 18,946. 2 Claims. (Cl. 95—36.)



1. A removable multiple attachment for the screen carrying box of a process camera, comprising a frame, four doors hinged to the upright sides of the frame, means carried by the frame and doors to limit movement of the latter to one face of the frame, and spring members disposed on two adjacent edges of the frame to yieldably hold the latter in position in the screen box.

1,575,991. SCREENING DEVICE. RICHARD D. HELLER, Boise, Idaho. Filed Apr. 25, 1925. Serial No. 25,905. 5 Claims. (Cl. 210—149.)



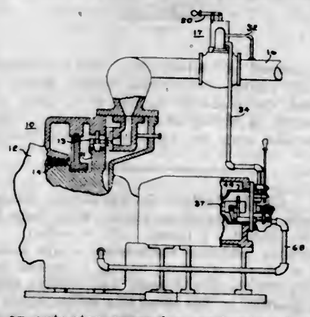
1. A seed screen for irrigation water comprising a conical deflector mounted to turn upon its axis and having blades upon its top curved to produce rotation of the deflector by the action of water pouring thereon, and a screen of circular outline surrounding and spaced slightly from the outer periphery of the deflector.

1,575,992. LOCKING LAMP. HARVEY HUBBELL, Bridgeport, Conn. Filed Mar. 26, 1925. Serial No. 18,443. 17 Claims. (Cl. 176—31.)



1. An electric lamp comprising a bulb and a filament, end and screw shell terminals, connections from said terminals to the filament, a support for the end terminal arranged to support the terminal in a position to be engaged by a contact in a lamp socket, and means for moving said terminal into the support where it cannot engage said contact, said means constructed and arranged to come into operation upon and by the removal of the lamp from the socket.

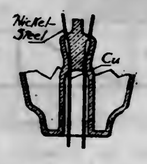
1,575,993. AUTOMATIC STOP FOR TURBINES. JOSIAH F. JOHNSON, Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 9, 1924. Serial No. 718,959. 5 Claims. (Cl. 137—158.)



1. In an auto-stop governing mechanism for a turbine having a casing, a rotor, a throttle valve and releasable means for closing said throttle valve, the combination of

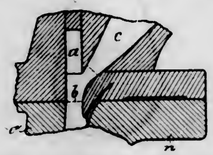
means responsive to axial movement of the rotor, and means responsive to a predetermined pressure in the turbine for releasing said releasable means.

1,575,994. LEAD-IN WIRE AND GAS-TIGHT SEAL AND METHOD OF MAKING THE SAME. CLEMENS A. LAISS, Toledo, Ohio, assignor to The Electron Relay Company, a Corporation of Ohio. Filed Nov. 9, 1923. Serial No. 673,781. 15 Claims. (Cl. 176—36.)



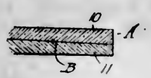
1. In a device of the type described, a lead-in wire comprising a metallic core, a sleeve of metal of a different co-efficient of expansion surrounding said core and an intervening layer of metal between said core and said sleeve having a different thermal conductivity than that of said sleeve the thickness of said intervening layer being such as to cause a bright, copper colored surface on said outer sleeve when sealed in glass.

1,575,995. CASTING MOLD. ADOLF LEINWEBER, Munich, Germany. Filed Aug. 9, 1924. Serial No. 731,228. 3 Claims. (Cl. 22—2.)



1. In a mold for casting printing plates for rotary printing presses, the combination with the ingate funnel in said mold, of a reciprocable pressure plate movable in a path in said mold adjacent to said funnel.

1,575,996. METHOD OF DETERMINING AND CORRECTING THE RULED PLANE OF A HALFTONE PROCESS SCREEN. HOWARD S. LEVY, Philadelphia, Pa. Filed Oct. 18, 1923. Serial No. 669,362. 3 Claims. (Cl. 95—81.)



1. The method of determining and correcting the plane of the ruling of a process screen, which consists in adjusting the plane of rulings to a point of focus and thereafter providing about the screen a supporting surface parallel with the adjusted plane of rulings.

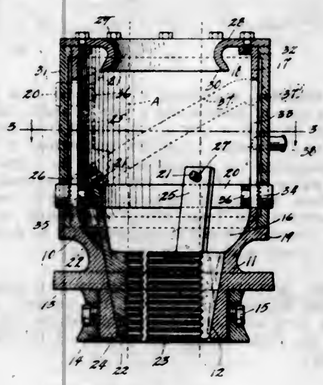
1,575,997. CHANGEABLE EXHIBITOR. CHARLES J. MCDONALD, San Francisco, Calif. Filed June 9, 1925. Serial No. 35,844. 1 Claim. (Cl. 40—64.)

A changeable exhibitor comprising, a sign holder consisting of a framed structure having a smooth backplate and retaining racks on the plate, and stencils adapted to be slid to position in the racks and substantially contact the smooth surface of the plate, the said surface having a color to contrast with the color of the stencils to effect the legibility of the stencils, and each of said racks having a glass in front of and substantially contacting the stencil therein, said stencils extending from the inside



of the frame at one side of the plate to the outside edge of the frame at the other side of the plate, and the plate provided with means to facilitate the removal of the stencils.

1,575,998. TUBING SPIDER. WILLIAM H. MCKISSICK, Tulsa, Okla. Filed Jan. 29, 1925. Serial No. 5,651. 8 Claims. (Cl. 14—263.)

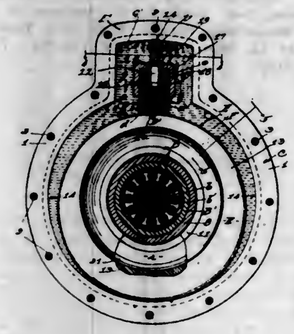


1. In a spider, a base collar having a conical bore, an enlarged cylindrical housing supported above the collar, a carrier mounted for vertical movement in the housing, a plurality of slips suspended from the carrier and engaging in the bore, and means for moving the carrier vertically to raise the slips from the bore of the collar into the housing.

1,575,999. FLUID BRAKE FOR AUTOMOBILES. LUTHER L. MACK, South Pasadena, Calif. Filed Dec. 15, 1923. Serial No. 680,883. 51 Claims. (Cl. 188—90.)

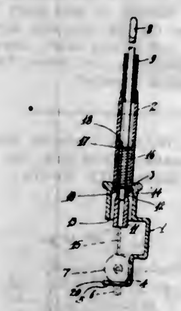
1. A fluid brake mechanism embodying a driven member, a relatively stationary member, one of said members being enclosed by the other, a fluid receiving space provided adjacent the periphery of the inner member having

a width of variable dimension at different points on the periphery of the driven member, and a manually operable member movable in a plane at right angles to said



variable dimensions for varying the area of a portion of said space corresponding to the successive positions of and during the rotation of the driven member.

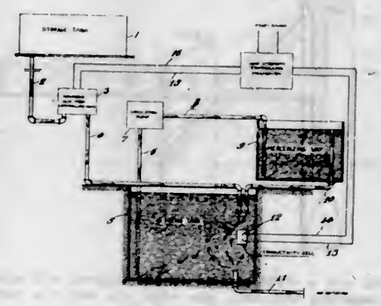
1,576,000. PET-COCK WRENCH. ROY CECIL MAJORS, Reno, Nev., assignor to Standard Oil Company, San Francisco, Calif., a Corporation of California. Filed July 20, 1925. Serial No. 44,817. 6 Claims. (Cl. 137—139.)



5. The combination with a case, having a petcock secured thereto, of a petcock wrench comprising a body adapted to be engaged with the said petcock, means rotatably mounted in the body and adapted to be engaged with the handle of the petcock to rotate the same to an open position, and means on the body adapted to engage the case so as to prevent the removal of the said wrench from the said petcock when the said petcock is open.

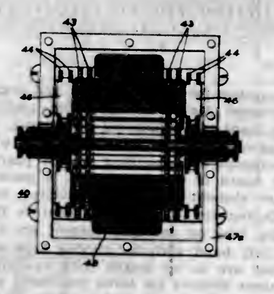
1,576,001. ACID-STRENGTH-MAINTAINING APPARATUS. FRANK H. OLDEN, Chester, Pa. Filed Aug. 1, 1924. Serial No. 729,441. 11 Claims. (Cl. 23—253.)

1. Acid strength controlling apparatus including a feed-controlling valve; an electric circuit whereby the valve may be actuated; a rock shaft; a disk of non-conducting material loosely mounted thereon; a plate of conducting material carried by the disk; a conducting member in the valve circuit, engaging the disk and normally out of contact with the plate, and a member fixed



to the rock shaft and adapted to impart movement to the disk to make or break contact between the conducting plate and the conducting member thereby closing or opening the valve circuit.

1,576,002. ELECTRIC MOTOR. GRANVILLE F. PACKARD, Wilkinsburg, Pa. Filed Mar. 13, 1923. Serial No. 624,739. 14 Claims. (Cl. 172—278.)



1. An electric motor comprising a primary member having a plurality of pairs of polar projections and a rotor comprising a disc having a plurality of separate members of magnetic material extending therethrough, the number of said last-named members being a multiple of the number of pairs of polar projections.

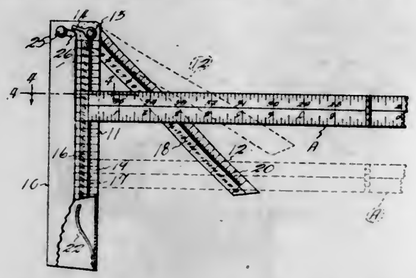
2. An electric motor comprising a primary member having a plurality of polar projections and a disc inductively related thereto, said disc having a plurality of perforations extending at an angle relatively to the corresponding polar projections.

11. A motive device having a primary member provided with longitudinally-extending polar projections and a secondary member comprising a plate member having openings through which said projections extend to provide shading coils for certain of said projections.

1,576,003. MEASURING DEVICE. JOHN W. REDDY, Bowie, Tex. Filed May 12, 1924. Serial No. 712,504. 3 Claims. (Cl. 33—97.)

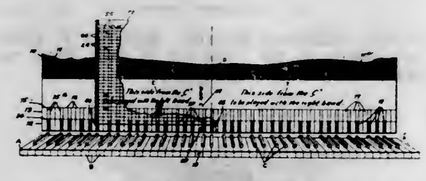
1. In a measuring instrument, a support having a transverse slot at one end and a scaled guide for engag-

ing the end of a separate rule when cooperating therewith, retaining means upon the support for engaging said rule when disposed in said slot at a right angle to the



guide, and a blade pivoted on the support and adapted to cooperate with said rule when the latter is used in connection with the scaled guide.

1,576,004. INDICATOR FOR PIANO OR ORGAN KEYBOARDS. EDWARD ROSENBERG, Brooklyn, N. Y. Filed Feb. 2, 1925. Serial No. 6,301. 6 Claims. (Cl. 84—478.)



2. In a system for playing pianos and organs, a guide surface element for being removably positioned above the finger board of the musical instrument, said surface element having white and black sections of widths and in related positions corresponding to the playing keys of the finger board of the instrument, a guide symbol on the surface element for being registered with a given central playing key of the instrument to indicate that the playing keys on one side thereof are to be played with the left hand and the playing keys on the other side thereof are to be played with the right hand, a separate sheet element for being removably positioned on the surface element and having white and black sections of widths and in related positions corresponding to a determined number of white and black sections of the surface element, a guide symbol on one of the sections of the sheet element for being registered with the guide symbol of the surface element to also register determined sections of the sheet element with determined sections of the surface element, consecutive indicating symbols on the sections of the sheet element representing the consecutive notes of a given composition of music corresponding to the respective keys of the instrument for playing the music, and said note symbols including associate symbols for indicating the counts of the note symbols.

1,576,005. DECOMPOSING FATS, OILS, AND WAXES. WALTHER SCHRAUTH, Rossiau, Germany. Filed Apr. 12, 1924. Serial No. 706,107. 6 Claims. (Cl. 87—4.)

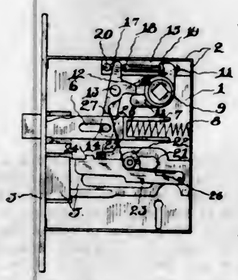
1. The process of decomposing fats, oils, or waxes by means of sulphoacids which consists in mixing a sulphoacid of aromatic hydrocarbons substituted in the nucleus by one hydrocarbon radicle with the fat to be decomposed and water and heating the mixture so long to the temperature at which the splitting of the fats into fatty acids and glycerine is effected, that the desired degree of splitting of the fat is obtained.

1,576,006. RETOUCHING MACHINE. RAYMOND B. SHOEMAKER, New York, N. Y., assignor to Photographers Retouching Service Inc., New York, N. Y. Filed May 14, 1924. Serial No. 713,174. 7 Claims. (Cl. 95—101.)



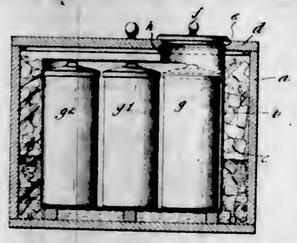
1. A retouching pencil comprising a tubular body having a cone seat in its rear end and a spherical seat in its front end, a shaft having a ball bearing in said spherical seat and a cone slidable on said shaft to coact with the rear seat, a rear driving extension having an elongated recess for the end of said shaft, means for adjusting said cone longitudinally and means for tilting said shaft when said cone is unseated.

1,576,007. LOCK. WILLIAM CHARLES SPRINGER, Belleville, Ontario, Canada. Filed Nov. 28, 1924. Serial No. 752,630. 7 Claims. (Cl. 70—75.)



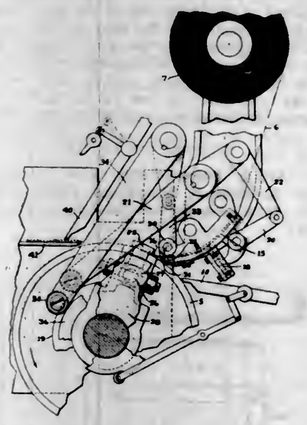
1. In a lock the combination of a casing; a latch bolt slidable in the lock casing; a spindle hub journalled in the lock casing, provided with latch lever actuating projections; a latch lever fulcrumed intermediate of its ends; a pivotal connection between one end of the lever and the latch bolt; a sliding link forming an operating connection between the opposite end of said lever and one of the hub projections; and an arm on said lever adapted for engagement by the other hub projection.

1,576,008. ICE-CREAM CABINET. ROSCOE R. STITT, Detroit, Mich. Filed Apr. 9, 1924. Serial No. 705,157. 1 Claim. (Cl. 62—87.)



In an ice cream cabinet for storing relatively large containers, the combination of an outer shell provided with an opening in the top having a diameter slightly greater than the diameter of the container to permit the same to just pass therethrough, an elongated inner shell provided with an opening at one end registering with the opening in the outer shell, the said inner shell arranged to hold several containers in a row, one of which may rest beneath the said opening to permit one to have access therewith but which prevents tampering with the remaining containers until the container at rest beneath the opening is removed from the cabinet, and means for providing a cooling medium for cooling the contents of the inner shell.

1,576,009. REENFORCEMENT-APPLYING MECHANISM. JAY G. SWAB, Brooklyn, N. Y., assignor to Henry Trenchard, jr., New York, N. Y. Filed May 5, 1923. Serial No. 636,808. 17 Claims. (Cl. 93—61.)



1. In apparatus for use in the manufacture of envelopes, in combination means for affixing reenforcement to the blank at a predetermined point on a seam forming area and means for folding the blank to form an envelope with the affixed reenforcement within the seam.

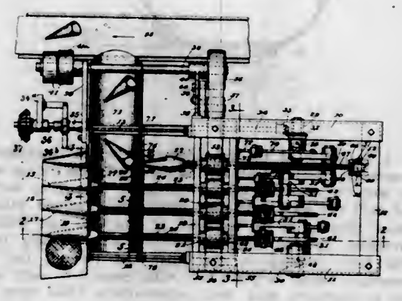
1,576,010. PACKAGE-DISPENSING CONTAINER. WILLIAM G. SWARTZ, Philadelphia, Pa. Filed Jan. 17, 1922. Serial No. 529,854. 2 Claims. (Cl. 211—9.)

2. A container having side, back and front members formed from a single strip of material and having parts of the front and side members cut away to form an open mouth at its lower forward end, the lower portion of said back being slit to form members to support articles and a curved tongue bent upwardly between said members to move said articles into said mouth, and a



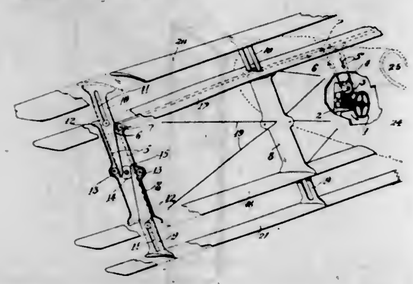
cover pivotally connected to said container to close the top thereof, said cover being arranged to swing outwardly from said container and extend therefrom to provide a supporting shelf; substantially as described.

1,576,011. ICE-CREAM-CONE-ROLLING MACHINE. HARRY G. TATOSIAN, Bridgeport, Conn., assignor to Ice Cream Cone Machinery, Inc., Bridgeport, Conn., a Corporation of Connecticut. Filed May 23, 1924. Serial No. 715,283. 14 Claims. (Cl. 107—58.)



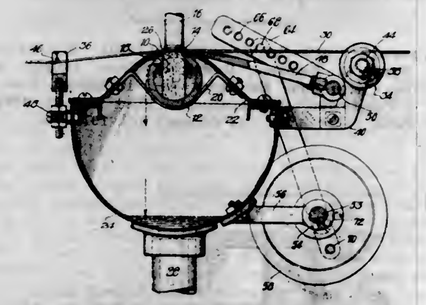
13. In a cone making machine, the combination of a plurality of spindles having conical mandrels, a plurality of conical molds, continuously rotating means for longitudinally shifting said mandrels into and out of engagement with said molds one after the other, a continuously driven belt beneath said spindles for rotating them individually and independently, and normally out of operative relation therewith, and means carried by said first rotating means adapted to intermittently press portions of said belt into respective operative relation with said spindles to rotate the same.

1,576,012. VARIABLE AREA WING STRUCTURE FOR AIRPLANES. BENJAMIN DOUGLAS THOMAS, Ithaca, N. Y., assignor of one-tenth to Thomas-Morse Aircraft Corporation, Ithaca, N. Y., a Corporation of New York. Filed Apr. 26, 1923. Serial No. 634,688. 7 Claims. (Cl. 244—12.)



1. In a variable area wing structure for airplanes, the combination with a fixed plane and hollow struts, of a movable plane, extension struts therefor telescoping into the hollow main struts, and pulleys within said hollow struts for guiding said extension struts.

1,576,013. YARN-DYEING DEVICE. GEORGE T. THOMAYER, Albany, N. Y., assignor, by mesne assignments, to Economy Dyeing Machine Corporation, Albany, N. Y., a Corporation of New York. Filed Feb. 2, 1925. Serial No. 6,253. 3 Claims. (Cl. 8—19.)

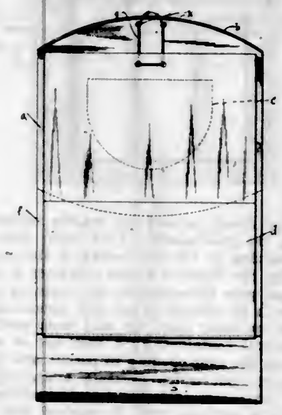


1. A device of the type described which comprises, a horizontal dyeing tank having an opening in its top wall, a wick in said opening extending to the upper surface of said top wall, said tank being also provided with an inlet opening in its top wall at one end, and with an overflow opening also in its top wall slightly below the inlet opening at the other end thereof, the said openings being so positioned with respect to each other as to maintain said tank substantially filled with dye liquor.

1,576,014. PROCESS OF MANUFACTURING BARBITURIC-ACID DERIVATIVES. LAMBERT THORP, Cincinnati, Ohio, assignor to The Lambert Thorp Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Mar. 20, 1925. Serial No. 17,112. 9 Claims. (Cl. 260—33.)

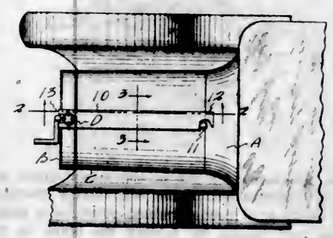
1. The process of manufacturing barbituric acid derivatives by condensing malonic esters with urea in absolute alcoholic solution by means of metallic sodium by distilling the alcohol out of the mass without preliminary refluxing.

1,576,015. DRESS HANGER. EMILY TRUMPLER, Brooklyn, N. Y. Filed Oct. 19, 1922. Serial No. 595,513. 1 Claim. (Cl. 223—61.)



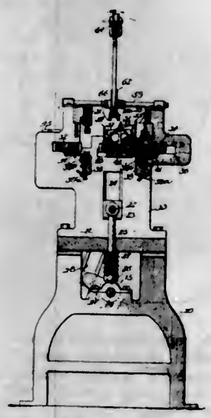
In a garment hanger, a body portion on which the garment is supported and comprising a substantially rectangular section having a curved upper edge, a rim conforming to and projecting laterally from said curved edge to provide a garment shoulder receiving member, a rectangular cover section of a size and shape approximating that of the body portion, and a flexible connector in loop form connected to the upper edge of the cover and passing loosely through openings in the body portion immediately below the rim, the connector being of a length to permit the cover to be arranged to cooperate with the face or overlie the back of the body portion, said loop serving to draw the cover more or less tightly against the body portion when the device is suspended by the loop.

1,576,016. SEAM PROTECTOR FOR AUTOMOBILE HOODS. SOLOMON H. WEINSTEIN, Dallas, Tex. Filed Apr. 11, 1924. Serial No. 705,735. 2 Claims. (Cl. 180—69.)



1. A protector for the hinge seam of a hood comprising an elongated flexible strip having furcations at its front end, inturned hooks fastened to the furcations of the strip and disposed to engage the front of a radiator casing, and an inturned hook fastened to the strip adjacent its rear edge to engage the inner edge of the inner edge of the hood and hold the strip in contact with the hinge seam.

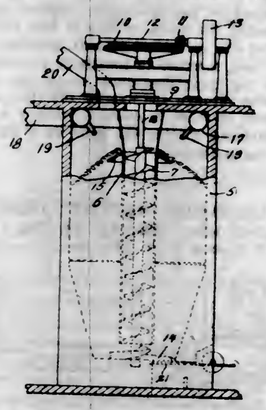
1,576,017. CANDY-MOLDING MACHINE. THEODORE WELSAND, Chicago, Ill., assignor to Vacuum Candy Machinery Co., Waukegan, Ill., a Corporation of Illinois. Filed Apr. 18, 1921, Serial No. 462,295. Renewed July 27, 1925. 40 Claims. (Cl. 107—4.)



7. In a candy molding machine the combination of candy molding devices, means for continuously feeding candy to said molding devices, said feeding means including an endless flexible element carrying means for grasping the candy at an end to introduce the same into said molding devices.

24. In a candy molding machine the combination of a plurality of alternately operable molding devices, a reciprocable element arranged between the molding devices, said reciprocable element being arranged to provide a rest for the candy prior to its introduction to the molding devices and having a face which cooperates to mold the candy into form having means for feeding said candy by gravity to said molding devices.

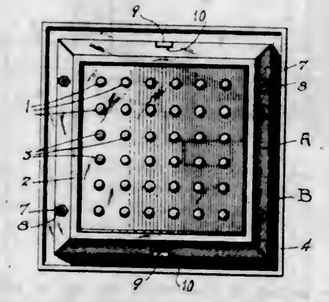
1,576,018. CONTROLLING BLEACHING OPERATIONS. ROBERT B. WOLF, New York, N. Y. Filed July 28, 1925. Serial No. 46,533. 29 Claims. (Cl. 8—2.)



4. The method of controlling the bleaching of paper pulp, which comprises causing the mixture of pulp and bleaching agent to pass in a relatively thin layer in contact with air substantially free from the gaseous decomposition products of the bleaching reaction directed thereon in streams.

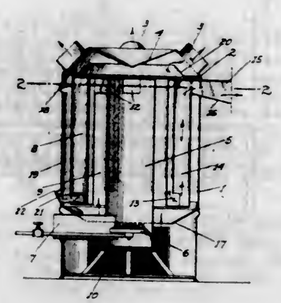
29. In an apparatus for bleaching paper pulp, the combination of a bleaching chamber, an elevator therein to lift the mixture of pulp and bleaching agent, an apron at the top of the elevator over which the pulp is discharged, a pipe in the bleaching chamber and nozzles connected thereto to direct streams of gas upon the pulp as it passes over the apron.

1,576,019. MOLDING APPARATUS. SAMUEL ZIMETBAUM, Newark, N. J. Filed July 18, 1924. Serial No. 726,741. 8 Claims. (Cl. 107—19.)



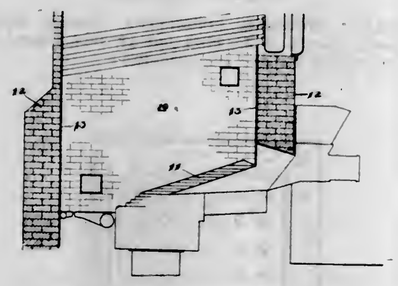
7. A molding apparatus comprising a flask-plate having a plurality of transverse openings therethrough, a rib on its top side around said openings, and a core plate having cores to enter said openings from the lower ends thereof, whereby the substance to be molded can be poured simultaneously into all of said openings around said cores.

1,576,020. HOT-AIR FURNACE. FRANK Z. AHL, Sacramento, Calif. Filed Oct. 29, 1924. Serial No. 746,550. 3 Claims. (Cl. 126—116.)



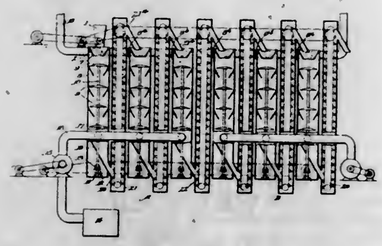
1. In a hot air furnace having a vertical shell, a drum therein spaced from the shell, air intake means below the drum whereby air may pass upwardly between the shell and drum, means for heating the drum, and a cap on the shell having openings in its sides; an air deflecting ring in the shell above the drum, said ring comprising a horizontal portion extending from the shell to a point inwardly of the outer periphery of the drum above but close to the latter, and a tapering portion extending upwardly and inwardly at an acute angle from the inner end of said horizontal portion.

1,576,021. REFRACTORY BRICK FOR FURNACE LININGS. OTTO ARAM, Philadelphia, Pa. Filed Sept. 14, 1922. Serial No. 588,242. 3 Claims. (Cl. 266—43.)



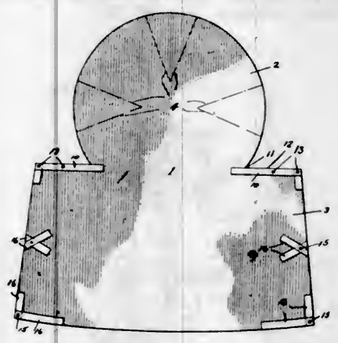
1. The method of lengthening the life of refractory linings of high temperature furnaces which comprises applying to exposed surfaces of the refractory lining a superficial coating consisting largely of metallic aluminum.

1,576,022. APPARATUS FOR TREATING ACID PHOSPHATE. ELI H. ARMSTRONG, Savannah, Ga. Original application filed Aug. 6, 1921, Serial No. 490,357. Divided and this application filed Dec. 2, 1922. Serial No. 604,465. 6 Claims. (Cl. 34—10.)



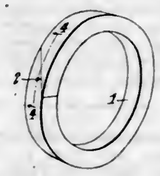
1. Apparatus for treating phosphates and the like, comprising a tower, including a casing, a series of cone-shaped mass-directing members in spaced relation within the casing, a rotatable support for spreading members mounted within the casing, a spreader member having a convex upper surface mounted on the support in proximity to certain of the cone-shaped mass-directing members, means for rotating the support operatively associated with certain of the members, and regulable means for directing a blast of heated air through the casing and against the materials passing therethrough.

1,576,023. WATERPROOF PROTECTOR. ELIGIO G. BARBERIS, Brooklyn, N. Y. Filed Mar. 7, 1923. Serial No. 623,323. 2 Claims. (Cl. 2—88.)



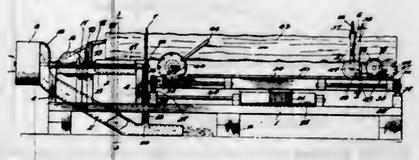
1. A waterproof cape comprising a sheet of waterproof material, one portion of which is substantially rectangular and the remaining portion substantially circular, said circular portion being provided with radial folds or pleats to form a hood.

1,576,024. METHOD OF MANUFACTURING CELLULAR CUSHION TIRES. ROBERT BARRANTES, Kenmore, and ROBERT J. BONSTEIN and MARK A. REPLOGLE, Akron, Ohio, assignors to Lambert Tire & Rubber Co., Barberton, Ohio, a Corporation of Arizona. Filed June 11, 1925. Serial No. 36,519. 5 Claims. (Cl. 18—59.)



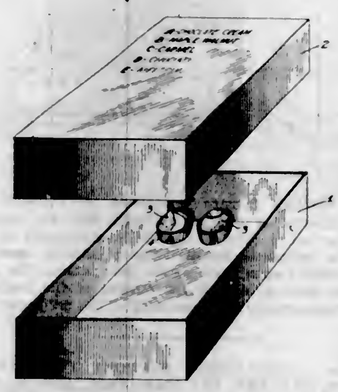
1. The method of manufacturing cushion tires which consists in tubing the stock, cutting it into strip lengths of the required size or cubical content, bevelling the ends and lapping them together to constitute an endless band, the splice or lap lying diagonally across the carcass in a plane passing through the axis of the tire, hammering the lapped ends together to cause a primary adhesion of the lapped surfaces, placing the band on a rim and vulcanizing the band thereon.

1,576,025. LOG-SAWING MACHINE. LOUIS B. BAUMHOVER, Carroll, Iowa. Filed Apr. 24, 1924. Serial No. 708,730. 3 Claims. (Cl. 143—54.)



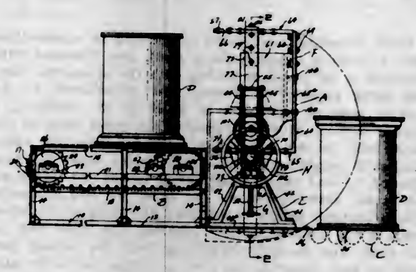
1. In a sawing apparatus, the combination of a main supporting frame, a saw mounted thereon, a trailer mounted for travel toward and from the plane of the saw, a standard rising from the rear side of the trailer, a clamping bar adjustably mounted upon the said standard, a clamping head carried by said bar and adapted to engage a log resting upon the trailer, means for locking said clamping bar to the trailer, and means for supporting the inner free end of the log and feeding the same across the plane of the saw.

1,576,026. BOX OF CONFECTIONS. MAHLON H. BEAKES, New York, N. Y. Filed May 12, 1924. Serial No. 712,501. 2 Claims. (Cl. 206—46.)



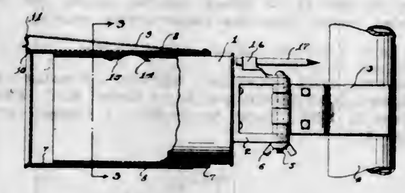
1. The combination with a box of a plurality of different candies contained within the box and packed in separate and distinct individual containers, said candies having fillings of different characteristics concealed in them, an identifying character on each container, and an index to the contents of the box comprising a list of said characters with which are associated the names of the corresponding kinds of candy.

1,576,027. PIPE-TURNING APPARATUS. JOHN BECKER, St. Marys, Pa. Filed June 6, 1925. Serial No. 35,401. 14 Claims. (Cl. 214—130.)



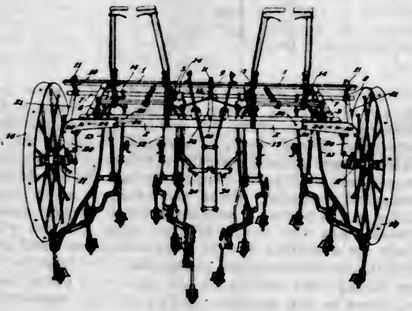
1. In a pipe turning device a supporting frame, a cradle including pipe supporting shelves and connecting means therebetween, said cradle being open at a side thereof between said shelves, means eccentrically and oscillatively supporting the cradle on the frame on a pivot axis closer to one of the shelves than the other shelf, and counter weight means connected with the cradle adjacent that shelf closest to the pivot axis of the cradle, for returning the cradle to a predetermined position.

1,576,028. MAP HOLDER. JOHN S. BOWEN, Baldwin Park, Calif. Filed Oct. 20, 1925. Serial No. 63,726. 3 Claims. (Cl. 40—68.)



1. In a device of the class described in combination, an inner cylinder, an outer cylinder, the outer cylinder adapted to rotate on the inner cylinder, a bracket attached to the inner cylinder at one end, a clamp cooperating with the said bracket, the said bracket and inner cylinder adapted to swing on the said clamp.

1,576,029. CULTIVATOR. WILLIAM L. BRALEY and HENRY N. FAAS, Springfield, Ohio, assignors to The American Seeding Machine Company, Springfield, Ohio, a Corporation of Ohio. Filed May 2, 1923. Serial No. 636,122. 4 Claims. (Cl. 97—154.)



1. In a cultivator, a main frame having a transversely-arranged forward rail, a draft bar, hangers mounted to move on said rail and supporting said draft bar, means for shifting said bar endwise, said shifting means including a brace pivotally connected to said frame at one end and having a pivotal connection with one of said hangers at the other end.

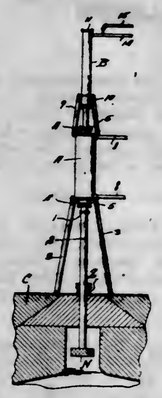
1,576,030. AUTOMATICALLY-THREADING SHUTTLE FOR LOOMS. NEM WILLIAM BRANNON, Greer, S. C., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Oct. 30, 1925. Serial No. 65,880. 7 Claims. (Cl. 139—220.)



1. An automatically threading loom shuttle having a threading block provided with an open top thread passage and a side delivery eye, a tension pad having a thread receiving opening with a flaring mouth, and a tension pad holder having a part enclosing one of the

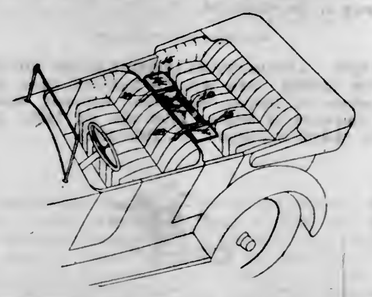
jaws of the flaring mouth of the tension pad formed of a pliable substantially inelastic metal that may be bent into different positions and retain its bent form to vary the size of the thread receiving opening and the tension exerted upon the thread during weaving.

1,576,031. OIL-SPRAYING DEVICE. WILLIAM B. BROWN, Nash County, near Rocky Mount, N. C. Filed June 2, 1925. Serial No. 34,387. 3 Claims. (Cl. 48—87.)



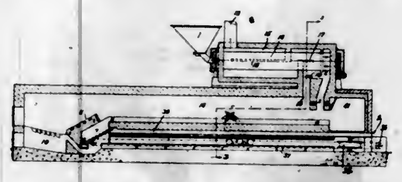
3. In combination with the carburetor of a water gas set, an oil spraying device comprising a tubular shaft slidably extending within the carburetor through a wall thereof and through which oil is adapted to flow, a pair of spaced aligned cylinders arranged exteriorly of the carburetor, said shaft being disposed through one of said cylinders and extending within the other, a piston head carried by the portion of said shaft within the first named cylinder, said first named cylinder being provided with means for admitting fluid to move said piston head and shaft in opposite directions, means adapted to close the oil flow through the shaft when the shaft and piston head are moved in one direction, and an oil pipe discharging within the second cylinder.

1,576,032. AUTO LUNCHEON KIT. ROBERT C. BROWNE, Alameda, Calif. Filed Apr. 29, 1925. Serial No. 26,660. 3 Claims. (Cl. 224—29.)



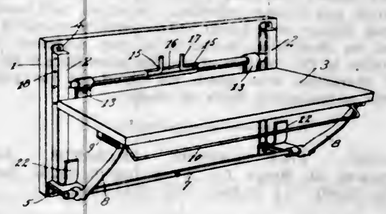
1. A device of the character described comprising a container, trays hinged thereto and capable of forming a closure therefor or being extended horizontally to serve as trays, brackets adapted to removably engage said trays, said brackets being adapted to removably engage the back of the front seat of an automobile to rigidly support the container and trays in a horizontal position in the tonneau of the automobile.

1,576,033. INDUSTRIAL FURNACE. HUDSON H. BUBAR, New York, N. Y. Filed Aug. 10, 1923. Serial No. 656,656. 17 Claims. (Cl. 263—23.)



1. A roasting furnace comprising an extended stationary hearth for treating material with the products of combustion, a rabbler movable longitudinally of said hearth, a pre-heater for discharging material upon one end of said hearth, and means for passing the gases from the material around the outside of the pre-heater without contact with the material in the pre-heater.

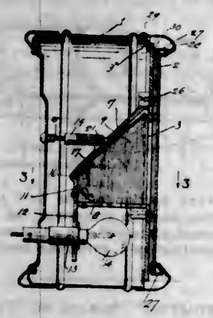
1,576,034. COLLAPSIBLE SUPPORT FOR TABLES, SEATS, SHELVES, AND THE LIKE. EDNA M. BUTT, Williamsport, Ind. Filed May 11, 1923. Serial No. 638,229. 1 Claim. (Cl. 45—51.)



Shelf adjusting mechanism comprising in combination with a backing member and a shelf, two channels with openings in the channels facing each the other, the channels being provided with means for attachment to the backing member, apertures in walls of the channels, a tubular member attached adjacent the inner edge of the shelf, said tubular member extending within the channels, said tubular member having spring tensioned rods adapted to seat in said apertures, means for adjusting said rods, arms hinged at the bases of said channels, with adjustable means of securing the ends of the arms opposite the hinged portions adjacent the outer edge of the shelf, and members extending from the bottom portions of said channels adapted to retain the inner edge of the shelf when said shelf is in folded-in position.

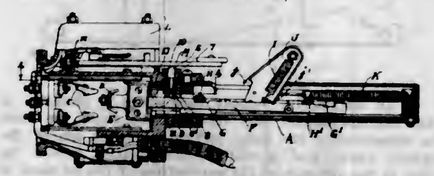
1,576,035. HEADLIGHT. ELLSWORTH E. CIPPERLY, Palo Alto, Calif. Filed June 29, 1925. Serial No. 40,322. 1 Claim. (Cl. 240—41.)

In a headlight, a vertical opaque front plate formed with a rectangular opening therein, a flat reflector mounted behind the plate on an incline so as to project light rays through the opening and a light mounted behind the front plate below the opening and positioned below the reflector to allow light rays emanating therefrom to strike the reflector with a plate interposed between



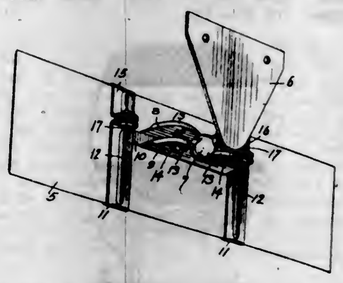
the light and the reflector abutting the front and perforated to allow light rays to pass therethrough from the light to the reflector within the area of the latter only.

1,576,036. SAFETY SWITCH MECHANISM. CHARLES B. COATES, Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Filed May 20, 1924. Serial No. 714,554. 17 Claims. (Cl. 200—5.)



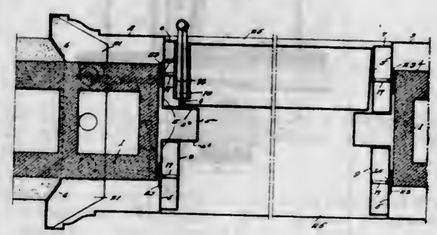
1. In combination, a main switch having a reciprocating member, a reversing switch associated with said main switch, and means controlled by said reciprocatory member for locking said reversing switch against movement while the main switch is "on."

1,576,037. MIRROR SUPPORT. GEORGE F. COLBERT and WILLIAM H. COLBERT, Pittsburgh, Pa. Filed Nov. 20, 1924. Serial No. 751,122. 3 Claims. (Cl. 45—97.)



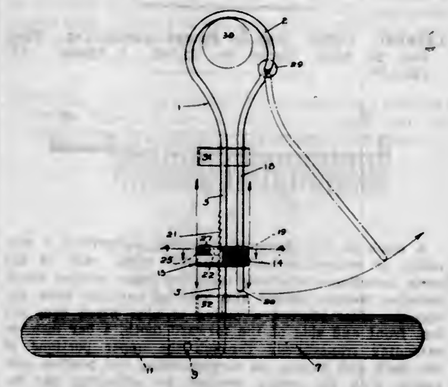
1. Bracket structure for mirrors and the like, comprising a substantially spherical support, a bracket member having a body portion from which hooks extend at right angles thereto and which is provided with integral outturned wing portions between the hooks, each of the wing portions being provided with a seating surface for engaging one portion of said spherical support, hook members for engaging the opposite edge of a mirror, means for securing said hook members to said body portion, and screws at opposite sides of said seating surfaces for drawing said wing portions into clamping engagement with the spherical support.

1,576,038. METAL DOOR JAMB. ANDREW J. CONNELL, New York, N. Y., assignor to Superior Steel Door and Trim Co., Inc., College Point, N. Y., a Corporation of New York. Filed July 21, 1921. Serial No. 486,383. 12 Claims. (Cl. 189—46.)



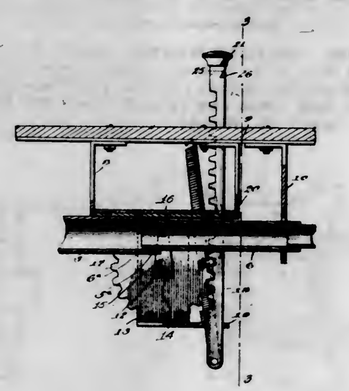
1. A door-jamb comprising a sheet-metal back having integrally formed a face portion and side molding portions so as to embrace the edge and sides of the door opening; a sheet-metal door-stop arranged on the said face portion and means for detachably connecting said door stop to said face portion.

1,576,039. ADJUSTABLE AND LOCKABLE GARMENT HANGER. EDITH A. DENNIS, San Francisco, Calif. Filed Sept. 20, 1924. Serial No. 738,747. 2 Claims. (Cl. 223—68.)



1. A garment hanger comprising in combination, resilient supporting members, of locking mechanism therefor, said supporting members carrying a rod engaging hook and garment clamping members, a hinged arm mounted upon said hook and extending in parallelism with said supporting members, and said locking mechanism adapted to include said resilient supporting members and hinged arm and contract said resilient members and clamp members tightly against the garment when moved toward said clamp members.

1,576,040. ENGINE EXHAUST. WELFORD CLARENCE DIAL, Pueblo, Colo. Filed Apr. 29, 1925. Serial No. 26,768. 10 Claims. (Cl. 251—123.)



2. In an engine exhaust, an exhaust conduit including a stationary section and a movable section, the movable section having an end designed to be fitted into one end of the stationary section.

10. In an engine exhaust, an exhaust conduit including a stationary section adapted to be connected with a muffler, a movable section having a flexible portion adapted to be connected with the engine, the movable section having an end designed to telescope in an end of the stationary section, the movable section being adapted to be shifted out of the stationary section and then laterally thereof, means for shifting the movable section and including a shaft having a crank arm connected with the movable section, and a guide co-acting with the movable section to constrain it to proper movement.

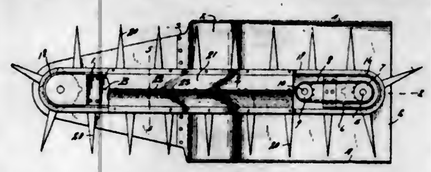
1,576,041. COMB. GUY DU PRIEST, Austin, Tex. Filed Feb. 28, 1925. Serial No. 12,385. 1 Claim. (Cl. 132—16.)



A comb of the character described comprising a plurality of removable and separable teeth, each of the teeth including a relatively large flat upper portion which includes thereon tongue and grooved portions upon the opposite sides thereof, a casing member fitted over the top, front and side of the forward tooth, a bar member extending transversely through the upper portions of the teeth and having its corresponding end portion connected with the casing member, an adjusting nut included upon the opposite end of the bar and resting against the corresponding side of the rear tooth, and a handle member received on the said end and bearing against the corresponding side of the adjusting nut.

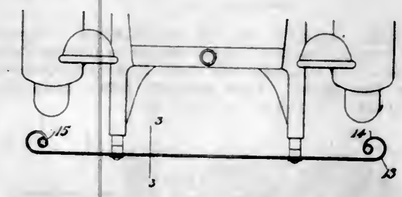
1,576,042. GATHERING APPARATUS. HENRY C. ESTEP, Indiana, Pa. Filed June 13, 1925. Serial No. 36,921. 7 Claims. (Cl. 198—11.)

1. A gathering apparatus of the class described comprising, in combination, a base plate, transversely disposed beams mounted upon the rear portion of said base plate, a supplemental plate mounted upon the beams, the forward portion of said supplemental plate being downwardly disposed and substantially merging



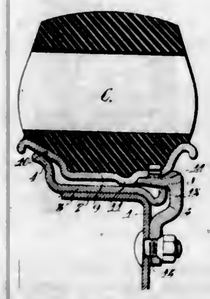
with the forward portion of the first named plate, an endless gathering medium traversing the forward portion of the first named plate and the supplemental plate, and means for operating said gathering medium.

1,576,043. BUMPER. ROLLIE B. FAGBOL, Oakland, Calif., assignor to American Chain Company, Inc., Bridgeport, Conn., a Corporation of New York. Filed May 31, 1923. Serial No. 642,377. 19 Claims. (Cl. 293—55.)



1. An automobile bumper comprising a plurality of flat resilient impact bars arranged one above the other in substantially the same vertical plane at spaced distances apart and extending substantially across the face of the automobile, the extremities of two or more of said bars being curled to form eyelets, vertical members extending through said eyelets and connecting the ends of said bars and resilient flat strip supporting members for connecting the impact bars to the automobile frame.

1,576,044. MEANS FOR ADAPTING WIDE-BASE CUSHION TIRES TO NARROW-BASE RIMS. WALLACE R. GILLAM, Tallmadge, Ohio, assignor to Lambert Tire & Rubber Co., Barberton, Ohio, a Corporation of Arizona. Filed Feb. 27, 1925. Serial No. 12,119. 3 Claims. (Cl. 301—13.)

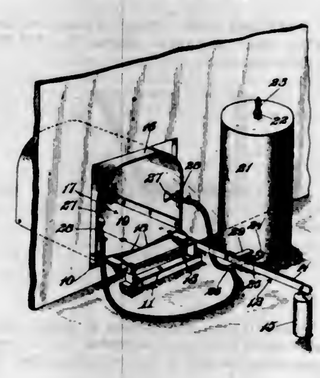


1. A means for adapting cushion tires to standard rims of the quick detachable type, which rims comprise a base with one side flange and a locking ring groove at the opposite side; said means comprising a special rim which is adapted permanently to carry a cushion tire, said special rim comprising a base and two side flanges, one of which is adapted to rest on the side flange of the standard base, securing wedge lugs fastened to said special rim and adapted to lie between the base of the special rim and over the locking-groove-edge of the standard rim, said wedge lugs each having a portion projecting radially, and fastening bolt and nut devices to hold said lugs in place, thereby to secure said rims together.

1,576,045. PAVING MATERIAL AND METHOD OF PREPARING SAME. FRED E. GREENE, Berkeley, Calif. Filed Sept. 21, 1921. Serial No. 502,239. 3 Claims. (Cl. 106—31.)

2. A method of forming paving material which consists in employing steam-refined asphalt heated to a temperature of from 250° to 300° F., adding thereto aggregate and limestone, the latter in excess of the asphaltic constituent, and agitating and cooking the mixture at a temperature of from 300° to 600° F.

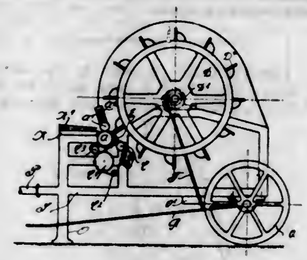
1,576,046. SPRAYING DEVICE. GEORGE AMBROSE GUTHRIE, Forgan, Okla., assignor of one-half to Miron E. Guthrie, Forgan, Okla. Filed May 14, 1925. Serial No. 30,290. 2 Claims. (Cl. 119—159.)



1. In a device for treating fowls by spraying, a tunnel structure, means for pivotally supporting the tunnel structure to receive fowls passing through such exit opening, the tunnel being normally horizontally disposed and tilting toward its outlet during each passage of a fowl therethrough, a tank for the storage of a spraying solution under pressure, a valved outlet for the tank, a nozzle connected with the outlet and arranged within the entrance end of the tunnel and directed toward the outlet end thereof and an operative connection between the tunnel and the valve of the storage tank opening the valve of the storage tank at each tilting of the tunnel, said tunnel having a smooth bottom surface.

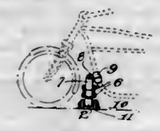
1,576,047. PULPING MACHINE FOR TREATING PLANTS YIELDING FIBROUS MATTER. ANDRÉ HAUSER, Mexico, Mexico. Filed June 27, 1924. Serial No. 722,868. 2 Claims. (Cl. 19—27.)

1. In a pulping machine for separating the pulp from the fibrous matter of plants and in combination, a framing supporting a feed device, a scraping device, and a device for ejecting the separated pulp and fibres each in a different direction, two hinged feet and a wheel provided at the fore end of said framing and two steady



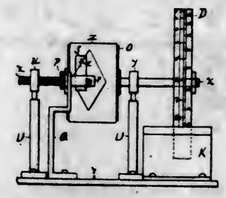
feet and two hand bars at the rear end of said framing, all substantially as shown and described and for the purpose set forth.

1,576,048. DISPLAY STAND FOR SUPPORTING TWO-WHEELED VEHICLES. EARL EDWARD HOFFMAN, Springfield, Mass., assignor to Indian Motorcycle Company, Springfield, Mass., a Corporation of Massachusetts. Filed Feb. 4, 1924. Serial No. 690,522. 7 Claims. (Cl. 208—91.)



1. A display stand for two-wheeled vehicles comprising supporting means, means for securing said supporting means to the frame of the vehicle with said supporting means extending laterally of the vehicle and supported on the floor at each side of the vehicle, said supporting means being constructed and arranged to resiliently support said vehicle in upright position.

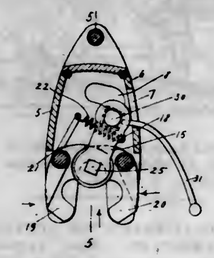
1,576,049. APPARATUS FOR TRANSMITTING COPIES. GEORGE LEWIS HOGAN, Chicago, Ill. Filed Apr. 18, 1923. Serial No. 633,026. 10 Claims. (Cl. 178—5.)



7. An apparatus for the transmission of copies by sound reproduction or signals consisting of a sending device and a receiving device each having a rotary holder for holding respectively a picture or sketch and a sheet upon which such copy is to be reproduced and each capable of a predetermined movement in a transverse direction to its rotary movement and each in operative relation with a respective tracing and recording stylus and a respective equal or proportionately graduated index dial having respective indicators, such tracing stylus being of a transparent material in close proximity to such sending holder and means on such tracing stylus for defining a point to operate in such manner

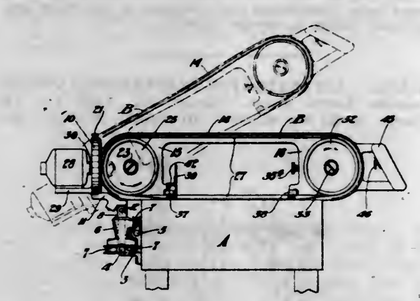
that the position of such point may be registered in terms of such graduated dial and reproduced on such receiving device by adjustment of its graduated dial to corresponding indices and means for recording such point by auch recording stylus.

1,576,050. CONNECTER. ROBERT E. JELLISON, New Auburn, Minn. Filed June 4, 1924, Serial No. 717,911. Renewed July 1, 1925. 5 Claims. (Cl. 294—83.)



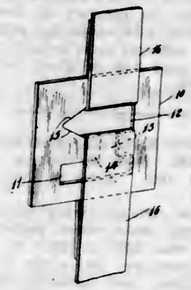
1. A connector comprising a housing, swinging jaws in and connected to said housing, swinging means in the housing and connected to the jaws and movable endwise coincident to the opening and closing of the jaws, a retractile spring interposed between and connected to said swinging means and one of the jaws, and co-operating means carried by the housing and swinging means for yieldingly retaining the jaws in open positions when the said spring is tensioned.

1,576,051. POWER SAW. CHARLES H. JULL, Ben Avon, Pa., assignor to Pittsburgh-Erie Saw Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Oct. 30, 1924. Serial No. 746,909. 9 Claims. (Cl. 143—24.)



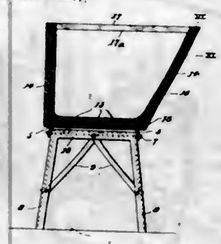
1. A power meat saw comprising in combination a track, a wheeled carrier mounted on said track and adapted to move longitudinally thereof, a supporting member pivotally mounted on said carrier for horizontal swinging movement, a housing pivotally mounted on said supporting member for vertical swinging movement, and a saw support revolubly mounted in said housing and adapted to be turned to various angular positions, said saw support comprising an elongated frame member having a mounting disk on its rear end and mounted in said housing, a pair of band wheels journaled adjacent the opposite ends of said frame, a band saw trained around said band wheels, a motor secured to the rear face of said mounting disk, and suitable drive connections between said motor and at least one of said band wheels.

1,576,052. TIE BUCKLE. JOHN WM. KAYE, Luling, Tex. Filed Apr. 2, 1925. Serial No. 20,109. 1 Claim. (Cl. 24—23.)



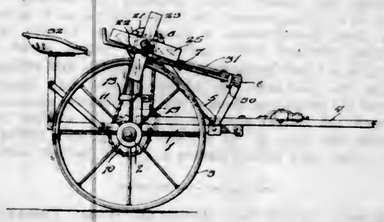
A buckle of the class described comprising a single blank of metal continuous at its edge, said blank being flat and having parallel elongated slots the same length and a relatively narrow slot connecting them, said slots providing parallel lugs, one of said longitudinal slots being rectangular and relatively narrow to afford maximum width for the lugs, and the wider longitudinal slot having one end tapered from both side walls thereof, and said wider longitudinal slot being otherwise rectangular.

1,576,053. LAUNDRY TUB. FELIX KNOBLOCH, Detroit, Mich. Filed Aug. 29, 1924. Serial No. 734,913. 3 Claims. (Cl. 68—31.)



1. In a laundry tub, a tub formed of plastic material having longitudinal base bars embedded in the tub and partially projecting therefrom for mounting upon a support.

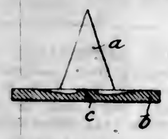
1,576,054. MACHINE FOR WINDING OR UNWINDING BARBED WIRE. HENRY E. LARSON, Boyd, Minn. Filed June 8, 1925. Serial No. 35,723. 1 Claim. (Cl. 242—92.)



Apparatus for the purpose set forth comprising a main frame, draft devices attached thereto, a supplemental frame secured upon the main frame and rising rearwardly therefrom, a shaft mounted in the upper rear end of the supplemental frame and extending across the main frame

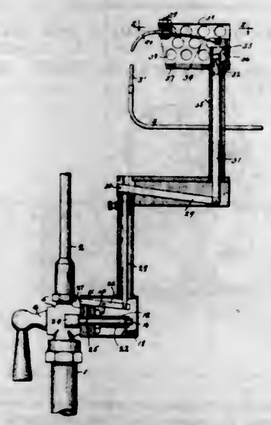
and laterally beyond one end of the main frame, means whereby travel of the main frame will effect rotation of the shaft, a clutch device mounted on and firmly held to the shaft, a reel mounted on the extending end of the shaft and detachably engaged at its inner end with the clutch device, means mounted on the shaft and acting upon the outer end of the reel to yieldably maintain engagement of the reel with the clutch device, a guide bar mounted slidably on the supplemental frame in front of and parallel with the shaft and extending laterally to a point in front of the reel and constructed at its outer end to receive and guide a reel, and a lever pivoted between its ends upon the main frame and having a sliding pivotal connection at its front end with the guide bar.

1,576,055. MANUFACTURE OF DRAWING TACKS. GEORGES LEIGHTON, Paris, France. Filed Mar. 4, 1922. Serial No. 541,078. 4 Claims. (Cl. 10—27.)



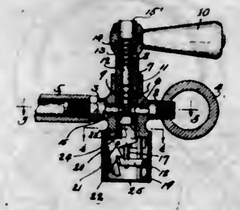
1. In a process for the manufacture of drawing tacks, consisting in cutting out a point from a sheet metal band, in raising this point at right angles, in stamping the edges of the opening so as to cause them to approach each other, in shaping the point and in cuttting the circular head of the tack so as to separate the same from the band, the step of causing the edges of the aperture to approach each other close to the base of the point and of shaping the point so that its base will extend over and bear upon the edges of the aperture which have been brought close to each other.

1,576,056. FLUID-CONTROL APPARATUS. RUDOLF LIEFKE, New York, N. Y., assignor to R. Liefke & Company, a Copartnership consisting of Rudolf Liefke, Robert Adelmann, and Robert E. Leyendecker, all of New York, N. Y. Filed Dec. 11, 1924. Serial No. 755,206. 12 Claims. (67—116.)



1. In a gas controlling device the combination of a valve for controlling the supply of gas, a spring for closing said valve, a weight for resisting said spring throughout the normal operation of the device, and a heat controlled element for releasing said weight to cause the valve to close under conditions other than normal.

1,576,057. FLUID-CONTROL APPARATUS. RUDOLF LIEFKE, New York, N. Y., assignor to R. Liefke & Company, a Copartnership consisting of Rudolf Liefke, Robert Adelmann, and Robert E. Leyendecker, all of New York, N. Y. Filed June 10, 1925. Serial No. 36,093. 5 Claims. (Cl. 277—25.)



1. A device of the class described comprising a rotary valve provided with a port, a valve plug extending through said valve and controlling said port, a latch engageable with said plug for holding said plug in open position when the valve is in open position, and a cam operable by said valve for releasing said latch when the valve is moved toward closed position.

1,576,058. DIRECTION INDICATOR. JAMES M. MELLIS, Victoria, British Columbia, and William H. L. Mellis, Peterboro, Ontario, Canada. Filed Nov. 4, 1924. Serial No. 747,881. 1 Claim. (Cl. 116—51.)



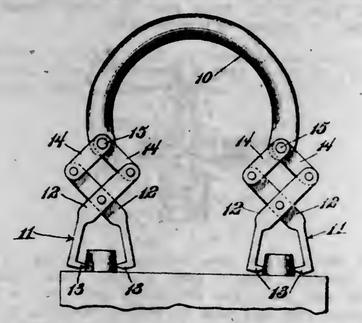
A direction indicator of the class described, comprising a bracket having parallel arms with horizontal bearing apertures at one end, and a clamping device at the other end for securing the bracket to a windshield, a semaphore carrying shaft journalled in said apertures with the semaphore located between the arms, one of said arms having a chamber with a cap plate, a sheave in said chamber on said shaft, and means passing through said chamber and associated with said sheave and to operate with said semaphore.

1,576,059. TIE-LOCK SEAL. ADOLPH MORITZ, Atlanta, Ga. Filed May 19, 1925. Serial No. 31,255. 2 Claims. (Cl. 292—315.)



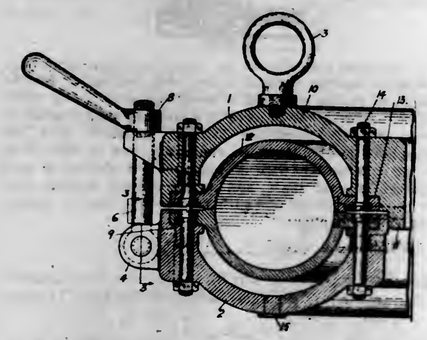
1. A sealing band having a diagonal slot near one end, the other end being adapted for passage thru said slot and to be bent around the first-mentioned end, and locking means located near said ends to hold the ends in locked relation when the said other end is passed thru said slot and bent around the first-mentioned end.

1,576,060. STORAGE-BATTERY CARRIER AND GROUP PULLER. CLARENCE E. MOSS, Ponca City, Okla. Filed Sept. 1, 1925. Serial No. 53,940. 3 Claims. (Cl. 244—119.)



1. In a battery carrier and group puller, a flexible insulating handle and coacting gripping elements carried by each end of the handle for engagement with the terminals of a battery or cell.

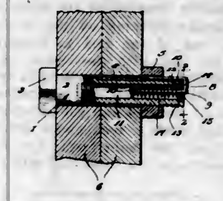
1,576,061. APPARATUS FOR CURING PNEUMATIC TUBES. MAX H. PADE, Akron, Ohio, assignor to The Firestone Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 19, 1923. Serial No. 675,436. 3 Claims. (Cl. 18—38.)



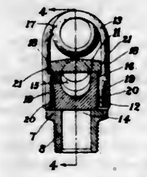
1. In an apparatus for curing circular rubber tubes, an upper and a lower mold section, each section being provided with an outer wall of lower conductivity and an inner wall of higher conductivity to form a continuous chamber therearound, and having means by which a heating fluid such as steam may be admitted.

1,576,062. NUT LOCK. JOSEPH C. PASSMORE, Coshocton, Ohio. Filed Oct. 21, 1925. Serial No. 64,026. 1 Claim. (Cl. 151—8.)

A nut lock comprising a threaded bolt having a longitudinally extending groove intersecting its threads and an axially extending pocket opening through its end, the outer end portion of the walls of said pocket being reduced in thickness to form an internal annular shoulder and lip extension, a disc seated against said shoulder and formed with an opening, the lip extension of said bolt being turned inwardly to overlie said disc and engage the outer face thereof about the opening, a U-shaped fastener having one arm extending into said pocket through the opening of said disc and its other arm adapted to be slid into and out of the groove of said bolt, an abutment adjacent the free end of the inner arm of said fastener, a spring coiled about said inner arm between said abutment and disc to yieldably resist outward movement of the fastener to an inoperative position, and a nut screwed upon said bolt and having its threaded bore formed with grooves to be selectively moved into registry with the groove of said bolt and receive a portion of the outer arm of the fastener to lock the nut against turning.

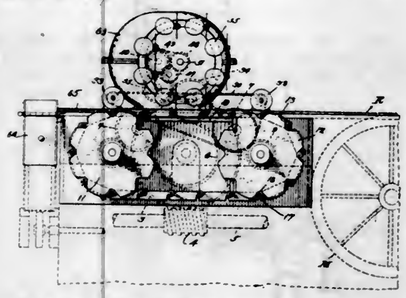


1,576,063. FLUID-REGULATING VALVE. ERNEST PENBERTHY, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Filed Jan. 28, 1924. Serial No. 689,083. 6 Claims. (Cl. 251—153.)



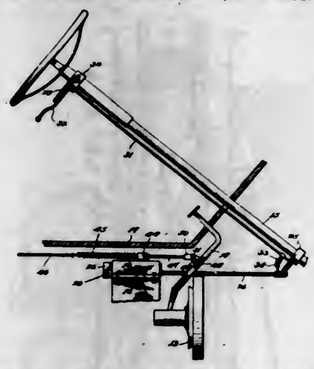
1. A fluid regulating valve comprising a casing having a bore therethrough and ports opening into said bore, a valve within said bore arranged to control said ports, an operating handle loosely engaging the ends of said valve and making frictional contact with said casing to hold the valve in adjusted position, and means on said handle projecting within the bore of said casing for maintaining said handle against accidental removal.

1,576,064. CUT-OFF ATTACHMENT FOR CIGARETTE MACHINES. GUSTAVE A. PEPLE, Jr., Lynchburg, Va. Filed Aug. 28, 1924. Serial No. 734,708. 9 Claims. (Cl. 131—37.)



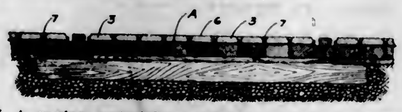
1. In a cut-off for cigarette machines, a continuously moving conveyor for supporting a cigarette rod, a rotatable series of cutters, means for maintaining the cutters perpendicularly to the cigarette rod, means for rotating the series of cutters about a common axis to bring them successively into engagement with the supported rod, and means operated by the rotation of the cutters about said axis to revolve the cutters about individual axes.

1,576,065. GEAR-SHIFTING MECHANISM. GLENN T. RANDOL, Marmaduke, Ark., assignor of one-half to Sol S. Steinberg, Paragould, Ark. Filed Oct. 25, 1922. Serial No. 596,838. 46 Claims. (Cl. 74—58.)



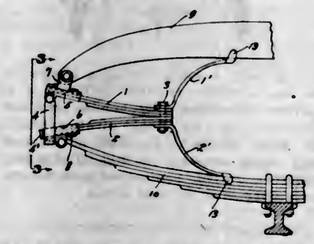
1. A gear shifting mechanism including selecting means, gear shifting means movable by said selecting means, yieldable coupling means for detachably connecting said shifting means with said selecting means for movement thereby, the selecting means being rotatable, and means for rotatably setting said selecting means to coact with said coupling means whereby to select a gear to be shifted.

1,576,066. PAVEMENT CONSTRUCTION. BERNARD RANSOME, Diablo, Calif. Filed Feb. 26, 1925. Serial No. 11,655. 7 Claims. (Cl. 94—4.)



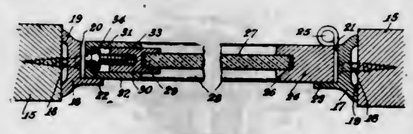
7. A paving material comprising a plank, a channel-shaped section of sheet metal secured to the upper surface of the plank and extending from end to end thereof, an expanded bottom section in the channel, and a semi-resilient filing material in the channel and keyed to the plank by the expanded bottom section of the channel.

1,576,067. AUXILIARY ROAD SPRING. CHARLES ALPHAUS RASCO, Samoa, Calif. Filed Jan. 5, 1925. Serial No. 611. 4 Claims. (Cl. 267—46.)



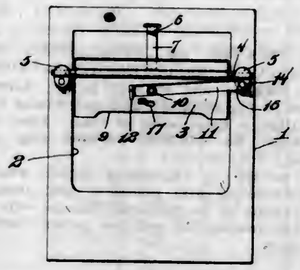
1. An auxiliary spring for the spring suspension of a vehicle comprising two sets of spring leaves secured together at one end and diverging at their free ends, the free ends being adapted for pivotally securing to opposed members of the existing spring suspension, a yoke over the free end adapted to limit the divergence but permitting approach thereof, the said yoke being pivoted to one set of spring leaves, the other set of spring leaves having eared means for holding said springs in operative relation to the yoke.

1,576,068. ADJUSTABLE DOOR. BENJAMIN M. BEZNIK, Newark, N. J., assignor of one-half to David Tunick, Newark, N. J. Filed Apr. 25, 1925. Serial No. 25,726. 2 Claims. (Cl. 20—35.)



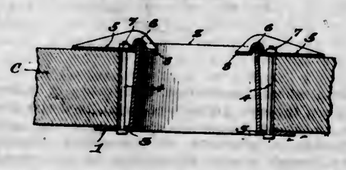
1. A door comprising one or more panels, a frame in which said panels are rigidly set, a channelled stile along one face of said frame to receive a portion of said frame, said stile being of corresponding width and outward appearance as the opposite side portion of said frame, and means affording relative adjustment between said stile and the frame portion seated therein.

1,576,069. TRAP NEST. JOHN M. SARGEANT, Elmira, N. Y. Filed Jan. 22, 1925. Serial No. 4,068. 5 Claims. (Cl. 119—49.)



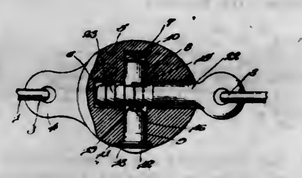
1. In combination with a wall provided with an opening, a door for said opening, means for supporting said door for swinging movement in a vertical direction, an outstanding part carried by the wall at one side of the opening, and a bar pivotally connected with the door, an end portion of the bar contacting with the outstanding part to hold the door in a raised position, said bar being maintained in contact with said part by the weight of the door and bar.

1,576,070. CHIMNEY THIMBLE. WALTER T. SCOTT, Sioux Falls, S. Dak. Filed Apr. 20, 1925. Serial No. 24,504. 7 Claims. (Cl. 126—314.)



1. In combination with a thimble having a face plate formed to engage the front face of a chimney wall and having its rear end projecting beyond the rear face of the chimney, jaws having free outer ends formed to seat on the rear face of the chimney wall and having inner ends with U-shaped bends therein receiving and seated on the said rear end of the thimble, and bolts extended through the face plate and through the jaws and disposed exteriorly of the thimble, the inner ends of the jaws being extended to project into and register with the interior of the thimble to form stops to engage the stove pipe to prevent the latter from entering the chimney flue.

1,576,071. LOCK. JOSEPH SETTEMBRINO, Chicago, Ill. Filed July 14, 1924. Serial No. 725,946. 3 Claims. (Cl. 70—17.)



1. A lock of the character described, including a body having a longitudinal and transverse bore extending into the body with their inner ends crossing each other, a connecting bolt having annular shoulders upon its outer end and adapted to be inserted into the longitudinal bore and extended across the transverse bore, a spring pressed locking tumbler having a ribbed face to cooperate with the shoulders on the bolt for retaining the bolt in a locked position, and a key operated tumbler within the transverse bore cooperating with the first tumbler to release said bolt.

1,576,072. PROCESS OF VULCANIZING RUBBER AND COMPOUND RESULTING THEREFROM. NORMAN A. SHEPARD and STANLEY KRALL, Akron, Ohio, assignors to The Firestone Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed June 20, 1923, Serial No. 646,702. Renewed Aug. 4, 1925. 6 Claims. (Cl. 18—53.)

1. The process of vulcanizing rubber which comprises incorporating with rubber a small amount of a reaction product of an aldehyde-ammonia with a mustard oil, and heating the resultant product with a vulcanizing agent.

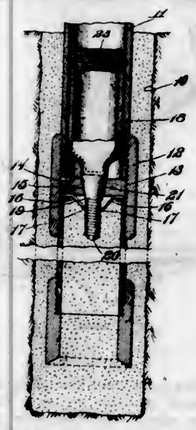
1,576,073. WHEEL CONSTRUCTION. JOSEPH G. SWAIN, Akron, Ohio, assignor to The Firestone Steel Products Company, Akron, Ohio, a Corporation of Ohio. Filed Apr. 6, 1922. Serial No. 550,006. 4 Claims. (Cl. 301—67.)



2. In a wheel construction, a plurality of spokes radiating from the hub, an endless metal fixed rim about the spokes, inturned flanges about the fixed rim, said fixed rim having a plurality of depressions therein, and sockets formed in said depressions for the reception of the ends of the spokes.

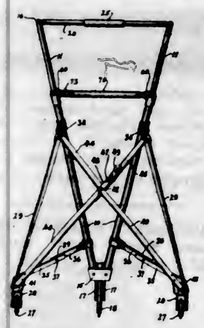
1,576,074. APPARATUS FOR SEALING OIL WELLS. WILLIAM T. THOMAS, Tonkawa, Okla., assignor of one-half to American Iron & Machine Works, Inc., Tonkawa, Okla., a Corporation of Oklahoma. Filed Apr. 9, 1925, Serial No. 22,000. Renewed Jan. 14, 1926. 7 Claims. (Cl. 166—1.)

1. In apparatus for cementing wells, a disk carried by the casing adjacent the lower end thereof and having a central opening providing an upwardly facing valve seat, a follower piston adapted to be placed upon the cement and having at its lower end a valve for coaction with the valve seat and means carried by the



disk and engaging the follower piston for locking the follower piston in position with its valve engaged with the seat of the disk.

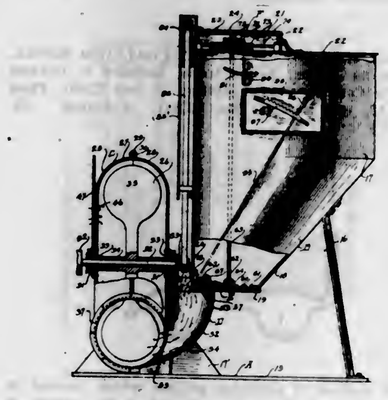
1,576,075. COMBINED GOCART, HIGH CHAIR, AND BABY CARRIAGE. TRACEY A. TISDELL, Los Angeles, Calif. Filed Jan. 24, 1925. Serial No. 4,472. 8 Claims. (Cl. 280—41.)



1. In a go cart, a body including a pair of handle members and a wheel structure including a supporting wheel, pivots connecting said handle members to said wheel structure, the axes of said pivots extending at substantially right angles to the axis of rotation of said supporting wheel whereby the handle members may be moved together, a strut pivoted on each handle member, and wheels supported on said struts.

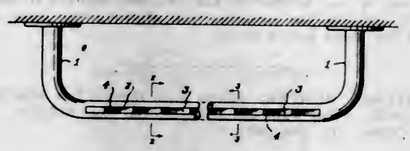
1,576,076. AIR-BLAST SPRAYER OR DUSTER. AVERY W. WALKER, Gasport, N. Y. Filed June 12, 1922. Serial No. 567,808. 7 Claims. (Cl. 48—148.)

5. In a machine for dusting trees, shrubbery and plants, a hopper, a blower including a casing divided longitudinally to provided a pair of sections, means for connecting the sections together, one of the sections having an air inlet opening therein, means for controlling the effective size of said opening including a swinging plate, a suction pipe formed integral with the other section communicating with the blower at a point in advance of the fan portion of the blower, the upper end of the suction pipe being flared, a portion of the lower end of the hopper being disposed within a portion of



the suction pipe, the mentioned portion of the hopper having an opening therein, means for feeding powder through the opening, means for controlling the effective size of the opening, and means for operatively connecting the blower and the powder feeding means together.

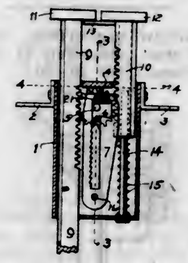
1,576,077. TOWEL RAIL. HENRY D. WATSON, Philadelphia, Pa. Filed Feb. 21, 1924. Serial No. 694,326. 2 Claims. (Cl. 45—32.)



1. As a new article of manufacture, a towel rail having longitudinally extending inturned edge portions, disposed in spaced relation to provide a longitudinally extending groove, an insert of non-slippery semi-elastic material in said groove.

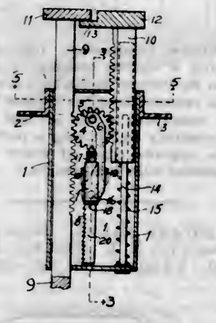
1,576,078. FUEL-FEED CONTROL FOR AUTOMOTIVE ENGINES. SIMON BARLOW, Ogden, Utah. Filed Mar. 31, 1925. Serial No. 19,702. 13 Claims. (Cl. 74—39.)

1. In a fuel feed control for automotive engines, a carburetter valve crank, a through foot-throttle push-rod operatively connected with said valve crank, a hand-operated means also for operating said valve crank and co-acting with said through push-rod but operating at right angles thereto, through means fulcrumed thereon, a spring means of retaining and retracting said through push-rod from downward to normal off position and a sleeve slidably connected to such push-rod as a check on such spring action, a second push-rod adacent to the first and bearing a stop such that downward movement of the through push-rod depresses said second push-rod, a spring to return said second push-rod and connections to normal off position, a gear wheel operatively in mesh with both said push rods and having crank arms off



center and a center shaft, fulcrum-and-distance-check pieces having bearing surfaces and slot coacting with such shaft and crank arms.

1,576,079. FUEL-FEED CONTROL FOR AUTOMOTIVE ENGINES. SIMON BARLOW, Ogden, Utah. Filed Sept. 26, 1925. Serial No. 58,874. 6 Claims. (Cl. 74—81.)



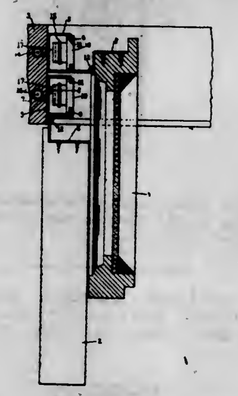
1. In a fuel feed control for automotive engines, a carburetor valve crank, a through foot-throttle push-rod operatively connected with said valve crank, a hand operated means also for operating said valve crank and co-acting with said through push-rod through a connection that slides freely in one direction from a given point and is elastic in the other direction, a second push-rod adjacent to the first and bearing a stop such that downward movement of the through push-rod depresses said second push-rod, a spring to return said push rods and connections to normal off position, a gear wheel operatively in mesh with both said push rods and having an off-center shaft only, and an expansible fulcrum-and-check yoke journaled on said off-center shaft, catches and guide lugs on said yoke, and side plates having slots, respectively, co-acting with the guide lugs and catches on said yoke.

1,576,080. METHOD OF RECOVERING LIGHT METALS FROM SCRAP AND THE LIKE. ADOLF BECK, Griesheim-on-the-Main, Germany, assignor to the Firm: Chemische Fabrik Griesheim-Elektron, Griesheim-on-the-Main, Germany. Filed Apr. 11, 1924. Serial No. 705,936. 9 Claims. (Cl. 7—17.)

1. The process for recovering light metals, such as magnesium and aluminium or their alloys from scrap and other impure metallic mixtures, which comprises

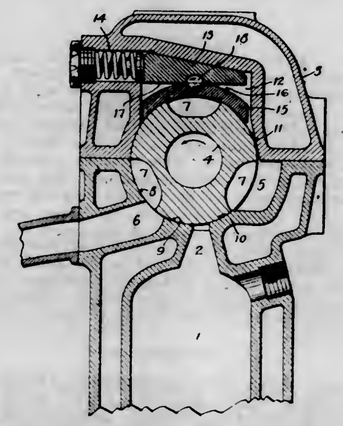
melting the metal to be treated, adding magnesium chloride and a substance adapted to act as a thickening medium on magnesium chloride, stirring the mixture and separating the molten metal from the foreign substances.

1,576,081. WINDOW MOUNTING. GEORGE S. BENJAMIN, Detroit, Mich. Filed July 21. 1924. Serial No. 727,265. 2 Claims. (Cl. 20—50.)



1. In a window construction, the combination with a frame having a window opening, of a channel guide mounted upon said frame within said opening and formed with a pair of opposed flanges, a closure for said opening, and a hinge comprising a leaf secured to said closure, and a complementary leaf having a portion of increased thickness, the opposite edges of which are grooved for sliding engagement with said flanges.

1,576,082. ROTARY VALVE. EUGENE M. BOURNONVILLE, Jersey City, N. J. Filed May 31, 1923. Serial No. 642,510. 9 Claims. (Cl. 123—190.)



1. A rotary valve of the kind described, having a casing and a rotary valve member, and a circumferentially movable shoe and a wedge or movable backing member, together constituting a compensating device acted on in one direction by the drag of the valve member and in the opposite direction by means opposing such drag characterized by the shoe having a back surface curved substantially concentrically with the face that bears on the valve member, so as to bear and rock in a rolling manner on the face of the backing member, there being means to connect the wedge and shoe in respect to their reciprocal movement.

1,576,083. METHOD OF REFINING GALLIUM METAL. SYLVESTER BOYER, Lynn, Mass., assignor to General Electric Company, a Corporation of New York. Filed Aug. 12, 1925. Serial No. 49,841. 4 Claims. (Cl. 75—17.)



1. The method of purifying gallium which consists in forming a film of a halogen compound on the surface of a charge of metallic gallium to be purified and heating said charge in a vacuous space to a temperature at which the halogen film is volatilized.

1,576,084. PROCESS OF CRYSTALLIZING MAPLE-SUGAR CAKES. ALICE BROWN, Shelburne Falls, Mass. Filed June 27, 1925. Serial No. 40,107. 1 Claim. (Cl. 127—58.)

The process of crystallizing maple sugar cakes, which consists in first placing the cakes on wire screens, then inserting them in a container, then boiling maple syrup to a temperature of 224° to 228° F., then allowing the syrup to cool to 110° to 115° F., then pouring it over the cakes in the container and allowing the mass to set for about twelve hours.

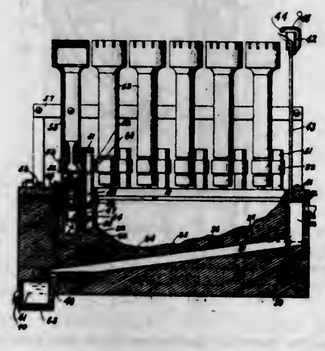
1,576,085. BUMPER. JAMES B. L. BROWN, Los Angeles, Calif. Filed July 21, 1922. Serial No. 576,570. 1 Claim. (Cl. 293—55.)



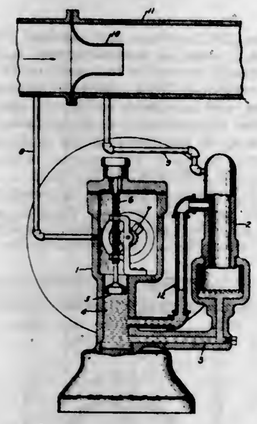
A one piece bumper formed with securing members, clamps for clamping said securing members against the end member of the automobile chassis, hook bolts for engaging the automobile lamp brackets and extending through said securing members, and nuts screwing on the ends of said bolts against said securing members.

1,576,086. HEATING APPLIANCE. RALPH C. BROWNE, Salem, Mass. Filed Mar. 11, 1921. Serial No. 451,560. 13 Claims. (Cl. 126—90.)

1. In apparatus of the character described, in combination, a heating unit comprising a plurality of independent burners of the Bunsen type, means for controlling the admission of gas to a number of said burners, determined by the temperature of the chamber to be heated, said means comprising a fluid heavier than the gas admitted, being displaced by variation of temperature in said chamber and operative thereby to open or close said burners to the gas.



1,576,087. U-TUBE MANOMETER. CHARLES F. BULLOCK, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 8, 1924. Serial No. 748,779. 3 Claims. (Cl. 73—31.)



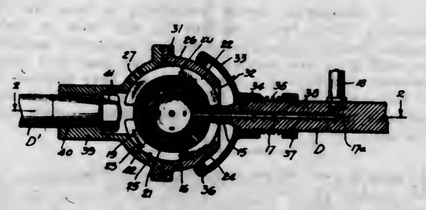
1. The combination with an instrument comprising a U-tube and indicating liquid therein, of means controlled by the level of the liquid in the U-tube for automatically placing the two legs of the U-tube in communication with each other above the levels of the liquid therein when the liquid deflection from the leading leg of the U-tube to the trailing leg of the U-tube exceeds a predetermined amount.

1,576,088. CONTAINER. CHARLES J. BUNE, West Hoboken, N. J. Filed Apr. 10, 1925. Serial No. 22,097. 7 Claims. (Cl. 229—15.)



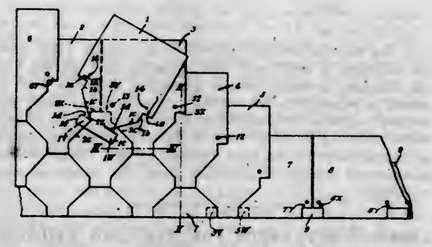
1. A container comprising a pair of pockets, each having a bottom wall and side walls and a flange at the top of the side walls, a lid common to both of the pockets and secured to the flanges, the flanges being shaped at adjacent sides to form a notch and thereby provide a finger hold on the lid overlying said notch.

1,576,089. UNIVERSAL JOINT. ELMER G. BURNS, Los Angeles, Calif. Filed Mar. 10, 1925. Serial No. 14,510. 4 Claims. (Cl. 64—91.)



1. A universal joint comprising a shaft, a hollow flanged ball formed on one end of the shaft, a two-part socket rotatably receiving the ball, flanges on the socket at right angles to the flange of the ball, a two-part housing receiving the socket parts and having grooves slidably receiving the flanges of the socket parts, said housing being provided with an opening through which said shaft extends, said shaft being provided with a duct through which oil can be supplied interiorly of said ball, and said ball and socket sections being provided with openings for delivering oil supplied to the ball to the working surfaces of said ball, socket and housing.

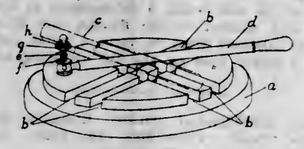
1,576,090. INTERLOCKING-SHINGLE ROOF. SCOTT E. CARPENTER, Memphis, Tenn. Filed July 23, 1923. Serial No. 653,198. 6 Claims. (Cl. 108—8.)



1. A shingle having a rectangular upper portion, oppositely disposed shoulders extending inward from both sides along the lower edge of said upper section, a symmetrically disposed lower section of less width than said

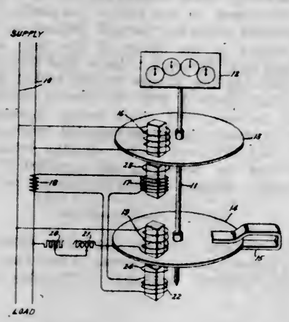
upper portion, a restricted throat near the lower edge thereof symmetrically disposed with reference thereto, said throat being of a width equal to the combined widths of the said shoulders, and comparatively narrow rectangular tongues extending laterally outward below said throat and forming the lower edge of said shingle, the length of said tongues being equal to their width, whereby when said shingle is assembled with other shingles on a roof the ends of the said tongues of an overlying shingle for their entire depth come beneath and are adapted to be held down by the underlying shingle.

1,576,091. SHARPENING DEVICE. JAMES CHANTRY, Sheffield, England. Filed July 5, 1923. Serial No. 649,690. 5 Claims. (Cl. 76—82.)



1. A sharpening device comprising a base, an upstanding pivot fixedly secured to said base at right angles thereto, a sharpening medium resiliently mounted on said pivot and oscillatable over the base in a plane parallel thereto, and a support on the base disposed in a plane parallel thereto for holding an article in the operable position between the sharpening medium and the base.

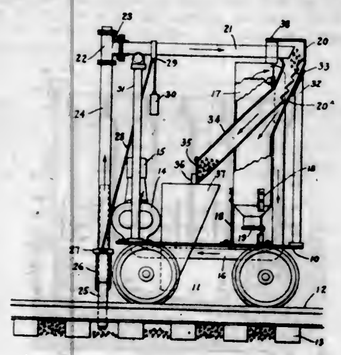
1,576,092. INDUCTION METER. FREDERICK P. CHURCH, Lynn, Mass., assignor to General Electric Company, a Corporation of New York. Filed Nov. 9, 1923. Serial No. 673,829. 6 Claims. (Cl. 171—264.)



1. An electric circuit subject to a variable other than its wattage, a wattmeter for metering said circuit having unequal opposing torque producing elements each of which is susceptible in different degrees to an error due to said variable, the individual torques and errors of said elements being so proportioned that the resultant torque is proportional to the true wattage of said circuit within commercial limits of accuracy over the range of said variable.

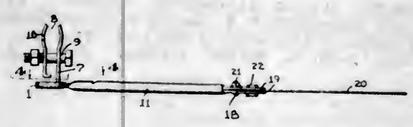
1,576,093. APPARATUS FOR HANDLING RAILROAD BALLAST. HORACE G. COOKE, New York, N. Y. Filed Sept. 17, 1921. Serial No. 501,395. 1 Claim. (Cl. 262—2.)

An apparatus of the kind described comprising a car, a suction pipe supported on the car and constructed to have its mouth brought adjacent to the roadbed of the track, means for creating a suction in the pipe, a hopper



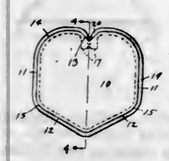
to receive the material discharged from the pipe, and a screen in the path of the material in the pipe to screen out the finer parts thereof.

1,576,094. GLARESHIELD. JAMES P. CULBERTSON, Allentown, Pa. Filed May 9, 1924. Serial No. 712,016. 2 Claims. (Cl. 296—97.)



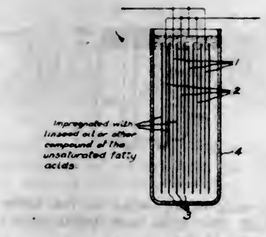
1. A device of the character described, comprising a notched disk, a clamped element rigidly secured to said disk and adapted to secure the same to an appropriate part of a vehicle, a head revolvable around said disk and provided with a tubular extension, said head being provided with a plurality of ears that overlap the disk serving to keep it positioned in the head, a glare protector element having a rod secured thereto extending into the tubular extension of the head, a plug in the throat of the tubular extension adjacent the head, a spiral spring interposed between the plug and the end of the rod, and a ball seated in the plug and adapted to engage one or another of the notches in the disk.

1,576,095. FILE-CLEANING TOOL. JOHN G. DALY, Portland, Oreg. Filed Feb. 24, 1925. Serial No. 11,226. 2 Claims. (Cl. 15—236.)



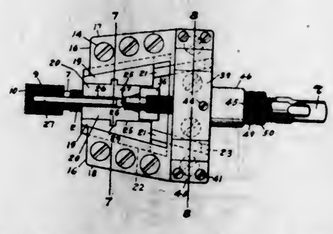
1. The combination of a holder having flat sides and a groove formed around the edge thereof; and a soft wire partially embedded in said groove.

1,576,096. ELECTRIC CONDENSER. WHEELER P. DAVEY, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Apr. 22, 1924. Serial No. 708,248. 6 Claims. (Cl. 250—41.)



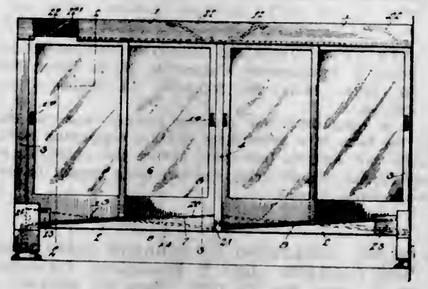
1. A condenser comprising a plurality of conducting layers and spacing of solid material therebetween containing a compound of the unsaturated fatty acids.

1,576,097. KEY-PULLING TOOL. MURVIN C. DEIFENDERFER, Bluffton, Ohio, assignor to Scott & Ewing Company, a Partnership composed of Frank Scott and E. R. Ewing, both of Bluffton, Ohio. Filed Jan. 23, 1925. Serial No. 4,173. 12 Claims. (Cl. 29—86.1.)



1. In a key pulling tool, a base block, spaced converging guiding members, tapered sliding blocks carried thereby, engaging jaws carried by the respective blocks, and means carried by said base-block such as a screw adapted to have one end actuated and the other end engaging an abutment adjacent the shaft in which the key is located which is engaged between the jaws.

1,576,098. DOOR CONSTRUCTION. JOHN GITLEN DEITZ, Tulsa, Okla. Filed Oct. 8, 1924. Serial No. 742,468. 7 Claims. (Cl. 20—20.)



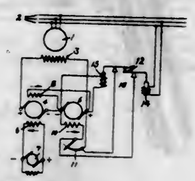
1. In a door construction, a frame defining an opening and comprising a horizontal top member and a stationary bottom member having an inclined track at the upper side thereof, said top member having a channel formed in its lower side directly above said track, and a door slidable on said stationary inclined track to and from position to close said opening, the lower edge of the door being inclined to correspond to the inclination of the track, the upper edge of the door being horizontal, and the upper edge portion of the door extending into the channel in said top frame member.

1,576,099. TOY TRUMPET. MORLAND MICHOLL DESSAU, London, England. Filed Nov. 8, 1924. Serial No. 748,703. 4 Claims. (Cl. 46—46.)



1. A toy trumpet comprising a hollow body formed of rubber, a bow-shaped stiffening member secured at its ends to the hollow body, a mouthpiece formed at one end of the hollow body and a sound producing device within said mouthpiece.

1,576,100. REGULATING SYSTEM. RICHARD DIETZE, Pankow, Germany, assignor to General Electric Company, a Corporation of New York. Filed May 12, 1923. Serial No. 638,485. 6 Claims. (Cl. 171—225.)

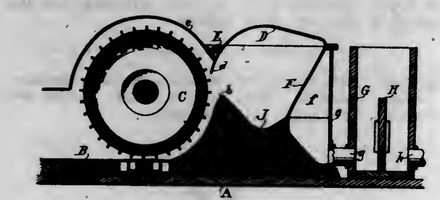


1. In a regulating system, a dynamo-electric machine adapted to control the condition to be regulated, two sources of current connected in opposition to each other in the field circuit of the machine, means responsive to the condition to be regulated for regulating the voltage of one of said sources of current, and regulating means whereby the voltage of the other one of said sources varies inversely with respect to the voltage of said one of said sources.

1,576,101. EXTRACTOR BEATING ENGINE. FRANK B. DILTS, Fulton, N. Y., assignor to Dilts Machine Works, Inc., Fulton, N. Y. Filed May 2, 1924. Serial No. 710,588. 11 Claims. (Cl. 92—24.)

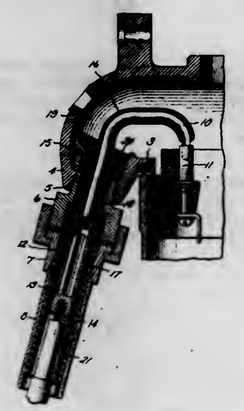
1. In a beating engine, the combination with a tub having a rounded end, of a beater roll at one side of the tub to disintegrate and circulate the material in the tub, a back-fall located adjacent to the roll, the rounded end of the tub receiving material directly from a backfall

and including a screen constructed to turn the direction of the flow of material and permitting the passage of sufficiently beaten material, the bottom of the



tub adjacent to the said screen having an abrupt drop to accelerate the movement of the material passing by the screen, and means for receiving and discharging material after it has passed through the said screen.

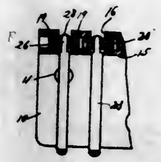
1,576,102. TERMINAL CONNECTION FOR ELECTRICAL APPARATUS. LOUIS W. DOWNES, Providence, R. I., assignor to General Electric Company, a Corporation of New York. Filed Feb. 14, 1922. Serial No. 536,549. 3 Claims. (Cl. 173—353.)



2. The combination with a metallic casing having an opening therein, a pipe union connected to the casing at said opening, an electric conductor extending out of said casing and into said union and having at its outer end a slip contact member, fibrous insulation surrounding said conductor, an insulating sleeve surrounding said slip contact member and a portion of the fibrous insulation of said conductor, and insulating cement surrounding the upper end of said sleeve and embracing the fibrous insulation of said electric conductor and serving positively to anchor said conductor and the parts connected thereto to said metallic casing.

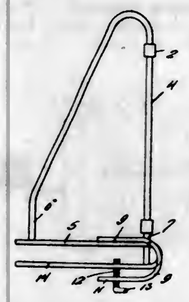
1,576,103. KEY HOLDER. CHARLES H. FALLOWS, Providence, R. I. Filed Dec. 9, 1925. Serial No. 74,358. 1 Claim. (Cl. 150—40.)

In an article of the character described, an attaching plate, a plurality of longitudinally disposed loops integral with the plate and interspaced from each other, blocks loosely fitting in the spaces between the loops and provided with holes, trunnions on the blocks journaled



in the loops, snap hooks, necks on the hooks extending loosely through the holes and heads upon the necks resting upon the blocks.

1,576,104. LUGGAGE CARRIER. JOHN J. FERGUSON, Columbus, Ohio. Filed July 21, 1924. Serial No. 727,286. 3 Claims. (Cl. 224—29.)



3. A combination clamp and bracket structure including a U-shaped member comprising an upper plate, and a lower plate connected by an intermediate portion, a second U-shaped member comprising an upper plate, and a lower plate connected by an intermediate portion having a slot for receiving the first mentioned U-shaped member, the upper plate of the second U-shaped member resting on the upper plate of the first U-shaped member, and means for holding the first U-shaped member against displacement on a support, and holding the second U-shaped member in different adjusted positions on the first U-shaped member.

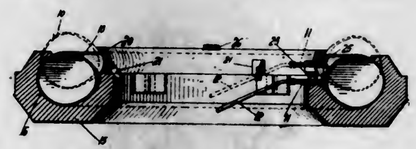
1,576,105. GARBAGE-TREATING COMPOSITION. JOHN T. FETHERSTON, Cuylerville, N. Y. Filed Feb. 27, 1924. Serial No. 695,585. 14 Claims. (Cl. 167—3.)

1. A composition for treating garbage, and the like in the form of a pulverulent mixture comprising essentially salt and an ingredient having the properties of neutralizing organic acids, the salt being present in preponderating amount.

1,576,106. TREATMENT OF GARBAGE CONTAINERS AND GARBAGE. JOHN T. FETHERSTON, Cuylerville, N. Y. Filed Feb. 27, 1924. Serial No. 695,586. 6 Claims. (Cl. 167—3.)

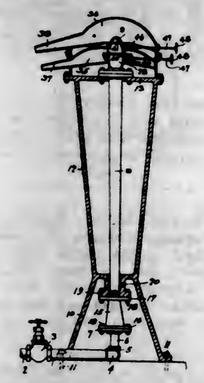
1. The method of treating garbage containers which comprises sprinkling or scattering salt on the bottom and around the sides thereof.

1,576,107. DEVICE FOR LOCATING INNER TUBES IN MOLDS. MICHAEL A. FLYNN, Akron, Ohio. Filed Nov. 5, 1925. Serial No. 66,945. 8 Claims. (Cl. 18—2.)



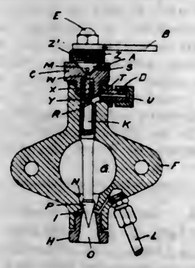
1. In combination with a tube mold having a cavity therein, a ring which is concave upon its outer surface to provide a seat for the inner periphery of the inner tube, and means to center the ring with respect to the mold with the seat therein in alignment with the mold cavity.

1,576,108. SEPARATOR. GEORGE L. FOGLER, Tulsa, Okla. Filed July 5, 1923. Serial No. 649,628. 8 Claims. (Cl. 210—51.)



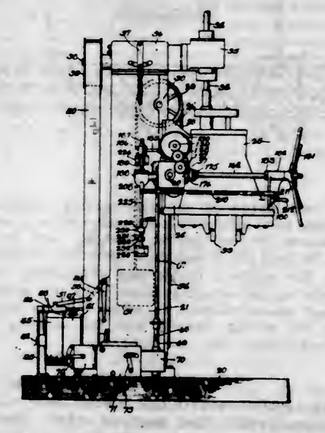
1. Apparatus for separating the constituents of fluid mixtures comprising a vertical tube of upwardly increasing diameter, means for supplying fluid to the lower end of said tube, means for causing said fluid before entering said tube to rotate around the vertical axis of said tube, and means for removing the separated materials from the upper end of said tube.

1,576,109. HUMIDIFIER FOR INTERNAL-COMBUSTION ENGINES. ADAM FORMAN and RICHARD MATCHETT, Beattock, Scotland. Filed Oct. 2, 1922. Serial No. 591,990. 3 Claims. (Cl. 261—62.)



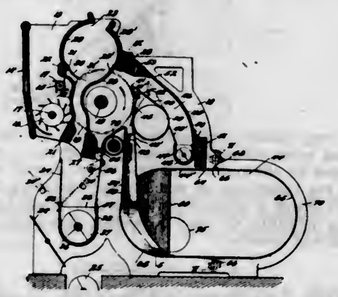
1. A humidifying apparatus for internal combustion engines comprising, a casing, a Venturi tube in the casing through which the engine suction operates, an annular water inlet at the throat of the Venturi tube, a valve at the throat of the Venturi tube controlling the water inlet, a piston carried by the valve, a chamber in the casing within which the piston is a loose fit, said chamber being open to the engine suction, a passage opening into said chamber at a point beyond the piston and effecting communication between said chamber and the atmosphere, and means for closing said passage.

1,576,110. DRILLING MACHINE. ROBERT M. GALLOWAY and PAUL C. BURTON, Richmond, Ind., assignors to The National Automatic Tool Company, Richmond, Ind., a Corporation of Indiana. Filed Sept. 7, 1923. Serial No. 661,448. 36 Claims. (Cl. 77—32.)



2. In a machine of the class described, a movable head, slow power feed mechanism for moving said head, rapid traverse mechanism for moving said head, electrically actuated means for controlling said rapid traverse mechanism, and means controlled by the starting of said rapid traverse mechanism for controlling the operation of said slow power feed mechanism.

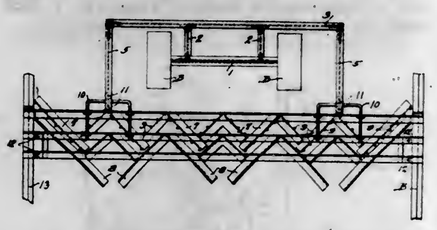
1,576,111. COTTON GIN. JAMES CHARLES GARNER, Houston, Tex. Filed June 3, 1925. Serial No. 34,667. 46 Claims. (Cl. 19—59.)



1. In a machine of the class described, rotatable saws, a blast nozzle having a working position adjacent the saws and movable toward and away from the same, a lint flue spaced from said nozzle and adapted to receive lint from the saws, and an air board adjacent the saws between the nozzle and the flue adapted to direct the lint and blast to the flue, said air board being movable toward and away from the saws.

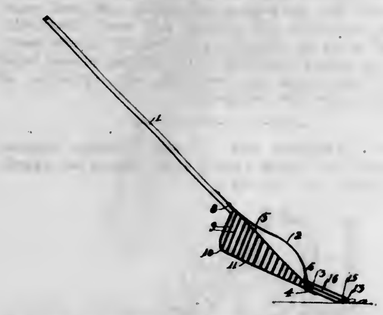
8. In a machine of the class described, a frame, and a substantially tubular main flue section carried by said frame, said main flue section being substantially longitudinally divided into sub-sections, one of which communicates with the machine and the other of which is detachable.

1,576,112. SUBGRADE PLANER. JAMES M. GARVEY, Appleton, Wis., assignor to Garvey-Weyenberg Construction Company, Appleton, Wis., a Corporation. Filed Jan. 6, 1922. Serial No. 527,422. 6 Claims. (Cl. 94—45.)



1. In combination, a sub-grade paving machine, and a sub-grade scraping device connected with said machine, track means for the paving machine, and propelling devices for said track means, a draw bar means intermediate the scraping device and the paving machine for advancing the scraping device with the paving machine, and means whereby to permit relative movement between the paving machine and the scraping device, as the two operate over the sub-grade.

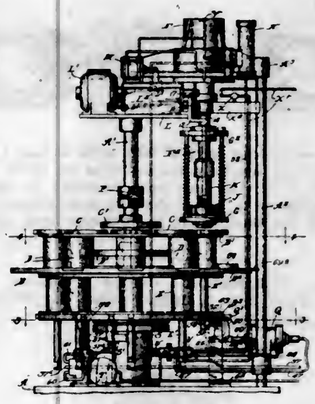
1,576,113. FRUIT GATHERER. WILLIAM P. GAUGHAN, San Jose, Calif. Filed Sept. 13, 1923. Serial No. 662,476. 1 Claim. (Cl. 56—327.)



A fruit gatherer comprising a handle having a supporting strap extending forwardly therefrom, a cross-bar mounted on the free end of said strap, a plate mounted upon the lower edge of said bar and extending throughout its length, a basket mounted on said handle and plate, and a plurality of teeth extending forwardly of said basket and cross-bar.

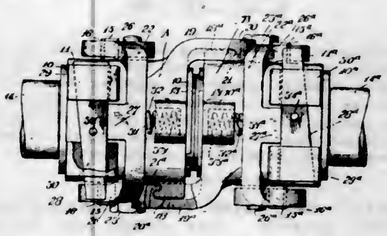
1,576,114. MACHINE FOR MAKING GLASS CONTAINERS. WARREN E. GLASPEY, Bridgeton, N. J., assignor to Spring Stopper Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 22, 1923. Serial No. 670,041. 5 Claims. (Cl. 49—10.)

1. In a machine of the character set forth, the combination with a reciprocable press-plunger equipped with a pressing tool, of an independently movable cross head, a nut mounted thereon, an annular mandrel receiving said tool and having a threaded shank working through said nut and having a thread-equipped tip, gear mechanism mounted on said cross-head and adapted to rotate said mandrel, said gear mechanism being equipped with



means for limiting the number of rotations, a clutch associated with said gear mechanism, a driving shaft having splined connection with said clutch, and reversing gear mechanism serving to actuate said shaft in either direction.

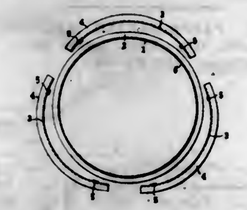
1,576,115. HOSE COUPLING. EGBERT H. GOLD and EDWARD A. RUSSELL, Chicago, Ill.; said Russell assignor of one-half of the entire right to Vapor Car Heating Company, Inc., Chicago, Ill., a New York Corporation. Original application filed May 1, 1922, Serial No. 557,675. Divided and this application filed May 29, 1924. Serial No. 716,602. 18 Claims. (Cl. 285—65.)



1. In a hose coupler, the combination of a conduit member formed with a pair of diametrically arranged outstanding projections, a coupling member through which the conduit member extends and which is slotted for said projections, means on the coupling member for interlocking the same with a mating coupler, a yoke pivoted to said coupling member and adapted to bear against the projections on the conduit member, and a wedge adapted to be driven against said yoke so that the conduit member is moved forwardly through the coupling member.

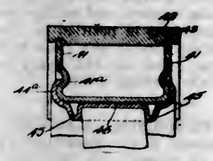
1,576,116. RIM. GEORGE S. GREENE and LORENZ WEIHER, New York, N. Y. Filed July 9, 1923. Serial No. 650,329. 1 Claim. (Cl. 301—35.)

In a device of the character described, in combination, a tire supporting rim part including a plurality of circumferential sections adapted to abut end to end to form a complete outer rim part, said circumferential sections having inwardly extending circumferential flanges adapted to bear against the inner surface of a surrounding tire for supporting the same, and means including



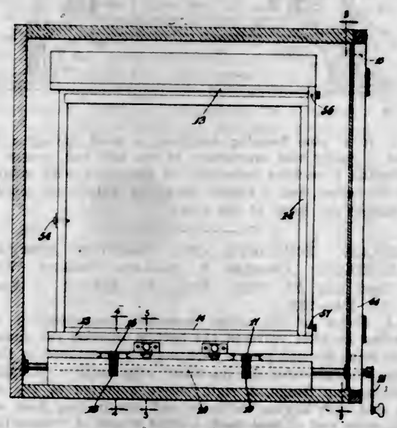
a circumferential rim part disposed inside of said circumferential flanges, whereby inwardly directed radial pressure of the surrounding tire retains the rim sections in tire supporting relation with each other.

1,576,117. WHEEL. JAMES GUTHRIE, Elyria, Ohio. Filed Dec. 5, 1919. Serial No. 342,761. 4 Claims. (Cl. 301—67.)



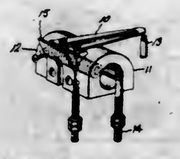
3. A felly comprising an annular outer body adapted to receive a tire base, and an annular sheet-metal reinforcing band within and secured to said body and having inwardly projecting double-walled cups adapted to receive the ends of spokes.

1,576,118. COLOR PHOTOGRAPHY. FRANCIS HAHN, Bergenfield, N. J., assignor, by mesne assignments, to Repro-Art Machinery Co., a Copartnership consisting of Howard S. Levy and Lionel F. Levy. Filed Mar. 1, 1921. Serial No. 448,895. 12 Claims. (Cl. 95—2.)



1. A camera having a lens, means for supporting a light sensitive medium in operative relation to the lens, and a member supported intermediate the lens and first-named supporting means for intercepting rays corresponding to high lights and to certain colors but permitting other rays to pass therethrough.

1,576,119. PROTECTIVE RELAY. CHESTER I. HALL, Fort Wayne, Ind., assignor to General Electric Company, a Corporation of New York. Filed Aug. 8, 1924. Serial No. 730,985. 4 Claims. (Cl. 200—122.)



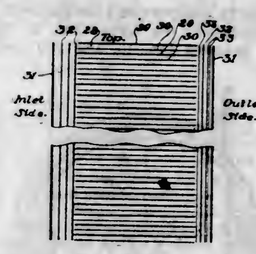
4. In a temperature relay, the combination of a divided storage mass of metal, a bimetallic thermal element electrically and thermally connected to each portion of said mass, and means for heating said mass comprising a resistor in series connection with said element and a resistor in shunt connection with said element.

1,576,120. WRIST WATCH AND OTHER WATCH. JOHN HARWOOD, Baldrine, Lonon, Isle of Man. Filed Oct. 8, 1923. Serial No. 667,373. 3 Claims. (Cl. 58—82.



1. A self winding watch comprising, an oscillating weight, a pawl carrying plate frictionally connected to the weight, and a pawl on said plate adapted to be moved by the oscillations of the weight to turn the winding train.

1,576,121. FILTER UNIT. JAMES JARVIS PREBLE, Newton, Mass., assignor to Spray Engineering Company, Boston, Mass., a Corporation of Massachusetts. Filed Apr. 30, 1925. Serial No. 27,033. 8 Claims. (Cl. 183—51.)

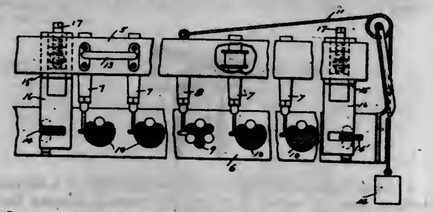


1. A filter unit having, in combination, a cell having inlet and outlet openings, and a densely compacted stack of diversiform expanded metal sheets interposed between the openings.

1,576,122. ABRASIVE ARTICLE. DUANE E. WEBSTER, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a Corporation of Massachusetts. Filed Feb. 4, 1924. Serial No. 690,662. 2 Claims. (Cl. 51—280.)

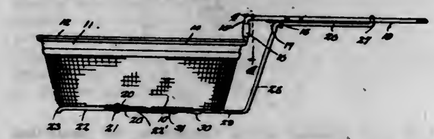
2. An abrasive article having abrasive grains united by a heat-set bond comprising a condensation product of formaldehyde and phenol combined with plaster of Paris forming from ½ to 80% by weight of the total mass.

1,576,123. CARVING-MACHINE ATTACHMENT. THEODORE WILDBERGER and ERNEST B. JOHNS, Los Angeles, Calif. Filed Dec. 8, 1923. Serial No. 679,508. 1 Claim. (Cl. 90—13.3.)



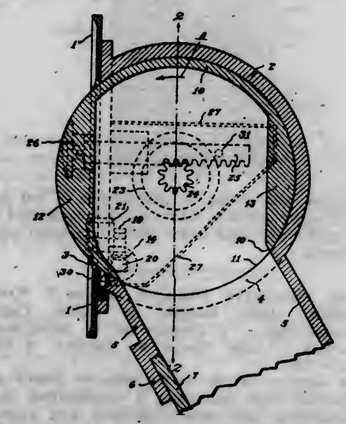
In a carving machine attachment, the combination of guide bars engaging the cutter bar of carving machines, ball bearings engaging on guides or tracks attached to the table frame, adjusting means for said ball bearings, adjusting screws for adjusting the cutter bar in a vertical direction, adjusting screw control levers; a pulley bracket, a cord running through said pulley bracket, means for attaching one end thereof to the cutter bar, and a weight attached to the other end, substantially as and for the purpose set forth.

1,576,124. FRYING BASKET. WALTER BRUCE WILLS, Baltimore, Md. Filed Oct. 1, 1925. Serial No. 59,902. 3 Claims. (Cl. 53—7.)



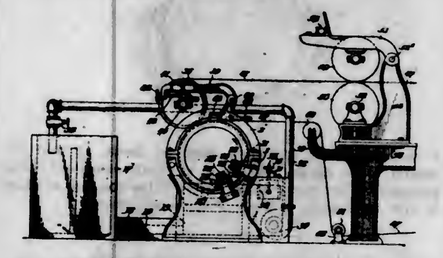
1. A utensil of the kind described having a plurality of supporting arms pivoted beneath the bottom of the utensil eccentrically thereof and arranged to protrude beyond said bottom when swung into one position and to be housed beneath said bottom when swung into a second position, a further supporting arm located beneath the bottom and movable inwardly and outwardly thereof, and means connecting said arms for simultaneous movement.

1,576,125. NIGHT-DEPOSITORY ENTRANCE. SAMUEL P. YEO, Philadelphia, Pa. Filed Feb. 2, 1925, Serial No. 6,441. Renewed Jan. 15, 1926. 9 Claims. (Cl. 109—1.)



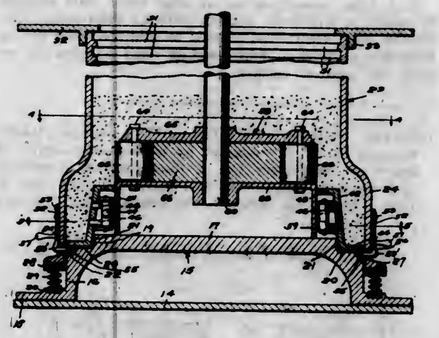
1. In a night depository entrance structure, a rotary object receiving member, a lock for locking said member against rotation, a rack and pinion operable independently of the lock for rotating the cylinder upon release of the cylinder from the lock.

1,576,126. PAPER-MAKING MACHINE. ALONZO ALDRICH, Beloit, Wis. Filed Nov. 4, 1921. Serial No. 512,811. 6 Claims. (Cl. 92—43.)



1. A paper machine comprising a rotary forming member, a vat or tank for the pulp for said forming member and suction means tending to strip the paper film from the rotary forming member, said suction means comprising a suction box arranged in position on the outer side of the rotary forming member and close to the same so as to exert suction force on the paper strip before it actually leaves the forming member.

1,576,127. PIPE-FORMING MACHINE. WILLIAM C. AUSTIN, Anderson, S. C. Filed Apr. 24, 1925. Serial No. 25,646. 23 Claims. (Cl. 25—39.)



1. In a pipe forming machine, a mold having a bell end, a pallet held stationary in the bell end, means for effecting a packing operation of the mold with relation to the pallet, and a former operating within the mold to complete the body of the pipe.

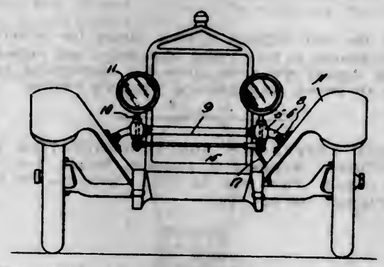
1,576,128. DENTIST'S CHIP BLOWER AND AIR SYRINGE. CHARLES S. BALLARD, Buckley, Wash. Filed Aug. 27, 1923. Serial No. 659,514. 1 Claim. (Cl. 128—231.)

A device of the class described comprising a bulb having an inlet valve in the bottom thereof, the opposite end being formed into a neck portion, increased in thickness and provided at its outer edge with a peripheral outstanding flange, a rigid sleeve mounted in the neck of said bulb having its outer end terminating flush with the outer end of said neck, a rigid nipple of substantially conical design applied to the end of said neck and held frictionally in engagement therewith by the annular flange of said neck engaging the peripheral edge of said nipple, said nipple having a restricted bore terminating at its inner end in an enlarged cavity adapted to communicate with the bore of the aforesaid sleeve, a hollow conical valve member loosely disposed in said cavity and adapted to be seated on the outer end of said sleeve, the outer peripheral edge of said valve member being formed with



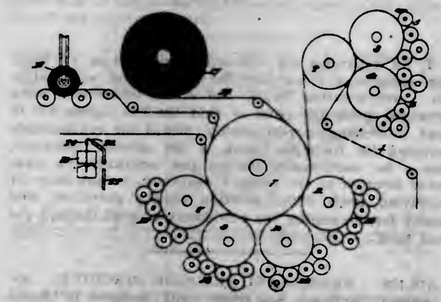
notches to afford passageways when the valve is disposed against the one wall of said cavity, and a tube mounted in the bore of said nipple and extending therethrough, as and for the purposes described.

1,576,129. DIRIGIBLE HEADLIGHT. HERWIN S. BANHOLZER and JOHN J. MONTAGUE, Bicknell, Ind. Filed July 7, 1925. Serial No. 41,985. 1 Claim. (Cl. 240—62.)



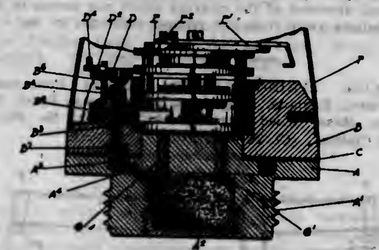
In a vehicle wherein the same includes a pair of fenders, a pair of arms, journal brackets formed on the arms, means connecting the arms, shafts journaled in the journal brackets, headlights on the upper ends of the shafts, a steering mechanism, and means connecting the steering mechanism with the shafts, a pair of plates having their lower ends pivoted to the fenders and their upper ends provided with arcuate slots, bolts extending from the fenders through the slots to hold the said plates in adjusted positions on the fenders, and a pair of straight parallel ears projecting from said plates to which said arms are pivoted.

1,576,130. MEANS FOR APPLYING ANTIOFFSET MATERIAL TO THE FRESHLY-PRINTED SIDES OF TRAVELING WEBS. HOWARD M. BARBER, Stonington, Conn., assignor to C. B. Cottrell & Sons Company, Stonington, Conn., a Corporation of Delaware. Filed Jan. 31, 1924. Serial No. 689,686. 5 Claims. (Cl. 101—416.)



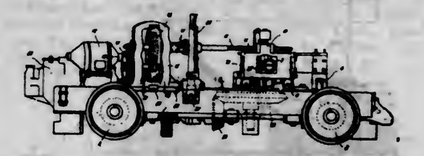
1. In a rotary web printing press, means for printing on the traveling web, means for leading off the web with the freshly printed side down, and a device located under said web for spraying an anti-offset liquid upwardly against the freshly printed side of the web.

1,576,131. MECHANICAL TIME FUSE. JOHN S. BARNES, Rochester, N. Y. Filed Oct. 18, 1921. Serial No. 508,556. 15 Claims. (Cl. 102—86.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



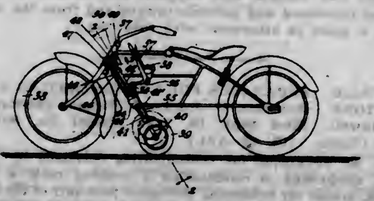
1. In a mechanical time fuse, including a fuse body; provided with an explosive chamber, an annular groove and ducts connecting the chamber and groove; a timing ring mounted on the body and movable with respect thereto, a primer carried by the ring in position to flash into the groove when exploded and describing an arc concentric with the groove when the ring is rotated, a firing pin carried by the ring for firing the primer, a block mounted for rocking movement on the ring, said block having a cut-away portion, a collar on the pin and normally resting in the cut-away portion of the block, to retain the pin in unarmed position, a latch for normally holding the block against rocking movement, a centrifugal catch normally holding the latch, a motor connected to the fuse body and an arm moved by the motor and normally passing the latch without contact therewith and moved by centrifugal force to a position to contact the latch to free the block and permit the pin to fire the primer.

1,576,132. CLINKER EXTRACTOR. GEORGE M. BOOKMAN, Mallow, Va., assignor to Covington Machine Company, Inc., Covington, Va., a Corporation of Virginia. Filed Sept. 3, 1925. Serial No. 54,208. 5 Claims. (Cl. 214—33.)



1. In a machine for extracting clinker and the like, a frame, a carriage swingably mounted on the frame, a stand secured to the frame, a power means connecting said stand and said carriage and adapted to swing said carriage in opposite directions, and a key interengaging said frame and said stand.

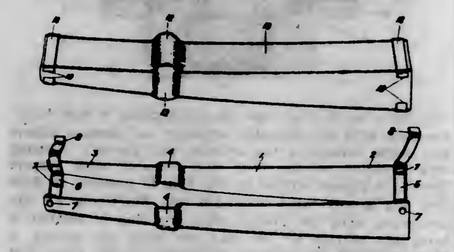
1,576,133. BALANCING DEVICE FOR MOTOR CYCLES AND THE LIKE. LOUIS CHIGAR, New York, N. Y. Filed Sept. 5, 1924. Serial No. 736,178. 2 Claims. (Cl. 208—78.)



I. A balancing device comprising in connection with the frame and steering gear of a motorcycle, a supporting structure including a tube having a rod extension, a

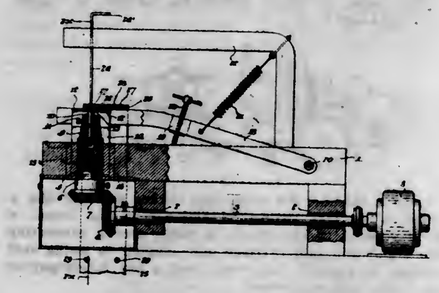
fork carrying rollers said fork having a shank slidably carried in the tube and splined thereto, to revolve therewith, a pair of spaced arms on said steering gear for engaging the arms to cause the rollers to follow the general direction of the steering wheel and means to hold the rollers away from the ground when not in use.

1,576,134. SPRING GAITER. THOMAS CORDINGLEY, Bristol, England, assignor to Mary Crease Sears, Boston, Mass. Filed Aug. 29, 1925. Serial No. 53,311. 12 Claims. (Cl. 267—37.)



1. In spring gaiters for the springs of motor and other vehicles, a U-shaped tray to engage under the spring, an outer sheath to engage over the spring and tray when in position on the spring and a longitudinal joint in the outer sheath, arranged along its underside and beneath the tray.

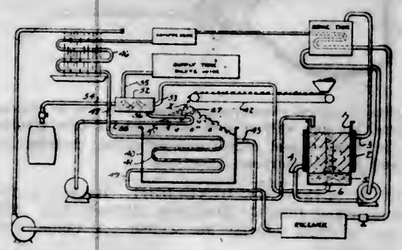
1,576,135. MECHANISM FOR DRILLING AND APPLYING BRAKE-BAND LININGS. CHALON E. CORSON and WILLIAM A. WRIGHT, Philadelphia, Pa., assignors to Wright & Corson Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Mar. 25, 1922. Serial No. 546,567. 12 Claims. (Cl. 77—5.)



1. The mechanism for perforating linings in registration with brake band apertures which comprises a work support forming a rest for a lining on a band, a revoluble tool beneath said support, one of said members being fulcrumed and movable toward and from the other, and a guide in alignment with said tool.

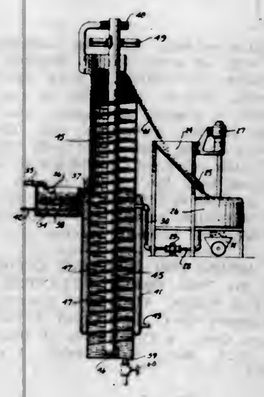
1,576,136. APPARATUS FOR CONCENTRATING SOLUTIONS. MAXWELL O. JOHNSON, Waipio, Territory of Hawaii. Filed Sept. 19, 1921. Serial No. 501,855. 5 Claims. (Cl. 62—124.)

5. An apparatus for concentrating solutions by freezing, comprising in combination a freezing tank, a brine tank, means for subjecting the upper part only of the freezing tank to the cooling action of the brine, a compressor, a forecooler, a cooling tank for the compressed refrigerant, containing ice from the freezing tank for further cooling the compressed refrigerant, means for expanding the cooled refrigerant and cooling the brine therewith, means at the lower part of the freezing tank for conducting



away the cold unfrozen solution, means for delivering dilute solution to the freezing tank, and a heat exchange device through which the dilute and concentrated solutions are passed, for pre-cooling the dilute solution.

1,576,137. APPARATUS FOR CONCENTRATING SOLUTIONS. MAXWELL O. JOHNSON, Waipio, Territory of Hawaii. Filed Sept. 19, 1921. Serial No. 501,856. 4 Claims. (Cl. 62—124.)

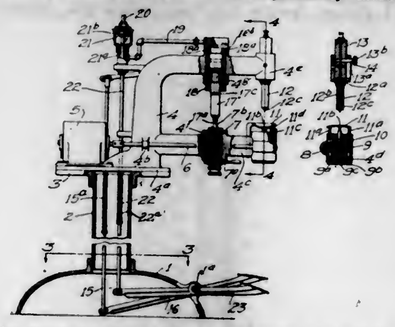


1. An apparatus for concentrating solutions by freezing, comprising a container for the solution, a container for a refrigerating liquid, one of the containers being arranged inside the other so that the two liquids are in heat interchanging relationship, means for continuously scraping ice from the walls of the solution container, means for centrifuging the ice and returning the separated solution to the solution container, a feed tank for supplying fresh dilute solution to the container, and means for circulating the refrigerating agent through the feed tank.

1,576,138. BRAKE-BAND-RELINING MACHINE. ARTHUR C. MCBRIDE, San Diego, Calif., assignor to Chalon E. Corson and William A. Wright. Filed Nov. 12, 1919. Serial No. 337,602. 20 Claims. Cl. 77—5.)

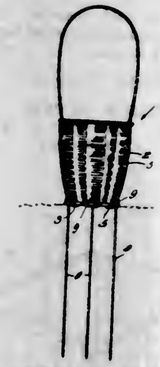
1. A device of the class described, including a combination revoluble drill and countersinking member, a

presser foot member reciprocally mounted in axial alinement with the same and in close proximity thereto, a



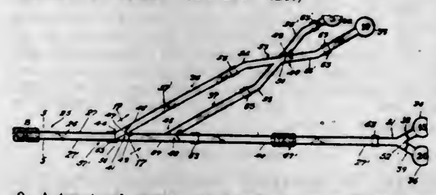
pilot member reciprocally and resiliently mounted in said presser foot member, and means for regulating the movement of said presser foot member.

1,576,139. FLOWER HOLDER. NELLY NELSON SCHNEIDER, Nauvoo, Ill. Filed Mar. 27, 1925. Serial No. 18,812. 1 Claim. (Cl. 47—41.)



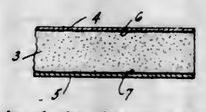
A flower holder comprising a basket, the bottom of said basket comprising a disk-like member, laterally extending ears formed on said disk at spaced intervals, each of said ears being provided with an opening, and a plurality of elongated anchoring pins extending through the openings in the respective laterally extending ears and adapted to enter the ground for supporting the basket in an upright position on the ground, and heads formed on the upper ends of the anchoring pins and engaging the upper face of the respective ears.

1,576,140. TOY TRACK. WILLIAM H. SCHNEIDER, Freeport, N. Y. Filed Sept. 11, 1925. Serial No. 55,665. 9 Claims. (Cl. 273—120.)



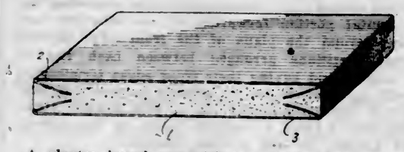
9. A toy track system composed of detachable sections including a section having a plurality of branches a switch pivoted at the junction of the branches of the branch section, means projecting from said switch into the open branch of said section in the path of an article passing into said branch whereby the passage of an article throws the switch, each section having means at one end to engage the end of the next succeeding section.

1,576,141. PLASTER BOARD. JOHN N. SCHUMACHER, Los Angeles, Calif. Filed Nov. 13, 1924. Serial No. 749,676. 2 Claims. (Cl. 154—45.9.)



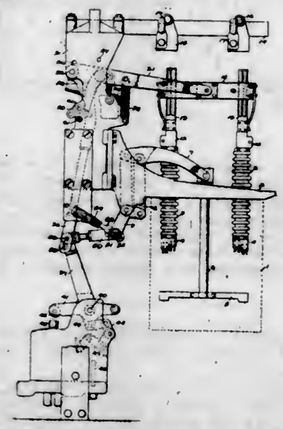
2 An article of the character described comprising a body of quick setting plaster interposed between pliable sheets slowly permeable to moisture, and laminations of retarded plaster disposed on the outer faces of said body and binding said sheets and body.

1,576,142. PLASTER BOARD. JOHN SCHUMACHER, Los Angeles, Calif. Original application filed Nov. 14, 1921, Serial No. 514,914. Divided and this application filed Apr. 13, 1925. Serial No. 22,583. 1 Claim. (Cl. 154—45.9.)



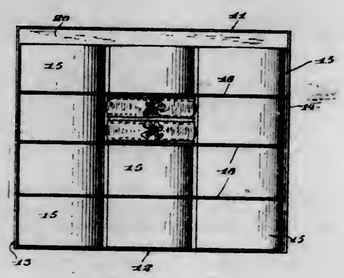
A plaster board comprising a plaster having covering sheets adhering to the outer faces thereof and folded back at an acute angle at the junctions of the side edges and faces of the board so as to cover the corner edges thereof, the extreme ends of the said sheets being folded into and embedded in the plaster so as to expose the plaster at the end faces for the full thickness of the board.

1,576,148. ELECTRIC SWITCH. CHARLES F. SCHWENNKER, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed June 17, 1924. Serial No. 720,086. 10 Claims. (Cl. 200—50.)



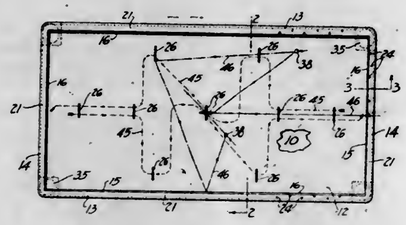
4. In combination, a main switch, fixed contact members secured to the terminals thereof, fixed contacts spaced from said contact members, and a movable member having contacts adapted to slide on the fixed contact members and to engage the spaced fixed contacts.

1,576,144. DISPLAY BOX. BARNEY SHAMAN, New York, N. Y. Filed Aug. 6, 1925. Serial No. 48,537. 2 Claims. (Cl. 211—28.)



1. A display device comprising an open front box-like structure, a plurality of article holders arranged in tiers therein, each holder being formed from an integral blank semi-circular in cross-section and presenting its bowed frontal portion forwardly of the structure and extending beyond the plane of the front edge thereof, horizontal partitions arranged between each tier of article holders and having their front edges terminating flush with said bowed portion of said holders and foldable means positioned at the top of said box-like structure adapted to exert a wedging action to the various tiers of holders for the purpose specified.

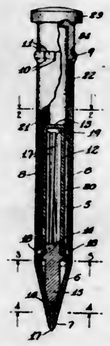
1,576,145. GAME TABLE. ALLEN H. SEARLE, Salt Lake City, Utah. Filed Apr. 3, 1923. Serial No. 629,614. 5 Claims. (Cl. 273—57.)



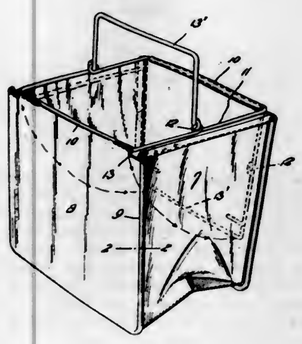
1. A game apparatus comprising a table structure having a plane surface, a coping projecting upwardly from the said surface, a resilient bead extending along the said coping, and a plurality of wickets having resilient properties, positioned in a predetermined arrangement on said table surface within the said coping, each wicket consisting of a core in an elastic jacket or skin.

1,576,146. PENCIL. BERNARD SHELDON, Keyport, N. J. Filed Sept. 27, 1923. Serial No. 665,117. 3 Claims. (Cl. 120—18.)

1. A pencil of the class described comprising a tubular body portion, a member rotatably mounted in connection with one end portion thereof, means for retaining said member in predetermined position with reference to said body, a lead feeding member in threaded engagement with said rotatable member and keyed to said body portion whereby the rotation of said first named member will move the second named member longitudinally of said body portion, said second named member being tubular in form and provided therein with a storage chamber for leads, and a plug controlling the admission to said chamber, said plug being provided at its free end with means for receiving and frictionally supporting a lead.



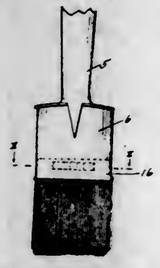
1,576,147. COLLAPSIBLE BUCKET. THOMAS LEO SHELL, Tulsa, Okla. Filed Mar. 3, 1925. Serial No. 12,830. 3 Claims. (Cl. 150—48.)



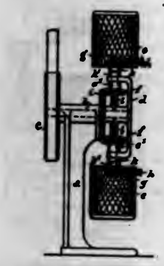
1. A bucket of the class described including a pair of relatively rigid sides, a strip of flexible material connecting the sides, the edges of the sides at the opening of the bucket being provided with sleeves, a U-shaped resilient frame having its intermediate portion revolvably mounted in one of the sleeves and its side provided with inwardly extending fingers engageable with the other sleeve for holding the receptacle in an extended position.

1,576,148. PAINTBRUSH. HARRY SHULMAN, New York, N. Y. Filed June 11, 1925. Serial No. 36,315. 2 Claims. (Cl. 15—192.)

1. A paintbrush comprising a split tubular ferrule, a locking member in said ferrule, said member comprising a bent metallic strip having a relatively long section extending across and secured to the contiguous edges of the ferrule, portions at opposite ends of said section extending at right angles from said section and to the opposite wall of the ferrule, said portions being secured to said opposite wall and bristles secured in and projecting from said ferrule.



1,576,149. PROCESS AND APPARATUS FOR THE MANUFACTURE OF HOLLOW OBJECTS OF CHOCOLATE. RICHARD SIEGERT, Dresden, Germany. Filed Dec. 24, 1924. Serial No. 757,957. 5 Claims. (Cl. 107—8.)



1. A process for the manufacture of hollow bodies of chocolate-mass which consists in partly filling double-moulds with liquid chocolate-mass, inserting said filled moulds in receptacles, imparting a planetary motion to said receptacles and imparting to the latter simultaneously with said motion a springing or jumping movement.

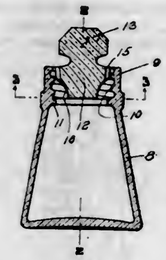
3. In an apparatus for the manufacture of hollow bodies of chocolate-mass, in combination with double-moulds partly filled chocolate-mass, of means for receiving said filled double-moulds, means for imparting a planetary motion to the moulds mentioned and means for imparting a springing or jumping movement to said molds during the planetary motion mentioned.

1,576,150. WINDSHIELD PANEL AND WEATHER SILL. EMORY GLENN SIMPSON and ALBERT HABERER, Detroit, Mich., assignors to Fisher Body Corporation, Detroit, Mich., a Corporation of New York. Filed Mar. 17, 1924. Serial No. 699,843. 4 Claims. (Cl. 296—93.)

4. In windshield and window construction, the combination of a fence of deformable material having a hollow sealing portion and a metal windshield panel provided with an inverted V groove, the top of the V groove forming a support for the glass and the bottom of said V groove arranged to fit over the deformable fence for distorting the same.



1,576,151. SHAKER FOR SALT OR OTHER MATERIAL. EDWIN E. SLICK, Pittsburgh, Pa. Filed Apr. 25, 1925. Serial No. 25,778. 5 Claims. (Cl. 65—45.)

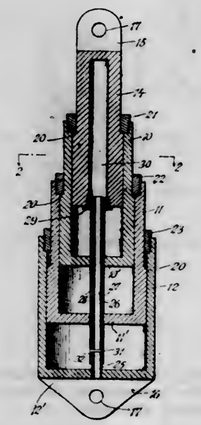


1. A shaker for salt or other material, comprising a hollow body having a base with a threaded opening in the end opposite said base and a plug threaded into said opening and provided with longitudinal channels or grooves which extend inwardly beyond the plug threads and form relatively short passages for discharging material directly from the hollow body when the shaker is inverted.

1,576,152. SHOCK ABSORBER. RUDOLPH C. G. STAATSOELS, Brooklyn, N. Y. Filed July 11, 1924. Serial No. 725,411. 5 Claims. (Cl. 267—65.)

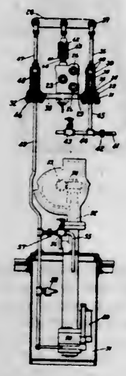
5. A shock absorber for automobiles comprising a plurality of vertically disposed cylinders fitting telescopically into one another, a plunger fitting into the top cylinder, a tube fixed at its lower end in the bottom of the lower cylinder, a sleeve surrounding said tube, said sleeve and tube extending upward through the bottoms of the upper cylinders, said sleeve being frictionally engaged at its upper end with the said plunger, a pin fixed in said sleeve and passing through short vertical slots in the

said tube to limit sliding movement of the sleeve on the tube, said sleeve and tube having rows of apertures spaced substantially throughout the length thereof, said



apertures being adapted to be moved into and out of registry with one another by sliding movement of the sleeve on the tube.

1,576,153. GOVERNING MECHANISM FOR PRIME MOVERS. REGINALD G. STANDERWICK, Marblehead, Mass., assignor to General Electric Company, a Corporation of New York. Filed Mar. 4, 1924. Serial No. 696,872. 8 Claims. (Cl. 264—14.)



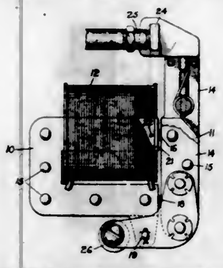
1. The combination with a prime mover, a driven machine, and valve mechanism controlling the flow of actuating fluid to the prime mover, of means for regulating said valve mechanism comprising a fluid-actuated motor, a pilot valve, a lever connected to the pilot valve, a movable abutment connected to said lever, a conduit which conveys pressure from the driven machine, a conduit connecting the first named conduit to said movable abutment, and means defining passages of restricted area in the first-named conduit on opposite sides of the connection of the second named conduit therewith, one of such means being adjustable to vary the size of the passage.

1,576,154. SIGN HOLDER. SAUL STEINMAN, Shelton, Conn., assignor of one-half to Mathew Kuzak, Shelton, Conn. Filed Mar. 20, 1925. Serial No. 17,021. 3 Claims. (Cl. 40—146.)



1. A sign holder comprising a vertically extensible standard made up of complemental sections provided at their outer ends with sleeves of polygonal cross section, the lower section being provided at its top with a head having slots, one of which slidably receives the upper section, a supporting prop having its upper end slidably positioned in the other slot in said head, and horizontally extensible sign engaging means carried by said sleeves.

1,576,155. ELECTROMAGNET. HARRY M. STEVENS, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed May 24, 1924. Serial No. 715,760. 7 Claims. (Cl. 175—338.)



1. An alternating current electromagnet comprising relatively fixed and movable cooperating magnetic members, characterized by the fact that said electromsgnet is provided with three triangularly spaced portions projecting from the cooperating pole faces of said members whereby to provide a three point bearing between said members when the electromagnet is energized.

1,576,156. METHOD OF PERMANENTLY MARKING TIRE CASINGS. ALOIS P. SWOBODA, New York, N. Y. Original application filed Dec. 24, 1919, Serial No. 347,056. Divided and this application filed May 26, 1923. Serial No. 641,785. 3 Claims. (Cl. 18—61.)



1. The method of producing a tire casing having a distinctive character thereon which is of a color contrasting with the color of the casing, said method consisting of building up a tire carcass with independent

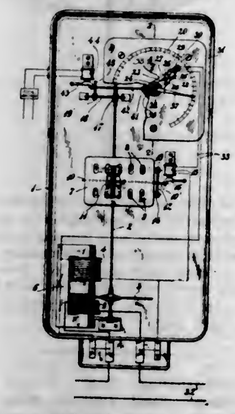
and superposed thicknesses of unvulcanized rubber which extend substantially around the entire periphery of the carcass, and vulcanizing the tire carcass whereby the two superposed thicknesses of differently colored rubber are joined together in a homogeneous mass, portions of the outer thickness of rubber being removed to provide openings of distinctive configurations through which corresponding portions of the inner thickness of rubber are displayed.

1,576,157. AUTOMOBILE LICENSE SIGN. CHARLES F. TAYLOR, Fortuna, Calif. Filed Feb. 21, 1922. Serial No. 538,178. 1 Claim. (Cl. 40—133.)



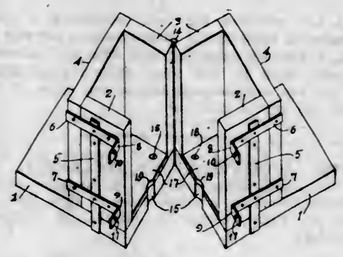
An illuminated license sign holder comprising an elongated parallelepiped casing, said casing including a door which forms the forward side thereof, said door being hinged to the bottom wall of the casing, and when in closed position adapted to bear at its inner side against the forward edges of the bottom, top and end walls of said casing, said door being formed with a plurality of openings of predetermined form, corresponding to the shape of suitable numerals and indicia, a glass plate mounted on and against the inner side of the door, over the portion formed with said opening to provide a backing therefor, and a fastener having a pair of hinged members, one of which is fixed to the free edge portion of the door, at the central portion of the upper edge of said door, and the other hinged member adapted to swing over the top wall of the casing, and a screw carried by the last mentioned hinged member of the fastener adapted to threadably engage an opening in the top wall of the casing and draw the hinged member toward the casing and the door tightly against the forward edges of said casing.

1,576,158. EXCESS-REGISTERING METER. OTTO TEMPERLI, Zug, Switzerland, assignor to Landis & Gyr A.-G., Zug, Switzerland. Filed Oct. 30, 1923. Serial No. 671,817. 2 Claims. (Cl. 171—34.)



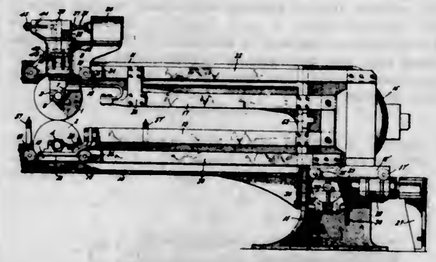
1. In an excess registering meter a spindle mounted for rotation, an element thereon, a core having a pressure coil and a current coil between which the said element is arranged, a pair of counter mechanisms, means to alternately operate said counter mechanisms including a shiftable element, a maximum time pointer, a spring to return the pointer to initial position, means including a shiftable element connecting said spindle to said pointer to cause the latter to be moved by the spindle, electrically operated means to control the last named shiftable element, electrically operated means to control the first named shiftable element and included in open circuit with the pressure coil, and a switch arranged for operation by the said pointer to close said circuit when said pointer reaches a predetermined position.

1,576,159. DEVICE FOR GREASING HOISTING ROPES OR CABLES. GEORGE TIMMERMAN, Staunton, Ill. Filed July 20, 1925. Serial No. 44,789. 1 Claim. (Cl. 184—15.)



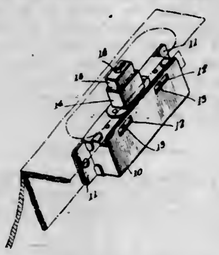
In a device of the character described, a container comprising sections hinged together having an open top and an opening in the bottom thereof for the passage of a cable, a cover to protect the base of said container and having an opening of smaller diameter than the opening in said base to prevent the escape of lubricant from the container, and means for clamping said sections of the container together, said container when clamped together about a cable adapted to receive a supply of lubricant.

1,576,160. LINE-WELDING MACHINE. HARRY W. TOBEY, Pittsfield, Mass., assignor to General Electric Company, a Corporation of New York. Filed Apr. 11, 1924. Serial No. 705,940. 16 Claims. (Cl. 219—4).



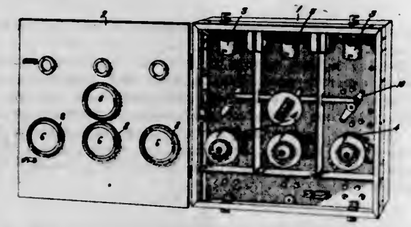
1. A line welding machine comprising an electrode disc for conducting welding current into the work, a bearing in which the disc is rotatably mounted, a carriage for supporting said bearing, means carried by said carriage for moving said bearing to force said disc into engagement with the work or disengage it from the work, an arm provided with guide ways, rollers on said carriage arranged to move in said guide ways to support and guide the carriage and transmit to said arm the reaction due to pressure upon the work and means for moving said carriage along said arm comprising a bar pivotally connected to said carriage.

1,576,161. BAG-FRAME LOCK. HUGO TUECKMANTEL, Newark, N. J., assignor to T & L Co., Inc., Newark, N. J., a Corporation of New Jersey. Filed Feb. 28, 1924. Serial No. 695,654. 5 Claims. (Cl. 70—2.)



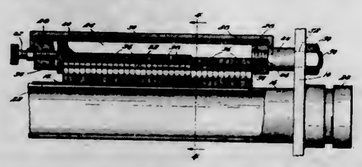
1. A key operated bag lock comprising a casing, a slide movable transversely therein, a bolt movable in said casing, a key for actuating said bolt, and an unbroken key guide fixed in said slide extending longitudinally from the key entrance opening to the plane of application of the key to said bolt.

1,576,162. HIGH-FREQUENCY APPARATUS. ARTHUR F. VAN DYCK, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Mar. 31, 1922. Serial No. 548,481. 8 Claims. (Cl. 250—14.)



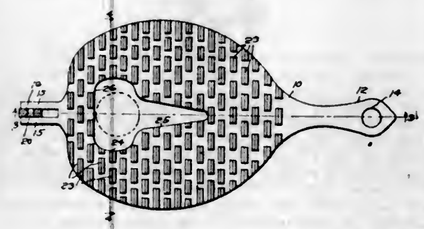
1. The combination in an apparatus for controlling high frequency currents of a casing, control devices within said casing and mounted thereon, handles for adjusting said control devices, a door for said casing having openings therein through which said handles project, said openings being of such size that the door can be opened without removal of the handles, and means associated with said handles and located inside said door for completely closing the openings in the door when the door is closed.

1,576,163. VACUUM SEAL FOR VACUUM CLOTH HYDROEXTRACTORS. GEORGE W. VOELKER, Woonsocket, R. I. Filed Dec. 5, 1924. Serial No. 754,167. 9 Claims. (Cl. 34—48.)



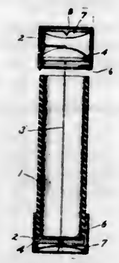
1. In a machine for extracting liquid from cloth or other material, in combination, a suction pump, a hollow member connected to said suction pump having a longitudinal slot on the upper surface thereof, means for drawing the cloth spread out endwise over the slot in said member and combined gravity and atmospheric pressure actuated means for automatically sealing the vacuum between the ends of the slot in the slotted member and the selvages of the cloth, comprising a series of metallic annular discs mounted contiguously to each other to have individual up and down relative movement on frames attached to the machine over each end of the slot in the slotted member so as to have the peripheries of some of said disks rest on the cloth for a distance near the end over the selvage edge thereof only and the peripheries of other adjacent disks rest for a distance beyond over the entire adjacent ends of the slotted member unsealed by the cloth.

1,576,164. MEAT TENDERER. JAMES C. WAFFORD, Charlotte, N. C. Filed Nov. 24, 1925. Serial No. 71,046. 3 Claims. (Cl. 17—28.)



1. A meat tenderer comprising a pair of pivotally connected plate members, one plate member having inwardly projecting teeth, the plate member having the teeth being provided with a combined round bone and T-bone receiving opening.

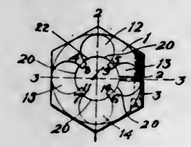
1,576,165. ELECTRIC FUSE AND METHOD OF MAKING SAME. ALBERT F. WEISE, Bridgeport, Conn., assignor to General Electric Company, a Corporation of New York. Filed Sept. 10, 1924. Serial No. 736,982. 5 Claims. (Cl. 200—132.)



1. An electric fuse comprising an insulating housing provided with terminal caps having elastic side walls embracing the end portions of said housing, a link of fusible metal within said housing and mechanically connected at its ends to said caps, said mechanical connection being made by a soft metal disk expanded within said caps so as to bind the link ends to and initially tension the side walls of said caps.

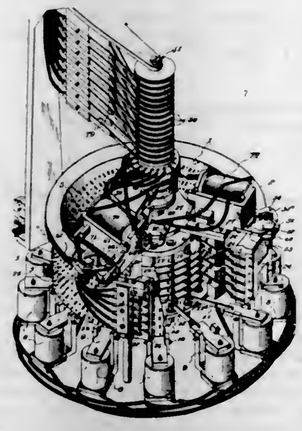
1,576,166. HEXAGONAL DIE. FRANK O. WELLS, Greenfield, Mass. Filed July 3, 1924. Serial No. 723,894. 7 Claims. (Cl. 10—118.)

1. A thread forming die comprising a one piece member which is formed with an opening therethrough with radially arranged projections extending into the opening and having thread forming teeth on the projections and a plurality of cone shaped recesses extending from the outer opposite surfaces of the die and terminating in an



arc shaped surface or edge back of the thread forming teeth or cutting edges of the lands and in a plane midway between the opposite faces.

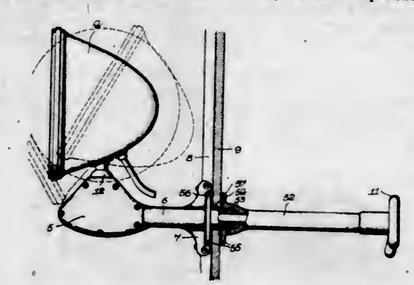
1,576,167. STORING TRANSMITTER. EVAN R. WHEELER, North Plainfield, N. J., and ROBERT F. DIRKES, Jamaica, N. Y., assignors to The Western Union Telegraph Company, New York, N. Y., a Corporation of New York. Filed May 9, 1925. Serial No. 29,158. 9 Claims. (Cl. 178—17.5.)



1. In a telegraph system, a signal storing transmitter, comprising a stationary drum or cylinder, a series of sets or groups of permutation elements positioned upon axial planes of the cylinder and slidably mounted in radial apertures therein, a setting-up or selecting carrier rotatable about the axis of said cylinder, selectable members mounted on said carrier for successive engagement with said sets of elements, a transmitting carrier rotatable axially of said cylinder, and circuit closers positioned on said transmitting carrier for engagement successively with the selected elements.

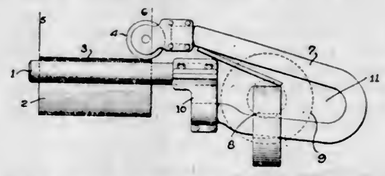
1,576,168. SPOTLAMP. CAMERON A. WHITSETT, Chicago, Ill., assignor to Fyrac Manufacturing Company, Rockford, Ill., a Corporation of Illinois. Filed Aug. 15, 1921. Serial No. 492,275. 25 Claims. (Cl. 240—61.)

1. In combination, a rotatable and rockable stem, a lamp mounted on said stem, an operating shaft extending substantially at right angles to said stem, and motion transmitting means connecting said stem with said shaft and comprising a pair of cooperating gears whereby said shaft is operative to axially rotate said stem through said gears, said motion transmitting means also comprising mechanism whereby axial reciprocation



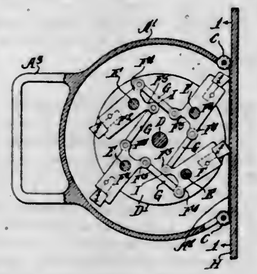
of said shaft is operative to rock said stem in a substantially vertical plane extending approximately parallel with said shaft.

1,576,169. METHOD OF ELECTRIC WELDING. HERBERT ADDISON WOOFTER, Swampscott, Mass., assignor to Thomson Electric Welding Company, Lynn, Mass., a Corporation of Massachusetts. Filed Feb. 3, 1925. Serial No. 6,515. 3 Claims. (Cl. 219—10.)



1. In an electric seam welding apparatus wherein a movable electrode has a flexible terminal of the secondary directly attached to and supplying current to said electrode, the method of compensating for the increased absorption of power by the work as the length of seam increases consisting in automatically decreasing the air gap between a portion of said flexible secondary and the transformer core to automatically produce a practically constant welding current in all positions of said electrode.

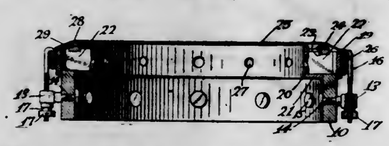
1,576,170. PLATE-SCRAPING MACHINE. HUBERT F. YELDING, Philadelphia, Pa., assignor to The United States Metallic Packing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 11, 1924. Serial No. 685,639. 3 Claims. (Cl. 29—81.)



1. A plate scraping machine having in combination a rotating tool carrier, a multiple series of symmetrically disposed pivots carried thereby, a series of tools carried by said pivots and means connecting said tools in series

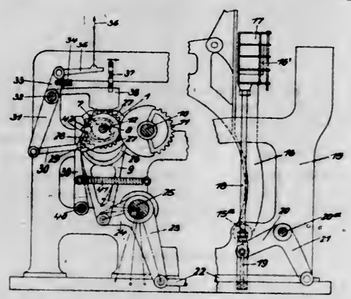
as described and so that an angular movement of a tool on its pivot will communicate angular movement in a reverse direction to the adjacent tools whereby the tools are brought successively into contact with the plate to be scraped and whereby each tool is held pressed against the work while an adjacent tool is in contact therewith.

1,576,171. BANJO-HEAD SUPPORTS. VICTOR E. ADLER, Los Angeles, Calif. Filed Apr. 13, 1925. Serial No. 22,756. 12 Claims. (Cl. 84—272.)



1. In a banjo, an annular body and a head supporting device supported upon said body comprising an outside ring, an inside ring, webs connecting said rings and resting upon the top of said body, a supporting ring resting upon the top of said webs, and a head supported upon said supporting ring.

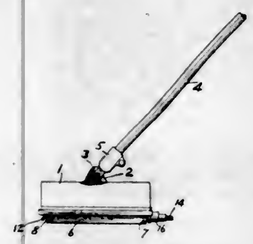
1,576,172. SHUTTLE-BOX-SELECTING MECHANISM FOR SHUTTLE BOXES WITH MORE THAN TWO COMPARTMENTS. WALTHER BOSHECK, Plauen, Germany, assignor to the Firm: Vogtlandische Maschinenfabrik (vormals: J. C. & H. Dietrich) Aktiengesellschaft, Plauen, Germany. Filed Mar. 19, 1924. Serial No. 700,239½. 7 Claims. (Cl. 139—178.)



1. A shuttle change-box mechanism for looms, comprising in combination, a lifting-wheel, a member located in said wheel and having two oppositely located teeth forming catch-teeth, and a cam disk adapted to be turned alternately forward and rearward, and means adapted to turn said cam-disk back into its initial position after the completion of every cycle of operations, substantially as set forth.

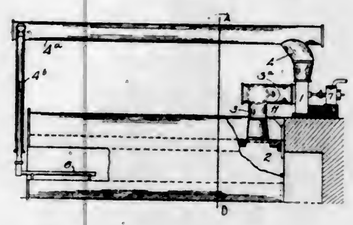
1,576,173. FLOOR WAXER AND POLISHER. WILLIAM F. H. BRAUN and EVELYN P. BRAUN, Wynnewood, Pa., assignors to W. F. Harold Braun and Thomas R. Powell, trading as The Dixie Company, Lansdowne, Pa. Filed Aug. 1, 1925. Serial No. 47,414. 2 Claims. (Cl. 15—118.)

1. A floor waxer and polisher comprising a hollow housing of the general form of a semi-cylinder provided with ears and a stop, a handle pivotally connected with the ears and co-operating with the stop, a generally rectangular open ended pad carrier adapted to turn in the housing and to be connected and disconnected therewith, end bars movable in respect to the ends of the pad carrier and adapted to afford clearance at their sides and of which one is provided with a pivot element adapted for co-operation with a pivot element provided on one end wall of the housing and of which the other is provided with a keyway, a spring pressed turnable and endwise movable key provided at the other end wall of the housing and adapted to detachably engage the key-



way and lock mechanism for the key comprising a projection on the key and a pair of confronting angularly disposed notches adapted to co-operate with the projection and provided at the last mentioned end wall of the housing.

1,576,174. FURNACE. THOMAS WILLIAM CASHMAN, London, England. Filed Nov. 8, 1923. Serial No. 673,617. 1 Claim. (Cl. 110—49.)

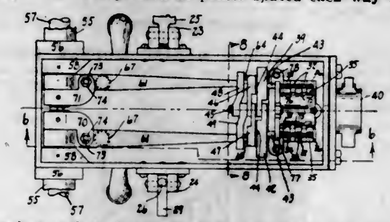


Means for effecting smoke consumption in a battery of furnaces whereby the whole smoke of any of the furnaces can be passed through the fire of any other of the furnaces, comprising in combination with furnace flues which lead directly to the chimney and are provided with dampers, a transverse conduit, short vertical pipes connecting the flue of each furnace to said transverse conduit, a common shaft longitudinally disposed above said furnaces and connected to said transverse conduit, a transverse branch pipe connected to said shaft, down pipes leading from said branch pipe to beneath the grates of the furnaces, means for controlling the entrances of said vertical pipes and the exits of said down pipes, and means for forcing flue gases through the pipe system, the whole system of pipes, conduits and shaft being external of the furnaces and the boilers associated therewith, substantially as described.

1,576,175. RAIL-CONTACT CIRCUIT CONTROLLER. JAMES E. CLOUGH, La Grange, and WILSON H. STILWELL and ARTHUR R. FUGINA, Louisville, Ky. Filed Oct. 11, 1924. Serial No. 743,102. 2 Claims. (Cl. 246—251.)

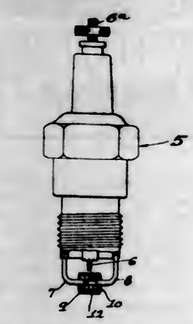
1. In apparatus as characterized, a box, contacts therein, a movable segment, a crank, a pair of pivoted counterweights, a pin extending from said counterweights engaging said crank, a pair of slotted selector links secured to said counterweights, secondary selector levers, selector tips, secured to said secondary selector levers, primary selector levers to engage respectively with opposite sec-

ondary levers to turn the segment on its axis, shafts to the inner ends of which said levers are secured, a rail adapted to be depressed at points spaced each way from



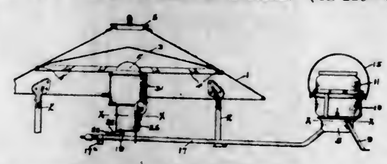
the box and a dog secured on the outer end of each shaft, a toe of the dog bearing on the rail in proximity to the depressible point and opposing movement of the levers except when the rail is depressed.

1,576,176. SPARK PLUG. HARMON E. COREY, Los Angeles, Calif. Filed Mar. 10, 1924. Serial No. 698,043. 1 Claim. (Cl. 123—169.)



A spark plug having a central electrode, a pair of electrodes constituting a second electrode disposed beneath said central electrode and having opposed ends, a sleeve of insulating material mounted upon said opposed ends, and a sleeve of conducting material about said sleeve of insulating material, said conducting material being held in spaced relation to said central electrode.

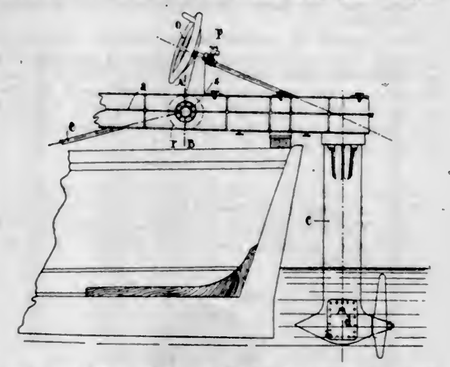
1,576,177. BROODER. GEORGE CUOLEY, Springfield, Ohio, assignor to The Buckeye Incubator Company, Springfield, Ohio, a Corporation of Ohio. Filed June 25, 1923. Serial No. 647,630. 1 Claim. (Cl. 119—32.)



The combination with a canopy for a brooder, of a heat conveyor plate in said canopy with peripheral contact therewith, whereby heat conveyed by the plate will be transmitted to the canopy and carried thereby to its outer extremities, and exit ports in said plate and canopy for the escape of foul gases.

1,576,178. REMOVABLE PROPELLING MECHANISM FOR BOATS. AUGUSTE MARIE CHARLES DE CORTA, Paris, France. Filed Feb. 3, 1925. Serial No. 6,665. 8 Claims. (Cl. 115—17.)

1. Propelling mechanism for boats, comprising a cradle adapted to be secured to a boat; a propeller unit supported upon the cradle and adapted to be tilted about a horizontal axis into and out of the water and to travel

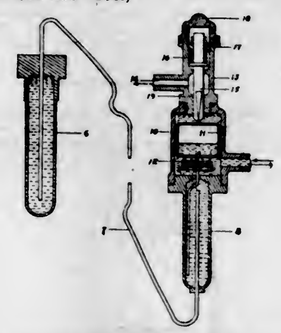


bodily lengthwise of the cradle; and a connecting device for coupling the propeller unit with the engine of the boat to be driven therefrom.

1,576,179. PROCESS OF MODIFYING IGNITION TEMPERATURE, ETC., OF CARBONACEOUS MATERIALS AND SUCH MATERIALS. IRA H. DERBY and CARLETON B. EDWARDS, Indianapolis, Ind., assignors to Peter C. Reilly, Indianapolis, Ind. Filed Aug. 11, 1923. Serial No. 656,914. 25 Claims. (Cl. 44—1.)

1. A new article of manufacture having a relatively low ignition temperature and a relatively high burning rate comprising a carbonized material and a substance containing a metal which catalyzes the combustion.

1,576,180. THERMOSTAT. EUGENE ARSÈNE DIFFINGER, Paris, France, assignor to Etablissements P. Colombier Fils, Paris, France. Original application filed Aug. 18, 1923, Serial No. 658,138. Divided and this application filed May 2, 1924. Serial No. 710,671. 2 Claims. (Cl. 236—100.)

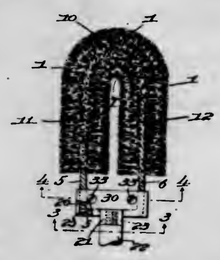


1. In a thermostatic regulator for the control of the flow of liquids, the combination of the following elements; a container provided with a liquid adapted to be vaporized; a second container provided with mercury; a pipe connection between the said two containers; a chamber provided with an inlet and an outlet; a float within said chamber; a pipe connection between the mercury in the said second container and the said float; a conduit connected with the said chamber and provided with an outlet; and a piston mounted in the said conduit and having a groove in its lower end, the said piston being in engagement with the said float and adapted to move therewith.

1,576,181. METHOD OF MANUFACTURING LINOLEUM. GEORG DUBSKY, Lobositz, Czechoslovakia. Filed July 14, 1925. Serial No. 43,614. 1 Claim. (Cl. 106—7.)

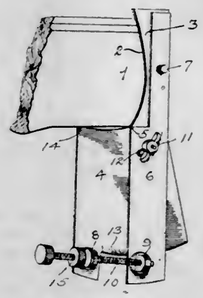
The method of manufacturing linoleum comprising partially oxidizing a drying oil by heating and injecting air into the same until it gelatinizes, adding filling material to the same, injecting air into said mixture at an elevated temperature while continually agitating the same to gently and rapidly complete the oxidation of the linseed oil.

1,576,182. BRUSH. EDWARD F. FLETCHER, Worcester, Mass., assignor to Worcester Brush and Scraper Company, Worcester, Mass., a Corporation of Massachusetts. Filed Apr. 5, 1924. Serial No. 704,515. 1 Claim. (Cl. 15—206.)



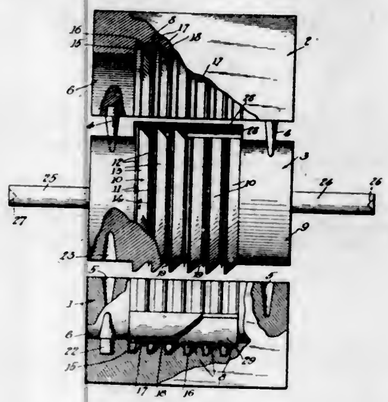
A metallic brush for use on boilers, furnaces, iron work and the like, comprising a twisted bristle carrying core of substantially U-shaped form, the terminal portions of the legs of the core being bent inwardly at right angles toward each other into alinement, a holding and locking clamp for said alined members, comprising a pair of rectangular metallic blocks, one of said blocks having formed therein a substantially U-shaped groove and having a threaded handle receiving device formed integral therewith, the second block being provided with substantially U-shaped grooves cooperating with the U-shaped groove in the first block, and together acting as a clamp for the wire elements, and adjustable and removable means extending through said blocks and near each end thereof for holding said blocks in close association.

1,576,183. HEEL GAUGE. WILLIAM FOLLET, Dayton, Ohio, assignor to The Crawford, McGregor and Canby Company, Dayton, Ohio, a Corporation of Ohio. Filed June 20, 1921. Serial No. 478,952. 10 Claims. (Cl. 33—4.)



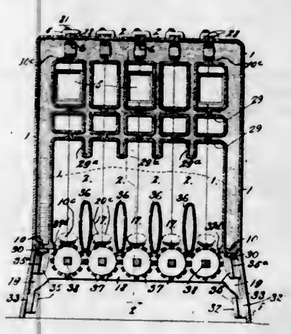
2. In a heel gauge for shoe lasts, a supporting member engageable with a predetermined portion of the last to be gauged, and an arcuate template carried thereby and adjustable to various positions angular to said member to vary the pitch of the template curve with the supporting member.

1,576,184. MOLD FOR MAKING RUBBER GOODS. HAROLD A. FREEMAN, Los Angeles, Calif. Filed Apr. 10, 1924. Serial No. 705,539. 3 Claims. (Cl. 18—35.)



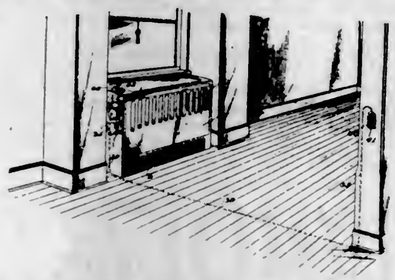
1. A mold for forming and vulcanizing rubber goods comprising means forming annular pockets, a circular core having flanges extending into the pockets, the pockets being shaped to form the outer side of the articles and the core being shaped to form the inner side of the articles, the pockets being side by side so as to produce a plurality of the articles surrounding the core, and adapted to be separated.

1,576,185. STEAM AND HOT-WATER BOILER. IRWIN J. FRENCH, Pittsburgh, Pa., assignor of one-half to Albert C. Good, Wilkinsburg, Pa. Filed Dec. 12, 1922. Serial No. 606,368. 2 Claims. (Cl. 122—223.)



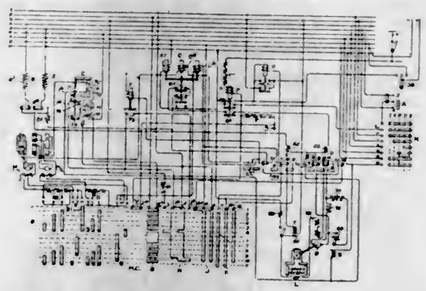
1. A boiler composed of end and intermediate sections fitted together side by side and enclosing a fire box, surrounded top, sides and ends by a water space, a base and grate structure over which said sections set, said base and grate structure including cylindrical-cage grate elements extending from front to back with their axes substantially aligning with the joints between said sections, said cages projecting up above the bottom plane of said sections, vertically elongated water tubes extending from the front to the back of said intermediate sections through the fire box and communicating with said water spaces, said tubes projecting between said adjacent pairs of cylindrical-cage grate elements and extending below the level of the top of said grate elements into proximity with the same.

1,576,186. THERMOSTATICALLY-OPERATED RADIATOR CASING. WESTON M. FULTON, Knoxville, Tenn., assignor to The Fulton Company, Knoxville, Tenn., a Corporation of Maine. Filed Feb. 11, 1921. Serial No. 444,224. 16 Claims. (Cl. 236—38.)



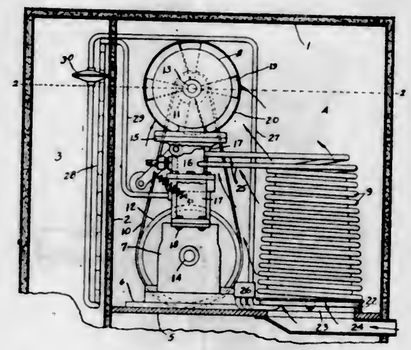
1. In combination with a radiator casing provided with means for controlling the flow of air therethrough, means for operating said controlling means including a thermostat comprising a motor element in said casing where it is maintained by the radiator at a temperature above that in the space to be heated, said motor element being operatively connected to said controlling means, and a container for a thermosensitive fluid in communication with said motor element and positioned exteriorly of said casing where it is subjected to the temperature of the space to be heated.

1,576,187. SYSTEM OF ELECTRIC-MOTOR CONTROL. HAMMOND C. HASTINGS and EDWARD B. TUPPER, Rugby, England, assignors to General Electric Company, a Corporation of New York. Filed Oct. 11, 1924. Serial No. 743,106. 4 Claims. (Cl. 172—179.)



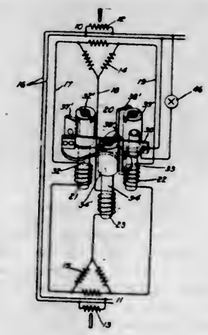
2. In combination, a main controller arranged to be advanced step by step for starting electric motors a current limit device for causing the step by step advance of the main controller to be normally under the control of the motor current, a multi-position manually operated master controller for cooperating with said current limit device to determine at will the limit to which said main controller is automatically advanced under the control of said device, and means whereby said main controller is caused to advance step by step independently of the motor current by advancing the said master controller to a definite position and returning the master controller to a preceding position.

1,576,188. REFRIGERATING APPARATUS. DELOS P. HEATH, Detroit, Mich. Filed Mar. 6, 1924. Serial No. 697,182. 4 Claims. (Cl. 62—116.)



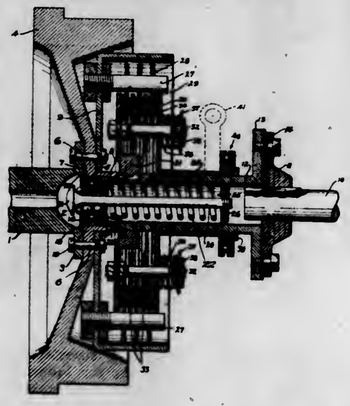
3. In a refrigerating apparatus, a chamber having an air inlet and an air outlet, means for inducing a flow of air through said chamber from said inlet to said outlet, and a refrigerant condenser within said chamber in close proximity to said inlet having the form of a coiled pipe with substantially coaxial convolutions, and having the space within said convolutions substantially registering with said inlet, whereby the incoming air flows directly axially into and through said convolutions, and is sufficiently confined thereby to insure its distribution to all of said convolutions.

1,576,189. SYSTEM FOR THE TRANSMISSION OF ANGULAR MOTION. EDWARD M. HEWLETT and WALDO W. WILLARD, Schenectady, N. Y., assignors to General Electric Company, a Corporation of New York. Filed May 12, 1922. Serial No. 560,512. 7 Claims. (Cl. 177—337.)



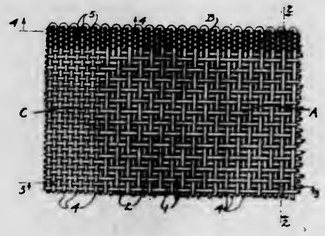
1. A system for the transmission of angular motion comprising an electrical transmitting device, an electrical receiving device responsive to movement of said transmitting device, electrical connections between said devices in which currents are set up upon angular disagreement between them, and indicating means actuated by the combined effects of said currents in such manner as to be operated upon the occurrence of a predetermined maximum current in any one of said connections.

1,576,190. CLUTCH MECHANISM. HARRY H. JACKSON, Los Angeles, Calif., assignor of one-fourth to James V. Baldwin, one-fourth to Andrew E. Baldwin, and one-fourth to Bernard H. Sonntag, all of Los Angeles, Calif. Filed Aug. 11, 1924. Serial No. 731,337. 13 Claims. (Cl. 192—69.)



8. In clutch mechanism, a driving shaft, a driven shaft, a cone clutch fly wheel secured to said driving shaft, and disc clutch mechanism interposed between said fly wheel and said driven shaft and having one end thereof fixed to said fly wheel.

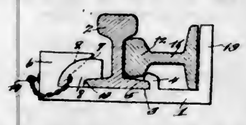
1,576,191. BAG, WOVEN FABRIC, AND METHOD OF MAKING THEM. WILLIAM O. JELLEMS, Passaic, N. J., assignor to Brighton Mills, a Corporation of New Jersey. Filed July 24, 1923. Serial No. 653,539. 6 Claims. (Cl. 139—389.)



1. A tubular fabric comprising a portion having two sets of warp yarns, a part of the filler yarns being interwoven with one set of warp yarns and another part of the filler yarns being interwoven with the other set of warp yarns to form a tubular part, and a portion at the side thereof wherein the warp yarns are relatively fine, and all said filler yarns are interwoven with said relatively fine warp yarns to constitute a hard and dense fin.

1,576,192. HOLDING CHAIR FOR RAILS. FRANK JENNINGS, Winslow, Ind. Filed Oct. 16, 1923. Serial No. 668,816. 5 Claims. (Cl. 238—10.)

1. In a rail holding device, a chair provided with a seat, an upright rail disposed with its base engaging the seat, means rising from the seat and overlying one side of the base of the upright rail, said chair having a wall overlying the opposite side of the base of the upright rail, a wedge key engaging between the overlying wall and the base of the upright rail, a rail section



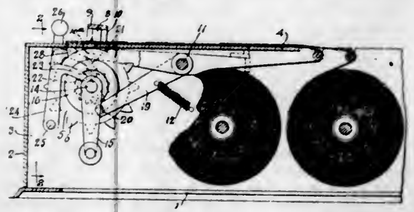
constituting a track rail retaining element disposed whereby its ball may engage with the upright track rail, and means for retaining the rail section in position.

1,576,193. LICENSE-PLATE HOLDER. PETER JOHN, Milwaukee, Wis. Filed Oct. 17, 1925. Serial No. 63,019. 1 Claim. (Cl. 40—133.)



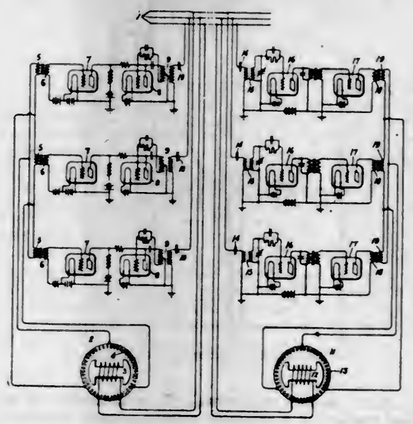
The combination of a box-like member, lamps carried within said member, a cover hingedly mounted upon said member, brackets carried by said member and said cover, screws passing through said brackets and drawing said cover tightly against said member, said cover having a cutaway portion, a transparent plate carried rearwardly of said cutaway portion, clamping means for holding said plate in position, said cover having a flange spaced inwardly from the body of said cover, a license plate positioned between said flange and the body of said cover and having apertures therethrough forming the insignia of said license plate, lugs carried by the lower portion of said license plate, corresponding lugs carried by said box-like body portion and screws passing through said last mentioned lugs, and tending to draw them towards each other.

1,576,194. AUTOGRAPHIC REGISTER. ARTHUR A. JOHNSON, Bridgeport, Conn., assignor to The Egry Register Company, Dayton, Ohio, a Corporation of Ohio. Filed Feb. 9, 1924. Serial No. 691,788. 6 Claims. (Cl. 28—11.)



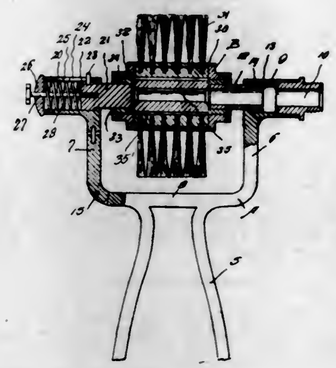
1. In an autographic register, the combination with a platen over which webs are fed, means for feeding said webs, a driver for said means, means for connecting said driver to said feeding means, means adapted to enter apertures arranged along the webs, and means controlled by said last mentioned means for holding said connecting means for the driver and feeding means in operative position so that the webs may be fed a predetermined distance.

1,576,195. SYSTEM FOR TRANSMITTING ANGULAR MOTION. LAWRENCE H. JUNKEN, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Sept. 14, 1925. Serial No. 56,143. 6 Claims. (Cl. 172—239.)



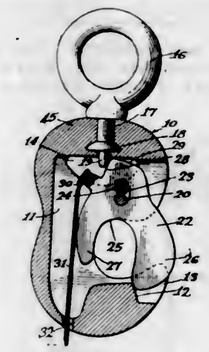
1. In combination, a transmission system, a transmitter and a receiver connected to said system, the transmitter and receiver each including a polyphase stator winding and a polarized rotary member, the connections between one of the stator windings and the transmission system including a plurality of carrier frequency current generators.

1,576,196. ROTARY HAIRBRUSH. RALPH ROY KEMMIS, El Paso, Tex. Filed May 7, 1925. Serial No. 28,713. 3 Claims. (Cl. 15—23.)



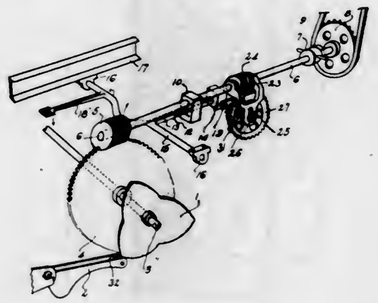
1. In a device of the class described, a frame, comprising a fixed side and a hinged side, means for holding the hinged side in parallelism with the fixed side, casings extending outwardly from the sides coaxially aligned when said sides are in parallelism, pintles in the casings, the pintle in the casing on the hinged side being slidable, means for holding the pintle which is slidable, normally extended, means for retracting the same and a brush adapted to be rotatably supported by said pintles.

1,576,197. SAFETY HOOK. DAVID C. KUPPEL and WADE H. WILLIAMS, Los Angeles, Calif. Filed Feb. 6, 1925. Serial No. 7,268. 5 Claims. (Cl. 294—83.)



4. A safety hook comprising a hook-shaped body, a pin on said body, a member having a slot therethrough through which the pin extends, a spring disposed in said slot urging said member to assume a predetermined position with respect to said pin, means providing a shoulder on said member, and locking means on said body engageable on said shoulder for locking said member in its predetermined position, said member having a finger extending across the entrance to said hook when in said predetermined position, said member being so arranged that it may be caused to slide upon said pin against the action of said spring so as to disengage said shoulder from said locking means, and thus permit said finger to be swung outwardly from the entrance to said hook.

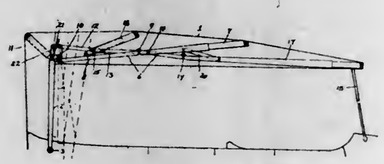
1,576,198. AUTOMATIC BUNCH BUILDER. JOHN F. LEHMAN, Birmingham, Ala., assignor, by mesne assignments, to Holcombe Textile Equipment Co. Inc., Birmingham, Ala., a Corporation of Alabama. Filed Apr. 5, 1924. Serial No. 704,505. 7 Claims. (Cl. 242—43.7.)



1. A bunch building mechanism for spinning frames having a main builder cam, a drive therefor adapted to be interrupted to free the builder cam, and a pitman, which, responsive to the weight of the ring rail, will engage and move the cam until it engages a low point

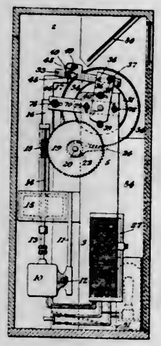
thereof in combination with bunch building means automatically operative on starting up the frame to repeatedly free the builder cam after a predetermined partial operation of the pitman until the desired bunch has been built on the feeler wood of the quills on the ring rail.

1,576,199. TOP FOR VEHICLES AND THE LIKE. FRED K. LEWIS, Ashtabula, Ohio. Filed Nov. 15, 1920. Serial No. 424,077. 1 Claim. (Cl. 296—116.)



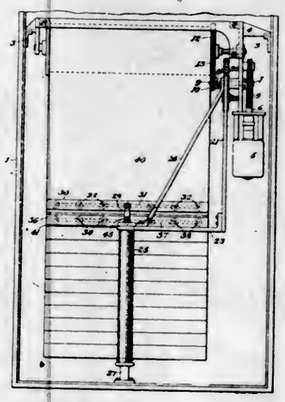
In a top for vehicles and the like, the combination of a single main support pivotally attached to the body of the vehicle and adapted to stand approximately vertical in the open position of the top, a rearwardly inclining supplemental bow pivotally attached to said support adjacent the upper end thereof, and disposed to form the upper rear corner of the top when opened, a forwardly extending articulated auxiliary bow also pivotally attached to said support, a second supplemental bow pivotally attached to the rear portion of said auxiliary bow, a link connecting said second supplemental bow with the forward portion of said auxiliary bow, a second link connecting said first-named link with said support, and another link operatively connecting said second link with said first supplemental bow, whereby all said bows are caused to move in unison towards and from said support.

1,576,200. ADVERTISEMENT-DISPLAYING MECHANISM. LESLIE R. MCDONALD, Montreal, Quebec, Canada. Filed Dec. 21, 1922. Serial No. 608,208. 32 Claims. (Cl. 40—35.



1. In a display apparatus, the combination of a rotatable placard carrier, a series of flexible placards, having free ends of the normal thickness of the placards rolled around the carrier, roll keepers and means for adjusting the roll keepers radially of the carrier.

1,576,201. DISPLAY APPARATUS. LESLIE R. MCDONALD, Montreal, Quebec, Canada. Filed July 7, 1925. Serial No. 41,908. 12 Claims. (Cl. 40—35.)



1. In a display apparatus, the combination of rotating means and a rotatable placard carrier, a series of flexible placards each attached by one end thereto and partially rolled thereupon with their free ends depending therefrom, and auctional means for engaging and lifting the free end of a placard.

1,576,202. METHOD OF OPERATING MALE AND FEMALE MOLDS HAVING STRIPPER PLATES. WALTER MCLAREN, Dayton, Ohio, assignor to The McLaren Products Co., Dayton, Ohio, a Corporation of Ohio. Filed June 23, 1924. Serial No. 721,857. 3 Claims. (Cl. 107—54.)



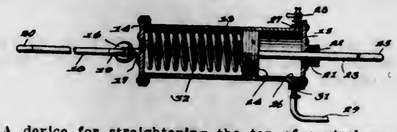
1. The method of extracting pastry products from male and female molds having stripper plates on the male element, said method including the steps of detaching the stripper plate from the baked product before using the stripper plate to detach the baked product from the male element.

1,576,203. MOP. RINSAI MAEDA, Seattle, Wash. Filed Dec. 20, 1924. Serial No. 757,261. 1 Claim. (Cl. 15—229.)



A mop comprising a plurality of independent sections, of different lengths and composed of mop strands, bands on the several sections, holding the mop strands in place, a removable band securing the sections in superimposed relation with the ends of the sections in stepped relations.

1,576,204. PULLING JACK. ROBERT A. MAXEY, Williamson, W. Va. Filed Dec. 6, 1923. Serial No. 678,947. 1 Claim. (Cl. 153—32.)



A device for straightening the top of a steel car including a cylinder presenting a stuffing box at one end and a ring at the other end, said cylinder being adapted to be disposed horizontally between the sides of the car, a pulling hook having one end secured to the said ring and its other end adapted to be hooked over the side of the car for anchoring the cylinder thereto, a plunger rod slidably supported in the said stuffing box and having its outer end provided with a hook adapted to be engaged with the opposite side of the car, a plunger at the inner end of the said plunger rod, a spring in expansion between the face of the plunger and the adjacent end of the cylinder and means for introducing fluid pressure into the cylinder and rearwardly of the plunger for moving the latter inwardly against the action of the said spring for drawing together the sides of the car.

1,576,205. CANDLE. MARY A. MERTENS, Syracuse, N. Y., assignor to Will & Baumer Candle Company Incorporated, Syracuse, N. Y., a Corporation of New York. Filed Oct. 22, 1925. Serial No. 64,131. 3 Claims. (Cl. 41—36.)



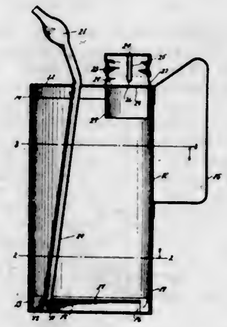
1. The herein described method of applying a decoration to candles consisting in applying to the body of the candle a lacquer, painting the desired design on said lacquered surface, then covering the painted design with an adhesive material to form a sticky surface, and while in its wet condition, applying pulverized crystals thereto, and allowing it to dry.

1,576,206. CUSHION-TIRE STRUCTURE. FRANK H. MEYER, Warren, Ohio. Filed Nov. 25, 1922. Serial No. 603,289. 8 Claims. (Cl. 152—1.)



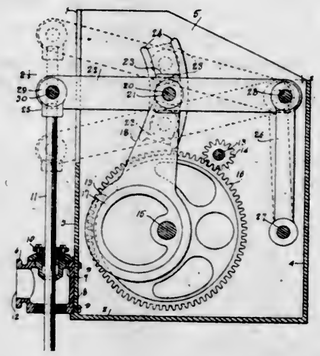
6. A cushion tire structure comprising a pair of side sections, having an arched cushion tire secured thereto, a spacing and locking member positioned between said sections, said member and sections being formed with complementary interlocking means to substantially prevent relative lateral and circumferential movement of the sections.

1,576,207. PRIMING CAN FOR STOVES. CLYDE W. MUMMERT, Chicago, Ill. Filed July 9, 1925. Serial No. 42,417. 2 Claims. (Cl. 221—98.)



2. A measuring and dispensing device including a storage chamber, a handle at the back of the storage chamber, a measuring chamber at the bottom of the storage chamber and in communication therewith adjacent to the back, a delivery spout connected with the front of the measuring chamber, a filling opening in the top of the storage chamber, a neck surrounding said opening, a cap on the neck and having a small opening therein, and a vent tube extending downwardly from said cap with its upper end connected to the cap around the small opening and having a reduced bore in its lower end.

1,576,208. POWER HEAD. PHILIP A. MYERS, Ashland, Ohio, assignor to The F. E. Myers & Brother Company, Ashland, Ohio, a Corporation of Ohio. Filed Nov. 8, 1924. Serial No. 748,536. Renewed Jan. 15, 1926. 4 Claims. (Cl. 74—14.)

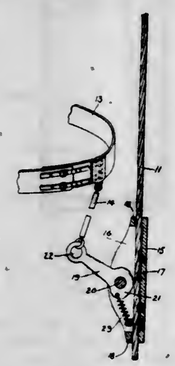


1. In a power head, the combination with a casing and power mechanism mounted therein comprising a shaft and pinion, a gear, and an arm actuated thereby, of a walking beam, compensating devices connecting the beam and casing, cam ways carried by the casing, a cam block in the ways and a connection between the block, the beam and the arm.

1,576,209. PROCESS FOR PRESERVING WOOD. HANS NEUBAUER, Kamenne Zehrovice, near Kladno, Czechoslovakia. Filed Sept. 17, 1925. Serial No. 57,020. 2 Claims. (Cl. 99—12.)

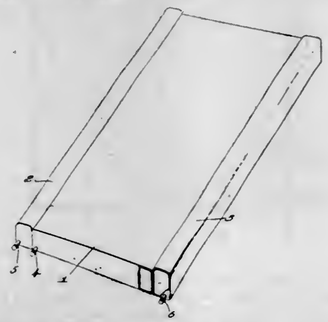
2. A process of preserving wood, comprising the steps of intimately mixing together cementitious material and an aqueous solution of rock salt, and applying the resultant product to the surface of the wood to form a thin, air-tight protective layer thereon.

1,576,210. SAFETY DEVICE FOR HIGH RIGGERS. NICHOLAS NICKSON, Vancouver, British Columbia, Canada. Filed May 23, 1925. Serial No. 32,416. 1 Claim. (Cl. 227—8.)



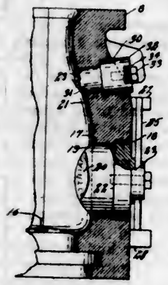
A safety device of the character described comprising a U-shaped clamp member, a lever having one end pivotally mounted between the sides of said member and formed to present a cam surface cooperating with an opposing portion of the member to clamp an interposed rope passing between the sides of said member, a spring secured at one end to said member and at the opposite end to the cam portion of the lever and arranged to normally hold the lever out of gripping engagement with the rope, a body encircling belt, and a connecting element having one extremity secured to said belt and the other extremity secured to an eye formed in the outer end of the lever.

1,576,211. MATTRESS. WALTER C. O'KANE, Durham, N. H. Filed May 15, 1925. Serial No. 30,566. 2 Claims. (Cl. 5—348.)



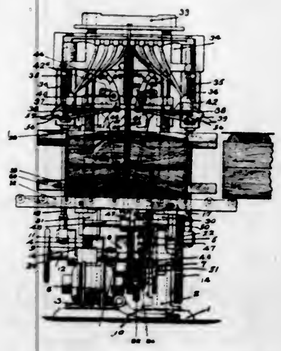
1. An air mattress comprising a unitary body supporting central portion adapted to be inflated to a pressure to permit free distribution of air therein, and separate relatively narrow edge portions adapted to be inflated to a higher pressure than the central portion to maintain the sides of the central portion against collapse.

1,576,212. MOLD MARKER MOUNTING. FRANK O'NEILL, Toledo, Ohio. Filed July 10, 1924. Serial No. 725,273. 7 Claims. (Cl. 49—70.)



1. A mold having a side wall with an aperture therethrough, a marker for the mold produced article insertable from exterior of the mold directly into said aperture into aperture closing position, and yieldable locking means angularly shiftable over the mold side wall adjacent the aperture for flexing in anchoring the marker in aperture closing position.

1,576,213. COMBINED COVER PRESS AND NAILING MACHINE. GEORGE DAVID PARKER, Riverside, Calif. Filed Dec. 16, 1924. Serial No. 756,238. 35 Claims. (Cl. 1—10.)

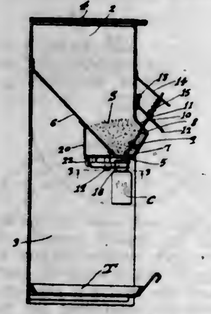


1. In a machine for the purpose described, means for clamping a cover in place on a box comprising a movable member, pivoted means carried at the opposite ends thereof for movement to engage the cover at two opposite ends to align the same, means for moving the movable member and the pivoted means with their engaged cover as a unit for pressing the said engaged ends into contact with the box, and means for nailing the said positioned ends of the cover to the box.

1,576,214. MAGAZINE. JOHN A. PASKAL, Los Angeles, Calif. Filed Dec. 13, 1923. Serial No. 680,428. 2 Claims. (Cl. 226—126.)

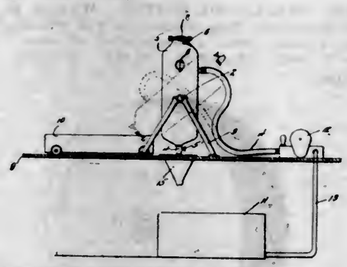
1. In combination with a dispensing magazine having a discharge opening in its bottom portion, a receiver hold-

ing means including a pair of opposed levers having jaw portions and having curved arms concentric to the respective pivots of the levers, a bearing for each curved arm,



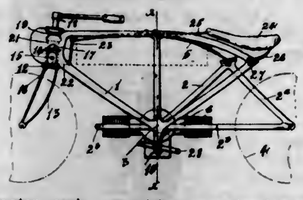
and springs mounted on the curved arms for normally shifting the jaw portions toward each other in closing position.

1,576,215. APPARATUS FOR USE IN IMPARTING FLAVOR TO PEANUTS. ADOLPHUS PERIS, Florin, Pa. Filed Oct. 31, 1924. Serial No. 747,013. 1 Claim. (Cl. 99—2.)



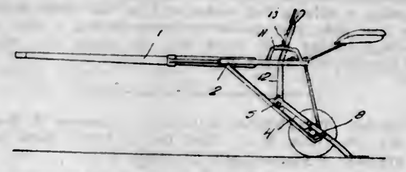
An apparatus for imparting flavor to peanuts comprising a platform, a standard rising from the platform, a tank rockably mounted on the upper end of the standard, a valved spout at one end of the tank, a closure at the other end of the tank which may be removed for filling the tank with peanuts, a pump mounted on the platform, a flexible tube connecting the pump with the tank, a hopper depending from the platform, a storage tank below the hopper, and a pipe connecting the pump with the storage tank.

1,576,216. CYCLE, MOTOR CYCLE, AND THE LIKE. FREDERICK JOHN HENRY PHILLIPS, Llanelly, Wales. Filed Nov. 20, 1922. Serial No. 602,160. 2 Claims. (Cl. 208—94.)



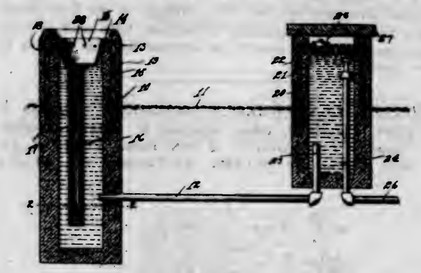
1. A motor cycle comprising a main frame, a leaf spring carried thereby, a frame carrying the rear wheel and engine pivotally mounted on the main frame under the control of the said leaf spring and a fork mounted on the main frame under the control of the said leaf spring.

1,576,217. COTTON-STALK CUTTER. OREN OLIVER POTTER and SAMUEL WILLIAM POTTER, Weslaco, Tex. Filed Sept. 23, 1924. Serial No. 739,357. 1 Claim. (Cl. 55—60.)



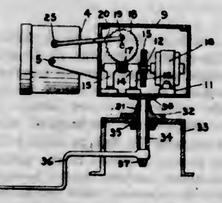
A cotton stalk cutter including a rectangular frame, a pair of brackets provided with downwardly and rearwardly inclined forward sides extending from the front side of the frame, and upwardly and forwardly inclined sides attached to the rear side of the frame, a shaft journaled intermediately of the downwardly and rearwardly inclined forward sides of the bracket, transversely under the frame, cutting blades carried by the shaft, means for actuating the shaft, so that the cutting blades may be disengaged from the ground, and a second shaft journaled at the bottom ends of the brackets, adjacent the junctures of the forward and rearward sides thereof, and spaced discs mounted upon the second mentioned shaft.

1,576,218. STOCK-WATERING FOUNTAIN. ERNEST A. POWELL, Rawson, Ohio. Filed Apr. 30, 1924. Serial No. 710,056. 4 Claims. (Cl. 119—73.)



1. A stock watering device including a tank, means for delivering earth warmed water to the tank, a receptacle in the tank for receiving such earth warmed water, and means for returning the chilled water of the receptacle to the lower portion of the tank whereby to induce a circulation of water for the purpose of preventing freezing thereof.

1,576,219. SIGNAL AND SPOTLIGHT FOR MOTOR VEHICLES. HOWARD R. POWER, Los Angeles, Calif. Filed Apr. 13, 1925. Serial No. 22,888. 1 Claim. (Cl. 240—48.)



A signal and spotlight comprising in combination a base, a bearing mounted thereon, a pin extending vertically through the base and bearing, a housing supported by the bearing and having the pin attached thereto, an

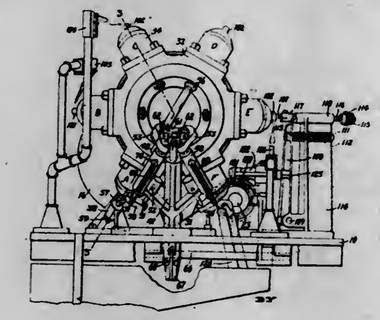
arm attached to the pin to swivel the pin and the housing, a pair of brackets attached to the housing, a spot light pivotally mounted in the brackets to swing on a horizontal axis, a crank pin rotatably mounted in the housing, a driving rod connected from the crank pin to the spot light and an electric motor having a train of gearing driving said crank pin, the crank pin being mounted on one of the gears.

1,576,220. TENTERING MACHINE. CLIFFORD H. RAMSAY, Glen Rock, N. J. Filed Dec. 6, 1923. Serial No. 678,875. 8 Claims. (Cl. 26—57.)



2. A tentering machine including, in combination, a supporting structure having spaced bearings, a rotary shaft journaled in said bearings, another structure having bearings and shiftable on the first structure lengthwise of the shaft, and means to be driven arranged on the second structure and including a tentering system and a rotary member journaled in the bearings of said second structure between the bearings of the first structure and having a gearing connection with said system, said member being axially penetrated by and splined to the shaft.

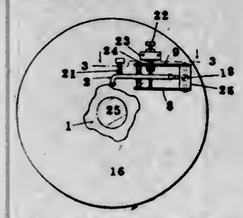
1,576,221. GLASS-WORKING MACHINE. FRANCIS J. RIPPL, Cleveland, Ohio, assignor to General Electric Company, a Corporation of New York. Filed Oct. 18, 1919. Serial No. 331,660. 13 Claims. (Cl. 49—7.)



1. In a machine for shaping glass tubes, the combination of a carrier rotatable in a substantially vertical plane, a holder mounted thereon having a passage therethrough disposed so as to allow a glass tube to feed therethrough by gravity, and means for gripping said tube, means disposed in the path of travel of said holder whereby tubes may be fed to said holder, tube heating and shaping means disposed in the path of travel of said holder, and means automatically brought into operation for periodically opening said gripping means to discharge a tube and for subsequently causing said gripping means to close upon a fresh tube.

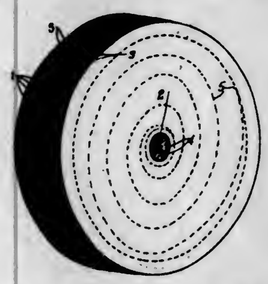
10. In a machine for flaring tubes, a carrier, a plurality of rotatable tube holders, means for simultaneously rotating said tube holders, means for heating the tubes and means for flaring said tubes while heated.

1,576,222. IGNITION APPARATUS. WALTER ROBBINS, St. Louis, Mo. Filed Nov. 23, 1921. Serial No. 517,188. 2 Claims. (Cl. 200—30.)



1. Circuit breaker mechanism for electric ignition systems, comprising two breaker contacts electrically connected, an interrupter member adapted to engage said contacts alternately, and a revolving cam for actuating said member, said cam having a plurality of non-radial engaging surfaces for controlling the motion of said member, and said breaker contacts being so arranged with respect to the interrupter member that a single non-radial face of the cam controls the interrupter member to cause both its disengagement from one breaker contact and its immediate re-engagement with the other contact through further movement of the interrupter member in the same direction.

1,576,223. STEEL-WOOL BUFFER. WILLIAM H. ROBBINS, Springfield, Ohio, assignor to The Williams Company, London, Ohio, a Corporation of Ohio. Filed June 5, 1925. Serial No. 35,153. 1 Claim. (Cl. 15—230.)



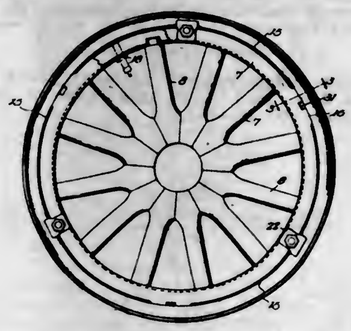
In a buffer the combination of a plurality of spaced layers of steel wool, retaining disks interposed between said layers of steel wool and being of material adapted to be worn away with the steel wool during buffing and a spiral stitching through said wool and retaining disks proceeding progressively from the center of the buffer to the margin thereof completely therethrough, said buffer having a central aperture for mounting of the buffer on a shaft.

1,576,224. INSULATOR CLAMP. CURTIS E. ROGERS, Logan, W. Va. Filed Sept. 4, 1925. Serial No. 54,540. 6 Claims. (Cl. 191—40.)



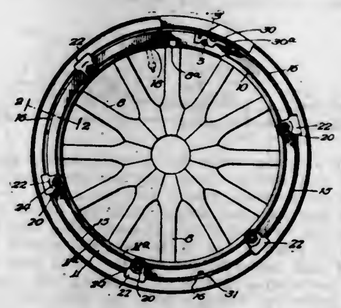
1. A feeder cable support comprising in combination a clamp including a pair of separable cable clamping members and means for clamping said members together upon a cable; and attaching means at opposite ends of said clamp, one adapted for connection with a support and the other for connection with a trolley wire clamp.

1,576,225. VEHICLE WHEEL. CHARLES F. RUBSAM, Jackson, Mich., assignor to Rubsam Corporation, Jackson, Mich., a Corporation of Delaware. Filed Mar. 26, 1924. Serial No. 701,900. 12 Claims. (Cl. 301—24.)



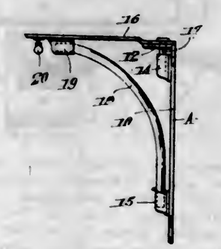
2. A vehicle wheel comprising a wheel body having a fixed rim, a demountable rim therefor adapted to be swung onto said wheel body about a portion of the same, said fixed rim being provided with a rim receiving flange on the vehicle side and a second flange on the other side, said second flange having rim supporting portions, said rim supporting portions being connected by portions of said flange of reduced diameter to form clearances, certain of said portions of reduced diameter being so spaced relative to the swinging point and a point diametrically opposite thereof as to allow the demountable rim to be swung into substantially concentric position as to said wheel body.

1,576,226. VEHICLE WHEEL. CHARLES F. RUBSAM, Jackson, Mich., assignor to Rubsam Corporation, Jackson, Mich., a Corporation of Delaware. Filed Feb. 18, 1925. Serial No. 9,902. 2 Claims. (Cl. 301—24.)



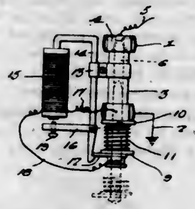
1. In a vehicle wheel, the combination of a fixed channel-shaped rim provided with an annular integral flange on the inner side thereof having a flared portion and an integral flange on the outer side, a demountable rim provided with indented portions of limited length and adapted to engage the periphery of the flange on the outer side of the fixed rim, and removable devices arranged circumferentially between the indented portions and adapted to support the demountable rim at the clearances between the indented portions, said clearances extending to and said indented portions terminating at points remote from said devices to permit the demountable rim to be placed on and removed from the fixed rim without retardation between the indented portions and said devices.

1,576,227. FOLDING BRACKET. JOHN RUNDLE, Lethbridge, Alberta, Canada. Filed Apr. 21, 1923. Serial No. 633,684. 2 Claims. (Cl. 248—19.)



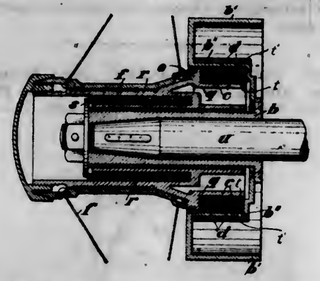
1. In a device of the character described, a vehicle supporting plate formed with an extension, substantially at right-angles thereto, having an opening therein, spaced socket members on said plate, a horizontally arranged arm pivotally mounted on the plate, a socket on said arm and a brace adapted to engage with said socket and with one of the plate carried sockets and a defachable pin through the plate extension and the horizontal arm adapted to pivotally engage with the other socket on the supporting plate.

1,576,228. FUSE-CUT-OUT CIRCUIT BREAKER. CHARLES F. SCHMIEKE, Muskegon Heights, Mich. Filed Feb. 26, 1924. Serial No. 695,225. 1 Claim. (Cl. 200—106.)



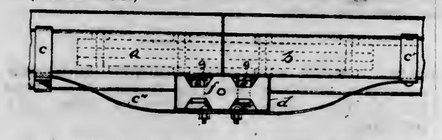
A circuit breaker comprising a cylinder of insulating material, a cap member closing one end of the cylinder and having resilient fingers disposed within the cylinder, a bolt slidably mounted in the cylinder and having a head portion adapted to engage between the fingers, a washer carried by the cylinder, said bolt passing through the washer, and the washer having an intermediate portion lying in the path of movement of the head of the bolt whereby the movement of the bolt with relation to the cylinder is limited, a finger carried by the bolt, a spring interposed between the washer and the finger and tensioned to normally hold the bolt with its head out of engagement with the resilient fingers, an inverted U-shaped bracket, a clip engaged with the cylinder and engaged with one arm of the inverted U-shaped bracket, a magnet carried by the other arm of the bracket and electrically connected with the bolt and grounded, a conductor connected with the first mentioned cap and a hook mounted upon the arm of the bracket engaged by the clamp and operatively associated with the magnet and having an end portion normally disposed under the finger which is carried by the bolt for holding the head of the bolt in engagement with the resilient fingers.

1,576,229. LAMINATED COUPLING. ARNOLD SEIDEL, Berlin-Charlottenburg, Germany. Filed Dec. 16, 1924. Serial No. 756,306. 2 Claims. (Cl. 74—7.)



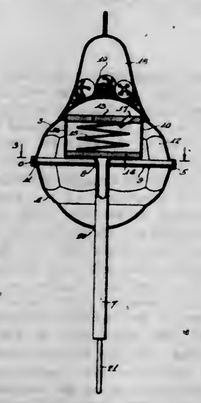
1. In combination, a driving element, a plurality of driven elements, and a differential driving gear interposed between the driving and driven elements, said differential driving gear including friction couplings provided with notched plates, the notches in the plates of the respective friction couplings varying in length, and stop members carried by the driving and driven elements and engaging in the notches.

1,576,230. MOLD FOR ATTACHING RAIL BONDS. EARL J. SHULER, New Orleans, La., assignor to Rail Welding and Bonding Company, East Cleveland, Ohio, a Corporation of Delaware. Filed Nov. 22, 1918, Serial No. 263,723. Renewed Nov. 6, 1925. 23 Claims. (Cl. 22—116.)



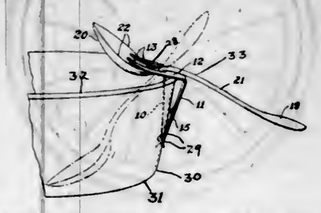
1. A mold for attaching rail bonds having a bottom portion formed of copper and an upper refractory portion, said copper portion being adapted to be engaged directly with the body of the rail for conducting away the heat, substantially as set forth.

1,576,231. DUAL-SOUNDING RATTLE. IRWIN E. COHN, New York, N. Y. Filed Sept. 22, 1924. Serial No. 739,145. 1 Claim. (Cl. 46—46.)



A dual-sounding rattle comprising a body formed of two sections, the sections being provided with interfitted annular flanges, a seat formed on one of the sections, a diaphragm mounted on said seat, a sound producing device located within the other section, the first mentioned section and the diaphragm being provided with a passage, a handle connected with the sound producing device and movable through the passages in the diaphragm and the first mentioned section, a hollow body arranged on the second mentioned section and in alinement with the sound producing device, rattle elements loosely arranged in said body, said handle adapted to actuate the sound producing device in alinement with the rattle elements arranged in the hollow body so that when the handle is actuated the rattle elements and sound producing device will be operated.

1,576,232. SPOON HOLDER. ALFRED C. COOKE, Hartford, Conn. Filed Dec. 20, 1924. Serial No. 757,269. 1 Claim. (Cl. 65—65.)



A spoon holder made of sheet metal, comprising a platform of appreciable length for resting on the top edge of a supporting vessel and inner and outer clamping fingers depending from the inner and outer edges of said platform, a pair of spaced fork arms extended inwardly and in the same plane from the inner edge of said platform and spaced apart for admitting the shank of a spoon, mating recesses or notches in the boundary walls of the space between said arms for receiving the bowl portion of said spoon, and said recesses or notches being spaced inwardly from said inner edge of the platform, whereby with a spoon-bowl engaged with said recesses or notches and serving as a fulcrum for the spoon the shank portion of the spoon will be adapted to contact with the outer edge of the platform.

1,576,233. AUTOMATIC FISHING DEVICE. GEORGE COOK, Detroit, Mich. Filed June 8, 1925. Serial No. 35,685. 6 Claims. (Cl. 43—16.)

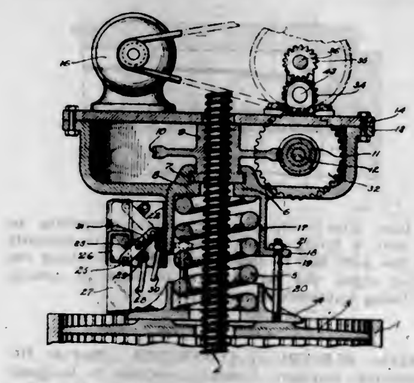


1. In a fishing device having an elongated guideway, a line reel slidable along said guideway, line-released means for normally holding the reel at the front end of the guideway, and spring means for sliding the reel toward the rear end of the guideway when said holding means is released; an elongated plate secured to one end of said guideway and adapted to be held by the usual reel-holding sleeves of a fishing rod handle, a plate projecting laterally from the other end of said guideway and having a seat adapted to rest on the rod in advance of the handle, and hook means pivoted on said plate for engagement with the rod to hold the latter and the seat in engagement with each other.

1,576,234. FRUIT-PRESS DRIVE. FRANK COZZOLI, Plainfield, N. J. Filed Nov. 16, 1925. Serial No. 69,442. 4 Claims. (Cl. 100—44.)

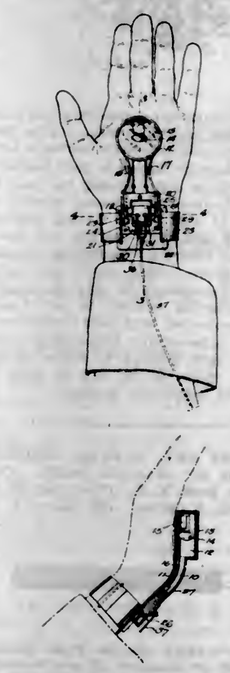
1. A fruit press drive, comprising a stationary threaded shaft, a traveling nut arranged on said shaft,

means including an electric motor for rotating said nut, a spring compressed by said nut when the same is rotated in one direction, a shoe for transmitting the pressure of said spring, and an automatically actuated



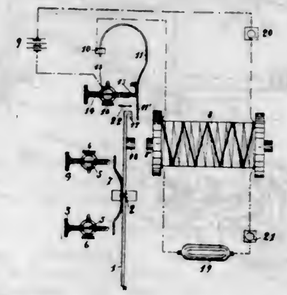
switch arranged in the circuit of said motor, said switch being automatically opened when said spring is completely compressed and automatically closed when said spring is partly distended.

1,576,235. SIGNAL LAMP. MARTIN M. CUNNINGHAM, Far Rockaway, N. Y. Filed Nov. 20, 1923. Serial No. 675,901. 1 Claim. (Cl. 177—329.)



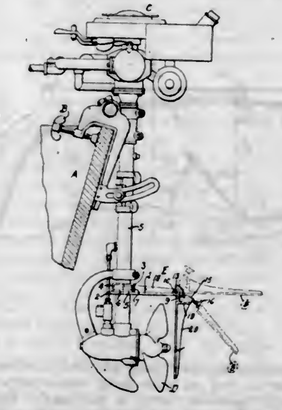
A palm lamp for giving hand signals comprising an elongated housing, the said housing being shaped to fit the contour of the wrist and the palm of the hand, a switch in the housing, the said switch located in that end of the housing which fits the wrist, a windowed compartment in that end of the housing which fits the palm, a lamp in the said windowed compartment, and means for fastening the housing to the wrist.

1,576,236. STROBOSCOPIC APPARATUS. LOUIS CRIKAN, Ixelles, near Brussels, Belgium. Filed Sept. 19, 1924. Serial No. 738,641. 1 Claim. (Cl. 176—122.)



In a stroboscopic apparatus of the type comprising an induction coil of which the secondary circuit comprises a condenser and a flash-tube filled with rarefied gas while its primary winding also comprises a condenser and is at one end electrically connected to one of the terminals of a source of electricity an interrupter including an oscillatory ticker, two abutment screws arranged on the same side of the ticker and on different sides of its point of oscillation in such a manner as to allow the adjustment of the amplitude of the oscillations of the ticker in each direction, an adjustable contact screw electrically connected to the other terminal of the source of electricity, and a contact spring having its point of fixation electrically connected to the other end of the primary winding of the induction coil and arranged in such a manner as normally to tend to keep contact with the aforesaid contact screw and to maintain the ticker at a distance from the adjacent end of the core of the induction coil, substantially as described.

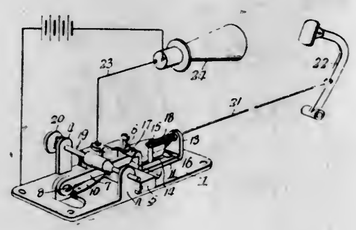
1,576,237. ATTACHMENT FOR MOTOR BOATS. JOSEPH W. DAWSON, St. Louis, Mo. Filed Dec. 4, 1924. Serial No. 753,792. 5 Claims. (Cl. 115—17.)



1. An attachment for a motor boat, comprising a pivoted plate arranged immediately behind and extended transversely of the propeller of the motor boat, said plate being hinged at the top to permit the lower end

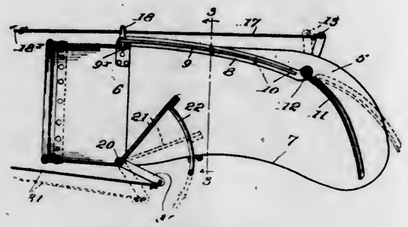
thereof to swing upwardly and downwardly, and means comprising an adjusting screw whereby the position of said plate with respect to said propeller may be regulated.

1,576,238. ALARM DEVICE. JOSEPH DE MARTI, Chicago, Ill. Filed Apr. 13, 1925. Serial No. 22,507. 4 Claims. (Cl. 200—161.)



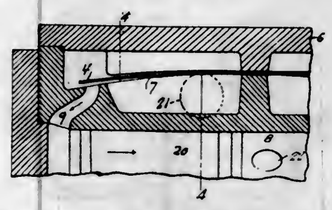
1. A device of the kind described embodying therein, a base, a fixed contact thereon, a swingable contact lever pivotally mounted on the base to swing toward and away from the fixed contact, means urging said contact lever toward said fixed contact, a latch member carried on said base for longitudinal movement and adapted to engage the movable contact lever to hold it out of engagement with the fixed contact, and a device extending transversely to the movement of the movable contact lever and capable of an endwise movement in one direction for setting said lever under the latch member and holding said lever out of engagement with the fixed contact when released by the latch, said device when moved endwise in the other direction permitting said lever to engage the fixed contact when released by said latch.

1,576,239. PNEUMATIC-STACKER HOOD. AUGUST P. DETERMANN, Lyons, Iowa. Filed Mar. 24, 1925. Serial No. 18,039. 5 Claims. (Cl. 302—10.)



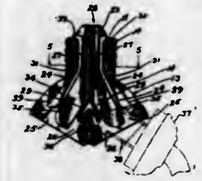
1. A pneumatic stacker hood adapted for the passage of straw and having an open-work straw-guide fixed in the hood and provided with a swingable imperforate deflector at the forward end thereof, yielding means for closing said deflector, and manually-operable means for opening said deflector against the action of said yielding means.

1,576,240. AUTOMATIC INLET-VALVE MECHANISM FOR RECIPROCATING ENGINES. KURT LIGNIER, Mannheim, Germany. Filed Sept. 12, 1923. Serial No. 662,333. 4 Claims. (Cl. 121—143.)



1. Inlet valve mechanism for engines comprising an inlet port, a spring cut-off valve arranged to normally open the inlet and to close the inlet by throttling the working vapor, and curved seats to limit the opening and closing movement of the spring.

1,576,241. ELECTRICAL CONNECTER. STANLEY MCCLATCHIE, Stuttgart, Germany, assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed July 26, 1923. Serial No. 653,861. 2 Claims. (Cl. 173—334.)



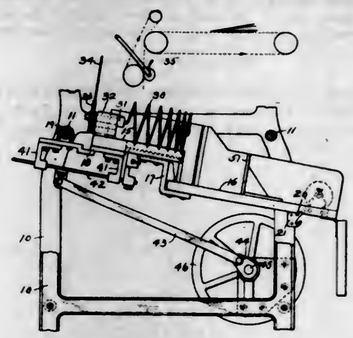
1. An electrical connecter comprising two substantially similar halves, each half including a plug portion and receptacle portions, said receptacle portions having openings to receive connecter blades, a shell contact threaded on said plug portions and securing the two halves together, a center contact on said plug portion, the inner surfaces of each of said halves having grooves therein extending through said plug portion and into said receptacle portions, electrical conducting members in a plurality of said grooves electrically connected with said shell contact and extending into said receptacle portions, and electrical conducting members in one of said grooves and electrically connected with said center contact, said connecter having substantially bell-shaped openings communicating with said grooves to allow electrical connecter blades to enter therein and to form a contact with said electrical conducting members.

1,576,242. SHEET FOR MAKING CUSHION DISKS AND METHOD OF MAKING SAME. CHARLES E. MCMANUS, New York, N. Y. Filed Aug. 29, 1923. Serial No. 659,894. 5 Claims. (Cl. 154—2.)



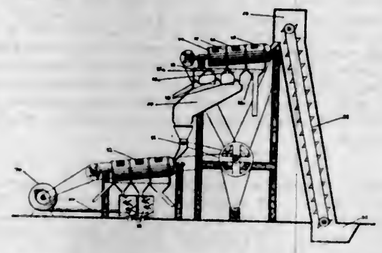
3. A sheet for making cushion disks consisting of a stratum composed of granules of cork bonded together by a thin coating of adhesive, a thin sheet of natural cork having substantially no voids therein bonded to one surface thereof, and a gummed sheet of collet forming material bonded to the opposite side thereof.

1,576,243. PAPER-PACKING DEVICE. FREDRICK MENTGES, Sidney, Ohio, assignor to The Mentges Folder Company, Sidney, Ohio, a Corporation of Ohio. Filed Aug. 4, 1923. Serial No. 655,646. 10 Claims. (Cl. 271—87.)



1. A packing device for paper folding machines, comprising a packing receptacle, an antechamber therefor, a table upon which the folded papers fall, a constantly revolving spiral conveyer adapted to receive the papers as they fall and carry them to the edge of the table, whence they drop to the antechamber, and means for moving the folded papers, one or more at a time, from the antechamber to the packing receptacle.

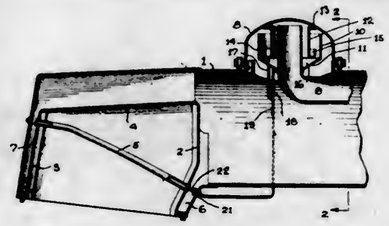
1,576,244. MEANS FOR SHELLING NUTS. GEORGE A. NEHAHOOD, Chicago, Ill., assignor to California Almond Confections Company, Long Beach, Calif., a Corporation. Filed Oct. 13, 1922. Serial No. 594,280. 5 Claims. (Cl. 146—11.)



5. Method of separating the shell fragments of cracked nuts from the kernels of the nuts which consists in screening the material to divide the same into classes as to size and subjecting the material of each such class to treatment as follows: causing the material to be moved downwardly by gravity through a zigzag passageway which arrests the movement of the material and reverses its direction of flow at intervals to produce a tumbling movement and series of impacts which dislodge the kernels from the nuts, and blowing the shell fragments out of the material by air currents directed across the stream at the places where the impacts and reversals of the stream occur.

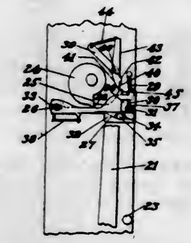
1,576,245. LOCOMOTIVE. HENRY B. OATLEY, Flushing, and WILLIAM E. WOODARD, Forest Hills, N. Y.; said Oatley assignor of all his right to The Superheater Company, New York, N. Y. Filed June 16, 1922. Serial No. 568,823. 2 Claims. (Cl. 122—492.)

1. In a boiler of the locomotive type, the combination of a steam dome; a separator in the dome; a rear water leg; a front water leg; a circulating tube connecting a high point of the former with a low point of the latter and extending through the firebox; and a pipe leading from the water collecting space of the separator through



the outer sheet of the front water leg and a short distance into the circulating tube; said pipe being spaced from the walls of the circulating tube.

1,576,246. AUTOMATIC FILM-WINDING CAMERA JOHN B. PAWLEY, Binghamton, N. Y., assignor to Ansco Photoproducts, Inc., Binghamton, N. Y. Filed Nov. 25, 1924. Serial No. 752,209. 3 Claims. (Cl. 95—31.)

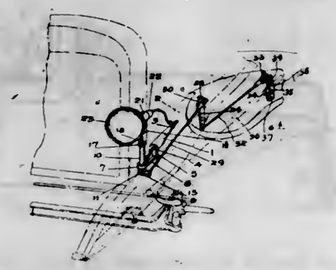


1. A releasing device for a camera winding mechanism comprising a driven element, a pivoted stop lever therefor, the free end of said stop lever being bifurcated, a guide pin for said bifurcated end, operating means for said lever, a safety arm carried by said lever and having a bifurcated end normally out of register with the bifurcation on said stop lever whereby said lever is held from movement, and means on said operating means for causing said bifurcation to register permitting movement of said stop means to release the winding mechanism.

1,576,247. DIRIGIBLE AUXILIARY ROADLIGHT. FRANK A. PAYNE, Calistoga, Calif. Filed July 2, 1925. Serial No. 40,985. 1 Claim. (Cl. 240—62.)

In a device of the character described, the combination with an automobile and its steering mechanism, of a lamp supporting-post comprising a sleeve bearing a revoluble spindle, said spindle extending beyond the upper end of said sleeve and provided with a squared lower end, a supporting-bracket for said post, an attaching-bracket adjustably secured to said supporting-bracket and adapted for mounting to the underside of the fender on the steering side of the vehicle, a rocker-arm lever mounted upon the squared lower end of said spindle, a clamp member bearing a lamp mounted upon the upper end of said spindle adjacent the upper end of said sleeve, said lamp being normally adjusted to cant both downwardly and to the right to focus its rays substantially at a point 31 feet in advance of the vehicle and to the right-hand side of the roadway, and actuating means connecting said rocker-arm lever and the steering mechanism, comprising a reduction lever mounted upon the vehicle chassis

bearing adjustment openings in its lower end, a clamp-member mounted upon the pull-rod of said steering mechanism, a link connection between said rocker-arm lever

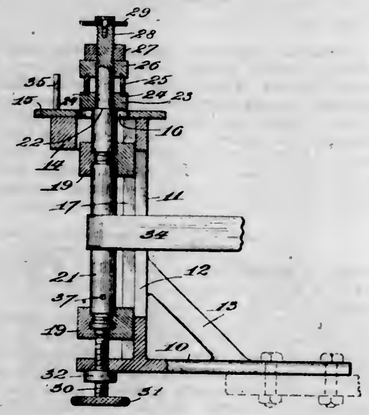


and reduction lever bearing a universal-joint connection, and a link connection between said reduction lever and said pull-rod clamp-member bearing a universal-joint similar to the aforementioned universal-joint.

1,576,248. COMPOSITION FOR MAKING BRIQUETTES. JACOB SHOTWELL ROBESON, Pennington, N. J. Filed Aug. 3, 1921. Serial No. 489,623. 4 Claims. (Cl. 87—17.)

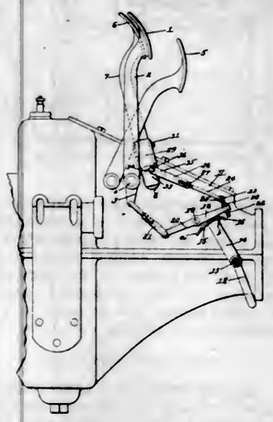
1. A composition of matter for use as an adhesive or binding agent including sulfite solutions of the non-cellulose elements of woody tissue, liquid residue of destructive distillation of woody tissue and thick residuum of sugar bearing plant juices.

1,576,249. PORTABLE SHAPER. MAX SHERMAN, Los Angeles, Calif. Filed Apr. 21, 1924. Serial No. 707,897. 1 Claim. (Cl. 144—114.)



In a portable shaper, an upright frame, parallel rails arranged vertically on the front face of said frame, a horizontally disposed U-shaped frame secured to the front face of the upright frame at the upper end thereof, a table arranged on top of the horizontally disposed U-shaped frame and provided at its center with an opening, bearings arranged to slide on the upright frame between the parallel rails thereon, the space between the horizontally disposed U-shaped frame and the upright frame being of sufficient size to accommodate the upper one of the sliding bearings, a shaft journalled in the bearings, cutter clamping means on the upper end of said shaft, which clamping means includes a pair of discs, the lower one of the latter being adapted to move freely through the opening in the table when the shaft is adjusted vertically and an adjusting screw seated in the lower front portion of the upright frame, and swivelled to the lower one of the sliding bearings.

1,576,250. CLUTCH CONTROL FOR BRAKE MECHANISMS. STEPHEN R. SPATENGA, New York, N. Y. Filed Dec. 1, 1921. Serial No. 519,054. 4 Claims. (Cl. 74—81.)



1. In combination with the clutch mechanism and its pedal and lever, and the service brake and its pedal, of an automobile control system, a direct connection between said brake pedal and said lever including a U-shaped member and a forked member at the brake pedal, and a pin and slot connection between the two members enabling one of the members to shift laterally of the brake pedal and at an angle to the same, whereby the service brake pedal can shift laterally without affecting the clutch.

1,576,251. BURNER PLATE. CHARLES W. SPONSEL, Wethersfield, Conn., assignor to Domestic Stoker Company, New York, N. Y., a Corporation of Delaware. Filed July 7, 1924. Serial No. 724,585. 2 Claims. (Cl. 126—163.)

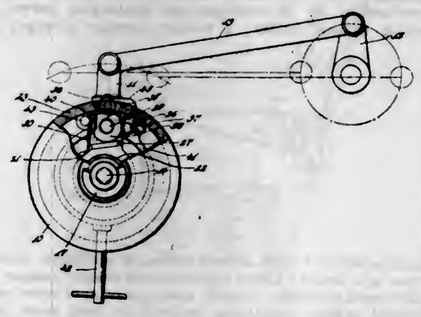


1. A burner plate comprising an annular body having radially extending grooves in its fuel supporting face and having circumferential grooves in its other face of sufficient depth to intersect the radial grooves.

1,576,252. MOTION-CONVERTING DEVICE. CHARLES W. SPONSEL, Wethersfield, Conn. Filed July 7, 1924. Serial No. 724,586. 3 Claims. (Cl. 74—53.)

3. A device of the character described, including a shaft, a disk on said shaft having a hub and a peripheral rim, a constantly rotating crank, an arm having a bearing on said hub, a pitman between said crank and arm, an inclined block carried by said arm, a roller between said block and the internal periphery of said rim, a spring

carried by said arm and normally urging said roller in wedging position between said block and rim, a lever pivoted to said arm and having one end adapted to engage said roller opposite said spring, an anti-friction roller on the other end of said lever, a spring normally

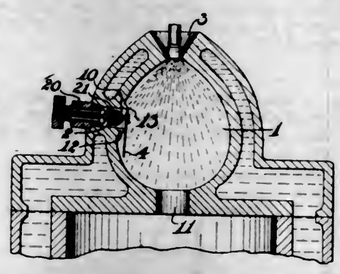


urging said lever in a direction to withdraw the first mentioned arm of said lever out of engagement with said roller, an angularly adjustable segment over which said anti-friction roller is adapted to ride, and means for holding said segment in any desired position of angular adjustment.

1,576,253. ARTIFICIAL FUEL AND THE PROCESS OF MAKING IT. LELAND L. SUMMERS, New York, N. Y. Filed Sept. 29, 1921. Serial No. 504,148. 5 Claims. (Cl. 44—1.)

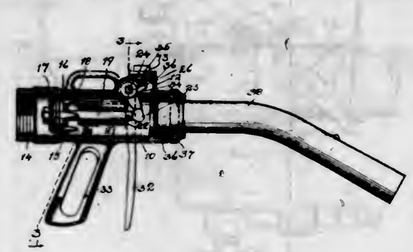
1. The process of producing an artificial fuel which consists in subjecting raw coal to the action of a solvent for the soluble elements thereof and then covering compressed, distilled solid carbonaceous residue with the solution so obtained.

1,576,254. CLOSURE FOR ENGINE IGNITERS. HENRY W. SUMNER, Seattle, Wash., assignor to H. W. Sumner Oil Engine Company, Seattle, Wash., a Corporation of Washington. Filed Jan. 25, 1922. Serial No. 531,633. 2 Claims. (Cl. 123—145.)



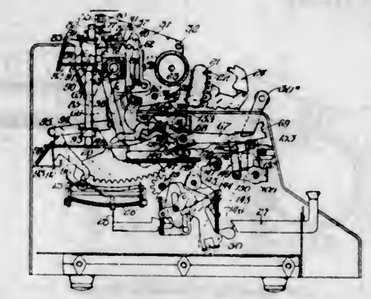
1. In an internal combustion engine, a boss raised above the inner wall of the combustion chamber and having its raised surface finished smoothly to form a seating surface, the wall having an aperture therethrough terminating in said boss, a removable igniter receivable in said aperture, a resilient closure for the inner end of said aperture having a sliding engagement with and adapted to seat upon said finished surface, said closure being pressed into close contact therewith at all points by pressures within the combustion chamber, and means for sliding said closure from without the combustion chamber to open or close the inner end of the aperture.

1,576,255. SELF-CLOSING HOSE NOZZLE. OTTO E. SZEKELY, Moline, Ill., assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa, a Corporation of Iowa. Filed Aug. 17, 1925. Serial No. 50,550. 7 Claims. (Cl. 251—134.)



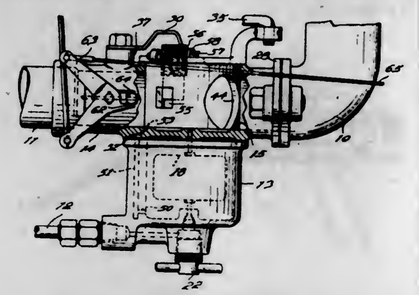
1. In a self-closing hose nozzle, the combination of a barrel, a tubular spout forwardly extending from the barrel, a pistol grip depending from the barrel, a trigger in proximate relation to the pistol grip, a valve within the barrel, an inlet aligned with the valve stem and connections between the trigger and the valve for manipulating the valve by movements of the trigger, substantially as described.

1,576,256. CROSS-TABULATING CARRIAGE FOR ADDING MACHINES. BRUCE H. TINGLEY, Cincinnati, Ohio, assignor to The Dalton Adding Machine Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Nov. 25, 1922. Serial No. 603,146. 16 Claims. (Cl. 235—60.)



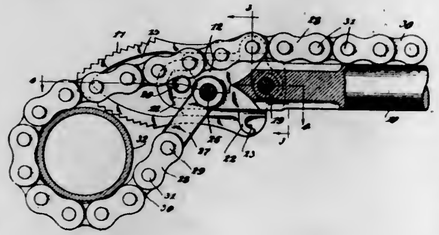
14. In a mechanism of the class described, the combination of adding wheels and means for actuating the same, a transversely movable paper carriage provided with a rotatable platen, means for disabling the operation of the adding wheel actuating means, means for rotating the platen, means for disabling the operation of the platen rotating means, a disabling slide plate interposed between the adding wheel disabling means and the platen rotating disabling means, said disabling slide plate being provided on its opposite edges with engaging surfaces, devices actuated by the arrival of the carriage at a predetermined point for moving said slide plate to bring said engaging surfaces to a position to simultaneously actuate both of said disabling devices, normalizing blocking means adapted, when moved to predetermined position, to block the movements of the slide plate, an escapement for the carriage, and a normalizing lever for disabling the operation of said escapement and for simultaneously moving the blocking devices to a position to prevent a disabling movement of the disabling slide plate, substantially as described.

1,576,257. CARBURETOR. CAREL T. TORRESEN, Cleveland, Ohio, and CHARLES G. ROTH, Ford City, Mich. Filed Oct. 29, 1921. Serial No. 511,309. 4 Claims. (Cl. 261—41.)



1. A carburetor having in combination a float chamber, an air conduit carried by the chamber, a throttle disposed within the conduit and comprising a hollow member having an air inlet passagway extending upwardly from the bottom thereof and comprising two vertically extending walls and an inclined connecting wall, said hollow member having a discharge passageway also extending upwardly from the bottom thereof, an auxiliary air inlet comprising an opening spaced from the bottom of the member and a vertically extending plunger in threaded engagement with the member for varying the active air of the auxiliary inlet.

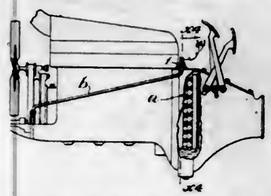
1,576,258. WRENCH. FRANK W. TRABOLD, Marion, Ind. Filed Sept. 18, 1924. Serial No. 738,354. 2 Claims. (Cl. 81—70.)



1. In a pipe wrench, a handle, gripper jaws, means for securing the gripper jaws in spaced positions to the said handle, a chain member, and means for pivotally connecting the chain member to the handle between the said jaws and independently of the means for securing the gripper jaws to the handle, and also in a position offset from the longitudinal axis of the handle, whereby in use with pipes of the same diameter the teeth of the jaws will be engaged in different positions on opposite sides of the jaws of the wrench.

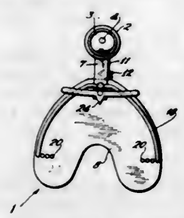
1,576,259. MAGNETO-BRUSH AND FORCE-FEED ATTACHMENT FOR INTERNAL-COMBUSTION ENGINES. KELLY M. TURNER, Los Angeles, Calif., assignor of one-third to Fred H. Koch and one-third to Esten M. Roland, both of Los Angeles, Calif., and one-third to Yale Corporation, Los Angeles, Calif., a Corporation of California. Filed July 26, 1922. Serial No. 577,651. 7 Claims. (Cl. 123—196.)

1. In an attachment for internal combustion engines substantially set forth, an oil receiving and discharging barrel open at one end and adapted to catch oil, and provided with a central orifice opposite such open end, and also provided with an outlet; a flange at the bottom of the barrel; a lip in the form of a semi-circle extending downward from said flange; a contact holder terminating at its upper end in a shoulder and provided with a threaded stem extending through said central orifice provided in the oil receiving and discharging barrel; a spring in said holder; a contact member arranged in



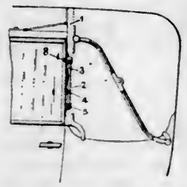
said holder and held by said spring to yieldingly extend from said holder; means to retain said contact member in said contact holder; washer seats above and below said central orifice; insulating washers in said seats and through which said threaded stem passes; and a nut threaded on said stem and adapted to clamp said washers in said seats between said nut and the shoulder on said contact holder.

1,576,260. DENTAL LEVEL. HARRY F. WAITE, New York, N. Y. Filed Mar. 1, 1921. Serial No. 448,792. 4 Claims. (Cl. 33—207.)



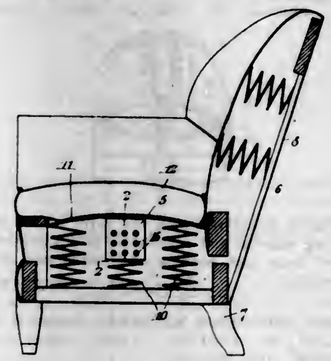
2. A dental level composed of a plate which is shaped so that it may be placed between the teeth of a patient and in his mouth, a clevis connected to said plate and a spirit level pivotally connected to the clevis so that either face of the plate may be uppermost when in the mouth of a patient.

1,576,261. REMOVABLE FRAME FOR MOTOR OR LIKE VEHICLES. GUSTAVE BAEHR, Paris, France. Filed Mar. 20, 1924. Serial No. 700,897. 3 Claims. (Cl. 296—45.)



1. In a transformable vehicle body having a movable frame or panel, a movable member adapted to engage the frame at one side and to be operated by said frame or panel, a second movable member adapted to engage the frame or panel at the side opposite that engaged by the first member, and means for operating the second member from the first member to cause it to engage the said frame or panel.

1,576,262. INSECTICIDE CONTAINER FOR UPHOLSTERED FURNITURE. ALBERT M. BANK, Jersey City, N. J. Filed Dec. 26, 1924. Serial No. 758,176. 11 Claims. (Cl. 155—1.)

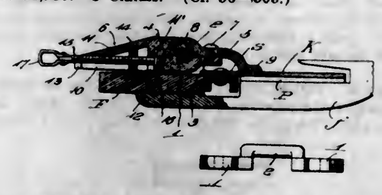


1. In a device of the character described, the combination with an article of furniture having upholstered portions, and a fabric layer having a slit therein covering said portions adapted to support a removable seat, of a container having an opening and having porous side walls extending into said portions, the edge portions of said container at said opening being secured to the edges of said slit, and closure means for said slit.

1,576,263. XYLOPHONE. WILLIAM BARTHOLOMAE, Brooklyn, N. Y., assignor to Bar Zim Toy Mfg. Co., Inc., New York, N. Y., a Corporation of New York. Filed Oct. 10, 1923. Serial No. 667,723. 7 Claims. (Cl. 84—403.)

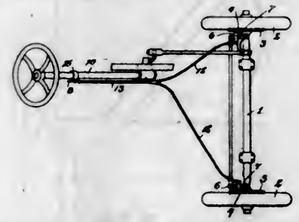
1. In a xylophone, a pair of side members having apertures therein, vibratile members extending through said apertures, each of said side members being formed with a section extending from the edge of said side member at right angles to the remaining part of the side member, said section being formed with a portion presenting a groove, said grooved portion having notches therein so as to interrupt said groove, and a string extending through each of said grooves and through said notches for engaging and supporting said vibratile members.

1,576,264. SICKLE-BAR-ADJUSTING MEANS. HARVEY BECKWITH, Tracy, Calif. Filed June 4, 1925. Serial No. 34,959. 3 Claims. (Cl. 56—305.)



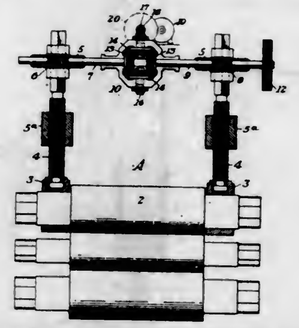
1. In a mowing mechanism having a finger bar and a sickle bar; a lever extending transversely of said bars and disposed over the latter, means between the ends of the lever for fulcruming said lever on said finger bar, the front end of said lever being in sliding engagement with the upper side of the sickle bar and the rear portion of said lever being provided with a slightly inclined downwardly facing surface, a shoe contacting with said surface, and with the relatively stationary subjacent surface of the finger bar, and means for adjusting said shoe toward the lower end of said inclined surface to rock the level.

1,576,265. AUTO ATTACHMENT. SOL BERINGER, Bronxville, N. Y. Filed Dec. 11, 1924. Serial No. 755,265. 1 Claim. (Cl. 188—30.)



The combination with an automobile, ratchet wheels fixed to turn with the front wheels of the automobile, spindle arms constituting a portion of the steering mechanism of the automobile, brackets secured to the spindle arms, pawls carried by the brackets and engaging the ratchet wheels, a lever pivotally connected to the steering column, flexible devices connecting the lever and the pawls, and means for holding the lever in either of its operative positions to maintain the pawls either in or out of engagement with the ratchet wheels.

1,576,266. ROLL-ADJUSTING MECHANISM FOR ROLLING MILLS. FLORENCE C. BIGGERT, Jr., Pittsburgh, Pa., assignor to United Engineering and Foundry Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Oct. 22, 1925. Serial No. 64,103. 13 Claims. Cl. 80—56.)

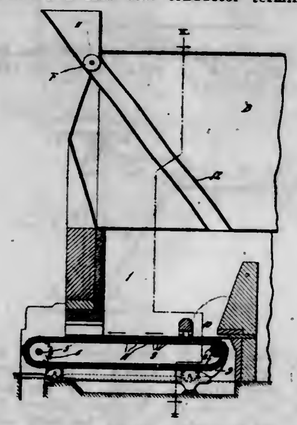


1. In a rolling mill having an adjustable-roll and an adjusting mechanism for each end of the adjustable roll, and means including a differential gearing for simultaneously adjusting opposite ends of the roll.

1,576,267. FURNACE. WILLIAM M. DUNCAN, Alton, Ill. Filed May 11, 1922, Serial No. 560,118. Renewed Jan. 29, 1926. 1 Claim. (Cl. 110—43.)

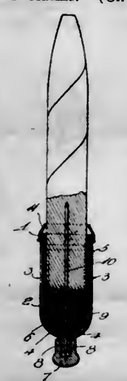
In a furnace provided with a boiler, a traveling grate within the furnace fire box, a portion of said traveling grate being in vertical alinement with said boiler, a coal receptacle located in said fire box immediately above said grate, said coal receptacle having an open bottom permitting coal therein to be supported by the grate, a second coal receptacle outside of the furnace fire box and at an end of said boiler, the last mentioned coal receptacle

being in a higher plane than the first mentioned receptacle, and a coal conducting member extended diagonally through the boiler, said coal conducting member being in communication with the second mentioned coal receptacle and said coal conductor terminating at the



bottom of the boiler and at a point immediately above the first mentioned coal receptacle whereby coal may pass from the second mentioned coal receptacle through said coal conductor and be discharged into said first mentioned coal receptacle.

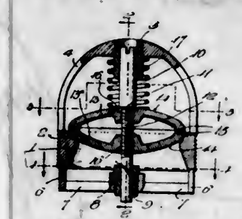
1,576,268. ASH-RECEIVING ATTACHMENT FOR CIGARS AND ANALOGOUS SMOKES. FREDERICK W. DUQUETTE, St. Paul, Minn. Filed Aug. 17, 1925. Serial No. 50,737. 4 Claims. (Cl. 131—51.)



3. An ash receiving attachment for a cigar or analogous smoke, comprising a frame consisting of spaced cigar-encircling rings connected by circumferentially spaced parallel bars, said bars projecting beyond one of said rings and having their ends curved inwardly into overlapping relation to form a closed end for the frame, a cylindrical screen within the frame having a closed end contacting with the closed end of the frame, a knob contacting with the outer side of said closed end of the frame, and means securing the closed ends of the screen and frame to said knob.

1,576,269. CHECK VALVE. JOHN H. DURANT and FRANK VACHAL, Portland, Oreg. Filed June 11, 1925. Serial No. 36,492. 3 Claims. (Cl. 251—144.)

1. A valve comprising a cage having an annular seat and central stem guides at opposite sides thereof, a reversible valve co-operable with said seat and having a central threaded opening alined with said stem guides, and a straight stem threadedly engaged in said opening and having its ends slidably received in said guides,



said stem normally retaining the valve in the cage but permitting removal and reversal of said valve when unthreaded from said opening and withdrawn from the stem guides.

1,576,270. DOUGHNUT MACHINE. JOSEPH F. GANSKI, Portland, Me. Filed Feb. 5, 1925. Serial No. 7,120. 4 Claims. (Cl. 107—20.)



3. A doughnut machine comprising a support, a doughboard disposed thereon, a cutter back associated with the doughboard and disposed thereon, and angularly disposed means hinging the doughboard to the support and the doughboard and back together, for the purpose specified.

1,576,271. LUMBER BUNK. VICTOR G. GILBREATH and SAMUEL T. WILLIAMSON, Seattle, Wash. Filed Feb. 27, 1924. Serial No. 695,458. 5 Claims. (Cl. 34—26.)



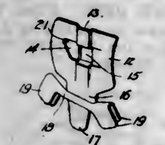
3. A lumber bunk embodying a bunk bolster; a stake pocket slidably mounted upon one end of said bolster; a link means slidably disposed in the side walls of said stake pocket; a nut carried by an end of said link means; a shaft connecting the opposite end of said link means; a crank operatively mounted in said bolster; a spring; a second link means connecting said spring and said shaft in said first named link means; a third link means connecting said shaft to said crank; a screw operatively disposed in said nut, whereby it may be caused to bear against said stake pocket; a second stake pocket slidably mounted upon the other end of said bolster, having a shaft supporting lug; a shaft in said lug; a second crank operatively mounted in said bolster; a fourth link means connecting said spring to said second crank; and a fifth link means connecting said second crank to said last named shaft.

1,576,272. COMBINED CONTAINER AND HUMIDOR. HERMAN GOLDSMITH, New York, N. Y. Filed Aug. 11, 1922. Serial No. 581,085. 1 Claim. (Cl. 131—30.)



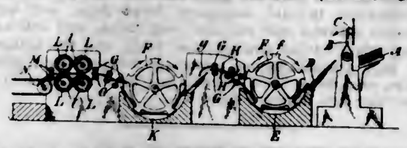
A container for tobacco products, including a body and a slip-on flanged cover, and a sheet or pad of blotting paper held within the flange against the body of the cover, said sheet being of an area to fit within the flange to prevent displacement thereof, the flange of the cover having an internal bead to hold the sheet in place.

1,576,273. SUPPORTING DEVICE FOR SHOE BUCKLES. LEW GOLDSMITH and SAMUEL M. DRUMMER, New York, N. Y., assignors to Primrose Novelty Corporation, New York, N. Y. Filed Nov. 20, 1925. Serial No. 70,420. 1 Claim. (Cl. 2—245.)



A buckle supporting arrangement having spaced jaws to embrace the edge of the footwear and an intermediate toe to rest against the outer face of the footwear to prevent the arrangement from falling forward.

1,576,274. MANUFACTURE OF TIN PLATE. GAVIN MURR HARRIS, Lancashire, England. Filed Mar. 28, 1925. Serial No. 19,186. 12 Claims. (Cl. 148—4.)

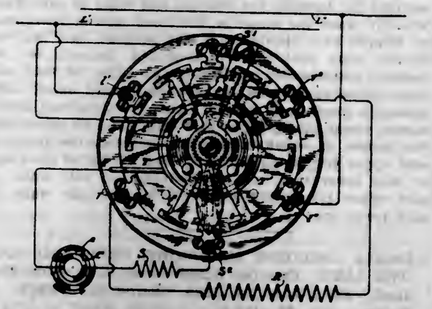


1. A process for the manufacture of tin-plate which comprises in combination the stages of hot rolling the plates, thereafter black annealing them, then black pickling and swilling them, thereafter drying them in such manner that they do not reach a temperature substantially exceeding 100° C., thereafter passing the plates as dried to the cold-rolling plant and cold rolling them, then preparing the plates for tinning, and tinning them.

1,576,275. ZIRCONIUM CARBIDE. MINER L. HARTMANN, Niagara Falls, N. Y., assignor to The Carborundum Company, Niagara Falls, N. Y., a Corporation of Pennsylvania. Filed Mar. 13, 1924. Serial No. 699,148. 5 Claims. (Cl. 204—64.)

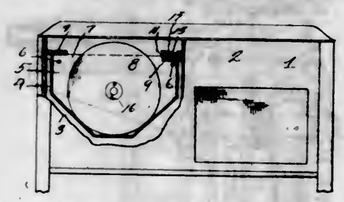
1. The process of making zirconium carbide consisting of fusing zirconium silicate ore under reducing conditions in an electric furnace and collecting the product.

1,576,276. AUTOMATIC ELECTRIC SWITCH AND CIRCUIT. GEORGE L. HEDGES and EUGENE F. MARTINET, Cleveland, Ohio, assignors to The P. A. Geier Company, Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 20, 1922. Serial No. 608,074. 8 Claims. (Cl. 172—279.)



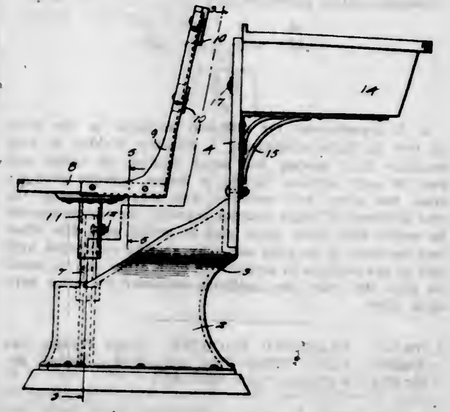
1. In an electric switch of the class described, the combination with switch contacts positioned for alternative engagement by the travelling contact member, of said travelling contact member normally maintained out of contact therewith, means temporarily blocking the final movement of the contact member to its contact-making positions, and electromagnetic means automatically operated for rendering the latter means temporarily inoperative, substantially as set forth.

1,576,277. CABINET FOR GRAPHOPHONE RECORDS. AARON HERMANSON, Rockford, Ill. Filed Aug. 21, 1923. Serial No. 658,564. 1 Claim. (Cl. 211—16.)



The combination with a graphophone casing, of a record receiving rack carried thereby at one side thereof, said rack comprising a plurality of vertically disposed pockets having their upper sides open for the reception of records said pockets being provided with bottoms horizontally disposed, upwardly diverging bottom sections extending upwardly from the ends of the first mentioned bottom, thereby in combination with the first mentioned bottom forming a three point bearing for the record and maintaining the same spaced from the end walls of the pocket.

1,576,278. COMBINED SCHOOL DESK AND SEAT. JOHN B. HICKS, Safford, Ariz., assignor of one-half to Harry L. Payne, Safford, Ariz. Filed Oct. 30, 1924. Serial No. 746,819. 2 Claims. (Cl. 155—89.)

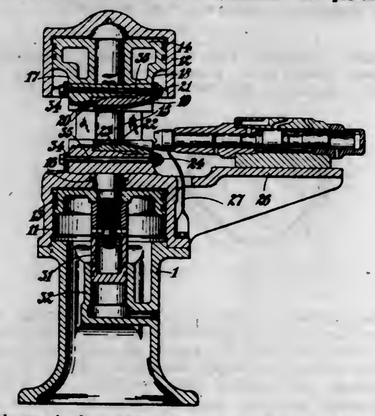


1. A pedestal of the class described consisting of a hollow casting, said casting having means to surmount a chair support, and a bifurcated portion, each arm of the bifurcated portion being adapted for connection of a desk support thereto and having shoulders on which the desk supports rest.

1,576,279. FORGING MACHINE. ARTHUR TREVE HOLMAN, Camborne, Cornwall, and KENNETH JAMES HOLMAN, Carbis Bay, Cornwall, England, assignors to Holman Brothers Limited, Camborne, Cornwall, England, a British Company. Filed May 1, 1924. Serial No. 710, 326. 14 Claims. (Cl. 76—5.)

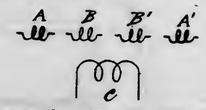
1. A forging machine of the type described comprising in combination two opposed work-holding jaws one

at least of which is movable relatively towards and away from the other, a reciprocating forging hammer arranged to operate on the work while it is held by said jaws, a single piston-rod connected with the movable jaw, and two pistons and cylinders the pistons of



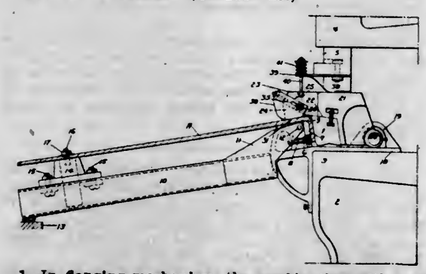
which are both connected to said piston-rod and serve jointly to move said movable jaw towards the companion jaw, said pistons being arranged respectively on opposite sides of the said companion jaw, for the purpose described.

1,576,280. TRANSFORMER. SAMUEL HORELICK, Pittsburgh, Pa., assignor to Pittsburgh Transformer Company, a Corporation of Pennsylvania. Filed Feb. 11, 1922, Serial No. 535,954. Renewed Aug. 4, 1925. 4 Claims. (Cl. 170—356.)



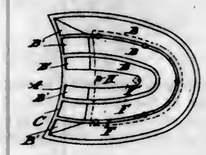
4. A transformer for different voltages in the ratio of two to three comprising a winding divided in four sections each having the same number of turns and two of said sections having a larger current capacity than the other two sections, and means whereby the two sections of larger current capacity may be connected in series with each other and in series with the other two sections in parallel and may also be connected with two of the sections in series with each other and in parallel with the other two sections connected in series with each other.

1,576,281. FLANGING MACHINE. JOHN HUBER, Los Angeles, Calif. Filed July 24, 1924. Serial No. 727,874. 9 Claims. (Cl. 153—25.)



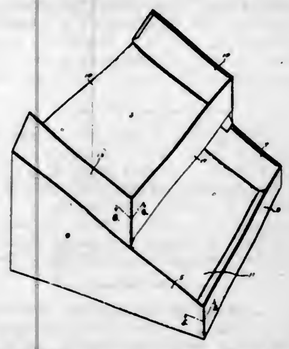
1. In flanging mechanism, the combination with a supporting base and an upper reciprocable power driven head, of an anvil block, and a pressing head interposed between the anvil block and reciprocable head having a bending face and a plurality of separately adjustable shoes mounted on the pressing head.

1,576,282. RUBBER HEEL. HUGH T. HUGHES, Cleveland, Ohio, assignor of one-half to Albert Crost, Cleveland, Ohio. Filed Oct. 24, 1922. Serial No. 596,585. 3 Claims. (Cl. 36—35.)



1. In a rubber heel, a body having its upper surface provided with a marginal ridge, on its sides and rear end, and a transverse ridge on its front, and with inner ridges parallel with the sides and rear end thereof, and terminating in said transverse front ridge, and with grooves between said side and rear ridges, said side and rear ridges having sloping inner faces, and the bottoms of said grooves sloping upwardly towards said front ridge, said ridges being spaced apart to permit division of said heel into different sizes.

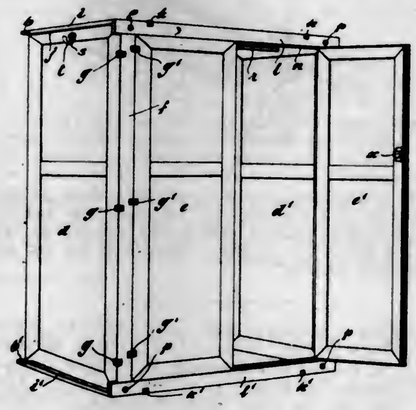
1,576,283. COMMODITY-DISPLAY STAND. CLARENCE P. JOHNSON, Newton, Mass. Filed Nov. 19, 1924. Serial No. 750,956. 3 Claims. (Cl. 211—24.)



1. A compactible commodity display stand, comprising when assembled a plurality of superimposed trays and formed of a plurality of substantially flat sheet metal sections for forming the bottoms and walls of said trays whereby when the stand is disjointed said sections may be shipped as a substantially flat package, said sections having edges bent to form U-shaped channels for detachably interlocking with adjacent edges of said sections when said stand is assembled; said stand comprising a lower tray with a bottom wall inclined downwardly toward the front of said stand, and an upper tray the bottom of which is similarly inclined, the front of said upper tray being positioned rearwardly of the front of said lower tray, and the bottom and side walls of said upper tray being supported on the side walls of said lower tray.

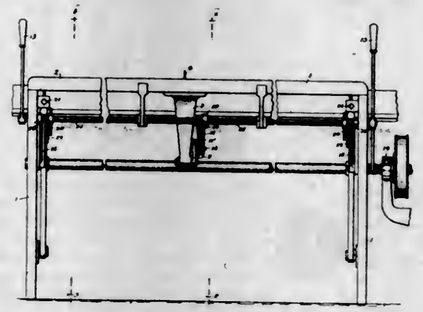
1,576,284. FOLDING WARDROBE, CUPBOARD, AND THE LIKE. CHARLES ALLAN JONES, Gloucester, England. Filed June 18, 1925. Serial No. 37,937. 4 Claims. (Cl. 45—118.)

1. A folding wardrobe, cupboard, or the like which comprises, in combination, an upright back or foundation member, a pair of side members hingedly carried by said back, a pair of front door members hingedly carried by said sides, top and bottom members hingedly carried by said back so as to be adapted for rebated engagement with said sides, a pair of front flap members hingedly carried by said top and bottom members so as to be adapted for rebated engagement with said sides and with



the upper and lower edges of said doors, and means for fastening the various hinged members in their open position of use, the arrangement being such that the various hinged members are adapted to hold in substantially flat superposed relation upon said back member as a foundation.

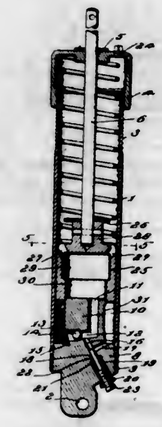
1,576,285. LOOM BUNTER. ADOLPHUS HENRY LANDRY, Townsend, Mass. Filed Apr. 8, 1924, Serial No. 705,149. Renewed Nov. 11, 1925. 2 Claims. (Cl. 139—336.)



1. A bunter mechanism for looms, comprising a pivoted arm, a spring-pressed bolt engaging the arm, a cushion limiting the movement of the arm, a pivoted dog on the arm, and means for moving the dog into the path of the lay whereby the spring-pressed arm functions as a bunter to stop the lay.

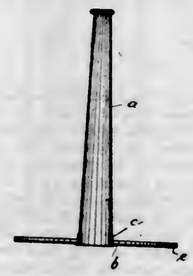
1,576,286. DOOR CLOSER AND CHECK. PHILIP LANG, Cedar Falls, Iowa, assignor to Wagner Manufacturing Company, Cedar Falls, Iowa. Filed June 4, 1925. Serial No. 34,989. 8 Claims. (Cl. 16—51.)

1. A door closer and check comprising a cylinder adapted to retain liquid, a piston therein, a spring in the cylinder and normally holding the piston at the lower end of the cylinder, a projection carried by the cylinder and cooperating with the piston for retarding the movement of the piston against the tension of the spring and constructed to have a high checking pressure upon the first part of the checking movement of the



piston and partially releasing said pressure for a short movement of the piston and gradually retarding the movement of the piston against the tension of the spring on the last part of the movement.

1,576,287. MOUTHPIECE FOR USE IN BLOWING SOAP BUBBLES. RUDOLF LARSEN, Copenhagen, Denmark. Filed Aug. 22, 1922. Serial No. 583,635. 3 Claims. (Cl. 46—31.)

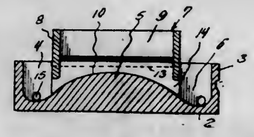


2. A mouth piece for blowing soap bubbles, comprising a blow pipe, a disk-shaped member attached to the discharge end of the blow pipe and provided with radial slots alternating with radial arms or spokes and an outer ring.

1,576,288. STOCK-FEEDING TROUGH. HARVEY S. LAW, Charleston, Ill. Filed Aug. 28, 1925. Serial No. 53,106. 1 Claim. (Cl. 119—52.)

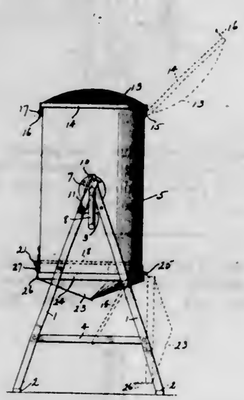
A stock feeding device of the class described comprising a base having upstanding side and end walls, the central portion of the base being arched for its entire length to provide longitudinally extending troughs on opposite sides, the upper edges of the end walls of the base being notched, a hopper supported on the base over said arched portion, said hopper including a frame, the ends of the frame having their bottom edges rounded for engagement with the arched portion, a shoulder being formed on each end of the frame of the hopper for

engagement with the respective notches formed in the respective end walls of the base, the sides of the frame being spaced from the sides of the base, and the bottom



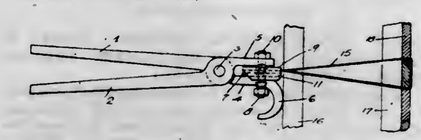
edges of the sides of the frame being spaced from the arched portion to permit the feed in the hopper from the hopper to be discharged into the troughs by gravity.

1,576,289. INCINERATOR. THOMAS H. LEDDEN, Ridgway, Pa. Filed Apr. 9, 1925. Serial No. 21,968. 4 Claims. (Cl. 110—18.)



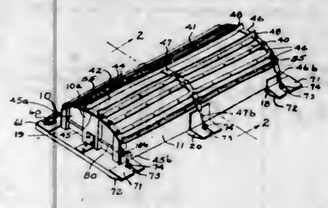
1. An incinerator comprising an open-ended body member, a hinged imperforate bottom at one end of said member, a grate secured within said member adjacent to said bottom, means for pivoting the body member to permit said member to be tilted, means for locking the same with either end uppermost, and a hinged foraminous top closure at the other end of the body member to permit the passage of smoke and prevent the escape of sparks while in use and to be swung open for dumping when the body member is tilted, said imperforate bottom serving as a rain deflector when the body member is adjusted with the lower end uppermost.

1,576,290. TONGS. ALFRED LENORMAND, San Francisco, Calif. Filed Oct. 26, 1925. Serial No. 64,784. 3 Claims. (Cl. 254—79.)



1. A device such as described comprising a pair of complementary handle members cross-pivoted together; a jaw member pivotally mounted on the end of each of said handle members in co-operating relationship; and fastening means loosely connecting each of said jaws.

1,576,291. MOLD FORM. JAY D. ACKER, Norwalk, Ohio. Filed Sept. 18, 1925. Serial No. 57,046. 17 Claims. (Cl. 25—130.)

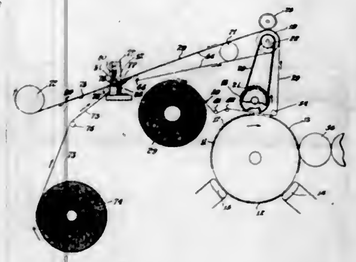


1. In a mold form of the character described, the combination of a core structure, removable side and end wall members mounted upon a base carrying the core and a flexible top arcuately supported by the end and side wall members.

1,576,292. MANUFACTURE OF ARTICLES FROM WOVEN GOODS. THOMAS DOW AINSLIE, Metuchen, N. J., assignor to The Roessler & Hasslacher Chemical Company, New York, N. Y., a Corporation of New York. Filed Jan. 19, 1926. Serial No. 82,867. 12 Claims. (Cl. 2—143.)

1. Process of manufacturing an article from woven fabric which consists in setting piece goods, forming a rough oversized multiple layer article therefrom, and bleaching and shrinking to size.

1,576,293. ROTARY WEB UNDERSURFACE PRINTING MACHINE. PETER AITCHISON, New Rochelle, N. Y., assignor to American Bank Note Company, New York, N. Y., a Corporation of New York. Filed Apr. 18, 1924. Serial No. 707,432. 25 Claims. (Cl. 101—156.)



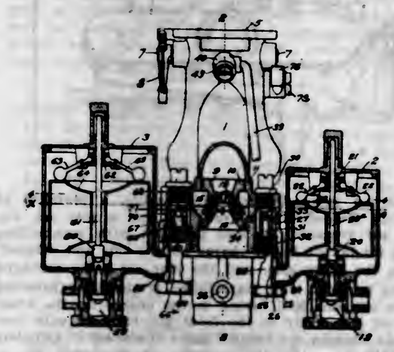
1. A rotary web undersurface printing machine embodying therein a plate cylinder adapted to receive a plurality of engraved, intaglio or undersurface plates, spaced apart in relation to each other, inking, wiping and polishing mechanisms associated therewith, an impression cylinder or D-roll adapted to apply great pressure upon a strip or web between same and a plate upon said plate cylinder, means adapted to rotatably support a roll of continuous web, automatically acting means permitting rotation of said roll while said impression cylinder or D-roll and a plate are in engagement with said web, and preventing rotation thereof substantially simultaneously with the disengagement of the impression cylinder or D-roll and such plate from the web, a collecting mechanism, and means receiving the strip or web as it is fed by said impression cylinder or D-roll and a plate upon said plate cylinder, and delivering it toward said collecting mechanism.

1,576,294. TRAY. ALBERT A. ALLEMAND, near Gilroy, Calif. Filed Sept. 10, 1925. Serial No. 55,576. 1 Claim. (Cl. 34—17.)



A drying tray comprising a rigid rectangular frame having its ends recessed from one side and a bottom of thin material normally easily warped when subjected to heat and moisture, a supporting strip positioned on the bottom of said material along its longitudinal axis, straps arranged transversely of said tray over the outer edge of said strip and secured to the opposite sides of the tray, and strips mounted upon the ends of the bottom material and passing over said straps and extending the length of said tray.

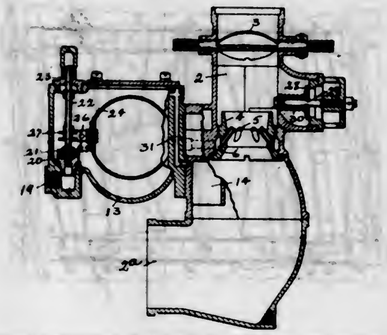
1,576,295. CARBURETOR. FRANK H. BALL, Detroit, Mich., assignor, by mesne assignments, to Ball and Ball Carbureter Company, Detroit, Mich., a Partnership composed of Frederick O. Ball and Cornelia M. Ball. Filed Mar. 7, 1918. Serial No. 220,906. 17 Claims. (Cl. 261—18.)



1. In a carburetor, the combination of a suction passage; a throttle valve in the passage; a fuel well; a fuel feeding means delivering fuel to the fuel well from a constant level; a spray device leading from below the fuel level in the fuel well to the suction passage below the throttle and to above the fuel level; and an air delivery for the fuel well having an inlet more remote from the discharge end of the suction passage than the spray device and having a capacity relatively to the spray device to maintain sub-atmospheric pressure in the fuel well responsive to and varying with the suction effort communicated through the spray passage for inducing a flow of fuel varying as the suction effort for induction of air varies in the suction passage.

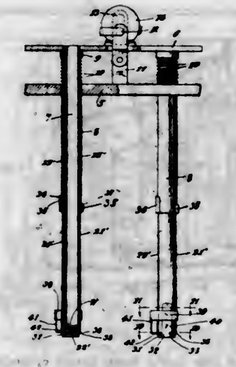
1,576,296. CARBURETOR. FRANK H. BALL, Detroit, Mich., assignor, by mesne assignments, to Ball & Ball Carburetor Company, Detroit, Mich., a Partnership composed of Frederick O. Ball and Cornelia M. Ball. Filed Jan. 13, 1919. Serial No. 270,804. 3 Claims. (Cl. 261—121.)

1. In a carburetor, the combination of a suction passage; a float chamber, said passage and float chamber being arranged one forward of the other; a spray passage below the level of the fuel in the float chamber leading to the suction passage; a fuel conduit leading from the float chamber and discharging to the spray passage at



the side of the float chamber away from a front and rear line through the chamber; and an air passage leading to the spray passage.

1,576,297. WASHER-PLACING APPARATUS. JOHN W. AYMAR, Jr., Montclair, N. J. Filed June 10, 1924. Serial No. 719,033. 12 Claims. (Cl. 18—1.)

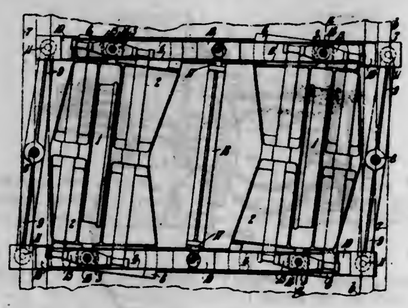


1. In an apparatus for placing washers upon heel mold pins, a washer magazine bodily movable towards and from the mold pin and provided with diametrically opposed openings in its wall, and means for singly delivering the washers through the lower end of the magazine as the latter is moved towards the mold pin, said means consisting of members movable through the respective openings into and out of supporting relation with the washers contained in the magazine, and relatively stationary cam means for actuating said members.

1,576,298. ROLLING STOCK FOR RAILWAYS AND TRAMWAYS. CAMILLE BARBEY, Vaud, Switzerland, and ROBERT EDWARD STOPFORD VENABLES, London, England. Filed Sept. 6, 1923. Serial No. 661,810. 20 Claims. (Cl. 105—179.)

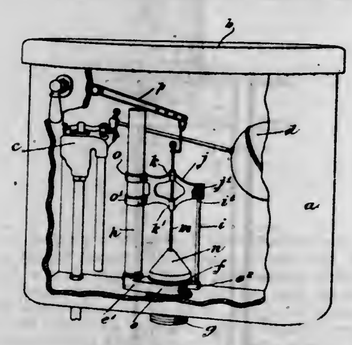
1. In a four wheel truck for use on rails, the combination of side members to which the carriage body is

connected by vertical pivots, a frame for each wheel, links connecting to said side members the frames of the



two wheels on each side of the truck, transverse members at each end of the truck, said members connected to the wheel frames by bolts slidable in said frames.

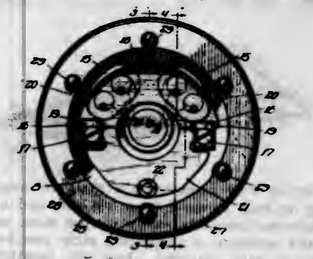
1,576,299. VALVE FOR LOW-DOWN FLUSH TANKS. ARNOLD M. BEHREE, New York, N. Y. Filed June 18, 1924. Serial No. 720,746. 4 Claims. (Cl. 4—57.)



1. A valve for low down flush tanks embodying therein a fitting having a discharge port therethrough, a nipple extending from, and extensions upon different radii of, said port, one of said extensions having an opening extending therethrough and communicating with said nipple, an overflow pipe carried by said last named extension, a standard secured to said other extension, a bearing fitting, means whereby said bearing fitting is non-adjustably supported from said standard, said bearing fitting having a plurality of spaced alined narrow bearings therein axial alinement with said port, and means thereon encircling but unconnected with said overflow pipe, a valve stem slidably mounted in said bearings, a buoyant valve carried by said stem, and actuating means for said stem.

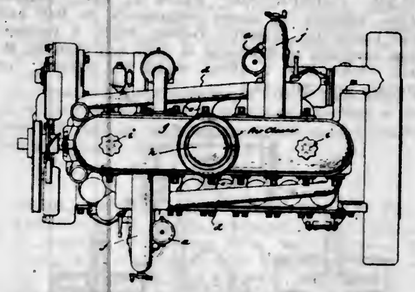
1,576,300. FLUID BUFFER. GEORGE BOOTH, Chicago, Ill., assignor to Miehle Printing Press & Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Nov. 16, 1922. Serial No. 601,421. 7 Claims. (Cl. 188—96.)

1. In a fluid buffer, a cylinder and a solid piston head movable therein, a port in said piston head, a swinging valve pivoted to the solid piston head adjacent the port, said valve being normally maintained in open position



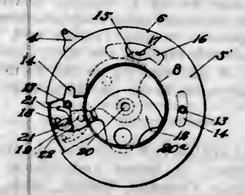
and adapted to be closed against the piston head to close the port therein, by fluid pressure in said cylinder.

1,576,301. INTERNAL-COMBUSTION ENGINE. JAMES SCRIPPS BOOTH, Detroit, Mich. Filed Nov. 6, 1924. Serial No. 748,119. 3 Claims. (Cl. 123—122.)



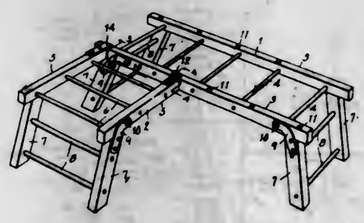
1. In an internal combustion engine, a plurality of cylinders divided into a front set and a rear set, the front set arranged for and provided with manifolding means for taking in the charge on one side and exhausting on the other side, and the rear set being arranged for and provided with manifolding means for exhausting on the one side and taking in the charge on the other side just conversely to the front set, together with connections whereby the exhaust gases of one set of cylinders heats the incoming fuel mixture of the other set of cylinders on the same side without being caused to pass to the opposite side of the cylinder block.

1,576,302. PHOTOGRAPHIC SHUTTER. CARL BORNMANN, Binghamton, N. Y., assignor to Ansco Photoproducts, Inc., Binghamton, N. Y. Filed May 15, 1924. Serial No. 713,619. 12 Claims. (Cl. 95—59.)



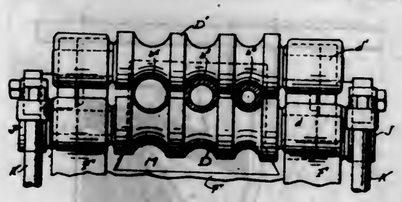
1. A photographic shutter comprising a speed controlling element, a pivoted diaphragm provided with relatively large and small apertures, and means whereby operation of the speed controlling element results in swinging said apertures alternately into operative positions.

1,576,303. WASHBENCH. JOHN J. BROWN, Holland, Mich. Filed June 29, 1925. Serial No. 40,280. 2 Claims. (Cl. 68—95.)



1. In a wash bench, the combination of a main bench member comprising connected side rails, one of said side rails having a vertical bore therein, an auxiliary bench member comprising connected side rails, a plate with a projecting downwardly engaging hook support mounted on the end of one of the auxiliary member side rails to engage over a side rail of the main member, and a projecting plate with a pin pivotally mounted on the other auxiliary member side rail to engage said bore in said main member side rail whereby said auxiliary member may be supported at the side of the main member or swung over and collapsed in inverted position upon said main member.

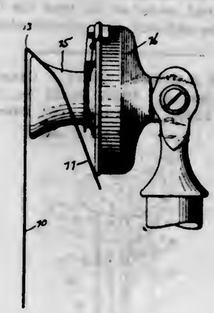
1,576,304. METHOD OF AND APPARATUS FOR MAKING IMPLEMENT SOCKETS. JOHN E. BARNES, Jackson, Mich., assignor to The American Fork & Hoe Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 10, 1921. Serial No. 436,078. 8 Claims. (Cl. 76—113.)



1. The method of making sockets for implements comprising rolling the end portion of a blank over the end of a rigidly held mandrel toward which the blank is pushed by rolls which have the same direction of travel at the lines of contact, and subsequently rolling such portion over a larger mandrel between rolls having a larger pass and having the same direction of travel at the lines of contact.

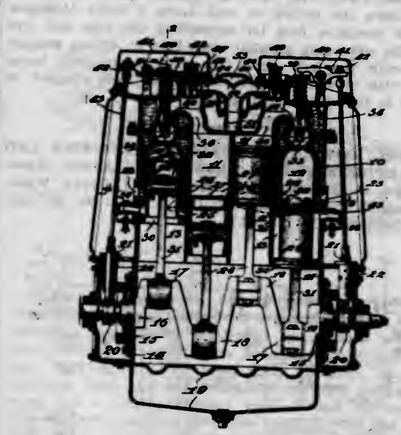
1,576,305. TELEPHONE ATTACHMENT. MARTIN E. BULLWINKEL, Brooklyn, N. Y. Filed Apr. 1, 1925. Serial No. 19,767. 1 Claim. (Cl. 179—185.)

A telephone attachment comprising a rectangular blank folded transversely to comprise a short flap, and a long flap adapted when folded to lie against each other, there being an opening provided in the short flap for receiving the mouthpiece of a telephone instrument, and there being a crease extending longitudinally in the long flap and into the short flap between the transverse fold in the blank and the opening in the short flap to enable



the user to readily separate the flaps and thus facilitate the placing of the attachment on the mouthpiece of the telephone.

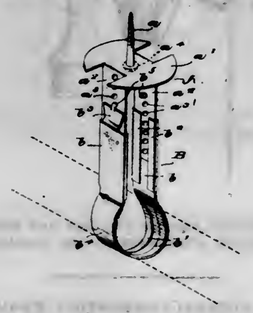
1,576,306. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURTNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed Oct. 24, 1922. Serial No. 596,580. 1 Claim. (Cl. 123—59.)



The combination in a two stroke cycle internal combustion engine, of four cylinders arranged in a row parallel with the axis of the crank shaft of the engine, the two end cylinders being of two diameter structure, the two center cylinders being of straight diameter structure, means to bypass compressed air from the enlarged piston chamber of each center cylinder to the other power chamber at the end of the row, valvular means for admitting a charge to the annular space created between the large diameters of the end cylinders and the pistons therein, valvular means for admitting a charge to the head clearance space of the two center cylinders, valvular means for the transfer of a precompressed charge from the said pump cylinders to the head clearance chamber of the adjacent end cylinders, ports formed in the wall of the lesser diameter of each two diameter end cylinders, a four crank throw crank shaft, a separate connection between each of the four pistons and the crank shaft, each piston being connected to a separate crank throw, the

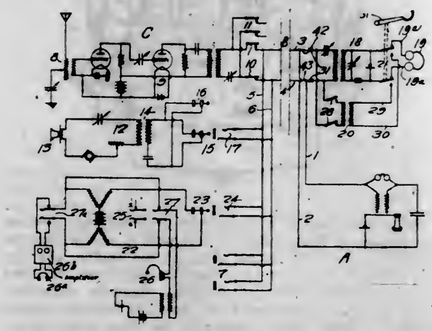
second piston from either end being late in the direction of crank rotation, a sufficient number of degrees relative to the first crank from the same end so as to cause the piston with said second cylinder from the given end, to reach head end dead center at the time the transfer valve in the head of the adjacent end cylinder closes.

1,576,307. PIPE HANGER. JOHN J. CASEY, Gloucester, Mass. Filed Jan. 31, 1924, Serial No. 689,640. Renewed Feb. 5, 1926. 3 Claims. (Cl. 248—31.)



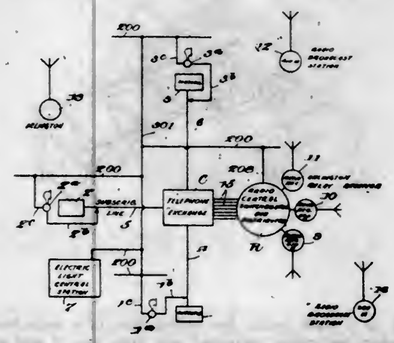
2. A hanger for pipes consisting of a base plate, attaching means therefor extending upwardly, a pair of downwardly extending parallel arms formed integral with said base plate, with openings spaced apart in opposite pairs down the middle of said arms, a lower U-shaped member having a loop for supporting the pipe and two upwardly extending parallel arms held in sliding engagement with the base arms, the said lower arms being fitted with claw fingers at their upper ends adapted to engage in the openings in the base arms.

1,576,308. COMBINED BROADCAST RECEIVING AND TELEPHONE SYSTEM. EDWARD B. CLEMENT, Washington, D. C., assignor to Edward F. Colladay, Washington, D. C. Filed Oct. 27, 1922. Serial No. 597,422. 10 Claims. (Cl. 179—2.)



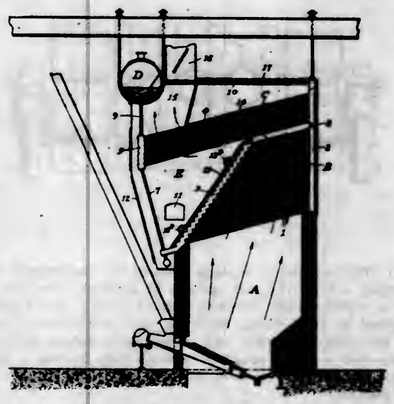
1. The combination with a telephone exchange system having a central office, subscribers' substations, and line circuits connecting the substations with the central office; of means for transmitting modulated super audio frequency carrier currents from the central office over a subscriber's circuit to the subscriber's substation, detector means at the substation for demodulating the same, means for passing the result—and audio frequency curents to line, and means at the central station responsive to said audio frequency currents, whereby a central station operator may listen in on the subscriber's receiving apparatus.

1,576,309. BROADCASTING SYSTEM. EDWARD B. CLEMENT, Washington, D. C., assignor to Edward F. Colladay, Washington, D. C. Filed Oct. 6, 1923. Serial No. 667,024. 16 Claims. (Cl. 179—2.)



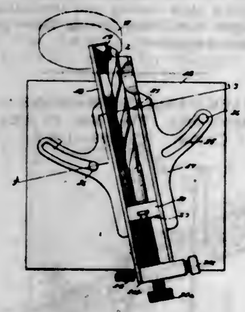
1. In a broadcasting system the combination of a current distributing system comprising a connected network of wires serving a given area, a communication system composed of separate individual wires, subscribers' stations in said area provided with carrier current receiving apparatus, connections from said subscribers' receiving apparatus to said distributing system for receiving waves broadcasted thereon, other connections from said subscribers' receiving apparatus to said individual wires for individually receiving and transmitting electrical impulses or waves thereover, and a central broadcasting station connected for transmitting to said distributing system of wires, and also having access to said individual wires for communication thereover with the individual subscribers' stations.

1,576,310. WATER-TUBE BOILER. ALFRED COTTON, St. Louis, Mo., assignor to Heine Boiler Company, St. Louis, Mo., a Corporation of Missouri. Filed Mar. 20, 1922. Serial No. 545,134. 11 Claims. (Cl. 122—308.)



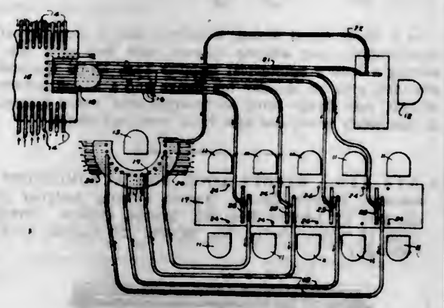
1. A water tube boiler provided with a main tube bank composed of tubes that diminish in length in the direction in which the gases flow through the boiler, an inclined header structure arranged between the said bank and one wall of the boiler setting so as to form a dust collection chamber between said wall and header structure, and a top tube bank arranged so that a portion of same extends beyond said header structure and over said dust collection chamber.

1,576,311. MECHANISM FOR USE IN GRINDING TWIST-DRILL POINTS AND THE LIKE. BENJAMIN M. DUD JARDINE, West Hartford, Conn. Filed Mar. 25, 1921. Serial No. 455,486. 8 Claims. (Cl. 51—219.)



1. In combination, a grinding wheel, a carrier mounted entirely outside of the plane of said wheel and to one side face thereof and having adjustment to and from said side face of said grinding wheel and also being mounted for adjustment for movement in a curved path about a center adjacent said side face, a drill holder on said carrier, and means for adjusting said carrier to and from said face to change the center about which it turns relative to the grinding wheel.

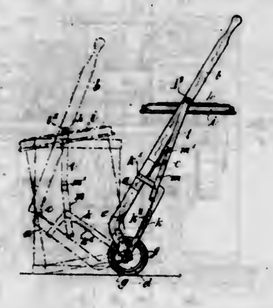
1,576,312. CENTRAL-STATION APPARATUS FOR PNEUMATIC-DISPATCH SYSTEM. WILLIAM H. DINSMORE, New York, N. Y., assignor to G & G Atlas Systems, Inc., New York, N. Y., a Corporation of New York. Filed Sept. 5, 1925. Serial No. 54,624. 9 Claims. (Cl. 243—6.)



1. In a central station installation for pneumatic dispatch systems, a relay station at which carriers are received from outlying stations, a plurality of operators' stations to which carriers are dispatched by an operator at the relay station, and a dispatching station to which carriers are transmitted by the operators for return dispatch to the outlying stations from which they were received by the relay station.

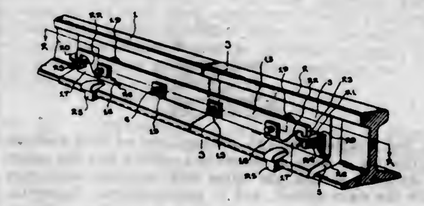
1,576,313. HAND TRUCK. JAMES J. DOLAN, New Rochelle, N. Y. Filed June 27, 1925. Serial No. 39,915. 6 Claims. (Cl. 214—65.4.)

1. In a hand truck, a main frame composed of two portions hingedly connected, a cross member at the lower end of the main frame to engage the article to be transported, a clamping member carried by the upper portion



of the main frame to engage the top of the article to be transported, and locking devices to retain the parts in clamping position.

1,576,314. LOCKING DEVICE FOR RAILROAD-TRACK JOINTS. EDD DOZIER, Versailles, Ky., assignor of one-half to Carl H. Ledendecker, Versailles, Ky. Filed Nov. 25, 1925. Serial No. 71,356. 3 Claims. (Cl. 238—262.)

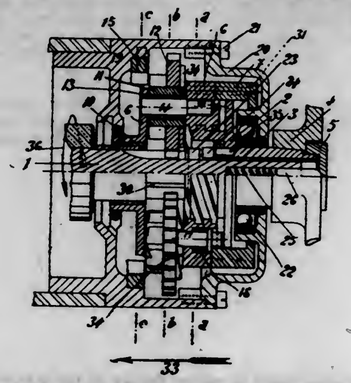


1. In a locking device for railroad track joints, the combination with adjoining end portions of a pair of rails including fish plates positioned in contact with the webs of the rails with bolts passing through said parts and nuts thereon to hold them together, of plates mounted upon the end bolts and provided with lateral ears, and a locking element with notches applicable to the nuts in a vertical direction parallel with one of the fish plates and having downwardly extending end projections passing through the ears, and provided with means to hold them in position and preventing upward movement of the element.

1,576,315. SELF-STARTER FOR MOTOR VEHICLES. PAUL DUFOUR, Belfort, France, assignor to Societe Anonyme pour l'Equipement Electrique des Vehicules, Issy-les-Moulineaux, France, a Joint Stock Company of France. Filed June 26, 1925. Serial No. 39,707. 7 Claims. (Cl. 74—59.)

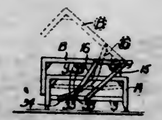
1. In a gear for starting the engine of a motor vehicle, the combination of the dynamo shaft, the engine shaft, a planetary train comprising a central pinion, a planet wheel and a planetary track ring interposed between said dynamo shaft and said engine shaft, a screw parallel with the dynamo shaft, means connecting said screw to said engine shaft, a nut screwing on said screw,

means connecting said nut to said planet wheel so that said planet wheel is fast with said nut in its translations parallel to the dynamo shaft and can thus escape



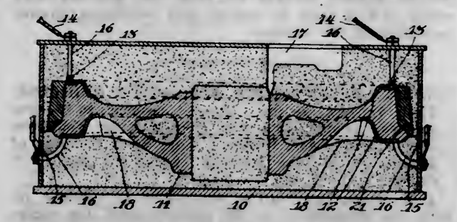
from said planetary track ring, means operated to said planet wheel as it escapes by translation from said planetary track ring, the said means effecting direct engagement of said dynamo shaft and said engine shaft.

1,576,316. EXTENSION OR PULL-OVER BED. WILLIAM J. DUVALL, St. Louis, Mo., assignor to Smith & Davis Mfg. Co., St. Louis, Mo., a Corporation of Missouri. Filed Mar. 21, 1924. Serial No. 700,854. 1 Claim. (Cl. 5—22.)



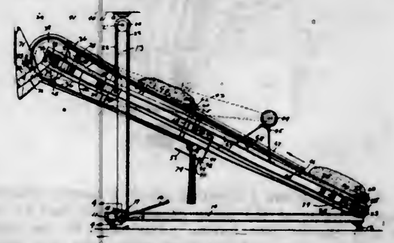
A bed composed of two sections, one of said sections constituting a main or supporting section and the other an extension section, the latter being normally supported above the main section, and in spaced relation therewith, and being movable through an arc to a position adjacent to and in the same plane with the main section, means for maintaining said extension section in parallelism with the main section throughout its entire arc of movement, and said last mentioned means being arranged to permit tilting said extension section upwardly in a direction opposite to that in which it moves when extended.

1,576,317. METHOD OF FORMING REENFORCED CASTINGS. CARL E. EKLIND, Berwyn, Ill. Filed Apr. 16, 1925. Serial No. 23,469. 3 Claims. (Cl. 22—204.)



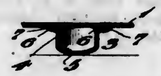
1. The method of forming reenforced cast wheels comprising preheating preformed reenforcing pieces of one metal in a mold to substantially the highest temperature they will stand without losing their shapes, the pieces being so placed in the mold that one will be on the outside of each face of the finished wheel, then pouring a molten metal of a different quality and at a temperature in excess of its melting point into the mold against and between the reenforcing pieces, such reenforcing pieces absorbing such excess heat and welding with the poured metal, the metals then cooling and shrinking together to form an integral cast wheel having faces provided with exposed reenforcing pieces.

1,576,318. SACK-HANDLING MACHINE. IRA T. ENGLISH, Portland, Oreg. Filed Mar. 19, 1924. Serial No. 700,200. 7 Claims. (Cl. 198—178.)



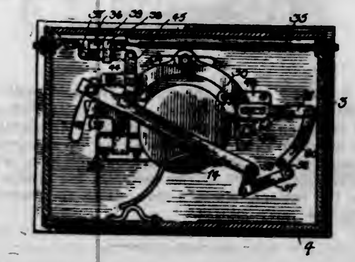
1. A sack emptying machine having, in combination, a conveyor; and a sack holding means on said conveyor adapted to engage the closed end of open sacks while they pass around the discharge end of said conveyor in an inverted position.

1,576,319. DRIP AND OTHER REFREGERATOR PAN. OLIVER MILLER FAGLEY, Philadelphia, Pa. Filed Jan. 9, 1924. Serial No. 685,121. 1 Claim. (Cl. 220—69.)



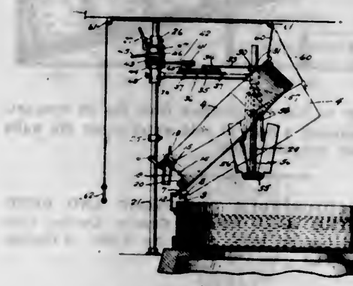
In a sheet metal vessel, a bottom and a plurality of noncorrodible feet secured thereto, said feet each comprising a hollow cylindrical member open at its top and provided with an annular top flange and a closed convex bottom, said flange being soldered to said vessel bottom to completely cover and hide from view said flange.

1,576,320. SAFETY LOCK FOR AUTOMOBILES. GEORGES FORTIN, Quebec, Quebec, Canada, assignor of one-half to Adjutor Brulotte, Quebec, Canada. Filed June 18, 1925. Serial No. 38,070. 10 Claims. (Cl. 200—45.)



1. A circuit control device comprising in combination with a housing and a switch mounted therein, a lever pivoted in said housing and connected to the blade of the switch, a slide mounted in said housing and operable by said lever, an obstructing member carried by said slide and adapted to enter the path of said lever, a lock attached to said housing, and a bolt connected to said slide and adapted to enter said lock.

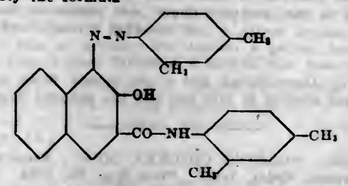
1,576,321. MECHANISM FOR FRYING POTATO CHIPS AND THE LIKE. CHARLES B. GASSER, Reading, Pa. Filed Sept. 22, 1923. Serial No. 664,182. 8 Claims. (Cl. 53—7.)



1. A cooking apparatus including a fat kettle and a basket therein for containing the articles to be cooked, means for raising and supporting the body above the kettle in a position to permit draining, and means for preventing one side of the basket elevating beyond a predetermined position during the raising of the basket out of the kettle to cause the basket to tip into a position in which the contents will discharge by gravity.

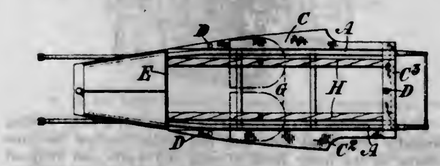
1,576,322. AZO DYE. JOSEF HALLER, Leverkusen, Germany, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Filed Nov. 7, 1925. Serial No. 67,655. 4 Claims. (Cl. 260—96.)

2. As a new product the azo dyestuff having most probably the formula



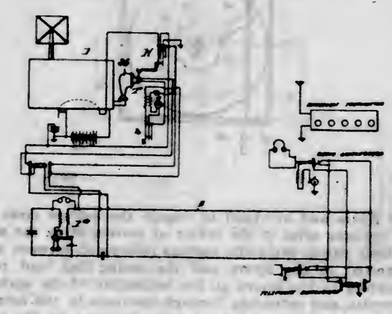
which is a deep red powder, practically insoluble in water, soluble in concentrated sulfuric acid with a violet color and yielding by reduction asymmetrical-m-xylidin and 1-amino-2-hydroxy-3-naphthoic acid-asymmetrical-m-xylidid.

1,576,323. MOTOR VEHICLE. EDWARD AXELSON HELLSTRAND, Guildford, England. Filed May 26, 1925. Serial No. 33,006. 1 Claim. (Cl. 296—28.)



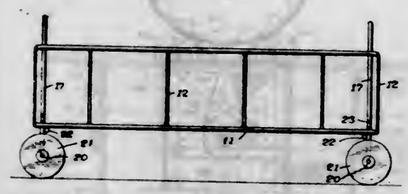
In a motor vehicle the combination of a chassis frame, longitudinal sills mounted thereon, detachable seats carried solely thereby and out of contact with said chassis frame, and a detachable body shell, mounted upon its own supporting frame, said frame engaging the chassis at three points only, the remainder of the body shell supporting frame being spaced from said chassis frame.

1,576,324. RADIOPHONE BROADCASTING SYSTEM. JAMES B. HOGE, Cleveland, Ohio, and EDWARD E. CLEMENT, Washington, D. C., assignors, by direct and mesne assignments, to Edward F. Colladay, Washington, D. C. Filed Aug. 22, 1922. Serial No. 583,559. 1 Claim. (Cl. 250—6.)



In a communication system, a plurality of receiving stations all having receiving apparatus permanently tuned to a fixed standard wave length, a common transmitting station equipped with transmitting apparatus, means for tuning and operating said transmitting apparatus with reference to the fixed wave adjustment of said receiving stations, and means controlled from the transmitting station for determining when the receiving apparatus at a receiving station is operating in resonance to the transmitted wave.

1,576,325. CONVERTIBLE CART. RUDOLPH A. HOPF, New York, N. Y., assignor to Averill Manufacturing Corporation, New York, N. Y., a Corporation of New York. Filed Mar. 13, 1924. Serial No. 699,101. 6 Claims. (Cl. 280—47.)

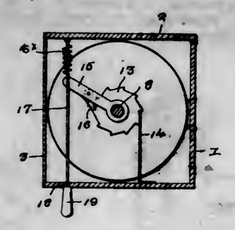


1. A structure of the kind described comprising a body having vertically spaced flattened sockets extending for a substantial distance transversely thereof, and supports detachably connected to the body having shanks to fit the said sockets.

1,576,326. BULLETIN CABINET. ISAAC LEE HORNE, West Graham, Va., assignor of one-half to Philip Burkett, West Graham, Va. Filed Aug. 29, 1924. Serial No. 734,972. 1 Claim. (Cl. 40—69.)

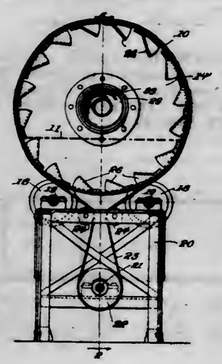
The combination in a bulletin cabinet, of a casing body having display openings in one wall thereof indicating wheels supported in said casing body opposite the said display openings and adapted to bear on their peripheries and in spaced relation with respect to each other data items of various description, ratchet disks fixed to said

wheels at the sides thereof, right angled shaped resilient pawls rising vertically from and fixed to the bottom of the casing body and having their upper ends bearing against the peripheries of the ratchet disks respectively at one side of the center of movement thereof, vertically swinging levers arranged alongside said ratchet disks and movable about said center of movement, dogs carried by



said levers and arranged to engage the ratchet disks at the opposite sides of the center of movement to the said resilient pawls, retractile springs interposed between and connected to the levers and the casing top, and rods connected to the levers at the connection of the springs therewith and extending through openings in the bottom of the casing body and hand grasp portions on the rods and arranged below said bottom.

1,576,327. HANDLE-PAINTING MACHINE. JAMES H. HUGHES, Canton, Ohio. Filed Feb. 18, 1925. Serial No. 10,117. 7 Claims. (Cl. 91—18.)



1. A painting apparatus of the character described, comprising a container through which each article to be painted is adapted to be passed, said container being adapted to be partly filled with paint, means for conveying the paint in predetermined quantities to points above the article and subsequently splashing the article therewith, and means for wiping each article as it is taken from the container.

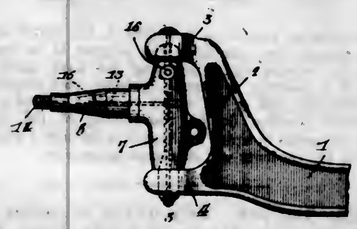
1,576,328. REFRIGERATING CABINET. HIRAM D. IRWIN, Beckley, W. Va. Filed June 12, 1925. Serial No. 36,719. 7 Claims. (Cl. 62—37.)

1. A refrigerating cabinet comprising an inclined cabinet body having an overflow at its lower end, and an ice compartment at its upper end, a plurality of storage compartments within the body, and damming baffles within the body arranged between successive ones of the storage



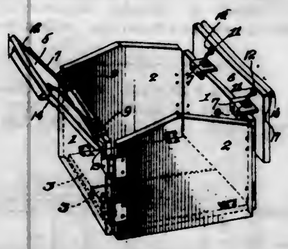
compartments to dam the overflow from the ice compartment and maintain a body of cold water about the walls of the storage compartments.

1,576,329. ADJUSTABLE DUSTPROOF AND RUSTPROOF AXLE. ISAIE JACQUES, Granby, Quebec, Canada. Filed Jan. 22, 1925. Serial No. 4,099. 2 Claims. (Cl. 280—96.1.)



1. A dust and rustproof axle comprising a yoke having a pair of fingers extending therefrom, one of said fingers having a cavity formed in its inner surface, the remaining finger having a threaded aperture, a spindle having one end received in said cavity and its remaining end resting on the apertured finger, said remaining end having a conical cavity, a nut threaded through said aperture and having a conical end received in said conical cavity, said bolt having a lubricant duct formed longitudinally therethrough and a pin loosely fitted in said duct and secured to said nut and the opposite finger.

1,576,330. FOLDING CHICKEN COOP. EMANUEL A. KAMBREB, Cedar, Iowa. Filed Mar. 25, 1924. Serial No. 701,798. 4 Claims. (Cl. 119—19.)



3. In a device of the character described, a body having hingedly connected side and end walls, bottom sections hinged to the inner faces of said end walls and adapted to be swung upwardly to a folded position against the inner faces of said end walls, means for supporting said bottom sections in a horizontal position between the walls when swung downwardly to an operative position, cover

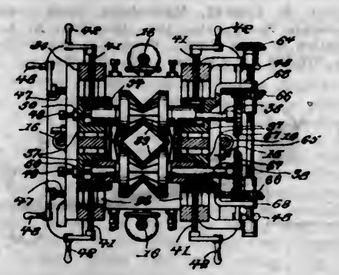
sections adapted to rest upon the upper edges of said side and end walls when closed, brackets carried by said side walls and having portions extending outwardly therefrom and provided with openings, and rods carried by said cover sections and extending transversely across the inner faces thereof and through the openings, in said brackets to slidably and pivotally mount the cover sections for movement from a closed position upon the upper edges of the walls to an open position against the outer faces of the side walls.

1,576,331. AUTOMATIC VALVE. EDWARD G. KELLEY and CHARLES ZIEKLE, Greenville, Ohio. Filed June 30, 1925. Serial No. 40,583. 5 Claims. (Cl. 137—69.)



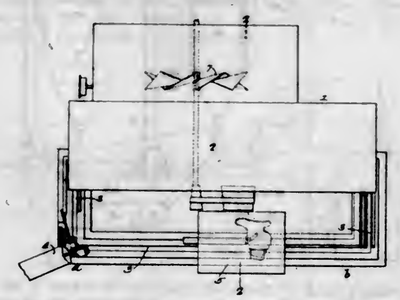
1. A valve of the character described comprising, a chambered head, tubular means carried thereby and opening into the chamber for connecting the head to a compression flush tank, said head having an air inlet thereinto, check means arranged in said tubular means allowing air to pass into said tank through said head, and means for closing said air inlet to said head in the event of the failure of said check.

1,576,332. HYDRAULIC INGOT-TRIMMING PRESS. ALPHONSO DE CLAUDE KESSLER, Dunkirk, N. Y. Filed Aug. 31, 1923. Serial No. 660,410. 9 Claims. (Cl. 90—16.)



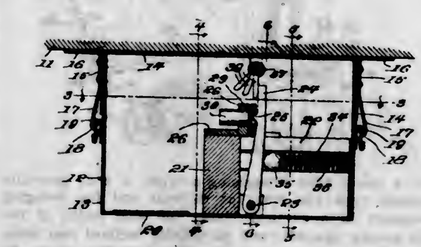
4. In an ingot trimming machine, a supporting frame, upper and lower pairs of cutters journaled therein, the cutters of one pair being arranged at right angles to those of the other pair whereby to act upon opposite sides of the ingot, means for rotating all of the cutters simultaneously, a guide cage carried by the frame in alignment with the opening between the cutters, chute means for leading an ingot into the cage, and a hydraulic press carried above the frame and having a depending plunger entering the cage for feeding the ingot through the cutters, and means for adjusting the cutters toward or from each other whereby to vary the distance between them to accommodate ingots of different sizes.

1,576,333. METHOD OF FINISHING HOSIERY. FREDERICK J. KIENEL and WALTER M. SCHWARTZ, Philadelphia, Pa., assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Oct. 18, 1921. Serial No. 508,488. 1 Claim. (Cl. 223—17.)



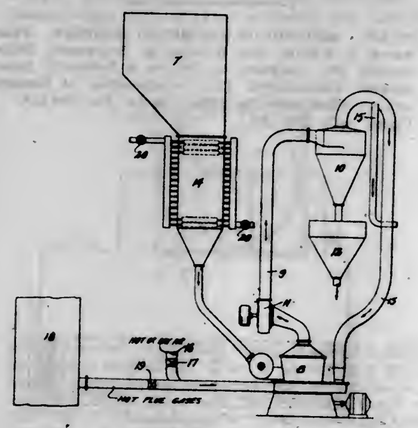
The method herein described of finishing stockings, said method consisting in placing the stockings on forms while in a dry condition; passing the stockings while on the forms through a moistening chamber in which they will receive the proper degree of moisture; straightening the stockings while on the forms after they leave the moistening chamber; and then passing the stockings while on the forms through a drying chamber in which the heated air is circulated in direct contact with the stockings.

1,576,334. BURGLAR ALARM. FRANK J. KOKAL, Herminie, Pa. Filed Oct. 17, 1924. Serial No. 744,284. 1 Claim. (Cl. 116—87.)



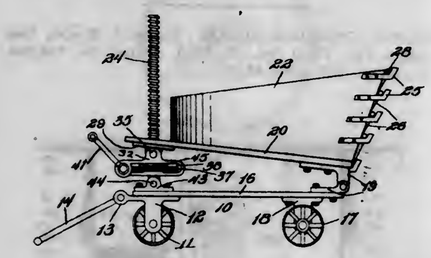
An alarm including a casing, a block in said casing having spaced slots and openings communicating with said slots, a cartridge holder on said block adapted to contain a plurality of cartridges, a hammer for each cartridge, said hammers being pivoted beneath the block and movable in said slots, springs in said openings and bearing against said hammers for normally forcing them toward their respective hammers and means for engaging said hammers for moving them against the tension of said springs whereby said tension will forcibly move said hammers toward the cartridges upon release of said hammers.

1,576,335. PULVERIZATION OF COAL. HENRY KREISINGER, Piermont, N. Y., assignor to Combustion Engineering Corporation, New York, N. Y., a Corporation of New York. Filed Jan. 16, 1925. Serial No. 2,718. 12 Claims. (Cl. 83—11.)



1. The herein described process of pulverizing coal which consists in pulverizing the coal in the mill of a system including a separator and air as a carrying medium, and in preheating the coal to be pulverized to a point such that the sensible heat of the coal in pulverization is sufficient to dry the coal for transport and in the presence of the carrying air.

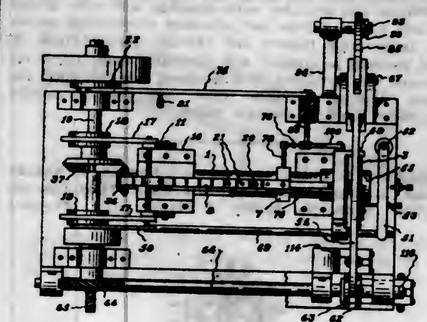
1,576,336. GRAVE FILLER. WILHELM KRONSBEIN, Campbell Hill, Ill. Filed Dec. 18, 1924. Serial No. 756,790. 4 Claims. (Cl. 298—19.)



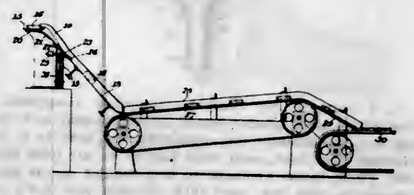
1. A grave filler comprising a truck, a body pivotally mounted upon the truck at its rear end for swinging movement in a vertical plane, the side walls of the body having upwardly and rearwardly inclined rear ends, supporting irons mounted one below another upon he rear ends of the side walls and projecting beyond the side walls and having upwardly turned rear ends, and a plurality of end gates having trunnions engaging said irons, the end gates being thereby mounted for independent removal and said gates normally closing the rear end of the body.

1,576,337. ELBOW-MAKING MACHINE. AUGUST D. KUMPF, Philadelphia, Pa. Filed May 16, 1925. Serial No. 30,806. 27 Claims. (Cl. 153—69.5.)

1. In an elbow making machine, tube creasing means, corrugating hammers for corrugating sections of the tube, tails on said hammers, cam levers for operating said hammers normally engaging said tails, means supporting said hammers to permit limited lateral movement of the hammers to move them out of engagement with said levers.



1,576,338. BRICK HACKING. JAMES B. LADD, Ardmore, Pa. Filed Dec. 3, 1918. Serial No. 265,082. 9 Claims. (Cl. 214—1.1.)



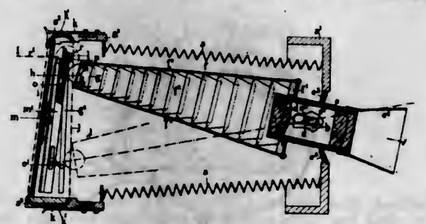
1. The method of hacking bricks which consists in transferring the bricks from the pallets, upon which they come from the driers, to a hacking table, part of said movement being caused by gravity, and up-edging the bricks during the gravity movement.

1,576,339. METHOD OF MAKING POROUS CANDY. PHILIP B. LASKEY, Marblehead, Mass., assignor to Chocolate Sponge Co., Inc., Brooklyn, N. Y., a Corporation of New York. Filed Nov. 24, 1923. Serial No. 676,756. 2 Claims. (Cl. 107—54.)



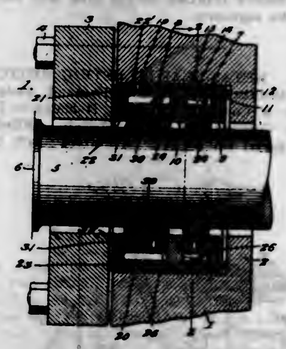
1. The process of making porous candy which consists in forming a plurality of separate longitudinal corrugated streams of candy material, pulling said streams of candy while they are separated and while the candy material forming the streams is still in a tacky condition, bringing portions of said elongated streams into adhering contact to form a cellular candy structure, and then further pulling said cellular candy structure.

1,576,340. SYSTEM OF PHOTOGRAPHIC APPARATUS WITH CURVED FOCUS. HENRI EMILE LE PROVOST, Argenteuil, France. Filed Mar. 6, 1924. Serial No. 697,362. 7 Claims. (Cl. 95—15.)



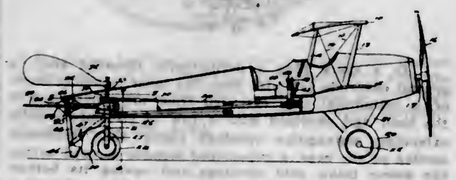
1. In a photographic apparatus, an objective adapted to give a curved image from a plane object and rotatable about an axis, a curved film carrier associated with said objective, the generatrix of curvature of the film carrier being at right angles to the axis about which the objective rotates, a film mounted on said carrier and curved similarly to the latter, and means for causing the film carrier to rotate about an axis parallel to the first mentioned one, during the rotary movement of the objective.

1,576,341. METALLIC PACKING FOR PISTON RODS. CHARLES H. LOVE, Mattoon, Ill. Filed Sept. 12, 1923. Serial No. 662,185. 1 Claim. (Cl. 286—24.)



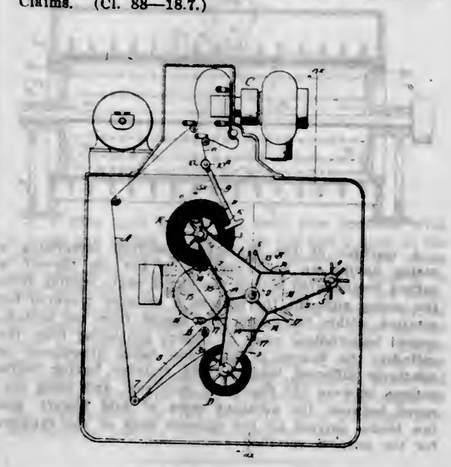
In a device of the character described, the combination with a piston rod, a hollow casing, and a gland secured thereto, of substantially L-shaped inner and outer casing rings interposed between the hollow casing and the gland, the inner extensions of said casing rings having openings therethrough of sufficient size to allow the passage of the piston rod, the inner casing ring having a groove on one side thereof, a ring received in said groove, each of said inner and outer casing rings having flanges extending outwardly in the same direction therefrom, said flanges having circumferential grooves formed at the outer edges thereof, an inwardly extending flange formed on the outer casing ring and received in the groove in the inner casing ring, forming an internal chamber within said inner casing ring, a cap ring interposed between the outer casing ring and the gland and having an inwardly extending flange received within the groove formed in the outer casing ring, forming an internal chamber within said outer casing ring of a greater width than the first-mentioned chamber, sectional packing rings closely embracing the piston rod within the internal chambers, a substantially L-shaped sectional joint ring embracing the piston rod and interposed between the outer packing ring and the cap ring within the wider internal chamber, a second joint ring fitted over and embracing a portion of said sectional joint ring and interposed between said sectional joint ring and the cap ring, said packing rings having circumferential grooves in the peripheries thereof, and having radial holes extending inwardly at points within the grooves, segmental springs received within said grooves and having the outer free ends thereof engaging the walls of the internal chambers for holding the springs within the grooves for compressing the packing rings, and dowel pins secured to the springs and extending into the holes for holding said springs against endwise movement.

1,576,342. AEROPLANE. FRANK MCELHANEY, Morgantown, W. Va. Filed Aug. 15, 1925. Serial No. 50,451. 10 Claims. (Cl. 244—29.)



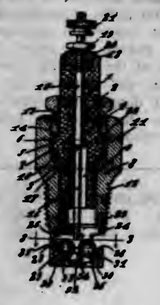
1. In a device of the class described, a body portion, planes mounted thereon, propelling mechanism, a vertical shaft mounted for rotatable and vertical movement, a stem rotatable with the shaft, and slidably vertical with reference thereto, rudders carried by the shaft and by the stem, and controlling means for shifting the rudders simultaneously.

1,576,343. APPARATUS FOR WINDING AND UNWINDING FILMS. GEORGE R. MACOMBER, Chicago, Ill. Filed Aug. 24, 1921. Serial No. 495,007. 20 Claims. (Cl. 88—18.7.)



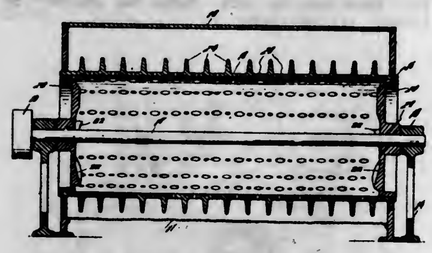
1. In a film winding apparatus, a winding spool, a spool revolving member, means for directing a film between the spool and the revolving member, and means for bringing the spool and revolving member together into spool-revolving relation, thereby clamping the film therebetween.

1,576,344. SPARK PLUG. STUART MACPHERSON and JAMES C. POETER, Pittsburgh, Pa. Filed June 5, 1925. Serial No. 35,127. 2 Claims. (Cl. 123—169.)



1. In a spark plug a peripherally threaded shell, a central electrode extended from the inner terminus thereof, a cylindrical cage extended from the inner edge of the shell and provided with a row of circumferentially extending rectangular openings above the transverse median of the cage, a cup-shaped member secured within the sleeve below said openings and having its bottom flush with the inner end of the cage and formed with a series of openings, said member having centrally disposed means carried by the upper face of the bottom thereof, extending towards the openings in the cage and coacting with the edge of said member to provide an annular ball race, and a plurality of auxiliary electrodes of spherical contour shiftable in and projecting from said race and spaced from said central electrode.

1,576,345. COTTON-CLEANING CYLINDER. CELSTINO MARTINEZ, San Diego, Tex. Filed May 23, 1925. Serial No. 32,419. 1 Claim. (Cl. 19—97.)



A machine of the character described comprising a casing having an inlet opening in the top thereof, a curved foraminated bottom, an outlet chute leading from the casing adjacent the bottom, a cylinder mounted for rotation within the casing and spaced from the bottom, spaced longitudinal rows of fingers projecting from the cylinder, the fingers of each row being alternately of relatively different lengths, said cylinder having perforations between the fingers of each row, and being concaved between the adjacent rows of said fingers, and fan blades carried by the opposed ends of the cylinder for the purpose specified.

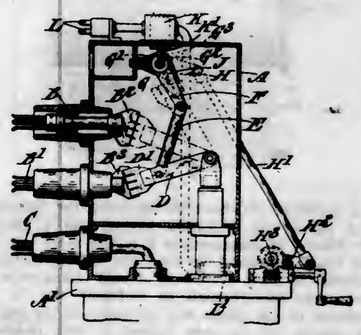
1,576,346. GAUGE. GLENN MENDELL, Moran, Kans. Filed July 14, 1924. Serial No. 726,012. 5 Claims. (Cl. 33—178.)

1. A gauge comprising an annular casing, an annular series of gauge segments mounted within the casing for radial adjustment, and each having a seat in one face disposed intermediate its width and extending radially of the casing, ribs carried by said casing and fitting into said seats to guide sliding movement of the gauge elements, a rotatable adjusting ring in the casing, having grooves extending chordally with relation to the



periphery of the ring and in crossed relation to said ribs at oblique angles thereto, and studs upon the segments disposed over said ribs and engaging in the said grooves whereby rotation of the ring will effect adjustment of the segments.

1,576,347. METAL-CLAD ELECTRIC SWITCH GEAR. JAMES MIERRY, East Boldon, England, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England, a Company of Great Britain. Filed Sept. 3, 1925. Serial No. 54,347. 8 Claims. (Cl. 200—150.)

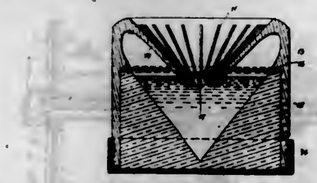


1. In electric switchgear of the metal-clad horizontal draw-out type for a duplicate busbar system, the combination with the movable or draw-out portion of the switchgear, of a main switch, a hood or casing carried by said movable portion, duplicate busbar connections mounted on said casing, at least one switch arm or connector within the casing adapted to connect either of said busbar connections to one pole of the main switch, and means outside the casing for operating said switch arm or connector.

1,576,348. INKWELL. MARTIN F. MORAN, Nekoma, Kans. Filed Feb. 24, 1925. Serial No. 11,251. 3 Claims. (Cl. 120—57.)

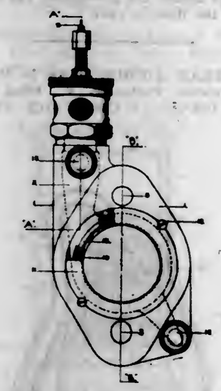
1. An ink well comprising a cover formed with a re-entrant funnel and with an internal annular shoulder,

a body telescoping within said cover and having an annular terminal edge co-acting with said shoulder, a cap engaging said body and screwed upon the lower end



of said cover, and a gasket fitted between said shoulder and edge and compressed when said cover and body are screwed together.

1,576,349. SUPPLY OF AUXILIARY AIR TO INTERNAL-COMBUSTION ENGINES. ARTHUR HARRIMAN MOSS, Misterton, England. Filed June 22, 1925. Serial No. 38,895. 4 Claims. (Cl. 48—180.)



1. In a device for admitting an auxiliary supply of air to the fuel mixture in the induction pipe of an internal combustion engine, the combination of a body having a boring adapted to form part of the induction pipe and provided with an annular recess forming an enlargement of that boring, a valve communicating by a passage in the body with the recess and a coiled wire in annular form disposed to provide a partition having jet-producing apertures between the recess and boring, substantially as specified.

1,576,350. HAT-CROWN-ADJUSTING DEVICE. GEORGE W. MURPHY, Philadelphia, Pa., assignor to International Harvest Hat Company, St. Louis, Mo. Filed Aug. 4, 1925. Serial No. 48,118. 2 Claims. (Cl. 2—197.)

1. The combination with the crown and brim of a hat, of a series of upstanding, looped, spaced, narrow, endless coupling members, each forming in itself a complete loop and having its lower terminal portion fixedly secured solely to the inner portion of the upper face of said brim and the remaining portion free of connection with and arranged against the outer periphery of the base of the crown, said members positioned at the front, rear and one side of the crown, a slidable band in the form of an adjustable strap extending through all of said coupling members, positioned against parts of the sides, front and rear of the outer periphery of the base of the crown and free of direct connection therewith throughout, and a slide buckle bearing against a part of the outer periphery of the base of the crown and slidably engaging with and having portions of its outer face permanently overlapped by the free end terminal portions of the strap for adjustably connecting the ends



of the latter together to vary the length of that portion of the strap between the ends of the buckle to vary the size of the base of the crown and further to bind said coupling members and strap against the outer periphery of the base of the crown.

1,576,351. PROCESS OF MAKING CONCENTRATED SOUR MILK. AMOS NEUBAUER, Bluffton, Ind. Filed Jan. 19, 1924. Serial No. 687,870. 3 Claims. (Cl. 99—11.)

2. A process which comprises concentrating skim milk to about 4 to 1 concentration, souring the product at about 90 to 100° F., up to an acidity of over 4% and then homogenising the product.

1,576,352. HOOK. PETER AUGUST NORDLING, Gottenborg, Sweden. Filed Mar. 21, 1925. Serial No. 17,894. 2 Claims. (Cl. 24—233.)

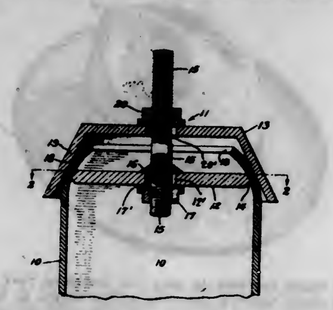


1. A snap hook including a body part provided with a recess and having an eye at one end and a hook at the other end, a spring pressed lever pivoted in the recess and adapted to close the hook but normally tending to open outwardly, an offset, on the inner end of the lever, a spring pressed pivoted catch arranged entirely within the recess and normally engaged with the offset on the lever but adapted to be manually lifted from engagement therewith to permit of opening of the lever and the outer end of the catch bearing against the inner end of the bolt when the latter is released to also assist in the maintenance of the lever in open position, substantially as and for the purposes set forth.

1,576,353. PIPE CAP. HAROLD E. OLSEN, Bronx, N. Y. Filed Apr. 17, 1925. Serial No. 23,997. 2 Claims. (Cl. 137—76.)

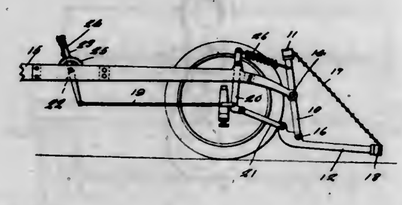
1. A closure comprising a disk, the periphery of which is adapted to engage the inner curved walls of the inwardly bent end of a ductile pipe, a cap having annular outwardly flared side walls adapted to engage the outer walls of the bent end and which co-acts with the

disks for clamping the walls of the bent end therebetween, a threaded stud, said disk and cap having openings therein of a diameter greater than the diameter of the stud, and a clamping nut co-acting with the threads of said stud for engagement with said cap.



2. In combination with a ductile pipe having inwardly bent curved walls at one end thereof, a disk within said pipe and having its periphery in engagement with the inner curved walls of said pipe, a stud removably associated with said disk and extending beyond the curved walls of the pipe, a cap having an outwardly flared annular wall for wedging engagement with the exterior of the inwardly bent curved walls at a point adjacent the periphery of said disk, and a clamping nut associated with the thread on the outer end of said stud for maintaining said stud and disk in compressing relation.

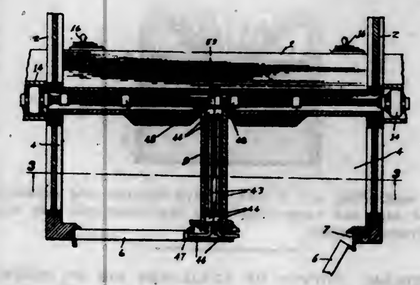
1,576,354. BUMPER. ARTHUR JAMES OWSLEY, Gary, Ind. Filed Oct. 10, 1925. Serial No. 61,735. 2 Claims. (Cl. 293—41.)



1. A safety bumper for vehicles comprising two sections pivotally mounted upon the vehicle, and also pivotally connected together in a manner whereby said sections can be simultaneously adjusted to cause said sections to occupy parallel positions in advance of the vehicle, or positions at right angles to each other, a sheet of fabric connecting the outer extremities of said sections and adapted to be extended when the latter assumes the latter mentioned position, and adapted to be folded or collapsed when the sections are arranged parallel, slats forming part of the lowermost section and upon which said fabric is adapted to repose when folded, and means operable from within the vehicle for controlling the movement of said sections.

1,576,355. TELLER'S CAGE. FRANK PELIKAN, San Francisco, Calif. Filed June 8, 1925. Serial No. 35,833. 21 Claims. (Cl. 20—1.01.)

1. The combination with a teller's cage having a customer's window therein, of a booth arranged outside of said window and having an entrance; a door arranged to open and close said entrance; a shutter movable to open and close the customer's window; means



for locking the door in closed position when the shutter is opened; and means for preventing the opening of the shutter when the door is open.

1,576,356. CREAM SIPHON. LEE D. PIERCE and EDWARD W. AUSTEN, Fulton, N. Y. Filed Dec. 30, 1924. Serial No. 758,815. 1 Claim. (Cl. 137—20.)

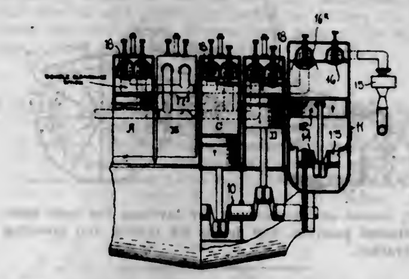


A siphon attachment for bottles, comprising a siphon tube having a uniform outer diameter throughout its length, and an elongated cap enclosing the outer end of the tube and having direct contact throughout its length with the tube for making a substantially air tight joint between the cap and the tube whereby when the cap is withdrawn from the end of the tube sufficient suction is created to draw a liquid over the apex of the tube.

1,576,357. INTERNAL-COMBUSTION ENGINE. VINTON U. D. PIERCE, Washington, D. C.; Josiah Pierce, executor of said Vinton U. D. Pierce, deceased. Filed July 5, 1917. Serial No. 178,692. 5 Claims. (Cl. 123—59.)

1. A multiple cylinder multi-cycle internal combustion engine comprising cylinders and pistons working therein, a carburetor, and an independent pumping means

geared to operate successively in synchronism with the suction stroke of each piston; said means being connected between said carburetor and cylinders and pro-



vided with relatively extended connections whereby substantially complete vaporization of the fuel occurs during the passage of the charge.

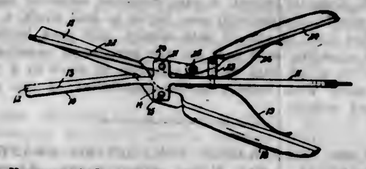
1,576,358. REFRIGERATOR. JOHN S. PIHLSTROM, Mobile, Ala. Filed July 12, 1922. Serial No. 574,357. 1 Claim. (Cl. 45—133.)



In a device of the class described, a casing including legs, a frame and outer perforated walls, inner walls of textile material, a water tank in the upper portion of the casing, a trough surrounding the lower portion of the casing, the textile material extending into the upper tank and into the trough, said trough comprising a structure including a rectangular enlarged portion at each corner, a sleeve projecting upwardly from the center of each rectangular portion and adapted to surround the leg at that point, and narrow channels communicating with the rectangular portions, adapted to receive the lower edge of the textile material, and permitting of the flow of fluid entirely around each leg and the sleeve therefor, and from one of said enlarged rectangular portions to the remainder of said portions, the sleeves being approximately square in cross section and being in alinement with the narrow channels at points of connection thereof with the rectangular enlarged portions.

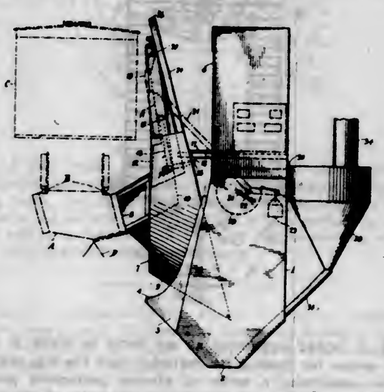
1,576,359. CUTTER. JOHN M. RAUHA, Jr., Owen, Wis. Filed July 27, 1925. Serial No. 46,415. 2 Claims. (Cl. 30—14.)

1. A cutter comprising a main jaw, a handle rigid with said jaw, a cutting blade extending along one edge of the jaw beyond one face of the latter, a handle pivotally mounted on the handle of the main jaw, a cutting blade rigid with the pivotally mounted handle and cooperating with the first mentioned blade, a clamping jaw



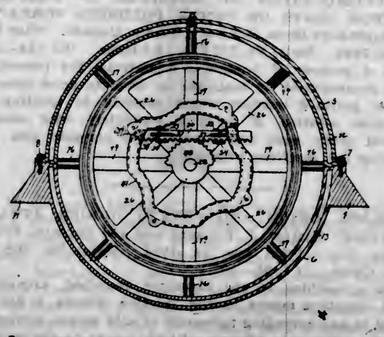
pivotally mounted upon the handle of the main jaw and cooperating with the latter for clamping the material to be cut and means whereby the cutting blades and clamping jaws may be simultaneously operated.

1,576,360. CAR UNLOADER. HENRY RICHARDSON Passaic, N. J. Filed June 27, 1925. Serial No. 40,003. 20 Claims. (Cl. 214—47.)



1. In a grain car unloader embodying a tiltable car carrying bridge and a hopper to receive grain discharged from the car, means adapted to be interposed between a car on said bridge and the receiving hopper to substantially close the space therebetween and thereby confine within the hopper dust from the discharging grain.

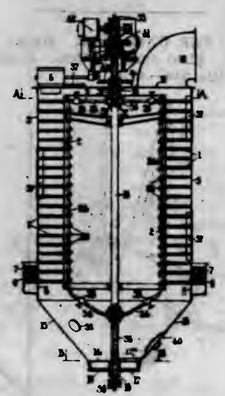
1,576,361. ROTARY ENGINE. FRANK S. ROGERS, Cowell, Calif. Filed July 14, 1924. Serial No. 725,943. 2 Claims. (Cl. 123—11.)



1. In a rotary engine a circular explosive chamber, a shaft centrally positioned with respect to said explosive chamber, a pair of wheels positioned on said shaft,

one of said wheels being keyed to said shaft, said wheels having contacting rims, pistons mounted on the rims of each of said wheels, said pistons overlapping the rim of the opposite wheel, a cam mounted adjacent one of said wheels, a segmental gear keyed to said shaft, a rack slidably held on one of said wheels, said rack having a roller engaging said cam for the purpose of causing the wheel to which said rack is attached to move at a varying speed with respect to the movement of the other of said wheels.

1,576,362. APPARATUS FOR DRYING GRANULAR MATERIAL. FAY HARRY ROSENCRANTS, Kingsway, London, England, assignor to International Combustion, Limited, London, England. Filed Oct. 15, 1924. Serial No. 743,728. 14 Claims. (Cl. 34—23.)



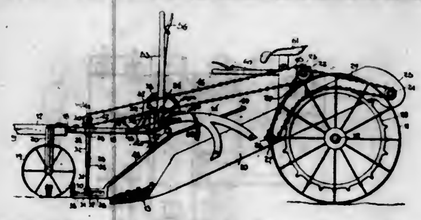
13. A drying apparatus as set forth in claim 2, the said means for feeding the material onto the top carrier plates comprising a series of pivoted perforated plates which support the wet material in the path of the dust at the outlet part of the hot air casing, said perforated plates being arranged to revolve with the said drum and provided with means for tilting them one after another automatically at a predetermined point to discharge the material onto the carrier plates, and a stationary baffle plate arranged over the perforated plates at their point of discharge and while they are tilted.

1,576,363. COMPOSITION FOR PREVENTING THE ACCUMULATION OF MOISTURE IN DROPLETS UPON GLASS OR OTHER POLISHED SURFACES. MADELEINE ROSS, Montreal, Quebec, Canada. Filed Dec. 22, 1924. Serial No. 757,578. 5 Claims. (Cl. 134—27.)

2. A process of producing a material for preventing the accumulation of moisture in droplets upon glass or other polished surface which consists in treating an aqueous solution of gelatine separately with concentrated nitric acid and concentrated chromic acid and mixing the resulting products.

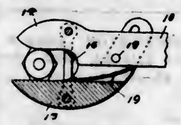
1,576,364. ONION AND POTATO DIGGER ATTACHMENT. SAMUEL J. RUSSELL and JOE GODWIN, Princeton, Tex. Filed Apr. 24, 1924. Serial No. 708,732. 1 Claim. (Cl. 55—107.)

In a machine of the character described, excavating and elevating means having traction wheels, a bracket fixed to and extending forwardly of said means, a wheeled draft appliance in advance of and pivoted to the bracket, a forwardly inclined foot lever having universal joint connection with the bracket, a shoe on the lower end of the lever, a shaft depending from and having universal connection with the draft appliance, a cutter located within the shoe and having slidable connection with the



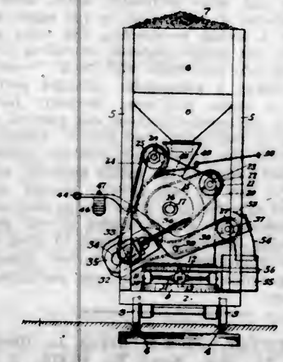
shaft, means on the bracket for latching the foot lever in adjusted position, and means for raising and lowering the bracket.

1,576,365. WRENCH. NATALE SALVUCCI, Detroit, Mich., assignor of one-half to John W. Headley, jr., Kansas City, Mo. Filed Sept. 26, 1924. Serial No. 740,067. Renewed July 24, 1925. 1 Claim. (Cl. 81—117.)



A wrench including a handle, a fixed jaw projecting from one end thereof, a movable jaw spaced from the fixed jaw, links arranged at both sides of the wrench and having their terminals pivotally connected with both the fixed and movable jaws, a leaf spring interposed between the handle and the adjacent side of the movable jaw, and utilized to normally hold the movable jaw parallel with the fixed jaw, a pair of spaced obliquely disposed extensions projecting from one end of the movable jaw and slidably embracing said handle, said extensions having inclined slots, and a pin projecting through the handle and received by said slots, whereby the movable jaw is forced forwardly in advance of the fixed jaw into gripping relation when pressure is applied to the handle.

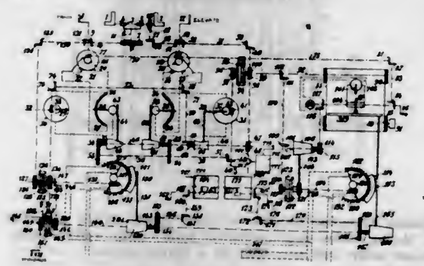
1,576,366. APPARATUS FOR PROJECTING LOOSE MATERIAL. BJARNE H. SCHIELDROP, Pittsburgh, Pa., assignor to Blaw-Knox Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Aug. 16, 1924. Serial No. 732,588. 7 Claims. (Cl. 198—128.)



1. Apparatus for projecting loose material, comprising a pulley mounted to rotate upon a horizontal axis and having a peripheral groove, a belt engaging the core of said pulley at the base of said groove, a belt having its

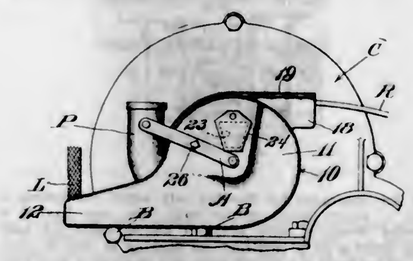
outer surface in engagement with the periphery of said pulley and spanning said groove, said belt being bent around said pulley to engage a substantial arc of its periphery, means for driving said last mentioned belt and rotating said pulley, and means for feeding the material into said groove between said belts at the upper side of said pulley, substantially as described.

1,576,367. APPARATUS FOR CONTROLLING THE FIRING AGAINST AERIAL OBJECTIVES. EUGÈNE SCHNEIDER, Paris, France, assignor to Schneider & Cie., Paris, France, a Limited Joint Stock Company of France, and Joseph Louis Routin, Paris, France. Filed Jan. 5, 1922. Serial No. 527,275. 20 Claims. (Cl. 235—61.5.)



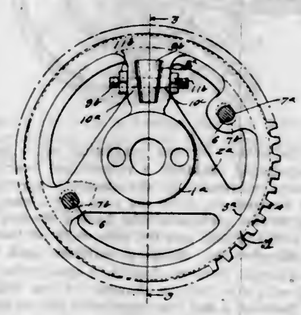
1. In a fire-control system having sighting means, training and elevating means therefor, and a gun provided with indicators which are actuated when the gun is trained and elevated, means operatively connected to said first-named training and elevating means for receiving the angles of elevation and azimuth of the objective from said sighting means, means including conoids operatively connected with said receiving means for determining kinetic corrections for the azimuthal and zenithal velocity of said objective, wind correction means including conoids operatively connected with said receiving means, and means operatively connected with said receiving means, kinetic correction means and wind correction means for transmitting said corrections and angles to said indicators.

1,576,368. TIMER COVER. RICHARD J. SCHOESSOW, Embden, N. Dak. Filed Apr. 25, 1925. Serial No. 25,877. 3 Claims. (Cl. 200—19.)



1. A timer cover for the timers of engines having a timing gear cover against which the timer abuts, said timer cover comprising a plate adapted to confront the timer and having a reduced extension projecting therefrom at one side and of a length to project beyond the edge of the timing gear cover, said plate and its extension having flanges at their side edges, those portions of the flanges adapted to oppose the timing gear cover being shaped to conform thereto, the flange of the plate having a hooded notch for the passage of an operating rod for the timer, said extension and its flanges combining with the timing gear cover to provide a conduit for the lead wires of the timer, the flanges of the extension at that portion thereof projecting beyond the side of the timing gear cover being connected with the exception of the outer ends thereof by a removable cover plate to thereby provide an extension of such conduit.

1,576,369. ADJUSTABLE GEAR WHEEL. WALTER RAY SCHOOLING, Standard, Alberta, Canada. Filed Feb. 14, 1925. Serial No. 9,233. 3 Claims. (Cl. 74—28.)



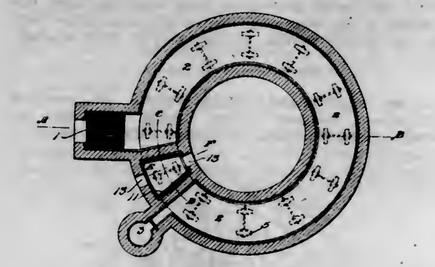
1. A gear wheel comprising substantially similar units connected for relative rotary adjustment and provided with teeth, one of the units having an opening and the other a lug entering said opening, a bolt carried by the lug, and nuts mounted on the bolt and contacting with the unit provided with the opening.

1,576,370. LUBRICATOR. FLOYD L. SCOTT, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a Corporation of Texas. Filed Oct. 6, 1922. Serial No. 592,700. 3 Claims. (Cl. 255—77.)



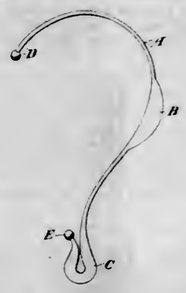
3. In an earth boring drill comprising a head, roller cutters thereon, a water channel through said head, and a lubricator barrel having connections with the bearings of said cutters, the combination of a plunger on the lubricant in said barrel, said barrel having openings above said plunger to allow pressure of flushing fluid to bear on said plunger and additional means connected with said barrel to advance said plunger positively downward a limited distance against said lubricant designed to be manually operated preliminary to introducing the drill into the well.

1,576,371. FURNACE. FRIEDRICH SIEBEL, Crefeld, Germany. Filed Mar. 30, 1925. Serial No. 19,463. 8 Claims. (Cl. 263—28.



1. An industrial furnace consisting of a completely closed ring-shaped chamber, a ring-shaped hearth mounted for rotary movement in the chamber, partition walls extending downwardly from the roof of the chamber into proximity to the surface of the hearth thereby defining together with the roof and the side walls of the chamber a closed chamber for charging material upon and discharging material from the hearth, a combustion chamber connected with the furnace chamber at one side of said charging chamber, a flue connected with the furnace chamber at the opposite side of the charging chamber and means between the hearth and the walls of the furnace chamber providing a gas-tight seal.

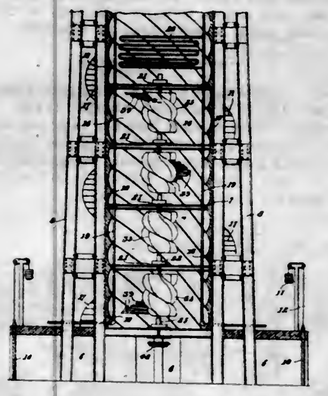
1,576,372. EARRING SAFETY GUARD. EDWARD J. SHEA, Brooklyn, N. Y. Filed Oct. 25, 1924. Serial No. 745,891. 2 Claims. (Cl. 63—14.)



2. An article of the class described formed from a single piece of material to provide a hanger for suspending the articles from an ear, a hook substantially flat to provide comparatively wide portions which will lie against the lobe of the ear, the hook further serving for receiving a portion of an earring to support the earring, and a comparatively wide grasping portion in the plane of the hanger to facilitate the application of the article to the ear and to give stability to the article when applied.

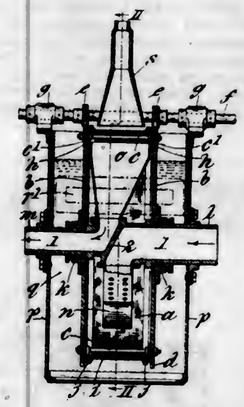
1,576,373. POWER GENERATOR. WILLIAM M. SMITH, Turtle Creek, Pa. Filed Mar. 7, 1925. Serial No. 13,737. 5 Claims. (Cl. 253—38.)

1. In a power generator of the type described, a stack having an open upper end, means for admitting air into said stack at its lower end, a rotatable shaft extending axially through said stack, said shaft consisting of a series of connected sections, a cylindrically-shaped body mounted on each shaft section, a plurality of vanes extending spirally around each of said bodies against which the air passing upwardly through said stack may



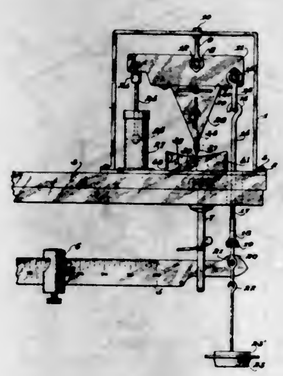
impinge to cause rotation of said shaft, and a plurality of blades extending laterally from each cylindrically-shaped body and arranged in a spiral series.

1,576,374. MECHANICAL FILTERING DEVICE. EDWARD FRANK SPANNER, Blackheath, London, England. Filed Nov. 10, 1924. Serial No. 749,012. 5 Claims. (Cl. 210—199.)



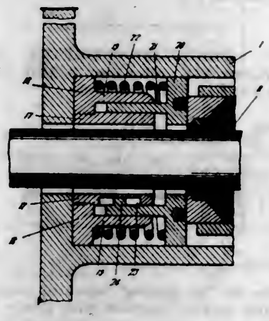
1. An apparatus for filtering oily water comprising a tank, a rotary drum within said tank and having a filtering screen of wire gauze, a hollow shaft for said drum divided by a partition, an opening in one division of said shaft to act as the inlet for oily water into said drum and a collecting funnel on the other division of said shaft to act as the outlet for oil and as an emergency outlet for water, an outlet for water from said tank arranged at a level sufficient to ensure that the major portion of said drum is submerged, said funnel being at a slightly higher level than said tank outlet, and an air blast nozzle above said drum and funnel for the purpose of blowing oil off the gauze screen of said drum into said funnel as said screen emerges from the water in the tank, substantially as hereinbefore set forth.

1,576,375. ATTACHMENT FOR WEIGHING SCALES. JOSEPH M. SPINKS, New Orleans, La. Filed Sept. 12, 1925. Serial No. 55,966. 8 Claims. (Cl. 265—58.)



1. A device of the character described comprising in combination with scales of the balance beam type, a supporting frame immovably mounted on the scales, a lever mounted off-center on said frame, a connecting rod connected at one end to the balance beam and pivotally connected at its other end to one end of the lever, an indicator carried by the lever, a chart immovably positioned with respect to the indicator, and motion stabilizing means connected to the opposite end of the lever.

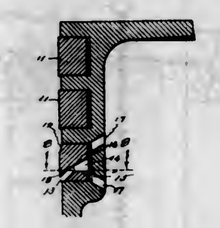
1,576,376. SPRING HOUSING. WILLIAM SUDEKUM, Nashville, Tenn. Filed Jan. 5, 1925. Serial No. 723. 2 Claims. (Cl. 286—30.)



1. In a spring housing for a piston rod packing spring, the combination of a ring provided with an annular recess and longitudinal sinuous slot; a second ring provided with an annular extension slidable in said recess, and pin received in said slot; and an annular helical spring interposed between said rings.

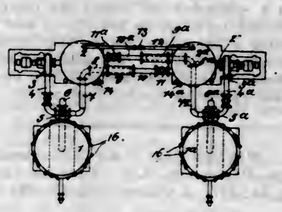
1,576,377. PISTON RING. LOUIS R. SPENCER, West Hartford, Conn. Filed May 28, 1925. Serial No. 33,368. 1 Claim. (Cl. 74—109.)

A piston ring having a thin encircling groove with parallel walls extending from the outer lower corner of the ring obliquely upward and inward with relation to the outer vertical face of the ring, and slots extending from the inner face of the ring to the groove, said



slots having the form of conical segments with flat lower walls and inclined upper walls that merge into the walls of the thin encircling groove.

1,576,378. DYEING APPARATUS. BERNHARD KARL THIES, Coesfeld, Germany. Filed Oct. 23, 1924. Serial No. 745,488. 4 Claims. (Cl. 8—19.)



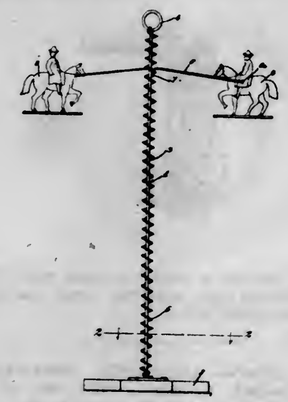
1. Dyeing apparatus of the character described including two dye vats, two auxiliary vacuum vessels, one of said vessels being directly connected with each of said vats, means for causing dye to pass from each of said vessels into its associated vat, an outflow pipe leading from each vat into the vessel associated with the other vat, and means for enabling dye that is passing through one of said outflow pipes to take with it by ejector action a further supply of dye from its own vacuum vessel into the other vacuum vessel.

1,576,379. SPADE LUG FOR TRACTOR WHEELS. LEONARD A. TURNER, Santa Ana, Calif. Filed Aug. 11, 1924. Serial No. 731,443. 9 Claims. (Cl. 301—44.



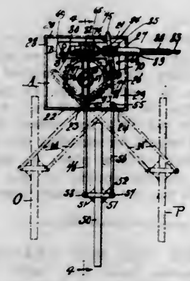
3. A traction device for tractor wheels, comprising a mounting member attachable to the rim of a tractor wheel, said mounting member having a flat face, teeth arranged upon said flat face and an adjustable shoe having teeth adapted to interfit with the teeth upon the mounting member, said shoe being removably secured to said mounting member.

1,576,380. GRAVITY-OPERATED TOY. MINOR EUGENE TYNES, New Orleans, La. Filed Feb. 6, 1923. Serial No. 617,316. 3 Claims. (Cl. 46—40.)



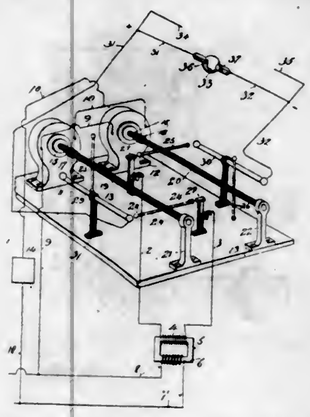
1. In a toy, a supporting structure, including a spiral track and a removable two armed one point suspension sweep mounted to travel by gravity on said track, said sweep having a laterally extending loop intermediate its ends removably inserted in the spirals of said track to travel thereon, and means whereby the sweep is held on the track against accidental displacement.

1,576,381. WINDSHIELD CLEANER. STEPHEN G. VAN DERBECK, Hackensack, N. J. Filed Nov. 2, 1921. Serial No. 512,217. 2 Claims. (Cl. 15—253.)



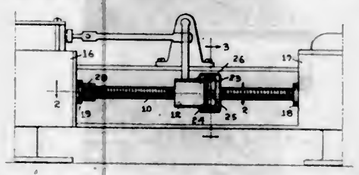
1. The combination in a wind shield cleaner, of a casing for the cleaner adapted to be attached to the glass of the windshield of a vehicle, a bracket in the casing pivoted to a wall thereof, a rotating shaft journaled to said bracket, a worm fastened to the shaft, a worm wheel journaled in the casing and in mesh with said worm, means to turn said shaft and thereby the worm, means connected to said bracket to swing it to disengage the worm thereon from said worm wheel, a pivot pin fastened at one end in the casing, an oscillating lever with an upper member and a lower member pivoted to said pin, a crank pin extending from said worm wheel actuating the upper member of said oscillating lever with the rotation of the worm wheel, an element connected to the lower member of said oscillating lever, and a cleaning element adapted to bear on said glass of the windshield connected to said first element, said cleaning element swinging over said glass with the oscillation of said lever resulting from the rotation of said worm wheel.

1,576,382. HIGH-TENSION RECTIFYING SWITCH. HARRY F. WAITS, New York, N. Y. Filed June 25, 1921. Serial No. 480,441. 1 Claim. (Cl. 175—364.)



In an alternating current rectifying switch for high tension currents, a pair of spaced, centrally located high tension standards, a pair of high tension standards located one at each side of the plane of the central standards, a pair of synchronously driven shafts, one between the said central standards and each side standard, each of which is provided with a pair of suitable cross conductors so arranged and disposed that on one side one of the central high tension standards is connected to one of the side standards while the other of said central high tension standards is connected to the other side standard so that each side standard will always have the same potential when the apparatus is in use and will be connected synchronously to the center standards and long spark gaps may be maintained so as to prevent a short circuiting of a tube or other device to which the switch is connected.

1,576,383. PUMP-PISTON SHIFTER. LAMAR S. WALKER, Tampa, Fla. Filed Sept. 9, 1925. Serial No. 55,413. 6 Claims. (Cl. 254—100.)

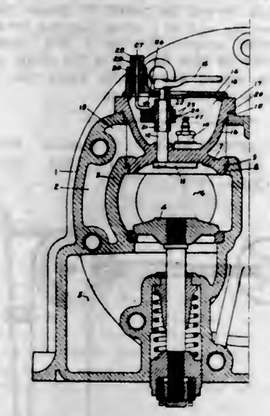


1. A device for the purpose indicated comprising an axially movable member provided with means for engaging the spool on the piston rod of a pump, and a guide element for said member for rigid mounting with respect to the pump, said guide element comprising a longitudinally extensible rod for abutting engagement with the facing ends of the steam and water cylinders of the pump.

1,576,384. SPARK-PLUG CONSTRUCTION FOR INTERNAL-COMBUSTION ENGINES. ELMER A. WATTS, Springfield, Ohio, assignor to The Miller Improved Gas Engine Company, Springfield, Ohio, a Corporation of Ohio. Filed Oct. 23, 1924. Serial No. 745,336. 11 Claims. (Cl. 123—148.)

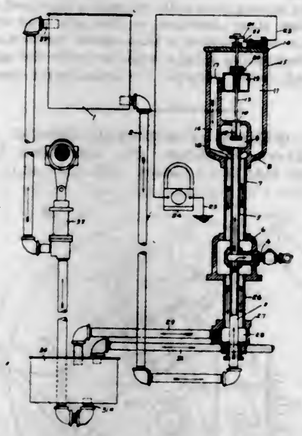
1. In an internal combustion engine, a valve casing, an ignition apparatus consisting of a spark plug, a source

of current supplied thereto by a conduit, said plug and conduit at one end being hermetically sealed in a chamber, the terminals of the spark plug projecting through



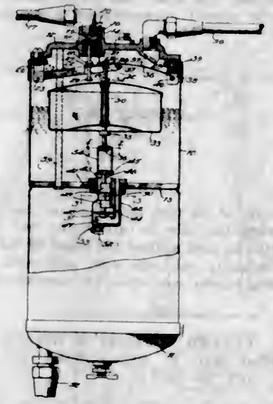
one wall of said chamber for access to incoming fuel, said chamber having the bottom thereof forming a detachable top for a valve casing.

1,576,385. LUBRICATING SYSTEM. ELMER A. WATTS, Springfield, Ohio, assignor to The Miller Improved Gas Engine Company, Springfield, Ohio, a Corporation of Ohio. Filed Nov. 28, 1924. Serial No. 752,665. 5 Claims. (Cl. 184—6.)



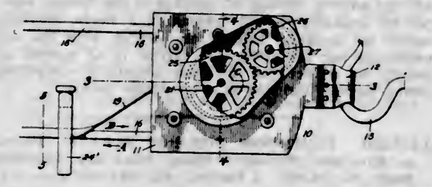
1. In an oiling system, a gravity supply tank, means of delivering oil by gravity to an engine, means of passing an excess of oil not needed by the engine to a valve chamber, a valve in said valve chamber adapted to stop the passage of the excess oil when it exceeds a predetermined amount to prevent its overflowing a float chamber and a float therein adapted to actuate said valve in preventing said overflow, and means for normally returning the excess oil to a reservoir and means of returning the oil from the engine to said reservoir, and means of returning the oil from the reservoir to the source of gravity supply.

1,576,386. FUEL RECEPTACLE. HORACE H. WELCH, Chicago, Ill., assignor, by mesne assignments, to Curtis B. Camp, trustee, Oak Park, Ill. Filed May 24, 1922. Serial No. 563,182. 11 Claims. (Cl. 103—236.)



1. A fuel receptacle comprising a tank, a partition dividing said tank into upper and lower compartments, a vent pipe communicating with said lower compartment, said lower compartment having a discharge outlet, an end closure for said upper compartment provided with suction and air ports, a float in said upper compartment, valves actuated by said float for alternately opening and closing said ports, a balanced valve for controlling the passage of fuel from said upper compartment to said lower compartment, a lost motion connection between said float and said valve for alternately opening and closing said valve, and friction means for holding said valve in either its open or closed position.

1,576,387. CLOTHESLINE PULLEY. AUGUSTIN J. WHELAN, Jersey City, N. J. Filed Aug. 7, 1925. Serial No. 48,860. 4 Claims. (Cl. 68—8.)

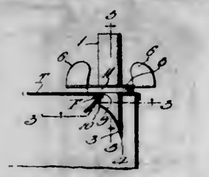


1. In combination with a clothes line, pulleys over which the clothes line passes to provide spaced leads, a spool of tape disposed in alignment with said pulleys, and means for paying out said tape to cover one of said leads of the line upon longitudinal movement of said lead in one direction, and means for automatically winding said tape upon the spool upon longitudinal movement of said lead in the opposite direction.

1,576,388. POURING SPOUT. WALTER LUNSFRED WHITESIDES, Long Beach, Calif. Filed Feb. 19, 1925. Serial No. 10,398. 4 Claims. (Cl. 221—23.)

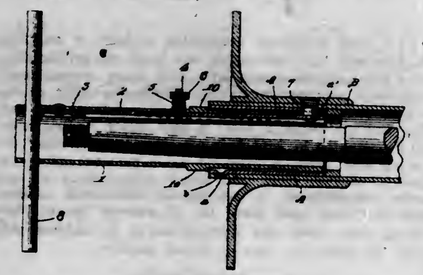
1. A pouring spout comprising a metal tube having an obliquely cut end adapted to be forced through a metal can top to form a substantially circular opening, to fold the metal from the opening, into the can and to provide angular notches at the ends of the fold; a metal collar surrounding said tube, a gasket surrounding the tube in contact with the lower side of said collar, and a pair

of circumferentially spaced fingers extending longitudinally of the tube immediately under the collar and disposed in close proximity to said tube, said fingers projecting below the gasket for reception in the above named notches, the lower end of at least one of said fingers being turned outwardly in a direction substan-



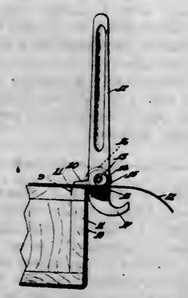
tially radially of the tube to engage the lower side of the can top when the tube is turned, the two fingers being then adapted to bind against the edges of the opening cut by said obliquely cut tube end, said tube, collar and fingers being rigidly connected for movement as a single unit.

1,576,389. PULLER. CHARLES M. WILKINS, Smithfield, Pa. Filed Mar. 9, 1925. Serial No. 14,158. 2 Claims. (Cl. 29—88.2.)



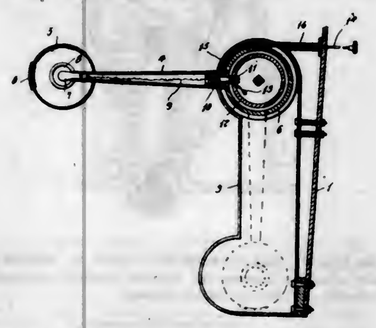
1. A sleeve puller comprising a tubular member, a shoulder surrounding the same, a handle connected with the tubular member, a key carrier movably arranged within the tubular member, a key carried by said member and passing through an opening in the tubular member for engaging the oil opening in a sleeve, yieldable means for normally holding the carrier with the key projecting but permitting the carrier to be pushed inwardly to retract the key and adjustable controlling means therefor included in the yieldable means.

1,576,390. TIGHTENER FOR BOX STRAPS. HENRY A. WILLIAMS, Worcester, Mass. Filed Apr. 17, 1925. Serial No. 23,908. 2 Claims. (Cl. 254—79.)



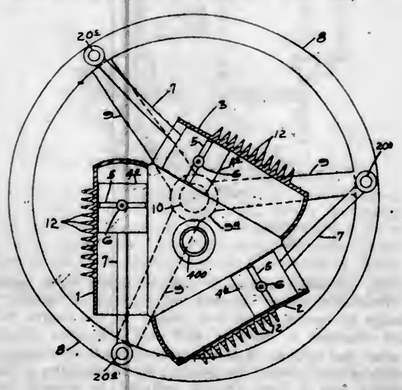
2. In a device for the purpose described, the combination of an operating handle having a jaw, a fulcrum member connected with the handle and extending therefrom in a straight line and having a convex surface on which the tool can roll in operation extending around through about a quarter circle, and means on the tool projecting outwardly from the handle at right angles thereto by which it can be rested in proper place on a box to receive the end of a strap passing around the box, said fulcrum member having a jaw cooperating with the other jaw to hold the end of the strap, whereby the tool can be rocked downwardly along the vertical side of the box to stretch the strap.

1,576,391. TRAFFIC SIGNAL. EDWARD WILLIAMS, Iowa Park, Tex. Filed Aug. 28, 1924. Serial No. 734,700. 1 Claim. (Cl. 116—54.)



A signal of the class described comprising a housing, a signal arm pivoted to the housing normally disposed within the housing, said housing having a bearing, said signal arm having a ring surrounding said bearing, said bearing having grooves, bearing balls in said grooves engaging the inner surface of the bearing ring, said bearing ring having outwardly extending marginal flanges, an operating strap fastened to the ring and disposed intermediate said flanges, and a guide member extending from the housing being tubular to guide the operating element and being adapted for engagement against a support.

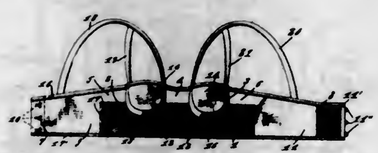
1,576,392. INTERNAL-COMBUSTION ENGINE. HARRY D. WILLIAMS, Pittsburgh, Pa. Filed Oct. 5, 1920. Serial No. 414,775. 5 Claims. (Cl. 123—43.)



1. A rotary engine comprising a rotatable member carrying a plurality of rigidly connected cylinders tangentially mounted in relation to said rotary member, a fly-wheel connected to the pistons of said cylinders, a shaft fixed to the rotatable cylinder member, a second

shaft rigidly fixed to the fly-wheel at the center thereof, a chain of gears connecting the two shafts together so as to cause them to turn in the same direction at the same speed.

1,576,393. BRASSIÈRE. GRACIA V. WOOD, Washington, D. C. Filed Aug. 6, 1925. Serial No. 48,615. 1 Claim. (Cl. 2—42.)

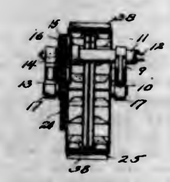


A brassière comprising a body encircling band having the lower part of the front thereof formed of a lengthwise extending elastic portion and the upper part of its front non-elastic, said band further provided at its front with a pair of spaced cut-out portions extending through the non-elastic part of said front and into the upper part of the elastic portion of said front, and a pocket forming element having its side and bottom edges secured to the edge bordering each cut-out portion and extended forwardly from said front, said pocket forming element having its mouth opening at the inner face of the front of the band and its top edge secured throughout with the band.

1,576,394. SIZING COMPOSITION. HARRY WOOD, South Fork, Pa. Filed Aug. 6, 1924. Serial No. 730,498. 3 Claims. (Cl. 134—46.)

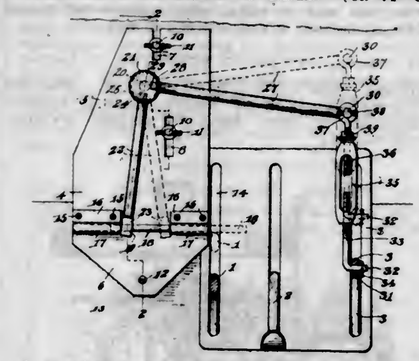
1. A composition of matter containing as major ingredients soap and glue in water sufficient to form a vehicle therefor, said three substances amounting in all to substantially over one half of the entire composition, together with minor ingredients namely, linseed oil, turpentine, vinegar, japan drier and white lead, these ingredients each being in amount less than any one of said major ingredients, all of said ingredients being combined in such proportions as to form a sizing compound.

1,576,395. ATTACHMENT FOR AUTOMOBILES. HAROLD P. WOOD, ERWIN L. STRICKLAND, CHARLES H. WITHAM, and HOWARD O. LIBBY, Kingfield, Me. Filed July 28, 1922. Serial No. 578,141. 3 Claims. (Cl. 305—3.)



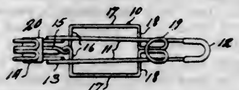
2. In an attachment of the class specified, the combination of rotatably mounted drums each having a body with side portions converging toward the periphery of the drum, a plurality of blades extending radially of the drum from the periphery of the latter over the side portions and spaced apart, the ends of the blades being provided with contact heads and each drum having at its periphery an open space extending fully around the latter between the said contact heads, an endless traction belt trained over the drums and having central block members extending into said open sapce to prevent lateral shifting of the belt and also having transversely extending ribs to engage the said heads for driving one drum from the other.

1,576,396. SAFETY DEVICE FOR AUTOMOBILES. NEAL ERASTUS WOOD, Chanute, Kans. Filed Sept. 12, 1925. Serial No. 56,054. 6 Claims. (Cl. 74—81.)



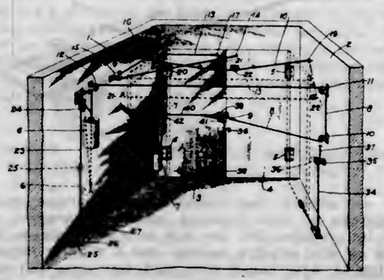
1. A safety device for the purpose set forth comprising a clutch pedal locking bolt shiftable to and from locking position with respect to such pedal, a shiftably mounted disk, a pair of lever arms disposed at an angle with respect to each other and secured to and extending from said disk, one of said arms engaging with said bolt for moving it to and from locking position when said disk is shifted, and means connected to the other of said lever arms and actuated from a brake pedal on the application and release of the latter for shifting said disk alternately in opposite directions to move said bolt to and from locking position.

1,576,397. TOURNIQUET. TOKUJIRO YANAGI, Honolulu, Territory of Hawaii. Filed July 18, 1925. Serial No. 44,554. 4 Claims. (Cl. 128—327.)



2. A tourniquet of the character described formed to provide a longitudinally extending shank having a hook at one end, a base connected to the shank by resilient coils acting to resiliently force the base away from the shank, the extremity of the base distant from said coils being formed with a clamping jaw, and a tube of elastic material adapted to be engaged at one end by the hook and its opposite end engaged between said shank and the clamping jaw.

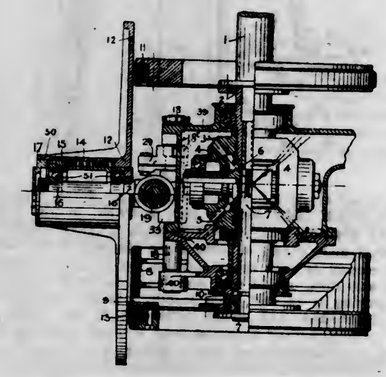
1,576,398. DOOR-ACTUATING MECHANISM. FRANK YELAVICH, San Francisco, Calif. Filed Sept. 2, 1924. Serial No. 735,235. 8 Claims. (Cl. 268—9.)



1. A door-actuating device comprising the combination of a cable attached to a door, a weight normally acting on the cable to open the door, a latch for holding the

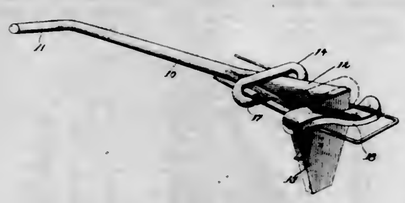
door closed, a latch adapted to support the weight and relieve the door-opening tension on the cable, and means including an element outside the door for releasing both latches, the said releasing being accomplished by the weight of a vehicle driving over the element.

1,576,399. VARIABLE-SPEED GEARING. MALCOLM FOERSTER LAMBE AYME AYMARD, London, England. Filed Oct. 16, 1923. Serial No. 668,898. 8 Claims. (Cl. 74—34.)



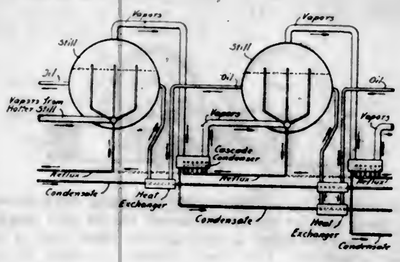
1. A drive shaft, a friction disk and sun pinion, revoluble therewith, a driven shaft having a cross member, pinnet gears mounting on said cross member and engaging said sun pinion, a brake drum loose on the shaft, a friction disk fast with said drum, a second sun pinion fast with said drum and engaged by said planet gears, a friction disk revoluble on an axis at right angles to that of said shafts, movable into and out of engagement with the first-named friction disks and also movable laterally with respect thereto, a brake element for coaction with said brake drum, means for moving said last named friction disk, means for operating said brake element, and common actuating means for said brake element operating means and said friction disk moving means.

1,576,400. WIRE TIGHTENER AND TWISTER. PETER BEGHETTI, San Francisco, Calif. Filed Aug. 10, 1925. Serial No. 49,214. 2 Claims. (Cl. 140—118.)



1. A tightener and twister for the purpose stated, comprising an arm having a gripping member at one end for engaging the free end of a wire loop, a face plate on said gripping member, and a wing or lug projecting at right angles from said face plate and positioned so that one wire end lies beneath one end of the wing and the other wire end overlies the opposite end of said wing.

1,576,401. OIL DISTILLATION. JOHN E. BELL, Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed Oct. 7, 1921. Serial No. 506,088. 36 Claims. (Cl. 196—73.)



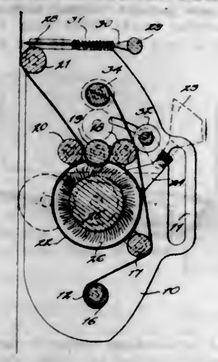
1. A process of fractional distillation and condensation of oil which comprises flowing the oil to be treated through a series of stills maintained at successively higher vaporizing temperature, condensing part of the vapors given off in each still by absorbing heat therefrom by the oil in a still lower temperature and heating the oil intermediate successive stills by the condensed vapors from stills later in the series.

1,576,402. PISTON RING. RAY S. BOLENBAUGH, Jackson, Mich., assignor of one-third to Burton R. Bolenbaugh and one-third to Cyrus Bolenbaugh, both of Jackson, Mich. Filed Dec. 12, 1924. Serial No. 755,545. 1 Claim. (Cl. 74—109.)

A piston ring including an outer section having its ends formed with a lap joint and its inner wall wedged shaped forming oppositely inclined walls, a pair of inner sections each being one half the width of the first section and each having their ends spaced apart and provided upon their outer face with beveled portions adapted to engage one of the inclined walls of the outer section and an irregular spring member arranged within the piston ring with several points thereof engaging the inner sections to normally retain them in contact with the inclined walls of the outer section.

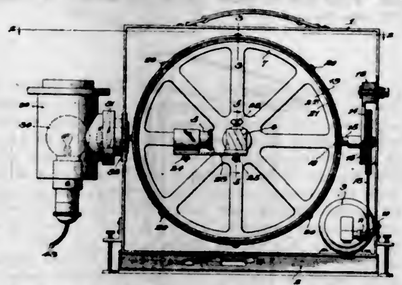
1,576,403. PAPER-HANGING MACHINE. STEVE BOROS, Kenmore, Ohio. Filed Nov. 6, 1925. Serial No. 67,374. 2 Claims. (Cl. 216—6.)

1. A wall papering machine comprising a casing, a roller journaled therein and supporting a roll of wall paper, a roller mounted for rotation adjacent one end of the casing and projecting therefrom for applying paper to the wall as it leaves the casing, a plurality of guide rollers over which said paper passes, means for supplying one side of the paper with paste as it passes over said guide rollers, said means including a



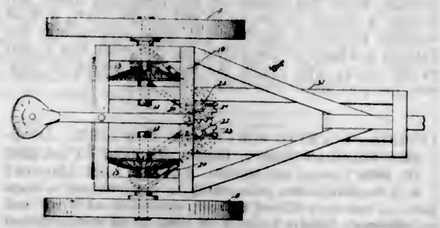
rotatable brush, a friction wheel for rotating said brush, and means for cutting a strip of paper from the roll at a point exterior of the casing.

1,576,404. PICTURE-PROJECTION MACHINE. JAMES R. BRADFORD, San Francisco, Calif. Filed Oct. 28, 1925. Serial No. 65,354. 5 Claims. (Cl. 88—27.)



3. In a picture projecting machine, a film-carrying holder having a circular and transparent film holding face, a removable circular transparent means having a close fit relative to the holding face so as to engage the film throughout its circumference to frictionally and removably hold same against said face, means to rotate the holder, means to project light rays through the film, a projection lens and a prism arranged to receive and project the image from the lens.

1,576,405. STALK-CUTTING MACHINE. ALBERT C. BRADSHAW, San Antonio, Tex. Filed Mar. 3, 1925. Serial No. 12,953. 1 Claim. (Cl. 55—62.)



A stalk cutter comprising a wheeled frame, an axle for each wheel, spaced vertically disposed shafts journaled at the forward end of the frame and arranged in juxtaposition, a plurality of disk-like knives and guards alternately arranged in spaced superimposed relation on each of said shafts, with the knives of one shaft operating in the guards of the adjacent shaft, a stub shaft journaled beneath each axle and arranged at a right angle thereto, gearing for rotating the stub shaft incident to the rotation of said axle, sprocket wheels arranged on the first mentioned shaft and also on each stub shaft, and convergently disposed endless chains trained over each pair of sprockets, whereby said vertical shafts are simultaneously rotated from said axles.

1,576,406. CIRCUIT-CHANGING SWITCH. HENRY THOMAS BROOKER, Southend, England. Filed Apr. 11, 1924. Serial No. 705,920. 4 Claims. (Cl. 200—2.)



1. An electric connecting device operating as a circuit changing switch, comprising in combination, a fixed terminal and a movable terminal co-operating therewith, said fixed terminal consisting of two components one having a sliding movement relatively to the other, and an insulating member controlled by said sliding component, the insertion of the movable terminal between the two components of the fixed terminal for the purpose of establishing another circuit connection with said fixed terminal causing the sliding component thereof to move the insulating member so as to break connection between the fixed terminal and a contact piece in the normal circuit.

1,576,407. SPLICE BAR. GURLEY BROSHEARS, Newburg, Ind. Filed Oct. 16, 1925. Serial No. 62,927. 1 Claim. (Cl. 238—181.)

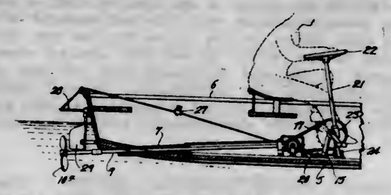


Two railway rails having their base flanges at the meeting ends thereof slotted longitudinally, outstanding flanges on the webs of the rails surrounding the slots therein, a bridge plate snugly received in the slots and of a width corresponding to that of the flanges, oppositely directed bolt members projecting from the bridge plate, fish plates and each of said fish plates having a pocket on the inner face thereof to receive the flanges therein and to contact with the sides of the bridge plate, the bolts on the bridge plate passing through the fish plates, other bolts also passing through the fish plates and through the webs of the rails and nuts screwed on the bolts.

1,576,408. PROCESS FOR THE MANUFACTURE OF PRINTING COLORS OR INK. HERMANN CAJAR, Vienna, Austria. Filed Dec. 5, 1923. Serial No. 678,754. 2 Claims. (Cl. 134—35.)

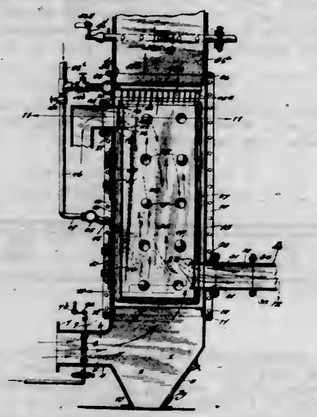
1. The process of manufacturing colored printing ink, consisting in subjecting an ink composition of a watery paste character to the action of steam jacketed mixing and levigating mechanism connected to a vacuum-creating source, and then evaporating the water from the composition by the action of steam and a relatively high vacuum of about 65 cm.

1,576,409. BOAT-PROPULSION MECHANISM. GEORGE CASHOTY, New York, N. Y. Filed Mar. 12, 1925. Serial No. 15,087. 1 Claim. (Cl. 115—25.)



In combination with the body of a boat, a propeller shaft and propeller, a gear casing, a shaft and meshed gears on said shaft and the end of the propeller shaft located in the gear casing, an inverted U-shaped support and crank shaft mounted in the upper part thereof, a sprocket on the crank shaft, a second sprocket on the shaft located in the gear casing, a sprocket chain trained about said sprockets, pedals on the crank shaft for actuating the same and the meshed gears whereby the propeller shaft and propeller are actuated, a bearing formed in the upper part of said support and a steering post held in said bearing.

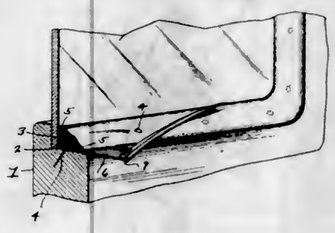
1,576,410. AIR PREHEATER FOR BOILER FURNACES. WILLIAM M. CONNERY, Philadelphia, Pa. Filed May 22, 1924. Serial No. 715,140. 36 Claims. (Cl. 110—56.)



1. In a preheater for boiler furnaces, a casing, means spaced therein forming products of combustion passages and air passages in alternating parallel succession, the walls between the passages having parts of their margins deflected laterally forming air inlets and outlets respectively to remote portions of the air passages, the deflected parts being connected between the air passages with means connecting the upper and lower portions of the deflected parts for closing the products of combustion passages to the air passages, and air draft conductors connected to the casing and communicating with the pluralities of air inlets and outlets respectively.

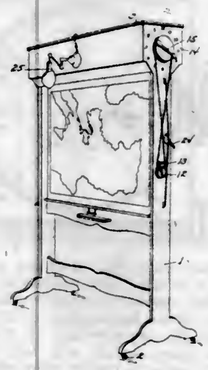
1,576,411. MOLDING. EDGAR R. CREAMER, Connersville, Ind., assignor to The George R. Carter Company, Connersville, Ind., a Corporation of Indiana. Filed Mar. 18, 1925. Serial No. 16,331. 3 Claims. (Cl. 155—184.)

1. In a molding of the character described, the combination, with a structure to which said molding is to be applied, a resilient core, a flexible cover for said core, means for securing said core to said structure with one edge of the cover clamped between said core and structure, said securing means being such as to leave at least one edge of said core free to flex away from said



structure, and interlocking means formed on the said free edge of said core and the other edge of said cover whereby by flexing the free edge of said core away from said structure said last mentioned edge of said cover may be inserted therebetween and caused to interlock with said core to hold the cover in position.

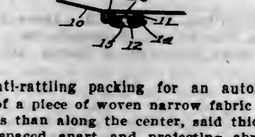
1,576,412. CASE. WAKEMAN H. B. CRONK, Kansas City, Mo. Filed Apr. 4, 1925. Serial No. 20,793. 1 Claim. (Cl. 40—84.)



A device of the class described comprising an upright frame, a casing at the upper end thereof, a shaft passing through the casing, a pair of discs on the shaft within the casing, spring rollers carried by the discs, sheets rolled upon the rollers, handles at the outer ends of the sheets, the casing having an opening in its bottom through which the handle of the lowermost sheet will project, a pulley on the outer end of the shaft, a hand operated pulley on the frame, a cable passing over the pulleys, a finger on the pulley on the shaft and a dial on the casing with which the finger cooperates to indicate the position of the rolls in the case.

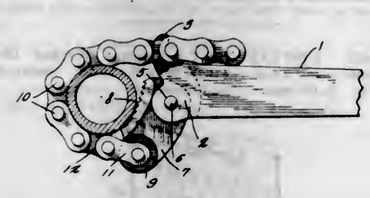
1,576,413. LOCKING SCREW AND THE LIKE. ARCHIBALD STANNARD CUBITT, London, England. Filed May 13, 1925. Serial No. 30,097. 3 Claims. (Cl. 151—14.)

1. A locking screw comprising in combination, a main part, an external thread thereon, a shouldered down end, an external thread thereon of like hand but different pitch to said external thread on the main part, a collar part, an external thread thereon of like hand and pitch to the external thread on said main part, and an internal thread in said collar for engaging the external thread on said shouldered down end, the main part and the collar part when united forming one continuous



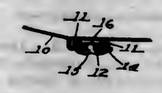
screw threaded bolt of like hand and pitch capable of being locked in a screw-threaded hole by a relative movement between the main part and the collar part tending to unscrew these from each other.

1,576,414. CHAIN PIPE WRENCH. CHARLES W. CUPPETT, Leckrone, Pa. Filed Mar. 13, 1925. Serial No. 15,349. 1 Claim. (Cl. 81—66.)



A wrench of the character described comprising a handle, an enlarged bifurcated head formed on one end thereof, a pair of parallel arranged hooks extending from one end of said head, an arcuate shaped portion formed on the opposite end thereof and being provided with an opening, a cross sectional T-shaped toothed dog pivotally secured to said arcuate shaped portion between the bifurcations, a pin passing through the opening thereof for this purpose, a reduced portion extending from the free end of said dog, and a chain having one of its links pivotally secured to and straddling the reduced portion and being associated with the parallel arranged hooks for the purpose specified.

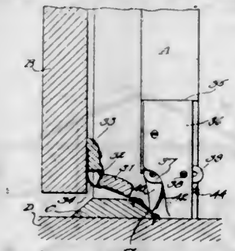
1,576,415. PACKING FOR HOODS OF AUTOMOBILES. GEORGE B. CUTTING, Worcester, Mass. Filed Dec. 26, 1924. Serial No. 758,018. 3 Claims. (Cl. 180—69.)



1. An anti-rattling packing for an automobile hood consisting of a piece of woven narrow fabric tape thicker at the edges than along the center, said thickened edges being flat spaced apart and projecting abruptly above the plane of the center when in use to receive the heads of fastening devices between them and prevent the contact of metal with metal.

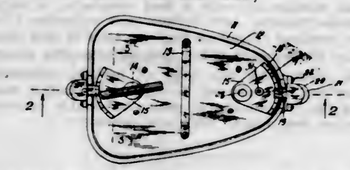
1,576,416. WEATHER STRIP. ALONZO E. DECKER, Fremont, Ohio, assignor of one-half to Frank P. Smith, Fremont, Ohio. Filed Dec. 29, 1924. Serial No. 758,769. 2 Claims. (Cl. 20—67.)

1. In combination with a door and its jamb, a weather strip hingedly mounted at the lower portion of the door, a leaf spring recessed into the door and of angular shape with a portion bearing against said strip to normally urge it away from the door sill, and a trip mounted on the door jamb and including an elongated slotted member slidably adjustably mounted toward or from the



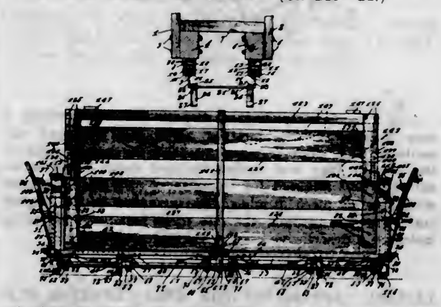
door, and a spring pressed pawl-like member pivoted on said slotted member and disposed in the path of travel of the strip.

1,576,417. MEAT MOLD. THEODOR DRUZBACH, New Durham, N. J. Filed Apr. 26, 1924. Serial No. 709,288. 1 Claim. (Cl. 292—342.)



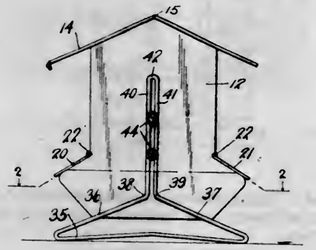
A closure for a receptacle comprising a latch on a spindle, said spindle being adapted to be rotatably mounted upon the receptacle whereby said latch is adapted to project over the open top of the receptacle in its operative position, said latch having a wedge-shaped underface, a segment-shaped member adapted to be pivoted to the cover of the receptacle, said segment-shaped member having a cam provided with ratchet teeth for co-operation with said latch, whereby said cover is forced downwards into the receptacle as said wedge-shaped member is turned and said latch rides over the said ratchet teeth.

1,576,418. STRETCHING APPARATUS FOR HIDES. ST. CLAIR EDE, Dubuque, Iowa. Filed Mar. 18, 1925. Serial No. 16,421. 22 Claims. (Cl. 149—21.)



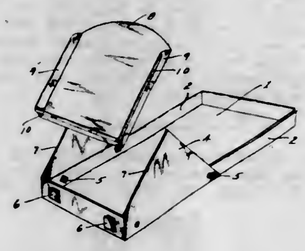
1. An apparatus for stretching hides comprising a carriage provided with a pair of vertically shiftable supports and means for elevating the same, a revolvable hide stretching frame removably mounted on and elevated by said supports, and a frame pick-up device connecting with the frame when the latter is elevated to suspend the same when clear of said supports.

1,576,419. FOOD RECEPTACLE FOR YOUNG CHICKENS. WALTER ELLMAN, Fremont Center, N. Y. Filed July 3, 1925. Serial No. 41,302. 2 Claims. (Cl. 119—52.)



1. The combination with a feed receptacle, of supporting devices therefor, said devices each including a lower element, portions extending from the ends of said element upwardly toward each other, devices extending alongside of each other from the point of nearest approach of said portions and adapted to support oppositely located walls of the receptacle, and means adjustably connecting the devices last named with said walls.

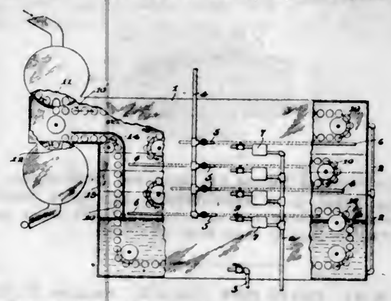
1,576,420. CHOCOLATE-CONFECTION-DISPLAY TRAY. ERTON T. FOLTS, Creswell, Oreg. Filed June 16, 1925. Serial No. 37,483. 5 Claims. (Cl. 211—28.)



1. A chocolate confection display tray, comprising a tray member having inclined reinforced side and end walls, a one piece member adapted for engagement to the display tray and having inclined upper edges, a removable unit adapted for engagement and disengagement with the one piece member when attached to the display tray, and means upon the one piece member adapted to maintain a descriptive card in upright position.

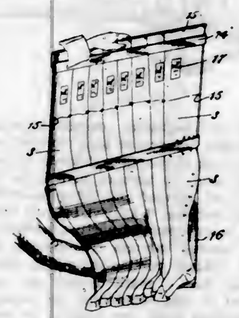
1,576,421. APPARATUS FOR HEAT-TREATING SUBSTANCES PACKED IN SEALED RECEPTACLES. NELSON H. FOOKS, Preston, Md. Original application filed Dec. 5, 1924, Serial No. 754,126. Divided and this application filed Apr. 11, 1925. Serial No. 22,613. 3 Claims. (Cl. 126—272.)

1. In a device for cooking and controlling the cooking period of substances within sealed receptacles, the combination with a tank, a body of relatively cooling liquid partially filling the tank, a body of relatively hot fluid superposed on the body of cooling liquid, a path for



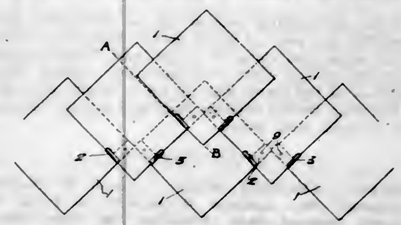
the receptacles extending from the upper to the lower level of the tank, and means for maintaining said bodies at predetermined levels.

1,576,422. DISPLAY TRAY. THOMAS WALTER FRED, Chattanooga, Tenn. Filed Feb. 7, 1925. Serial No. 7,641. 3 Claims. (Cl. 211—34.)



1. A stocking display tray comprising a stiff base, elastic straps secured thereto adjacent its top and bottom and adapted to retain the upper portions of the stockings to be displayed, the major portions of the stockings being free, and a flexible cover secured to the lower end of the base and adapted to act as a supporting background when in its displaying position.

1,576,423. ROOFING FASTENER. JESSE FULENWIDER and HARRY FULENWIDER, Savannah, Ga. Filed Jan. 21, 1925. Serial No. 3,799. 2 Claims. (Cl. 108—33.)



1. In a roofing fastener, a pair of plates each formed with means for supporting an edge of a shingle, said plates being adapted for pivotal mounting upon a roof in right and left juxta-position with their shingle supporting means confronting.

1,576,424. SAFETY LINK. WILLIAM GOODMAN, Pueblo, Colo. Filed Apr. 2, 1924. Serial No. 703,759. 4 Claims. (Cl. 59—86.)



1. A device of the class described comprising a link including side members and a connecting portion, one of the said side members having a slot, and a guard member having pivotal connection at one end with the other side member and extending between the said side members and extending at its other end through the said slot.

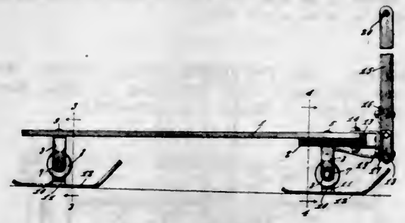
1,576,425. SHOVEL-ATTACHING DEVICE. WILLIAM L. GOODNIGHT, Smallett, Mo. Filed June 1, 1925. Serial No. 34,200. 6 Claims. (Cl. 97—19.8.)



1. A device for attaching an earth working blade of an agricultural implement to the forward surface of its supporting standard wherein the blade and standard have pairs of registerable superimposed bolt receiving openings, including a pair of threadless bolts adapted to be disposed in said openings and having hook-shaped ends, a washer plate having a pair of openings for reception of said bolts and adapted to be disposed against the rear surface of said standard, and a cam element rotatably carried by the washer plate and engageable with the hook shaped ends of the bolts for drawing the latter through the blade, standard and washer plate so as to force the blade and washer plate tightly against the respective surfaces of the standard when said cam element is turned in one direction.

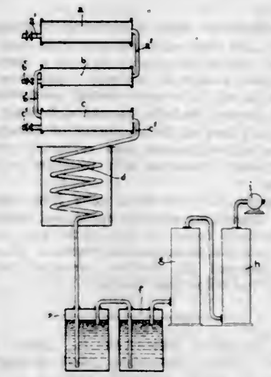
1,576,426. COASTER STEERING GEAR. SIDNEY S. GRIFFIN, Detroit, Mich. Filed Jan. 6, 1925. Serial No. 893. 1 Claim. (Cl. 280—8.)

In a coaster toy of the character set forth, including a body provided with front and rear supporting traction elements, a substantially U-shaped member having the legs of substantial length and having the ends thereof arranged one upon the upper side and the other beneath the lower side of said body at its forward end, a pivot bolt passing through said body and said legs, a steering column secured adjacent its lower end to the yoke of said member, a right angled bracket having one leg thereof secured to one side of said column and the other leg extending at right angles to and from the lower end



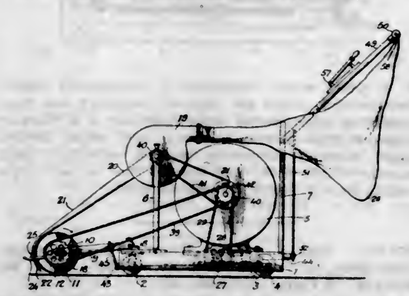
of the column, and a steering connecting link attached at one end to said other leg and connected with and controlling said front traction element.

1,576,427. RECOVERY OF AMMONIA FROM VINASSES. GASTON PHILIPPE GUIGNARD, Melun, France. Filed Oct. 25, 1921. Serial No. 510,300. 1 Claim. (Cl. 203—1.)



A process of recovering ammonia from vinasses, which consists in heating, at a temperature between 450 and 550 degrees centigrade and under vacuum, a vinasse containing water, said temperature and vacuum being maintained during the whole treatment.

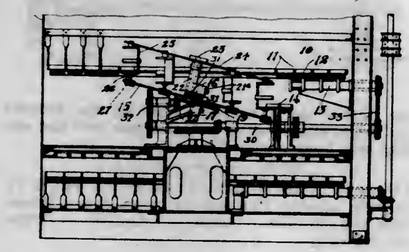
1,576,428. FLOOR-SURFACING MACHINE. OSCAR EARL HADWIGER, Pueblo, Colo. Filed Sept. 11, 1922. Serial No. 587,623. 6 Claims. (Cl. 51—176.)



1. A floor surfacing machine comprising, with a movable frame, a motor for operating the moving parts of the machine, wheels by which said frame is carried and

moved, surfacing means adjustably mounted on the frame to be thrown into and out of a surfacing position, and manually controlled means by which the surfacing means is moved to an operative position when the wheels are connected to move the frame.

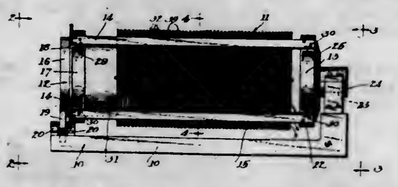
1,576,429. CAN CONVEYER. FRANK OLINGER HUTTON, Sacramento, Calif. Filed Feb. 12, 1923. Serial No. 618,557. 5 Claims. (Cl. 198—103.)



1. In combination with a horizontally disposed tortuous canway and feed conveyer extending into juxtaposition of the innermost canway and in a different plane therefrom and means to transfer cans from the feed conveyer on to the innermost canway comprising parallel upper and lower rotatable members inclined from the horizontal and having their centers of rotation in substantial vertical alignment, and vertically disposed can holders arranged between said members at the outer ends thereof.

2. Mechanism for conveying cans from one elevation to another comprising parallel upper and lower rotatable members inclined from the horizontal and having their centers of rotation in substantial vertical alignment, and vertically disposed can holders arranged between said members at the outer ends thereof.

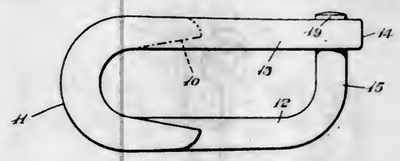
1,576,430. SCREEN SEPARATOR. JOHN F. ISBELL, Alhambra, Calif.; Clementine Isbell, administratrix of said John F. Isbell, deceased, assignor of one-half to Otto Q. Beckwith, Los Angeles, Calif. Filed Mar. 9, 1923. Serial No. 623,929. 4 Claims. (Cl. 209—393.)



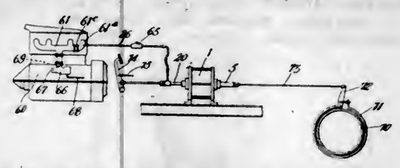
1. A rotary screen comprising a substantially tubular screen portion, means for rotatably mounting said tubular member, said member being composed of a plurality of spaced rings having serrated inner edges forming stepped material supporting surfaces extending longitudinally of the tube, and tapered ribs on said edges forming tapered interstices therebetween.

1,576,431. CHAIN LINK. THOMAS C. BLACKBURN, Winnfield, La. Filed Dec. 12, 1923. Serial No. 680,174. 1 Claim. (Cl. 59—89.)

A link of the character described comprising a pair of shanks having hooks to overlap in reversed positions, one shank having an eye, the other shank having a terminal portion fitted for pivotal movement in said eye, said terminal portion being of parti-circular cross section with a flat side, and the aperture of the eye being less than a circle, said eye having an integral portion arranged to abut said flat side of said terminal portion to limit the swinging movement of the shanks away from one another.

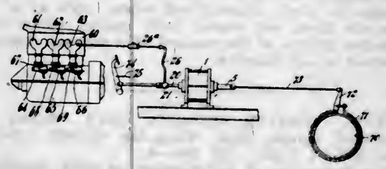


1,576,432. MEANS FOR OPERATING SUCTION-ACTUATED DEVICES FROM THE INTAKE MANIFOLD OF INTERNAL-COMBUSTION ENGINES. CALEB S. BRAGG, Palm Beach, Fla., and VICTOR W. KLIESRATH, Port Washington, N. Y., assignors to Bragg-Kliesrath Corporation, Long Island City, N. Y., a Corporation of New York. Filed June 16, 1925. Serial No. 37,408. 7 Claims. (Cl. 123—198.)



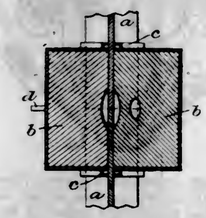
1. The combination with a multi-cylinder internal combustion engine, provided with a suction passage for explosive charges, a carburetor communicating with said passage, a throttle valve for the engine located in said passage, of a suction actuated device, an air connection therefrom to said suction passage of the engine and connected to the latter at a point between the throttle valve and the engine cylinders, said air connection being connected to a portion of said suction passage, supplying a portion only of the cylinders of the engine, and means for disconnecting said portion of the suction passage from the remaining portion of the suction passage supplying the other cylinders of the engine.

1,576,433. MEANS FOR OPERATING SUCTION-ACTUATED DEVICES IN CONNECTION WITH INTERNAL-COMBUSTION ENGINES. CALEB S. BRAGG, Palm Beach, Fla., and VICTOR W. KLIESRATH, Port Washington, N. Y., assignors to Bragg-Kliesrath Corporation, Long Island City, N. Y., a Corporation of New York. Filed June 25, 1925. Serial No. 39,420. 5 Claims. (Cl. 123—198.)



1. The combination with a multi-cylinder internal combustion engine provided with a plurality of suction passages, each of said passages supplying explosive charges to certain only of the cylinders, a carburetor communicating with each of said suction passages, and a throttle valve in each of said passages, of a suction actuated device, an air connection therefrom extending to certain of said suction passages less than the whole number thereof, whereby the withdrawal of air from said suction actuated device in the operation thereof will not affect the operation of the engine cylinders receiving their explosive charges from the suction passage, or passages, not connected with the actuator.

1,576,434. METHOD AND MEANS FOR LUTING MOLDS. AUGUST DZIEWAS, Tempelhof, near Berlin, Germany, assignor to Metal & Thermit Corporation, Carteret, N. J., a Corporation of New Jersey. Filed Apr. 1, 1925. Serial No. 19,880. 3 Claims. (Cl. 22—116.)



2. A mold box for use in alumino-thermic welding of rails, girders and the like comprising coordinate box sections having their mating edges excised to conform to and engage the parts to be welded, and rectangular flanges associated with the box sections adjacent to and conforming to said edges, said flanges forming channels to receive a plastic luting material to seal the mold joints.

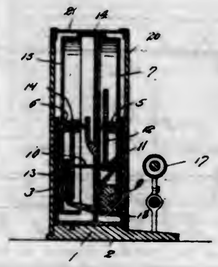
1,576,435. WALKING TOY. ADOLF GUND, New York, N. Y. Filed Sept. 15, 1923. Serial No. 662,923. 4 Claims. (Cl. 46—46.)

1. In a walking toy, a body, a frame carried by said body, a plurality of supports simulating limbs, said supports being pivotally mounted in the frame and connected in pairs, means for limiting the movement of the supports, a reciprocating member mounted for sliding movement in the frame and pivotally connecting each front support with a rear support on the same side, and means for moving the body along a supporting surface, said reciprocating member serving to cant the body and thereby transfer the weight of the body from one side to the other to cause a movement of the supports as the body is moved over the supporting surface.

1,576,436. SEAL AND METHOD FOR MAKING THE SAME. DANIEL SNYDER GUSTIN, East Orange, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Mar. 30, 1921. Serial No. 457,101. 17 Claims. (Cl. 176—36.)

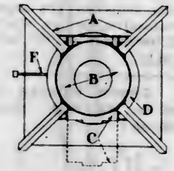
2. As a leading-in conductor a chromium coated wire.

1,576,437. GRAVITY LEVEL. HERMAN J. HALLORAN, Roslindale, Mass. Filed Feb. 12, 1924, Serial No. 692,314. Renewed Oct. 16, 1925. 2 Claims. (Cl. 33—215.)



1. A gravity level comprising a base provided with an under surface having all portions lying in the same plane, a frame mounted upon the base member and having an indicator disposed transversely of the base member and lying in a plane parallel with the plane of the under surface of the base member, a dial journaled for rotation upon the frame and having a series of graduations adapted to move under the indicator, a weight mounted upon the dial wheel and located diametrically opposite the zero graduations of the series of graduations, a second wheel journaled upon the frame with its axis in alignment with the axis of the first mentioned wheel, a series of graduations carried by the second mentioned wheel and adapted to move under the indicator and gearings operatively connecting said dial wheels together.

1,576,438. METHOD OF TESTING THE CONSISTENCY OF CONCRETE. FRANK H. JACKSON, Washington, D. C., dedicated, by mesne assignments, to the citizens of the United States. Filed June 24, 1925. Serial No. 39,373. 1 Claim. (Cl. 73—51. (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)

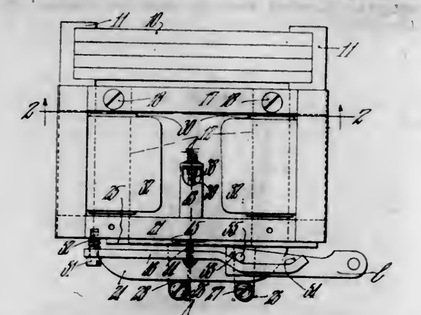


A method of determining the consistency of cement concrete consisting in placing upon a circular retaining plate of given dimensions as much concrete as the plate will carry, in weighing the concrete retained on said plate and in determining the consistency of said concrete which is directly proportionate to the weight thereof.

1,576,439. MAGNETO. TERRENCE G. LOUIS, Springfield, Mass., assignor to Wico Electric Company, a Corporation of Massachusetts. Filed May 26, 1922. Serial No. 563,912. 18 Claims. (Cl. 171—209.)

2. In a magneto, having two magnetic pole pieces adapted to be periodically and magnetically connected

and disconnected, an armature reciprocable in a plane at right angles to the longitudinal axes of the pole pieces

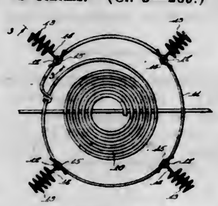


and movable into and out of contact therewith, and means for guiding the armature into contact with the pole pieces without relative impingement thereof.

1,576,440. FILTERING MEDIUM. HARRY C. MARTIN, Niagara Falls, N. Y., assignor to The Carborundum Company, Niagara Falls, N. Y., a Corporation of Pennsylvania. Filed Nov. 13, 1924. Serial No. 749,742. 6 Claims. (Cl. 210—205.)

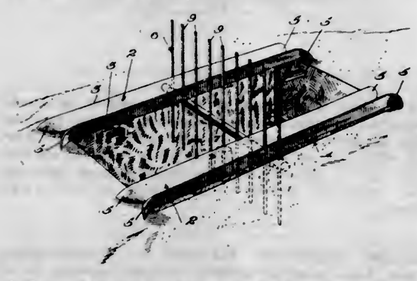
1. A filtering medium consisting of a porous structure formed from a compacted and baked mixture comprising mineral grains moistened with a resin solvent, and a synthetic resin, substantially as described.

1,576,441. FURNITURE SPRING. VINCENZO MASSACESE, New York, N. Y. Filed July 14, 1925. Serial No. 43,576. 4 Claims. (Cl. 5—269.)



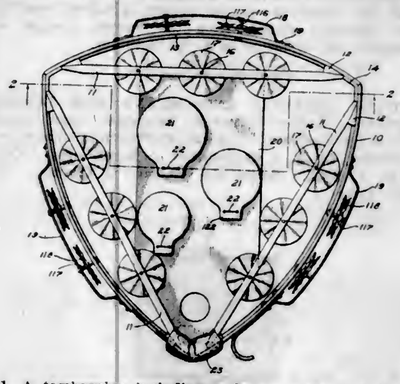
1. In a volute furniture spring having a plurality of radial offset receiving loops for the looped terminals of connecting coiled contractile springs, retaining means for holding said looped terminals in the offset loops, comprising an arcuate link.

1,576,442. GATE. JOSEPH WILLIAM MATTHEWS, Menard, Tex. Filed Dec. 26, 1924. Serial No. 758,225. 3 Claims. (Cl. 39—5.)



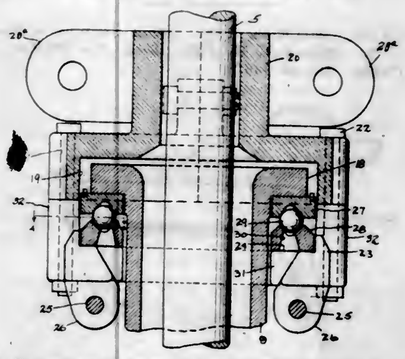
1. In combination, a pair of runways comprising spaced rails having inwardly beveled confronting surfaces and having flaring ends, a gate, means for mounting the gate on the runways, and yieldable means for holding the gate in a vertical position.

1,576,443. TAMBOURINE. EUGENE C. MCELHANY, Kalamazoo, Mich. Filed May 3, 1924. Serial No. 710,823. 3 Claims. (Cl. 84—418.)



1. A tambourine including a frame, presenting a plurality of sides at angles to each other, and braces extending across the tambourine adjacent to each side of the frame; together with jingle elements carried by said braces.

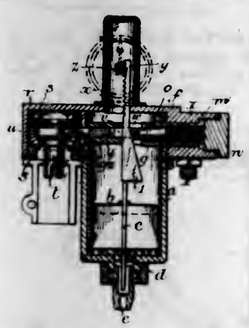
1,576,444. BELL-ROD MOUNTING FOR BLAST FURNACES. ARTHUR G. MCKEE, Cleveland, Ohio, assignor to Arthur G. McKee & Company, Cleveland, Ohio, a Corporation of Delaware. Filed Oct. 4, 1924. Serial No. 741,692. 5 Claims. (Cl. 214—37.)



4. The combination with a rotatable supporting rod; of a mounting for the upper end of said rod, said mounting including a laterally projecting circular flange on such rod end, an externally supported housing formed with a circular recess wherein such flange is received, a ring attached to such housing and formed with a ledge underlying the flange on said rod end; and a laterally open ball bearing, comprising upper and lower races with interposed balls, between said ledge and flange, space being left both between said ring and housing and between such lower race and said rod for the escape of dust and grid from said ball bearing.

1,576,445. INSTRUMENT OR APPARATUS FOR INDICATING THE FLOW OR CONSUMPTION OF LIQUIDS SUCH AS LIQUID FUEL. WILFRID B. MITCHELL, Lisbon, Portugal. Filed Nov. 10, 1922. Serial No. 600,172. 11 Claims. (Cl. 103—38.)

1. An apparatus for indicating the flow of a liquid, such as liquid fuel, comprising a fuel storage and distributing chamber having an inlet adapted to be connected with the supply and a separate outlet adapted to be connected with a place of consumption, admission control means driven in accordance with an engine deriving power from such liquid, regulating means influenced by the amount of liquid present at any instant in the chamber, operative connection between said regulating



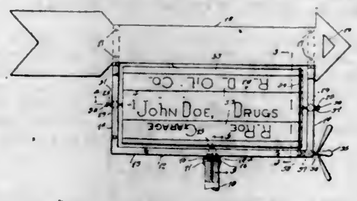
means and the admission control means to vary the admission, an indication device calibrated to indicate the flow of liquid, and operative connection between said regulating means and said indicating device whereby the state of the indicating device corresponds with the state of the adjustment of the regulating means.

1,576,446. DRAWING GLASS SHEETS. WILLIAM L. MONRO, Pittsburgh, Pa., assignor to Window Glass Machine Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Apr. 23, 1920. Serial No. 375,972. 7 Claims. (Cl. 49—17.)



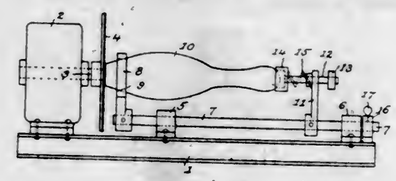
3. Apparatus for drawing sheet glass, comprising a bath from which a sheet of glass is drawn, a pair of bending roll portions engaging the edge portions only of a drawn sheet, the bending roll portions being a substantial distance above the bath, and width maintaining means associated with each sheet edge adjacent the bath.

1,576,447. WIND-OPERATED SIGN. JESSE I. MORELAND, Dodd City, Tex. Filed Sept. 25, 1924. Serial No. 739,898. 4 Claims. (Cl. 40—39.)



1. An advertising device comprising an upstanding U-shaped frame mounted for rotation in a horizontal plane, a vane secured to the side arms of said frame, a drum journaled on said arms, an operating shaft journaled on said frame, a wind wheel secured to said shaft, and a belt trained on said drum and shaft.

1,576,448. MACHINE FOR REFINISHING BOWLING-ALLEY PINS. BOHUMIL R. MUDRA, Chicago, Ill. Filed Jan. 28, 1924. Serial No. 688,960. 2 Claims. (Cl. 51—217.)



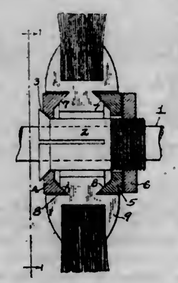
1. In a machine for refinishing bowling alley pins, the combination of a base, a stem mounted for turning and longitudinal adjustment on said base, work holding heads mounted in spaced relation on said stem with their upper ends formed for holding engagement with opposite end portions of the work, a transverse bridge piece having end bearings on the base and central engagement with an end of the aforesaid stem, means for fastening the bridge piece to said stem to hold the same against turning movement, and a power shaft revolubly mounted on the base and formed for end attachment of a refinishing tool or head.

1,576,449. FEED-CONTROLLING MEANS FOR ROCK DRILLS. WILLIAM G. NAISMITH, Denver, Colo., assignor to The Denver Rock Drill Manufacturing Company, Denver, Colo., a Corporation of Delaware. Filed July 1, 1920. Serial No. 393,373. 2 Claims. (Cl. 121—9.)



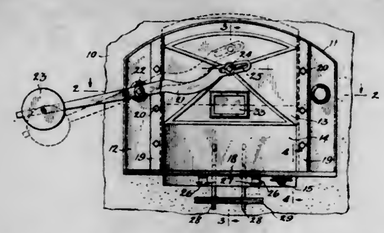
1. The combination with a tool-actuating motor, of fluid operated, extensible feeding means therefor including a cylinder member at the rear of the tool actuating motor and a piston operating in the cylinder member and having a portion that slidably projects from its rear end, connecting means interposed between the tool-actuating motor and the cylinder member, a reservoir for liquid on the cylinder member, a liquid conduit between the lower part of the reservoir and the cylinder member above the piston, said conduit extending through said connecting means, and valve mechanism in the connecting means controlling the passage of fluid to the tool-actuating motor and the reservoir and the passage of liquid through said conduit.

1,576,450. MOUNTING FOR CYLINDRICAL BRUSHES. LAURITS HENRIK NIELSEN, Kolding, Denmark, assignor to The Osborn Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 18, 1921. Serial No. 462,433. 5 Claims. (Cl. 15—179.)



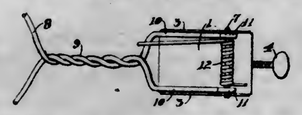
1. A mounting for a segmental cylindrical brush comprising a longitudinally split sleeve provided with a beveled flange adjacent one end and exteriorly threaded at the other end, a nut on said threaded sleeve-end, and annular members surrounding said sleeve between said flange and nut and adapted to engage the bases of brush sections.

1,576,451. OVEN CLOSURE. JAMES NOLLA, New Brunswick, N. J. Filed Mar. 28, 1925. Serial No. 19,153. 6 Claims. (Cl. 107—65.)



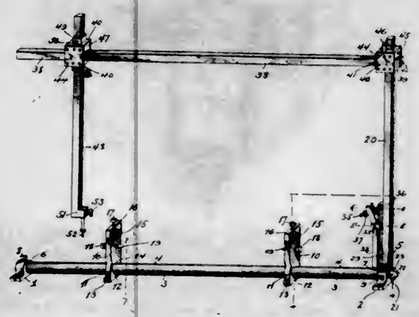
3. An oven closure comprising co-operative closure members mounted for controlling the oven opening in a manner to suit the introduction of goods of various sizes to and their removal from the oven to prevent the unnecessary escape of heat, one of said members being movable to opened and closed positions and being self-closing, and means for locking said self-closing closure member in opened position.

1,576,452. HAT HOLDER. EDMOND A. NOONAN and WALTER H. KERR, San Jose, Calif. Filed Sept. 27, 1923. Serial No. 665,216. 1 Claim. (Cl. 45—13.)



A device of the character described, comprising a plate having upwardly turned front and rear flanges and downwardly extending side flanges, a set screw operatively mounted in the rear flange, a pin mounted in and connecting said side flanges in parallel relation to said rear flange, and a wire loop having both ends twisted together for a distance and then separated and formed into parallel and spaced end portions provided with terminal loops engaging said pin, and a spring coiled upon said pin between said terminal loops and having one end extending rearwardly and engaging the under surface of said plate, and having the other end extending forwardly and engaging the under surface of one of the end portions of the wire loop.

1,576,453. TESTING MACHINE. JOHN R. NORDSTROM, Beloit, Wis., assignor of one-half to Elisha A. Beadle, Kewanee, Ill. Filed Mar. 12, 1924. Serial No. 698,750. 7 Claims. (Cl. 33—199.)

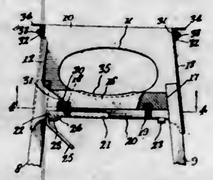


7. In a testing apparatus, the combination of a flat-sided standard, a flat-sided beam, a coupling head provided in opposite sides with a vertical groove and a horizontal groove, said grooves having flat walls and receiving the standard and the beam respectively, plates secured upon the sides of the head and extending across the grooves to retain the standard and the beam therein, and fastening devices mounted in the head and engaging the standard and the beam respectively whereby to secure them in set positions.

1,576,454. REFINING PROCESS FOR PEARL ESSENCE. JEAN PAISSEAU, Courbevoie, France. Filed Dec. 22, 1923. Serial No. 682,330. 2 Claims. (Cl. 252—1.)

1. A process of preparation of pearl essence wherein the raw material containing the brilliant crystalloids is treated by means of a biological reagent, the latter being of such nature as to provide a fermentation of the organic substances containing the said crystalloids, said treatment being continued until the said organic substances are destroyed, after which the crystalloids are separated from the dissolved residues of the fermentation process.

1,576,455. ADJUSTABLE LEG STRUCTURE. CLIFTON M. PARKER, Birmingham, Ala. Filed Mar. 26, 1925. Serial No. 18,569. 3 Claims. (Cl. 45—74.)



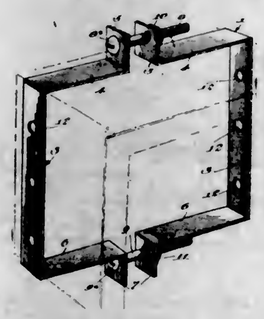
1. An adjustable leg structure comprising a frame having convergent casings, legs slidable in said casings, a locking bar slidable in said frame and having beveled ends to engage the legs, and yieldable means to urge the bar toward the convergent ends of the casings.

1,576,456. HAME. JAMES L. PARRISH, Valdosta, Ga. Filed June 8, 1922. Serial No. 566,820. 3 Claims. (Cl. 54—30.)



2. A hame having a wood body provided with a slightly tapered heavy metal strip on its outer margin, a heavy metal sleeve adapted to be forced while hot over a larger region of the hame and on cooling to grip edgewise said metal strip whether or not the wood portion shrinks, and trace and strap attaching devices carried by said sleeve.

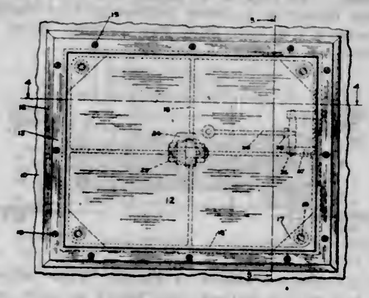
1,576,457. FIXTURE HOLDER. JOSEPH HENRY PETTY, Trenton, N. J. Filed Feb. 12, 1925. Serial No. 8,788. 3 Claims. (Cl. 248—30.)



1. A device for use in holding and mounting recessed type of fixtures in bath rooms having plastered walls, comprising a frame extending entirely around and embracing and directly engaging the fixture, the frame itself both framing and clamping the fixture, the frame having portions adapted to coact with fastening means for securing the frame to studding or the like.

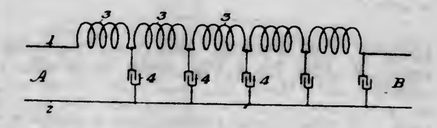
1,576,458. CORE-MAKER'S TABLE OR THE LIKE. GEORGE B. PICKOP, New Haven, Conn., assignor to The Malleable Iron Fittings Company, Branford, Conn., a Corporation of Connecticut. Filed Aug. 27, 1919. Serial No. 320,189. 26 Claims. (Cl. 22—56.)

3. A vibrating table provided with a vertically movable platen, means for yieldingly supporting said platen, a normally inoperative vibrator adapted to vibrate said platen, and means controlled by the pressure exerted in



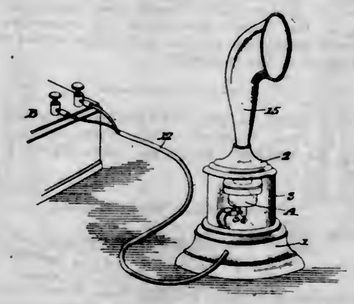
a downward direction upon said platen for setting the vibrator in operation.

1,576,459. ELECTRIC RETARDATION LINE. GEORGE W. PIERCE, Cambridge, Mass., assignor to Submarine Signal Company, Portland, Me., a Corporation of Maine. Filed Dec. 24, 1921. Serial No. 524,807. 8 Claims. (Cl. 178—44.)



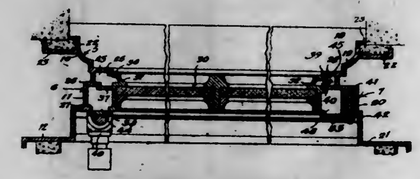
1. An electric retardation line having capacities in shunt and inductance elements in series and having the mutual inductance between adjacent inductance elements approximately equal to one-tenth of the self-inductance of the elements, substantially as described.

1,576,460. LOUD-SPEAKER SUPPORT. ALBERT PIHL, Murray, Utah, assignor to George F. Borkman, Salt Lake City, Utah. Filed Apr. 7, 1924. Serial No. 704,798. 3 Claims. (Cl. 179—146.)



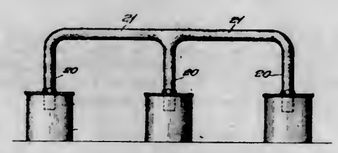
1. A loud speaker unit comprising in combination a supporting casing including a top having an opening, a loud speaker supported on said top and having its inlet end in communication with said opening, a receiver disposed within the casing, and means for supporting said receiver from said top including a plate attached to said receiver, and a nipple fixed to the plate and extending into the opening of the top, said nipple having a threaded connection with the wall of said opening.

1,576,461. CASEMENT WINDOW. JOHN POLACHEK, New York, JULIUS JEPSEN, Brooklyn, and EDMUND PEREMI, New York, N. Y., assignors to John Polachek, Long Island, N. Y., doing business as John Polachek Bronze & Iron Co. Filed May 2, 1923. Serial No. 636,157. 1 Claim. (Cl. 189—69.)



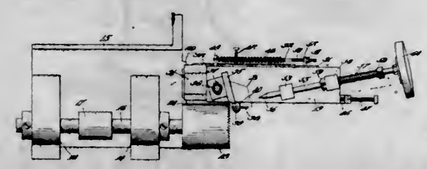
In a casement window, a metallic frame including side, top and sill sections, each having an outer, intermediate and inner flange arranged at spaced relation and a window sash pivotally connected to one of said side secions and having outer, intermediate and inner flanges overlapping and contacting respectively the outer, intermediate and inner flanges of said sections, said side sections each having a substantially L-shaped flange adapted to engage a wall on one vertical edge, and an encircling flange structure on the opposite edge, said encircling flange structure being positioned to partly encircle a projection from a wall for anchoring the frame in place.

1,576,462. FISH BRIDGE. HERMAN A. POLZIN, Chicago, Ill. Filed Feb. 4, 1924. Serial No. 690,472. 6 Claims. (Cl. 119—5.)



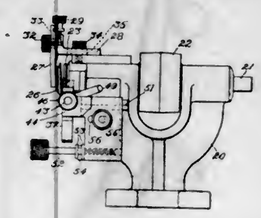
1. A fish bridge comprising an integral glass pipe having a bore therethrough adapted to be filled with water, the open ends of said pipe being down-turned and adapted to project into a water-filled receptacle, and means on the turned down ends for supporting the bridge and permitting vertical adjustment of the bridge with respect to the receptacle.

1,576,463. HEEL-BLANK-BREASTING MACHINE. LYMAN B. POPE, Bradford, Mass. Filed Oct. 4, 1923. Serial No. 666,600. 20 Claims. (Cl. 143—85.)



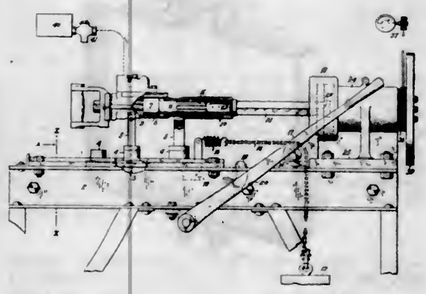
18. A machine for grooving or curving the breast face of a heel blank comprising a rotatable tubular saw, a carriage arranged to move in a direction substantially parallel to the longitudinal axis of the saw, and means on said carriage for holding a heel blank in a position wherein the front end portion of the blank is disposed in longitudinal alignment with a portion of said saw, said means being constructed so as to permit the blank to be set at different angles to vary the angle of the cut in the front end portion of the blank.

1,576,464. HEEL-TRIMMING MACHINE. LYMAN B. POPE, Bradford, Mass. Filed Feb. 26, 1924. Serial No. 695,336. 20 Claims. (Cl. 12—88.)



17. In a heel trimming machine, in combination, a rotary cutter, a cutter guard for controlling the position of the work with respect to said cutter, a table over which the work is guided, a slide guided for movement in the direction of the axis of said cutter, a screw for adjusting said slide, a fixed bracket by which said screw is carried, a trunnion on said table journalled in said slide on an axis transverse to the axis of said cutter, and a clamping bolt and an operating handle therefor for clamping said trunnion in adjusted position.

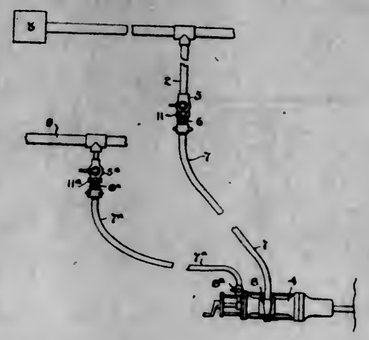
1,576,465. TESTING HAMMER ROCK DRILL. LESLIE PRYCE, Johannesburg, Transvaal, South Africa. Filed Oct. 5, 1923. Serial No. 666,826. 11 Claims. (Cl. 73—51.)



1. The process of testing a hammer rock drill in which the reciprocating movement of the piston and the rotative movement of the tool chuck are positive with one another, which consists in running the drill by means of working fluid at standard pressure and under a standard rotational load and measuring the angular speed of the chuck.

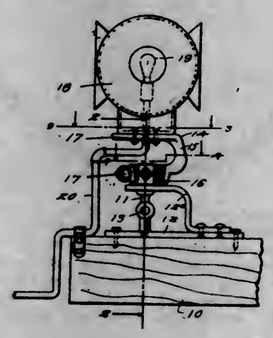
1,576,466. STRAINING FLUID IN FLUID-TRANSMISSION SYSTEM. LESLIE PRYCE, Johannesburg, Transvaal, South Africa. Filed Feb. 15, 1924. Serial No. 693,145. 6 Claims. (Cl. 183—34.)

1. The process of cleaning a strainer in a pressure fluid transmission system comprising a source of supply of fluid, which consists in shutting off a single-way, unshunted section of the transmission system at both ends, so as to cut off such section from the source of supply and also to trap therein a body of the fluid under resilient



pressure tending to expel it from the said section; and thereafter evacuating such trapped fluid reversely through the strainer by such pressure.

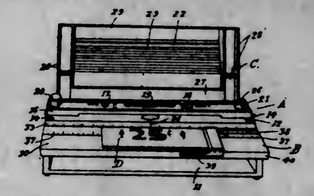
1,576,467. ELECTRIC SIGNAL LAMP FOR RAILWAY SWITCHES. CLARENCE J. RHOH, Altoona, Pa. Filed Sept. 24, 1925. Serial No. 58,390. 3 Claims. (Cl. 246—276.)



2. In combination with a stem operated by a switch, a bracket attachable to the stem, a signal lamp carried by the bracket, said bracket having an offset portion, a conduit extending to the lamp and adapted as a means for passage of conductors therethrough to the illuminating means of the lamp.

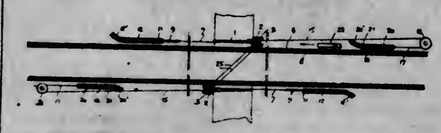
1,576,468. STENCILING DEVICE. JACOB J. REUSCH, St. Paul, Minn., assignor to National Sign Stencil Company, St. Paul, Minn., a Corporation. Filed Mar. 2, 1923. Serial No. 622,300. 4 Claims. (Cl. 101—126.)

1. A stenciling device including a series of stencils, means for holding said stencils in a concealed or display position, a stenciling table, a clamping means having a central point, a series of scales adapted to indicate the overall dimension of a card to be stenciled upon and to indicate the center of the card and to indicate the movement of the stencil whereby a display can be stenciled equally spaced on either side of the center of the card held in said clamp, a tray positioned in back and above said clamping device having a backwardly inclined



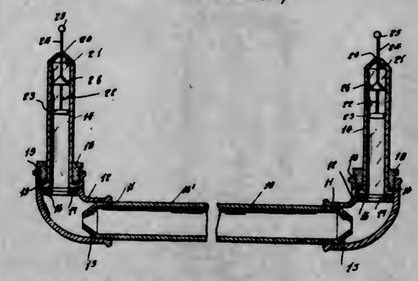
shelf, whereby a card may be passed over said stenciling table through said clamping means and beneath said tray while being stenciled.

1,576,469. RAILROAD GATE. CHARLES E. RICE, Delray, Fla. Filed Nov. 16, 1925. Serial No. 69,419. 2 Claims. (Cl. 246—293.)



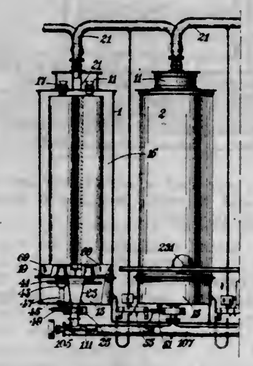
1. Means for automatically operating railroad gates, including a drum upon the pivot of the gate and having a cable wound thereon, a guideway spaced from said gate at one side thereof and having a slide working therein, said slide having a spring connection with one end portion of said cable and being operable by a ramp upon the car to tension said spring connection to thereafter set the gate to operative position, and a guideway spaced from said gate at the opposite side thereof and having a slide working therein, said slide having a spring connection with the other end portion of said cable and being operable by said ramp of the car to tension said spring and thereafter set the gate to inoperative position.

1,576,470. TERRACE LEVEL. JUAN RICHARDSON, Good Water, Ala. Filed Apr. 2, 1925. Serial No. 20,311. 1 Claim. (Cl. 33—209.)



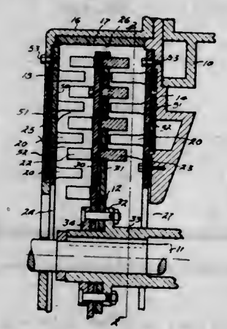
A level of the class described comprising an elongated tube having frusto-conical ends, elbows threaded to said tube, said elbows having internal flanges, indicator tubes in parallel relation and having flanges engaging the first mentioned flanges, nuts engaging the elbows and securing the flanges in contact, said indicator tubes having frusto-conical ends providing vent openings and valve seats, said indicator tubes, first mentioned tube and elbows being adapted to contain a liquid, floats in the indicator tubes subject to the level of the liquid, rods rising from the floats and passing through said openings, and valves on the floats to coact with said seats.

1,576,471. EVAPORATOR FOR CONCENTRATING OR DRYING. THOMAS RIGBY, London, England. Filed Nov. 23, 1921. Serial No. 517,299. 2 Claims. (Cl. 159—12.)



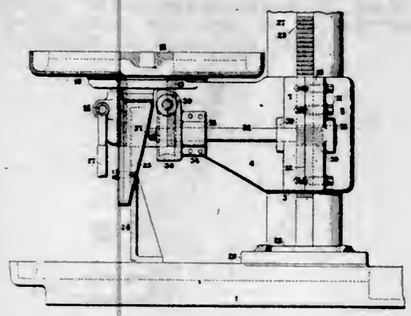
1. A drying apparatus comprising two casings, a hollow drying drum in each, a duct connecting the space within one of the casings with the inside of the drum in the other casing, means for applying material to be dried to the surface of each drum at a determinate portion of its periphery, means for removing such material from each drum at another portion of its periphery, and two devices for discharging material from the apparatus whereof one is associated with each of the aforesaid two casings and each of which devices is fed solely by the corresponding one of said removing means.

1,576,472. PULVERIZING MACHINE. ROBERT SANFORD RILEY, Worcester, Mass., assignor to Sanford Riley Stoker Company, Worcester, Mass., a Corporation of Massachusetts. Filed July 21, 1924. Serial No. 727,241. 14 Claims. (Cl. 83—11.)



1. A pulverizing machine comprising a casing, a rotor mounted therein, metallic bodies mounted on one of said parts and arranged to pulverize material by impact thereagainst, and a substantially rigid mounting to hold each of said bodies fixedly in position on its supporting part under the normal stresses of pulverizing the material, but which permits a slight yielding movement of said body only under abnormal stresses.

1,576,473. FRONT HAND ELEVATOR FOR ARMS. LAWRENCE LEE SCHAUER, Cincinnati, Ohio, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio, a Corporation of Ohio. Filed June 13, 1921. Serial No. 477,145. 6 Claims. (Cl. 77—63.)



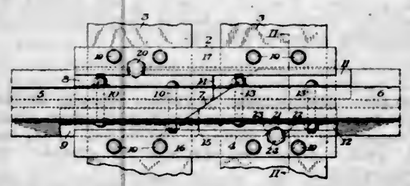
3. A drilling-machine combining a cylindrical column; an arm radiating therefrom and having its rear end in the form of a sleeve split transversely to the length of said arm; a work-support located upon the forward end of said arm, means embodying reduction gearing and located at the forward end of said arm for enabling it to be manually elevated; and means accessible at the forward end of said arm for manually clamping it on said column.

1,576,474. EXERCISER. SHERIDAN A. WALKER, New York, N. Y. Filed July 3, 1924. Serial No. 723,895. 2 Claims. (Cl. 272—82.)



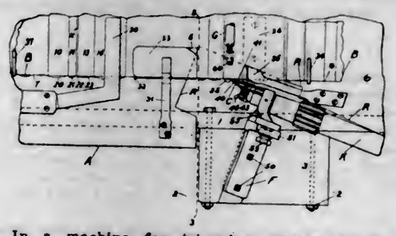
1. In an exerciser, a plurality of spring metal strips in substantial alinement with each other, a pair of handles having bifurcated holders adapted to fit over the ends of said strips, said strips and said holders being provided with apertures adapted to register with each other, and fastening bolts adapted to fit through said apertures and secure said strips and holders together.

1,576,475. RAIL JOINT. EZRA C. WELSH, New Middletown, Ohio. Filed Aug. 20, 1925. Serial No. 51,889. 7 Claims. (Cl. 238—210.)



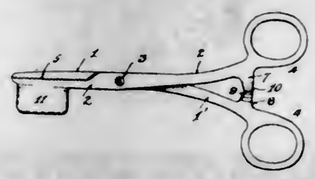
1. The combination with a pair of rails having cooperating angular end faces, of means cooperating with the flange of one rail for effecting a relative transverse movement of one rail when it moves longitudinally with respect to the other, whereby said angular end faces are maintained in contact.

1,576,476. SELVAGE-LOOP-TRIMMING MACHINE. FRED C. WHITTIER, Lowell, Mass., assignor to Massachusetts Cotton Mills, Lowell, Mass., a Corporation of Massachusetts. Filed Mar. 2, 1923. Serial No. 622,424. 9 Claims. (Cl. 26—7.)



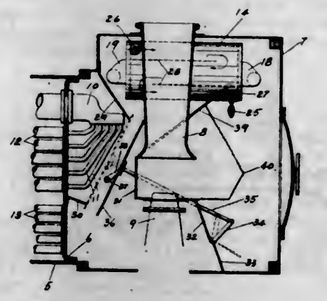
3. In a machine for trimming selvage loops from cloth, the combination of a table, guides to keep the cloth flat on the surface of the table, selvage guides so alined as to direct the selvage edge in a straight line, a power clipper with its cutting members proximate said line, a protector guide between the clipper and said line, power means to drive the clippers, and means above and below the level of the surface of the table to direct a current of air from said alinement towards said clipper.

1,576,477. DENTAL FILM HOLDER. PETER WIENS, Peoria, Ill. Filed Apr. 11, 1925. Serial No. 22,469. 7 Claims. (Cl. 250—34.)



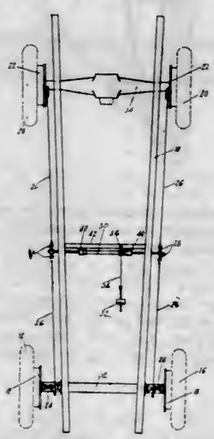
1. A dental film holder including a pair of jaws pivoted to one another between which to clamp a film, and each including a handle, a member extending laterally in a fixed position from one of the jaws in a plane substantially at right angles to the clamping faces of said jaws, and means to positively lock the jaws relatively.

1,576,478. COMBINED FEED-WATER HEATER AND ECONOMIZER. VIRGINIUS Z. CARACRISTI, Bronxville, N. Y. Filed Feb. 7, 1921. Serial No. 443,294. 11 Claims. (Cl. 122—42.)



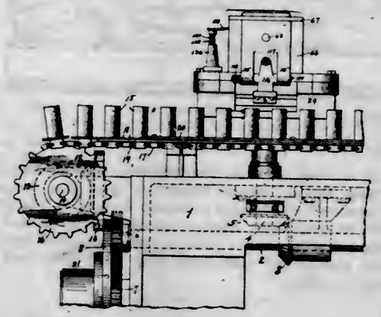
1. A feed water heater for locomotives, comprising in combination with the locomotive smoke box, a feed water drum arranged within the upper portion of the smoke box, a damper controlling the products of combustion from some of the fire tubes to allow the same to pass through said drum, a second damper, and connections between the same and said first damper whereby the second damper is closed by the opening of the first damper to cause the products of combustion from the remaining fire tubes to pass through the feed water drum.

1,576,479. VEHICLE BRAKE. ADIEL Y. DODGE and WILLIAM J. ANDRES, South Bend, Ind., assignors to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 23, 1925. Serial No. 58,077. 8 Claims. (Cl. 188—10.)



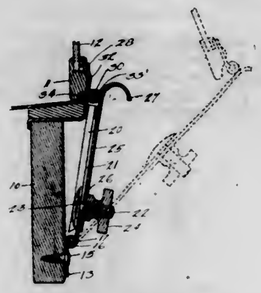
2. A vehicle having a pair of front wheels having brakes and a pair of rear wheels having brakes, and comprising, in combination therewith, a driver-operated rock-shaft extending crosswise of the vehicle, connections from each end of the shaft to the front brake and the rear brake on that side of the vehicle, and means for supporting the rock-shaft spaced substantially inwardly from its ends, the end parts of the rockshaft overhanging said means being reduced in diameter and free to flex slightly to equalize small differences in pressure between the front and rear brakes.

1,576,480. CLIP-ATTACHING MACHINE. ALFRED W. KATH, Detroit, Mich., assignor to Arthur Colton Company, Detroit, Mich., a Corporation of Michigan. Filed Sept. 19, 1924. Serial No. 738,655. 12 Claims. (Cl. 113—1.)



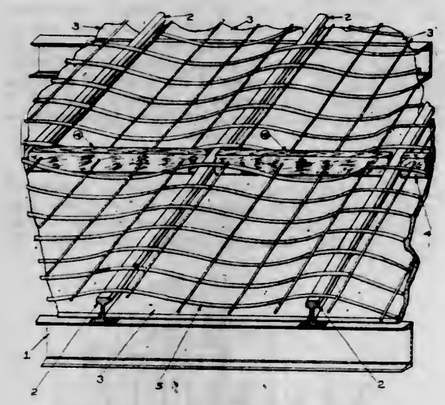
1. In a clip attaching machine, means embodying a pair of jaws to fold a clip-blank to V-shape and to carry it to position over the closed end of a container tube, and means to force the jaws together to secure the clip onto the end of the tube.

1,576,481. WINDSHIELD CONTROL. JOHN R. KING, Ruthven, Iowa. Filed Sept. 17, 1923. Serial No. 663,105. 2 Claims. (Cl. 296—94.)



2. A wind shield control device comprising a plate secured to the dash of an automobile, a swinging plate hingedly connected thereto, a control bar slidably mounted on said swinging plate, a connector member secured to the wind shield frame, means for hingedly connecting the control bar to said connector member, a finger piece at said last mentioned hinge and means for clamping said swinging plate and said control bar together when the windshield is in any of its adjusted positions.

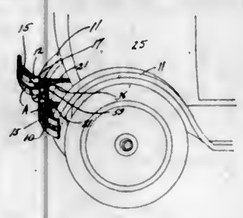
1,576,482. ROOF. GEORGE P. LEHN, Chicago, Ill., assignor to United States Gypsum Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 20, 1924. Serial No. 700,470. 6 Claims. (Cl. 108—6.)



1. In a roof or floor construction, flanged supporting members, plaster boards supported upon the flanges of said members, reinforcing members secured to the plaster boards between their edges extending between said supporting members, and a plastic body supported upon the plaster boards and embedding the reinforcing and supporting members.

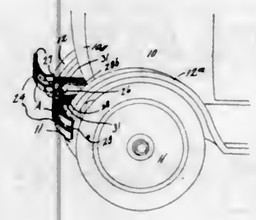
1,576,483. BUMPER AND MOUNTING MEANS. ALGOT W. NORDGREN, St. Paul, Minn., assignor to Marquette Manufacturing Company, St. Paul, Minn. Filed Nov. 4, 1925. Serial No. 66,709. 8 Claims. (Cl. 293—55.)

1. In a device of the class described, the combination of a car having a longitudinal and a transverse frame member with a bumper support having a portion arranged parallel with and secured to said longitudinal member, and a brace secured to said bumper support



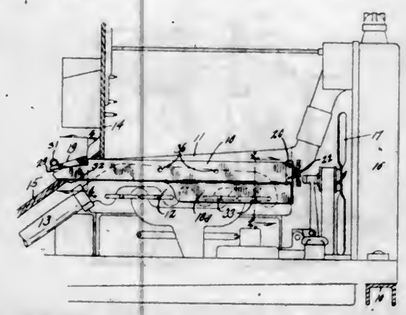
and inclined laterally and upwardly therefrom and secured to said transverse member at a point substantially spaced from the longitudinal member.

1,576,484. FENDER GUARD. ALGOT W. NORDGREN, St. Paul, Minn., assignor to Marquette Manufacturing Company, St. Paul, Minn. Filed Nov. 25, 1925. Serial No. 71,345. 10 Claims. (Cl. 293—55.)



1. A fender guard support, comprising a rigid supporting member having a portion adapted to be secured to a car frame and extending away therefrom and terminating in a curved portion inclined at a substantial angle to said first portion, and a supporting element pivoted to the latter portion of said first member and adapted to be mounted on the longitudinal frame member of the car.

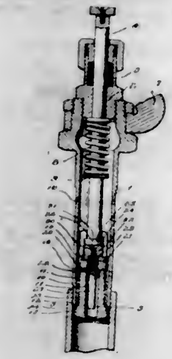
1,576,485. VEHICLE HEATER. HAMPTON I. SURLS and JOHN T. KENNEDY, Iowa Falls, Iowa, assignors of one-third to William Dunning, Iowa Falls, Iowa. Filed Dec. 2, 1925. Serial No. 72,668. 5 Claims. (Cl. 237—12.3.)



5. In a vehicle heater, an enclosure member adapted to be placed over and receive a heated portion of an engine and having a channel adapted to extend from said heated portion into the body of a vehicle, a closure

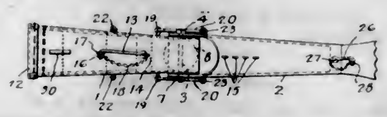
member at the front end of said enclosure, a shaft journaled in said closure member, a wind wheel on the front end of said shaft adapted to be actuated by the draft created by the ordinary engine fan, a fan on the other end of said shaft within the enclosure, and a movable closure member at the other end of said enclosure.

1,576,486. VALVE. JOHN J. FARRELL, Rochester, N. Y., assignor to Michaels, Stern & Company, Rochester, N. Y., a Partnership composed of Joseph Michaels, Henry M. Stern, Samuel M. Weil, Harry F. Leiter, Walter S. Meyers, Morley A. Stern, Morris M. Meyers, Isaac Stern, Malcolm W. Gillis, and Jacque L. Meyers, all of Rochester, N. Y. Filed July 21, 1924. Serial No. 727,116. 4 Claims. (Cl. 251—25.)



4. A valve comprising a valve stem having a shoulder near one end, a valve member having a screw threaded extension abutting said end of the stem and formed with a counter-sunk portion in said abutting portion and also with a central opening, a collar engaging the screw threaded extension of the valve member and formed with an internal shoulder engaging the shoulder on the stem, a packing ring carried by the valve member and having a central opening, a guide having a screw threaded extension passing through the central opening of the packing ring and engaging the valve member and having also an annular shoulder cooperating with the packing ring to hold the latter to the valve member, and a screw having its head received in the counter-sunk portion of the screw threaded extension of the valve member extending through the opening of the valve member into the screw threaded extension of the stem guide to hold the latter against movement.

1,576,487. ARTIFICIAL ARM. HARRIETTE E. HODGSON, New York, N. Y. Filed Aug. 22, 1923. Serial No. 658,765. 2 Claims. (Cl. 3—12.)



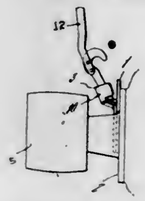
1. An artificial arm, comprising an upper arm section and a forearm section of rigid hollow construction, a joint connecting the sections, hook and eye devices on the sections for rigidly supporting the forearm section in various angular positions and other hook and eye devices on the sides of the sections for bracing them when straightened against lateral stresses.

1,576,488. ICE BAG. HARRIETTE E. HODGSON, New York, N. Y. Filed Feb. 2, 1924. Serial No. 690,137. 2 Claims. (Cl. 128—258.)



2. An ice bag for medical and surgical use, having walls of cellular absorbent fibrous material, characterized by the combination of two such bags slipping one within the other, the inner bag having one wall composed of two sections overlapping intermediate the ends of the bag.

1,576,489. CLUTCH-PEDAL DETENT FOR TRACTORS. VICTOR I. PEARSON, Hecla, S. Dak., assignor of one-half to Harry E. Bengtsson, Hecla, S. Dak. Filed June 9, 1925. Serial No. 36,066. 1 Claim. (Cl. 74—81.)



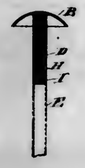
A clutch detent comprising a pivotally mounted hook, a bracket for supporting the same on a tractor in proximity to the driving pulley, and a spring tensioned between the detent hook and the bracket and tending to propel the hook in a direction away from the clutch lever, the bracket being provided with a belt guard in shielding relation to the detent.

1,576,490. FINISHING MOLDING. HOWARD D. RANDALL, Cincinnati, Ohio, assignor to The J. D. Randall Company, Cincinnati, Ohio, a Corporation of Ohio. Filed July 26, 1922. Serial No. 577,665. 15 Claims. (Cl. 155—184.)



1. A molding of the class described comprising a core, a cover for the core, and a strip extending lengthwise of the core, contacting the core and securing the cover upon the core.

1,576,491. SELF-CLEANING PATCH-APPLYING INSTRUMENT. EDWARD O. YOUNG, Cleveland Heights, Ohio. Filed Nov. 18, 1925. Serial No. 69,819. 5 Claims. (Cl. 152—26.)



1. In an instrument for applying a tire patch, said patch having a central stem extending from one side thereof, the said stem having a terminal enlargement, said instrument having an elongated tapering body open at one end to receive said enlargement and stem, the large extremity of said body being longitudinally slotted as far as the position of said enlargement therein, to form grasping fingers, said enlargement serving as a stopper to prevent the passage of cement into said body, said enlargement serving also as a wiper for cleaning said fingers when said body is withdrawn therefrom.

1,576,492. SLOT PROTECTOR FOR AUTOMOBILE FLOOR MATS. EDWARD O. YOUNG, Cleveland Heights, Ohio. Filed Dec. 12, 1925. Serial No. 75,012. 4 Claims. (Cl. 74—81.)

1. In a device of the character described a floor mat having a linear slot therethrough and vertically extended walls therefor, said walls being inclined to bring these outer edges closely together, the angles of union of



said walls with said mat being reinforced, said side walls being extended above and below said mat to afford a double protection for said slot.

1,576,493. SLOT PROTECTOR FOR AUTOMOBILE FLOOR MATS. EDWARD O. YOUNG, Cleveland, Ohio. Filed Dec. 16, 1925. Serial No. 75,726. 9 Claims. (Cl. 74—81.)



1. An automobile floor mat provided with a linear slot for the passage of the shank of a pedal lever, and an enclosure adjacent to said slot; said enclosure being provided with side, bottom and end retaining walls, and slabs of resilient water proof material, seated in said enclosure.

Patents Nos. 1,576,494 to 1,577,434.

THE OFFICIAL GAZETTE OF THE United States Patent Office.

Vol. 344—No. 3. TUESDAY, MARCH 16, 1926. Price—$5 per year.

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TARDE-MARK REGISTRATIONS RENEWED	605
LABELS	612
PRINTS	612
REISSUES	613
DESIGNS	614
PATENTS GRANTED	624

Issue of March 16, 1926.

Trade-Marks	329—No.	210,336 to No.	210,664, inclusive.
T. M. Renewals	229		
Labels	27—No.	30,039 to No.	30,065, inclusive.
Prints	10—No.	8,634 to No.	8,643, inclusive.
Reissues	3—No.	16,292 to No.	16,294, inclusive.
Designs	45—No.	69,683 to No.	69,727, inclusive.
Patents	941—No.	1,576,494 to No.	1,577,434, inclusive.
Total	1,584		

Notice—Internal Revenue—Stamp—Powers of Attorney.

The following provision of the Act to Reduce and Equalize Taxation, etc., approved June 2, 1924—

power of attorney granting authority to do or perform some act for or in behalf of the grantor, which authority is not otherwise vested in the grantee, 25 cents (43 Stat. L. 253–336, sec. 807–10),

was repealed by the Act to Reduce and Equalize Taxation, etc., approved February 26, 1926, effective 30 days thereafter.

Powers of attorney filed in this Office which were executed after March 28, 1926, will therefore not require a revenue stamp.

THOMAS E. ROBERTSON,
Commissioner.

Interference Notices.

U. S. PATENT OFFICE, *Washington, Mar. 5, 1926.*

Tennessee Packing & Provision Company, its assigns or legal representatives, take notice:

An interference having been declared by this Office between the applications of Wagner & Company, 4123–29 West Grand Avenue, Chicago, Ill., and Neuhoff Packing Company, Nashville, Tenn., for registrations of trade-marks and trade-marks registered March 7, 1905, No. 44,290, and June 11, 1907, No. 63,296, to Tennessee Packing & Provision Company, Nashville, Tenn., and a notice of such declaration sent by registered mail to said Tennessee Packing & Provision Company at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Tennessee Packing & Provision Company, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, *Washington, Mar. 4, 1926.*

John Densley, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application for patent of Enos Ashley, 83 Oliver Avenue north, Minneapolis, Minn., and John Densley, 89 South Thirteenth Street, Minneapolis, Minn., and a notice of such declaration sent by registered mail to said John Densley at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said John Densley, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

ADJUDICATED PATENTS.

(C. C. A. N. Y.). The Twitchell patent, No. 927,298, for pressure gauge for pneumatic tires, claims 1–3 *Held* valid and infringed. *A. Schrader's Sons* v. *Wein Sales Corporation*, 9 F. (2d) 306.

(D. C. Mich.) The Haynes patent, No. 1,057,423, for alloy of cobalt, chromium, and tungsten, claims 1 to 4 *Held* invalid and claims 5 to 8 *Held* valid, but not infringed. *Haynes Stellite Co.* v. *Chesterfield*, 8 F. (2d) 765. (Correcting notice in 343 O. G. 484.)

(D. C. N. Y.) The Armstrong patent, No. 1,113,149, for wireless receiving system having feedback to grid circuit, claims 9, 15, and 16 *Held* infringed. *Westinghouse Electric & Mfg. Co.* v. *Royal-Eastern Electrical Supply Co.*, 9 F. (2d) 397.

(C. C. A. Calif.) The Hoover patent, No. 1,191,306, for automobile bumper, claims 1, 3, and 6 *Held* valid, but not infringed. *Chester N. Weaver, Inc.*, v. *American Chain Co.*, 9 F. (2d) 372.

(C. C. A. N. Y.) The Block patent, No. 1,302,760, for insole with arch support, claim 1 *Held* valid and infringed. *Block* v. *Nathan Anklet Support Co.*, 9 F. (2d) 311.

(C. C. A. Mo.) The Noser patent, No. 1,313,412, for improvement in locks for automobile shift levers, claims 9 and 10 *Held* valid, but not infringed. *Johnson Automobile Lock Co.* v. *Noser Instant Auto Lock Co.*, 9 F. (2d) 265.

Condition of Applications Under Examination at Close of Business March 5, 1926.

Condition of Applications Under Examination at Close of Business March 5, 1926.

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 40,726; Trade-Mark Division, 2,017. Oldest new case, Aug. 7, 1925; oldest amended, Aug. 13, 1925. The dates given are 1925 except where † indicates 1926.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Harrows and Diggers; Plant Husbandry; Plows; Planting; Scattering Unloaders.	Dec. 16	Dec. 19	572
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco.	Nov. 14	Nov. 5	589
331	3. RICH, WM. J., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 24	Nov. 25	893
234	4. MERRITT, A. D., Conveyers, Chutes, Skids, Guides, and Ways; Conveyers, Fluid Current; Conveyers, Power Driven; Excavating; Handling—Hand and Hoist-Line Implements; Material or Article Handling, Pushing and Pulling Implements, Traversing Hoists.	Dec. 12	Dec. 28	526
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording and Reproducing; Tying Cords or Strands.	Oct. 8	Oct. 8	850
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Hides, Skins and Leather; Sugar and Starch; Concentrating Evaporators.	Nov. 25	Nov. 7	1,067
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Dec. 15	Dec. 14	784
123	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Dec. 14	Dec. 16	1,028
221	9. TRYON, F. M., Air and Gas Pumps; Hydraulic Motors; Injectors and Ejectors; Motors, Fluid; Motors, Fluid Current; Pumps.	Dec 7	Oct. 23	535
118	10. HUNTER, O. F. (Acting), Motor Vehicles; Land Vehicles—Animal Draft Appliances, Bodies and Tops, Dumping.	Nov. 16	Nov. 17	963
148*	11. ARMSTRONG, H. C., Boot and Shoe Making; Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whips and Whip Apparatus; Cutting and Punching Sheets and Bars; Driven, Headed, and Screw-Threaded Fastenings.	Dec. 9	Dec. 12	697
380	12. PIERCE, P. P., Machine Elements	Dec. 9	Dec. 8	643
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning.	Dec. 10	†Jan. 5	597
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Nov. 9	Dec. 4	911
320	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Dec. 11	Dec. 14	580
342*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Nov. 14	Nov. 20	915
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Dec. 1	Nov. 18	383
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Nov. 3	Oct. 22	791
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Oct. 28	†Jan. 2	523
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	Dec. 11	Dec. 11	746
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Dec. 7	Dec. 10	468
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms; Ordnance; Ammunition and Explosive Devices; Ammunition and Explosive-Charge Making; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Dec. 11	Dec. 23	509
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Oct. 16	Oct. 14	284
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Dec. 22	†Jan. 6	464
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Dec. 15	Dec. 16	782
238*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dyname Plants	Sept. 16	Sept. 19	763
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	†Jan. 7	Dec. 29	533
225	28. BENSON, A. R., Internal-Combustion Engines	†Jan. 5	†Jan. 5	685
160*	29. MORRIS, B. N., Abrading; Boring and Drilling; Button Making; Chucks or Sockets; Coopering; Tool-Handle Fastenings; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Aug. 7	Aug. 13	1,106
248	30. SULLIVAN, M. R., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Dec. 5	Dec. 7	810
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	†Jan. 11	†Jan. 11	718
249	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Nov. 12	Nov. 12	588
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	†Jan. 8	†Jan. 6	627
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways; Railway Rolling Stock; Railway Switches and Signals; Railways, Surface Track; Railway Wheels and Axles; Store Service; Track Sanders; Vehicle Fenders.	Oct. 3	Oct. 1	669
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Dec. 15	Dec. 21	556
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Nov. 24	Dec. 8	1,042
234*	37. TAYLOR, E. C., Electricity, Circuit Makers and Breakers	Dec. 5	Dec. 2	893
145	38. IDE, G. R., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Sept. 14	Oct. 16	836
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Dec. 17	Dec. 29	478
260	40. OBERLIN, J. J., Baggage; Bottles and Jars; Cloth, Leather, and Rubber Receptacles; Deposit and Collection Receptacles; Metallic Receptacles; Package and Article Carriers; Paper Receptacles; Special Receptacles and Packages; Wooden Receptacles.	Nov. 24	Dec. 4	1,051
125	41. BROWN, J. L., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Dec. 17	Dec. 8	427
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Nov. 13	Nov. 14	1,076
124*	42. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Nov. 14	Dec. 1	810
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Sept. 28	Sept. 15	888
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Dec. 2	Dec. 2	515
233	46. WOLCOTT, C. L., Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Dec. 1	Nov. 25	624
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Nov. 10	Nov. 16	1,100
213*	48. ROPKE, O. B., Electricity, Conductors; Electricity, General Applications	Oct. 1	Sept. 28	1,668
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Pneumatics; Velocipedes; Driers; Liquid Separation or Purification.	Dec. 16	Dec. 16	567
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Oct. 24	Oct. 25	1,187
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission; Electric Lamps	Oct. 22	Oct. 14	1,752
144	52. MORGAN, E. T., Supports; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings.	Dec. 18	Dec. 17	625
241*	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Dec. 18	Dec. 25	707
102	DESIGNS: C. O. MARKHAM (Acting)	†Feb. 6	†Feb. 15	325
163	TRADE-MARKS, LABELS, AND PRINTS: T. L. MEAD, JR. {Trade-Marks	†Feb. 2	†Feb. 8	1,915
	{Labels and Prints	†Feb. 6	†Feb. 25	102

* Refers to room numbers in the annex.

REPORT OF THE COMMISSIONER OF PATENTS TO CONGRESS

FOR THE YEAR ENDED DECEMBER 31, 1925.

DEPARTMENT OF COMMERCE,
UNITED STATES PATENT OFFICE,
Washington, D. C., January 31, 1926.

To the Senate and House of Representatives (through the Secretary of Commerce):

In compliance with section 494 of the Revised Statutes I have the honor to submit the following report of the business of the Patent Office for the year ended December 31, 1925:

By Executive order the Patent Office was transferred on April 1, 1925, from the Department of the Interior to the Department of Commerce, so that for the last three quarters of the year the Office has been under the jurisdiction of Secretary of Commerce Hoover.

It has many times been said that the condition of business throughout the country is reflected by the volume of business received by the Patent Office. If this be true, surely business conditions have been good throughout the country during the calendar year 1925, since during that year the Patent Office received 108,817 applications of all kinds as against 101,134 in the previous year. Patent applications alone increased from 80,756 to 84,525.

That the Patent Office has been a busy institution during the year may also be seen from the fact that the number of patents actually granted increased from 42,594 in 1924 to 46,450 in 1925. The total issues of patents, designs, trade-marks, etc., increased from 63,062 to 68,222 (including 2,278 trade-mark renewals).

The cash receipts also show a healthy increase. In 1924 the Patent Office received more fees than in any previous year in its history, $3,152,792.97; but this record was broken in 1925 by the receipts of $3,411,734.13, an increase during the year of $258,941.16.

Connecticut is still first among all the States of the country with respect to the number of patents granted per thousand inhabitants, 1 patent being issued for every 1,076 persons in that State. California, across the continent, is second, having a ratio of 1 patent for every 1,117 inhabitants. 5,347 patents were granted to citizens of foreign countries, Germany being first with 1,296 patents, England second with 1,225 patents, and Canada third with 798. It is interesting to observe that in Canada 69 patents were issued to citizens of this country to every 31 to citizens of Canada *and all the countries of the world.*

With the aid of the increased force given by Congress the Patent Office has been catching up with its work. Thus at the beginning of the year there were 55,931 patent applications awaiting action, and at the end of the year there were only 41,275, a gain of 14,656. Gains were also made in design, trade-mark, and print and label applications, so that the total gain amounted to 15,131.[1] In this connection it is well to note that these gains were made notwithstanding the additional receipts above referred to and also in spite of the fact that the Office received 15,124 amended cases more than in the previous year, so that the relative gain during the year was over 30,000.

GAIN IN DATES.

Notable gains have been made with respect to the time an applicant must await an official action, the average time having been reduced during the year from 4.5 to 2.6 months in new cases and from between 3 and 4 to 2.3 months in amended cases. The gain is also shown in the following table, indicating how far behind the various divisions were two years ago, one year ago, and at the end of 1925:

Two years ago (1923)	One year ago (1924)	Now (1925)
No division under 2 months.	1 under 2 months	6 under 2 months.
None under 3 months	3 under 3 months	25 under 3 months.
None under 4 months	5 under 4 months	39 under 4 months.
3 under 5 months	19 under 5 months	46 under 5 months.
46 OVER 5 MONTHS	34 OVER 5 MONTHS	7 OVER 5 MONTHS.
42 OVER 6 MONTHS	17 OVER 6 MONTHS	NONE OVER 6 MONTHS
39 OVER 7 MONTHS	5 OVER 7 MONTHS	
19 OVER 8 MONTHS		

RESIGNATIONS.

The foregoing gains can not be maintained if the resignations of the trained Examiners continue to come in at the present rate. Ninety-four resignations were received during the year; 54 during the last half of the year.[1] It takes several years for an Examiner to receive his full training, and when a trained man resigns and his place is filled by an inexperienced man it follows that the work drags and the quality of the work suffers. Invalid patents are likely to result, which may cause untold expense and embarrassment to honest manufacturers. While the primary function of the Patent Office is to grant valid patents, an equally

[1] In the first month of 1926, 14 resignations were received.

important duty is to prevent the grant of invalid patents to delay and hamper legitimate industry. These trained Examiners are resigning for the purpose of accepting positions with attorneys now in practice, with patent departments of corporations, or to go into practice for themselves. Naturally the profession and the corporations select those they consider the best of the younger men in the force. It is an unquestioned fact that the Patent Office could do more and better work with the present number of men if they were retained in the service. It would be actual economy to increase the salaries of the Examiners to the point where the constant turnover will be materially reduced. It is impossible for the Office to do as good work as it should with such a turnover as it has had during the last year.[1]

The present Principal Examiners are working under a great handicap in having to supervise the work of too large a number of assistants. There are now 53 examining divisions each having from 8 to 13 Assistant Examiners. Additional examining divisions should be provided, so that the average number of Assistant Examiners will not average more than 7 to a division. Furthermore, the Examiners should not be so crowded together as at present. Effective work can not be done in this manner. Since the war the Government of the Netherlands has erected a new patent office building, and each Examiner is provided with a separate room, so that his work is not constantly interrupted by conferences between attorneys and other Examiners in the same room. The Examiners should also be given an opportunity to visit industrial plants. During the last year the Office has had to train 180 inexperienced men, most of whom have had no practical experience in the industries to which they are assigned. The German Government is planning to send two of its Examiners to America to study certain American industries, and each junior Examiner in the German Patent Office is sent to some industrial plant in his own country each year at the expense of the Government in order that he may see the practical application of the inventions in the industry to which he is assigned. With a force of 600 in the examining corps of our Office the present appropriation of $800 per annum is woefully insufficient for this purpose. This appropriation should be largely increased, so that Assistant Examiners who are responsible for the granting of patents in the key industries may visit and actually witness the operations and activities in those industries to the end that they may properly discharge their important duties.

NEW BUILDING.

Provision must be made for the expansion of the Patent Office. The present building was planned when there were relatively few patents granted; but now that the Patent Office is granting upward of 40,000 patents and registering 15,000 trade-marks per year the building which was formerly more than adequate has become wholly inadequate. This is recognized by the Public Buildings Commission in assigning to this office 72 rooms in the Old Land Office Building across the street from the Patent Office and by its expressed purpose to eventually give the Patent Office all of that building. Even this will not properly take care of the needs of the office. It divides the personnel and the office activities and can be but a temporary expedient. As stated in my last annual report, the President's Commission on Economy and Efficiency *in 1912* reported that the patent building—

> is unsuited to the present needs of the Patent Office in almost every particular but especially for the peculiar needs of a modern Patent Office.

The commission therefore recommended that new office quarters be provided for the Patent Office "to be designed and equipped to meet the peculiar needs of the Office" and that the new quarters be fully appropriated for "so as to be completed within two years."

Since that report was made the business of the Patent Office has increased beyond all expectations. *In fact, since then the Patent Office has granted half as many patents as were issued up to that time.* But even as conditions were 14 years ago the commission, having in mind the character of work performed by the Examiners and the bulky and extensive records they must have in their rooms, always accessible for constant searching, recommended that in planning for a new building provision should be made for not less than 500,000 square feet of floor space and 10,000,000 cubic feet within the building. Such provision is more urgently needed now than ever before.

The urgency of the matter is shown by resolutions passed by the American Engineering Council at its recent annual meeting, after its committee had made a thorough inspection of the conditions of the Patent Office, that new quarters should be provided to meet the present and future needs of the Patent Office.

If provision is not made for new quarters for the Patent Office, the plans already made for remodeling the present building should be put into effect forthwith.

MODELS.

The Act of February 13, 1925, created a commission for the disposal of the 155,000 models filed in connection with patents prior to 1880. This commission consists of the Commissioner of Patents, the Secretary of the Smithsonian Institution, and a registered patent attorney, Wm. G. Henderson, Esq. Work was begun about the first of October, and at the present time it is about half completed. All of the models that are of historical value or of general interest are being retained by the National Museum, and such others as are not suitable for exhibition purposes or are of no value except for the materials of which they are made are being sent to the general supply committee of the Treasury for sale. The first sale was held December 8, 1925, at which time the first allotment was sold at auction for $1,575.

To date there have been many interesting models unpacked. In the sewing-machine art a very complete exhibit has been set aside for the National Museum, showing the development of the art from its earliest conception. In the textile art very complete exhibits show the development of the textile art in the United States almost from the spinning wheel to where the National Museum began with its exhibit. In the line of ordnance there are interesting models of the disappearing-gun carriage and the machine gun, one of the latter as early as 1829. In the line of horology there are numerous interesting models, one in particular of the so-called "mystery clock," which apparently functions without works of any kind. However, close study of this model reveals works concealed in one of the hands. The early models of the Schenkel fuse were found, and these are interesting because in general use in the Navy at one time. In the printing art there are a number of very fine models complete almost to the smallest detail. These will add materially to the exhibits now in the National Museum. In the line of surgery the models show the development of the artificial limb, and these have been turned over to the Army Medical Museum. These are only a few examples so far unpacked. There have been received about 3,000 requests for the return of models to the representatives or descendants of the patentees. The greater number of these have been found and, except where they are to be retained in the Museum as of historical interest, they will be returned to the claimants when the work of unpacking is finished. In addition a number of organizations have requested models for exhibits of various kinds, and with the cooperation of the National Museum it is believed that all of these requests can be granted.

I again urge the passage of the Cramton bill, H. R. 5811, as an absolute necessity to safeguard the interests of thousands of inventors whose business is transacted before this Office. Congress has provided by statute for the registration of attorneys before they are permitted to practice before this Office and also that advertising matter of attorneys who advertise must be submitted to the Commissioner before publication, to the end that the advertisement shall not contain deceptive or misleading statements. A growing number of parties, some of whom have been disbarred for financial irregularities and all of whom are unregistered, are advertising and holding themselves out as attorneys to prepare and prosecute applications for patents. The advertisements of these unregistered parties being beyond the control of the Patent Office are frequently deceptively worded. There is no control or restriction as to their activities and nothing to prevent their exploiting inventors who are not aware that such parties are unregistered attorneys. The above bill is designed to remedy this condition. A similar law is in effect in England. The passage of the bill is strongly urged.

The usual statistical tables are appended hereto.

Respectfully submitted.

THOMAS E. ROBERTSON,
Commissioner of Patents.

[1] In the first month of 1926, 14 resignations were received.

STATISTICS OF THE BUSINESS OF THE PATENT OFFICE.

NET RECEIPTS.

Detailed statement of receipts from all sources for the calendar year ended December 31, 1925.

	Cash receipts	Charges against account	Furnished on coupons	Totals	Totals
Applications:					
Inventions				$1,597,481.06	
Reissues				10,090.00	
Final fees				930,169.52	
Designs				47,962.80	
Design extensions				17,325.00	
Trade-marks				213,308.00	
Labels and prints				15,582.00	
Total					$2,831,918.07
Appeals, etc.:					
Appeals				24,745.00	
Disclaimers				310.00	
Oppositions				8,680.00	
Total					33,735.00
Copies and services:					
Copies of patents	$54,208.81	$58,424.05	$186,738.35	299,371.21	
Photoprints	2,527.50	7,673.55	1,139.25	11,340.30	
Photostats	2,682.55	22,250.20	12,032.20	36,964.95	
Manuscript	13,142.68	43,375.95	196.70	56,705.33	
Certified, etc.	2,435.20	5,463.75	190.25	8,089.20	
Recording articles of incorporation	624.00	394.00		1,018.00	
Drawings	8,173.11	12,524.70	134.95	20,832.76	
Miscellaneous services	5,624.23	9.50		5,633.73	
Assignments	41,581.71	39,104.85	1.20	80,687.76	
Undistributed	473.55			473.55	
Total	131,473.34	189,220.55	200,422.90	521,116.79	
Accounts: Deposits	240,848.25	−240,348.55		499.70	521,116.79
Coupons	145,759.47	51,128.00	−200,422.90	−3,535.43	
Total	386,607.72	−189,220.55	−200,422.90	−3,035.73	−3,035.73
Grand total					3,383,734.13
Receipts from sale of Official Gazette and other publications through Government Printing Office, estimated					28,000.00
Total net receipts from all sources					3,411,734.13
Refundments					25,862.35
Total gross receipts					3,437,596.48

EXPENDITURES.

Amounts expended under the several appropriations from January 1 to December 31, 1925.

Salaries		$2,345,307.11
Temporary additional employees, etc.		[1] 204,195.91
Scientific library		6,908.43
Stationery		15,543.07
Postage on foreign matter		1,330.02
Furniture and filing cases		27,124.53
Contingent expenses, including ice, telephone service, etc.		8,662.97
Fixed charges for the upkeep and maintenance of the building		13,412.50
Photolithographing:		
Current issue	$63,432.58	
Reproductions	99,538.72	
Photographic copies	8,338.22	
Photostat supplies	20,374.68	
Dry mounting tissue	4,079.04	
Total		195,763.24
Printing and binding:		
Official Gazette, with indexes	262,532.48	
Specifications	622,224.81	
Total for Gazette and specifications		884,757.29
Miscellaneous		54,840.67
Defending suits		534.35
Rent and storage of Patent Office models		2,100.00
Total		3,760,480.09

[1] Includes $10,150.78 for steel cases.

RECEIPTS AND EXPENDITURES.

Net receipts from all sources	$3,411,734.13
Expenditures	3,760,480.09
Net deficit	348,745.96
Amount of total net surplus in Treasury January 1, 1925	7,932,738.82
Deficit for the year 1925	348,745.96
Total net surplus December 31, 1925	7,583,992.86

Summary of the business of the Patent Office.

Applications for patents for inventions	80,106
Applications for patents for designs	4,082
Applications for reissues of patents	337
Total	84,525
Applications without fees: For inventions (act of Mar. 3, 1883)	102
Applications for registration of trade-marks	18,062
Applications for renewal of trade-mark registrations	3,420
Applications for registration of labels	1,875
Applications for registration of prints	833
Total	24,190
Disclaimers	30
Appeals on the merits	2,303
Notices of opposition	918
Total	3,251
Applications filed:	
For patents, with fees	84,525
For registrations, with fees	24,190
For patents, without fees	102
Grand total	108,817

ISSUES.

Patents issued, excluding designs	46,450
Design patents issued	2,824
Patents reissued	266
Total	49,540
Trade-marks registered	13,840
Trade-mark registrations renewed	2,278
Labels registered	1,725
Prints registered	839
Total	18,682
Total of issues	68,222
Patents expired during the year	82,757
Applications forfeited for nonpayment of final fees	10,472
Applications allowed awaiting payment of final fees	16,410
Trade-mark applications passed for publication	13,439
Applications allowed:	
Patents	56,825
Designs	2,862
Reissues	328

PATENTS ISSUED.

Patents issued to citizens of the United States, with the ratio of population to each patent granted.

States	Patents and designs	One to every—	States	Patents and designs	One to every—
Alabama	178	13,192	North Carolina	177	14,458
Arizona	65	5,137	North Dakota	105	6,140
Arkansas	110	15,929	Ohio	3,610	1,905
California	3,067	1,117	Oklahoma	432	4,605
Colorado	405	2,320	Oregon	308	2,543
Connecticut	1,283	1,076	Pennsylvania	3,946	2,204
Delaware	51	4,373	Rhode Island	345	1,782
Florida	207	4,679	South Carolina	103	16,847
Georgia	239	12,116	South Dakota	130	4,995
Idaho	86	5,022	Tennessee	246	9,504
Illinois	4,629	1,401	Texas	834	5,591
Indiana	985	2,975	Utah	150	2,996
Iowa	610	3,941	Vermont	64	5,507
Kansas	445	3,976	Virginia	287	8,046
Kentucky	255	9,477	Washington	641	2,116
Louisiana	213	8,444	West Virginia	278	5,265
Maine	131	5,863	Wisconsin	1,271	2,072
Maryland	447	3,243	Wyoming	80	2,430
Massachusetts	2,332	1,652			
Michigan	1,910	1,921	Alaska	11	4,991
Minnesota	800	2,984	Canal Zone	3	7,619
Mississippi	91	19,677	District of Columbia	395	1,108
Missouri	1,110	3,067	Hawaii	85	7,312
Montana	177	3,101	Philippine Islands	7	1,478,663
Nebraska	325	3,989	Porto Rico	11	118,164
Nevada	19	4,074	Samoa	1	8,056
New Hampshire	152	2,915	United States Army	11	.....
New Jersey	2,580	1,223	United States Navy	3	.....
New Mexico	48	7,507			
New York	7,460	1,392	Total	[1] 43,904	.....

[1] Not including 266 reissue and 23 patents withdrawn.

Patents granted to residents of foreign countries.

Argentina	34	England	1,225	Mexico	39	South Australia	9
Australia	18	Federated Malay States	1	Netherlands	76	Spain	18
Austria	66	Finland	5	Newfoundland	1	Sweden	156
Belgium	71	France	540	New South Wales	66	Switzerland	221
Bolivia	1	Germany	1,296	New Zealand	56	Sydney	1
Brazil	4	Guatemala	1	Nicaragua	1	Tasmania	9
British India	1	Honduras	5	Norway	53	Transvaal	15
Canada	798	Hungary	23	Palestine	1	Turkey	1
Ceylon	1	India	2	Paraguay	1	Venezuela	1
Chile	3	Indo-China	1	Peru	3	Victoria	66
China	5	Ireland	22	Poland	3	Wales	13
Costa Rica	2	Irish Free State	1	Queensland	9	West Australia	3
Cuba	37	Isle of Pines	1	Rhodesia	2	Yugoslavia	2
Czechoslovakia	47	Isle of Wight	2	Rumania	1		
Danzig	2	Italy	97	Russia	3	Total	5,347
Denmark	60	Japan	46	Salvador	2		
Dutch East Indies	3	Java	3	Scotland	81		
Egypt	2	Madeira	1	South Africa	7		

The following tables present a comparative statement of the business of the Patent Office since the enactment of the statute of 1836 and exhibit in detail the business of the Office during the last calendar year:

Comparative statement of the business of the Office from 1837 to 1925, inclusive.

Year	Applications[1]	Caveats filed[2]	Patents and reissues	Cash received	Cash expended	Surplus
1837			435	$29,289.08	$33,506.98	
1838			520	42,123.54	37,338.92	$4,784.62
1839			425	38,019.97	34,543.51	3,476.46
1840			473	38,056.51	39,020.67	
1841	765	228	495	40,413.01	52,666.87	
1842	847	312	517	36,505.63	31,241.43	5,264.20
1843	761	291	519	35,315.81	30,776.96	4,538.85
1844	819	315	497	42,509.26	36,344.53	6,164.73
1845	1,045	380	503	51,076.14	39,395.65	11,680.49
1846	1,246	452	638	50,261.16	46,158.71	4,105.45
1847	1,272	448	569	63,111.19	41,878.35	21,232.84
1848	1,531	533	653	67,576.60	58,905.81	8,760.85
1849	1,628	607	1,077	80,752.78	77,716.44	3,036.34
1850	1,955	595	962	86,827.05	80,100.95	6,826.10
1851	2,193	602	872	95,738.61	86,916.93	8,821.68
1852	2,258	760	1,010	112,056.34	95,916.91	16,139.43
1853	2,639	906	961	121,527.45	132,869.83	
1854	2,673	901	1,344	163,789.84	167,146.32	
1855	3,324	868	2,015	216,459.35	179,540.33	36,919.02
1856	4,435	906	2,503	192,588.02	196,931.02	
1857	4,960	1,024	2,896	196,132.01	211,582.09	
1858	4,771	1,010	3,710	203,716.16	193,193.74	10,522.42
1859	5,364	943	4,538	245,942.15	210,278.41	35,663.74
1860	6,225	1,079	4,819	256,252.59	262,820.80	4,581.79
1861	7,653	1,084	3,340	137,354.44	221,491.91	
1862	4,643	700	3,521	215,754.99	182,810.39	32,944.06
1863	5,038	824	4,170	195,593.29	189,414.14	6,179.15
1864	6,014	787	5,020	240,919.98	229,868.00	11,051.98
1865	6,972	1,063	6,016	348,791.84	274,199.34	74,592.50
1866	10,664	1,932	9,450	495,665.38	361,724.28	133,941.10
1867	15,269	2,723	13,015	646,581.92	639,263.32	7,318.60
1868	21,276	3,597	13,378	681,565.86	628,679.77	52,886.09
1869	20,445	3,705	13,986	693,145.81	486,430.74	206,715.07
1870	19,271	3,624	13,321	669,456.76	557,147.19	112,309.57
1871	19,171	3,273	13,033	678,716.46	562,091.61	116,624.85
1872	19,472	3,366	13,590	699,726.39	665,595.00	34,131.39
1873	20,414	3,090	12,864	703,191.77	691,178.98	12,012.79
1874	18,246	3,248	13,591	738,278.17	679,288.41	58,989.76
1875	21,602	3,181	14,837	743,453.36	721,657.71	21,795.65
1876	21,425	2,697	15,595	757,987.65	652,542.60	105,445.05
1877	20,308	2,809	14,187	732,342.85	613,152.62	119,190.23
1878	20,260	2,755	13,444	725,375.55	593,082.89	132,292.66
1879	20,059	2,620	13,213	703,931.47	529,638.97	174,292.50
1880	23,012	2,490	13,947	749,685.32	538,865.17	210,820.15
1881	26,059	2,406	16,584	853,665.80	605,173.28	248,492.61
1882	31,522	2,553	19,267	1,009,219.45	683,867.67	325,351.78
1883	34,576	2,741	22,383	1,146,240.00	675,234.86	471,005.14
1884	35,600	2,582	20,413	1,075,798.80	970,579.76	105,219.04
1885	35,717	2,552	24,233	1,188,069.15	1,024,378.85	163,710.30
1886	35,968	2,513	22,506	1,154,551.40	992,503.45	162,047.95
1887	35,613	2,622	21,477	1,144,509.60	994,472.22	150,037.38
1888	35,797	2,251	20,506	1,118,516.10	973,108.78	145,407.32
1889	40,575	2,481	24,158	1,281,728.05	1,052,955.96	228,772.09
1890	41,048	2,311	26,292	1,340,372.66	1,099,297.74	241,074.92
1891	40,552	2,498	23,244	1,271,283.78	1,139,713.35	131,572.43
1892	40,753	2,290	23,559	1,286,331.88	1,110,739.24	175,592.59
1893	38,473	2,247	23,769	1,242,871.64	1,141,038.45	101,833.19
1894	38,439	2,286	20,867	1,187,439.58	1,100,017.12	87,392.46
1895	40,680	2,415	22,057	1,245,246.93	1,106,380.49	138,857.44
1896	43,982	2,271	23,373	1,324,059.83	1,113,413.71	210,646.12
1897	47,905	2,176	23,794	1,375,641.72	1,122,843.13	252,798.59
1898	35,842	1,659	22,267	1,137,734.48	1,136,196.20	1,538.28
1899	41,443	1,716	25,527	1,325,457.03	1,211,783.73	113,673.30
1900	41,980	1,731	26,499	1,350,828.53	1,260,019.62	90,808.91
1901	46,449	1,842	27,373	1,449,398.16	1,297,385.64	152,012.52
1902	49,641	1,851	27,886	1,552,859.08	1,393,345.54	159,513.54
1903	50,213	1,771	31,699	1,642,201.81	1,448,645.81	193,156.00
1904	52,143	1,803	30,934	1,657,326.53	1,476,000.38	181,326.15
1905	54,971	1,896	30,399	1,806,758.14	1,479,633.22	327,124.92
1906	56,482	1,885	31,965	1,790,921.38	1,554,891.10	236,030.18
1907	58,762	1,967	36,620	1,910,618.14	1,631,458.36	279,159.78
1908	61,475	2,110	33,682	1,896,847.67	1,712,303.42	184,544.25
1909	65,839	1,948	37,421	2,042,828.14	1,955,151.14	87,677.00
1910	64,629	970	35,930	2,025,536.69	2,005,711.94	9,824.75
1911	69,121	.....	34,084	2,019,388.03	1,953,689.91	65,698.12
1912	70,976	.....	37,731	2,118,158.30	2,022,066.11	96,092.19
1913	70,367	.....	35,788	2,084,417.79	1,947,383.28	137,034.51
1914	70,404	.....	41,850	2,251,892.82	2,000,770.12	251,122.70
1915	70,069	.....	44,934	2,290,773.47	2,053,442.15	239,331.32
1916	71,033	.....	45,927	2,345,540.94	2,115,367.91	228,173.03
1917	70,373	.....	42,760	2,258,377.10	2,048,173.16	210,203.94
1918	59,615	.....	39,941	1,977,518.82	2,050,938.17	−73,419.35
1919	80,400	.....	38,598	2,417,071.77	2,310,420.02	106,651.76
1920	86,815	.....	39,882	2,679,948.31	2,572,097.56	107,850.76
1921	93,328	.....	41,401	2,775,982.33	2,612,429.48	163,552.85
1922	88,930	.....	40,297	3,013,954.43	2,954,697.07	59,257.36
1923	79,058	.....	40,787	2,969,907.40	3,216,343.26	−246,435.86
1924	80,756	.....	45,800	3,152,792.97	3,561,395.10	−408,602.13
1925	84,525	.....	49,540	3,411,734.13	3,760,480.09	−348,745.96

[1] Including patents, designs, and reissues.

[2] Caveat law repealed June 25, 1910.

Statement showing the number of the first patent, design patent, and reissued patent, and the number of the first certificate of registration of a trade-mark, label, and print issued in each calendar year since July 28, 1836, when the present series of numbers of Letters Patent commenced.

[The number of patents granted prior to the commencement of this series of numbering (July 28, 1836) was 9,957.]

Calendar year	Number of first patent and certificate issued in each calendar year						
	Patents	Designs	Reissues	Trade-marks	Labels	Prints	First print registered Mar. 7, 1993.
1836 (July 28)	1	.....	.....	.....	.....	.....	
1837	110	.....	.....	.....	.....	.....	
1838	546	.....	1	.....	.....	.....	
1839	1,061	.....	7	.....	.....	.....	
1840	1,465	.....	20	.....	.....	.....	
1841	1,923	.....	30	.....	.....	.....	
1842	2,413	.....	36	.....	.....	.....	
1843	2,901	1	49	.....	.....	.....	
1844	3,395	15	60	.....	.....	.....	
1845	3,873	27	67	.....	.....	.....	
1846	4,348	44	78	.....	.....	.....	
1847	4,914	103	91	.....	.....	.....	
1848	5,409	163	105	.....	.....	.....	
1849	5,993	209	128	.....	.....	.....	
1850	6,981	258	158	.....	.....	.....	
1851	7,865	341	184	.....	.....	.....	
1852	8,622	431	200	.....	.....	.....	
1853	9,512	540	229	.....	.....	.....	
1854	10,358	626	258	.....	.....	.....	
1855	12,117	683	280	.....	.....	.....	
1856	14,009	753	337	.....	.....	.....	
1857	16,324	860	420	.....	.....	.....	
1858	19,010	973	517	.....	.....	.....	
1859	22,477	1,075	643	.....	.....	.....	
1860	26,642	1,183	674	.....	.....	.....	
1861	31,005	1,366	1,106	.....	.....	.....	
1862	34,015	1,508	1,253	.....	.....	.....	
1863	37,266	1,703	1,369	.....	.....	.....	
1864	41,047	1,879	1,596	.....	.....	.....	
1865	45,685	2,018	1,844	.....	.....	.....	
1866	51,784	2,239	2,140	.....	.....	.....	
1867	60,656	2,533	2,430	.....	.....	.....	
1868	72,959	2,858	2,830	.....	.....	.....	
1869	85,503	3,304	3,250	.....	.....	.....	
1870	98,460	3,810	3,784	1	.....	.....	
1871	110,617	4,517	4,223	122	.....	.....	
1872	122,304	5,452	4,687	608	.....	.....	
1873	134,504	6,336	5,216	1,099	.....	.....	
1874	146,120	7,083	5,717	1,591	1	.....	
1875	158,350	7,909	6,200	2,150	233	.....	
1876	171,641	8,884	6,841	3,283	465	.....	
1877	185,813	9,686	7,452	4,427	937	.....	
1878	198,733	10,385	8,020	5,463	1,329	.....	
1879	211,078	10,975	8,529	6,918	1,821	.....	
1880	223,211	11,567	9,017	7,790	2,176	.....	
1881	236,137	12,082	9,523	8,139	2,379	.....	
1882	251,685	12,647	9,994	8,973	2,581	.....	
1883	269,820	13,508	10,265	9,930	2,885	.....	
1884	291,016	14,528	10,432	10,822	3,701	.....	
1885	310,163	15,678	10,548	11,843	4,304	.....	
1886	333,494	16,451	10,677	12,910	4,695	.....	
1887	355,291	17,046	10,793	13,939	5,073	.....	
1888	375,720	17,995	10,892	15,072	5,453	.....	
1889	395,305	18,830	10,978	16,131	5,780	.....	
1890	418,665	19,553	11,053	17,360	6,099	.....	
1891	443,987	20,439	11,137	18,775	6,403	.....	
1892	466,315	21,275	11,217	20,537	6,540	.....	
1893	488,976	22,092	11,298	22,274	None.	1	
1894	511,744	22,994	11,397	23,951	None.	3	
1895	531,619	23,922	11,461	25,757	None.	7	
1896	552,502	25,037	11,520	27,586	6,546	10	
1897	574,369	26,482	11,581	29,399	6,547	42	
1898	596,467	28,113	11,646	31,070	6,561	58	
1899	616,871	29,916	11,706	32,308	6,761	93	
1900	640,167	32,055	11,798	33,957	7,272	193	
1901	664,827	33,813	11,879	35,678	8,009	286	
1902	690,335	35,547	11,960	37,606	8,887	445	
1903	717,521	36,187	12,070	39,612	9,654	603	
1904	748,567	36,723	12,189	41,798	10,644	873	
1905	778,834	37,230	12,299	43,956	11,758	1,170	
1906	808,618	37,766	12,426	45,466	12,588	1,820	
1907	839,799	38,391	12,587	59,014	13,297	1,874	
1908	875,679	38,980	12,738	66,892	13,961	2,189	
1909	908,436	39,737	12,906	72,088	14,582	2,400	
1910	945,010	40,424	13,066	76,267	15,074	2,567	
1911	980,178	41,063	13,189	80,506	15,444	2,677	
1912	1,013,095	42,073	13,346	84,711	16,103	2,925	
1913	1,049,326	43,415	13,504	89,731	16,736	3,166	
1914	1,093,267	45,098	13,668	94,796	17,444	3,458	
1915	1,123,212	46,813	13,858	101,613	18,163	3,796	
1916	1,166,419	48,358	14,040	107,875	18,966	4,167	
1917	1,210,389	50,117	14,238	114,666	19,836	4,597	
1918	1,251,438	51,639	14,417	120,005	20,443	4,844	
1919	1,290,027	52,836	14,582	124,066	21,097	5,041	
1920	1,326,899	54,359	14,785	128,274	21,617	5,187	
1921	1,364,063	56,844	15,018	138,556	22,377	5,439	
1922	1,401,948	60,121	15,257	150,210	23,862	5,905	
1923	1,440,362	61,748	15,513	163,003	25,474	6,492	
1924	1,478,996	63,675	15,739	177,848	26,735	7,111	
1925	1,521,800	66,846	15,974	193,597	28,013	7,646	
1926	1,568,040	69,170	16,240	207,437	29,738	8,485	

Statement showing the total number of patents, design patents, and reissued patents, and the total number of certificates of registration of trade-marks, labels, and prints issued in each calendar year since July 28, 1836, when the present series of numbers of Letters Patent commenced.

[The number of patents granted prior to the commencement of this series of numbering (July 28, 1836) was 9,957.]

Calendar year	Number of patents and certificates of registration issued during each calendar year							
	Patents	Designs	Reissues	Total patents	Trade-marks	Labels	Prints	Total certificates
1836 (July 28)	109							
1837	436							
1838	515		6					
1839	404		13					
1840	458		10					
1841	490		6					
1842	488		13					
1843	494	14	11	519				
1844	478	12	7	497				
1845	475	17	11	503				
1846	566	59	13	638				
1847	495	60	14	569				
1848	584	46	23	653				
1849	988	49	30	1,067				
1850	884	83	26	993				
1851	757	90	25	872				
1852	890	109	20	1,019				
1853	816	86	29	961				
1854	1,759	57	28	1,844				
1855	1,892	70	51	2,013				
1856	2,315	107	83	2,505				
1857	2,686	113	97	2,896				
1858	3,467	102	126	3,695				
1859	4,165	108	231	4,504				
1860	4,363	183	232	4,778				
1861	3,040	142	147	3,329				
1862	3,221	195	116	3,522				
1863	3,781	176	227	4,184				
1864	4,638	139	248	5,025				
1865	6,099	221	296	6,616				
1866	8,874	294	290	9,458				
1867	12,301	325	400	13,026				
1868	12,544	446	420	13,410				
1869	12,957	506	534	13,997				
1870	12,157	737	439	13,333	121			121
1871	11,687	905	464	13,056	486			486
1872	12,200	884	529	13,613	491			491
1873	11,616	747	501	12,864	492			492
1874	12,230	886	483	13,599	559	232		791
1875	13,291	915	631	14,837	1,138	232		1,370
1876	14,172	802	621	15,595	959	472		1,431
1877	12,920	699	568	14,187	1,216	392		1,608
1878	12,345	590	509	13,444	1,455	492		1,947
1879	12,133	592	488	13,213	872	355		1,227
1880	12,926	515	506	13,947	349	203		552
1881	15,548	565	471	16,584	834	202		1,036
1882	18,135	861	271	19,267	947	304		1,251
1883	21,196	1,020	167	22,383	902	906		1,808
1884	19,147	1,150	116	20,413	1,021	513		1,534
1885	23,331	773	129	24,233	1,067	391		1,458
1886	21,797	595	116	22,508	1,029	378		1,407
1887	20,429	949	99	21,477	1,133	380		1,513
1888	19,585	835	86	20,506	1,059	327		1,386
1889	23,360	723	75	24,158	1,229	319		1,548
1890	25,322	886	84	26,292	1,415	304		1,719
1891	22,328	836	80	23,244	1,762	137		1,899
1892	22,661	817	81	23,559	1,737	[1] 6		1,743
1893	22,768	902	99	23,769	1,677	None.	2	1,679
1894	19,875	928	64	20,857	1,806	None.	4	1,810
1895	20,883	1,115	59	22,057	1,829	None.	3	1,832
1896	21,867	1,445	61	23,373	1,813	1	32	1,846
1897	22,098	1,631	65	23,794	1,671	14	16	1,701
1898	20,404	1,803	60	22,267	1,238	200	35	1,473
1899	23,296	2,139	92	25,527	1,649	511	100	2,260
1900	24,660	1,758	81	26,499	1,721	737	93	2,551
1901	25,558	1,734	81	27,373	1,928	878	159	2,965
1902	27,136	640	110	27,886	2,006	767	158	2,931
1903	31,046	536	117	31,699	2,186	990	270	3,446
1904	30,267	557	110	30,934	2,158	1,114	297	3,569
1905	29,784	486	129	30,399	4,490	830	359	5,679
1906	31,181	625	159	31,965	10,568	709	656	11,933
1907	35,880	589	151	36,620	7,878	667	315	8,860
1908	32,757	757	168	33,682	5,191	618	220	6,029
1909	36,574	687	160	37,421	4,184	492	148	4,824
1910	35,168	639	123	35,930	4,239	370	120	4,729
1911	32,917	1,010	157	34,084	4,205	659	248	5,112
1912	36,231	1,342	158	37,731	5,020	633	243	5,896
1913	33,941	1,683	164	35,788	5,065	708	290	6,063
1914	39,945	1,715	190	41,850	6,817	719	338	7,874
1915	43,207	1,545	182	44,934	8,262	803	371	7,436
1916	43,970	1,759	198	45,927	6,791	864	432	8,087
1917	41,069	1,512	179	42,760	5,339	613	245	6,197
1918	38,509	1,207	165	39,941	4,061	654	197	4,912
1919	36,872	1,523	203	38,598	4,208	520	146	4,874
1920	37,164	2,485	233	39,882	10,282	760	252	11,294
1921	37,885	3,277	239	41,401	11,654	1,485	466	13,605
1922	38,414	1,627	256	40,297	12,793	1,612	587	14,992
1923	38,634	1,927	226	40,787	14,845	1,261	619	16,725
1924	42,554	2,671	225	45,800	15,749	1,278	535	17,563
1925	46,450	2,824	266	49,540	[2] 16,118	1,725	839	[3] 18,682

[1] Registration of labels practically suspended May 27, 1891, under decision of the United States Supreme Court in Higgins et al. v. Keuffel et al. (55 O. G. 1139) with the registration No. 6545, June 14, 1892. Resumed June 9, 1895, with the registration of No. 6546.

[2] Includes 2,278 renewals.

Expenditures for photolithographic and photographic work since 1921.

[The contract for reproduction of exhausted copies for the fiscal year 1923 was split between two contractors.]

Fiscal year ending June 30—	Contractor	Price per page			Total.
		Current issue	Reproduction of exhausted copies, etc.	Photographic copies	
1921 (first half)	Columbia Planograph Co.	[1] 1.18 [2] .96			
	Sackett & Wilhelms Corporation		[3] .77 [4] .99 [5] .54		
	Federal Photolithograph Co.				
	Commercial Photo Co			[6] .085 [7] .095	[8] 235,000
1921 (second half)	Norris Peters (Inc.)	[1] 1.02			
	Columbia Planograph Co.	[2] .95			
	Sackett & Wilhelms Corporation		[3] .77 [4] .97 [5] .54		
	Federal Lithograph Co.				
	Commercial Photo Co			[6] .074 [7] .09	
1922 (first half)	Washington Planograph Co.	[1] .85			
	Norris Peters (Inc.)	[2] .78			
	Sackett & Wilhelms Corporation		[3] .715 [4] .89		
	Commercial Photo Co			[6] .079 [7] .09	
	Norris Peters (Inc.)		[5] .45		[8] 230,000
1922 (second half)	Washington Planograph Co.	[1] .795 [2] .70			
	Norris Peters (Inc)		[3] .633 [4] .81		
	Fuller & Bryant (Inc.)			[6] .064 [7] .085	
	Fuller & Bryant (Inc.)			[9] .075	
1923 (first half)	Columbia Planograph Co.	[1] .7825 [2] .72			
	Sackett & Wilhelms Corporation		[3] .6025 [4] .775		
	Norris Peters (Inc.)		[5] .6075 [4] .775		
	Commercial Photo Co			[6] .06 [7] .08	[8] 280,000
1923 (second half)	Columbia Planograph Co.	[1] .775 [2] .72			
	Sackett & Wilhelms Corporation		[3] .58 [4] .17		
	Norris Peters (Inc.)		[5] .6025		
	Commercial Photo Co			[6] .069 [7] .084	
1924	Columbia Planograph Co.	[1] .7675 [2] .71			
	Sackett & Wilhelms Corporation		[3] .575 [4] .18		[8] 280,000
	Commercial Photo Co			[6] .0625 [7] .08	
1925	Columbia Planograph Co.	[1] .765 [2] .71			
	Sackett & Wilhelms Corporation		[3] .53 [4] .175		
	Commercial Photo Co			[10] .075 [9] .0725 .0675	[8] 190,000
1926	Columbia Planograph Co.	[1] .78 [2] .71			
	Sackett & Wilhelms Corporation		[3] .57 [4] .22		
	Commercial Photo Co			[6] .074 [7] .09 [10] .077	[8] 210,000

[1] For 100 thin, 2 thick, and 1 bond copies of patents.
[2] For 50 thin, 2 thick, and 1 bond copies of designs.
[3] For 50 copies each, mechanical and design patents and trade-marks.
[4] For 100 copies each, mechanical and design patents and trade-marks.
[5] For 2 copies of drawings of foreign patents.
[6] Size, 8 by 12½ inches.
[7] Size, 10 by 15 inches.
[8] Including deficiency appropriation.
[9] Appropriation for fiscal year.
[10] Size, 7 by 10 inches.

Number of patents issued by the United States to December 31, 1925, and by foreign countries to December 31, 1925.

Countries	To 1870 inclusive	1871 to 1923	Total	Countries	To 1870 inclusive	1871 to 1923	Total
Argentina	83	21,887	21,970	Luxemburg	.....	13,112	13,112
Australia	1,297	76,455	77,752	Malta [1]	.....	171	171
Austria	.....	123,800	123,800	Mauritius [1]	113	311	424
Austria-Hungary	15,785	58,811	74,596	Mexico	22	23,389	23,411
Bahamas [1]	.....	16	16	Morocco (except Spanish Zone)	.....	376	376
Barbados [1]	.....	186	186	Netherlands	4,535	10,901	15,436
Belgium	36,333	288,098	324,431	Newfoundland	40	842	882
Bolivia [1]	42	65	107	New Zealand	109	24,320	24,429
Brazil	185	14,476	14,661	Norway	737	39,523	40,260
British Guiana [1]	32	94	126	Paraguay [1]	.....	102	102
British Honduras [1]	1	25	26	Peru [1]	.....	609	609
Bulgaria	.....	399	399	Portugal	306	12,113	12,419
Canada	4,081	229,319	233,400	Roumania	.....	2,624	2,624
Ceylon [1]	58	829	887	Russia [1]	1,464	30,844	32,308
Chile	266	4,779	5,045	St. Helena [1]	.....	4	4
Colombia [1]	.....	1,406	1,406	Serbs, Croats, and Slovenes	.....	2,083	2,083
Congo Free State [1]	.....	294	294	Spain	.....	76,951	76,951
Costa Rica [1]	.....	100	100	Straits Settlements [1]	.....	458	458
Cuba	.....	4,992	4,992	Sweden	1,629	57,749	59,378
Czechoslovakia	.....	12,199	12,199	Switzerland	.....	104,656	104,656
Denmark	464	39,683	40,147	Trinidad [1]	6	317	323
Ecuador [1]	.....	10	10	Tunis	.....	1,367	1,367
Fiji Islands [1]	.....	47	47	Turkey [1]	.....	2,560	2,560
Finland	126	9,768	9,894	Union of South Africa	.....	9,492	9,492
France	137,254	545,728	682,982	Uruguay [1]	.....	1,331	1,331
Germany	9,996	397,129	407,125	Venezuela	.....	566	566
Great Britain	53,527	575,058	628,585	Total foreign	273,653	3,144,552	3,418,205
Guatemala [1]	.....	57	57	United States	120,573	1,368,379	1,488,952
Hawaii [1]	.....	176	176	Total to 1870	394,226	.....	.....
Hongkong [1]	.....	394	394	Total 1871–1923	.....	4,512,931	4,907,157
Hungary	.....	86,097	86,097	United States, 1924	.....	.....	42,594
India	445	18,813	19,258	United States, 1925	.....	.....	46,450
Italy	4,665	171,755	176,420	Grand total, including United States	.....	.....	4,996,201
Jamaica	52	267	319				
Japan	.....	44,520	44,520				
Leeward Islands [1]	.....	47	47				
Liberia [1]	.....	2	2				

[1] No change made in figures of last year's report, no information being available.

OTHER DETAILS OF BUSINESS.

During the year the Office received a total of 108,817 applications of all kinds, comprising 84,525 applications for patent, reissues of patents, and designs; 18,062 for trade-mark registrations; 3,420 for renewal of trade-mark registrations; 2,708 for registration of labels and prints; and 102 applications without fees under the act of March 3, 1883. There were also received 215,052 amendments in patent applications; 7,865 in designs; 21,838 in trade-marks; and 1,433 in labels and prints. This represents an increase of 7,683 applications and 13,904 amendments.

The fees received by mail and express amounted to $2,222,816.99, and the fees paid by hand amounted to $1,186,779.49. The number of letters indexed and filed, constituting the general correspondence of the Office, was 344,534, an increase of 11,809 over last year. In addition 42,895 letters of inquiry were returned with indorsements or circulars of information answering the questions propounded, an increase of 10,031 over last year. The number of parcels received by registered mail was 22,092, and the number of parcels by express was 1,238.

During the year 10,472 applications were forfeited by reason of failure to pay the final fee within the time prescribed by section 4885, Revised Statutes. Since March 3, 1861, about 248,846 forfeited cases have become abandoned.

In the drafting division 913 drawings were made for inventors, who paid $5,383.50 therefor, and 10,709 drawings previously filed were corrected upon request by the inventors, for which the Office received $14,222.84. The total fees received for work by the drafting division amounted to $19,606.34. In addition to this 6,403 corrections in drawings were made without cost to the inventors, 143,092 sheets of drawings were inspected, and 26,509 letters were answered.

In the assignment division 39,750 deeds, transferring the titles to patents, etc., and containing 17,538,850 words, averaging 441 words per deed, were recorded. For this work the Office received $74,408.71. In addition to this the assignment division prepared 3,246 abstracts of title and 4,139 briefs, for which fees amounting to $6,279.05 were paid. The total earnings of the assignment division were $80,687.76.

Typewritten copies of 17,401,000 words were furnished at 10¢ per hundred words. The Office certified to 9,969 manuscript copies, and furnished 9,334 miscellaneous certified copies. The Office also furnished 159,884 photostatic copies of manuscript pages; 68,653 photographic copies; 8,965 photostatic copies of grants forming part of certified printed copies of patents, etc.; 2,278 photostatic copies of renewals; and 251,028 photostatic copies of publications and foreign patents, for sale; 9,126 photostat-manuscript pages, 169 certified manuscript copies, and 3,812 photostatic copies were furnished for other departments without charge; 39,060 photostatic and 25,074 photographic copies were furnished for use of the Patent Office; in all, 474,173 photostatic and 93,727 photographic copies. (After allowing for salaries and overhead and deducting $22,100.52 for supplies over $36,000 actual cash profit was made from the sale of the photostat copies.)

Printed copies of specifications and drawings of patents to the number of 2,970,005 were sold at 10¢ each, bringing to the Office on this account $297,000.50. For 748,388 copies sold to libraries the Office received $800. The total received from the sale of copies of patents was $297,800.50, an increase of $28,374.40 over the receipts of last year. Copies to the number of 1,309,049 were shipped to foreign governments in exchange for copies of foreign patents, which would otherwise have cost the Office about $76,000; 492,151 copies were drawn for Office use. The total number of printed copies of patents distributed during the year was 5,556,728, including 37,135 furnished to other departments. In addition to fees for printed copies service fees amounting to $5,636.20 were received.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decision.

EX PARTE HUMPHREY.

Decided February 18, 1926.

INVENTION—ADVANTAGEOUS PROPERTIES—CLAIMS—UNDUE BREADTH OF.

Where the prior art disclosed an uncolored radiating element for gas stoves formed of earthy material, a claim for substantially the same element, its front portion having colored portions of the same material incorporated as a homogeneous part thereof, was allowed because of inherent advantages, but a claim broad enough to cover the element with its front portion stained or painted was refused.

Note.—This application has resulted in Patent No. 1,535,472, April 28, 1925.

Application for patent.

APPEAL from the Examiners in Chief.

RADIATING ELEMENTS FOR GAS HEATERS AND METHOD OF MANUFACTURING THE SAME.

Application filed June 12, 1920, Serial No. 388,612.

Messrs. Chappell & Earl for the applicant.

KINNAN, *First Assistant Commissioner:*

The applicant appeals from the decision of the Examiners in Chief affirming that of the Primary Examiner, denying patentability to some six claims.

The references relied upon are: (British) Wilson, 16,571, June 19, 1913; (British) Parkinson Stove Co., 11,761, 1915; (British) Parkinson Stove Co., 106,361, 1917.

The applicant states in his brief that he "withdraws from consideration claims 1–4, inclusive." The two claims, therefore, here for review are claims 5 and 6.

Claims 5 and 6 are as follows:

5. As an article of manufacture a foraminated tubular radiating element for gas stoves consisting of front and back portions formed of earthy material, the back portion being of uncolored material and the front portion having colored portions of the same material incorporated as a homogeneous part thereof.

6. As an article of manufacture, a foraminated, tubular radiating element for gas stoves formed of earthy material, having portions of the front thereof colored, said element being otherwise uncolored.

The prior art discloses a radiating element meeting substantially the terms of both claims save that such element does not have a front portion having colored parts. The Examiner regarded these limitations as to color as without effect upon the operation of the radiating element and in consequence as not involving any inventive concept.

Appellant has pressed the view that by reason of the colored front portion a more artistic appearance is produced when the element is lighted as well as when it is unlighted and that the glaring effect of the pure white radiating element is overcome and the tendency toward discoloration from the products of combustion and from dust settling on the radiating element is also partly overcome. The prior art does not disclose this feature and since it possesses utility to the extent above indicated it is believed claim 5 may be allowed.

Claim 6 does not include the limitation that the colored portions of the front are produced by incorporating material as a homogeneous part of the element. This claim in consequence is for no more than a stained radiating element or one painted by a fire-resisting paint, if such a paint exists. It is not believed there would be any invention in merely painting or staining some design or color upon the radiating element. It is believed this claim is too broad, but if amended by inserting after "colored" in line 4 some such words as *by material incorporated in and forming a part thereof* the claim may be allowed.

The decision of the Examiner in Chief is reversed as to claim 5 and affirmed as to claim 6.

Court of Appeals of the District of Columbia.

HO-RO-CO MANUFACTURING COMPANY *v.* MALONE, DOING BUSINESS UNDER THE STYLE OF PORO COLLEGE.

No. 1,774. Decided December 7, 1925.

1. COURT OF APPEALS OF THE DISTRICT OF COLUMBIA—SECTION 5, RULE 8—ERRORS NOT ASSIGNED.

Section 5, rule 8, of the rules of the Court of Appeals of the District of Columbia, which reads: "Errors not assigned, according to the rule of the court, will be disregarded, though the court, at its option, may notice and pass upon a plain error not assigned," presupposes consideration and exception below.

2. TRADE-MARKS — DESCRIPTIVE PROPERTIES — TOILET PREPARATIONS—PREPARATIONS FOR TREATMENT OF HAIR.

Certain toilet preparations, preparations for the treatment of the hair, and hairdressings are goods of the same descriptive properties.

APPEAL from Patent Office. Affirmed.

Mr. Wm. Small and *Mr. Wm. K. Small* for Ho-Ro-Co Mfg. Co.

Mr. J. D. Rippey and *Mr. L. C. Kingsland* for Malone, etc.

Before MARTIN, Chief Justice, ROBB, Justice, and SMITH, Judge U. S. Court of Customs Appeals.

ROBB, *J.*:

Appeal from a decision of the Patent Office sustaining in part the opposition of the appellee to the registration by the appellant of the mark "Ho-Ro-Co", for use on a variety of toilet and medicinal preparations.

Appellee is the owner and user of the mark "Poro", which it applies to preparations for the treatment of the hair and to hairdressings. The Examiner of Interferences ruled that the two marks were deceptively similar, that hair restorer, hair tonic, dandruff remedy, hair shampoo, and depilatory powders were of the same descriptive properties as the goods of appellee, and hence that the opposition should be sustained to that extent. Appellant acquiesced in this decision and filed an amendment to its application eliminating the articles named in the Examiner's decision. The appellee alone appealed, and in the first decision of the Assistant Commissioner who heard the case the decision of the Examiner was reversed. On motion of the Ho-Ro-Co Company a rehearing was had, at which that company conceded—

that the question of similarity of the marks of the respective parties is not before the Commissioner.

The Assistant Commissioner then ruled that the medicinal preparations put out by the Ho-Ro-Co Company were not goods of the same descriptive properties as the goods of the opposer, but that the toilet preparations were goods of the same descriptive properties. In his decision the Assistant Commissioner said:

It is to be remembered, however, that Malone (appellee) runs a college for the training of persons who establish so called beauty parlors for colored people. There may have been a time in our civilization when women were satisfied to have the hair alone treated, but it does not behoove us to shut our eyes to the facts which are patent everywhere that at the present time the activities of beauty parlors go much further than the hair. Certainly, they include the use, application and sale of talcum and complexion powders, cold cream, vanishing cream, massage cream, hair restorer for promoting the growth of the hair, hair tonic and dandruff remedy, hair shampoo, compact face powder, face rouge, lip rouge, eyebrow pencils, nail polish, toilet water, and possibly bay rum.

The Assistant Commissioner therefore was of the view that these goods were of the same class and that, even if Malone did not handle toilet preparations, the natural expansion of her business would include them. The Ho-Ro-Co Company alone appealed.

It is apparent from the statement of the case that the question of similarity of the marks is not before us, appellant having acquiesced in the decision of the Examiner of Interferences that the marks were similar.

[1] One other question is as easily disposed of here. Evidence was introduced by the opposer as to her title to the mark "Poro". In the petition for rehearing filed by the Ho-Ro-Co Company this question was not raised, and the assignments of error before us contain no mention of this contention. Appellant, however, attempts to invoke section 5 of rule 8 of the rules of this court, which reads:

Errors not assigned, according to the rule of the court, will be disregarded, though the court, at its option, may notice and pass upon a plain error not assigned.

But this rule presupposes consideration and exception below. Section 3 of Rule 5 provides that this court will not decide any point or question not fairly presented for decision by the court below. See *Cooper* v. *Sillers*, 30 App. D. C. 567; *Nicolopole* v. *Love*, 39 App. D. C. 343; *Traver* v. *Smolik*, 43 App. D. C. 150; *Dixon* v. *Gt. Falls & O. D. Ry.*, 43 App. D. C. 206. There is no room here, of course, for the application of the rule that in certain criminal cases errors may be noticed although there be no objection, exception or assignment. See *Freed* v. *U. S.*, 49 App. D. C. 392; 266 Fed. 1012.

[2] We agree with the ruling below that the toilet preparations, preparations for the treatment of the hair, and hairdressings are goods of the same descriptive properties, within the meaning of the Trade-Mark Act. See *Plough Chemical Co.* v. *Bullion*, 336 O. G. 256; 5 Fed. (2d) 117; 55 App. D. C. 294; *Cal. Packing Corp.* v. *Price-Booker Mfg. Co.*, 308 O. G. 451; 52 App. D. C. 259; *E-Z Waist Co.* v. *Reliance Mfg. Co.*, 311 O. G. 709; 52 App. D. C. 291; *Simplex Elec. Heating Co.* v. *Gold Car H. & L. Co.*, 213 O. G. 1117; 43 App. D. C. 28.

The decision is affirmed.

Affirmed.

Court of Appeals of the District of Columbia.

MALONE, DOING BUSINESS UNDER THE STYLE AND NAME OF PORO COLLEGE, *v.* HAY.

No. 1,778. Decided Jan. 4, 1926.

TRADE-MARKS—OPPOSITION—RES JUDICATA.

Where in a former opposition proceeding between the same parties the court stated in the decision that the trade-mark which the applicant then sought to register consisted of the word "Hay-Po", but that it appeared that the applicant had never used the word alone in trade, and consequently it was unnecessary to pass upon his right to register it, since "there must be actual trade-mark use to entitle the owner to registration", and the court accordingly affirmed the decision of the Commissioner of Patents which sustained the opposition and denied registration, *Held*, when the applicant afterwards sought to register the same word on a new application, that since the applicant's proposed trade-mark in each proceeding was the word "Hay-Po", the only variation being in the specimens filed in the first proceeding, the two proceedings presented the same issue, and the second application was merely an attempt to relitigate the issue notwithstanding the former decision.

APPEAL from the Commissioner of Patents. Reversed.

Mr. J. D. Rippey and *Mr. L. C. Kingsland* for Malone, etc.

Mr. L. F. Randolph, Mr. John F. Byrne, Mr. Joseph W. Milburn, and *Mr. Chas. M. Bryan* for Hay.

Before MARTIN, Chief Justice, ROBB, Justice, and SMITH, Judge U. S. Court of Customs Appeals.

MARTIN, *J.*:

This is an appeal from a decision of the Commissioner of Patents overruling an opposition filed by the appellant in a trade-mark registration proceeding.

The appellee, Clarence Hay, applied for the registration of a trade-mark consisting of the hyphenated term "Hay-Po", for use on rouge, dandruff remedy and hair tonic, face powder, pressing oil and dandruff dissolvent, and ointment for straightening the hair.

The appellant, Annie M. Malone, doing business under the name of Poro College, filed an opposition to the application because of the alleged similarity of "Hay-Po" with her registered trade-mark "Poro", used upon preparations for the treatment of the hair and for hairdressings.

The opposer claimed that the issue thus raised by the opposition had been passed upon in similar proceedings between the same parties, and that both the Patent Office and this court had entered decisions against the applicant upon said issue, and that these were still in full force and effect. The opposer accordingly contended that the applicant was barred by the rule of res judicata from again contesting said opposition. The opposer cited, among other proceedings, the case of *Hay* v. *Malone*, 288 O. G. 431; 50 App. D. C. 899, claiming that it involved the same issue as the present contest; that it was between the same parties; that the court decided the issue in favor of the opposer, and that the decision is still in full force and effect between the parties.

The Examiner of Interferences sustained the opposition. This decision was reversed by the Commissioner of Patents, from whose ruling this appeal was taken.

We think that the appellant's claim of res judicata should have been sustained because of the decisions of the Patent Office in opposition No. 2,777, *Malone* v. *Hay*, which were affirmed by this court in *Hay* v. *Malone*, supra; and that the applicant was effectually barred by these decisions from contesting the opposition now at issue. In both proceedings the applicant applied for the registration of "Hay-Po" as his trade-mark for hair preparations. Each application was opposed by the appellant because of her registered trade-mark "Poro" for similar preparations. The first opposition was sustained, and that decision remains in full force and effect. The applicant's proposed trade-mark in each proceeding is "Hay-Po," the only variation being in the specimens filed in the first proceeding to show the manner of its use upon applicant's goods. The two proceedings accordingly present the same issue, and the second application is merely an attempt to relitigate the issue notwithstanding the former decision.

It is claimed by the appellee that in the former case this court did not pass upon his right to register the word "Hay-Po" alone, but only passed upon the registration of that word in combination with certain pictures and lettering. This claim is not correct. The court stated in the decision that the trade-mark which the applicant sought to register consists of the word "Hay-Po," but that it appeared that the applicant had never used the word alone in trade, and consequently it was unnecessary to pass upon his right to register it, since "there must be actual trade-mark use to entitle the owner to registration". The court accordingly affirmed the decision of the Commissioner of Patents which sustained the opposition and denied registration.

This affirmance gave full force and effect to the concurring decisions entered below in the case by the Examiner of Interferences and the Commissioner of Patents, whereby the opposition of Malone to Hay's application for the registration of "Hay-Po" alone was fully sustained.

The doctrine of res judicata or estoppel by former judgment applies to adjudications made in the Patent Office. *Blackford* v. *Wilder*, 127 O. G. 1255; 28 App. D. C. 353; *Horine* v. *Wende*, 129 O. G. 2858; 29 id. 415; 133 O. G. 1680; *Newcomb Motor Co.* v. *Moore*, 30 id. 464; *Carroll* v. *Hallwood*, 135 O. G. 896; 31 id. 165; *Carter Medical Co.* v. *Barclay*, 162 O. G. 785; 36 id. 123; *Sutton* v. *Wentworth*, 204 O. G. 320; 41 id. 582.

The decision of the Commissioner of Patents, overruling the decisions of the Examiner of Interferences refusing registration, is reversed.

Court of Appeals of the District of Columbia.

MALONE, DOING BUSINESS UNDER THE STYLE AND NAME OF PORO COLLEGE, *v.* HAY.

No. 1,779. Decided January 4, 1926.

APPEAL from the Commissioner of Patents. Reversed.

Mr. J. D. Rippey and *Mr. L. C. Kingsland* for Malone, etc.

Mr. L. F. Randolph, Mr. John F. Byrne, Mr. Joseph W. Milburn, and *Mr. Chas. M. Bryan* for Hay.

Before MARTIN, Chief Justice, ROBB, Justice, and SMITH, Judge U. S. Court of Customs Appeals.

MARTIN, *J.*:

This is an appeal from a decision of the Commissioner of Patents overruling an opposition filed by the appellant in a trade-mark registration proceeding.

The appellee, Clarence Hay, applied for the registration of a trade-mark consisting of the word "Hay-Po" for use on shampoo soap. The appellant, Annie M. Malone, doing business under the name of Poro College, filed an opposition to the application because of the alleged similarity of "Hay-Po" with her registered trade-mark "Poro", used upon preparations for the treatment of the hair and hair dressings. The opposer claimed that the issue thus raised by the opposition had been passed upon in similar proceedings between the same parties and that both the Patent Office and this court had entered decisions against the applicant upon said issues, which decisions were still in full force and effect. The opposer accordingly contended that the applicant was barred by the rule of res judicata from again contesting said opposition.

We sustain this claim of the appellant, and refer to our opinion in *Malone* v. *Hay*, No. 1,778, handed down concurrently herewith, for the grounds of this decision.

The decision of the Commissioner of Patents is accordingly reversed.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

912,721, M. Norden, Illuminated sign, suit filed Dec. 12, 1925, D. C., E. D. N. Y., Doc. 2332, *Norden Co.* v. *Ideal Sign Co., Inc., et al.*

932,965, C. W. Conner, Bifocal lens and method of making same, case dismissed Jan. 5, 1926, D. C. Colo., Doc. 7765, *One Piece Bifocal Lens Co.* v. *The Unitex Co. et al.*

956,135, T. E. Murray, Electric cut-out; 1,031,363, same, Meter-testing service cut-out; 1,028,268, G. E. Palmer, Case for meter connection blocks; 1,036,317, same, Casing; 993,099, same, Meter-connection block, suit filed Dec. 24, 1925, D. C., E. D. N. Y., Doc. 2349, *Metropolitan Device Corp.* v. *Williamsburg Electric Supply Corp.*

993,099. (See 956,135.)

1,028,268. (See 956,135.)

1,031,363. (See 956,135.)

1,036,317. (See 956,135.)

1,050,441, R. A. Fessenden, Electric signaling apparatus; 1,050,728, R. A. Fessenden, Signaling; 1,113,149, E. H. Armstrong, Wireless receiving system, consent decree sustaining patents and granting injunction Jan. 25, 1926, D. C., S. D. N. Y., Doc. E 35/108, *Westinghouse Electric & Mfg. Co. et al.* v. *Durrant Radio, Ltd.*

1,050,728. (See 1,050,441.)

1,058,210. Welch & Welch, Method of finishing castings, suit filed Jan. 19, 1926, D. C., E. D. Mich. (S. Div.), Doc. 1343, *American Plug Co. et al.* v. *Hudson Motor Car Co.*

1,067,445, F. W. A. Shultz, Bow, consent order of dismissal Dec. 22, 1925, D. C., E. D. N. Y., Doc. 2200, *Tie Patents and Mfg. Corp.* v. *A. Pomerantz.*

1,092,400, E. Rynearson, Meter box, suit filed Dec. 19, 1925, D. C., N. D. Tex. (Wichita Falls Div.), Doc. E 198, *Dallas Foundry* v. *L. J. Taylor.*

1,108,184, T. Kerner, Garbage and refuse incinerator, suit filed Jan. 19, 1926, D. C., E. D. Mich., Doc. 1341, *Kerner Incinerator Co.* v. *Graver & Goldreich* (*Graver Mfg. Co.*).

1,113,149. (See 1,050,441.)

1,156,122, J. C. Woodley, Fibrous composition, suit filed Jan. 13, 1926, D. C. Mass., Doc. E 2519, *The Richardson Co. et al.* v. *Hood Rubber Co.*

1,215,134, J. M. Ferry, Apparatus for removing water from water-bearing sand, suit filed Dec. 5, 1925, D. C., E. D. N. Y., Doc. 2314, *James Ferry Co., Inc.*, v. *Alliegro Bros., Inc.*

1,229,102, B. E. Lloyd, Talking doll, suit filed Dec. 16, 1925, D. C., E. D. N. Y., Doc. 2341, *Voices, Inc., et al.* v. *B. A. Baker* (*Bakers*).

1,229,102, B. E. Lloyd, Talking doll, consent decrees sustaining patent and granting injunction Jan. 14, 1926, D. C., S. D. N. Y., Doc. E 35/8, *Voices, Inc., et al.* v. *H. Kellner* (*H. Kellner & Sons*). Same, decree rendered Jan. 22, 1926, D. C., S. D. N. Y., Doc. E 35/12, *Voices, Inc., et al.* v. *Epstein.*

1,233,124. (See 1,382,699.)

1,307,733 (*a*), A. V. Gullborg, Lubricating apparatus; 1,307,734, same, Lubricating means; Re. 14,667, F. D. Winkley, Lubricating system, order dismissing bill as to M. Finger, Jan. 9, 1926; Patents 1,307,733 and 1,307,734 held valid, claims 3, 4, and 5 of 1,307,733 and claims 1, 2, 4, 8, and 12 of 1,307,734 infringed, perpetual injunction, D. C. Dela., Doc. E 554, *The Bassick Mfg. Co.* v. *Standard Products Mfg. Co., and M. Finger.*

1,307,733 (*b*), A. V. Gullborg, Lubricating apparatus; 1,307,734, same, Lubricating means, on Dec. 9, 1925, pursuant to stipulation final decree rendered holding patents valid and infringed, perpetual injunction, D. C. Utah, Doc. E 9096, *The Bassick Mfg. Co.* v. *W. C. Van Horbek.* Same, suits filed Jan. 19, 1926, D. C., N. D. Ala., Doc. 548, *The Bassick Mfg. Co.* v. *Moore Handley Hardware Co.* Same, D. C. Kans. (1st Div.), Doc. 801 N, *The Bassick Mfg. Co.* v. *F. L. Olson* (*Olson Auto Supply Co.*).

1,307,734. (See 1,307,733 (*a*) and (*b*).)

1,342,015, 1,355,943, C. F. Cuno, Automatic switch for cigar lighters, etc.; 1,346,368, same, Electric cigar lighter; 1,378,013, same, Cigar lighter; 1,460,095, 1,539,545, C. H. Cuno, same, suit filed Nov. 19, 1925, D. C., E. D. N. Y., Doc. 2293, *The Cuno Engineering Corp.* v. *V. A. Scully* (*The Perfection Motor Products Co.*).

1,346,368. (See 1,342,015.)

1,355,943. (See 1,342,015.)

1,378,013. (See 1,342,015.)

1,382,699, M. J. Weber, Weighing scale (and 1,233,124, T. B. Powers, same, included by counterclaim Dec. 16, 1925), suit filed Nov. 27, 1925, D. C., E. D. N. Y., Doc. 2300, *The Healthometer Co.* v. *The Jacobs Bros. Co., Inc.*

1,425,444, G. E. Bishop, Automobile inclosure, suit filed Jan. 26, 1926, D. C., N. D. Ohio (E. Div.), Doc. 1720, *G. E. Bishop* v. *The Philips Custom Body Co.*

1,459,160, F. B. Nims, Water circulator for gas engines, decree of Feb. 2, 1925 vacated and decree entered dismissing bill for want of equity, Jan. 9, 1926, D. C., E. D. Wis., Doc. 1418 C D, *Nims Pump Co. et al.* v. *Cramer Mfg. Co.* (*Milwaukee Pump & Mfg. Co.*).

1,460,095. (See 1,342,015.)

TRADE-MARKS CANCELED.

159,469. Salted wafers, soda crackers, and plain unsalted crisp wafers. Pacific Coast Biscuit Company, Seattle, Wash. Registered September 26, 1922. Canceled February 26, 1926.

161,899. Crackers. Pacific Coast Biscuit Co., Seattle, Wash. Registered November 21, 1922. Canceled February 26, 1926.

166,122. Creamery butter. American Butter Company, Kansas City, Mo. Registered March 27, 1923. Canceled February 26, 1926.

179,311. Lubricating oil. Roxana Petroleum Corporation, St. Louis, Mo. Registered February 5, 1924. Canceled February 26, 1926.

182,437. Salad dressing. Charles Gulden, Inc., New York, N. Y. Registered April 8, 1924. Canceled February 11, 1926.

202,757. Wrapping paper. Westfield River Paper Company, Inc., Russell, Mass. Registered September 1, 1925. Canceled February 26, 1926.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 16, 1926.

[VOL. 344. No. 3.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 168,351. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BERNHAN CHEMICAL & METAL CORP., New York, N. Y. Filed Aug. 17, 1922.

EAGLE

Particular description of goods.—Corn Sugar, Being Solidified Glucose, Bleached and Unbleached, in Chips, Slabs, Granular, and Solid Forms, Used in Tanning.
Claims use since about Nov. 15, 1921.

Ser. No. 169,822. (CLASS 39. CLOTHING.) DAVID L. PRANSKY, Philadelphia, Pa. Filed Sept. 22, 1922.



No claim is made herein to the expression "Hard-to-Tear" apart from the mark shown in the drawing, the applicant reserving, however, his rights thereto under the common law.

Particular description of goods.—Hosiery; Dress, Negligee, and Work Shirts; Overalls; and Leather, Rubber, and Fabric Gloves.
Claims use since Apr. 14, 1921.

Ser. No. 184,061. (CLASS 39. CLOTHING.) BEAR BRAND HOSIERY CO., Chicago, Ill. Filed Aug. 4, 1923.

BEAR BRAND

The word "Brand" is disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Textile Articles—Namely, Hosiery.
Claims use since Oct. 24, 1904.

Ser. No. 184,062. (CLASS 39. CLOTHING.) BEAR BRAND HOSIERY CO., Chicago, Ill. Filed Aug. 4, 1923.



The mark essentially involves a symbol comprising the association of the representation of a bear's head, the words "Bear Brand," and two concentric circles, the representation of the head being shown within the inner circle and encompassed thereby and the expression "Bear Brand" being shown circularly arranged between the circles and around the head. No claim is made to the exclusive use of the word "Brand" apart from the other specified features of the mark shown in the drawing.

Particular description of goods.—Textile Articles—Namely, Hosiery.
Claims use since Oct. 24, 1904.

Ser. No. 189,461. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) PRESTON KENNEDY, Binghamton, N. Y. Filed Dec. 10, 1923.



No claim is made for the words "Trade-Mark" or "Coal Gas Consumer" or for the representation of the goods apart from the mark as shown.

Particular description of goods.—Mixers for Use in Furnaces for Facilitating the Consumption of Coal Gas.

Claims use since Feb. 8, 1922.

Ser. No. 189,888. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE EMBOSSING COMPANY, Albany, N. Y. Filed Dec. 19, 1923.



No claim is made to the words "Modeling Materials" and "The Embossing Company's" apart from the mark shown.

Particular description of goods.—A Modeling Set for Children (Used as a Unit).

Claims use since Oct. 10, 1923.

Ser. No. 196,434. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHEMISCHE FABRIK POTT & Co., Dresden, Germany. Filed May 2, 1924.

ISOMERPIN

Particular description of goods.—Preparations for Treating Textile Fasers and Fabrics During Dyeing and Sizing Operations.

Claims use since March, 1923.

Ser. No. 202,470. (CLASS 2. RECEPTACLES.) UNITED STATES ENVELOPE COMPANY, Springfield, Mass. Filed Sept. 10, 1924.



No claim is made to the corporate name "U. S. Envelope Co." or to the words "Springfield, Mass." apart from the mark shown on the drawing.

Particular description of goods.—Merchandise Envelopes and Paper Drinking Cups.

Claims use since Jan. 1, 1899.

Ser. No. 203,621. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LES ETABLISSEMENTS POULENC FRERES, Paris, France. Filed Oct. 9, 1924.

PROPIDEX

Particular description of goods.—Pomatum with a Base of Propidon Vaccine.

Claims use since Apr. 8, 1924.

Ser. No. 203,623. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LES ETABLISSEMENTS POULENC FRERES, Paris, France Filed Oct. 9, 1924.

NARSENOL

Particular description of goods.—Novarsenbenzol in Tablet Form.

Claims use since May 8, 1923.

Ser. No. 203,624. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LES ETABLISSEMENTS POULENC FRERES, Paris, France. Filed October 9, 1924.

TECARINE

Particular description of goods.—Theol ninacetate of Soda.

Claims use since July 3, 1923.

Ser. No. 204,158. (CLASS 39. CLOTHING.) COHN-GOLDWATER MANUFACTURING CO., Los Angeles, Calif. Filed Oct. 20, 1924.

BOSS

Particular description of goods.—Work Clothing or Outer Clothing for Men or Women—Namely, Overalls and Shirts, Mackinaw Coats, Leather Coats and Vests, Hiking Pants, Riding Breeches, Cotton Pants, Children's Play Suits.

Claims use since 1889.

Ser. No. 204,545. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DRAKE CORPORATION, Norfolk, Va. Filed Oct. 29, 1924.



No claim is made to the use of the words "Warp Dressing Service Improves Weaving" apart from the trade-mark shown in the drawing.

Particular description of goods.—Warp Dressings.

Claims use since 1920.

Ser. No. 204,599. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Oct. 30, 1924.

Kashmirella

Particular description of goods.—Woolen Piece Goods.

Claims use since Sept. 15, 1924.

Ser. No. 204,734. (CLASS 12. CONSTRUCTION MATERIALS.) UNIVERSAL GYPSUM COMPANY, Chicago, Ill. Filed Nov. 1, 1924.



No claim is made to the exclusive use of the word "Gypsum" apart from the mark shown in the drawing.

Particular description of goods.—Hair-Fibered Plaster.

Claims use since June 18, 1924.

Ser. No. 204,972. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) JOHN RAYMOND MCMAHON, Des Moines, Iowa. Filed Nov. 7, 1924.

ARROWPOINT

Particular description of goods.—Vehicle Signals of a Mechanical Nature.

Claims use since Nov. 1, 1924.

Ser. No. 205,247. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HENRY C. THOMPSON, Hartford, Conn., assignor to The Thompson Specialties, Inc., Springfield, Mass., a Corporation of Massachusetts. Filed Nov. 13, 1924.



The lining on the drawing indicates the colors blue and yellow.

Particular description of goods.—Cements—Namely, Liquid Radiator Cements.

Claims use since Oct. 31, 1924.

Ser. No. 207,145. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) PIONEER RUBBER MILLS, San Francisco, Calif. Filed Dec. 23, 1924.



No claim is made to the word "Diagonal" per se aside from its relative position and arcuate form in the general assemblage of the mark, nor to the representation of the goods.

Particular description of goods.—Piston Packing.

Claims use since about Aug. 11, 1924.

Ser. No. 207,234. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) EMPIRE SILK COMPANY, Wilmington, Del., and New York, N. Y. Filed Dec. 26, 1924.

Mellowcrepe

Particular description of goods.—Silk Piece Goods.

Claims use since October, 1924.

Ser. No. 207,402. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) PREMIER WARM AIR HEATER COMPANY, Dowagiac, Mich. Filed Dec. 29, 1924.

PREMIER

Particular description of goods.—Coal Stoves and Furnaces for Warm-Air Heating.
Claims use since March, 1920.

Ser. No. 208,058. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) LUSTRE CHEMICAL CORPORATION, Rochester, N. Y. Filed Jan. 13, 1925.



The drawing is lined to indicate red in color and no claim is made to the word "Lustre" apart from the mark as shown.
Particular description of goods.—Cleansing Preparations for Kitchen, Household, and Laundry Uses.
Claims use since October, 1919.

Ser. No. 208,703. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) NATHAN HALPERIN, doing business as Halperin Mills, Brooklyn, N. Y. Filed Jan. 27, 1925.

FAILLE-TONE

No claim is made to the word "Faille" apart from the mark shown in the drawing.
Particular description of goods.—Artificial-Silk Knitted Fabric.
Claims use since Dec. 18, 1924.

Ser. No. 208,705. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) NATHAN HALPERIN, doing business as Halperin Mills, Brooklyn, N. Y. Filed Jan. 27, 1925.

HAL-BROCHE

No claim is made to the word "Broche" apart from the mark as shown in the drawing.
Particular description of goods.—Artificial-Silk Knitted Fabric.
Claims use since Oct. 7, 1924.

Ser. No. 209,013. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GUSTAV WIEDEKE CO., Dayton, Ohio. Filed Feb. 2, 1925.

MASTER

Trade-mark consists of the word "Master."
Particular description of goods.—Tube and Flue Expanders, Tube and Flue Cutters, Tube and Flue Beading Tools.
Claims use since Dec. 26, 1924.

Ser. No. 209,016. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AKTIESELSKAPET HVISTENDAHL & WERRING LIMITED, Christiania, Norway. Filed Feb. 3, 1925.



Trade-mark "Sonny."
Particular description of goods.—Sild, Bristling, and Herrings.
Claims use since about Aug. 1, 1919.

Ser. No. 209,169. (CLASS 12. CONSTRUCTION MATERIALS.) THE MASTER BUILDERS COMPANY, Cleveland, Ohio. Filed Feb. 6, 1925.

MASTER

Particular description of goods.—Colored Cement, Coloring for Cement and Mortar; Materials for Waterproofing, Hardening, Frostproofing, Coloring Accelerating and Retarding Cement, Mortar, and Concrete; Materials for Dustproofing Cement Floors; Materials for Coating Foundations, Walls, and Roofs; Materials for Bonding Plaster to Walls, Compounds for Covering and Repairing Roofs and Walls, Materials for Patching Stone and Cement and Concrete, and Slabs, Plates, and Tiles of Slate, Concrete, Asbestos, and Stone for Builders' Use.
Claims use since 1909.

Ser. No. 209,294. (CLASS 39. CLOTHING.) WM. H. HORSTMANN COMPANY, Philadelphia, Pa. Filed Feb. 9, 1925. Under 10-year proviso.



Particular description of goods.—Sweaters, Shawls, Skirts, Sacks, Jackets, Shoulderettes (Consisting of a Small Wrap Covering the Shoulders With a Wristband Attached), Slips, Spencers (Consisting of a Lightweight Garment of the Jacket Type Without Sleeves), Children's Sets (Consisting of a Cap or Toque, a Jacket or Sweater, a Pair of Leggings or Bootees, and with or without a Pair of Mitts), Leggings, Bootees, Children's Caps, Hoods, Knitted Fabric Mitts, Scarfs, Capes, and Afghans.
Claims use since 1890.

Ser. No. 209,785. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GRANGER & CO., Buffalo, N. Y. Filed Feb. 18, 1925.

ROYAL BLEND

Particular description of goods.—Coffee.
Claims use since on or about Feb. 1, 1892.

Ser. No. 210,334. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) WHISTLE-DEEP ROCK CORPORATION OF NEW YORK, New York, N. Y. Filed Feb. 28, 1925.

DEEP ROCK

Particular description of goods.—Ginger Ale.
Claims use since July, 1924.

Ser. No. 211,195. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) THE AMERICAN FURNACE & FOUNDRY CO., Milan, Mich. Filed Mar. 18, 1925.



No claim is made for the word "American" apart from the mark shown in the drawing. No claim is made to the said trade-mark for water heaters using gas or oil as fuel.
Particular description of goods.—Hot-Air Furnaces and Water Heaters, Hot-Water Boilers, Steam Boilers of the House-Heating Type, and Warm-Air Furnaces, All Using Coal, Coke, and Kindred Solid Fuels Only.
Claims use since August, 1920.

Ser. No. 211,326. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALBERT BOEHRINGER, doing business as C. H. Boehringer Sohn, Nieder-Ingelheim-on-the-Rhine, Germany. Filed Mar. 20, 1925.

Pericholan

Particular description of goods.—Medicaments for Treating Helminthiasis; Powders, Tablets, and Pills for Treatment of Worms; Camphor, Pharmaceutical Preparations Containing Camphor, Spirits of Camphor, Camphor Capsules and Tablets, Camphorated Paraffin Oil, Colic and Diarrhea Mixture, Digitalis, Tincture Valeriana; Preparations for Alleviating Pain, Especially Powders for the Relief of Pain; Laxative Medicaments in Form of Tablets; Medicaments for the Treatment of Spasmodic Croup, Muscular Cramp, Wind Colic, Cholelithiasis, Cholangitis, Icterus Catarrhalis, Asthma, Cardiac Weakness; Medicaments in the Form of Pills, Tablets, and Tinctures for the Treatment of Angina Pectoris, Pulmonary Hemorrhages, Enuresis Nocturna; Tablets, Pills, and Tinctures for Treating Seasickness.
Claims use since Feb. 15, 1925.

Ser. No. 212,196. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) WILLIAM GEORGE OKE, Fulwell, England. Filed Apr. 4, 1925.



No claim is made to the word "Brand" apart from the mark shown on the drawing.
Particular description of goods.—Golf Clubs.
Claims use since September, 1920.

Ser. No. 212,409. (CLASS 39. CLOTHING.) TUFOAK PRODUCTS CO., Oakland, Calif. Filed Apr. 8, 1925.

"TUFOAK"

Particular description of goods.—Rubberized Gloves, Aprons, Leggings, and Men's Rubberized Coats.
Claims use since June 1, 1924.

Ser. No. 213,864. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) NATHAN STRAUS & SONS, INC., New York, N. Y. Filed May 5, 1925.

Nathan Straus & Sons

The script constituting the trade-mark is the signature of the founder of the business, Nathan Straus.
Particular description of goods.—Chinaware.
Claims use since Nov. 1, 1924.

Ser. No. 213,978. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LARIMORE LABORATORIES, INC., New York, N. Y. Filed May 7, 1925.

PARIS NEW YORK
Lari

Applicant disclaims the words "Paris" and "New York" as part of trade-mark.
Particular description of goods.—Toilet Water, Face Lotions, Rouge, Talcum and Face Powders, Lip Sticks, Facial Astringents, Nail Polish, Cold Creams, Facial Creams, Perfumes, Peroxide of Hydrogen, Depilatories, and Deodorants.
Claims use since Jan. 23, 1925.

Ser. No. 214,047. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ARMOR CHEMICAL COMPANY, New York, N. Y. Filed May 9, 1925.

Armor

Particular description of goods.—Deodorant Paste.
Claims use since May 1, 1923.

Ser. No. 214,355. (CLASS 17. TOBACCO PRODUCTS.) GENERALDIREKTION DER OESTERREICHISCHEN TABAKREGIE, Vienna, Austria. Filed May 15, 1925.



Particular description of goods.—Chewing Tobacco, Smoking Tobacco, Snuff, Cigars, and Cigarettes.
Claims use since 1886.

Ser. No. 214,543. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JACOB FORST PACKING COMPANY, INC., Kingston, N. Y. Filed May 19, 1925.

TENDEROLL

The lining in the letters of the drawing denotes orange.
Particular description of goods.—Smoked Pork Tenderloins.
Claims use since Apr. 15, 1925.

Ser. No. 214,755. (CLASS 39. CLOTHING.) STRATFORD COSTUMES, INC., New York, N. Y. Filed May 22, 1925.

Pilgrim Frock

Applicant, without waiving its common-law rights, claims the word "Frock" in this application only in association with the other features of the mark.
Particular description of goods.—Ladies' and Misses' Dresses.
Claims use since May 1, 1925.

Ser. No. 214,756. (CLASS 39. CLOTHING.) STRATFORD COSTUMES, INC., New York, N. Y. Filed May 22, 1925.

Quaker Frock

Applicant claims the word "Frock" only in association with the other features of the mark without waiving its common-law right.
Particular description of goods.—Ladies' and Misses' Dresses.
Claims use since May 1, 1925.

Ser. No. 214,980. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) SUPERIOR HARD RUBBER COMPANY, Butler, N. J. Filed May 27, 1925.



The right to the exclusive use of the words "Spiral Spray Syringe" and the picture of the syringe is disclaimed.
Particular description of goods.—Rubber Syringes.
Claims use since on or about Oct. 23, 1923.

Ser. No. 215,270. (CLASS 39. CLOTHING.) THE ROTH SHOE MFG. COMPANY, Cincinnati, Ohio. Filed June 3, 1925.



Applicant disclaims exclusive right to the use of the words "The Roth Shoe Mfg. Co.," "Cincinnati, Ohio, U. S. A.," "Patented Shoe," "Trade-Mark," and "Band-Grip," also the pictorial representation of the goods, apart from the particular association in which they appear with the rest of the mark as it is shown on the drawing.

Particular description of goods.—Women's Shoes Made of Leather Uppers, Leather Soles, Fabric and Leather Linings, and Composition Leather Heels with Rubber Top Pieces. It is also to be used on shoes constructed of fabric uppers with the same soles, heels, linings, etc., as above.
Claims use since Apr. 15, 1925.

Ser. No. 215,287. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALEXANDER WINTER AND SONS, Bath Pistany, Czechoslovakia. Filed June 4, 1925.



Particular description of goods.—Mineral Medical Products, and Especially Products of Mineral Medical Mud and Natural Springs Employed in the Treatment of Gout, Rheumatism, Lumbago, Sciatica, Neuralgia, Muscular Strains, and Surgical Aftertreatments and Similar Ailments.
Claims use since Oct. 21, 1913.

Ser. No. 215,288. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALEXANDER WINTER AND SONS, Bath Pistany, Czechoslovakia. Filed June 4, 1925.

Pi.Qa.

Particular description of goods.—Medical Mineral Products, and Especially Products of Mineral Medical Mud and Natural Springs Employed in the Treatment of Gout, Rheumatism, Lumbago, Sciatica, Neuralgia, Muscular Strains, and Surgical Aftertreatments and Similar Ailments.
Claims use since Mar. 6, 1922.

Ser. No. 215,388. (CLASS 39. CLOTHING.) STEINER & SON, INC., Asbury Park, N. J. Filed June 5, 1925.

DUPLEX

Particular description of goods.—Pyjamas.
Claims use since on or about Mar. 1, 1925.

Ser. No. 215,471. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) NEW JERSEY BRUSH COMPANY, Bloomfield, N. J. Filed June 8, 1925.



Particular description of goods.—Household Brushes—Namely, Sweeping Brushes, Dusting Brushes, and Scrubbing Brushes; Painters' Brushes—Namely, Calcimine and Whitewash Brushes; and Painters' Dusters; Toilet Brushes, Including Bath Brushes, Cloth and Hand Brushes; and Industrial Brushes—Namely, Broom, Sweeping, Scrubbing, Scouring, Spoke, and Wheel Brushes, All Used Specifically by Hand for Cleaning and Dusting Purposes.
Claims use since Sept. 1, 1921.

Ser. No. 215,663. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) WHISTLE BOTTLING COMPANY, Johnsonburg, Pa. Filed June 11, 1925



Particular description of goods.—Washing and Cleaning Compound in Crystal Form.
Claims use since Apr. 20, 1925.

Ser. No. 216,098. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) HART & CROUSE COMPANY, Utica, N. Y. Filed June 20, 1925.

ROYAL

Particular description of goods.—Boilers and Coal Furnaces.
Claims use since Jan. 1, 1886.

Ser. No. 216,435. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed June 25, 1925.

Royal Blue

Particular description of goods.—Fan Belts.
Claims use since Apr. 6, 1925.

Ser. No. 216,899. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN B. ELLISON & SONS, Philadelphia, Pa. Filed July 6, 1925.

ROB ROY

Particular description of goods.—Fabrics Made from Wool, Worsted, Cotton, or Mixtures Thereof.
Claims use since September, 1923.

Ser. No. 216,925. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) NEUPAKAER BAUMWOLLSPINNEREI & WEBEREI GOTTLIEB SCHNABEL, Nova Paka, Czechoslovakia. Filed July 6, 1925.



The mark consists of the representation of a bird on a black background, said bird having a red head, neck, and body and gray legs and bill. In the background are the letters "G S" in bronze color, and a bronze frame surrounds the bird and letters.
Particular description of goods.—Cotton Textile Fabrics.
Claims use since February, 1924.

Ser. No. 217,036. (CLASS 39. CLOTHING.) I. MILLER & SONS, INC., Long Island City, N. Y. Filed July 8, 1925. Under section 5[b] of the act of 1905, as amended in 1920.

I. MILLER
Beautiful Shoes

No registration rights are claimed for the words "Beautiful Shoes," and applicant waives none of its common-law rights in said mark or any feature thereof.
Particular description of goods.—Shoes, Slippers, and Boots of Leather, Rubber, Fabric, Leather and Rubber, Leather and Fabric, or Rubber and Fabric; Overshoes, Spats, Heels, and Shoe Findings—Namely, Heels, Inner and Outer Soles, Uppers, Tongues, and Toe Caps.
Claims use since 1922.

Ser. No. 217,038. (CLASS 39. CLOTHING.) I. MILLER & SONS, INC., Long Island City, N. Y. Filed July 8, 1925. Under ten-year proviso.

I·MILLER

Particular description of goods.—Shoes, Slippers, and Boots of Leather, Rubber, Fabric, Leather and Rubber, Leather and Fabric, or Rubber and Fabric; Overshoes, Spats, Heels, and Shoe Findings—Namely, Heels, Inner and Outer Soles, Uppers, Tongues, and Toe Caps.
Claims use since June 1, 1892.

Ser. No. 217,359. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PENN VINEGAR COMPANY, Pittsburgh, Pa. Filed July 14, 1925.

MEAL-TIME

Particular description of goods.—Jelly, Fruit Preserves, Mustard, Catchup, Apple Butter, Salad Oil, Horse-Radish, Cider Vinegar, White Distilled Vinegar, Amber Vinegar, Wine Vinegar, Sweet Pickles, Sweet Mixed Pickles, Dill Pickles, Sour Pickles.
Claims use since June 1, 1926.

Ser. No. 217,434. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WALNUT FRUIT GROWERS ASSOCIATION, Walnut, Calif. Filed July 15, 1925.

HERCULES

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, Grapefruit.
Claims use since 1915.

Ser. No. 217,519. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) JOHN R. LANKENAU CO., Boston, Mass. Filed July 17, 1925.



Particular description of goods.—Textile Fabrics Stamped with Embroidery Patterns.
Claims use since July 2, 1925.

Ser. No. 218,095. (CLASS 39. CLOTHING.) ELIZABETH K. ANDREWS, Chattanooga, Tenn. Filed July 30, 1925.

Frivolité

Particular description of goods.—Gowns, Women's and Children's Hats, Lingerie, Shawls, and Scarfs.
Claims use since November, 1924.

Ser. No. 218,292. (CLASS 39. CLOTHING.) COLLEGIAN UNDERWEAR CO., New York, N. Y. Filed Aug. 3, 1925.

Collegian

Particular description of goods.—Underwear for Men and Boys—Namely, Knitted and Nainsook Union Suits, Knitted and Nainsook Undershirts, and Knitted and Nainsook Drawers.
Claims use since 1922.

Ser. No. 218,349. (CLASS 39. CLOTHING.) WILSON & GLENNY, LIMITED, Hawick, Scotland. Filed Aug. 3, 1925.

WILGLEN

Particular description of goods.—Men's, Women's, and Children's Clothing Made from Woven, Knitted, Netted, and Textile Fabrics—Viz, Men's Overcoats, Caps, Hats, Mitts, Scarfs, Work, Negligee, and Dress Shirts, Underwear, Hosiery, Collars, Neckties, Jackets, Sweaters, Jerseys, Pull-Overs, Gloves, Mittens, Mufflers, Stockings, Socks, Putties, Overalls, and Overshoes, Boots, and Shoes of Leather, Rubber, Fabric, and Combinations of the Same; Women's Coats, Cloaks, Dresses, Suits, Jerseys, Sweaters, Jumpers, Skirts, Collars, Neckties, Mufflers, Stockings, Putties, Petticoats, Underwear, Chemises, Hosiery, Bloomers, Corsets, Dickies, Waists, Shirt Waists, Jackets, Shawls, Scarfs, Hats, Caps, Toques, Bonnets, Middy Blouses, Negligees, Lingerie, Kimonos, Robes, Muffs, Gloves, Mittens, Shoes and Overshoes of Leather, Rubber, Fabric, and Combinations of the Same; Children's Overcoats, Caps, Hats, Suits, Shirts, Waists, Underwear, Hosiery, Collars, Neckties, Jackets, Sweaters, Jerseys, Pull-Overs, Overalls, Stockings, Socks, Putties, Gloves, Mittens, Scarfs, Mufflers, Leggings, Rompers, Bibs, Knit Bootees, Blouses, Bonnets, Shoes and Boots of Leather, Rubber, Fabric, and Combinations of the Same.
Claims use since Apr. 2, 1902.

Ser. No. 218,415. (CLASS 39. CLOTHING.) I. JANOV AND CO., Hazleton, Pa. Filed Aug. 5, 1925

THE LAFAYETTE

The name "Lafayette" is disclaimed apart from the other features of the mark shown on the drawing.

Particular description of goods.—Dress, Negligee, and Work Shirts, Pyjamas and Nightgowns.

Claims use since July 1, 1925.

Ser. No. 218,645. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) INTRAVENOUS PRODUCTS COMPANY OF AMERICA, INC., New York, N. Y. Filed Aug. 10, 1925.

INTRAVENOUS SOLUTIONS

The color lining in the drawing indicates shading only. No claim is made to the words "Intravenous Solutions" apart from the mark as shown on the drawing.

Particular description of goods.—Intravenous Solutions for the Following Medicinal Purposes: Anæmia, Rheumatism, Asthma, Syphilis, Acne, Pyletis, Bronchitis, Goiter, and Neurasthenia.

Claims use since July 1, 1916.

Ser. No. 218,678. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) W. B. WILDE CO., Peoria, Ill. Filed Aug. 10, 1925.



The representation of the heater on the heart-shaped figure is disclaimed, also a disclaimer is made for the word "Heat" other than in the association herein shown—namely, the word "Hart" and the heart-shaped figure. All wording appearing on the drawing and facsimiles other than the trade-mark itself—namely, "Hart Heat" with the heart-shaped figure interposed therebetween—is disclaimed. Color is not a material feature of applicant's mark, and hence is disclaimed.

Particular description of goods.—Fuel-Burning Devices, and More Specifically Automatically-Controlled Oil Burners for House Installation.

Claims use since Nov. 1, 1922.

Ser. No. 218,894. (CLASS 45. BEVERAGES, NONALCOHOLIC.) JOSEPH BATTAGLINO & SONS, Catskills, N. Y. Filed Aug. 15, 1925.



Applicant disclaims the word "Dry" apart from the mark shown in the drawing.

Particular description of goods.—Ginger Ale, a Non-alcoholic, Noncereal, Maltless Beverage Sold as a Soft Drink and Sirup for Making the Same.

Claims use since Jan. 15, 1925.

Ser. No. 218,900. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE CREAMERY PACKAGE MFG. COMPANY, Chicago, Ill. Filed Aug. 15, 1925.

DISBROW

Particular description of goods.—Creamery Machinery Comprising Combined Churns and Butterworkers.

Claims use since Oct. 1, 1893.

Ser. No. 218,966. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HUGO HELSTROM, doing business as The Helstrom Candy Co., Chicago, Ill. Filed Aug. 17, 1925.

NIK-L-O

Particular description of goods.—Candy.

Claims use since Jan. 1, 1924.

Ser. No. 219,102. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) AMERICAN GLUE COMPANY, Boston, Mass. Filed Aug. 20, 1925.

LUMNITE

Particular description of goods.—Abrasive Papers and Abrasive Cloths.

Claims use since July 21, 1925.

Ser. No. 219,124. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KKK MEDICINE COMPANY, Keokuk, Iowa. Filed Aug. 20, 1925.

KKK

Particular description of goods.—Food-Flavoring Extracts.

Claims use since Mar. 1, 1900.

Ser. No. 219,203. (CLASS 39. CLOTHING.) RELIANCE PAPER CO., Marinette, Wis. Filed Aug. 21, 1925.

RELY-ON-US

Particular description of goods.—Aprons, Bibs, Paper Slippers, Combination Paper Slippers and Case, and Capes.

Claims use since December, 1924.

Ser. No. 219,215. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ADRIANO BARCI, San Francisco, Calif. Filed Aug. 22, 1925.



Particular description of goods.—Poison-Oak Lotion, Skin Lotion, Scalp Lotion, and Mouth Wash.

Claims use since July 1, 1925.

Ser. No. 219,391. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) G. & E. TRADING CORP., New York, N. Y. Filed Aug. 26, 1925.



Particular description of goods.—Malt Extracts and Malt Hop Extracts.

Claims use since 1918.

Ser. No. 220,392. (CLASS 39. CLOTHING.) WALTER P. BROWN, New Haven, Conn. Filed Sept. 18, 1925.

DaisyMaid

Particular description of goods.—Hosiery and Silk Underwear.

Claims use since Feb. 22, 1922.

Ser. No. 219,615. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANNA HELEN ARLT, Brooklyn, N. Y. Filed Sept. 1, 1925.

MME ARLT'S GUARANTEE

The words "Mme Arlt's" are disclaimed apart from the manner shown, also the word "Guarantee."

Particular description of goods.—Toilet Articles—Namely, Rouges (Liquid, Paste, and Compact), Face Powders, Toilet Powders, Talcum Powders, Bay Rum, Facial and Skin Creams, Skin Lotions, Sachets, Perfumes, Toilet Waters, Hair Tonic, Hair Wash, Brilliantine, Lip Rouges (Paste, Liquid, and Stick Form), Eyebrow Pencils, Smelling Salts, Tooth Powders, Tooth Pastes, Witch-Hazel Extracts, Dusting Powders, Liquid Nail Polish, Liquid-Nail-Polish Remover, Depilatories, Hairdressing, and Cold Creams.

Claims use since July 25, 1924.

Ser. No. 219,658. (CLASS 15. OILS AND GREASES.) WARREN G. BLACK, doing business as Warren G. Black Company, Cleveland, Ohio. Filed Sept. 2, 1925.

LIGHTNING

Particular description of goods.—Gasoline.

Claims use since on or about Jan. 1, 1920, as applied to gasoline, and since on or about Jan. 1, 1925, to an oil concentrate to be used in gasoline.

Ser. No. 219,714. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) EDMUND BURKE, Minneapolis, Minn. Filed Sept. 3, 1925.

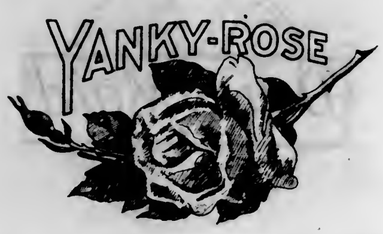
SUN-BEAM MANIFOLD AUTOMOBILE HEATER

No claim is made to the words "Manifold" and "Automobile Heater" apart from the mark shown.

Particular description of goods.—Automobile Heaters.

Claims use since Aug. 25, 1925.

Ser. No. 220,053. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WEST SALEM CANNING CO., West Salem, Wis. Filed Sept. 9, 1925.



Particular description of goods.—Canned Vegetables.
Claims use since 1923.

Ser. No. 220,673. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) EDWIN THOMAS PACKARD, Los Angeles, Calif.; Dallas, Tex.; Boston, Mass.; and Oakland Beach, R. I. Filed Sept. 23, 1925.



The words "Packard—Perfect—Polish" are disclaimed apart from the mark as shown, all common-law rights of the phrase being reserved.
Particular description of goods.—Polishes for Automobile Bodies, Painted and Enamel Ironwork, Pianos, Furniture, and All Varnished Woodwork.
Claims use since July, 1925.

Ser. No. 220,692. (CLASS 32. FURNITURE AND UPHOLSTERY.) WILLARD C. WETMORE, New York, N. Y. Filed Sept. 23, 1925.

SOLITAIRE

Particular description of goods.—Game Tables, Card Tables, Sewing Tables, Reading Tables, and Work Tables.
Claims use since June 8, 1925.

Ser. No. 220,755. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SIDNEY BLUMENTHAL & CO. INC., New York, N. Y. Filed Sept. 25, 1925.

Tussapoil

Particular description of goods.—Pile Fabric in the Piece.
Claims use since Sept. 15, 1925.

Ser. No. 220,756. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SIDNEY BLUMENTHAL & CO. INC., New York, N. Y. Filed Sept. 25, 1925.

Woolpoil

Particular description of goods.—Pile Fabric in the Piece.
Claims use since Sept. 16, 1925.

Ser. No. 220,757. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) CABCO SALES CORPORATION, New York, N. Y. Filed Sept. 25, 1925.



No claim is made to the exclusive use of the word "Cab" apart from the mark shown in the drawing.
Particular description of goods.—Taxicabs.
Claims use since Feb. 24, 1925.

Ser. No. 220,806. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RED OWL STORES, INCORPORATED, Minneapolis, Minn. Filed Sept. 25, 1925.



The pictorial representation of the goods is disclaimed apart from the other features of the mark.
Particular description of goods.—Canned Fruits and Vegetables.
Claims use since July, 1924.

Ser. No. 220,866. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROBERT E. PUTNAM, New Iberia, La. Filed Sept. 26, 1925.



No claim is made to the words "Teche," "Rice," and "Quality" apart from their use with the mark as shown.
Particular description of goods.—Rice.
Claims use since Aug. 1, 1925.

Ser. No. 220,913. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) ORIENTAL MUSIC SHOP, INC., doing business as Oriental Record and Talking Machine Co., New York, N. Y. Filed Sept. 28, 1925.



No claim is made herein to the words "Oriental Record and Talking Machine Co.," "Record," or "Recorded in Egypt" apart from the mark shown in the drawing. The word "Orfenos" (Oppeys) signifies "Orpheus," a mythological Greek character supposed to have received the lyre from Apollo.
Particular description of goods.—Records for Phonograph Instruments and the like.
Claims use since July, 1925.

Ser. No. 220,989. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A. P. BAKICH, Watsonville, Calif. Filed Sept. 30, 1925.

FREEDOM

Particular description of goods.—Fresh Apples and Fresh Pears.
Claims use since Aug. 26, 1925.

Ser. No. 221,052. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) ALBERT FREEMAN, New York, N. Y. Filed Oct. 1, 1925.



The mark comprises a silver-colored ring encircling a green disk and embedded in the pipestem adjacent to the inner end, no claim being made to the representation of the pipestem.
Particular description of goods.—Tobacco Pipes.
Claims use since about Aug. 1, 1925.

Ser. No. 221,056. (CLASS 39. CLOTHING.) JOSEPH M. HAGGAR, Dallas, Tex. Filed Oct. 1, 1925.

Keen Built

Particular description of goods.—Work Shirts, Pants, and Overalls.
Claims use since Mar. 13, 1925.

Ser. No. 221,099. (CLASS 39. CLOTHING.) DIXIE UNDERWEAR CO., INC., Montgomery, Ala. Filed Oct. 2, 1925.

CRACKER JACK

Particular description of goods.—Men's, Ladies,' and Children's Underwear of Textile Fabric, and Hosiery, Sweaters, and Bathing Suits.
Claims use since July 1, 1925.

Ser. No. 221,145. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TEXAS CITRUS FRUIT GROWERS EXCHANGE, Mission, Tex. Filed Oct. 2, 1925.

JAMES BOWIE

The trade-mark is not intended to be the imitation or the simulation of the name of any person now known to be living, but has been adopted as a sign of respect and in honor of a distinguished pioneer into lands of the southwest, and especially of Texas, and which latter he was instrumental in adding to the United States of America.

Particular description of goods.—Fresh Citrous Fruit, Grapefruit, Satsumas, Tangerines, Oranges, Lemons.

Claims use since July 29, 1925.

Ser. No. 221,197. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) OAKLAND FOUNDRY COMPANY, Belleville, Ill. Filed Oct. 3, 1925.

Z-RO KING

Particular description of goods.—Coal Furnaces.

Claims use since July 1, 1913.

Ser. No. 221,244. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE DILL COMPANY, INC., Norristown, Pa. Filed Oct. 5, 1925.

Dilnorpa

Particular description of goods.—Toilet Articles—Namely, Bay Rum, Cold Cream, Dental Cream, Face Powders, Hair Tonics, Antiseptic Toilet Cream, Perfumes, Shampoo, Talcum Powders, Hair Pomade, Toilet Cream, Toilet Water, and Witch-Hazel.

Claims use since March, 1922.

Ser. No. 221,289. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TEXAS CITRUS FRUIT GROWERS EXCHANGE, Mission, Tex. Filed Oct. 5, 1925.

DAVIE CROCKETT

This mark is not intended to be the imitation or the simulation of the name of any person now known to be living, but has been adopted as a sign of respect and in honor of a distinguished pioneer into lands of the Southwest, and especially of Texas, and which latter he was instrumental in adding to the United States of America.

Particular description of goods.—Fresh Citrous Fruits, Grapefruit, Satsumas, Tangerines, Oranges, and Lemons.

Claims use since July 20, 1925.

Ser. No. 221,290. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TEXAS CITRUS FRUIT GROWERS EXCHANGE, Mission, Tex. Filed Oct. 5, 1925.

SAM HOUSTON

The trade-mark is not intended to be the imitation or the simulation of the name of any person now known to be living, but has been adopted as a sign of respect and in honor of a distinguished pioneer into lands of the Southwest, and especially of Texas, and which latter he was instrumental in adding to the United States of America.

Particular description of goods.—Fresh Citrous Fruits, Grapefruit, Satsumas, Tangerines, Oranges, and Lemons.

Claims use since July 29, 1925.

Ser. No. 221,291. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TEXAS CITRUS FRUIT GROWERS EXCHANGE, Mission, Tex. Filed Oct. 5, 1925.

STEPHEN F. AUSTIN

This trade-mark is not intended to be the imitation or the simulation of the name of any person now known to be living, but has been adopted as a sign of respect and in honor of a distinguished pioneer into lands of the Southwest, and especially of Texas, and which latter he was instrumental in adding to the United States of America.

Particular description of goods.—Fresh Citrous Fruits, Grapefruit, Satsumas, Tangerines, Oranges, and Lemons.

Claims use since July 29, 1925.

Ser. No. 221,347. (CLASS 39. CLOTHING.) BEAR BRAND HOSIERY CO., Chicago, Ill. Filed Oct. 7, 1925.

LITTLE MEN

Particular description of goods.—Textile Articles—Namely, Hosiery.

Claims use since Sept. 28, 1925.

Ser. No. 221,371. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE LOURAY COMPANY, Grand Rapids, Mich. Filed Oct. 7, 1925.



The trade-mark consists of a label having a black background and characters printed thereon in orange, the label being elliptical in form with an orange-colored border.

Particular description of goods.—Bath Crystals.

Claims use since Aug. 1, 1923.

Ser. No. 221,499. (CLASS 32. FURNITURE AND UPHOLSTERY.) LESLIE B. NEWMAN, doing business as Pagoda Furniture Company, San Francisco, Calif. Filed Oct. 9, 1925.



The wording "Furniture" and the representation of the goods shown on the drawing are disclaimed apart from the mark as shown.

Particular description of goods.—High-Grade Reed, Rattan, and Sea-Grass Chairs, Settees, and Tables.

Claims use since Nov. 1, 1924.

Ser. No. 221,571. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) WALTER B. SCOTT, Marblehead, Mass. Filed Oct. 10, 1925.

DADDY SCOTT

Applicant disclaims the use of surname "Scott" except in association with the mark as shown.

Particular description of goods.—Wooden Toys—Namely, Human Figures.

Claims use since July 1, 1923.

Ser. No. 221,636. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) O. R. PETERSON CO. INC., San Francisco and Los Angeles, Calif. Filed Oct. 12, 1925.



No claim is made to the words "O. R., Peterson, Co., Inc., San Francisco, Los Angeles" apart from the mark shown. The lining in the drawing is to show the colors gold and red.

Particular description of goods.—Axles, Brakes, Vehicle Bumpers, Vehicle Couplings, Cranks, Vehicle Clutch Hooks, Drawbars, Fenders, Vehicle Grousers, Rims, Shock Absorbers, Steering Posts, Steer-Easy Devices for Vehicles, Vehicle Track Layers, Vehicle Bodies, and Wheels.

Claims use since Aug. 31, 1925.

Ser. No. 221,754. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) MASURY-YOUNG COMPANY, Charlestown, Mass. Filed Oct. 15, 1925.

MYCO

Particular description of goods.—Oil Soap, Liquid Soap, Soap Powder, Scouring Powder, Sweeping Compounds, and Metal Polish.

Claims use since about Jan. 1, 1918, on oil soap, liquid soap, scouring powder, and soap powder, and on metal polish since about Jan. 1, 1923.

Ser. No. 221,764. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) EDWARD G. MINNEMAN, Richmond, Ind. Filed Oct. 15, 1925.

IDEAL

Particular description of goods.—Pie Trimmers and Crimpers.

Claims use since Feb. 16, 1909.

Ser. No. 221,938. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) ALADDIN INDUSTRIES, INCORPORATED, Chicago, Ill. Filed Oct. 19, 1925.

Aladdinette

Particular description of goods.—Kerosene Candle Lamps, Burners, Wicks, and Parts of Lamps and Burners Thereof.

Claims use since Sept. 18, 1925.

Ser. No. 222,068. (CLASS 39. CLOTHING.) THE HART & COMPANY, Cleveland, Ohio. Filed Oct. 21, 1925.

Clehart

Particular description of goods.—Hats for Women and Children.

Claims use since about July 1, 1924.

Ser. No. 222,082. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) EARL F. MONOHON, Santa Monica, Calif. Filed Oct. 21, 1925.

TRADE MARK
REVERSO
EARL F. MONOHON

The words "Trade-Mark" and name "Earl F. Monohon" are disclaimed.

Particular description of goods.—Valve Grinders.

Claims use since Mar. 1, 1925.

Ser. No. 222,194. (CLASS 32. FURNITURE AND UPHOLSTERY.) SCHMIEG, HUNGATE & KOTZIAN, INC., New York, N. Y. Filed Oct. 23, 1925.



Particular description of goods.—Household and Office Furniture as Follows: Buffets, Sideboards, Dining Tables, Library Tables, Cabinets, Beds, Night Tables, Dressing Tables, Bureaus, Chiffoniers, Chifforobes, Wardrobes, Armchairs, Side Chairs, Linen Chests, Commodes, Muffin Stands, Book End Tables, Sofa End Tables, Stands, Highboys, Lounges, Easy Armchairs, Stools, Lowboys, Center Tables, Benches, China Cabinets, Serving Tables, Side Tables, Console Tables, Wall Tables, Day Beds, Chaise Longues, Couches, Cheval Glasses, Dressing Mirrors, Mirrors, Piano Benches, Taborets, Sofas, Settees, Love Seats, Lacquer Cabinets, Court Cabinets, Secretary Cabinets, Secretary Bookcases, Radio Cabinets, Tea Tables, Coffee Tables, Magazine Tables, Candle Stands, Torchieres, Light Standards, Desks, Writing Tables, Smoking Stands, Screens, Fire Screens, Painted Screens, Piano Cases, Vocalion Cases, Windsor Chairs, Lamp Tables, Pie-Crust Tables, Gate-Leg Tables, Card Tables, Drop-Leaf Tables, Tables, Chairs, Book Stands, Book Tables, and Wooden Umbrella Stands. Office Furniture: Desks, Directors' Tables, Board-Room Tables, Tables, Telephone Tables, Easy Armchairs, Book Stands, Book Tables, Cabinets, Smokers' Stands, Center Tables, Settees, Sofas, Costumers, Swivel Chairs, Benches, Couches, Wooden Umbrella Stands, Chairs, Armchairs, Swivel Side Chairs, Benches, Screens.

Claims use since January, 1924.

Ser. No. 222,310. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) COLGATE & COMPANY, Jersey City, N. J. Filed Oct. 26, 1925.



Applicant disclaims use of the words "New York, U. S. A." The horizontal lining denotes the color blue, and the dotted part denotes the color gold.

Particular description of goods.—Talcum Powder, Perfumes, Toilet Water, and Face Powder.

Claims use since 1858 as to "Colgate and Co."; the mark in its completeness since Feb. 21, 1911.

Ser. No. 222,412. (CLASS 39. CLOTHING.) FREDERICK D. SPRUANCE, Philadelphia, Pa. Filed Oct. 27, 1925.

Peggy Shippen



Lingerie

The word "Lingerie" is disclaimed apart from the mark shown.

Particular description of goods.—Lingerie.

Claims use since May 6, 1925.

Ser. No. 222,427. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 28, 1925.

BAKELITE

Particular description of goods.—Type Plates for Printing on Cloth, Paper, and Other Fabrics, Knife and Tool Handles, Pinions, Gears, and Gear-Shift Balls, Dashpots, Lathe Hand Wheels, Antifriction Bearings, Vending-Machine Parts, Typewriter Parts, Check-Protector Parts, Fire-Extinguisher Shells, Fruit Knives and Orange Peelers, and Paper-Hangers' Seam Rollers.

Claims use since Apr. 15, 1914.

Ser. No. 222,469. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo. Filed Oct. 28, 1925.

BROMEIKON

Particular description of goods.—Tetrabromphenolphthalein Sodium Salt Employed for X-Ray Diagnosis and Various Other Therapeutic and Laboratory Purposes.

Claims use since Apr. 29, 1925.

Ser. No. 222,470. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo. Filed Oct. 28, 1925.

IODEIKON

Particular description of goods.—Tetraiodphenolphthalein Sodium Salt Employed for X-Ray Diagnosis and Various Other Therapeutic and Laboratory Purposes.

Claims use since Apr. 29, 1925.

Ser. No. 222,538. (CLASS 2. RECEPTACLES.) ADVANCE BAG AND PAPER COMPANY, INC., Boston, Mass. Filed Oct. 30, 1925.

WHITE ROCK

Particular description of goods.—Paper Bags.

Claims use since 1900.

Ser. No. 222,548. (CLASS 2. RECEPTACLES.) ADVANCE BAG AND PAPER COMPANY, INC., Boston, Mass. Filed Oct. 30, 1925.

WA-HA

Particular description of goods.—Paper Bags.

Claims use since 1915.

Ser. No. 222,554. (CLASS 2. RECEPTACLES.) ADVANCE BAG AND PAPER COMPANY, INC., Boston, Mass. Filed Oct. 30, 1925.

PURITY

Particular description of goods.—Paper Bags.

Claims use since 1904.

Ser. No. 222,612. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRED C. HECKER, New York, N. Y. Filed Oct. 31, 1925.

ROTARY CLUB

Particular description of goods.—Coffee.

Claims use since July 1, 1925.

Ser. No. 222,659. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) BOSROW OPTICAL MFG. CO., INC., Brooklyn, N. Y. Filed Nov. 2, 1925.

ROSEBUD

Particular description of goods.—Spectacles, Spectacle Frames, and Parts Thereof.

Claims use since April, 1924.

Ser. No. 222,730. (CLASS 39. CLOTHING.) THE COMMERCIAL SHIRT CORP., New York, N. Y. Filed Nov. 3, 1925.

PEE-CHEE

Particular description of goods.—Outer Dress, Negligee, Sport, and Work Shirts.

Claims use since May 1, 1925.

Ser. No. 222,787. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) GEMCO MANUFACTURING COMPANY, Milwaukee, Wis. Filed Nov. 4, 1925.

Gemco

Particular description of goods.—Shock Absorber for Motor Vehicles.

Claims use since May 1, 1925.

Ser. No. 222,872. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PIERRE CHEMICAL CO., Chicago, Ill. Filed Nov. 5, 1925.



Particular description of goods.—Suppositories for Prevention and Alleviation of Diseases of the Pelvic Organs Peculiar to Women, Venereal Diseases, and Piles.

Claims use since May 18, 1918.

Ser. No. 222,873. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PIERRE CHEMICAL CO., Chicago, Ill. Filed Nov. 5, 1925.

DR. PIERRE CHEM. CO.

The words "Dr. Pierre's" appearing on the drawing are disclaimed apart from the remainder of the mark as shown.

Particular description of goods.—Suppositories for Prevention and Alleviation of Diseases of the Pelvic Organs Peculiar to Women, Venereal Diseases, and Piles.

Claims use since 1895.

Ser. No. 222,876. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. PIERRE CHEMICAL CO., Chicago, Ill. Filed Nov. 5, 1925.

Dr. Pierre's

The words "Dr. Pierre's" appearing on the drawing are disclaimed apart from the remainder of the mark as shown in the drawing.

Particular description of goods.—Suppositories for the Prevention and Alleviation of Diseases of the Pelvic Organs Peculiar to Women, Venereal Diseases, and Piles.

Claims use since Jan. 1, 1895.

Ser. No. 222,889. (CLASS 17. TOBACCO PRODUCTS.) THE TOBACCO REHANDLING CO., LTD., INC., doing business as W. T. Grant & Co., Louisville, Ky. Filed Nov. 5, 1925.

TIGER



Particular description of goods.—Leaf Tobacco.

Claims use since 1890.

Ser. No. 222,905. (CLASS 39. CLOTHING.) WORTH, INC., New York, N. Y. Filed Nov. 5, 1925.

Piccadilly

Particular description of goods.—Ladies', Misses', and Children's Hats; Ladies', Misses', and Children's Leather Shoes; Ladies' Leather and Fabric Gloves and Waists.

Claims use since Oct. 3, 1925.

Ser. No. 222,944. (CLASS 39. CLOTHING.) ROBITSHEK-ROBBINS CO., Minneapolis, Minn. Filed Nov. 6, 1925.

Let'er Buck

Particular description of goods.—Clothing—Namely, Fur Coats for Men, Women, and Children, Such as Sheepskin Coats.

Claims use since on or about Nov. 2, 1925.

Ser. No. 222,996. (CLASS 12. CONSTRUCTION MATERIALS.) H. A. ROGERS CO., Minneapolis, Minn. Filed Nov. 7, 1925.

HARCO

Particular description of goods.—Clay Preparation Used as a Surface Covering.

Claims use since Oct. 1, 1923.

Ser. No. 223,058. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STRATHMORE FRUIT GROWERS ASSOCIATION, Strathmore, Calif. Filed Nov. 9, 1925.

NUGGET

Particular description of goods.—Fresh Citrous Fruit.

Claims use since Aug. 1, 1925.

Ser. No. 223,098. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOSEPH H. LARSON, doing business as Larson Insecticide Company, Detroit, Mich. Filed Nov. 10, 1925.

Fliquits



Particular description of goods.—Insecticides.

Claims use since Nov. 2, 1925.

Ser. No. 223,259. (CLASS 39. CLOTHING.) SELF SERVICE MILLINERY STORES, INC., Woodhaven, N. Y. Filed Nov. 13, 1925.

SELF SERVICE MILLINERY
OUR GOLDEN RULE
QUALITY - STYLE - PRICE
ANY WAY YOU MEASURE IT
STORES INC.

No claim is made to the words "Quality," "Style," "Price," and "Self Service Millinery Stores, Inc." except in the particular manner in which the same is shown on the drawing, applicant reserving any common-law rights thereto.

Particular description of goods.—Ladies' Hats.

Claims use since Apr. 3, 1925.

Ser. No. 223,423. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VALENTIN BLATZ BREWING COMPANY, Milwaukee, Wis. Filed Nov. 16, 1925.

Old Fashioned

Particular description of goods.—Malt Sirup for Food Purposes.

Claims use since Sept. 25, 1925.

Ser. No. 223,548. (CLASS 17. TOBACCO PRODUCTS.) WILLIAM H. RENDALL, doing business as Longbottom Pipe Company, New York, N. Y. Filed Nov. 19, 1925.

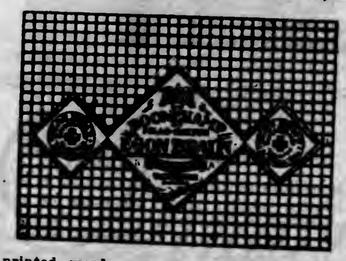
Longbottom

The mark "Longbottom" is a facsimile of the signature of applicant's associate in the Longbottom Trading Company. No claim is made to the name except in the exact form shown in the drawing.

Particular description of goods.—Cigars, Cheroots, Little Cigars, Cigarettes, Leaf Tobacco, Smoking and Chewing Tobacco, and Snuff.

Claims use since Apr. 25, 1924.

Ser. No. 223,693. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) EGON BRAUN AKTIENGESELLSCHAFT, Hamburg, Germany. Filed Nov. 23, 1925.

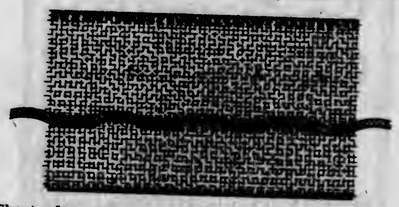


All printed words appearing upon the drawing are disclaimed apart from the other features of the mark.

Particular description of goods.—Brandies, Liquors, Punches, Alcoholic Essences, and Extracts for Making Alcoholic Beverages.

Claims use since 1924.

Ser. No. 223,815. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THOMAS PRODUCTS, INC., Boston, Mass. Filed Nov. 24, 1925.

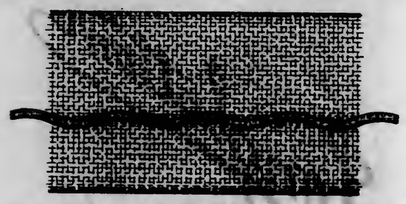


The trade-mark consists in and is applied to the goods by arbitrarily coloring orange the whole or any part of a draw element in the fabric envelope for the absorbent pad. No claim is made to the representation of a portion of a serviette. In the drawing the shading upon the draw element, which latter separably unites the adjoining portions of the fabric, represents the color orange.

Particular description of goods.—Serviettes.

Claims use since on or about Nov. 2, 1925.

Ser. No. 223,816. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THOMAS PRODUCTS, INC., Boston, Mass. Filed Nov. 24, 1925.

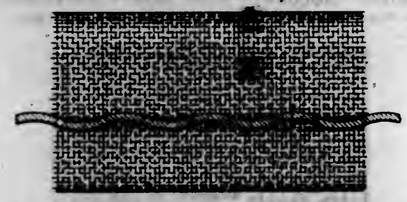


The trade-mark consists in and is applied to the goods by arbitrarily coloring yellow the whole or any part of a draw element in the fabric envelope for the absorbent pad. No claim is made to the representation of a portion of a serviette. In the drawing the shading upon the draw element, which latter separably unites the adjoining portions of the fabric, represents the color yellow.

Particular description of goods.—Serviettes.

Claims use since on or about Nov. 2. 1925.

Ser. No. 223,817. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THOMAS PRODUCTS, INC., Boston, Mass. Filed Nov. 24, 1925.

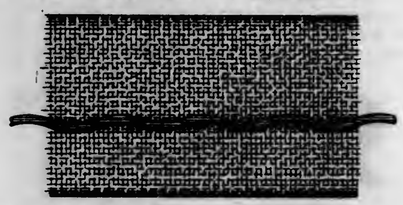


The trade-mark consists in and is applied to the goods by arbitrarily coloring green the whole or any part of a draw element in the fabric envelope for the absorbent pad. No claim is made to the representation of a portion of a serviette. In the drawing the shading upon the draw element, which latter separably unites the adjoining portions of the fabric, represents the color green.

Particular description of goods.—Serviettes.

Claims use since on or about Nov. 2, 1925.

Ser. No. 223,818. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THOMAS PRODUCTS, INC., Boston, Mass. Filed Nov. 24, 1925.

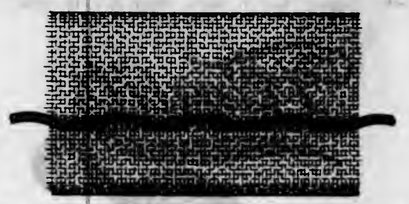


The trade-mark consists in and is applied to the goods by arbitrarily coloring blue the whole or any part of a draw element in the fabric envelope for the absorbent pad. No claim is made to the representation of a portion of a serviette. In the drawing the shading upon the draw element, which latter separably unites the adjoining portions of the fabric, represents the color blue.

Particular description of goods.—Serviettes.

Claims use since on or about Nov. 2, 1925.

Ser. No. 223,819. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THOMAS PRODUCTS, INC., Boston, Mass. Filed Nov. 24, 1925.

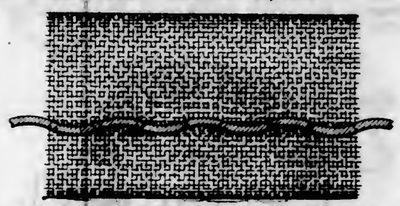


The trade-mark consists in and is applied to the goods by arbitrarily coloring indigo the whole or any part of a draw element in the fabric envelope for the absorbent pad. No claim is made to the representation of a portion of a serviette. In the drawing the shading upon the draw element, which latter separably unites the adjoining portions of the fabric, represents the color indigo.

Particular description of goods.—Serviettes.

Claims use since on or about Nov. 2, 1925.

Ser. No. 223,820. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THOMAS PRODUCTS, INC., Boston, Mass. Filed Nov. 24, 1925.

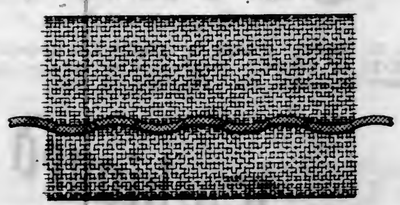


The trade-mark consists in and is applied to the goods by arbitrarily coloring violet the whole or any part of a draw element in the fabric envelope for the absorbent pad. No claim is made to the representation of a portion of a serviette. In the drawing the shading upon the draw element, which latter separably unites the adjoining portions of the fabric, represents the color violet.

Particular description of goods.—Serviettes.

Claims use since on or about Nov. 2, 1925.

Ser. No. 223,821. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THOMAS PRODUCTS, INC., Boston, Mass. Filed Nov. 24, 1925.

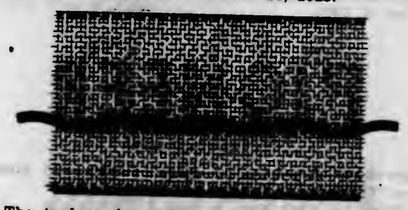


No claim is made to the representation of a portion of a serviette. In the drawing the shading upon the draw element, which latter separably unites the adjoining portions of the fabric, represents the color gray. The trade mark consists in and is applied to the goods by arbitrarily coloring gray the whole or any distinctive part of a draw element in the fabric envelope for the absorbent pad.

Particular description of goods.—Serviettes.

Claims use since on or about Nov. 2, 1925.

Ser. No. 223,822. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THOMAS PRODUCTS, INC., Boston, Mass. Filed Nov. 24, 1925.



The trade-mark consists in arbitrarily coloring black the whole or any part of a draw element in the fabric envelope for the absorbent pad, the fabric being preferably white or other contrasting color. No claim is made to the representation of a portion of a serviette. In the drawing the shading upon the draw element, which latter separately unites the adjoining portions of the fabric, represents the color black.

Particular description of goods.—Serviettes.

Claims use since on or about Nov. 2, 1925.

Ser. No. 223,852. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE GEORGE W. LUFT COMPANY, INC., New York and Long Island City, N. Y. Filed Nov. 25, 1925.

TANGEE

Particular description of goods.—Day Creams, Night Creams, and Cleansing Creams.

Claims use since Oct. 2, 1925.

Ser. No. 223,874. (CLASS 39. CLOTHING.) SMITH, GORMLY CO., INC., Rochester, N. Y. Filed Nov. 25, 1925.

Gralyn

Particular description of goods.—Hosiery for Men, Women, and Children; Underwear for Men, Women, and Children; Sweaters for Men, Women, and Children; Dress and Work Shirts for Men and Children, Pants and Overalls for Men and Children.

Claims use since Oct. 10, 1925.

Ser. No. 224,000. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CEMENT BLOCK MACHINERY COMPANY, Newark, N. J. Filed Nov. 30, 1925.

NATIONAL

Particular description of goods.—Machines for Making Cement Blocks, Concrete Blocks, and Tile Blocks.

Claims use since June 1, 1925.

Ser. No. 224,057. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SEHON, STEVENSON & CO., Huntington, W. Va. Filed Nov. 30, 1925.

CHEVRON

Particular description of goods.—Canned Fruits, Including Cherries, Pineapple, Black Raspberries, Strawberries, Apricots, Peaches, Pears, Blackberries, Apples, Grapes, Grapefruit, Plums, and Red Raspberries; Canned Vegetables—Namely, Beets, Corn, Hominy, Peas, Sauerkraut, Sweet Potatoes, Tomatoes, Spinach, Asparagus, and Pimientos; Evaporated and Dried Beans, Apples, Apricots, Prunes, and Peaches; Peanut Butter; Canned Sea Food, Including Salmon, Sardines, Tunny, and Lobster; Coffee; Food-Flavoring Extracts, Including Vanilla and Lemon; Corn Flakes, Rolled Oats; Alimentary Products, Including Macaroni, Spaghetti, and Noodles; Wheat Flour, Prepared Pancake Flour, Buckwheat Flour, Strained Honey, Apple Butter; Fruit Jellies, Including Crab Apple, Grape, Strawberry, and Peach; Fruit Jams, Including Raspberry, Strawberry, Crab Apple, and Plum; Fruit Preserves, Including Strawberry, Raspberry, and Blackberry; Prepared Mustard, Pickles, Rice, Catchup, Chili Sauce, Allspice, Cinnamon, Ginger, Mustard, Nutmeg, Paprika, Pepper, Sage, Food Starch, Food Sirup, Molasses, Tea, Vinegar, Condensed Milk, Chocolate, Cocoa, Cheese.

Claims use since July 15, 1925.

Ser. No. 224,098. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) I. KOSLOFF AND SONS, New York, N. Y. Filed Dec. 2, 1925.

Blue Danube

Particular description of goods.—Candy.

Claims use since Nov. 7, 1925.

Ser. No. 224,190. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILHELM JENTZSCH, Dresden, Germany. Filed Dec. 3, 1925.



No claim is made to the exclusive use of the words "Sherbet, Effervescent Lemonade Drops. Each piece gives 1 glass of savory effervescent lemonade" apart from the mark shown in the drawing.

Particular description of goods.—Effervescing Lemonade Bonbons.

Claims use since Oct. 18, 1902.

Ser. No. 224,237. (CLASS 2. RECEPTACLES.) COLBS & COMPANY, New York, N. Y. Filed Dec. 4, 1925.

ANCHOR BRAND

No claim is made to the word "Brand" apart from the mark shown.

Particular description of goods.—Berry Boxes, Fruit Boxes, and Vegetable Boxes of Wood.

Claims use since Dec. 1, 1919.

Ser. No. 224,271. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SARAH C. AMTER, Cripple Creek, Colo. Filed Dec. 5, 1925.

S C A
COUGH SYRUP

Relieves Colds, Bronchial Troubles, Whooping Cough, Weak or Congested Lungs
Contains no alcohol, opiates or any harmful ingredients
Delightful to taste. Babies love it
DIRECTIONS
ADULTS: ONE TEASPOONFUL EVERY TWO HOURS
CHILDREN: ONE TEASPOONFUL THREE TIMES A DAY
(Shake well before using)
Sarah C Amter
CRIPPLE CREEK, COLORADO.

No claim is made to the wording which appears on the drawing excepting the letters "S C A" and facsimile signature.

Particular description of goods.—Cough Sirup.

Claims use since March, 1919.

Ser. No. 224,289. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) H. K. MULFORD COMPANY, Philadelphia, Pa. Filed Dec. 5, 1925.

Ivyol

Particular description of goods.—Remedy for Ivy Poison.

Claims use since April, 1924.

Ser. No. 224,292. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) PIONEER RUBBER MILLS, San Francisco, Calif. Filed Dec. 5, 1925.

PIONEER

Particular description of goods.—Garden and Steam Hose, Transmission Belting, and Piston Packing.

Claims use since Sept. 1, 1923.

Ser. No. 224,294. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE RIDGEWAY-BAYLEY DRUG CO. INC., Lima, Ohio. Filed Dec. 5, 1925.

KRO-RAINE
FOR PAIN

The words "For Pain" appearing in the drawing are disclaimed apart from the mark as shown.

Particular description of goods.—Preparation for the Treatment of Sciatica, Colds, La Grippe, Rheumatism, Neuralgia, Earache, Lumbago, Headache, Toothache, and Neuritis.

Claims use since May, 1925.

Ser. No. 224,421. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PEET BROTHERS COMPANY, Kansas City, Kans. Filed Dec. 8, 1925.

LOWTEMP

Particular description of goods.—Radiator Glycerin.

Claims use since Sept. 28, 1925.

Ser. No. 224,423. (CLASS 15. OILS AND GREASES.) PIERCE PETROLEUM CORPORATION, Wilmington, Del., and St. Louis, Mo. Filed Dec. 8, 1925.

PENNANT

Particular description of goods.—Lubricating Oils and Greases and Gasoline.

Claims use since Dec. 4, 1924, and by its predecessors upon similar goods in substantially the same form since on or about Nov. 1, 1909.

Ser. No. 224,437. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VASCO PRODUCTS INCORPORATED, Washington, D. C. Filed Dec. 8, 1925.

ICE-GLO
The Cream of Creams

No claim is made to the exclusive right to the use of the words "The Cream of Creams" apart from the mark shown on the drawing.

Particular description of goods.—Toilet Preparation.

Claims use since Oct. 15, 1924.

Ser. No. 224,442. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE AKTINOL LABORATORIES, INC., Chicago, Ill. Filed Dec. 9, 1925.

AKTINOL

Particular description of goods.—General Tonic.

Claims use since May 27, 1925.

Ser. No. 224,450. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHARLES W. DEES, Ellensberg, Wash. Filed Dec. 9, 1925.

Dees

The trade-mark consists of a facsimile of applicant's signature.

Particular description of goods.—Antiseptic Liquid Court Plaster.

Claims use since July 20, 1925.

Ser. No. 224,456. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) J. C. HAARTS CO., New Haven, Conn. Filed Dec. 9, 1925.

DURO
GLOSS

No claim is made to the word "Gloss" apart from the mark shown on the drawing.

Particular description of goods.—Waterproof Fabric.

Claims use since May 7, 1925.

Ser. No. 224,522. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MAYNARD & CHILD, New York, N. Y. Filed Dec. 10, 1925.

MAYCHILD
BRAND
HOOD RIVER DISTRICT
Export
Domestic
FANCY
OREGON APPLES
PACKED FOR MAYNARD & CHILD
DISTRIBUTORS U. S. A.
NEW YORK
PORTLAND, ORE.
BOSTON

All the wording which appears on the drawing except the word "Maychild" is disclaimed except in association with the mark as it appears on the drawing.

Particular description of goods.—Apples.

Claims use since Sept. 1, 1925.

Ser. No. 224,525. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NEVE'S INCORPORATED, Los Angeles, Calif. Filed Dec. 10, 1925.

Melody Lane

Particular description of goods.—Chocolates in Bulk and Packages, Chocolate Creams, Chocolate Marshmallows, Chocolate Fruit Centers, Chocolate Nut Centers, Chocolate Bars, Chocolate Cream Bars, Chocolate Mints, Chocolate Nut Bars, Cake Chocolate, Chocolate Nougats, Chocolate Hard Centers, Chocolate Soft Centers, Chocolate Buttons, Chocolate Butterscotch, Chocolate Cocoanut Centers, Chocolate Dipped Candy, Chocolate Molasses Candy, Opera Sticks, Lozenges, Gum Drops, Pan Confections, Nut Bars, Cream Fruit Bars, Stick Candy, Butterscotch, Nut Candy, Bonbons Bulk and in Packages, Bonbons Cream Centers, Bonbons Nut Centers, Nut Cakes, Cream Taffies, Molasses Taffy, Nut Taffy, Jordan Almonds, Hard Candy in Bulk and Packages, Maple-Sugar Candy, Maraschino Cherries, Caramels, Fruit Drops, Licorice Sticks, Molasses Candy, Conserved and Crystallized Fruit, Dates and Figs in Packages, Crystallized Violet and Rose Petals, Salted Nuts in Bulk and Packages, Shelled Unsalted Nuts in Bulk and Packages.

Claims use since Feb. 1, 1925.

Ser. No. 224,526. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PARAGON LABORATORIES, INC., Newark, N. J. Filed Dec. 10, 1925.

Paragon

Particular description of goods.—Hair Colorings, Hair Tints, and Hair Dyes.
Claims use since 1920.

Ser. No. 224,551. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE DON-O-LAC CO. INC., Rochester, N. Y. Filed Dec. 11, 1925.

DONO-CEDAR

Every Drawer a Cedar Chest

No registration rights are claimed for the words "Every Drawer a Cedar Chest," and applicant waives none of its common-law rights in said mark or any feature thereof.
Particular description of goods.—Varnishlike Liquid for Cedarizing Wood.
Claims use since Oct. 14, 1924.

Ser. No. 224,561. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ETHEL M. HATHERLEY, Chicago, Ill. Filed Dec. 11, 1925.

Hatherley's LEMONA

No claim is made to the name "Hatherley's" apart from the mark shown in the drawing.
Particular description of goods.—Flavoring Filling for Cakes and Desserts.
Claims use since Oct. 1, 1925.

Ser. No. 224,569. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARI TRUDEAU CO., St. Paul, Minn. Filed Dec. 11, 1925.

Mari Trudeau

The mark shown on the drawing consists of a facsimile signature in the handwriting of Joseph H. Ostedt, a member of the applicant firm. No claim is made to the mere name apart from the manner written.
Particular description of goods.—Perfumes, Toilet Water, Hair Tonics, Vanishing Cream, Beauty Powder, Complexion Powder, Lilac Vegetale, After-Shaving Lotion, Astringents, Crème Balm, Bath Salts, Deodorants, Nail Polish, Cuticle Preparations, Shampoo, Hair Oil, Dandruff Remover, Brilliantine.
Claims use since May 6, 1925.

Ser. No. 224,583. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TRU-BLU BISCUIT COMPANY, Spokane, Wis. Filed Dec. 11, 1925.

Krause's SLYCE-RYCE

No registration rights are claimed in the surname "Krause" except in association with the other features of the mark, all common-law rights, however, being expressly reserved.
Particular description of goods.—Candy.
Claims use since Sept. 30, 1925.

Ser. No. 224,586. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) MANFRED WAHL, Philadelphia, Pa. Filed Dec. 11, 1925.

ALCOLESS-ALEATED

Particular description of goods.—Pure Culture or Ferment Employed in the Production of Cereal Beverages which are Either Nonalcoholic or Contain Less Than One-Half of One Per Cent of Alcohol, by Volume.
Claims use since early part of September, 1925.

Ser. No. 224,587. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BALLARD & BALLARD CO., Louisville, Ky. Filed Dec. 12, 1925.

BALLARD'S BLUE GRASS

Particular description of goods.—Wheat Flour—Namely, Self-Rising Flour.
Claims use since April, 1889.

Ser. No. 224,588. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BALLARD & BALLARD CO., Louisville, Ky. Filed Dec. 12, 1925.

BALLARD'S BLUE GRASS

Particular description of goods.—Wheat Flour.
Claims use since April, 1889.

Ser. No. 224,589. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BALLARD & BALLARD CO., Louisville, Ky. Filed Dec. 12, 1925.

BALLARD'S BLUE BIRD

Particular description of goods.—Wheat Flour.
Claims use since September, 1887.

Ser. No. 224,590. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BALLARD & BALLARD CO., Louisville, Ky. Filed Dec. 12, 1925.

BALLARD'S WATERLOO

Particular description of goods.—Wheat Flour.
Claims use since February, 1882.

Ser. No. 224,591. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BALLARD & BALLARD CO., Louisville, Ky. Filed Dec. 12, 1925.



Particular description of goods.—Wheat Flour.
Claims use since September, 1880.

Ser. No. 224,592. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BALLARD & BALLARD CO., Louisville, Ky. Filed Dec. 12, 1925.



Particular description of goods.—Wheat Flour—Namely, Self-Rising Flour.
Claims use since Apr. 6, 1897.

Ser. No. 224,597. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE CREOLIN CO., Rahway, N. J. Filed Dec. 12, 1925.



The lining of the drawing is intended to denote the color red. All wording appearing on the drawing with the exception of the words "Creolina," "Creolina-Pearson," the facsimile signature of "William Pearson," and the facsimile signature of "Merck & Co." is disclaimed apart from the mark as shown.
Particular description of goods.—Disinfectants, Deodorants, and Germicides.
Claims use since June 28, 1924.

Ser. No. 224,662. (CLASS 45. BEVERAGES, NONALCOHOLIC.) ITALIAN-SWISS COLONY, San Francisco, Calif. Filed Dec. 14, 1925.

ASTI COLONY

Particular description of goods.—Grape Juice.
Claims use since Nov. 18, 1925.

Ser. No. 224,663. (CLASS 39. CLOTHING.) IVY CORSET COMPANY, Worcester, Mass. Filed Dec. 14, 1925.



Particular description of goods.—Hosiery.
Claims use since Nov. 20, 1925.

Ser. No. 224,689. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALDERNEY DAIRY COMPANY, Newark, N. J. Filed Dec. 15, 1925.



The wording with the exception of the letter "A" and the representation of a milk-bottle is disclaimed apart from the mark as shown.
Particular description of goods.—Butter and Cheese.
Claims use since May 1, 1917.

Ser. No. 224,704. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOSEPH GROSSMAN, doing business as Kasdum Company, Steubenville, Ohio. Filed Dec. 15, 1925.



All wording with the exception of the monogram is disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Scratch Food for Poultry.
Claims use since Oct. 5, 1925.

Ser. No. 224,715. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) JAMES A. MCCORMACK, New York, N. Y. Filed Dec. 15, 1925.

HIRSUTUS

Particular description of goods.—Hairbrushes.
Claims use since July, 1920.

Ser. No. 224,730. (CLASS 45. BEVERAGES, NONALCOHOLIC.) SCHWEICKERT & BAAS, INC., Brooklyn, N. Y. Filed Dec. 15, 1925.



The name "Baas" is disclaimed apart from the other features of the mark.
Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks—viz, Ginger Ale, Cream Soda, Sarsaparilla, Celery Soda, Chocolate Soda, and Various Fruit Flavors.
Claims use since October, 1915.

Ser. No. 224,870. (CLASS 15. OILS AND GREASES.) SAMUEL R. HARRISON, Bel Air, Md. Filed Dec. 18, 1925.

HAROLENE

Particular description of goods.—Lubricating Greases, Lubricating and Fuel Oils, and Liquid Motor Fuels.
Claims use since Oct. 15, 1924.

Ser. No. 224,872. (CLASS 39. CLOTHING.) CHAS. A. KUPFERMAN CO., doing business as Undasilks Company, New York, N. Y. Filed Dec. 18, 1925.

UNDASILKS

Particular description of goods.—Ladies' Textile-Fabric Underwear and One, Two, and Three Piece Garments.
Claims use since Dec. 1, 1925.

Ser. No. 224,879. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) MORRIS NOODELMAN, doing business as Pioneer Paper Stock Company, Minneapolis, Minn. Filed Dec. 18, 1925.

SANIWYPE

Particular description of goods.—Wiping Cloths and Cloth Dusters.
Claims use since Dec. 1, 1924.

Ser. No. 224,926. (CLASS 39. CLOTHING.) PECKHAM-FORDMAN INC., New York, N. Y. Filed Dec. 19, 1925.

"travelo"
SWIM SUIT

No claim is made to the words "Swim Suit" apart from the mark shown.

Particular description of goods.—Bathing Suits for Men, Women, Boys, Misses, and Children, Both One Piece and Two Piece; Juvenile Bathing Suits, Bathing Shirts, Trunks, Support Shirts, and Bathing Trousers Made of Flannel.

Claims use since Nov. 16, 1925.

Ser. No. 224,931. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) ROSEN & JACOBY, New York, N. Y. Filed Dec. 19, 1925.



Particular description of goods.—Doll Wigs.

Claims use since Dec. 7, 1925.

Ser. No. 224,988. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) RIEFLING AUTOMOBILE COMPANY, St. Louis, Mo. Filed Dec. 21, 1925.

RIEFLING FORDS

No claim is made to the exclusive use of the word "Fords" apart from the mark shown on the drawing.

Particular description of goods.—Automobiles.

Claims use since Apr. 15, 1917.

Ser. No. 224,997. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) TEX-A-TONE CHEMICAL COMPANY, Texarkana, Tex. Filed Dec. 21, 1925.



The drawing is lined for blue, no claim being made for the word "Compound" apart from the mark shown.

Particular description of goods.—Medicines for Use in Kidney and Bladder Ailments.

Claims use since Nov. 16, 1925.

Ser. No. 225,006. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) DEMPSTER MILL MANUFACTURING COMPANY, Beatrice, Nebr. Filed Dec. 22, 1925.

ANNU-OILED

Without waiving statutory and common-law rights "Oiled" is disclaimed apart from the mark shown.

Particular description of goods.—Windmills and Repair and Replacement Parts Therefor.

Claims use since Oct. 15, 1925.

Ser. No. 225,024. (CLASS 39. CLOTHING.) ROBERT C. MELVIN, San Francisco, Calif. Filed Dec. 22, 1925.



Applicant hereby disclaims the representation of the bib apart from the mark shown.

Particular description of goods.—Baby's Bib.

Claims use since Nov. 7, 1925.

Ser. No. 225,027. (CLASS 2. RECEPTACLES.) NEW YORK CORRUGATED CASE CO., INC., Brooklyn, N. Y. Filed Dec. 22, 1925.

RADI-O-PAK

Particular description of goods.—Pasteboard Shipping Containers Having Corrugated Air-Cushion Pads.

Claims use since Nov. 10, 1925.

Ser. No. 225,101. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) AUBURN BUTTON WORKS INCORPORATED, Auburn, N. Y. Filed Dec. 24, 1925.

CANOTEX

Particular description of goods.—Buttons Molded from Phenolic Compounds.

Claims use since Apr. 1, 1925.

Ser. No. 225,131. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) NEW ENGLAND BREWING CO., doing business as Haffenreffer & Co., Boston, Mass. Filed Dec. 24, 1925. Under ten-year proviso.

Haffenreffer & Co.

Particular description of goods.—Cereal Malt Beverage.

Claims use since 1890 to January, 1920, to cereal malt beverages containing more than one-half of one per cent of alcohol and since January, 1920, to cereal malt beverages containing less than one-half of one per cent of alcohol.

Ser. No. 225,182. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE FEROLENE SALES CO., Kansas City, Mo. Filed Dec. 26, 1925.

FEROLENE

Particular description of goods.—Preparations for Cleaning and Lubricating Ferrotype Tins so That Glossy Prints on Being Dried Will Not Stick so Tightly as to Become Damaged While Being Removed from Said Ferrotype Tins.

Claims use since Oct. 2, 1925.

Ser. No. 225,203. (CLASS 45. BEVERAGES, NONALCOHOLIC.) RICHARDSON CORPORATION, Rochester, N. Y. Filed Dec. 26, 1925.



The portrait is that of Alexander F. Frank; permission granted.

Particular description of goods.—Root-Beer Sirup and Root Beer Made from Such Sirup.

Claims use since Oct. 15, 1925.

Ser. No. 225,204. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SYDNEY SMITHLINE, doing business as The Three 3 Indians Herb-Gardens, New York, N. Y. Filed Dec. 26, 1925.



No claim is made to the exclusive use of the words "East-Indian," "West-Indian," and "American-Indian" apart from the mark shown on the drawing.

Particular description of goods.—Herb Remedies in Tablet and Liquid Form for the Relief of Gas Indigestion, Liver Complaints, Loss of Appetite; Disorders of the Kidneys, Bladder, and Stomach; Rheumatism, Vertigo, Lumbago, Biliousness, Sciatica, Coughs, Colds, Eczema, Systemic Disorders Requiring General Tonic or Building Tonic, Tonic for Nerves, Female Complaints, Obesity, Special Treatment for Men, Tapeworms, Impurities of the Human System, Fevers, Chills, Shortness of Breath, Anemia, Loss of Strength, Loss of Weight, Diseases Incident to Children, Special Treatment for Women, Liniment for External Use.

Claims use since about December, 1924.

Ser. No. 225,328. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VAN VLEET-MANSFIELD DRUG CO., Memphis, Tenn. Filed Dec. 30, 1925.



No claim is made to the use of the words "Sweet's Vermifuge with Honey" apart from the trade-mark shown on the drawing, applicant reserving all common-law rights thereto as displayed.

Particular description of goods.—Vermifuge.

Claims use since 1887.

Ser. No. 225,329. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VAN VLEET-MANSFIELD DRUG CO., Memphis, Tenn. Filed Dec. 30, 1925.



No claim is made to the use of the words "Mansfield's Arnica Liniment" apart from the trade-mark shown on the drawing, applicant reserving all common-law rights thereto as displayed.

Particular description of goods.—Arnica Liniment.

Claims use since 1860.

Ser. No. 225,330. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VAN VLEET-MANSFIELD DRUG CO., Memphis, Tenn. Filed Dec. 30, 1925.



No claim is made to the use of the words "For Women" or "We Sell the Best" apart from the mark shown on the drawing, applicant reserving all common-law rights thereto as displayed.

Particular description of goods.—Femenina, a Medicinal Preparation for Female Ailments.

Claims use since 1898.

Ser. No. 225,332. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VAN VLEET-MANSFIELD DRUG CO., Memphis, Tenn. Filed Dec. 30, 1925.



No claim is made to the use of the words "Mansfield's Mississippi Diarrhoea Cordial" apart from the trade-mark shown on the drawing, applicant reserving all common-law rights thereto as displayed.

Particular description of goods.—Cordial for Use for Cholera Morbus, Diarrhea, Colic, and Looseness of the Bowels.

Claims use since 1848.

Ser. No. 225,340. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Dec. 31, 1925.

Travella

Particular description of goods.—Baggage, Particularly Valises, Satchels, and Bags.

Claims use since Dec. 18, 1925.

Ser. No. 225,377. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NU-LAX MFG. CO., New York, N. Y. Filed Dec. 31, 1925.



Applicant disclaims the words "Delicious Gum Drop Laxative" other than in the association shown.

Particular description of goods.—Laxative Gumdrops.

Claims use since Dec. 19, 1925.

Ser. No. 225,379. (CLASS 39. CLOTHING.) PHILADELPHIA KNITTING MILLS COMPANY, Philadelphia, Pa. Filed Dec. 31, 1925.



Particular description of goods.—Hosiery.

Claims use since May 5, 1922.

Ser. No. 225,392. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BENJAMIN ALEXANDER, New York, N. Y. Filed Jan. 2, 1926.



No claim is made to the word "Zandro's" apart from the mark shown in the drawing.

Particular description of goods.—Incense Powder, and Scented Powder for the Bath and Body.

Claims use since December, 1923.

Ser. No. 225,424. (CLASS 39. CLOTHING.) HERCULES KNITTING CO., INC., New York, N. Y. Filed Jan. 2, 1926.



The words "Swimming Suit" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Bathing Suits.

Claims use since July 1, 1925.

Ser. No. 225,427. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LECARON FILS, doing business as Parfumerie Gelle Freres, Paris, France. Filed Jan. 2, 1926.

NYTHIS

Particular description of goods.—Perfumes, Toilet Waters, Face Creams, Rouges, Sachet Powder, Bath Salts, Brilliantine, Lotions, Dentifrices.

Claims use since May 26, 1925.

Ser. No. 225,428. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LE JOLIE MAIN, INC., New York, N. Y. Filed Jan. 2, 1926.

Joliemain

Particular description of goods.—Nail Polishes, Perfumes, Face Powders, Talcum Powders.

Claims use since July 7, 1920.

Ser. No. 225,449. (CLASS 17. TOBACCO PRODUCTS.) RYAN-HAMPTON TOBACCO CO., Louisville, Ky. Filed Jan. 2, 1926.



The circle surrounding the mark forms no part thereof.
Particular description of goods.—Chewing Tobacco.
Claims use since Sept. 21, 1925.

Ser. No. 225,450. (CLASS 17. TOBACCO PRODUCTS.) RYAN-HAMPTON TOBACCO CO., Louisville, Ky. Filed Jan. 2, 1926.



The mark is lined for green. The circle surrounding the mark forms no part thereof. No claim is made to the circular tag. The word "Kentucky" is disclaimed apart from the mark shown.
Particular description of goods.—Chewing Tobacco.
Claims use since January, 1903.

Ser. No. 225,451. (CLASS 17. TOBACCO PRODUCTS.) RYAN-HAMPTON TOBACCO CO., Louisville, Ky. Filed Jan. 2, 1926.



No claim is made to the word "Shepherd" except in association with the head of a shepherd dog as shown. The word "Twist" is disclaimed also. The circle surrounding the design forms no part of the mark sought.
Particular description of goods.—Chewing Tobacco.
Claims use since January, 1903.

Ser. No. 225,453. (CLASS 39. CLOTHING.) THE THOS. P. TAYLOR CO., Bridgeport, Conn. Filed Jan. 2, 1926.

SECURITY

Particular description of goods.—Corset Waists, Pyjamas, Rompers, Union Suits (Not Knitted), Blouses, and Bloomers of the Underwear Type.
Claims use since January, 1919.

Ser. No. 225,456. (CLASS 39. CLOTHING.) VAN RAALTE CO. INC., New York, N. Y. Filed Jan. 2, 1926.

Singlette

Particular description of goods.—Combination Undergarments of Knitted Silk Fabric.
Claims use since Dec. 18, 1925.

Ser. No. 225,493. (CLASS 39. CLOTHING.) STATE TEXTILE CORPORATION, New York, N. Y. Filed Jan. 4, 1926.

"BUY AND REPEAT"

Particular description of goods.—Hosiery.
Claims use since Dec. 1, 1923.

Ser. No. 225,522. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) Dr. M. POMARET, Paris, France. Filed Jan. 5, 1926.

SIGMARGYL

Particular description of goods.—Pharmaceutical Product Adapted for the Treatment of Syphilis.
Claims use since Mar. 31, 1925.

Ser. No. 225,551. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILLIAM CHASE & CO., Greenville, Mich. Filed Jan. 6, 1926.



Particular description of goods.—Potatoes in Their Natural State.
Claims use since Sept. 1, 1925.

Ser. No. 225,563. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) HERMANN LOEWENSTEIN, New York, N. Y. Filed Jan. 6, 1926.



Particular description of goods.—Finished Goatskins, Calfskins, and Cowhide.
Claims use since Dec. 15, 1925.

Ser. No. 225,565. (CLASS 39. CLOTHING.) R. H. MACY & CO., INC., New York, N. Y. Filed Jan. 6, 1926.

VICEROY
JUNIOR

Particular description of goods.—Boys' Suits, Overcoats, Bath Robes, and Lounging Robes.
Claims use since Sept. 12, 1923.

Ser. No. 225,572. (CLASS 38. PRINTS AND PUBLICATIONS.) NEW ENGLAND NEWSPAPER PUBLISHING COMPANY, Boston, Mass. Filed Jan. 6, 1926.

Priscilla Price

"Priscilla Price" (nom de plume).
Particular description of goods.—Newspaper Articles which Appear from Time to Time.
Claims use since Jan. 2, 1924.

Ser. No. 225,612. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LIBBY, MCNEILL & LIBBY, Chicago, Ill. Filed Jan. 7, 1926.

Meat-wich Spread

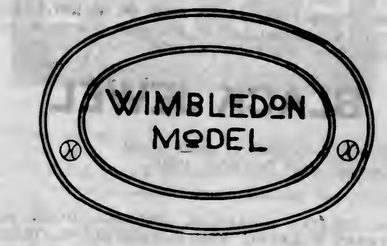
Applicant disclaims exclusive rights to the word "Spread" apart from the other features of the mark.
Particular description of goods.—Canned Comminuted Meats, Sandwich Spread, and Comminuted Form of Food Products Prepared from Meats Flavored with Vegetables and Spices.
Claims use since Dec. 8, 1925.

Ser. No. 225,614. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) LION MATCH CO., INC., New York, N. Y. Filed Jan. 7, 1926.

LEOPARD

Particular description of goods.—Matches — Namely, Safety Matches.
Claims use since Dec. 10, 1925.

Ser. No. 225,619. (CLASS 39. CLOTHING.) SAKS & COMPANY, New York, N. Y. Filed Jan. 7, 1926.



No claim is made to the word "Model" except as used in conjunction with the other features of the mark.
Particular description of goods.—Tennis Shoes Made of Fabric and Rubber.
Claims use since Sept. 1, 1925.

Ser. No. 225,624. (CLASS 12. CONSTRUCTION MATERIALS.) THE SYRA-BORD RUBBER FLOORING CORPORATION, Syracuse, N. Y. Filed Jan. 7, 1926.

Syra-Bord

Particular description of goods.—Rubber Flooring.
Claims use since May 18, 1925.

Ser. No. 225,637. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MAURICE BABANI, Paris, France. Filed Jan. 8, 1926.

Mon Amie Elizabeth BABANI

No claim is made to the words "Elizabeth Babani" apart from the mark shown.
Particular description of goods.—Perfumes, Toilet Water, Face Powder, Talcum Powder, Rouges, Brilliantine, Lotion for the Skin and Hair, Face Cream, Bath Salts, Dentifrices.
Claims use since Nov. 25, 1925.

Ser. No. 225,661. (CLASS 39. CLOTHING.) JAMES BRANCH & SONS, LIMITED, London, England. Filed Jan. 8, 1926.

Applicant disclaims any right to the exclusive use of the words "Anglo" and "French."

Particular description of goods.—Boots, Shoes, and Slippers Made Wholly or in Part of Leather, Rubber, or Fabric.

Claims use since Nov. 30, 1918.

Ser. No. 225,669. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) F. S. MARTIN & COMPANY, Omaha, Nebr. Filed Jan. 8, 1926.

BLACK JEWEL

Particular description of goods.—Coal.

Claims use since December, 1920.

Ser. No. 225,671. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) EARLE B. MELRATH, doing business as Melrath Supply and Gasket Company, Philadelphia, Pa. Filed Jan. 8, 1926.

MELOIL

Particular description of goods.—Sheet Water and Oil Packing and Gaskets Made Therefrom.

Claims use since June 1, 1924.

Ser. No. 225,674. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE PITTSBURG AND MIDWAY COAL MINING COMPANY, Kansas City, Mo. Filed Jan. 8, 1926.



The exclusive use of the words "Smokeless," "Blue Flame," "Sootless," "Intense Heat," and "Anthracite" is disclaimed except in connection with the mark as shown.

Particular description of goods.—Coal.

Claims use since September, 1924.

Ser. No. 225,685. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) ST. PIERRE CHAIN CORPORATION, Worcester, Mass. Filed Jan. 8, 1926.



Trade-mark consists in providing the hooks at the end of the cross chains in a brass or bronze color and the intermediate links all of nickel color. In the drawing the clear parts indicate a nickel color and the shading indicates a brass or bronze color.

Particular description of goods.—Cross Chains for Automobile Tires.

Claims use since Nov. 1, 1924.

Ser. No. 225,701. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. WM. CAIN COMPANY, Bay St. Louis, Miss. Filed Jan. 9, 1926.



The portrait appearing in the drawing is that of Dr. William Cain.

Particular description of goods.—Veterinary Remedy for the Treatment of Texas or Tick Fever.

Claims use since Dec. 19, 1925.

Ser. No. 225,712. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALBERT M. GUGENHEIM, doing business as Baronet Extract and Distributing Co., Baronet Co., and Baronet Distributing Co., Cincinnati, Ohio. Filed Jan. 9, 1926.

BARONET

WONDER-RUB

No claim is made to the word "Rub" apart from the mark shown in the drawing; but the applicant relinquishes none of his common-law rights by this disclaimer.

Particular description of goods.—Rubbing Alcohol.

Claims use since July, 1921.

Ser. No. 225,714. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN D. HOOD, doing business as Hood's Herb Remedies, Bayonne, N. J. Filed Jan. 9, 1926.

HOOD'S

FOOD-A-GREE

The word "Hood's" is disclaimed separate and apart from the mark shown in the drawing without prejudicing the common-law right of the proprietor of the trade-mark.

Particular description of goods.—Preparation for the Treatment of Indigestion, Pains After Eating, Bloating, Heartburn, Gastric Affections, Sour Stomach, and Intestinal Affections.

Claims use since May, 1916.

Ser. No. 225,717. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) INTERNATIONAL PULP CO., New York, N. Y. Filed Jan. 9, 1926.



Particular description of goods.—Pulverized Minerals—viz, Ground, Pulverized, Powdered, and Prepared Talc.

Claims use since Dec. 1, 1886.

Ser. No. 225,755. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) AMERICAN AUTO SUPPLY CO., Memphis, Tenn. Filed Jan. 11, 1926.



Without waiver of any of applicant's common-law rights the words "Patch," "Worlds Best Patch," and "Laminated Patch" are disclaimed apart from the mark shown. The lining in the drawing is for the purpose of shading only.

Particular description of goods.—Tire Patches.

Claims use since Jan. 1, 1923.

Ser. No. 225,801. (CLASS 43. THREAD AND YARN.) ALBERT J. PFEIFFER, INC., New York, N. Y. Filed Jan. 11, 1926.

PERFECTION RAYON

Without relinquishing or forfeiting any of its common-law rights and solely for the purpose of trade-mark registration applicant disclaims the right to the exclusive use of the words "Perfection Rayon" apart from the mark shown on the drawing.

Particular description of goods.—Silk Yarns and Yarns of Silk and Rayon Mixture.

Claims use since Nov. 28, 1925.

Ser. No. 225,833. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) H. A. METZ & CO., INC., New York, N. Y. Filed Jan. 12, 1926.

ETONAL

Particular description of goods.—Solvents for Cellulose Esters.

Claims use since about Dec. 28, 1925.

Ser. No. 225,853. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WEST SALEM CANNING COMPANY, West Salem, Wis. Filed Jan. 12, 1926.

LITTLE WAITER

Particular description of goods.—Canned Vegetables.
Claims use since May 3, 1916.

Ser. No. 225,887. (CLASS 38. PRINTS AND PUBLICATIONS.) NEWARK NEWSDEALERS SUPPLY CO., INCORPORATED, Newark, N. J. Filed Jan. 13, 1926.

NEWSPAPER CARRIER BOY

Particular description of goods.—Annual Magazine.
Claims use since Nov. 20, 1925.

Ser. No. 225,898. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VAN PELT & BROWN, Richmond, Va. Filed Jan. 13, 1926.

AGAR-MUL B.

No claim is made to the word "Agar" apart from the mark shown in the drawing.
Particular description of goods.—Medicine for Use in the Treatment of Constipation.
Claims use since Jan. 5, 1926.

Ser. No. 225,915. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANIELA DYGAS, Chicago, Ill. Filed Jan. 14, 1926.



Miss A. Dygas

The trade-mark consists of a facsimile of applicant's portrait and signature.
Particular description of goods.—Medicine for Rheumatism, Chronic and Acute, and Rheumatic Pains.
Claims use since Nov. 18, 1925.

Ser. No. 225,920. (CLASS 2. RECEPTACLES.) HANDIPAK COMPANY, INC., New York, N. Y. Filed Jan. 14, 1926.

HANDIPAK

Particular description of goods.—Cigarette Boxes or Cartons.
Claims use since Aug. 1, 1925.

Ser. No. 225,954. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DONAHOE'S INC., Pittsburgh, Pa. Filed Jan. 15, 1926.

FIFTH AVENUE

Particular description of goods.—Canned Vegetables, Such as Peas, Corn, Tomatoes, Etc.; Canned Oysters, and Eggs Sold in Boxes.
Claims use since June 17, 1923.

Ser. No. 226,003. (CLASS 38. PRINTS AND PUBLICATIONS.) ILLINOIS STATE JOURNAL, Springfield, Ill. Filed Jan. 16, 1926.

Illinois State Journal.

Trade-Mark "Illinois State Journal."
Particular description of goods.—Daily Newspaper.
Claims use since Aug. 13, 1855.

Ser. No. 226,004. (CLASS 2. RECEPTACLES.) INTERNATIONAL BUYER'S SERVICE INC., New York, N. Y. Filed Jan. 16, 1926.

INSIGHT

Particular description of goods.—Tubular Metallic Cases for Receiving Rolled Cards.
Claims use since Dec. 19, 1925.

Ser. No. 226,019. (CLASS 39. CLOTHING.) POSNER HOSIERY, INC., New York, N. Y. Filed Jan. 16, 1926.

Suvburd



Particular description of goods.—Juvenile Wear and Hosiery.
Claims use since Jan. 7, 1926.

Ser. No. 226,025. (CLASS 39. CLOTHING.) ED. SCHUSTER & CO. INC., Milwaukee, Wis. Filed Jan. 16, 1926.

Fashionter

Particular description of goods.—Silk, Lisle, Cotton, and Wool Hosiery for Men, Women, and Children.
Claims use since Aug. 20, 1925.

Ser. No. 226,028. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) THE STELOS COMPANY, INC., Washington, D. C. Filed Jan. 16, 1926.

STELOS

Particular description of goods.—Needles for Repair Work (by Hand).
Claims use since Feb. 20, 1923.

Ser. No. 226,047. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) COLGATE & COMPANY, Jersey City, N. J. Filed Jan. 18, 1926.



Particular description of goods.—Perfumes, Perfumed Powders, and Toilet Water.
Claims use since July 1, 1925.

Ser. No. 226,051. (CLASS 39. CLOTHING.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Jan. 18, 1926.

Playfield

Particular description of goods.—Children's Nainsook Union Suits.
Claims use since Dec. 3, 1925.

Ser. No. 226,091. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE BEJEM CORPORATION, New York, N. Y. Filed Jan. 19, 1926.

BEJEM

Particular description of goods.—Food Preparation Containing Fish Albumen and Extract of Malt.
Claims use since June, 1925.

Ser. No. 226,096. (CLASS 38. PRINTS AND PUBLICATIONS.) CHARACTER STUDIES, INC., New York, N. Y. Filed Jan. 19, 1926.

WESTERN LOVE STORIES

Particular description of goods.—Magazines Issued Quarterly.
Claims use since Jan. 15, 1926.

Ser. No. 226,104. (CLASS 39. CLOTHING.) I. JANOV & COMPANY, Haselton, Pa. Filed Jan. 19, 1926.

BELNORD

Particular description of goods.—Dress, Negligee, and Work Shirts.
Claims use since Dec. 1, 1925.

Ser. No. 226,140. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ED. HAMBLIN JR., Woodward, Okla. Filed Jan. 20, 1926.

KORNER KURE

Particular description of goods.—A Preparation for Use in the Treatment of Rail Cloth of Pool Tables.
Claims use since Sept. 20, 1925.

Ser. No. 226,151. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MEYER KOMINSKY, doing business as Preston Co., New York, N. Y. Filed Jan. 20, 1926.



Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Perfumes, Incense, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, Talcum Powders, Eyebrow Pencils, Lip Sticks, Lip Pomades, and Sachets.
Claims use since Nov. 25, 1925.

Ser. No. 226,179. (CLASS 39. CLOTHING.) CYRUS M. WALKER, Kansas City, Mo. Filed Jan. 20, 1926.

SNUBBER

Particular description of goods.—Men's Textile-Fabric Union Suits and Underwear.
Claims use since Sept. 15, 1924.

Ser. No. 226,211. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ERNEST A. RIEGER, New York, N. Y. Filed Jan. 21, 1926.

LUSTORIENT

Particular description of goods.—Silk Piece Goods.
Claims use since Dec. 1, 1925.

Ser. No. 226,219. (CLASS 38. PRINTS AND PUBLICATIONS.) AMERICAN NATURE ASSOCIATION, Washington, D. C. Filed Jan. 22, 1926.

NATURE

Particular description of goods.—Monthly Magazine.
Claims use since January, 1922.

Ser. No. 226,220. (CLASS 39. CLOTHING.) CLUETT, PEABODY & CO., INC., Troy, N. Y. Filed Jan. 22, 1926.

ARNO

Particular description of goods.—Dress and Negligee Shirts.
Claims use since Jan. 7, 1926.

Ser. No. 226,232. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARTIN W. COOKEROW, doing business as Quaker Maid Products Company, Washington, D. C. Filed Jan. 22, 1926.

JUST SPRAY Miracle LIQUID

No claim is made to the words "Just," "Spray," and "Liquid" nor to the heavy black line appearing in the drawing as being a part of trade-mark.
Particular description of goods.—Insecticide, Disinfectant, and Deodorant.
Claims use since Dec. 1, 1925.

Ser. No. 226,269. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILSON-SPEAR CO., Los Angeles, Calif. Filed Jan. 22, 1926.



Particular description of goods.—Boiler Composition to Prevent Deleterious Action of Waters When Used in Steam Boilers.
Claims use since Dec. 5, 1925.

Ser. No. 226,291. (CLASS 38. PRINTS AND PUBLICATIONS.) LAFAYETTE-SOUTH SIDE BANK OF ST. LOUIS, St. Louis, Mo. Filed Jan. 23, 1926.

SATURDAY NIGHT SAVER

Trade-mark "Saturday Night Saver."
Particular description of goods.—Periodical Publication and Magazine.
Claims use since Jan. 2, 1926.

Ser. No. 226,294. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ARTHUR C. LEVERING, Riderwood, Md. Filed Jan. 23, 1926.

BICARBODENT

Particular description of goods.—Dentifrices—Namely, Paste, Powder, and Liquid.
Claims use since October, 1925.

Ser. No. 226,295. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MATÉ, INC., Philadelphia, Pa. Filed Jan. 23, 1926.

Moguet-Volant

Particular description of goods.—Face Creams, Face Powders, Face Packs, Toilet Waters, Rouges, Lip Sticks, Eyebrow Pencils, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Foot Powders, Bath Salts, Smelling Salts, Incense, Talcum Powders, and Sachets.
Claims use since Dec. 14, 1925.

Ser. No. 226,297. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MATÉ, INC., Philadelphia, Pa. Filed Jan. 23, 1926.

Jasmin-Malle

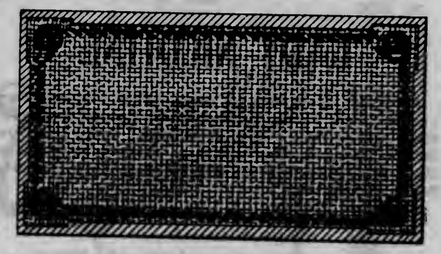
Particular description of goods.—Face Creams, Face Powders, Face Packs, Toilet Waters, Rouges, Lip Sticks, Eyebrow Pencils, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Foot Powders, Bath Salts, Smelling Salts, Incense, Talcum Powders, and Sachets.
Claims use since Dec. 14, 1925.

Ser. No. 226,307. (CLASS 39. CLOTHING.) SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Jan. 23, 1926.

Francine

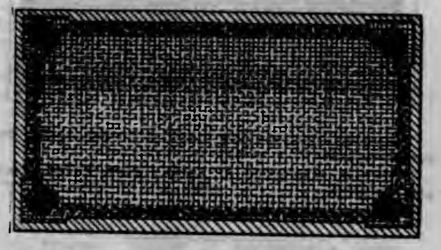
Particular description of goods.—Hosiery.
Claims use since Nov. 23, 1925.

Ser. No. 226,337. (CLASS 38. PRINTS AND PUBLICATIONS.) DENNISON MANUFACTURING COMPANY, Framingham, Mass. Filed Jan. 25, 1926.



The lining of the drawing indicates the colors gilt and purple.
Particular description of goods.—Tags, Cards, Seals, and Cut-Outs.
Claims use since Dec. 7, 1925.

Ser. No. 226,338. (CLASS 38. PRINTS AND PUBLICATIONS.) DENNISON MANUFACTURING COMPANY, Framingham, Mass. Filed Jan. 25, 1926.



The lining of the drawing indicates the colors gilt and green.
Particular description of goods.—Tags, Cards, Seals, and Cut-Outs.
Claims use since Dec. 7, 1925.

Ser. No. 226,353. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GLORIA & RICK, San Diego, Calif. Filed Jan. 25, 1926.

MORNING GLORY

Particular description of goods.—Fresh Vegetables—Namely, Tomatoes, Celery, Cauliflower, and Fresh Grapes.
Claims use since July 10, 1925.

Ser. No. 226,364. (CLASS 38. PRINTS AND PUBLICATIONS.) NEA SERVICE, INC., Cleveland, Ohio. Filed Jan. 25, 1926.

The Very Idea!

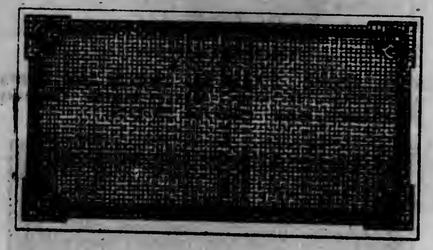
Particular description of goods.—Humor Column.
Claims use since Jan. 4, 1926.

Ser. No. 226,414. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. P. BABCOCK COMPANY, New York, N. Y. Filed Jan. 26, 1926.

LADY NICOTINE

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Talcum Powders, Nail Polishes, Deodorizing Preparations, Lip Sticks, Eyebrow Pencils, Bath Salts, Smelling Salts, Sachets, and Incenses.
Claims use since Jan. 15, 1926.

Ser. No. 226,419. (CLASS 38. PRINTS AND PUBLICATIONS.) DENNISON MANUFACTURING COMPANY, Framingham, Mass. Filed Jan. 26, 1926.



The lining of the drawing indicates the color gilt. The border is gray.
Particular description of goods.—Tags, Cards, Seals, and Cut-Outs.
Claims use since Dec. 7, 1925.

Ser. No. 226,425. (CLASS 39. CLOTHING.) GOTHAM KNITTING MILLS, New York, N. Y. Filed Jan. 26, 1926.

Regatta

Particular description of goods.—Bathing Suits.
Claims use since Oct. 1, 1925.

Ser. No. 226,437. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MOTOREFS, INC., Provo, Utah. Filed Jan. 26, 1926.

MOTOR-ITE

Particular description of goods.—Gasoline as a Motor Fuel.
Claims use since Sept. 30, 1925.

Ser. No. 226,450. (CLASS 39. CLOTHING.) SYRACUSE DRY GOODS COMPANY, Syracuse, N. Y. Filed Jan. 26, 1926.

PENNANT

Particular description of goods.—Dress Shirts.
Claims use since 1901.

Ser. No. 226,461. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN OYSTER CO., Providence, R. I. Filed Jan. 27, 1926.

SALTESEA

Particular description of goods.—Canned Soups.
Claims use since Mar. 14, 1924.

Ser. No. 226,473. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CARONI PRODUCTS COMPANY, INC., Brooklyn, N. Y. Filed Jan. 27, 1926.

CARONI.

Trade-mark consists of the word "Caroni."
Particular description of goods.—Bitters.
Claims use since Aug. 1, 1921.

Ser. No. 226,508. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SOLON PALMER, New York, N. Y. Filed Jan. 27, 1926.

PINK FLEUR

Particular description of goods.—Toilet Preparations—viz, Perfume in Liquid and Powder Form and Face Powder.
Claims use since Dec. 22, 1925.

Ser. No. 226,525. (CLASS 38. PRINTS AND PUBLICATIONS.) SIDNEY J. WOLF, San Francisco, Calif. Filed Jan. 27, 1926.

PROFIT LINES

Trade-mark consists of the words "Profit Lines."
Particular description of goods.—Monthly Magazine.
Claims use since Dec. 1, 1925.

Ser. No. 226,556. (CLASS 39. CLOTHING.) NORWICH KNITTING CO., doing business as The Betyknit Company, Norwich, N. Y. Filed Jan. 28, 1926.

BETTY KNIT

Particular description of goods.—Ladies' Undergarments—viz, Bloomers, Step-Ins, Vests, and Princess Slips.
Claims use since March, 1925.

Ser. No. 226,592. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JULIUS MILLER, doing business as Uca-Form Sales Company, Hillside, N. J. Filed Jan. 29, 1926.

Uca-form

Particular description of goods.—Medicated Gum for Treatment of Head Colds, Catarrh, Throat, and Bronchial Treatment.
Claims use since November, 1925.

Ser. No. 226,593. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MUNYON REMEDY COMPANY, Scranton, Pa. Filed Jan. 29, 1926.

TONA SPAF

Particular description of goods.—General Tonics.
Claims use since Oct. 1, 1925.

Ser. No. 226,607. (CLASS 39. CLOTHING.) SWEET-ORR & CO., Wappingers Falls and New York, N. Y. Filed Jan. 29, 1926.

NAIL PULLER

Particular description of goods.—Pants, Overalls, Apron Overalls, and Jackets.
Claims use since on or about Nov. 12, 1925, on pants, and on overalls, apron overalls, and jackets since on or about Dec. 21, 1925.

Ser. No. 226,622. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALTAMAY CHOCOLATE CO., Chicago, Ill. Filed Jan. 30, 1926.

Altamay's

JUST ADD BOILING WATER AND SERVE

The words "Instant Chocolate" and "Just add boiling water and serve" do not form a part of the registration sought separate from the mark shown in the drawing, applicant, however, reserving all common-law rights in relation thereto.
Particular description of goods.—Compound of Chocolate, Powdered Milk, and Cane Sugar Prepared in Granulated Form for Instant Use in Making a Chocolate Beverage and Candy.
Claims use since Nov. 1, 1924.

Ser. No. 226,654. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HOLLAND-RANTOS CO., INC., New York, N. Y. Filed Jan. 30, 1926.

KOROMEX

Particular description of goods.—Hygienic Preparations for the Treatment and Prevention of Vaginal Catarrh and Other Female Disorders.
Claims use since June 15, 1925.

Ser. No. 226,655. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) INDIANAPOLIS FANCY GROCERY CO., Indianapolis, Ind. Filed Jan. 30, 1926.

GOOD NEWS

Particular description of goods.—Canned Vegetables—Namely, Beans, Corn, Peas, Tomatoes, Beets, and Asparagus; Canned Fruits—Namely, Peaches and Apricots; Salmon, and Pork and Beans.
Claims use since August, 1924.

Ser. No. 226,659. (CLASS 39. CLOTHING.) D. W. KAATZE CO. INC., Brooklyn, N. Y. Filed Jan. 30, 1926.

SLENDERIZED

Particular description of goods.—Bloomers.
Claims use since about September, 1925.

Ser. No. 226,679. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VICTOR PICK, doing business as Beaucor Laboratories, Los Angeles, Calif. Filed Jan. 30, 1926.

BEAUCOR

Particular description of goods.—Toilet Preparations—Namely, Face Lotions, Face Powder, Dental Cream, Bath Salts; Medicinal Remedies—Namely, Mineral Salts.
Claims use since Oct. 1, 1925.

Ser. No. 226,689. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROUNDUP GROCERY COMPANY, Spokane, Wash. Filed Jan. 30, 1926.

OCEAN MIST

Particular description of goods.—Canned Salmon.
Claims use since Feb. 10, 1922.

Ser. No. 226,697. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) TEMPLE GARDEN TEA COMPANY, Atlanta, Ga. Filed Jan. 30, 1926.

TEMPLE GARDEN
FLY-FATE

Particular description of goods.—Insecticide.
Claims use since Jan. 5, 1926.

Ser. No. 226,704. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILSON COFFEE CO., Fort Smith, Ark. Filed Jan. 30, 1926.

BLUE ROSE

Particular description of goods.—Coffee.
Claims use since December, 1925.

Ser. No. 226,716. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GUY S. CORBISH, doing business as The Protexu Products Company, Cincinnati, Ohio. Filed Feb. 1, 1926.

PROTEXU

Particular description of goods.—Chemicals for Testing Alcohol.
Claims use since Dec. 23, 1925.

Ser. No. 226,729. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MIDWEST GROCERY CO., Kansas City, Mo. Filed Feb. 1, 1926.

BON-I-TONE

Particular description of goods.—Increasing the Production of Eggs and for the Treatment of Cholera, Gape, Roup, Worms, and Other Diseases of Poultry.
Claims use since Jan. 15, 1919.

Ser. No. 226,743. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SCHWENCKE'S LABORATORIES, Brooklyn, N. Y. Filed Feb. 1, 1926.

PENTO

Particular description of goods.—Cough Mixtures.
Claims use since Sept. 2, 1925.

Ser. No. 226,737. (CLASS 39. CLOTHING.) ZURKOW & SON, INCORPORATED, New York, N. Y. Filed Feb. 1, 1926.

ROTHSHIRE

Particular description of goods.—Men's and Boys' Suits, Coats, Trousers, Overcoats, and Raincoats.
Claims use since Jan. 15, 1926.

Ser. No. 226,763. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CASMITH REMEDY COMPANY, also doing business as Smith Remedy Co., Washington, D. C. Filed Feb. 2, 1926.

PILE-FOE

Particular description of goods.—Pile Remedy.
Claims use since Jan. 3, 1926.

Ser. No. 226,818. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE WM. S. MERRELL COMPANY, Cincinnati, Ohio. Filed Feb. 3, 1926.

NUTROMULSION

Particular description of goods.—Emulsion of Cod-Liver Oil.
Claims use since 1897.

Ser. No. 226,834. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) STANDARD MEDICAL CO., Lansford, Pa. Filed Feb. 3, 1926.

PESTMIST

Particular description of goods.—Insecticide.
Claims use since Jan. 23, 1926.

Ser. No. 226,835. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) TRIX PERFUMERS, New York, N. Y. Filed Feb. 3, 1926.



Particular description of goods.—Nail Polishes and Nail-Polish Removers.
Claims use since Jan. 15, 1925.

Ser. No. 226,856. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JAMES E. KNOX, doing business as Nilene Laboratories, New York, N. Y. Filed Feb. 4, 1926.

NILENE

Particular description of goods.—Medicine for the Treatment of Menstrual Disorders.
Claims use since Feb. 1, 1926.

Ser. No. 226,868. (CLASS 39. CLOTHING.) W. P. ROWELL & SON INC., Worcester, Mass. Filed Feb. 4, 1926.

PRINCE GEORGE

Trade-mark consists of the words "Prince George."
Particular description of goods.—Men's Dress Shirts.
Claims use since Jan. 21, 1926.

Ser. No. 226,874. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NATHANIEL S. APPLEWHITE, Washington, D. C. Filed Feb. 5, 1926

GASTROLAX

Particular description of goods.—Preparation for Use in the Treatment of Nervous Indigestion, Dyspepsia, Heartburn, Improper Digestive Fermentation, and Gases in the Stomach.
Claims use since Jan. 20, 1926.

Ser. No. 226,887. (CLASS 38. PRINTS AND PUBLICATIONS.) THE DAYTON COMPANY, Minneapolis, Minn. Filed Feb. 5, 1926.

The Daytonian

Particular description of goods.—Monthly Publication.
Claims use since on or before January, 1924.

Ser. No. 226,918. (CLASS 39. CLOTHING.) CHAS. SARFERT, doing business as Garland Hosiery Mills, Philadelphia, Pa. Filed Feb. 5, 1926.

WEE Dainties

Particular description of goods.—Children's Stockings.
Claims use since Jan. 4, 1926.

Ser. No. 226,979. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) RINGER PRODUCTS CO., New York, N. Y. Filed Feb. 6, 1926.

RED MAJIC

Trade-mark consists of the words "Red Magic."
Particular description of goods.—Toothache Treatment.
Claims use since Jan. 5, 1926.

Ser. No. 226,987. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE TOLEDO REX SPRAY COMPANY, Toledo, Ohio. Filed Feb. 6, 1926.

RAT-TOX

Particular description of goods.—Rodent Exterminator.
Claims use since Sept. 4, 1925.

Ser. No. 226,988. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE TOLEDO REX SPRAY COMPANY, Toledo, Ohio. Filed Feb. 6, 1926.

RAT-TOX

Particular description of goods.—Rodent Exterminator.
Claims use since Sept. 4, 1925.

Ser. No. 227,007. (CLASS 38. PRINTS AND PUBLICATIONS.) FENTON LABEL CO., INC., Philadelphia, Pa. Filed Feb. 8, 1926.

Fent-Onamel

Particular description of goods.—Gummed Labels.
Claims use since Dec. 21, 1925.

Ser. No. 227,026. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LYON & LYON, Chicago, Ill. Filed Feb. 8, 1926.

Lustora

Particular description of goods.—Hairdressings.
Claims use since July 7, 1924.

Ser. No. 227,063. (CLASS 38. PRINTS AND PUBLICATIONS.) THE DANGER TRAIL, INC., New York, N. Y. Filed Feb. 9, 1926.

The DANGER TRAIL

Trade-mark consists of the words "The Danger Trail."
Particular description of goods.—Monthly Magazine.
Claims use since Jan. 15, 1926.

Ser. No. 227,007. (CLASS 38. PRINTS AND PUBLICATIONS.) THE REGISTER AND TRIBUNE COMPANY, Des Moines, Iowa. Filed Feb. 10, 1926.

PRISCILLA WAYNE

The trade-mark shown is a nom de plume.
Particular description of goods.—Newspaper Items.
Claims use since Aug. 19, 1918.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

MARCH 16, 1926.

210,336. MATZOTHS, MATZOTH MEAL, MATZOTH FERFEL, AND ALIMENTARY PASTE PRODUCTS. A. GOODMAN & SONS, INC., New York, N. Y.
Filed October 28, 1924. Serial No. 204,505. PUBLISHED DECEMBER 22, 1925.

210,337. FLOOR-POLISHING TOOLS. THE UNITED ELECTRIC COMPANY, Canton, Ohio.
Filed October 18, 1924. Serial No. 204,133. PUBLISHED DECEMBER 15, 1925.

210,338. CERTAIN NAMED CUTLERY. FRIEDR. HERDER ABR. SOHN, Solingen, Germany.
Filed October 27, 1924. Serial No. 204,448. PUBLISHED JANUARY 5, 1926.

210,339. LOOSE-LEAF BINDERS. THE BINGHAM COMPANY, INCORPORATED, Philadelphia, Pa.
Filed October 16, 1924. Serial No. 203,933. PUBLISHED DECEMBER 29, 1925.

210,340. GLASS BOTTLES. BIG BILL BOTTLING COMPANY, Winston-Salem, N. C., assignor to Taylor-Long Company, Charlotte, N. C., a Corporation of North Carolina.
Filed October 2, 1924. Serial No. 203,804. PUBLISHED NOVEMBER 17, 1925.

210,341. CERTAIN FIREARMS, EXPLOSIVES, AND AMMUNITION. RHEINISCHE METALLWAAREN- UND MASCHINENFABRIK, Dusseldorf-Derendorf, Germany.
Filed September 23, 1924. Serial No. 202,954. PUBLISHED JUNE 16, 1925.

210,342. CERTAIN FIREARMS, EXPLOSIVES, AND AMMUNITION. RHEINISCHE METALLWAAREN- UND MASCHINENFABRIK, Dusseldorf-Derendorf, Germany.
Filed September 23, 1924. Serial No. 202,953. PUBLISHED JUNE 16, 1925.

210,343. TELEPHONIC DEVICE FOR AIDING DEFECTIVE HEARING. DICTOGRAPH PRODUCTS CORPORATION, New York, N. Y.
Filed September 23, 1924. Serial No. 202,934. PUBLISHED DECEMBER 22, 1925.

210,344. PLASTER BASE, WALL BOARDS, AND SHEATHING. THE INSULITE CO., International Falls, and Minneapolis, Minn.
Filed August 7, 1924. Serial No. 201,086. PUBLISHED DECEMBER 15, 1925.

210,345. BOX STATIONERY, CORRESPONDENCE CARDS, AND POUND PAPER AND TABLETS. H. W. WILLIAMS & CO., INC., Fort Worth, Tex.
Filed July 31, 1924. Serial No. 200,793. PUBLISHED NOVEMBER 4, 1924.

210,346. SERIES OF CARTOONS. DUDLEY TING FISHER, Jr., Columbus, Ohio.
Filed October 6, 1925. Serial No. 221,307. PUBLISHED DECEMBER 15, 1925.

210,347. LOOMS AND LOOM ACCESSORIES. CROMPTON & KNOWLES LOOM WORKS, Worcester, Mass.
Filed October 6, 1925. Serial No. 221,305. PUBLISHED JANUARY 5, 1926.

210,348. DUSTPANS. PATENT NOVELTY COMPANY, Fulton, Ill.
Filed October 5, 1925. Serial No. 221,276. PUBLISHED DECEMBER 15, 1925.

210,349. BRUSHES FOR USE IN DYNAMO-ELECTRIC APPARATUS. NATIONAL CARBON COMPANY, INC., New York, N. Y.
Filed October 5, 1925. Serial No. 221,275. PUBLISHED DECEMBER 29, 1925.

210,350. COAL. POCAHONTAS FUEL COMPANY INCORPORATED, Pocahontas, Va., and New York, N. Y.
Filed October 3, 1925. Serial No. 221,204. PUBLISHED DECEMBER 15, 1925.

210,351. MODELING CLAY. KLEX MANUFACTURING COMPANY, Chicago, Ill.
Filed October 3, 1925. Serial No. 221,179. PUBLISHED DECEMBER 15, 1925.

210,352. DRESS, NEGLIGEE, AND WORK SHIRTS. MARLBORO SHIRT COMPANY, INC., Baltimore, Md.
Filed October 2, 1925. Serial No. 221,126. PUBLISHED DECEMBER 22, 1925.

210,353. CONCRETE STEPPING STONES, HOLLOW CONCRETE BLOCKS FOR OUTSIDE BEARING WALLS OF BUILDINGS, AND INTERIOR PARTITION BLOCKS FOR INTERIOR PARTITIONS IN BUILDINGS. HAKON PRODUCTS COMPANY, Nashville, Tenn.
Filed October 2, 1925. Serial No. 221,115. PUBLISHED DECEMBER 29, 1925.

210,354. RADIO RECEIVING, DETECTING, AND TRANSMITTING SETS AND PARTS THEREOF. COLUMBIA PHONOGRAPH COMPANY, INC., Bridgeport, Conn.
Filed October 2, 1925. Serial No. 221,094. PUBLISHED DECEMBER 15, 1925.

210,355. WEEKLY PUBLICATION. BAINES & SCHMICH PUBLISHING COMPANY, Brooklyn, N. Y.
Filed October 2, 1925. Serial No. 221,086. PUBLISHED DECEMBER 15, 1925.

210,356. CANNED ANCHOVIES, HERRING, MACKEREL, SARDELRINGS, AND GAFFELBITAR. JOHS. MÆLAND A/S LTD., Stavanger, Norway.
Filed April 14, 1925. Serial No. 212,691. PUBLISHED AUGUST 11, 1925.

210,357. BABY CARRIAGES. KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa.
Filed October 23, 1925. Serial No. 222,182. PUBLISHED DECEMBER 29, 1925.

210,358. TABLE AND COOKING SIRUPS. EGGTON BROTHERS, Baltimore, Md.
Filed October 23, 1925. Serial No. 222,170. PUBLISHED DECEMBER 22, 1925.

210,359. ICE-SHAVING MACHINES. CLEMENT COLERIDGE CLAWSON, Flagtown, N. J.
Filed October 23, 1925. Serial No. 222,164. PUBLISHED JANUARY 5, 1926.

210,360. WRITING PAPER, DRAWING PAPER, AND PRINTING PAPER. THE NORTHWEST PAPER COMPANY, Cloquet, Minn.
Filed October 22, 1925. Serial No. 222,133. PUBLISHED DECEMBER 22, 1925.

210,361. WRAPPING PAPER. THE NORTHWEST PAPER COMPANY, Cloquet, Minn.
Filed October 22, 1925. Serial No. 222,132. PUBLISHED DECEMBER 22, 1925.

210,362. RAZOR STROPS. KOKEN COMPANIES, St. Louis, Mo.
Filed October 22, 1925. Serial No. 222,128. PUBLISHED DECEMBER 15, 1925.

210,363. LEATHER GLOVES. DANIEL JEITTELES, ESSLINGEN, Esslingen, Germany.
Filed October 22, 1925. Serial No. 222,122. PUBLISHED DECEMBER 22, 1925.

210,364. SANITARY NAPKINS. CALEDONIA CELLULOSE COMPANY, INC., New York, N. Y.
Filed October 20, 1925. Serial No. 222,010. PUBLISHED DECEMBER 22, 1925.

210,365. PLAIN, CORRUGATED, ROUND, SQUARE, AND FLAT IRON AND STEEL. TENNESSEE COAL, IRON & RAILROAD COMPANY, Birmingham, Ala.
Filed October 19, 1925. Serial No. 221,984. PUBLISHED DECEMBER 22, 1925.

210,366. ICE PICKS. FLETCHER WORKS, INCORPORATED, Philadelphia, Pa.
Filed November 14, 1925. Serial No. 223,290. PUBLISHED DECEMBER 29, 1925.

210,367. HAIR CLIPPERS, CLIPPER PLATES AND BLADES, AND REPAIR PARTS. JOHN OSTER MANUFACTURING COMPANY, Racine, Wis.
Filed November 11, 1925. Serial No. 223,135. PUBLISHED DECEMBER 29, 1925.

210,368. POWER LAWN MOWERS. THE FRANK HELD TRACTOR CO., Columbus, Ohio.
Filed November 13, 1925. Serial No. 223,232. PUBLISHED DECEMBER 29, 1925.

210,369. STEEL CLOTHES POSTS. BANKS STEEL POST COMPANY, Newark, N. J.
Filed November 12, 1925. Serial No. 223,158. PUBLISHED DECEMBER 22, 1925.

210,370. SPECTACLE TEMPLES. BAUSCH AND LOMB OPTICAL COMPANY, Rochester, N. Y.
Filed November 10, 1925. Serial No. 223,075. PUBLISHED DECEMBER 22, 1925.

210,371. CARTOONS IN NEWSPAPER PUBLICATIONS. PUBLIC LEDGER COMPANY, Philadelphia, Pa.
Filed November 9, 1925. Serial No. 223,050. PUBLISHED DECEMBER 29, 1925.

210,372. VACUUM PUMPS. CENTRAL SCIENTIFIC COMPANY, Chicago, Ill.
Filed November 18, 1925. Serial No. 223,461. PUBLISHED DECEMBER 29, 1925.

210,373. WORSTED AND WOOLEN TEXTILE FABRICS. HOLDEN-LEONARD CO., New York, N. Y.
Filed November 13, 1925. Serial No. 223,237. PUBLISHED DECEMBER 29, 1925.

210,374. VARNISH PRIMER AND LIQUID FILLER. THE LOWE BROTHERS COMPANY, Dayton, Ohio.
Filed October 29, 1925. Serial No. 222,514. PUBLISHED DECEMBER 22, 1925.

210,375. PERIODICAL PUBLISHED MONTHLY. PATERSON-MUTUAL HOSIERY MILLS, INC., Paterson, N. J.
Filed November 14, 1925. Serial No. 223,321. PUBLISHED DECEMBER 29, 1925.

210,376. WHITE ICING POWDER. THE INTERNATIONAL COMPANY, Baltimore, Md.
Filed November 9, 1925. Serial No. 223,035. PUBLISHED DECEMBER 29, 1925.

210,377. EXTRACTING FORCEPS. HUGO FRIEDMAN, doing business as The Hugo Friedman Mfg. Co., Chicago, Ill.
Filed November 9, 1925. Serial No. 223,031. PUBLISHED DECEMBER 22, 1925.

210,378. BOOTS AND SHOES OF LEATHER. RICE & HUTCHINS, INCORPORATED, Boston, Mass.
Filed November 6, 1925. Serial No. 222,943. PUBLISHED DECEMBER 22, 1925.

210,379. AUTOMATIC VENDING MACHINES. DIME AUTOMATIC CO., doing business as Dime Service Co., Chicago, Ill.
Filed November 5, 1925. Serial No. 222,880. PUBLISHED DECEMBER 29, 1925.

210,380. HONEY. WILLIAM ATCHLEY, Upland, Calif.
Filed November 5, 1925. Serial No. 222,810. PUBLISHED DECEMBER 29, 1925.

210,381. RAISIN SIRUP. SUN-MAID RAISIN GROWERS OF CALIFORNIA, Fresno, Calif.
Filed November 4, 1925. Serial No. 222,803. PUBLISHED DECEMBER 29, 1925.

210,382. SPICES. J. K. LAUDENSLAGER, INC., Philadelphia, Pa.
Filed November 3, 1925. Serial No. 222,750. PUBLISHED DECEMBER 29, 1925.

210,383. RUBBER VEHICLE TIRES. THE B. F. GOODRICH COMPANY, New York, N. Y.
Filed November 2, 1925. Serial No. 222,673. PUBLISHED DECEMBER 29, 1925.

210,384. COAL. THE EASTERBROOK COAL COMPANY, Cleveland, Ohio.
Filed October 31, 1925. Serial No. 222,603. PUBLISHED DECEMBER 29, 1925.

210,385. MONTHLY TRADE JOURNAL. WARE BROS. COMPANY, Philadelphia, Pa.
Filed October 29, 1925. Serial No. 222,531. PUBLISHED DECEMBER 29, 1925.

210,386. TWINE. RICHARD C. HYLAND, doing business as Hyland Bag Company, San Francisco, Calif.
Filed September 25, 1925. Serial No. 220,781. PUBLISHED DECEMBER 15, 1925.

210,387. TWINE. RICHARD C. HYLAND, doing business as Hyland Bag Company, San Francisco, Calif.
Filed September 25, 1925. Serial No. 220,778. PUBLISHED DECEMBER 15, 1925.

210,388. FOOD-FLAVORING EXTRACTS—NAMELY, ORANGE, LEMON, LIME, STRAWBERRY, RUM, LOGANBERRY, ALMOND, PEACH, PINEAPPLE, WILD CHERRY, GRAPE, RASPBERRY, PEPPERMINT, SARSAPARILLA, PISTACHIO, TUTTI-FRUTTI BANANA SHERBET, SHERRY, ROSE, VIOLET, CARDAMOM, ANISETTE, MACE, NUTMEG FLAVOR, SPEARMINT, WINTERGREEN, CINNAMON, AND BUTTER FLAVOR. CHARLES N. WHITSON, doing business as Whitson Products Company, Brooklyn, N. Y.
Filed September 24, 1925. Serial No. 220,751. PUBLISHED DECEMBER 22, 1925.

210,389. GLASS RUN CHANNELS. DETROIT RUBBER PRODUCTS, INC., Detroit, Mich.
Filed September 24, 1925. Serial No. 220,707. PUBLISHED DECEMBER 22, 1925.

210,390. TRUCK AND PASSENGER AUTOMOBILES, AUTOMOBILE WHEELS, RADIATORS, CHASSIS, BODIES, AND PARTS THEREOF. ADOLPH SAURER, INC., New York, N. Y.
Filed September 23, 1925. Serial No. 220,681. PUBLISHED DECEMBER 22, 1925.

210,391. ANNUNCIATORS. ELEVATOR SUPPLIES CO., INC., Hoboken, N. J.
Filed September 23, 1925. Serial No. 220,648. PUBLISHED DECEMBER 29, 1925.

210,392. ELECTRIC MOTORS, SOLENOIDS, AND SWITCHES, CUT-OUTS, CIRCUIT BREAKERS, CIRCUIT CLOSERS, AUTOMATIC PRESSURE AND FLOAT OPERATING ELECTRICAL CONTROL AND INDICATING DEVICES. THE DURO PUMP AND MANUFACTURING COMPANY, Dayton, Ohio.
Filed September 21, 1925. Serial No. 220,507. PUBLISHED DECEMBER 29, 1925.

210,393. SELF-BINDERS FOR BINDING PAPERS OF VARIOUS KINDS. THE ROCHESTER SELF-BINDER CO. INC., Rochester, N. Y.
Filed September 19, 1925. Serial No. 220,473. PUBLISHED DECEMBER 15, 1925.

210,394. FLATWARE, TABLEWARE, HOLLOW WARE, AND CUTLERY, ALL OF WHICH ARE SILVER PLATED, WHOLLY OR IN PART. ONEIDA COMMUNITY LIMITED, Oneida, N. Y.
Filed September 19, 1925. Serial No. 220,462. PUBLISHED DECEMBER 29, 1925.

210,395. JEWELRY FOR PERSONAL WEAR MADE FROM PRECIOUS METAL OR PLATED WITH PRECIOUS METAL—VIZ, COLLAR CLIPS, TIE HOLDERS, AND GARTER CLASPS. STANLEY L. GEDNEY, doing business as Ged Mfg. Co., New York, N. Y.
Filed September 19, 1925. Serial No. 220,452. PUBLISHED DECEMBER 29, 1925.

210,396. CANNED FRUITS, CANNED VEGETABLES, CANNED FRUIT PRESERVES, COFFEES, TEAS, SPICES, FOOD-FLAVORING EXTRACTS. CARL F. NAEGELE, doing business as The Nip and Tuck, San Dimas, Calif.
Filed September 25, 1925. Serial No. 220,790. PUBLISHED DECEMBER 22, 1925.

210,397. VACUUM TUBES AND VALVES. RADIO CORPORATION OF AMERICA, New York, N. Y.
Filed September 26, 1925. Serial No. 220,869. PUBLISHED DECEMBER 29, 1925.

210,398. VACUUM TUBES AND VALVES. RADIO CORPORATION OF AMERICA, New York, N. Y.
Filed September 26, 1925. Serial No. 220,872. PUBLISHED DECEMBER 29, 1925.

210,399. DRY, READY-MIXED AND PASTE PAINT; VARNISHES, VARNISH STAINS, OIL STAINS, PAINT ENAMELS, DRY COLORS, AND COLORS GROUND IN OIL. C. A. WOOLSEY PAINT & COLOR CO., Jersey City, N. J.
Filed September 28, 1925. Serial No. 220,932. PUBLISHED DECEMBER 22, 1925.

210,400. PAINT SOLUTION, DRY AND WET RUST-PROOF PAINTS, AND DRY AND WET DAMPPROOF PAINTS. WILLIAM A. SEALEY, doing business as Sealmastic Paint Company, New York, N. Y.
Filed September 29, 1925. Serial No. 220,975. PUBLISHED DECEMBER 22, 1925.

210,401. WATERPROOFED COTTON-FLEECED CRIB SHEETS. RICHARD FALTER, doing business as Richard Falter Company, New York, N. Y.
Filed September 30, 1925. Serial No. 221,003. PUBLISHED DECEMBER 22, 1925.

210,402. POLISHES TO BE USED FOR POLISHING AUTOMOBILES, PIANOS, FURNITURE, AND OTHER SURFACES. EUGENE E. NICE COMPANY, Philadelphia, Pa.
Filed September 30, 1925. Serial No. 221,023. PUBLISHED DECEMBER 22, 1925.

210,403. LADIES' HATS. B. ALTMAN & CO., New York, N. Y.
Filed October 1, 1925. Serial No. 221,044. PUBLISHED DECEMBER 22, 1925.

210,404. SHEETS OF INSULATING MATERIAL USED FOR INSULATING BUILDINGS, CARS, REFRIGERATORS, AND THE LIKE. KEYSTONE HAIR INSULATOR COMPANY, Pittsburgh, Pa., and New York, N. Y.
Filed October 5, 1925. Serial No. 221,262. PUBLISHED DECEMBER 22, 1925.

210,405. WHOLE SOLES, HALF SOLES, HEELS, AND THE SERVICE OF REBUILDING SHOES, ATTACHING SOLES AND HEELS THERETO. RUDOLPH J. TAUB, Brooklyn, N. Y.
Filed October 9, 1925. Serial No. 221,518. PUBLISHED DECEMBER 22, 1925.

210,406. LEATHER SHOES. M. NATHAN AND BROTHER, INCORPORATED, Johnstown, Pa.
Filed October 8, 1025. Serial No. 221,195. PUBLISHED DECEMBER 15, 1925.

210,407. CANDY. JOHN MERLE, doing business as The Merle Candy Co., New York, N. Y.
Filed September 29, 1925. Serial No. 220,968. PUBLISHED DECEMBER 15, 1925.

210,408. LADIES' AND CHILDREN'S HATS. LA-ROY HAT CO., New York, N. Y.
Filed September 29, 1925. Serial No. 220,962. PUBLISHED DECEMBER 15, 1925.

210,409. CANDIES. B. S. & S. M. BUSHMAN, Buffalo, N. Y., assignors to B. & S. Bushman, Inc., Baltimore, Md., a Corporation of Maryland.
Filed September 29, 1925. Serial No. 220,937. PUBLISHED DECEMBER 15, 1925.

210,410. SPECTACLES, SPECTACLE FRAMES, AND OPHTHALMIC LENSES. THE WHITE-HAINES OPTICAL CO., Columbus, Ohio.
Filed September 28, 1925. Serial No. 220,933. PUBLISHED DECEMBER 15, 1925.

210,411. SPECTACLES, SPECTACLE FRAMES, AND OPHTHALMIC LENSES. THE WHITE-HAINES OPTICAL CO., Columbus, Ohio.
Filed September 28, 1925. Serial No. 220,930. PUBLISHED DECEMBER 15, 1925.

210,412. SPECTACLES, SPECTACLE FRAMES, AND OPHTHALMIC LENSES. THE WHITE-HAINES OPTICAL CO., Columbus, Ohio.
Filed September 28, 1925. Serial No. 220,929. PUBLISHED DECEMBER 15, 1925.

210,413. WELTING FOR BOOTS AND SHOES. PERLEY E. BARBOUR, doing business as Barbour Welting Company, Montello Station, Brockton, Mass.
Filed September 26, 1925. Serial No. 220,837. PUBLISHED DECEMBER 15, 1925.

210,414. FINGER RINGS. THE VON STEINNER AND BAUMGARTNER CO., Washington, D. C.
Filed September 25, 1925. Serial No. 220,812. PUBLISHED DECEMBER 15, 1925.

210,415. MISSES' AND CHILDREN'S SHOES OF LEATHER, RUBBER, AND FABRIC, LEATHER AND RUBBER, LEATHER AND FABRIC, AND RUBBER AND FABRIC. WM. H. WALKER & CO., Buffalo, N. Y.
Filed September 21, 1925. Serial No. 220,584. PUBLISHED DECEMBER 29, 1925.

210,416. RADIO LOUD SPEAKERS AND RECEIVING SETS AND/OR PARTS FOR SAME AND/OR ATTACHMENTS OR AUXILIARY DEVICES PERTAINING TO RADIO RECEIVING SETS—NAMELY, PHONES AND BATTERY ELIMINATORS. HERBERT-JOHN CORPORATION, New York, N. Y.
Filed September 16, 1925. Serial No. 220,387. PUBLISHED DECEMBER 8, 1925.

210,417. BOOTS, SHOES, AND SLIPPERS MADE OF LEATHER, RUBBER AND FABRICS. W. H. TOMLINSON & CO., Bay City, Mich.
Filed October 5, 1925. Serial No. 221,292. PUBLISHED DECEMBER 15, 1925.

210,418. LINGERIE CLASPS, BEAUTY PINS, VANITY BOXES, LOCKETS, CUFF BUTTONS, CUFF LINKS, BRACELETS, BUCKLES, KEY RINGS, CHAIN FASTENERS, SNAP FASTENERS, SPRING RINGS, TIE CLASPS, LAPEL BUTTONS, BROOCHES, ALL OF WHICH ARE MADE OF OR PLATED WITH PRECIOUS METALS; CHAINS FOR PERSONAL ADORNMENT, BRACELETS, CHARMS, FOBS, PENDANTS, AND FINGER RINGS. V. E. BLACK CO., Providence, R. I.
Filed October 19, 1925. Serial No. 221,941. PUBLISHED DECEMBER 15, 1925.

210,419. GLUE-CLAMP CARRIERS. NELS J. BILLSTROM, Rockfort, Ill.
Filed October 19, 1925. Serial No. 221,940. PUBLISHED DECEMBER 8, 1925.

210,420. SILVER-PLATED TABLEWARE, FLATWARE, HOLLOWWARE, AND CUTLERY. ONEIDA COMMUNITY LIMITED, Oneida, N. Y.
Filed October 17, 1925. Serial No. 221,916. PUBLISHED DECEMBER 15, 1925.

210,421. ELECTRIC VACUUM CLEANERS. NATIONAL ELECTRIC SWEEPER COMPANY, Oakland, Calif.
Filed October 17, 1925. Serial No. 221,914. PUBLISHED DECEMBER 15, 1925.

210,422. RADIO RECEIVING SETS, RADIO BATTERY CHARGERS, AERIAL EQUIPMENT, LOUD SPEAKERS AND UNITS, HEAD SETS, RADIO A BATTERIES, RADIO B BATTERIES, RADIO STORAGE BATTERIES, TUNERS, CABINET SPEAKERS, CABLES, DIALS, JACKS, PLUGS, CONDENSERS, RADIO C BATTERIES, AND SOCKETS. CHICAGO MAIL ORDER COMPANY, Chicago, Ill.
Filed October 17, 1925. Serial No. 221,879. PUBLISHED DECEMBER 15, 1925.

210,423. RAIL BONDS. THE AMERICAN STEEL AND WIRE COMPANY OF NEW JERSEY, Cleveland, Ohio; Chicago, Ill.; Pittsburgh, Pa.; New York, N. Y.; and Worcester, Mass.
Filed October 17, 1925. Serial No. 221,868. PUBLISHED DECEMBER 15, 1925.

210,424. UNTUNED RADIOFREQUENCY TRANSFORMERS, RADIO RECEIVING SETS, RADIO AERIAL EQUIPMENT, LOUD SPEAKERS AND UNITS, TUNING UNITS, PLUGS, JACKS, DIALS, AND SOCKETS. ELECTRICAL RESEARCH LABORATORIES, INC., Chicago, Ill.
Filed October 16, 1925. Serial No. 221,811. PUBLISHED DECEMBER 15, 1925.

210,425. RADIO RECEIVING SETS AND PARTS THEREFOR. THE CROSLEY RADIO CORPORATION, Cincinnati, Ohio.
Filed October 9, 1925. Serial No. 221,479. PUBLISHED DECEMBER 15, 1925.

210,426. INSTRUMENTS FOR PRODUCING HYPERÆMIA. SOLOMON M. BERNELL, doing business as The Vacupometer Co., Chicago, Ill.
Filed October 8, 1925. Serial No. 221,402. PUBLISHED DECEMBER 15, 1925.

210,427. RADIO RECEIVING SETS AND PARTS THEREOF, LOUD SPEAKERS, HEAD PHONES, AND AERIALS. WARD MANUFACTURING CO., INC., Chicago, Ill.
Filed October 7, 1925. Serial No. 221,393. PUBLISHED DECEMBER 15, 1925.

210,428. LIQUID PASTE AND POWDER, SOAPS, AND CLEANSERS—NAMELY, CHIPS, LAUNDRY, POWDER, AND TOILET. B. A. RAILTON CO., Chicago, Ill.
Filed June 29, 1925. Serial No. 216,638. PUBLISHED AUGUST 25, 1925.

210,429. WRAPPING PAPER. THE ALBEMARLE PAPER MANUFACTURING CO., Richmond, Va.
Filed June 27, 1925. Serial No. 216,493. PUBLISHED DECEMBER 15, 1925.

210,430. EDUCATIONAL PRINTED CHARTS FOR CHILDREN. IRENE A. PARRY, Seattle, Wash.
Filed June 26, 1925. Serial No. 216,474. PUBLISHED DECEMBER 15, 1925.

210,431. LAMINATED FABRICATED MATERIAL FOR ELECTRICAL INSULATION. NATIONAL VULCANIZED FIBRE CO., Wilmington, Del.
Filed June 23, 1925. Serial No. 216,280. PUBLISHED DECEMBER 29, 1925.

210,432. PAINT ENAMELS; DRY, PASTE, AND READY-MIXED PAINTS; AND FINISHING MATERIALS—NAMELY, PAINTS, ENAMELS, AND VARNISHES FOR ALL KINDS OF FINISHING PURPOSES. RED SPOT PAINT & VARNISH COMPANY, INCORPORATED, Evansville, Ind.
Filed June 22, 1925. Serial No. 216,213. PUBLISHED DECEMBER 22, 1925.

210,433. LEATHER. MONARCH LEATHER COMPANY, Chicago, Ill.
Filed June 22, 1925. Serial No. 216,199. PUBLISHED DECEMBER 15, 1925.

210,434. LADIES' AND MISSES' HATS. HARRIS & CAPELLE, New York, N. Y.
Filed June 19, 1925. Serial No. 216,044. PUBLISHED DECEMBER 22, 1925.

210,435. AUTOMOBILE RADIATORS AND RADIATOR CORES. TYREE AUTO RADIATOR MFG. CO., Chicago, Ill.
Filed June 18, 1925. Serial No. 216,000. PUBLISHED DECEMBER 29, 1925.

210,436. SOAP. JAMES S. KIRK & COMPANY, Chicago, Ill.
Filed June 13, 1925. Serial No. 215,745. PUBLISHED DECEMBER 15, 1925.

210,437. DAILY PUBLICATION. MACFADDEN PUBLICATIONS INCORPORATED, New York, N. Y.
Filed June 12, 1925. Serial No. 215,698. PUBLISHED JULY 28, 1925.

210,438. SILVER-PLATED BOTTLE-SHAPED COCKTAIL SHAKERS AND BEVERAGE MIXERS. THE HOMAN MANUFACTURING COMPANY, Cincinnati, Ohio.
Filed June 12, 1925. Serial No. 215,693. PUBLISHED DECEMBER 29, 1925.

210,439. SOAP, PARTICULARLY FLAKE SOAP. WOODLEY SOAP MANUFACTURING COMPANY, Roxbury, Mass.
Filed June 10, 1925. Serial No. 215,612. PUBLISHED DECEMBER 15, 1925.

210,440. LADIES' UNDERWEAR OF KNITTED AND TEXTILE FABRIC AND STOCKINGS. JAY THORPE, INC., New York, N. Y.
Filed June 10, 1925. Serial No. 215,608. PUBLISHED SEPTEMBER 1, 1925.

210,441. LEATHER SHOES. E. S. LEVY & COMPANY, Galveston, Tex.
Filed June 1, 1925. Serial No. 215,156. PUBLISHED DECEMBER 22, 1925.

210,442. CERTAIN NAMED STATIONERY. AMERICAN SALES BOOK COMPANY, LIMITED, Toronto, Ontario, Canada, and Niagara Falls and Elmira, N. Y.
Filed May 18, 1925. Serial No. 214,453. PUBLISHED OCTOBER 20, 1925.

210,443. BLOTTERS, WRITING PADS, DESK CALENDARS, CORRESPONDENCE PAPER AND CORRESPONDENCE CARDS, AND BLANK POST CARDS. WILLIAM R. SANFORD, Howard, R. I.
Filed May 16, 1925. Serial No. 214,443. PUBLISHED DECEMBER 15, 1925.

210,444. PUBLICATIONS OF A SYNDICATED SERVICE—NAMELY, RADIOPROGRAMS. AUDIO SERVICE, Chicago, Ill.
Filed May 13, 1925. Serial No. 214,230. PUBLISHED JULY 21, 1925.

210,445. BOILER-TUBE FLANGERS, BOILER-TUBE EXPANDERS, BOILER-TUBE CUTTERS, REAMERS, BOILER-FLUE BEADERS, SCALE REMOVERS, EXPANDER MANDRELS, FLUE-EXPANDER ROLLERS, AND MANDREL EXTRACTORS. THE J. FAESSLER MFG. CO., Moberly, Mo.
Filed May 11, 1925. Serial No. 214,147. PUBLISHED JANUARY 5, 1926.

210,446. FLUE EXPANDERS FOR STEAM BOILERS. THE J. FAESSLER MFG. CO., Moberly, Mo.
Filed May 11, 1925. Serial No. 214,145. PUBLISHED JANUARY 5, 1926.

210,447. CLOTHING MADE OF LEATHER—NAMELY, BLOUSES, SHIRTS, COATS, DRAWERS, BREECHES, AND VESTS. GUITERMAN BROS., INC., St. Paul, Minn.
Filed November 14, 1923. Serial No. 188,304. PUBLISHED JANUARY 13, 1925.

210,448. COMPLETE RADIO RECEIVING SETS AND PARTS THEREOF. ARON ELEKTRIZITÄTS-GESELLSCHAFT M. B. H., Charlottenburg, near Berlin, Germany.
Filed April 8, 1925. Serial No. 212,862. PUBLISHED DECEMBER 8, 1925.

210,449. AUTOMOBILE TOP FABRICS. WATERHOUSE & LESTER CO., San Francisco, Calif.
Filed April 2, 1925. Serial No. 212,114. PUBLISHED DECEMBER 15, 1925.

210,450. RESONATORS FOR BANJOS AND SIMILAR MUSICAL INSTRUMENTS. WELDA WARE PRODUCTS COMPANY, Erie, Pa., assignor to C. Bruno & Son, New York, N. Y., a Corporation of New York.
Filed March 25, 1925. Serial No. 211,642. PUBLISHED DECEMBER 29, 1925.

210,451. CANNED SAUSAGE. WESTERN SAUSAGE & PROVISION CO., INC., New York, N. Y.
Filed March 12, 1925. Serial No. 210,939. PUBLISHED DECEMBER 22, 1925.

210,452. VEHICLE TIRES MADE WHOLLY OR PARTLY OF RUBBER. THE FISK RUBBER COMPANY, Chicopee Falls, Mass., and Cudahy, Wis.
Filed March 12, 1925. Serial No. 210,897. PUBLISHED JANUARY 5, 1926.

210,453. TISSUE PAPER, BANK-NOTE PAPER, LEGAL CAP, TYPEWRITER PAPER, DUPLICATING PAPER NOT INCLUDING CARBON PAPERS, COPYING PAPERS NOT INCLUDING CARBON PAPERS, AND MAILING ENVELOPES. ROBERT FLETCHER & SON LIMITED, Stoneclough, near Manchester, England.
Filed March 9, 1925. Serial No. 210,723. PUBLISHED DECEMBER 15, 1925.

210,454. DOSAGE SPOONS. HARRY D. MORGAN, San Francisco, Calif.
Filed March 2, 1925. Serial No. 210,397. PUBLISHED DECEMBER 29, 1925.

210,455. CANNED PINEAPPLE. PEARL CITY FRUIT CO., LTD., Honolulu, Territory of Hawaii.
Filed February 28, 1925. Serial No. 210,311. PUBLISHED DECEMBER 22, 1925.

210,456. ELECTRICAL DISPLAY SIGNS SUCH AS ARE USED FOR OUTDOOR ADVERTISING PURPOSES. JOSEPH KOLLATH, Schenectady, N. Y.
Filed February 21, 1925. Serial No. 209,990. PUBLISHED DECEMBER 29, 1925.

210,457. LESSONS, INSTRUCTION SHEETS, AND PRINTED LECTURES TO BE USED IN CONNECTION WITH A CORRESPONDENCE COURSE. JOB-WAY HOME STUDY, INCORPORATED, doing business as Associated Drafting Engineers, Chicago, Ill.
Filed February 20, 1925. Serial No. 209,920. PUBLISHED DECEMBER 15, 1925.

210,458. LADIES' AND MISSES' HATS. GOLDMAN-O'BRIEN, NASSAUER MFG. CO., St. Louis, Mo.
Filed February 2, 1925. Serial No. 208,977. PUBLISHED DECEMBER 22, 1925.

210,459. JAR CAPS. ADAMS BROS. & CO., Chicago, Ill.
Filed February 2, 1925. Serial No. 208,944. PUBLISHED DECEMBER 1, 1925.

210,460. COAL AND COKE. EUGENE AMBLER, Chicago, Ill.
Filed January 31, 1925. Serial No. 208,888. PUBLISHED DECEMBER 22, 1925.

210,461. REFERENCE CHART OF RADIO STATIONS PUBLISHED FROM TIME TO TIME. DAVID S. B. STANNARD, Huntington Park and Los Angeles, Calif.
Filed January 28, 1925. Serial No. 208,785. PUBLISHED APRIL 21, 1925.

210,462. AUDIO-FREQUENCY TRANSFORMERS. WILTON R. DUDLEY, Chicago, Ill.
Filed December 15, 1924. Serial No. 206,726. PUBLISHED DECEMBER 29, 1925.

210,463. LIGHT-SENSITIZED PHOTOGRAPHIC PAPERS, PHOTOGRAPHIC APPARATUS, PLATES, AND FILMS. MIMOSA AKTIENGESELLSCHAFT, Dresden, Germany.
Filed November 25, 1924. Serial No. 205,833. PUBLISHED DECEMBER 22, 1925.

210,464. CAKES. BARNA COMPANY, INC., New York, N. Y.
Filed November 22, 1924. Serial No. 205,674. PUBLISHED DECEMBER 29, 1925.

210,465. CAPS, UNDERGARMENTS, ROBES, BATH ROBES, BREAKFAST COATS, NEGLIGEES, PYJAMAS, BRASSIÈRES, SLIPS, KIMONOS, DRESSING SACKS, PETTICOATS, SWEATERS, AND KNITTED GARMENTS FOR WOMEN AND CHILDREN. THE BEDELL COMPANY, New York, N. Y.
Filed November 21, 1924. Serial No. 205,628. PUBLISHED JANUARY 5, 1926.

210,466. CANDY. CARL T. FUND, doing business as Fund's, Chicago, Ill.
Filed November 15, 1924. Serial No. 205,329. PUBLISHED DECEMBER 22, 1925.

210,467. CLEANING FLUID—NAMELY, A FLUID IN THE NATURE OF A DRY CLEANER FOR CLEANING GREASE, FOOD, OR PERSPIRATION STAINS FROM ANYTHING. GRIFFIN MANUFACTURING CO. INC., New York, N. Y.
Filed November 11, 1924. Serial No. 205,118. PUBLISHED OCTOBER 20, 1925.

210,468. HEAD PHONES, EARPIECES, DETECTORS OF CRYSTAL, COILS, CRYSTALS, RECEIVING SETS, AMPLIFIERS IN THE NATURE OF LOUD SPEAKERS AND LOUD-SPEAKER HORNS, RHEOSTATS, DIALS, CONDENSERS, CONNECTING BOARDS, VARIOMETERS, COIL HOLDERS. IDEAL RADIOTELEFON- & APPARATE-FABRIK G. M. B. H. (VERKAUFSBURO), Berlin, Germany.
Filed July 1, 1925. Serial No. 216,725. PUBLISHED DECEMBER 29, 1925.

210,469. PREPARATION FOR CLEANING, DRESSING, PRESERVING, AND POLISHING LEATHER AND ENAMELED GOODS. E. BROWN & SON (BLACKING AND BOOT POLISH MANUFACTURERS), LTD., London, England.
Filed August 18, 1925. Serial No. 219,027. PUBLISHED DECEMBER 15, 1925.

210,470. GASOLINE, KEROSENE, LUBRICATING OILS, AND GREASES. THE NATIONAL AUTOMOBILE SERVICE CORPORATION, Detroit, Mich.
Filed August 17, 1925. Serial No. 218,986. PUBLISHED DECEMBER 22, 1925.

210,471. BUCKWHEAT FLOUR, GRANULATED MEAL, LAYING MASH, SCRATCH FEED, BRAN, WHITE MIDDLING, MIXED FEED, DAIRY RATION. GEORGE Q. MOON & COMPANY, INC., Binghamton, N. Y.
Filed August 14, 1925. Serial No. 218,864. PUBLISHED DECEMBER 22, 1925.

210,472. CHECKS, LETTERHEADS, CHECK BOOKS, BOOK-LINING PAPERS, BOOKBINDINGS, AND LOOSE-LEAF-BINDING DEVICES. THE J. C. HALL COMPANY, Providence, R. I.
Filed August 21, 1925. Serial No. 219,181. PUBLISHED DECEMBER 29, 1925.

210,473. FRESH CHERRIES. THE REYNOLDS PRESERVING COMPANY, Sturgeon Bay, Wis.
Filed August 21, 1925. Serial No. 219,204. PUBLISHED DECEMBER 29, 1925.

210,474. LADIES' UNDERGARMENTS AND UNDERWEAR OF KNITTED OR TEXTILE FABRIC. ERNEST W. ROBISCHON, New York, N. Y.
Filed August 28, 1925. Serial No. 219,495. PUBLISHED DECEMBER 8, 1925.

210,475. RADIO RECEIVING SETS AND PARTS THEREOF. PLAZA MUSIC CO., New York, N. Y.
Filed August 27, 1925. Serial No. 219,451. PUBLISHED DECEMBER 29, 1925.

210,476. BEDSTEADS, COTS, CRIBS, AND COUCHES. SIMMONS COMPANY, New York, N. Y.
Filed August 28, 1925. Serial No. 219,500. PUBLISHED DECEMBER 29, 1925.

210,477. COAL. THE C. G. BLAKE COMPANY, INC., Cincinnati, Ohio.
Filed August 31, 1925. Serial No. 219,572. PUBLISHED DECEMBER 22, 1925.

210,478. FRAMES FOR PICTURES, PHOTOGRAPHS, AND THE LIKE. CALIFORNIA CARD MANUFACTURING CO., San Francisco, Calif.
Filed August 31, 1925. Serial No. 219,576. PUBLISHED DECEMBER 29, 1925.

210,479. BLANK BOOKS AND PRINTING PAPER. PERKINS & SQUIER COMPANY, New York, N. Y.
Filed August 31, 1925. Serial No. 219,598. PUBLISHED DECEMBER 15, 1925.

210,480. COVER PAPER. STRATHMORE PAPER COMPANY, Mittineague, Mass.
Filed August 31, 1925. Serial No. 219,612. PUBLISHED DECEMBER 15, 1925.

210,481. CONSTRUCTION MATERIALS. CELLO PRODUCTS INCORPORATED, New York, N. Y.
Filed September 4, 1925. Serial No. 219,803. PUBLISHED DECEMBER 15, 1925.

210,482. CARBURIZING BOXES, CARBURIZING POTS, RADIATOR SHELLS (HOUSE HEATING), HEAT REGISTERS, STOVE PARTS, LAMP PARTS, BOILER PARTS, FURNACE PARTS, SOOT-CLEANING APPARATUS, VAPORIZER TUBES, ALL COATED WITH METAL. CHEMICAL TREATMENT COMPANY, INC., New York, N. Y.
Filed September 4, 1925. Serial No. 219,810. PUBLISHED DECEMBER 29, 1925.

210,483. DIETETICAL PRODUCTS CONSISTING OF A MIXTURE OF MALT, EGGS, MILK, OATS, AND COCOA. A. & W. LINDT, Bern, Switzerland.
Filed September 4, 1925. Serial No. 219,827. PUBLISHED DECEMBER 22, 1925.

210,484. VARNISHES. GREAT LAKES VARNISH WORKS, INC., Chicago, Ill.
Filed September 8, 1925. Serial No. 219,961. PUBLISHED NOVEMBER 3, 1925.

210,485. BUTTER. HENNINGSEN CREAMERY CO., Tacoma, Wash.
Filed September 9, 1925. Serial No. 219,966. PUBLISHED DECEMBER 22, 1925.

210,486. WRAPPING PAPER AND TOILET PAPER. JOSEPH WEIL & SONS, INC., Chicago, Ill.
Filed September 8, 1925. Serial No. 220,004. PUBLISHED DECEMBER 15, 1925.

210,487. MACHINES OF THE RECORD TYPE FOR REPRODUCING SOUND ELECTRICALLY. THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill.
Filed September 11, 1925. Serial No. 220,108. PUBLISHED DECEMBER 15, 1925.

210,488. LUBRICATING OILS AND GREASES. MASURY-YOUNG COMPANY, Charlestown, Mass.
Filed September 14, 1925. Serial No. 220,244. PUBLISHED DECEMBER 22, 1925.

210,489. ELECTRIC DIMMING SWITCHES AND CONTROLS FOR VEHICLE HEADLIGHTS. WILLIAM C. MERRILL, Jr., doing business as Controlite Manufacturing Co., Chicago, Ill.
Filed June 7, 1924. Serial No. 198,243. PUBLISHED DECEMBER 15, 1925.

210,490. MACHINES FOR SCRUBBING CARPETS WITH WATER OR OTHER SUITABLE CLEANSING AGENTS, WASHING MACHINES, AND CURTAIN, DOILY, AND BLANKET DRYING MACHINES. CHIEF MANUFACTURING COMPANY, Indianapolis, Ind.
Filed September 1, 1923. Serial No. 185,242. PUBLISHED DECEMBER 5, 1925.

210,491. RADIOPANELS. JULIUS SCHMID, INC., New York, N. Y.
Filed January 6, 1925. Serial No. 207,762. PUBLISHED DECEMBER 15, 1925.

210,492. RADIO RECEIVING SETS, LOUD SPEAKERS, AERIAL LOOPS, AND HEAD PHONES. ALADDIN MFG. COMPANY, Muncie, Ind.
Filed January 26, 1925. Serial No. 208,630. PUBLISHED DECEMBER 15, 1925.

210,493. PHONOGRAPHS. MAY WATERSON, doing business as Universal Phonograph Company Manufacturers, New York, N. Y.
Filed March 5, 1925. Serial No. 210,592. PUBLISHED DECEMBER 15, 1925.

210,494. TALKING MACHINES, TALKING-MACHINE REPAIR OR REPLACEMENT PARTS. J. A. FISCHER COMPANY, Philadelphia, Pa.
Filed April 13, 1925. Serial No. 212,602. PUBLISHED DECEMBER 15, 1925.

210,495. CANNED FRUITS. GHOSN GHOSN, doing business as G. Ghosn Canning Co., Mossyrock, Ajlune, and Salkum, Wash.
Filed May 28, 1925. Serial No. 215,006. PUBLISHED DECEMBER 1, 1925.

210,496. ELECTRIC ADVERTISING SIGNS. EDWARD G. NEALE, doing business as Neale, Inc., Los Angeles, Calif.
Filed June 24, 1925. Serial No. 216,351. PUBLISHED DECEMBER 8, 1925.

210,497. ELECTRIC WAX SEALING MACHINES. JOHANNES KAULKE, doing business as Industrial Apparatus and Instrument Co., Newark, N. J.
Filed July 21, 1925. Serial No. 217,676. PUBLISHED DECEMBER 8, 1925.

210,498. LOUD SPEAKERS. TRI-EGGON A.-G., Zurich, Switzerland.
Filed July 23, 1925. Serial No. 217,806. PUBLISHED DECEMBER 8, 1925.

210,499. RADIO RECEIVING SETS AND PARTS THEREOF. CONTINENTAL TIRE CORPORATION, Chicago, Ill.
Filed July 31, 1925. Serial No. 218,166. PUBLISHED DECEMBER 15, 1925.

210,500. TRINKET BOXES, SWEET BOXES, BISCUIT BOXES, TEA CADDIES, JEWEL BOXES, HANDKERCHIEF BOXES, GLOVE BOXES, STATIONERY BOXES, PLAYING-CARD BOXES, CARD TRAYS, CIGARETTE BOXES, CIGAR BOXES, STAMP BOXES, WATCH STANDS, AND STRING BOXES NOT MADE OF PRECIOUS METAL. ERHARD & SÖHNE A. G., Gmund, Germany.
Filed August 10, 1925. Serial No. 218,614. PUBLISHED NOVEMBER 17, 1925.

210,501. MALE-GENITAL-ORGAN SPLINT. WILLIAM NATHANSON, Chicago, Ill.
Filed August 12, 1925. Serial No. 218,769. PUBLISHED DECEMBER 15, 1925.

210,502. CUCUMBERS PICKLED, PRESERVED, OR IN THEIR NATURAL STATE. M. WOLFF & SONS, Chicago, Ill.
Filed August 12, 1925. Serial No. 218,783. PUBLISHED DECEMBER 15, 1925.

210,503. WRITING INK IN LIQUID AND POWDERED FORM. SIDNEY LICHFIELD, Kansas City, Mo.
Filed August 21, 1925. Serial No. 219,191. PUBLISHED DECEMBER 8, 1925.

210,504. LOUD SPEAKERS AND PARTS THEREOF. REICHMANN COMPANY, Chicago, Ill.
Filed August 26, 1925. Serial No. 219,410. PUBLISHED DECEMBER 8, 1925.

210,505. OILSTONES, SHARPENING STONES, AND ABRASIVE IMPLEMENTS. A. GOODRICH, MANUFACTURER, INC., Chicago, Ill.
Filed August 29, 1925. Serial No. 219,533. PUBLISHED NOVEMBER 3, 1925.

210,506. MOUTH HARMONICAS. M. HOHNER, INC., New York, N. Y.
Filed September 3, 1925. Serial No. 219,745. PUBLISHED DECEMBER 8, 1925.

210,507. ELECTRIC DRIVING LIGHTS, COMMONLY CALLED SPOTLIGHTS, FOR VEHICLES. LORRAINE CORPORATION, Chicago, Ill.
Filed September 4, 1925. Serial No. 219,828. PUBLISHED DECEMBER 8, 1925.

210,508. NEWSPAPER FEATURE ARTICLES. FAMOUS FEATURES SYNDICATE, INC., New York, N. Y.
Filed October 27, 1925. Serial No. 222,373. PUBLISHED DECEMBER 20, 1925.

210,509. CHOCOLATE MALTED MILK. THE PANGO MILK CHOCOLATE COMPANY, Toledo, Ohio.
Filed October 26, 1925. Serial No. 222,339. PUBLISHED DECEMBER 22, 1925.

210,510. MAGAZINE PUBLISHED PERIODICALLY. SIMMONS-BOARDMAN PUBLISHING CO., New York, N. Y.
Filed October 23, 1925. Serial No. 222,198. PUBLISHED DECEMBER 29, 1925.

210,511. MAGAZINE PUBLISHED PERIODICALLY. SIMMONS-BOARDMAN PUBLISHING CO., New York, N. Y.
Filed October 23, 1925. Serial No. 222,197. PUBLISHED DECEMBER 22, 1925.

210,512. MAGAZINE PUBLISHED PERIODICALLY. SIMMONS-BOARDMAN PUBLISHING CO., New York, N. Y.
Filed October 23, 1925. Serial No. 222,196. PUBLISHED DECEMBER 22, 1925.

210,513. BRASSIÈRES, GIRDLE AND BRASSIÈRE COMBINATIONS, GIRDLES, AND CORSETS. H. A. GRUNEWALD AND L. P. KELLER, Chicago, Ill.
Filed October 23, 1925. Serial No. 222,180. PUBLISHED DECEMBER 22, 1925.

210,514. TOILET SOAP. THE BEAVER SOAP COMPANY, Dayton, Ohio.
Filed October 23, 1925. Serial No. 222,158. PUBLISHED DECEMBER 15, 1925.

210,515. ARTISTS' COLORS. WINSOR & NEWTON, LTD., London, England.
Filed October 22, 1925. Serial No. 222,150. PUBLISHED DECEMBER 22, 1925.

210,516. COATING PREPARATIONS OF THE NATURE OF LACQUERS MIXED OR NOT MIXED WITH PIGMENTS. TOCH BROTHERS, INCORPORATED, New York, N. Y.
Filed October 21, 1925. Serial No. 222,096. PUBLISHED DECEMBER 22, 1925.

210,517. SPICES. JOSEPH BURNETT COMPANY, Boston, Mass.
Filed October 20, 1925. Serial No. 222,032. PUBLISHED DECEMBER 29, 1925.

210,518. A PREPARED FOOD CONSISTING PRINCIPALLY OF NUTS. JOHN EDMOND HEARN, New York, N. Y.
Filed October 20, 1925. Serial No. 222,028. PUBLISHED DECEMBER 22, 1925.

210,519. COAL. RAY COUNTY COAL CO., Richmond, Mo.
Filed October 19, 1925. Serial No. 221,977. PUBLISHED DECEMBER 22, 1925.

210,520. BRASSIÈRES, AND COMBINATION UNDERGARMENTS FOR WOMEN AND GIRLS, MADE OF TEXTILE FABRICS, INCLUDING A COMBINATION BRASSIÈRE AND STEP-IN. LORETTA F. TIGHE, doing business as Youthfulform Brassière Co., New York, N. Y.
Filed October 15, 1925. Serial No. 221,790. PUBLISHED DECEMBER 22, 1925.

210,521. FURNITURE AND AUTOMOBILE BODY POLISHES, TOP DRESSING, ENGINE ENAMEL, AND TIRE PAINT. JOHN T. STANLEY CO., INC., New York, N. Y.
Filed October 15, 1925. Serial No. 221,783. PUBLISHED DECEMBER 22, 1925.

210,522. PAINT ENAMELS, LACQUERS, AND VARNISHES. BAKELITE CORPORATION, New York, N. Y.
Filed October 12, 1925. Serial No. 221,591. PUBLISHED DECEMBER 22, 1925.

210,523. CARDBOARD, CALENDAR BOARD, BOX BOARD, POSTAL CARD, RAILROAD BOARD, AND BRISTOL BOARD. THE BEVERIDGE PAPER COMPANY, Indianapolis, Ind.
Filed October 10, 1925. Serial No. 221,535. PUBLISHED DECEMBER 15, 1925.

210,524. SHEET MUSIC AND MUSIC BOOKS. RICHARD LITOLFF, doing business as Henry Litolff's Verlag, Brunswick, Germany.
Filed March 8, 1923. Serial No. 177,134. PUBLISHED OCTOBER 16, 1923.

210,525. CEREAL BREAKFAST FOOD. Mrs. R. C. MASSEY and Mrs. E. W. CAIRNCROSS, Boise, Idaho.
Filed December 5, 1922. Serial No. 172,951. PUBLISHED DECEMBER 22, 1925.

210,526. BRASSIÈRES. BLUE BIRD BRASSIERE COMPANY, New York, N. Y.
Filed November 11, 1922. Serial No. 171,826. PUBLISHED DECEMBER 22, 1925.

210,527. FRATERNITY BADGES, LAPEL BUTTONS; SCARF, LAPEL, AND BREAST PINS; CUFF LINKS, TIE CLASPS, CHARMS, FINGER RINGS, BELT BUCKLES, AND ORNAMENTAL SHIELDS, ALL OF PRECIOUS METAL. SIGMA NU PHI FRATERNITY (LEGAL), Washington, D. C.
Filed July 11, 1923. Serial No. 183,087. PUBLISHED DECEMBER 8, 1925.

210,528. COAL. BLUE BEAVER COAL CO. INC., Detroit, Mich., assignor to Blue Beaver Elkhorn Fuel Company, Inc., Detroit, Mich.
Filed November 15, 1923. Serial No. 188,358. PUBLISHED DECEMBER 29, 1925.

210,529. SECTIONAL PIPE COVERING. JOHNS-MANVILLE INCORPORATED, New York, N. Y.
Filed July 18, 1922. Serial No. 167,046. PUBLISHED DECEMBER 22, 1925.

210,530. CERTAIN ENGINEERING APPLIANCES. SCHUTTE & KOERTING COMPANY, Philadelphia, Pa.
Filed August 30, 1921. Serial No. 152,386. PUBLISHED DECEMBER 15, 1925.

210,531. DEVICES FOR TESTING APPARATUS FOR TREATMENT BY ELECTRONIC REACTIONS. VERNE GILLMORE, doing business as St. Paul Physico-Clinical Laboratory, St. Paul, Minn.
Filed November 10, 1923. Serial No. 188,203. PUBLISHED DECEMBER 29, 1925.

210,532. CHASSIS OF AUTOMOTIVE VEHICLES AND COMPONENT PARTS THEREOF. THE PIERCE-ARROW MOTOR CAR COMPANY, Buffalo, N. Y.
Filed October 6, 1923. Serial No. 186,665. PUBLISHED DECEMBER 22, 1925.

210,533. AUTOMOBILES OR TAXICABS. VESS JONES, New York, N. Y.
Filed October 6, 1923. Serial No. 186,646. PUBLISHED DECEMBER 15, 1925.

210,534. CRACKERS. THE SCHUST COMPANY, Saginaw, Mich.
Filed April 7, 1925. Serial No. 212,416. PUBLISHED DECEMBER 22, 1925.

210,535. NONMETALLIC GEAR WHEELS AND GEAR-WHEEL BLANKS. GENERAL ELECTRIC COMPANY, Schenectady, N. Y.
Filed February 4, 1924. Serial No. 191,766. PUBLISHED JANUARY 5, 1926.

210,536. HANDSAWS. E. C. ATKINS & COMPANY, Indianapolis, Ind.
Filed January 10, 1924. Serial No. 190,625. PUBLISHED DECEMBER 15, 1925.

210,537. WASHING COMPOUND. HOUSEHOLD NECESSITY COMPANY, San Francisco, Calif.
Filed December 20, 1923. Serial No. 189,937. PUBLISHED DECEMBER 15, 1925.

210,538. STRINGS OF PEARLS AND REPRODUCTIONS OF PEARLS OR IMITATIONS THEREOF. L. HELLER & SON, INC., New York, N. Y.
Filed July 25, 1924. Serial No. 200,494. PUBLISHED DECEMBER 8, 1925.

210,539. FILLER, PRIMER, SEALER, AND SURFACER. THE LOWE BROTHERS COMPANY, Dayton, Ohio.
Filed October 29, 1925. Serial No. 222,512. PUBLISHED DECEMBER 22, 1925.

210,540. INK FOR STENCIL ADDRESSING MACHINES. RAPID ADDRESSING MACHINE COMPANY, New York, N. Y.
Filed October 27, 1925. Serial No. 222,401. PUBLISHED DECEMBER 29, 1925.

210,541. COOKIES, CAKES, CRACKERS, AND BISCUITS. THE PURITY BISCUIT COMPANY, Salt Lake City, Utah.
Filed October 27, 1925. Serial No. 222,397. PUBLISHED DECEMBER 22, 1925.

210,542. A HOUSE NEWSPAPER, BEING A PERIODICAL PUBLICATION PUBLISHED ABOUT EVERY TWO MONTHS. PRUDENCE-BONDS CORPORATION, New York, N. Y.
Filed December 11, 1923. Serial No. 189,519. PUBLISHED DECEMBER 29, 1925.

210,543. FLOOR AND WALL TILES OF CLAY. THE MOSAIC TILE COMPANY, Zanesville, Ohio.
Filed June 25, 1924. Serial No. 199,122. PUBLISHED DECEMBER 8, 1925.

210,544. ELECTRIC SIGNAL LAMPS FOR ELECTRIC PLUGS AND LAMP-CARRYING ELECTRIC CAPS AND ELECTRIC-LAMP CALL SYSTEMS. HARVEY HUBBELL, INCORPORATED, Bridgeport, Conn.
Filed June 7, 1924. Serial No. 198,238. PUBLISHED DECEMBER 29, 1925.

210,545. MATERIAL FOR TREATING CONCRETE, INCLUDING STUCCO, TO EXPOSE AGGREGATE THEREIN. CONCRETE SURFACE CORPORATION, New York, N. Y.
Filed June 6, 1924. Serial No. 198,175. PUBLISHED AUGUST 12, 1924.

210,546. CEMENT FOR PIPE JOINTS AND ANALOGOUS USES. THE ARCO COMPANY, Cleveland, Ohio.
Filed April 10, 1925. Serial No. 212,470. PUBLISHED JUNE 9, 1925.

210,547. CAPS OR CLOSURE DEVICES FOR BOTTLES AND OTHER CONTAINERS. THE OWENS BOTTLE COMPANY, Toledo, Ohio.
Filed May 1, 1925. Serial No. 213,665. PUBLISHED DECEMBER 29, 1925.

210,548. ELECTRICAL SAFETY SIGNALING LIGHTS AND SYSTEMS OF LIGHTS AND SEMAPHORES, ELECTRICAL DOOR MOTORS, ELECTRICAL CONTROL APPARATUS FOR DOOR OPERATION, ELECTRICAL CONTROL APPARATUS FOR STEP OPERATION, ELECTRICAL CONTROL APPARATUS FOR DOOR AND STEP OPERATION, ELECTRICAL STEP-OPERATING MOTORS. NATIONAL PNEUMATIC COMPANY, New York, N. Y.
Filed May 2, 1925. Serial No. 213,722. PUBLISHED DECEMBER 29, 1925.

210,549. BOOKS AND INSTRUCTION PAPERS USED IN CONNECTION WITH A CORRESPONDENCE COURSE. RAILWAY TRAINING INSTITUTE, Chicago, Ill.
Filed May 2, 1925. Serial No. 213,735. PUBLISHED DECEMBER 15, 1925.

210,550. LANDING NET FOR FISHERMEN. CARLOS G. YOUNG, San Francisco, Calif.
Filed July 6, 1925. Serial No. 216,959. PUBLISHED AUGUST 25, 1925.

210,551. RADIO RECEIVING SETS AND PARTS THEREOF—NAMELY, DIALS, KNOBS, AUDIO TRANSFORMERS, RADIOTRANSFORMERS, VARIOMETERS, COUPLERS, SOCKETS, AND SPEAKERS. NORTHWESTERN RADIO MFG. CO., Portland, Oreg.
Filed April 21, 1925. Serial No. 213,098. PUBLISHED DECEMBER 29, 1925.

210,552. BASE TO WHICH STUCCO AND PLASTER IS TO BE APPLIED. THE FLINT-ROCK STUCCO COMPANY, Ingomar and Dayton, Ohio.
Filed July 9, 1925. Serial No. 217,080. PUBLISHED OCTOBER 20, 1925.

210,553. STORE-WINDOW CONSTRUCTION. NEW YORK METAL STORE FRONTS CO., INC., New York, N. Y.
Filed July 13, 1925. Serial No. 217,286. PUBLISHED DECEMBER 29, 1925.

210,554. BUTTONS FOR ATTACHMENT TO WEARING APPAREL, MANUFACTURED FROM SYNTHETIC AND NATURAL RAW MATERIALS—VIZ, PEARL, JET, IVORY, CRYSTAL, PORCELAIN, WOOD, BRASS, BASE METAL, HORN, BONE, SILK, CLOTH, TAFFETA, GLASS, STEEL, COMPOSITION PAPER, CROCHET, AND RHINESTONE BUTTONS SET IN BASE METAL. B. BLUMENTHAL & CO., New York, N. Y.
Filed July 27, 1925. Serial No. 217,918. PUBLISHED DECEMBER 22, 1925.

210,555. TALKING MACHINES AND RECORDS FOR TALKING MACHINES. HOMOPHON-COMPANY GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, Berlin, Germany.
Filed July 29, 1925. Serial No. 218,061. PUBLISHED DECEMBER 8, 1925.

210,556. GUMMED PAPER TAPE. MID-STATES GUMMED PAPER COMPANY, Chicago, Ill.
Filed July 31, 1925. Serial No. 218,196. PUBLISHED DECEMBER 15, 1925.

210,557. ASPHALTS AND COMPOSITIONS EMBODYING ASPHALT AND LIKE BITUMINOUS MATERIALS SOLD AS A RAW OR PARTLY-PREPARED MATERIAL. H. H. ROBERTSON COMPANY, Pittsburgh, Pa.
Filed August 1, 1925. Serial No. 218,273. PUBLISHED NOVEMBER 3, 1925.

210,558. COLD LIQUID ASPHALT, BITUMINOUS CEMENTS, WATERPROOF COATINGS, ROOFING COMPOSITIONS, TREESEAL, AND VARIOUS BITUMINOUS EMULSIONS. BITUTECT INC., Los Angeles, Calif.
Filed August 6, 1925. Serial No. 218,465. PUBLISHED DECEMBER 15, 1925.

210,559. CUTLERY OF BASE METAL. HYDE MANUFACTURING COMPANY, Southbridge, Mass.
Filed August 6, 1925. Serial No. 218,490. PUBLISHED JANUARY 5, 1926.

210,560. FOUNTAIN PENS. THE MOORE PEN CO., Boston, Mass.
Filed August 8, 1925. Serial No. 218,564. PUBLISHED DECEMBER 15, 1925.

210,561. FOUNTAIN PENS. THE MOORE PEN CO., Boston, Mass.
Filed August 8, 1925. Serial No. 218,565. PUBLISHED DECEMBER 15, 1925.

210,562. FOUNTAIN PENS. THE MOORE PEN CO., Boston, Mass.
Filed August 8, 1925. Serial No. 218,566. PUBLISHED DECEMBER 15, 1925.

210,563. CERTAIN SMOKERS' ARTICLES. ERHARD & SÖHNE A. G., Gmund, Germany.
Filed August 10, 1925. Serial No. 218,615. PUBLISHED NOVEMBER 17, 1925.

210,564. BIB AND FAUCET WASHERS. WOODWARD-WANGER COMPANY, Philadelphia, Pa.
Filed July 25, 1925. Serial No. 217,909. PUBLISHED JANUARY 5, 1926.

210,565. WIND AND PERCUSSION MUSICAL INSTRUMENTS—NAMELY, CORNETS, TRUMPETS, FRENCH HORNS, TENOR AND BASS HORNS, MELLOPHONES, ALTOS, TROMBONES, BARITONES, EUPHONIUMS, E♭ TUBA, CLARINETS, FLUTES, OBOES, BASSOONS, SAXOPHONES, TYMPANI, BUGLES, AND DRUMS; AND ALSO PARTS AND ACCESSORIES APPERTAINING TO SAID INSTRUMENTS—VIZ, MOUTHPIECES, MUTES, VALVES, WATER KEYS, BELLS, REEDS, PEDALS, DRUMSTICKS, AND DRUMHEADS. VINCENT BACH CORPORATION, New York, N. Y.
Filed August 14, 1925. Serial No. 218,841. PUBLISHED DECEMBER 15, 1925.

210,566. WIND AND PERCUSSION MUSICAL INSTRUMENTS—NAMELY, CORNETS, TRUMPETS, FRENCH HORNS, TENOR AND BASS HORNS, MELLOPHONES, ALTOS, TROMBONES, BARITONES, EUPHONIUMS, E♭ TUBA, CLARINETS, FLUTES, OBOES, BASSOONS, SAXOPHONES, TYMPANI, BUGLES, AND DRUMS; AND ALSO PARTS AND ACCESSORIES APPERTAINING TO SAID INSTRUMENTS—VIZ, MOUTHPIECES, MUTES, VALVES, WATER KEYS, BELLS, REEDS, PEDALS, DRUMSTICKS, AND DRUMHEADS. VINCENT BACH CORPORATION, New York, N. Y.
Filed August 14, 1925. Serial No. 218,842. PUBLISHED DECEMBER 15, 1925.

210,567. MATTRESSES. ELECTRIC CITY MATTRESS WORKS, INC., Schenectady, N. Y.
Filed May 20, 1925. Serial No. 214,591. PUBLISHED SEPTEMBER 8, 1925.

210,568. WIND AND PERCUSSION MUSICAL INSTRUMENTS—NAMELY, CORNETS, TRUMPETS, FRENCH HORNS, TENOR AND BASS HORNS, MELLOPHONES, ALTOS, TROMBONES, BARITONES, EUPHONIUMS, E♭ TUBA, CLARINETS, FLUTES, OBOES, BASSOONS, SAXOPHONES, TYMPANI, BUGLES, AND DRUMS; AND ALSO PARTS AND ACCESSORIES APPERTAINING TO SAID INSTRUMENTS—VIZ, MOUTHPIECES, MUTES, VALVES, WATER KEYS, BELLS, REEDS, PEDALS, DRUMSTICKS, AND DRUMHEADS. VINCENT BACH CORPORATION, New York, N. Y.
Filed August 14, 1925. Serial No. 218,840. PUBLISHED DECEMBER 15, 1925.

210,569. TEA. NATIONAL GROCERY COMPANY, Jersey City, N. J.
Filed August 13, 1925. Serial No. 218,824. PUBLISHED DECEMBER 29, 1925.

210,570. BRASSIÈRES, CORSETS, WOMEN'S UNDERWEAR OF TEXTILE FABRIC—NAMELY, CHEMISES, BLOOMERS, UNDERSHIRTS, PANTALETS, AND DRAWERS. THE BOTSHFORM BRASSIÈRE CO., New York, N. Y.
Filed August 12, 1925. Serial No. 218,730. PUBLISHED DECEMBER 22, 1925.

210,571. PHOTOGRAPHIC PRINTS AND ENLARGEMENTS. ANSCO PHOTOPRODUCTS, INC., Binghamton, N. Y.
Filed August 11, 1925. Serial No. 218,683. PUBLISHED DECEMBER 15, 1925.

210,572. CORSETS. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed October 31, 1925. Serial No. 222,604. PUBLISHED DECEMBER 22, 1925.

210,573. WOMEN'S SHOES MADE OF LEATHER, RUBBER, AND FABRIC AND COMBINATIONS OF THE SAME. CHICAGO MAIL ORDER COMPANY, Chicago, Ill.
Filed November 2, 1925. Serial No. 222,662. PUBLISHED DECEMBER 22, 1925.

210,574. SASH WEIGHTS. AMERICAN SASHWEIGHT CO., INC., New York, N. Y.
Filed November 3, 1925. Serial No. 222,728. PUBLISHED DECEMBER 22, 1925.

210,575. FIRE BRICK. ACME BRICK COMPANY, Fort Worth, Tex.
Filed October 31, 1925. Serial No. 222,589. PUBLISHED DECEMBER 29, 1925.

210,576. PANCAKE FLOUR. LEWIS R. DONELSON, JR., Memphis, Tenn.
Filed October 31, 1925. Serial No. 222,600. PUBLISHED DECEMBER 22, 1925.

210,577. STENCIL CARDS. RAPID ADDRESSING MACHINE COMPANY, New York, N. Y.
Filed October 27, 1925. Serial No. 222,404. PUBLISHED DECEMBER 22, 1925.

210,578. STENCIL CARDS. RAPID ADDRESSING MACHINE COMPANY, New York, N. Y.
Filed October 27, 1925. Serial No. 222,405. PUBLISHED DECEMBER 22, 1925.

210,579. AXES, HATCHETS, ADZES, MACHETES, TERCADOS, CHISELS, BOWIE KNIVES, KITCHEN KNIVES, SWORDS, AUGERS, BORING BITS, LANZAS, LANCITAS, JINCOLAS, ARPONES, SICKLES, MILL PICKS, WEDGES, SHOVELS, SPADES, STONE AND ROCK DRILLS, CROWBARS, MATTOCKS, HOES, PICKS, BARRAS, CAVADORES, BARRETONES, PALAS, TARPALAS, SLEDGES, HAMMERS, PLOWS, AND PLOW PARTS. THE COLLINS COMPANY, Collinsville, Conn.
Filed October 28, 1925. Serial No. 222,441. PUBLISHED JANUARY 5, 1926.

210,580. WINDOW VENTILATORS AND ROOF VENTILATORS. WALTER B. GILBERT, doing business as Walter B. Gilbert & Co., York, Pa.
Filed October 29, 1925. Serial No. 222,504. PUBLISHED DECEMBER 29, 1925.

210,581. MEN'S, WOMEN'S, AND CHILDREN'S SHOES MADE OF LEATHER, FABRIC, RUBBER, AND COMBINATIONS OF THE SAME. WIZARD LIGHTFOOT APPLIANCE COMPANY, St. Louis, Mo.
Filed October 16, 1925. Serial No. 221,864. PUBLISHED DECEMBER 22, 1925.

210,582. GROUND-JOINT MALLEABLE-IRON BRONZE SEAT UNIONS. STAR MANUFACTURING COMPANY, INC., Providence, R. I.
Filed October 26, 1925. Serial No. 222,350. PUBLISHED DECEMBER 29, 1925.

210,583. ADDRESSING MACHINES. RAPID ADDRESSING MACHINE COMPANY, New York, N. Y. (Under ten-year proviso.)
Filed October 27, 1925. Serial No. 222,402. PUBLISHED JANUARY 5, 1926.

210,584. MONKEY WRENCHES, PIPE WRENCHES, CHAIN WRENCHES, PIPE CUTTERS, AND PIPE VISES. TRIMONT MANUFACTURING COMPANY INCORPORATED, Boston, Mass.
Filed October 17, 1925. Serial No. 221,936. PUBLISHED JANUARY 5, 1926.

210,585. MINERAL FEED FOR POULTRY. MOORMAN MFG. CO., Quincy, Ill.
Filed October 26, 1925. Serial No. 222,332. PUBLISHED DECEMBER 22, 1925.

210,586. COATING PREPARATIONS OF THE NATURE OF LACQUERS MIXED OR NOT MIXED WITH PIGMENTS. TOCH BROTHERS, INCORPORATED, New York, N. Y.
Filed October 24, 1925. Serial No. 222,290. PUBLISHED DECEMBER 22, 1925.

210,587. CURTAIN HOLDBACKS. FRANCIS A. COKEFAIR, doing business as Curtenir Company, Seattle, Wash.
Filed October 26, 1925. Serial No. 222,307. PUBLISHED DECEMBER 29, 1925.

210,588. FABRIC GLOVES. GOESSLING AND FERRE, INC., New York, N. Y.
Filed October 24, 1925. Serial No. 222,235. PUBLISHED DECEMBER 22, 1925.

210,589. GASOLINE-HOSE NOZZLES. C-V EQUIPMENT CORPORATION, Utica, N. Y.
Filed October 24, 1925. Serial No. 222,222. PUBLISHED DECEMBER 22, 1925.

210,590. METAL-CLEANING COMPOUNDS, BUFFS, POLISHING WHEELS, AND EMERY WHEELS. BRUCE PRODUCTS CORPORATION, Detroit, Mich.
Filed October 24, 1925. Serial No. 222,219. PUBLISHED DECEMBER 15, 1925.

210,591. FERTILIZERS. SOUTHERN FERTILIZER & CHEMICAL COMPANY, doing business as Darlington Guano Company, Savannah, Ga.
Filed October 19, 1925. Serial No. 221,979. PUBLISHED DECEMBER 29, 1925.

210,592. DRY-CLEANING DETERGENTS. AMERICAN DISINFECTING COMPANY, Sedalia, Mo.
Filed November 4, 1925. Serial No. 222,774. PUBLISHED DECEMBER 15, 1925.

210,593. MONTHLY MAGAZINE. THE MORGAN COMPANY, Peoria, Ill.
Filed November 5, 1925. Serial No. 222,861. PUBLISHED DECEMBER 29, 1925.

210,594. SOAP. THE PALMOLIVE COMPANY, Chicago, Ill.
Filed November 5, 1925. Serial No. 222,870. PUBLISHED DECEMBER 15, 1925.

210,595. GROUND HÆMATITE, MAGNETITE, AND GROUND IRON ORES. PFALTZ & BAUER, INC., New York, N. Y.
Filed October 6, 1925. Serial No. 221,335. PUBLISHED DECEMBER 29, 1925.

210,596. PREPARATION FOR SOFTENING AND STRENGTHENING LEATHER. AMID DUBON COMPANY, New York, N. Y.
Filed October 7, 1925. Serial No. 221,344. PUBLISHED DECEMBER 15, 1925.

210,597. SHINGLE STRIPS. THE CONTINENTAL ROOFING & MFG. CO., Baltimore, Md.
Filed October 7, 1925. Serial No. 221,351. PUBLISHED DECEMBER 15, 1925.

210,598. HOSE NOZZLES. MUELLER BRASS CO., Port Huron, Mich.
Filed October 9, 1925. Serial No. 221,496. PUBLISHED DECEMBER 15, 1925.

210,599. HOSE NOZZLES. MUELLER BRASS CO., Port Huron, Mich.
Filed October 9, 1925. Serial No. 221,497. PUBLISHED DECEMBER 15, 1925.

210,600. CERTAIN RAILWAY-TRACK SPECIALTIES. TRACK SPECIALTIES COMPANY, New York, N. Y.
Filed October 9, 1925. Serial No. 221,520. PUBLISHED DECEMBER 29, 1925.

210,601. ASPHALT. R. B. TYLER COMPANY, INC., Louisville, Ky.
Filed October 9, 1925. Serial No. 221,521. PUBLISHED DECEMBER 29, 1925.

210,602. TISSUE PAPER. DIAMOND MILLS PAPER CO., New York, N. Y.
Filed October 10, 1925. Serial No. 221,539. PUBLISHED DECEMBER 15, 1925.

210,603. MONTHLY PRINTED PERIODICAL OR TRADE PAPER. LYMAN PUBLISHING CORPORATION, New York, N. Y.
Filed October 10, 1925. Serial No. 221,557. PUBLISHED DECEMBER 15, 1925.

210,604. COMPLETELY-PRINTED BOOKS, MAGAZINES, PICTURES, AND PRINTS, INCLUDING ETCHINGS, WATER COLORS, CRAYON DRAWINGS, AND OIL PRINTS. HENRY B. MCCURDY, Lawrence, Kans.
Filed October 10, 1925. Serial No. 221,558. PUBLISHED DECEMBER 15, 1925.

210,605. COAL. HIMYAR COAL COMPANY, Lexington, Ky.
Filed October 12, 1925. Serial No. 221,609. PUBLISHED DECEMBER 15, 1925.

210,606. FLOUR FROM HARD MANITOBA WHEAT AND PATENT FLOUR FROM HARD MANITOBA WHEAT. ALEXANDER B. KATZIN, doing business as Consolidated Flour Mills of Canada, New York, N. Y.
Filed October 12, 1925. Serial No. 221,617. PUBLISHED DECEMBER 29, 1925.

210,607. CARTOONS IN PERFORATED SHEET FORM. CHARLES E. HOWELL, New York, N. Y.
Filed October 14, 1925. Serial No. 221,703. PUBLISHED DECEMBER 15, 1925.

210,608. COAL. THE RICHVEIN COAL COMPANY, Cincinnati, Ohio.
Filed October 14, 1925. Serial No. 221,717. PUBLISHED DECEMBER 22, 1925.

210,609. SOAP. JOHN T. STANLEY CO., INC., New York, N. Y.
Filed October 15, 1925. Serial No. 221,786. PUBLISHED DECEMBER 15, 1925.

210,610. SEWING-MACHINE NEEDLES. A. SCHULDER & SONS, New York, N. Y.
Filed October 16, 1925. Serial No. 221,853. PUBLISHED JANUARY 5, 1926.

210,611. BUILDING INSULATION, CALCINED GYPSUM, WALL PLASTERS, GYPSUM TILE, AND PLASTER BOARD. UNITED STATES GYPSUM COMPANY, Chicago, Ill.
Filed October 16, 1925. Serial No. 221,859. PUBLISHED DECEMBER 15, 1925.

210,612. WHITE SAND, GOLF-TEE SAND, PLAY-GROUND SAND. DEL MONTE PROPERTIES COMPANY, San Francisco, Calif.
Filed September 16, 1925. Serial No. 220,275. PUBLISHED DECEMBER 15, 1925.

210,613. STOCK FEED—NAMELY, HORSE AND MULE FEED. BLACK & WHITE MILLING COMPANY, East St. Louis, Ill.
Filed September 15, 1925. Serial No. 220,285. PUBLISHED DECEMBER 22, 1925.

210,614. RUBBER-COVERED HOSE. THE B. F. GOODRICH COMPANY, New York, N. Y.
Filed September 15, 1925. Serial No. 220,289. PUBLISHED JANUARY 5, 1926.

210,615. RUBBER-COVERED HOSE. THE B. F. GOODRICH COMPANY, New York, N. Y.
Filed September 18, 1925. Serial No. 220,403. PUBLISHED JANUARY 5, 1926.

210,616. ENAMELED KITCHEN AND COOKING UTENSILS AND DISHES. THE MCCLARY MFG. CO., London, Ontario, Canada.
Filed September 19, 1925. Serial No. 220,460. PUBLISHED DECEMBER 22, 1925.

210,617. ICE-CREAM POWDER. CHITTENDEN, TURNER & COMPANY, INC., Boston, Mass.
Filed September 21, 1925. Serial No. 220,497. PUBLISHED DECEMBER 22, 1925.

210,618. LIQUID GLASS CLEANER. C-IT PRODUCTS CORPORATION, Moline, Ill.
Filed September 21, 1925. Serial No. 220,498. PUBLISHED DECEMBER 15, 1925.

210,619. WEEKLY PUBLICATION. SOCIETE ANONYME L'EUROPE NOUVELLE, Paris, France.
Filed September 22, 1925. Serial No. 220,624. PUBLISHED DECEMBER 15, 1925.

210,620. MAILING CONTAINER FOR POST CARDS, PICTURES, AND LIKE ARTICLES. J. C. BARDELL, doing business as Bardell Art Printing Co., San Francisco, Calif.
Filed September 23, 1925. Serial No. 220,636. PUBLISHED DECEMBER 22, 1925.

210,621. NOVELTIES—NAMELY, BANNERS, FLAGS, PENNANTS, METAL AND RIBBON BADGES, EMBLEM BUTTONS, AND CAMPAIGN BUTTONS. DAVID B. HARRIS, doing business as "Ace" Badge, Button and Medal Company, New York, N. Y.
Filed September 23, 1925. Serial No. 220,655. PUBLISHED DECEMBER 29, 1925.

210,622. MOTOR TRUCKS. THE HUG COMPANY, Highland, Ill.
Filed September 24, 1925. Serial No. 220,718. PUBLISHED DECEMBER 15, 1925.

210,623. BUTTER, CHEESE, AND EVAPORATED MILK. P. E. SHARPLESS COMPANY, Philadelphia, Pa.
Filed September 28, 1925. Serial No. 220,924. PUBLISHED DECEMBER 22, 1925.

210,624. ACCORDIONS, PIANOS, ZITHERS, BANJOS, GUITARS, MANDOLINS, AND UKULELES. AARON BURDWISE, Baltimore, Md.
Filed April 22, 1925. Serial No. 213,114. PUBLISHED DECEMBER 29, 1925.

210,625. COMPOSITE MATERIAL CONSISTING OF FIBROUS MATERIAL AND A CONDENSATION-PRODUCT BINDER. FIBROC INSULATION COMPANY, Valparaiso, Ind.
Filed April 25, 1925. Serial No. 213,291. PUBLISHED DECEMBER 29, 1925.

210,626. CAPS OR CLOSURE DEVICES FOR BOTTLES AND OTHER CONTAINERS. THE OWENS BOTTLE COMPANY, Toledo, Ohio.
Filed May 1, 1925. Serial No. 213,664. PUBLISHED DECEMBER 22, 1925.

[ACT OF MARCH 19, 1920. SEC. 1 (b)].
THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

210,627. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN DANIEL SUGARSKI, Elyria, Ohio. Filed Jan. 18, 1926. Serial No. 226,084.

JEANS
VAPOR JELLY

Particular description of goods.—Preparation for the Treatment of Colds and Ailments of the Respiratory Organs.
Claims use since Nov. 11, 1924.

210,628. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BURNETT'S INC., Newark, N. J. Filed Jan. 11, 1926. Serial No. 225,766.

Burnett's

Particular description of goods.—Bird Wash, Tonic and Louse Powder for Birds and Poultry, Diarrhea Remedy for Chicks.
Claims use since Apr. 11, 1905.

210,629. (CLASS 31. FILTERS AND REFRIGERATORS.) ARLINGTON REFRIGERATOR CO., INC., Arlington, Vt. Filed Jan. 2, 1926. Serial No. 225,395.

Reliable

Particular description of goods.—Refrigerators.
Claims use since August, 1912.

210,630. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) STAHMER COAL COMPANY, Chicago, Ill. Filed Dec. 18, 1925. Serial No. 224,884.

HI-TEST

Particular description of goods.—Coal.
Claims use since October, 1924.

210,631. (CLASS 39. CLOTHING.) D'ANDREA BROTHERS, INC., New York, N. Y. Filed Dec. 14, 1925. Serial No. 224,654.

D'Andrea

Particular description of goods.—Men's Business Suits, Dinner Suits, Dress Suits, Cutaways, Overcoats, Knickerbockers, Trousers, Dress Shirts, Negligee Shirts, Work Shirts, and Undershirts of Knitted, Netted, or Textile Fabric; Collars, Ties, Sweaters, Sweater Jackets, Hosiery, Bathing Suits, Beach Robes, House Robes, Underwear of Knitted, Netted, and Textile Fabrics; Slippers of Leather, Rubber, Fabric, or Combinations Thereof; and Pyjamas.
Claims use since January, 1912.

210,632. (CLASS 12. CONSTRUCTION MATERIALS.) TROY GRANITE GRAVEL CO., Purcell and Troy, Okla. Filed Nov. 24, 1925. Serial No. 223,824.

TROY

Particular description of goods.—Granite Sand and Gravel, Decomposed Granite With Clay Binder for Road and Street Surfacing.
Claims use since Aug. 1, 1923.

210,633. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JESSE A. DIETZEN, Frankton, Ind. Filed Nov. 19, 1925. Serial No. 223,505.

CORNTOP

Particular description of goods.—Bread.
Claims use since Oct. 1, 1923.

210,634. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRED W. GREGG, doing business as Reoid Co., Los Angeles, Calif. Filed Nov. 4, 1925. Serial No. 222,788.

Sex

Reconstructive

Particular description of goods.—Reconstructive Tonic to the Nerve and Brain Cells and Genito-Urinary Organs, Impotence, Aphrodisiac, Nervous, and Cerebral Disorders.
Claims use since Apr. 5, 1924.

210,635. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN B. ELLISON & SONS, Philadelphia, Pa. Filed July 6, 1925. Serial No. 216,897.

Quality

Particular description of goods.—Fabrics Made From Wool, Worsted, Cotton, or Mixtures Thereof.
Claims use since September, 1912.

210,636. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) STANDARD VETERINARY PRODUCTS CO., INC., Philadelphia, Pa. Filed Oct. 13, 1925. Serial No. 221,675.

STANDARD

Particular description of goods.—Witch-Hazel Compound, Insecticides, and Disinfectants.
Claims use since Feb. 10, 1922.

210,637. (CLASS 39. CLOTHING.) BLUARK KNITTING MILLS, Bay City, Mich. Filed Nov. 12, 1925. Serial No. 223,159.

Triple Knit

Particular description of goods.—Sweaters.
Claims use since Feb. 14, 1923.

210,638. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AUGUSTE CASSÉUS, Paris, France. Filed May 20, 1925. Serial No. 214,585.

Prof. THIRY'S HEALTH CAPSULES

Particular description of goods.—Capsules Taken Internally for the Treatment of Obesity.
Claims use since July 1, 1924.

210,639. (CLASS 12. CONSTRUCTION MATERIALS.) MILDRED L. STAFFORD, doing business as J. C. Hidden Mfg. Co., Middleboro, Mass. Filed May 18, 1925. Serial No. 214,510.

HIDDEN

Particular description of goods.—Built-In Ironing Boards, Broom Closets, Medicine Cabinets, Breakfast Nooks, China Closets, Telephone Stands, Bookcases, Kitchen Cabinets, Linen Cabinets, Bathroom Cabinets, Pantry Cases, Kitchen Work Tables, Dressers, Dish Compartments, Wall Chairs, Cereal and Plate Warmers, and Colonnades.
Claims use since January, 1925.

210,640. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) HELEN FRANCES KAHN, Woodmere, N. Y. Filed May 15, 1925. Serial No. 214,365.

HandiPurs

Particular description of goods.—Leather Pocketbooks.
Claims use since Jan. 1, 1925.

210,641. (CLASS 12. CONSTRUCTION MATERIALS.) ACME BRICK COMPANY, Fort Worth, Tex. Filed Apr. 27, 1925. Serial No. 213,346.

MULBERRY

Particular description of goods.—Brick.
Claims use since Nov. 1, 1923.

210,642. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) AMERICAN LACE LEATHER COMPANY, INC., Richmond, Va. Filed Apr. 6, 1925. Serial No. 212,225.

HOLD FAST

Particular description of goods.—Lacings for Leather Belts.
Claims use since Jan. 1, 1925.

210,643. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HELENA J. TITUS, New York, N. Y. Filed Apr. 4, 1925. Serial No. 212,220.

RED RASPBERRY

Particular description of goods.—Rouges and Lip Sticks.
Claims use since Oct. 1, 1923.

210,644. (CLASS 12. CONSTRUCTION MATERIALS.) LYNFORD HAMILTON, doing business as Hamilton Construction Company, Philadelphia, Pa. Filed Dec. 11, 1925. Serial No. 224,358.

BIAS BRIX

Particular description of goods.—Fire Bricks and Fire-Brick Linings.
Claims use since January, 1925.

210,645. (CLASS 45. BEVERAGES, NONALCOHOLIC.) ALVARO A. ARAUJO, Brooklyn, N. Y. Filed Dec. 11, 1925. Serial No. 224,542.

GUARANA

Guaraná Champagne

Particular description of goods.—Nonalcoholic, Noncereal, Maltless Beverage Sold as a Soft Drink and Sirup for Making the Same.
Claims use since Jan. 1, 1923.

210,646. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BALL & TWEEDY, Downey, Calif. Filed Nov. 30, 1925. Serial No. 223,991.

EGYPTIAN

Particular description of goods.—Fresh Citrous Fruits.
Claims use since Jan. 1, 1922.

210,647. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CALIFORNIA ROCK SALT CO., Los Angeles, Calif. Filed Sept. 4, 1925. Serial No. 219,802.

Perfection

Particular description of goods.—Packaged Table Salt.
Claims use since May, 1924.

210,648. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COLOMBO COMMERCIAL COMPANY, LTD., Colombo, Ceylon. Filed Sept. 3, 1925. Serial No. 219,719.

EVERTON

Particular description of goods.—Tea.
Claims use since Jan. 24, 1918.

210,649. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COLOMBO COMMERCIAL COMPANY, LTD., Colombo, Ceylon. Filed Sept. 3, 1925. Serial No. 219,717.

EGERTON

Particular description of goods.—Tea.
Claims use since Jan. 24, 1918.

210,650. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HELENA J. TITUS, New York, N. Y. Filed Apr. 4, 1925. Serial No. 212,219.

PASTEURIZED CREAM

Particular description of goods.—Facial and Massage Creams.
Claims use since Mar. 1, 1923.

210,651. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EMIL SIEBEL, doing business as Emil Siebel Company, St. Louis, Mo. Filed Mar. 9, 1925. Serial No. 210,750.

CALOMELIZED
RHUBARB AND OLIVE OIL
COMPOUND

Particular description of goods.—Medicinal Preparation for the Treatment of Constipation and General Intestinal Disorders.
Claims use since Nov. 1, 1924.

210,652. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CLYDE M. GEARHART, doing business as Dental Laboratory Products Company, Washington, D. C., assignor to Dental Laboratory Products Company, Washington, D. C., a Corporation of Delaware. Filed Feb. 3, 1925. Serial No. 209,032.

GUM-RUB

Particular description of goods.—Dental Preparation for Massaging and Stimulating the Gums.
Claims use since Feb. 3, 1925.

210,653. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) J. C. CORDER, Hinton, Okla. Filed Jan. 31, 1925. Serial No. 208,899.

J. C. CORDER'S OINTMENT

Particular description of goods.—Ointment for Piles, Burns, Scalds, Ringworm, Eczema, and Cuts.
Claims use since Jan. 1, 1925.

210,654. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) FORT SMITH BODY COMPANY, INC., Fort Smith, Ark. Filed Jan. 22, 1925. Serial No. 208,462.

Johnston

Particular description of goods.—Commercial, Freight, and Passenger Vehicle Bodies.
Claims use since Oct. 1, 1924.

210,655. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) GLENDALE ENGINEERING CO., Glendale, Calif. Filed Jan. 5, 1925. Serial No. 207,661.

AIRDISK

Particular description of goods.—Automobile Brakes and Truck Brakes.
Claims use since Nov. 15, 1924.

210,656. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DAVID M. TUNSTEAD, doing business as Purity Products Co., East Orange, N. J. Filed Nov. 8, 1924. Serial No. 205,040.

SALT WATER CREAM

Particular description of goods.—Skin Creams.
Claims use since Nov. 1, 1924.

210,657. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LES ETABLISSEMENTS POULENC FRERES, Paris France. Filed Oct. 9, 1924. Serial No. 203,622.

SOLUBYL

Particular description of goods.—Double Iodine of Quinine and of Bismuth.
Claims use since May 2, 1924.

210,658. (CLASS 2. RECEPTACLES.) CHARLES H. HARE, doing business as Wichita Falls Pattern Works, Wichita Falls, Tex. Filed Dec. 23, 1925. Serial No. 225,093.

UTILE

Particular description of goods.—Wooden Ice Bowls.
Claims use since Dec. 1, 1924.

210,659. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE HELMET COMPANY, Cincinnati, Ohio. Filed Dec. 10, 1925. Serial No. 224,760.

MILTON GORDON

Particular description of goods.—Nuts, Candy Coated, Chocolate Coated and Roasted; Chewing Gum, Chocolate.
Claims use since October, 1923.

210,660. (CLASS 45. BEVERAGES, NONALCOHOLIC.) L. STEINBERGER & SONS, INC., Jersey City, N. J. Filed Dec. 26, 1925. Serial No. 225,205.

WITH THE TASTE THAT TEMPTS

Particular description of goods.—Nonalcoholic, Non-cereal, Maltless Beverages Sold as Soft Drinks and Sirups for Making the Same.
Claims use since Jan. 15, 1915.

210,661. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GERARD MURO, Brooklyn, N. Y. Filed Dec. 29, 1925. Serial No. 225,273.

MURO

Particular description of goods.—Olive Oil, Spanish Olives, Vinegar Peppers, Grated Cheese, Pickled Vegetables, Cottonseed Oil.
Claims use since August, 1924.

210,662. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WHITE FEATHER HATCHERY, INC., Fairmont, Minn. Filed Jan. 5, 1926. Serial No. 225,534.

DAY OLD
SUPER QUALITY
STURDY CHICKS

Particular description of goods.—Baby Chicks.
Claims use since Mar. 1, 1923.

210,663. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ANN FOX CORPORATION, New York, N. Y., assignor to Loft, Incorporated, New York, N. Y. Filed May 5, 1925. Serial No. 213,825.

"The Different Kind"

Particular description of goods.—Candy.
Claims use since Jan. 9, 1925.

210,664. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE SUMTER PACKING COMPANY, INC., Sumter, S. C. Filed July 29, 1925. Serial No. 218,090.

CAROLINA

Particular description of goods.—Canned Vegetables.
Claims use since Jan. 1, 1925.

TRADE-MARK REGISTRATIONS RENEWED

26,748. LEATHER BELTING. Registered July 2, 1895. CHARLES A. SCHIEREN & CO. Renewed July 2, 1925, to Chas. S. Schieren Company, New York, N. Y., a Corporation of New York, assignee.

27,604. FILTERS. Registered January 7, 1896. THEODORE LINKE, New York, N. Y. Renewed January 7, 1926.

27,620. A CERTAIN PROPRIETARY PREPARATION. THE BRANDRETH COMPANY, Sing Sing, N. Y. Renewed January 7, 1926, to The Salva-Cea Company, Inc., Ossining and New York, N. Y., a Corporation of New York, assignee.

27,754. WIRE GOODS. Registered February 4, 1896. OAKVILLE COMPANY. Renewed February 4, 1926, to Scoville Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut, assignee.

27,785. REMEDIES FOR SKIN DISEASES. Registered February 11, 1896. KNOLL & Co., Ludwigshafen, Germany. Renewed February 11, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

27,845. WRAPPERS AND TEA GOWNS. Registered February 25, 1896. IDEAL MANUFACTURING COMPANY, Tilton, N. H., a Corporation of New Hampshire. Renewed February 25, 1926.

27,896. CERTAIN NAMED REMEDIES. Registered March 3, 1896. MAJERT & EBERS, Grunau, Germany. Renewed March 3, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

27,914. INTERNAL-COMBUSTION ENGINES. Registered March 3, 1896. THE OTTO GAS ENGINE WORKS, Philadelphia, Pa. Renewed March 3, 1926, to The Otto Engine Works, Camden, N. J., and Philadelphia, Pa., a Corporation of New Jersey, successor.

27,944. DYESTUFFS. Registered March 10, 1896. BADISCHE ANILIN AND SODA FABRIK, Ludwigshafen, Germany. Renewed March 10, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

27,945. DYESTUFFS. Registered March 10, 1896. BADISCHE ANILIN & SODA FABRIK, Ludwigshafen, Germany. Renewed March 10, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

28,021. CLEANING AND POLISHING PREPARATIONS AND WASH BLUE. Registered March 24, 1896. FRIEDERICH A. SCHULZ and GUSTAVE AD. PHILLIPP, Leipzig, Germany. Renewed March 24, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

28,095. OLEOMARGARINE. Registered April 7, 1896. CAPITAL CITY DAIRY CO. Renewed April 7, 1926, to The Capital City Products Company, Columbus, Ohio, a Corporation of Delaware, successor.

28,192. STARCH AND STARCH PREPARATIONS. Registered April 28, 1896. ULMER REISSTARKE-FABRIK HEINRICH MACK, Ulm-on-the-Danube, Germany. Renewed April 28, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

28,193. STARCH, STARCH AND BORAX PREPARATIONS, SOAP, SOAP POWDERS, AND BLUE. Registered April 28, 1896. ULMER REISSTARKE-FABRIK HEINRICH MACK, Ulm-on-the-Danube, Germany. Renewed April 28, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

28,280. EYE SALVE. Registered May 19, 1896. JOHN PRICE HAYTER, Decatur, Tex. Renewed May 19, 1926, to John Price Hayter, Waco, Tex.

28,385. COMPOSITION COATING OR VARNISHES. Registered June 16, 1896. THE DAVID B. CROCKETT COMPANY. Renewed June 16, 1926, to David B. Crockett Company, doing business as The Bissell Varnish Company, Bridgeport, Conn., a Corporation of Connecticut.

28,399. WHEAT FLOUR. Registered June 16, 1896. JOHN BIRD COMPANY, Rockland, Me., a Corporation of Maine. Renewed June 16, 1926.

28,428. WRITING PAPERS. Registered June 23, 1896. CAREW MANUFACTURING COMPANY, South Hadley Falls, Mass., a Corporation of Massachusetts. Renewed June 23, 1926.

28,446. TEA. Registered June 23, 1896. L. H. PARKE & Co. Renewed June 23, 1926, to L. H. Parke Company, Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

28,452. HAMS, BACON, PRESSED MEATS, SAUSAGE, COOKED MEATS, SHOULDERS, SHORTENINGS, AND OTHER PROVISIONS. Registered June 23, 1896. Swift & Company, Chicago, Ill., a Corporation of Illinois. Renewed June 23, 1926.

28,463. SHELLS FOR USE IN SHOTGUNS. Registered June 23, 1896. WINCHESTER REPEATING ARMS COMPANY, New Haven, Conn., a Corporation of Connecticut. Renewed June 23, 1926.

28,564. AMMONIA, CATCHUP, AND SAUCE. Registered July 7, 1896. EDWARD PRITCHARD, New York, N. Y. Renewed July 7, 1926.

28,610. BICYCLES AND OTHER VELOCIPEDES AND PARTS THEREOF. Registered July 14, 1896. REMINGTON ARMS CO., Ilion, N. Y. Renewed July 14, 1926, to Remington Arms Company, Inc., Bridgeport, Conn., and Ilion and New York, N. Y., a Corporation of Delaware, assignee.

45,396. ROOFING SLATE. Registered August 15, 1905. THE PROVIDENT SLATE COMPANY. Renewed August 15, 1925, to Provident Slate Company, Slatington, Pa.

46,224. LINIMENT. Registered September 12, 1905. MORRIS SPIEGEL. Renewed September 12, 1925, to M. Spiegel & Sons, Inc., Albany, N. Y., a Corporation of New York, successor.

46,919. A REMEDY FOR DYSPEPSIA. Registered October 17, 1905. GEO. C. FRYE. Renewed October 17, 1925, to George C. Frye Company, Portland, Me., a Corporation of Maine, successor.

47,949. MOLASSES. Registered November 28, 1905. P. DUFF & SONS. Renewed November 28, 1925, to P. Duff & Sons, Inc., Pittsburgh, Pa., a Corporation of Pennsylvania, successor.

47,963. WORM PELLETS. Registered November 28, 1905. THE W. H. COMSTOCK COMPANY, LIMITED, Morristown, N. Y., a Corporation of Canada. Renewed November 28, 1925.

48,027. TROUSERS. Registered December 5, 1905. DUTCHESS MANUFACTURING CO. Renewed December 5, 1925, to Dutchess Manufacturing Company, Poughkeepsie, N. Y., a Corporation of New York.

48,051. MOLASSES. Registered December 5, 1905. P. DUFF & SONS. Renewed December 5, 1925, to P. Duff & Sons, Inc., Pittsburgh, Pa., a Corporation of Pennsylvania, successor.

48,060. SIRUPS AND MOLASSES. Registered December 5, 1905. STEUART, KNATZ & CO. Renewed December 5, 1925, to Robert St. J. Steuart, doing business as Steuart, Son & Company, Baltimore, Md., assignee.

48,073. MOLASSES. Registered December 5, 1905. P. DUFF & SONS. Renewed December 5, 1925, to P. Duff & Sons, Inc., Pittsburgh, Pa., a Corporation of Pennsylvania, successor.

48,273. WOOLEN DRESS GOODS. Registered December 19, 1905. BOTANY WORSTED MILLS, Passaic, N. J., and New York, N. Y. Renewed December 19, 1925, to Botany Worsted Mills, Passaic, N. J., a Corporation of New Jersey

48,644. NATURAL ROCK OR HYDRAULIC CEMENT, LIME, AND PLASTER. Registered January 9, 1906. THE NEWARK LIME & CEMENT MFG. CO., Newark, N. J., and Rondout, N. Y. Renewed January 9, 1926, to Newark Plaster Company, Newark, N. J., a Corporation of New Jersey, assignee.

48,680. A REMEDY FOR INTERNAL OR EXTERNAL USE. Registered January 9, 1906. CURTIS AND BROWN MANUFACTURING COMPANY (LIMITED), New York, N. Y. Renewed January 9, 1926, to Curtis and Brown Manufacturing Company (Limited), Boston, Mass., a Corporation of New York.

48,751. TOOTH POWDER. Registered January 9, 1906. CURTIS AND BROWN MANUFACTURING COMPANY (LIMITED), New York, N. Y. Renewed January 16, 1926, to Curtis and Brown Manufacturing Company (Limited), Boston, Mass., a Corporation of New York.

48,918. WORM MEDICINE. Registered January 16, 1906. CURTIS AND BROWN MANUFACTURING COMPANY (LIMITED), New York, N. Y. Renewed January 16, 1926, to Curtis and Brown Manufacturing Company (Limited), Boston, Mass., a Corporation of New York.

48,921. BAKING POWDER, CREAM OF TARTAR, AND BAKING SODA. Registered January 16, 1906. E. R. DURKEE & CO., New York, N. Y. Renewed January 16, 1926, to E. R. Durkee & Co., Elmhurst, New York, N. Y.

48,942. CONDENSED MILK. Registered January 16, 1906. ST. CHARLES CONDENSING CO., St. Charles, Ill. Renewed January 16, 1926, to The Borden Company, New York, N. Y., a Corporation of New Jersey, assignee.

48,969. SALVES. Registered January 16, 1906. WIDAME COMPANY, Fairmount, Ind. Renewed January 16, 1926, to Walter L. Jay, Loogootee, Ind., successor.

48,985. SEEDS AND PREPARED MIXTURES OF SEEDS AS FOOD FOR BIRDS AND FOWLS. Registered January 16, 1906. E. R. DURKEE & CO., New York, N. Y. Renewed January 16, 1926, to E. R. DURKEE & CO., Elmhurst, New York, N. Y.

48,986. SPICES AND MUSTARD. Registered January 16, 1906. E. R. DURKEE & CO., New York, N. Y. Renewed January 16, 1926, to E. R. Durkee & Co., Elmhurst, New York, N. Y.

48,992. WHEAT FLOUR. Registered January 16, 1906. HEZEL MILLING COMPANY, East St. Louis, Ill., a Corporation of Illinois. Renewed January 16, 1926.

49,081. CONDENSED MILK. Registered January 23, 1906. ST. CHARLES CONDENSING CO., St. Charles, Ill. Renewed January 23, 1926, to The Borden Company, New York, N. Y., a Corporation of New Jersey, assignee.

49,094. GLOVES. Registered January 23, 1906. FOWNES BROTHERS & CO., London, England, and New York, N. Y. Renewed January 23, 1926, to Fownes Brothers & Co. Inc., Gloversville, Amsterdam, and New York, N. Y., a Corporation of New York, assignee.

49,100. ELECTRICAL APPLIANCES. Registered January 23, 1906. THE HART MANUFACTURING COMPANY. Renewed January 23, 1926, to The Hart Manufacturing Company, Hartford, Conn., a Corporation of Connecticut, assignee.

49,102. CANDY. Registered January 23, 1906. THE MURRACH COMPANY. Renewed January 23, 1926, to Frederick W. Lipps Co., Inc., Baltimore, Md., a Corporation of Maryland, assignee.

49,144. ANVILS. Registered January 23, 1906. CARL F. BOKER. Renewed January 23, 1926, to H. Boker & Co., Inc., New York, N. Y., a Corporation of New York, assignee.

49,276. WHEAT FLOUR. Registered January 30, 1906. HEZEL MILLING COMPANY, East St. Louis, Ill., a Corporation of Illinois. Renewed January 30, 1926.

49,283. CATHETERS AND BOUGIES. Registered January 30, 1906. JOHNSON & JOHNSON, New Brunswick, N. J., a Corporation of New Jersey. Renewed January 30, 1926.

49,430. PISTOLS. Registered February 6, 1906. COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed February 6, 1926.

49,478. FOUNTAIN PENS. Registered February 6, 1906. L. E. WATERMAN COMPANY, New York, N. Y., a Corporation of New York. Renewed February 6, 1926.

49,481. RESTORED OR DEVULCANIZED RUBBER. Registered February 6, 1906. PHILADELPHIA RUBBER WORKS. Renewed February 6, 1926, to The Philadelphia Rubber Works Company, Philadelphia, Pa., a Corporation of Delaware, assignee.

49,559. PILLS. Registered February 13, 1906. ALLCOCK MANUFACTURING CO., New York, N. Y. Renewed February 13, 1926, to Allcock Manufacturing Co., New York and Ossining, N. Y., a Corporation of New York.

49,572. A PREPARATION OF BROMIDE. Registered February 13, 1906. PEACOCK CHEMICAL CO., St. Louis, Mo., a Corporation of Missouri. Renewed February 13, 1926.

49,581. WORM SIRUP. Registered February 13, 1906. DR. C. A. VOORHEES ESTATE. Renewed February 13, 1926, to Margaret Voorhees Doyle, executrix, doing business as Dr. C. A. Voorhees Estate, Philadelphia, Pa., successor.

49,667. STARCH AND DEXTRIN. Registered February 13, 1906. NORDDEUTSCHE KARTOFFELMEHL-FABRIK MIT BESCHRÄNKTER HAFTUNG, Custrin, Germany. Renewed February 13, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

49,699. GUN GREASE. Registered February 13, 1906. WINCHESTER REPEATING ARMS CO., New Haven, Conn., a Corporation of Connecticut. Renewed February 13, 1926.

49,715. FOUNTAIN PENS. Registered February 13, 1906. L. E. WATERMAN COMPANY, New York, N. Y., a Corporation of New York. Renewed February 13, 1926.

49,819. PURGATIVE PILLS. Registered February 20, 1906. THE W. H. COMSTOCK COMPANY, LIMITED, Morristown, N. Y., a Corporation of Canada. Renewed February 20, 1926.

49,833. LINEN CRASH. Registered February 20, 1906. STEVENS LINEN WORKS, Dudley and Boston, Mass., a Corporation of Massachusetts. Renewed February 20, 1926.

49,858. HOSE SUPPORTERS. Registered February 20, 1906. CHRISTINA J. HIGLEY. Renewed February 20, 1926, to C. J. Haley & Co., Inc., New York, N. Y., a Corporation of New York, assignee.

49,860. GOLD-PLATED BADGES. Registered February 20, 1906. IRONS & RUSSELL. Renewed February 20, 1926, to Irons & Russell Company, Providence, R. I., a Corporation of Rhode Island, assignee.

49,911. POTATO FLOUR, POTATO STARCH, AND DEXTRIN. Registered February 20, 1906. NORDDEUTSCHE KARTOFFELMEHL-FABRIK MIT BESCHRÄNKTER HAFTUNG, Custrin, Germany. Renewed February 20, 1926, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

50,054. MEDICINES FOR DISEASES OF THE LIVER. Registered February 27, 1906. PEACOCK CHEMICAL CO., St. Louis, Mo., a Corporation of Missouri. Renewed February 27, 1926.

50,085. PITCH. Registered March 6, 1906. WARREN-EHRET COMPANY. Renewed March 6, 1926, to Warren-Ehret Company, Philadelphia, Pa., a Corporation of Pennsylvania, assignee, by mesne assignments.

50,125. PISTOLS. Registered March 6, 1906. COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed March 6, 1926.

50,188. CORSETS. Registered March 6, 1906. ROYAL WORCESTER CORSET COMPANY, Worcester, Mass., a Corporation of Massachusetts. Renewed March 6, 1926.

50,225. SPICES. Registered March 6, 1906. E. R. DURKEE & CO., New York, N. Y. Renewed March 6, 1926, to E. R. Durkee & Co., Elmhurst, New York, N. Y.

50,238. FLAVORING EXTRACTS. Registered March 6, 1906. JORDAN STABLER COMPANY, Baltimore, Md., a Corporation of Maryland. Renewed March 6, 1926.

50,254. HAIR RESTORATIVES. Registered March 6, 1906. S. R. VAN DUZER, New York, N. Y. Renewed March 6, 1926.

50,255. HAIR RESTORER. Registered March 6, 1906. S. R. VAN DUZER, New York, N. Y. Renewed March 6, 1926.

50,328. SOLID-GOLD BADGES. Registered March 13, 1906. IRONS & RUSSELL. Renewed March 13, 1926, to Irons & Russell Company, Providence, R. I., a Corporation of Rhode Island, assignee.

50,378. TOOTH PASTE. Registered March 13, 1906. JOHNSON & JOHNSON, New Brunswick, N. J., a Corporation of New Jersey. Renewed March 13, 1926.

50,460. PISTOLS. Registered March 20, 1906. COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed March 20, 1926.

50,584. PISTOLS. Registered March 27, 1906. COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed March 27, 1926.

50,585. PISTOLS. Registered March 27, 1906. COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed March 27, 1926.

50,651. WRAPPING PAPER, PAPER BAGS AND SACKS. Registered March 27, 1906. HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed March 27, 1926.

50,675. GELATIN. Registered March 27, 1906. AMERICAN GLUE CO. Renewed March 27, 1926, to Crystal Gelatine Company, Boston, Mass., a Corporation of Massachusetts, assignee, by mesne assignments.

50,727. DYES. Registered March 27, 1906. PAAS DYE COMPANY, Newark, N. J., a Corporation of New Jersey. Renewed March 27, 1926.

50,728. DYES. Registered March 27, 1906. PAAS DYE COMPANY, Newark, N. J., a Corporation of New Jersey. Renewed March 27, 1926.

50,787. GARTERS. Registered March 27, 1906. CHRISTINA J. HIGLEY. Renewed March 27, 1926, to C. J. Haley & Co., Inc., New York, N. Y., a Corporation of New York, assignee.

50,936. CORSETS, CORSET WAISTS, AND CORSET STEELS. Registered April 3, 1906. KOPS BROS. Renewed April 3, 1926, to Kops Bros. Inc., New York, N. Y., a Corporation of New York, assignee.

50,947. COUGH DROPS. Registered April 3, 1906. WILLIAM W. SMITH. Renewed April 3, 1926, to Smith Brothers, Inc., Poughkeepsie, N. Y., a Corporation of New York, assignee.

50,967. CERTAIN NAMED MEDICINE. Registered April 3, 1906. FAIRCHILD BROS. & FOSTER, New York, N. Y., a Corporation of New York. Renewed April 3, 1926.

50,968. A PREPARATION OF HYDROCHLORIC ACID IN COMBINATIONS WITH PROTEID. Registered April 3, 1906. FAIRCHILD BROS. & FOSTER, New York, N. Y., a Corporation of New York. Renewed April 3, 1926.

51,020. LEAD PENCILS. Registered April 3, 1906. EAGLE PENCIL COMPANY. Renewed April 3, 1926, to Eagle Pencil Company, New York, N. Y., a Corporation of Delaware, assignee.

51,070. LEAD PENCILS. Registered April 3, 1906. EAGLE PENCIL COMPANY. Renewed April 3, 1926, to Eagle Pencil Company, New York, N. Y., a Corporation of Delaware, assignee.

51,078. SILVER-PLATED HOLLOW WARE. Registered April 3, 1906. INTERNATIONAL SILVER COMPANY, Meriden, Conn., a Corporation of New Jersey. Renewed April 3, 1926.

51,079. SILVER-PLATED HOLLOW WARE. Registered April 3, 1906. INTERNATIONAL SILVER COMPANY, Meriden, Conn., a Corporation of New Jersey. Renewed April 3, 1926.

51,188. SILVER-PLATED HOLLOW WARE. Registered April 10, 1906. INTERNATIONAL SILVER COMPANY, Meriden, Conn., a Corporation of New Jersey. Renewed April 10, 1926.

51,251. BELT DRESSING. Registered April 10, 1906. STEPHENSON MFG. Co., Albany, N. Y., a Corporation of New York. Renewed April 10, 1926.

51,383. RUBBER COMBS. Registered April 17, 1906. AMERICAN HARD RUBBER Co., New York, N. Y. Renewed April 17, 1926, to American Hard Rubber Co., Hempstead and New York, N. Y., a Corporation of New York.

51,412. RUBBER COMBS. Registered April 17, 1906. AMERICAN HARD RUBBER Co., New York, N. Y. Renewed April 17, 1926, to American Hard Rubber Co., Hempstead and New York, N. Y., a Corporation of New York.

51,413. RUBBER COMBS. Registered April 17, 1906. AMERICAN HARD RUBBER Co., New York, N. Y. Renewed April 17, 1926, to American Hard Rubber Co., Hempstead and New York, N. Y., a Corporation of New York.

51,458. LAMP CHIMNEYS AND LANTERN GLOBES. Registered April 17, 1906. R. E. TONGUE & BROS. Renewed April 17, 1926, to The R. E. Tongue & Bros. Company, Philadelphia, Pa., a Corporation of Delaware, successor.

51,468. COFFEE. Registered April 17, 1906. HILLS BROS. Renewed April 17, 1926, to Hills Bros., San Francisco, Calif, a Corporation of California, successor.

51,513. UPHOLSTERY TEXTILE FABRICS. Registered April 17, 1906. ANDREW MCLEAN Co., Passaic, N. J., and New York, N. Y. Renewed April 17, 1926, to Andrew McLean Co., Passaic, N. J., a Corporation of New Jersey.

51,584. HATS. Registered April 17, 1906. JOSEPH R. GILLEAUDEAU, New York, N. Y. Renewed April 17, 1926, to Short-Gilleaudeau Co., Inc., Danbury, Conn., a Corporation of Connecticut, assignee.

51,654. HEATING AND COOKING STOVES. Registered April 17, 1906. JOLIET STOVE WORKS. Renewed April 17, 1926, to Moore Brothers Company, Joliet, Ill., a Corporation of Illinois, assignee.

51,696. RUBBER COMBS. Registered April 24, 1906. AMERICAN HARD RUBBER Co., New York, N. Y. Renewed April 24, 1926, to American Hard Rubber Co., Hempstead and New York, N. Y., a Corporation of New York.

51,720. RUBBER COMBS. Registered April 24, 1906. AMERICAN HARD RUBBER Co., New York, N. Y. Renewed April 24, 1926, to American Hard Rubber Co., Hempstead and New York, N. Y., a Corporation of New York.

51,721. HARD-RUBBER COMBS. Registered April 24, 1906. AMERICAN HARD RUBBER Co., New York, N. Y. Renewed April 24, 1926, to American Hard Rubber Co., Hempstead and New York, N. Y., a Corporation of New York.

51,830. WOMEN'S, MISSES', AND CHILDREN'S LEATHER BOOTS AND SHOES. Registered April 24, 1906. DOROTHY DODD SHOE COMPANY, Montclair, N. J., and Boston, Mass. Renewed April 24, 1926, to Dorothy Dodd Shoe Company, Boston, Mass., a Corporation of New Jersey.

51,848. LEATHER BOOTS AND SHOES AND LEATHER USED IN THEIR MANUFACTURE. Registered April 24, 1906. RICE & HUTCHINS, INCORPORATED. Renewed April 24, 1926, to Rice & Hutchins, Inc., Boston, Mass., a Corporation of Maine, assignee.

51,860. HARD-RUBBER SYRINGES. Registered April 24, 1906. AMERICAN HARD RUBBER Co., New York, N. Y. Renewed April 24, 1926, to American Hard Rubber Co., Hempstead and New York, N. Y., a Corporation of New York.

51,912. KERSEYS AND CASSIMERES. Registered April 24, 1906. W. J. DICKEY & SONS, INCORPORATED, Baltimore, Md. Renewed April 24, 1926, to W. J. Dickey & Sons Incorporated, Oella, Md., a Corporation of Delaware.

51,950. AN OINTMENT FOR HUMAN USE. Registered April 24, 1906. TRENCH'S REMEDIES, LIMITED, Dublin, Ireland, a Corporation of Great Britain and Ireland. Renewed April 24, 1926.

51,951. MEDICAL PREPARATIONS FOR EXTERNAL AND INTERNAL USE. Registered April 24, 1906. TRENCH'S REMEDIES, LIMITED, Dublin, Ireland, a Corporation of Great Britain and Ireland. Renewed April 24, 1926.

51,993. FOUNTAIN PENS. Registered May 1, 1906. L. E. WATERMAN COMPANY, New York, N. Y., a Corporation of New York. Renewed May 1, 1926.

52,000. LEATHER BOOTS AND SHOES AND LEATHER USED IN THEIR MANUFACTURE. Registered May 1, 1906. RICE & HUTCHINS, INCORPORATED. Renewed May 1, 1926, to Rice & Hutchins, Inc., Boston, Mass., a Corporation of Maine, assignee.

52,034. CORSETS. Registered May 1, 1906. DOWNER HAWES AND COMPANY, INCORPORATED. Renewed May 1, 1926, to La Resista Corset Company, Bridgeport, Conn., a Corporation of Connecticut, assignee.

52,036. ALE. Registered May 1, 1906. THE JAMES HANLEY BREWING Co. Renewed May 1, 1926, to The James Hanley Company, Providence, R. I., a Corporation of Rhode Island, successor.

52,085. HARD-RUBBER COMBS. Registered May 1, 1906. AMERICAN HARD RUBBER Co., New York, N. Y. Renewed May 1, 1926, to American Hard Rubber Co., Hempstead and New York, N. Y., a Corporation of New York.

52,086. HARD-RUBBER COMBS. Registered May 1, 1906. AMERICAN HARD RUBBER Co., New York, N. Y. Renewed May 1, 1926, to American Hard Rubber Co., Hempstead and New York, N. Y., a Corporation of New York.

52,119. PREPARED TAPIOCA. Registered May 1, 1906. WHITMAN GROCERY COMPANY. Renewed May 1, 1926, to Minute Tapioca Co., Orange, Mass., a Corporation of Massachusetts, assignee.

52,151. WHEAT FLOUR. Registered May 1, 1906. LAWRENCEBURG ROLLER MILLS COMPANY, Lawrenceburg, Ind., and Boston, Mass. Renewed May 1, 1926, to Lawrenceburg Roller Mills Company, Lawrenceburg, Ind., a Corporation of Indiana.

52,152. WHEAT FLOUR. Registered May 1, 1906. LAWRENCEBURG ROLLER MILLS COMPANY, Lawrenceburg, Ind., and Boston, Mass. Renewed May 1, 1926, to Lawrenceburg Roller Mills Company, Lawrenceburg, Ind., a Corporation of Indiana.

52,243. CONDENSED MILK. Registered May 1, 1906. BORDEN'S CONDENSED MILK Co., Jersey City, N. J., and New York, N. Y. Renewed May 1, 1926, to The Borden Company, New York, N. Y., a Corporation of New Jersey, assignee.

52,295. PRINTING PAPER. Registered May 8, 1906. DILL & COLLINS Co., Philadelphia, Pa., a Corporation of Pennsylvania. Renewed May 8, 1926.

52,576. FARM WAGONS. Registered May 15, 1906. KENTUCKY WAGON MANUFACTURING COMPANY, Louisville, Ky., a Corporation of Kentucky. Renewed May 15, 1926.

52,692. WHEAT FLOUR. Registered May 15, 1906. BARRETT, DENTON & LYNN COMPANY, Dalton, Ga., a Corporation of Georgia. Renewed May 15, 1926.

52,693. WHEAT FLOUR. Registered May 15, 1906. BARRETT, DENTON & LYNN COMPANY, Dalton, Ga., a Corporation of Georgia. Renewed May 15, 1926.

52,710. MINERAL WATER. Registered May 15, 1906. THE APOLLINARIS COMPANY, LIMITED, London, England, a Corporation of Great Britain. Renewed May 15, 1926.

52,750. GELATIN. Registered May 15, 1906. AMERICAN GLUE Co. Renewed May 15, 1926, to American Glue Company, Boston, Mass., a Corporation of Massachusetts, assignee.

52,757. SILVER-PLATED HOLLOW WARE. Registered May 15, 1906. INTERNATIONAL SILVER COMPANY, Meriden, Conn., a Corporation of New Jersey. Renewed May 15, 1926.

52,770. CANNED FRUITS. Registered May 15, 1906. CALIFORNIA CANNERIES Co., San Francisco, Calif., a Corporation of California. Renewed May 15, 1926.

52,774. WHEAT FLOUR. Registered May 15, 1906. GEO. T. EVANS & SON. Renewed May 15, 1926, to Acme-Evans Company, Indianapolis, Ind., a Corporation of Indiana, assignee.

52,801. GLUE. Registered May 15, 1906. AMERICAN GLUE Co. Renewed May 15, 1926, to American Glue Company, Boston, Mass., a Corporation of Massachusetts, assignee.

52,802. GLUE. Registered May 15, 1906. AMERICAN GLUE Co. Renewed May 15, 1926, to American Glue Company, Boston, Mass., a Corporation of Massachusetts, assignee.

52,807. METALLIC TIPS FOR LEAD PENCILS. Registered May 15, 1906. EAGLE PENCIL COMPANY. Renewed May 15, 1926, to Eagle Pencil Company, New York, N. Y., a Corporation of Delaware, assignee.

52,847. CERTAIN NAMED PAINTERS' SUPPLIES. Registered May 22, 1906. GERSTENDORFER BROS. Renewed May 22, 1926, to Sapolin Co. Inc., New York, N. Y., a Corporation of New York, assignee.

52,848. CERTAIN NAMED ELECTRICAL APPLIANCES. Registered May 22, 1906. THE HART MANUFACTURING COMPANY. Renewed May 22, 1926, to The Hart Manufacturing Company, Hartford, Conn., a Corporation of Connecticut, assignee.

52,855. FARM WAGONS AND DUMP CARTS. Registered May 22, 1906. KENTUCKY WAGON MANUFACTURING COMPANY, Louisville, Ky., a Corporation of Kentucky. Renewed May 22, 1926.

52,856. FARM WAGONS. Registered May 22, 1906. KENTUCKY WAGON MANUFACTURING COMPANY, Louisville, Ky., a Corporation of Kentucky. Renewed May 22, 1926.

52,879. ENVELOPES AND PAPER. Registered May 22, 1906. CHARLES J. COHEN & SON. Renewed May 22, 1926, to Charles J. Cohen Company, Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

52,880. ENVELOPES AND PAPER. Registered May 22, 1906. CHARLES J. COHEN & SON. Renewed May 22, 1926, to Charles J. Cohen Company, Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

52,881. ENVELOPES AND PAPER. Registered May 22, 1906. CHARLES J. COHEN & SON. Renewed May 22, 1926, to Charles J. Cohen Company, Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

52,903. PISTOLS. Registered May 22, 1906. COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed May 22, 1926.

52,904. PISTOLS. Registered May 22, 1906. COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed May 22, 1926.

52,927. SHOTGUNS AND RIFLES. Registered May 22, 1906. WINCHESTER REPEATING ARMS Co., New Haven, Conn., a Corporation of Connecticut. Renewed May 22, 1926.

52,956. FELTED ABSORBENT COTTON. Registered May 22, 1906. JOHNSON & JOHNSON, New Brunswick, N. J., a Corporation of New Jersey. Renewed May 22, 1926.

52,957. FELTED ABSORBENT COTTON. Registered May 22, 1906. JOHNSON & JOHNSON, New Brunswick, N. J., a Corporation of New Jersey. Renewed May 22, 1926.

53,066. A REMEDY FOR THE CURE OF RHEUMATISM AND GOUT. Registered May 22, 1906. ERNST BISCHOFF. Renewed May 22, 1926, to Ernst Bischoff Co. Inc., New York, N. Y., a Corporation of New York, assignee.

53,108. KERSEYS AND CASSIMERES. Registered May 29, 1906. W. J. DICKEY & SONS, INCORPORATED, Baltimore, Md. Renewed May 29, 1926, to W. J. Dickey & Sons, Incorporated, Oella, Md., a Corporation of Delaware.

53,159. PLASTERS. Registered May 29, 1906. ALLCOCK MANUFACTURING Co., New York, N. Y. Renewed May 29, 1926, to Allcock Manufacturing Co., New York and Ossining, N. Y., a Corporation of New York.

53,160. WHEAT FLOUR. Registered May 29, 1906. GEO. T. EVANS & SON. Renewed May 29, 1926, to Acme-Evans Company, Indianapolis, Ind., a Corporation of Indiana, assignee.

53,187. DOLLS. Registered May 29, 1906. STRAWBRIDGE & CLOTHIER. Renewed May 29, 1926, to Strawbridge & Clothier, Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

53,202. BAKING POWDER, CREAM OF TARTAR, SALERATUS, AND BICARBONATE OF SODA. Registered May 29, 1906. E. R. DURKEE & Co., New York, N. Y. Renewed May 29, 1926, to E. R. Durkee & Co., Elmhurst, New York, N. Y.

53,244. SPICES AND MUSTARD. Registered May 29, 1906. E. R. DURKEE & Co., New York, N. Y. Renewed May 29, 1926, to E. R. DURKEE & Co., Elmhurst, New York, N. Y.

53,367. CIGARETTES. Registered May 29, 1906. TEOFANI & Co. Renewed May 29, 1926, to Teofani & Co. Limited, London, England, a Corporation of Great Britain, successor.

53,412. FRUITS AND VEGETABLES IN TINS OR GLASS. Registered June 5, 1906. WM. NUMSEN & SONS, INC., Baltimore, Md., a Corporation of West Virginia. Renewed June 5, 1926.

53,439. WHEAT FLOUR. Registered June 5, 1906. LAWRENCEBURG ROLLER MILLS COMPANY, Lawrenceburg, Ind., and Boston, Mass. Renewed June 5, 1926, to Lawrenceburg Roller Mills Company, Lawrenceburg, Ind., a Corporation of Indiana.

53,451. CLOTHES WRINGERS AND THE PARTS COMPOSING THE SAME. Registered June 5, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed June 5, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

53,453. CLOTHES WRINGERS. Registered June 5, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed June 5, 1926, to American Wringer Company, Woonsocket, R. I., a Corporation of Rhode Island, assignee.

53,454. CLOTHES WRINGERS. Registered June 5, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed June 5, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

53,455. CLOTHES WRINGERS. Registered June 5, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed June 5, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

53,456. CLOTHES WRINGERS. Registered June 5, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed June 5, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

53,457. CLOTHES WRINGERS. Registered June 5, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed June 5, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

53,476. CLOTHES WRINGERS AND PARTS THEREOF. Registered June 5, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed June 5, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

53,477. CLOTHES WRINGERS. Registered June 5, 1906. THE AMERICAN WRINGER COMPANY, New York, N. Y. Renewed June 5, 1926, to American Wringer Company, Inc., Woonsocket, R. I., a Corporation of Rhode Island, assignee.

53,514. MILLS FOR GRINDING. Registered June 5, 1906. THE C. S. BELL CO., Hillsboro, Ohio, a Corporation of Ohio. Renewed June 5, 1926.

53,519. ANTIFRICTION METALS OR ALLOYS. Registered June 5, 1906. MAGNOLIA METAL COMPANY, New York, N. Y., a Corporation of West Virginia. Renewed June 5, 1926.

53,520. ANTIFRICTION METALS OR ALLOYS. Registered June 5, 1906. MAGNOLIA METAL COMPANY, New York, N. Y., a Corporation of West Virginia. Renewed June 5, 1926.

53,529. SEWING MACHINES. Registered June 5, 1906. WILLCOX & GIBBS SEWING MACHINE CO., New York, N. Y., a Corporation of New York. Renewed June 5, 1926.

53,585. HAIR RESTORATIVES. Registered June 5, 1906. S. R. VAN DUZER, New York, N. Y. Renewed June 5, 1926.

53,602. HATS AND CAPS FOR MEN AND BOYS. Registered June 5, 1906. KEITH BROTHERS & CO. Renewed June 5, 1926, to Keith Brothers and Company, Chicago, Ill., a Corporation of Illinois, assignee.

53,631. BALL BEARINGS. Registered June 5, 1906. THE HESS-BRIGHT MANUFACTURING CO. Renewed June 5, 1926, to The Hess-Bright Manufacturing Company, Philadelphia, Pa., a Corporation of Delaware, assignee.

53,634. HATS AND CAPS FOR MEN AND BOYS. Registered June 5, 1906. KEITH BROTHERS & CO. Renewed June 5, 1926, to Keith Brothers and Company, Chicago, Ill., a Corporation of Illinois, assignee.

53,650. BOILERS. Registered June 5, 1906. UTICA HEATER CO. Renewed June 5, 1926, to Utica Heater Company, Utica, N. Y., a Corporation of New York.

53,674. WALL PLASTER, PLASTER OF PARIS, CALCINED PLASTER, AND STUCCO. Registered June 12, 1906. ACME CEMENT PLASTER CO., St. Louis, Mo. Renewed June 12, 1926, to Certain-teed Products Corporation, New York, N. Y., a Corporation of Maryland, assignee.

53,906. PILLS. Registered June 12, 1906. ALLCOCK MANUFACTURING CO., New York, N. Y. Renewed June 12, 1926, to Allcock Manufacturing Co., New York and Ossining, N. Y., a Corporation of New York.

53,912. PRINTED AND PIECE-DYED SILKS. Registered June 12, 1906. CHENEY BROTHERS, South Manchester, Conn., a Corporation of Connecticut. Renewed June 12, 1926.

53,913. EMULSIFIED PREPARATIONS, COUGH MIXTURES, AND LOTIONS. Registered June 12, 1906. A. H. DAYTON and G. T. WIGMORE, administrators of James O. May, deceased. Renewed June 12, 1926, to Donovan & Roberts, Naugatuck, Conn., assignee.

53,933. HAIR TONICS, STAINS, REMOVERS, AND DANDRUFF CURES. Registered June 12, 1906. HOWARD E. NICHOLS, St. Louis, Mo. Renewed June 12, 1926.

53,934. HEMASTATIC, ASTRINGENT, BLOOD-PRESSURE RAISING, AND STIMULATING PREPARATIONS. Registered June 12, 1906. PARKE, DAVIS & CO., Detroit, Mich., and New York, N. Y., a Corporation of Michigan. Renewed June 12, 1926.

53,969. POROUS PLASTERS. Registered June 19, 1906. ALLCOCK MANUFACTURING CO., New York, N. Y. Renewed June 19, 1926, to Allcock Manufacturing Co., New York and Ossining, N. Y., a Corporation of New York.

53,987. LUBRICATING OIL. Registered June 19, 1906. THE SINGER MANUFACTURING COMPANY, New York, N. Y. Renewed June 19, 1926, to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey.

53,994. SHOTGUNS AND RIFLES. Registered June 19, 1906. WINCHESTER REPEATING ARMS CO., New Haven, Conn., a Corporation of Connecticut. Renewed June 19, 1926.

54,026. FOUNDRY FACINGS. Registered June 19, 1906. THE UNITED STATES GRAPHITE CO., Saginaw, Mich., a Corporation of Michigan. Renewed June 19, 1926.

54,034. CARBON PAPER. Registered June 19, 1906. THE CARTER'S INK COMPANY, Boston, Mass. Renewed June 19, 1926, to The Carter's Ink Company, Cambridge, Mass., a Corporation of Massachusetts.

54,072. TYPEWRITER RIBBONS. Registered June 19, 1906. THE CARTER'S INK COMPANY, Boston, Mass., and New York, N. Y. Renewed June 19, 1926, to The Carter's Ink Company, Cambridge, Mass., a Corporation of Massachusetts.

54,093. PILLS. Registered June 19, 1906. ALLCOCK MANUFACTURING CO., New York, N. Y. Renewed June 19, 1926, to Allcock Manufacturing Co., New York and Ossining, N. Y., a Corporation of New York.

54,135. PRINTING AND WRITING PAPER. Registered June 19, 1906. DILL & COLLINS CO., Philadelphia, Pa., a Corporation of Pennsylvania. Renewed June 19, 1926.

54,161. COMFORTS. Registered June 19, 1906. THE CHAS. A. MAISH CO., Cincinnati, Ohio, a Corporation of Ohio. Renewed June 19, 1926.

54,169. COTTON PIECE GOODS. Registered June 19, 1906. INDIAN HEAD MILLS OF ALABAMA, Cordova, Ala., a Corporation of Alabama. Renewed June 19, 1926.

54,178. WOVEN COTTON-PIECE GOODS. Registered June 19, 1906. J. S. REEVES & CO., Nashville, Tenn. Renewed June 19, 1926.

54,226. COLLARS. Registered June 26, 1906. CLUETT, PEABODY & CO. Renewed June 26, 1926, to Cluett, Peabody & Co., Inc., Troy, N. Y., a Corporation of New York, assignee.

54,232. COLLARS. Registered June 26, 1906. CLUETT, PEABODY & CO. Renewed June 26, 1926, to Cluett, Peabody & Co., Inc., Troy, N. Y., a Corporation of New York, assignee.

54,233. COLLARS. Registered June 26, 1906. CLUETT, PEABODY & CO. Renewed June 26, 1926, to Cluett, Peabody & Co., Inc., Troy, N. Y., a Corporation of New York, assignee.

54,234. UNDERWAISTS FOR WOMEN AND CHILDREN. Registered June 26, 1906. THOMAS B. FITZPATRICK, Boston, Mass. Renewed June 26, 1926, to E-Z Waist Company, New York, N. Y., a Corporation of New York, assignee.

54,235. SUSPENSORY BANDAGES. Registered June 26, 1906. JOHNSON & JOHNSON, New Brunswick, N. J., a Corporation of New Jersey. Renewed June 26, 1926.

54,249. SUSPENSORY BANDAGES. Registered June 26, 1906. JOHNSON & JOHNSON, New Brunswick, N. J., a Corporation of New Jersey. Renewed June 26, 1926.

54,257. GUARDS FOR MOWERS, BINDERS, HARVESTERS, AND HEADERS. Registered June 26, 1906. THE WHITMAN & BARNES MANUFACTURING COMPANY, Akron, Ohio, a Corporation of Ohio. Renewed June 26, 1926.

54,268. COLLARS. Registered June 26, 1906. CLUETT, PEABODY & CO. Renewed June 26, 1926, to Cluett, Peabody & Co., Inc., Troy, N. Y., a Corporation of New York, assignee.

54,284. PERIODICAL. Registered June 26, 1906. PAUL KRATZ, Louisville, Ky. Renewed June 26, 1926.

54,302. MEDICINAL PLASTERS. Registered June 26, 1906. ALLCOCK MANUFACTURING CO., New York, N. Y. Renewed June 26, 1926, to Allcock Manufacturing Co., New York and Ossining, N. Y., a Corporation of New York.

54,303. PILLS. Registered June 26, 1906. ALLCOCK MANUFACTURING CO., New York, N. Y. Renewed June 26, 1926, to Allcock Manufacturing Co., New York and Ossining, N. Y., a Corporation of New York.

54,304. SALVES, LINIMENTS, AND POROUS STRENGTHENING PLASTERS. Registered June 26, 1906. ELIZABETH DORT, Buffalo, N. Y. Renewed June 26, 1926.

54,308. MEDICAL AND SURGICAL PLASTERS. Registered June 26, 1906. JOHNSON & JOHNSON, New Brunswick, N. J., a Corporation of New Jersey. Renewed June 26, 1926.

54,309. CATHETERS, STOMACH TUBES, AND BOUGIES. Registered June 26, 1906. JOHNSON & JOHNSON, New Brunswick, N. J., a Corporation of New Jersey. Renewed June 26, 1926.

54,311. SHEETING. Registered June 26, 1906. MINOT, HOOPER & CO., New York, N. Y. Renewed June 26, 1926.

54,368. TALKING-MACHINE RECORDS. Registered June 26, 1906. VICTOR TALKING MACHINE COMPANY, Camden, N. J., a Corporation of New Jersey. Renewed June 26, 1926.

54,377. LARDS. Registered June 26, 1906. THE J. & F. SCHROTH PACKING COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed June 26, 1926.

54,402. CANNED FRUITS. Registered June 26, 1906. CALIFORNIA CANNERIES CO., San Francisco, Calif., a Corporation of California. Renewed June 26, 1926.

54,410. CANNED FRUITS AND VEGETABLES. Registered June 26, 1906. THE BOOTH PACKING COMPANY. Renewed June 26, 1926, to Gibbs & Company, Incorporated, Baltimore, Md., a Corporation of Maryland, assignee.

54,413. CLEANING AND POLISHING SOAP. Registered June 26, 1906. MARSHALL CHEMICAL COMPANY, Marshall, Va. Renewed June 26, 1926, to Carbona Products Company, New York, N. Y., a Corporation of New Jersey, assignee.

54,462. GLUE. Registered June 26, 1906. AMERICAN GLUE CO. Renewed June 26, 1926, to American Glue Company, Boston, Mass., a Corporation of Massachusetts, assignee.

54,470. WHEAT FLOUR. Registered June 26, 1906. LAWRENCEBURG ROLLER MILLS COMPANY, Lawrenceburg, Ind., and Boston, Mass. Renewed June 26, 1926, to Lawrenceburg Roller Mills Company, Lawrenceburg, Ind., a Corporation of Indiana.

54,503. WHEAT FLOUR. Registered June 26, 1906. THE NORTHWESTERN CONSOLIDATED MILLING COMPANY, Minneapolis, Minn., and New York, N. Y. Renewed June 26, 1926, to The Northwestern Consolidated Milling Company, New York, N. Y., a Corporation of Minnesota.

54,530. WATCHES AND PARTS THEREOF. Registered June 26, 1906. ADOLPHE SCHWOB. Renewed June 26, 1926, to Adolphe Schwob, Inc., New York, N. Y., a Corporation of New York, assignee.

54,545. CRACKERS, BISCUITS, AND CAKES. Registered June 26, 1906. CRESCENT MACARONI & CRACKER CO. Renewed June 26, 1926, to Crescent Macaroni & Cracker Co., Davenport, Iowa, a Corporation of Iowa assignee.

54,561. STERLING SILVERWARE. Registered June 26, 1906. R. WALLACE & SONS MFG. CO., Wallingford, Conn., a Corporation of Connecticut. Renewed June 26, 1926.

54,570. TYPEWRITER RIBBONS. Registered June 26, 1906. THE CARTER'S INK COMPANY, Boston, Mass., and New York, N. Y. Renewed June 26, 1926, to The Carter's Ink Company, Cambridge, Mass., a Corporation of Massachusetts.

54,575. STAMPS FOR STAMPING TRADE-MARKS UPON TEXTILES. Registered June 26, 1906. KAUMAGRAPH CO., New York, N. Y., a Corporation of New York. Renewed June 26, 1926.

54,618. MOUTH AND TOOTH WASH. Registered June 26, 1906. H. K. MULFORD COMPANY, Philadelphia, Pa., a Corporation of Pennsylvania. Renewed June 26, 1926.

54,619. REMEDY FOR CERTAIN NAMED DISEASES. Registered June 26, 1906. SARAH HOLDEN EVERETT HAYDEN, Bedford Springs, Mass. Renewed June 26, 1926, to Arthur H. Hayden, trustee, Bedford, Mass., assignee.

54,642. BEER. Registered June 26, 1906. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn., a Corporation of Minnesota. Renewed June 26, 1926.

54,643. BEER. Registered June 26, 1906. MINNEAPOLIS BREWING COMPANY, Minneapolis, Minn., a Corporation of Minnesota. Renewed June 26, 1926.

54,647. PLUMBAGO (OR GRAPHITE) AXLE GREASE. Registered June 26, 1906. THE UNITED STATES GRAPHITE CO., Saginaw, Mich., a Corporation of Michigan. Renewed June 26, 1926.

54,660. A LIQUID LOTION OR EMULSION FOR THE SKIN. Registered June 26, 1906. AURELIUS S. HINDS. Renewed June 26, 1926, to A. S. Hinds Co., Portland, Me., a Corporation of Maine, assignee.

54,693. SERUMS. Registered June 26, 1906. PAUL YVON. Renewed June 26, 1926, to Institut Pasteur, Paris, France, assignee.

54,705. BACK-PEDALING COASTER BRAKES AND PARTS THEREOF. Registered June 26, 1906. ECLIPSE MACHINE CO., Elmira Heights, N. Y. Renewed June 26, 1926, to Eclipse Machine Company, Elmira, N. Y., a Corporation of New York.

54,729. GUARD PLATES FOR MOWERS, REAPERS, HARVESTERS, AND HEADERS. Registered June 26, 1906. THE WHITMAN & BARNES MANUFACTURING COMPANY, Akron, Ohio, a Corporation of Ohio. Renewed June 26, 1926.

54,743. WAGONS. Registered June 26, 1906. THE EAGLE WAGON WORKS, Auburn, N. Y., a Corporation of New York. Renewed June 26, 1926.

54,749. FLUID METERS. Registered June 26, 1906. HERSEY MANUFACTURING COMPANY. Renewed June 26, 1926, to Hersey Manufacturing Company, Boston, Mass., a Corporation of Massachusetts, assignee.

54,828. ACCOUNT BOOKS. Registered July 31, 1906. ROBERT HOLLINGSWORTH, Lincoln, Nebr. Renewed July 31, 1926.

54,838. CERTAIN NAMED PENS. Registered July 31, 1906. THOMAS DE LA RUE & COMPANY, LIMITED, London, England, a Corporation of Great Britain. Renewed July 31, 1926.

55,043. ROOF-PRESERVING PAINT. Registered August 7, 1906. AUGUST E. MAIRE, Minneapolis, Minn. Renewed August 7, 1926.

LABELS

REGISTERED MARCH 16, 1926.

30,069.—*Title:* THE WORLD FLYERS. For Games. ALDERMAN, FAIRCHILD Co., Rochester, N. Y. Published February 1, 1926.

30,070.—*Title:* MATCH'EM. For Games. ALDERMAN, FAIRCHILD Co., Rochester, N. Y. Published February 1, 1926.

30,071.—*Title:* ATLAS TONIC. For Malt Tonic. ATLAS BREWING COMPANY, Chicago, Ill. Published November 12, 1925.

30,072.—*Title:* ATLAS SPECIAL. For a Malt Beverage. ATLAS BREWING COMPANY, Chicago, Ill. Published November 12, 1925.

30,073.—*Title:* ATLAS—SIMPLY GREAT. For Root Beer. ATLAS BREWING COMPANY, Chicago, Ill. Published November 12, 1925.

30,074.—*Title:* 'WE NEVER CLOSE.' For Food Products. BASKET GROCERY COMPANY, Portland, Oreg. Published December 15, 1925.

30,075.—*Title:* WILLIAMS DAINTY LUNCH PRESERVES. For Preserves. BLISS SYRUP REFINING Co., Kansas City, Mo. Published June 11, 1913.

30,076.—*Title:* BRACH'S GOLDEN EGG. For Chocolate-Covered Marshmallow Eggs. E. J. BRACH & SONS, Chicago, Ill. Published February 2, 1926.

30,077.—*Title:* JUNE BRIDE. For Self-Rising Flour. THE DUNLOP MILLING COMPANY, Clarksville, Tenn. Published January 1, 1926.

30,078.—*Title:* SUGAR PUFF VANILLA WHITE MARSHMALLOWS. For Marshmallow Candies. E. H. EDWARDS COMPANY, Chicago, Ill. Published December 18, 1925.

30,079.—*Title:* EUCALETS. For Cough Drops. EUCALETS CORPORATION, Los Angeles, Calif. Published January 5, 1926.

30,080.—*Title:* ACCURATE COST SHEET FOR BUILDERS. For Blanks for Builders' Use. FANNY FEINSTEIN, Bogota, N. J. Published November 2, 1925.

30,081.—*Title:* GOLDORA. For Oranges. MANUEL E. FERNANDEZ, New York, N. Y. Published November 10, 1924.

30,082.—*Title:* FRISCH PROCESS #1. For Bread. EMILE FRISCH, Chicago, Ill. Published June 16, 1925.

30,083.—*Title:* FRISCH PROCESS #2. For Bread. EMILE FRISCH, Chicago, Ill. Published October 31, 1925.

30,084.—*Title:* HANDY CRAFT. For Mechanical-Toy-Construction Units. THE HART & COOLEY COMPANY, New Britain, Conn. Published October 5, 1925.

30,085.—*Title:* MRS. HUTCHISON'S AMERICAN PURE HOME MADE ORANGE MARMALADE. For Orange Marmalade. ELIZABETH HUTCHISON, New York, N. Y. Published November 10, 1925.

30,086.—*Title:* KELLY'S GREEN RIBBON. For Cigars. THE KELLY CIGAR Co., Red Lion, Pa. Published December 7, 1925.

30,087.—*Title:* KELLY HAND MADE. For Cigars. THE KELLY CIGAR Co., Red Lion, Pa. Published December 7, 1925.

30,088.—*Title:* PICKLE THIN. For Pickles. KEOKUK CANNING COMPANY, Keokuk, Iowa. Published January 26, 1926.

30,089.—*Title:* "M A" For Fresh Potatoes. M & A PRODUCE Co., doing business as Michel & Alauzet Produce Co., Los Angeles, Calif. Published September 1, 1925.

30,090.—*Title:* "DEE CEE" BUTTER. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to Decatur Ice Cream & Creamery Co., Decatur, Ala. Published February 6, 1926.

30,091.—*Title:* S-F BRAND. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis. Published December 5, 1925.

30,092.—*Title:* OCEAN-O. For a Regulating Tonic and Detoxicant. OCEANO PRODUCTS COMPANY, Newark, N. J. Published August 15, 1925.

30,093.—*Title:* THIS IS A PAIR OF THEM. For Overalls. LEVI STRAUSS & COMPANY, San Francisco, Calif. Published February 9, 1926.

30,094.—*Title:* MISS JACKIE WALLS' HAIR GROWER. For Hair Tonic. Miss JACKIE WALLS, Detroit, Mich. Published April 1, 1925.

30,095.—*Title:* RADIO STEEL WOOL. For Steel Wool. THE WILLIAMS COMPANY, London, Ohio. Published July 17, 1925.

PRINTS

REGISTERED MARCH 16, 1926.

8,634.—*Title:* FROM "DANGER VALLEY" UP "SAFETY HILL"! For Wheat Breakfast Food. CREAM OF WHEAT Co., Minneapolis, Minn. Published February 19, 1926.

8,635.—*Title:* SX-XS=(SUX) S. For Motor Vehicles. CARL H. FROMME, Los Angeles, Calif. Published October 23, 1925.

8,636.—*Title:* HEINZ CREAM SOUPS CONTAIN RICH DAIRY CREAM. For Cream-of-Tomato Soup. H. J. HEINZ COMPANY, Pittsburgh, Pa. Published December 12, 1925.

8,637.—*Title:* GIRO'S PAISLEY DESIGN. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published December 1, 1925.

8,638.—*Title:* MARION POWER'S SPANISH JELL-O. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published November 1, 1925.

8,639.—*Title:* 'THE HAYDEN GIRL'. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published November 1, 1925.

8,640.—*Title:* 'BOBBY IS SO WELL BEHAVED.' For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published December 1, 1925.

8,641.—*Title:* HOW IT IS DONE IN THE MOVIES. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published February 1, 1926.

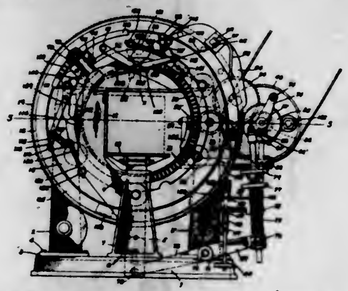
8,642.—*Title:* THE TEENIE WEENIES AND THEIR SECRET. For Peanut Butter. REID, MURDOCH & Co., Chicago, Ill. Published February 5, 1926.

8,643.—*Title:* SERVED AT OUR FOUNTAIN. For Maid of Honor Crushed Fruits and Sirups. RICHARDSON CORP., Rochester, N. Y. Published February 4, 1926.

REISSUES

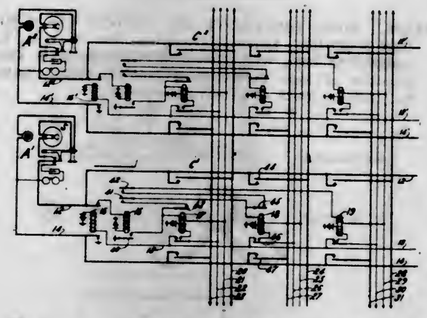
MARCH 16, 1926.

16,292. BUNDLE BINDING AND TYING MACHINE. CHARLES E. EVANS, Seattle, Wash. Filed May 14, 1925. Serial No. 30,376. Original No. 1,478,560, dated Dec. 25, 1923, Serial No. 324,275, filed Sept. 18, 1919. 43 Claims. (Cl. 100—31.)



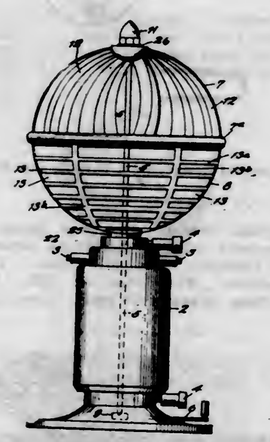
36. In a bundle tying machine, bundle holding means, a rotatively mounted ring surrounding the bundle holding means, and means on the ring operative during the rotation of the ring to pass a wire around the bundle.

16,293. RELAY AUTOMATIC TELEPHONE SYSTEM. RODNEY G. RICHARDSON, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric, Inc., Chicago, Ill., a Corporation of Delaware. Filed July 3, 1925. Serial No. 41,439. Original No. 1,506,083, dated Aug. 26, 1924, Serial No. 399,528, filed July 28, 1920. 28 Claims. (Cl. 179—18.)



22. A telephone system including a selector switch having a series of relays, a plurality of lines selectable by said relays, an impulsing circuit for energizing the relays in succession, means for maintaining the last relay of the series energized to select the desired line and for de-energizing the previously energized relays of the series, busy signaling means, automatic testing means for connecting a calling subscriber's line with the said selected desired line if said last line is idle, and to connect said busy signaling means in a circuit with the calling line if said selected desired line is busy.

16,294. ELECTRIC FAN. SOCRATES A. XIPPAS, Pittsburgh, Pa. Filed Nov. 25, 1925. Serial No. 71,453. Original No. 1,560,961, dated Nov. 10, 1925, Serial No. 731,991, filed Aug. 14, 1924. 16 Claims. (Cl. 230—1.)



1. An electric fan or blower, comprising a motor shaft, and a disc mounted axially and obliquely thereon for rotation having wings or impellers, bent at right angles to each other.

DESIGNS

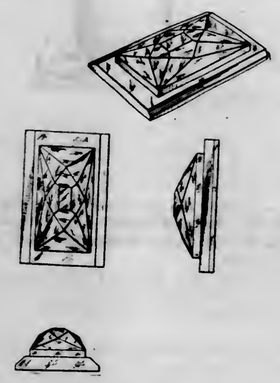
MARCH 16, 1926.

69,683. BATHING CAP. HARRY A. BAUMAN, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Dec. 18, 1925. Serial No. 15,783. Term of patent 14 years.



The ornamental design for a bathing cap as shown.

69,684. JEWEL STONE. TONJES A. BOTH, Stratford, Conn., assignor to The Connecticut Electric Manufacturing Company, Bridgeport, Conn., a Corporation of Connecticut. Filed June 10, 1925. Serial No. 13,725. Term of patent 14 years.



The ornamental design for a jewel stone substantially as shown.

69,685. PORTABLE LAMP. FRANK H. BUSSMANN, St. Louis, Mo., assignor to Bussmann Manufacturing Company, St. Louis, Mo., a Corporation of Missouri. Filed Dec. 12, 1924. Serial No. 11,675. Term of patent 14 years.



The ornamental design for a portable lamp, as shown.

69,686. SHOE ORNAMENT OR ARTICLE OF SIMILAR NATURE. LOUIS J. COBLENTZ, New York, N. Y., assignor to Leon Weil, Inc., New York, N. Y., a Corporation of New York. Filed Dec. 7, 1925. Serial No. 15,677. Term of patent 3½ years.



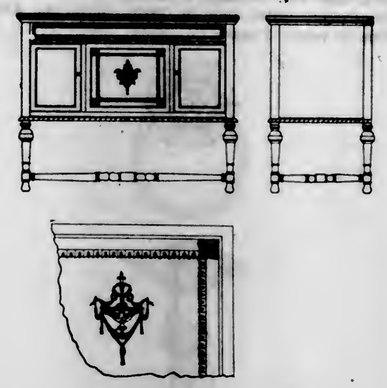
The ornamental design for a shoe ornament or article of similar nature, as shown.

69,687. DRESS. TAUBE DAVIS, New York, N. Y., assignor to Franklin Simon & Co., Inc., New York, N. Y., a Corporation of New York. Filed Jan. 16, 1926. Serial No. 16,184. Term of patent 3½ years.



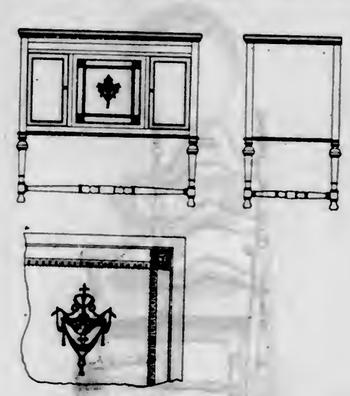
The ornamental design for a dress, substantially as shown and described.

69,688. PHONOGRAPH CABINET. THOMAS A. EDISON, West Orange, N. J., assignor to Thomas A. Edison, Incorporated, West Orange, N. J., a Corporation of New Jersey. Filed Oct. 17, 1924. Serial No. 11,100. Term of patent 14 years.



The ornamental design for a phonograph cabinet as shown.

69,689. PHONOGRAPH CABINET. THOMAS A. EDISON, West Orange, N. J., assignor to Thomas A. Edison, Incorporated, West Orange, N. J., a Corporation of New Jersey. Filed Oct. 17, 1924. Serial No. 11,101. Term of patent 14 years.



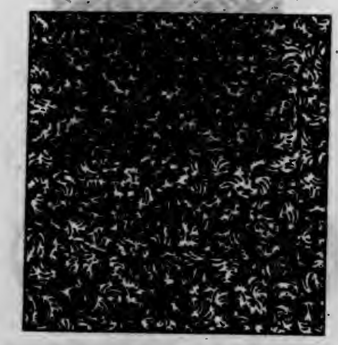
The ornamental design for a phonograph cabinet as shown.

69,690. VANITY CASE. JAMES F. EPPENSTEIN, Elgin, Ill., assignor to Illinois Watch Case Company, Elgin, Ill., a Corporation of Illinois. Filed Jan. 18, 1926. Serial No. 16,153. Term of patent 3½ years.



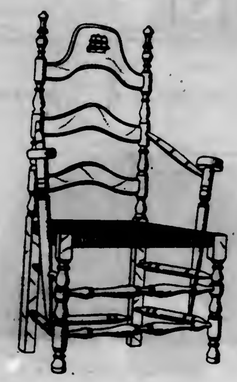
The ornamental design for a vanity case as shown.

69,691. WALL PAPER. EMILE ERICSON, Pelham, N. Y. Filed Dec. 7, 1925. Serial No. 15,666. Term of patent 7 years.



The ornamental design for wall paper, as shown.

69,692. CHAIR. RALPH C. ERSKINE, Stamford, Conn., assignor to Erskine-Danforth Corporation, a Corporation of New York. Filed Nov. 30, 1925. Serial No. 15,577. Term of patent 7 years.



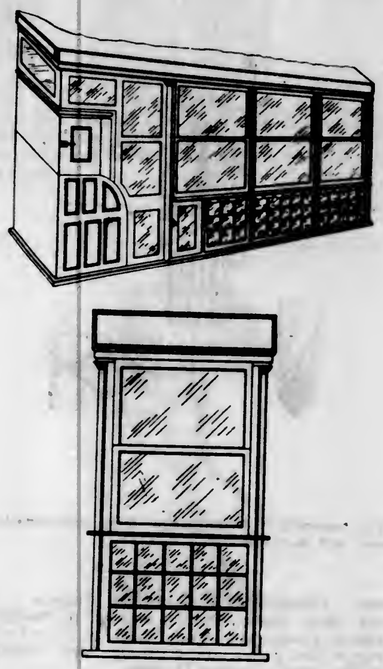
The ornamental design for a chair, as shown.

69,693. PILED FABRIC. GUSTAVE M. FAUSER, Ardsley on Hudson, N. Y. Filed Dec. 26, 1925. Serial No. 15,856. Term of patent 3½ years.



The ornamental design for piled fabric substantially as shown and described.

69,694. VENDING CABINET. CHARLES E. FLAGG, Brookline, Mass., assignor to Cubicle Stores, Inc., Boston, Mass., a Corporation of Massachusetts. Filed Nov. 9, 1923. Serial No. 7,731. Term of patent 3½ years.



The ornamental design for a vending cabinet, as shown.

69,695. SALT AND PEPPER SHAKER. ALFRED J. FLAUDER, Bridgeport, Conn., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn., a Corporation of Connecticut. Filed July 30, 1923. Serial No. 6,903. Term of patent 7 years.



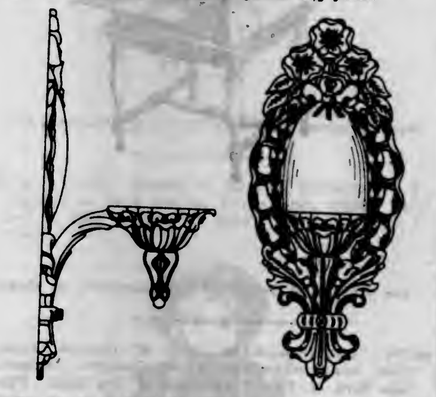
The ornamental design for a salt and pepper shaker substantially as shown.

69,696. TEXTILE FABRIC OR THE LIKE. CHARLES SHERWOOD FOWLER, Westerly, R. I. Filed Jan. 7, 1926. Serial No. 15,995. Term of patent 3½ years.



The ornamental design for a textile fabric or the like, as shown.

69,697. LIGHTING-FIXTURE BRACKET. BRANDON G. FUNK, Los Angeles, Calif. Filed Oct. 16, 1925. Serial No. 15,148. Term of patent 3½ years.



The ornamental design for a lighting fixture bracket, as shown.

69,698. FINGER RING. ISIDOR GARLIN, Brooklyn, N. Y., assignor to Silbermann, Kohn & Wallenstein, Inc., New York, N. Y., a Corporation of New York. Filed Jan. 23, 1926. Serial No. 16,241. Term of patent 3½ years.



The ornamental design for a finger ring as shown.

69,699. FINGER RING. ISIDOR GARLIN, Brooklyn, N. Y., assignor to Silbermann, Kohn & Wallenstein, Inc., New York, N. Y., a Corporation of New York. Filed Feb. 1, 1926. Serial No. 16,360. Term of patent 3½ years.



The ornamental design for a finger ring as shown.

69,700. PERFUME BOTTLE. GUY T. GIBSON, New Rochelle, N. Y. Filed Dec. 7, 1925. Serial No. 15,665. Term of patent 14 years.



The ornamental design for a perfume bottle as shown.

69,701. MOTOR-VEHICLE LAMP. WILLIAM L. GOODSTEIN, Waynesburg, Pa. Filed June 8, 1925. Serial No. 13,700. Term of patent 3½ years.



The ornamental design for a motor vehicle lamp as shown.

69,702. INITIAL LINK FOR A BRACELET OR THE LIKE. MILFRED L. GREENSTREET, Maplewood, Mo. Filed Oct. 12, 1925. Serial No. 15,102. Term of patent 3½ years.



The ornamental design for an initial link for a bracelet or the like, as shown.

69,703. FINGER RING. SAMUEL GROSSMAN, New York, N. Y., assignor to David Klebanoff and Samuel Grossman, Copartners trading as Klebanoff and Grossman, New York, N. Y. Filed Jan. 23, 1926. Serial No. 16,242. Term of patent 3½ years.



The ornamental design for a finger ring as shown.

69,704. RADIOCABINET. ALFRED H. HAAG, Baltimore, Md., assignor of twenty one-hundredths to E. Howard Fairbanks, Merchantville, N. J., and forty one-hundredths to Emmor Roberts, Moorestown, N. J. Filed Oct. 19, 1925. Serial No. 15,177. Term of patent 3½ years.



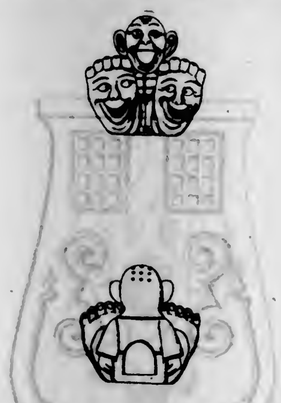
The ornamental design for a radiocabinet, as shown.

69,705. BATHING CAP. JOHN W. HIGGINS, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Dec. 18, 1925. Serial No. 15,780. Term of patent 14 years.



The ornamental design for a bathing cap as shown.

69,706. INCENSE BURNER. KUNIBAKU INO, San Francisco, Calif. Filed Dec. 28, 1925. Serial No. 15,879. Term of patent 3½ years.



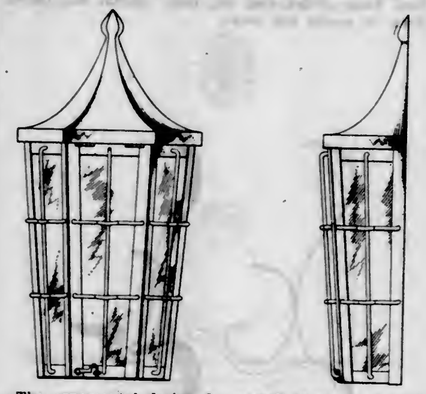
The ornamental design for an incense burner as shown.

69,707. DOLL. JOSEPH L. KALLUS, Brooklyn, N. Y., assignor to Jack Collins, Los Angeles, Calif. Filed Jan. 6, 1926. Serial No. 15,977. Term of patent 14 years.



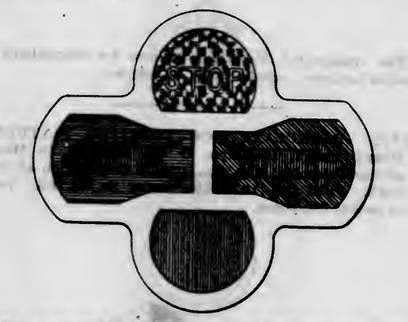
The ornamental design for a doll, as shown.

69,708. WALL LANTERN. GEORGE J. KLEIN, Cleveland, Ohio. Filed July 12, 1924. Serial No. 10,128. Term of patent 7 years.



The ornamental design for a wall lantern, as shown.

69,709. FACEPLATE FOR AN AUTOMOBILE SIGNAL. NATHAN R. MAYOZA and ALFRED H. MURRAY, Memphis, Tenn. Filed Sept. 14, 1925. Serial No. 14,786. Term of patent 14 years.



The ornamental design for a faceplate for an automobile signal substantially as shown.

69,710. COVER FOR A COLD-CREAM JAR OR LIKE CONTAINER. FERDINAND W. NITARDY, Brooklyn, N. Y., and RUTHERFORD BOYD, Leonia, N. J., assignors to E. R. Squibb & Sons, New York, N. Y., a Corporation of New York. Filed Jan. 14, 1926. Serial No. 16,066. Term of patent 14 years.



The ornamental design for a cover for a cold cream jar or like container, as shown.

69,711. ARM FOR CHANDELIERS OR SIMILAR ARTICLES. HARRY PERRY, Brooklyn, N. Y., assignor to Metropolitan-Columbia Mfg. Co., Inc., a Corporation of New York. Filed Dec. 19, 1925. Serial No. 15,795. Term of patent 3½ years.



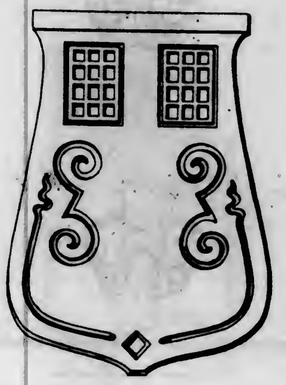
The ornamental design for an arm for chandeliers or similar articles, substantially as shown.

69,712. BACKPLATE FOR LIGHTING FIXTURES. HARRY PERRY, Brooklyn, N. Y., assignor to Metropolitan-Columbia Mfg. Co., Inc., a Corporation of New York. Filed Dec. 19, 1925. Serial No. 15,793. Term of patent 3½ years.



The ornamental design for a back plate for lighting fixtures, substantially as shown and described.

69,713. BRACKET BACK FOR LIGHTING FIXTURES. ROSCOE C. PFLEAGER, Cleveland, Ohio, assignor to Benjamin F. Klein, Cleveland, Ohio. Filed Dec. 2, 1925. Serial No. 15,601. Term of patent 3½ years.



The ornamental design for a bracket back for lighting fixtures, substantially as shown.

69,714. CANDLE CUP FOR LIGHTING FIXTURES. ROSCOE C. PFLEAGER, Cleveland, Ohio, assignor to Benjamin F. Klein, Cleveland, Ohio. Filed Dec. 2, 1925. Serial No. 15,603. Term of patent 3½ years.



The ornamental design for a candle cup for lighting fixtures, substantially as shown.

69,715. LOOP FOR LIGHTING FIXTURES. ROSCOE C. PFLEAGER, Cleveland, Ohio, assignor to Benjamin F. Klein, Cleveland, Ohio. Filed Dec. 2, 1925. Serial No. 15,604. Term of patent 3½ years.



The ornamental design for a loop for lighting fixtures, substantially as shown.

69,716. LOOP FOR LIGHTING FIXTURES. ROSCOE C. PFLEAGER, Cleveland, Ohio, assignor to Benjamin F. Klein, Cleveland, Ohio. Filed Dec. 2, 1925. Serial No. 15,605. Term of patent 3½ years.



The ornamental design for a loop for lighting fixtures, substantially, as shown.

69,717. RING. MEYER L. ROBBINS, New York, N. Y., assignor to Untermeyer, Robbins & Co., New York, N. Y., a Corporation of New York. Filed Oct. 31, 1925. Serial No. 15,815. Term of patent 7 years.



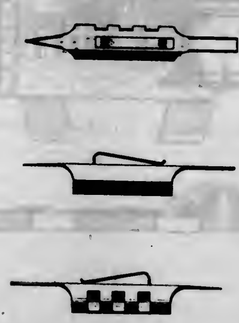
The ornamental design for a ring, as shown.

69,718. FINGER RING SET WITH GEMS. MEYER L. ROBBINS, New York, N. Y., assignor to Untermeyer, Robbins & Co., New York, N. Y., a Corporation of New York. Filed Oct. 31, 1925. Serial No. 15,817. Term of patent 7 years.



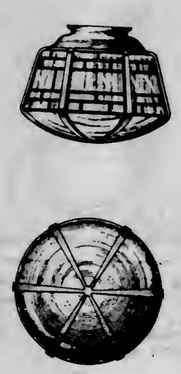
The ornamental design for a finger ring set with gems, as shown.

69,719. PENCIL KNIFE. JACOB SCHICK, Orange, N. J., assignor to Miller Reese Hutchison, West Orange, N. J. Filed Oct. 10, 1923. Serial No. 7,445. Term of patent 3½ years.



The ornamental design for pencil knife, as shown.

69,720. GLASS LIGHTING UNIT. ROBERT F. SCHLEICHER, Rockville Center, N. Y., assignor to London Lightingwares Corporation, a Corporation of New York. Filed Jan. 22, 1926. Serial No. 16,216. Term of patent 3½ years.



The ornamental design for a glass lighting unit, as shown.

69,721. PAPER WEIGHT. HARRY SLATKO, Philadelphia, Pa. Filed Nov. 6, 1925. Serial No. 15,361. Term of patent 3½ years.



The ornamental design for a paper weight, as shown.

69,722. LIGHTING FIXTURE. WILMER STANLEY SNOW, Oak Park, Ill., assignor to Crown Electrical Manufacturing Company, St. Charles, Ill., a Corporation of Illinois. Filed Nov. 28, 1925. Serial No. 15,568. Term of patent 3½ years.



The ornamental design for a lighting fixture, as shown.

69,723. FINGER RING. MICHAEL E. SOMAN, New York, N. Y., assignor to David Klebanoff and Samuel Grossman, Copartners trading as Klebanoff and Grossman, New York, N. Y. Filed Jan. 23, 1926. Serial No. 16,243. Term of patent 3½ years.



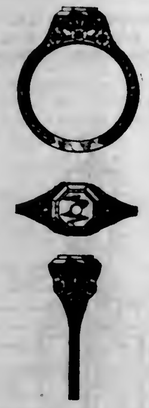
The ornamental design for a finger ring as shown.

69,724. FINGER RING. MICHAEL E. SOMAN, New York, N. Y., assignor to David Klebanoff and Samuel Grossman, Copartners trading as Klebanoff and Grossman, New York, N. Y. Filed Jan. 23, 1926. Serial No. 16,244. Term of patent 3½ years.



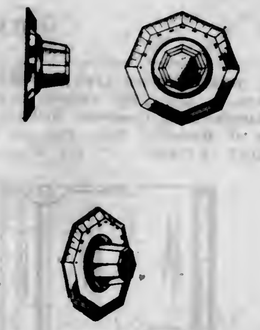
The ornamental design for a finger ring as shown.

69,725. FINGER RING. MICHAEL E. SOMAN, New York, N. Y., assignor to David Klebanoff and Samuel Grossman, Copartners trading as Klebanoff and Grossman, New York, N. Y. Filed Jan. 23, 1926. Serial No. 16,245. Term of patent 3½ years.



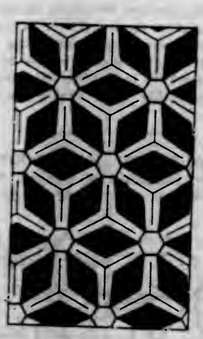
The ornamental design for a finger ring as shown.

69,726. COMBINED DIAL AND KNOB. LOUIS STEINBERGER, Brooklyn, N. Y. Filed July 1, 1922. Serial No. 2,918. Term of patent 14 years.



The ornamental design for a combined dial and knob, as shown.

69,727. WRAPPING PAPER. ROBERT WERTHEIMER, New York, N. Y., assignor to Cohn, Hall, Marx Co., New York, N. Y., a Corporation of New York. Filed Oct. 31, 1925. Serial No. 15,309. Term of patent 14 years.

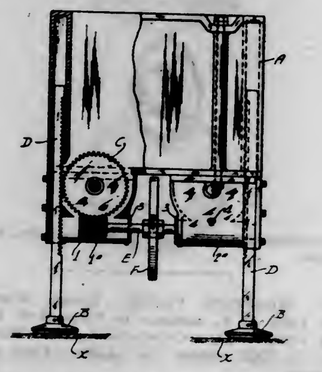


The ornamental design for wrapping paper as shown.

PATENTS

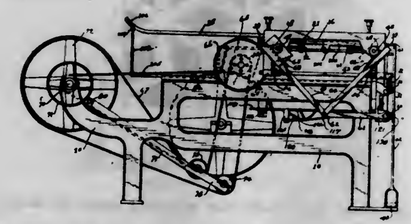
GRANTED MARCH 16, 1926.

1,576,494. PRESSING OR LIFTING DEVICE. FRANK ACKERMAN, St. Louis, Mo., assignor to Curtis & Company Manufacturing Company, Wellston, Mo., a Corporation of Missouri. Filed Feb. 18, 1924. Serial No. 693,617. 9 Claims. (Cl. 254—97.)



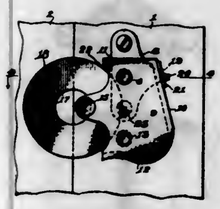
1. In a device of the kind described, a plurality of spaced members that are adapted to contact with a surface, an element in which said members are reciprocatingly mounted, pinions rotatably mounted on said element and arranged in mesh with racks on said members, and an operating mechanism comprising worms in mesh with said pinions that are adapted to be moved endwise to cause said members to engage said surface and thereafter rotated to bodily shift said element relatively to said members.

1,576,495. MECHANISM FOR MAKING BOX BOTTOMS. JOHN ALBRECHT, Kewaunee, Wis. Filed Apr. 26, 1922. Serial No. 556,674. 26 Claims. (Cl. 144—7.)



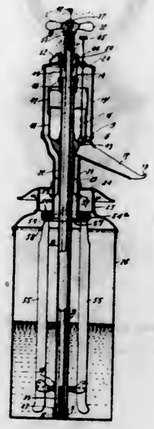
1. In a device of the character described, the combination with a supporting table arranged for the continuous assembly thereon of a strip of matched material, an automatic cut-off saw mounted for bodily reciprocation transversely of the path of said material, whereby to sever blanks from a strip assembled on said table, a clamp operable upon said material in a plane parallel with the path of said saw, and a second clamp operable upon said material in a plane substantially parallel with the path of movement of said material on said table, said first mentioned clamp being automatically operable prior to the movement of the saw into the said material.

1,576,496. DOORCHECK. ROBERT ARCHER, Sr., Fort Washington, Pa. Filed Mar. 31, 1925. Serial No. 19,559. 4 Claims. (Cl. 16—86.)



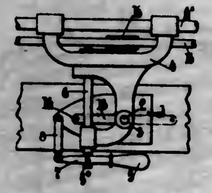
2. A door check, comprising a hollow member, means for pivotally mounting said member upon a door jamb, means to limit the oscillatory movement of said member with respect to said first means, and an annular rubber member having an enlarged central aperture, and means carried by said first member and extending loosely through said aperture to support said rubber member and to permit the rubber member to freely alter its position with respect to said first supporting member.

1,576,497. MILK DISPENSING AND MEASURING DEVICE. ELIAS N. AUSTIN, New York, N. Y. Filed June 12, 1925. Serial No. 36,645. 6 Claims. (Cl. 221—100.)



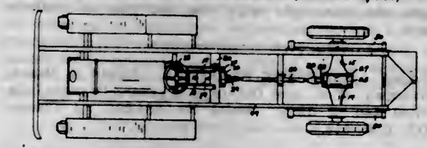
2. In a milk dispensing and measuring device a measuring vessel comprising a lower stationary section, to serve as a measure of lesser capacity, and an upper section removably mounted on said lower section, to form therewith a measure of larger capacity.

1,576,498. IRONING MACHINE. WILLIAM EXCELL BAKER, Brighton, England. Filed June 22, 1925. Serial No. 38,938. 1 Claim. (Cl. 68—9.)



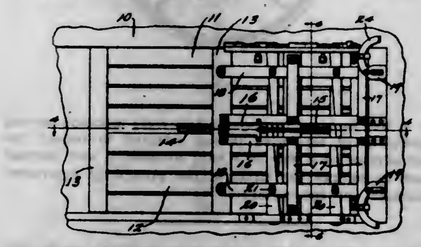
In an ironing machine in which a flat iron carried by a bracket is caused to travel to and fro over a fixed table, is free to rise and fall relative to said table, and in which the to and fro movement is controlled by mechanism operated through a shaft to which an axial rocking movement is imparted by a hand lever carried by said shaft; the improvement which consists in pivotally mounting the iron on a vertical pivot in said bracket, pivoting the hand lever on a vertical pivot in said shaft, extending said hand lever beyond its pivotal point, and in providing a link loosely pivotally connected both to the hand lever extension and the iron to enable a horizontal pivotal movement to be imparted to the iron by the hand lever.

1,576,499. CONVERTIBLE TRACTOR TRUCK DEVICE. JAMES A. BELL, Clintonville, Wis. Filed Mar. 31, 1924. Serial No. 703,067. 20 Claims. (Cl. 180—70.)



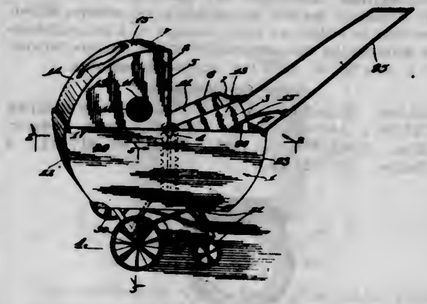
1. In a device of the character described, the combination with a truck frame and a tractor body from which the rear axle housings have been removed, of closure plates bolted to said body in the place of said housings and provided with arms engaging said frame for the support of said body therefrom.

1,576,500. CAR DOOR. IVER P. BENDIKSON, Mandan, N. Dak. Filed Apr. 8, 1924. Serial No. 705,093. 4 Claims. (Cl. 292—26.)



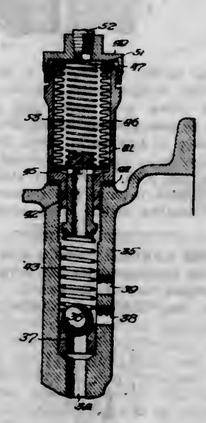
1. A locking device for a car door comprising a plurality of uprights secured to the said door, a pair of swinging arms pivotally connected to the said uprights, a plurality of tapered bars hingedly connected to the swinging arms, means associated with the bars for engaging the said tapered bars, guide plates mounted on the uprights for guiding the said swinging arms, means for retaining the swinging arms in position when the door is closed, and means for preventing removal of the said arms.

1,576,501. FOLDABLE BABY CARRIAGE. VALENTIN BIBO, Los Angeles, Calif. Filed Nov. 6, 1924. Serial No. 748,177. 7 Claims. (Cl. 280—36.)



1. A foldable baby carriage, comprising in combination a bed element, a pair of angular brackets depending therefrom, a pair of upright parallel bars connected to each of said brackets, a central tube between the bars and connected to the bracket, a wheel frame having top plates with apertures therethrough for the rods and the central tubes, axles operatively connected to the wheel frame and springs positioned between the brackets and the wheel frame.

1,576,502. LUBRICANT-PRESSURE-CONTROLLING MEANS FOR INTERNAL-COMBUSTION ENGINES. FRANK E. BLANCHARD, Chicago, Ill. Filed Mar. 26, 1923. Serial No. 627,553. 4 Claims. (Cl. 123—196.)



1. A valve for internal combustion engine pressure lubricating systems comprising, a casing divided into a plurality of chambers, one of said chambers having lubricant inlet and outlet ports and a check valve normally closing one of said ports, a second chamber having an expansile and contractile element therein arranged and constructed to be responsive to pressure variations in the engine fuel feeding means, means interposed between said second chamber and the said feeding means whereby said element lags in response to a variation in pressure and a mechanical fluid-tight connection between said element and said valve.

1,576,503. POLYMERIZATION OF BUTYRALDEHYDE. CHARLES BOGIN, Terre Haute, Ind., assignor to Commercial Solvents Corporation, Terre Haute, Ind., a Corporation of Maryland. Filed June 4, 1924. Serial No. 717,736. 5 Claims. (Cl. 260—140.)

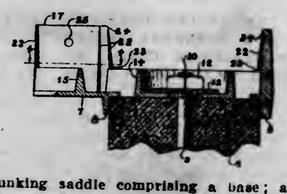
1. A process for the production of parabutyraldehyde consisting in adding an acidic catalyst to n-butyraldehyde and maintaining the temperature of the mixture between 15° C. and 50° C. until the reaction is complete.

1,576,504. BUILT-UP JACKET FOR JORDAN-ENGINE PLUGS. ARCHER LE ROY BOLTON, North Andover, Mass. Filed Feb. 8, 1923. Serial No. 617,811. 5 Claims. (Cl. 92—27.)



3. In a Jordan engine, the combination of a conical plug body with a unitary transportable jacket built up of a body, a plurality of bars fastened thereto, woods between said bars, and means to fasten said jacket to the plug body.

1,576,505. TRUNKING SADDLE. JAMES EDGAR CLOUGH, La Grange, Ky. Filed Apr. 12, 1923. Serial No. 631,651. 6 Claims. (Cl. 247—27.)



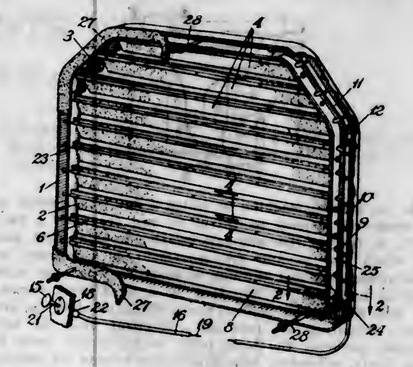
1. A trunking saddle comprising a base; a plurality of parallel vertical flanges secured thereto, forming channels above and below said base; said parallel vertical flanges secured to and forming channels above said base, having a plurality of horizontal holes therein, said base having a vertical hole centrally located therein and a plurality of vertical ribs, positioned about said vertical hole, secured thereon in said upper channel; means for securing said trunking saddle to a support.

1,576,506. DOOR CASING. WILLIAM N. DAVIS, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Mar. 19, 1923. Serial No. 626,058. 14 Claims. (Cl. 296—44.)



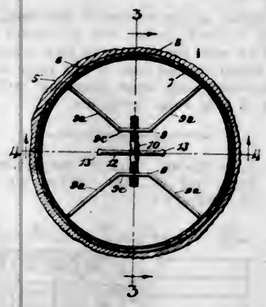
4. A door casing comprising a sheet-metal jamb member bent to have two alined door engaging channel portions separated by a latch-receiving gap having a bottom wall.

1,576,507. RADIATOR COVER. LAD ELIASEK, Chicago, Ill. Filed Jan. 13, 1922. Serial No. 528,983. 6 Claims. (Cl. 257—132.)



2. In a radiator cover, the combination of a marginal frame having a hollow wall at one side thereof, a plurality of shutters extending between and pivoted on the side walls of the marginal frame, a number of said shutters being of successively shorter length, and an operating member within the hollow wall for simultaneously operating all of the shutters of equal length and having an angularly disposed extension in the hollow wall for operating the shutters of successively shorter length simultaneously with the shutters of uniform length.

1,576,508. STOVEPIPE FASTENER. EDWIN R. HISEY, Guernsey, Wyo., and OLIVER C. PATTON, Denver, Colo. Filed Jan. 3, 1924. Serial No. 684,202. 4 Claims. (Cl. 126—318.)

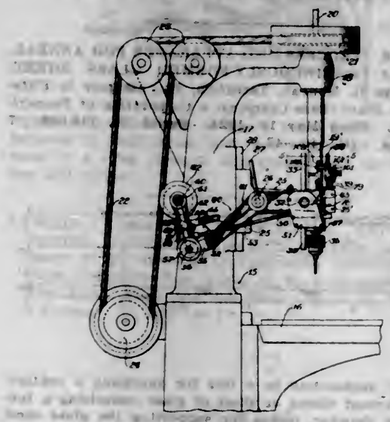


1. A flue fastener comprising two rigid members having a plurality of separated prongs adapted to indent the inner surface of a flue in circuit alinement, and manual means to enlarge the circle of the prongs by separative adjustment of the members.

1,576,509. FEED ATTACHMENT FOR DRILL PRESSES. GEORGE HOFMANN, Chicago, Ill. Filed Nov. 29, 1922. Serial No. 603,921. 14 Claims. (Cl. 77—33.)

1. In a power-feed attachment, for a normally-manual drill-press that provides a frame, a driving element, a spindle driven in rotation therefrom, manual means for feeding the spindle vertically which includes a feed shaft, spring means to return the spindle to raised position, and stop means movable vertically by and with the spindle; the combination with an attaching-frame having

provision for ready attachment to the drill-press frame, of power-receiving means on said attaching frame adapted and arranged to coact with said driving element of the drill-press, power-delivering means mounted in said attachment frame and adapted and arranged to coact with said feed shaft of the drill press to rotate the latter, power-transmission means intervening between said power



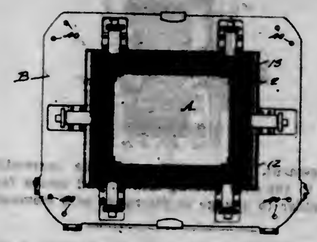
receiving means and power delivering means and including a breakable power connection, and trip means controlling the breaking of said power connection, carried by said attachment frame and having a part adapted and arranged for interposition in the path of vertical movement of said stop means of the drill press to be actuated by the latter on its down-stroke.

1,576,510. SAFETY RAZOR. JOHN HOLTZMAN, New York, N. Y., assignor of one-half to Alfred Krafft, Brooklyn, N. Y. Filed Apr. 18, 1922. Serial No. 555,483. 11 Claims. (Cl. 30—12.)



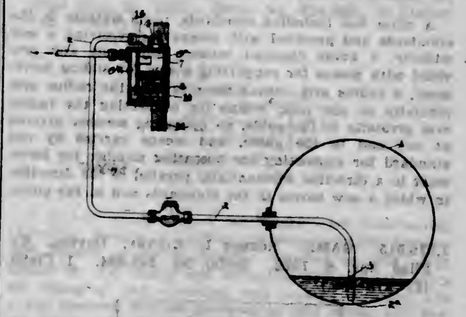
1. In a safety razor the combination of a blade with a holder therefor, a guard for the blade, a main frame to which the guard is permanently attached, a handle attached to said frame, an auxiliary frame to which the holder is attached and means for adjusting the relation of the frames to each other to regulate the relation of the edge of the blade to the edge of the guard including a screw rotatably mounted in said handle and secured to said auxiliary frame.

1,576,511. PHOTOGRAPHIC-PRINTING APPARATUS. WILLIAM C. HUEBNER, Buffalo, N. Y., assignor to Huebner-Bleistein Patents Company, Buffalo, N. Y. Original application filed Feb. 27, 1919, Serial No. 279,493. Divided and this application filed Mar. 20, 1922. Serial No. 545,074. 11 Claims. (Cl. 95—79.)



1. The combination of a printing plate holder having a transparent supporting plate secured thereon, and means for securing a transparent printing plate on said supporting plate, said supporting plate having an opaque border which extends to the edges of said printing plate to prevent the leakage of light around the printing plate.

1,576,512. LIQUID-LEVEL INDICATOR. MAUNSELL B. JACKSON, Toronto, Ontario, Canada, assignor to himself, Edward McMahon, and Thomas Cameron Bate, both of Ottawa, Ontario, Canada, trustees. Filed Oct. 9, 1923. Serial No. 667,485. 6 Claims. (Cl. 116—118.)

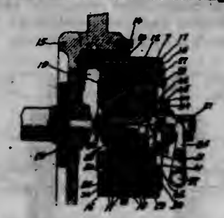


4. A liquid level indicating device comprising a chamber having two legs communicating at their lower ends and having their upper ends adapted to be connected in a supply pipe of a vacuum feed system which also includes a supply tank, the said pipe communicating with the tank adjacent the bottom thereof and having an opening above the said communication to permit air to be drawn into the pipe when the level of the liquid in the tank falls below a predetermined minimum; a bleed between the upper ends of the said two legs whereby the air in the inlet leg will be quickly exhausted therefrom to permit the liquid level in the inlet leg to rise quickly when the liquid level in the tank is again raised above the said opening, and means for indicating the rise and fall of the liquid in the chamber.

1,576,513. CLUTCH CONSTRUCTION. FRANK JOHNSON, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Original application filed July 18, 1918, Serial No. 245,471. Divided and this application filed Oct. 9, 1922. Serial No. 593,211. 8 Claims. (Cl. 192—69.)

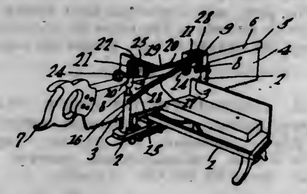
1. In a disk clutch, a hollow clutch barrel, driving and driven elements on the exterior of said barrel, the outer

end of the barrel provided with slots, a spider having arms extending through said slots, means outside the barrel at the inner end thereof for forcing said elements



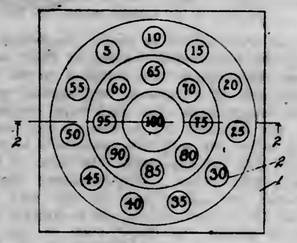
into engagement, means connecting the extremities of said arms to the said forcing means, and means for moving said spider to engage or disengage said elements.

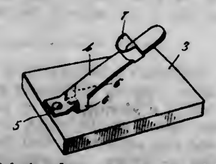
1,576,514. SAW LIFT. JOHN H. KEETER, Charlotte, N. C. Filed Feb. 16, 1925. Serial No. 9,565. 1 Claim. (Cl. 143—66.)



A miter box including standards, posts slidable in the standards and provided with means for receiving a saw slidably, a guide disposed between the posts and provided with means for supporting a saw for sliding movement, a radius arm, means for mounting the radius arm pivotally on one post, means for connecting the radius arm pivotally to the guide, an operating member pivoted at one end to the guide, and means carried by one standard for supporting the operating member for movement in a direction substantially parallel to the direction in which a saw moves in the standards and in the guide.

1,576,515. GAME. ROBERT L. KINNEY, Dayton, Ky. Filed Apr. 6, 1922. Serial No. 549,984. 1 Claim. (Cl. 273—95.)





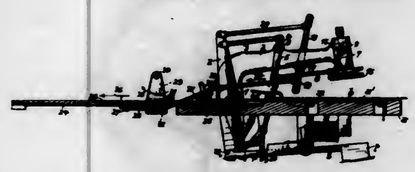
Pieces with which to play a game, comprising a board piece with rounded depressions in the board adapted to form counting spaces, projectiles adapted to form counters comprising pieces adapted to stand upright with weights in round bottomed portions of the pieces and a projector comprising a spring disposed at an angle extending away from the board with a segmentary member disposed on the front face of the spring below the end thereof adapted to support the projectile during intervals of aiming the said projectile with the spring tensioned away from the direction of the board.

1,576,516. PROCESS AND APPARATUS FOR ANNEALING A CONTINUOUSLY-FORMED GLASS SHEET. WALTER G. KOUPAL, Tarentum, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed May 13, 1924. Serial No. 713,086. 7 Claims. (Cl. 49—47.)



1. In combination in a leer for annealing a continuously formed ribbon or sheet of glass comprising a tunnel leer chamber, means for supporting the glass sheet above the floor of the chamber and carrying it through the chamber, and gas heating means located in the leer chamber along its side walls below the level of the glass extending longitudinally thereof and directed inwardly so that a greater amount of heat from said means is applied to the side portions of the sheet than to the central portion.

1,576,517. PRINTING MACHINE. JOSEPH KRELL, Berlin-Pankow, Germany. Filed Feb. 13, 1923. Serial No. 618,828. 11 Claims. (Cl. 101—57.)



1. In a machine of the kind described, a printing plate, an impression pad, means for feeding paper between said plate and said pad, auxiliary means for completing the printing movement upon a partial printing movement of said plate and said pad, and means controlled in conjunction with said last named means for actuating said feeding means.

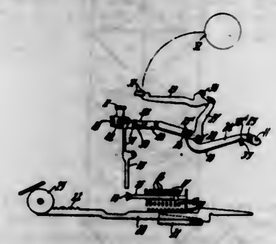
1,576,518. AUTOMATIC RAZOR-BLADE SHARPENER. WILLIAM H. KRUSOE, Wilkes-Barre, Pa. Filed June 15, 1922. Serial No. 568,552. 2 Claims. (Cl. 51—68.)

1. In a stropping device, in combination, a bracket adapted to be secured to a support, a rod mounted in said bracket, a casing supported on said rod, a spring receptacle removably and non-rotatably mounted in said casing, a drum rotatably mounted on said rod and extending into said receptacle, a spring arranged in said receptacle and having one end connected to the receptacle and the other end connected to said drum, whereby a strop connected to said drum will be automatically wound thereon when unwound therefrom, a guide frame



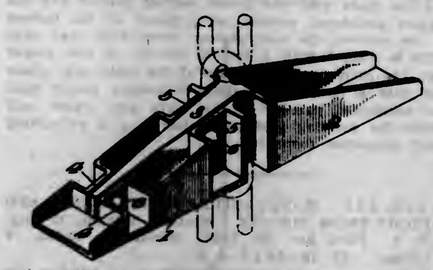
rigidly secured to said casing, a blade holder pivotally mounted in said frame, and means operated by movement of a strop through said guide frame for oscillating said holder.

1,576,519. COMBINED TYPEWRITING AND COMPUTING MACHINE. ADOLPH G. KUPERT, New Rochelle, N. Y., assignor to Underwood Computing Machine Company, New York, N. Y., a Corporation of New York. Filed Aug. 23, 1924. Serial No. 733,693. 8 Claims. (Cl. 235—60.)



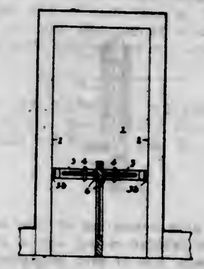
1. In a combined typewriting and computing machine, the combination of indexing mechanism including numeral-key-levers arrested at the completion of their indexing strokes, a set of numeral-type-bar-operating levers operable by said indexing levers, and a platen, said type-operating levers and the type-bars movable independently of the indexing keys after the arrest of the latter, whereby the type-bars subsequently continue in motion and strike against the platen.

1,576,520. DETACHABLE CONVEYER BUCKET. FRANK H. LAMB, Hoquiam, Wash. Filed Dec. 4, 1923. Serial No. 678,421. 2 Claims. (Cl. 198—176.)



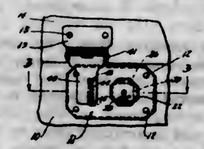
1. A conveyer bucket formed of two scoop like sections, one section being provided with inwardly extending box like portions and the other section being provided with a shank adapted to fit between said box like portions, said shank and box like portions being provided with registering openings and bolts extending through said openings for securing said sections together.

1,576,521. CARPENTER'S WORK SUPPORT. EMIL LASSE, Paterson, N. J. Filed Sept. 17, 1925. Serial No. 56,867. 8 Claims. (Cl. 144—286.)



1. In a support for the purpose described, the combination of a pair of members each adjustable slidably and substantially rectilineally on the other and respectively adapted to bear against the inner sides of a building opening and be thereby supported, and a pair of devices for clamping said members in the position to which they are adjusted having co-acting work-holding cheek portions projecting from said support, one of said devices being adjustable toward and from the other substantially parallel with the path of adjustment of said members with respect to each other.

1,576,522. LOCK. BENJAMIN H. LEVIN, Chicago, Ill. Filed Mar. 31, 1923. Serial No. 629,009. 9 Claims. (Cl. 70—115.)



1. A lock comprising a top plate with downwardly extending flanges, a locking member mounted between said flanges, a casing movably mounted on said plate, means on said casing and extending through said plate for engaging and operating said locking member, and a key operated member mounted in said casing and having means movable in one part of a slot in said plate to hold said locking member locked and movable in another part of said slot to permit release movement thereof.

1,576,523. DIALYZING AND EVAPORATING MEMBRANES AND PROCESS OF MAKING THE SAME. JOSEPH M. LOONEY, Somerville, Mass., assignor, by mesne assignments, to Philip A. Kober, Hastings-on-Hudson, N. Y. Filed Nov. 23, 1921. Serial No. 517,386. 3 Claims. (Cl. 18—57.)

1. The process of making permeable membranes, which comprises mixing a nitrocellulose with ethyl alcohol, dissolving the nitrocellulose by mixing ether with the aforesaid mixture and agitating, adding a water soluble ester, spreading and finally removing the solvent, thus forming a membrane.

1,576,524. VALVE. JAMES A. MARK, Madison, Kans. Filed May 9, 1925. Serial No. 29,189. 3 Claims. (Cl. 251—101.)

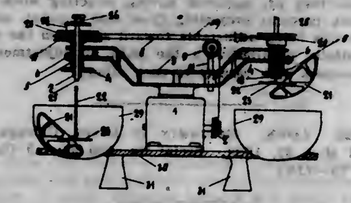
1. A valve for use in connection with a tank to supply a supplemental charge to the mixture from the carbureter comprising a coupling having an opening registering with

the manifold intake pipe, a tubular valve-casing extending through the coupling and having a plurality of apertures in one side thereof discharging into the manifold intake pipe, connections between the tank and valve.



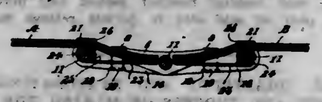
and a turning plug consisting of plug-members closing the ends of the tubular casing and a stem connecting said plug members, one of said plug-members being cut away on a line with the inlet opening in the valve-casing.

1,576,525. AGITATING AND BATTING MACHINE. FRIEDRICH MAYER, Munich, Germany. Filed Mar. 4, 1924. Serial No. 696,896. 1 Claim. (Cl. 259—108.)



An agitating machine driven by electro-motor comprising in combination an electro-motor, a vessel, a one-winged eccentrically arranged flat agitating body in said vessel adapted to be adjusted in known manner vertically and having small working faces one of which conforms with and is arranged close to the wall of said vessel while the inner face is oblique and describes a surface which gets larger from the bottom to the upper end of the vessel and is funnel-shaped, and means for rotating said agitating body.

1,576,526. BELT CONNECTER. ANTON MAZAC, Polar, Wis. Filed Aug. 6, 1925. Serial No. 48,531. 2 Claims. (Cl. 24—33.)



1. In a belt connecter of the type described, a frame, a fulcrum pin passing transversely through said frame, pairs of links pivoted to each end portion of said pin outwardly of the frame sides, fulcrum pins connecting the ends of the links located on opposite sides of the frame, belt end gripping means carried by the last mentioned fulcrum pins, said means including a member having belt engaging teeth, and a strap opposing the teeth to prevent the belt from moving away from the latter.

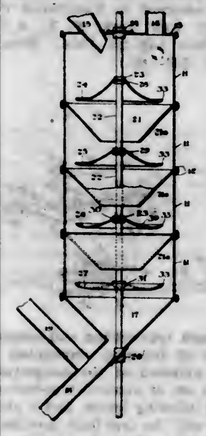
1,576,527. MOLDING. CLARENCE O. MCBRIDE, Detroit, Mich. Filed May 8, 1923. Serial No. 637,585. 1 Claim. (Cl. 296—29.)

In combination, a trim molding and a body having a groove therein; said molding having a tongue projecting therefrom and adapted to project into the groove; a lining for said groove; gripping members formed on said lining adjacent the upper end thereof, and spaced apart at their edges, when in alignment, a less distance



than the thickness of said tongue, said members being inclined inwardly of said groove and in engagement with said tongue when the same is passed between said members.

1,576,528. CENTRIFUGAL DRIER. ALEXANDER MCKAY, Montreal, Quebec, Canada. Filed Oct. 18, 1924. Serial No. 744,476. 3 Claims. (Cl. 34—10.)



3. In a centrifugal drier, a drier column, inverted conical hoppers mounted in said column, a plurality of dished drier plates rotatably mounted in the drier column, each plate being dished to provide elevated central and peripheral portions, the central and peripheral portions of the several plates being made of varying height, the plate with the highest central portion and shallowest peripheral portion being placed at the top of the column and the plate with the lowest central portion and the highest peripheral portion being placed at the bottom of the column, the arrangement being such that each plate is formed with a central portion of less height than the corresponding portion of the plate next above and with a peripheral portion of greater height than the peripheral portion of the plate next above, and means for rotating said plates including a supporting shaft connected therewith.

1,576,529. MANUFACTURE OF FILAMENTS AND FILMS FROM VISCOSE. WILLIAM MENDEL, Beverly, N. J. Filed Apr. 29, 1925. Serial No. 26,826. 7 Claims. (Cl. 18—54.)

1. The process of treating products of cellulose for the removal of undesirable sulphur bearing constituents thereof, which consists in subjecting the same to the action of trisodium phosphate (Na_3PO_4).

2. The process of treating viscose which has been subjected to a solidifying process in an acidulous bath, which consists in subjecting the solidified product to the action of tri-sodium phosphate before drying it.

1,576,530. MANUFACTURE OF FILAMENTS AND FILMS FROM VISCOSE. WILLIAM MENDEL, Beverly, N. J. Original application filed Apr. 29, 1925, Serial No. 26,828. Divided and this application filed Apr. 29, 1925. Serial No. 26,830. 7 Claims. (Cl. 18—54.)

2. The process of manufacturing articles from viscose by precipitating such viscose in an aqueous solution containing sodium bisulphite, and subjecting the same to the action of tri-sodium phosphate (Na_3PO_4).

1,576,531. MANUFACTURE OF FILAMENTS AND FILMS FROM VISCOSE. WILLIAM MENDEL, Beverly, N. J. Original application filed Apr. 29, 1925, Serial No. 26,825. Divided and this application filed Apr. 29, 1925. Serial No. 26,827. 6 Claims. (Cl. 18—54.)

1. The process of manufacturing articles from viscose by precipitating such viscose by heat, and subjecting the same to the action of tri-sodium phosphate (Na_3PO_4).

1,576,532. CORE FOR TIRE VULCANIZATION. THOMAS MIDGLEY, Hampden, Mass., and RALPH B. NAYLOR, Pasadena, Calif., assignors to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Original application filed Sept. 24, 1921, Ser. No. 503,030. Divided and this application filed Sept. 10, 1925. Serial No. 55,420. 1 Claim. (Cl. 18—45.)



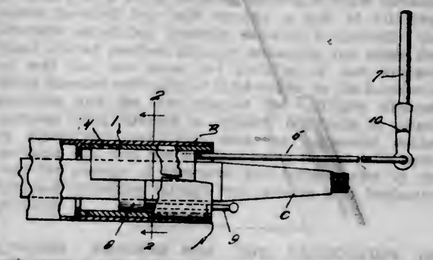
A tire vulcanizing core, a tubular annulus having a partition therein and having a continuous passage throughout its circumferential extent from one side to the other side of said partition, a fluid-inlet at one side of and adjacent to said partition, and a fluid-outlet at the other side of and adjacent to said partition, said fluid-outlet and fluid-inlet extending inwardly of the core, so that these fluid carrying elements extend between the beads of the tire casing when the core is in the casing, and so that the current of fluid can be effected substantially through the circumferential extent of the core for the purpose specified.

1,576,533. MOISTENER FOR POSTAGE STAMPS, ENVELOPES, AND THE LIKE. KURT MIKELEITIS, Schlaupitz, Germany. Filed Apr. 18, 1925. Serial No. 24,290. 1 Claim. (Cl. 15—138.)



A moistener for postage stamps, envelopes and the like comprising in combination a sleeve of suitable material tapering at the lower open end and open at the upper end, a tightly fitting cap closing the upper end of said sleeve, a tube inserted in said sleeve designed to be filled with water, the lower end of said tube being tapered and having longitudinal slits to make this end of the tube elastic, a sponge in the lower end of the tube projecting from the end of said tube, and clamping screws mounted in the sleeve for pressing together the elastic slit front end of said tube so that the sponge is compressed and the filtering of water through the same prevented until said screws are loosened.

1,576,534. BEARING-SLEEVE PULLER. DAVID O. MILLER, Macksville, Kans. Filed Sept. 8, 1924. Serial No. 736,548. 1 Claim. (Cl. 29—88.2.)



A bearing sleeve puller comprising a head section adapted to be inserted into the sleeve to be pulled, said section being relatively long and substantially semi-circular in cross section, a rod detachably connected to the outer end of said section and extending outwardly therefrom, a lever pivotally connected to the outer end of the rod, said lever comprising a handle, and a block-like connection between the handle and rod, said connection forming an impact member which is adapted to receive the blows from a hammer used in driving out the sleeve, and a supporting member for said head section, said supporting member being semi-circular in cross section, and comparatively short in length to permit it to be engaged with the intermediate portion of said first named section, and a handle forming rod connected to said supporting member.

1,576,535. SHIPPING CONTAINER AND STERILIZER. JOSEPH MUIR, New York, N. Y., assignor to The Radium Emanation Corporation, a Corporation of Delaware. Filed June 8, 1924. Serial No. 717,905. 3 Claims. (Cl. 250—34.)

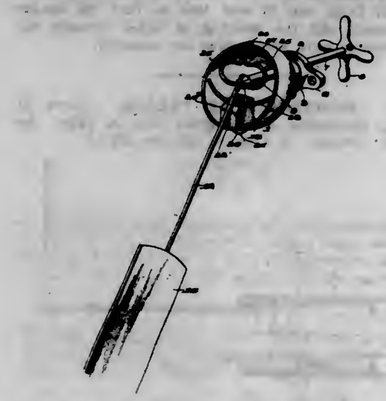


1. A combined shipping container and steriliser comprising a container and steriliser section having a pocket provided with an open top, a foraminous closure for the said top of the pocket having a depending flange provided with a resilient normally outwardly sprung bearing portion, the said flange being frictionally received within the open top of the pocket, and a cover section for the first-mentioned section.

1,576,536. SIGNAL. ROBERT S. PARKER, Ottawa, Kans. Filed Aug. 22, 1925. Serial No. 51,857. 9 Claims. (Cl. 116—47.)

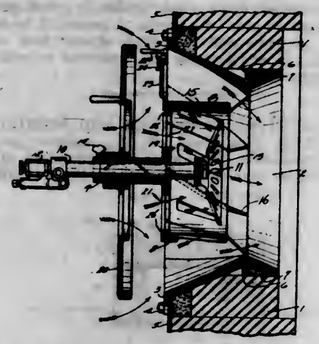
1. In a signal, a casing having a bearing, an operating shaft rotatably and slidably fitted in the bearing, a signaling arm, means for hinging the arm to the shaft to permit it to swing in one plane relative to the shaft while constraining it to rotate with the shaft, means on the casing co-operable with the arm for swinging the arm

to an outwardly and downwardly inclined position when the shaft is pulled inwardly a short distance, means on the casing co-operable with the arm and causing the arm to swing upwardly and outwardly when the shaft



is rotated after having been pulled inwardly a short distance, and means on the casing co-operable with the arm for holding the same in an extended and substantially horizontal position when the shaft is pulled inwardly as far as it may be.

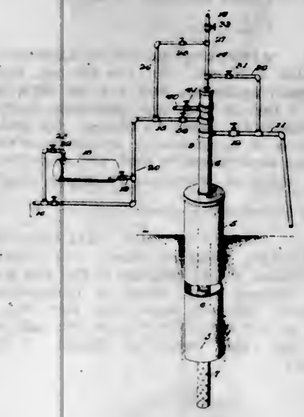
1,576,537. AIR REGISTER FOR FUEL BURNERS. ERNEST H. PEABODY, Pelham Manor, N. Y. Filed Apr. 19, 1923. Serial No. 633,169. 12 Claims. (Cl. 158—1.5.)



1. An air control register comprising an atomizer adapted to deliver fuel in the shape of a conical spray into a combustion chamber, a frusto-conical ring-like member adapted to fit into an opening in the front of the combustion chamber, a cylindrical member coaxial with the frusto-conical member, a plurality of spirally arranged deflector plates interposed between and connecting the conical member and the cylindrical member and adapted to direct the air into the combustion chamber, and rotatable and slidable means for the control of the air through the passages between the two members.

1,576,538. GAS-WELL EQUIPMENT. CHARLES S. PEALER, Danville, Ohio. Filed Jan. 21, 1924. Serial No. 687,662. 1 Claim. (Cl. 166—1.)

In a gas well equipment, the combination of inner and outer tubings, a main gas outlet member connected to said outer tubing and having a valve, a supplemental gas outlet member connecting said inner tubing to said main gas outlet member and having a valve, a fluid pressure line connected to said inner tubing and having a branch line connected to said inner tubing outwardly of the point of connection of said supplemental gas outlet member with said inner tubing, separate valve for said fluid pressure line and the branch thereof whereby a cleaning fluid or a solvent may be forced under pressure alternately in opposite directions through said inner and outer tubings for removing salt water and cleaning the productive strata, the valves in said main and supplemental gas outlet members forming a means whereby the gas in either tubing in advance of the salt water may be recovered, and a salt water outlet member connected to said outer tubing.



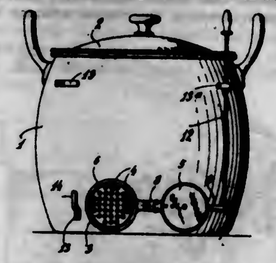
1,576,539. LIFT FOR SHOE HEELS. ANTONIO PENTIFALLO, Hollidaysburg, Pa. Filed Sept. 11, 1924. Serial No. 737,138. 1 Claim. (Cl. 36—35.)



In a lift for shoe heels comprising a piece of resilient material of substantially convexo-concave formation, a depression formed in the upper surface of said lift, raised sections formed laterally of said depression, opposing upwardly directed and longitudinally converging walls connecting the surface of said raised sections and the surface of said depression, said raised sections having their upper surfaces transversely convexed throughout their length, and means for securing said lift upon a shoe heel.

1,576,540. UTENSIL. ARTURO PERNO, New York, N. Y. Filed Oct. 30, 1924, Serial No. 746,720. Renewed Jan. 30, 1926. 4 Claims. (Cl. 53—8.)

1. A utensil of the character specified provided with a drainage outlet and a valve seat adjacent thereto, with a valve movably attached to the exterior of the utensil to close the said seat, and means to movably retain the valve closed, said means comprising an arm movably attached to said valve, a keeper for the arm attached to the



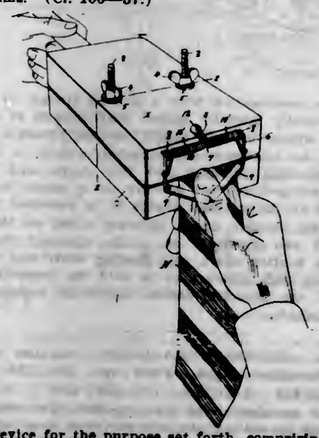
utensil to retain the valve closed against the seat, a rod movably attached to said arm, and retaining means on the utensil for said rod.

1,576,541. SAFETY BAND. GUSTAV W. PETERSON, Bradford, Pa. Filed Apr. 22, 1924. Serial No. 708,200. 2 Claims. (Cl. 24—3.)



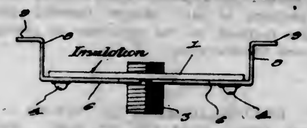
1. A device of the character described comprising, a cylindrical retaining collar, a plurality of pointed projections or prongs formed on the upper edge of the said collar, and an extension formed on the side of the collar adapted to act as an eraser.

1,576,542. NECKTIE PRESSER. LE PHILLIPS, Washington, D. C. Filed Jan. 8, 1926. Serial No. 80,034. 2 Claims. (Cl. 100—57.)



1. A device for the purpose set forth, comprising pressing blocks held in operative position by bolts, means on said bolts for clamping the blocks together, diverging rollers yieldably held against one of the blocks.

1,576,543. ELECTRIC-FIXTURE MOUNTING BRACKET. CHARLES PICKER, Albany, N. Y. Filed Apr. 17, 1924. Serial No. 707,220. 1 Claim. (Cl. 240—85.)

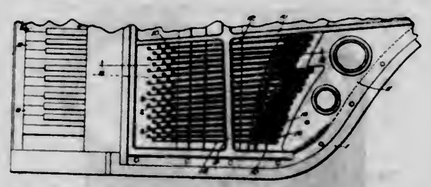


A fixture mounting bracket of the class described comprising a bar of insulation material provided between its ends with a screw threaded opening, a screw threaded sleeve threaded into said opening, a pair of attaching brackets embodying inwardly directed horizontally disposed slotted portions slidably contacting the under side of said bar, the outer end portions of said brackets being directed vertically at right angles to the horizontal portions, and the free ends of the vertically disposed portions being directed in opposite directions to extend in substantial parallelism with the horizontal slotted portions, said free end portions being formed with openings for passage of fasteners, and bolts carried by the bar and extending through the slots in said horizontal portions.

1,576,544. PROCESS FOR THE PRODUCTION OF BUTYRIC ALDEHYDE. CLARENCE E. PIGG, Terre Haute, Ind., assignor to Commercial Solvents Corporation, Terre Haute, Ind., a Corporation of Maryland. Filed July 25, 1924. Serial No. 728,176. 9 Claims. (Cl. 260—138.)

1. A process for the production of butyric aldehyde consisting in passing a mixture of normal butyl alcohol vapor and water vapor over a dehydrogenating catalyst at a temperature of 200–350° C., and condensing the vapors.

1,576,545. PIANO. EDWARD W. POWERS, Boston, Mass. Filed Dec. 16, 1921. Serial No. 522,741. 18 Claims. (Cl. 84—197.)



1. In a piano, the combination with a plate and a string, of a resilient support for said string, rigidly secured to said plate at a point between the ends of said string.

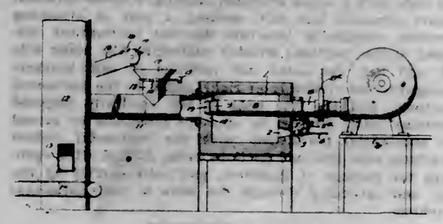
1,576,546. PACKAGE CARRIER. WEBSTER H. RANSOM, Spokane, Wash. Filed Feb. 14, 1925. Serial No. 9,309. 1 Claim. (Cl. 224—57.)



A package carrier comprising a blank bent to U-shape cross-section with relatively high parallel side arms spaced apart sufficiently to receive therebetween a package cord for free movement, the ends of said blank at the upper edges of the arms being rounded and bent

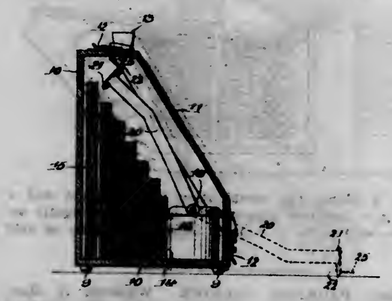
inwardly to form retaining flanges terminating in slightly spaced relation intermediate the arms to permit passage of a package cord therebetween only by forcing, the rounded portions of said flanges forming converging guide edges inclined in the direction of passage of a package cord therebetween.

1,576,547. DRYING APPARATUS. EDWARD C. READER, Cleveland, Ohio. Filed Feb. 12, 1925. Serial No. 8,702. 8 Claims. (Cl. 34—7.)



8. An apparatus of the character described comprising in combination a heating chamber, a conduit extending from said chamber and communicating therewith, means for delivering material to be dried into said conduit, a conduit in the said chamber and having a frusto-conical delivery end arranged within and spaced from the inlet of the first conduit, and means for forcing a drying fluid through the second conduit.

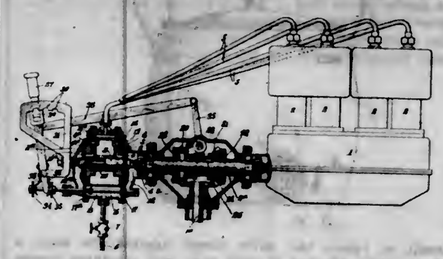
1,576,548. STENCILING APPARATUS. JACOB REUSCH, St. Paul, Minn. Filed Aug. 4, 1924. Serial No. 729,914. 6 Claims. (Cl. 101—126.)



1. In apparatus of the class described, the combination with a casing adapted to contain stencil plates, of a gauge bar adapted to be held in rigid spaced relation with the front of said casing to engage a card to be printed, said bar having a surface adapted to constitute a guide for a stencil in use, and means on said bar adapted to facilitate centering cards beneath said bar.

1,576,549. ENGINE-STARTING DEVICE. OLAF L. RIEGELS, Christiania, Norway, assignor of two-thirds to Marburg Brothers, Inc., New York, N. Y., a Corporation of New York. Filed Oct. 27, 1919. Serial No. 333,720. 3 Claims. (Cl. 60—16.)

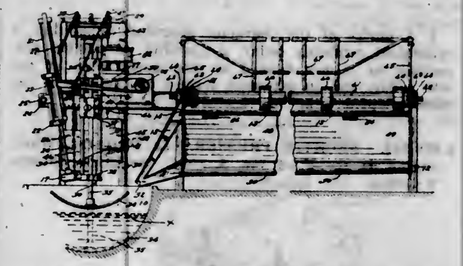
1. An engine having a reversing mechanism between the same and a driven shaft, in combination with a starting device for said engine, and a control member adapted to set said device to start the engine to turn in either direction, and means interlocking said control member with said reversing mechanism whereby the operation of said control member to change the direction of rotation of the engine, shifts said reversing mechanism.



1,576,550. REFRACTORY CEMENT COMPOSITION. WILLIAM F. ROCHOW, Pittsburgh, Pa., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Aug. 26, 1921. Serial No. 495,543. 1 Claim. (Cl. 106—9.)

A dry powdered refractory cement composition consisting of silica, fire clay, calcined silica, and from 5 to 20% of sodium silicate.

1,576,551. PAINT OR STAIN MIXING AND COATING APPARATUS FOR PORCH SHADES AND THE LIKE. ZACHARY E. RUSSELL, St. Cloud, Minn., assignor to Clyde W. Warren, Sauk Rapids, Minn. Filed June 29, 1925. Serial No. 40,248. 14 Claims. (Cl. 91—46.)

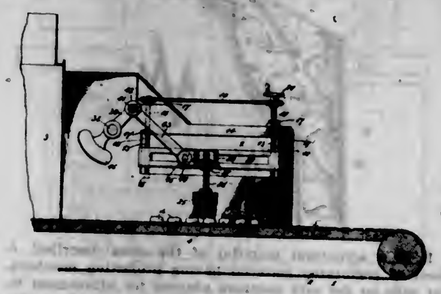


11. The combination with a dipping trough, of a pair of horizontally laterally spaced shafts, pairs of aligned sprocket wheels on said shafts, endless sprocket chains arranged to run over the sprocket wheels, a floating shaft extending between said two shafts and having rollers arranged to rest directly on a shade and hold the same on the sprocket chains to be conveyed thereby through the trough, and a sprocket wheel on the floating shaft and engaging one of the sprocket chains to drive the floating shaft, said floating shaft and its rollers having such pressure as to hold the respective portions of the sprocket chains depressed between said pairs of shafts.

1,576,552. BRUSHING MACHINE. CHARLES G. SANDS, Brookline, Mass. Filed Apr. 29, 1924. Serial No. 709,884. 5 Claims. (Cl. 107—44.)

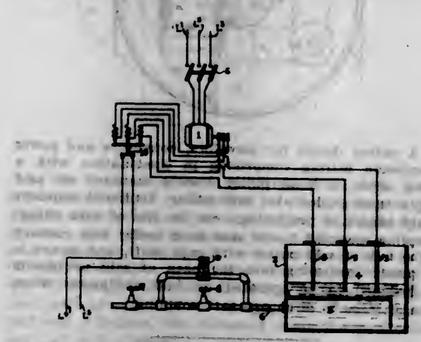
2. In a machine of the type specified, the combination comprising spaced upright side supports, a set of spaced adjusting screws on each of said supports, means for arranging the screws whereby they will turn on said supports without endwise movement, guides mounted on each of said sets of screws and through which guides

the threaded bodies of the screws extend, means connecting with the respective screws whereby the screws may be simultaneously and uniformly turned, a brush, a brush carrier interposed between said guides and connecting therewith to be slidable thereon, and means connecting with the brush carrier for reciprocating it on said guides.



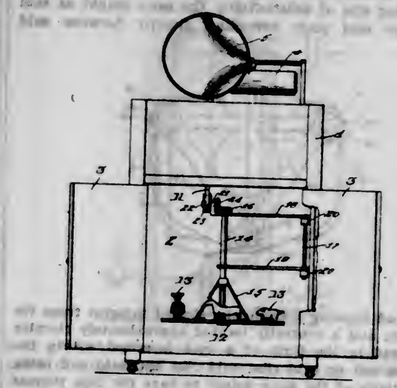
5. In a machine of the type specified, the combination comprising spaced upright side supports, a set of spaced adjusting screws on each side of said supports, means for arranging the screws whereby they will turn on the side supports without endwise movement, guides mounted upon each of said sets of screws and through which guides the threaded bodies of the screws extend, a brush, a brush carrier interposed between said guides and connecting therewith to be slidable thereon, cranks mounted to turn respectively upon said side supports, link connections between said cranks and the opposite ends of said brush carrier whereby the carrier may be reciprocated on said guides as the cranks are turned, means connecting said crank and link connections respectively whereby they may operate in unison upon an application of power to one of said cranks, and means for applying power to one of said cranks.

1,576,553. ELECTRICAL CONTROLLER. EDWIN W. SEEGER, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Apr. 13, 1922. Serial No. 552,296. 8 Claims. (Cl. 172—274.)



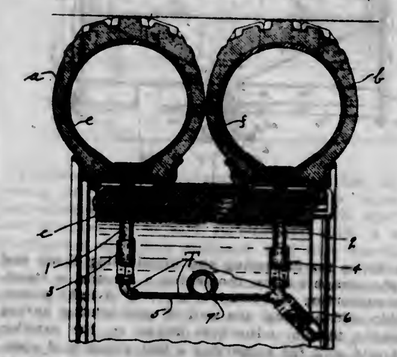
2. The combination with an induction motor, of a fluid rheostat for controlling an electrical condition of said motor, pneumatic means for varying the immersion of the electrodes of said rheostat, control means for said pneumatic means including means for constantly increasing the immersion of the electrodes at a given minimum rate, and means responsive to variations in such electrical condition of said motor to vary the rate of immersion of said electrodes in accordance with variations in the load on said motor.

1,576,554. ATTACHMENT FOR PHONOGRAPHS. CHARLES FREDRICK SMITH, Schmidt, N. Dak. Filed Apr. 17, 1928. Serial No. 632,750. 2 Claims. (Cl. 272—81.)



1. In a toy of the character described in combination with a phonograph, a cabinet, a disk carrying a series of animal figures, means for supporting said disk in the cabinet of the phonograph, means for swinging said disk partially out of said cabinet, and means connecting said disk with the motor of the phonograph for revolving said disk when swung out and upon the playing of the phonograph.

1,576,555. PNEUMATIC-TIRE VALVE MECHANISM. LEON N. SOUTHMAYD, Springfield, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Apr. 28, 1923. Serial No. 635,225. 2 Claims. (Cl. 152—12.)

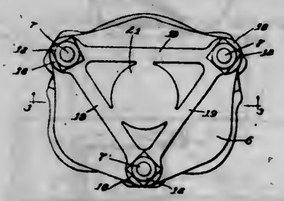


1. A valve mechanism for dual tires comprising two independent normally open valves, mounted one in the valve stem of each tire, a manifold connecting the two valve stems, and a normally closed inflating valve located in the manifold, whereby the tires can be inflated to and maintained at equal pressures, but the air in either tire will be retained in it by a closure of its normally open valve upon a sudden decrease in pressure in the other tire.

1,576,556. DENTAL FLASK. WILLIAM A. STEPHEN, Rockford, Ill. Filed July 30, 1924. Serial No. 729,018. 1 Claim. (Cl. 18—33.)

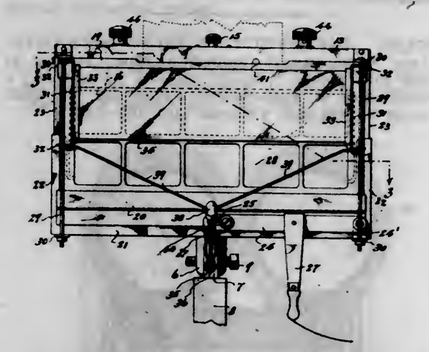
In a dental flask comprising a lower and upper hollow mold body, a cover plate arranged to be bolted to the lower mold body with the upper mold body clamped there-

between and aligned therewith, there being at least three bolts for fastening said cover plate, three heavy bosses at the edges of said plate arranged in substantially equally spaced relation and having openings to receive said bolts, reenforcing ribs of substantially the same height as said bosses on said plate extending directly between said



bosses and forming a triangular-shaped integral truss for the plate, and a centrally located approximately circular thrust pad in the form of a boss inscribed within the figure formed by said ribs, said ribs and said pad being substantially of the same height to have the tops thereof flush with one another.

1,576,557. X-RAY-FILM VIEWING STAND FOR SURGEONS. JACQUES M. STRULLY, Brooklyn, N. Y. Filed Feb. 11, 1925. Serial No. 8,381. 8 Claims. (Cl. 88—39.)



1. A device for displaying and illuminating X-ray and other photographic films, comprising a housing, a standard for supporting said housing, a source of light mounted within said housing, one wall of said housing having an opening therein, adjustable means on the exterior side of said wall for supporting a film across said opening, comprising a stationary channel member fixed to said wall, a vertically slidable carrier plate provided with a second channel member opposed to said stationary channel member, means on said wall for slidably supporting said carrier plate, and a means for actuating said carrier plate.

1,576,558. CERAMIC MATERIAL. RAY T. STULL, Columbus, Ohio, assignor to Stull Process Company, Savannah, Ga., a Corporation of Georgia. Filed Mar. 20, 1924. Serial No. 700,714. 33 Claims. (Cl. 106—11.)

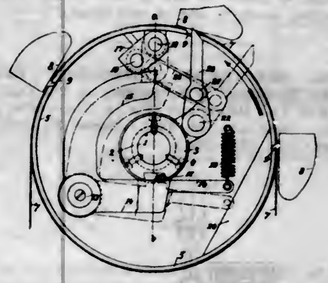
1. As a composition of matter, a synthetic clay suitable for making light-colored brick composed of a mixture of natural highly colloidal secondary kaolin deficient in alkali and alkaline earth fluxes, with a pegmatite.

1,576,559. STRUCTURAL MATERIAL. JOSEPH KAY SWIFT, Brooklyn, N. Y. Filed Aug. 8, 1925. Serial No. 47,735. 6 Claims. (Cl. 189—34.)



1. In a structural material of the class described, a sheet of perforated material having projecting members, flat ends on the said members adapted for attachment to a panel or the like, and tongues projecting from the surface of the said sheet opposite to that first described, secured to the said sheet a secondary sheet also perforated and with the said perforations coinciding with those of the first sheet, tongues projecting from the said secondaary sheet in contact with the tongues of the first and forming with them bifurcated clips adapted to secure the whole to a basic structure substantially as shown and described.

1,576,560. SAFETY DEVICE FOR ELEVATORS, CONVEYERS, AND LIKE APPARATUS. ALBERT TEICHMANN, Zeitz, Germany. Filed Feb. 16, 1925. Serial No. 9,628. 5 Claims. (Cl. 198—232.)

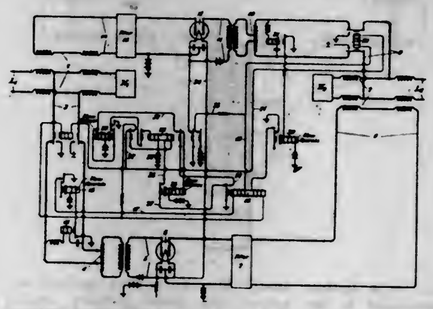


1. A safety device for elevators, conveyers and power transmission belting comprising in combination with a driving shaft, a band pulley loosely mounted on said shaft, a band guided over said pulley, abutment members on said band and projecting over the rim of said pulley, a coupling mounted inside said band pulley and connecting the hub of said pulley with said shaft, and means in said pulley projecting into the path of said abutments and designed to be operated by said abutments when the band stops to disengage said coupling.

1,576,561. ARRANGEMENT FOR EXERCISING REMOTE CONTROL OVER REPEATERS. JOHN F. TOOMEY, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed June 2, 1925. Serial No. 34,466. 2 Claims. (Cl. 179—171.)

1. A transmission line comprising two line sections interconnected by repeater apparatus, a circuit associated with one of said line sections and controlled by signaling

current coming in over said line section, a relay in said circuit, means controlled thereby for applying signaling current to the other of said line sections, a second relay in said circuit, means controlled by the initial operation



and release of said second relay for rendering said repeater apparatus operative and for short circuiting said first relay, and means controlled by a second operation and release of said second relay for restoring said arrangements to normal.

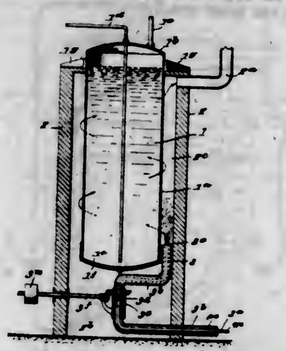
1,576,562. EMBROIDERY. JACOB D. VOSS and SIMON UBY, Chicago, Ill. Filed Sept. 23, 1925. Serial No. 58,004. 3 Claims. (Cl. 41—36.)



1. The combination with a flexible fabric of a flexible waterproof beaded embroidery thereon, comprising a plastic adhesive foundation and a layer of beads applied thereto, said adhesive foundation comprising a vehicle and a pigment, the pigment being the predominate part of said foundation, said vehicle containing fir seed oil and oil of turpentine, the fir seed oil being the predominant part of said vehicle, said pigment containing white lead and lithopone, the lithopone being the predominant part of said pigment.

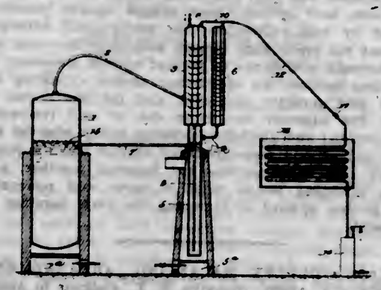
1,576,563. HEATING SYSTEM FOR OIL STILLS. FRANK E. WELLMAN, Kansas City, Kans., assignor to The Kansas City Gasoline Company, Kansas City, Kans., a Corporation of Kansas. Filed Dec. 17, 1921. Serial No. 523,062. 13 Claims. (Cl. 196—116.)

1. The combination of a vertical still, a furnace setting enclosing the same with an annular combustion space between the two, a stack adapted to receive products of combustion from the upper part of said space, means to produce localized combustion of fuel in the lower



part of said space and means to constantly change the point of application of the resultant flame to the still wall.

1,576,564. APPARATUS FOR DISTILLING HYDROCARBONS. FRANK E. WELLMAN, Kansas City, Kans., assignor to The Kansas City Gasoline Company, Kansas City, Kans., a Corporation of Kansas. Filed June 3, 1922. Serial No. 565,635. 1 Claim. (Cl. 196—99.)

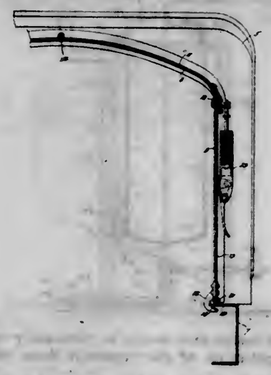


A system for the treatment of hydrocarbon oil comprising a cracking still, a fractionator, a vapor line therebetween, a supplemental still, a down pipe from said fractionator to said supplemental still, a second fractionator extending alongside said first fractionator and connected to said supplemental still, a condenser, vapor line connections from both said fractionators to said condenser, a return pipe from the supplemental still to the cracking still, and a feed pipe connected to the first named fractionator for introducing fresh oil into the system through said fractionator and said supplemental still.

1,576,565. HOOD-DOOR CONSTRUCTION FOR MOTOR VEHICLES. FRANK A. WHITTEN, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed July 23, 1921. Serial No. 487,206. 12 Claims. (Cl. 180—69.)

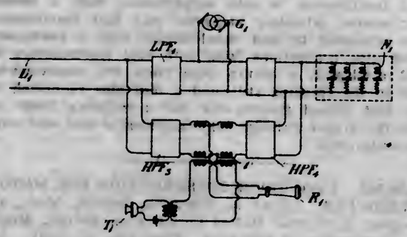
1. In a hood structure of the class described and in combination with a radiator and cowl, and a frame member located adjacent the lower ends and extending between said elements and having a substantially horizontal upper flange; a removable door section extending between said radiator and cowl and the side edges of which lie adjacent said elements; holding members located adjacent the lower end of said door section and which members have portions extending beneath said

upper flange to thereby prevent upward movement of said door section; and yieldable means operatively connected with the upper end of said door section and tending to move the same upward.



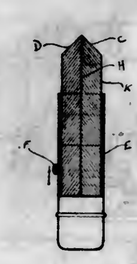
12. In a hood structure of the class described and in combination with a radiator and cowl, a removable door section capable of slight upward movement when assembled in the hood structure, and which section extends between said radiator and cowl; a stationary frame member channel shaped in cross section and having a substantially flat upper portion extending between said radiator and cowl and along the lower edge of said removable door section; hook shaped holding members carried by said removable door section and arranged adjacent the lower edge thereof, and which members engage beneath said flange to prevent upward movement of said door section; an upper door section extending between said radiator and cowl and the lower end of which lies adjacent the upper end of said removable door section; and yieldable fastening means whereby the upper end of said removable door section and the lower end of said upper section are fastened together, and which fastening means tends to move said removable door section upward in fastening the parts together as aforesaid.

1,576,566. DUPLEX BALANCING ARRANGEMENT. HERMAN A. AFFEL, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Apr. 1, 1920. Serial No. 370,429. 8 Claims. (Cl. 179—2.)



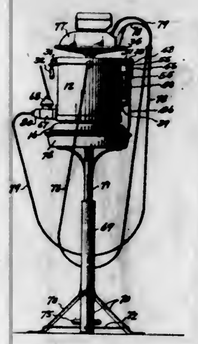
1. In a signaling system adapted for the simultaneous transmission of frequencies constituting a plurality of channels of transmission the combination of a transmission line, means for impressing a plurality of groups of frequencies on the said line, selective networks adapted to discriminate between the fundamental frequencies of the said groups, and a balancing network designed to balance said line for predeterminate harmonics only of one of said groups which are liable to interfere with the frequencies of the other of said groups.

1,576,567. LIP STICK. LUCILLE BUHL-BONANNO, Mount Vernon, N. Y., assignor to Lucille Buhl Vanity Products Co., Inc., New York, N. Y., a Corporation of New York. Filed Mar. 21, 1925. Serial No. 17,158. 5 Claims. (Cl. 132—79.)



1. A cosmetic consisting of a semi-cylindrical body of cold cream and a semi-cylindrical body of rouge adjacent each other and in a common wrapper and a cylindrical metal container therefor.

1,576,568. GENERATOR FOR STEAM PRESSING IRONS. CHARLES A. BREWER, Noroton Heights, Conn., assignor to Cannon Engineering Co., Brooklyn, N. Y., a Corporation of New York. Filed Apr. 29, 1925. Serial No. 26,606. 18 Claims. (Cl. 219—19.)

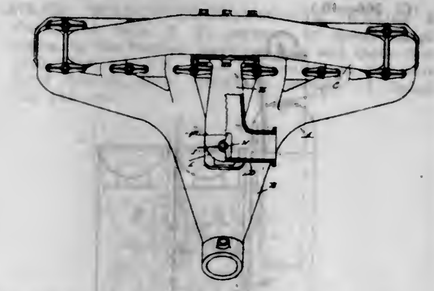


1. A portable steam generator for the purposes described, comprising a boiler body, heating means therefor, means for supporting the boiler body, a combined filling funnel and iron rest at the upper end of said boiler body, and a valve means intermediate said boiler body and filling funnel manipulatable to establish at will either water intake communication between the latter and the former or steam discharge from the boiler interior.

1,576,569. MANIFOLD CONSTRUCTION FOR INTERNAL-COMBUSTION ENGINES. ALANSON P. BRUSH, Detroit, Mich. Filed Mar. 26, 1920. Serial No. 369,151. 2 Claims. (Cl. 123—122.)

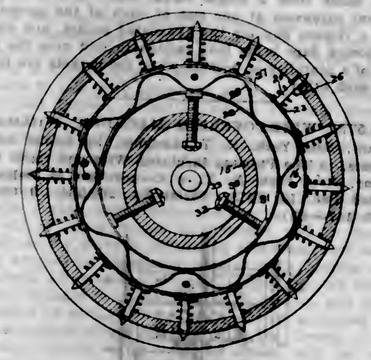
2. The combination with an exhaust manifold and an inlet manifold having a horizontal inlet portion, a vertical outlet portion leading therefrom, and an angling portion therebetween, a pocket within said exhaust manifold and extending transversely of said inlet manifold,

the bottom of said pocket lying in a horisontal plane only slightly below the horisontal portion of said inlet manifold, and a downwardly sloping passage connecting



the angling portion of said intake conduit with said pocket, whereby liquid fuel falling out of suspension will drain into said pocket and will be returned as vapor to the intake.

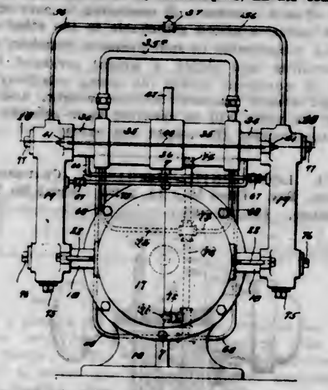
1,576,570. EMERGENCY WHEEL AND NONSKIDDING DEVICE. KASIMIR LUSCH, Chicago, Ill. Filed Sept. 30, 1925. Serial No. 59,489. 7 Claims. (Cl. 301—47.)



6. A device of the class described comprising a housing including a disk like member having an inner and an outer annular flange, means for fastening the device to the rim lugs of a wheel and to support the inner flange on the brake band box of said wheel, elements movably mounted in openings in the outer flange, springs for moving said elements inwardly in said flange, concentric bands and resilient means for urging said elements outwardly, and threaded means mounted in the inner flange for actuating said bands, resilient means and elements.

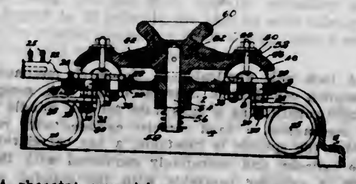
1,576,571. AIR COMPRESSOR. JOHN O. CARREY, St. Louis, Mo., assignor to Carrey-Morse Engineering Company, St. Louis, Mo., a Corporation of Missouri. Filed Aug. 8, 1922. Serial No. 580,386. 19 Claims. (Cl. 230—27.)

1. An air compresser comprising a primary piston, means for actuating said piston, operative connections in said means for automatically varying the speed of said piston during each stroke, a pressure chamber adapted to be wholly filled with liquid, said liquid being arranged to be placed under pressure by said piston, a secondary piston operating in said pressure chamber and adapted to be actuated by said liquid, an air compression



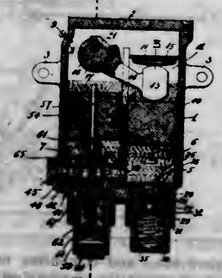
chamber, an air piston operating in said chamber and interconnected to said secondary piston, and valves for said air compression chamber.

1,576,572. RHEOSTAT. PIERRE I. CHANDEYSSON, St. Louis, Mo. Filed Apr. 18, 1922. Serial No. 554,469. 2 Claims. (Cl. 201—48.)



1. A rheostat comprising a substantially dome shaped casing provided with a plurality of sets of spaced contacts, an arcuate contact plate arranged adjacent each set of spaced contacts, a resistance element supported in the dome of said casing and connected with certain of the contacts, said resistance element comprising a series of spiral coils with interconnecting loops, said loops adapted to straddle the aforesaid contacts, a rotatable element journaled on the casing, and U-shaped conductors carried thereby and adapted to bridge the spaces between the plates and the spaced contacts.

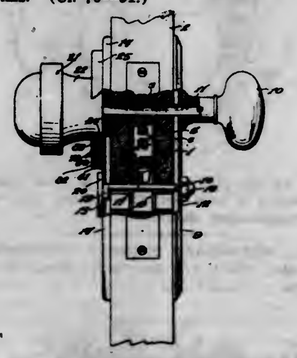
1,576,573. SHOCK ABSORBER. FREDERICK E. CLARKE, Somerville, Mass., assignor to James S. Lang, Watertown, Mass. Filed Nov. 10, 1924. Serial No. 748,852. 17 Claims. (Cl. 188—88.)



1. A fluid check shock absorber for controlling the movement of relatively movable parts comprising a casing attachable to one of said parts and having a pressure

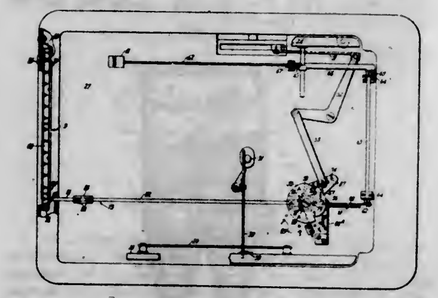
chamber in it, said casing being provided also with means permitting of the circulation of a contained fluid into and out of said chamber and consisting in part of a controllable outlet, a piston attachable to the other of said parts and reciprocable in said pressure chamber, a valve for controlling said outlet, a weight arranged to have freedom of movement within the casing relatively to the valve, an elastic support for the weight, and means whereby the valve will be operated upon relative change in position between the weight and valve.

1,576,574. LOCK UNIT. HERMAN H. CLAUSSEN, San Antonio, Tex. Filed May 13, 1924. Serial No. 713,058. 10 Claims. (Cl. 70—91.)



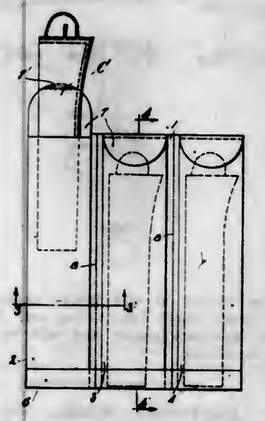
1. A lock unit applicable to the latch mechanism of an installed combination door latch and lock, comprising a spindle constituting a substitute for the spindle of the latch mechanism, a fixed tumbler cylinder with relation to which the spindle is rotatable, a key barrel rotatable in the cylinder and operatively connected with the said spindle, a cylinder rotatable with the spindle, a knob rotatable upon the first mentioned cylinder, and key controlled means operable to lock the key barrel with the first mentioned cylinder and permit rotation of the knob and also operable to disconnect the key barrel from the said cylinder and lock the knob and second mentioned cylinder for rotation in unison.

1,576,575. COMBINED TYPEWRITING AND COMPUTING MACHINE. FREDERICK U. CONARD, Brooklyn, N. Y., assignor to Underwood Computing Machine Company, New York, N. Y., a Corporation of New York. Filed June 13, 1924. Serial No. 719,744. 28 Claims. (Cl. 235—60.)



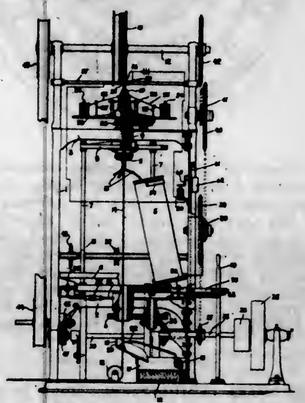
1. In a typewriting and computing machine, the combination with state-setting mechanism and a general operator, of state-controlling mechanism including a ratchet-driven cam operated by the general operator to cause a definite schedule of computations to be carried out.

1,576,576. UNITARY FOLDABLE PACKAGE. CHARLES M. CONNOLLY, Troy, N. Y., assignor to Cluett, Peabody & Co. Inc., Troy, N. Y., a Corporation of New York. Filed Sept. 29, 1924. Serial No. 740,583. 2 Claims. (Cl. 206—46.)



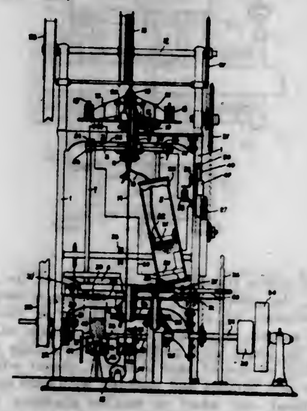
1. A unitary foldable container for articles of the character referred to, comprising a series of pockets detachably connected together, the backs of the pockets being made from a single blank, said blank having an integral extension at one end of each of the pockets to form a closure flap for the associated pocket, and one of the closure flaps being long enough to fold over the open ends of a plurality of pockets when the pockets are folded over each other.

1,576,577. WIRE-COVERING MACHINE. WILLIAM E. COOK, New York, N. Y., assignor, by mesne assignments, to The Peerless Insulated Wire and Cable Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 13, 1918. Serial No. 266,564. 9 Claims. (Cl. 117—40.)



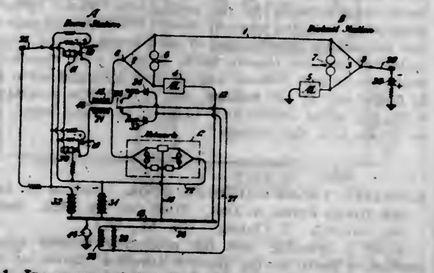
1. An insulating wire covering machine embodying therein a rotatable horizontal platform, a container or containers for a coil of cotton sliver or other material supported by said platform, means adapted to hold said container or containers at an incline towards the axis of rotation of said platform, wire feeding means whereby a wire is continuously fed axially of said platform, means applying adhesive to the wire before the sliver, or other material, is wound thereon, means for compacting the sliver, or other material, upon the wire, means for applying binding cords or strands to the compacted sliver, and actuating means for said platform, said wire feeding means and said last named means.

1,576,578. WIRE-COVERING MACHINE. WILLIAM E. COOK, New York, N. Y., assignor, by mesne assignments, to The Peerless Insulated Wire and Cable Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 13, 1918. Serial No. 266,565. 8 Claims. (Cl. 117—40.)



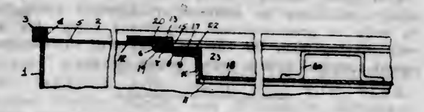
1. A wire covering machine embodying therein a rotatable horizontal platform adapted to receive a container or containers for cotton sliver, or other material, means feeding a wire axially of said platform, means applying adhesive to said wire before the sliver, or other material, is applied thereto, actuating means for said platform and said wire feeding means, and an automatic stop mechanism whereby said actuating means is made inoperative with the exhaustion of the sliver in any container, consisting of electrical contacts adjacent the bottom of the container or containers carried by said platform, a movable circuit closing device adapted to be sustained by the coil of sliver within a container and to descend therein as the sliver is withdrawn therefrom, said device being adapted to electrically connect said contacts when the supply of sliver is substantially exhausted, an electromagnet included in circuit with said contacts, and means controlled by said magnet and operatively connected with said actuating means, whereby with the closing of said electrical circuit, said actuating means will be made inoperative.

1,576,579. GROUND-POTENTIAL-NEUTRALIZING SYSTEM. SAMUEL I. COBY, Elmhurst, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Mar. 9, 1922. Serial No. 542,879. 11 Claims. (Cl. 178—58.)



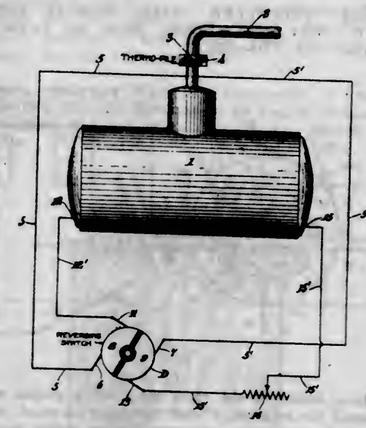
1. In a grounded telegraph system, the combination with telegraph stations and a telegraph line uniting the same, of a ground connection for said line at each station, an artificial network simulating electrically said line and said stations, and means associated with and controlled by a difference of currents in said line and said network for neutralizing differences in ground potential between the said ground connections.

1,576,580. CLOSURE MEMBER FOR CONTAINERS. HARTLEY ELLIS, Cleveland, Ohio. Filed Mar. 16, 1925. Serial No. 15,784. 8 Claims. (Cl. 220—40.)



1. In a closure for containers, the combination with a container head having a central opening with an inturned flange; a flat depressed portion adjacent such opening; a gasket mounted on said flat depressed portion; a locking ring having a series of spaced lugs mounted on said head and having the lugs overlying said flat depressed portion; a closure member having a depressed central portion adapted to snugly fit within said inturned flange; and a flat ring portion adapted to overlie the depressed portion of said head and rest on said gasket to secure the same in said depressed portion; said ring portion being provided with radially extending spaced lugs adapted to fit between the lugs on said locking ring and to be rotated thereunder to lock said closure member tightly on said barrel head and gasket.

1,576,581. METHOD AND APPARATUS FOR PROTECTION OF METALLIC SURFACES. GUY H. ELMORE and HENRY J. CREIGHTON, Swarthmore, Pa., assignors to Antiscale Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed Apr. 9, 1925. Serial No. 21,772. 10 Claims. (Cl. 204—25.)



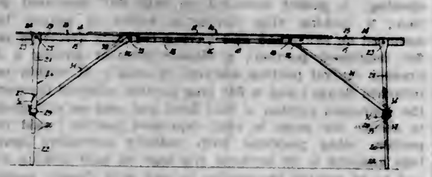
1. The process of protecting a surface of a metallic body against encrustation or scaling which comprises passing an electric current through the body and maintaining throughout the body of which the surface is to be protected a potential gradient below that which will accelerate normal electrolytic corrosion thereof while maintaining a cross sectional density of current in the body whereby encrustation and scaling of the surface will be eliminated.

1,576,582. PHONOGRAPH RECORD AND METHOD FOR PRODUCING SAME. VICTOR H. EMERSON, New York, N. Y. Filed Oct. 20, 1920. Serial No. 418,245. 4 Claims. (Cl. 18—48.4.)



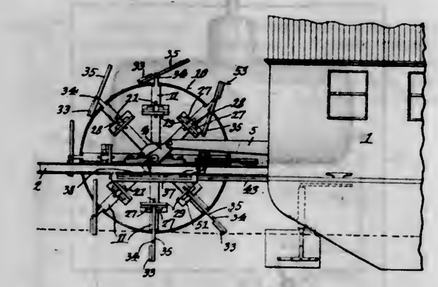
1. A tablet having a body member of nonrecord material, containing in uniform arrangement throughout its body in predetermined proportions silica clay and resin, having upon the surface a layer of thermoplastic record material with a sound record therein.

1,576,583. COLLAPSIBLE AND EXTENSIBLE TRESTLE. JAMES FREDRICK ENGLAND, Lebanon, Mo. Filed June 23, 1925. Serial No. 39,112. 6 Claims. (Cl. 304—6.)



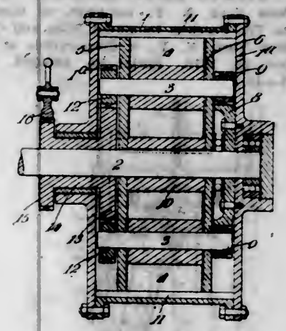
4. A trestle comprising a beam having depending and upper flanges, pairs of legs, the upper end portions of said legs and depending flanges having portions to engage one another, the upper flanges having slots to receive the upper ends of said legs, and means for connecting the legs of each pair with one another and with the beam for bracing the legs and beam relatively to one another.

1,576,584. PROPELLER. FRANK ERDMANN, Buffalo, N. Y. Filed Sept. 5, 1925. Serial No. 54,789. 3 Claims. (Cl. 170—108.)



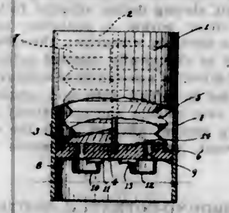
1 In a device of the class described, a paddle wheel supported for rotation, a blade pivotally mounted on the paddle wheel, a spring actuated locking device movably mounted on the paddle wheel and engaging the blade to hold the blade in working position, the locking device embodying cam parts, means under the control of an operator for operating the locking device to free the blade, said means coacting with one of the cam parts of the locking device, and the blade cooperating with the other of the cam parts, to move the locking device, and to permit the blade to engage with the locking device, as the blade swings to working position.

1,576,585. POWER-TRANSMITTING APPARATUS. ALBERT EDWARD ESCOTT, Upper Norwood, London, England. Filed Aug. 4, 1925. Serial No. 48,063. 6 Claims. (Cl. 74—34.)



1. In a power transmitting apparatus of the kind referred to, the combination with a driving element and a driven element, of a drum containing a quantity of liquid, a system of paddles arranged within said drum, supports in which said paddles are rotatably mounted, a sun-wheel on one of said elements, planet wheels connected to said paddles and meshing with said sun wheel, an additional sun wheel of smaller diameter than the former sun wheel, and other planet wheels connected to said paddles and meshing with said additional sun wheel.

1,576,586. TALKING-TOY MECHANISM. FRED EVANS, Summit, N. J., assignor, by mesne assignments, to Voices Incorporated, a Corporation of Delaware. Filed Mar. 21, 1923, Serial No. 626,493. Renewed July 7, 1925. 7 Claims. (Cl. 46—46.)



8. A sounding device having in combination a tubular casing, a tubular bellows having one of its heads fixed with respect to the casing and its other head free to move longitudinally of the casing, the freely movable head being weighted whereby it will compress and expand the bellows by gravity, one of said heads having a plurality of orifices therethrough, a reed pipe associated with one of said orifices, and adapted to sound when air is forced out of the bellows, and a reed pipe associated with the other orifice and adapted to sound when air is drawn into the bellows.

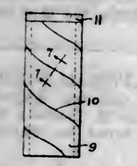
1,576,587. VALVE-GRINDING TOOL. GEORGE F. FERRIS, Grand Forks, N. Dak. Filed Feb. 16, 1922. Serial No. 537,575. 7 Claims. (Cl. 51—29.)

1. In a grinding tool for producing reverse rotary motion, a shaft having grooves provided therein of different pitches, and a handle mechanism reciprocably mounted on said shaft including independent clutch

mechanisms slidable upon the shaft engaging in different grooves of the same, whereby upon reciprocation of the handle mechanism, the clutch mechanisms will automatically engage and disengage to cooperate with the grooves in said shaft to effect rotary movement of the shaft in different directions at different speed ratios.

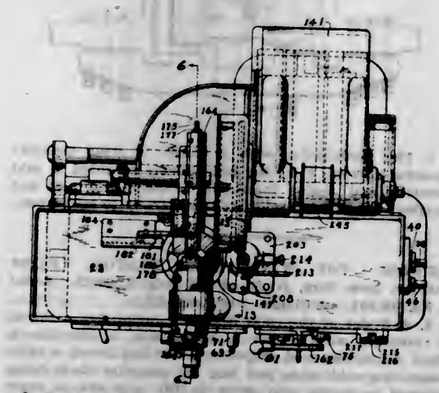


1,576,588. ART OF MANUFACTURING FOUNTAIN-PEN CAPS AND BARRELS. MARX FINSTONS, New York, N. Y. Filed Feb. 20, 1925. Serial No. 10,709. 6 Claims. (Cl. 18—56.)



1. The method of manufacturing pen barrels or caps which consists in forming a piece of stock around a mandrel and fusing the edges of the stock together.

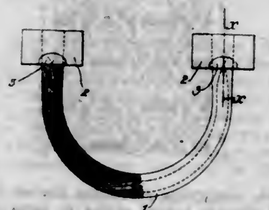
1,576,589. ROLL-GRINDING MACHINE. JOHN F. FLAHERTY, Toledo, Ohio, assignor to The Bock Bearing Company, Toledo, Ohio, a Corporation of Ohio. Filed July 12, 1920. Serial No. 395,589. 8 Claims. (Cl. 51—97.)



3. In apparatus of the class described, the combination of a plurality of grinding wheels, one of which has a straight grinding face and the other of which has a curved grinding face, and means for automatically moving the work parallel to said straight grinding face while being operated upon thereby and for oscillating the work about the center of said curved face while being operated upon thereby.

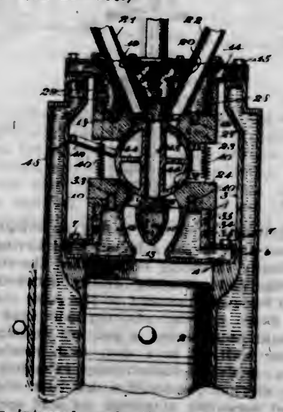
6. In a grinding machine, the combination of a carriage, a work-holder on said carriage adapted to be swung about an axis to move the work in a curved path while being acted upon by a grinding wheel, a wheel-dressing device mounted on said carriage and adapted to be swung about an axis parallel to the axis of the work-holder, and a plurality of stops cooperating with said carriage to accurately position the work or said device interchangeably in operative relation to the grinding wheel.

1,576,590. RAIL BOND FOR ELECTRIC RAILWAYS AND METHOD FOR PRODUCING THE SAME. ROBERT FORTER, Zurich, and HULDREICH ALTORFER, Ruti, Switzerland, assignors to Embru-Werke A.-G., Ruti, Switzerland. Filed June 10, 1924. Serial No. 719,062. 3 Claims. (Cl. 172—262.)



1. A rail bond comprising an electric conductor, an iron terminal block secured to each end of the conductor, each block comprising a tubular portion having a central opening in which one end of the conductor is inserted and having diametrically opposite broad longitudinal ribs, the cylindrical walls of said tubular portion being pressed inwardly toward the conductor throughout a portion of their length to flatten a portion of the conductor and the central opening said longitudinal ribs serving to prevent spreading of the conductor and the central opening in a lateral direction so that the cross-sectional area and also the periphery of the conductor and the opening are reduced whereby the pressed-in material of said tubular walls compacts the conductor and fills all interstices.

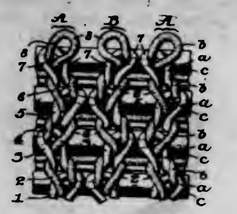
1,576,591. ROTARY VALVE. CHRISTIAN C. FOSS, Pinecastle, Fla., and DOUGLAS D. DE LOACH, Savannah, Ga. Filed Nov. 13, 1924. Serial No. 749,728. 3 Claims. (Cl. 23—190.)



1. In an internal combustion engine, an engine block having a cylinder bore and a space above said bore, a

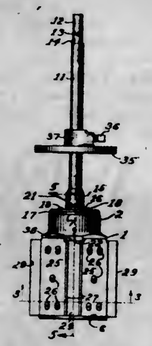
cylinder cover having an extension upstanding therefrom of circular cross sectional contour, a cover for the space above said cylinder bore, said last named cover having a portion depending therefrom of circular cross-sectional contour and overlying said upstanding extension, a lower valve seat member supported on said upstanding extension and movable vertically, an upper valve seat member slidably engaged with said depending portion of the second cover, a rotary valve supported between said valve seat members, said valve having a transverse passage therethrough, and tension spring means connecting said valve seat members.

1,576,592. FABRIC. WILLIAM J. FOX, Philadelphia, Pa., assignor to James R. Kendrick Co., Inc., Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 24, 1923. Serial No. 682,421. 11 Claims. (Cl. 66—190.)



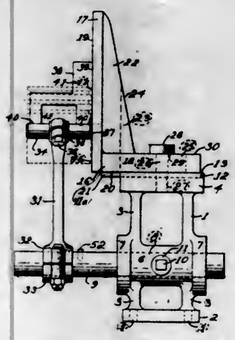
2. A fabric comprising successive courses of pairs of interknitted threads having chains of loops on the opposite faces of the fabric, one thread of each of certain pairs forming loops in the chains on one face of the fabric and forming relatively short and long loops in the chains on the opposite face of the fabric, the said short loops embracing loops formed by the other thread of the same pair, and said long loops embracing loops formed by a thread of the next adjacent pair.

1,576,593. GRINDER. ALBERT F. FROUSSARD, St. Louis, Mo. Filed Mar. 24, 1923. Serial No. 627,267. 4 Claims. (Cl. 51—206.)



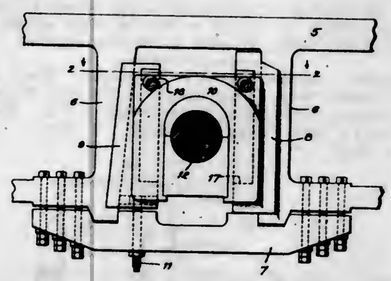
1. In a grinder, a spindle having an integral flange formed at one end thereof, a hollow head having a series of longitudinally extending slots formed therein secured to said flange and extending axially outwardly therefrom, a cap removably secured to the outer end of said head, said flange and cap adapting said head to carry lubricant, said head having a pair of openings formed in the inner wall of each slot, said openings being adapted for receiving diametrically extending springs, an abrasive element positioned within each slot adapted to be forced outwardly therefrom by said springs, and means for permitting lubricant to be discharged from said hollow head by centrifugal force.

1,576,594. PISTON ALIGNER. ALBERT F. FROUSSARD, St. Louis, Mo. Filed May 7, 1923. Serial No. 637,288. 3 Claims. (Cl. 33—180.)



1. A piston-aligner comprising a supporting member, a mandrel borne by the supporting member, and a member having a surface perpendicular to the axis of said mandrel and borne by the said supporting member, the connection between the two members including a flat upper plate carried by the supporting member and grooved in the longitudinal direction of the mandrel and the surface member having a lower base arm carrying a depending rib slidable in the groove of the plate and means for holding the base arm and plate in adjusted positions.

1,576,595. LATERALLY-ADJUSTABLE DRIVING BOX. IVAN O. GARDNER, Somerset, Pa., assignor of one-half to George H. Emerson, Baltimore, Md. Filed June 6, 1925. Serial No. 35,396. 22 Claims. (Cl. 105—81.)

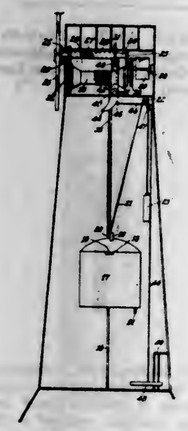


1. The combination with a frame, of wear members mounted therein, a driving box slidably mounted in said members and means insertable between said box and members for shifting said box transversely to said frame.

1,576,596. TOY WINDMILL ELEVATOR. FRANK GOFF, New York, N. Y. Filed July 2, 1925. Serial No. 40,991. 3 Claims. (Cl. 46—37.)

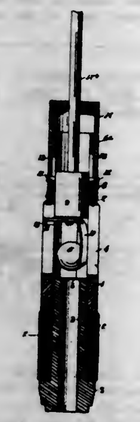
1. A device of the class described comprising a tower, a vertically movable car in said tower, a propeller, a shaft supporting said propeller, a winding drum, a cable connecting said drum and car, the propeller shaft being adapted to rotate said drum to lift said car, a shaft supporting said drum, a sleeve on said shaft, the propeller shaft and drum shaft having inter-meshing gears thereon, the gear on the propeller shaft being integral with the sleeve slidably mounted on the propeller shaft,

a trip lever pivoted on said tower, the trip lever having bifurcated arms, a disk mounted between the bifurcated arms of the lever on the sleeve, and means on said



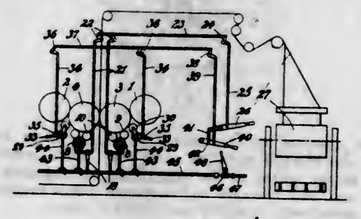
car cooperating with the lever for rotating the latter to disengage the gear on the sleeve from the gear on the drum shaft when the car reaches its uppermost position.

1,576,597. COMBINATION TUBING DRAINER AND PULLER. GEORGE WILSON GOSS, Wichita Falls, Tex. Filed Aug. 8, 1925. Serial No. 48,969. 8 Claims. (Cl. 103—221.)



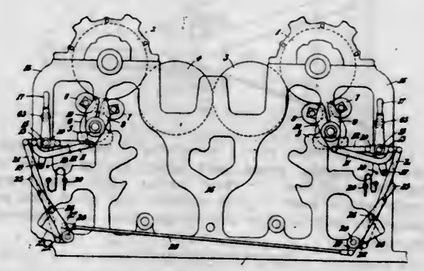
1. In a standing valve, having a ball valve therein, including in combination with the traveling valve; a slotted collar mounted beneath said traveling valve; a plunger reciprocable within said standing valve; a tongue depending from said plunger; means on said standing valve to receive said slotted collar upon downward movement of said traveling valve to effect contact of said tongue with said ball valve; means to effect limited upward movement of said plunger and tongue to unseat the said valve, and means to lock said plunger in said latter position.

1,576,598. MEANS FOR CLEANING THE OFFSET OR IMPRESSION SURFACES OF ROTARY OFFSET PRINTING MACHINES. BENJAMIN JOSEPH JOHN GOULDING, Altrincham, England, assignor to Linotype and Machinery Limited, London, England, a British Company. Filed July 11, 1924. Serial No. 725,323. 6 Claims. (Cl. 101—425.)



2. In a rotary offset printing machine, the combination with a blanket cylinder, of blanket-cleaning apparatus comprising a cleaning fluid trough, a power-operated roller adapted to receive fluid from said trough and means adapted to bring the roller into and out of contact with the blanket, and blanket-drying apparatus comprising a sulphur trough and a power-operated roller adapted to transfer sulphur therefrom to the blanket.

1,576,599. MEANS FOR WASHING LITHOGRAPHIC PRINTING SURFACES. BENJAMIN JOSEPH JOHN GOULDING, Altrincham, England, assignor to Linotype and Machinery Limited, London, England, a British Company. Filed July 11, 1924. Serial No. 725,324. 11 Claims. (Cl. 101—425.)

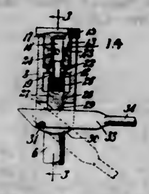


1. In a lithographing printing press, the combination with a plurality of plate cylinders of plate washing mechanism appropriate to each plate cylinder comprising a fluid trough and a plate washing device adapted to receive fluid from the trough, and means operative to bring the washing devices into and out of operation either individually or a plurality of thereof collectively.

1,576,600. INLET-VALVE MECHANISM FOR FLUSH TANKS. PHILIP HAAS, Dayton, Ohio. Filed June 9, 1925. Serial No. 35,872. 3 Claims. (Cl. 137—104.)

1. Inlet valve mechanism for flush tanks, comprising a valve casing provided with an interior partition having an aperture therein, said casing having apertures in its upper and lower portions co-axial with said partition aperture, a plug fitting in the upper aperture in the casing and closing the same and having a sealing engagement with said partition, said plug having an

interior bore and lateral openings communicating with the bore and with the interior of the valve casing, a collar detachably secured to said plug extending through the aperture in said partition, and provided at its lower end with a valve seat, a plunger valve engaging in the

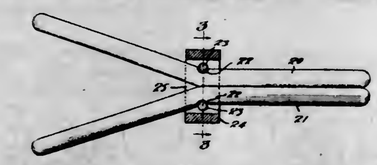


bottom aperture of the casing, having a recess at its upper end co-axial with the valve seat and a removable valve proper seated in the said recess for engaging said valve seat and movable float actuated means having portions operatively engaging said plunger valve.

1,576,601. PROCESS OF MAKING CARBON AND OTHER COATED PAPERS. ALFRED HAIGH, Staffordshire, England. Filed Sept. 7, 1922. Serial No. 586,772. 3 Claims. (Cl. 91—68.)

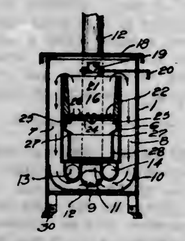
2. A process including moistening and superposing webs of paper; pressing said webs together for causing said webs to cohere in a manner to permit ready separation of the webs; and while the webs are still cohered coating the exposed face of one of the webs with carbon for forming copying paper.

1,576,602. EXERCISING DEVICE. PHILIP L. HAIMS, Cleveland, Ohio. Filed Feb. 24, 1925. Serial No. 11,218. 4 Claims. (Cl. 272—68.)



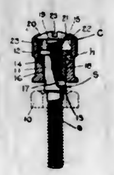
1. An exercising device comprising a pair of complementary angular levers, said levers having a pair of transverse notches at their medial point upon relatively remote sides, a body member, and pivot pins arranged in said notches and having their ends mounted on said body.

1,576,603. HEATING STOVE. HENRY C. HAMILTON and GEORGE W. BAILEY, Spokane, Wash. Filed May 1, 1925. Serial No. 27,190. 2 Claims. (Cl. 126—6.)



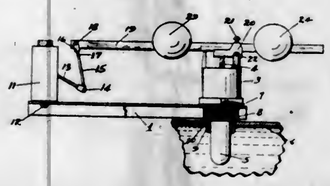
1. The combination in a heating stove having an interior elevated casing to form a base flue and spaced from the side walls of the stove to form downdraft flues communicating with the base flue, of a pair of open end, spaced hot air tubes beneath the casing forming a smoke flue in the upper portion of the base flue, a smoke or stove pipe communicating with the smoke flue, and a fire pot in the casing.

1,576,604. BINDING POST. CHARLES HARDY, New York, N. Y., assignor to Amsco Products, Inc., New York, N. Y., a Corporation of New York. Filed June 17, 1925. Serial No. 37,652. 5 Claims. (Cl. 173—259.)



1. An electrical binding post comprising a stem having a threaded shank adapted to receive a clamping member and having a flanged head provided with a smooth cylindrical exterior wall of a diameter greater than that of the shank, whereby a stop shoulder for the clamping member is provided, the said stem head being also provided with an axial tapped bore open at the top and with a transverse conductor receiving orifice located adjacent said stop shoulder and communicating with the tapped bore, and a clamping cap movable on the stem head to and from the clamping member, said cap being provided with a smooth cylindrical interior wall slidably mating with the smooth cylindrical exterior wall of the stem head and cooperating with said flanged head to prevent cap withdrawal, the cap being also provided with a centrally arranged separate depending screw member fixed to the cap and threadedly mating with the tapped bore of the stem.

1,576,605. REGULATOR. JESSE B. HARRIS, Minneapolis, Minn. Filed Feb. 18, 1925. Serial No. 10,031. 3 Claims. (Cl. 236—99.)



1. In a regulator, the combination with a base of a thermostatically operated element mounted on said base and including a movable pin, a lever mounted on said element and in hinged relation thereto, an adjustable weight element on said lever, an electrical switch mechanism mounted on said base and link mechanism interposed between said switch mechanism and said lever, whereby the movement of said pin will actuate said switch.

1,576,606. RECIPROCATING PUMP. CHARLES O. HASKELL, San Francisco, Calif. Filed Aug. 5, 1922. Serial No. 579,877. 3 Claims. (Cl. 103—224.)

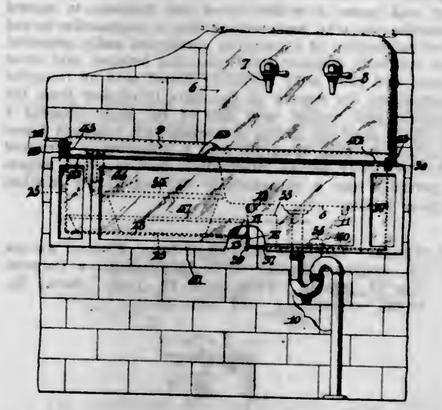
1. In a pump, the combination of the pump cylinder, a secondary cylinder inside the same, a hollow pump

plunger movable within the second cylinder and within the outer cylinder, the secondary cylinder and pump



plunger forming two air chambers for balancing the operation of the pump plunger and valves to allow the discharge of the fluid through the hollow pump plunger.

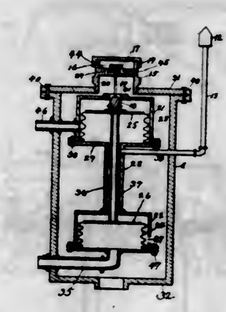
1,576,607. DOMESTIC SINK CABINET. WILLIAM S. HASSKARL, Philadelphia, Pa. Filed Nov. 21, 1925. Serial No. 70,503. 9 Claims. (Cl. 4—189.)



1. The combination with a domestic sink and draining slab of removable suspended rods adapted to sustain shelving which affords underlying storage for sink accessories.

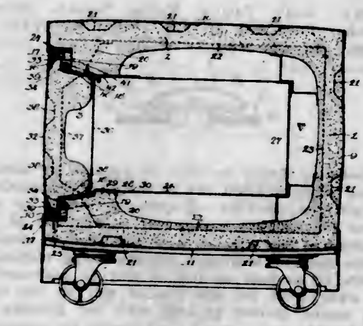
1,576,608. STEAM HEATING SYSTEM. OTTO HELPHINGSTINE, Los Angeles, Calif. Filed June 28, 1924. Serial No. 721,629. 22 Claims. (Cl. 137—101.)

21. In a steam trap, in combination, a receiver, one or more chambers mounted in said receiver, one or more pistons adapted to be reciprocated in said chamber or chambers, means for subjecting one of said pistons to live steam pressure, and means for neutralizing the



effect of said live steam pressure, thereby permitting the water of condensation in said receiver to flow therefrom by its own weight.

1,576,609. FIRE-RESISTING SAFE. DAVID E. HUNTER, Muskegon, Mich., assignor to Shaw Walker Company, Muskegon, Mich., a Corporation of Michigan. Filed Dec. 31, 1923. Serial No. 683,758. 13 Claims. (Cl. 109—2.)

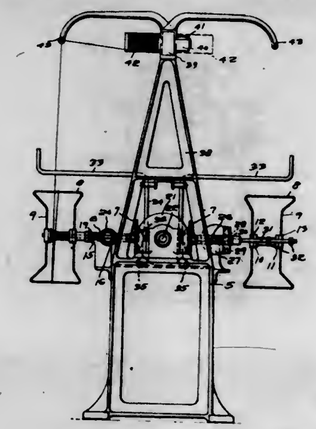


1. A fire resisting safe comprising a box-like body having metal side walls with rectangular marginal edges meeting at substantially right angles to each other, the central portions of said walls being convex with respect to said body, and insulating means in supporting engagement with the interior surfaces of said walls.

1,576,610. SKEINING MACHINE. CHARLES C. JESSEN, Wilmington, Del., assignor to Atlas Powder Company, Wilmington, Del., a Corporation of Delaware. Filed Feb. 5, 1925. Serial No. 7,070. 3 Claims. (Cl. 242—49.)

1. A machine of the character described, comprising a longitudinally extending main drive shaft, a plurality of swift carrying shafts extending in opposite directions therefrom, friction discs upon the inner ends of said swift carrying shafts, friction discs upon the main drive shaft, with which the first named friction discs engage, spring means upon the swift carrying shafts, tending to move the said shafts to bring their discs into engagement with the discs of the main drive shaft, pivoted manually operable levers which extend across the faces of the discs of the swift carrying shafts, and brake elements

carried by said levers and bearing upon the friction discs of the swift carrying shafts and handle extensions upon said levers projecting outwardly toward the swifts,



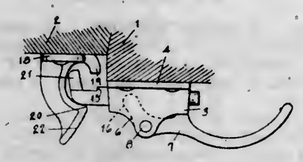
movement of said levers shifting said discs out of engagement with the discs of the main drive shaft and applying a brake thereto.

1,576,611. CAP. SAMUEL KANER, Toronto, Ontario, Canada. Filed Aug. 3, 1925. Serial No. 47,837. 1 Claim. (Cl. 24—206.)



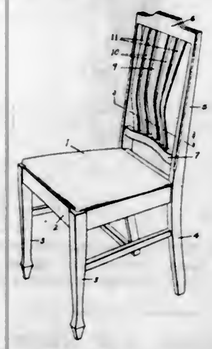
A fastening device for caps or apparel for securing opposing edges of a slit one to the other, comprising a rigid plate, a plurality of apertures therein, a snap fastener for selective engagement in any one of said apertures and for attachment to one edge of aforesaid slit, the head of said snap fastener being inclined to one side of its base so that it may be positioned to slant away from the direction of pull on the same, spring means carried by said plate for gripping the neck of said snap fastener, and means for connecting the rigid plate to the other edge of the slit.

1,576,612. LATCH. ISAAC S. KEELER, Grand Rapids, Mich., assignor to Keeler Brass Company, Grand Rapids, Mich. Filed Nov. 17, 1924. Serial No. 750,372. 5 Claims. (Cl. 292—173.)



1. In a latch, the combination of a housing having an opening in the top thereof, the end walls of the housing being provided with opposed bolt openings, a bolt reciprocatingly mounted on said bolt openings and having an inwardly projecting finger at its front end and a shoulder like catch on its inner side engageable with the front end of the housing when the bolt is retracted, said bolt having a slot therein alined with said opening in said housing, a spring for projecting said bolt arranged within said housing, a retracting lever pivotally mounted on said housing and having an arm projecting through said opening in said housing into engagement with said slot in said bolt, the rear wall of the slot being rearwardly inclined so that when the bolt is retracted its front end swings inwardly to engage its said catch, and a strike having a projection disposed in a plane in front of its keeper and with which said finger on said bolt engages on the closing of the door to disengage the bolt catch.

1,576,613. CHAIR. JOHN H. KELLOGG, Battle Creek, Mich., assignor to Sanitarium and Hospital Equipment Company, Battle Creek, Mich. Filed July 21, 1924. Serial No. 727,282. 3 Claims. (Cl. 155—178.)



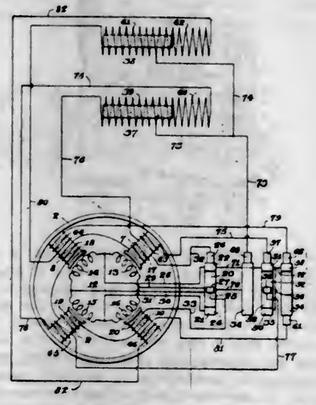
1. In a chair, the combination with a rearwardly inclined seat, of a back comprising rearwardly inclined posts, a straight top cross bar connecting the upper ends of said posts, a bottom cross bar disposed in spaced relation to said seat and having a rearwardly bowed central portion of substantial curvature, and a plurality of vertically disposed slats extending between said cross bars, said slats being forwardly bowed with an irregular curvature, the bowing of the slats increasing from the central slat toward each side of the back, whereby a back is provided having a horizontally concaved lower portion merging upwardly into a horizontally concaved and vertically convex intermediate portion which merges upwardly into a substantially flat rearwardly inclined upper portion.

1,576,614. LOCKER HINGE. JOHN KNELL, Aurora, Ill., assignor to All-Steel-Equip Company, a Corporation of Illinois. Filed June 17, 1925. Serial No. 37,669. 10 Claims. (Cl. 189—46.)



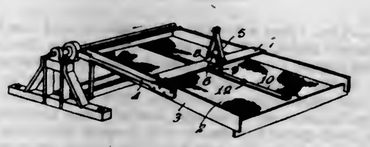
1. In combination, a locker having an opening in one wall thereof, a reinforcing angle bar along one side of said opening, a closure for said opening comprising a sheet metal plate having one edge bent to form a flange, the apex of the angle formed by said angle bar having a portion cut away to form a slot, and portions adjacent said slot pressed out to form sockets, a strap having a pintle for engaging said sockets, means for attaching said strap to said angle bar, and means for holding said pintle in said sockets.

1,576,615. ELECTRIC-CURRENT-SUPPLYING DEVICE. LOUIS PAULERO, Petersburg, Va., assignor to Industro-Electric Tools, Inc., a Corporation of Virginia. Filed July 27, 1922. Serial No. 578,016. 4 Claims. (Cl. 172—240.)



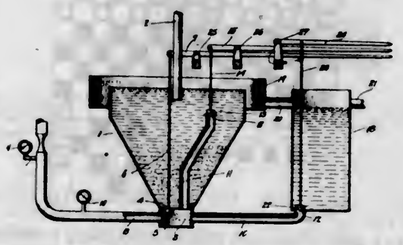
1. The combination of two electrical translating devices, a generator having a plurality of pairs of pole pieces, a plurality of pairs of series windings supplementing the main field windings of the generator, means forming electric circuits including certain of said series windings therein and a commutator for supplying impulses from the generator to one of said devices, and means forming electric circuits including certain of said series windings therein and a commutator for supplying electrical impulses from the generator to the other of said devices, one of said means supplying a greater number of impulses to its series windings and its translating device per revolution of the generator armature than the other.

1,576,616. SCREEN CLEANER. LEE COLLIN PHARO, Thetford Mines, Quebec, Canada, assignor to Asbestos Corporation of Canada, Limited, Montreal, Canada, a Corporation. Filed Sept. 19, 1925. Serial No. 57,379. 2 Claims. (Cl. 209—382.)



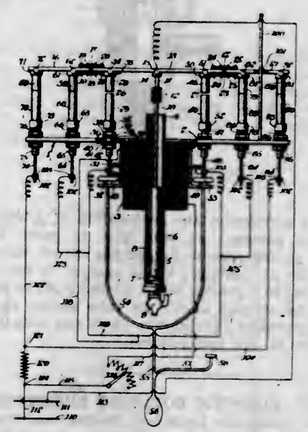
1. The combination with an oscillatory screen having means for oscillating same in a longitudinal direction, of a cross-piece carried by the screen frame transversely thereof and spaced from the upper surface of the screen-cloth, said cross-piece having vertical guiding apertures therethrough and carrying a bracket-piece apertured in line with the apertures in the cross-piece and acting as a support for a rocking striker; a steel strip extending longitudinally of and secured to the upper surface of the screen-cloth; a pair of bumper pins secured at their lower ends to said steel strip and projecting upwardly through the guiding apertures in the cross-piece and bracket piece; a rocking striker formed of a flat metal strip bent into triangular form and pivoted centrally of its base to said bracket-piece and in such relation to the bumper pins that upon oscillation of the screen the striker will be rocked and each pin alternately struck thereby.

1,576,617. SAND DEWATERING AND MIXING DEVICE. JOHN PRINCE, Kansas City, Mo. Filed May 1, 1925. Serial No. 27,166. 9 Claims. (Cl. 302—15.)



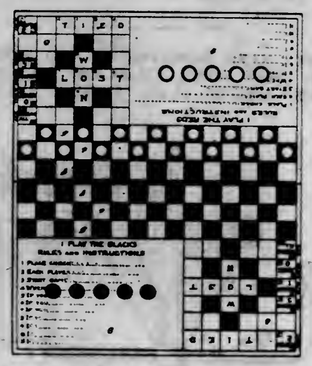
1. A sand dewatering and mixing apparatus comprising a hopper, a mixing chamber below and communicating with the hopper, a stand pipe opening to the mixing chamber and to an upper portion of the hopper, valves controlling flow from the hopper to the mixing chamber and to said stand pipe, and a discharge pipe, leading from the mixing chamber.

1,576,618. ARC FLASH LIGHT. LYLE S. RENNICK, Los Angeles, Calif. Filed June 26, 1922. Serial No. 570,882. 5 Claims. (Cl. 176—41.)



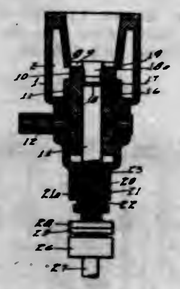
1. In an arc flash light, a light circuit including a pair of arcing electrodes normally in contact, a switch comprising a par of electrodes normally a slight distance apart, means for moving one of the electrodes of said switch into contact with the other switch electrode to close the light circuit, and means for quickly moving apart said switch electrodes and said arcing electrodes to cause an arc flash light between said switch electrodes and an arc flash light between said arcing electrodes.

1,576,619. CROSS-WORD-PUZZLE GAME. MARK REUBIN, Brooklyn, N. Y. Filed Apr. 15, 1925. Serial No. 23,384. 5 Claims. (Cl. 273—131.)



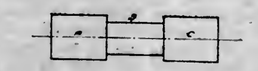
1. A game of the class described comprising a checker-board playing surface and a checker-board recording surface having a plurality of designated blocks and a set of playing objects, said playing objects having designations on one face thereof corresponding to the designated blocks of the recording surface.

1,576,620. CARBURETOR. GEORGE E. RIBLET, Erie, Pa. Filed Apr. 13, 1922. Serial No. 552,080. 2 Claims. (Cl. 261—49.)



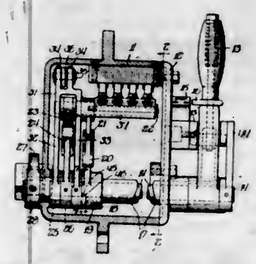
1. In a carburetor, the combination of a body having a suction passage; an air valve in axial alinement with the passage; means for moving the air valve axially to vary the air opening; a fuel passage in the air valve terminating in a nozzle; and a metering pin in the nozzle varying the opening as the air valve moves, said metering pin extending through the valve and forming a fuel connection to the fuel passage.

1,576,621. ELECTRIC ROTATING RESISTANCE FURNACE. FRIDTJOF ANDERSEN, Trollhattan, Sweden, assignor to Trollhättans Elektrothermiska Aktiebolag, Stockholm, Sweden. Filed Mar. 22, 1923. Serial No. 626,975. 2 Claims. (Cl. 204—64.)



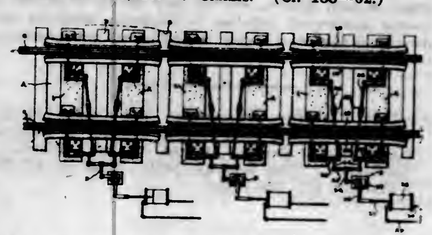
1. A resistor for electric furnaces, in which the specific electric resistance of the material, constituting the current-supplying parts of the resistor, is lower than that of the material constituting the intermediate part of the resistor in the proportion of at least 1 : 2.

1,576,622. CONTROL MECHANISM. FRITZ BALZER, Moline, Ill., assignor to Troy Laundry Machinery Co., Ltd., Chicago, Ill., a Corporation of New York. Filed Sept. 10, 1924. Serial No. 736,817. 12 Claims. (Cl. 192—148.)



2. In a washing machine, in combination, a shell including a door, a rotary cylinder having a plurality of circumferentially disposed doors each adapted to register with said shell door, brake control means for said cylinder, electric switch means, operating means for said brake control means and said switch means, automatic mechanism for moving said operating means, said automatic mechanism comprising a movable member responsive to the motion of said cylinder, means for interrupting the operative connection between said motion responsive means and said operating means, propelling means for said cylinder, electrical controlling circuits for said propelling means, said electrical controlling means including a circuit closer responsive to the position of said shell door, and means for shunting said circuit closer whereby said propelling means may operate independently of said shell door.

1,576,623. TRACK BRAKE FOR RAILWAY. MARSHALL E. BARR, Franklin Park, Ill. Filed Sept. 27, 1924. Serial No. 740,327. 7 Claims. (Cl. 188—62.)

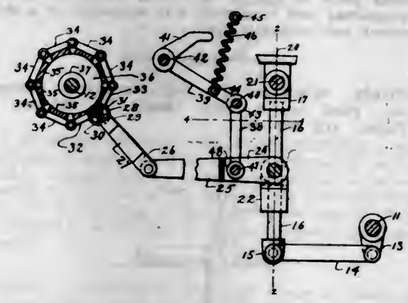


2. A car brake structure comprising spaced ties having pockets opening into the space between the ties, saddle plates spaced longitudinally of the ties, rail seats between the saddle plates, wheel grippers upon opposite sides of said rail seats and having depending rocker arms pivotally mounted upon said saddle plates and extending into said pockets, links in said pockets extending longitudinally of the tie and pivotally connected with said rocker arms, and actuating means including draw bars extending longitudinally between the ties and having lever bars pivotally connected therewith and extending into said pockets and pivotally connected with said links, each lever bar having one link pivotally connected with its inner end and the other link pivotally mounted intermediate its length.

1,576,624. MECHANISM FOR POWER TRANSMISSION AND SPEED VARIATION IN AUTOMOBILES. ISRAEL BENJAMINS, Brooklyn, N. Y. Filed July 11, 1922. Serial No. 574,194. 5 Claims. (Cl. 74—53.)

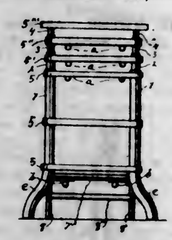
1. In a means for power transmission and speed variation a friction wheel and a flexible member encircling

the same, an oscillating member, pivotally connected to said flexible member at one end thereof, to swing in the plane of said wheel, and a corresponding member at the other end of said flexible member, said oscillating member having a curved periphery, the curvature of which is deviating from the center of the pivot of said oscillating member, and said corresponding member being so disposed as to be in engagement with the part of



said periphery, which is transpivotal with relation to said corresponding member, when said oscillating member is turned in one direction and out of engagement therewith when said oscillating member is turned in the opposite direction, thereby alternately tightening said flexible member on to said wheel and loosening the same thereon, combined with means for turning said oscillating member alternately in opposite directions, thereby turning said wheel.

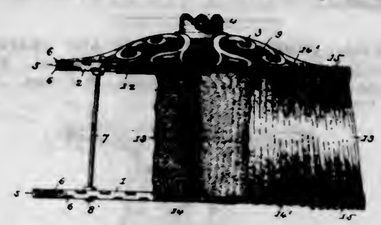
1,576,625. STEPLADDER. ARTHUR WALDRON BLODGETT, Grand Rapids, Mich. Filed Jan. 14, 1925. Serial No. 2,267. 2 Claims. (Cl. 228—39.)



1. In step ladder construction, side rails each made of several sections of round tubing having solid walls and telescoped together in pairs, steps made of sheet metal with downwardly folded edges and having tubular bearings at the ends adapted to be welded around the side rail sections, each side rail section having a hole through it on one side immediately below the end of the step, and each upper pair of side rail sections having corresponding holes near its lower ends, spring actuated latches mounted upon the lower side of each top step on each section of the ladder in position to be made to pass into the holes in the rail sections and hold each section of the ladder in desired positions so the ladder cannot be shortened or extended when the sections are locked in place.

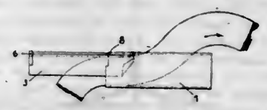
1,576,626. LAMP SHADE. LESLIE H. BURLIN, Chicago, Ill., assignor to Burlin Co., a Firm composed of Leslie H. Burlin and Walter H. Sedgwick, Chicago, Ill. Filed June 19, 1924. Serial No. 720,991. 7 Claims. (Cl. 240—108.)

4. In a lamp shade of the type described, the combination of upper and lower frame rings arranged in spaced relation and formed with holding grooves in their outer surfaces, a shade member formed by a plurality of layers of fabric, individual windings of thread



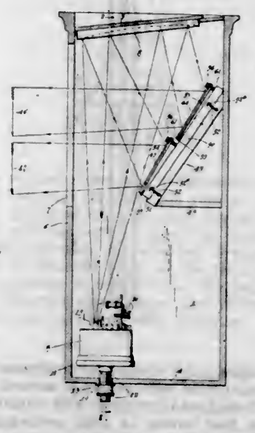
for securing opposite margins of said layers in the aforesaid holding grooves, and means for spreading said rings apart to tension said lays of fabric.

1,576,627. REMOVABLE TAG FOR LACES. RENÉ LOUIS CHASSELON, Paris, France. Filed Apr. 5, 1923. Serial No. 630,163. 4 Claims. (Cl. 24—143.)



1. A removable tag for laces, cards, ribbons and the like including a pair of members both of which are open longitudinally throughout the lengths thereof, the opening in one of the members being adapted to receive a portion of the lace, means on one of the members for impinging the lace, and the members being arranged in longitudinal sliding and partial telescopic engagement with each other so as to be closed together and effect a binding of the impinging means on the lace.

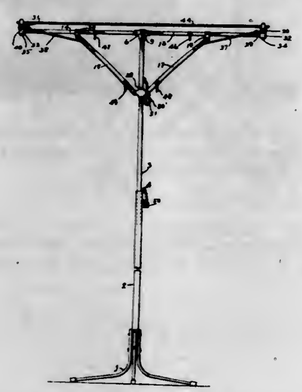
1,576,628. TELEGRAM-EXHIBITING MACHINE. NATHANIEL B. CREGIER, Chicago, Ill., assignor to Rothschild-Cregier Liquid Lens, Inc., Chicago, Ill., a Corporation of Illinois. Filed Jan. 7, 1922, Serial No. 527,553. Renewed Sept. 4, 1925. 8 Claims. (Cl. 178—1.)



1. A telegraph register receiving apparatus comprising in combination, a tape, electrically operated mechanism for printing and feeding said tape, a magnifying mirror located in the region of said mechanism, a reflector op-

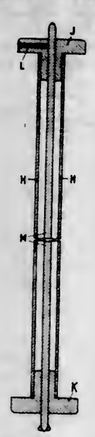
eratively positioned relative to said mirror and means for conducting said tape across the field of the magnifying mirror concurrently with the feeding thereof by said mechanism.

1,576,629. COMBINED HALL TREE AND DRAPERY RACK. OTIS C. CULP, Elkhart County, Ind. Filed June 27, 1925. Serial No. 40,064. 8 Claims. (Cl. 211—24.)



1. In a rack or stand, a standard, a pair of bars hinged thereto in opposed relation, means connected with the standard for raising and lowering said bars simultaneously, a movable element mounted upon each of said bars, and means for actuating said movable elements simultaneously and when said bars are raised or lowered.

1,576,630. MUSIC ROLL FOR PLAYER PIANOS. ERNEST RUIZ DE ARANA, Madrid, Spain. Filed June 14, 1923. Serial No. 645,255. 1 Claim. (Cl. 242—69.)

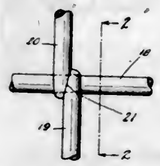


An adjustable roller support for perforated note sheets, comprising a tubular member, heads secured in the opposite ends thereof and provided with radially extending flanges, each head having an axial opening therethrough, a journal support disposed in the openings of the heads, and means passing radially through the flange of one head and engaging the support to secure the same against relative movement.

1,576,631. PROCESS FOR THE CONSERVATION OF THE PELLICLES OF HYDRATE OR OF HYDRATED ETHERS OF CELLULOSE. JEAN DEFAUCAMBERGE, Paris, France, assignor to Societe Francaise des Crins Artificiels, Paris, France, a French Corporation. Filed Jan. 12, 1924. Serial No. 685,933. 3 Claims. (Cl. 23—250.)

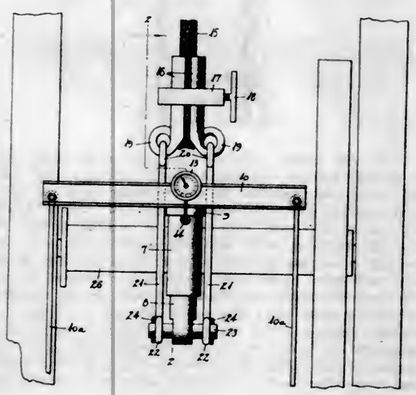
1. The method of preserving hydrated cellulose compounds liable to change on drying, which consists in impregnating said compounds with a solution of a deliquescent and antiseptic agent.

1,576,632. WIRE JOINT. GUY DINCOGNITO, Chicago, Ill. Filed Jan. 6, 1923. Serial No. 610,981. 1 Claim. (Cl. 287—51.)



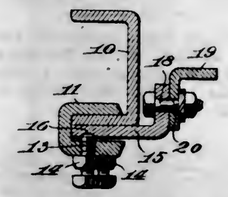
A joint of the character described comprising a supporting member, a second member having its end reduced and tapering to its extremity and clasped about said supporting member, said reduced portion having its side edge bevelled, and another member having its end reduced and tapering to its extremity and clasped about said supporting member, said last member having its side edge oppositely bevelled and abutting against a bevelled edge of said second member.

1,576,633. STRAIN METER. ARTHUR DIX, Taft, Calif. Filed June 6, 1925. Serial No. 35,402. 3 Claims. (Cl. 265—68.)



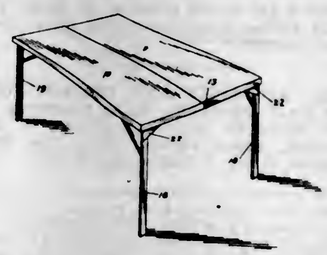
1. A strain meter comprising strain indicating means including a cylinder and a plunger working in the cylinder and projecting downwardly therefrom, means for connecting said cylinder with the frame or base of a drilling rig, a clamp above the cylinder for engaging the drilling cable of the rig, and means connecting said clamp and plunger.

1,576,634. CLAMP FOR BUMPER-SUPPORTING BRACKETS. WILLIAM W. DONEGAN, Los Angeles, Calif. Filed Mar. 16, 1925. Serial No. 15,943. 4 Claims. (Cl. 293—55.)



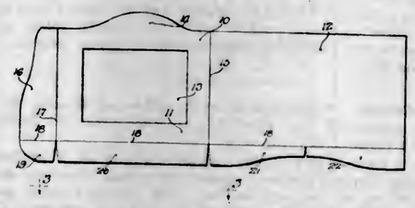
1. A bumper supporting arm clamp comprising a substantially U-shaped member that is adapted to be applied to a fixed part of a motor vehicle frame, set screws passing through one of the legs of said U-shaped member, and an L-shaped member, one of the legs of which is adapted to be engaged by the set screws in the other member.

1,576,635. FOLDING TABLE. WALLACE R. DOUGLAS, Crete, Nebr. Filed Oct. 2, 1924. Serial No. 741,175. 1 Claim. (Cl. 45—116.)



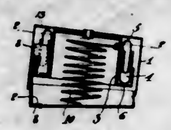
A table leg and means for securing said leg to the table top on the under side thereof, said means including a plate which is adapted to be secured to the table top at the under side thereof, spaced ears on said plate, a triangular brace rigidly secured to said leg adjacent its upper extremity, said triangular brace and leg being pivotally connected with the ears of the said plate, said leg being thus foldable into parallelism with the table top, a support which is adapted to be secured to the table top in the path of the leg, and a foldable brace pivotally connected with said leg and with said support, said foldable brace being adapted to hold said leg in perpendicular relation to the table top.

1,576,636. ADVERTISING DEVICE. SIDNEY B. EGAN, Oak Park, Ill. Filed Nov. 21, 1924. Serial No. 751,275. 4 Claims. (Cl. 40—149.)



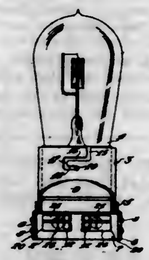
1. An advertising device possessing physical resemblance to a stage comprising a blank for providing the front of said device and having extensions, one of said extensions being bent in a regular arc and being adapted to form the back of said device, said front and back having upturned extensions adapted to form pockets to receive replaceable advertising matter whereby to change the character of advertising displayed in said device.

1,576,637. BOX ADAPTED PARTICULARLY FOR CLIPS. ERNST CONNY EGELIN, Stockholm, Sweden, assignor to Aktiebolaget Autopins, Stockholm, Sweden, a Corporation. Filed Apr. 20, 1925. Serial No. 24,644. 9 Claims. (Cl. 211—8.)



1. A box adapted particularly for clips, gramophone needles or similar objects having the same or about the same thickness, and for holding and projecting said objects singly into a position, which adapts them to be conveniently seized, said box comprising in combination two relatively movable parts, means for forcing said parts apart, a holder for the objects within the box, said holder comprising a channel formed in one of said parts of the box and fitting to the shape of the objects, a seizing member upon which the objects may be caused to strike, a feeding device for moving the objects into contact with said seizing device, and an abutment intermittently arresting the objects in a position in front of said seizing member, so that upon forcing the aforesaid movable parts of the box together the objects are singly forced out of the holder proper by means of said seizing member and thus made easily accessible.

1,576,638. ELECTRICAL SOCKET. JOHN S. ELLIOTT, Providence, R. I., assignor to Coto-Coil Company, Boston, Mass., a Corporation of Massachusetts. Filed Oct. 28, 1922. Serial No. 597,500. 8 Claims. (Cl. 173—328.)

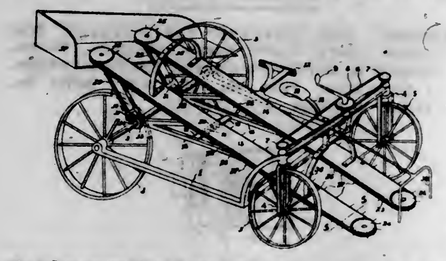


1. In an electrical socket, the combination with means for receiving the base of a vacuum tube or the like on which are a plurality of projecting terminals, of contact-members provided with cooperating spring-arms arranged in offset relation and adapted to engage at different points on opposite sides of the terminals on the tube, when the latter is inserted into the socket and rotated in one direction and then carried farther into the socket and rotated in the opposite direction.

1,576,639. APPARATUS FOR LOADING SHOCKS. SAMUEL COUNTESS ENGLISH, Orillia, Ontario, Canada. Filed Aug. 22, 1924. Serial No. 733,561. 2 Claims. (Cl. 56—354.)

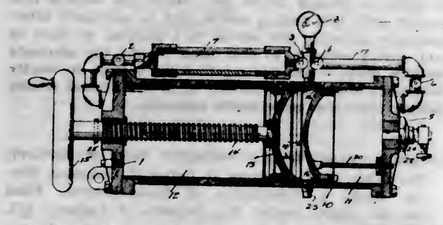
1. In an apparatus for loading shocks, a wheeled frame, a pair of parallel sections constituting an articulate frame, means for securing one of said sections to the main frame, means for adjustably securing the other sec-

tion to said main frame, a pair of rigid straps arranged to overlap each other, one of said straps extending from each section of the articulate frame, a bolt engaged in one of a series of apertures provided in each of said



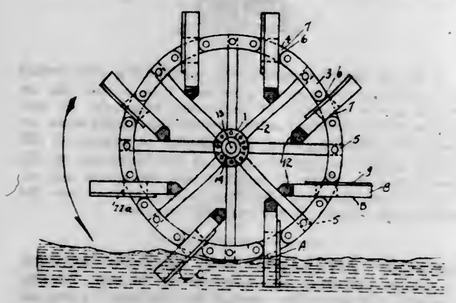
straps to unite them together, a pair of inclined endless conveyors, one mounted upon each of the aforesaid sections and having its rear end supported thereby, and arcuate members suspending the frontal ends of said conveyors from the aforesaid main frame.

1,576,640. DISPENSING MACHINE. MANUEL M. ENOS, Oakland, Calif. Filed Apr. 14, 1925. Serial No. 23,005. 2 Claims. (Cl. 221—47.2.)



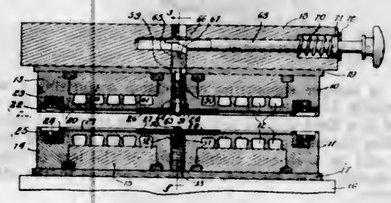
1. In a machine for dispensing grease, the combination of an air cylinder, a piston therein, means to advance and retract the piston, an auxiliary air chamber connected to opposite ends of the air cylinder, cocks in said connections, a grease cylinder, a floating piston therein, and connections provided with valves from the air cylinder to opposite ends of the grease cylinder, said grease cylinder having an outlet at one end.

1,576,641. MARINE PROPULSION PADDLE WHEEL. WILBER S. BEEKLEY, Glendale, Ohio. Filed Sept. 14, 1925. Serial No. 56,190. 8 Claims. (Cl. 170—143.)



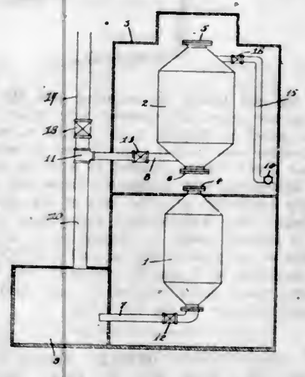
1. A feathering blade paddle wheel comprising a hub portion, spokes and a rim, the rim having interspaced grooves on the sides thereof, paddles pivotally retained in the rim, said paddles composed of arm portions with blades attached to the arms, the paddles having slots of equivalent width of the rim between the grooves, weights on the paddles at their inner ends, and the weighted ends adapted to abut the spokes thereby limiting the feathering of the paddles.

1,576,642. MOLDING DIE. JOSEPH W. BISHOP, Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Wilmington, Del., a Corporation of Delaware. Filed Apr. 20, 1923. Serial No. 633,642. 11 Claims. (Cl. 18—5.3.)



1. In a die for molding phonograph records or the like, an ejector pin slidably journaled in the die, yielding means for holding the ejector pin in an extended position relative to the die, a manually operable plunger journaled in the die for actuating the ejector pin, and a second yielding means for holding the plunger in a retracted position.

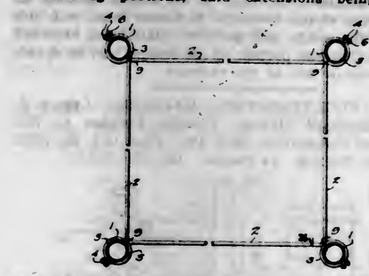
1,576,643. APPARATUS AND PROCESS FOR GAS AND HEAT RECOVERY FROM DIGESTER BLOW-OFF EXHAUST VAPORS. LEMUEL B. DECKER, Kenogami, Quebec, Canada. Filed June 22, 1925. Serial No. 38,891. 6 Claims. (Cl. 92—7.)



4. An apparatus for recovering gas and heat from digester blow-off vapor in the cooking of wood, comprising a digester having an exhaust and an inlet, a chip bin adapted to communicate with the digester inlet, and means for conducting vapor from the digester exhaust to said bin.

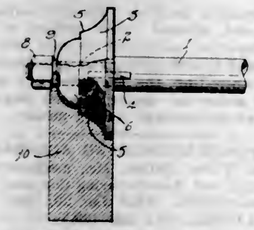
1,576,644. DERRICK BRACE. CHARLES DRAKE, Mannington, W. Va. Filed May 4, 1925. Serial No. 27,973. 3 Claims. (Cl. 189—19.)

1. In a device of the character described, a horizontally disposed member adapted to extend from one derrick leg to the adjacent one, said members being provided with portions adapted to partially surround the derrick legs, said members being provided with flattened portions inwardly of said surrounding portions and being further provided with openings in said flattened portions whereby two adjacent members may be secured to each other, and extensions arranged outwardly of said surrounding portions, said extensions being provided



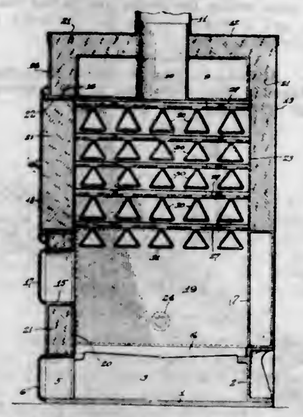
with openings for the reception of bolts whereby said surrounding portions may be clamped around the derrick leg.

1,576,645. DEVICE FOR SURFACING MOLDINGS OR THE LIKE. SIDNEY E. ESKEW and LEWIS HARRIS, Benton, Ill. Filed Jan. 11, 1924. Serial No. 685,674. 3 Claims. (Cl. 144—115.)



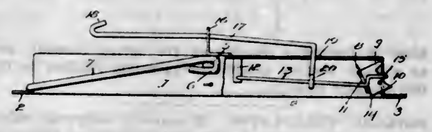
1. The combination with a rotatable mandrel of a supporting form removably carried thereby, said form having an irregular contour, a metal shell having its interior and exterior conforming to the contour of the form and arranged to be slipped over the latter and to engage the form frictionally, said shell being provided with an exterior abrading surface, and means common to said shell and said form for securing the shell and the form to the mandrel to prevent the relative rotation thereof.

1,576,646. HOT-WATER FURNACE. THOMAS FARMER, Birmingham, Mich. Filed Feb. 20, 1925. Serial No. 10,519. 2 Claims. (Cl. 122—218.)



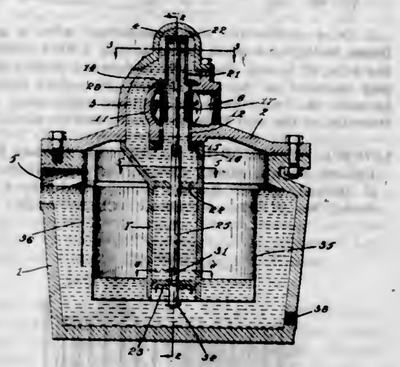
1. In a hot water furnace, a casing having a combustion chamber therein, a set of superposed headers in said casing adapted to have water circulated therethrough, tubes connecting the headers of one set to the headers of the other set, said tubes being triangular in cross section and disposed with upwardly presented apices to provide soot shedding walls, and baffle members on said tubes provided with openings at the apices of said tubes cooperating therewith in providing sinuous passages from the top of said combustion chamber to the upper portion of said casing.

1,576,647. RAT TRAP. SADAHMI FURUYA, Sacramento, Calif. Filed May 23, 1925. Serial No. 32,386. 2 Claims. (Cl. 43—83.)



1. An animal trap comprising a base having an apertured wall, a spring actuated yoke pivotally connected with the base and having its bight arranged to be positioned adjacent to said wall and the outer side thereof, a swingable release member connected with the base and having a projection adapted to be moved outwardly through the aperture in said wall and also having below said projection a cam arranged to be engaged by the bight of the yoke, a retaining rod for said release member, and an animal actuated trip connected with said rod.

1,576,648. STEAM TRAP. JOSEPH A. GAGNON, Three Rivers, Quebec, Canada. Filed June 18, 1923. Serial No. 646,211. 10 Claims. (Cl. 137—103.)

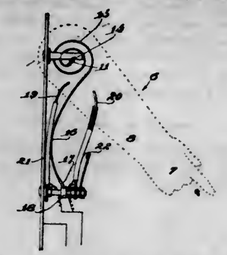


1. A steam trap comprising a casing having an inlet and an outlet tube, said tube having a passage therethrough, a by-pass communicating directly with both ends of the passage, means for preventing direct communication between said inlet and the by-pass, whereby said passage receives fluid in opposite directions when the trap is discharging, a valve member slidably disposed in said passage for controlling the tube, and a float device disposed in the casing and connected to the valve member.

1,576,649. MOTOR FOR ANIMATED ADVERTISING SIGNS. ELI E. GREGORY, Brooklyn, N. Y. Filed Feb. 26, 1925. Serial No. 11,900. 4 Claims. (Cl. 172—126.)

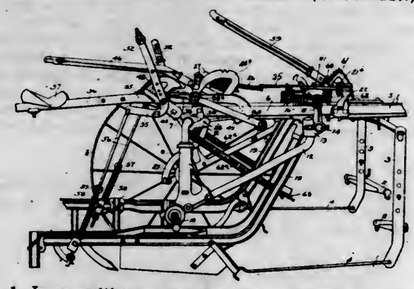
1. The combination, with a movable feature, of its actuating element, a compressed spring element in opera-

tive relation to the actuating element, a fulcrum on which a free end of the spring element rocks, a thermostatic ele-



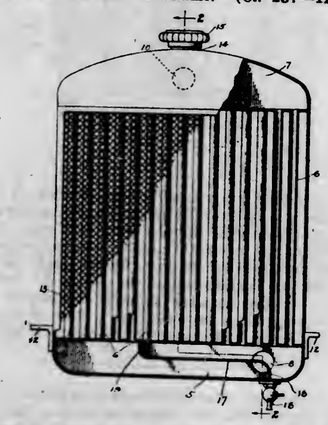
ment in operative relation to the spring element, and an electric heating element in operative relation to the thermostatic element.

1,576,650. CULTIVATOR. RICHARD H. GRIFFITH, Bellevue, Ohio, assignor to The Ohio Cultivator Company, Bellevue, Ohio, a Corporation of Ohio. Filed Oct. 27, 1923. Serial No. 671,265. 8 Claims. (Cl. 97—147.)



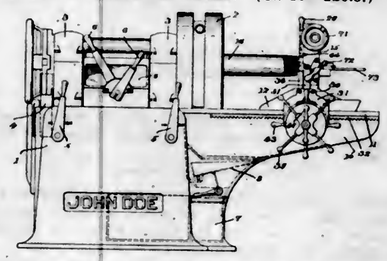
1. In a cultivator, the combination with a general frame including a draft frame having a fixed relation to the axle, of a seat frame whose forward portion is slidably mounted on the draft frame, and rollers interposed between the two frames to facilitate adjustment to the traveling of the seat frame backward and forward.

1,576,651. AUTOMOBILE RADIATOR. EDWARD HAGEN, Pelican Rapids, Minn., assignor of one-half to Alvin C. Meland, Pelican Rapids, Minn. Filed May 1, 1925. Serial No. 27,197. 4 Claims. (Cl. 257—125.)



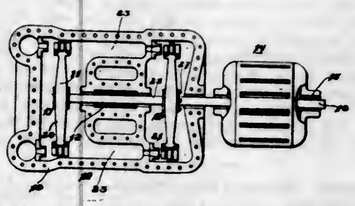
1. In an automobile radiator, the combination of a manifold having an outlet opening, a manifold having an inlet opening, a series of passageways connecting the two manifolds, and a partition plate extending across the outlet manifold in front of the outlet opening, so that a portion of the discharge is drawn from each side of the partition plate, said partition plate being extended laterally so that one portion of the stream will be drawn from the remote side of the radiator.

1,576,652. PIPE-THREADING MACHINE. LESLIE S. HALL, Brantford, Ontario, Canada, assignor to Williams Tool Corporation, Erie, Pa. Filed Oct. 23, 1923. Serial No. 670,236. 14 Claims. (Cl. 10—120.5.)



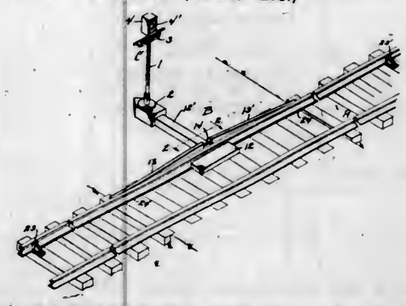
1. In a threading machine, a movable carriage thereon carrying a head, slidable chaser holders in said head, means for imparting movement to said head, rotatable means connected to and operated by said carriage moving means for controlling the movement of said chaser holders, and means for operating said rotatable means independent of the carriage moving means.

1,576,653. POWER-DEVELOPING APPARATUS. IVAN S. HANSON, Winter Harbor, Me., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 20, 1923. Serial No. 613,985. 6 Claims. (Cl. 253—39.)



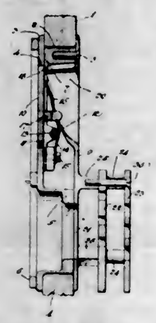
1. In an elastic-fluid turbine, the combination of a casing, a rotor within the casing and having blade-carrying disks and a single bearing for the rotor arranged between the disks.

1,576,654. SIGNAL. JOHN R. HILL, Knoxville, Tenn. Filed Apr. 15, 1925, Serial No. 23,359. Renewed Jan. 23, 1926. 5 Claims. (Cl. 246—293.)



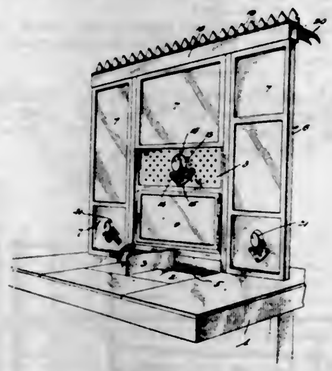
1. A signal of the class described comprising a signal member, a train operated tread member, means for normally holding the signal member in operative position and the tread member in raised position so that when the tread member is lowered by a train the signal will be moved to inoperative position, a latch member for holding the tread member in lowered position and a train operated trip member for moving the latch member to releasing position.

1,576,655. BANK FIXTURE. CHARLES A. HONSINGER, Detroit, Mich. Filed Apr. 24, 1925. Serial No. 25,568. 7 Claims. (Cl. 89—36.)



1. The combination with a partition having an opening, of plates clamped against said partition at the opening thereof, a speaking tube carried by one of said plates and extending into the partition opening, an outwardly opening trap door supported by the same plate, and baffle members carried by the other of said plates at said speaking tube.

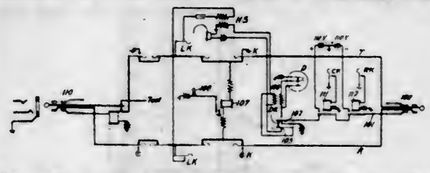
1,576,656. BANK FIXTURE. CHARLES A. HONSINGER, Detroit, Mich. Filed Nov. 10, 1924. Serial No. 749,092. 1 Claim. (Cl. 89—36.)



A bank fixture including a partition having a loophole, an outwardly opening closure for said loophole, a gun engaging means on the inner side wall of said closure adapted under gun pressure to cause said closure to start opening before the gun is within the loophole, and means holding said closure normally in a closed position.

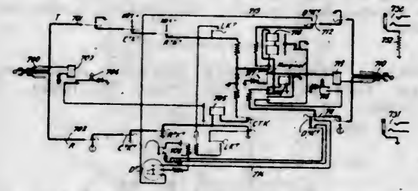
1,576,657. TELEPHONE-EXCHANGE SYSTEM. EMIL JACOBSEN, Port Washington, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Nov. 18, 1920. Serial No. 424,941. 2 Claims. (Cl. 179—6.3.)

1. In a telephone system, a toll line, a toll operator's position, a subscriber's line, means whereby the toll operator can control a talking circuit between said lines comprising a cord circuit at the toll operator's position, serially related automatic switches, and a trunk conductor separate from the talking circuit extending from



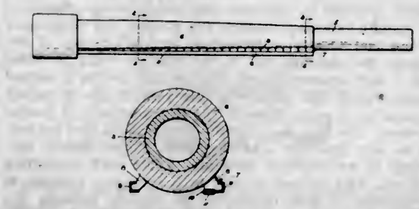
the cord circuit for controlling the setting of said switches, pay station mechanism at the subscriber's station, and means individual to the cord circuit for controlling said mechanism over said trunk conductor to collect or refund deposited coins.

1,576,658. TELEPHONE-EXCHANGE SYSTEM. EMIL JACOBSEN, Port Washington, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Original application filed Nov. 18, 1920, Serial No. 424,941. Divided and this application filed Jan. 23, 1923. Serial No. 614,418. 12 Claims. (Cl. 179—27.)



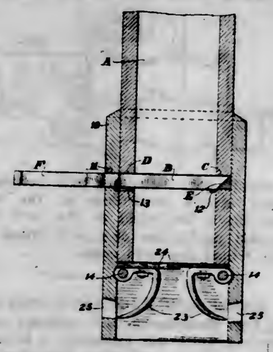
1. In a telephone exchange system, the combination with a telephone line, an operator's position, a head set thereat, means including automatic switches for extending said line to said position, means including automatic switches controlled by the operator for building up a connection from said position to said line, means controlled from said operator's position and individual to said line for transmitting a tone to the operator's telephone set over said first connection, a key mechanism at said operator's position, means controlled jointly by the operation of said key mechanism from said operator's position over said first connection and by the seizure of said line through said second connection for breaking down said first connection, and means individual to the line for transmitting a tone to the operator's head set operative over the first mentioned connection.

1,576,659. SLIDE FOR GUNS. BRYAN P. JOYCE, Davenport, Iowa, assignor to Thomas A. Conlon, Silver Spring, Md. Filed Dec. 3, 1924. Serial No. 753,602. 5 Claims. (Cl. 89—37.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



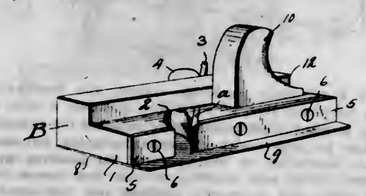
5. A gun barrel, flange members formed on and extending longitudinally thereof to constitute slides for the gun, said flange members provided with a plurality of spaced slots.

1,576,660. COMBINED BAG HOLDER AND CUT-OFF. PETER LASSEN, Roanoke, Tex., assignor of one-half to Erich G. Lassen, Roanoke, Tex. Filed Dec. 19, 1924. Serial No. 756,972. 5 Claims. (Cl. 83—26.)



1. In combination with a chute, pair of rock shafts journaled within the same, hooks carried by the rock shafts and movable outwardly through openings in the chute, a cut-off also carried by the rock shafts, and means for simultaneously operating the cut-off and moving the hooks.

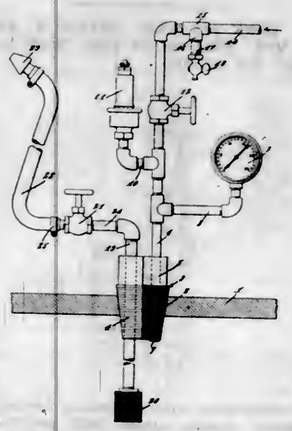
1,576,661. PLANE. AUGUST LAWRENCE, McKeesport, Pa. Filed Mar. 17, 1925. Serial No. 16,229. 2 Claims. (Cl. 164—83.)



1. A plane for trimming the edge of a strip of floor covering comprising a stock, a plate overlying a face of said stock and extending beyond a marginal portion of the stock, the extended portion of the plate being adapted to underlap the marginal portion of the strip to be trimmed, and a cutting bit held by the stock and projecting beyond the margin of the stock with which the extension of the plate is associated.

1,576,662. SPRAY DEVICE. DAVID G. LEONARD, Lexington, N. C., assignor to Ben F. Greene, Lexington, N. C. Filed Aug. 16, 1922. Serial No. 582,209. 1 Claim. (Cl. 299—95.)

In a device of the class described, a threaded plug-closure provided at its upper end with a wrench head, an air conduit extended through the closure and terminated at one end closely adjacent to the inner end of the closure, the opposite end of the conduit being provided with a first lateral branch, the conduit having a second lateral branch, the conduit having a third lateral branch disposed at a point between the first and second lateral branches, the first and second lateral branches projecting in one direction, and the third lateral branch projecting in an opposite direction, a pet cock projecting from the first lateral branch in a direction parallel to the conduit, a hand valve in the conduit between the first and third branches and extended laterally from the conduit beneath the petcock, a gage carried by the second lateral branch and disposed closely adjacent to the valve, a pop valve located parallel to the conduit and connected to the third branch, and a delivery conduit extended through the closure and located on the same side of the air conduit as the third branch, the delivery conduit comprising a lateral portion; said lateral portion and the second branch being spaced above the wrench head,

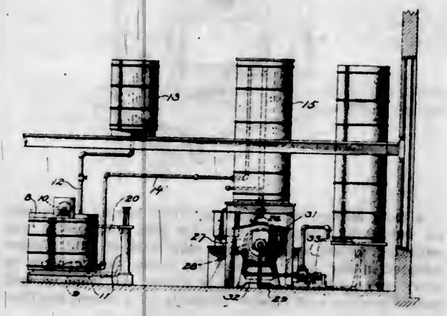


and all of the branches, the petcock, the valves and the delivery conduit being located in the same vertical plane, thereby leaving the space open and unencumbered on either side of said plane, to facilitate the application of a wrench to the wrench head of the closure.

1,576,663. STENCIL SHEET. GUY LEONARD, Baltimore, Md. Filed July 11, 1925. Serial No. 43,027. 7 Claims. (Cl. 41—38.6.)

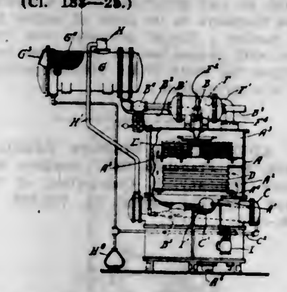
1. A stencil sheet of loose-fibered paper coated with a solution of shellac, triacetin and diethylphthalate.

1,576,664. MANUFACTURE OF BREAD COMPOUND. ERNEST E. LINDSEY and PATRICK J. SHORTT, San Francisco, Calif. Filed Feb. 11, 1925. Serial No. 8,391. 3 Claims. (Cl. 99—10.)



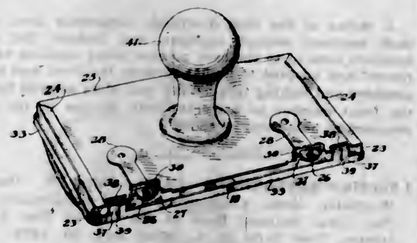
1. A method of producing a bread compound of the character indicated, which consists of first dissolving, mixing, and heating sugar, salt, and milk, adding a starch solution thereto, and continuing the mixing and heating until gelatinization takes place, and thereafter adding a liquid shortening and combining the same with the other ingredients.

1,576,665. APPARATUS FOR HEATING AND DEAERATING WATER. PERCY S. LYON and VICTOR A. ROHLIN, Philadelphia, Pa., assignors to Cochrane Corporation, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Apr. 14, 1925. Serial No. 23,087. 2 Claims. (Cl. 122—25.)



1. Water heating and deaerating apparatus comprising in combination a deaerating chamber having an upper water inlet from which the water heated passes through the upper portion of the chamber in divided form, a closed heater comprising steam-containing tubes in the lower portion of said chamber for boiling the water in contact therewith, and a closed water heater external to said chamber comprising a steam space traversed by tubes, means for passing the water treated to said chamber inlet through the last mentioned tubes, and a common source of steam supply for the steam space of the external heater and for the tubes of the first mentioned heater.

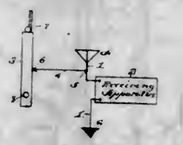
1,576,666. HAND DUPLICATOR. WILLIAM PORTER MASON, Norfolk, Va. Filed Oct. 2, 1924. Serial No. 741,229. 14 Claims. (Cl. 101—125.)



1. In a hand duplicator, the combination of a main frame having side and end walls and a flange projecting inwardly therefrom and defining an opening through the bottom of said frame, a diaphragm provided with a flange arranged to fit within said walls and rest with its flange upon said inwardly projecting flange, said diaphragm having a downwardly projecting curved surface projecting through said opening, an inking pad, unitary means for securing the diaphragm and pad to the main frame with the pad about the curved surface of said diaphragm, and means for securing a stencil frame and stencil sheet to the main frame in position for stamping.

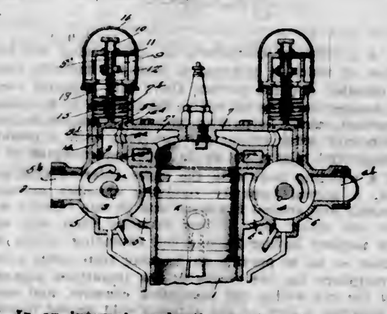
1,576,667. SYSTEM FOR ELIMINATING INTERFERENCE. JOSEPH O. MAUBORGNE and GUY HILL, Washington, D. C. Filed Feb. 9, 1924. Serial No. 691,550. 10 Claims. (Cl. 250—20.)

4. In an apparatus for eliminating undesired high frequencies in receiving systems, a wave coil consisting of an insulating tube, a single layer winding of insulated wire in the form of a helix wound thereon, said wire being uninsulated in part to permit contact to be made therewith by a slider provided with a terminal for connecting said coil to the remainder of the receiving apparatus, an extensible strip of metal electrically connected to one end of said coil, and means for coiling and extending said strip of metal in prolongation of said wave coil.



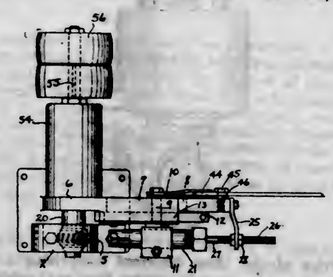
5. A system for the reception of radio signals comprising in combination an antenna circuit, a receiving circuit coupled with said antenna circuit, a resonance wave coil, and an independent connection from the said antenna to a point on said resonance wave coil, said connection on said wave coil being adjustable.

1,576,668. ROTARY VALVE. JAMES IVEN MAY, Niles, Ohio. Filed Apr. 30, 1925. Serial No. 26,982. 6 Claims. (Cl. 123—190.)



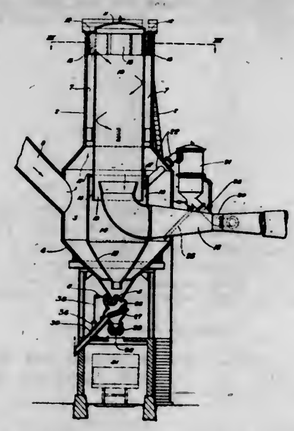
1. In an internal combustion engine, the combination with the cylinder, of a valve casing, a rotary ported valve therein, there being a passage leading from the valve casing to the cylinder, a ported packing member located in said passage, means for positively holding said packing member in contact with the valve, and means for automatically adjusting said holding means to take up wear.

1,576,669. SCREEN-BUTTON-CUTTING APPARATUS. JOSEPH H. MCEVOY, Houston, Tex. Filed Aug. 4, 1923. Serial No. 655,588. 10 Claims. (Cl. 29—69.)



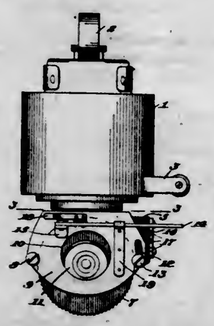
9. In a device of the character described a saw, a support, a reciprocable work holder, a stationary expanding rod therein, means to advance said work holder to said saw, and means on said rod to expand said holder when said holder is withdrawn.

1,576,670. DUST CATCHER. FRANK R. MCGEE, Steubenville, Ohio. Filed Apr. 6, 1921. Serial No. 458,988. 4 Claims. (Cl. 183—81.)



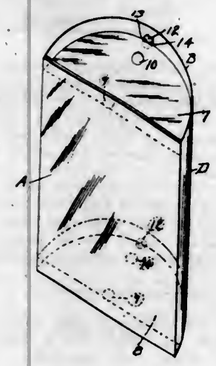
1. A gas cleaner comprising an outer casing, the lower portion of which is enlarged to form an impurity receiving chamber and the portion above said impurity receiving chamber forming an uptake for the gas to be cleaned, a vertical tubular separator member arranged centrally within said outer casing and provided with a plurality of tangential inlet ports at its upper end adapted to impart a whirling motion to the gases entering said separator, a second impurity receiving chamber extending upwardly and around the lower end of said tubular separator, an outlet pipe of less diameter than said separator member having its one end extending within said member so as to provide an annular trap space around its periphery for the escape of the impurities separated from the gas within the separating chamber, and means for inducing a flow of gas through said second impurity receiving chamber.

1,576,671. MEAT SAW. HENRY ANDREW MEYER, Cincinnati, Ohio, assignor to The Wolf Machine Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Mar. 23, 1925. Serial No. 17,678. 1 Claim. (Cl. 143—43.)



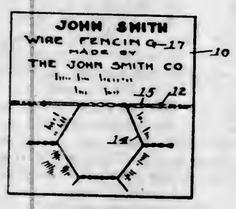
A device of the class described comprising a casing for a motor, a housing depending from said casing and mounting a shaft secured to the motor shaft, said housing having a part thereof projecting downwardly and provided with a bearing, a shaft mounted in said bearing, a rotary saw mounted on said shaft to rotate therewith, said housing and projecting part being recessed and widened to receive and project laterally to the front and rear of the saw and to provide a guard for one side thereof, lying closely adjacent thereto and beyond which only a small portion of the saw projects, a combined gauge and guard for the other side of the saw adjustably secured to said projecting part, a handle on the gauge rigid therewith in its plane of motion for setting same and having a lateral movement into and out of engagement with means on the projecting part of the housing within the width of its widened portion to hold the gauge in a set position.

1,576,672. ADVERTISING DISPLAY EASEL. AUGUST F. MILLER, San Francisco, Calif., assignor to Schmidt Lithograph Company, a Corporation of California. Filed Apr. 28, 1924. Serial No. 709,355. 1 Claim. (Cl. 229—45.)



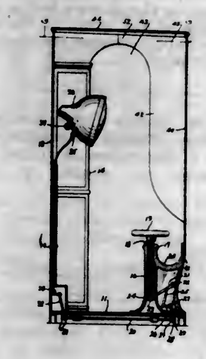
A carton of the class described, comprising front and back members secured together, and foldable flat end members secured to the back member along opposite edges thereof and adapted to lie flat between the front and back members and locking tabs having open slots secured inside the front member to cooperate with notches in the end members to hold them extended.

1,576,673. ADVERTISING CARD. JOHN W. ODLIN, Worcester, Mass., assignor, by mesne assignments, to The Chase National Bank of the City of New York, trustee, New York, N. Y. Filed Nov. 20, 1924. Serial No. 751,111. 3 Claims. (Cl. 211—34.)



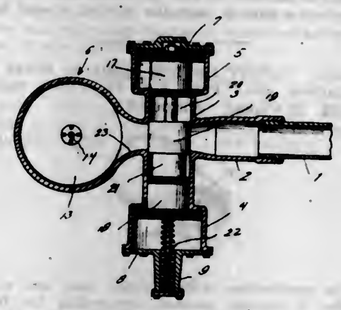
1. As an article of manufacture, an advertising card consisting of a piece of sheet material centrally folded to form a simple folder and provided with two perforation therethrough along the line of said fold spaced widely apart, and adapted to have an article to be advertised having a pair of oppositely projecting points extending through said perforations in opposite directions and in alignment with each other, whereby the article is pivotally mounted on the folder.

1,576,674. PHOTOGRAPHIC CABINET. ROBERT E. OLSEN, Ocean Park, Calif. Filed July 30, 1925. Serial No. 46,941. 8 Claims. (Cl. 95—82.)



1. A photographic cabinet comprising a base, a top, a back, a front, an artificial light, a seat for the subject being photographed, and light excluding strips on each side of the front and extending towards the back.

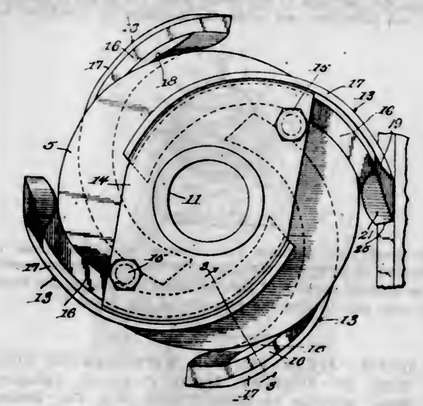
1,576,675. AUTOMATIC SUCTION-LINE VALVE. OLIVER H. ROBRIG, Dana, W. Va. Filed Mar. 11, 1925. Serial No. 14,764. 2 Claims. (Cl. 137—101.)



1. In a structure of the class described, an open ended cylinder, a valve slidable in said cylinder, suction chambers at the opposite ends of said cylinder, suction operated pistons connected with said valve and reciprocable in said cylinder, a suction line connected with said cylinder, a float chamber connected with said cylinder, a float operable in said chamber, a valve carried by said float, and suction by-pass pipes affording automatically controlled suction for said chambers.

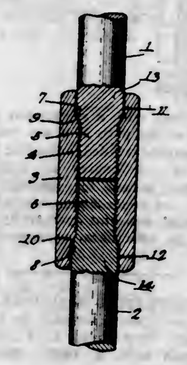
1,576,676. CUTTER. MARION RUBLE, Portland, Oreg. Filed Mar. 23, 1925. Serial No. 17,745. 2 Claims. (Cl. 144—218.)

1. A device of the character described comprising a body having substantially L-shaped in cross section longitudinally curved grooves, a blade in each groove including a web, a flange carried thereby and received in the



groove, a second flange extending from the web, the ends of such flanges being beveled in different planes.

1,576,677. WELL ROD AND PIPE COUPLING. JOHN H. SCHNEIDELER, Nebraska City, Nebr., assignor of one-fourth to Andrew P. Moran, Nebraska City, Nebr. Filed Jan. 17, 1923. Serial No. 613,217. 1 Claim. (Cl. 287—117.)

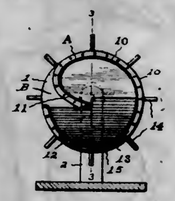


A pump and well rod coupling comprising a coupling member having a longitudinally extending threaded channel, annular shoulders within the channel of the coupling member and spaced slightly from but in proximity to the ends of the threaded portion of the channel, coupled elements having threaded ends, said coupled elements each having annular shoulders, the shoulders of the coupled elements abutting against the shoulders of the coupling member within the walls of said member to form a water tight joint.

1,576,678. CEMENT MIXER. THOMAS W. SHAW, Hayesville, Ohio. Filed Mar. 28, 1924. Serial No. 702,538. 4 Claims. (Cl. 83—73.)

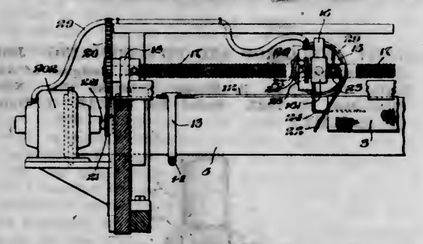
1. A mixing device of the character described, including a hollow mixing drum having a polygonal cross section and mounted to rotate about a horizontal axis, said drum being arranged symmetrically about the axis and having a longitudinally extending opening in one side thereof, a longitudinally extending blade projecting into

the drum toward the axis thereof from one of the edges of the opening so that it will successively elevate and drop the contents of the drum when the drum is rotated in one direction and cause the contents of the drum to



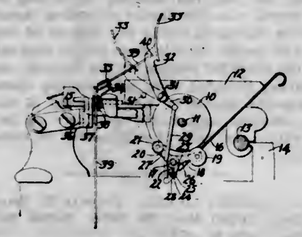
be discharged through the opening when the drum is rotated in a reverse direction, the blade cooperating with the angular corners of the polygonal interior of the drum to mix and agitate the contents of the drum.

1,576,679. APPARATUS FOR WITHDRAWING MOISTURE BY SUCTION. HARRY C. SMITH, Arlington, Mass., assignor to Blake Electric Mfg. Co., Boston, Mass., a Corporation of Massachusetts. Filed Mar. 14, 1924. Serial No. 699,390. 12 Claims. (Cl. 34—48.)



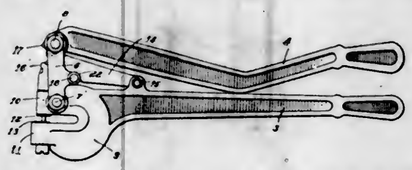
2. The combination with a suction-box and end-closures at opposite sides of the path of a web traveling past said suction-box, of screw-threaded adjusting means by rotation of which the end-closures are adjusted lengthwise of the suction-box, means for reversibly rotating said adjusting means, and feeler-means controlled by the opposite margins of said web and operatively controlling said rotating means to effectuate adjustments of the end-closures.

1,576,680. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 5, 1922. Serial No. 586,063. 7 Claims. (Cl. 197—65.)



1. In a typewriting machine, the combination with a platen and a letter-feeding carriage therefor, of a releasable work-holding pressure device bearing against the platen, means effective without requiring attention or use of either hand of the operator for automatically releasing the work from the control of the pressure device, and for maintaining the pressure device released to permit the operator to withdraw the typed work-piece with one hand, and insert a fresh work-piece with the other hand, including a carriage-returning pedal, means for connecting said pedal to said pressure device to release the same simultaneously with the return of the carriage and maintain the pressure device released until after the completion of the return of the carriage, and means for mechanically restoring the work-holder upon the release of the pedal.

1,576,681. PUNCH. GEORGE H. SPENGLER, Rockford, Ill., assignor to W. A. Whitney Manufacturing Company, Rockford, Ill., a Corporation of Illinois. Filed July 20, 1925. Serial No. 44,656. 2 Claims. (Cl. 164—120.)



1. In a punch, a stationary handle, a movable handle, links pivotally connecting said handles, a tool having a bearing in the one end of said stationary handle for movement into and out of the work, a tool reciprocating element intermediate said handles and pivoted on the stationary handle, an operating connection between said movable handle and said tool reciprocating element to move said tool in the punching operation by bringing said handles to closed position, and a pin extending between said links behind said tool reciprocating element engaging a smooth surface provided thereon whereby to raise said element and retract the tool when said handles are moved apart, said element having a shoulder at the end of said surface to be engaged by said pin to serve as a stop to limit the opening of said handles.

1,576,682. SAFETY DEVICE. CHARLES MOTEN STAFF, Springfield, Mo. Filed Feb. 21, 1925. Serial No. 10,922. 2 Claims. (Cl. 81—3.)

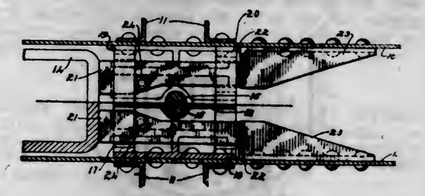


1. In combination with a chisel head and a handle therefor, a cup-like member surrounding the face end portion of the head and extending beyond the face end, the inner portion of the member being adaptable for close contact with the head adjacent the eye thereof, the inner portion of the member having an outstanding socket to straddle the handle immediately adjacent to the head, means for clamping the socket to the handle, the inner end of the member substantially opposite to the socket being provided with an open slot, and an outstanding part carried by the handle engaging within said slot when the member is in applied position.

1,576,683. DRAFT GEAR. SVEN JULIUS STRID, Chicago, Ill., assignor to Fred Mathews, Chicago, Ill. Filed Oct. 19, 1925. Serial No. 63,385. 8 Claims. (Cl. 213—50.)

1. In a structure of the kind described a center-sill, a body-bolster disposed transverse thereto including a center filler casting, a draw-bar yoke positioned upon

one side of said casting, a back-stop therefor upon the opposite side of said casting and connected to said center-sill, and means extending from said back stop to said



draw-bar yoke whereby the thrust from the latter is transmitted through said stop to the center-sill independently of the center filler casting.

1,576,684. OSCILLATING FAN. HARVE R. STUART, Springfield, Ohio, assignor to The Robbins & Myers Company, Springfield, Ohio, a Corporation of Ohio. Filed July 21, 1924. Serial No. 727,135. 5 Claims. (Cl. 74—36.)



1. The combination of a rotary housing, a separate bottom plate for said housing, a threaded member extending through an open ended recess in the side wall of said housing, said threaded member being provided with an annular groove to receive the upper portion of the wall of said recess to hold said member from longitudinal movement, an eccentric pin threaded on said member and projecting through a slotted opening in the bottom of said housing.

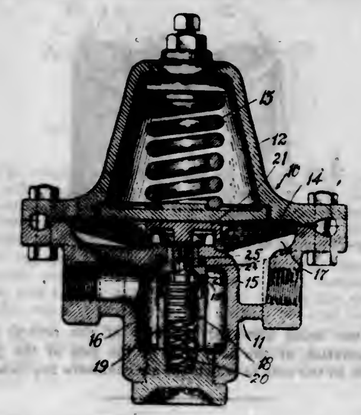
1,576,685. COLLAR BUTTON AND TIE HOLDER. JAMES A. TAYLOR, Richmond, Ky. Filed Oct. 24, 1925. Serial No. 64,606. 3 Claims. (Cl. 24—63.)



1. In a combined collar button and tie holder, a base, a stud carried by the base, and a head connected with the stud, a pin, a retaining plate formed integral with the pin, means connecting the retaining plate with the head, the pin extending longitudinally of the head and overlying the outer face thereof in spaced relation thereto.

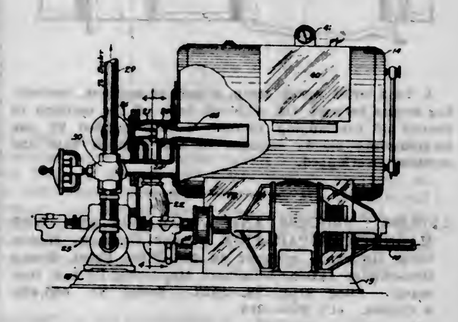
1,576,686. VALVE. CHARLES M. TERRY, Decatur, Ill., assignor to A. W. Cash Co., Decatur, Ill., a Corporation of Delaware. Filed Apr. 3, 1922. Serial No. 548,908. 2 Claims. (Cl. 50—23.)

1. In a pressure-reducing valve, the combination of a casing having a partition separating the high-pressure space from the low-pressure space, there being two ports in tandem for the fluid-flow from the high-pressure space to the low-pressure space and between said ports an intermediate pressure space of substantially larger diameter than either of said ports; pressure-controlled valve operating means responsive to pressure conditions in the low-pressure space and a valve controlled thereby



and coacting with both of said ports to give partial opening to the port near the high-pressure space before opening the port near the low-pressure space.

1,576,687. AUTOMATIC-CONTROL HEATING PLANT. RICHARD H. THOMAS, Chicago, Ill. Filed Mar. 9, 1925. Serial No. 14,083. 12 Claims. (Cl. 103—5.)

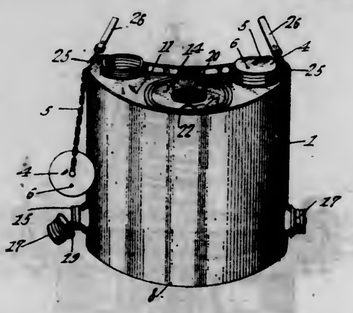


1. In a device of the class described a piping system, a tank, a return from said piping system to said tank, a second tank, a power driven pump, a jet pump, connections whereby said power pump receives water from said second tank and delivers it to either the jet pump or the piping system, a connection between said first tank and the jet pump, a float controlled air relief in said second tank and an automatic pressure valve in the connection from the power driven pump to the piping system adapted to open in response to the pressure created in the second tank when the air relief valve is closed.

1,576,688. BAIT AND TACKLE CONTAINER. HENRY F. THOMPSON, Decorah, Iowa. Filed Dec. 31, 1924. Serial No. 759,151. 4 Claims. (Cl. 43—55.)

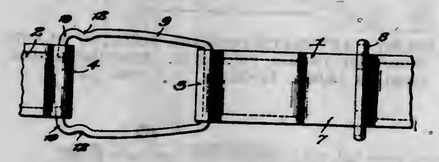
4. In a bait can, a body portion, said body portion having air chambers arranged therein and disposed laterally of the central line of gravity of the body portion,

said body portion having openings arranged at the bottom thereof, a cover having an opening to admit fluid to the interior of the body portion and the opening of



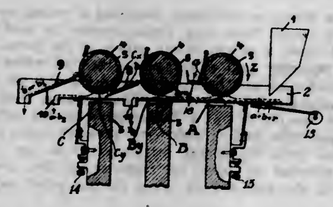
the cover being arranged laterally of the central line of gravitation of the body and at the side of the body opposite to the side in which the air chambers are located.

1,576,689. WRIST-WATCH STRAP. CHARLES R. TOST, Centerdale, R. I., assignor to The Hadley Company, Providence, R. I. Filed July 15, 1925. Serial No. 43,795. 5 Claims. (Cl. 24—71.)



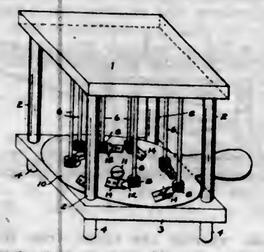
4. In a wrist watch strap, a pair of sections, connecting means between the adjacent ends of the sections to permit of overlapping thereof, a loop carried by one section, and means engaged in the loop to hold the sections overlapped.

1,576,690. PROCESS AND APPARATUS FOR WET MAGNETIC SEPARATION. GEORG ULLRICH, Magdeburg, Germany, assignor to the Firm Fried. Krupp Grusonwerk Aktiengesellschaft, Magdeburg-Buckau, Germany. Filed Sept. 28, 1923. Serial No. 665,465. 4 Claims. (Cl. 209—214.



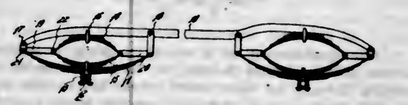
1. The process of magnetic separation consisting in passing the material to be separated through a plurality of magnetic fields, freeing the magnetic material attracted in one of said fields and the resultant unattracted residues from external magnetic influence, and passing said magnetic material and residues in superposed layers into the influence of a succeeding magnetic field.

1,576,691. MOLD-INSERT-FEEDING MECHANISM. DICK M. VEASEY, Fort Wayne, Ind. Filed Mar. 1, 1923. Serial No. 622,055. 7 Claims. (Cl. 18—1.)



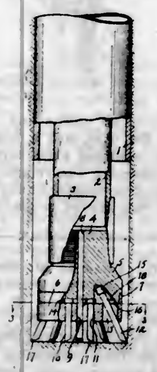
1. In a mechanism of the class described, a vertically disposed guide for a column of insert washers, a movable member normally supporting the column of insert washers and having means therein adapted to register with the lower end of said column to release the lowermost washer-insert when the said member is moved toward said column, and a member secured to the movable member and adapted to be moved thereby toward, and into, said column immediately above the lowermost washer-insert prior to the release of the latter washer-insert.

1,576,692. SPRING. JOHN BAPTIST VIDACH, Chicago, Ill. Filed Sept. 26, 1923, Serial No. 664,974. Renewed Jan. 11, 1926. 2 Claims. (Cl. 267—46.)



1. The combination with a curved leaf spring and means for connecting the spring with a vehicle axle, of a second and relatively short leaf spring of a greater degree of curvature mounted intermediate of the ends of the spring first named and connected with the axle, shackles for connecting the spring first named with the vehicle frame, and links connecting the shackles with the ends of the second spring and normally extending in substantial alinement with each other and with the chords of the springs specified.

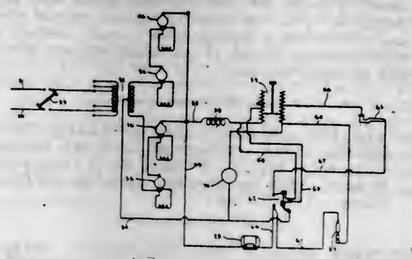
1,576,693. DRILL BIT. JAMES E. WALKER, La Habra, Calif. Filed Nov. 4, 1924. Serial No. 747,724. 3 Claims. (Cl. 255—75.)



1. A drill comprising supporting means having a radially elongated longitudinal opening therein forming a shoulder and an inclined abutment surface above the

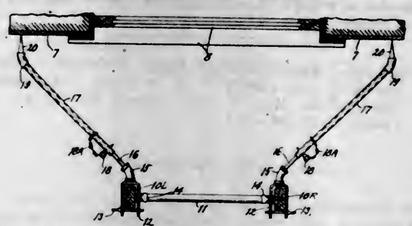
shoulder, and a cutter longitudinally slidable in said opening and having a head adapted to either rest upon the shoulder for suspending the cutter parallel to the axis of the drill or impinge against the inclined abutment surface for slanting the cutter in the radially elongated opening so that its projecting cutting edge extends laterally beyond the supporting means.

1,576,694. WATER-COOLED ULTRA-VIOLET APPARATUS. JULIUS B. WANTZ, Oak Park, Ill., assignor to Victor X-Ray Corporation, Chicago, Ill., a Corporation of New York. Filed Oct. 22, 1924. Serial No. 745,263. 4 Claims. (Cl. 250—34.)



1. The combination with an ultra-violet apparatus including a plurality of lamp circuits of different voltage values, of a cooling system comprising a jacketed lamp casing, a source of electro-motive force, conduits to and from said casing for the flow of a liquid cooling medium, and a cabinet enclosing a selector switch and a pump, prime mover, radiator, and fan for circulating and cooling said medium, said prime mover comprising an electric motor directly driving said pump and fan, and said selector switch being adapted to open and to close the circuit to said motor according to the voltage value of said lamp circuits.

1,576,695. LADDER-BRACING ATTACHMENT. FRANK R. WEBER, St. Paul, Minn. Filed Feb. 12, 1925. Serial No. 8,628. 1 Claim. (Cl. 228—60.)



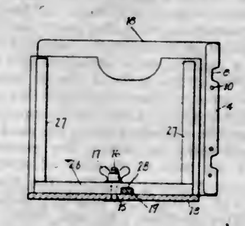
In a ladder bracing attachment a pair of diagonally disposed arms, means for detachably securing each arm to a rail of a ladder, said arms extending from the ladder to engage a wall and means for lengthening said arms to spread the wall contacting parts and hold the ladder in spaced relation to a wall, and means holding said arms in a plane at substantially right angles to the plane of the ladder when in operative position, said detachable securing means comprising for each arm a U-shaped yoke adapted to straddle a rail of the ladder, means for connecting the spaced ends of said yoke and a screw in said yoke to engage the rail and hold the yoke at any desired position on the rail, said arms comprising each a bar pivotally secured in the closed end of the respective yoke, a tube slidable on said bar and detachably secured thereto in selective telescoped positions, and wall engaging means on the outer end of said tube.

1,576,696. LOOSE-SHEET DEVICE. GEORGE P. WIGGINTON, Kalamazoo, Mich., assignor to Kalamazoo Loose Leaf Binder Company, Kalamazoo, Mich. Filed Oct. 16, 1924. Serial No. 743,988. 9 Claims. (Cl. 129—1.)



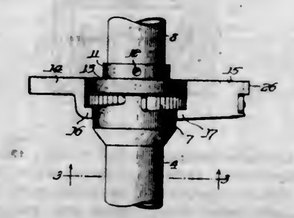
9. The combination of a binder comprising binder members, post bars removably engageable with said binder members and each provided with posts of unequal length, one post bar having a hole therein adapted to receive the longer post of the other bar whereby the entire sheet body is engaged by the longer post and the post projects to engage one of the binder members when assembled therein, and a sheet holder adapted to receive the sheets as a unit when removed from the binder, the said holder having a hole therein adapted to receive the projecting end of the post of the post bar superimposed upon the sheet body to facilitate the manipulation of the sheet body as a unit.

1,576,697. LOOSE-SHEET DEVICE. GEORGE P. WIGGINTON, LEON L. ALLYN, and NICHOLAS H. STUART, Kalamazoo, Mich., assignors to Kalamazoo Loose Leaf Binder Company, Kalamazoo, Mich. Filed Jan. 6, 1925. Serial No. 790. 14 Claims. (Cl. 129—1.)



7. The combination with sheets, of removable binding members, and a sheet holder having side and end members disposed so that the sheets may be arranged on the side member with their side edges abutting the end member, said holder having sheet alining means with which the sheets may be engaged to aline them with their binding edges projecting to facilitate the engagement and disengagement of the binding members therewith.

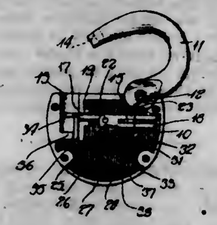
1,576,698. PIPE CONNECTION. RICHARD J. WILLIAMS, Virginia, Minn. Filed June 22, 1921. Serial No. 479,549. 1 Claim. (Cl. 285—177.)



In a pipe connection, an enlarged socket member having a seat formed therein, a plurality of circumferentially extending cam shoulders upon the outer face of said socket member, a second member having a shouldered

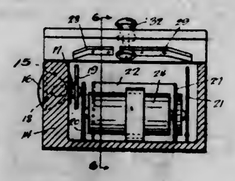
head adapted to fit within said socket member, a collar fitted upon said head behind the shoulder, operating arms carried by the collar, lugs extending from the collar having portions adapted to engage under the cam shoulders of the socket member, serrations on the outer faces of the cam shoulders, a spring pressed plunger carried by the collar and having a foot adapted to engage the serrations to prevent relative rotation between the socket member and the collar, said plunger having a rotatable head, and a shoulder adjacent the head adapted to normally lock the head against rotation and to receive the head when withdrawn and rotated and retain it in withdrawn position with the foot out of engagement with the serrations.

1,576,699. PADLOCK. ROBERT L. WILLIAMSON, Erwin, Tenn. Filed May 7, 1925. Serial No. 28,705. 2 Claims. (Cl. 70—106.)



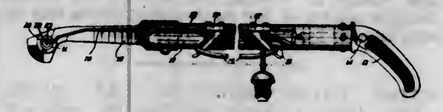
1. A lock including a keeper, a bolt mounted for rectilinear movement toward and from the keeper, the bolt carrying a transversely extending pivot pin, a plurality of tumblers mounted on the bolt, the bolt and said tumblers each having a longitudinally extending slot, each of the tumblers having at its forward end a downwardly extending lug, a stop disposed behind the bolt and tumblers and with which the slot of the bolt engages, the tumblers being movable into a position where the slots are in register with each other to permit the retraction of the tumblers and the bolt, a plurality of springs, one for each tumbler, each spring engaging the downwardly extending lug and urging the tumblers downwardly into their obstructive position, the lock being formed with means for limiting the downward movement of the tumblers under the action of said springs, and key-actuated means for shifting the tumblers into position with their slots in alignment with the stop and then retracting the bolt with its tumblers.

1,576,700. FLASH LIGHT. PAUL C. ZIRSCHANG, Columbus, Ohio. Filed Nov. 6, 1925. Serial No. 67,314. 4 Claims. (Cl. 240—10.5.)



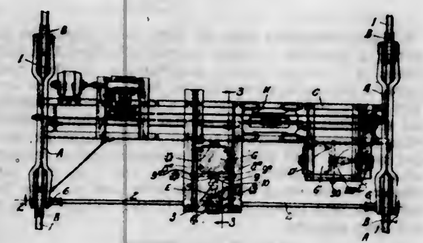
1. A flashlight including a box forming therein a battery compartment, upright conductor walls fixed within the box for the reception of batteries in contact therewith, a bulb socket fixed through one wall of the box and in contact with one of said walls, an upright contact member in connection with said socket, and a cover for said box having contact pieces movable with the cover into and out of engagement with said contact member and the other conducter wall.

1,576,701. VACUUM SWEEPER. CHRISTIAN AALBORG, Pittsburgh, Pa. Filed Sept. 2, 1922. Serial No. 586,878. 5 Claims. (Cl. 242—85.)



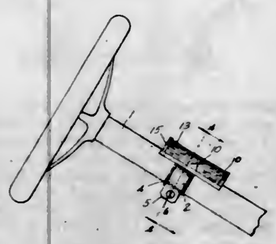
1. In a portable motor-driven device, in combination, a conductor cord for connecting the device to a power source, a handle for operating said device, said handle having an open cord receiving chamber formed therein and cord receiving clips mounted in said chamber, said clips extending outside of the handle whereby the cord may be wound thereon.

1,576,702. ELECTRICALLY-OPERATED BRIDGE CRANE. FRANK ACKERMAN, St. Louis, Mo., assignor to Curtis & Co. Mfg. Co., Wellston, Mo., a Corporation of Missouri. Filed Dec. 31, 1924. Serial No. 759,052. 17 Claims. (Cl. 105—133.)



1. A crane provided with a bridge, and a power unit mounted on said bridge in such a manner that it is capable of practically a universal movement relatively to the bridge.

1,576,703. REGISTRATION-CARD HOLDER. HARRY ANDERSON and GEORGE W. V. HACKETT, Los Angeles, Calif. Filed Mar. 7, 1925. Serial No. 13,751. 2 Claims. (Cl. 40—17.)



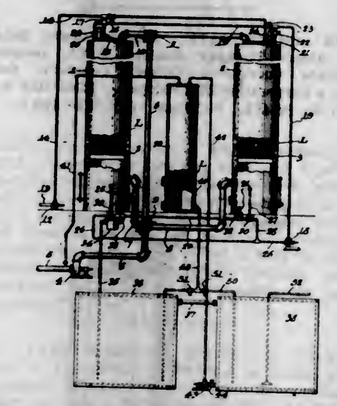
1. A card holder comprising a frame having grooved edges adapted to receive a card in said groove, one of the grooved edges being detachable from the frame, and the ends of the grooved edges meeting the ends of the detachable grooved edge being extended to form tabs adapted to be bent over the detachable grooved edge for releasably fixing the same relative to the frame.

1,576,704. DOOR-CONTROL MECHANISM. CHARLES H. ATKINSON, Saratoga, Calif. Filed July 6, 1925. Serial No. 41,518. 8 Claims. (Cl. 268—9.)



1. A door control mechanism for a hinged door comprising a bracket mounted on and projecting inwardly of the door, a horizontal and transversely movable element mounted inwardly of the door, and disposed in a plane between the door and the inner end of the bracket, a pivoted link extending from the inner end of the bracket to the element in the direction away from the hinged edge of the door, whereby when said link is pulled by movement of the element in one direction the door will be opened, until the pivot of the link with the bracket is past the dead center line of the door hinge and pivot of the link with the element when a push on said link will then further open the door, an endless cable in which said element is interposed, a manually operated control means applied to one run of the cable, and a weight applied to said run.

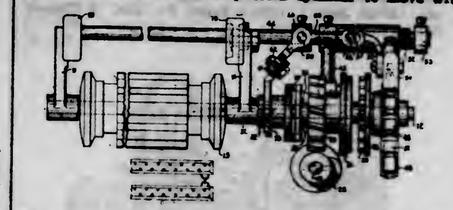
1,576,705. APPARATUS FOR MAKING SULPHITE LIQUOR. FRED J. BABCOCK, Dexter, N. Y., assignor to Stebbins Engineering & Manufacturing Company, Watertown, N. Y. Filed July 24, 1924. Serial No. 727,979. 1 Claim. (Cl. 23—283.)



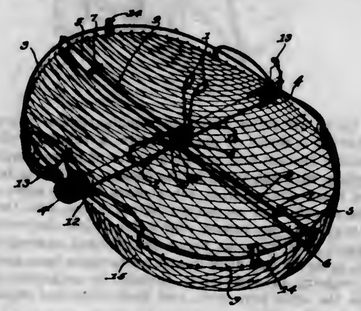
In an acid liquor tower system the combination with separate reversible limestone towers and a tank for receiving acid liquor from either of the towers, of means for building up the acid liquor in the tank, said means including a supplemental tank in communication with the first named tank for receiving relief gas, a supplemental limestone tower, means for directing gas to said supplemental limestone tower, and means for recirculating liquor through said supplemental tank and said supplemental tower while gas is being supplied to the tower.

1,576,706. MULTIPLIER FOR LOOMS. LANDRUM EARL BAGWELL, Drayton, and DAVID C. JONES, Greenville, S. C., assignors to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed July 14, 1924. Serial No. 725,773. 5 Claims. (Cl. 139—326.)

1. In pattern mechanism for looms, a pattern chain cylinder, an actuating disc having a regular motion, a multiplying disc, a transmitter cooperating with the discs to cause both discs to move in unison periodically, mechanism movable to cause the pattern cylinder to move with the actuating disc, and means controlled by the multiplier disc to move said mechanism to cause the pattern chain cylinder to move with the actuating disc.

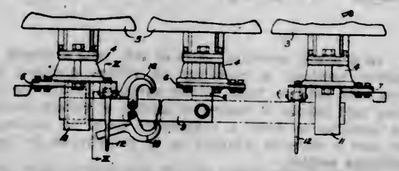


1,576,707. ANIMAL TRAP. VERNON BAILEY, Washington, D. C., assignor to Government and People of the United States. Filed Dec. 17, 1925. Serial No. 76,125. 1 Claim. (Serial No. 43—63.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



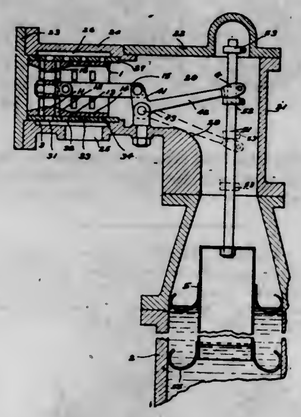
In an animal trap, a base, a trigger supported by said base and comprising two vertical rods, a cross brace for said rods, loops attached to the base of said rods, a hairpin spring encircled by said loops, cross wires extending from the sides of said spring to the jaws of the trap, said cross wires being provided with latch members adapted to normally hold the jaws in their inactive positions, and coiled springs supported on said base and engaging the jaws for normally urging the jaws toward each other.

1,576,708. DISCONNECTING SWITCH. ANDREW H. BAKKEN, Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 3, 1922. Serial No. 598,723. 8 Claims. (Cl. 200—169.)



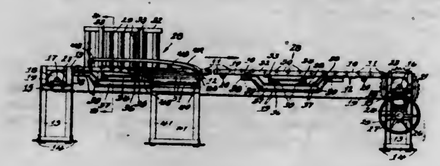
8. The combination with a movable switch member, and a support of a latch for the switch member movably carried by the support therefor and means secured to the switch member and movable with respect thereto for moving the latch out of the path of movement of the said switch member when the switch member approaches its closed position.

1,576,709. AIR-RELIEF VALVE. CARLOS J. BASSLER, Portland, Oreg., assignor to American Liquid Meter Company, Portland, Oreg., a Corporation of Washington. Filed Jan. 2, 1925. Serial No. 139. 8 Claims. (Cl. 137—69.)



1. In an air relief valve, in combination, a valve casing having a series of ports therein, a tubular valve reciprocable therein and having a series of ports adapted to cooperate with the ports in the casing, said ports in each series being spaced from other ports in the same series in the direction of movement of the valve, and the several ports in the casing and valve being disposed and arranged relatively to bring the several corresponding ports, upon movement of the valve towards open position, into registry in succession, thereby to progressively increase the open port area, and float-controlled means for moving said valve.

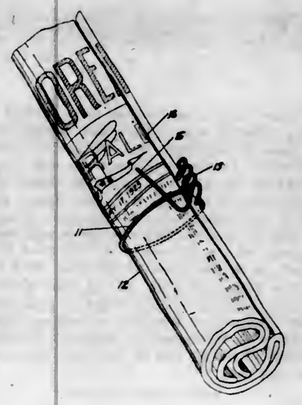
1,576,710. LIVE-ROLLER CONVEYER. GORDON W. BEULKE, St. Paul, Minn., assignor to Standard Conveyor Company, a Corporation of Minnesota. Filed Dec. 11, 1922. Serial No. 606,028. 2 Claims. (Cl. 198—127.)



1. In a power conveyer, pairs of side rails arranged in separate sections, a plurality of rollers disposed between said rails to form carrier surfaces, means for rotating said rollers, a removable section of rollers joining said sections to form a continuous path for merchandise, and a diverter adapted to be substituted for said removable section.

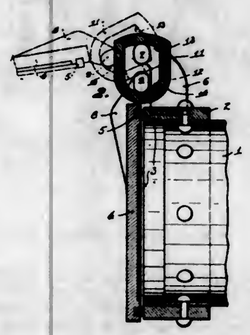
1,576,711. NEWSPAPER AND PERIODICAL TIE. JOSEPH D. BISHOW, Los Angeles, Calif. Filed Mar. 5, 1925. Serial No. 13,113. 3 Claims. (Cl. 24—27.)

1. In a newspaper or periodical tie, a pliant metallic wire having a series of integrally formed convolutions at one end, said convolutions being free, open and unobstructed, and a continuation for said convolutions of a length sufficient to encompass a folded newspaper or periodical, said continuation being locked, when in use, with



one of the convolutions, by being turned back on itself to form a locking loop around the wire forming one of the convolutions.

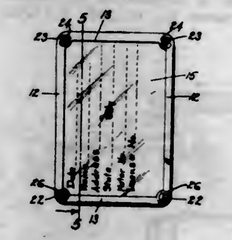
1,576,712. CHECK GATE. ALBERT JOSEPH BOLD and KARL JOHAN THORSEN, Oakland, Calif., assignors to California Corrugated Culvert Company, Oakland, Calif., a Corporation of California. Filed May 6, 1925. Serial No. 28,473. 8 Claims. (Cl. 251—123.)



1. A check gate comprising a seat member; a gate member cooperating therewith; bearing pins carried by said seat and gate members; and a single tubular link surrounding both said bearing pins to form a hinge connection for said gate member, the axis of said link being parallel to the axis of said pins and transverse to the direction of movement of said gate member.

1,576,713. HOLDER FOR REGISTRATION CARDS. BÖRJE H. BÖRJESON, St. Paul, Minn. Filed Sept. 2, 1924. Serial No. 735,390. 6 Claims. (Cl. 40—10.)

1. A certificate or card holder comprising a support for the same, a frame adapted to contain a card or certificate, means for attachment of the frame to the support, said means and frame at the point of attachment to the support being formed to co-operate in providing



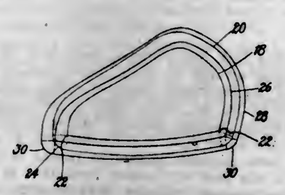
a progressive gripping tension joint in moving the frame to closed position, and means for holding the frame in closed position against its support.

1,576,714. ANIMAL-CONTROL DEVICE. GUSTAF L. BOWMAN, Valparaiso, Ind. Filed Sept. 19, 1922. Serial No. 589,172. 8 Claims. (Cl. 119—142.)



1. In animal control devices, a suitable neckband, a permanently attached pain inflicting nose ring, a pair of curved metallic members slidable on the neck band, a second pair of curved metallic members slidable on the nose ring, a spacing bar, means for adjustably holding the curved members on such bar, adjustable means cooperating with the spacing bar adapted to hold the device approximately central of the animal's forehead, and a pad secured to the neckband and beneath the upper curved members.

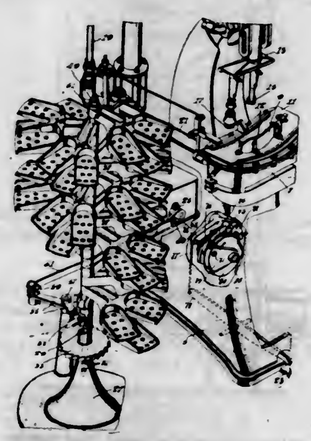
1,576,715. LAST MAKING. STANLEY E. BOYNTON, Rochester, N. Y., assignor to Fitz-Empire Double Pivot Last Company, Auburn, Me., a Corporation of Maine. Filed May 21, 1921. Serial No. 471,395. 21 Claims. (Cl. 142—1.)



1. That improvement in the art of pattern copying which consists in cutting the work from an oversize model in a pattern copying machine having a wheel which is undersize to the same extent that the model is oversize.

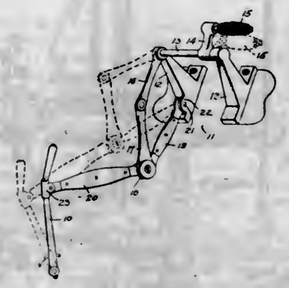
7. An oversize model as defined in claim 6 having the stubs and dog marks by which it was turned.

1,576,716. CONVEYING APPARATUS. LOUIS A. CARBRAIN, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Sept. 21, 1920, Serial No. 411,760. Renewed July 31, 1925. 8 Claims. (Cl. 34—26.)



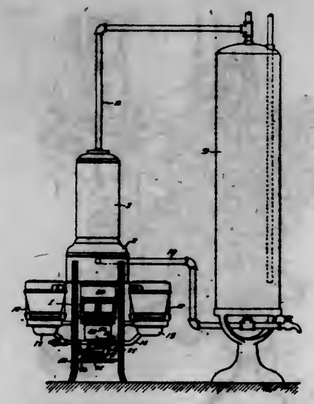
1. The combination with a machine having a member movement of which controls the operation of the machine, of a support for holding pieces of work which are to be presented manually by the operator to the machine, and means responsive to movement of the member for actuating the work support to bring the pieces of work successively into positions accessible to the operator.

1,576,717. BRAKE FOR MOTOR VEHICLES. NICHOLAS A. CATENARO, Brooklyn, N. Y. Filed Dec. 19, 1924. Serial No. 756,937. 2 Claims. (Cl. 74—89.)



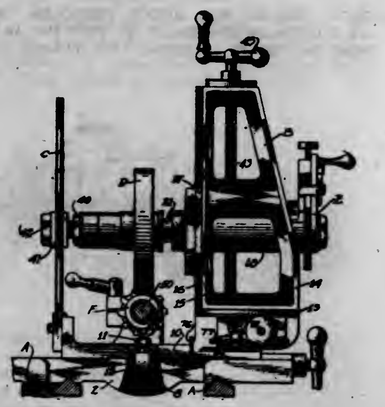
1. A pedal attachment for an emergency brake lever, comprising a pair of brackets, a rock shaft mounted in said brackets, a pair of links pivoted at their free ends on a bracket and the lever, respectively, and a second set of links having their free ends attached to the rock shaft and pivotal connection between the first links to lift the latter and cause the rearward movement of the lever.

1,576,718. THERMOSTATIC CONTROL FOR HEATING DEVICES. LEE S. CHADWICK, Shaker Heights Village, and MARC RESEK and JOHN ALGER DAHLSTROM, East Cleveland, Ohio, assignors to Perfection Stove Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 26, 1923. Serial No. 664,854. 31 Claims. (Cl. 236—20.)



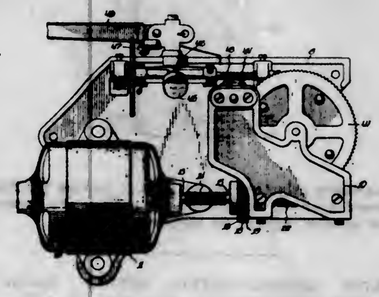
1. In combination with a liquid fuel burner of the wick type, means for raising the wick, means tending to lower the wick, latch mechanism for retaining the latter means in ineffective condition, and thermostatic means for releasing the latch.

1,576,719. MILLING-MACHINE ATTACHMENT FOR LATHES. MANLEY J. CHAPLIN, San Francisco, Calif., assignor of one-half to Alfred J. Bayley, Berkeley, Calif. Filed May 1, 1922. Serial No. 557,622. 7 Claims. (Cl. 90—11.)



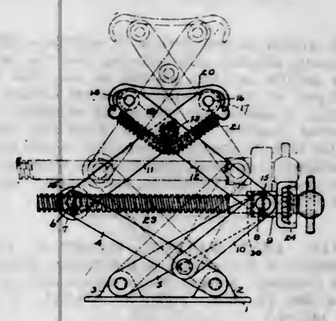
1. In combination with a lathe, of a spindle head, a supporting standard adapted to be mounted on the carriage of the lathe, a connection between said standard and the transverse feed screw in the carriage whereby turning movement of the feed screw will impart transverse movement to the standard, and means associated with the standard and the carriage adapted to audibly announce the fact that the standard has reached the end of its travel in one direction.

1,576,720. CONSTANT-SPEED ELECTRIC DRIVE FOR TALKING MACHINES. FOREST CHENEY, Grand Rapids, Mich., assignor to Cheney Talking Machine Co., Chicago, Ill., a Corporation of Illinois. Filed Aug. 13, 1921. Serial No. 492,209. 7 Claims. (Cl. 185—40.)



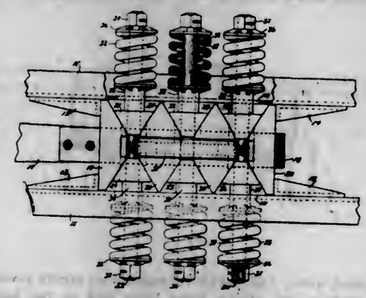
1. In a driving mechanism, a driven spindle, a driving electric motor, a driving spring interposed between the motor and spindle, said spring being adapted to store energy to compensate for fluctuation in motor speed, and means adapted to be automatically applied to retard the motor speed when the stored energy reaches a predetermined point.

1,576,721. LIFTING JACK. EARL W. CONRAD, Warsaw, Ind. Filed Aug. 21, 1925. Serial No. 51,588. 2 Claims. (Cl. 254—122.)



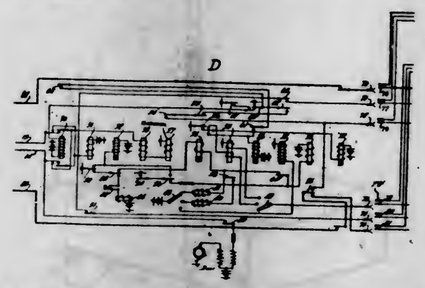
2. A lifting jack comprising a base, lugs on the base, crossing links pivoted at their lower ends to the lugs respectively, an internally threaded collar member pivotally connected to the upper ends of one pair of said links, a thrust bearing member having a pivotal connection to the upper ends of the other pair of said links, a pair of links pivotally connected to one of said members and to the pair of crossing links that is connected to the other member, crossing links pivotally connected at their lower ends to said links being pivoted together at their crossing points, a roller between the upper ends of each pair of the latter links, a plate slidably engaged on the rollers and a spring engaged to the opposite ends of the plate, also engaged under the pivot connecting the latter links at their crossing points, and a screw revolubly mounted in the bearing member and in threaded engagement with the collar member.

1,576,722. DRAFT GEAR. WALTER H. COTTON, Chicago, Ill., assignor to Union Draft Gear Co., a Corporation of Illinois. Filed Mar. 23, 1923. Serial No. 627,073. 15 Claims. (Cl. 213—23.)



1. In a draft gear, in combination, a follower the inner face of which is wedge-shaped, a friction plate on the longitudinal median line of the gear and normally out of engagement with the follower, a friction block bearing against each face of the plate and having a face receding from the adjacent wedge face of the follower, a wedge block interposed between the named face of the block and such adjacent face of the follower, spring means for advancing the wedge block, and means for resisting lateral movement of the friction block away from the wedge block.

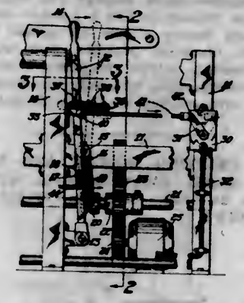
1,576,723. WIRE CHIEF'S TEST CIRCUITS FOR TELEPHONE SYSTEMS. THOMAS F. CROCKER, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed July 28, 1922. Serial No. 578,174. 16 Claims. (Cl. 179—175.)



14. The combination, with a wire chief's test circuit, of a directively controlled automatic switch, a test conductor extending from said test circuit to said switch, a line including two line conductors and a third conductor, means including said automatic switch for connecting said test conductor to one of said line conductors, and means in said switch for disconnecting said test conductor from said line conductor and connecting said test conductor to said third conductor at will.

1,576,724. REVERSING SHIPPING MECHANISM FOR LOOMS. EDWARD J. DACEY and ALBERT A. GOSSOW, Worcester, Mass., assignors to Crompton and Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed Sept. 20, 1923. Serial No. 59,414. 9 Claims. (Cl. 74—83.)

1. In loom controlling mechanism, driving mechanism, a shipper lever to connect the loom with the driving mechanism in normal running position when the mechanism is driving the loom in forward direction, and means



to reverse the driving mechanism and also prevent said shipper handle from moving to normal driving position.

1,576,725. APPARATUS FOR APPLYING COATING. HERBERT W. DAY, Wollaston, Mass., assignor to Painting & Finishing Equipment Sales Co., a Corporation of Massachusetts. Filed Mar. 1, 1922. Serial No. 540,171. 11 Claims. (Cl. 91—45.)



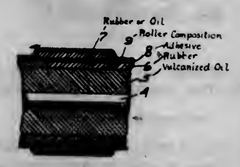
1. Means for applying coating comprising means to supply coating material, means to subject the same to the action of a motive agent, thereby effecting the discharge of the coating material, and means to discharge a motive agent supplementally upon the discharge coating material in any one of a plurality of predeterminedly spaced planes, the control of the discharge of the motive agent supplementally being effected wholly by change in position of the means to discharge the motive agent supplementally said change in position cutting off the supplemental discharge when not in said predeterminedly spaced planes.

6. Means for applying coating comprising means for maintaining a film of coating material, means for causing a motive agent to break through and discharge said film, and means to discharge the motive agent supplementally upon the discharged film to transform the latter into a mass having a different cross section, the means to discharge the motive agent supplementally upon the discharged film having a plurality of predeterminedly spaced positions in each of which the motive agent is supplementally discharged thereby and intermediate predetermined positions in which no supplemental discharge of the motive agent occurs.

7. A tool for applying coating comprising a body having passages for coating material and for a motive agent

under pressure there being in said body a plurality of pairs of spaced, supplemental, motive passages leading from said motive agent passage and distributed in a circular series thereabout and a member supported upon said body and having a pair of opposed supplemental motive agent discharge passages, said member having turning movement, without necessary substantial longitudinal movement, upon said body into and out of communication with selected supplemental motive passages.

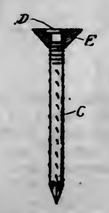
1,576,726. PRINTING ROLLER AND METHOD OF MAKING SAME. ARTHUR B. DAVIS, Springfield, Ohio. Filed Apr. 24, 1924. Serial No. 708,717. 13 Claims. (Cl. 91—67.8.)



4. The combination, with a printing roller formed of soft resilient material, of a sleeve of soft resilient material removably secured to the surface of said roller, and a thin coating of roller composition on the outer surface of said sleeve.

12. The method of providing a printing roller with a removable inking surface which consists in removably securing to said roller a sleeve of soft resilient material by a substance which can be softened under the action of water or heat without impairing the character of said roller.

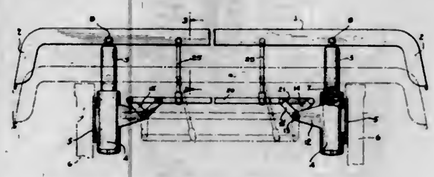
1,576,727. FASTENING DEVICE FOR SHEET-METAL ROOFING AND SIDINGS. ALBERT J. DENISTON, Jr., Chicago, Ill. Filed Aug. 6, 1925. Serial No. 48,523. 3 Claims. (Cl. 85—50.)



1. A unitary fastening device for the purposes described, comprising a shank, a head integral therewith, and a soft metal washer encircling and snugly fitting the portion of the shank directly beneath the head and the lower side and periphery of the latter, and on its upper side substantially flush with the top surface of said head.

1,576,728. VEHICLE BUMPER. MANUEL D. DOMINGUEZ, New Orleans, La., assignor to Charles A. Denis and George Sarpy, both of New Orleans, La. Filed Apr. 4, 1925. Serial No. 20,646. 2 Claims. (Cl. 293—55.)

2. A vehicle bumper comprising cylinders adapted for connection to vehicle members, plungers in the cylinders, means urging the plungers outward, a bumper bar connected to the plungers, brackets on the cylinders, bell cranks pivotally mounted in the brackets and each having an upper and a lower arm disposed substantially at right angles to each other, a cross link connecting the upper bell crank arms, a cross link connecting the lower



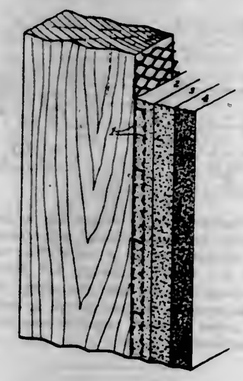
bell crank arms, and parallel longitudinal struts pivotally connected to one of the cross links and to the bumper bar to guide the latter in parallel relation to its normal position and distribute impact forces substantially equally to the plungers and springs.

1,576,729. ILLUMINATING-GAS BLOWPIPE. FRANZ GEISS, Neukolln, near Berlin, Germany, assignor to the Firm Oeltanks Gesellschaft m. b. H., Berlin, Germany. Filed Mar. 30, 1925. Serial No. 19,431. 1 Claim. (Cl. 158—27.4.)



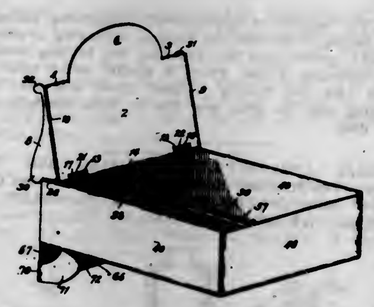
An illuminating gas welding and cutting blow-pipe comprising a handle having oxygen and illuminating gas supply pipes, a mixing tube removably seated in said handle, a sleeve at the inner end of said mixing tube forming the wall of a central illuminating gas aspirating chamber, said sleeve being spaced from the inner wall of said handle and having openings formed through its wall, a nozzle removably secured in the inner end of said sleeve and spaced from the wall thereof, forming an annular illuminating gas passage delivering into said central aspirating chamber between said nozzle and mixing tube, an oxygen supply pipe connected with said passage being the quintuple of the diameter of the outlet of the said oxygen nozzle.

1,576,730. PLASTER OR CONCRETE OPAQUE TO X-RAYS. PHILIP E. HARTH, St. Louis, Mo., assignor to National Pigments & Chemical Company, St. Louis, Mo., a Corporation of Missouri. Filed Apr. 4, 1924. Serial No. 704,168. 8 Claims. (Cl. 72—128.)



8. A wall covering for excluding X-rays, consisting principally of a cemented mixture of sand and powder both of which are opaque to X-rays, the proportion of the powder increasing towards the surface of the wall.

1,576,731. DISPLAY CARTON. CHARLES W. JACK, Chicago, Ill. Filed July 20, 1922. Serial No. 576,179. 22 Claims. (Cl. 206—44.)

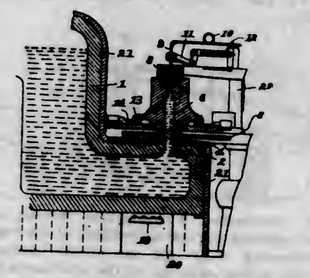


5. A container composed of a one-piece sheet bent to form a body, a cover therefor and a support, said support being hinged to an end and to the bottom of said body.

1,576,732. ARC-RESISTING MATERIAL AND PROCESS OF MAKING. OTTO H. ESCHHOLZ and PAUL G. GUNSY, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed July 30, 1920. Serial No. 400,238. 7 Claims. (Cl. 18—47.5.)

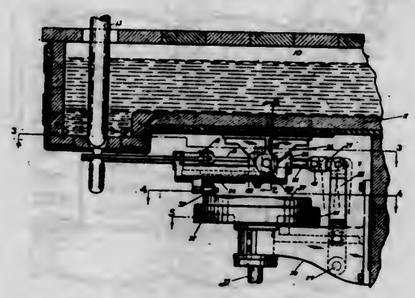
1. A refractory article comprising a refractory base including silica and a hydrous inorganic binder of sodium silicate, and having a thin glaze of anyhydrous sodium silicate on the surface thereof.

1,576,733. PROCESS OF MAKING GLASSWARE. ENOCH FERNGREN, Washington, D. C. Filed Jan. 20, 1920. Serial No. 352,725. 10 Claims. (Cl. 49—77.)



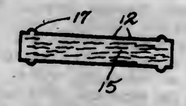
1. The process of obtaining mold charges from a supply of molten glass comprising causing glass to issue continuously from a discharge orifice in a stream of periodically increasing and decreasing velocity, shearing a mold charge from each portion discharged with increased velocity, and moving with the shear with the said charge during severance.

1,576,734. CUTTING APPARATUS. ENOCH T. FERNGREN, Toledo, Ohio, assignor to The Owens Bottle Company, Toledo, Ohio, a Corporation of Ohio. Filed June 12, 1922. Serial No. 567,518. 13 Claims. (Cl. 49—55.)



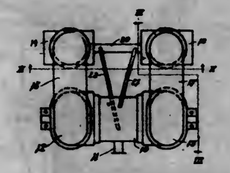
1. In glass severing apparatus, the combination of shears, means to move said shears horizontally for cutting, and means to tilt them during the cutting stroke in the same direction about a common horizontal axis perpendicular to their direction of cutting movement.

1,576,735. INFUSOR. REGINALD A. FESSENDEN, Chestnut Hill, Mass. Filed Oct. 8, 1921. Serial No. 506,889. 5 Claims. (Cl. 53—3.)



1. A comparatively thin elastically deformable infusor, having one of its dimensions in the ratio of approximately one to ten, or less, to its greatest dimension, so constructed as to give a rate of infusion closely approximating that of the unconfined infusive material.

1,576,736. EXPANSIBLE TURBINE-CONDENSER STRUCTURE. WARREN B. FLANDERS, Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 11, 1920. Serial No. 423,831. 12 Claims. (Cl. 60—95.)

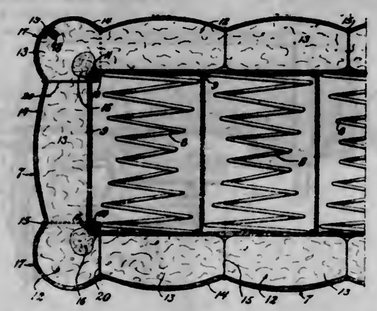


1. In combination, a double-flow turbine, condensers disposed opposite the exhaust outlets of the turbine, flexible supporting means for one of the condensers, and means for moving said one of the condensers in a direction parallel with the turbine as the turbine cylinder expands.

1,576,737. RESINOUS CEMENT. LESLIE E. FROST, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 15, 1921. Serial No. 477,702. 5 Claims. (Cl. 87—17.)

2. A cement comprising a gum resin dissolved in a water-free benzol, a solid phenolic condensation product and an inert filling material.

1,576,738. MATTRESS. SIEGFRIED FOLD, Philadelphia, Pa. Filed Jan. 9, 1923. Serial No. 611,558. 2 Claims. (Cl. 5—360.)

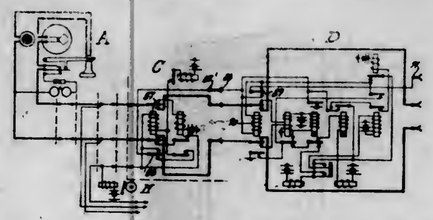


1. A mattress comprising a core arrangement characterized by being composed of compressible springs arranged within a covering and by having foundation members holding the springs in position; a casing of uniform thickness completely enveloping the core, and filler expansions arranged within the casing in positions to rest over and to be reenforced by, said foundation members, substantially as described.

1,576,739. PROCESS OF RECOVERING SODIUM CHLORIDE FROM SALINE LIQUORS. ALFRED W. GAUGER and HENRY HERMAN STORCH, Westend, Calif., assignors to Burnham Chemical Company, Reno, Nev., a Corporation of Nevada. Filed Feb. 16, 1925. Serial No. 9,414. 6 Claims. (Cl. 23—41.)

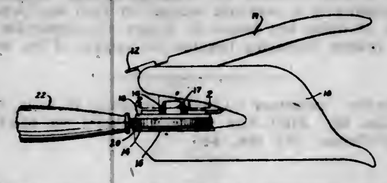
1. The process of recovering sodium chloride from liquors containing the same and other salts, which comprises evaporating the liquor whereby sodium chloride and other salts are crystallized out, separating the deposited crystals from the concentrated liquor, grinding the crystals to finely divided form and washing the ground crystals with original liquor to wash out the other salts.

1,576,740. AUTOMATIC TELEPHONE SYSTEM. CHARLES GILLINGS and RICHARD MERCER, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Oct. 12, 1921. Serial No. 507,265. 17 Claims. (Cl. 179—9.)



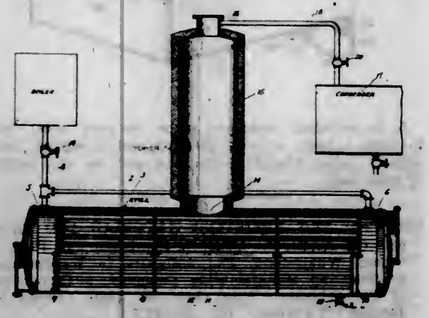
1. In a telephone system embracing a number of exchanges, means for establishing connections from one exchange to another, means in the calling exchange controlled from the called exchange for determining the charge to be made for the call, and circuit arrangements such that the exercise of the control is delayed until a plurality of series of digit impulses are transmitted to the called exchange.

1,576,741. SEAL. SAMUEL A. HAMNETT, Los Angeles, Calif. Filed Apr. 20, 1925. Serial No. 24,455. 5 Claims. (Cl. 18—47.5.)



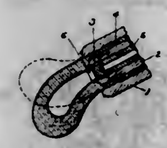
1. The method of making seals comprising taking a seal having a movable die thereon, arranging a heating element against said die, removing the heating element and arranging a disc which is plastic under heat, beneath said die, placing a band about said disc and bringing said die upon said disc to form characters in said disc.

1,576,742. APPARATUS FOR REFINING OILS. WILLIAM TEE HANCOCK and MURAT BOYLE, Kansas City, Mo. Filed Oct. 8, 1923. Serial No. 667,231. 2 Claims. (Cl. 196—127.)



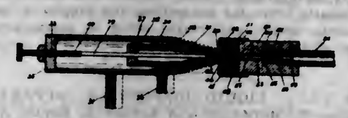
1. In a system for converting heavy hydrocarbon oils into lighter hydrocarbon oils, the combination with a horizontal still having perforate pipes running longitudinally thereof, crown sheets supporting the ends of the pipes, the crown sheets being spaced from the ends of the still to provide steam spaces at the respective ends thereof, steam inlets at the respective ends of the still, a separator chamber connected to the upper portion of the still, and a condenser connected to the top of the separating chamber.

1,576,743. GLASS-FORMING APPARATUS AND METHOD OF FORMING GLASS. ORIN A. HANFORD, Columbus, Ohio, assignor to The Federal Glass Company, Columbus, Ohio, a Corporation of Ohio. Filed Apr. 14, 1921. Serial No. 461,267. 15 Claims. (Cl. 49—20.)



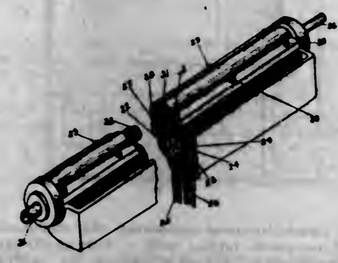
15. Glass blowing apparatus comprising means for oscillating a blank at an angle from the vertical and about its own axis, the oscillation of said blank being such that the sides will be alternately stretched and compressed.

1,576,744. APPARATUS FOR BLOWING GLASSWARE. ORIN A. HANFORD, Columbus, Ohio, assignor to The Federal Glass Company, Columbus, Ohio, a Corporation of Ohio. Filed Aug. 22, 1921. Serial No. 494,078. 10 Claims. (Cl. 49—18.)



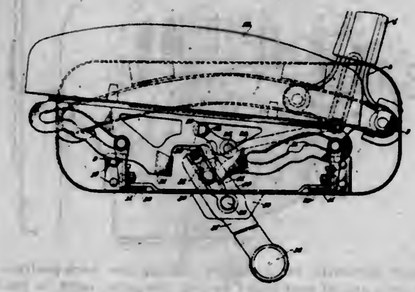
1. Means for introducing fluid to glass blanks comprising a pipe leading to the blank retaining head, a normally closed valve in said pipe, a nozzle structure through which fluid is adapted to flow continuously, means for moving said nozzle intermittently into position to supply fluid to said pipe and means for opening said valve prior to or at the instant of positioning of said nozzle.

1,576,745. APPARATUS FOR BLOWING GLASS. ORIN A. HANFORD, Columbus, Ohio, assignor to The Federal Glass Company, Columbus, Ohio, a Corporation of Ohio. Filed Oct. 17, 1921. Serial No. 508,128. 9 Claims. (Cl. 49—18.)



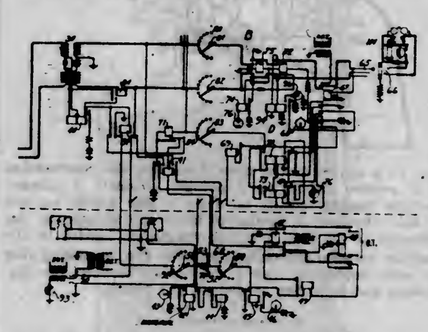
1. Apparatus for delivering air to the interior of a glass blank comprising a receptacle containing a moistening fluid, a wick member over which the air passes, said wick member having a portion immersed in said moistening fluid.

1,576,746. CAR SEAT. CONRAD T. HANSEN, Philadelphia, Pa., assignor to American Motor Body Company, Philadelphia, Pa., a Corporation of Delaware. Filed Mar. 10, 1922. Serial No. 542,555. 8 Claims. (Cl. 155—102.)



1. In a car seat, in combination, an end plate, an angle plate secured to the end plate, a cross rail secured to the angle plate, said angle plate having a flange fitting over the top of said rail constituting a firm superposed bearing therefor.

1,576,747. TELEPHONE SYSTEM. HENRY L. HOFFMANN, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 22, 1923. Serial No. 682,198. 32 Claims. (Cl. 179—27.)

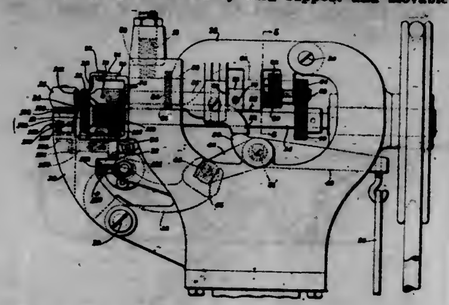


1. A telephone system comprising trunk lines, an operator's telephone set, a first subscriber's line, means responsive to the connection of said first subscriber's line to any one of said trunks to connect the operator's telephone set thereto, a second subscriber's line, a link circuit for connecting to said second subscriber's line, and means operative upon the connection of said link circuit to said second subscriber's line to connect said link circuit to the said trunk circuit.

1,576,748. STOCK-FITTING MACHINE. ALBERT E. JOHNSON, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Aug. 4, 1920. Serial No. 401,127. 7 Claims. (Cl. 12—30.)

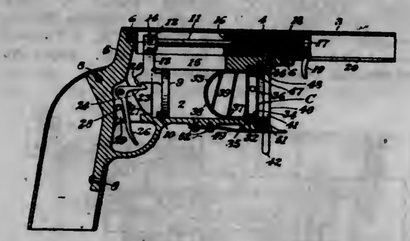
1. A machine for operating on lipped soles having, in combination, a shaft, a feed roll mounted thereon to bear against one face of the lip, a second feed roll for engaging the opposite face of the lip, a work-positioning roll to bear against the unlipped side of the sole, a support therefor, means for moving said support and work-posi-

tioning roll toward and from said feed rolls, and gearing including a driving gear rigidly secured to said shaft and a driven gear carried by said support and movable



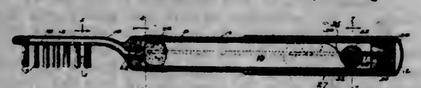
bodily therewith for positively driving the work-positioning roll, one of said gears having elongated teeth so that said gears will remain in mesh whatever the position of said support and its roll.

1,576,749. PNEUMATIC PISTOL AND GUN. CHARLES D. KING, Rutherford, N. J. Filed Apr. 15, 1921. Serial No. 461,517. Renewed June 3, 1925. 12 Claims. (Cl. 46—46.)



1. In a device of the class described, the combination of a portion embodying a plunger chamber, a plunger movable therein, means to clamp a film across an end of said chamber, a spring to move the plunger in the direction of the film, a rubber diaphragm located in the chamber between the plunger and the film, a holding ring for said diaphragm, and a coil spring between the diaphragm and said ring to distend the former.

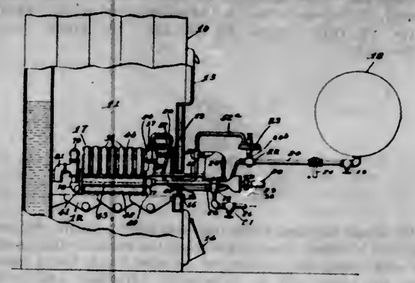
1,576,750. DISPENSING DEVICE. WILLIAM W. KINSLEY, Jamestown, Kans. Filed Dec. 6, 1922. Serial No. 605,244. 6 Claims. (Cl. 221—60.)



1. In a device of the kind described, a tubular casing adapted to receive a collapsible tube, a rotatable device movable lengthwise of the casing to squeeze the collapsible tube transversely, a threaded tube surrounding said rotatable squeezing device and fixed against endwise movement and rotatable in opposite directions to advance and retract the rotatable device longitudinally of the casing.

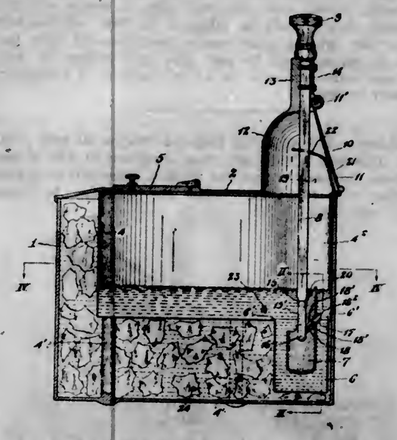
1,576,751. BURNER. GEORGE LEICH, Rockville Center, N. Y. Filed Aug. 6, 1924. Serial No. 730,351. 29 Claims. (Cl. 158—56.)

25. A burner of the class described comprising a plurality of substantially U-shaped tubular sections mounted side by side, means for coupling said sections together and for placing the chambers thereof in communication to form a continuous coil from one end of the burner to the other, a fuel nozzle in communication with one of the end sections of the burner, burner tubes in communication with the other end section whereby fuel from said nozzle passes through said sections prior to its discharge through the burner tubes, a steam boiler mounted longitudinally of and within said sections, means for placing said steam boiler in communication with said fuel nozzle whereby the steam generated by said



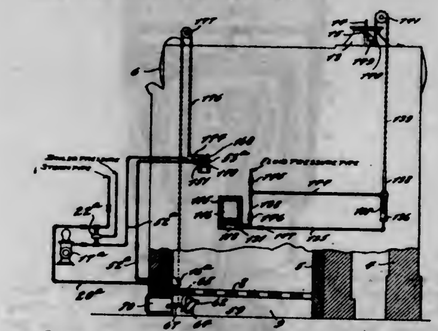
boiler will control the entrainment of fuel into said sections and whereby said fuel and steam will be converted into a combustible gas in its passage through said sections, air admission means between the discharge of said sections and said burner tubes, gas burner tubes mounted in said sections and beneath said boiler by means of which steam may be initially generated, means for automatically maintaining a fixed water level in said boiler, an automatic valve for controlling the supply of fuel to said nozzle device, said valve being in communication with the steam boiler.

1,576,752. LIQUID-DISPENSING APPARATUS. CHARLES R. MCDONALD and ALBERT E. BEVAN, Akron, Ohio. Filed Apr. 21, 1923. Serial No. 633,657. 4 Claims. (Cl. 221—97.)



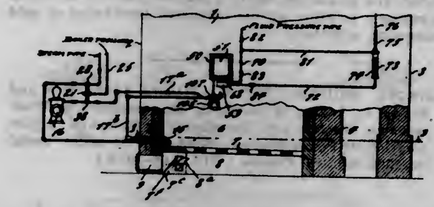
1. In liquid-dispensing apparatus, the combination of a liquid receptacle formed with a downwardly-extended well compartment; a bucket; means for raising and lowering the latter from and into said well, the receptacle being formed with a discharge opening; a pivotally-mounted cover for said opening; a pivoted frame controlled by the bucket movements for opening said cover, the latter being free to close under the force of gravity and adapted when closing to move said frame back to normal position; a lug attached to said bucket and formed with an inclined groove; and a pin fixed in the wall of said receptacle adjacent said cover in the line of movement of said lug and adapted to engage the walls of said groove to tilt the bucket upon its upward movement and to realign the bucket upon its downward movement.

1,576,753. FURNACE CONTROL. EMBURY MCLEAN, Brooklyn, N. Y., assignor to The Engineer Company, New York, N. Y., a Corporation of New York. Filed June 25, 1920. Serial No. 391,779. Renewed Apr. 22, 1925. 10 Claims. (Cl. 236—15.)



3. The method of operating a fluid fuel-fired furnace which consists in controlling the area of the distribution of air supplied to the furnace in accordance with a characteristic of the flow of fluid fuel supplied to the furnace.

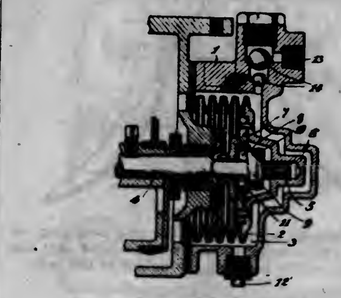
1,576,754. FURNACE CONTROL. EMBURY MCLEAN, Brooklyn, N. Y., assignor to The Engineer Company, New York, N. Y., a Corporation of New York. Filed Dec. 10, 1921, Serial No. 521,818. Renewed Apr. 22, 1925. 12 Claims. (Cl. 236—15.)



1. In a fluid fuel fired furnace in combination, means for feeding fluid fuel to the furnace, means for varying a characteristic of the flow of fluid fuel fed to the furnace, means for controlling the supply of air to the furnace for combustion, means controlled by furnace gas pressure for operating said means for controlling the supply of air, and means capable of acting in accordance with a characteristic of the flow of the fluid fuel to the furnace for varying the action of said means controlled by furnace gas pressure.

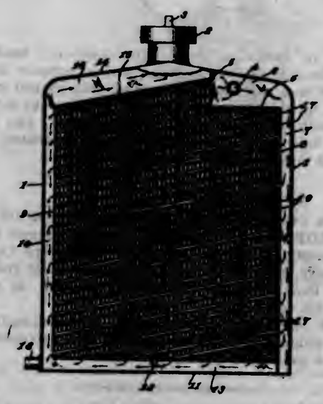
1,576,755. PUMP. ROBERT F. METCALFE, Brooklyn, N. Y., assignor to Socony Burner Corporation, Brooklyn, N. Y., a Corporation of Delaware. Filed Oct. 3, 1924. Serial No. 741,302. 8 Claims. (Cl. 103—148.)

1. In a pump having a reciprocable pumping element adapted to alternately draw in and discharge fluid, of means for moving said element in one direction of reciprocation to discharge fluid from the pump, and dominated by discharge conditions for determining the amount and speed of said movement, and means, including a cam



and a coacting ball, for moving said pumping element in the reverse direction of reciprocation to draw fluid into the pump, whereby the pumping action of said element varies in accordance with discharge condition.

1,576,756. RADIATOR FOR INTERNAL-COMBUSTION ENGINES. WELLINGTON W. MUIR, Lockport, N. Y. Filed Aug. 16, 1922. Serial No. 582,217. 6 Claims. (Cl. 251—125.)

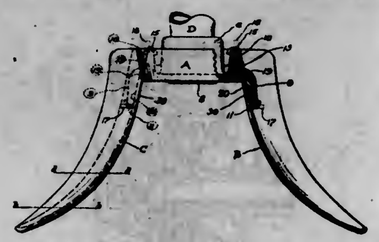


1. In a radiator the combination of an outer shell; plates located inside said shell and spaced from the opposite walls thereof to form a pair of chambers and a pair of passages joined to said chambers; an imperforate partition inside said shell separating said chamber from each other; means to conduct the fluid to be cooled into one of said chambers; a plurality of water tubes inclined to the horizontal plane joining said pair of passages; a vent leading from the other of said chambers; and means to withdraw the cooled fluid from the radiator.

1,576,757. AUTOMATIC TRAIN-PIPE COUPLING HEAD. JOSEPH V. ROBINSON, New York, N. Y. Filed Mar. 6, 1920, Serial No. 363,634. Renewed June 12, 1925. 13 Claims. (Cl. 285—58.)

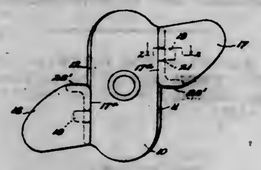
1. An automatic train pipe coupling head, comprising in combination a base having a substantially flat cou-

ping face arranged substantially at right angles to the longitudinal axis of the head, a pair of rigid guides arranged diagonally on opposite sides of said base and



extending forwardly beyond said face and diverging outwardly, said guides being formed separately of said base and means for rigidly securing the guides to the base.

1,576,758. CONNECTER HEAD. JOSEPH ROBINSON, New York, N. Y. Filed Apr. 12, 1921, Serial No. 460,775. Renewed June 12, 1925. 5 Claims. (Cl. 285—58.)



1. In an automatic train pipe connecter head comprising in combination, a base and a support integral with said base, said support having a yoke shaped forward end, the forward ends of the arms of the yoke being integral with the rear portion of the base, and guides for said base, said guides being formed separately therefrom and rigidly secured thereto.

1,576,759. CARTRIDGE WAD AND METHOD OF MAKING THE SAME. ALFONS G. SCHURICHT and GEORGE T. WRIGHT, Alton, Ill., assignors to Western Cartridge Company, East Alton, Ill., a Corporation of Delaware. Filed Feb. 25, 1924. Serial No. 695,098. 22 Claims. (Cl. 102—42.)

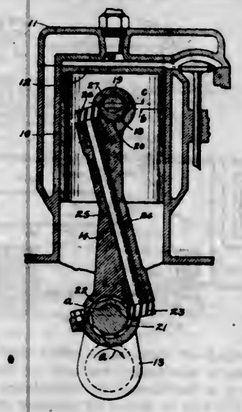
20. A cartridge wad comprising, an individually compressed mixture of bindable material and polymerized oil cemented to form a pliable article.

1,576,760. THRASHING MACHINE. FRED D. TOLLIVER, Henry, Ill. Filed May 9, 1919, Serial No. 295,884. Renewed May 3, 1924. 20 Claims. (Cl. 130—26.)



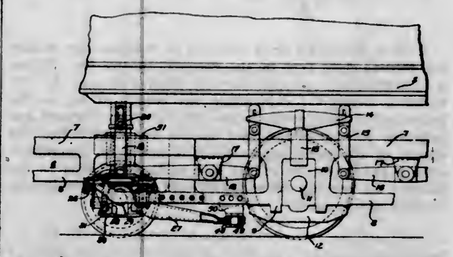
1. In a thrashing machine for handling and separating a mixture of different sizes of grains or seeds, the combination with means for separating the mixture of grains from the straw, a preliminary grain and seed separating mechanism receiving such mixture from the straw-separating mechanism and embodying means for effecting a separation of the larger grains from the smaller grains and for delivering such separated grains to different points of discharge, and grain cleaning and separating mechanisms located in position for receiving grain independently from the several discharging points of said preliminary grain and seed separating mechanism.

1,576,761. INTERNAL-COMBUSTION ENGINE. ZACHARIAH S. HOFFMAN, Irvington, N. J. Filed Nov. 25, 1924. Serial No. 752,085. 7 Claims. (Cl. 123—78.)



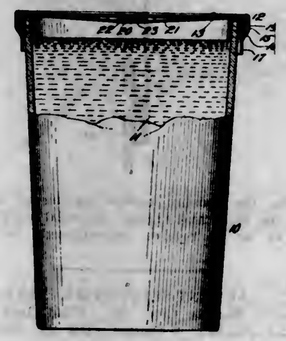
7. In a power transmitting device, the combination with a reciprocatory member, of means to which said reciprocatory member is connected, said means comprising a rotatable eccentric, a connecting structure having pivotal engagement with said eccentric to reciprocate with said reciprocatory member and whereby the relation of said structure to said reciprocatory member is varied, and means for rotating said eccentric as aforesaid including a rotating spindle extending lengthwise of said connecting structure.

1,576,762. GUIDING TRUCK. HAROLD A. HOUSTON and FRANK L. ALLEN, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 1, 1922. Serial No. 598,308. 7 Claims. (Cl. 105—174.)



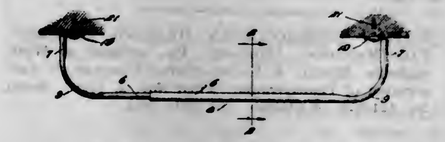
1. The combination with a locomotive cab and trucks for carrying the cab, of a radial truck having lateral restraining means between its frame and the axle thereof, said means comprising a thrust bearing located on the axle in engagement with co-operating bearing plates provided in said frame.

1,576,763. CLOSURE FOR TUMBLERS, JARS, AND OTHER RECEPTACLES. HARRY INGRAM, Brooklyn, N. Y. Filed Feb. 4, 1924. Serial No. 690,376. 8 Claims. (Cl. 215—56.)



1. A closure for sealing tumblers and other receptacles comprising a cap of disk outline having a skirt portion and formed in its top with an outlet hole and said top about said hole being capable of limited vertical flexion, and a sealing surface supported closely below the top of the cap at said hole for sealing the same, said top under the force of pressure generated within the receptacle being adapted to flex upwardly from said sealing surface to open said hole for the relief of said pressure and to thereafter engage said surface for sealing said hole.

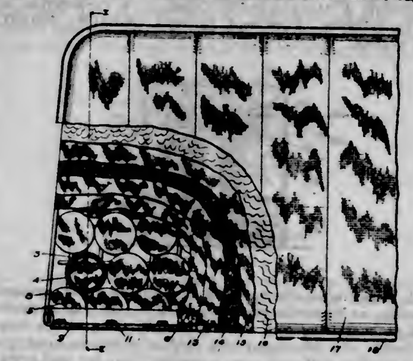
1,576,764. CURTAIN ROD. WILLIAM C. KENNEY, Cranston, R. I., assignor to Kenney Manufacturing Company, a Corporation of Rhode Island. Filed Nov. 13, 1924. Serial No. 749,627. 4 Claims. (Cl. 156—22.)



1. The combination of a curtain rod comprising a flat body and lateral inturned flanges oppositely disposed on the inner face thereof, an inwardly directed projection upon the body, an attaching plate, a flat lateral lug upon the plate disposed at right angles thereto slidably engaged in the flanges, and a transversely disposed shoulder upon an intermediate portion of the lug adapted to engage the projection.

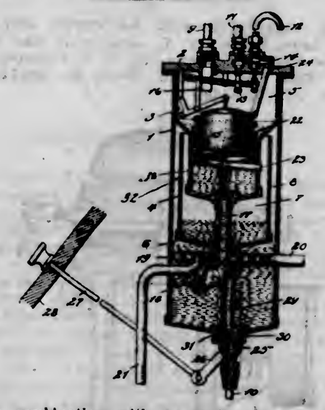
1,576,765. SEAT STRUCTURE. FRED B. KING, Toledo, Ohio, assignor, by mesne assignments, to The Willys-Overland Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 3, 1919. Serial No. 328,116. 5 Claims. (Cl. 155—181.)

1. In a spring seat structure having a plurality of coil springs and a cushion supported thereby, a border frame for said seat comprising a wire bent to extend across the back and the two ends of said seat and a flat metal strip extending across the front of said seat, said strip having its ends secured to the ends of said wire and having a bead formed thereon at its front edge,



thereby increasing its stiffness and providing a rounded edge substantially throughout its length to engage an upholstery covering.

1,576,766. HYDROCARBON-SUPPLY APPARATUS FOR INTERNAL-COMBUSTION ENGINES. VALENTINE C. KLOEPPEL, St. Louis, Mo., assignor of one-half to Ralph Kalish, St. Louis, Mo. Filed July 2, 1921. Serial No. 482,291. 7 Claims. (Cl. 123—127.)

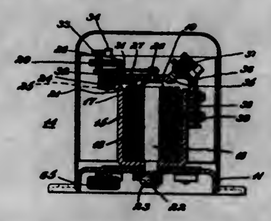


2. In combination with an engine of internal combustion type, a hydrocarbon supply apparatus comprising a tank having a hydrocarbon containing chamber adapted for hydrocarbon supply communication with the engine, a heating coil having communication with the engine exhaust and disposed in the tank for vaporizing some of the hydrocarbon of said chamber, a second chamber within the tank also adapted for hydrocarbon supply communication with the engine and having communication with the first chamber for receiving condensing vapors therefrom, and means for controlling hydrocarbon supply communication selectively between the tank or shell and the engine.

1,576,767. PROTECTION OF PIPES BY USE OF LATEX. CHAUNCEY C. LOOMIS, Yonkers, and HORACE E. STUMP, Brooklyn, N. Y., assignors, by mesne assignments, to The Hevea Corporation, a Corporation of New York. Filed Apr. 21, 1923. Serial No. 633,776. 2 Claims. (Cl. 91—70.)

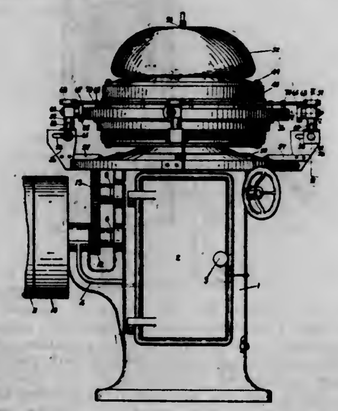
1. The process of protecting pipes, which comprises, coating them internally with latex and coagulating the latex to form a rubber coating.

1,576,768. VOLTAGE-REGULATOR SYSTEM. WARREN P. LOUDON, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 12, 1921. Serial No. 500,247. 7 Claims. (Cl. 171—222.)



1. A regulator comprising a base having a yoke secured thereto, an electromagnet within said yoke and comprising an energizing coil, a series compensating coil, a magnetizable core associated with said coils and an armature co-operating with said core, a flexible hinge for said armature secured to the yoke, a stud mounted within said armature and adapted to engage said core, a spring engaging said stud, an adjustable tension screw therefor, a U-shaped bimetallic support for said screw and also constituting a fulcrum for said spring, a contact member carried by said armature, a second contact member co-operating therewith and adjustable supporting means for said second contact member also secured to said yoke.

1,576,769. MACHINE FOR GRINDING ROLLERS. HANS LUTZ, Elmira, N. Y., assignor to The Willys-Morrow Company, Elmira, N. Y., a Corporation of Ohio. Filed May 29, 1919. Serial No. 300,713. 20 Claims. (Cl. 51—130.)



1. In a grinding machine, an upper grinding member, a lower grinding member, means for rotating said members in opposite directions, a roller retaining member having a portion thereof interposed between the adjacent surfaces of the grinding members, and means independent of the grinding members for guiding the retaining member in a path eccentric to the path of movement of the grinding member.

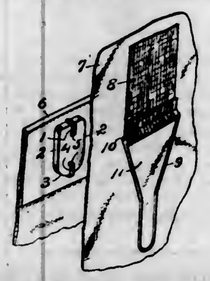
1,576,770. SUSPENDERS. JOHN C. MABRY, Kansas City, Mo. Filed July 24, 1923. Serial No. 653,504. 1 Claim. (Cl. 241—25.)

In suspenders, a trouser attaching device comprising a base plate having a laterally extending ear provided with an edge notch, and having two reversely turned tongues, and a pin clamped under said tongues and disposed in said notch, and a housing member longitudinally slidable on said base plate over said ear and said pin and adapted to be moved to cover and uncover the point



of said pin, the housing member having an opening for receiving the shirt and trouser material with the latter disposed so as to receive therethrough the point of said pin.

1,576,771. GARMENT-SUPPORTING DEVICE. JOHN C. MABRY, Kansas City, Mo. Filed July 14, 1924. Serial No. 725,890. 5 Claims. (Cl. 24—245.)



1. A button of the kind described comprising an oblong flat flexible body having a rounded end edge and parallel side edges merging into said end edge and having through the body from side to side two holes respectively adjacent to the ends of the body adapted to receive fastening means.

1,576,772. THERMOCOUPLE HEATING ELEMENT. PAUL MACGAHAN, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 2, 1920. Serial No. 421,254. 6 Claims. (Cl. 201—63.)

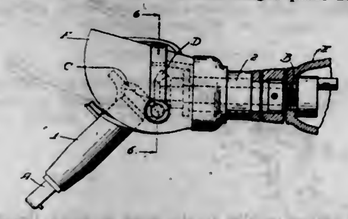


1. An article of manufacture comprising a single integral body of high-resistance conducting material and a filamentary coating of relatively low-resistance material intimately engaging the same and extending therealong from each terminal thereof to a position spaced from the other coating to provide a concentrated heat zone spaced from said terminals between the coatings.

1,576,773. JOINTED DRIVE SHAFT. MICHAEL W. MCARDLE, Chicago, and HORACE C. WRIGHT, Oak Park, Ill., assignors to Chicago Flexible Shaft Company, a Corporation of Illinois. Filed Nov. 14, 1925. Serial No. 68,983. 4 Claims. (Cl. 74—101.)

1. A casing for a jointed power shaft comprising two parts hinged together and separable by axial movement of one part with respect to the other, said parts having

inter-membering features which prevent such axial separation through a portion of the angular range of positions permitted by the hinged connection, said features being disengageable only when the hinged parts are sub-

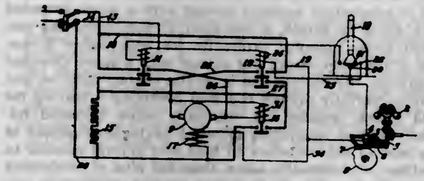


stantially aligned and a yoke attached by its ends at the hinge axis, and having a portion interposed between the two members to block them apart and prevent their alignment.

1,576,774. PRODUCT FOR CLEANSING THE SKIN. GEORGE MCGRAW, New York, N. Y., assignor to The Oakland Chemical Company, New York, N. Y., a Corporation of New York. Filed Aug. 20, 1923. Serial No. 658,251. 1 Claim. (Cl. 167—9.)

A cosmetic paste for external use, comprising a mixture of hydrogen peroxide and a vegetable flour.

1,576,775. SYSTEM OF CONTROL. RALPH W. MCNEILL, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 8, 1921. Serial No. 435,787. 8 Claims. (Cl. 172—152.)



1. The combination with a motor-operated reciprocating device and speed-governed means for limiting the rate of operation thereof, of means comprising said limiting means for restricting the operation of the device to a predetermined range of movement.

1,576,776. CONVERSION OF CUPROUS MATERIALS. MARION H. MERRISS, Westbury, N. Y., assignor to Nichols Copper Company, New York, N. Y., a Corporation of New York. Filed Aug. 1, 1925. Serial No. 47,638. 12 Claims. (Cl. 75—62.)

1. The method of treating black copper or the like materials embodying impurities which are largely in metallic form to obtain blister copper directly therefrom, which comprises preliminarily heating the mass of black copper or the like until it is at least partially melted, then blowing air therethrough, controlling the quantity and pressure of the air to effect rapid oxidation of the impurities, and relying substantially upon the heat produced by such oxidation for producing blister copper from the mass.

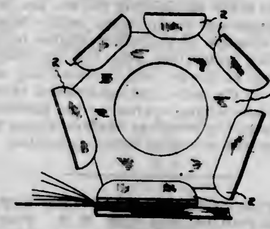
1,576,777. MOP CLOTH. WILLIAM J. MOORE, Philadelphia, Pa. Original application filed May 8, 1923, Serial No. 636,788. Divided and this application filed Sept. 23, 1924. Serial No. 739,256. 1 Claim. (Cl. 15—229.)

A mop-cloth comprising strands; a flexible band embracing the strands midway of their length, said band being secured to said strands by rows of stitching along the edges of said band and by two rows of stitching extending parallel to each other through the center of said band and strands; a core positioned between said central parallel rows of stitching, said band and strands being folded over said core; a row of stitching extend-



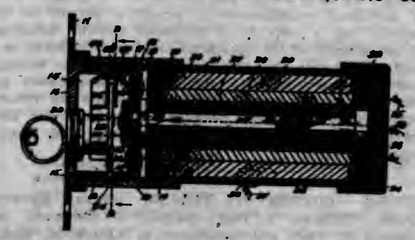
ing through said folded band and strands adjacent said core; a row of stitching extending through said band and strands adjacent the edges of said band; and eyelets extending through said band and strands between said last-mentioned rows of stitching.

1,576,778. MOUNTING FOR RUBBER STAMPS AND THE LIKE. HAROLD P. MORTON, Toronto, Ontario, Canada. Filed July 7, 1925. Serial No. 42,098. 4 Claims. (Cl. 101—109.)



4. A polylateral plate-like holder and a plurality of stamps secured about its periphery with their faces lying in planes at right angles to the holder, or approximately so, thus enabling the device to be used with the holder in upright or approximately upright position, said holder having a substantially centrally arranged opening of sufficient size for the passage of the fingers of one hand, that portion of the holder between the opening and the stamps forming a comparatively narrow continuous grip adapted to be engaged adjacent the stamps between the fingers extending through said opening and the opposed thumb, the forward end of each stamp being bevelled forwardly and extending beyond the end of the side of the holder to which it is secured.

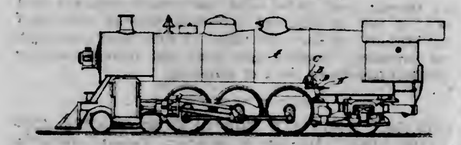
1,576,779. BURGLARPROOF INDUCTION COIL. HOWARD J. MURRAY, New York, N. Y. Filed Oct. 11, 1921. Serial No. 507,011. 13 Claims. (Cl. 175—360.)



1. In an induction coil unit, the combination of cylindrical metallic burglar proof casing open at opposite ends and provided with a barrier for dividing the casing into a circuit closer containing compartment and into a

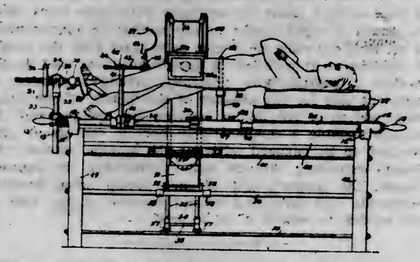
coil receiving compartment, an induction coil having one end fitted in said coil receiving compartment and projecting therefrom, said coil including a core bolt with one end secured to said barrier, means accessible through the open end of the circuit closer containing compartment for locking the bolt in place, said barrier provided with an opening extending therethrough, a circuit closer disposed within the circuit closer containing compartment for controlling the coil, a conductor leading from the primary windings of the coil through said opening to the circuit closer and a burglar proof closure for the open end of the circuit closer containing compartment.

1,576,780. METHOD OF STEAMING LOCOMOTIVES. SPENCER OTIS, Chicago, Ill. Filed Nov. 9, 1921. Serial No. 513,985. 1 Claim. (Cl. 122—36.)



In a steam locomotive, a fire box, a boiler constructed in part around the fire box, an injector located in the portion of the boiler surrounding the fire box, in position to induce circulation of the boiler water through said portion, and standing in propelling relation to the water, and means for connecting said injector with an extraneous source of steam; said injector being submerged in the water of the boiler and constructed to admit the boiler water into mixing relation to the admitted steam, and to discharge the resultant mixture within the boiler and in a direction to induce boiler circulation.

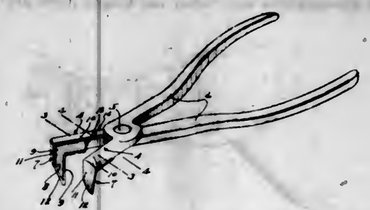
1,576,781. FLUOROSCOPIC FRACTURE APPARATUS. HERMAN B. PHILIPS, New York, N. Y. Filed Apr. 22, 1924. Serial No. 708,108. 2 Claims. (Cl. 250—84.)



1. Apparatus for making fluoroscopic observations which include transformers arranged with their axes at an angle to each other, and screens to co-operate with the individual transformers to permit a patient to be observed from a plurality of directions without changing the adjustment of the apparatus, said screens being secured together at an angle, one of said screens having movable engagement with one of the transformers to permit the screens to be nested close against the transformer or to be moved outwardly therefrom for the taking of observations in conjunction with said transformers.

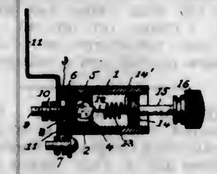
1,576,782. COTTER-PIN PULLER. HENRY ERNEST PIEH, Williston, N. Dak., assignor of one-fourth to George H. Pieh and one-fourth to Lillian M. Pieh, both of Minneapolis, Minn. Filed Mar. 27, 1925. Serial No. 18,744. 1 Claim. (Cl. 29—86.2.)

A cotter pin puller comprising a pair of handle-equipped pivotally connected jaws having at their outer ends a laterally projecting relatively sharp bill, the inner faces of the jaws and bill being recessed to leave contacting relatively sharp marginal clamping edges, certain of



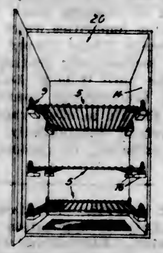
which extend parallel to the plane in which the opening and closing movements of the jaws take place and certain others of which extend transversely thereof.

1,576,783. RADIODETECTOR. JOHN B. PITTS, Winnetka, Ill. Filed Jan. 31, 1925. Serial No. 5,983. 2 Claims. (Cl. 250—31.)



1. In a radio detector, the combination of a main casing of conducting material formed with a screw threaded bore along its length, a container of non-conducting material screw threaded externally for engagement in one end of the main casing and formed with a screw threaded cavity for the reception of a crystal contact member and with a centrally orificed end wall providing a bearing for said crystal member, an externally screw threaded follower head of conducting material having engagement in the bore of the container to hold said crystal member in position, an externally screw threaded plug of conducting material carrying an electrical contact member in operative relation to the crystal member and formed with a screw threaded periphery in adjustable engagement with the bore of the main casing, a terminal member connected to the main casing, and a companion terminal member connected to the aforesaid follower head of the container.

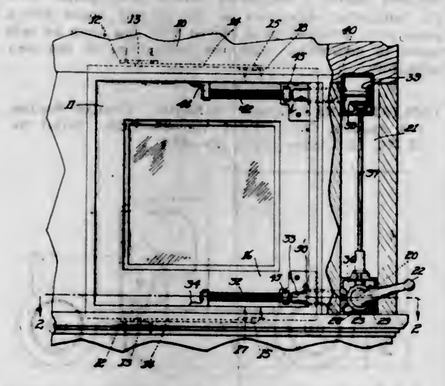
1,576,784. ANT-PROOF SHELVING. FRED E. PLANETT, Oakland, Calif. Filed Mar. 23, 1925. Serial No. 17,582. 7 Claims. (Cl. 43—109.)



3. An ant proof shelf device, comprising a shelf having hangers attached thereto, containers adapted to surround the lower part of said hangers, and means for supporting the said hangers and containers; each of the hangers being U-shaped with the lower part thereof

below the shelf and the upper part above the shelf, and said upper part provided with an eye to receive the said supporting means, and the top part of each of the containers also provided with an eye to receive the same supporting means, and each container being of such depth so as not to contact the end of the hanger.

1,576,785. SASH-OPERATING DEVICE. WILLIS E. PUTNAM, Worcester, Mass. Filed Sept. 2, 1924. Serial No. 735,255. 6 Claims. (Cl. 268—14.)



1. In a sash operating device, the combination with a casing and sash, of two screws located constantly in horizontal position at the top and bottom of the casing for simultaneously and equally moving the top and bottom of the inner edge of the sash away from the adjacent edge of the casing, means for actuating said screws, and means acting directly on the top and bottom of the outer end of the sash for swinging it outwardly.

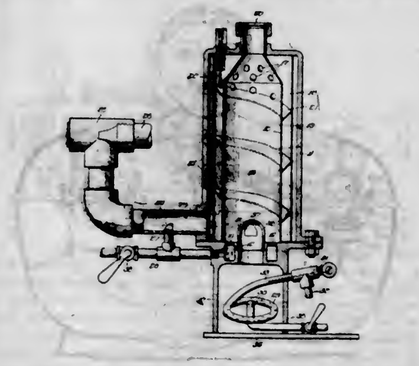
1,576,786. ELECTRIC BATTERY. WELLINGTON J. QUIRK, Chicago, Ill. Filed Mar. 23, 1925. Serial No. 17,635. 3 Claims. (Cl. 136—170.)



1. An electric battery including a jar, a cover for the jar, battery electrodes extending through the cover from the interior of the jar to the exterior of the battery said cover having a vent formed therethrough and being continued at the vent above the top side of the cover, the cover having a cavity in its bottom side between the electrodes and at which the vent commences.

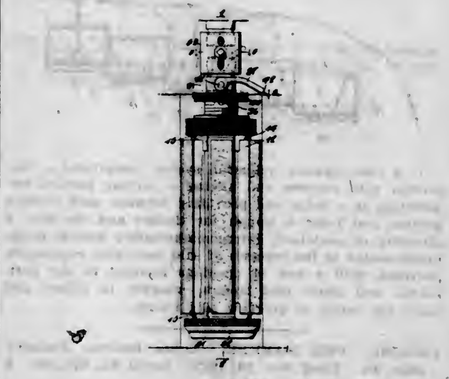
1,576,787. METHOD OF PRODUCING GAS. GEORGE L. REICHHELM, New York, N. Y., assignor to The Gasifier Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Nov. 15, 1920. Serial No. 424,069. 14 Claims. (Cl. 48—212.)

4. The method of producing gas from hydrocarbon fuel consisting in vaporizing the fuel and causing a gravitational movement in a constantly changing direction, free of abrupt bends, of said vaporized fuel in and by a vehicle



of combustion gas while said vaporizing is being accomplished to prevent the deposit of carbon.

1,576,788. CYLINDER HONE OR LAPPING TOOL. THEODORE RESTEL, Cleveland, Ohio. Filed Mar. 1, 1924. Serial No. 696,206. 5 Claims. (Cl. 51—206.)

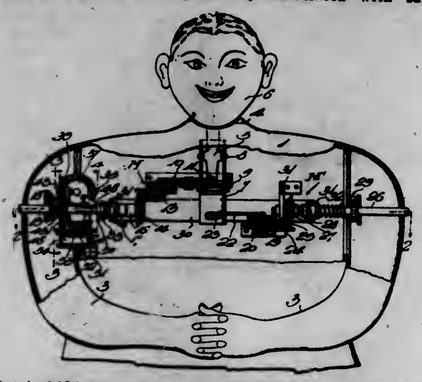


1. A cylinder hone comprising a slotted stock, a pair of longitudinally alined expanding members, a slotted sleeve connecting said members, a transverse pin carried by the stock and extending through the slotted sleeve, a coil spring arranged within the sleeve between said pin and one end of the sleeve, a set of radially adjustable stone carrying shoes mounted upon the stock, and portions carried by the shoes to engage the expanding members and adjust the stones upon axial movement of the members.

1,576,789. MECHANICALLY-OPERATED FIGURE TOY. ROBERT H. ROBERTSON, Bangor, Me. Filed July 9, 1925. Serial No. 42,551. 4 Claims. (Cl. 46—40.)

1. A toy comprising a body having a pivoted arm and a head, the latter being mounted on both vertical and horizontal axes, means for moving said head on its vertical axis, means for moving said head on its horizontal axis, driving mechanism for both of said means operatively connected to said arm to be actuated thereby and includ-

ing a clutch for each of said means, clutch-shifting means operatively connected with said arm for actuation thereby, a chance device operatively associated with said



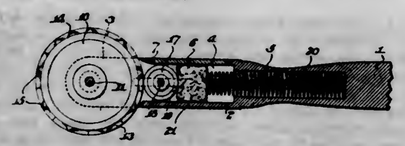
clutch-shifting means for controlling the latter, and means operatively connected with said arm for actuating said chance device.

1,576,790. IRRIGATION SYSTEM. GEORGE ROESSNER, Los Angeles, Calif. Filed Jan. 21, 1925. Serial No. 3,781. 2 Claims. (Cl. 61—13.)



1. A subterranean irrigation system comprising a base formed with recesses and having a curving portion terminating in a ledge and providing between such curving portion and ledge a trough for cinders and the like, a plurality of conjoined, intercommunicating hollow receptacles seated in the recesses of said base, said receptacles provided with a row of openings inclined to the horizontal, and above said trough, whereby to collect and cause the water to overflow said trough.

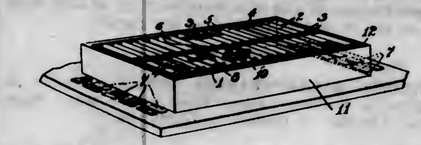
1,576,791. FUR MARKER. LOUIS ROSNER, Philadelphia, Pa. Filed Nov. 16, 1923. Serial No. 675,049. 5 Claims. (Cl. 101—328.)



1. An instrument of the character described comprising a handle, a marking device connected therewith, a holder for a pulverulent marking substance, and a roller for abrading said substance and distributing it to said marking device.

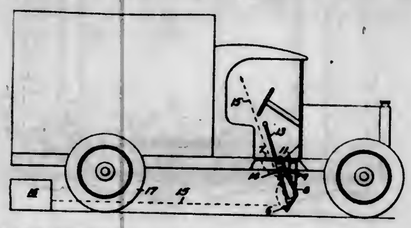
1,576,792. GAME APPARATUS. ROBERT L. ROSS, Indianapolis, Ind. Filed Nov. 27, 1925. Serial No. 71,541. 3 Claims. (Cl. 273—94.)

1. A game apparatus comprising a playing board having on its surface indicia comprising a series of parallel lines extending transversely thereof uniform distances apart to indicate a foot ball field and having at each end thereof a plurality of indicating characters, of a series of play indicators provided in duplicate each indicator having indicia thereon to indicate a play and having at



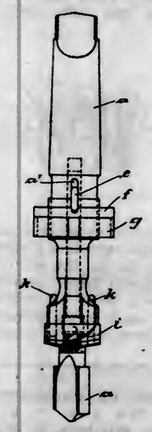
one end thereof a column of indicia to co-operate with the indicating characters on the playing board and a game piece arranged to be moved back and forth on said board in accordance with the indications of the play indicators.

1,576,793. REAR-VISION MIRROR. LUTHER SADLER, Los Angeles, Calif. Filed Apr. 25, 1925. Serial No. 25,779. 3 Claims. (Cl. 45—97.)



3. The combination with a vehicle having an opening in the floor thereof, of a door movable to open and close the opening, a rear view mirror mounted below the floor and visible through the opening when open, said mirror being movable from operative to inoperative position and means connecting the door and the mirror whereby the door and the mirror are moved together to simultaneously open the door and place the mirror in operative position and vice versa.

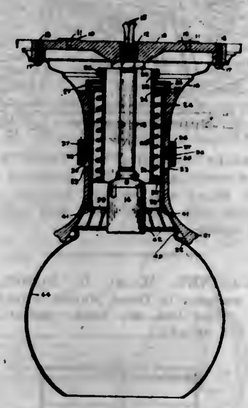
1,576,794. DRILLING TOOL. WILHELM SASSE, Spandau, Germany. Filed July 7, 1925. Serial No. 41,953. 2 Claims. (Cl. 77—65.)



1. A drilling tool comprising disc-shaped drilling cutter, a holder for said drilling cutter, an anchoring bolt inserted into an axial bore of said holder and having a collar for detachably securing said drilling cutter

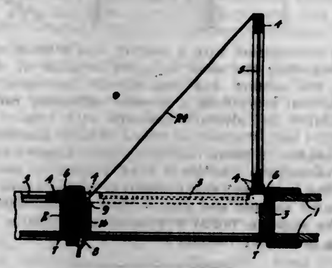
to said holder in a central position therein, a key and a nut provided on said anchoring bolt for fastening the latter to said holder, an advance cutter fastened to said anchoring bolt, said advance cutter being of non-circular cross-sectional configuration and engaging a similar bore in said drilling cutter.

1,576,795. DECK-LAMP LIGHTING FIXTURE. EDWARD J. SCHROEDER, Summit, N. J. Filed Mar. 8, 1923. Serial No. 623,575. 4 Claims. (Cl. 240—78.)



1. In a lighting fixture a spider adapted to be rigidly secured to the ceiling, a canopy rigidly secured to said spider, spring clamping fingers mounted in said canopy under constant spring tension upwardly against the lower part of said canopy, and means on the outside of said canopy for releasing said spring clamping members and a socket support rigidly secured to said spider within said canopy.

1,576,796. CONTROLLING DEVICE FOR CASEMENT WINDOWS. ANDREW SCHUEHLE, Minneapolis, Minn. Filed Feb. 23, 1923. Serial No. 620,722. 14 Claims. (Cl. 268—15.)



1. The combination with a hinged window and the casement thereof, said casement having an opening therethrough of substantially uniform cross section, of a rectilinear plunger extending through and slidable in said opening in said casement and adapted to abut said window adjacent its free edge whereby said window can be pressed outwardly to partially open position by said plunger.

1,576,797. PRECISION MEASURING INSTRUMENT. GEORGE SCHUSTARICH, Chicago, Ill. Filed June 11, 1924. Serial No. 719,301. 15 Claims. (Cl. 33—165.)



5. In an instrument of the type described, a main staff provided with a longitudinally arranged scale, a normally stationary jaw, means for securing said jaw to said staff, a micrometer mechanism, a carriage for said mechanism slidingly mounted on said staff, means for clamping said carriage to said staff, said micrometer mechanism comprising a tubular headstock secured to the aforesaid carriage, a revoluble sleeve mounted for rotation in said headstock, a micrometer screw having fixed axial attachment in said sleeve, a tubular head sliding in said sleeve and having screw threaded engagement with the micrometer screw, the aforesaid sleeve, headstock and tubular head carrying a plurality of scales reading in opposite directions, a travelling jaw having a carriage slidingly mounted on the main staff, and means for attaching said tubular head to the travelling jaw in a manner permitting a turning adjustment of the tubular head.

1,576,798. WEED PULLER. PETER P. SPIEGEL, Kansas City, Mo. Filed Sept. 8, 1925. Serial No. 55,030. 6 Claims. (Cl. 55—68.)



2. A tool of the character described consisting of a staff, a tubular member fixed to the lower end of said staff and terminating at its lower end in a fixed jaw, a movable jaw operably connected to said fixed jaw, and a lever for actuating said movable jaw.

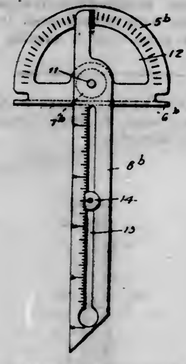
2. A tool of the character described consisting of a staff, a member fixed to the lower end of said staff and embodying a fixed jaw, a movable jaw operably connected to said fixed jaw, a lever for actuating said movable jaw, and a bracket secured to the staff and to which said lever is fulcrumed.

1,576,799. ELECTRIC SWITCH. JOSEPH S. THOMPSON, San Francisco, Calif. Filed May 11, 1925. Serial No. 29,282. 7 Claims. (Cl. 200—166.)



1. In an electric switch, a pair of spaced contacts, and a contact element intermediate said spaced contacts comprising two adjacent plates, means between the same normally urging said plates apart and means limiting the separation of the same said plates being supported to permit a limited vertical and horisontal movement.

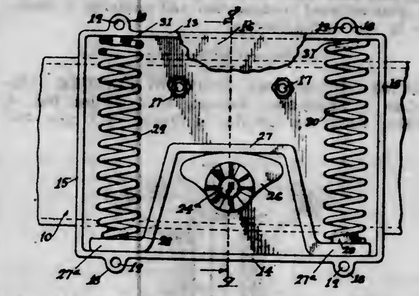
1,576,800. COMBINATION PROTRACTOR AND COMPASS. HENRY TIBONY, New York, N. Y. Filed Nov. 21, 1923. Serial No. 676,078. 1 Claim. (Cl. 33—75.)



In a universal gauge; a semi-circular plate having a substantially rectangular flange along the straight edge thereof and the central portion of the plate being depressed below the upper face of the marginal portion; a blade having a free end, a finger end, a graduated scale, and a longitudinal slot terminating in an enlarged aperture; an index member slidably mounted in the said slot and provided with an opening adapted to receive marking means; and means for pivotally attaching the said blade to the said plate comprising a pin having a tapered lower extremity and a threaded top portion, and a threaded thumb nut adapted to engage with the said top portion of the said pin.

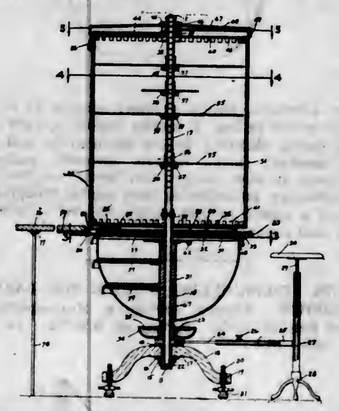
1,576,801. COMBINED SHOCK ABSORBER AND SNUBBER. HAROLD A. ADAMS, East Bakersfield, Calif., assignor of one-fourth to John Nelson and one-fourth to C. R. Dougherty, both of Bakersfield, Calif., and one-fourth to O. R. Dunbar, Long Beach, Calif. Filed June 9, 1924. Serial No. 718,791. 5 Claims. (Cl. 267—9.)

1. A combined shock absorber and snubber comprising a housing adapted to be mounted upon the frame of a vehicle, a cam shaft having a cam thereon rotatable in said housing, a movable member disposed within said housing and extending across said cam shaft adjacent said cam, compression springs disposed within said housing and engaging said movable member upon opposite sides of said cam shaft, a crank rigid with said cam



shaft, and means connecting said crank to an axle of the vehicle whereby any relative movment between the axle and the frame will produce rotation of said cam shaft and cause said cam to move said movable member against said springs.

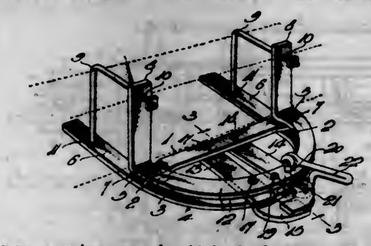
1,576,802. CABINET. HARRY D. ALFREY, Crawfordsville, Ind., assignor to Dema Martin Alfrey, Crawfordsville, Ind. Filed Oct. 30, 1922. Serial No. 597,852. 1 Claim. (Cl. 45—16.)



The combination with a cabinet, and a table, of means for connecting the same to allow rotation of the table about the cabinet and also pivotal movement toward the cabinet, comprising a member extending radially of the cabinet and pivotally mounted with respect thereto, a support extending similarly and slidably associated with said member, a hinge connecting said support and table and transversely positioned with respect to the pivotal axis, and a pin and slot connection between said slidably associated member and support for simultaneously securing the same in radial alignment and limiting relative sliding movement thereof.

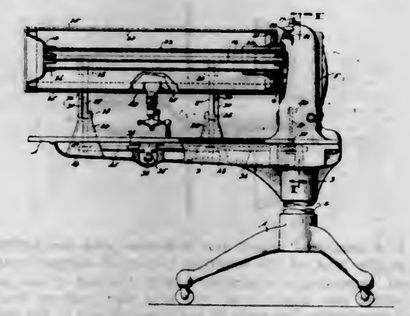
1,576,803. VEHICLE COUPLER. EDWIN B. ANDERSON, Taunton, Minn. Filed Aug. 3, 1925. Serial No. 47,892. 2 Claims. (Cl. 280—33.15.)

1. A vehicle coupler comprising a horisontal transverse bar, upper and lower U-shaped bars disposed in spaced horisontal planes and having their arms longitudinally disposed and secured to the upper and lower sides of said transverse bar, the arm-connecting portions of said U-shaped bars being horizontally spaced from said transverse bar, a pair of horisontal hook shanks passing between said arm-connecting portions of said U-shaped bars and having co-acting hooks at their outer ends,



means securing one of said hook shanks to all of said bars, means pivoting the inner end of the other shank to said transverse bar, and a locking pin for normally holding said other shank against pivotal movement, said arm-connecting portions of the U-shaped bars having openings to receive said pin.

1,576,804. IRONING MACHINE. THOMAS J. ARERON, Detroit, Mich., assignor to The Perfection Appliance Co., Detroit, Mich., a Corporation of Michigan. Filed May 16, 1923. Serial No. 639,275. 7 Claims. (Cl. 68—9.)

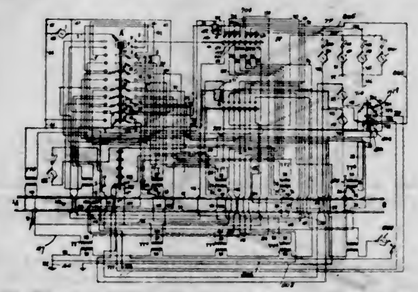


1. An ironing machine comprising a driven revoluble roll, a tiltable ironing shoe movable toward and from the roll, levers upon which the shoe is pivotally mounted, an equalizing bar having its ends universally connected to said levers, and resilient means actuating the equalising bar, whereby the shoe is yieldably held against the roll for swinging movement about horisontal and transverse axes to adapt itself to varying thicknesses of material being ironed.

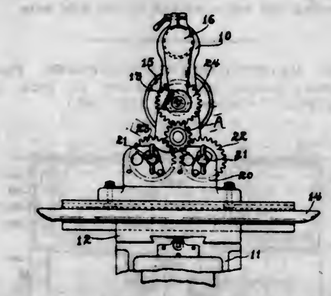
5. An ironing machine including a casing, a hollow stud protruding from said casing, a power driven shaft protruding from said casing through said stud and having an outer free end, a tube fixed in said stud and through which extends said shaft, and a roll about said tube, said roll having its outer end rotatably supported on said tube and driven from the free end of said shaft said roll having its inner end rotatably supported on the hollow stud of said casing.

1,576,805. CONTROL OF TRAINS. ARTHUR REGINALD ANGUS, Westminster, London, England. Filed Dec. 22, 1921. Serial No. 524,228. 11 Claims. (Cl. 246—63.)

11. Electrical train-controlling apparatus comprising an electromagnetic device adapted when de-energised to allow its movable part to produce a danger-indicating operation, energising means for energising said electromagnetic device, an electrically operatable line-clear indicator, and means adapted to enable said movable part, when said electromagnetic device is de-energised, to complete a current path including said line-clear indicator and adapted when completed to connect said line-clear indicator in circuit with said energising means so that on the subsequent energisation of said electromagnetic device said line-clear indicator will be operated by current flowing through said path from said energising means, said current path being adapted to be broken after the energisation, and until the next de-energisation, of said electromagnetic device, substantially as described.

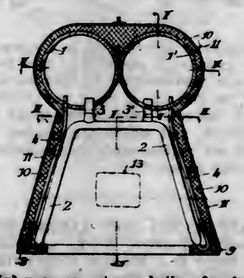


1,576,806. METHOD OF BURNISHING GEARS. BRYANT H. BLOOD, Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 6, 1922. Serial No. 599,315. 8 Claims. (Cl. 29—90.)



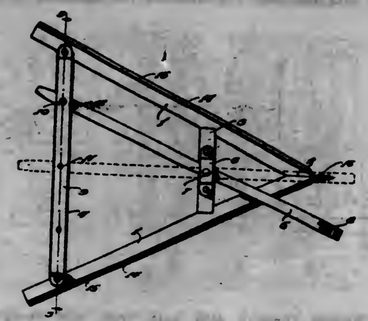
1. The process of burnishing gears comprising running said gear while in mesh with a burnisher, said gear and burnisher being of slightly different normal pitch.

1,576,807. HIGH-PRESSURE STEAM BOILER FOR LOCOMOTIVES. JACOB BUCHLI, Winterthur, Switzerland. Filed June 29, 1925. Serial No. 40,299. 4 Claims. (Cl. 122—235.)



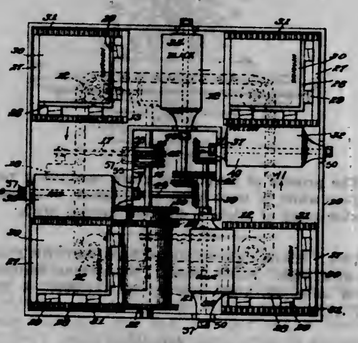
1. In a high-pressure steam boiler for locomotives, a water tube of substantially inverted U-shape for spanning the fire box and having an extension to its shanks bent substantially parallel to and protected by the shanks and a short tubular branch on said tube between the shanks.

1,576,808. ROAD GRADER. WILLARD G. BUNNELL, Gillette, Wyo. Filed Apr. 8, 1925. Serial No. 21,650. 2 Claims. (Cl. 37—171.)



1. A machine for the purpose set forth comprising divergent side bars having abutting front ends, braces extending between the side bars, means connected with the braces for applying propelling force to the side bars, and blades secured to the outer faces of the side bars and extending the full length thereof, the lower edges of the blades being turned outwardly and sharpened and the front extremities of the blades being secured together in abutting relation in advance of the side bars on a line bisecting the angle defined by the side bars.

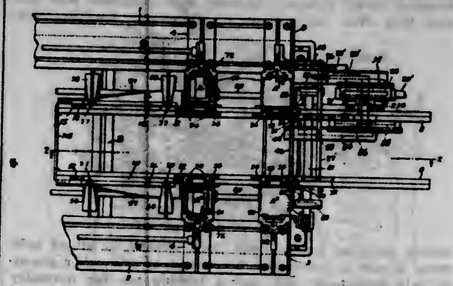
1,576,809. MULTICOLOR PRINTING PRESS. FRANK P. CAMPBELL, Tuxedo, Md. Filed Oct. 31, 1924. Serial No. 747,085. 7 Claims. (Cl. 101—186.)



1. In a multi-color printing press a rectangular track, an impression cylinder, a plurality of type frames moving successively past said cylinder on said track, a plurality of sources of ink differing in color, controlling means for causing ink of one color only to be applied to each type frame respectively, and means for causing the type on each frame to act on the paper on the impression cylinder, substantially as set forth.

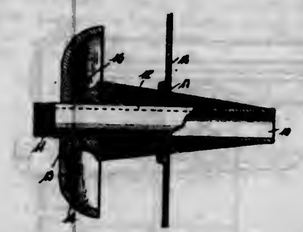
1,576,810. APPARATUS FOR MAKING BOXES. ROBERT G. CLARK, Brooklyn, N. Y., assignor to Liberty Automatic Paper Box Machine Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Oct. 10, 1923. Serial No. 667,614. 101 Claims. (Cl. 93—41.)

1. In apparatus for making boxes of the character specified, means to cut a portion from the corners of a blank to arrange the blank with side and end flap portions; means to feed the blank to and deliver the same from the said corner cutting means, means to bend up the opposite side flap portions as the blanks are delivered



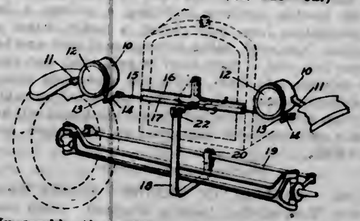
from the corner cutting means, and means to which the blanks are fed from the side flap bending means to bend up the opposite end flap portions of the blank.

1,576,811. COMBINED NOZZLE AND DEFLECTING RING. VENUS H. CLARK, Alliance, Nebr. Filed Nov. 16, 1923. Serial No. 675,187. 4 Claims. (Cl. 226—67.)



1. A combined nozzle and deflecting ring for refilling a supply tank of the watering system of railway equipment, consisting of a pipe exteriorly threaded at one end, a rubber cone mounted on tthe said pipe with its larger end terminating inwardly of the threaded end of the pipe, and a deflecting ring mounted on the pipe in the space between the threaded end thereof and the larger end of the said cone.

1,576,812. HEADLIGHT DIRECTOR. JOHN V. CUNNIFF, Graham, Calif., assignor of one-half to Martin Kroeger, Los Angeles, Calif. Filed Mar. 10, 1925. Serial No. 14,462. 5 Claims. (Cl. 240—62.)



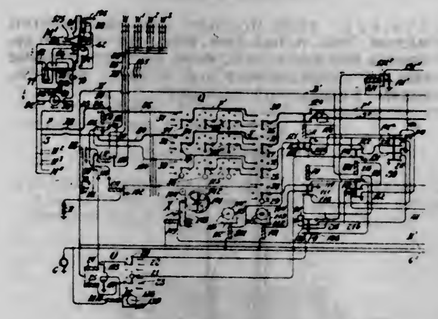
1. In combination with a vehicle, a transverse link associated with the headlights of the vehicle capable upon lateral movement of directing the light thrown therefrom, a lever mounted upon the steering mechanism of the vehicle, a member pivoted upon said link adapted to engage upon said lever, and means for detachably maintaining said member in engagement with said lever whereby said headlights may be controlled by said steering mechanism.

1,576,813. CONCRETE STRUCTURE. DANIEL CHARLES DAVIES and ARTHUR HAROLD THOMAS, Melbourne, Victoria, Australia. Filed Apr. 14, 1924. Serial No. 706,531. 2 Claims. (Cl. 72—1.)



1. In improvements on concrete structures means for holding two or more slabs together, said means consisting in forming ribs on one face of each slab, embedding bars in the mass during the manufacture of the slab, turning the ends of each bar outwardly to enter said rib, forming holes in said bar and said rib and passing bolts or other holding devices therethrough.

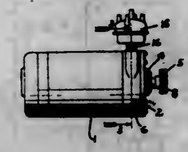
1,576,814. AUTOMATIC TELEPHONE SYSTEM. FRANCIS W. DUNBAR, Chicago, Ill., assignor, by mesne assignments, to Kellogg Switchboard & Supply Company, a Corporation of Illinois. Filed Feb. 18, 1908. Serial No. 416,607. 49 Claims. (Cl. 179—17.)



1. A telephone exchange system comprising a telephone line; a line selecting switch including movable contacts some of which have primary and secondary movements; primary and secondary relays for controlling said primary and secondary movements respectively; primary and secondary off-normal switch contacts actuated upon said primary and secondary movements respectively; an initial energizing circuit for said primary relay including primary off-normal switch contacts; a maintaining circuit for said primary relay including one of said movable contacts; a release magnet; an initial energizing circuit for said secondary relay including primary and secondary off-normal switch-contacts and contacts of said primary relay; a maintaining circuit for said secondary relay including contacts of said secondary relay, contacts of said release magnet and another of said movable contacts, means for establishing a condition such as to cause the interruption of said maintaining circuits at predetermined points in the respective movements of said movable contacts; and means operated upon the energization of said release magnet to restore said switch parts to normal.

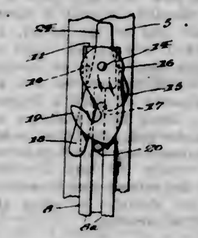
1,576,815. FORD TIMER. ALVIN EDSTROM, Los Angeles, Calif. Filed June 23, 1925. Serial No. 39,039. 9 Claims. (Cl. 123—149.)

1. A gear transmission comprising in combination a casing, a collar secured to the end of the casing, a cap attached thereto, a main shaft centrally positioned in the casing, a driving gear having a socket fitted over the end of the shaft, a bearing on the outside of the



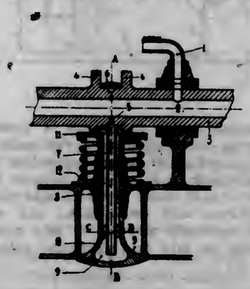
socket in the cap, a shaft extension on the end of the socket and a driven shaft having a gear meshing with the driving gear.

1,576,816. FASTENING DEVICE. ABRAHAM G. FELDMAN, Chicago, Ill. Filed Mar. 31, 1922. Serial No. 548,509. 7 Claims. (Cl. 5—100.)



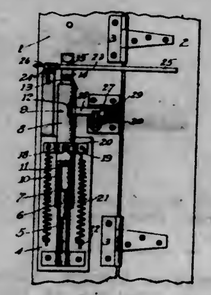
4. A latch for cribs comprising a bracket, a hook pivoted to said bracket and having a bill for engagement with a movable side of the crib, and a dog pivoted to said bracket and having a notch overhanging the movable side of said crib to receive the same and thereby limit the elevation of the movable side until the dog is manually swung in inoperative position.

1,576,817. COOLING ARRANGEMENT FOR THE VALVES OF INTERNAL-COMBUSTION ENGINES. GUIDO FORNACA, Turin, Italy. Filed Mar. 5, 1925. Serial No. 13,229. 2 Claims. (Cl. 123—177.)



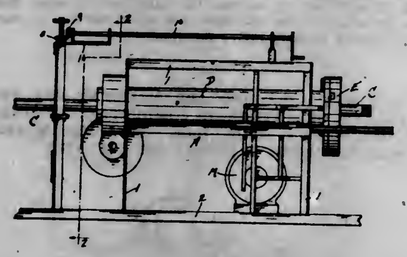
1. An arrangement for cooling the valves of internal combustion engines comprising a hollow rotary cam shaft, means for supplying a cooling fluid to the interior of the shaft, a valve having a hollow stem operable by the shaft, a tube mounted on the latter communicating with a fluid discharge aperture in the shaft and projecting into hollow valve stem, and guide fins on the tube engaging the inner wall of the valve stem.

1,576,818. BURGLAR ALARM. BRUCE FOTHERINGHAM, Ontario, Calif. Filed July 22, 1925. Serial No. 45,226. 3 Claims. (Cl. 116—89.)



2. A burglar alarm comprising in combination a bracket adapted to be secured to a gate post, a tubular barrel secured thereto adapted to hold a cartridge with its rim on the upper end of the barrel, a hammer bar having a cylindrical bore in its lower end, said bore being slidable over the barrel, an upwardly extending stem connected to the hammer bar and having a notch therein with a squared shoulder, a trigger arm pivoted to the bracket to swing horizontally, a spring to draw the trigger arm towards the post, said trigger arm having its outer end shaped and positioned to engage a gate and to engage the said shoulder whereby on opening the gate the trigger arm is swivelled out of engagement with the shoulder to allow the hammer to drop and explode the cartridge.

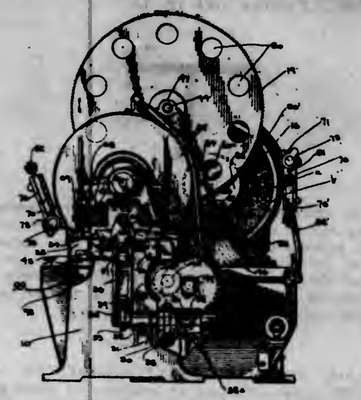
1,576,819. CENTERING AND ALIGNING APPARATUS. JOSEPH B. GALBRAITH, Kaysville, Utah. Filed Apr. 18, 1925. Serial No. 24,116. 2 Claims. (Cl. 10—107.)



1. A centering device comprising a frame having a perforated cross member; a rack vertically movable in said frame; spaced apart rollers journalled in the lower member of said rack; a screw jack mounted on the upper cross member of said frame by which said rack is moved; means to operate said screw jack; and other spaced apart rollers vertically movable in said rack to engage a piece resting on said first-mentioned rollers.

1,576,820. GRINDING MACHINE. FREDESIC E. GARDNER, Beloit, Wis., assignor to Gardner Machine Company, Beloit, Wis., a Corporation of Illinois. Filed May 27, 1921. Serial No. 472,977. 14 Claims. (Cl. 51—118.)

6. In a machine of the class described, the combination of a pair of opposed annular grinding elements having parallel laterally offset axes and arranged with their grinding faces parallel, a work holder between said elements, two shields, one mounted to close the annulus of each grinding element, and two guide plates, one mounted opposite each of said shields, and the exposed



portions of the associated grinding elements, said shields and guards serving to prevent the escape of work from said holder.

1,576,821. TUBE HOLDING AND COMPRESSING MEANS. EARL R. HAMILTON, Pekin, Ind. Original application filed Apr. 2, 1925, Serial No. 20,213. Divided and this application filed Aug. 6, 1925. Serial No. 48,587. 2 Claims. (Cl. 221—60.)

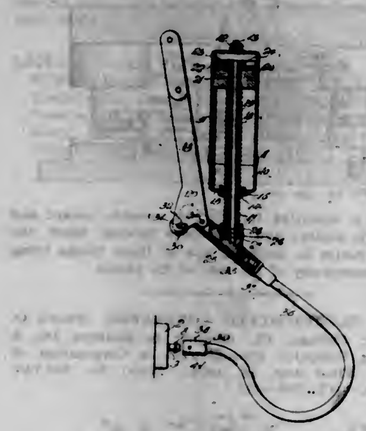


1. A device of the class described comprising a tubular casing, a ram therein, a longitudinal bar in the casing carrying said ram at one of its ends and having its other end bent to form a C-shaped socket, the arms of the socket and said ram having alined openings, a nut held in said socket, and a screw swiveled in said casing and passing slidably through the aforesaid openings and threaded through said nut.

1,576,822. LUBRICATING DEVICE. JOSEPH BENNETT HAYDEN, JOHN MORRIS, and HARRY CLINTON GEORGE, Greensburg, Pa. Filed Sept. 14, 1923. Serial No. 662,674. 2 Claims. (Cl. 221—47.3.)

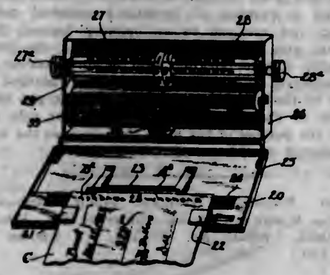
2. A lubricating device comprising a high pressure cylinder having a grease inlet and an outlet, a grease ejecting plunger in said cylinder, a heavy tubular piston rod rigidly connected to said cylinder in communication

with said grease inlet, said tubular piston rod having a piston on its outer end, an elongated low pressure grease cylinder containing said piston and having a threaded connection with said piston rod, and a plunger-operating lever fulcrumed to the high pressure cylinder and oper-



atively connected with said plunger, said lever being adapted to be held in one hand and forced toward the low pressure cylinder, the latter being then adapted to be held in the other hand and turned after each projection and retraction of the plunger to force grease into the high pressure cylinder.

1,576,823. CHECK PROTECTOR. JOHN R. HAYES, Los Angeles, Calif. Filed May 7, 1923, Serial No. 637,222. Renewed Jan. 9, 1926. 10 Claims. (Cl. 101—97.)

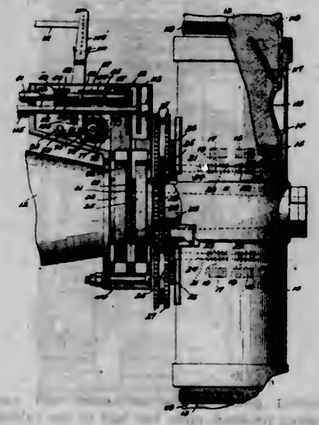


1. A check protecting device including an indexing system provided with a plurality of columns of digits, which columns are adapted to be shifted to bring selectable numbers into indexing position to indicate, approximately, the maximum value of a check, and rows of characters coordinate to the indexing characters of said columns for indicating the coordinate index value of the row.

1,576,824. VARIABLE-PITCH PROPELLER. SPENCER HEATH, Elkridge, Md. Filed Aug. 9, 1922. Serial No. 580,734. 48 Claims. (Cl. 244—25.)

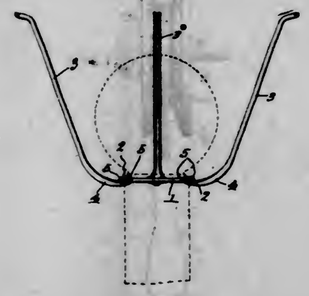
1. The combination with a propeller having a blade rotatable about its own axis to change its pitch, of power operated means for so rotating said blade, two independent gear wheels operatively connected to said blade, means for retarding rotation of one of said gear wheels

relative to the other to cause relative motion between the same and rotation of said blade about its axis, and mechanism operated by the relative motion of said gear



wheels for automatically stopping rotation of said blade after the pitch of the same has reached a predetermined limit.

1,576,825. BRACKET. CLIFFORD M. HICKMAN, Newark, N. J., assignor of one-half to Joseph D. Trethaway, Montclair, N. J. Filed June 19, 1925. Serial No. 38,378. 3 Claims. (Cl. 240—136.)

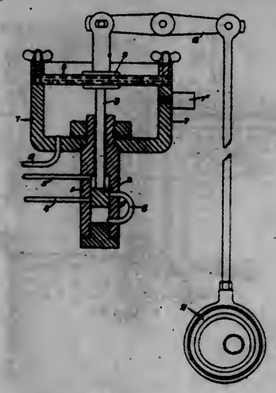


1. An article of manufacture for attachment to an electric lighting fixture including a ring of insulating material, wings extending from the periphery thereof, and fingers clamped upon the wings for engaging and supporting a shade.

1,576,826. FUEL-DELIVERY PUMP FOR INTERNAL-COMBUSTION ENGINES AND OTHER PURPOSES. CECIL HUGHES, Llandrindod Wells, Wales. Filed Mar. 7, 1923. Serial No. 623,565. 5 Claims. (Cl. 123—139.)

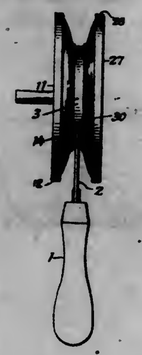
1. A fuel supply means including a cylinder having a fuel inlet, a fuel outlet, a plunger operative in the cylinder to draw fuel into the cylinder through the inlet on a predetermined movement of the piston and to exert pressure on the contained fuel in the opposite movement of the piston, means for establishing communication between that portion of the cylinder communicating with the inlet and that portion of the cylinder communicating

with the outlet, said means being closed against communication with that portion of the cylinder communicating with the outlet until the piston has reached a



predetermined point in its movement and exerted a corresponding pressure upon the fuel in the cylinder, and means for supplying air to that portion of the cylinder communicating with the outlet.

1,576,827. WATCH-WINDING DEVICE. WILLIAM JOHN JACKSON, Buhl, Idaho. Filed Dec. 31, 1923. Serial No. 683,685. 6 Claims. (Cl. 81—7.5.)

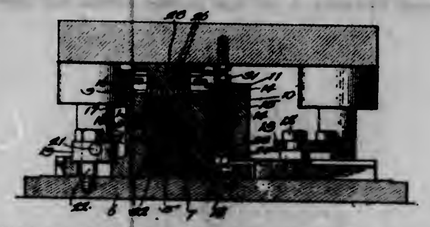


1. In a watch winding device, the combination with revolving elements adapted to engage the crown of a watch stem at each side, elastic facing on the opposing sides of said elements and a gear wheel carrying each element.

1,576,828. DIE MECHANISM. PETER G. JACOBSON, Chicago, Ill. Filed July 23, 1924. Serial No. 727,684. 11 Claims. (Cl. 78—60.)

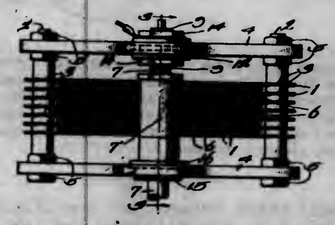
1. Die mechanism including two sets of die plates with the plates of each set narrowly spaced apart, the plates of one set being in register with the plates of the other; a pin extending transversely of and between the sets of die plates; a mounting for the pin movable toward and from the die plates; and spring means pressing upon said mounting in a direction parallel to the die plates and engageable by an engaging portion provided upon the set of die plates toward which said pin mounting is spring pressed.

4. Die mechanism including two sets of die plates with the plates of each set narrowly spaced apart, the plates of one set being in register with the plates of the other; a pin extending transversely of and between the sets of



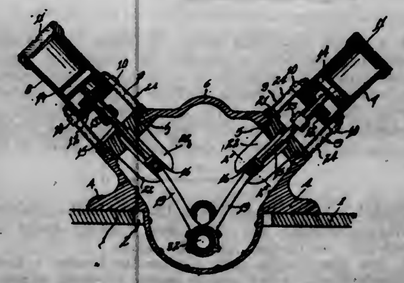
die plates; a mounting for the pin movable toward and from the die plates; and two blocks between which one set of die plates is disposed, one of these blocks being movable transversely of the sets of die plates.

1,576,829. ELECTROSTATIC CONDENSER. FRANK O. JOHNSON, Chicago, Ill., assignor to Reliance Die & Stamping Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 23, 1924. Serial No. 733,748. 2 Claims. (Cl. 250—41)



1. An electric condenser including the two sides thereof and a metallic post assembled with one condenser side; a metal end plate assembled with the other condenser side; and a bushing of insulating material receiving said post and received in an opening formed through said plate and held by engagement with the plate at the margin of said opening, said bushing having a circular perimeter and said opening being enlarged along one side of the bushing to introduce an air gap between a portion of the bushing and the adjacent side of the opening, the portion of the plate that engages the bushing being reduced in thickness.

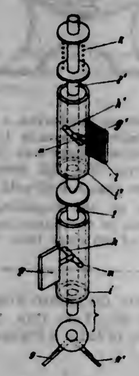
1,576,830. ENGINE. WILLIAM VIRGIL JORDAN and THOMAS MARSHALL SWANK, Louisville, Ky. Filed Nov. 26, 1923. Serial No. 677,101. 2 Claims. (Cl. 121—120.)



1. In an engine, a crank case, a cylinder disposed externally of said crank case, a removable cross head guide having a portion extending into said crank case, a piston

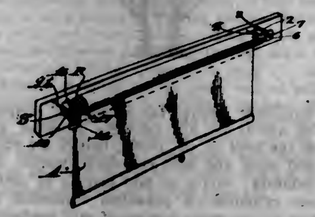
in said cylinder, a piston rod, a cross head secured to said piston rod and arranged to reciprocate on said cross head guide within said crank case, and means for securing said cylinder and said removable cross head guide to said crank case, said securing means also serving a spacing means for spacing said cylinder from said cross head guide.

1,576,831. LATCHING DEVICE FOR WINDOW WINGS, DOORS, AND THE LIKE. HANNS KLEMM, Sindelfingen, Germany, assignor to Daimler-Motoren-Gesellschaft, a Corporation of the Republic of Germany. Filed Sept. 1, 1923. Serial No. 660,472. 6 Claims. (Cl. 292—44.)



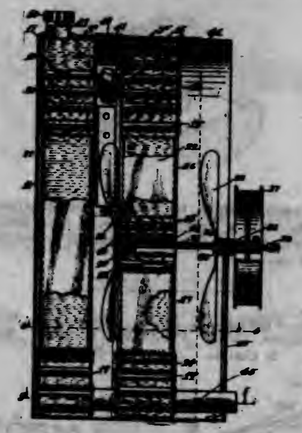
1. A latching device for hinged members such as doors, window-wings, and the like, comprising, in combination, a spindle mounted upon the frame of the hinged member, and a pair of members extending radially outward from said spindle in directions at an angle to each other one of said members extending over a face of said hinged member in the closed position of the latter and the other member of said pair coincidentally extending between an edge of said hinged member and a contiguous edge of its casing to press the first named member against said face of the hinged member and thereby fix the latter in said closed position, said pair of members being actuated by hinged member.

1,576,832. SHADE SUPPORT. MADS M. LARSEN, Colton, Calif. Filed July 6, 1923. Serial No. 649,780. 1 Claim. (Cl. 156—24.)



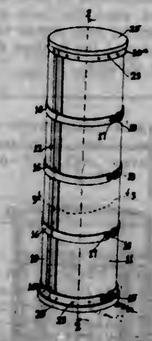
A shade support comprising a flat plate having an open mouth slot extending from its upper edge, pin-receiving beads extending upwardly at opposite sides of the slot, an abutting flange at the rear side of the plate, a screw extending from the rear side of the plate, a flange extending laterally from the front side of the plate and having an open mouth slot from its outer end, and pin-receiving beads at opposite sides of the slot, said flat plate, abutting flange, front flange and beads being formed of a single piece of sheet metal.

1,576,833. AUTOMOBILE RADIATOR. MADS M. LARSEN, Colton, Calif. Filed Aug. 2, 1923. Serial No. 655,227. 4 Claims. (Cl. 257—128.)



1. A radiator, comprising a pair of water jackets arranged one in the rear of the other and interconnected, a casing surrounding the water jackets and having openings therein through which access may be had to the connections between the jackets, and perforated doors controlling said openings.

1,576,834. LINOLEUM CRATE. MADS M. LARSEN, Colton, Calif. Filed Oct. 20, 1924. Serial No. 744,806. 2 Claims. (Cl. 217—44.)

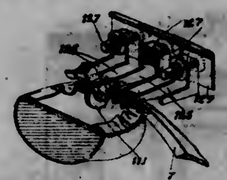


1. A container comprising a cylindrical body formed of a plurality of sections, each being arcuate in cross section, stay strips interposed between and embracing the meeting edges of said sections, each stay strip being in the form of two channel shaped members secured back to back, bands disposed about said sections for holding them together, the bands being provided with projections receivable between the backs of said channels, and end closures for said body.

1,576,835. TRIMMING MACHINE. AUGUSTINE FRANK LITTLEFIELD, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Dec. 6, 1919. Serial No. 342,969. 26 Claims. (Cl. 12—83.5.)

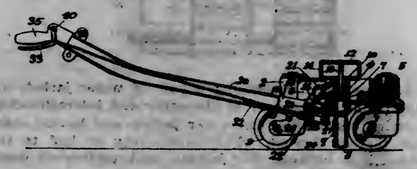
21. Mechanism for removing surplus material which projects from the bottom of a lasted shoe comprising cutting means the effective portion of which extends

across the bottom of the shoe so as to engage opposite margins simultaneously and conforms approximately to the transverse convexity of the bottom of the shoe, and



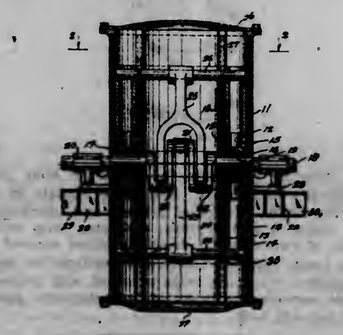
guiding means adapted to facilitate presentation of the shoe to the cutting means in a curved path which corresponds approximately to the longitudinal curvature of the bottom of the shoe.

1,576,836. PORTABLE JACK. THOMAS J. MCCARTHY, Los Angeles, Calif. Filed June 9, 1924. Serial No. 718,801. 5 Claims. (Cl. 254—2.)



1. A jack having a supporting frame, a lifting member mounted thereon and having a rack, a lever pivoted on the frame, a pivot therefor, a holding dog pivoted on the same pivot as the lever, a lifting dog pivoted between the said pivot and the rack, a tension device operating with the lever and connected to both dogs whereby both dogs engage the rack when the lever is operated to elevate the lifting member, and means to release the tension device and disengage the holding dog from the rack to lower the lifting member.

1,576,837. INTERNAL-COMBUSTION ENGINE. JAMES A. MARR, Bridgeport, Conn. Filed Aug. 7, 1925. Serial No. 48,805. 7 Claims. (Cl. 123—51.)



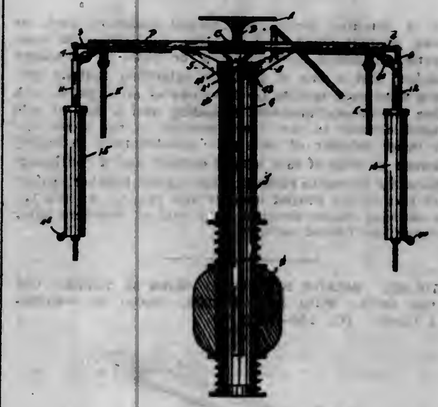
1. An engine comprising spaced inner and outer cylinders, a pair of oppositely movable pistons mounted between said cylinders, a crank shaft located between said pistons provided with cranks located within the inner cylinder and disposed on opposite sides of the shaft, and connecting rods within said inner cylinder leading in opposite directions from said crank and connected to the respective pistons.

1,576,838. CONCENTRATOR. HOWARD S. MELLOTT, Morenci, Mich. Filed Feb. 4, 1921. Serial No. 442,868. 3 Claims. (Cl. 158—6.)



1. In a heat transference apparatus, a cylindrical chamber having a head, impelling means in the chamber, a jacket for the chamber, a supply way embodying a pipe, and a slot terminus for the pipe spaced from the cylindrical portion of the chamber in said head to preclude back action thereinto by the impelling means and extending in the direction of the impelling means travel to coact for withdrawal of material from the pipe.

1,576,839. AUTOMATIC CONTROL FOR AEROPLANES. ROBERT E. MITTON, Salt Lake City, Utah. Filed July 13, 1925. Serial No. 43,121. 3 Claims. (Cl. 244—29.)



1. An automatic control for aeroplanes comprising a compressed air tank; air cylinders mounted adjacent thereto on the body of the plane; flexible air tubes connecting said tank and said cylinders; pistons operable in said cylinders; valves in said pistons to control the air in said cylinders; a pendulum suspended on said plane; arms on the upper portion of said pendulum; and connecting rods between said pistons and said arms to move said valves when the aeroplane is tilted.

1,576,840. SPRING-ROLLER HOLDER. ROY M. MEYER, Chicago, Ill., assignor to Denoyer-Geppert Co., Chicago, Ill. Filed Sept. 21, 1925. Serial No. 57,710. 5 Claims. (Cl. 40—85.)

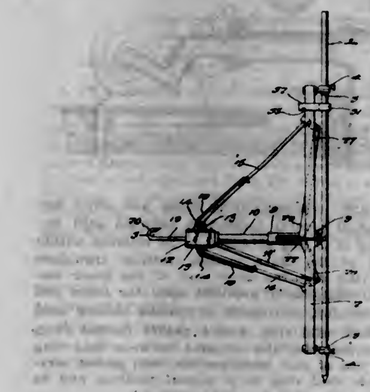
1. A spring roller holder comprising an elongated casing longitudinally divided into relatively stationary and

removable sections, said sections having longitudinal edge portions spaced apart to form a slot through which a map or analogous sheet may pass from the roller, means



for mounting the roller on the removable casing section, and releasable means for holding the two casing sections in assembled relation.

1,576,841. ANIMAL TRAP. JAMES O'KELLY, Silverton, Colo. Filed Apr. 28, 1925. Serial No. 26,412. 2 Claims. (Cl. 43—88.)



1. A trap comprising a base member adapted for mounting on a suitable support, a hollow projecting member mounted on the central portion of the base member and extending laterally therefrom, a bait rod slidably mounted in said hollow projecting member having a hook on the outer end thereof and carrying a bolt member at the inner end thereof projecting through slots formed in the hollow projecting member, a pair of cooperating jaws hingedly mounted on the outer end of said projecting member, lock members pivotally mounted at the end portions of the base member, and operating links pivotally connected to said bolt member carried by the base bar and the latch member for operating said latch members to engage and lock the jaws in open and set position in a predetermined position of the base bar.

1,576,842. WIRE STRETCHER. JOHN W. OSBORN, Powersville, Mo. Filed Dec. 2, 1925. Serial No. 72,763. 2 Claims. (Cl. 254—77.)

2. As an article of manufacture, a tool formed from a single blank of material and comprising a body having one end thereof twisted substantially at right angles to the longitudinal axis of the body, said twisted end being arcuately curved to produce a rocking fulcrum, said body provided with a wire gripping hook positioned rearwardly of the said twisted end portion, said hook being struck from one side edge of said body and bent out of the plane thereof and directed in an opposite direction to the



said twisted end portion, said hook extending substantially parallel with the side edge of the body and arranged in spaced relation thereto.

1,576,843. FOOTBALL UNIFORM. DONALD VERNE PARKER, Mitchell, S. Dak. Filed June 10, 1925. Serial No. 36,175. 3 Claims. (Cl. 2—23.)



1. In combination, a pair of trousers, a belt, a sweater and a plurality of pads, said trousers having belt receiving panels on their interior waist portions, said sweater having slits registerable with the space between the panels, and loops formed on the pad for extending through the slits and into the spaces between the panels so that the belt may be inserted through the panels and loops for holding the trousers, sweater, and pads assembled.

1,576,844. RAIL JOINT. RINO PARISI, Rimer, Pa. Filed Apr. 30, 1925. Serial No. 27,106. 6 Claims. (Cl. 238—216.)



2. A rail joint including meeting rail ends, a base plate seating the rail ends and provided with a rail section received between the rail ends mating therewith, and means extending through said rail section to overlap the rail ends bracing said rail ends.

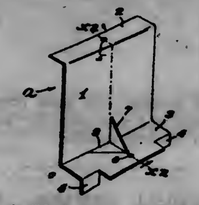
1,576,845. RAIL JOINT. RINO PARISI, Rimer, Pa. Filed Apr. 30, 1925. Serial No. 27,106. 2 Claims. (Cl. 238—226.)



1. A rail joint including meeting rail ends provided with heads having slots therein and also provided with base flanges having openings therein, a base plate seating the rail ends and provided with posts extending through said openings for connecting the rail ends with

each other, and fish plates freely accommodated in said slots and locking said rail ends against relative transverse movement, said posts being disposed to limit the fish plates against displacement.

1,576,846. CONCRETE-BUILDER'S AGGREGATE SUPPORT. HERBERT POMEROY, Los Angeles, Calif. Filed Aug. 11, 1925. Serial No. 49,555. 12 Claims. (Cl. 25—131.5.)



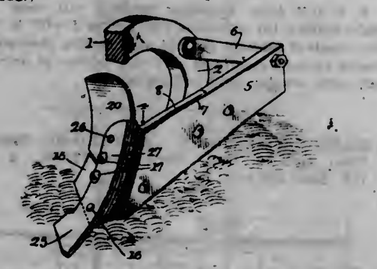
1. A concrete builder's pan support, comprising a beam molding form having beam-sides provided with upright cleats and with brackets adapted to support temporary joists; said brackets and cleats being of less width than the joists for the purpose of allowing the concrete builder's pans, when fastened to the temporary joists, to extend below the temporary joists and to be brought jam against the beam-sides.

1,576,847. CULTIVATOR. WILLIAM S. PRICE, Hershey, Nebr. Filed May 15, 1924. Serial No. 713,631. 2 Claims. (Cl. 97—148.)



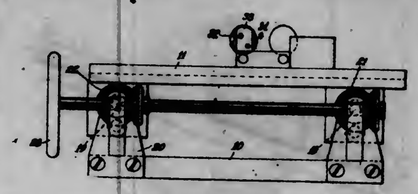
1. An attachment for a cultivator comprising an extension beam having a hollow T-head at each end, a bolt extending longitudinally of each T-head a clamp associated with each T-head and presenting divergent members between which the T-head is received, said divergent members being pivoted on opposite ends of the bolt, each clamp having clamping jaws at its outer end and an adjustable connection between the said clamping jaws.

1,576,848. PLOW. FREDERICK REESE, Eutaw, Ala. Filed May 26, 1925. Serial No. 33,500. 3 Claims. (Cl. 97—113.)



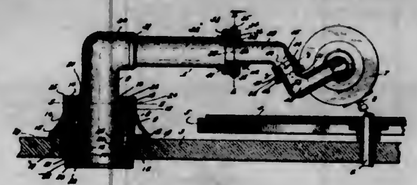
1. A plow beam and standard, a point support attached to and extending forwardly from the lower end of said standard, a plow share and moldboard mounted on said support, and a plow point longitudinally adjustable on said support to provide for lengthening of the point when worn, said point and share being riveted in advance of the supporting member, the rivet being designed to be broken out when the point is to be lengthened.

1,576,849. TENON-MILLING MACHINE. FRED SCHLATTERER, New York, N. Y. Filed Aug. 11, 1925. Serial No. 49,618. 3 Claims. (Cl. 144—198).



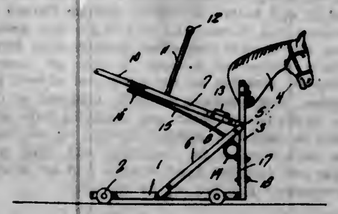
1. A tenon milling machine comprising a rotating cutter mounted on a fixed axis, a circular swinging table adapted to swing around said cutter, pedestals beneath said table, eccentric bars supported on said pedestals, shafts connecting said table and eccentric bars, and means for rotating said eccentric bars.

1,576,850. TONE-ARM CONSTRUCTION. CARL SCRABIC, Urbana, Ohio. Filed Mar. 28, 1921. Serial No. 456,046. 1 Claim. (Cl. 274—23.)



In a tone arm, communicating inner and outer sections a compound pivotal connection between said sections consisting of a ring arranged to be received within the outer end of the inner section, vertical trunnions between said ring and the outer end of the inner section, a curved enlargement provided upon the inner end of the outer section, horizontal trunnions uniting said enlargement with said ring, and a gasket formed from a compressible material and situated between said ring and the outer end of said inner section, said gasket serving to maintain said ring in a normal position and to seal the conduit provided by said sections.

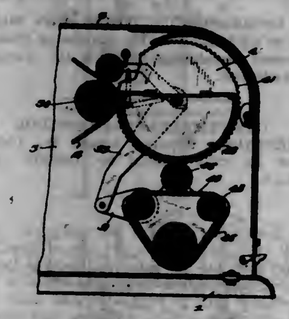
1,576,851. CHILD'S TOY. JOHN E. SEDLACEK, Schuyler, Nebr. Filed Jan. 26, 1925. Serial No. 4,755. 2 Claims. (Cl. 272—55.)



1. A toy of the class described comprising a base, a standard extending upwardly from the forward end thereof, bracing members therefor, a teeter board pivotally supported at its forward end on the upper portion of the standard, the rear end of the teeter board providing a seat portion, a post extending upwardly from the teeter board at the intermediate portion thereof, a handle on the upper end of the post, and means for normally holding the rear end of the teeter board upwardly, said means comprising a coil spring, the ends

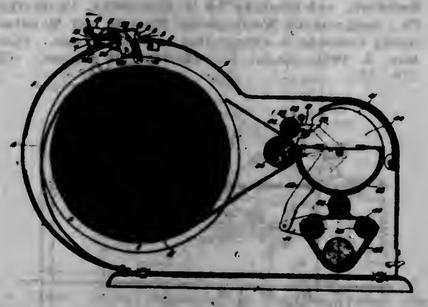
thereof being disposed laterally, one of said laterally extending ends being secured to the under side of the tester board, the other laterally extending end of the coil spring being secured to the lower portion of the standard.

1,576,852. MULTICOLOR-INKING MECHANISM. HIESTER SMEDMA, Reading, Pa. Original application filed Nov. 2, 1923, Serial No. 672,339. Divided and this application filed Apr. 2, 1925. Serial No. 20,083. 2 Claims. (Cl. 101—176.)



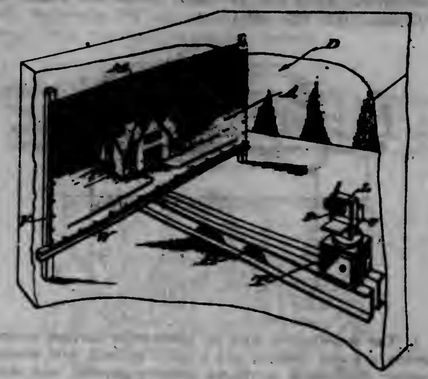
1. In a machine of the character described, a casing, a printing cylinder journaled therein and provided at its ends with gear wheels, an ink fountain located below the cylinder, rollers journaled in the fountain, ribbons trained around said rollers, means for moving the ribbons by stages and operated from the cylinder and an ink distributing roller resting upon the upper runs of the ribbons and provided at its ends with gear wheels which mesh with the teeth of the gear wheels upon the cylinder.

1,576,853. MULTICOLOR WRAPPING-PAPER-PRINTING MACHINE. HIESTER SMEDMA, Reading, Pa., assignor of three-fourths to M. Bernard Hoffman, Reading, Pa. Filed Nov. 2, 1923. Serial No. 672,339. 2 Claims. (Cl. 101—176.)



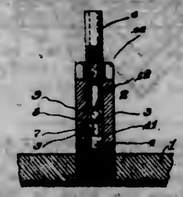
1. In a roll paper printing machine a casing comprising a base member, side panels mounted upon the base member, top sections detachably mounted upon the edges of the side panels and bridging the space between the panels, means mounted upon the side panels for supporting a roll of paper, a printing cylinder and ink fountain and a flat spring mounted upon the inner surface of one of the top sections and adapted to bear at its free end against the roll of paper when the said section is applied to the side panels and serving as a tensioning means for the roll.

1,576,854. METHOD OF MAKING MOTION-PICTURE FILMS. JOHN F. SEITZ, Hollywood, Calif. Filed Dec. 12, 1922. Serial No. 606,499. 3 Claims. (Cl. 88—16.)



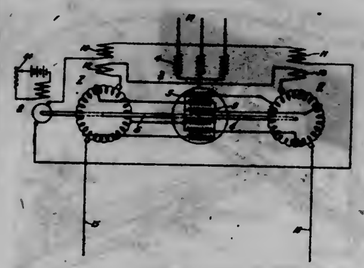
1. A method of making motion pictures comprising making a negative of a scene, casting an image therefrom onto a sheet positioned at the desired distance in front of the lens of the camera, cutting away a portion of the sheet corresponding to a portion of the image to make a first mat, then making a first exposure of a scene while the rigidly associated first mat is in unchanged relation to the camera, making a second mat by the same means, but reverse from the first mat, to cover the filmed part of the scene, then making the second exposure with the second mat in its proper position to complete the picture.

1,576,855. VACUUM REDUCER. JOSEPH BERNARD SEXTON, Madisonville, La., assignor of one-third to Paul Policar and one-third to Oscar P. Goldate, both of Madisonville, La. Filed Sept. 11, 1924. Serial No. 737,172. 1 Claim. (Cl. 251—121.)



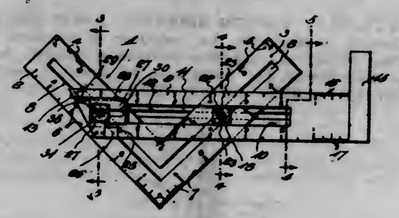
A valve comprising a tubular casing of an even diameter throughout its length and having its lower end portion externally threaded and being internally threaded from its upper end to a point in spaced relation to its lower end, a valve seat screwed into said casing and when in an operative position seated at the lower end of the internally threaded portion, said valve seat having an axially disposed bore having its upper end portion flared and said seat having its upper end face provided with radial grooves leading from the flared upper end portion of the bore, a valve ball in the casing above the valve seat and of its own weight normally seated upon the valve seat and covering the flared upper end of the bore, a tube of an even diameter throughout its length externally threaded from its lower end and screwed into said casing above said valve ball for adjustment towards and away from the ball, and a lock nut carried by said tube above the upper end of said casing and adapted to be moved into engagement with the upper end of the casing to lock the tube in a set position with its lower end spaced a predetermined distance from said ball and valve seat.

1,576,856. ROTARY-CONVERTER SYSTEM. ERNST B. SHAND, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 18, 1925. Serial No. 9,995. 3 Claims. (Cl. 171—123.)



1. The combination with an alternating current motor having a stator member and a rotor member, said stator member carrying a polyphase primary winding and said rotor member carrying a plurality of polyphase secondary windings insulated from each other, of a plurality of rotary converters mechanically connected to said rotor member, connections for energizing one rotary converter from each of said polyphase secondary windings, and connections for connecting the direct-current terminals of said rotary converters in series.

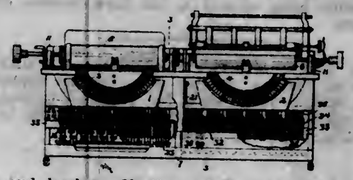
1,576,857. WORK-MARKING TOOL. LUTHER WEBSTER SHIPMAN, Greenville, S. C. Filed Nov. 6, 1924. Serial No. 748,188. 2 Claims. (Cl. 33—92.)



1. A work marking tool comprising a square having two blades at right angles to each other, the outer edge portions of said blades having scales, a bar adapted to extend obliquely from one blade to the other, means slidably connecting the bar and blades one end of said bar terminating in inwardly spaced relation to the outer edge of one blade, and a block slidably mounted on said one end of said bar and having one edge in alinement with one edge thereof, said block being adapted to be extended from said bar end to cross one of the aforesaid scales when setting the bar along the blades of the square.

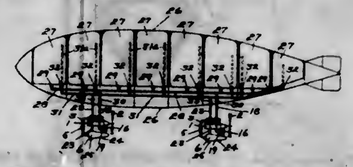
1,576,858. DUAL TYPEWRITING MACHINE. FREDERICK SHOLES, Chicago, Ill., assignor to Morley Multiple Typewriter Sales Corporation, a Corporation of Indiana. Filed Feb. 23, 1922. Serial No. 538,439. 5 Claims. (Cl. 197—5.)

4. In dual typewriting apparatus having master and secondary sets of type-bars and corresponding platens cooperatively associated therewith, a set of key-bars; mechanism having actuated relation with the respective key-bars and corresponding connections with the respective type-bars of the master and secondary sets for actuating the same, the connections with the type-bars of the secondary set being detachable; a tension mechanism depressible by the key-bars; and an adjusting means adapted to collectively disengage the detachable connec-



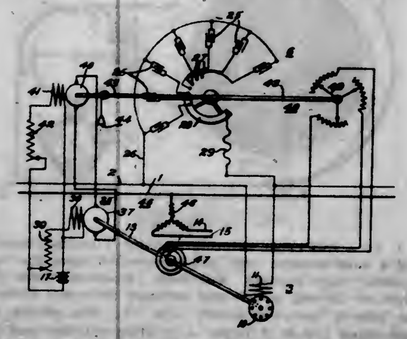
tions and having adjusting relation with said tension mechanism so arranged that the sustaining tension thereof is increased simultaneously with the disengagement of said connections.

1,576,859. GAS-TEMPERATURE-CONTROL SYSTEM FOR AIRSHIPS. WILLIAM SIECK, Jr., Chicago, Ill. Filed Oct. 29, 1924. Serial No. 746,708. 6 Claims. (Cl. 244—3.)



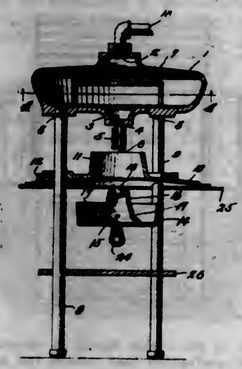
1. A temperature control for gas in air ships including a heat interchanger, a motor for propelling the ship, means for heating the heat interchanger by the exhaust gases from the motor, the said means including a conduit leading from the motor to the heat interchanger, a portion of said conduit being shiftable into communication with the heat interchanger to direct the heated gases therethrough, said portion of the conduit being movable out of communication with the heat interchanger to permit the latter to be cooled by air currents, means for withdrawing gas from the ship and circulating the gas through the heat interchanger, and means for returning the gas to the ship.

1,576,860. RESONANT SHUNT. JOSEPH SLEPIAN, Swissvale, and CHARLES LE G. FORTESCUE, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 5, 1921. Serial No. 449,945. 26 Claims. (Cl. 179—78.)



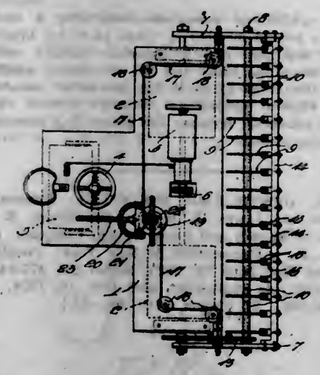
22. The combination with a power conductor and an adjacent intelligence-transmission conductor, of means comprising a capacitance device for preventing inductive interference in the circuit of said intelligence conductor irrespective of the losses caused by said device.

1,576,861. OIL BURNER. LEWIS P. SMITH, Fulton, N. Y. Filed July 7, 1925. Serial No. 42,035. 4 Claims. (Cl. 158—64.)



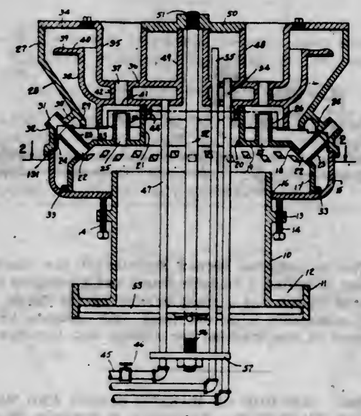
1. In an oil burner the combination with a generator having an inlet in the top thereof an outlet in the bottom thereof, said outlet being in the form of a small orifice, of a baffle supported within the generator between the inlet and the outlet, a disk supported below the generator and having a central upwardly projecting extension through which a jet of fuel is to be delivered from the outlet of the generator, a pan below the disk for receiving condensed fuel, a spreader supported within the pan, means for supplying fuel to the top of the generator, and means for conducting overflow fuel from the bottom of the pan.

1,576,862. RUNNER CUTTER. FRED W. SNOW, Bryantville, Mass. Filed Jan. 8, 1923. Serial No. 611,867. 1 Claim (Cl. 55—64.)



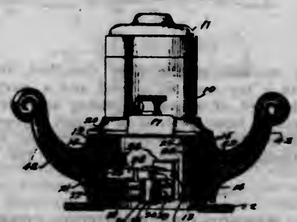
A runner cutter comprising, a platform, rotary elements supporting the platform, axles extending beyond the ends of the elements and platform, a pair of side members pivoted at their rear ends to said extended portions of the axles and projecting forwardly beyond the platform, a horizontal bar interconnecting the forward ends of said side members, a horizontally disposed rotary shaft having its ends journaled in intermediate portions of the side members, drive connection between one projecting end of the axle and said shaft to rotate the latter in a direction opposite that of said axle, toothed cutters fixed at spaced points on the shaft, and blocks fixed to the rear face of the horizontal bar, said blocks having vertical bifurcations at their rear ends to form abutments extending on opposite sides of and in close proximity to the peripheral portions of the cutters, whereby with forward movement of the runner cutter, the toothed cutters will forwardly lift the runners to the abutments and co-act with the latter to cut the runners.

1,576,863. OIL BURNER. PERRY J. SNOWDEN, Kokomo, Ind., assignor to Edward L. Selvage and Harry A. Mathias, both of Indianapolis, Ind. Filed Dec. 23, 1922. Serial No. 608,647. 4 Claims. (Cl. 158—53.)



1. In a wickless oil burner, the combination of an annular liquid fuel supply reservoir, an annular vaporizing chamber enclosing the same and including an outwardly directed wall surrounding said reservoir and forming a vaporizing plate upon which said reservoir discharges fuel, air operated ejector flame nozzles discharging the vaporized fuel received from said plate outwardly and upwardly therebeneath whereby the resultant flames will engage the outer wall plate for heating the same and vaporizing the fuel supplied thereto by the reservoir and other air operated ejector flame nozzles discharging upwardly adjacent the inner wall of said annular vaporizing chamber.

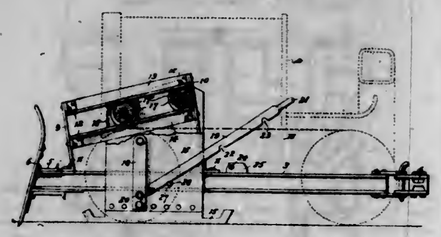
1,576,864. RADIATOR ATTACHMENT. ALFRED L. SOHM, Chicago, Ill. Filed Jan. 20, 1925. Serial No. 3,701. 6 Claims. (Cl. 220—24.)



1. A device of the character described comprising a member having a portion adapted to be arranged adjacent the filling spout of an automobile radiator, clamping means carried by said portion and movable in one direction to engage the filling spout, and actuating means movable in one direction for moving said clamping means

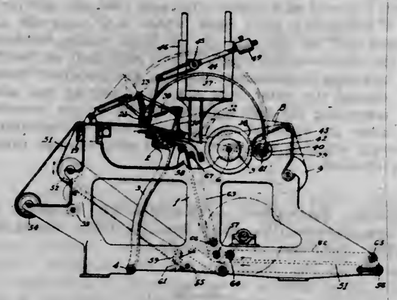
to engaging position, said last named means having a portion adapted to engage said clamping means to positively prevent movement of said actuating means in the opposite direction.

1,576,865. SCRAPER ELEVATING AND LOWERING MECHANISM. RALEIGH H. STALEY, Springfield, Ill., assignor to The Baker Manufacturing Company, Springfield, Ill., a Corporation of Illinois. Filed Dec. 3, 1924. Serial No. 753,718. 10 Claims. (Cl. 37—153.)



1. The combination with a machine of the character described including a movable frame and a scraping blade connected thereto, of a track carried by the frame, and means engageable with the track and operable by the movement of the machine for raising and lowering the blade.

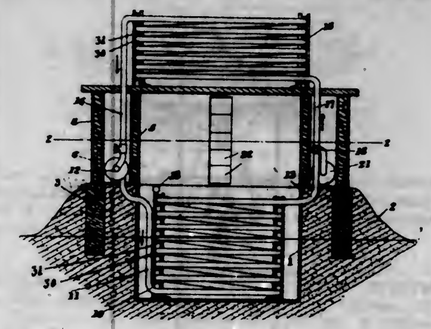
1,576,866. METHOD OF MAKING CLOTH AND MECHANISM THEREFOR. FREDERICK B. STEARNS, Worcester, Mass. Filed May 6, 1924. Serial No. 711,508. 19 Claims. (Cl. 139—1.)



1. In a machine of the class described, the combination with a lay carrying a reed and a warp passing through the reed, of means comprising an endless apron for conveying a loose material to a point adjacent to the warp, and means for drawing the fibres of said loose material through the warp in advance of the laying of the weft.

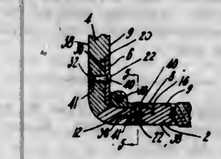
1,576,867. METHOD OF COLLECTING, CONSERVING, AND STORING NATURAL COLD. JOHN C. SWAN, Marietta, Ohio. Filed May 16, 1925. Serial No. 30,682. 5 Claims. (Cl. 62—172.)

1. The method of collecting, conserving and storing natural cold, which consists in cooling an enclosed body of liquid having its freezing point materially below the freezing point of water by exposing it to the atmosphere when the atmospheric temperature is below 32 degrees F., circulating the liquid so cooled through coils arranged within a tank insulated from atmospheric and radiant heat, and supplying the tank with liquid to be cooled



by the action of the cooled liquid so circulated, to form a reservoir of abstracted heat within the tank having a temperature below the freezing point of water.

1,576,868. OPHTHALMIC MOUNTING. FREDERICK A. STEVENS and JAMES W. WELSH, Providence, R. I., assignors, by mesne assignments, to Bausch and Lomb Optical Company, Rochester, N. Y., a Corporation of New York. Filed June 13, 1921. Serial No. 477,146. 15 Claims. (Cl. 88—53.)



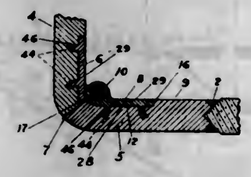
1. An ophthalmic mounting comprising a non-metal member, a second member, a hinge plate for hinging the members together, and a securing element extending through the hinge plate and the non-metal member for securing the hinge plate to the non-metal member, the securing element having an irregular portion engaging with the non-metal member for preventing movement of the securing element.

1,576,869. OPHTHALMIC MOUNTING. FREDERICK A. STEVENS and JAMES W. WELSH, Providence, R. I., assignors to Bausch and Lomb Optical Company, Rochester, N. Y., a Corporation of New York. Original application filed June 13, 1921, Serial No. 477,146. Divided and this application filed Oct. 16, 1924. Serial No. 743,956. 27 Claims. (Cl. 88—53.)



1. In a knuckle hinge, a pair of cooperating one-piece hinge members, one of the members comprising a base portion having at one side integral laterally extending knuckles and the other member comprising a base portion having at one side a knuckle disposed between the laterally extending knuckles, each member being arranged with attachment means at the side of the base opposite to the said one side and of less cross sectional dimension than the base for imbedment in the material of its support, and the knuckles being perforated for the engagement of a pintle.

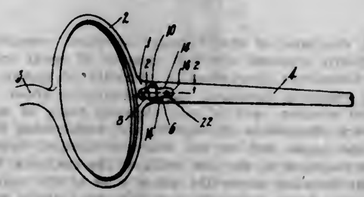
1,576,870. OPHTHALMIC MOUNTING. FREDERICK A. STEVENS and JAMES W. WELSH, Providence, R. I., assignors to Bausch and Lomb Optical Company, Rochester, N. Y., a Corporation of New York. Filed May 21, 1925. Serial No. 31,751. 8 Claims. (Cl. 88—53.)



1. The combination, in an ophthalmic mounting, with a non-metal lens frame formed at one side with an extension, and a temple, of a hinged connection between the temple and the extension embodying a member having ears nearer one end thereof than the other, and anchoring projections at opposite ends of said member, one of said projections being nearer the ears than the other.

6. A mounting comprising a member constituted of plastic material having a substantially flat portion, a metal hinge member having a base portion provided with a substantially flat side held in contact with the flat portion, spurs extending from the flat side biting into and embedded within the material for securing the hinge member to the plastic material, the spurs extending obliquely outward from the base portion, and a hinge knuckle provided upon the opposite side of the base portion.

1,576,871. OPHTHALMIC MOUNTING. FREDERICK A. STEVENS, Providence, R. I., assignor, by mesne assignments, to Bausch and Lomb Optical Company, Rochester, N. Y., a Corporation of New York. Filed May 15, 1922, Serial No. 560,957. Renewed July 10, 1925. 10 Claims. (Cl. 88—53.)

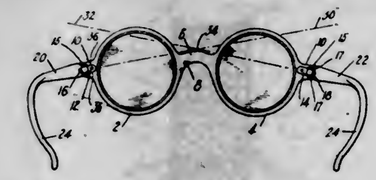


1. A substantially flat hinge plate having a relatively non-pliable portion and a relatively pliable portion, to facilitate adjustment of the hinge plate at the relatively pliable portion

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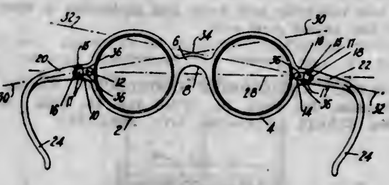
1,576,872. OPHTHALMIC MOUNTING. ALBERT A. JEANBERT, Watertown, Mass., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a Corporation of New York. Filed Feb. 25, 1924. Serial No. 694,984. 8 Claims. (Cl. 88—53.)

1. An ophthalmic mounting comprising a lens-holding rim constituted of non-metallic material having an integral end piece, a hinge plate secured to the end piece having a pivot ear that is obliquely disposed to the line joining the ear and the center of the rim, a pivot pin in the ear, and a temple pivoted about the pivot pin,



whereby the temple as adapted to pivot about the pivot pin in a plane positioned at one side of the center of the rim.

1,576,873. OPHTHALMIC MOUNTING. ALBERT A. JEANBERT, Providence, R. I., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 11, 1924. Serial No. 698,384. 4 Claims. (Cl. 88—53.)



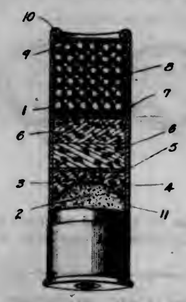
1. An ophthalmic mounting comprising a lens-holding rim constituted of non-metallic material having an integral end piece, a hinge member having a pivot ear that is obliquely disposed to the line joining the ear and the center of the rim and having substantially parallel walls secured to the end piece with the walls substantially parallel to the line joining the ear and the center of the rim, and a temple pivoted to the ear, whereby the temple is adapted to pivot about the ear in a plane positioned at one side of the center of the rim.

1,576,874. METHOD OF MAKING CONNECTIONS BETWEEN METAL AND NONMETALLIC MEMBERS. FREDERICK A. STEVENS, Providence, R. I., assignor, by mesne assignments, to Bausch and Lomb Optical Company, Rochester, N. Y., a Corporation of New York. Filed July 8, 1922. Serial No. 573,750. 1 Claim. (Cl. 18—59.)



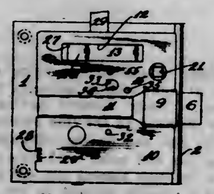
A method of making articles of the class described that comprises providing a non-metallic member having a bore, the non-metallic member being adapted to retain a normal shape, expanding the bore, whereby the member is distorted from the normal shape, then inserting into the expanded bore a metal member having projections and of cross dimension greater than the cross dimension of the original bore and less than the cross dimension of the expanded bore, whereby the non-metallic material will not be displaced by the act of inserting the metal member into the bore, and finally restoring the member to its normal shape, whereby the non-metallic material adjacent to the projections is restored to substantially its normal shape.

1,576,875. SHOTGUN SHELL. JOSEPH H. STURGESS, Kansas City, Mo. Filed Sept. 15, 1924. Serial No. 737,753. 1 Claim. (Cl. 102—15.)



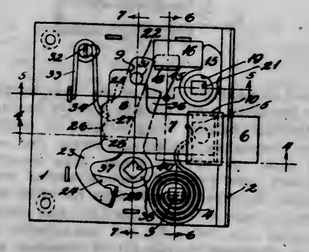
A shot gun shell having a cap and a powder charge, a wad in front of the powder charge having a recess into which some of the powder is received, a stiff card wad in front of the expansion wad, additional relatively soft wads in front of the card wad, a stiff card wad in front of said relatively soft wads, and projectiles in front of the last named card wad.

1,576,876. AUTOMOBILE DOORLOCK. BAYARD E. TAYLOR, Oak Park, Ill. Filed Jan. 15, 1923. Serial No. 612,613. 7 Claims. (Cl. 292—173.)



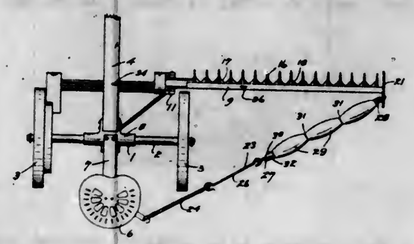
1. In a door lock the combination with a roll back, of a sliding member adapted to be actuated thereby, a locking member for said roll back, and a handle adapted to be operated in one direction to move the locking member into locking engagement with said roll back and further adapted to be operated in an opposite direction to cause the slidable member to retract the locking member to release the roll back.

1,576,877. VEHICLE DOOR LATCH. BAYARD E. TAYLOR, Oak Park, Ill. Filed Feb. 28, 1923. Serial No. 621,701. 14 Claims. (Cl. 292—164.)



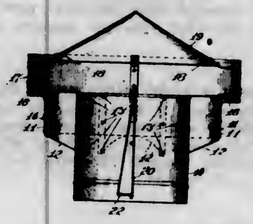
1. An automobile door lock comprising a latch bolt, an outer handle mechanism, a shiftable latch bolt retracting member engaged with said latch bolt and coacting with said outer handle mechanism, and an inner handle mechanism adapted to be operated in one direction to cause retraction of the latch bolt and further adapted to be operated in an opposite direction to cause shifting of the retracting member out of engagement with the latch bolt to render operation of the outer handle mechanism ineffective in retracting the latch bolt.

1,576,878. MOWING MACHINE. JOHN G. THYNNE, Tulameen, British Columbia, Canada. Filed Dec. 1, 1924. Serial No. 753,303. 5 Claims. (Cl. 56—320.)



1. In combination with a mowing machine having a cutting device extending laterally therefrom for cutting a swath, means for throwing the outer edge portion of the swath inwardly comprising a connection between the end of the cutting device and a rearward point of the main portion of the mowing machine and rollers mounted thereon near the end of the cutting device.

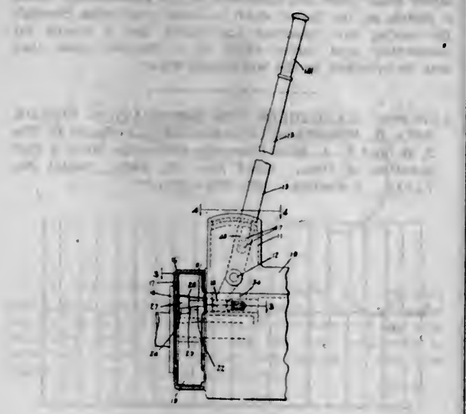
1,576,879. VENTILATOR. LIONEL VALLAS, Chicago, Ill. Filed June 21, 1923. Serial No. 646,738. 2 Claims. (Cl. 98—4.)



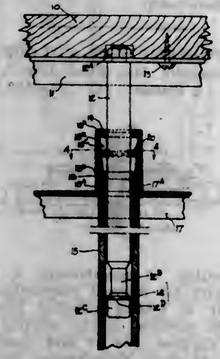
1. A ventilator of the character described, comprising a vertically disposed eduction member of equal transverse dimensions throughout, a plurality of siphon inducing channels arranged circumferentially about the eduction member, each of said channels being of equal transverse dimensions throughout and terminating flush with the upper end of the eduction member, bracket members secured to the side walls of the channels, bent laterally outward across the upper ends of the channel side walls, thence upwardly and then inwardly, a hood member secured to the upper inner ends of the bracket members in spaced relation with the upper ends of the eduction member and said channels, a band secured to the upwardly bent portion of the brackets and arranged to extend beyond the tops of the siphon inducing channels and the lower perimeter of the hood member and in spaced relation therewith.

1,576,880. BRAKE CONSTRUCTION. CORNELIUS W. VAN RANST, Indianapolis, Ind. Filed Apr. 15, 1922. Serial No. 553,285. 1 Claim. (Cl. 188—78.)

In a brake construction, the combination with an expansible brake shoe, a wedge construction for expanding said shoe, a lever for moving said wedge into expanding and releasing position, and a pair of springs rectangularly arranged with respect to said lever for preventing rattling thereof.



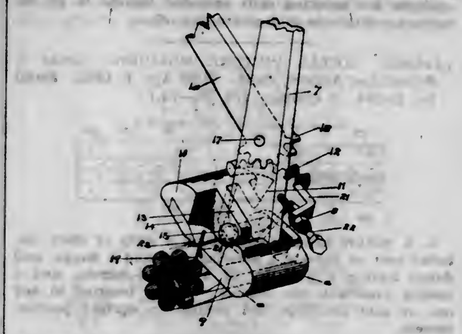
1,576,881. AUTOMATICALLY-ADJUSTABLE STOOL. CHARLES VITEK, Omaha, Nebr. Filed Mar. 5, 1924. Serial No. 697,055. 3 Claims. (Cl. 155—94.)



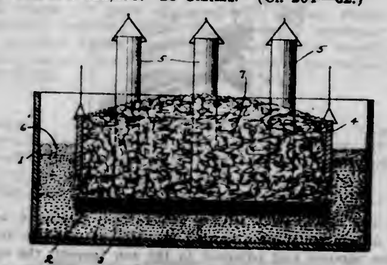
1. In an adjustable stool having a seat and a support cylindrical in cross-section for said seat, a retainer comprising a tubular casing having a chamber whose interior walls converge toward the bottom thereof, said support being slidably mounted in said casing, and a plurality of free rolling bearings in said chamber engaging said walls and adapted to freely move about and longitudinally of said support and wedge between said support and walls of the chamber to frictionally retain said support and seat, said retainer being arranged to release said support by inverting the stool to permit said bearings to drop within said casings.

1,576,882. CUTTER. JOHN VOLMAER, Portland, Oreg. Filed June 19, 1924. Serial No. 721,110. 1 Claim. (Cl. 30—17.)

In a cutter: a pair of jaws; coacting knives upon said jaws, one being grooved to form a cutting edge and an anvil thereupon, and to receive the other within said groove; an arm and a lug upon one of said jaws; a handle and a lug upon the other of said jaws adapted to coact with said arm and said former lug to form pivot supporting means; and a pivot mounted within said means and parallel to said knives and said groove.

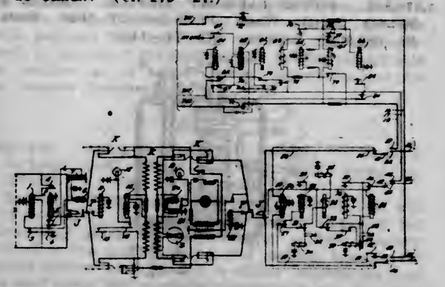


1,576,883. PROCESS OF MAKING GRAPHITE. VICTOR M. WEAVER, Harrisburg, Pa. Filed Mar. 2, 1923. Serial No. 622,298. 23 Claims. (Cl. 204—62.)



1. The process of making graphite which consists in heating lime and carbonaceous material in a suitable furnace, whereby a fluid carbide is formed, and continuing the heating until the carbonaceous material has been transformed into graphite and the calcium volatilized.

1,576,884. TELEPHONE SYSTEM. JOHN WICKS, Oak Park, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Sept. 7, 1923. Serial No. 661,359. 15 Claims. (Cl. 179—27.)



1. In a telephone system, a centralized office, a plurality of branch offices, subscribers' lines, means including automatic switches for completing connections between

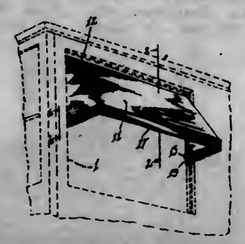
said lines, contacts in said switches not used for extending connections between said lines, and means comprising an automatic hunting switch associated with said contacts for trunking calls extended thereto to an operator's position in said centralized office.

1,576,885. METAL PICTURE MOLDING. LOUIS J. WILDE, Los Angeles, Calif. Filed Apr. 1, 1925. Serial No. 19,844. 7 Claims. (Cl. 20—74.)



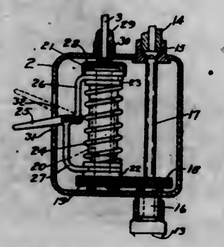
1. A picture molding comprising a strip of sheet material bent to provide a securing part and a flange, said flange having a plurality of apertures therein, and a readily removable pin capable of being inserted in any one of said apertures and assume an upright position therein.

1,576,886. AUTOMOBILE AWNING. LOUIS HENRY WILLIAMS, St. Joseph, Mo., assignor to Williams Auto Awning Co., St. Joseph, Mo., a Corporation of Missouri. Filed May 15, 1925. Serial No. 30,596. 2 Claims. (Cl. 296—95.



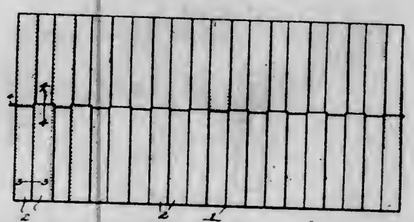
1. The combination with a vehicle body having a window of eye members arranged in pairs at opposite sides of the window and adjacent to the top thereof, the eyes in each pair having their axes aligned and vertical, a substantially rigid frame having portions bent laterally and extending substantially vertically when the frame is in an operative position, said upwardly extending portions being arranged for projection through the aligned eye members and fashioned to interlock with one of the eye members when the frame is in its operative position, an awning covering for the frame, and means for securing portions of the covering to the body, whereby the frame is held against unintentional movement relative to the body.

1,576,887. POWER-TAKE-OFF DEVICE. LESLIE A. WILSON, Seattle, Wash. Filed Dec. 27, 1923. Serial No. 682,900. 1 Claim. (Cl. 74—14.)



In power take off for motor vehicle windshield wipers, a casing that may be inserted between the speedometer and the end of the speedometer cable, an extension with suitable sockets at both ends that may be placed between the speedometer and the cable, another shaft that may be placed in the casing, a means for rotating the latter shaft from the extension of the speedometer cable, a clutch on the latter shaft, a lever projecting through the casing for operating the clutch and a means for connecting said latter shaft to a flexible cable that may be attached to the windshield wiper.

1,576,888. TARPAULIN FOR RECREATION FIELDS. JOHN H. WOODWARD, Columbus, Ohio, assignor to The J. H. and F. A. Sells Company, Columbus, Ohio, a Corporation of Ohio. Filed Nov. 25, 1925. Serial No. 71,344. 5 Claims. (Cl. 278—27.)



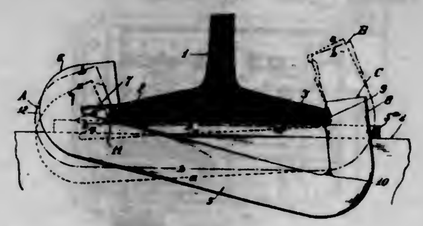
1. A tarpaulin covering for athletic fields, comprising a frame consisting of central units extending longitudinally through approximately the center of the field, and a plurality of spaced transversely extending units arranged on said field and disposed at right angles substantially to the center units, and a plurality of tarpaulin sections having the meeting edges thereof disposed on said frame sections, said edges being arranged in overlapping relationship.

1,576,889. AUTOMATIC FUEL CUT-OUT. CHARLES A. WULF, Indianapolis, Ind. Filed July 2, 1921. Serial No. 482,125. 2 Claims. (Cl. 137—153.)



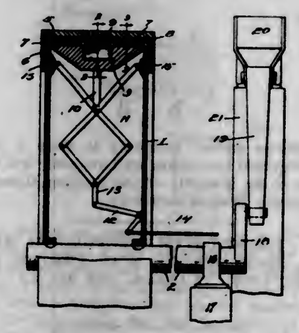
1. As an article of manufacture, a lubricant controlled fuel valve for internal combustion engines comprising a pair of mating chamber forming members having concave recesses on the meeting faces thereof to form the chamber, one of said members having a fuel passage extending therethrough provided with a valve seat, a valve socket extending transversely of said fuel passage, a valve mounted in said socket and a coil spring for maintaining said valve normally seated, a flexible diaphragm clamped between the meeting faces of said member, wear plates secured on the opposite faces of said diaphragm, the fuel passage member being provided with a recess merging into the concave recess on the face of the member and into which a stem of the valve projects, one of the wearing plates on said diaphragm being adapted to project into said recess and engage said stem when the diaphragm is flexed and the other wear plate being of greater diameter than said recess, the chamber on the opposite side of said diaphragm having a port extending thereinto, and a set screw arranged at right angles to the diaphragm and adapted to be moved into engagement with the wear plate on the diaphragm, said set screw being provided with a head normally seating in a socket in the face of the chamber member and said set screw and valve stem being disconnected from the diaphragm.

1,576,890. RAIL ANCHOR. CHARLES F. YARDLEY, Larchmont, N. Y. Filed Mar. 23, 1925. Serial No. 17,577. 9 Claims. (Cl. 238—330.)



1. A rail anchor formed of a single bar of spring metal, with one end bent back to form a notch for engaging the upper and lower edges of one flange of the rail-base with spring pressure, and the other end bent to form an upwardly extending arm having a rail base engaging recess near its upper end.

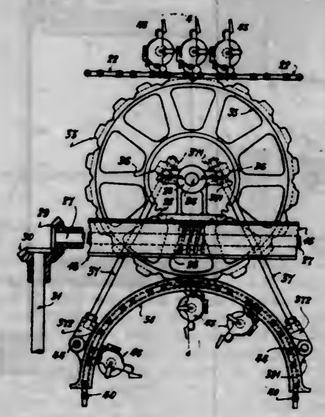
1,576,891. PULLEY. HOMER ALLEN, Slick, Okla. Filed Apr. 15, 1925. Serial No. 23,822. 1 Claim. (Cl. 192—46.)



A pulley of the class described including a drum of hollow construction and having its peripheral band provided with a central annular channel, the bottom of which is provided with ratchet teeth extending about the entire circumference, a rim movable about the periphery of the drum and of a width slightly greater than the peripheral band of said drum, the inner surface of the rim being spaced from the outer surface of the band, roller bearings interposed between said surfaces, a plurality of spring pressed pawls mounted interiorly of the rim for cooperation with the ratchet teeth, and inwardly extending side flanges provided on the edges of the rim for holding said rim in place on said drum.

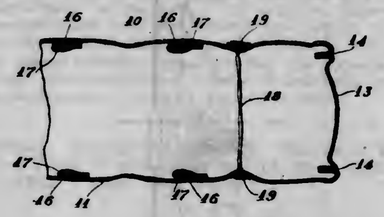
1,576,892. CHAIN-CONTROLLING MECHANISM FOR TUFTED-PILE-FABRIC LOOMS. FREDERICK WILLIAM AUSTIN, Oldham, England. Filed Apr. 3, 1925. Serial No. 20,445. 5 Claims. (Cl. 139—9.)

1. In a chain controlling mechanism for a tufted pile fabric loom, endless chains in parallel circuits, each chain provided with guide-engaging devices projecting from its opposite sides, chain-guides with opposed curved guide-channels in spaced opposed faces presenting by the inner curved walls of the guide-channels runways for the projecting engaging devices of the chains and presenting exteriorly of the chain circuits open channels between the opposed faces and also presenting spaces interiorly of the chain circuits, sprocket wheels within the chain circuits projecting into said spaces and engaging



said chains at parts engaging said guides, means of connection ensuring equal circumferential movement of the sprocket wheels engaging different chains, means for supporting said sprocket wheels and means for supporting said guides.

1,576,893. NONSTRETCHABLE MATTRESS. JOSEPH AVRIL, Los Angeles, Calif., assignor of one-half to Pacific States Bedding & Furniture Co., Los Angeles, Calif., a Corporation of California. Filed Jan. 15, 1925. Serial No. 2,529. 6 Claims. (Cl. 5—345.)

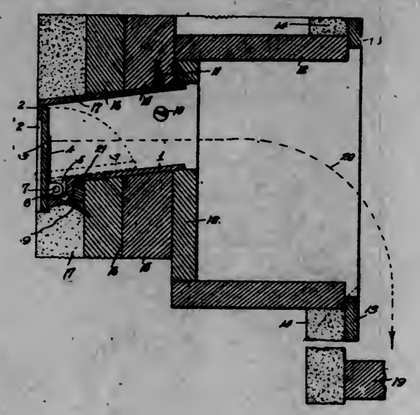


1. In a mattress, means for preventing stretching of the mattress, said means comprising non-stretchable tie members secured adjacent each end to one of the side walls adjacent the top of the mattress, and means secured to the top of the mattress and passing around said tie members so as to be slidable thereon as and for the purpose described.

1,576,894. MAIL RECEIVER. THOMAS N. BADGER, Berkeley, Calif. Filed June 30, 1924. Serial No. 723,409. 1 Claim. (Cl. 232—19.)

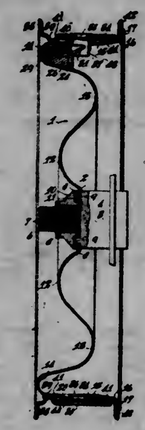
A mail receiver comprising connected side, top and bottom sections, said sections forming an elongated box rectangular shaped in cross section, a door hingedly secured to the bottom section and movable towards the bottom section when opened, a spring co-operating with the door hinge and normally maintaining the door in a vertical position, and a frame secured on one end of the box, said frame forming a sounding member and a stop to prevent movement of the door beyond a vertical position

in one direction; said elongated box having a step down at the outer end of the lower side forming a recess to be used in placing the operating mechanism of the door, and



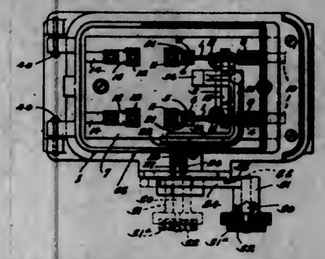
having means whereby the door, springs and axles may be assembled in place or disassembled at will, leaving the fixed elongated body of the box undisturbed.

1,576,895. VEHICLE WHEEL. WILLIAM F. BETTRELL, Washington, D. C. Filed June 24, 1924. Serial No. 722,114. 3 Claims. (Cl. 301—11.)



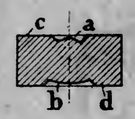
1. In a wheel of the character described, a felly and a tire carrying rim circumferentially movable thereupon, holding lugs carried by the felly and the tire carrying rim and adapted when the same are moved circumferentially one upon the other to co-engage to hold them together or to release them from such hold according to the direction of such movement, a securing lug carried by the tire carrying rim, and a securing screw carried by and positioned substantially parallel to the axis of the felly and adapted to be brought into engagement with the securing lug to secure the said felly and the tire carrying rim to the held-together position, the said screw having a cam head shaped to force the securing lug circumferentially.

1,576,896. QUICK-BREAK SWITCH AND OPERATING MECHANISM. CARL H. BISSELL, Syracuse, N. Y., assignor to Crouse-Hinds Co., Syracuse, N. Y., a Corporation of New York. Filed Jan. 29, 1924. Serial No. 689,370. 7 Claims. (Cl. 200—50.)



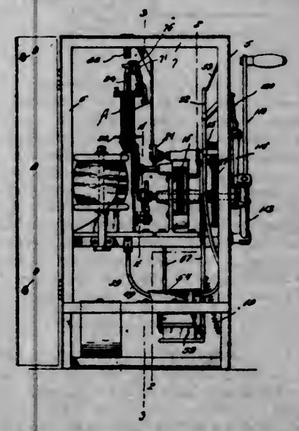
1. In a switch, the combination of a casing, a switch comprising a movable switch arm in the casing and means for actuating the switch arm comprising a shaft mounted in the casing, a lever mounted on the shaft having a crank handle thereon, a spring-pressed locking bolt carried by the casing and the lever having a socket for receiving the bolt and means mounted on the handle and operable to press the bolt out of the socket.

1,576,897. MIRROR OF REFLECTOR WATER-LEVEL GAUGES. RAOUL BOIZARD, Paris, France. Filed June 16, 1924. Serial No. 720,404. 5 Claims. (Cl. 73—54.)



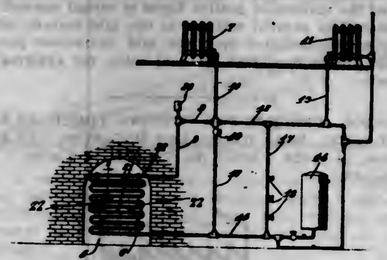
2. A reflector mirror, according to claim 1, in which both the ridge and the convex wall are sunk into the glass body so as to lie inwardly of the limiting planes formed by the opposite faces of said body.

1,576,898. FLOWER-STEM-REENFORCING MACHINE. ELMO L. BROWN, Asheville, N. C. Filed Feb. 13, 1925. Serial No. 8,919. 21 Claims. (Cl. 41—3.)



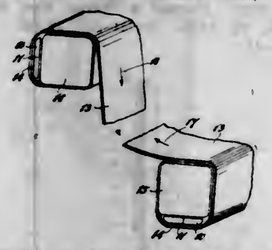
1. In a machine of the class described, a holder for a stem, means for delivering to and supporting in said holder a stick, means for wrapping wire around the stick and stem in the holder, and means for severing the wire when a predetermined amount thereof has been wrapped around said stick and stem in the holder.

1,576,899. HEAT DEFLECTOR. JOHN B. CLANTON, Charlotte, N. C. Filed Jan. 15, 1923. Serial No. 612,602. 2 Claims. (Cl. 126—132.)



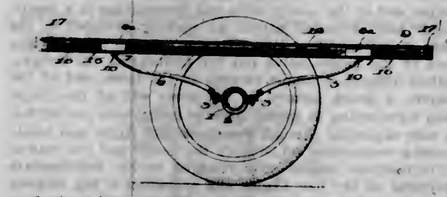
2. A heating device for use in connection with horizontally disposed heating coils comprising a body portion in the form of a plate, hook members including vertical arms secured to the body portion and adapted to support the body portion at an oblique angle with respect to the arms, said hook members adapted to be positioned over a coil, the arms adapted to extend downwardly to engage the adjacent lower pipe of the coils to hold the body portion in its active position.

1,576,900. SEATING SURFACE. VINCENT COLLIER, Worcester Park, England. Filed Dec. 14, 1922. Serial No. 606,954. 1 Claim. (Cl. 155—119.)



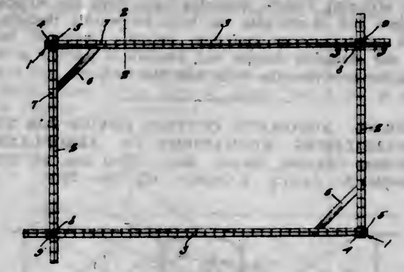
In an article of furniture such as a chair a supporting bar having a flat exterior side, and a seat of fabric arranged with one end wrapped entirely around all sides of said bar in a lapping coil and provided at the end with a stiffening bar bearing against said flat side of the supporting bar and between the same and that portion of said coil which is opposite said flat exterior side of the bar so that weight imposed on said seat fabric tightens the same around said supporting bar, the said stiffening bar preventing casual detachment of said fabric from said supporting bar.

1,576,901. SPRING SUSPENSION FOR VEHICLES. ALFRED MARSDEN COWEN, New Orleans, La. Filed Nov. 11, 1924. Serial No. 749,255. 10 Claims. (Cl. 267—20.)



1. A spring suspension for vehicles comprising a guide, a pair of carriages slidably mounted in said guide, a coil spring connecting said carriages, a pair of resilient arms having an end pivotally connected to a fixed point of the vehicle, the other end of each arm being connected to a movable carriage.

1,576,902. CURTAIN FRAME. CHARLES H. DE FREHN, Johnstown, Pa. Filed July 3, 1922. Serial No. 572,444. 1 Claim. (Cl. 45—24.)



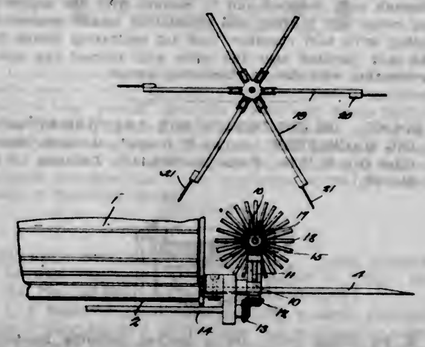
A device of the class described comprising a bar having transverse grooves and provided with a longitudinal groove intersecting the transverse grooves, a plurality of hooks each comprising a body, an arm projecting from one end of the body, and a prong projecting from the other end of the body at an angle to the plane defined by the arm and the body, the arms of the hooks being mounted to rock in the longitudinal groove, and the transverse grooves being adapted to receive the bodies of the hooks, and separate means carried by the bar and overhanging the arm of each hook to hold the arm for rocking movement in the longitudinal groove.

1,576,903. MUSICAL TOY. HENRY F. FONTANELLA, New York, N. Y. Filed May 18, 1925. Serial No. 31,192. 1 Claim. (Cl. 46—46.)



A musical toy comprising a cylinder having an opening centrally disposed in one side thereof and adapted to receive the mouth of the player, cap members movable longitudinally on the ends of the cylinder, diaphragms arranged within said cap members and adapted to contact the ends of the cylinder, and inwardly extending cup shaped elements formed on the cap members and formed with openings and adapted to adjustably engage the diaphragms to hold the same under tension.

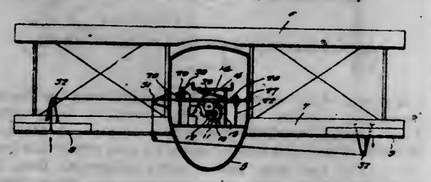
1,576,904. COTTON HARVESTER. WILLIAM J. FRANCIS, Texico, N. Mex. Filed May 15, 1924. Serial No. 713,542. 1 Claim. (Cl. 56—34.)



A cotton harvesting attachment for headers and the like including a series of plant gathering tines, a shaft journaled thereabove, fingers radiating from the shaft for stripping bolls from the plants engaged by the tines,

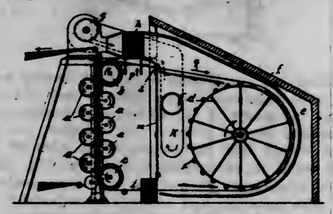
a reel mounted for rotating about an axis above the shaft, and fingers projecting from the reel for engaging plants gathered by the tines, directing the plants against the stripping fingers, removing bolls from the stripping fingers and discharging the bolls rearwardly therefrom, and a transverse conveyer movably mounted back of the stripping fingers and beneath a portion of the reel for receiving the bolls from the reel.

1,576,905. AUTOMATIC CONTROL DEVICE FOR THE STABILIZING MECHANISMS OF AEROPLANES. PIERRE GENETER, Detroit, Mich. Filed Aug. 19, 1925. Serial No. 51,172. 3 Claims. (Cl. 244—29.)



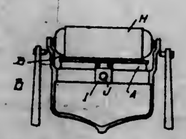
1. An operating device for the stabilizers of an aeroplane including in combination a standard, a frame pivoted in the standard, rollers journaled on the frame, a rack bar movable between the rollers, a rotating gear, means associated with the rack bar normally holding it out of mesh with said gear, and means for moving the rack bar into engagement with said gear.

1,576,906. TWINE POLISHING AND DRYING MACHINE. PAUL GREVE, Lindau, Harz, Germany. Filed Apr. 22, 1924. Serial No. 708,194. 7 Claims. (Cl. 28—62.)



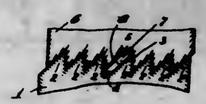
1. In a device of the character described in combination, a substantially closed drying chamber, an unheated supporting closed roller in said chamber, a plurality of polishing rollers outside of the chamber, means to pass a plurality of threads over and between said rollers and through said chamber and in contact with the supporting roller, air heating and circulating means communicating with said chamber, and air aspirating means in the said chamber near the outer wall thereof and communicating with the air circulating means.

1,576,907. OILING DEVICE FOR LEATHER-FINISHING MACHINERY. ALLEN P. GROVER, Medford, Mass. Filed Oct. 3, 1923. Serial No. 666,411. 2 Claims. (Cl. 91—38.)



2. An oiling device for a leather finishing machine including a hide carrying roller over which the hide is adapted to pass in the operation of the machine, an oil reservoir poistioned beneath the said roller and extending longitudinally thereof, a bracket having one end attached to the said machine and its other end supporting the said reservoir, a flat spring disposed longitudinally of the said reservoir with one end fixed to the bottom thereof and the unfastened portion flexed to extend upwardly in substantially parallel relation to the said bottom, and a strip of felt mounted upon the said unfastened portion of the spring to engage the said roller for applying oil thereto.

1,576,908. PROCESS FOR CUTTING TEETH ON SAW BLADES. ADOLF HARTIG, East McKeesport, Pa. Filed June 24, 1924. Serial No. 721,974. 4 Claims. (Cl. 76—29.)



1. The process of cutting triangular teeth on a saw-blade in a single pass through a unitary punch and die which consists in providing on said punch and die two groups of large teeth having twice the size of the teeth required on said blade and adapted to produce between the groups of teeth in the blade a larger tooth having the shape of a trapezium, and subsequently dividing the teeth in said blade into smaller teeth by means of said unitary punch.

1,576,909. PEN. KESTER M. HEARN, Fort Worth, Tex. Filed May 22, 1925. Serial No. 32,142. 2 Claims. (Cl. 120—43.)



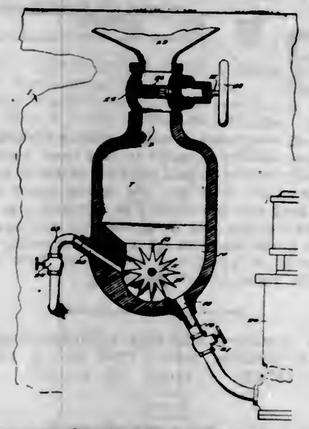
1. A pen of the character described comprising a barrel having a clamp arranged at an appropriate point thereon and including a vertically disposed guide sleeve upon one side thereof, a needle valve rod received within the guide sleeve, a spring having its opposite ends secured to the needle valve rod and guide sleeve respectively, the upper end of the needle valve rod terminating in a needle point and extending within an opening provided in the top of the barrel, a knurled knob secured to the lower end of the needle valve rod for facilitating the reciprocation thereof, a nipple secured to the lower end of the barrel, a shank secured to the lower end of the nipple and terminating in spaced parallel companion pen blades, a tube extending through the shank and nipple and establishing communication between the barrel and pen blades, a rectangular shaped yoke received on the intermediate portions of the pen blades and including a lug member upon one side which is received within an opening provided in one of the blades while a set screw extends through the other and engaging the outer side of the companion pen blades whereby a relative adjustment of the lower ends of the pen blades is facilitated in the drawing of broad and fine lines.

1,576,910. LOADER CONVEYER. WILLIAM WALTER HUDSON, Salt Lake City, Utah. Filed Feb. 18, 1925. Serial No. 10,100. 6 Claims. (Cl. 198—89.)



1. A conveyer comprising a lower conveyer unit, a truck supporting the lower conveyer unit, a carriage movable along the lower conveyer unit, and an upper conveyer unit swivelly attached at one end to said carriage.

1,576,911. CHEMICAL FEEDER. JOHN L. HUGHES, Tulsa, Okla., assignor of one-half to Aaron L. Fischer, Bradford, Pa. Filed Feb. 24, 1925. Serial No. 11,241. 1 Claim. (Cl. 210—29.)



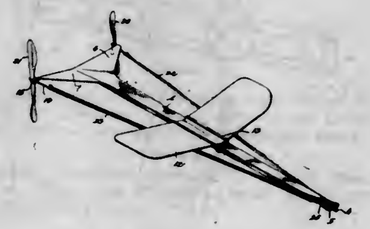
An apparatus for the purpose set forth comprising a mixing chamber having an inlet through its upper end, an agitator drum rotatably mounted in and extending across the lower end of the mixing chamber, an outlet in the bottom of the mixing chamber at one side of the vertical axis of the agitator drum, means for connecting said outlet with a feed water mechanism, a downwardly inclined inlet in one wall of the mixing chamber at the opposite side of the vertical axis of the agitator drum, and means for connecting said inlet with a steam boiler whereby hot water from the boiler may impinge upon and operate the agitator.

1,576,912. LIQUID PITCHER. HENRY NEWTON JAMES, Miami, Fla. Filed July 31, 1925. Serial No. 47,345. 2 Claims. (Cl. 65—31.)



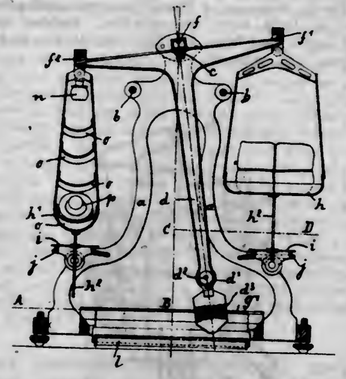
1. In a device of the kind described, an outer container, an inner well spaced from the side wall of the container, a cover having a boss screwed to the well top and a rim fitting closely against the top of the side wall of the container, a spout at one side of the container, a handle at the opposite side of the container, said cover having a vent opening between the boss and its rim, and removable plugs fitting said spout and vent opening.

1,576,913. TOY AEROPLANE. CLAIRE S. JONES, Wyandotte, Mich. Filed July 31, 1925. Serial No. 47,212. 3 Claims. (Cl. 244—14.)



1. A toy aeroplane comprising an elongated trough shaped body provided with integral laterally extending fins at its rear end, propellers mounted at the extremities of said fins, a transverse airfoil secured intermediate of the length of said elongated body, and means for effecting the rotation of said propellers.

1,576,914. BALANCE. PIERRE CONSTANT JOUAN, Paris, France. Filed Feb. 2, 1924. Serial No. 690,157. 6 Claims. (Cl. 265—54.)

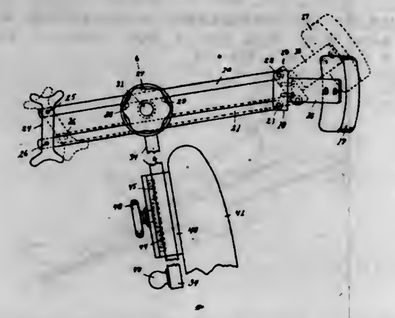


1. An improved balance, which comprises a frame, a scale pan to receive the object to be weighed, a weighted balance lever pivoted upon the frame, said frame having a rectilineal graduated scale along which the end of the weighted balance lever travels, said lever having a nonius at its free end, and another scale pan adapted to receive weights corresponding to the maximum of the graduated scale or multiples thereof.

1,576,915. HEADREST APPARATUS. FRANK KOENIGKRAMER, Cincinnati, Ohio. Filed Mar. 3, 1923. Serial No. 622,654. 5 Claims. (Cl. 155—177.)

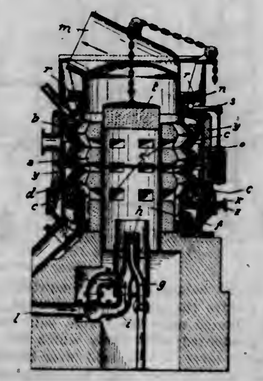
1. A head-rest apparatus comprising a shank provided with a clamping bolt at its upper end, a clamping member pivotally mounted upon said clamping bolt and adapted to be releasably clamped thereon to said shank, a pair of substantially parallel bars spaced apart and located respectively upon opposite sides of said clamping bolt and in sliding engagement with the face of said clamping

member, one of said bars being adjustable endwise in guides carried by said clamping member, an actuating lever pivotally attached to both of said



bars at their opposite end, and means serving to clamp both of said bars to said clamping member and at the same operation to clamp said clamping member to said shank.

1,576,916. OVEN FOR THE DISTILLATION OF SOLID MATERIAL. OSKAR LASCHE, deceased, late of Berlin-Charlottenburg, Germany, by Fritz Lasche, executor, Dresden, Germany, and Carl Geissen, Berlin-Schoneburg, Germany, assignors to Kohlenveredlung G. m. b. H., Berlin, Germany, a Firm. Original application filed Nov. 15, 1923, Serial No. 675,022. Divided and this application filed Mar. 6, 1925. Serial No. 13,666. 5 Claims. (Cl. 202—9.)



1. Oven for the distillation of solid material, comprising a cylindrical shell, a thick-walled apertured hollow body of refractory material within, but spaced from said shell and heating gas supplying means arranged axially of said hollow body.

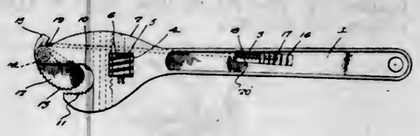
1,576,917. FASTENER BAR. HAROLD A. LEE, Suva, Fiji. Filed Oct. 29, 1923. Serial No. 671,527. 1 Claim. (Cl. 24—106.)

A button or stud fastener formed from a strand of spring wire to include a straight substantially elongated body portion which has one of its ends rounded and brought to contact; with the body and terminates in an



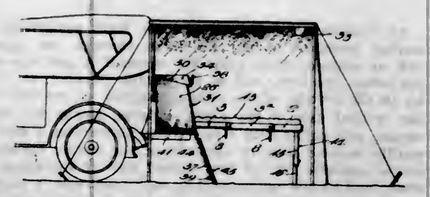
outwardly directed U-shaped portion whose outer arm is beveled to provide a pointed end which is in frictional engagement with the body.

1,576,918. WRENCH. ANDREW EMANUEL LIDELL, Farmington, Mich. Filed Apr. 17, 1924, Serial No. 707,173. Renewed July 22, 1925. 1 Claim. (Cl. 81—180.)



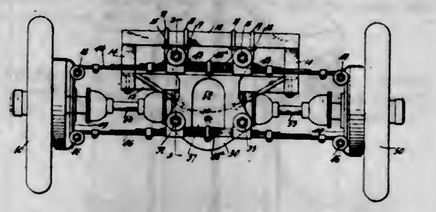
A wrench comprising a body including a shank and a head, a jaw slidably mounted in said head, a cam member pivotally secured in said head for swinging movement toward and away from the jaw, spring means engaging with the head and cam member to normally urge the latter toward the jaw, and a rod mounted for longitudinal movement in the head and shank and engageable with the cam member to swing the same away from the jaw against the resistance of the spring.

1,576,919. FOLDING BED FOR AUTOMOBILES. CLEVE LOWERY, Orchards, Wash. Filed Nov. 4, 1924. Serial No. 747,755. 4 Claims. (Cl. 5—119.)



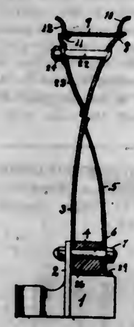
1. In a bed construction of the character described, the combination of a cabinet having fixed bottom, front and side walls and open at the top and rear, means for closing the open top and rear of the cabinet, a substantially U-shaped fixed bed frame section secured to the cabinet and resting on the bottom of the cabinet and extending around the front and side walls thereof, foldable bed frame sections consisting of a foot section and a pair of intermediate sections hinged to each other and to the sides of said fixed bed frame section so as to be folded in substantially parallel relation, and whereby one of the intermediate sections is adapted to be disposed in an upright position and supported by the fixed bed frame section and the other intermediate bed frame section and the foot section are adapted to assume an inclined position and rest upon the floor of the cabinet, and a flexible bed bottom joined at its end to the fixed bed frame section and foot section and adapted to loop about the folded bed frame sections when folded and disposed in the cabinet.

1,576,920. SPRING MOUNTING. OSCAR FREDERICK LUNDELIUS, Los Angeles, Calif., assignor, by direct and mesne assignments, to Lundelius & Eccleston Motors Corporation, Las Vegas, Nev., a Corporation of Delaware. Filed Dec. 3, 1923. Serial No. 678,153. 8 Claims. (Cl. 267—52.)



1. A mounting for connecting springs to a spring supported structure, embodying a suspension member mounted on the structure, studs extending from opposite sides of the member, and spring hangers mounted on the studs at opposite sides of the member.

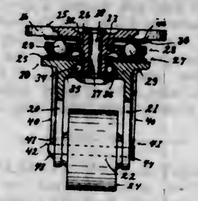
1,576,921. REENFORCED DISK WHEEL. FRANK L. MAIN, Birmingham, Mich., assignor to Hayes Wheel Company, Jackson, Mich., a Corporation of Michigan. Filed July 9, 1923. Serial No. 650,280. 6 Claims. (Cl. 301—63.)



2. In a vehicle wheel, the combination of a hub and a demountable rim, a dished disk mounted on the hub outside of the medial plane of the wheel and curving back to cross said plane and press against the rear edge of said rim, bolts mounted in the outer portion of the disk, a clamping ring mounted on the bolts and having its inner edge pressing against the disk and its outer edge pressing against the front edge of said rim, and a reenforcing disk mounted on the hub and having its outer edge slidably pressing against the main disk, means to space said disks at the hub, and means to rigidly secure the disks to the hub.

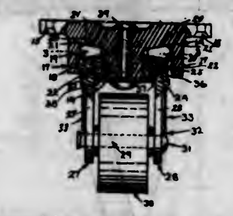
1,576,922. CASTER. EDWARD T. MALLOY, Hamilton, Ohio. Filed Mar. 18, 1922. Serial No. 544,910. 1 Claim. (Cl. 16—21.)

A caster comprising a caster plate, having a downwardly directed tubular projection, a caster frame provided with a caster wheel, a king-bolt member passing through said tubular projection and interposed between the caster plate and caster frame, a separable annular ball spacer interposed between said caster plate and caster frame and held concentrically in position by the downwardly directed tubular projection of said caster plate, said ball spacer being provided with a plurality of conical ball recesses of less diameter at their narrow ends than the diameter of the spacer balls and with raised rims at the wider ends of said ball recesses, end thrust balls located in said spacer ball recesses, a ball radial thrust bearing encircling said king bolt member



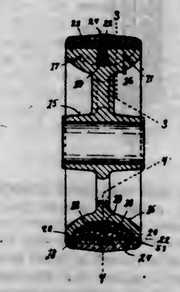
at its lower end and radial thrust balls located in said radial thrust bearing to take both the end thrust and radial thrust of said caster frame upon said caster plate.

1,576,923. CASTER. EDWARD T. MALLOY, Hamilton, Ohio. Filed June 27, 1922. Serial No. 571,135. 1 Claim. (Cl. 16—20.)



A caster comprising a caster plate having a downwardly projecting king-bolt member, an outwardly and upwardly inclined annular roller bearing face substantially concentric with said king-bolt member, and a downwardly projecting annular bearing flange outside of said inclined bearing face, a caster frame having a recess to receive said king-bolt member and an annular outwardly and downwardly inclined roller bearing face opposite the roller bearing face of said caster plate, said caster frame being provided with a caster wheel and with a radial thrust ball raceway opposite the lower end of said king-bolt member, a series of end thrust conical rollers having outwardly curved outer ends interposed between said inclined roller bearing faces with their outer ends in position to engage the inner face of said annular flange, a series of radial thrust balls located in said ball raceway and means carried at the lower end of said king-bolt member to retain said balls in position in said ball raceway and to relatively hold said caster plate and caster frame in spaced relation.

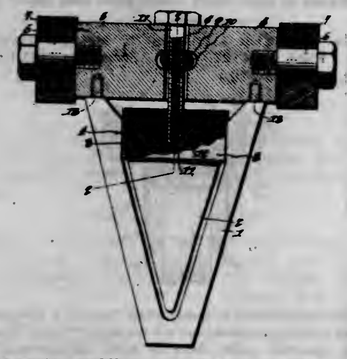
1,576,924. RESILIENTLY-TIRED WHEEL. EDWARD T. MALLOY, Hamilton, Ohio. Filed July 25, 1923. Serial No. 653,731. 1 Claim. (Cl. 152—1.)



A resiliently tired wheel comprising a wheel having a rim of substantially rigid material provided with unbroken peripheral side walls and with dove-tail projec-

tions leading therefrom toward the center of said rim and a circumferential dove-tail groove intermediate of the inner ends of said dove-tail projections, a tire of the full width of said rim having a tire section of substantially rigid material filling said circumferential groove and the lateral dove-tail spaces leading therefrom between the dove-tail projections of the rim and in contact with the unbroken peripheral faces of the rim at the sides of the rim, and a tire tread section of resilient material formed integral with said rigid tire section.

1,576,925. PASTRY-MAKING APPARATUS. WALTER MCLAREN, Dayton, Ohio, assignor, by mesne assignments, to The McLaren Products Company, a Corporation of Ohio. Filed Mar. 17, 1920. Serial No. 366,489. 3 Claims. (Cl. 107—58.)



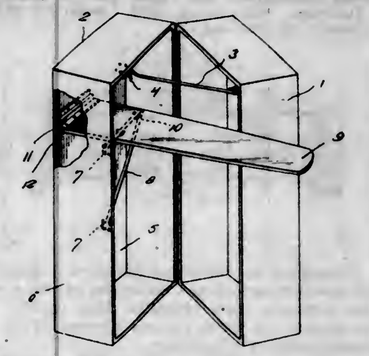
1. In pastry molding apparatus, a core bar, a core, means for mounting the core on the bar and including provisions for laterally moving the core while holding it rigidly against longitudinal or axial movement when in use, said means including means whereby the core may be longitudinally adjusted during use a greater or lesser distance from the core bar.

1,576,926. CYLINDER PROTECTOR. ALBERT B. MUELLER, Runge, Tex. Original application filed July 5, 1923, Serial No. 649,556. Divided and this application filed June 26, 1925. Serial No. 39,775. 2 Claims. (Cl. 103—202.)



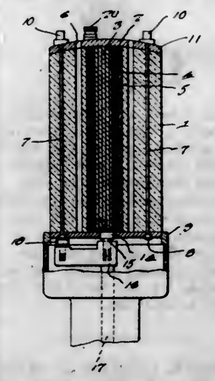
1. A protector for well equipment comprising an outside protector tube, the ends of which are provided with reducers, a perforated strainer member arranged within the outside protector tube and having threaded connection with one of said reducers, a gland having connection with said tube and adapted for the reception of the sucker rod, and a nipple connected to one of said reducers and adapted for connecting the outside protector tube to the upper portion of a working barrel.

1,576,927. COMBINATION TRUNK AND IRONING BOARD. WILLIAM NELSON, New York, N. Y. Filed July 22, 1925. Serial No. 45,336. 8 Claims. (Cl. 190—13.)



1. In combination with a cabinet open at its front, a horizontally swinging bracket supported on the inner face of one of the side walls of the cabinet adjacent the forward edge thereof, an ironing board fulcrumed adjacent its inner end on the horizontal portion of the bracket and adapted to swing in a vertical plane, and cooperating means associated with the inner end of the board and the rear wall of the cabinet for maintaining the board in a horizontal operative position, said bracket being adapted to swing rearwardly and inwardly toward the aforementioned side wall of the cabinet, when the aforementioned cooperating means is disengaged to permit the ironing board to be disposed in a vertical inoperative position adjacent the side wall of the cabinet.

1,576,928. COMBINED DISTRIBUTOR HEAD AND IGNITION COILS. WILLIAM MERRILL OLSON, Oak City, Utah. Filed Sept. 17, 1924. Serial No. 738,193. 1 Claim. (Cl. 123—148.)



A distributor head comprising a cylindrical body having an axial bore and a plurality of passages arranged in circumferential relation around said bore formed therein, an induction coil mounted in the bore, an attaching cap fitted to one end of the body to form a cover and formed for attachment to a distributor section, an end plate mounted on the other end of the body and having openings registering with the circumferentially arranged passages, and a plurality of rods headed at one end and extended through the cap, body and end plate in spaced parallel circumferential relation, having terminals secured thereto to hold the cap, body and end plate,

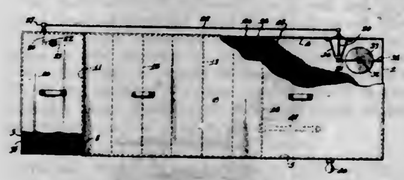
in rigid assembled relation, the heads on the rods forming contacts for cooperation with the distributor, said terminals being formed to receive electrical connection to interpose said rods in the ignition circuit in a predetermined manner, and said body being provided with terminals having electrical connection with predetermined portions of said induction coil, whereby the same may be interposed in the ignition circuit.

1,576,929. IRONING-BOARD ATTACHMENT. CARRIE ADDELAIDE PARKINSON, Fox Lake, Wis. Filed July 23, 1924. Serial No. 727,736. 4 Claims. (Cl. 68—10.)



1. In a device of the character described, the combination with an ironing board, plates secured at opposite ends to the ironing board, a pair of segmental gears in mesh with each other and mounted for rotation on each plate, arms extending from said gears, and a rod pivotally connected with a pair of the arms at each side of the ironing board.

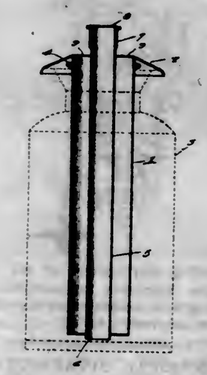
1,576,930. OIL-FILTERING APPARATUS. LEO M. PERRY, St. Helen, Mich. Filed Dec. 19, 1923. Serial No. 681,487. 1 Claim. (Cl. 210—43.)



An oil filtering apparatus comprising a tank having an inlet at one end and an outlet at its opposite end, partitions in said tank forming a storage compartment and a plurality of filtering compartments, the storage compartment being approximately half the length of said tank and extending under three of the filtering compartments, all of said filtering compartments being progressively stepped in depth with the lower ends of said filtering compartments communicating with one another and two of the filtering compartments above the storage compartment provided with inclined bottom walls, and filtering means in said filtering compartments with the filtering means in the progressively stepped compartments in proximity to the inclined bottom walls thereof.

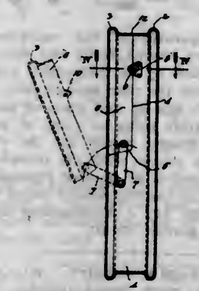
1,576,931. MILK COOLER. NICKOLAS A. REISCH, Le Mars, Iowa. Filed Apr. 30, 1925. Serial No. 27,101. 1 Claim. (Cl. 31—4.)

In a milk cooler of the class described, a cylindrical receptacle closed at its bottom and provided at its top with a marginal outstanding flange shaped to form a cover for the open top of a milk can, said flange being formed with screened openings, an open ended hollow tube disposed concentrically within said receptacle and having its lower end extending through the bottom of the receptacle and terminating a distance therebelow and having its upper end extending above the upper end of the receptacle, and provided with a screened closure,



spider arms radiating from the upper intermediate portion of the tube and fixed at their outer ends to the upper edge of the receptacle.

1,576,932. DEMOUNTABLE RIM. HAROLD S. ROCHOWIAK, Detroit, Mich. Filed Dec. 5, 1923. Serial No. 678,615. 2 Claims. (Cl. 301—35.)

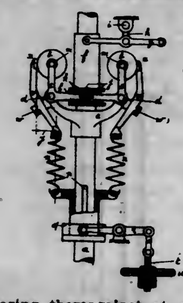


1. A rim adapted for supporting a tire, said rim comprising a main portion and a laterally movable portion adapted to be swung outwardly relative to the main portion so that said tire may be removed, and curved links having ends pivotally connected to said laterally movable portion and other ends pivotally connected to said main portion, so that said laterally movable portion may be swung bodily to and from said main portion.

1,576,933. CENTRIFUGAL GOVERNOR. JEAN ROMEYN, St. Gilles, near Brussels, Belgium. Filed Jan. 9, 1923. Serial No. 611,661. 3 Claims. (Cl. 264—15.)

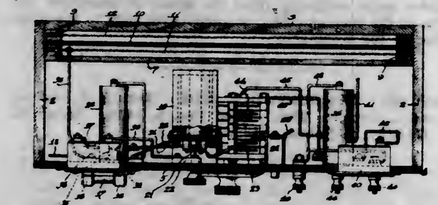
1. In a centrifugal governor, the combination, with a rotatable shaft, of a plurality of centrifugal weights; a carrier lever individual to each weight; a controlling sleeve movable along the shaft and connected with the levers; a set of helical springs, one for each weight, disposed approximately parallel with said shaft; a member

freely adjustable on said shaft while the latter is rotating and with which one end of each spring is connected; and a set of bell-crank levers, one for each



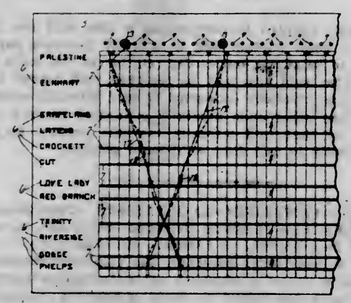
weight and bearing thereagainst at one end, each bell-crank lever being fulcrumed intermediate its ends on a knife-edge bearing and connected at its other end to the other end of the associated spring.

1,576,934. ELECTRICAL APPARATUS FOR TREATING DISEASES. WILLIAM RUNNING, Detroit, Mich. Filed Mar. 5, 1923. Serial No. 622,803. 1 Claim. (Cl. 174—177.)



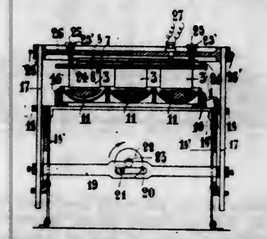
An electrical apparatus of the character described, comprising a cabinet having front and rear walls with the front wall formed by an instrument board, a plate of insulation adjacent the rear wall of said cabinet, condenser grids at each side of said plate of insulation, one of said condenser grids being in a leg of an oscillatory current circuit, a ground circuit for the other grid, a transformer in each circuit with the transformer of the ground circuit adapted to be shunted through a grounded body, an ammeter on the instrument board in the oscillatory current circuit, and a milliammeter on the instrument board in the ground circuit.

1,576,935. TIME-TABLE CHART. WILLIAM C. SANDERS, Santa Ana, Calif. Filed Jan. 31, 1925. Serial No. 6,030. 1 Claim. (Cl. 116—130.)



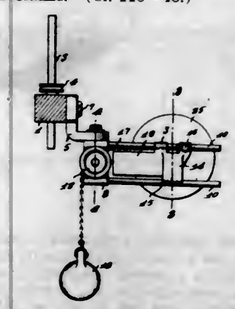
In a device of the character described, a board having a chart formed thereon, said chart designating points upon a railroad and hours of the day, a plurality of spaced strips having teeth formed therein and mounted on said chart bearing board, a cord adapted to pass through the teeth of said strip in such a manner as to extend across said chart and to be held parallel with said board, means for tensioning said cord, said tensioning means comprising a shell adapted to be inserted in said board, a hub rotatable in said shell and having said cord connected thereto, and an indicia bearing plate supported on said shell.

1,576,936. CONFECTIONERY MACHINERY. EMILE LOUIS ALFRED SAVY, Courbevoie, France. Filed Feb. 27, 1925. Serial No. 12,091. 9 Claims. (Cl. 107—1.)



1. A confectionery machine, comprising a support for a series of moulds having cavities for the individual confections adapted to receive a coating layer; and a vertically-movable presser unit for forcing fillings into the coating layers, embodying a plate provided with depending presser fingers disposed in register with said cavities to enter the same during the descent of the unit, and means for heating said plate and fingers.

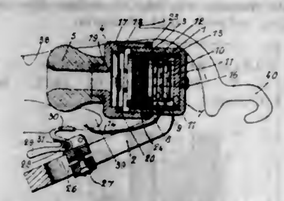
1,576,937. SPINDLE DEVICE. WALTER LEE SMITH, Gastonia, N. C. Filed July 7, 1924. Serial No. 724,639. 2 Claims. (Cl. 118—48.)



1. A device of the class described including an attaching bracket mounted for lateral adjustment, a hanger connected thereto, a clamping plate connected to the hanger, guide rods clamped at one end between the hanger and plate, a carriage mounted to slide between and along the guide rods, an arm at one side of and carried by the carriage, there being recesses within the inner side of the arm and one side of the carriage, bearing blocks removably seated within the recesses, a shaft journaled within the blocks, a belt engaging pulley rotatable with the shaft and between the carriage and its arm, a pulley upon the hanger, a weight, and a flexible connection between the weight and carriage, said connection being mounted on the pulley of the hanger for holding the carriage normally drawn toward the hanger.

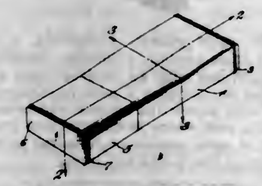
1,576,938. TELEPHONE RECEIVER. LUCIEN ALEXANDRE LOUIS STRUXIANO, Paris, France. Filed Feb. 2, 1924. Serial No. 690,150. 3 Claims. (Cl. 179—107.)

1. A telephone receiver adapted to be carried by the ear and comprising in combination a casing, a nipple secured to the front end of said casing and adapted to be inserted into the ear conduit, an electromagnetic device in said casing for regenerating sounds, a flexible electric conductor and a permanent magnet, both operatively connected to said electromagnetic device, the mag-



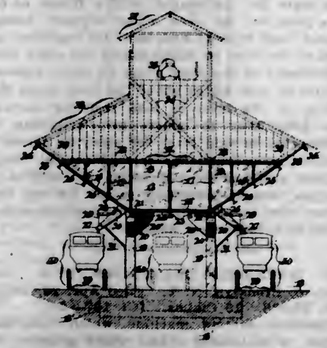
net being supported at its rear end by the rear end of the casing and the axis of the magnet together with the axis of the nipple being contained in a substantially horizontal plane.

1,576,939. NONHEAT CONDUCTING RECEPTACLE. GEORGE J. WALZ, Oak Park, Ill. Filed May 3, 1924. Serial No. 710,939. 1 Claim. (Cl. 109—2.)



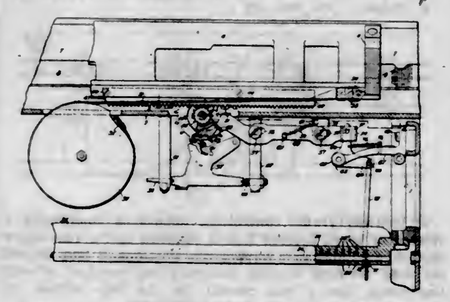
A receptacle of the character described including an outer body casing, a cover shutting the open end of the body, the closed end of said body having recesses in its walls upon the interior thereof, a separable layer of fireproof material lying adjacent the closed end, a corrugated layer of material lying on the fireproof layer and a second layer overlying the corrugated layer with its edges in said recesses to retain said layers in position and a plurality of layers of fireproof material arranged within the body, of the same general shape as the body and of a length equal to the combined length of the body and cover.

1,576,940. POCKET OR STORAGE BIN. ARTHUR WARNER, Philadelphia, Pa., assignor to Specialty Engineering Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Mar. 2, 1923. Serial No. 622,257. 7 Claims. (Cl. 189—3.)



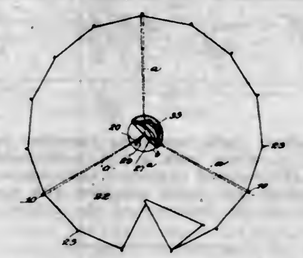
1. A storage pocket for coal or granular material comprising spaced cantilever bulkheads affording declined ends, girts secured to the declined ends and connecting said cantilever bulkheads to effect their rigid connection in parallel relation, flooring traversing the girts, and means for supporting the pocket.

1,576,941. TYPEWRITING MACHINE. EDWIN E. BARNEY, New Rochelle, N. Y., assignor to Remington Typewriter Company, Ilion, N. Y., a Corporation of New York. Filed May 3, 1922. Serial No. 558,185. 8 Claims. (Cl. 197—91.)



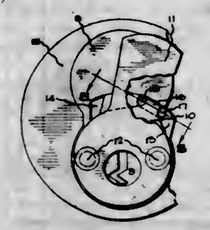
1. In back spacing mechanism for typewriting machines, the combination of a toothed wheel connected to the carriage, and a one-piece key operated slide, comprising a device co-operative with said wheel to back space the carriage, and a second device to arrest said wheel at the end of said back spacing movement, the said slide and the said first and second devices being all rigid.

1,576,942. TENT. LUCIAN H. BEEBE, New London, Conn. Filed Apr. 10, 1924. Serial No. 705,518. 9 Claims. (Cl. 135—14.)



1. A tent of frustro-conical shape, there being a circular opening at the top of the tent, a folding hemispherical hood enclosing the top of the tent, and means for rotating the hood.

1,576,943. STOP MEANS FOR LOCKS. FRANK ELLISON BEST, Seattle, Wash., assignor to Frank E. Best, Inc., Seattle, Wash., a Corporation of Washington. Filed July 2, 1924. Serial No. 723,790. 5 Claims. (Cl. 70—46.)



1. In a lock, a lock core, a swingingly mounted stop pin protruding from the inner end of said lock core, a rotatable key plug and means on said key plug engageable with said stop pin to limit the rotary movement of said key plug to one complete revolution.

1,576,944. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. HERMAN G. BLOSSER, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Jan. 8, 1924, Serial No. 684,961. Renewed Jan. 23, 1926. 6 Claims. (Cl. 246—37.)



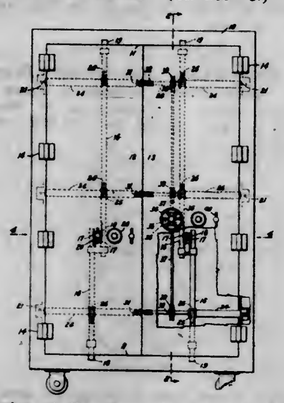
1. Railway traffic controlling apparatus comprising a stretch of track divided into a forward and a rear track section, an impedance having two portions, a loop circuit for said forward section including one portion of said impedance, and a loop circuit for the rear section including the other portion of the impedance.

1,576,945. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. HERMAN G. BLOSSER, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Jan. 8, 1924, Serial No. 684,962. Renewed Jan. 23, 1926. 20 Claims. (Cl. 246—37.)



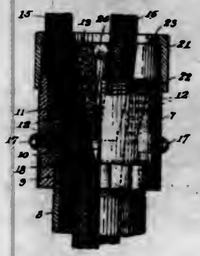
1. A railway traffic controlling apparatus comprising a stretch of railway track, a loop circuit including the two rails of the stretch in multiple and a source of alternating current, and means associated with said circuit responsive to the frequency of the current supplied thereto.

1,576,946. CLOSURE CONSTRUCTION. LLOYD E. BURHANS, Yonkers, N. Y. Filed Feb. 14, 1924. Serial No. 692,741. 10 Claims. (Cl. 109—3.)



1. A device of the character described, including in combination, a receptacle provided with an opening, a closure for said opening, said closure including a plurality of panels and means carried by said closure and adapted to press the adjacent surfaces of said panels into contact with each other and further adapted to press adjacent surfaces of said closure and receptacle into intimate contact whereby to reduce the size of the joints existing between said elements.

1,576,947. CABLE SUPPORT. MICHAEL J. CAPIERO, Brooklyn, N. Y. Filed Apr. 15, 1925. Serial No. 23,287. 8 Claims. (Cl. 247—6.)



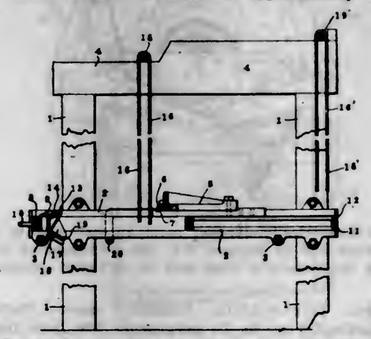
6. A vertical cable support comprising a shell for mounting on a cable conduit, a tubular insulating lining in said shell provided with an inclined cable supporting surface, a wedge for clamping a cable in engagement with said inclined cable supporting surface and means on the shell for forcing said wedge down into firm gripping engagement with a cable dependent from the inclined supporting surface of the insulating lining.

1,576,948. SCALE. HUGH M. CAMERON, Newark, N. J., assignor to John Chatillon & Sons, New York, N. Y., a Corporation of New York. Filed Aug. 18, 1921. Serial No. 493,288. 12 Claims. (Cl. 265—68.)

1. In a scale the combination with a frame, of a lever thereon, a pivot for the lever, a load support, means connecting said load support and lever for applying actuating forces to the lever in substantially the same direction during movement of the lever about its pivot whereby the moment arm of said forces about the lever pivot changes with tilting of the lever, a load resisting means connected to said lever to oppose said actuating forces, means connected to said lever for applying forces thereto substantially proportional to changes in length of said moment arm and in a direction to compensate for such changes, weight indicating means for the load on said support, and an actuating mechanism connecting said lever with said indicating means.

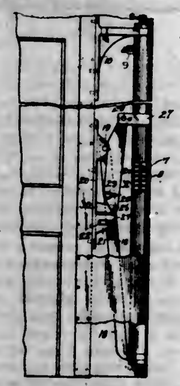
1,576,949. MACARONI-CUTTING MACHINE. GAETANO CARBONARO, Brooklyn, N. Y. Filed Apr. 28, 1925. Serial No. 25,398. 10 Claims. (Cl. 107—21.)

1. A macaroni-cutting machine which comprises, in combination, a stationary frame which presents adjustably a blade having a horizontal lower face which is cutaway a short distance behind its cutting-edge while its upper face is bevelled off at an angle of approximately eighty degrees to said lower face, a second frame rectilinearly reciprocable in said stationary frame, a complementary blade supported on said movable frame and having its upper face bevelled off into parallelism with the lower face of said stationary blade and located to pass immediately beneath it, the lower face of said movable blade being at an angle of approximately fifteen



degrees to its bevelled upper face, a guard-plate mounted reciprocably on said movable frame in front of the last-named blade and having at each end a forwardly-extended ear presenting an open-ended diagonal slot, and two studs mounted on said stationary frame and coacting with said slots to lower and raise said guard-plate.

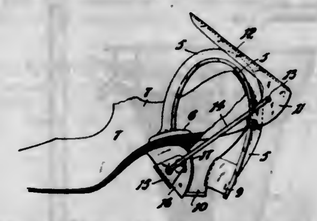
1,576,950. SAFETY SHOE-TRIPPING MECHANISM FOR DOORS. ROSCOE CONKLIN, Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y., a Corporation of West Virginia. Filed Apr. 11, 1921. Serial No. 460,415. 8 Claims. (Cl. 200—54.)



1. In a safety shoe contact device for power operated doors the combination with a suspended coil spring and a wire located longitudinally therein and constituting circuit terminals, means for maintaining said circuit terminals under longitudinal tension, a mounting for one end of said terminals, including a rock lever associated with a strap, said strap embracing said coil terminal, and loose motion connections intermediate said lever and strap member.

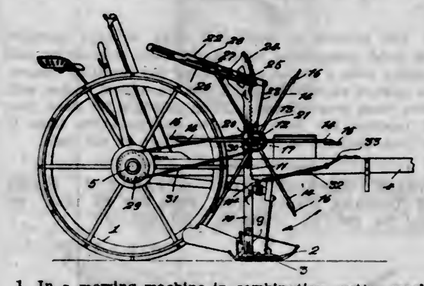
1,576,951. CLAMPING APPLIANCE FOR USE IN THE MANUFACTURE OF SHOES. DAVID ROBERT COOPER, Ultimo, near Sydney, New South Wales, Australia. Filed Mar. 14, 1925. Serial No. 15,473. 3 Claims. (Cl. 12—125.)

1. In a shoe clamping appliance for the purpose specified, a member arranged with a part to engage inside of and arranged to press upon the waist portion of the shoe and another part to be positioned adjacent to the outer side of the shoe heel, a pad attached to said latter part adapted to bear against the rear surface of the shoe heel, a second pad arranged to bear against the heel



breast and shoe waist, and means for adjustably connecting said second pad to said member and operative to position the second pad relative to the heel breast and shoe waist and simultaneously exert inward pressure on both of said pads.

1,576,952. MOWING-MACHINE ATTACHMENT. SIDNEY CRAWFORD, Cowley, Alberta, Canada. Filed Mar. 3, 1922. Serial No. 540,834. 2 Claims. (Cl. 56—224.)



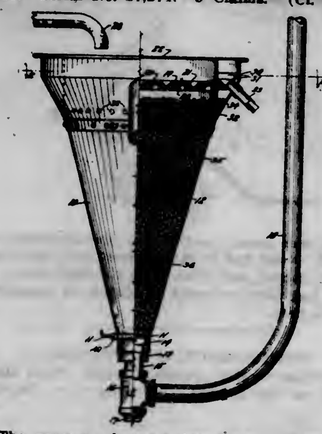
1. In a mowing machine in combination, cutter mechanism, an upright standard carrying a rack supported by the cutter mechanism, a pivotally jointed upright standard carrying a corresponding rack carried by the cutter mechanism and spaced from the first standard, a shaft extending between the two standards and having a tooth pinion at each end thereof meshing with the racks, a loose sleeve revoluble upon the shaft and carrying a plurality of arms parallel to the cutting mechanism, revolving means connecting the sleeve with an axle of the machine, means whereby the jointed standard may be moved upon its pivot maintaining revoluble movement between the shaft and the axle and means whereby the sleeve arms may be moved vertically while the machine is in motion.

1,576,953. VANITY CASE. FRANCIS R. DONAHUE, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed May 9, 1925. Serial No. 29,008. 3 Claims. (Cl. 132—83.)



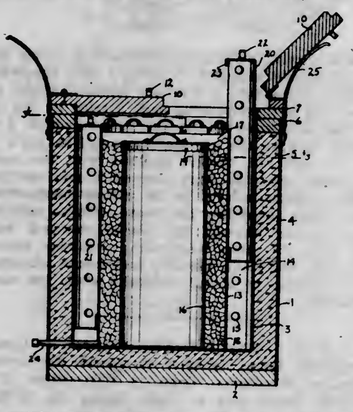
1. In a vanity box, the combination of a body and a cover, a fitment in the body having a distributing opening, a plate closing the opening, a spring bearing at one end against the plate and tending to press the plate into engagement with the fitment, and means integral with the fitment for associating the spring therewith, whereby the fitment, the plate and the spring may be removed from and replaced in the box as a unit.

1,576,954. PROCESS AND APPARATUS FOR RECOVERING PRECIOUS METALS FROM SANDS. DAVID H. DONEGAN, Placerville, Colo. Filed Mar. 21, 1925. Serial No. 17,274. 9 Claims. (Cl. 209—210.)



1. The process of separating flaky metallic particles from sand, comprising mixing the sand, containing said particles with a liquid and passing the resulting suspension upward through a bed of small spherical bodies, said bodies being proportioned to form passages for fluid, that will position the flaky particles and maintain them in positions minimizing the tractive effect of the fluid.

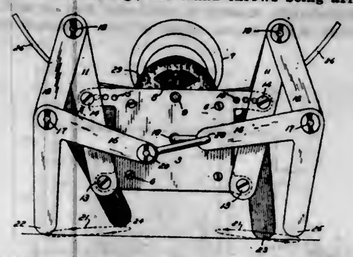
1,576,955. REFRIGERATING APPARATUS. JOSEPH W. DUBRAKS, Houston, Tex. Filed Dec. 26, 1924. Serial No. 758,126. 4 Claims. (Cl. 220—9.)



1. A refrigerating device comprising an outer tub, a cover thereon, a container in said tub, heat insulating material between said tub and container, an annular ice chamber spaced within said container, radial compartments between said ice chamber and said container, and a storage compartment surrounded by said ice chamber.

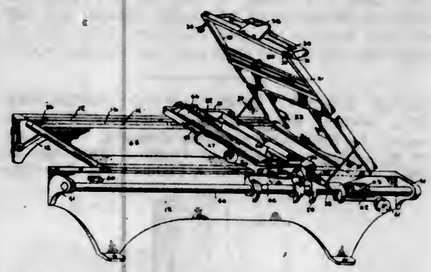
1,576,956. QUADRUPED-WALKING MECHANISM. EARL DUNSHEE, Los Angeles, Calif. Filed May 3, 1924. Serial No. 710,907. 1 Claim. (Cl. 46—40.)

Quadruped walking mechanism comprising; a frame; a link pivotally suspended from each corner of the frame; a bell-crank lever pivotally suspended at its apex from the free end of each link; a four-throw crank shaft; and a power source adapted to rotate said shaft; one of the arms of each of said levers being separately engaged by a crank of said shaft, and the other arm being adapted to act as a walking leg; the crank throws being arranged



in non-diametrically opposed pairs at each side of the mechanism and so disposed that the corresponding lever legs on the respective sides may be oscillated oppositely.

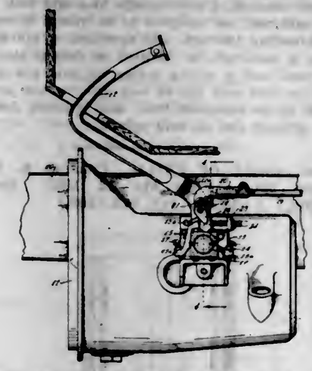
1,576,957. DUPLICATOR. FREDERICK FRANCIS FECHER, Rockville Center, N. Y., assignor to The Beck Duplicator Company, a Corporation of New York. Filed Aug. 8, 1925. Serial No. 48,990. 12 Claims. (Cl. 101—133.)



1. In a duplicator, the combination with a supporting frame or base, a bed, and an adhesive duplicating surface upon said bed adapted to receive a sheet of paper and to cause same to adhere thereto when a portion of said sheet of paper is brought into contact with the same; of a paper-supporting member adapted to support a plurality of sheets of paper or the like movably mounted over said adhesive duplicating surface and provided with an opening in the bottom adapted to permit a portion of a sheet of paper held upon said paper-supporting member to be depressed so as to come in contact with said adhesive duplicating surface, a frame slidably mounted on said duplicator, a roller rotatably mounted in said frame adapted to depress a sheet of paper upon said adhesive duplicating surface, a second frame slidably mounted on said duplicator, a roller rotatably mounted in said second frame adapted to hold a portion of said sheet of paper away from said adhesive duplicating surface, said frames being adapted to be widely separated from each other when said paper-supporting member is swung down toward said adhesive duplicating surface, but to be approximated and coupled together when the paper-supporting member is raised, whereby a portion of the sheet of paper is held between the rollers of said frames, which are then adapted to strip said paper from said adhesive duplicating surface.

1,576,958. BRAKE-OPERATING LINKAGE. FERDINAND E. FICK, South Euclid, Ohio, assignor to The White Company, Cleveland, Ohio, a Corporation of Ohio. Filed Feb. 27, 1925. Serial No. 12,029. 2 Claims. (Cl. 74—110.)

1. The combination with a brake, a pedal device therefor, a lever pivoted intermediate its ends and carried by said pedal, connections at one end of the lever to the braking mechanism, a tripper plate having a contact face adapted to engage the free end of said lever, and adjust-



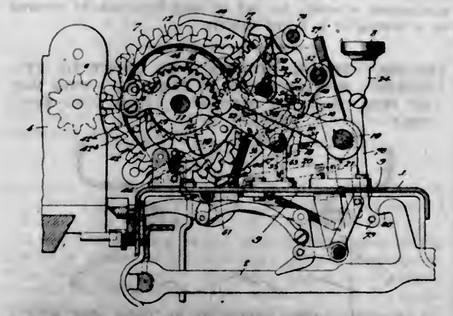
able means for rocking said tripper plate to vary the position of said contact face relative to the lever free end, and locking means for said adjustable means.

1,576,959. REVERSIBLE CUFF. EDWIN BAYARD FISHER, Burstall, Saskatchewan, Canada. Filed May 27, 1925. Serial No. 33,299. 3 Claims. (Cl. 2—123.)



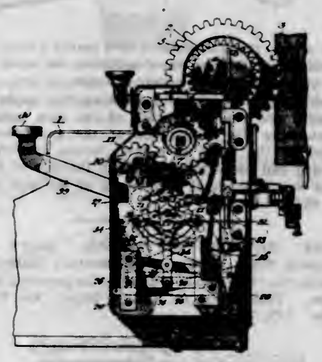
1. A soft cuff consisting of a piece of material folded upon itself with its meeting longitudinal extremities attached to a shirt sleeve, a part of the lateral edges of the doubled material being stitched together adjacent the shirt sleeve, the remaining lateral edges of the doubled material being free, a button hole in the fold of said doubled material, a fold in each thickness of material between said buttonhole and the lower end of the lateral edge stitching, and a button hole in each thickness of material between said fold and said stitching.

1,576,960. ACTUATING MECHANISM. HARRY ARTHUR FOOTHORAP, Harrisburg, Pa., assignor to Elliott-Fisher Company, a Corporation of Delaware. Filed May 2, 1921. Serial No. 466,340. 19 Claims. (Cl. 235—59.)



1. In an actuating mechanism, the combination with a master wheel, of a series of actuator levers having aligned fulcrums, and aligned series of driving arms, a single operating connection between the series of driving arms and the master wheel, and a connection between the actuator levers and the driving arms, said connection permitting the operation of the driving arms by any lever, and the movement of the driving arms independently of the other levers.

1,576,961. CROSS-FOOTING REGISTER. HARRY A. FOOTHORAP, Harrisburg, Pa., assignor to Elliott-Fisher Company, a Corporation of Delaware. Filed May 3, 1924. Serial No. 710,803. 11 Claims. (Cl. 235—137.)



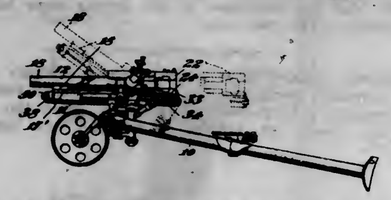
1. In a mechanism of the character described, the combination with carrying devices, of bearing blocks located at opposite sides thereof, operating levers and detents fulcrumed in their respective bearing blocks and each guided by both blocks, and springs connected to said levers and detents.

1,576,962. OBTURATOR-OPERATING MECHANISM FOR GUNS. CLARENCE HERVY FROELICH, Bethlehem, Pa., assignor to Bethlehem Steel Company, a Corporation of Pennsylvania. Filed Feb. 13, 1924. Serial No. 692,492. 27 Claims. (Cl. 89—24.)



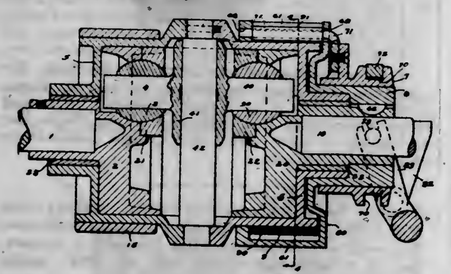
1. In a gun, a breech block including contacting wedge elements, an obturator carried by one of the elements, a lever pivoted to the other of said elements, and a movable fulcrum connection between the lever and the first of said elements.

1,576,963. GUN. CLARENCE HENRY FROHLICH, Bethlehem, and EARL J. MILLER, Warren, Pa., assignors to Bethlehem Steel Company. Filed Mar. 15, 1924. Serial No. 699,434. 19 Claims. (Cl. 89—43.)



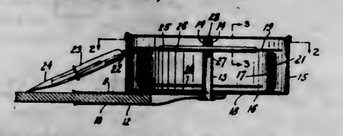
1. In a gun, the combination of a cradle having a lower longitudinally extending outer cylinder, an inner cylinder fitting the bore of the outer cylinder, a gun tube, an interlocking guide connection between the upper side of the cradle and the lower side of the gun tube, means for connecting the breech end of the gun tube to the rear end of the inner tube, and means carried by the outer tube and cooperating with the interior of the inner tube for resisting recoil movements of the gun tube and of the inner tube.

1,576,964. REVERSE MECHANISM. RALPH GERBER, Raymond, Wash., assignor to American Manufacturing & Sales Co., Raymond, Wash., a Corporation of Washington. Filed Feb. 18, 1925. Serial No. 9,977. 1 Claim. (Cl. 74—14.)



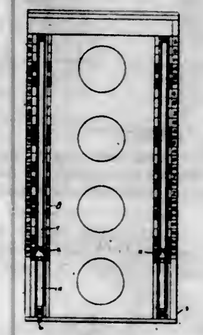
In a device of the character described, the combination with the two aligned shafts, a casing adapted to turn with the shafts or to be held stationary, the casing having two braking surfaces, a fixedly secured brake cooperating with one of said braking surfaces, a member rotative with one shaft and carrying a brake band cooperative with the other braking surface, a sleeve rotative with the same shaft but movable lengthwise thereof, a bar carried by said sleeve and supporting one end of the rotative brake band, a bar supporting one end of the other brake band, both of said bars having cam inclines by the action of which in the reciprocation of the bars the brakes are controlled, and a controlling lever connected with the sleeve and one of the bars.

1,576,965. PENCIL SUPPORT. FRANK GIBBS, New York, N. Y. Filed Dec. 10, 1925. Serial No. 74,550. 2 Claims. (Cl. 242—98.)



1. The combination with a base, of a hollow spindle fixed to said base provided in diametrically opposite portions of its free end with longitudinal slots, a housing rotatably mounted upon said spindle having an aperture, a reel within said housing rotatably mounted on said spindle having in one of its heads radial grooves, a spring coil connecting said spindle and said reel, a string fixed to said reel and adapted to be wound thereon, said string extending through said aperture, a pin seated in the slots in said spindle adapted to engage the grooves in said reel, and a spring acting on said pin having a tendency to seat said pin in said grooves but permitting the same to be unseated from said grooves during the rotation of said reel on said spindle.

1,576,966. GAME OF SKILL. CHARLES K. GLINGER, Agawam, Mass. Filed Apr. 12, 1922. Serial No. 551,780½. 3 Claims. (Cl. 273—108.)



1. A game of skill comprising a board having a track, a projectile slidable on the track, means of imparting a reverse motion to the projectile, a series of contacts arranged along the path of the projectile, a series of signal elements, and circuits connecting the elements to the contacts controlled by said projectile.

1,576,967. TOWLINE BUMPER. SAMUEL CHARLES GOULD, Bridgeport, Conn. Filed Jan. 4, 1926. Serial No. 79,156. 11 Claims. (Cl. 293—55.)



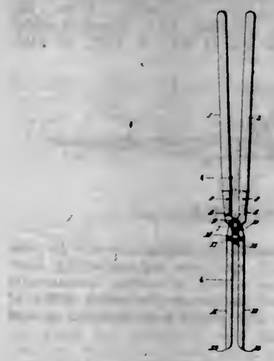
1. A device of the character described, comprising a plurality of tubes detachably secured end to end, means for removably supporting said tubes from a vehicle, and mechanism whereby an end of each tube can be secured to a towing or a towed vehicle.

1,576,968. SHADE HOLDER FOR LIGHTING FIXTURES. EDWIN F. GUTH, St. Louis, Mo. Filed Mar. 17, 1923. Serial No. 625,780. 2 Claims. (Cl. 240—128.)



1. A shade holder comprising an outer ring with a plurality of orifices therein and an inwardly projecting flange formed at its base, an inner ring to fit within the outer ring and rest upon the flange thereof to receive the neck of a shade, and screw threaded orifices in said inner ring to register with the orifices in the outer ring, set screws to pass through the orifices in the outer ring, engage the screw threads in the orifices in the inner ring and the neck of the shade.

1,576,969. DANDELION DIGGER. CHARLES M. HACKENBERGER, Denver, Colo. Filed Oct. 9, 1925. Serial No. 61,542. 6 Claims. (Cl. 55—68.)



In an implement of the character described, a pair of tongs, the working ends of which are semi-tubular in cross section and pointed, a pivoted element which in one position defines a space between said working ends when the handles are moved toward each other and which in another position permits the extremities of said working ends to engage.

1,576,970. METHOD OF AND SYSTEM FOR REGENERATING SULPHUROUS ACID AND WASTE HEAT FROM SULPHITE CELLULOSE BOILERS. CARL HANGLEITER, Mannheim-Waldhof, and ADOLF SCHNEIDER, Kehlheim-on-the-Danube, Germany, assignors to Zellstoffabrik Waldhof, Mannheim-Waldhof, Germany, a Corporation of Germany. Filed Apr. 3, 1922. Serial No. 549,112. 8 Claims. (Cl. 92—2.)



1. In a process for regenerating sulphur dioxide and waste heat from sulphite cellulose boilers, introducing the gas and vapor coming out of the boiler and while still hot at a point in close proximity to the boiler into streaming cold fresh lye.

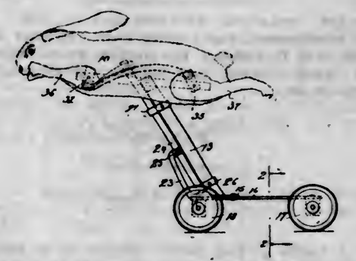
1,576,971. GLOVE. WILLIAM H. HEATON, Oakland, Calif. Filed Apr. 17, 1924. Serial No. 707,098. 1 Claim. (Cl. 2—168.)

A glove or covering of the type in which each of the fingers is formed of a single front portion covering the front and two sides of the finger and a back portion covering the back of the finger whereby all of the seams longitudinally of the fingers are thrown to the back of the hand, said portions being made of textile fabric provided with a fleecy surface on one side, the fleecy surface comprising the inside throughout said glove, the said front portion of each of said fingers having been treated with a rubber solution and vulcanised so as to



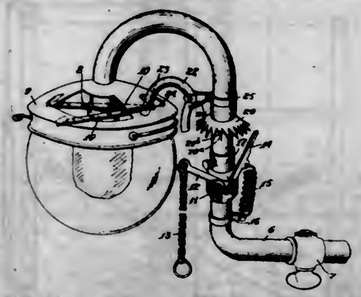
fill the pores of the outside of the fabric in said part but not to penetrate said fleecy surface and the back portion of said fingers being untreated and stitched to said treated front part.

1,576,972. MECHANICAL MOVEMENT DEVICE. MONNOSUKE HIGUCHI, College Point, N. Y. Filed Aug. 26, 1922. Serial No. 584,487. 4 Claims. (Cl. 46—45.)



1. In a mechanical movement device for inanimate objects simulating animate objects the combination of a carriage supported on wheels, a standard rigidly secured on said carriage, at an angle thereto, a frame pivotally mounted on said standard, limb-carrying pins spaced apart in said frame and yokes on said pins, a link connecting said yokes and means for oscillating said frame and said yokes operated by said wheels.

1,576,973. AUTOMATIC GAS-SHUT-OFF MECHANISM. LOUIS HILL, Akron, Ohio. Filed Jan. 16, 1924. Serial No. 686,476. 5 Claims. (Cl. 67—116.)



1. In a device of the character described the combination, with a gas burner, a gas pipe leading to said burner, and a valve for controlling the flow of gas through said pipe to said burner, of a bell crank lever connected with said valve, a spring connected with said bell crank lever for shifting the same in a direction to close said valve, means controllable by hand for

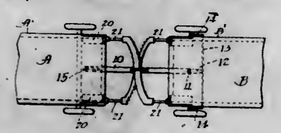
shifting said bell crank lever in a direction to open said valve, a supporting disk mounted upon said gas pipe, a wheel encircling said gas pipe and resting upon said supporting disk, said wheel being provided with teeth extending partially into the path of travel of said bell crank lever, an interference arm journaled adjacent said wheel and movable into engagement with the teeth thereof to lock said wheel and thus hold said valve open, and a thermostatic element mounted adjacent said burner and connected with said interference arm to shift said interference arm into and out of engagement with said toothed wheel, thus locking and releasing said toothed wheel.

1,576,974. ELECTRIC STORAGE BATTERY. OTTO E. HUEBNER, Flushing, N. Y. Filed May 16, 1923. Serial No. 639,408. 3 Claims. (Cl. 136—143.)



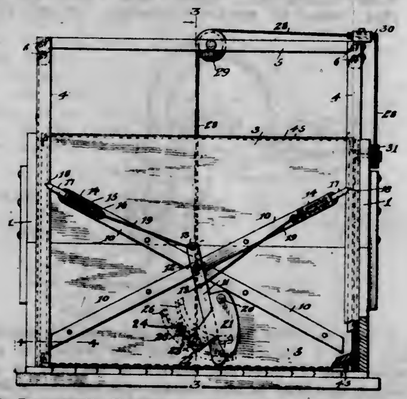
1. A separator for storage batteries comprising a sheet of material, having apertures pierced therethrough by high tension electrical discharges.

1,576,975. TRAILER BUMPER AND GUIDE. DAVID K. HUTCHINSON, Los Angeles, Calif., assignor of one-half to R. C. Liebman, Los Angeles, Calif. Filed Dec. 26, 1922. Serial No. 608,918. 9 Claims. (Cl. 280—33.55.)



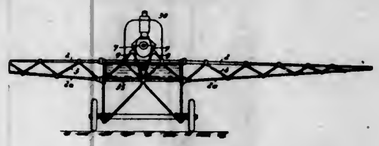
1. A trailer guiding device, adapted to be applied to a towing and trailing vehicle, connected by a draw bar, said device embodying a pair of curved gear racks one mounted on the towing vehicle and the other mounted on the trailer and intermeshing with each other, the draw bar being pivotally connected to both the towing and trailing vehicles substantially at the centers of the gear racks.

1,576,976. END GATE. ELMER T. JACKSON and ALBERT E. JACKSON, Fullerton, Nebr. Filed Apr. 3, 1925. Serial No. 20,459. 5 Claims. (Cl. 296—52.)



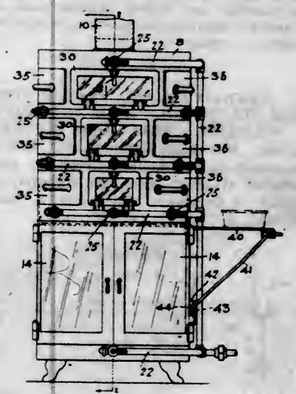
1. In a vertically reciprocating wagon end gate of the character set forth, a gate body, operating means therefor, a pair of obliquely crossed brace elements upon the outer face of the gate, an upwardly inclined latch member carried upon the upper end of each element and engaging a stationary retaining member, a pivoted element at the point of intersection of said crossed elements, link connections between said latches and said pivoted element, and a cam member connected to and operable by said operating means, acting upon said pivoted element when the operating means is actuated, to release said latch members.

1,576,977. FLYING MACHINE. HUGO JUNKERS, Dessau, Germany. Filed June 28, 1920. Serial No. 392,587. 11 Claims. (Cl. 244—14.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



1. In a flying machine of the monoplane type in combination, a substantially unbroken self-supporting bearing plane of streamline section extending substantially in a straight horizontal line across the entire width of the craft and a motor and pilot's seat mounted on and above said bearing plane.

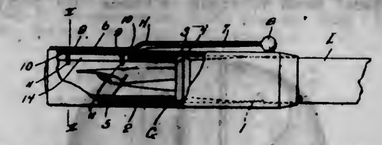
1,576,978. STOVE. BERT A. KINSEY, Glenshaw, Pa. Filed Mar. 20, 1925. Serial No. 16,974. 5 Claims. (Cl. 126—39.)



1. A stove comprising a casing, a diametrally disposed partition in said casing, openings provided in the casing wall of the front of said partition, for the reception of cooking vessels, a plurality of vertically aligned burners in the space between said partition and said wall, vent openings in said partition, and a flue opening at the rear of said casing with which said vents communicate.

1,576,979. FOUNTAIN-PEN CLIP. ISRAEL KRUTT, New York, N. Y., assignor to William A. Rappeport, New York, N. Y. Filed July 10, 1924. Serial No. 725,123. 6 Claims. (Cl. 24—11.)

1. In a pen clip structure, the combination with a pen cap or the like, of a clip member having a body portion arranged to lie flat against the outer surface of said cap having an attaching portion projecting therefrom into the interior of the cap through an aperture provided in the wall of the cap, said attaching portion being shaped to provide a tapered groove dove-tailed in cross section,



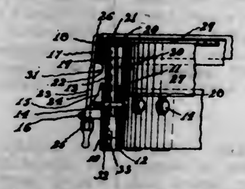
and a locking member within the cap having a tapered tongue also dove-tailed in cross section adapted to wedge into said groove for holding the clip in position.

1,576,980. SELF-FILLER MECHANISM FOR FOUNTAIN PENS. ISRAEL KRUTT, New York, N. Y., assignor to William A. Rappeport, New York, N. Y. Filed July 10, 1924. Serial No. 725,124. 4 Claims. (Cl. 120—46.)



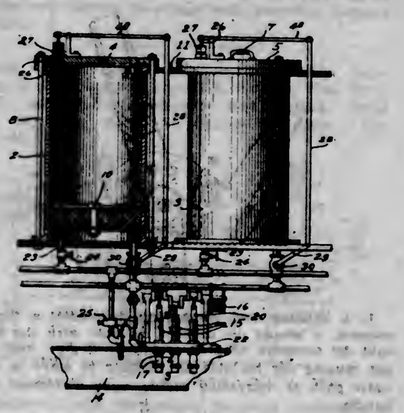
1. In a fountain pen, comprising the usual barrel and having a collapsible elongated ink capsule therein, a follow plate for collapsing said ink capsule, a pair of links by which the follow plate is mounted to move in parallel planes during the collapsing of the ink capsule, an operating member slidably mounted in the end of the barrel having a head externally of the barrel, a link connecting said operating member with said follow plate whereby withdrawal of the operating member will move the follow plate to capsule collapsing position, the end portion of the barrel having an inturned annular flange thereon constituting a shoulder facing inwardly of the barrel, the operating member having an annular shoulder thereon facing outwardly of the barrel and in opposition to the first shoulder, and a compression spring encircling the operating member interposed between said two shoulders and serving thereby to normally hold the operating member yieldingly in its innermost position and to hold the follow plate close against the wall of the barrel and therefore out of capsule collapsing position.

1,576,981. TUBE RESONATOR FOR BANJOS. WILLIAM L. LANGE, New York, N. Y. Filed Oct. 28, 1921. Serial No. 511,005. 23 Claims. (Cl. 84—269.)



1. In a banjo, a frame having a series of spaced apertures therethrough around the frame extending in the line of depth of the frame and communicating at one of their ends with the atmosphere, tubular members having portions supported in said apertures at the ends thereof opposite to the first mentioned ends and having portions extending beyond the frame towards the front of the banjo, a vibratory annular member supported on the ends of said extending portions and permitting passage of sound from the interior of the banjo into the tubular members and thence by way of said apertures to the atmosphere, and means for retaining said annular member on the ends of the extending portions of the tubular members.

1,576,982. LUBRICANT-DISPENSING APPARATUS. CARL MASS, Newark, N. J. Filed Feb. 20, 1924. Serial No. 694,147. 6 Claims. (Cl. 221—67.)



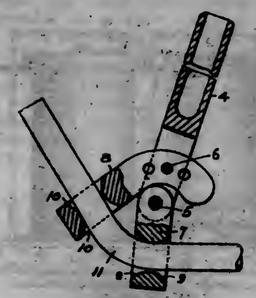
1. A lubricant dispensing apparatus comprising a tank, a piston operable therein, a source of fluid supply, a pump connected therewith and having connection with tank, means connecting said tank with said source of fluid supply, and piston operated means for automatically cutting off the fluid from said pump when said piston is moved a predetermined degree.

1,576,983. ELECTRIC FLASH LIGHT. JOSEPH MARRO, Brooklyn, N. Y. Filed Oct. 10, 1923. Serial No. 669,518. 1 Claim. (Cl. 240—10.5.)



A portable lamp comprising a cylindrical casing, a spring motor therein, a hollow crown gear driven by said motor, a pair of parallel pinion rods one of which is in cooperative engagement with said hollow crown gear while the second of which is in meshing engagement with a spur gear fixed to said first rod, a second crown gear fixed for rotatable movement with one of said pinion rods, a governor carried by the latter, a pinion in meshing engagement with the said second crown gear, a hollow magnet fixed for rotatable movement with said pinion and an armature suspended within the hollow rotatable magnet, an incandescent lamp, electric connections between the lamp and the armature, and exterior means to supply energy to the spring motor.

1,576,984. TOOL FOR BENDING PIPE, BARS, AND THE LIKE. ANDREW MCLAIN, Carnegie, Pa. Filed Dec. 5, 1924. Serial No. 754,145. 6 Claims. (Cl. 153—45.)



1. A bending tool comprising a handle, a fixed die member, a second die member movable with the handle, said die members adapted to engage a pipe, and means for causing the movable die member to move in an arcuate path of decreasing radius, upon movement of the handle.

1,576,985. STAIN-REMOVING COMPOUND. ALBERT E. MOORE, Seattle, Wash. Filed July 16, 1925. Serial No. 44,114. 2 Claims. (Cl. 87—5.)

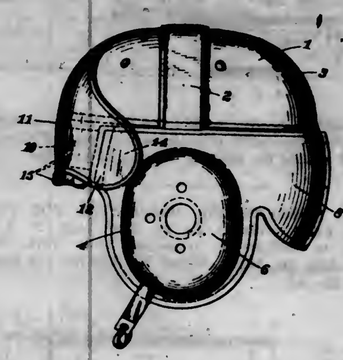
1. A compound for the purpose specified, comprising the following ingredients in substantially the proportions, as follows:—Powdered titric acid, 40–50%; powdered pumice stone, 40–50%; powdered cuttle-fish bone 5–15%.

1,576,986. CHAIN HOIST. PETER MULLEN, Philadelphia, Pa., assignor to The Harrington Company, a Corporation of Pennsylvania. Filed Feb. 11, 1925. Serial No. 8,345. 2 Claims. (Cl. 254—169.)



1. In a chain hoist embodying a load chain, means for securing and supporting the dead end of said chain comprising a post projecting from one of the component parts of the hoist, said post having a head extending laterally and overhanging the post in one direction and of a size and contour to enable the end link of the chain to be passed thereover when turned substantially at right angles to the axis of the main portion of the chain and to overhang a portion of the link and retain the same in position on the post when the link is turned to normal position parallel with said axis the surface of the part from which the post projects being disposed to occupy an angular position with respect to the body of the chain to receive and afford support to the face of said end link when disposed on the post.

1,576,987. HEADGEAR. ROBERT T. MULLINS, Brooklyn, N. Y., assignor to A. G. Spalding & Bros., New York, N. Y., a Corporation of New Jersey. Filed Apr. 8, 1925. Serial No. 21,643. 2 Claims. (Cl. 2—8.)



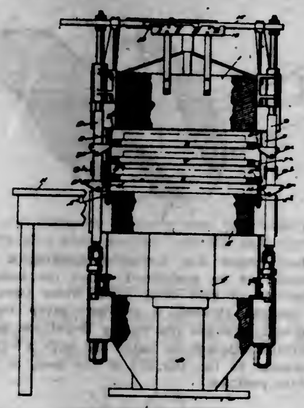
1. In combination in a football helmet, a crown shell reinforced by exterior stripe crossing each other from side to side and front to back, and stitched thereto, the exterior strip at the front extending below the front of the shell to overlie the forehead and having its lower portion widened out to provide temple protecting wings, side members connected to said crown shell and provided with ear protecting portions and forwardly extending wings overlying the temples, said first mentioned wings overlapping the last mentioned wings and being slidable thereon, and elastic means connecting the forward edges of said last mentioned wings.

1,576,988. MAGAZINE PENCIL. ROMOLO NARDI, Camden, N. J. Filed Dec. 9, 1924. Serial No. 754,736. 5 Claims. (Cl. 120—14.)



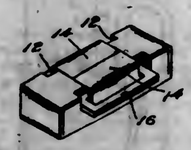
1. A magazine pencil including telescoping casing members, a plurality of magazines carried by one of said casing members and slidable relative thereto, an ejector carried by the other casing member, means associated with each magazine for coaction with the ejector, and means within each magazine associated with the first named means whereby rotation of the ejector will propel a lead from a magazine.

1,576,989. PLATEN PRESS. ALBERT PASQUALI and FRANK W. POLAND, Watertown, Mass., assignors to Hood Rubber Company, Watertown, Mass., a Corporation of Massachusetts. Filed Jan. 31, 1924. Serial No. 689,720. 7 Claims. (Cl. 18—17.)



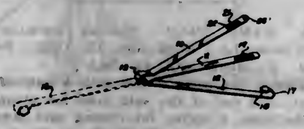
1. The combination in a press of the character described, of superposed vertically movable pressing members, a ram for operating said pressing members, and means for causing any one of said pressing members to come to rest at one and the same determined elevation on complete retraction of the ram.

1,576,990. CHAIN. HARRY PAYTON, Providence, R. I. Filed Feb. 12, 1925. Serial No. 8,696. 4 Claims. (Cl. 59—80.)



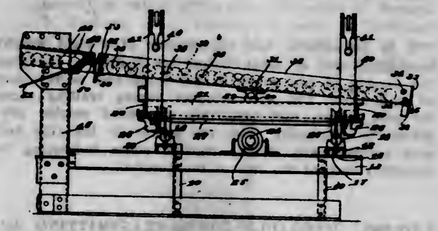
1. A chain structure comprising a series of sheet metal box-shaped links, each having side and end walls, said walls having extending portions, a bottom wall formed by folding all of said wall extensions inwardly, said walls being of a length to meet and form a bottom wall, the end and bottom walls of adjacent links being provided with notches, and a loop link engaged by said walls of adjacent links and extending through said notches to pivotally connect said box links together.

1,576,991. CURLER FOR BOBBED HAIR. FRANK O'NEAL, Philadelphia, Pa., assignor, by mesne assignments, to West Electric Hair Curler Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed May 3, 1924. Serial No. 710,764. 2 Claims. (Cl. 132—41.)



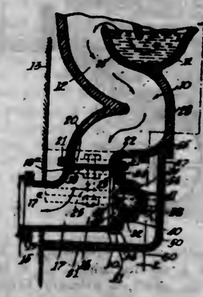
1. A hair curler in three parts, two of which are permanently secured together and one of which is loosely hinged thereto and means for securing the parts in operative relation, said means comprising a hook in one said arm, a smoothly rounded projection in another said arm and a tongue within the plane of the third said arm and adapted to engage said smoothly rounded projection.

1,576,992. TILTING AND CENTERING TABLE. RAYMOND C. PENFIELD and CLAUD E. FULLER, New York, N. Y.; said Fuller assignor to said Penfield. Filed Sept. 15, 1924. Serial No. 737,750. 1 Claim. (Cl. 214—41.)



An improved table for hacking machines comprising a base, a track mounted thereon, a frame, a plurality of shafts mounted for rotation therein, wheels secured to said shafts and associated with the tracks, alined bearings mounted on the top of said platform, and a framework provided with a plurality of parallelly arranged troughs mounted for tilting movement on said bearings.

1,576,993. PLUMBING FITTING AND FIXTURE. JOHN K. PENNINGTON, Los Angeles, Calif. Filed Jan. 10, 1922. Serial No. 528,193. 5 Claims. (Cl. 137—70.)

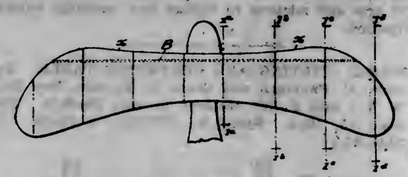


1. In a clean-out connection for a plumbing fixture, the combination of a body portion in the form of a T-connection, means for securing the side inlet of said connection to the discharge pipe of the urinal, means for securing one end of said body portion to a discharge pipe, and a removable member in the opposite end of said portion for gaining access thereinto, said removable member comprising a plug, a secondary plug carried by said plug removable to make a hose connection therewith, and means in said first mentioned plug to split and spread a stream of water passing therethrough.

1,576,994. DEINKING PAPER STOCK. JOSEPH E. PLUMSTEAD, Wilmington, Del., assignor to The Jessup & Moore Paper Co., Philadelphia, Pa., a Corporation of Massachusetts. Filed Nov. 16, 1925. Serial No. 69,499. 5 Claims. (Cl. 92—13.)

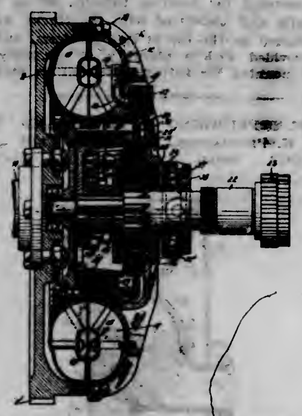
4. A method of de-inking paper stock, which consists in macerating the same, agitating the macerated stock with an alkali, introducing chlorine to said mixture, and cooking the resultant mixture.

1,576,995. AEROFOIL. CHARLES O. PROWSE, New York, N. Y. Filed June 22, 1921. Serial No. 479,688. 5 Claims. (Cl. 244—2.)



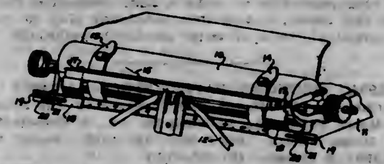
3. In an aerofoil, the combination of a rigid weight sustaining arm or beam, means for positively changing the camber of the wings to the front and to the rear of said beam, and automatically flexing trailing edges for said wings, said positively controlled camber progressively decreasing from the center to the tips and said automatically flexing trailing edges increasing in flexibility toward the tips of the aerofoil.

1,576,996. HYDRAULIC-POWER-TRANSMITTING APPARATUS. CARLTON R. RADCLIFFE, New York, N. Y. Filed Aug. 3, 1920. Serial No. 400,984. 19 Claims. (Cl. 60—54.)



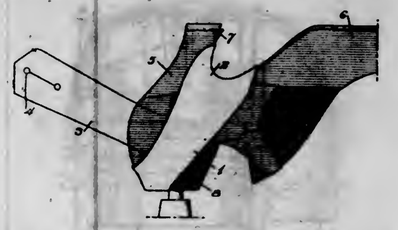
4. In a hydraulic power transmitting apparatus, the combination with a driving shaft, of a casing rotating therewith, a driven shaft, a primary turbine wheel disposed within and fixed to said casing, a secondary turbine wheel within said casing, and means also disposed within said casing for connecting or disconnecting, at will, said secondary turbine wheel and said driven shaft.

1,576,997. TYPEWRITER ATTACHMENT. MARIO G. E. ESENNA, Brooklyn, N. Y. Filed Feb. 19, 1924. Serial No. 693,757. 5 Claims. (Cl. 197—126.)



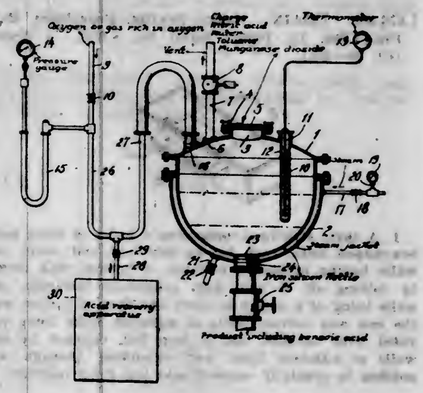
1. The combination with a platen, of a movable carriage therefor, and means attached to said carriage below the platen for separately supporting a plurality of ribbons in a manner to be independently removable.

1,576,998. WOOD-HEEL-BREAST-FLAP LAYER. ATTILIO SEBASTIANI, Portsmouth, Ohio, assignor to The Selby Shoe Company, Portsmouth, Ohio. Filed Apr. 17, 1924. Serial No. 707,056. 2 Claims. (Cl. 12—125.)



1. A heel breast flap holder comprising a resilient band adapted to be positioned about the breast of a heel, a portion of said band being wider than the remaining portion thereof, a resilient strap formed on said band and extended rearwardly therefrom, said strap being provided adjacent its outer end with a button hole for attachment to the top lift of the heel, to hold the said band in position.

1,576,999. METHOD OF OXIDIZING AROMATIC SIDE-CHAIN COMPOUNDS. PAUL SEIDEL, Jersey City, N. J., assignor, by mesne assignments, to Seydel Chemical Company, New York, N. Y., a Corporation of West Virginia. Filed July 16, 1921. Serial No. 485,342. 27 Claims. (Cl. 260—108.)

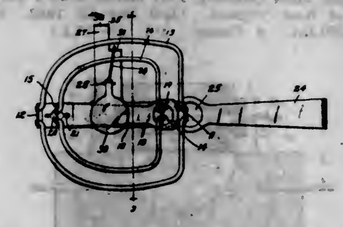


16. The method of oxidizing toluene to benzoic acid which comprises subjecting the toluene to the action of nitric acid of a concentration of about forty per cent under a pressure of from 40 to 80 pounds per square inch in the presence of an oxide of manganese, substantially as described.

1,577,000. GAME TRAP. WALTER RICHARD SMITH, New Orleans, La. Filed Apr. 12, 1923. Serial No. 631,599. 8 Claims. (Cl. 43—88.)

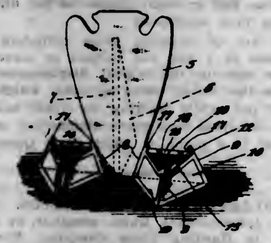
3. In a trap, the combination with a pair of jaws, a support at each end of the said jaws for pivotally supporting the same, a spring for closing said jaws, a bait pan having connection with the base, means movable into and out of operative position with the bait pan for setting the jaws, one of said supports being reduced adjacent its lower end to form a neck portion and said

spring having an opening whereby to permit slidable movement of said spring downwardly over the respective support below the pivotal point of the jaws with said



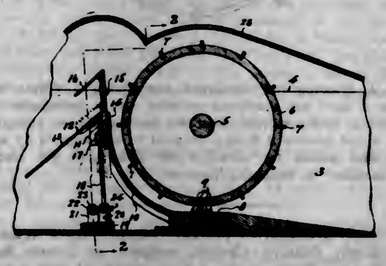
support and shiftable laterally into interlocking engagement with said neck portion, whereby said spring is removably held in place.

1,577,001. DISPLAY DEVICE. ADOLPH G. SNIDER, Brooklyn, N. Y. Filed July 14, 1924. Serial No. 725,779. 6 Claims. (Cl. 211—24.)



1. A display device formed from a single sheet of material and comprising a main display panel and lateral extension integral with each side of said panel and each consisting of a plurality of relatively foldable sections movable with respect to each other and with relation to said panel from a folded position in the plane of the main panel into spaced open relation to each other with a number of the sections on each side projecting in front of the main panel to provide a many sided supporting structure, said sections adapted to receive and support an article to be displayed upon the upper edges thereof.

1,577,002. PULP BEATING OR BREAKING MACHINE. WILMER C. STALEY, Tippecanoe City, Ohio. Filed Nov. 20, 1924. Serial No. 750,988. 3 Claims. (Cl. 92—22.)



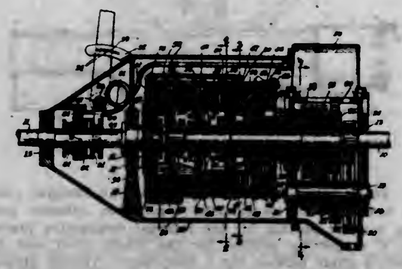
1. In a pulp beater or breaker, the combination with the beater roll of a stationary apron frame forwardly spaced from and substantially concentric to said roll, a transverse bridge-plate adjacent to the upper end of said apron frame and spaced therefrom to provide an intermediate substantially vertical slideway, a fixed downwardly and forwardly inclined backfall plate supported by said bridge-plate, an adjustable backfall member movable in said slideway, said backfall member having at its upper free margin a downwardly and forwardly inclined backfall flange, and means for raising and lowering said backfall member to adjust the height of the same.

1,577,003. METHOD AND MEANS FOR SOCKETING COMPOSITE WIRE STRANDS. CHARLES C. SUNDERLAND, Trenton, N. J., assignor to John A. Roebling's Sons Company, Trenton, N. J., a Corporation of New Jersey. Filed Feb. 14, 1924. Serial No. 692,629. 6 Claims. (Cl. 24—123.)



2. The method of socketing a composite strand having wires of different strength and elastic limit, which consists in socketing the weaker wires in a socket basket with a filling metal of low melting point to avoid amalgamation and permit slip of the wires under tension, socketing the stronger wires in a separate basket free to move in the socket and arranged at the larger end of the weaker wire basket, and filling said stronger wire basket with filling metal of higher melting point for securing amalgamation and utilizing the full strength of the wires.

1,577,004. CLUTCH MECHANISM. EUGENE T. TURNBY, Holmes, N. Y., assignor to George L. Hatheway, Charles L. Gosell, jr., and George C. Knott, all of Brooklyn, N. Y. Filed Dec. 23, 1922. Serial No. 608,662. 8 Claims. (Cl. 192—87.)



1. In combination, concentrically disposed driving members rotating at different speeds, concentrically arranged driven members disposed in opposition to the driving members and selectively operable fluid pressure

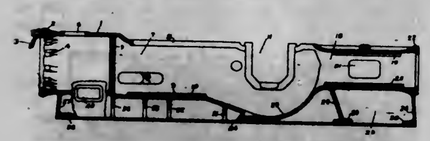
clutches between adjacent pairs of driving and driven members, there being two driven members for each speed, disposed at opposite sides of a driving member and each driven member having cavities in the opposite faces of the same with elements of the fluid pressure clutches seated therein.

1,577,005. BRAKE STRUCTURE. HERBERT A. WALKER, Fullerton, Calif., assignor to Frederick W. Smith, Whittier, Calif. Filed Dec. 22, 1922. Serial No. 608,485. 4 Claims. (Cl. 188—76.)



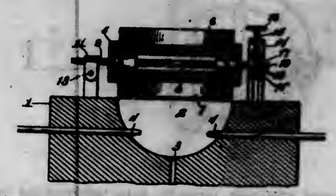
1. In a brake apparatus, a drum having a plane side plate for attachment to a given part and being marginally bent to form a lateral, circular flange of V-section presenting a re-entrant groove surface and a salient surface, each of said surfaces being continuous and smooth for application of braking elements; the flange forming an interior corner groove at the juncture of the flange and plate for the reception of the inner corner of a brake element to obtain a close up arrangement of the elements and the plate.

1,577,006. BED CASTING FOR GAS ENGINES. ELMER A. WATTS, Springfield, Ohio, assignor to The Miller Improved Gas Engine Company, Springfield, Ohio, a Corporation of Ohio. Filed Nov. 19, 1924. Serial No. 750,943. 8 Claims. (Cl. 123—195.)



1. In an internal combustion engine, an integral casting consisting of an internal combustion cylinder portion, a guide portion for the internal combustion piston rod, a supporting portion for the crank shaft and fly wheel, a guide portion for a compressor cylinder piston, means on said internal combustion cylinder portion for supporting a cylinder liner in spaced relation thereto, a plurality of transverse ribs, said walls and end walls integrally connecting, bracing and supporting said several portions of the casting.

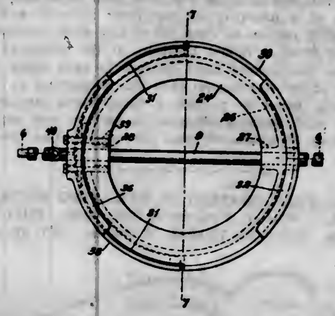
1,577,007. METHOD OF AND MEANS FOR DRAWING GLASS CYLINDERS. WILLIAM WESTBURY, Independence, Kans., assignor, by mesne assignments, to Harding Glass Company, Fort Smith, Ark., a Corporation of West Virginia. Filed May 12, 1922. Serial No. 560,434. 4 Claims. (Cl. 49—17.1.)



1. In a glass drawing apparatus, a glass drawing pot, a rotary support for the pot extending on a line diametrically of the pot in one direction and on which the pot is adapted to be tilted in a direction at right angles to such diametrical line, said support being fulcrumed at one end, and means operative upon the opposite end of the support for swinging said support on its fulcrum and tilting the pot in a plane coinciding with the said diametrical line and at right angles to the direction of tilting motion first mentioned.

4. In the art of drawing glass cylinders from a charge of glass in a pot, the method of correcting defective draws due to the lateral displacement of the cylinder from the normal drawing zone, which consists in tilting the pot, while drawing, on either one or both of two axes one lying in a plane diametrical of the pot and the other in a plane at right angle thereto.

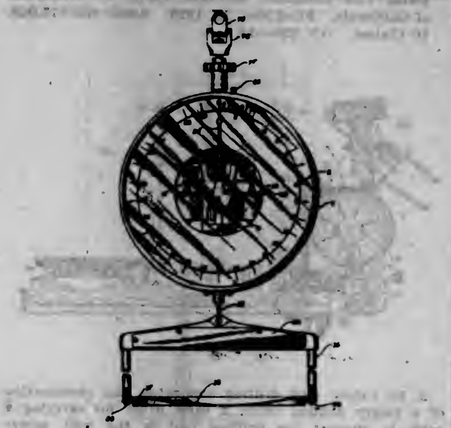
1,577,008. GLASS-DRAWING APPARATUS. WILLIAM WESTBURY, Independence, Kans., assignor, by mesne assignments, to Harding Glass Company, Fort Smith, Ark., a Corporation of West Virginia. Filed May 12, 1922, Serial No. 560,485. Renewed Jan. 21, 1926. 6 Claims. (Cl. 49—53.)



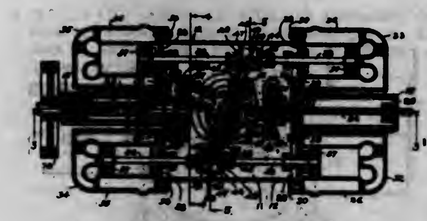
1. A drawing pot structure comprising a frame carrying a fixed pot clamping member and a removable pot clamping member, said members having flange engaging lips, a pot having a flange adapted to be engaged by said lips, and means for securing the removable pot clamping member in clamping position.

1,577,009. WEIGHING SCALE. LEWIS CALVIN WETZEL, Windsor, Ontario, Canada, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Sept. 25, 1922. Serial No. 590,231. 24 Claims. (Cl. 265—62.)

1. A load-counterbalancing pendulum for weighing scales comprising, in combination, a pendulum stem and a single unitary load-counterbalancing pendulum weight, the center of mass of said pendulum weight lying without the axis of said stem, said pendulum weight being so constructed that said center of mass may be swung about said axis.



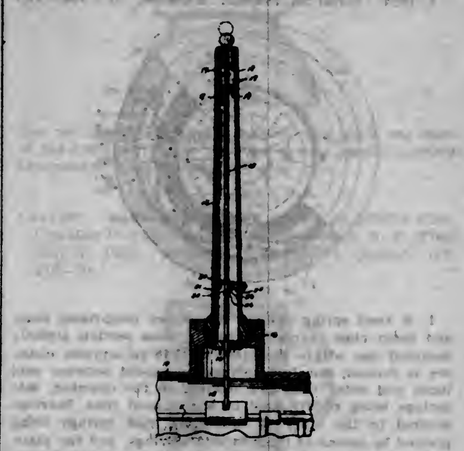
1,577,010. ENGINE. ALFRED H. WHATLEY, Providence, R. I., assignor to New England Motor Company, Incorporated, a Corporation of Rhode Island. Filed Oct. 26, 1925. Serial No. 64,834. 5 Claims. (Cl. 74—14.)



1. In an engine of the type set forth, aligned shafts, opposed cylinders, pistons in the cylinders, piston rods on the pistons, crossheads connecting the piston rods provided with transverse bores, blocks slidably mounted in the bores, crank disks on the shafts provided with transverse bores, blocks slidably mounted in the bores, aligned tubular posts between the disks, a frame, radial arms upon the frame pivotally attached to all the blocks, a diametrical bearing fast in the frame, a sleeve loose on the bearing, and trunnions on the sleeve journaled in the posts.

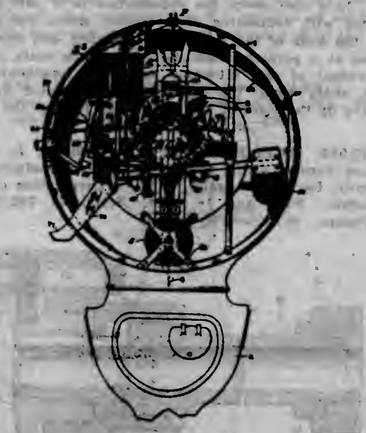
1,577,011. TRANSMISSION SHIFTING LEVER. WALKER CARTER, Baltimore, Md. Filed Apr. 22, 1924, Serial No. 708,265. Renewed Sept. 17, 1925. 1 Claim. (Cl. 70—128.)

In a transmission shifting lever and in combination, an outer lever section mounted for oscillation upon the transmission casing, a second section longitudinally shiftable through the first named section between certain limits and when at one limit of its movement engageable in the sockets of the shifting lugs of the transmission, and means mounted within the first named section and operatively engaging the second named section permitting elevation of the second named section but preventing return movement thereof after such elevation, comprising a hinged leaf carried by the first named section and



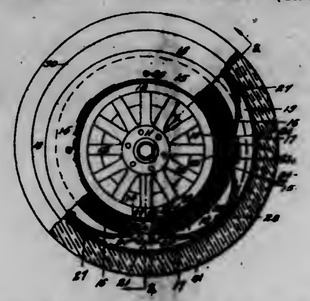
normally maintained in horizontal position therein, the second section being provided with an enlargement forming a downwardly facing shoulder, said leaf swinging upwardly to permit passage of said enlargement.

1,577,012. AUTOMATIC PRINTING SCALE. SAMUEL G. CRANE, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Nov. 21, 1919. Serial No. 339,685. 26 Claims. (Cl. 265—9.)



1. In a printing scale, in combination, weighing mechanism, a positioning member for determining the position of type carrying means, spaced stop members, connections between said stop members and said weighing mechanism to move said stop members into the path of said positioning member, and means controlled by said weighing mechanism for moving said positioning member into engagement with one of said stop members.

1,577,013. STEEL-SPRING CUSHION-TIRE DEVICE. DENNIS DONNELLY, Gilmore City, Iowa, assignor of one-fourth to John S. McBride and one-fourth to Edward A. Law, both of Fort Dodge, Iowa. Filed Oct. 1, 1924. Serial No. 741,042. 3 Claims. (Cl. 152—37.)



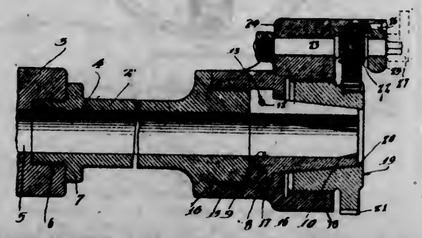
1. A steel spring cushion tire device comprising inner and outer rims channel shaped in cross section, slidably mounted one within the other so that an annular chamber is formed, flat leaf springs interposed between said inner and outer rims and received in the chamber, said springs being rigidly fixed to one of said rims, bearings secured to the other of said rims, said springs being pivoted by means of links to said bearings, and the plate, forming one side of said other of said rims being detachably secured to said bearings.

1,577,014. TIRE CHAIN. FREDERICK TAYLOR GAUSS, Wilmington, Del. Filed May 26, 1923. Serial No. 641,574. 4 Claims. (Cl. 152—14.)



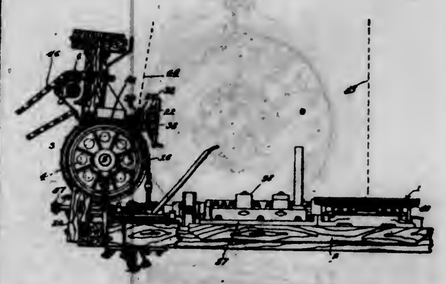
1. In a tire chain, the combination of a pair of side chains with connecting cross chains, means for attaching the ends of the side chains together, and means located at a point between the ends of the chain and independent of said attaching means for lengthening one side chain while the chain is being applied and for taking up the slack of the chain after it is on the wheel.

1,577,015. FUEL-FORMING DIE. HERBERT L. GLAZE, Los Angeles, Calif., assignor to United Products Company, Inc., Los Angeles, Calif., a Corporation of California. Filed Aug. 18, 1924. Serial No. 732,739. 4 Claims. (Cl. 25—17.)



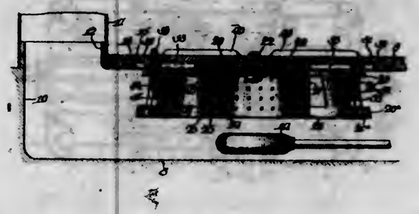
1. A fuel forming die comprising means providing a fuel forming bore, and segmental choke members operative to restrict the discharge from the bore, the segmental members having tapered outer surfaces, means engaging the outer surfaces shiftable relative thereto to expand or contract the segmental members and expandible means mounted with the segmental members for holding the said members together.

1,577,016. HIGH-SPEED ROTARY AND DRAW WORKS. ERWIN W. GOSSER, Los Angeles, and WILLIAM C. MCDUFFIE, Hollywood, Calif., assignors to Union Tool Company, Torrance, Calif., a Corporation of California. Filed Nov. 19, 1923. Serial No. 675,529. 10 Claims. (Cl. 255—19.)



1. In rotary well drilling apparatus, the combination of a rotary drilling table, a cable drum for carrying a cable to support the drilling tool in the well, power actuated means for driving the drum, means for disconnecting the power-drive to the drum at will, two-speed hand actuated mechanism, and means for connecting the same at will to the drum for rotating the drum by hand at either speed.

1,577,017. GASEOUS-FUEL STOVE. FRED GRUB, Chicago, Ill. Filed Sept. 15, 1924. Serial No. 737,686. 4 Claims. (Cl. 126—214.)



1. The combination with a stove having a combustion chamber provided with a top wall having an opening therein, an outlet stack for the products of combustion, and a burner for gaseous fuel disposed in said chamber and under said opening, of a cover for the opening in the top wall of the stove consisting of a substantially flat top member having an outwardly extending rim adapted to set upon the margin of the top wall adjacent the opening to support the cover, said top member being provided with openings to permit the products of combustion to pass therethrough directly to a vessel disposed over the cover, and a depending member disposed inwardly of the rim and within the combustion chamber for directing the said products of combustion to said top member, said depending member having openings therein for permitting the said products to pass under the top wall of the stove laterally to the stack, and means for conjointly closing the openings in the top member and for opening the openings in the depending member so the products will pass directly to the stack and be prevented from passing through the top member, and for opening the openings in the top member and closing the openings in the depending member so the products will pass directly through the top member of the cover to the said vessel.

1,577,018. WEIGHING MECHANISM. CLARENCE H. HARPOOL, Toledo, Ohio, assignor to Toledo Scale Company, Toledo, Ohio, a Corporation of New Jersey. Filed Dec. 10, 1919. Serial No. 343,854. 5 Claims. (Cl. 265—49.)



1. In weighing mechanism, in combination, a ceiling bracket, a lever fulcrumed thereon, a commodity-receiver connected to one end of said lever, a floor connection, a lever fulcrumed thereto, a connection between said levers, a weighing scale, and a connection between the second said lever and said scale.

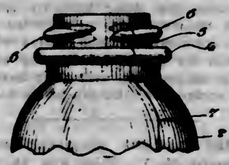
1,577,019. ANGULAR SIDE OR DECAGON CAP. CHARLES HAMMER, Hollis Court Boulevard, N. Y. Filed July 7, 1923. Serial No. 650,113. 13 Claims. (Cl. 215—44.)



1. A combined lug and friction holding container cap of metal comprising a top and a shallow depending polygonally formed flange or skirt having a rolled, curled or beaded lower edge provided with inwardly extending locking lugs formed therefrom adapted to engage under inclined container projections, such polygonal formation being so proportioned as to frictionally engage the outer faces of said inclined container projections and prevent the premature backward rotation of the cap.

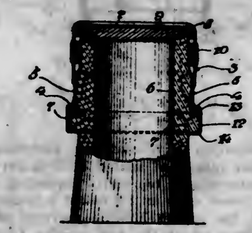
1,577,020. TWO-THREAD GLASS CONTAINER. CHARLES HAMMER, Hollis Court Boulevard, N. Y. Filed July 7, 1923. Serial No. 650,114. 5 Claims. (Cl. 215—1.)

1. A seamed glass container having a shoulder and provided with a thread crossing the seam of the container, the lower end of the thread at its underside from the seam running parallel with the shoulder and at the opposite side of the seam having an angle of helix such



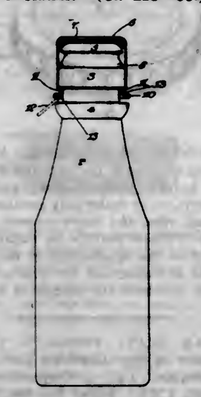
that the thread will have a shallow, easy pitch, the seam of the container at the juncture of said parallel portion and pitched portion forming a stop face.

1,577,021. BAND-SEALING FRICTION CATCHUP CAP. CHARLES HAMMER, Hollis Court Boulevard, N. Y. Filed July 7, 1923. Serial No. 650,116. 6 Claims. (Cl. 215—38.)



1. A reusable double side seal catchup cap adapted for use with a shouldered catchup container and comprising a top having a long depending flange or skirt, said cap having a pair of sealing bands for initially securing and sealing the cap on to a catchup bottle, said sealing bands comprising an annular preformed friction band in the skirt of the cap and smaller than the normal diameter of the skirt, and an annular detachable band applied to the skirt of the cap and to the shoulder of the container, said preformed annular band also securing and sealing the contents of the container on the removal of said detachable band and the subsequent snapping on of the cap.

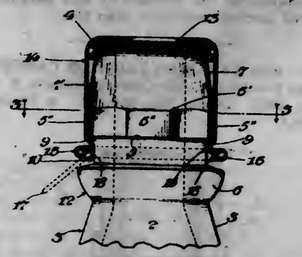
1,577,022. METAL CAP. CHARLES HAMMER, Hollis Court Boulevard, N. Y. Filed Jan. 17, 1924. Serial No. 686,708. 4 Claims. (Cl. 215—38.)



1. A pry-off and reusable metal cap comprising a top and a long depending skirt forming a catsup cap, said skirt having in proximity to its lower edge two inwardly projecting walls forming a holding portion formed in the

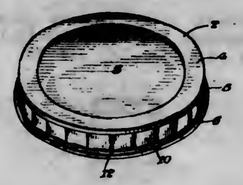
cap while the cap is on the container and functioning under the shoulder of the container as the sole holding element of the cap, the lower inwardly projecting wall terminating at its lower edge in a curled or reinforced portion spaced from said holding portion whereby a coin may be inserted for prying off the cap and thereafter the cap readily snapped on, said skirt having a smooth and unbroken surface from its top to its holding portion.

1,577,023. METAL CAP. CHARLES HAMMER, Hollis Court Boulevard, N. Y. Filed Feb. 16, 1924. Serial No. 693,174. 11 Claims. (Cl. 215—38.)



1. The combination of a container provided with an annular shoulder formed of spaced holding portions, and a metal cap comprising a top and a depending skirt having above its lower edge an inpressed annular bead cooperating with the spaced holding portions of the container, the prying off of the cap serving to deform or iron out those portions of the bead cooperating with the spaced holding portions of the container leaving the undeformed portions of the cap bead in position to subsequently register with the spaced holding portions of the container whereby the cap may be either snapped or rotated on to the container.

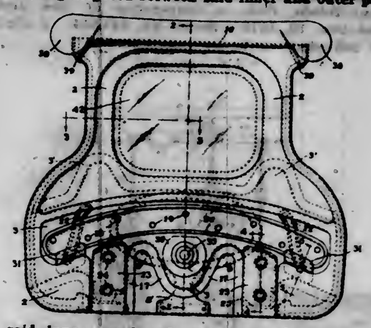
1,577,024. FRICTION TUMBLER CAP. CHARLES HAMMER, Hollis Court Boulevard, N. Y., assignor to American Metal Cap Company, Brooklyn, N. Y., a Corporation of New York. Filed Oct. 1, 1924. Serial No. 740,892. 7 Claims. (Cl. 215—38.)



1. A metal friction cap comprising a top and a depending skirt having exteriorly therearound a series of widely spaced apart narrow vertical ribs exteriorly connected by concaved surfaces of materially greater circumferential width than said ribs, the inner convex face of each of which forms a friction surface to engage the glass container, whereby on the application of the cap each of the convex faces is flattened out to form a friction surface of substantially one-half the length of such convex face.

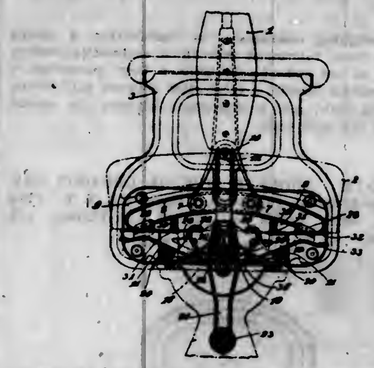
1,577,025. CAR SEAT. CONRAD T. HANSEN, Detroit, Mich., assignor to The American Motor Body Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed Jan. 17, 1924. Serial No. 686,723. 10 Claims. (Cl. 155—195.)

1. In seat end construction of the character described, in combination, a metallic spider having offset attachment portions for connecting rails, a metallic outer panel covering said offset portions on the outside, and a metallic inner panel cut away at said attachment portions, said spider being disposed between said inner and outer panels,



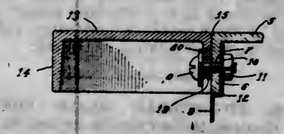
and said inner panel and said outer panel and spider being all secured together rigidly, substantially as described.

1,577,026. CAR SEAT. CONRAD T. HANSEN, Detroit, Mich., assignor to The American Motor Body Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed Feb. 19, 1924. Serial No. 693,743. 7 Claims. (Cl. 155—101.)



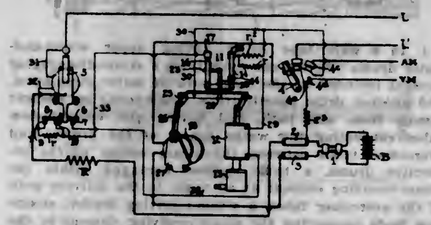
1. In car seat construction, the combination with a pair of spaced connecting rails, end supports for the connecting rails, each connecting rail having secured thereto intermediate said supports a pair of spaced foot rest hangers, truss members extending between and secured rigidly to corresponding front and rear hangers, and each pair of hangers having a foot rail rigidly secured thereto.

1,577,027. END-SHELF SUPPORT. STANLEY H. HOBSON, Rockford, Ill., assignor to Geo. D. Roper Corporation, Rockford, Ill., a Corporation of Illinois. Filed Apr. 16, 1925. Serial No. 23,480. 2 Claims. (Cl. 126—332.)



1. In a stove, the combination with a top and an adjacent shelf to be arranged in flush, contiguous relation therewith, of a plurality of bolts passing through openings in the side of the top toward said shelf and arranged to provide projections for reception in open ended slots provided in the side of said shelf for supporting and fastening said shelf to said top in the aforesaid relation therewith and enabling tightening of the juncture between the shelf and top, said bolts being arranged to be inserted flush with the side of the top and to be tightened so as not to project from the side of the top when said shelf is not to be mounted thereon.

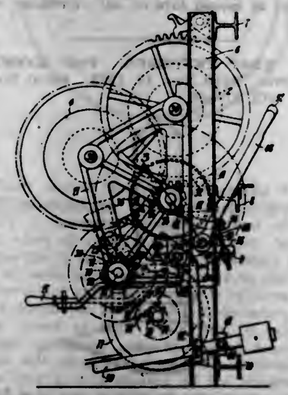
1,577,028. BATTERY-CHARGING APPARATUS. ALBERT J. HOUTON, White Plains, N. Y., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Jan. 17, 1920, Serial No. 352,181. Renewed Aug. 3, 1925. 9 Claims. (Cl. 171—314.)



1. In combination a storage battery, a charging circuit therefor, a device for coupling the terminals thereof, means for normally interrupting said circuit and for completing said circuit automatically upon coupling of said battery thereto, said means including an electro-responsive device having an operating winding to be subjected by said coupling device to current from said battery to individually effect response thereof, means for delaying operation of said electro-responsive device, and means for de-energising said winding upon response of said device.

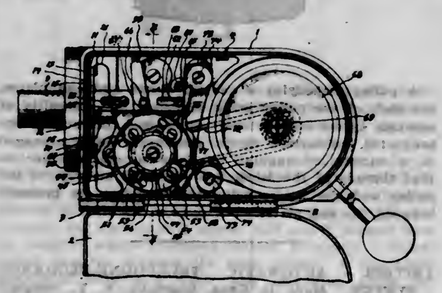
4. In combination, a storage battery, a charging circuit therefor, a device for coupling the terminals thereof and electro-responsive means normally interrupting said charging circuit and responsive to complete said circuit upon coupling of the battery thereto, said means having a plurality of windings, certain of said windings being subjected by said coupling device to current from said battery and being disconnected from said battery by response of said means and other of said windings being subjected to current from said charging circuit to maintain said means effective to complete said charging circuit.

1,577,029. HOISTING MECHANISM. JOHN T. HORTON, Brooklyn, N. Y. Filed Nov. 2, 1923. Serial No. 672,328. 2 Claims. (Cl. 254—185.)



1. In a hoisting mechanism the combination of a control-shaft, opposite pinions mounted for free rotation on said shaft, an infacing friction member carried by each pinion, opposite friction members slidably mounted on said shaft for engagement with said pinion friction members respectively, said slidable friction members being constrained for rotation with said shaft, a fixed double faced cam about said shaft between said slidable friction members, a cam mounted for oscillation on said shaft and for engagement with said fixed cam between each of said slidable friction members and said fixed cam, a rock shaft having a lever fixed thereto, means operably connecting said rock shaft and one of said oscillatable cams, a tubular rock shaft about said rock shaft and having a lever fixed thereto, means operably connecting said tubular rock shaft with the other oscillatable cam, said levers being operable simultaneously or independently at will, a motor mounted on said mechanism, and means for rotating said control-shaft at either of a plurality of speeds from said motor.

1,577,030. INTERMITTENT FEED MECHANISM. ALBERT S. HOWELL, Chicago, Ill., assignor to Bell & Howell Company, Chicago, Ill., a Corporation of Illinois. Filed July 1, 1922. Serial No. 572,169. 14 Claims. (Cl. 88—18.4.)



1. An intermittent film feeding mechanism including a film feeding shuttle mounted for pivotal movement and for movement along its pivotal axis and provided with spaced opposing surfaces extending transversely of its pivotal axis, a radial cam engaged between said surfaces to effect reciprocating movement of the shuttle along its pivotal axis, and a rotating axial cam for effecting oscillating movement of the shuttle on its pivotal axis and connected to rotate in timed relation with the radial cam whereby to effect closed path intermittent film feeding movement of the shuttle.

1,577,031. RELAY. WILLIAM KAISLING, Chicago, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 10, 1920. Serial No. 350,590. 13 Claims. (Cl. 175—345.)



1. A relay structure of the class described, including a heel iron having integrally formed lugs at its one end, an armature provided with orifices through which said lugs protrude and means secured to the other end of said heel iron and adapted to cooperate with the armature to retain the said armature in its pivoted position.

7. In a relay, the combination with a magnet and a core, of an armature having two arms at an angle to each other, a heel iron provided with a pair of lugs at its forward end, a pair of orifices in said armature intermediate of its ends adapted to receive said lugs, a latch secured to said heel iron provided with an orifice, an angular extension integrally formed upon the arm of the armature which extends parallel with the said

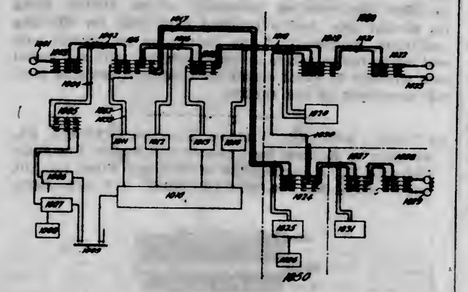
heel iron, the said extension entering the orifice in the said latch when the armature is fulcrumed to the forward end of the said heel iron to maintain the said armature in operative relation with the core of said magnet.

1,577,032. PULLEY. FRANK J. KARG and LEO HERMAN, Tallmadge, Ohio, assignors to The Herman Machine and Tool Company, Akron, Ohio, a Corporation of Ohio. Filed Jan. 28, 1924. Serial No. 689,122. 1 Claim. (Cl. 64—17.)



A pulley embodying a central sleeve and end plates, the body of the pulley being composed of a plurality of separate layers of previously vulcanized, thoroughly impregnated, rubberized fabric, the layers being arranged in a variety of angular relations to one another so that threads of the fabric are presented endwise of the pulley and the layers being held together by pressure between the end plates.

1,577,033. AUTOMATIC TELEPHONE-EXCHANGE SYSTEM. MARK B. KNAN, Rosebank, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 23, 1924. Serial No. 708,358. 20 Claims. (Cl. 179—18.)



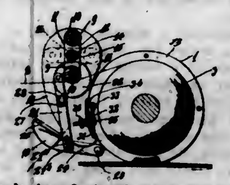
1. In a telephone exchange system, calling lines, called lines, selective switches for extending a calling line to one of said called lines, a mechanism accessible in common to a plurality of selective switches for controlling the operation thereof, means in said mechanism for recording the designation of a called line, means operable in accordance with said recorded designation for causing said selective switches to operate to extend the calling line, means for nullifying a portion of said recorded designation and for causing one of said switches to extend said calling line towards said called line independently of the designation of said called line, and means for completing the extension of said calling line to said called line in accordance with said recorded designation.

1,577,034. STEAM BOILER. EDGAR KIDWELL, Milwaukee, Wis., assignor to Kidwell Boiler Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Dec. 4, 1923. Serial No. 678,409. 2 Claims. (Cl. 122—302.)



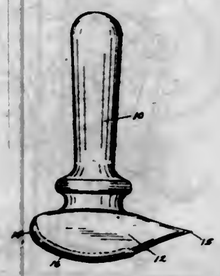
1. In a water-tube boiler having upper steam-and-water drums whereof one constitutes a steam-disengaging element included in the main path of water circulation, and another drum constitutes a steam-receiving element remote from said path, and having also opposite-flow tubes connecting the water spaces of the drums, and overcomer tubes between the steam spaces of the respective drums, a baffle member arranged within the steam-receiving element at an angle to the delivery path of the overcomer tubes, a steam-receiving header, steam-flow leads connecting the steam-receiving element to the header, said leads extending directly below and longitudinally of the over-comer tubes to constitute a superheater, and a blow-off pipe for the bottom of the steam-receiving element.

1,577,035. LINE-LAYING DEVICE FOR FISHING REELS. EMIL A. KLEIN, Los Angeles, Calif. Filed Aug. 3, 1925. Serial No. 47,657. 10 Claims. (Cl. 242—84.4.)



1. In a line laying device for a fishing reel, the combination of a drum with means for rotating the same, a movable frame supported adjacent the drum, a free running roller with a helical guide groove thereon to receive the line mounted on the frame and operating to guide the line along the drum as the coils of the line pass on to the same, said movable frame enabling the roller to be moved into or out of contact with the line.

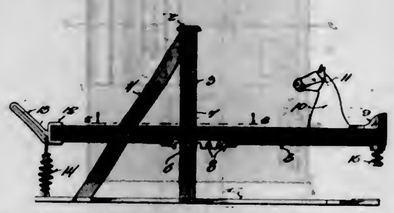
1,577,036. MEAT TENDERER. FRED KNEIFEL, Barberton, Ohio. Filed Nov. 18, 1925. Serial No. 69,758. 1 Claim. (Cl. 17—30.)



A device for use in tendering meats, an integral cast metal body having a handle and a head at one end of the handle and at right angles thereto, the handle being

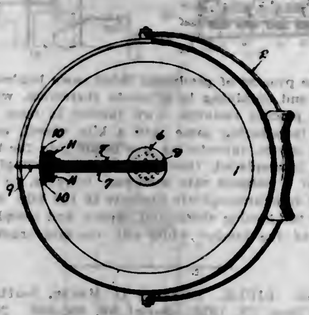
located approximately centrally of the head, the head being substantially oval in cross-section with one end rounded and the other provided with a blade, and a plurality of sharpened corrugations formed over the face and the rounded end of the head.

1,577,037. AMUSEMENT APPARATUS. CHARLES KOCHER, Kenosha, Wis. Filed Oct. 31, 1924. Serial No. 747,028. 1 Claim. (Cl. 272—55.)



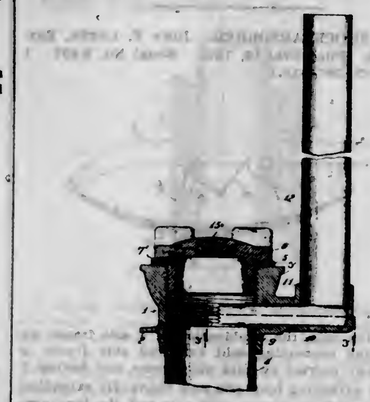
A device of the character described, comprising, a base, a standard carried by said base, a fulcrum carried by the standard, a beam mounted on said fulcrum and provided with an occupant seat at one end, an upright secured on the beam in front of said seat and provided with handles, an upwardly inclined loop carried by the opposite end of said beam, a counter-balance spring having one end anchored to said base and the other end slidably secured within said loop, and means for cushioning the free end of said beam.

1,577,038. PORTABLE SHOWER APPARATUS. MARTIN KVITLE, Cambridge, Wis. Filed Oct. 9, 1925. Serial No. 61,513. 1 Claim. (Cl. 4—151.)



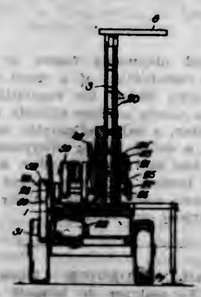
A portable shower apparatus comprising a container of bucket-like formation having a bottom provided with a plurality of apertures, a spring formed of a pair of duplicate wires of resilient material each having right angle arms and a coiled portion intermediate such arms, one pair of arms being rigidly secured to the inner side of said container and the other pair of arms extending outwardly across the bottom of said container and being integrally joined at their outer ends, a valve secured to said last mentioned arms and urged downwardly by said arms into closing position with reference to said apertures, and a cord secured to the integrally joined portion of said last mentioned arms and extending upwardly and over the side of the container.

1,577,039. FLOOR DRAIN. FRED LAVIN, Chicago, Ill. Filed Aug. 26, 1924. Serial No. 733,905. 1 Claim. (Cl. 137—78.)



A floor drain comprising a vertically disposed internally threaded sleeve open at each end provided between its ends and at its upper end with external annular flanges, adapted to be embodied in the concrete of a floor and with the upper face of the upper flange substantially flush with the floor surface, said sleeve adapted for threaded connection with the mouth portion of a trap to thereby provide an internal annular shoulder within and between the ends of said sleeve, said sleeve formed with an integral lateral extension thereby providing a lateral outlet therefor between the ends thereof, a stand-pipe associated with said outlet and extending above the maximum probable flood level of back-flow water, an element having an externally threaded lower portion and an annular flange above said threaded portion and spaced from said threads by a plane peripheral portion, said element adapted for removable association with the upper portion of said sleeve for preventing backflow of water through said sleeve in time of flood, and a flexible gasket surrounding said plane peripheral portion and disposed between the lower face of said last-named flange and the top face of the upper flange of said sleeve for providing a water-tight joint.

1,577,040. PORTABLE HOIST. FRANS OSCAR LARSON, Chicago, Ill. Filed Dec. 10, 1923. Serial No. 679,531. 8 Claims. (Cl. 187—9.)



5. In a hoist of the class described, in combination, a supporting base, drums upon said base, an extensible column comprising a plurality of links forming chain-like

members arranged in parallel relation, teeth formed on the same side of said links, and a single gear engaging said teeth for driving said chain-like members.

1,577,041. SHOCK ABSORBER. JOHN F. LUETH, Roxbury, Wis. Filed Feb. 16, 1925. Serial No. 9,497. 1 Claim. (Cl. 267—10.)



In an automobile, the combination of a side frame, an axle, a spring connecting said axle and side frame, a lever pivotally carried by said side frame and having a downwardly extending long arm and outwardly extending short arm, a link connecting said axle and the long arm of said lever, and a friction device carried by the side frame and connected with the short arm of said lever, said friction device resisting motion of the short arm in one direction only.

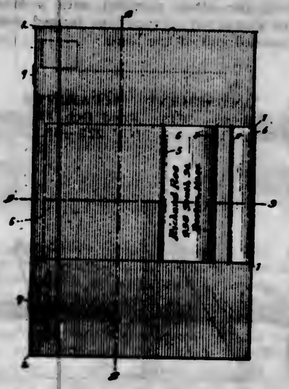
1,577,042. LIQUID-DISPENSING FAUCET. BERNARD LUTSKY and SIMON KREISBERG, Brooklyn, N. Y. Filed Sept. 24, 1925. Serial No. 58,300. 3 Claims. (Cl. 251—116.)



2. In a liquid dispensing faucet of the character designated, the combination of a spout member formed with a valve seat, means for regulating the flow of liquid thereto, a nozzle member slidably mounted within said spout member, a valve adjustably mounted on said nozzle member, a coiled spring interposed between said nozzle member and said spout member, and a manipulative rock lever formed with cam means, engaging with said slidable nozzle member, substantially in the manner and for the purpose set forth.

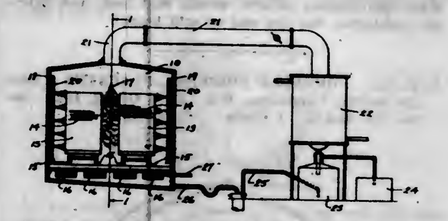
1,577,043. MAILING DEVICE. HENRY B. MACKEY, Newark, N. J., assignor to himself and Joseph A. Evans, New York, N. Y. Filed Feb. 12, 1924. Serial No. 692,281. 4 Claims. (Cl. 229—92.8.)

1. A mailing device comprising a foldable body portion having at one end a projecting tongue, and at the other end slits for the passage of said tongue to provide multiple holding means for the tongue when the latter is



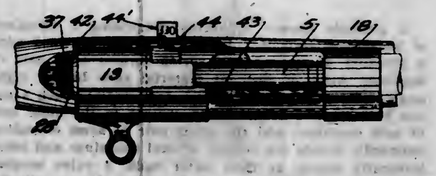
engaged in said slits, the lowermost slit with the return tongue portion serving to lock and hold the free margins of the body portions reliably in place.

1,577,044. PROCESS OF PRESERVING RESINOUS LUMBER AND PRODUCING BY-PRODUCTS THEREFROM. WILLIAM H. MASON, Laurel, Miss. Filed Dec. 17, 1920. Serial No. 431,475. 4 Claims. (Cl. 34—24.)



1. The process of producing dried sawn lumber of good quality and obtaining by-products therefrom, which consists in placing resinous sawn lumber in open order on trucks, introducing same into a kiln closed, except for a vapor outlet, introducing live steam into the kiln until the air is displaced, then continuing the supply of live steam at a reduced rate sufficient, however, to maintain a slight superatmospheric pressure in the kiln, while condensing the issuing steam and vapors, and completing the drying of the lumber while still on said trucks.

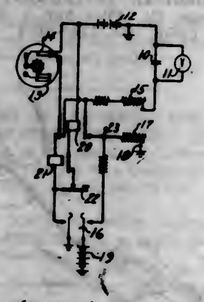
1,577,045. RIFLE. CHARLES D. MEYER, Seattle, Wash. Filed Sept. 29, 1923. Serial No. 665,669. 26 Claims. (Cl. 42—16.)



1. In a rifle action, an operating slide provided with lug elements, and a bolt of the Mauser type with its rear portion formed to serve as an extracting cam and also as a stop for the lugs of the operating slide.

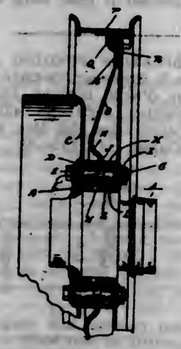
8. In a rifle action of the rectilinear type, a breech bolt, a bolt sleeve provided with a stop block thereon, a cocking piece, and an operating slide having in its rear end an opening for said bolt sleeve, a slot for said stop block and a way for the cocking piece.

1,577,046. TESTING SYSTEM. OLIVER R. MILLER, Brooklyn, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Mar. 22, 1924. Serial No. 701,004. 18 Claims. (Cl. 175—183.)



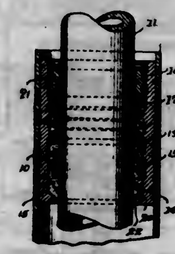
1. The method of measuring percentage of break to make in a circuit interrupting device consisting in establishing a certain potential in a circuit, disconnecting the means for establishing said potential, setting the interrupting device in operation, connecting it to the circuit in which the potential is established, and observing the change in said potential.

1,577,047. VEHICLE WHEEL. ALDEN L. PUTNAM, Detroit, Mich., assignor, by mesne assignments, of one-half to Motor Wheel Corporation, Lansing, Mich., a Corporation of Michigan, and one-half to The Midland Steel Products Company, Cleveland, Ohio, a Corporation of Ohio. Filed Mar. 24, 1919. Serial No. 284,715. 7 Claims. (Cl. 301—63.)



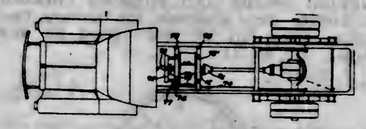
3. In a vehicle wheel, the combination with a hub having a cylindrical portion and an outwardly extending portion adjacent to the central plane of the wheel, a rim, and a disk extending between said hub and rim having a central portion seated on the outwardly extending portion of the hub, a dished portion extending from said central portion to one side of the central plane, and an oppositely dished portion extending from first mentioned dished portion crossing the central plane and secured to the rim on the opposite side thereof.

1,577,048. STEERING-COLUMN STRUCTURE. STANLEY R. THOMAS, Cleveland, Ohio, assignor to Jordan Motor Car Company, Inc., Cleveland, Ohio, a Corporation of Delaware. Filed Apr. 23, 1925. Serial No. 25,229. 8 Claims. (Cl. 74—89.)



1. In an automobile steering apparatus the combination with a fixed tubular column and a rotatable steering post extending through said column, of a bushing for said post mounted in said column, comprising a tubular housing engaging the interior wall of said column, an annular packing carried by said housing, and means carried by said housing for compressing said packing tightly against said post, the lateral movement of said post in said housing and column being resisted by said compressed packing to prevent rattling.

1,577,049. FLUID BRAKE. NILS THUNELL, Los Angeles, Calif. Filed Feb. 24, 1925. Serial No. 11,139. 12 Claims. (Cl. 188—90.)



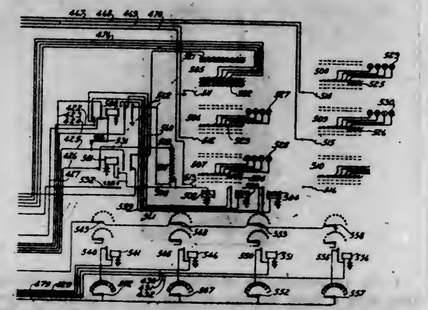
1. A hydraulic brake comprising: parti-cylindrical fluid chambers disposed laterally with reference to a shaft whose rotation is to be controlled; rotors therein, driven from said shaft and cooperating with a transverse plate in defining fluid spaces; a notched drum rotated by said shaft and also cooperating with said rotors; vanes movable longitudinally of said rotors; and means for shifting said vanes longitudinally of said rotors.

1,577,050. PNEUMATIC-TIRE FABRIC. DANIEL MICHEL WEIGEL, London, England, assignor, by mesne assignments, to American Wire Cord Tire Company, Wilmington, Del., a Corporation of Delaware. Filed Apr. 23, 1920. Serial No. 376,104. 1 Claim. (Cl. 154—53.)



A fabric for pneumatic tire casings consisting solely of sheets of vulcanizable rubber, independent flexible metallic wire strands embedded in said rubber and each complete strand being separated from adjacent complete wire strands by the said rubber, the said wire strands being disposed sufficiently close together to so divide the rubber that the latter in conjunction with the said wire strands can together of themselves resist air pressure after the fabric sheet is formed into a casing.

1,577,051. TELEPHONE SYSTEM. WALTER P. ALBERT, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 29, 1920. Serial No. 420,418. 14 Claims. (Cl. 179—18.)



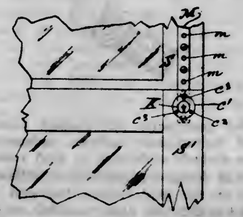
1. In a telephone system, a telephone line, an automatic switch having a plurality of line extending positions for extending said line, a selective switch having a plurality of differing directed movements, means for transmitting successive series of impulses over said line to said selective switch, means responsive to said impulses for operating said selective switch, and means operated in accordance with the position taken by the selective switch for directively controlling the positioning of said automatic switch.

1,577,052. METHOD AND APPARATUS FOR COMMINUTING SOLIDS AND FORMING COLLOIDAL SOLUTIONS. OTTO AUSPITZER, Neu Oderberg, Czechoslovakia. Filed July 23, 1925. Serial No. 45,606. 6 Claims. (Cl. 83—11.)



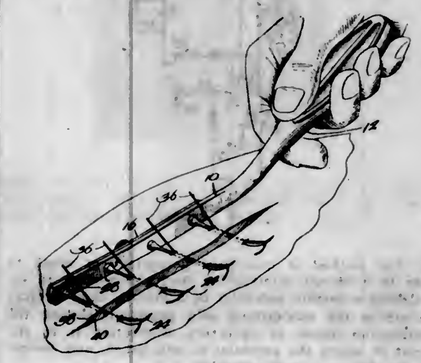
1. The herein described method of comminuting solids and forming colloidal solutions, which consists in causing a stream of a mixture of solids and liquid to flow in a substantially straight constrictedly confined course through and at one side only of the path of movement of a disintegrator whereby said stream will be acted upon without being carried along with the disintegrator.

1,577,053. WINDOW-SASH-SECURING MEANS. ISAAC BEIN, New York, N. Y. Filed Apr. 14, 1924. Serial No. 706,368. 2 Claims. (Cl. 70—14.)



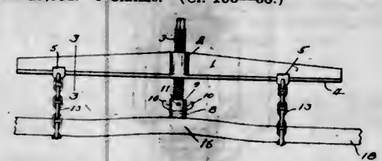
1. Window sash securing means of the character designated, comprising a casing formed with an inner abutment and with a longitudinal slot, a bolt slide mounted in said casing and formed with an integral bolt at one extremity, and an integral spindle stud at its other extremity, a coil spring interposed between said bolt slide and the inner end of the casing, a rotatable manipulative knob mounted on said spindle stud, and formed with a key slot, a screw stud on the bolt slide extending through said longitudinal slot in the casing, and a spring latch mounted on said bolt slide for engagement with said abutment on the casing, substantially in the manner and for the purpose set forth.

1,577,054. SURGICAL INSTRUMENT. BORIS BERKMANN, Chicago, Ill. Filed Nov. 3, 1924. Serial No. 747,466. 1 Claim. (Cl. 128—340.)



A surgical instrument of the class described having a needle having a shoulder near the end, a head at the end, and a slot between the shoulder and the head, a locking bar having an aperture for receiving the head portion of the needle beyond the shoulder, the shoulder being adapted to abut the front of the holder bar, and a locking bar slidably mounted upon the back of the holder bar and having a T slot, one portion of which is large enough to pass the head of the needle, and the other part of which is narrowed for engaging the head of the needle to prevent it from being withdrawn from the holder bar.

1,577,055. COMBINATION PUSHING AND PULLING JACK. GEORGE Z. BERTSCHY, Oakland, Calif., assignor to Jesse Weldon O'Neill, Oakland, Calif. Reflled for abandoned application Serial No. 428,468, filed Dec. 6, 1920. This application filed Mar. 30, 1925. Serial No. 19,534. 4 Claims. (Cl. 153—38.)

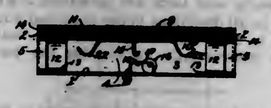


1. A pulling and pushing jack comprising a beam, holding blocks mounted on said beam, a screw extending therethrough, a swiveled head on the screw, a loose tiltable collar seated on the back of the head and laterally extending means on said collar for the attachment of pulling devices.

1,577,056. ENGINEER'S AND DRAFTSMAN'S LOOSE-LEAF SKETCH AND PRINT CASE. CARL BJORK, Wilmington, Calif. Filed Dec. 28, 1921. Serial No. 525,866. 11 Claims. (Cl. 45—131.)

11. A case having an open top, side walls, and an end wall; ledges secured to said end and side walls;

a follower in said case; resilient means adapted to hold said follower against said ledges; a cover adapted to close said open top; and means to hold said follower away

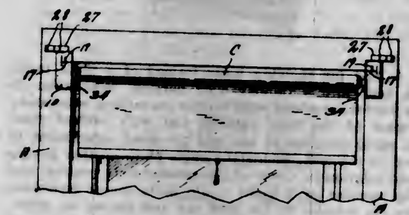


from said ledges comprising a catch and a movable latch adapted to be moved by gravity to and from the path of said catch for the purpose set forth.

1,577,057. METHOD OF AND MEANS FOR STABILIZING LIQUID HYDROCYANIC ACID. GUY H. BUCHANAN, Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y., a Corporation of Maine. Filed Sept. 16, 1925. Serial No. 56,745. 12 Claims. (Cl. 23—250.)

1. A method of stabilizing liquid hydrocyanic acid which comprises adding thereto a small amount of a halogen compound thereof.

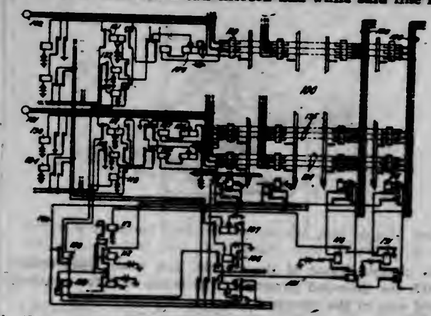
1,577,058. CURTAIN-SUPPORTING DEVICE. EVERETT A. BURNS, Chicago, Ill. Filed Jan. 6, 1925. Serial No. 863. 4 Claims. (Cl. 156—24.)



1. A curtain support of the character described comprising two like coacting supporting members, each having means whereby it may be detachably engaged with the facing of a window casing at opposite sides of the window opening, each of said members being hollow, a transversely extending rod mounted within each of said members and the face of each member being transversely slotted and the slot being toothed, a bracket pivotally mounted on each rod and extending through said slot and having slight vertical movement therein and when lowered engageable with the toothed edge of the slot to hold the bracket in adjusted position, and a spring surrounding the rod and engaging on one side of the bracket to urge the bracket in one direction.

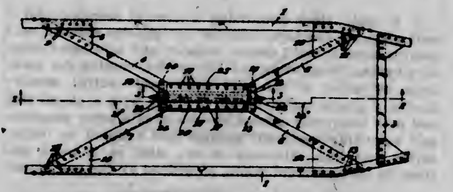
1,577,059. TELEPHONE-EXCHANGE SYSTEM. EDGAR H. CLARK, Richmond Hill, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Feb. 7, 1924. Serial No. 691,186. 10 Claims. (Cl. 179—18.)

1. In a telephone system, a plurality of lines, an automatic switch for extending said lines, means responsive to the initiation of a call on any one of said lines for preparing said automatic switch for operation, means effective upon the extension of said calling line for maintaining said automatic switch in operated condition, means for seizing said calling line as a called line, and means effective when said line has been so seized subsequent to initiation to a call thereon and while said line is



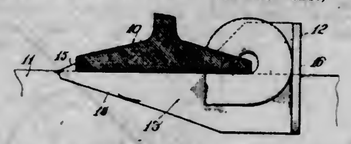
in the process of being extended by said automatic switch for precluding further functioning of said automatic switch in the extending of said line.

1,577,060. CHASSIS-FRAME CONSTRUCTION. RODNEY D. DAY, Haverford, Pa., assignor to The American Motor Body Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed May 10, 1924. Serial No. 712,186. 6 Claims. (Cl. 280—106.)



1. The combination with a chassis frame stiffener, comprising a plurality of members including stiffening arms arranged in diagonal fashion, a bracket extending between and secured to two of said members, and a propeller shaft bearing carried on said bracket.

1,577,061. RAIL ANCHOR. WILLIAM H. DE BUSK, Chicago, Ill., assignor to The P & M Company, Chicago, Ill., a Corporation of Illinois. Filed June 16, 1925. Serial No. 37,943. 21 Claims. (Cl. 238—329.)

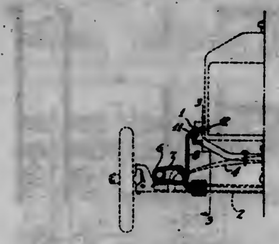


17. A rail anchor comprising a clip adapted to be driven into gripping engagement with the flange of a rail from one side of the rail, and means for holding the clip in operative position on the flange comprising a separately formed plate interposed in vertical position between the clip and the cross tie.

1,577,062. COMBINED SHOCK ABSORBER AND SNUBBER. THOMAS DIXON, West New York, N. J. Filed Apr. 29, 1925. Serial No. 26,599. 1 Claim. (Cl. 267—26.)

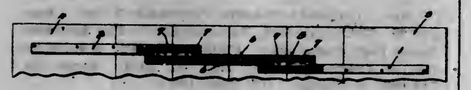
A shock absorber and snubber embodying a coil spring having a series of coaxial helical convolutions, which terminate in a pair of integral attaching arms, a bracket

carried by one of said arms and adapted to be secured to the axle of a vehicle, the other attaching arm having a threaded end adapted to pass through an aperture in



the chassis frame of the vehicle, and a nut cooperating with the threaded portion of the latter arm for securing said arm to the chassis frame.

1,577,063. TABLE SLIDE. HERBERT H. DREW, Watertown, Wis. Filed Dec. 22, 1924. Serial No. 757,521. 2 Claims. (Cl. 45—115.)

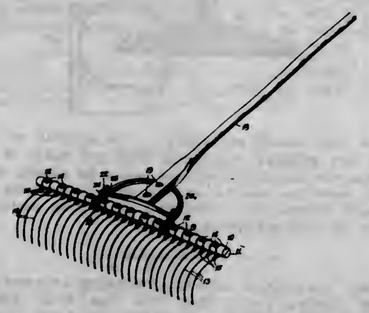


1. A table slide comprising a central member and a pair of outer members mounted on opposite sides of said central member, said central member and said outer members having cooperating end blocks, determining the maximum extension of the said slide, said central member having a groove on each side provided with a closed end, and pins removably carried by each of said outer members, and extending into said grooves and adapted to temporarily limit the extension of the slide to a value less than its maximum extension, as defined by the end blocks.

1,577,064. COMPOSITION CORK. ADOLF FISCHER, Orangeville, Md. Filed Sept. 30, 1922. Serial No. 591,649. 5 Claims. (Cl. 106—39.)

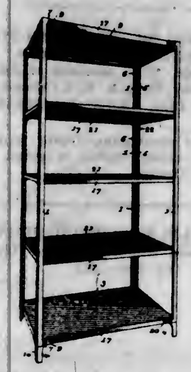
1. A composition of matter consisting of a mixture of cork, linseed oil and sulphur, and a binder, composed of glue mixture containing hexamethyleneamine.

1,577,065. LAWN BROOM. HARRY E. FULLER, Newhall, Iowa. Filed Feb. 25, 1924. Serial No. 694,874. 1 Claim. (Cl. 55—114.)



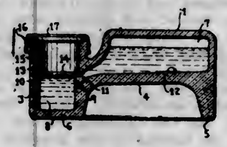
In a lawn broom and rake, the combination of a frame consisting of a plurality of complementary members, a series of spring teeth each tooth being integrally provided with a spring coil encircling said frame members and normally out of engagement therewith, a U-shaped loop formed on the inner end of said coil having a portion thereof clamped between said complementary members for securing the tooth in place with the closed end of said loop extending outwardly from said frame and encircling the teeth whereby said teeth are permitted a wide range of movement in all directions under abnormal strains, and are returned to their normal position when said strains are released, substantially as and for the purpose set forth.

1,577,066. METALLIC SHELVING. PHILIP S. MEDART and FRANK ALBACH, St. Louis, Mo., assignors to Fred Medart Manufacturing Company, St. Louis, Mo., a Corporation of Missouri. Filed Sept. 15, 1924. Serial No. 737,749. 12 Claims. (Cl. 211—27.)



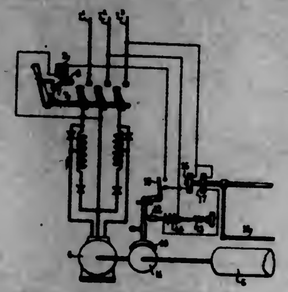
1. A post for shelving units formed of a plate metal blank bent into a tubular body portion, rectangular in cross section, provided with lateral contacting webs along the seam of the body portion, and with orificed right angle plate portions at one end for fixed attachment to a shelf of the unit, each right angle plate portion having aligned relation to a web of the tubular body portion, and a clip member of a right angle plate metal formation fitting the interior of the post end and having an extension of like right angle formation extending into and secured in the interior of the body portion.

1,577,067. INK RECEPTACLE FOR FILLING FOUNTAIN PENS. OSCAR F. NILSSON and JOSEPH BACHRACH, New York, N. Y. Filed May 19, 1921. Serial No. 470,969. 2 Claims. (Cl. 120—71.)



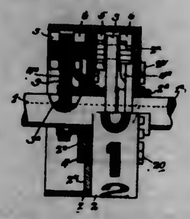
1. Means by which a self-filling or pump fountain pen may be filled comprising a receptacle having a chamber for a large quantity of fluid and a well below the chamber for a comparatively small quantity of fluid and disposed at one side of said chamber, said receptacle having a narrow passage between the chamber and well, and a lip depending into said passage to prevent the fluid from rising above a predetermined level; and a horizontal, stationary support arranged in the well having an open-end slot terminating near the lip which permits the passage of the pen-point but prevents the pen holder from entering the liquid in the well, and admits air through said passage.

1,577,068. ELECTRICAL CONTROLLER FOR MOTOR-DRIVEN DEVICES. FREDERICK H. OSMACHNIEF, Cleveland, Ohio, assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Apr. 28, 1924. Serial No. 709,356. 8 Claims. (Cl. 192—2.)



1. In a controller for motor driven rubber mills and the like provided with suitable brakes, the combination with individual electroresponsive means to respectively control energization of the motor and application of the brake, of interlocking means providing against electromagnetically controlled energization of the motor except under conditions of release of the brake.

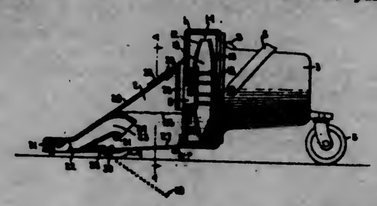
1,577,069. INTERNALLY-DRIVEN ODOMETER. JOHN K. OLSEN, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed June 26, 1922. Serial No. 570,957. 3 Claims. (Cl. 235—139.)



1. A revolution counting device comprising a shaft and dial wheels assembled thereon side by side, the dial wheels comprising each a mutilated and an unmutilated gear element in zones lateral with respect to each other, the shaft having carrying pinion supports extending between the dial wheels, carrying pinions journaled on said supports comprising each a driving and a driven gear element for cooperating respectively with the unmutilated and the mutilated gear elements of the dial wheels, the said elements of the dial wheels being of external gear or peripherally toothed type, and the web of the dial wheels being diametered to extend beyond the pinion gear element; whereby without the internal gear, the dial wheels may have lateral peripheral flanges for the dial markings, encompassing and enclosing all the gear elements.

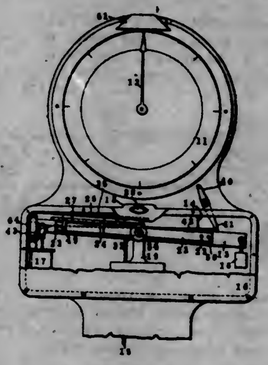
1,577,070. SUCTION CLEANER. WILLIAM V. OAR, Cleveland, Ohio. Filed May 19, 1922. Serial No. 562,053. 1 Claim. (Cl. 15—16.)

In a suction cleaner, a collecting nozzle having a downwardly facing, narrow inlet mouth, a chamber, and a pair of passageways leading from said mouth to a point intermediate between the bottom and top of said chamber, a pumping device connected to the top part of said chamber, a coarse mesh screen traversing said chamber between said passageways and said pumping



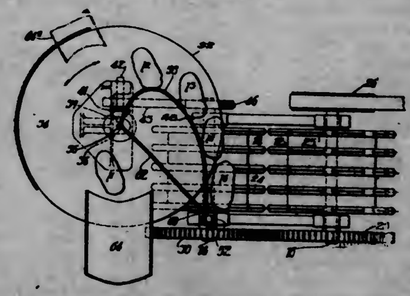
device, a cleanout door for the bottom part of said chamber, and a dust bag into which said pumping device discharges.

1,577,071. SCALE. LOUIS A. OSGOOD, St. Johnsbury, Vt., and ELMER B. WOLF, Springfield, Ohio, assignors to E. and T. Fairbanks and Company, St. Johnsbury, Vt., a Corporation of Vermont. Filed Aug. 1, 1923. Serial No. 654,086. 17 Claims. (Cl. 265—49.)



1. In a scale, the combination with a pivotally mounted beam, of a poise including a body and a bracket connected with said body and slidably engaging said beam, and a pin carried by said beam and engageable by said bracket for limiting the movement of the poise with respect to the beam.

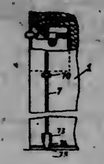
1,577,072. FEEDER FOR BREAKERS. FRANK PARDEE, Hazleton, Pa. Filed Mar. 21, 1924. Serial No. 700,749. 6 Claims. (Cl. 198—33.)



1. A feeder for discharging lumps with their greatest lengths extending in a determined direction comprising a member rotatably mounted on a substantially or ap-

proximately vertical axis and a deflector blade adapted to orient each lump as it is carried around by said member.

1,577,073. DOOR CHECK AND LATCH MECHANISM. BENJAMIN F. PERRY, Montreal, Quebec, Canada. Filed Dec. 27, 1924. Serial No. 758,461. 10 Claims. (Cl. 292—39.)



1. In a door check the combination of a latch operating mechanism with means to raise and lower a door check and means to hold the door check out of contact with the floor without affecting the normal latch operation.

1,577,074. CONSTRUCTION MATERIAL. RAY P. PERRY, Upper Montclair, and FLOYD W. ADAMS, East Orange, N. J., assignors to The Barrett Company, a Corporation of New Jersey. Filed Mar. 18, 1921. Serial No. 453,501. 11 Claims. (Cl. 154—2.)



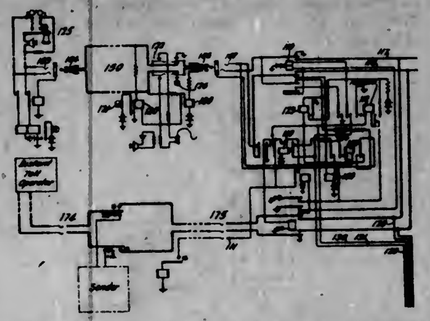
8. The process which comprises forming on a mandrel a layer containing felted fibrous material and waterproofing material, and applying thereto a layer containing asbestos and waterproofing material.

1,577,075. PROCESS OF REMOVING COLORING MATTER FROM SMOKELESS POWDER. EARLE C. PITMAN and GEORGE F. HUNTER, Parlin, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Nov. 20, 1922. Serial No. 602,230. 10 Claims. (Cl. 260—148.)

1. The process of removing from pyro smokeless powder the coloring matter ordinarily present therein, which comprises subjecting said powder to the action of a dilute acid capable of decomposing insoluble coloring matter into soluble products without injuring the nitrocellulose constituent of the powder, and to the extracting action of a solvent for the resulting soluble decomposition products.

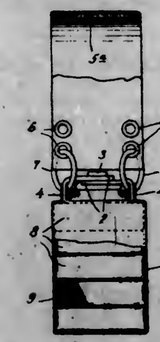
1,577,076. TELEPHONE-EXCHANGE SYSTEM. ALBERT C. POWELL, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 8, 1923. Serial No. 678,141. 16 Claims. (Cl. 179—27.)

1. In a telephone exchange system, a plurality of operators' positions, a sender controlling equipment at each of said positions, a plurality of outgoing trunks, each trunk terminating at its distant end in a manual connection terminal, mechanism associable with the distant ends of said trunks for indicating the numbers of wanted lines, a plurality of senders, a plurality of sender controlling equipments, a plurality of switching units common to said operators' positions, means to operate a switching unit to establish an interconnection between a sender controlling equipment, a sender and an idle trunk,



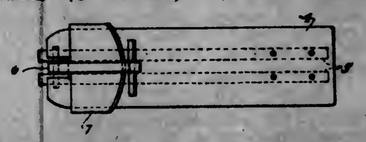
and means to operate said mechanism over said trunk under the control of a sender in accordance with the operation of said sender controlling equipment.

1,577,077. WEIGHT DEVICE FOR USE BY PIANISTS AND THE LIKE. HUSTON RAY, New York, N. Y. Filed June 13, 1923. Serial No. 645,107. 6 Claims. (Cl. 272—67.)



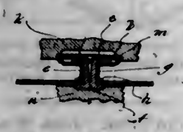
2. In a weight device for use by pianists and the like, the combination of a bail adapted to bear on top of the wrist with a bag of soft flexible material suspended therefrom under the wrist, and a series of independent weights in said bag, each having substantially the same horizontal cross section as the bag and adapted to be contained in said bag stacked on top of one another.

1,577,078. SLED. SILAS G. RICHARDS, Evanston, Ill., assignor of one-half to Edward A. Bruegel, Chicago, Ill., and one-half to Joseph Stockbridge, Chicago, Ill. Filed Mar. 24, 1924. Serial No. 701,499. 2 Claims. (Cl. 280—12.)



1. A sled comprising a top having a central slot in the forward portion thereof; runners under said top and closely adjacent each other; a tongue having a bar fitting loosely between said runners and arranged to operate in said slot, the runners being spaced a distance apart slightly greater than the width of said bar; a pivot pin extending between said runners and through said bar; and a shield on said bar arranged to contact with the sled top when the tongue is swung upwardly and rearwardly substantially as described.

1,577,079. BUTTON. FREDERICK N. ROSS and IRA A. LETHCO, Pontiac, Mich., assignors, by mesne assignments, to The Button Attaching Machine Co., Waterbury, Conn., a Corporation of Connecticut. Filed Dec. 3, 1923. Serial No. 678,325. 2 Claims. (Cl. 24—95.)



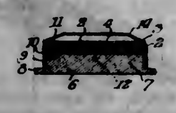
1. In a button, the combination of a button front of relatively thin gauge flexible material, a button back provided with a relatively long slender tubular neck portion, an anvil contained within the button front, said button front button back and anvil secured together to form a hollow button head with a neck, and a tack having a solid stem portion split to provide a pair of prongs, said tubular neck forming a guide for the rectilinear movement of the tack during the clinching operation, said prongs engaged within the hollow button head to reinforce the front.

1,577,080. SHAMPOO TRAY. IDA A. SCHMIDT, Los Angeles, Calif. Filed Nov. 21, 1925. Serial No. 70,493. 4 Claims. (Cl. 4—159.)



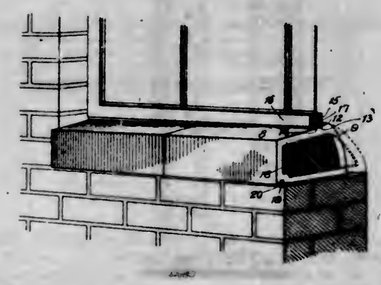
1. In combination with a shampoo tray, a strainer, having a base portion and having a peripheral flange thereon, said base portion being semi-cylindrical, apertures in the front flange of said base portion and in the bottom thereof, a pair of holding members on said strainer, said holding members each comprising a pair of pivoted arms, said arms being adapted to engage the flange on said tray.

1,577,081. INK PAD. GUSTAV J. SENGBUSCH, Milwaukee, Wis. Filed Aug. 11, 1924. Serial No. 731,259. 6 Claims. (Cl. 54.5.)



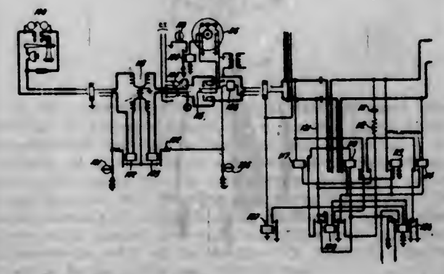
4. In an inking device for rubber stamps and the like, the combination of a base having an elevated portion, an ink pad on the upper surface of said elevated portion, a shell having a depending flange embracing the elevated portion of the base and having an inturned flange for holding the pad on the elevated portion of the base, recesses on the inner face of the depending flange and headed members on the edges of the elevated portion of the base with which said recesses detachably interlock to hold the shell on the base.

1,577,082. MULTIUNIT SILL CONSTRUCTION. CHARLES H. SIERKS, Chicago, Ill., assignor to Northwestern Terra Cotta Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 23, 1921. Serial No. 463,793. 8 Claims. (Cl. 72—98.)



1. In combination, a steel sash formed with an angular marginal portion, a plurality of sill units of selected stock sizes each having an irregular formation in its upper face opposite said marginal portion, and a calking material between the interior angle of the marginal portion and said irregular formation.

1,577,083. TELEPHONE-EXCHANGE SYSTEM. ARTHUR B. SPERRY, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 6, 1924. Serial No. 748,050. 4 Claims. (Cl. 179—27.)



1. In a telephone system, a selector switch, a plurality of trunk lines arranged in groups extending from said switch, an operator's position, a sender at said position arranged to send impulses to select a trunk line in a particular group of said switch, a signal at said position, means for preventing the selection of a trunk line and for flashing said signal should all trunk lines in the desired group be busy, and means effective when one of said trunks becomes idle to cause said trunks to be tested.

1,577,084. METHOD AND APPARATUS FOR COATING PIPE. FRED M. STRECKER, Akron, Ohio. Filed May 20, 1925. Serial No. 31,727. 8 Claims. (Cl. 91—46.)

5. Apparatus for coating pipe by dipping, comprising a shell sunk into the earth, an annular tank within the shell and spaced from the wall and the bottom there-

proximately vertical axis and a deflector blade adapted to orient each lump as it is carried around by said member.

1,577,073. DOOR CHECK AND LATCH MECHANISM. BENJAMIN F. PERRY, Montreal, Quebec, Canada. Filed Dec. 27, 1924. Serial No. 758,461. 10 Claims. (Cl. 292—39.)



1. In a door check the combination of a latch operating mechanism with means to raise and lower a door check and means to hold the door check out of contact with the floor without affecting the normal latch operation.

1,577,074. CONSTRUCTION MATERIAL. RAY P. PERRY, Upper Montclair, and FLOYD W. ADAMS, East Orange, N. J., assignors to The Barrett Company, a Corporation of New Jersey. Filed Mar. 18, 1921. Serial No. 453,501. 11 Claims. (Cl. 154—2.)



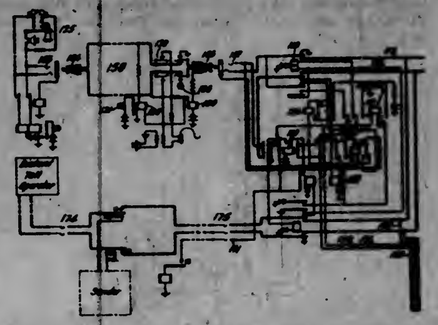
8. The process which comprises forming on a mandrel a layer containing felted fibrous material and waterproofing material, and applying thereto a layer containing asbestos and waterproofing material.

1,577,075. PROCESS OF REMOVING COLORING MATTER FROM SMOKELESS POWDER. EARLE C. PITMAN and GEORGE F. HUNTER, Parlin, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Nov. 20, 1922. Serial No. 602,230. 10 Claims. (Cl. 260—148.)

1. The process of removing from pyro smokeless powder the coloring matter ordinarily present therein, which comprises subjecting said powder to the action of a dilute acid capable of decomposing insoluble coloring matter into soluble products without injuring the nitrocellulose constituent of the powder, and to the extracting action of a solvent for the resulting soluble decomposition products.

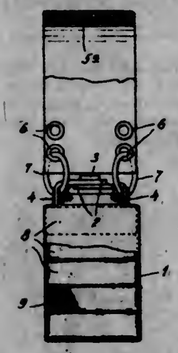
1,577,076. TELEPHONE-EXCHANGE SYSTEM. ALBERT C. POWELL, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 8, 1923. Serial No. 678,141. 16 Claims. (Cl. 179—27.)

1. In a telephone exchange system, a plurality of operators' positions, a sender controlling equipment at each of said positions, a plurality of outgoing trunks, each trunk terminating at its distant end in a manual connection terminal, mechanism associable with the distant ends of said trunks for indicating the numbers of wanted lines, a plurality of senders, a plurality of sender controlling equipments, a plurality of switching units common to said operators' positions, means to operate a switching unit to establish an interconnection between a sender controlling equipment, a sender and an idle trunk,



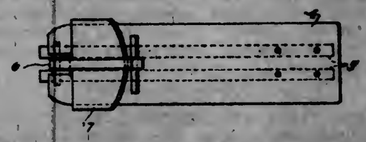
and means to operate said mechanism over said trunk under the control of a sender in accordance with the operation of said sender controlling equipment.

1,577,077. WEIGHT DEVICE FOR USE BY PIANISTS AND THE LIKE. HUSTON RAY, New York, N. Y. Filed June 13, 1923. Serial No. 645,107. 6 Claims. (Cl. 272—67.)



2. In a weight device for use by pianists and the like, the combination of a ball adapted to bear on top of the wrist with a bag of soft flexible material suspended therefrom under the wrist, and a series of independent weights in said bag, each having substantially the same horizontal cross section as the bag and adapted to be contained in said bag stacked on top of one another.

1,577,078. SLED. SILAS G. RICHARDS, Evanston, Ill., assignor of one-half to Edward A. Bruegel, Chicago, Ill., and one-half to Joseph Stockbridge, Chicago, Ill. Filed Mar. 24, 1924. Serial No. 701,430. 2 Claims. (Cl. 280—12.)



1. A sled comprising a top having a central slot in the forward portion thereof; runners under said top and closely adjacent each other; a tongue having a bar fitting loosely between said runners and arranged to operate in said slot, the runners being spaced a distance apart slightly greater than the width of said bar; a pivot pin extending between said runners and through said bar; and a shield on said bar arranged to contact with the sled top when the tongue is swung upwardly and rearwardly substantially as described.

1,577,079. BUTTON. FREDERICK N. ROSS and IRA A. LETHCO, Pontiac, Mich., assignors, by mesne assignments, to The Button Attaching Machine Co., Waterbury, Conn., a Corporation of Connecticut. Filed Dec. 3, 1923. Serial No. 676,325. 2 Claims. (Cl. 24—95.)



1. In a button, the combination of a button front of relatively thin gauge flexible material, a button back provided with a relatively long slender tubular neck portion, an anvil contained within the button front, said button front button back and anvil secured together to form a hollow button head with a neck, and a tack having a solid stem portion split to provide a pair of prongs, said tubular neck forming a guide for the rectilinear movement of the tack during the clinching operation, said prongs engaged within the hollow button head to reinforce the front.

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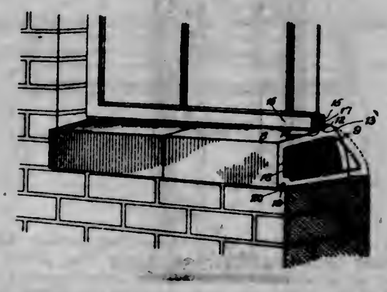
1. In combination with a shampoo tray, a strainer, having a base portion and having a peripheral flange thereon, said base portion being semi-cylindrical, apertures in the front flange of said base portion and in the bottom thereof, a pair of holding members on said strainer, said holding members each comprising a pair of pivoted arms, said arms being adapted to engage the flange on said tray.

1,577,081. INK PAD. GUSTAV J. SENGBUSCH, Milwaukee, Wis. Filed Aug. 11, 1924. Serial No. 731,259. 6 Claims. (Cl. 54.5.)



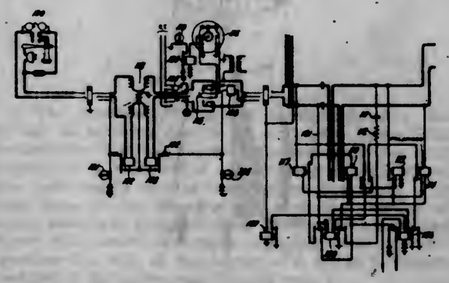
4. In an inking device for rubber stamps and the like, the combination of a base having an elevated portion, an ink pad on the upper surface of said elevated portion, a shell having a depending flange embracing the elevated portion of the base and having an inturned flange for holding the pad on the elevated portion of the base, recesses on the inner face of the depending flange and headed members on the edges of the elevated portion of the base with which said recesses detachably interlock to hold the shell on the base.

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1. In combination, a steel sash formed with an angular marginal portion, a plurality of sill units of selected stock sizes each having an irregular formation in its upper face opposite said marginal portion, and a caulking material between the interior angle of the marginal portion and said irregular formation.

1,577,083. TELEPHONE-EXCHANGE SYSTEM. ARTHUR B. SPERRY, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 6, 1924. Serial No. 748,050. 4 Claims. (Cl. 179—27.)

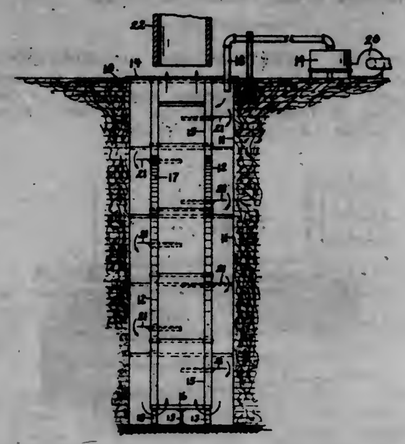


1. In a telephone system, a selector switch, a plurality of trunk lines arranged in groups extending from said switch, an operator's position, a sender at said position arranged to send impulses to select a trunk line in a particular group of said switch, a signal at said position, means for preventing the selection of a trunk line and for flashing said signal should all trunk lines in the desired group be busy, and means effective when one of said trunks becomes idle to cause said trunks to be tested.

1,577,084. METHOD AND APPARATUS FOR COATING PIPE. FRED M. STRECKER, Akron, Ohio. Filed May 29, 1925. Serial No. 31,727. 8 Claims. (Cl. 91—46.)

5. Apparatus for coating pipe by dipping, comprising a shell sunk into the earth, an annular tank within the shell and spaced from the wall and the bottom there-

of, said tank being open at the top, and means for circulating hot gas within the shell downwardly about the tank and then upwardly about the inner side of the tank.



6. Apparatus for coating pipe by dipping, comprising a tank for providing an annular column of liquid, said tank being open at the top, and means for circulating hot gases about the tank.

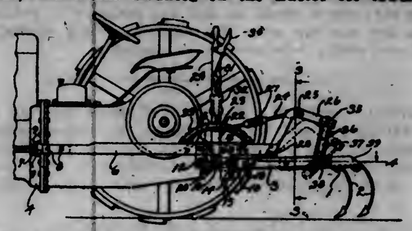
1,577,085. BODY GARMENT. LORETTA F. TIGHE, New York, N. Y. Filed May 2, 1922. Serial No. 557,877. 3 Claims. (Cl. 2—37.)



1. In a combination brassière and girdle, a front panel and a rear panel, connecting underarm panels affixed to both said front and rear panels, triangular hip panels affixed to said underarm panels and pairs of elastic side members of triangular shape affixed to said hip panels and to said front and rear panels respectively so arranged as to form substantially straight lines and provide for increasing restricted expansion from the waist portion downward.

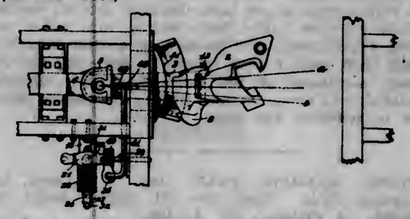
1,577,086. ATTACHMENT FOR TRACTORS. HERBERT F. TOWNER, Santa Ana, Calif. Filed Sept. 7, 1922. Serial No. 586,593. 2 Claims. (Cl. 97—47.)

1. In an attachment for tractors, the combination of a draft structure adapted for rigid connection with a tractor, an implement frame carrying ground working tools and having arms extending forwardly, relatively fixed pivots for the forward ends of the arms with means for supporting the pivots at different selective elevations, and means mounted on the tractor for lowering



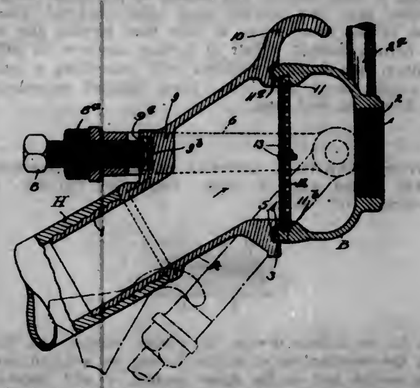
and raising said frame, said means including adjustable extensible members enabling the implement frame to be supported in a transversely tilted position.

1,577,087. CAR COUPLER. JOHN WILLISON, Cleveland, Ohio, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a Corporation of Ohio. Filed Mar. 17, 1924. Serial No. 699,657. 6 Claims. (Cl. 213—113.)



1. In coupling mechanism, unlike and alternatively used couplers laterally displaced from each other, a pivot pin, each coupler transmitting stresses to a railway vehicle through the said pivot pin, each coupler being in non-coupling position when the other is in use, and a coupler centering device connected to one of said couplers arranged to control the movement of said coupler, the said coupler being free without restraint from said centering device to move laterally during normal coupling movements, and means for operatively disconnecting the centering device from the said coupler when the other coupler is in use.

1,577,088. FEED-WATER STRAINER FOR LOCOMOTIVES. BELVIN T. WILLISTON, Somerville, Mass., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y., a Corporation of New Jersey. Filed July 25, 1924. Serial No. 728,144. Renewed Nov. 7, 1925. 9 Claims. (Cl. 210—164.)



1. A strainer comprising a casing having separable sections, a member on one section movable to engage the other section for securing said sections together, one of

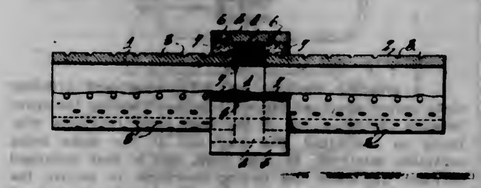
said sections being provided with an internal groove, and a screen or grid loosely mounted in said groove and removable therefrom after said sections have been separated by successive diametral and axial movements.

1,577,089. BEDCLOTHES SUPPORT. RUTH WHITFORD, Waterloo, N. H. Filed Oct. 20, 1924. Serial No. 744,676. 1 Claim. (Cl. 5—319.)



A bed clothes support having a frame structure, comprising a U-shaped base portion formed of a front longitudinal rod and transverse end rods, upright rods rising from the rear ends of said transverse end rods at the rear corners of the base portion, a rear longitudinal rod uniting the ends of said transverse end rods and said upright rods at their points of junction, said upright rods terminating at their upper ends in forwardly and downwardly curved top extremities, a longitudinal rod connecting said extremities of the upright rods and forming therwith a U-shaped canopy frame portion of the same length but of less width than the base portion and overhanging the rear half thereof only, and a body of flexible material closing the spaces and covering the elements of said unitary structure.

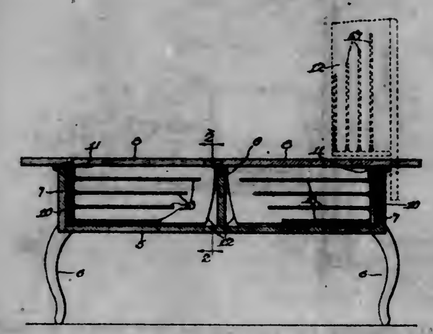
1,577,090. PIPE JOINT. HENRY LOUIS ZANDER, New Orleans, La. Filed Apr. 30, 1925. Serial No. 27,016. 1 Claim. (Cl. 285—114.)



A device of the class described comprising a gasket, hollow pipe sections abutting the gasket and having staggered shallow depressions in the outer surfaces thereof, the said gasket having a central bore in alignment with the hollows of the pipe sections and being of a diameter for extending beyond the outer surfaces of the pipe sections, a sleeve adapted to fit over the gasket and extend appreciably beyond the sides thereof to provide annular pockets surrounding the pipe ends and having shallow depressions in the inner surface thereof at each side of the position of the gasket, and sealing packing in the annular pockets and extending into the surrounding depressions of pipe ends and sleeve.

1,577,091. COMBINED PIANO BENCH AND SHEET-MUSIC RACK. SVEN E. AHLSTEDT, Chicago, Ill. Filed Oct. 30, 1924. Serial No. 746,757. 1 Claim. (Cl. 45—64.)

A device of the kind described, consisting of a bench embodying supporting legs, an elongated box-like container supported thereby, a leaf section hinged to the upper portion of each end of said container and adapted normally to lie on the top thereof and to close the same, a transversely disposed member depending from each of said leaves near its hinged end, a plurality of spaced sheet-supporting spring-actuated members pivotally secured to each of said depending members and normally extended therefrom at right angles thereto, and guard members mounted one on each side of each of said leaves



of said sheet-supporting members and depending from said leaves, said guards and said depending members being arranged with respect to said leaves so as to be located within the container when the leaves are in their normal positions.

1,577,092. BOTTLE HOLDER FOR BOTTLE-WASHING MACHINES. AXEL ANDERSSON, Lund, Sweden. Filed Feb. 13, 1925. Serial No. 8,974. 2 Claims. (Cl. 141—7.)

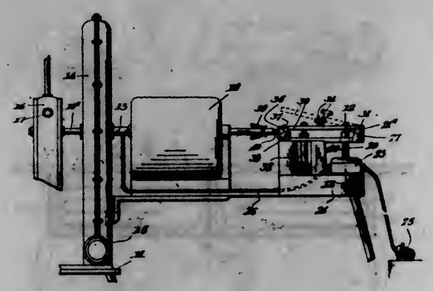


1. The combination with a horizontally-disposed table having an aperture therein, of a skeleton bottle holder permanently attached to the table and consisting in its entirety of a plurality of substantially-vertical, stationary arms rigidly secured intermediate their ends to the edge faces of the aperture and extending through the latter above and below the table; said arms having their lower ends turned inward to conjointly form a support whereon the edge of the mouth of a bottle in inverted position in the holder may directly rest.

1,577,093. OIL BURNER. JAMES WILLIAM ANDERSON and WILLIAM JOHN HEMPHILL, Ottawa, Ontario, and ROBERT RICHARDSON, South March, Ontario, Canada. Filed Apr. 7, 1925. Serial No. 21,943. 4 Claims. (Cl. 158—28.)

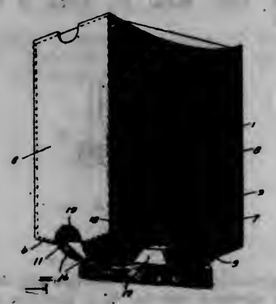
1. In an oil burner and in combination, a burner, a fan and an oil supply tank, an air line connecting the fan with the burner, a mixing chamber in the air line, a fuel line connecting the fuel tank with the mixing chamber, prime mover means for operating the fan to supply an air blast to the mixing chamber, valves operable from a distance, for regulating the supply of air and fuel to the mixing chamber simultaneously, a pump operable by the prime mover for delivering fuel under pressure to the mixing chamber, a switch spring-held in open position for controlling the operation of the prime mover, a control

valve in the fuel line spring-held in closed position and a lever arm adapted to simultaneously open said valve and close the prime mover circuit, means for automati-



cally engaging and retaining the lever arm in an operative position and a governor automatically operable, on the prime mover stopping, to release said lever arm.

1,577,094. CONTAINER FOR FOLDED TISSUE TOILET PAPER. LELAND J. ARMS, San Francisco, Calif., assignor to R. C. Pell, jr., San Francisco, Calif. Filed Apr. 14, 1924. Serial No. 706,516. 2 Claims. (Cl. 211—29.)



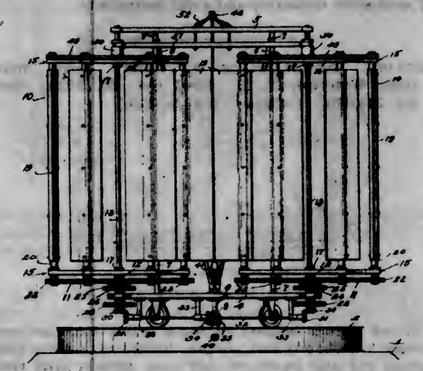
1. A box for interfolded tissue toilet paper having a bottom formed with a central slot allowing the paper to be withdrawn therethrough with flat confronting flanges depending from the margins of the slot in the box for guiding the paper and central registering recesses formed in the flanges for facilitating the manipulation of the paper.

1,577,095. COMBINATION TOOL. FRANK ARNOLD, Bridgeport, Conn. Filed Apr. 15, 1925. Serial No. 23,345. 5 Claims. (Cl. 7—11.)



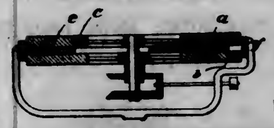
1. A pocket combination tool having a handle comprising similar and oppositely disposed grip members, a back member spacing and adjoining said grip members, and a fish-hook extracting recess formed in said back member.

1,577,096. WINDMILL. ARTHUR A. AUST, Columbus, Ohio. Filed Jan. 25, 1924. Serial No. 688,572. 3 Claims. (Cl. 170—25.)



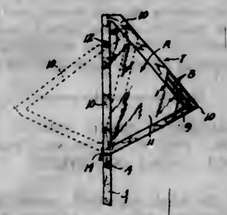
1. A wind motor comprising a vertical support, a pair of upper and lower radial frames connected with said support and rotatable in a horizontal plane axially with respect thereto, and a pair of wind mill units including vertically disposed vanes mounted for rotation about vertical axes and positioned between said frames.

1,577,097. MACHINE FOR GRINDING ROLLERS. HERMANN BARTHEL, Schweinfurt, Germany. Filed July 16, 1925. Serial No. 44,077. 3 Claims. (Cl. 51—118.)



1. A grinding machine including superposed grinding disks spaced apart, an endless band surrounding the space between the disks, one of the disks being rotatable relatively to the other disk and one of the disks being rotatable relatively to said band, and a cage arranged between the disks and having apertures to receive the articles to be ground, said cage engaging the band and being caused to rotate in a plane due to the centrifugal force exerted by said rotatable disk.

1,577,098. WINDSHIELD. EMIL T. BASTIS, Minneapolis, Minn. Filed Oct. 22, 1923. Serial No. 670,024. 7 Claims. (Cl. 296—97.)



1. A vision shield for an automobile comprising a triangular prism having a transparent front side normally disposed in a vertical plane, a rear transparent laminated side normally extending at an acute angle downwardly from said vertical side, and a bottom trans-

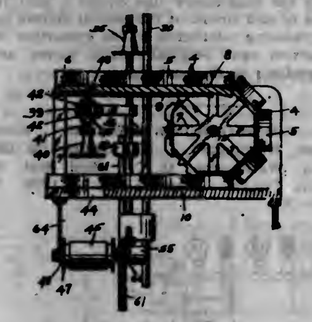
parent side extending substantially normally to said rear side, said prism being rotatable about an axis parallel to one longitudinal edge and disposed substantially in the front side.

1,577,099. ADJUSTABLE INTERNAL GAUGE. JOHN BATH, Worcester, Mass. Filed Aug. 3, 1923. Serial No. 655,528. 15 Claims. (Cl. 33—178.)



1. An adjustable internal gauge comprising a casing, a shaft rotatable only in said casing and having a threaded portion, a supporting member threaded on said shaft and axially movable thereby, said member having a plurality of guide-ways therein each having a face inclined longitudinally toward the axis of the shaft, a plurality of gauge bars each having an inclined inner face adapted to contact with one of said first mentioned inclined face and each slidable in one of said guide-ways, a retaining plate rotatably mounted on an end of said shaft and engaging the ends of said bars, and means to draw said plate and bars yieldingly toward the end of said casing.

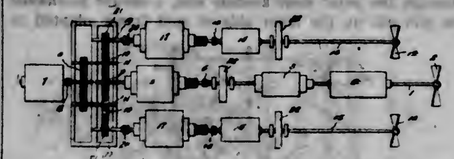
1,577,100. MOLDING APPARATUS. JOHN H. BERRY, Springfield, Ohio, assignor to The Bolmer Manufacturing Company, Springfield, Ohio, a Corporation of Ohio. Filed Dec. 26, 1924. Serial No. 758,040. 7 Claims. (Cl. 107—16.)



1. In a machine of the character described, a series of intermittently travelling molds, a frame together with means for reciprocating the same across the line of travel of said molds, a presser plunger carried by said frame, and an ejector plunger carried by said frame for ejecting the molded articles from said molds.

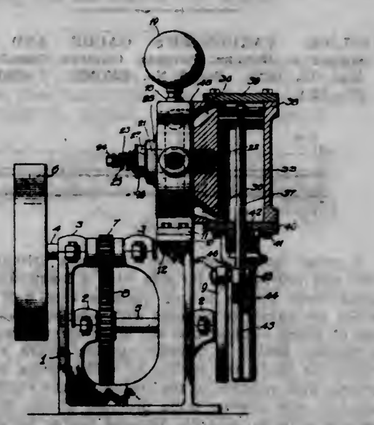
1,577,101. SHIP PROPULSION. AUGUST F. BRITZELL and CHARLES B. WHELTLE, Baltimore, Md. Filed Apr. 18, 1922, Serial No. 554,809. Renewed Oct. 21, 1925. 2 Claims. (Cl. 115—37.)

1. In combination with a ship, a driving propeller therefor, an electric motor for driving the same, an electric generator for the motor, clutch means for connecting the shaft of the generator with the shaft of the motor, an internal combustion motor, gears connecting the same with the shaft of the generator, a second generator, a shaft, clutch means for connecting said shaft with the shaft of the second generator, a gear connecting said shaft with one of the first mentioned gears, a propeller



adapted to be driven by the passage of the boat through the water and means for communicating the movement of said propeller to the second generator.

1,577,102. PUMP. MELVIN BERKSHIRE, Newcomerstown, Ohio, assignor of one-half to J. S. Barnett, Albert Zimmer, and V. C. Stocker, all of Newcomerstown, Ohio. Filed Mar. 27, 1924. Serial No. 702,394. 1 Claim. (Cl. 103—159.)

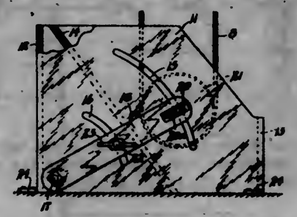


A pump of the character described comprising, a supporting frame, a stationary water head having relatively opposed semi-circular inlet and outlet ways, inlet and outlet ports communicating with intermediate portions of the inlet and outlet ways respectively and extending radially therefrom, an auxiliary port at one end of the outlet way, an air dome supported upon the head and communicating with the auxiliary port, one side wall of the water head having pairs of juxtaposed inlet and outlet ports formed therein and communicating with the opposite extremities of said semi-circular ways, said water head having a concentrically arranged opening, an oscillatable cylinder having a socket alignable with said opening, a bearing pin extending through said opening and into the socket to connect the head and cylinder, said cylinder having inlet and outlet ports registrable at times with the ports in said water head, a reciprocable piston in said cylinder, and means mounted on said frame to effect reciprocation and oscillation of the piston and cylinder respectively.

1,577,103. TENSIONING AND ANCHORING DEVICE. WILLIAM K. BROWN, Christmas Lake, Minn., assignor to Twin City Scenic Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Feb. 14, 1925. Serial No. 9,148. 3 Claims. (Cl. 64—5.)

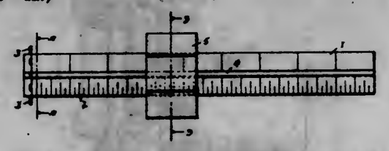
1. A tensioning and anchoring device for endless flexible members comprising a frame having a substantially flat side, said side provided with a pair of concentric arcuate slots therethrough, a swingable arm pivoted at

its lower end on the side of said frame on an axis passing through the radial centers of said arcuate slots, a transverse pin mounted on said arm and working through the outer most arcuate slot, a sheave journalled on said pin on the inner side of said frame adapted to



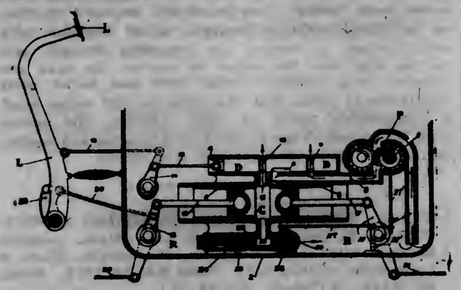
receive one of the loops of an endless flexible member, a clamping device extending through said arm and said frame and through the innermost arcuate slot adapted to rigidly secure said arm to said frame at a desired angle to the base thereof.

1,577,104. CARPENTER'S GAUGE AND SCALE. HENRY A. BUTLER, Toronto, Ontario, Canada. Filed Mar. 14, 1923. Serial No. 625,062. 1 Claim. (Cl. 33—42.)



A gauge comprising a shaft having a cylindrical surface and provided at its side with a longitudinally disposed incut groove having opposite side wall surfaces which are angularly disposed with relation to each other, one of which is plane and the other curved transversely, a member having a circular opening which snugly receives the shaft, the surface of said opening being concentric with relation to the centers of the shaft and the member, said member being provided at one side of the opening with an inwardly disposed tongue having curved opposite side surfaces, one side surface of the tongue adapted to slidably engage the curved wall surface of the groove and the other side surface of the tongue adapted to frictionally engage the plane wall surface of the groove and a marking point carried by the shaft.

1,577,105. FLUID-BRAKE OPERATOR. GIUSTINO CATTANEO, Milan, Italy. Filed Oct. 23, 1922. Serial No. 596,425. 4 Claims. (Cl. 188—152.)



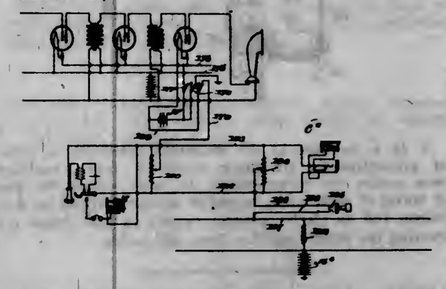
1. In a fluid brake operator of the character described, the combination, a motor driven shaft, an oil containing vessel through which the shaft passes, a casing surrounding the driven shaft within the vessel, a pump connected with the shaft within the casing, an inlet tube in communication with the casing from a point near the bottom of the vessel, a slide valve the casing of which is arranged in communication with the pump casing, a double cylinder communicating medially of its ends with the casing of the slide valve, opposed pistons operating in the cylinder, brake shoe applying members operably connected with the pistons, a manually operable lever operatively connected with the slide valve for regulating the introduction of pressure liquid into the cylinder, an operable connection between the lever and one of the pistons for effecting manual control of the brake shoe applying members when the drive shaft is idle, and means for controlling the release of pressure liquid from the cylinders.

1,577,106. RADIO DISTRIBUTING SYSTEM. EDWARD E. CLEMENT, Washington, D. C., assignor to Edward F. Colladay, Washington, D. C. Filed Sept. 25, 1924. Serial No. 739,832. Renewed Feb. 11, 1926. 3 Claims. Cl. 179—2.)



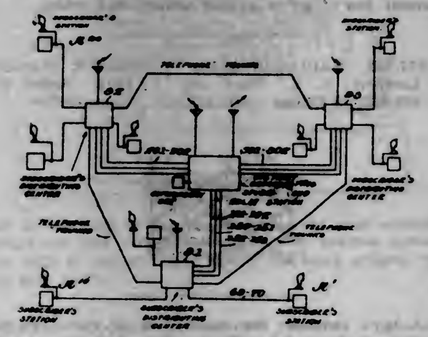
1. In a radiophone exchange system, a central station and subscribers' stations and wired line circuits interconnecting them, means to transmit modulated waves at radio frequency, means at the central station to transmit waves at heterodyning frequencies therefor, means at the subscribers' stations for receiving both frequencies, means causing them by heterodyning to produce in the subscribers' line circuit a beat frequency, and means in said circuit at the central station for detecting and rendering intelligible to the subscriber the modulations carried upon original carrier waves, and transferred therefrom to the beat waves.

1,577,107. RADIOPHONE SYSTEM. EDWARD E. CLEMENT, Washington, D. C., assignor to Edward F. Colladay, Washington, D. C. Filed Sept. 26, 1924, Serial No. 740,113. Renewed Feb. 11, 1926. 8 Claims. Cl. 179—2.)



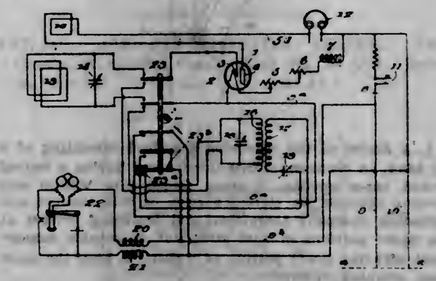
1. In a broadcasting system, a main station, a plurality of substations, means at said main station for generating and transmitting to the substations radio waves, means at the substations for receiving said waves, metallic wire circuits from the main station to the substations, phantom circuits imposed upon said wire circuits, and a centralized source of current supply for the substation receiving means, connected to said phantom circuits and distributed thereby to the several substations.

1,577,108. TRUNKING SYSTEM OF RADIODISTRIBUTION. EDWARD E. CLEMENT, Washington, D. C., assignor to Edward F. Colladay, Washington, D. C. Filed Jan. 21, 1925, Serial No. 3,861. Renewed Feb. 11, 1926. 7 Claims. (Cl. 250—6.)



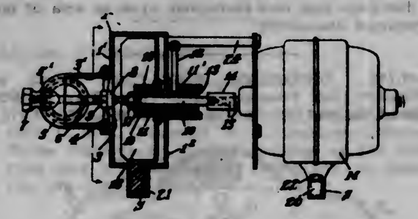
1. In a system of radio broadcast distribution, a district broadcast service station, a plurality of telephone central stations each with subscribers' substations and wire lines interconnecting them, radio broadcast transmitting means at the district station, distributing relay means at each central station for relaying the matter broadcasted from the district station onto distributing conductors at the central station at a frequency suitable for transmission over subscribers' wire lines, relay means at each central station individual to each subscriber's line, and means also at each central station for connecting a subscriber's line through its associated relay means to the said distributing conductors at that central station.

1,577,109. RADIO BROADCAST DISTRIBUTING SYSTEM. EDWARD E. CLEMENT, Washington, D. C., assignor to Edward F. Colladay, Washington, D. C. Filed Jan. 31, 1925, Serial No. 6,071. Renewed Feb. 11, 1926. 7 Claims. (Cl. 250—6.)



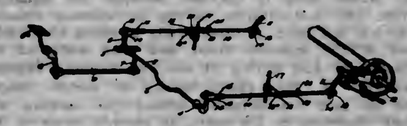
2. In a system of radio broadcast distribution, a central station and subscribers' stations connected thereto by line wires, a radiophone receiving set at each subscriber's station and an antenna therefor, amplifying means at the central station for each subscriber's line, means at the central station for supplying carrier current to said lines through their respective amplifying means, and means for connecting the subscriber's receiving set with either the antenna or the line.

1,577,110. MOTOR BLOWER UNIT FOR METABOLISM APPARATUS OR THE LIKE. WARREN E. COLLINS, Jamaica Plain, Mass. Filed Feb. 7, 1925. Serial No. 7,660. 6 Claims. (Cl. 230—11.)



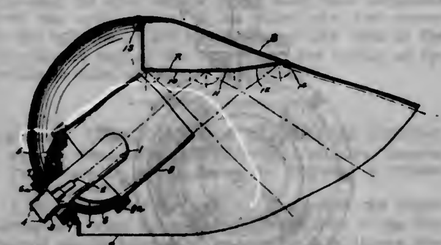
1. In a blower of the class described, a casing, an elongated bearing extending within said casing, a shaft through said bearing, a cap shaped fan hub mounted on said bearing and attached to said shaft, a compressible member disposed between the end of said bearing and said fan hub and disposed about said shaft, and means for adjusting said hub against said member.

1,577,111. MECHANISM FOR OPERATING BRAKES OF MOTOR VEHICLES. THOMAS JAMES CONLEY, Woonona, New South Wales, Australia. Filed Aug. 19, 1922. Serial No. 582,945. 1 Claim. (Cl. 188—2.)



In a brake mechanism, a plurality of brake actuating levers, rods pivotally connected to said levers and extending forwardly, a transversely disposed rock shaft having upwardly extending arms pivotally connected to the forward ends of said rods, a downwardly extending arm fixed to the rock shaft and arranged intermediate the ends of the latter, a rocking foot pedal having a depending arm, a link connecting the depending arm to said downwardly extending arm, bearing members adapted to be connected to a vehicle frame and through which the rods slidably extend, sleeves mounted on said rods for adjustment axially thereof, and springs arranged between said sleeves and said bearing members for moving the rods in one direction.

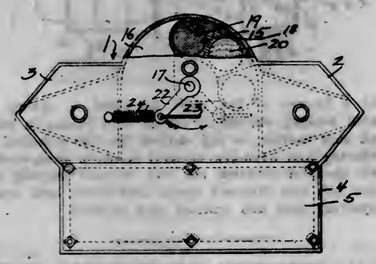
1,577,112. PROJECTING LAMP. GEORGE H. CUSHING, Washington, D. C. Filed Nov. 5, 1925. Serial No. 67,148. 6 Claims. (Cl. 240—41.)



1. A projecting lamp comprising a light source, a primary reflector for converting a portion of the rays into a beam, a tubular reflector mounted forwardly of the primary reflector and having an interior reflecting surface of varying curvature to convert the rays falling thereon into a beam, means for holding these two re-

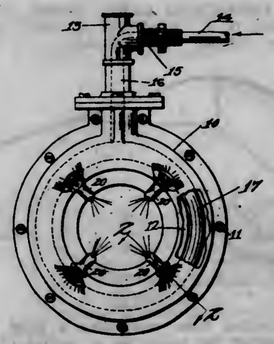
sectors in constant relationship to the light source, and a secondary reflector comprising a plurality of planes of reflection and designed and constructed to divide the rays of light falling thereon into pencils of rays and to distribute said rays exclusively upon an area of predetermined dimensions.

1,577,113. DIRECTION INDICATOR. ANGEL DE VELASCO, San Francisco, Calif. Filed May 3, 1923. Serial No. 636,491. 1 Claim. (Cl. 116—45.)



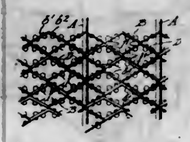
An indicating device for use in connection with the box of right and left turn signalling devices of a vehicle signalling mechanism comprising a tail light compartment whose lamp is disposed between the signalling devices, the compartment having an opening disposed above the tail lamp, a transversely disposed shaft journaled in the opposite front and rear walls of the compartment and having at one end a crank disposed exteriorly of the compartment, a sector shaped plate in said compartment behind the opening and rigidly connected to the shaft, an arcuate series of dissimilarly colored transparent disks carried by the plate for separate coaction with said opening, a spring connected to the crank for holding the shaft so that normally one of the disks registers with the said opening, and a brake pedal actuated means connected to the crank for moving the plate against the action of the spring so that various adjustments of the brake pedal when operated by the foot of the driver will adjust the plate into different positions with respect to the opening to display different colors therethrough.

1,577,114. OIL BURNER. CHARLES L. DE WALT, Worcester, Mass., assignor of one-half to Winfred S. Griffith, Worcester, Mass. Filed Sept. 9, 1924. Serial No. 736,783. 5 Claims. (Cl. 158—76.)



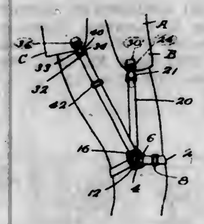
2. In a liquid fuel burner the combination with an air chamber adapted to be connected with a source of air under pressure, a fuel pipe located in said chamber and extending along it, a series of tubes extending from the fuel pipe through the wall of the air chamber and outwardly therefrom, each having a small perforation in the end, and a series of air casings communicating with the main air casing and each one surrounding a fuel tube, said air casings having means for directing air through the paths of the fuel to spray the fuel, and being inclined to the horizontal and converging to cause the several jets of air to project toward each other.

1,577,115. RADIATOR CORE. NICHOLAS S. DIAMANT, Lockport, N. Y. Filed Aug. 3, 1921. Serial No. 489,463. 9 Claims. (Cl. 257.)



1. In a radiator, the combination of tubes for the medium to be cooled, radiating fins which engage said tubes to conduct heat therefrom, the portions of said fins which are arranged between adjacent tubes being imperforate, said fins being bent to form a plurality of pairs of equal, oppositely disposed faces, a single bent edge separating each of said faces from an adjacent face, and means at the edges of said fins for spacing said fins so that the bent edges of each fin are arranged in immediate proximity to the bent edges of adjacent fins to form air passages of substantially diamond shaped cross section.

1,577,116. SHIRT ANTICREEPER. DARSIE E. EDWARDS, Clinton, Mo., assignor of one-third to Carroll O. Edwards, Clinton, Mo. Filed Mar. 3, 1925. Serial No. 12,859. 2 Claims. (Cl. 241—1.)

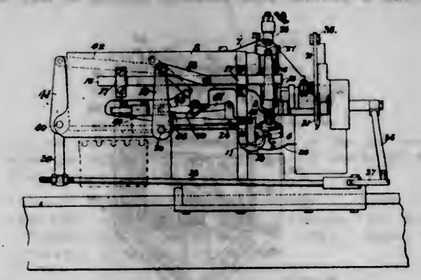


1. A device of the character described consisting of a leg band, an element secured thereto and having a slotted arched upper portion, a strap folded into V-form and running through the slotted portion of said element and extending upwardly therefrom, and fastening devices at the upper portions of said strap for detachable engagement with the lower portion of a shirt to keep the same from creeping upwardly.

1,577,117. APPARATUS FOR MAKING YARN RUGS AND SUCH LIKE. WILLIAM FELTON, Radcliffe, and CHARLES WILLIS, Pendleton, England. Filed Aug. 17, 1925. Serial No. 50,684. 9 Claims. (Cl. 112—9.)

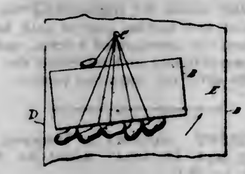
1. In apparatus for making yarn rugs and such like provided with an attaching needle having an oscillatable gripper jaw and with plunger mechanism for looping the yarn, the combination of an actuated member movably mounted on the machine and an aperture in the said

member to receive the loop formed by the plunger mechanism with a finger fixed to the apparatus and cooperating with the member to keep a part of the loop



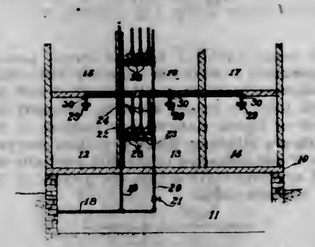
out of the path of the needle whilst the said member brings the free ends of the yarn into position across the path of the attaching needle for being gripped by the said needle.

1,577,118. COCOON-UNWINDING DEVICE. VITTORIO FIORUZZI, Piacenza, Italy. Filed May 4, 1923. Serial No. 636,684. 2 Claims. (Cl. 19—3.)



1. Apparatus for culling nearly exhausted cocoons from fresh cocoons comprising a vessel arranged for the passage of a current of water therethrough, means to obstruct the passage of cocoons with said current and to form a channel at one side of said obstructing means, and means to draw the threads from the cocoons to cause fresh cocoons to lie against the upstream side of the obstructing element until they are nearly exhausted and to cause nearly exhausted cocoons to pass thereover, the current formed at one side of said obstructing element serving for the passage of cocoons which become detached by the breaking of their threads.

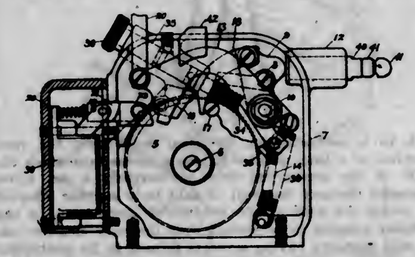
1,577,119. FIRE-EXTINGUISHING SYSTEM. VITO GLISCE, Waterbury, Conn. Filed Feb. 5, 1924. Serial No. 690,739. 4 Claims. (Cl. 169—16.)



1. In a fire extinguishing system for a building, a source of water supply, a water feed pipe and an auxiliary valve-controlling pipe connected to said source of water supply, a plurality of sprinkler units connected to said feed pipe, hand-operated valves for controlling the flow of water from said feed pipe to said sprinkler units respectively, said valves having operating members, nozzles on said auxiliary pipes in alinement with said operating members, said valves being simultaneously operated by a plurality of water jets from said nozzles when water is admitted to said auxiliary pipe.

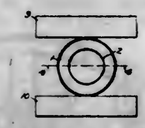
1,577,120. [WITHDRAWN.]

1,577,121. AUTOMATIC CONTROL DEVICE. MAXWELL H. HILL, Rochester, N. Y., assignor to Gleason Works, Rochester, N. Y., a Corporation of New York. Filed July 27, 1925. Serial No. 46,387. 8 Claims. (Cl. 192—139.)



1. In an automatic control device, a ratchet wheel, indicating means, means for initially setting said ratchet wheel thereby, a pawl for advancing said ratchet wheel, a movable member, a trip means connected to said pawl for movement therewith and means carried by the ratchet wheel for actuating said trip means into engagement with said movable member to move the same when the ratchet wheel reaches a position determined by its initial setting.

1,577,122. METHOD OF CLOSING COLLAPSIBLE TUBES. NEVIL MONROE HOPKINS, New York, N. Y., assignor to New-Mix Products, Inc., New York, N. Y., a Corporation of Delaware. Filed Oct. 1, 1923. Serial No. 666,000. 3 Claims. (Cl. 113—1.)



1. The method of making a closure for the open bottom of a bicompartment collapsible tube consisting in disposing the open bottom of the inner tube concentric with the open bottom of the outer tube and nearer to the exit end of the bicompartment tube than is the open bottom edge of the outer tube; and rolling up the bottom portions of both of said tubes.

1,577,123. CONNECTER FOR ELECTRICAL CONDUCTORS. WILLIAM C. HUNT, Toronto, Ontario, Canada. Filed June 19, 1924. Serial No. 720,892. 4 Claims. (Cl. 173—268.)

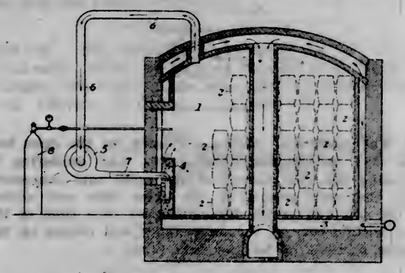
1. In a connecter for electrical conductors, the combination of a body member in which the ends of the conductors may be secured; a cap adapted to be sleeved over the body member, said body member having grooves formed at opposite sides thereof and a passage connecting said grooves and said cap having a recess formed in its interior surface; and a U-shaped spring retainer extending through said passage, the legs of the retainer extending through said passage, the legs of the retainer

lying partially in the grooves and their ends normally engaging in said recess to prevent the separation of the cap and body member in a direction away from the conductors.



4. In a connecter for electrical conductors, the combination of a body member having a recess into which the ends of the conductors may be inserted; a set screw threaded through the wall of said body member adapted to clamp the ends of the conductors in position; a cap member adapted to be sleeved over the body member, one of said members having a recess formed in its contacting face; a spring retaining member mounted on the other of said members tending to extend into said recess to positively prevent the separation of the body member and cap member in a direction away from the conductors, said cap being formed with a removable head whereby when the head is removed the remainder of the cap may be slipped over the body member on to the conductors to permit access to the set screw.

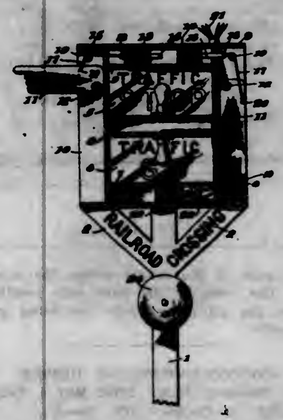
1,577,124. REFRACTORY ARTICLE AND PROCESS OF MAKING THE SAME: ARTHUR J. JACKMAN, Forest Hills Borough, Pa., assignor to Vesuvius Crucible Company, Swissvale, Pa., a Corporation of Pennsylvania. Continuation of application Serial No. 641,754, filed May 26, 1923. This application filed Aug. 2, 1924, Serial No. 729,817. 26 Claims. (Cl. 25—157.)



1. As a new article of manufacture, a refractory article consisting principally of graphite and a vitrifiable ceramic bond, and burned prior to use to a temperature above the vitrification point of the bonding material.

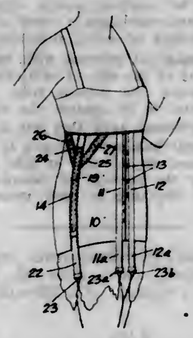
1,577,125. RAILROAD-CROSSING SIGNAL. JOHN W. JACKSON, Detroit, Mich., assignor of one-half to Ada Alberta Jackson, Brighton, Mich. Filed Apr. 9, 1923. Serial No. 630,782. 2 Claims. (Cl. 246—125.)

1. A railroad crossing signal comprising a post mounted at one side of a railroad crossing, a casing supported on said post, an upper and lower compartments having glass covers on the front and rear thereof and having indicia thereon, electric bulbs positioned in said compartments for illuminating the indicia, a pocket formed on each end of said casing, a movable hand normally received in each of



said pockets, and means for illuminating the indicia in one compartment and moving one of said hands so as to be visible upon the approach of a train, and illuminating the other compartment and returning the hand so as to not be visible after the train has passed.

1,577,126. CORSET. AUGUSTA S. JOHNSON, Brooklyn, N. Y. Filed Sept. 13, 1924. Serial No. 737,546. 2 Claims. (Cl. 2—36.)

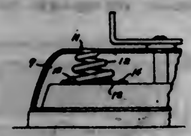


1. In a corset having a body of elastic material, at selected portions a vertically disposed strip, for reinforcing purposes, made of elastic material and fastened to the said body by zig-zag stitching, obliquely disposed strips made of elastic material and fastened to the said body by zig-zag stitching, forming pockets therewith, at both sides of and connected to the said vertically disposed strip, and auxiliary stays within the pockets of the said obliquely disposed strips.

1,577,127. ATTACHMENT FOR SADIRONS. JOSEPH D. KALTENBACK and JOHN STOLL, San Francisco, Calif. Filed Oct. 24, 1923. Serial No. 670,592. 2 Claims. (Cl. 73—118.)

1. In an electric sad iron, a casing, within said casing a thermally controlled device comprising a helical thermal coil having an upward turn whose end portion

is directed toward the axis of the coil and flattened so as to constitute an effective visual indicator when the coil is expanded axially, said casing having an aperture



towards which the flattened portion of the coil moves when the coil is expanded and through which the flattened portion may be viewed.

1,577,128. AUTOMATIC GATE. GEORGE W. KING, Burrton, Kans. Filed Dec. 19, 1924. Serial No. 756,915. 2 Claims. (Cl. 39—35.)



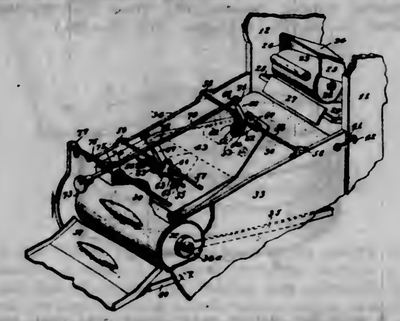
1. In combination, a pair of posts, a gate hinged to one post, latch means associated with the other post and the free end of the gate, a shaft on the hinged end of the gate, a segmental plate keyed to the shaft, a lever rotatably mounted on the shaft, a chain leading from the lever to the latch means, a plunger slidable on the lever, the arcuate plate having a notch engageable by the plunger, a spring normally holding the plunger out of engagement with the notch, an arm pivoted to the lever, a link connecting one end of the arm with the plunger, a chain attached to the other end of the arm, and means for pulling the last chain, thereby swinging the arm and engaging the plunger in the notch, at the same time swinging the lever to pull the first chain so as to release the latch means and as the last chain is further pulled, the lever locked to the segmental plate by the plunger will rotate the shaft and swing the gate, means for releasably latching the gate in open position, and spring means for closing the gate.

1,577,129. DOOR HOLDER. THOR KNUTSON, Minneapolis, Minn. Filed Mar. 8, 1924. Serial No. 697,742. 3 Claims. (Cl. 292—76.)



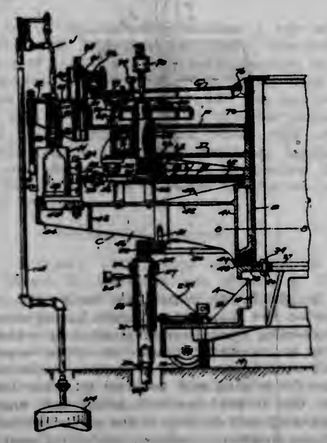
1. An article of manufacture having in combination, a comparatively flat plate adapted to be secured to the floor and spaced therefrom at its intermediate portion, said portion having a substantially circular aperture therethrough, a resilient means secured to the lower side of said plate, a rounded member secured to said means and projected upwardly into and through said aperture by said means, said member substantially fitting said aperture and being limited in its upward movement by the wall of said aperture and said plate having an upstanding shoulder adjacent said aperture.

1,577,130. MACHINE FOR MOLDING BREAD LOAVES. RAYMOND J. LABEYRIE and FRANK A. IAVAGNILIO, Torrington, Conn. Filed Jan. 18, 1923. Serial No. 613,517. 1 Claim. (Cl. 107—8.)



In a machine for producing bread loaves having conical ends, a frame, a conveyor belt mounted to travel in said frame and adapted to receive successive lumps of dough, a shaper plate mounted in said frame above said belt, said plate having a lower generally flat face with a rear central concave portion which increases gradually both in depth and width from the front to the rear, the surface of the plate being imperforate, and said plate having a shallow recess in the rear edge thereof, said concave portion merging into said recess, the rear portion of said plate lying between said concave portion and the sides of the plate being wedge-shaped in longitudinal cross section.

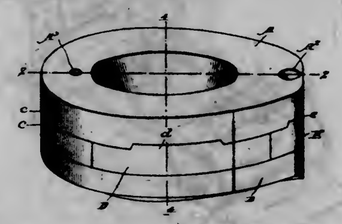
1,577,131. BOTTLE MACHINE. RICHARD LA FRANCE, Toledo, Ohio, assignor to The Owens Bottle Company, Toledo, Ohio, a Corporation of Ohio. Filed May 24, 1919, Serial No. 299,430. Renewed Mar. 21, 1924. 7 Claims. (Cl. 49—18.)



5. In a bottle machine, the combination of divided molds, means to cause the molds to travel continuously in a closed path, automatic means for opening and clos-

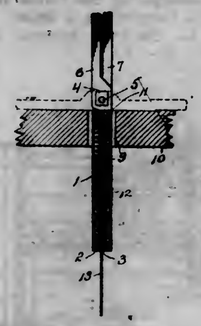
ing said molds at definite points in their travel, a blow-head, automatic means for bringing said head into engagement with said molds and causing it to travel with the molds for short periods when said molds are closed, and means actuated in response to the movement of said head to firmly lock the molds in position by their engagement with said head.

1,577,132. MOLD FOR WATER-CLOSET-BOWL RIMS. ALFRED V. LAWTON, Decatur, Ill., assignor to Adolph Mueller, trustee, Decatur, Ill. Filed June 27, 1925. Serial No. 39,978. 6 Claims. (Cl. 25—129.)



1. A mold for casting water closet bowl rims, comprising superposed outer and intermediate sections, the intermediate section contacting with one of the outer sections including a plurality of members and being engaged with said outer section by means permitting separation of said sections by lateral movement of the members of the intermediate section, the other outer section being engaged with the contacting intermediate section by means permitting relative movement between said sections in a vertical direction only.

1,577,133. PLUMB-BOB-SUPPORTING MECHANISM. MICHAEL J. LEARNIHAN, Kansas City, Mo. Filed Mar. 19, 1923. Serial No. 626,030. 6 Claims. (Cl. 248—30.)



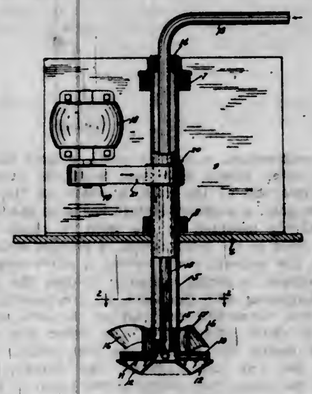
1. In a plumb bob supporting mechanism, a fulcrum member, two supporting members having means pivotally connecting them to said member by which they may swing by gravity in opposite directions respectively from the perpendicular to the horizontal, releasable holding means for holding said members in either the horizontal or the vertical position, plumb bob supporting means engaging said holding means and arranged when moved in one direction, to release the holding means from said supporting members, and means for automatically retracting said holding means to the holding position, substantially as set forth.

1,577,134. PAD FOR ARTIFICIAL TEETH AND METHOD OF PREPARING SAME. DANIEL G. MACKINNON, New Bern, N. C. Filed Feb. 2, 1925. Serial No. 6,370. 8 Claims. (Cl. 32—4.)



1. A pad or cushion to be worn between the gums and lower plate of artificial teeth comprising a roll of cotton bent into U-shape to fit the contour of the plate and formed at its middle portion with a lip adapted to fit over the inner edge of the plate, said lip being treated with a hardening agent to retain its form.

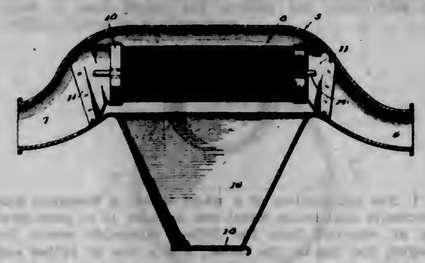
1,577,135. DEVICE FOR REDUCING FLUID MATERIALS TO POWDERED FORM. JOHN C. MACLACHLAN, Chicago, Ill., assignor, by mesne assignments, to Pure Products Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 19, 1919, Serial No. 283,587. Renewed Nov. 28, 1924. 3 Claims. (Cl. 159—4).



1. A rotary spraying head adapted to be disposed in a hot air chamber having in combination, a lower outwardly and upwardly flaring discharge member, a plurality of downwardly curved fan blades disposed thereabove and extending beyond the edge thereof in proximity thereto, adapted to direct a blast of air downwardly about the edge of said member, and a delivery member for said discharge member located between said flaring member and fan blades comprising a plurality of radial arms with downwardly extending outlet portions, which portions extend below the edge of the flaring member.

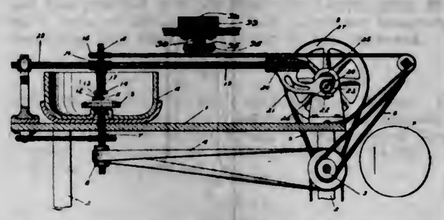
1,577,136. MATERIAL-HANDLING APPARATUS. JOHN MARKMAN, Forreston, Ill. Filed May 12, 1925. Serial No. 29,819. 4 Claims. (Cl. 209—250.)

1. A material handling apparatus comprising a body having inlet and outlet branches and bends defining an offset intermediate portion, a rotatable screen of cylindrical formation arranged in the offset intermediate portion of the body between the inlet and outlet branches, combined supporting and guide members of tubular formation having rotatable connection with the ends of said screen and supporting the same and being rigidly mounted in the ends of said offset portion and guiding the ma-



terial, and a drive shaft connected to said screen and extended thru and supported by the ends of said offset portion.

1,577,137. LENS-GRINDING MACHINE. ALBERT E. MAYNARD, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Aug. 22, 1921. Serial No. 494,346. 4 Claims. (Cl. 51—133.)



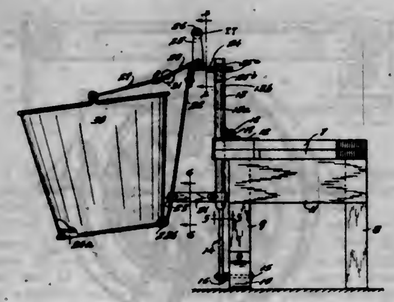
2. The combination with a rotating lens grinding lap, of means operatively connected thereto for driving the lap, a revoluble eccentric pin carrying spindle opposed endwise to the approximate center of the lap, means operatively supporting said spindle and operatively connected with the lap driving means, and acting to shift the spindle in a direction longitudinally of the machine at right angles to the axis of the lap, means operatively connected to the lap driving means and the spindle supporting means, the latter connection causing the spindle to shift transversely of the machine at right angles to the axis of the lap, the shifting of the spindle causing the eccentric pin to move the lens block in a circuitous path, and means for varying the lateral shifting of the spindle for altering the circuitous path of the lens block.

1,577,138. FASTENER. WILLIAM CLARKE S. MAYS, Edgewood, R. I., assignor to Mays Manufacturing Company, Inc., Providence, R. I., a Corporation of Rhode Island. Filed July 25, 1925. Serial No. 46,010. 3 Claims. (Cl. 24—102.)



1. A cuff fastener formed of a thin strip of bendable metal having a bridge portion lying in substantially a single plane, longitudinally extending arms arranged at an angle to said bridge portion, said bridge portion being bent or offset sharply from said arms and weakened at the bend rendering further bending of the arms where they connect the bridge portion more responsive to bending pressure than either said arms or bridge portion.

1,577,139. MILKING STOOL AND PAIL HOLDER. WILLIAM MILREATH, Lakefield, Minn. Filed May 18, 1925. Serial No. 29,947. 5 Claims. (Cl. 31—57.)



2. A pail holder and milking stool device having in combination, a stool, a standard vertically movable at one end thereof, means for holding said standard in different vertical positions, a pail holding means carried by said standard including a means swingable about a horizontal axis and having spaced portions engaging the bail of the pail, and means engaging under the edge of said pail.

1,577,140. DEHORNING IMPLEMENT. ISAAC NEWTON MITCHELL, Lolita, Tex. Filed Oct. 8, 1924. Serial No. 742,472. 5 Claims. (Cl. 128—308.)

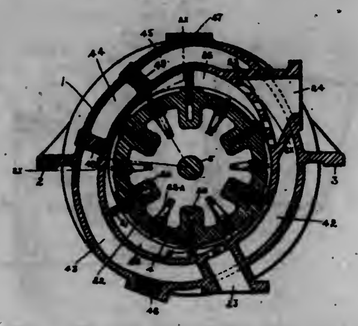


1. In a tool of the character described, a jaw having an integral handle, a second jaw pivoted intermediate its ends to said handle, a second handle pivoted to said handle and constituting a lever of the second class, and a connection between said second handle and one end of the second jaw comprising a pivotal cross bar connected at one end to the second jaw and whose other end is movable with respect to the first mentioned handle toward and away from the fulcrum of the handles to increase the throw of the jaw when the handles are moved about their fulcrum.

1,577,141. ROTARY INTERNAL-COMBUSTION ENGINE. HUGH D. MORRISON and FRANK B. WEBB, Rochester, N. Y. Filed Dec. 6, 1920. Serial No. 428,779. 1 Claim. (Cl. 123—16.)

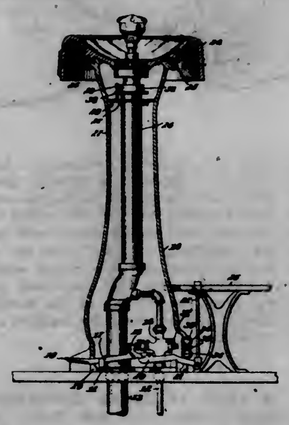
In a rotary engine, the combination of a hollow casing, a flange provided at each end of said casing on the outside thereof, a channel formed between said flanges and said casing, a ring mounted in each of said channels and forming a second channel at each end of said casing, a rotor mounted to rotate within said hollow casing, a pair of parallel flanges provided at each end of said rotor, one of each of said flanges being adapted to engage into said second channels formed in said casing and the other of each of said pair of flanges on said rotor being adapted to make frictional contact with the out-

side of said ring carried at each end of said hollow casing, piston blades mounted to slide in said rotor, and shallow pockets formed in the periphery of said rotor between said piston blades, spark plugs projecting through



said rotor into each of the pockets formed in the periphery thereof, the outline of the inside of said hollow casing being such as to compress and confine an explosive charge in said shallow pockets in the rotation of said rotor.

1,577,142. DRINKING-FOUNTAIN PEDESTAL. PHILIP MUELLER and ANTON C. SCHUERMANN, Decatur, Ill., assignors to Adolph Mueller, trustee, Decatur, Ill. Original application filed Nov. 12, 1919, Serial No. 337,490. Divided and this application filed Apr. 30, 1923. Serial No. 635,590. 2 Claims. (Cl. 137—18.)



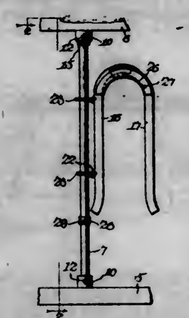
1. A pedestal for drinking fountains having a hand hole provided with vertically disposed bar receiving slots, the inner wall of said pedestal having diametrically opposed stop lugs positioned at substantially right angles to said slots, a curved cover plate for said hand hole having a central recess formed in its outer face, a locking bar having an outwardly disposed arch and adapted to pass through the slots in said pedestal and engage said lugs, and a coupling bolt threaded in said bar and freely rotatable in said plate, the head of said bolt arranged to lie wholly within said recess.

1,577,143. CUSHION TIRE. THOMAS C. MUSSEN, Toronto, Ontario, Canada. Filed Nov. 7, 1924. Serial No. 748,456. 5 Claims. (Cl. 152—8.)



1. The combination of a wheel felloe; a U-shaped substantially continuous metal rim adapted to be positioned on or removed from the felloe; releasable means for locking the rim on the felloe; and a tire of rubber and fabric built up on the rim and bridging the opening therein.

1,577,144. COW STANCHION. CARL M. OLSON, Kilbourn, Wis. Filed Aug. 24, 1925. Serial No. 52,065. 4 Claims. (Cl. 119—147.)

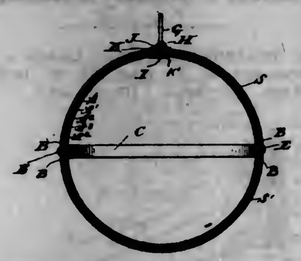


4. In a cow stanchion, the combination with an upright supported at its ends for back and forth adjustment, of a depending spring secured to the upper end of said upright and deflected at its lower end towards the same, for engaging one of the connections between the yoke and upright when said yoke is elevated, an inverted U-shaped yoke having laterally disposed connections loosely connected to said yoke and loosely engaging said upright, said yoke being made of two cross-sectional U-shaped pieces adjustably joined together at their upper ends, and a shield mounted so as to cover the lower portion of the juncture of said pieces.

1,577,145. REENFORCED HIGH-PRESSURE FLOAT AND PROCESS OF MANUFACTURING THE SAME. GEORGE W. OSBORN, Cleveland, Ohio. Filed Feb. 13, 1925. Serial No. 8,922. 8 Claims. (Cl. 137—104.)

2. The hereinbefore described process of constructing a high pressure sheet metal float, consisting in forming two semispherical bodies by first spinning a pair of semispherical segments from sheet metal, and thereafter spinning and superimposing thereon similar semispherical sheets of metal closely fitted to the same and to each other, until a number of independent laminations have been assembled, next bevelling outwardly the edges of the semispherical portions in each semisphere thus constructed when assembled together, approximating said edges of said pair of semispheres together and inserting the horisontal flange of a T shaped ring between them, introducing welding metal into the annular V shaped cavities thus formed between said edges and said flange and integrally uniting the same at a

welding heat with said edges and with the sides of said flange and finally forming an external annular crown or bead by applying molten welding metal over the outer edge of said flange and uniting the same with the welding metal in said recesses.



5. A laminated hollow sheet metal float, composed of semispherical hollow bodies, each body being composed of an inner semispherical sheet metal member and closely fitting outer sheet metal laminations superimposed thereon, and a central reenforcing ring to which the edges of said laminations in said bodies are secured, said ring being provided with a central outwardly projecting flange passing between the edges of said segments, and also provided with lateral members overlapping the inner sides of said segments, and means for integrally connecting said ring to the edges of said segments.

1,577,146. MUD-GUARD BRACKET. EWALD F. PAWSAT, Maysville, Ky., assignor to Wald Manufacturing Company, Maysville, Ky., a Corporation of Kentucky. Filed Feb. 24, 1925. Serial No. 11,281. 2 Claims. (Cl. 208—141.)



1. In combination with a mud guard bracket provided with a bolt hole intermediate its ends, a re-enforcing plate adapted to be assembled with said bracket, said plate being provided with a bolt hole adapted to register with the hole in said bracket when assembled, two pairs of opposed flanges at the ends of said plate arranged to grip said bracket to secure the plate thereon, and a pair of opposed flanges intermediate the pairs of opposed end flanges, said intermediate flanges being adapted to extend in substantially parallel relation with the edges of said bracket on opposite sides of said bolt holes.

1,577,147. TRUSS. ISAAC M. PRASS, Cincinnati, Ohio, assignor to The Ohio Truss Company, a Corporation of Ohio. Filed Feb. 2, 1925. Serial No. 6,336. 2 Claims. (Cl. 128—104.)



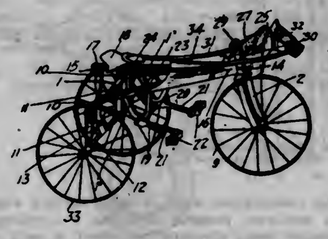
1. In a truss, in combination with a spring and a supporting member, the ends of said spring and member being adapted to overlap, a sleeve arranged to encircle said ends, and studs adapted to be inserted in the ends of the spring and member beyond opposite ends of the sleeve for securing the parts together.

1,577,148. FLY-CATCHING DEVICE. LOUIS A. PICAL, Parma, Ohio. Filed Mar. 27, 1925. Serial No. 18,745. 7 Claims. (Cl. 43—111.)



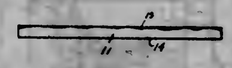
1. A device of the character described comprising a casing having an enlarged opening therein, a roller rotatably mounted at each end of said casing, a belt trained about said rollers and lying below said opening, means attached to one of said rollers for rotating the same in order to turn the belt, a drawer arranged in one end of said casing for containing a liquid adhesive, an adhesive roller positioned in said drawer, and spring means engaging said roller for holding the same in contact with said belt in order to apply adhesive thereto during the turning of said belt.

1,577,149. TRICYCLE TOY. HENRY STANLEY PLAIN, Toronto, Ontario, Canada. Filed Aug. 19, 1925. Serial No. 51,219. 3 Claims. (Cl. 208—42.)



1. A tricycle toy comprising a front steering wheel and a pair of rear driving wheels, a fork in which the front wheel is mounted provided with a steering post in which the fork is journalled, a triangular frame connected at its apex to the steering post, a shaft extending between the rear driving wheels, a bar pivotally mounted in the main frame at its apex, a saddle mounted upon the free end of the bar, a rock shaft, means for supporting the rock shaft from the main frame, pedal arms and pedals mounted upon the rock shaft, means operated by alternate pressure upon the pedals and saddle for driving the rear wheels, and means for controlling the direction of the steering wheel.

1,577,150. IMITATION SHAKE SHINGLE. CHARLES E. PUTMAN, Portland, Oreg. Filed Sept. 24, 1924. Serial No. 739,630. 2 Claims. (Cl. 108—8.)



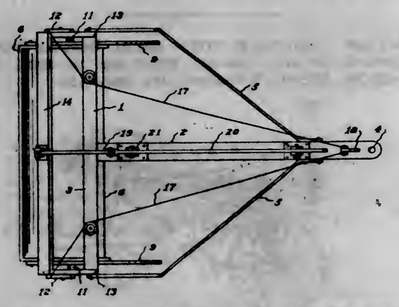
1. A tapered shingle having a plane back and a face plane toward the upper or thin edge of the shingle and fluted in smoothly curved waves thruout the exposed area toward the thick edge, whereby the thicker portions when laid as a roof or wall will simulate shake shingling and the thinner portions will insure airtightness.

1,577,151. ELECTRIC LIGHT. RICHARD C. ABBLT, Jr., Argonne, Wis. Filed Apr. 11, 1925. Serial No. 22,412. 1 Claim. (Cl. 176—26.)



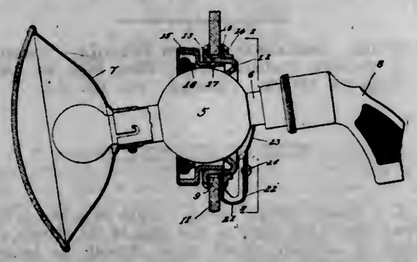
An electric light comprising a bulb, an outer contact, an inner contact, a double filament, a main lead connected to both filaments and to the inner contact, an auxiliary lead permanently connecting one filament to the other contact, an auxiliary lead connected to the other filament and having its one end free and means for connecting said free end to the outer contact, said bulb having a recess for housing the free end of said second auxiliary lead.

1,577,152. SCRAPER HITCH. JOHN ADAMS and WILLIAM H. ADAMS, Burlington, N. J. Filed Nov. 7, 1923. Serial No. 673,319. 3 Claims. (Cl. 37—140.)



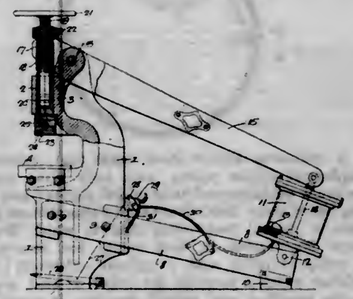
1. The combination with an earth moving scraper, of a hitch structure therefor including a coupling frame, said scraper being pivotally connected to said coupling frame, a movable frame pivotally supported relative to the scraper and the coupling frame, runners attached to said scraper, pawls pivotally carried by said movable frame, said runners provided with notches adapted to receive said pawls for holding the scraper in rigid adjusted positions.

1,577,153. MOVEMENT-LIMITING DEVICE FOR SPOTLIGHTS. GEDOR W. ALDEEN, Rockford, Ill., assignor to Fyrac Manufacturing Co., Rockford, Ill., a Corporation of Illinois. Filed Feb. 15, 1924. Serial No. 692,976. 4 Claims. (Cl. 240—61.)



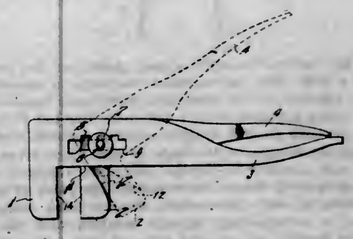
1. In combination, a support having an opening, a housing secured to the support around the opening by means including a threaded part passing through the opening and a ring-nut threaded on said part and adapted to be tightened thereon for clamping said housing to said support, a spotlight-carrying device mounted on said housing for directional movement, a stop and a stop-supporting ring positioned on said housing and clamped therewith to the support by said ring-nut.

1,577,154. PIG-IRON BREAKER. ARTHUR A. AMBLER, New Brunswick, N. J. Filed Feb. 27, 1923. Serial No. 621,629. 10 Claims. (Cl. 29—66.)



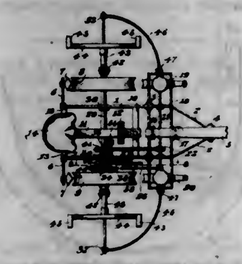
1. The combination in a breaking machine, of a frame having a floor engaging foot spaced rearward from the main body thereof; two separated supports thereon for a body to be broken; a vertically reciprocable head operative in a line between said supports; a guide for the head; a breaking tool carried by the head; and a lever pivoted to the frame for actuating said head to cause the tool to break a body mounted on the supports; and a motor for operating the lever connected with the frame at a point closely adjacent the said foot.

1,577,155. WRENCH. JOHN ANDERSON, Lincoln, Kans. Filed Oct. 21, 1924. Serial No. 744,941. 1 Claim. (Cl. 81—83.)



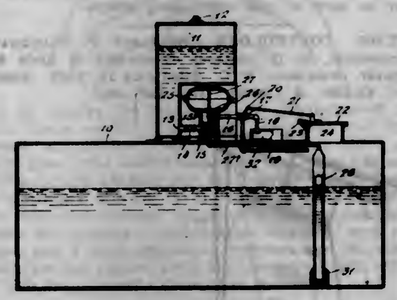
A wrench comprising cooperating jaw members both having handle elements, one of which elements is provided with a longitudinally disposed elongated slot with one straight edge and with the other edge provided with spaced notches, and a stud having a body portion of substantially elliptical form in cross section with its major diameter disposed transversely of the handle element when the jaws are in parallelism, said body portion of the stud being adapted to selectively engage in any one of the spaced notches, the jaw member which is a part of the handle element carrying the stud being provided with a shoulder abutting a longitudinal edge of the other handle element when the jaws are in parallelism and being further provided with a cut away portion on one side face and having an inclined wall abutting the edge of the handle element having the slot when the jaws are disposed at an angle of divergence, the body portion of the stud in such position being disengaged from the notches and with the major diameter of the stud at an inclination to and having a sliding bearing on the straight edge of the slot.

1,577,156. PLANTER. LUDWIG ASCHE, Leigh, Nebr. Filed Nov. 7, 1925. Serial No. 67,583. 2 Claims. (Cl. 111—25.)



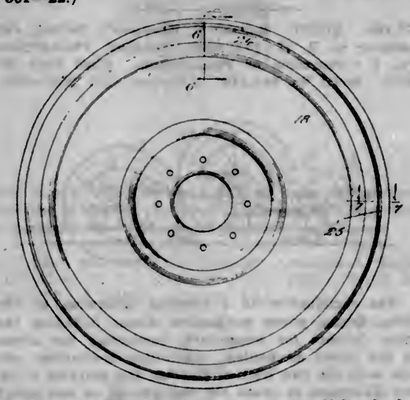
2. A planter of the type described comprising an axle, a revoluble wheel loosely mounted thereon, said wheel having the inner end of its hub toothed, a marker device fixed to the axle, a cam fixed to the axle and having one of its faces toothed for clutching engagement with said wheel in one direction and having its other face oppositely toothed, seed depositing devices including a shaft having a rock arm in the path of said cam, spring controlled means for normally urging said wheel and said cam together in driving relation when the machine is moving ahead, a toothed revoluble member loosely and slidably mounted on said axle and having a toothed face adapted to operatively engage the other face of said cam for rotation in the same direction, and means for revolving said member whereby the cam may be rotated past the one way clutch teeth of the wheel to provide for the adjustment of the cam and marker relative to the wheel.

1,577,157. METHOD AND DEVICE FOR TREATING LIQUIDS. EARL A. AVERILL, Mount Vernon, N. Y., assignor to The Superheater Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 5, 1924. Serial No. 754,156. 17 Claims. (Cl. 210—29.)



1. An apparatus of the class described, comprising a tank, a metering pipe communicating with the interior of said tank, a measuring vessel the top of which is connected with said metering pipe, a reservoir open to the outside air located at a lower level than said vessel and having a connection discharging into the tank, a pipe connecting the lower portion of said vessel with said reservoir at a point below its discharge connection, said pipe, measuring vessel and metering pipe forming a unit closed to the outside air, a supply pipe leading to said reservoir at a point below its discharge connection, and a container to deliver liquid to the reservoir through said supply pipe.

1,577,158. DEMOUNTABLE RIM STRUCTURE FOR WHEELS. WILLIAM BARBER, New York, N. Y. Filed Mar. 22, 1921. Serial No. 454,396. 12 Claims. (Cl. 301—22.)



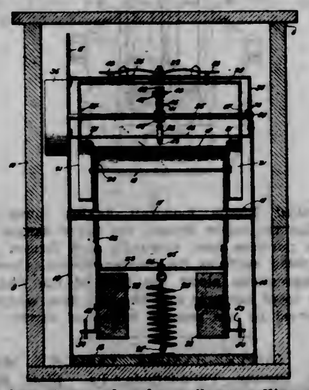
1. In a demountable rim structure for disk wheels, a wheel disk having a hub portion and a fixed rim member, said fixed rim member having transverse depressions, means to receive different types of rims, and means for clamping the rims upon said fixed rim.

1,577,159. METALLIC REENFORCING CORE FOR GOLF-CLUB SHAFTS AND THE LIKE, AND METHOD OF MAKING THE SAME. HAROLD G. BARRETT, Wilmette, Ill., assignor to Barbarite Corporation, Chicago, Ill., a Corporation of Illinois. Filed July 17, 1925. Serial No. 44,225. 16 Claims. (Cl. 273—80.)



1. A shaft for golf clubs and the like comprising a plurality of wooden strips secured together, and a hollow longitudinally split metallic core contracted and surrounded by the said strips.

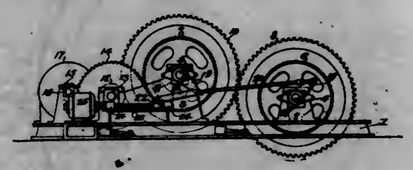
1,577,160. IMPACT RECORDER. JOHN B. BASKERVILLE, Roanoke, Va. Filed July 20, 1925. Serial No. 44,824. 11 Claims. (Cl. 234—1.)



1. An impact recorder for railway rolling stock including mechanism carried by the rolling stock and embodying a movable record sheet holder and a time operated

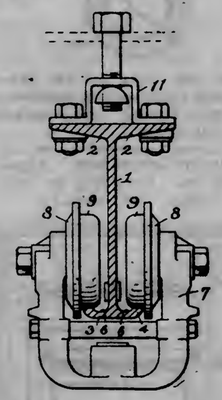
marker, the record sheet impinging against the marker when impacts of predetermined intensity are sustained by the rolling stock.

1,577,161. HOIST. ROBERT H. BEAUMONT, Radnor, Pa., assignor to R. H. Beaumont Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 30, 1921. Serial No. 504,346. 3 Claims. (Cl. 254—185.)



1. The combination in a hoisting apparatus, of two hoisting drums, power mechanism, means including two friction clutches for respectively connecting the drums with the power mechanism, controlling mechanism connected with the two friction clutches and movable in opposite directions to cause the engagement of one clutch and the release of the other clutch, and a reversible motor having a positively acting power connection with the said controlling mechanism to move it in either direction as desired, the said motor being constructed and adapted to stall when the said controlling mechanism reaches its limit of movement in either direction and the motor thereby serving to continue to apply force which serves to hold the corresponding friction clutch in engagement.

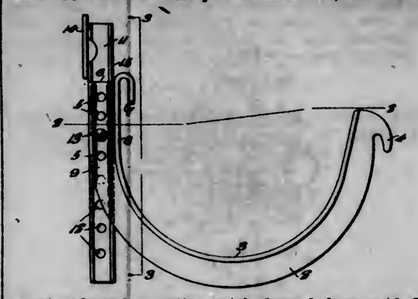
1,577,162. I-BEAM MONORAIL. EARL T. BENNINGTON, Cleveland Heights, Ohio, assignor to The Cleveland Crane and Engineering Company, Wickliffe, Ohio, a Corporation of Ohio. Filed July 6, 1925. Serial No. 41,462. 3 Claims. (Cl. 104—109.)



2. A rolled I-beam monorail having lower flanges shorter than the upper flanges, the lower flanges having their edge portions bent upwardly and formed to provide flat tread surfaces for carrier wheels, there being shallow depressions along the tops of the flanges between the tread surfaces and the web into which metal may be forced by the peening action of carrier wheels.

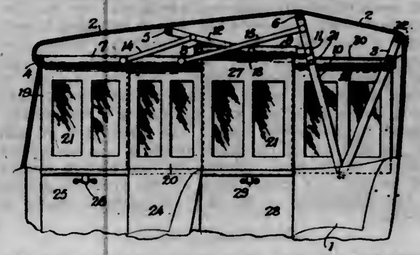
1,577,163. GUTTER-HANGER CIRCLE. MATTHEW RUSSELL BIMSON, Philadelphia, Pa. Filed May 13, 1925. Serial No. 29,887. 3 Claims. (Cl. 106—29.)

3. A gutter hanger circle comprising an integral flanged structure, whose flange forms a gutter seat, the heel part of which is perpendicularly arranged, a rib bent out from the heel part of said web, said rib being



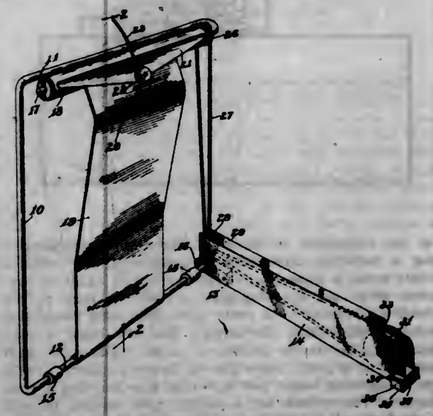
apertured, and a gutter catch formed from said flange, the material of the remaining part of the structure coextensive with the catch being sheared off.

1,577,164. AUTOMOBILE SIDE CURTAIN. LOUIS H. BISCH, Asheville, N. C. Filed Oct. 22, 1923. Serial No. 670,092. 3 Claims. (Cl. 296—143.)



3. In a collapsible top including supporting bows, a rigid side rail constituting a housing for a plurality of overlapping rollers, a roller housing pivoted at one end to said side rail and at its other end to a bow, said side rail and roller housing forming part of the top supporting frame, a roller in said roller housing overlapping the adjacent roller in the side rail, and side curtains on each of said overlapping rollers.

1,577,165. COPYHOLDER. BENJAMIN F. BLAKEMAN, Greensboro, N. C., assignor of one-half to Alvis W. Craver, Greensboro, N. C. Filed July 18, 1925. Serial No. 44,529. 6 Claims. (Cl. 120—30.)



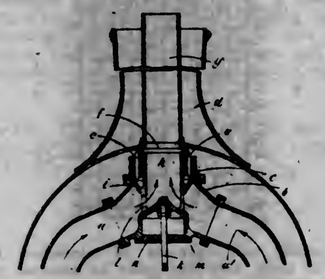
1. In a copyholder, the combination of a U-shaped frame having substantially parallel legs arranged one above the other, a roller rotatably mounted on the upper leg and having a frictional surface, a spring plate secured to and extending upwardly from the lower leg and bearing against the roller to hold the copy, a line guide carried at the upper end of the plate, and means for rotating the roller in either direction to move the copy up or down.

1,577,166. FIRE LIGHTER. CHARLES BLAMFIELD, Boston, Mass. Filed Sept. 16, 1925. Serial No. 56,631. 4 Claims. (Cl. 44—36.)



1. A fire lighter comprising two elongated members, and an elastic band confining them together, the band being attached to one of the members and provided with an anti-friction plate between it and the opposite surface of the other member, one of the members being adapted to carry an igniting element, and the other a friction surface, an elastic means for relatively sliding said member and thereby igniting said element, one of said members having a transverse notch, a stop adapted to enter said notch and thereby to hold the members in a set position, and means for causing said stop to discontinue its holding action after a predetermined lapse of time.

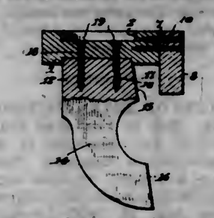
1,577,167. EXHAUST-PIPE NOZZLE FOR LOCOMOTIVES. EMILE BLUMS, Harburg-on-Elbe, Germany. Filed Nov. 3, 1925. Serial No. 66,568. 3 Claims. (Cl. 162—7.)



1. In devices for controlling the admission of exhaust steam to the chimneys of locomotives and other similar engines, the combination with two steam exhaust pipes, of a header connecting said pipes and comprising a valve chamber and an upwardly directed nozzle concentrically located in the chimney and including two concentric passages, an escape pipe connected to the nozzle and forming a continuation of one of said passages, and a valve adapted to reciprocate in the nozzle and cause the exhaust pipes to communicate with either or both the concentric passages of the nozzle.

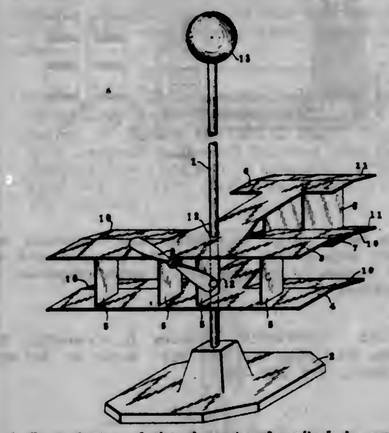
1,577,168. PORTABLE COMBINED INK PAD AND SUPPORT. WILLIAM E. BOWERS, Baltimore, Md. Filed June 18, 1925. Serial No. 38,021. 1 Claim. (Cl. 248—20.)

A support for an ink pad for mounting on the top edge of a receptacle comprising a substantially rectangular imperforate carrier having its upper face formed with a shallow pocket to receive the ink pad, a rectangular retaining member having its outer face positioned against and depending from the rear edge of said carrier, means for securing the upper portion of said member to the carrier, a combined supporting and locking member consisting of a head and an extension depending therefrom, said head mortised in the lower face of the carrier intermediate the ends of the longitudinal median thereof and having its rear edge spaced and inclining from the for-



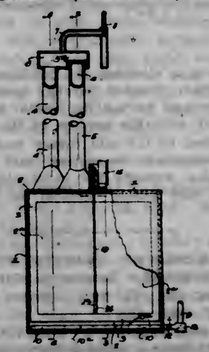
ward face of said member, said edge inclining forwardly from the bottom of the head, and means for detachably securing the head and carrier together.

1,577,169. AMUSEMENT DEVICE. CHARLES A. BOYLE, Brooklyn, N. Y. Filed May 12, 1922. Serial No. 560,272. 3 Claims. (Cl. 46—14.)



1. In a device of the character described, in combination, a vane having downwardly-extending lifting surfaces, an extension forming a part of said vane and having its inner end disposed at a point short of said lifting surfaces, a second vane at the outer end of said extension, and a downwardly-extending lifting surface forming a part of said second vane.

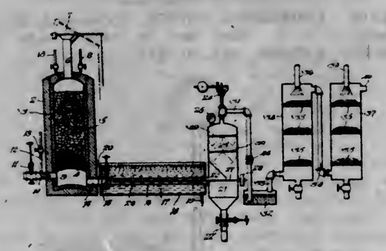
1,577,170. RECORDER AND INDICATOR. HOWARD M. BROWN, Chester, Pa. Filed Mar. 17, 1920. Serial No. 366,476. 17 Claims. (Cl. 265—44.)



1. An indicator comprising an air-tight container having a movable wall dividing said container into two chambers, each chamber having an inlet and an exhaust

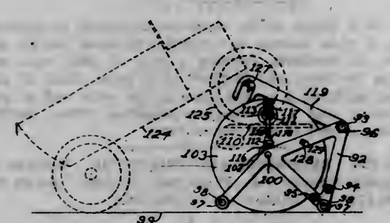
opening the exhaust openings being on the same level, means for producing similar suctions at the exhaust openings, and means for indicating the lateral displacement of the movable wall when gases of different densities are present in said chambers respectively.

1,577,171. PROCESS OF METAL CUTTING, WELDING, OR THE LIKE. ROY H. BROWNLEE and ROY H. UHLINGER, Pittsburgh, Pa., assignors, by mesne assignments, to Carbo-Oxygen Company, Pittsburgh, Pa., a Corporation of Delaware. Original application filed June 1, 1915, Serial No. 31,441. Divided and this application filed Aug. 13, 1925. Serial No. 49,958. 6 Claims. (Cl. 148—9.)



6. A metal cutting or welding flame comprising the mixture with oxygen of a gas the major portion of which consists of hydrocarbon.

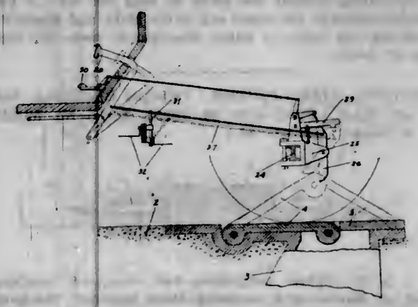
1,577,172. CONVEYER. HORACE L. CAMPBELL, St. Louis, Mo. Filed Jan. 31, 1924. Serial No. 689,638. 4 Claims. (Cl. 254—94.)



1. In a portable elevator, the combination of a rotary member; another member pivoted co-axially with said rotary member and having its pivotal movement limited by engagement with the surface of the road traversed; a holder pivoted to the said rotary member; and parallel-motion mechanism connecting said second member and said holder, whereby the inclination of said holder relatively to said second member is maintained constant.

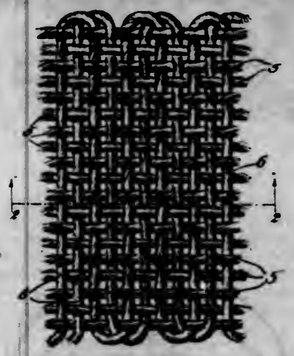
1,577,173. AUTOMATIC VEHICLE STOP FOR RAILROAD CROSSINGS. BENEDETTO CAPRA, Sacramento, Calif. Filed Aug. 11, 1925. Serial No. 49,675. 10 Claims. (Cl. 246—125.)

1. A safety-stop structure for a road vehicle at railway crossings, comprising a raisable unit mounted across the road and normally level therewith, means actuated by a train approaching the crossing for raising said unit, brake mechanism on the vehicle, a member mounted on the road vehicle for engagement with said unit when



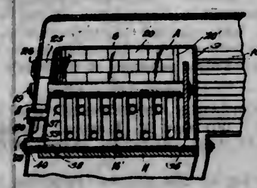
the latter is raised, and a connection between said member and the brake mechanism arranged to cause the brakes to be applied when said member engages the unit.

1,577,174. WASHCLOTH. RICHARD M. CHRISTENSEN, New York, N. Y. Filed June 24, 1925. Serial No. 39,198. 2 Claims. (Cl. 139—420.)



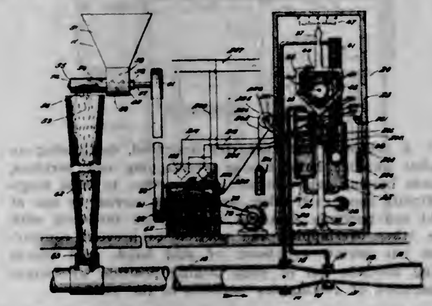
1. A wash cloth composed of interwoven twisted strands of hemp fiber, the twist of adjacent parallel strands extending in reverse directions.

1,577,175. SMOKE AND GAS CONSUMING FIRE BOX FOR LOCOMOTIVES. JAMES A. CONNELL, Pittston, Pa. Filed July 11, 1925. Serial No. 43,014. 8 Claims. (Cl. 122—373.)



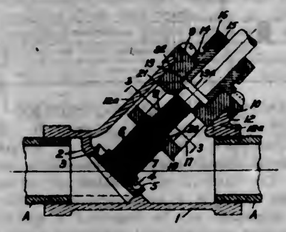
1. In a locomotive boiler, a plurality of flue tubes in the forward portion thereof, a crown sheet including a front wall receiving the flue tubes, a pair of sides, and a rear sheet, thereby forming a fire box, a grate supporting structure in the bottom of the fire box horizontally disposed, grates in the supporting structure, one to each side of the median longitudinal dimension thereof, a pair of water grates disposed vertically in the fire box and extending longitudinally thereof in spaced relation to form a combustion chamber therebetween, walls rising from the water grates to the top of the crown sheet, and a plurality of draft tubes communicating the sides of the fire box with the exterior, and a baffle plate disposed in the fire box to the front of the combustion chamber and to the rear of the plate supporting the ends of the flue tubes.

1,577,176. VARIABLE-SPEED DEVICE. FREDERICK N. CONNET, Providence, R. I., assignor to Builders Iron Foundry, Providence, R. I., a Corporation of Rhode Island. Filed May 5, 1924. Serial No. 711,304. 17 Claims. (Cl. 210—29.)



1. An apparatus for feeding a material proportionately to the rate of flow of fluid in a conduit comprising in combination a constant-speed motor, a feeding device having a driving shaft, the rate of feeding thereof being proportionate to the driven speed of said shaft, and means to vary the speed transmitted to said shaft proportionately to the rate of flow of fluid in said conduit.

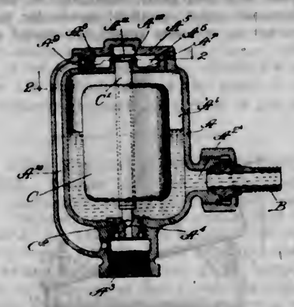
1,577,177. VALVE. RUDOLPH CONRADER, Erie, Pa. Filed Dec. 12, 1924. Serial No. 755,399. 2 Claims. (Cl. 251—47.)



1. In a valve, the combination of a body having an inclined seat and an inclined bonnet projection; a valve disc operating on the seat; a screw extension on the disc; a screw-threaded stem having a screw connection with the extension; a bonnet on the bonnet projection in which the stem is rotatively mounted and locked against axial movement; and guiding means carried by the bonnet extending through the short side of the bonnet projection into the body and locking the extension against turning.

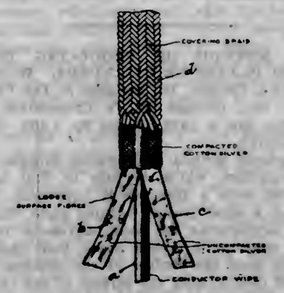
1,577,178. RADIATOR VALVE. JAMES CONROY, Chicago, Ill. Filed Dec. 22, 1921. Serial No. 534,334. 5 Claims. (Cl. 137—113.)

1. The combination of a radiator valve having a float chamber, water inlet and outlet ports communicating with such chamber, a float valve in such chamber, with a pair of independent air conduits communicating with such float chamber and with the discharge from the valve, one of such conduits lying within but normally



separated throughout its length from such float chamber, and the other conduit lying wholly outside the float chamber.

1,577,179. INSULATED WIRE AND THE METHOD OR ART OF MAKING SAME. WILLIAM E. COOK, St. George, N. Y., and MERRITT B. BRADT, Pennington, N. J., assignors to Peerless Insulated Wire and Cable Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 20, 1917. Serial No. 203,055. 7 Claims. (Cl. 173—264.)

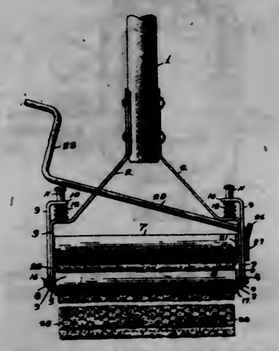


1. An insulated wire embodying therein a conductor wire, and insulation therefor consisting of a strip of lightly matted untwisted and unfelted fibrous material extending longitudinally of the wire, and a tubular braid covering and confining said fibrous material, the outer fibers of said material being enmeshed with, or entangled in, the meshes of said braid, whereby said braid is embedded in, and mechanically anchored to, said material, said material and said braid being impregnated with an electro non-conductive and weatherproofing material bonding the fibers of said material and said braid together, and portions of said fibrous material overlaying portions of said braid.

1,577,180. WRINGER MOP. FREDERICK CRAIB, Martinez, Calif. Filed Sept. 26, 1925. Serial No. 58,865. 1 Claim. (Cl. 15—116.)

A wringer-mop comprising a handle; a frame mounted upon one end of said handle; a roller rotatably mounted within said frame; a gear mounted upon one end of said roller; a crank rotatably mounted within said frame and at an angle to said roller to prevent interference of said crank with a mopping process of said mop; a pinion mounted upon one end of said crank and engaging the gear upon the roller whereby said roller may be rotated when said crank is rotated; a second

roller rotatably, detachably and slidably mounted within said frame and adjacent and parallel to the first mentioned roller; latches slidably mounted upon the sides of the frame and detachably engaging the ends of the second mentioned roller; resilient means for moving the slidable latches to normally retain the second mentioned

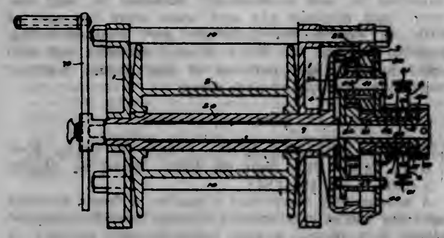


roller in engaging relation with the first mentioned roller; and a mop cloth detachably mounted between the rollers and having the ends of said mop cloth turned back and secured to the body of said cloth to provide a double thickness at said ends to prevent passage of said ends through said rollers.

1,577,181. METHOD OF PRODUCING INTAGLIO PRINTING PLATES OR CYLINDERS. WILLIAM EDWARD CROWE, Chicago, Ill., assignor to The Prismatone Company, Inc., Chicago, Ill., a Corporation of New York. Filed Jan. 9, 1925. Serial No. 1,498. 6 Claims. (Cl. 101—211.)

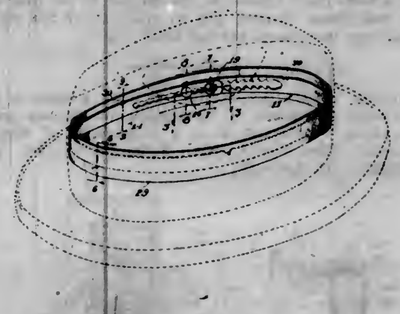
1. An improved method of producing intaglio printing plates or cylinders which consists in first producing an impression upon a transparent impression receiving material from a relief process printing plate, then photographically reproducing the said impression from said transparent material on carbon tissue, then applying the carbon tissue upon the surface of the printing cylinder or plate, and then etching the surface of the cylinder or plate through said carbon tissue and producing uniform depth cavities therein.

1,577,182. MULTIPLE POWER GEARING. CHARLES L. CULVER, Olalla, Wash. Filed Mar. 9, 1925. Serial No. 14,106. 6 Claims. (Cl. 74—34.)



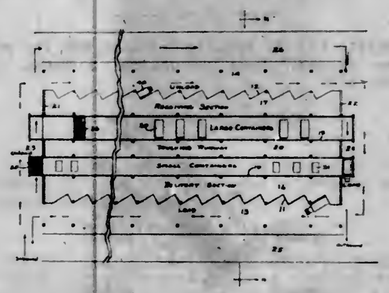
1. A power drive comprising two planetary gear trains having different speed ratios, a common planet carrier for both trains, one orbit gear being fixed and the other movable, a concentric rotative driving member and means for securing said driving member to either sun gear.

1,577,183. SHAPE-PRESERVING DEVICE FOR HATS. MARTIN W. DOWIARS, Chicago, Ill. Filed May 2, 1925. Serial No. 27,408. 9 Claims. (Cl. 2—185.)



1. A device of the character described, comprising an elastic annular band having overlapping end portions, means holding said end portions together to slide longitudinally upon each other, and means carried by one of said end portions arranged normally to interlock with the other overlapping end portion to prevent contraction but permit expansion of said band, said means being movable out of such locking position by lateral separation of overlapping portions of the band.

1,577,184. FREIGHT-TRANSFERRING SYSTEM. BENJAMIN F. FITCH, Greenwich, Conn. Filed Sept. 14, 1925. Serial No. 56,244. 21 Claims. (Cl. 214—38.)

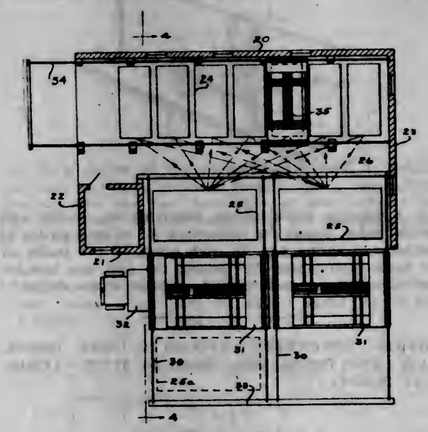


1. The method of handling freight comprising delivering to a classification platform a loaded removable automobile body, also delivering to the platform package freight loading some of such package freight and freight received in the automobile body into another automobile body, delivering the latter loaded body intact from the platform, and delivering from the platform package freight which was obtained from the first mentioned loaded body.

1,577,185. FREIGHT-TRANSFERRING SYSTEM. BENJAMIN F. FITCH, Greenwich, Conn. Filed Sept. 30, 1925. Serial No. 59,450. 8 Claims. (Cl. 214—38.)

1. A system of handling freight by means of a plurality of sub-stations which are spaced from a point of origin and from each other, comprising bringing freight in removable automobile bodies from the point of origin

to the sub-stations, raising and transporting the bodies from automobiles at the sub-station, and depositing them, collocating the freight from such loaded bodies to empty



bodies, raising the latter bodies, transporting them and depositing them on other vehicles, and then sending the last mentioned vehicles over delivery routes.

1,577,186. PROCESS OF PRODUCING GELS FOR CATALYTIC AND ABSORBENT PURPOSES. WALTER A. PATRICK, Baltimore, Md. Filed Feb. 28, 1920. Serial No. 362,138. 4 Claims. (Cl. 23—234.)

1. In the process of preparing a hard porous gel impregnated with a catalytic agent, the step of mixing with stirring solutions of a readily hydrolisable salt of a heavy metal and a substance which will react with the acid resulting from the hydrolysis of the salt to produce a colloidal solution which will set to a hydrogel without removal of the excess acid or salt.

1,577,187. METHOD OF PREPARING CATALYTIC AGENTS. WALTER A. PATRICK, Mount Washington, Md., assignor to The Silica Gel Corporation, Baltimore, Md., a Corporation of Maryland. Filed Nov. 18, 1922. Serial No. 601,868. 16 Claims. (Cl. 23—233.)

1. The process of preparing a catalytic agent, comprising treating a hydrogel of the character described capable of being converted into material having pores of such size that the water content at 30° C. when in equilibrium with water vapor at substantially 22 mm. of mercury will be at least 21% of the weight thereof, with a dilute solution of alkali and thereafter with a solution of a salt of a metal capable of forming a catalyst by reaction with the alkali.

1,577,188. METHOD OF PREPARING CATALYTIC AGENTS. WALTER A. PATRICK, Mount Washington, Md., assignor to The Silica Gel Corporation, Baltimore, Md., a Corporation of Maryland. Filed Nov. 18, 1922. Serial No. 601,867. 6 Claims. (Cl. 23—233.)

1. The process of preparing a catalytic agent, consisting in treating a porous gel having pores of such a size that the water content at 30° C. when in equilibrium with water vapor at a partial pressure of substantially 22 mm. of mercury will be at least 21% of the weight of the gel, the pores of which at the time of treatment are substantially filled with water, with a colloidal solution of catalytic material, and removing the water.

6. A catalytic agent comprising porous silica gel having pores of such a size that the water content at 30° C. when in equilibrium with water vapor at a partial pressure of substantially 22 mm. of mercury will be at least 21% of the weight of the gel, carrying a catalytic material on the surface only of the pores at and immediately adjacent the external surface of gel particles.

1,577,189. GELS FOR CATALYTIC AND ADSORBENT PURPOSES. WALTER A. PATRICK, Baltimore, Md. Original application filed Feb. 28, 1920, Serial No. 362,138. Divided and this application filed May 24, 1924. Serial No. 715,727. 15 Claims. (Cl. 23—233.)

1. A hard stable adsorbent and catalytic non-precipitated gel having ultramicroscopic pores comprising a composition including silica and a metallic oxide.

11. A hard glassy material having a porous structure substantially the same as silica gel and consisting of a colloidal oxide and at least one metal bearing material.

1,577,190. METHOD OF PREPARING GELS FOR CATALYTIC AND ADSORBENT PURPOSES. WALTER A. PATRICK, Baltimore, Md. Original application filed Feb. 28, 1920, Serial No. 362,138. Divided and this application filed May 24, 1924. Serial No. 715,731. 6 Claims. (Cl. 23—233.)

1. The process of preparing a hard porous gel consisting in mixing in solution, a salt of a metal, an acid, and a substance which will react with the acid to produce a colloidal solution, said reagents being of such concentrations and proportions that neither gelatinisation nor precipitation occurs immediately, but after some time the entire body of liquid hardens into a hydrogel, and treating said hydrogel to convert it into the hard porous gel.

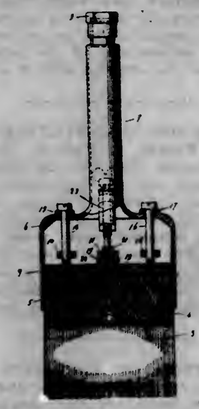
2. The process of preparing a hard porous gel consisting in mixing solutions of a salt of a metal, an acid, and a substance which will react with the acid to produce a colloidal solution, said salt, acid, and substance solutions being in proportions to give a concentration of acid after the reaction is complete of about 0.3 to 0.9 gram ions of hydrogen per litre, whereupon, neither gelatinisation nor precipitation occurs at once, but after some time the entire body of liquid hardens into a hydrogel, washing the hydrogel thus formed and thereafter removing moisture therefrom.

1,577,191. DRAFT CONNECTION FOR TEAM HARNESS HAMES. ALBERT RAHN and JOSEPH WEBER, Neustadt, Ontario, Canada. Filed Mar. 3, 1925. Serial No. 12,916. 2 Claims. (Cl. 54—30.)



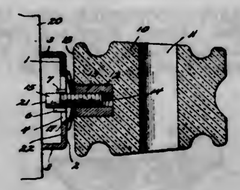
1. The combination with a hame member, of a draft connector comprising a strap adapted to be bent around the hame member to which a draft link is adapted to be connected, means having inwardly inclined faces adapted to engage the opposite outer faces of the hame as the strap is drawn therearound and the sides of the straps towards each other, and means for drawing the sides of the straps together and the inclined faces into engagement with the opposite outer edges of the hame.

1,577,192. FOUNTAIN BRUSH. ALFIO RAPISARDI, Boston, Mass. Filed Feb. 6, 1924. Serial No. 690,979. 3 Claims. (Cl. 15—138.)



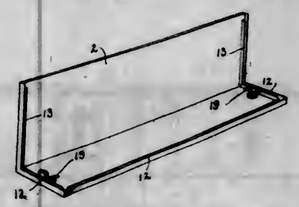
1. A fountain brush comprising, in combination, a hollow metal head, a handle connected with said head, a brush back shaped to fit in the end of said head, a body of bristles projecting from said back, screws extending through said head and into said back and serving to draw said brush firmly into engagement with said head and to secure it in its operative relationship to the head, said back having a passage therethrough for the discharge of liquid from said head into said body of bristles, a valve controlling the flow of liquid through said passage, a brace rigid with said head and serving to guide said valve, and means for adjusting said valve.

1,577,193. FASTENING DEVICE FOR INSULATORS. LYMAN C. REED, New Orleans, La., assignor to Joslyn Manufacturing & Supply Company, Chicago, Ill., a Corporation of Illinois. Filed May 1, 1924. Serial No. 710,401. 4 Claims. (Cl. 287—20.)



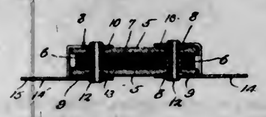
1. In a rack for insulators the combination of a support provided with a surface; a base member having an aperture and secured to said surface; a pair of lugs of different lengths associated with said aperture and projecting from said base member toward said suface; a key member adapted to pass through said aperture having a thickness less than the distance between the extreme end of the shorter of said lugs and said surface and greater than the distance between the extreme end of the longer one of said pair of lugs and said surface; and an insulator adjustably connected with said key member.

1,577,194. CAMPING TRUNK. JULES E. REBOURS, Grand Rapids, Mich. Filed Dec. 29, 1924. Serial No. 758,754. 7 Claims. (Cl. 190—12.)



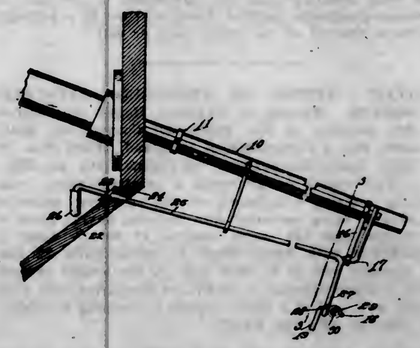
1. A camping trunk having, separable top, bottom and vertical sides, means for connecting all of said separable members, excepting one, to each other at the inside of the device and means for locking the said one member onto the other members from the outside of the device.

1,577,195. CONDENSER. RICHARD C. ROSE, Osceola, Ark. Filed Oct. 10, 1925. Serial No. 61,732. 1 Claim. (Cl. 250—41.)



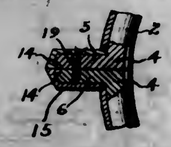
A condenser including spaced glass insulating members, said insulating members having openings disposed adjacent to the ends thereof, said openings being countersunk, tin foil plates arranged between the glass insulating members, insulating material disposed between the tin foil plates, and said clips being in circuit with the tin foil plates.

1,577,196. ACCELERATOR FOR GAS ENGINES. WILLIAM W. SCHNELLE, Chillicothe, Mo. Filed July 28, 1924. Serial No. 728,668. 1 Claim. (Cl. 74—39.)



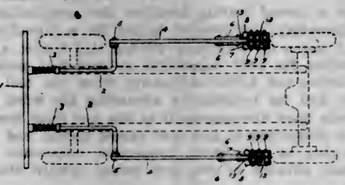
The combination with the gas rod having the lateral arm, and the throttle valve link of an automobile engine, of a bracket loosely carried by the gas rod, a rock rod having a foot-piece on one end and having its other end rotatable in said lateral arm, said rock rod having an angularly extending arm operatively connected with said throttle valve link, and an extension on the rock rod extending in a direction diametrically opposite to the angular arm and arranged to rest against the said gas rod whereby to limit rocking movement of the rock rod in one direction.

1,577,197. ZYL-COVERED SEPARABLE END PIECE. ELMER L. SCHUMACHER, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Aug. 22, 1924. Serial No. 733,526. 4 Claims. (Cl. 88—47.)



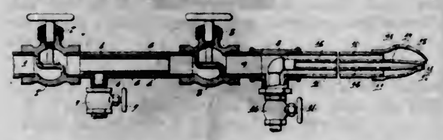
4. In a device of the character described, a metallic end piece having a recessed portion and a non-metallic covering over one face and edges of said metallic end piece extending into and retained in the recessed portion of the end piece.

1,577,198. AUTOMATIC STOP. JOSEPH SIEGEL, Pittsfield, Mass. Filed July 30, 1925. Serial No. 47,151. 2 Claims. (Cl. 180—83.)



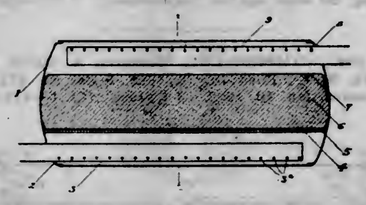
1. In a device of the class described the combination with a bumper bar, an extension bumper bar, a side rod pivotally connected to said extension bumper bar, a roller receptacle pivotally connected to said side rod, a plurality of rollers within said roller receptacle, a clamping bar, connecting rods connected to said clamping bar and the side rod, a spring connected to the clamping bar and the side rod, said spring to facilitate return of the roller receptacle to a raised or inoperative position.

1,577,199. OIL BURNER. GEORGE W. START, Portland, Oreg., assignor of one-half to George Kinnear, Portland, Oreg. Filed May 23, 1925. Serial No. 32,351. 2 Claims. (Cl. 158—75.)



2. In crude oil burners, an oil line, an oil-throttle valve to which the same leads, a second throttle valve, a jacket pipe connecting said throttle valves, an oil feed pipe located within said jacket pipe and secured at one end within the same to form an annular chamber and to receive the oil from said oil throttle valve and deliver it into said jacket pipe at a plate remote from said oil throttle valve, a steam inlet duct with a primary steam valve for delivering steam into said jacket pipe at a place adjacent said oil throttle valve, whereby the oil and steam will mix on entering said second throttle valve, a burner nozzle, a pipe connecting said second throttle valve with said nozzle to deliver the mixture thereto, an auxiliary steam duct controlled by a separate steam throttle valve and passing through said pipe which delivers the mixture to the nozzle, said nozzle being connected with said auxiliary steam duct whereby to deliver the steam against the mixture as it issues from the nozzle to effect further atomizing of the oil and to deliver same to the place for combustion.

1,577,200. ABSORPTION APPARATUS. CLYDE L. VORRES, Charleston, W. Va., VERNON C. CANTER, Tulsa, Okla., and ROBERT W. SKOOG, Charleston, W. Va., assignors to Gasoline Recovery Corporation, a Corporation of Delaware. Filed Aug. 3, 1925. Serial No. 47,856. 7 Claims. (Cl. 183—49.)

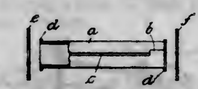


1. An apparatus consisting of a horizontally disposed drum having an apertured disseminator arranged in the lower portion of the same near the bottom and extending along the lower part of the drum for substantially the entire length of the latter, a mechanical support in the drum rigidly secured to the latter slightly above the said disseminator, substantially stationary solid absorbent material carried by the support, a second mechanical support between the absorbent material and first mentioned support and having openings sufficiently small to prevent particles of the solid absorbent material from passing therethrough, and a second apertured disseminator extending along the upper portion of the drum above the solid absorbent.

1,577,201. PROCESS FOR THE DISTILLATION OF PERSULPHURIC ACID AND OF SOLUTIONS OF PERSULPHURIC-ACID SALTS. GUSTAV BAUM, Weissentein, Austria. Filed May 5, 1924. Serial No. 711,242. 6 Claims. (Cl. 204—1.)

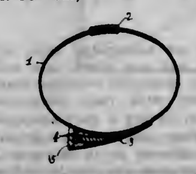
1. In the process for the distillation of a persulphuric acid body the step which comprises directly heating the liquid by means of alternating current, the alternations of which are lower than 500 per second.

1,577,202. SPOOL FOR PHOTOGRAPHIC-CAMERA FILMS AND SIMILAR PURPOSES. THOMAS GEORGE BARENDEN, Watford, England. Filed Mar. 26, 1925. Serial No. 18,612. 2 Claims. (Cl. 242—71.)



1. A metal spool such as used for photographic films comprising the combination of two end discs, a tubular body part having its ends formed with narrow flanges which abut against the end discs and are welded thereto, an inner perforated stop piece welded to one of the discs and arranged to be engaged by a long winding key where such are employed.

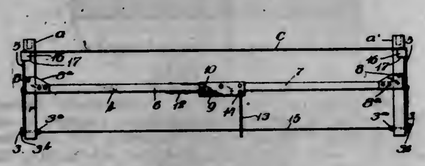
1,577,203. ARCH SUPPORT. ALBERT L. CRAMER, Denver, Colo. Filed Dec. 12, 1923. Serial No. 680,274. 1 Claim. (Cl. 36—71.)



An arch supporter comprising an elastic web, a non-elastic member secured to and connecting the ends thereof, a semicircular pocket of similar elastic web secured to

the supporter opposite the connecting member, and cushioning fillers of substantially semicircular form adapted to be inserted in said pocket, the straight side of the fillers being thicker than the curved edge, said pocket having its free edge turned inwardly for forming an internal shoulder to overhang the adjacent filler to assist in retaining the same against displacement.

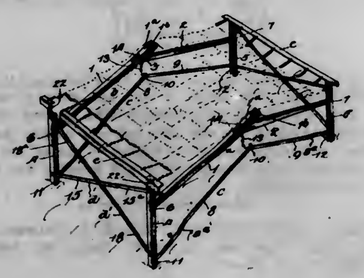
1,577,204. CAMPING COT. MANSELL A. DAVIS, New York, N. Y. Filed July 3, 1922, Serial No. 572,638. Renewed Jan. 19, 1926. 3 Claims. (Cl. 5—112.)



1. In a folding cot, two pairs of end posts, toggle connections between the posts of each pair, side bars pivotally connected at their ends to the central portions of the end posts, each side bar having an upwardly breaking hinge joint at its center, and said end posts adapted to fold against the upper sides of the side bars, flexible ties connecting the lower ends of the posts at each side of the cot, means connecting the central portions of said ties with the central portions of the side rails, and a top detachably connected to the upper ends of the end posts above their points of connection with the side bars.

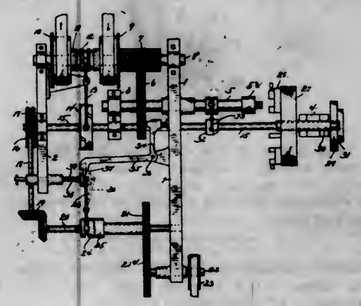
2. In a folding cot, two pairs of end posts, the posts of each pair having near their upper ends and on their outer sides alined angular notches, side bars pivotally connected to the central portions of the posts, cables connecting the lower parts of the posts, bars of angular cross-section fitting removably in said notches, and a fabric secured to said latter bars, said fabric having slots through which the end posts extend.

1,577,205. CAMPING COT. MANSELL A. DAVIS, Los Angeles, Calif. Filed Feb. 5, 1924. Serial No. 690,691. 8 Claims. (Cl. 5—112.)



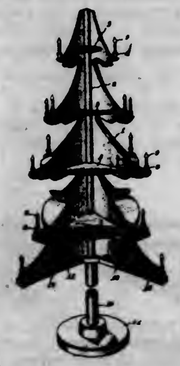
1. A folding cot comprising side rails composed of channeled bars, and end posts, each side rail composed of two pivotally connected sections adapted to fold one within the other with their channeled sides facing, the outer section having a part adapted to overlap the inner section when the sections are unfolded, one end of each section pivoted to an end post intermediate its ends, and the end posts adapted to fold parallel with the side rail sections and against the backs thereof, and sectional tie-rods pivotally connected to the lower parts of the end posts and adapted to fold within the side rails.

1,577,206. AUTOMATIC THREAD-CUTTING-MACHINE ATTACHMENT. GEORGE S. DEMPSTER, Detroit, Mich., assignor to Roberts Brass Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed June 6, 1923. Serial No. 643,666. 11 Claims. (Cl. 10—129.)



1. In a thread cutting machine, the combination with a reciprocatory and rotative holder for a thread cutting tool, of means for rotatively driving said holder, a rotatable holder for work engageable by said tool, means for maintaining the holder stationary when the tool is advanced, and for periodically advancing the work holder rotatively upon disengagement of the tool from the work, a drive connection to said last named means, and means for cutting off said drive connection responsive to an abnormal advance of the tool holder toward the work holder.

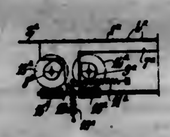
1,577,207. ARTIFICIAL CHRISTMAS TREE. WILLEM DIEPERINK-LANGERHIS, Warren, Pa. Filed Jan. 20, 1924. Serial No. 689,292. Renewed Sept. 15, 1925. 5 Claims. (Cl. 41—15.)



1. An artificial Christmas tree, comprising ornamental wings, a center post, having grooves receiving the inner edges of the wings, and a shelf located on the post and having removable interlocking engagement with all of the wings.

1,577,208. CONTROLLER FOR LUMINOUS ELECTRIC SIGNS. FREDERICK HARRY EDLES, Paris, France. Filed Oct. 25, 1923. Serial No. 670,739. 5 Claims. (Cl. 200—46.)

1. A form operated circuit switch comprising a plurality of circuit breakers, a perforate band of insulating material, the perforations of which are adapted to act upon and allow said circuit breakers to close in predetermined groups and sequences, and a driving member for said band comprising means for simultaneously engaging marginal portions of said band along the portion of its length which acts against said circuit breakers, means for moving said engaging means into operative position, means for advancing said engaging means while



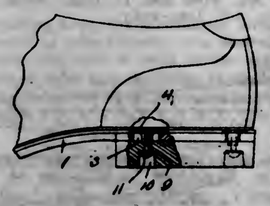
engaged with said band, said engaging means being movable to disengaged position, and means for retracting said engaging means while disengaged.

1,577,209. LIQUID GAUGE. MILLARD F. ELLIOTT, Palmyra, N. J. Filed Aug. 27, 1924. Serial No. 734,881. 2 Claims. (Cl. 73—54.)



1. An article of manufacture adapted for insertion in a gauge glass tube and comprising an elongated holder curved in cross section and provided with a supporting flange for resting upon the upper end of the tube and supporting the said article in position in the tube, and a strip of transparent material mounted in the holder, that face of the strip adjacent the holder being provided with a plurality of prisms extending longitudinally of the strip.

1,577,210. SHOE-HEEL-ATTACHING MEANS. GEORGE Y. EMERSON, Rochester, N. H. Filed Sept. 19, 1925. Serial No. 57,388. 3 Claims. (Cl. 36—42.)



1. In a shoe including an inner sole, an outer sole having a heel portion provided with oblong slots, a plurality of nuts having laterally extending wings at one end adapted to pass through the slots so that the nuts may be turned to engage the wings between the inner and outer soles, a heel and screws passing through the heel and engaged with the nuts.

1,577,211. BALL RETAINER. PETRUS ERICKSON, Chicago, Ill., assignor, by mesne assignments, to Marlin-Rockwell Corporation, Jamestown, N. Y., a Corporation of New York. Original application filed Dec. 14, 1922, Serial No. 606,851. Divided and this application filed Dec. 6, 1923. Serial No. 678,883. 6 Claims. (Cl. 308—201.)



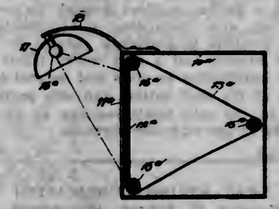
1. A ball retainer having a body, a tubular portion integral with said body and extending through an opening in the body and being integrally connected thereto by a second tubular portion extending outside the first mentioned tubular portion.

1,577,212. EIGHT-IMPULSE FOUR-CYLINDER LOCOMOTIVE. MATTHEW R. FEELEY, Scranton, Pa., assignor to B-S Manufacturing Products Corporation, Jersey City, N. J., a Corporation of New Jersey. Filed July 13, 1925. Serial No. 43,344. 6 Claims. (Cl. 105—37.)



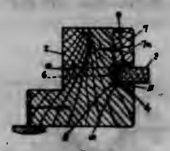
1. An eight impulse four cylinder locomotive comprising front and rear pairs of cylinders, intercoupled driving wheels, and independent connections between the cylinders and the driving wheels disposed upon the intercoupled driving wheels in offset relation at substantially forty-five degrees.

1,577,213. ADVERTISING DEVICE. RAY S. FENNER, Newark, N. J. Filed Apr. 13, 1925. Serial No. 22,807. 4 Claims. (Cl. 40—82.)



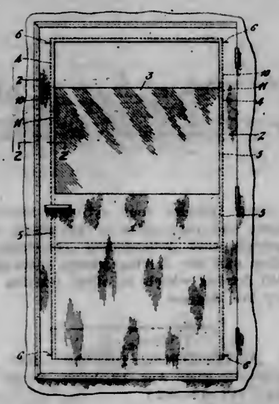
1. An advertising device which comprises a screen having a reflecting surface, a movable perforated film adapted to move over said screen, and means for throwing light on the side of the screen over which the film moves, said light passing through said perforations whereby the perforated matter is exhibited.

1,577,214. WINDOW MOUNTING. WILLIAM C. FISCHER, Cleveland, Ohio, assignor to The Baker-Raulang Company, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 30, 1923. Serial No. 635,439. 7 Claims. (Cl. 296—44.5.)



1. As a new article of manufacture, a resilient, molded rubber, channel shaped guide member for sliding windows, comprising a distortable bottom portion and substantially parallel side portions movable parallelly toward and away from each other, the said member having normally open depressions molded therein between the said bottom and side portions and at the side edges of the said bottom portion, the depressions being adapted to be closed as the side portions are moved parallelly toward each other, and anti-friction material lining the inner surfaces of the said bottom and side portions.

1,577,215. WINDOW MOUNTING. WILLIAM C. FISCHER, Cleveland, Ohio, assignor to The Baker-Raulang Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 30, 1923. Serial No. 677,665. 4 Claims. (Cl. 296—44.5.)



1. A guide channel member for a sliding glass window consisting of a flexible resilient member formed with a bottom portion and upstanding self-supporting longitudinal side portions to provide a channel to receive a sliding glass window and a thin woven fabric covering substantially antifriction to glass and secured to the inner surfaces of the said bottom and side portions with the threads of the said fabric running at an angle to the free edges of the said side portions.

1,577,216. LEAF-SPRING-LUBRICATING STRUCTURE. WILLIAM H. FISHER, Philadelphia, Pa., assignor of one-half to Herman Jonas, Philadelphia, Pa. Filed Feb. 16, 1924. Serial No. 693,349. 2 Claims. (Cl. 267—50.)

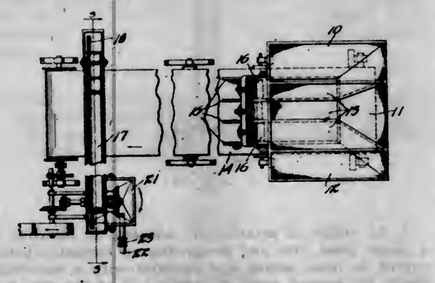
1. A laminated leaf spring comprising a plurality of spring leaves disposed in superposed relation, said spring leaves having longitudinally extending grooves cut in their undersurfaces and being provided with transversely extending ducts establishing communication between the respective grooves, said ducts positioned intermediate the ends of the grooves and lugs struck from said springs upwardly into the grooves and forming dams in said grooves for retaining a limited quantity of lubricant in portions of the grooves.



1,577,217. ART OF EXTRACTING METALLIC VALUES FROM ORES, CONCENTRATES, AND THE LIKE. HERMAN FLECK, Golden, and WILLIAM G. HALDANE, Denver, Colo. Filed Aug. 8, 1922. Serial No. 580,541. 11 Claims. (Cl. 23—19.)

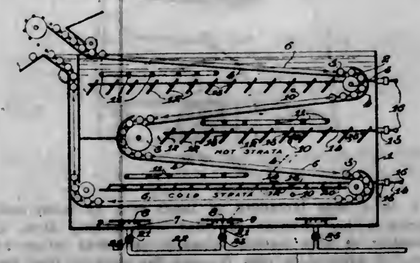
1. The improvement in the art of extracting metallic values from their containing concentrates or slimes, which consists in mixing with the mass to be treated a reagent capable of converting the contained silicon into a volatilizable compound and allowing said compound to evaporate from the mass unaccompanied by any of the sought for values present, substantially as described.

1,577,218. METHOD AND MEANS OF MIXING CONCRETE. MATTHEWS FLETCHER, Indianapolis, Ind. Filed July 14, 1925. Serial No. 43,631. 18 Claims. (Cl. 83—73.)



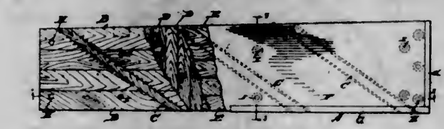
1. A method of mixing concrete which consists in simultaneously and continuously moving sundry ingredients in small parallel streams, disposed laterally with relation to each other, and moving forward portions of the mass transversely of the path of movement of the streams to mix and discharge the same, substantially as set forth.

1,577,219. APPARATUS FOR COOKING AND COOLING IN SEALED RECEPTACLES. NELSON H. FOOKS, Preston, Md. Filed Mar. 11, 1925. Serial No. 14,804. 8 Claims. (Cl. 126—272.)



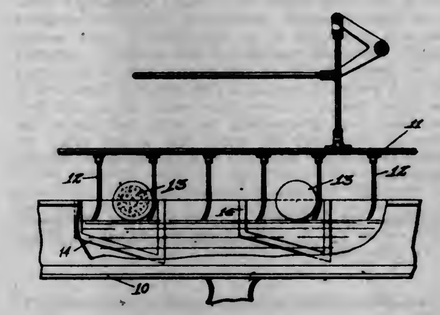
1. Apparatus for cooking and cooling in sealed receptacles comprising a liquid container, means for supplying heat positioned within the container and intermediate the top and bottom liquid levels, and a baffle located below the level of the heat-supplying means adapted to prevent currents in the liquid below said heating means.

1,577,220. RUNNING BOARD FOR MOTOR VEHICLES. ISADOR LEO FRIEDLAENDER, Detroit, Mich. Filed Sept. 14, 1925. Serial No. 56,274. 2 Claims. (Cl. 280—163.)



1. In a device of the character described, a running board, comprising a plurality of longitudinally disposed jointed strips, a plurality of overlying transversely disposed jointed strips glued to said first named strips, a further plurality of overlying longitudinally disposed jointed strips glued to the adjacent strips, and a plurality of diagonally disposed concealed cleats lodged in grooves between the layers of strips, forming in all a single unit running board.

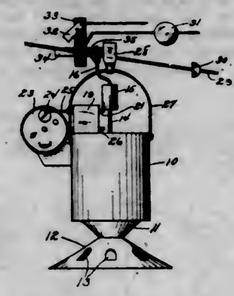
1,577,221. IMMERSING DEVICE FOR WASHING BOWLS. FRANK L. FURBUSH, Westford, Mass., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass., a Corporation of Massachusetts. Filed Sept. 15, 1924. Serial No. 737,727. 4 Claims. (Cl. 141—5.)



1. In a washing bowl, the combination with the bowl and a reciprocating rake therefor, of a float in the bowl located between two sets of teeth of the rake in position to be moved down into the liquor in the bowl by the descent of the rake and to be moved along the bowl by its reciprocation.

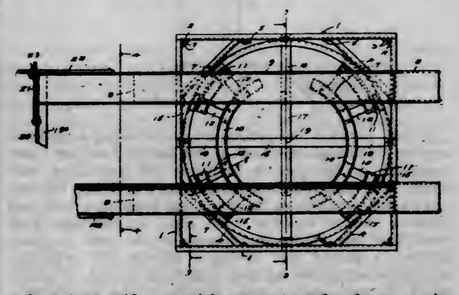
1,577,222. POULTRY FEEDER. FRANK H. GEBBIE and WILLIAM C. HENNINGSEN, Watertown, Wis. Filed June 9, 1924. Serial No. 718,903. 1 Claim. (Cl. 161—10.)

An automatically operable poultry feeder comprising a receptacle having an opening in the bottom thereof, a combined movable bottom and spreader normally closing said opening, a rod rising from the movable bottom through the receptacle, a member carried by said rod, time controlled mechanism including a normally projected trigger arranged to engage said member and support the bottom in its closed position, and adapted to be retracted at a predetermined time to allow the bottom to fall to an open position, and adjustable means



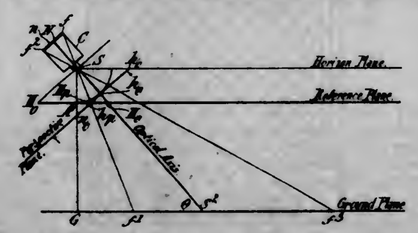
adapted to be arranged in the path of movement of said member to limit the opening movement of said bottom and thus regulate the flow of feed from the receptacle.

1,577,223. MOTOR-TRUCK TURNTABLE. EARL L. GLAZE, Chilesburg, Ky. Filed May 14, 1925. Serial No. 30,328. 2 Claims. (Cl. 104—44.)



1. A turn table comprising a rectangular frame, a circular track comprising semi-circular segments secured together and secured within the rectangular frame, said circular track being of channel construction and having the flanges extending inwardly of the circle, supporting members for the object to be turned comprising flanged rails, arcuate spacing members connecting said rails, and wheels carried by said spacing member and traversing the flanges on the circular track.

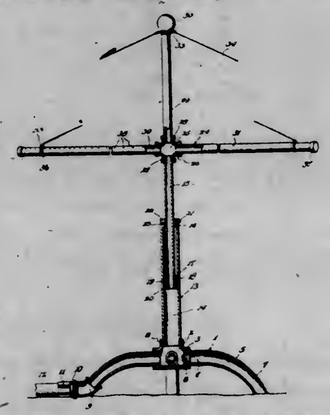
1,577,224. PHOTOGRAPHIC SURVEYING AND APPARATUS FOR USE IN CONNECTION THEREWITH. JOHN WILLIAM GORDON, London, England. Filed Nov. 3, 1922. Serial No. 598,898. 15 Claims. (Cl. 33—1.)



5. The process of land surveying by photography, which comprises forming a combined photographic and cartographic field by rectangular axes and drawing par-

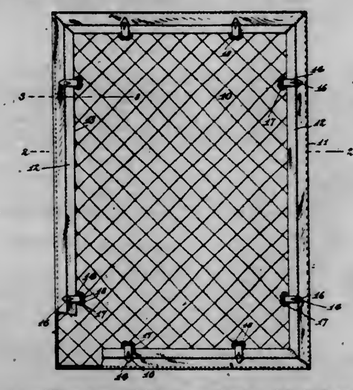
allel to one of the axes a line intersecting the other axis at a distance (sec. δ—tan θ F where θ is the angle of dip and F is the focal length of the camera), placing a photograph in said field with the point of intersection in coincidence with the optical centre of the photograph and the intersecting line in coincidence with the prime parallel through said optical centre, and plotting conjugate points of the photograph so placed, on the cartographic field.

1,577,225. ROTARY SPRINKLER. HARRY Z. GRANGER, Comstock, Nebr. Filed Jan. 21, 1925. Serial No. 3,842. 1 Claim. (Cl. 299—69.)



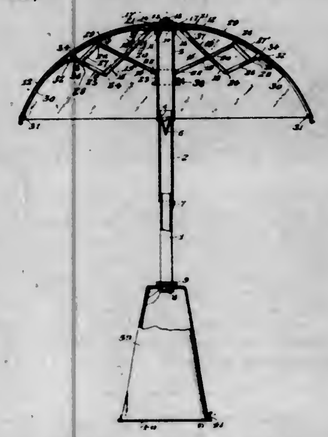
A lawn sprinkler comprising a base including a coupling member having an upstanding and lateral branches, legs connected to the lateral branches and extending outwardly and downwardly, one of the legs being tubular and having a fitting at its lower end forming a foot and coupling means for the hose pipe, an upright pipe coupled to the upstanding branch of the said coupling member, a second pipe having a slidable and rotatable connection with the upright pipe, and having a piston fit at its lower end therein, means on the second pipe to hold it at the required vertical adjusted position, and a sprinkler head carried by the second pipe.

1,577,226. QUILT COVER. REBECCA GREENBERG, New York, N. Y. Filed Jan. 19, 1925. Serial No. 3,410. 3 Claims. (Cl. 5—335.)



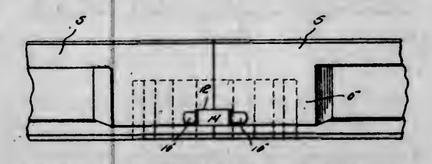
1. A quilt cover, which comprises a fabric bag having one side partially open, a plurality of straps disposed along the edges of the open side, fastening means on the straps whereby they can be held detachably in the form of a loop, and means on the quilt to engage with said loops to hold the quilt and the cover together.

1,577,227. RIB STRUCTURE FOR FOLDING UMBRELLAS. LOUIS GREENWALD, South Heights, Pa. Filed Aug. 27, 1925. Serial No. 52,784. 3 Claims. (Cl. 135—25.)



1. A rib structure for folding umbrellas comprising an actuating collar adapted to be slidably mounted on the umbrella staff, upper lever arms adapted to be pivotally connected at their upper ends to the umbrella staff, lower lever arms pivotally connected at their lower ends to the collar, means for pivotally connecting a lower to an upper lever arm intermediate their ends, spreader ribs each consisting of an upper and a lower section slidably connected together, a link pivotally connected to the lower end of an upper arm and to the upper end of a lower rib section, a link pivotally connected to the upper end of a lower lever arm and to said first mentioned link intermediate its ends, and means for pivotally connecting the upper end of an upper rib section to an upper lever arm in proximity to its pivoted upper end.

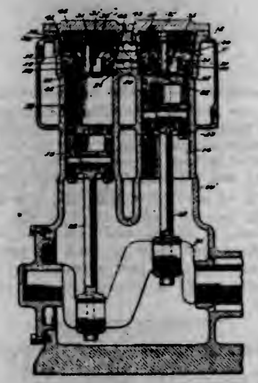
1,577,228. RAIL JOINT. JOHNN GREINER, Baltimore, Md. Filed Dec. 1, 1925. Serial No. 72,462. 1 Claim. (Cl. 238—179.)



In a joint for the meeting ends of rail sections wherein said rail sections are formed at their opposite ends with thickened web portions flush with the tread of the sections, said thickened portions being provided with spaced vertical slots terminating at one end within the thickened portion and at their opposite ends through the rail bases, spacing ribs between the slots, the outermost slots of the sections being provided with cross slots at the base of the rail sections, an interlocking bar provided at its opposite ends with locking plates interconnected through the medium of webs, said plates adapted to engage upwardly within the innermost slots of the rail section, said interlocking member being formed intermediate its ends with an additional locking plate for engagement within the outer slots of the rail

sections and being provided with a cross slot complementary to the cross slots of the outer web slots of said rail sections, and a locking member adapted to be disposed through the slots of the intermediate locking plate of said member and the cross slots of the rail sections, for maintaining the locking member in association with the slots in the rail sections, said last mentioned member being headed at one end and provided at its opposite end with fingers that are adapted to be bent at right angles with respect to the member alongside of the webs of the rails for preventing accidental disengagement of the member from said slot.

1,577,229. COMBINATION VALVE FOR REFRIGERATION AND AIR COMPRESSORS. VADEN J. HADDAWAY, Wilmington, Del. Filed May 13, 1925. Serial No. 30,070. 7 Claims. (Cl. 230—34.)



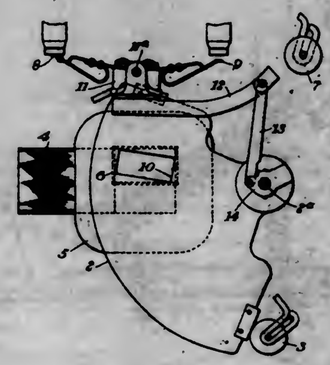
1. The combination of a valve casing having axially spaced shoulders separated by cylindrical walls of progressively increasing diameter, a partition supported by the inner shoulder, a ring on the next shoulder resting on the partition, and a cover bearing on the outermost shoulder, substantially as set forth.

1,577,230. INSULATOR AND FASTENER FOR AERIALS. EUGENE A. HIRSCHY, Brooklyn, N. Y. Filed Feb. 10, 1925. Serial No. 3,256. 4 Claims. (Cl. 173—318.)



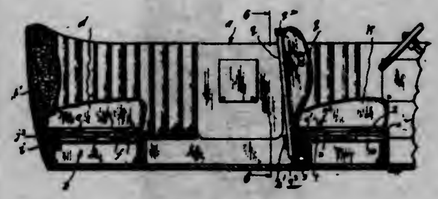
4. A fastener for electric wires, said fastener comprising a body having means to secure it in position, and a hook-like element adapted to hold a wire, said element being returned to present a portion lying adjacent a face of the body, the bend of said hook-like element at the interior being spaced from the adjacent end of the body to accommodate a wire between said adjacent end of the body and said bend at the interior.

1,577,231. ELECTRICAL RELAY. SEBASTIAN C. HOFMANN, Champaign, Ill. Filed Nov. 21, 1924. Serial No. 751,230. 6 Claims. (Cl. 200—91.)



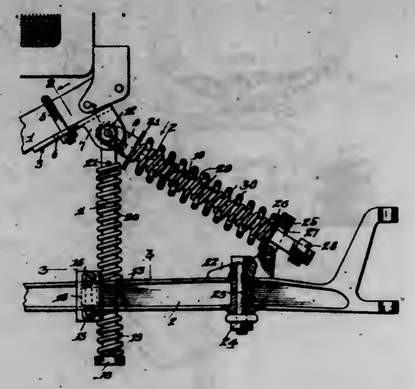
2. A relay comprising a winding which is at times supplied with alternating current, a vane inductively operated by alternating current in said winding, a front contact and a back contact controlled by said vane and closed respectively when said winding is energized and de-energized, the front contact being arranged to open before the back contact closes when the winding becomes de-energized and vice-versa, said vane being provided with a slot to prevent the vane occupying a position wherein both contacts are open when said winding is under-energized.

1,577,232. CONVERTIBLE SEAT FOR AUTOMOBILES. AUGUST HOLLY, Portland, Oreg. Filed June 9, 1924. Serial No. 718,881. 2 Claims. (Cl. 155—7.)



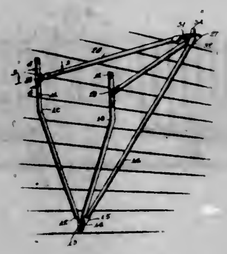
1. In a vehicle of the type described provided with front and rear seats each comprising a main seat piece, and auxiliary pieces hinged to each of said main seat-pieces, said auxiliary pieces being adapted to be folded under said main seat-piece and to be extended and arranged in the same plane as the latter to form a bed, said rear seat extending to and adapted to rest on the frame of the front seat, the back of the front seat being adapted to be dropped back and placed on the floor of the car and in that position providing a support for the middle portion of said bed.

1,577,233. AUTOMOBILE SPRING. LOUIS HOTTO, East Carondelet, Ill. Filed Apr. 1, 1925. Serial No. 19,957. 1 Claim. (Cl. 267—60.)



The combination with a pair of clips and perch, one clip and the perch being adapted to be secured to an axle, the other clip being adapted to be secured to the chassis of an automobile above the first named clip, of eye members made fast by the clips, a pair of arms, a pivot common to both arms and connecting the same to the eye member on the chassis, said arms slidable through the eye member and perch on the axle, coiled springs surrounding the arms between the axle and chassis, and a coiled spring on one of the arms and active counter to the other spring thereon.

1,577,234. SCAFFOLD BRACKET. JOHN HUBENY, Elizabeth, N. J., assignor to Hubeny Bros., a Copartnership composed of Joseph Hubeny, Jeremiah Hubeny, Anthony Hubeny, and John Hubeny, all of Elizabeth, N. J. Filed Oct. 24, 1925. Serial No. 64,663. 1 Claim. (Cl. 304—33.)



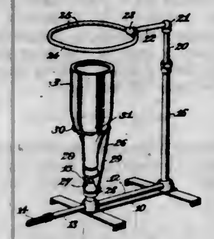
A scaffold bracket including a pair of horizontal tubular arms, castings formed with sockets into which the ends of the arms are screwed, supporting members adapted to be attached to a wall means for pivotally connecting the castings at one end of the arms to the supporting members, means for pivotally connecting the castings at the free ends of the arms together, and means engageable with said connecting castings for supporting the arms in horizontal position.

1,577,235. DEVICE FOR USE IN REMOVING MEASURED QUANTITIES OF THE CONTENTS OF BOTTLES AND LIKE CONTAINERS. WILLIAM HUCKS, Camden Town, London, England, assignor of one-half to Sodastream Limited, London, England. Filed Aug. 19, 1924. Serial No. 733,019. 5 Claims. (Cl. 215—57.)



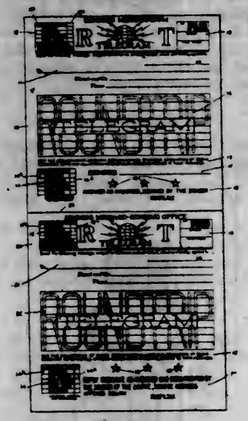
5. An attachment for bottles for removing measured quantities of the contents therefrom comprising a cylindrical casing having an opening in its curved surface, a truncated conical hollow member with its axis at right angles to that of the casing connected to another opening in the casing's side, adapted to fit snugly over the bottle head by means of a rubber lining, and a drum with an opening in its curved surface fitted in the casing and rotatable therein, in combination with a counterweighted lever for turning said drum so that its opening comes successively opposite the two openings in the casing according as the bottle is turned one way or the other upon its axis.

1,577,236. BOTTLE-WASHING DEVICE. GEORGE HUSS, New York, N. Y. Filed May 6, 1924. Serial No. 711,375. 2 Claims. (Cl. 141—7.)



1. In a bottle washing device, a horizontal cleaning fluid conduit pipe having communication with a source of supply, a pair of spaced upstanding communicating pipes connected to said conduit one of said pipes being provided with an internal sprayer head and the other of which is provided with an annular external sprayer head adjustable axially with respect to the internal sprayer head and means on the pipe which supports the internal sprayer head for supporting a bottle in inverted position over the internal sprayer head and in juxtaposition with the external sprayer head, said supporting means being adjustable lengthwise of its supporting pipe whereby to compensate for variations in the size of the bottles to be washed by the device.

1,577,237. RETURN FORMS OF MESSAGES. HARRY B. INK, East Orange, N. J., assignor of one-fourth to Henry J. Lucke, New York, N. Y. Filed May 11, 1925. Serial No. 29,292. 8 Claims. (Cl. 283—61.)



1. A telegraphic blank providing a space for the reply message, having appropriately designated spaces for the entry of data to indicate the nature and number of words of reply message and a symbol indicating that the reply message has been prepaid.

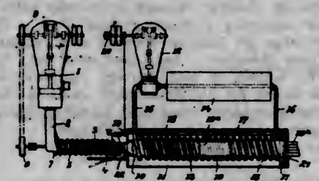
1,577,238. HAT. WILLIAM KATZ, St. Louis, Mo. Filed June 2, 1925. Serial No. 34,395. 1 Claim. (Cl. 2—176.)



In a hat, a crown formed of an upper section, a lower section and an intermediate section consisting of a braid interposed between and secured to said sections and formed of two spaced horizontal bars of vegetable material and a pair of spaced strands of vegetable material, each of said strands at spaced points of its length bent around said bars, the bent portions of each strand at one bar arranged out of alignment with the bent portions of the strand at the other bar whereby the portions of each strand between the bars will extend alternately in opposite directions at an inclination, the inclined portions of one strand crossing the inclined portions of the other strand centrally thereof to provide in connection with the bars spaced uniform openings throughout the braid and each extending from one bar to the other, said intermediate section formed of material of greater strength than the material of the other of the sections for maintaining these latter in spaced relation and for strengthening the crown.

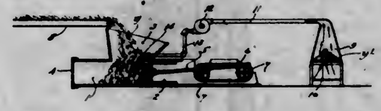
1,577,239. APPARATUS FOR THE CONTINUOUS PRODUCTION OF HARD SOAP IN STRINGS OR PIECES. HERMANN LANDGRAF, Wasungen, Germany. Filed Aug. 8, 1925. Serial No. 47,880. 7 Claims. (Cl. 25—8.)

1. An apparatus for the continuous production of soap comprising, a compression pipe, means for cooling said pipe, and means for impelling the fluent soap mass through said pipe, in combination with a cooling chamber receiving fluent soap therefrom, said chamber being of much greater cross-sectional area than said pipe, whereby the soap mass travels lengthwise of said chamber at a relatively greater slower rate than it does in said pipe, a refrigerant chamber surrounding said cooling chamber, means for circulating the refrigerant in



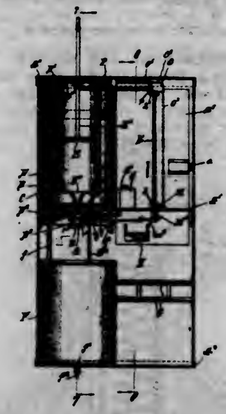
said refrigerant chamber, circulating means for extracting the heat absorbed from the soap mass from the refrigerant, and means for cutting the soap into bars as it emerges from said cooling chamber in a supercooled hard boiled state.

1,577,240. PROCESS OF AND APPARATUS FOR THE TREATMENT OF TOW. JAMES E. LAPPEN, Crookston, Minn. Filed Jan. 29, 1925. Serial No. 5,617. 5 Claims. (Cl. 167—6.)



1. The process of treating fibrous material for the destruction of bug and insect life, which consists in permeating the tow with an insecticidal gas while in loose condition, and in compressing such fibrous material into compact form while still permeated with such gas.

1,577,241. ICE-CREAM AND CONE VENDING MACHINE. DAVIS JACOB AJOUELO and IRA LEONARD CRAWFORD, Atlanta, Ga. Filed Feb. 11, 1922, Serial No. 535,830. Renewed Aug. 11, 1925. 9 Claims. (Cl. 107—1.)

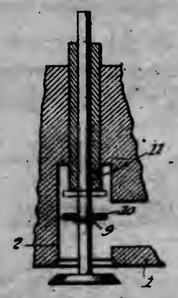


1. Apparatus for vending plastic material comprising a container for the material provided with a delivery chamber located beneath the same and connected thereto, means for simultaneously delivering the material to said delivery chamber and for releasing an individual receptacle for said material, and a hand controlled gate normally closing the bottom of said delivery chamber.

8. Apparatus for vending plastic material comprising a holder adapted to contain a series of superposed re-

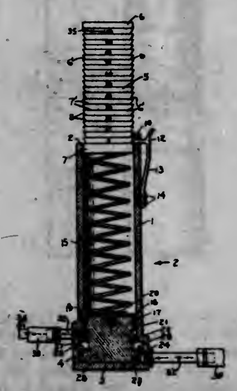
ceptacles, a cylindrical container for the material provided with a delivery chamber located beneath the same and connected thereto, a piston mounted in said container, a sliding knife mounted above said delivery chamber, a cleaning chamber through which said knife passes, means for supplying a cleaning fluid to said chamber, and controlling the passage between said container and said delivery chamber, a hand controlled gate normally closing the bottom of said delivery chamber, and coin controlled means for simultaneously releasing the lower one of said receptacles from said holder, pressing down on said piston, and withdrawing said knife.

1,577,242. SELF-CLEANING VALVE STEM. CHRISTOPHER C. ANDERSEN, Salt Lake City, Utah. Filed June 27, 1922. Serial No. 571,126. 1 Claim. (Cl. 123—188.)



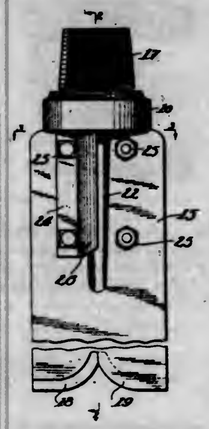
The combination with an engine structure including an exhaust port having a valve seat in its lower end, of a valve movable upwardly against the seat to close the port, an upwardly extending stem projecting from the valve and through the port, a cleaning disk loosely mounted on the stem above the valve and within the port, said disk adapted to slide and rotate freely upon the stem, and means on and movable with the stem between the valve and disk for limiting the movement of the disk in one direction relative to the stem.

1,577,243. AUTOMATIC AIR GAUGE. CHARLES E. BRIDGES, Long Beach, Calif. Filed Mar. 10, 1925. Serial No. 14,460. 2 Claims. (Cl. 137—153.)



1. An automatic air gauge for inflating pneumatic tires, comprising an elongated cylinder having an internal bore, a recess of larger diameter than the bore formed in one end thereof, an air inlet in the base of the recess, an air outlet in the lower end of the cylinder above the recess, a piston having a pair of heads, one of said heads being larger than the other, with the larger head within the recess and the smaller head within the bore of the cylinder, a plunger having a plurality of annular grooves slidably mounted in the bore of the cylinder, an expansion spring between said plunger and piston and a dog formed of spring material having one end secured to the cylinder and the other end adapted to engage the annular groove in said plunger.

1,577,244. ROTARY DRILL BIT. JACOB S. BROWN, Los Angeles, Calif., assignor of one-half to Walter F. Eichenhofer, Los Angeles, Calif. Filed June 7, 1923. Serial No. 643,929. 8 Claims. (Cl. 255—61.)



1. A drill bit having liquid conveying ducts therein increasing in cross sectional area from their upper ends to their lower ends, grooves communicating at their upper ends with the lower ends of the ducts, and shields attached along corresponding sides of the grooves and open at the opposite sides and arranged in overlying relation to the grooves.

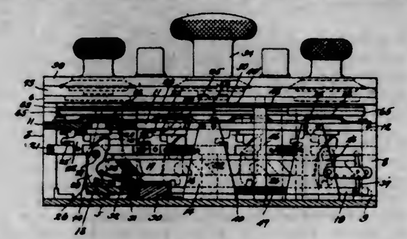
1,577,245. TUNING DEVICE FOR VIOLINS. FRANK A. BUA, Lodi, N. J. Filed Mar. 19, 1924. Serial No. 700,339. 1 Claim. (Cl. 84—304.)



A tuning device of the character described comprising an apertured concavo convex body formed with a relatively short rear wall and a relatively long forward wall, curvilinear lips formed on the upper ends of the walls, split headed bolts arranged in parallelism and passing through the apertures of the body, and nuts of the sleeve type mounted on the screws and having their lower ends normally arranged at a point between the lips of the body.

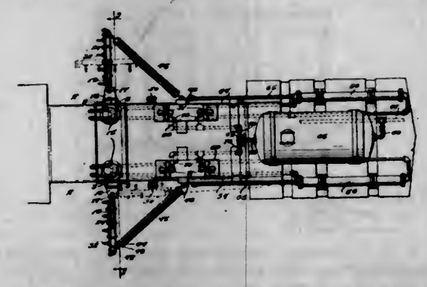
1,577,246. PERMUTATION LOCK. HENRY A. BURKHART, Fitzgerald, Ga. Filed Feb. 14, 1924. Serial No. 692,806. 8 Claims. (Cl. 70—53.)

1. In a lock construction, a frame, a tumbler carriage mounted for sliding movement within the frame, transversely movable dogs mounted within the frame and adapted to move in the paths of travel of the tumblers, a link for operating each dog, disks having heart-shaped



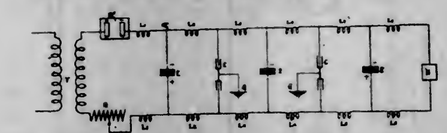
grooves, said links having pins adapted to move in the grooves for transmitting movement of the disks to the links, means for operating the disks, and a sliding bolt operated by the movement of the tumbler carriage.

1,577,247. WEED PULLER AND BALLAST RENOVATOR. ANDREW M. CLOUGH, Batavia, N. Y., and JOHN W. CARNOHAN, Cleveland, Ohio. Filed June 7, 1923. Serial No. 644,029. 8 Claims. (Cl. 262—8.)



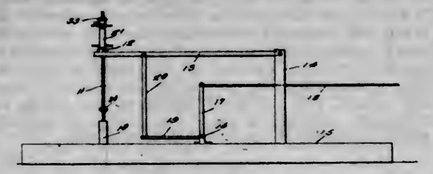
1. Apparatus for the purpose set forth comprising a rake, a support for the rake mounted upon the side of a car, the rake being pivotally mounted on said support at a point removed from the side of the car whereby it may be reversed, and means for securing the rake in angular relation to the side of the car while in either position relative to the support.

1,577,248. METHOD OF AND APPARATUS FOR DERIVING A CONSTANT CURRENT. SAMUEL COHEN, Brooklyn, N. Y. Filed Apr. 18, 1924. Serial No. 707,372. 3 Claims. (Cl. 171—97.)



1. A circuit including a plurality of mains, a load connected to one end of said mains, a source of current connected to the other end of said mains and adapted to deliver a complex current having a load component and a non-load component of higher frequency than said load component, impedance means connected in series with said mains, relatively large capacity means connected in shunt with said mains and between sets of said impedance means, relatively small capacity means connected in shunt with said mains between other sets of said impedance means, and connections leading from a mid-point in each of said relatively small capacity means to ground.

1,577,249. SPACING JACK. FRANK B. COMSTOCK, Knapp Creek, N. Y. Filed Dec. 3, 1923. Serial No. 678,293. 1 Claim. (Cl. 255—18.)



An adjusting jack for use with a rod member, said jack comprising a casing, a sleeve fitted in the upper end of the casing and interiorly threaded, a hollow adjusting screw threaded in said sleeve and of a length substantially equal to that of the casing, and projecting above the sleeve, handle bars projecting laterally from said screw above the casing, handle bars projecting laterally from the casing adjacent the lower end thereof, a cap swivelly mounted on the upper end of said screw and having a central opening to receive said rod member when passed through the screw, and a clamp adapted to engage said rod member and repose upon the cap.

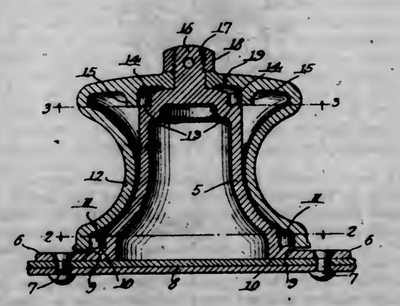
1,577,250. GAME. LEWIS W. CORP, Santa Barbara, Calif. Filed Nov. 24, 1925. Serial No. 71,124. 2 Claims. (Cl. 273—100.)



1. In a game, a catapult device comprising an inclined board, a pair of pegs at the upper end, an elastic stretched over said pegs, a block forming a finger grip, the said board having a plurality of apertures and means on the block to engage different apertures.

2. In a game a projectile comprising a U-shaped strip of material, sheet metal hooks secured to the ends thereof by folding the metal and pressing it into the ends of the strips, said hooks having a return bend forming the hooks to engage a catapult device.

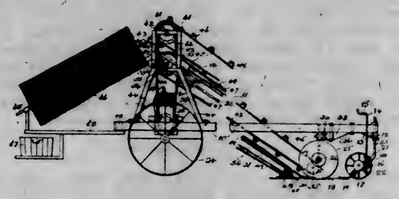
1,577,251. CHOCK. ALBERT A. COYLE and WILLIAM S. MITCHELL, St. Louis, Mo. Filed Apr. 23, 1925. Serial No. 25,452. 1 Claim. (Cl. 254—190.)



In a device of the character described, a body portion having a flange formed at its base, said flange having a cut away portion defining a shoulder, and a substantially flat supporting surface directly above the shoulder, a drum mounted on the body portion and

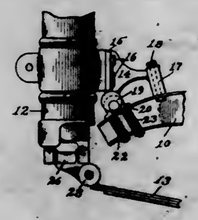
having a depending lower portion adapted to operate adjacent to the shoulder, roller bearings mounted on the supporting surface and engaging the body portion and depending lower portion of the drum, a depending flange formed on the inner surface of the upper portion of the drum, roller bearings mounted on the body portion adjacent to the upper end thereof, said flange adapted to engage the roller bearings at the upper end of the body portion, said body portion having a reduced upper end portion, and said drum having an opening to accommodate the reduced upper end portion of the body portion to secure the drum to the body portion.

1,577,252. HARVESTER FOR ONION SETS OR THE LIKE. JOHN G. ENNIGENBURG, Lansing, Ill. Filed Jan. 30, 1925. Serial No. 5,694. 7 Claims. (Cl. 55—9.)



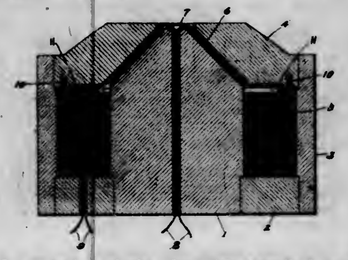
1. A harvester of the class described, the combination of a frame, a ground plate secured to the frame, means for upturning ground and included sprouts upon the ground plate, a movable conveyor for carrying the sprouts rearwardly from the ground plate, means overlying the conveyor and co-operating therewith for disintegrating and separating the soil from the sprouts, and a rotating sifter drum at the discharge end of the conveyor into which the sprouts are discharged, substantially as described.

1,577,253. MOUNTING FOR VEHICLE AIR SPRINGS AND THE LIKE. RAYMOND L. GRUSS, San Francisco, Calif., assignor to Gruss Air Spring Co., San Francisco, Calif. Filed Nov. 6, 1923. Serial No. 673,085. 7 Claims. (Cl. 267—65.)



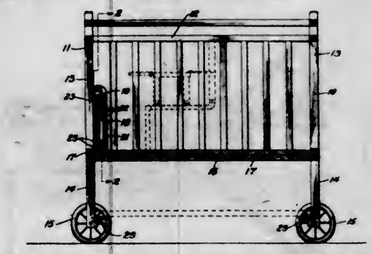
1. In a vehicle suspension wherein a telescopic air spring is interposed between the usual leaf spring and frame at the ends of the latter, a mounting for the telescopic spring, comprising a bracket having a connection with the end of the vehicle frame bar permitting angular movement of the bracket in a vertical plane longitudinally of the vehicle, a vertically disposed face plate on the bracket to which the telescopic spring is connected, an extension on the back of the face plate terminating in a boss to rest upon the top of the frame bar, said boss being of a length to bring the face plate of the bracket into a perpendicular position, fastening means between the boss and the frame bar, and a connection between the leaf spring and the air spring.

1,577,254. SOUND REPRODUCER. HARVEY C. HAYES, Washington, D. C. Filed Jan. 9, 1924. Serial No. 685,290. 4 Claims. (Cl. 179—115.)



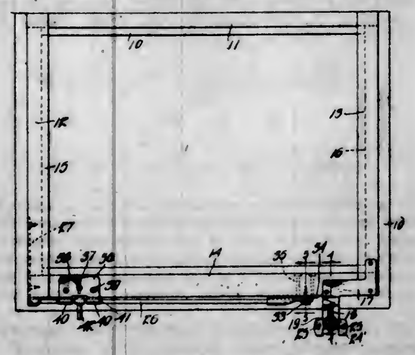
4. In a device of the character described means for creating a conical magnetic gap, a conductive cone diaphragm vibratorily suspended in said gap, and means for inducing uniformly distributed eddy currents in said diaphragm.

1,577,255. COMBINATION CRIB. MARY C. HILL, Hoboken, N. J. Filed Apr. 6, 1925. Serial No. 21,146. 5 Claims. (Cl. 5—93.)



5. In combination with a crib comprising a body and supporting legs therefor, a removable floor, means for supporting said floor within said body, a foldable chair mounted on said floor, and members carried by said legs for supporting said floor upon its removal from said body when said chair is in a folded condition.

1,577,256. CONNECTER FOR TWO-PART AUTOMOBILE DOORS. MATTHEW R. HULL, Connersville, Ind., assignor to Rex Manufacturing Company, Connersville, Ind., a Corporation of Indiana. Filed Feb. 3, 1925. Serial No. 6,634. 12 Claims. (Cl. 296—45.)

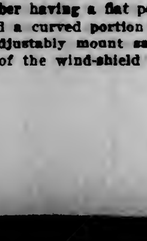


3. A connecter for two-part vehicle doors having a lower permanent section and an upper demountable section comprising a resilient rod non-circular in cross section, and means adjacent to opposite sides of the demountable upper section along the lower end of the same for connecting the ends of the rod to said upper section in relatively twisted relation to each other, substantially as set forth.

7. A connecter for two-part vehicle doors having a lower permanent section and an upper demountable section comprising an anchor plate having a pair of spaced sockets, a screw journaled in said sockets, and a laterally adjustable bearing pin having threads engaging those of the screw, substantially as set forth.

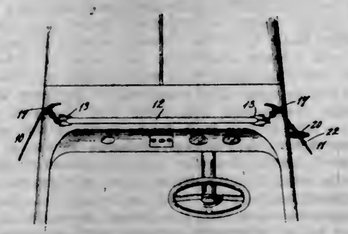
12. A connecter for two-part vehicle doors having a lower permanent section and an upper demountable section comprising a normally twisted resilient rod non-circular in cross section, and means at spaced points along the lower end of the upper door section for connecting the ends of the rod to said upper section in strained relation, said means being slidably connected to said rod, substantially as set forth.

1,577,257. AWNING FOR VEHICLES. ARTHUR HUTCHISON, Neosho, Mo. Filed Oct. 12, 1923. Serial No. 668,179. 1 Claim. (Cl. 296—95.)



In a device of the class described, a spring roller, an awning to be wound on the roller, a U-shaped frame engaging the lower edge of the awning, means for pivoting the frame to swing angularly with reference to a door frame, said means including portions offset from the ends of the frame, and brackets through which the offset ends pass in the same direction but in reverse relation with reference to the inner and outer sides of the brackets, one of the brackets carrying a segmental notched element engaging the adjacent portion of the frame, a spring holding the frame against the notched element, and a pressure device for releasing the frame from the notched element, against the expansive action of the spring, said spring normally holding both side members of the frame in engagement with the brackets.

1,577,258. AUTOMOBILE WIND DEFLECTOR. BERN JASSEN, New York, N. Y. Filed Mar. 27, 1922. Serial No. 547,025. 3 Claims. (Cl. 296—84.)



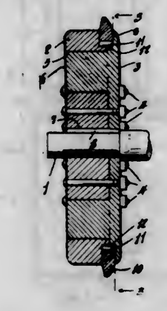
1. An automobile side wind deflector comprising a transparent member having a flat portion terminating at its rear edge and a curved portion at its forward edge, and means to adjustably mount said transparent member at one side of the wind-shield with the curved portion in advance of the wind-shield, the transparent member being adjustable to one position to dispose the curved portion to overlap in front of the wind-shield with the flat portion extending angularly outward and to be disposed in another position with the curved portion spaced laterally from the wind-shield to catch air and with the flat portion extending angularly inwardly to direct the air into the vehicle.

1,577,259. COTTER KEY. JESSE C. JOHNSON, Delray, Fla. Filed Sept. 14, 1925. Serial No. 56,342. 1 Claim. (Cl. 74—8.)



A cotter pin formed from a single length of material and bent upon itself to provide a short limb and a relatively long limb, said long limb being straight for a portion of its length equal to the length of the short limb, and then bent in the direction of the short limb to position the remaining portion of the long limb in advance of and in substantially the same plane with the short limb.

1,577,260. CAR WHEEL. JAMES M. JONES, Hamilton, Ohio. Filed June 27, 1925. Serial No. 39,981. 3 Claims. (Cl. 295—9.)

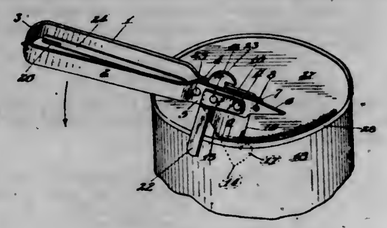


2. A composite car wheel formed of mating sections, one of said sections having projections extending laterally from one of its faces, the other section having openings therein to snugly receive said projections, the abutting faces of said sections having recesses therein forming a circumferential groove in the tread of the wheel, and an annulus mounted in said groove and rotatable relatively to the wheel tread, said annulus projecting beyond the periphery of the wheel and forming a flange therefor.

1,577,261. CAN OPENER. FREDRICK E. JOHNSON, Los Angeles, Calif. Filed June 27, 1924. Serial No. 722,688. 3 Claims. (Cl. 30—3.)

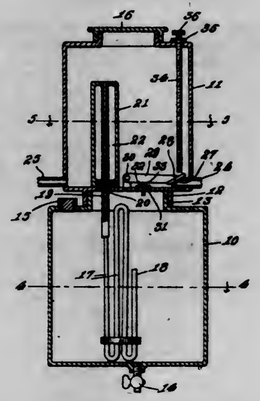
1. A can opener comprising a handle, a cutter extending downwardly from the forward end of the handle and having a main cutting edge extending from the handle downwardly and diagonally toward the forward end of the can opener toward the handle and a secondary cutting edge extending from the lower end of the main cutting edge and forming a point, a fulcrum member extending upwardly from the secondary cutting edge and offset to engage the inner side of a can rim, and a guide

bar extending from the handle outside of the cutter and in front of the main cutting edge to engage the outer side of a can rim, so that when the point has been in-



serted through a can top inside of the can rim the fulcrum will engage the can rim and the cutter will work on a down stroke of the handle to cut the can top.

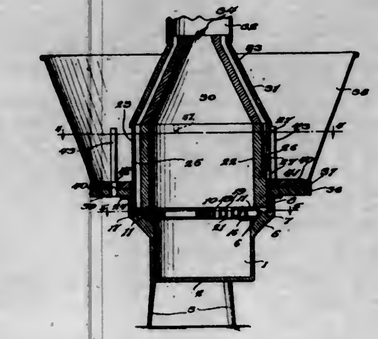
1,577,262. LOCOMOTIVE-FLANGE OILER. LESLIE R. KIEHL, Raton, N. Mex. Filed Aug. 2, 1924. Serial No. 729,776. 4 Claims. (Cl. 184—3.)



1. A device of the character described comprising a pair of casings arranged one above the other, the lower casing serving as an oil reservoir, a condensation coil arranged vertically within the lower casing and having one end terminating therein and its other end leading into the upper casing to convey steam from the upper casing to the lower casing to displace oil therefrom, a pipe leading from the upper casing and terminating in branches leading to the locomotive wheels to be oiled, a control valve between the casings for the passage of the displaced oils, a steam pipe leading into the upper casing, and means operated by flow of steam through said pipe to regulate said valve.

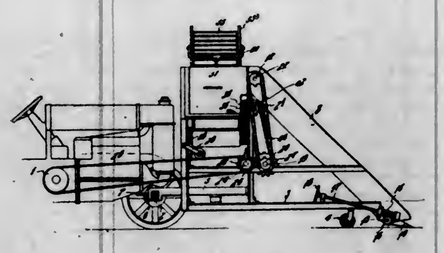
1,577,263. SAND DRIER. EDWARD C. KIRK, St. Albans, W. Va. Filed July 28, 1925. Serial No. 46,642. 6 Claims. (Cl. 34—34.)

6. A sand drier comprising a base constituting an ash pit having communication with the atmosphere, a fire-box resting upon the said base, a hollow grate at the lower end of the fire-box, a hopper supported on the fire-box and surrounding the same, the wall of the fire-box having air passages therethrough, some of said air passages communicating with the hollow grate and others of said passages communicating with the interior of the



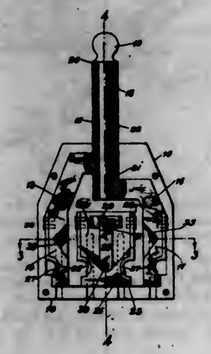
hopper, and means for regulating the flow of air through the fire-box, the flow through the said air passages in the wall of the fire-box being unobstructed at all times.

1,577,264. SNOW-REMOVAL APPARATUS. JOSEPH KLAMT, Howell, Nebr. Filed Apr. 14, 1924. Serial No. 706,493. 3 Claims. (Cl. 37—45.)



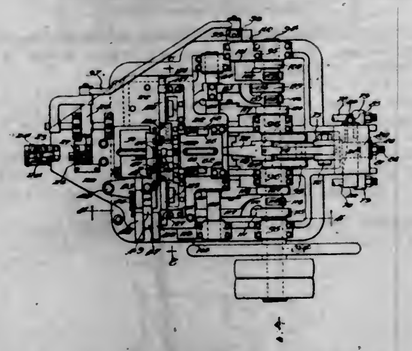
1. An apparatus for removing snow adapted to be used in front of and connected with and moved by a tractor, the said apparatus comprising a main frame the forward portion of which is wheel supported, an inclined elevator frame carried by the main frame, an endless conveyor arranged in said elevator frame, a shoe carried by the elevator frame at the lower end thereof, a transverse trough carried by the main frame and arranged to receive snow from the forwsrd stretch of said conveyor and having removable end gates, a transverse endless conveyor arranged in said trough, a lateral discharge trough removably supported at its inner end on the main frame and detachable and shiftable bodily from one side of said main frame to the other, an endless conveyor in said lateral discharge trough, a transverse shaft journaled in the main frame and adapted to be rotated from a motor driven wheel of a tractor, driving connections between said shaft and the elevating and transverse conveyors, the driving connection complementary to the transverse conveyor being reversible, and a driving connection including a sprocket belt intermediate of the transverse conveyor and the conveyor in the lateral discharge trough, the sprocket belt of the latter driving connection being shiftable from one side of the apparatus to the other.

1,577,265. PLUG. JERRY S. KOBCAK, New York, N. Y. Filed Nov. 3, 1924. Serial No. 747,601. 3 Claims. (Cl. 200—51.)



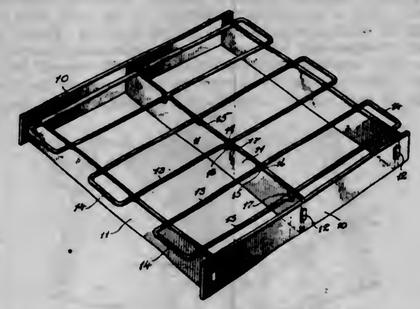
1. A plug for use in connection with radio receiving apparatus comprising an insulated casing, a pair of conductor members arranged in spaced relation with said housing, a socket formed in each of said members, a block of conducting material disposed between said members and spaced therefrom, a pair of sockets in said block, and means for selectively bridging the space between said block and said members, said means including a swingingly mounted T-shape arm.

1,577,266. NAIL-FORMING MACHINE. CARL A. PORATH and GEORGE N. WILLIAMS, Kokomo, Ind., assignors of one-half to Kokomo Steel and Wire Company, Kokomo, Ind., a Corporation of Indiana. Filed July 11, 1922. Serial No. 574,146. 6 Claims. (Cl. 10—49.)



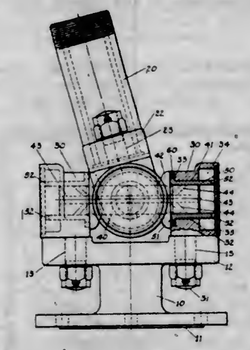
2. In a nail forming machine, the combination of means for feeding forward a length of nail stock, grippers for engaging said nail stock, a rotatively mounted reciprocating header provided with a dished surface and with a flattening surface, means for initially rotating the header to bring the dished surface to the wire line to form a preliminary head and for thereafter rotating the header to present a flattening surface to the wire line to spread the preliminary formed head laterally, and means for reciprocating the header, substantially as described.

1,577,267. GRATING. JOHN D. SPAULDING and OLIVER D. COLLIS, Clinton, Iowa, assignors to The Collis Company, Clinton, Iowa, a Corporation of Iowa. Filed Jan. 30, 1925. Serial No. 5,700. 8 Claims. (Cl. 211—14.)



1. In a grating, the combination of a plurality of cross bars, each provided in its supporting edge with a plurality of recesses, and a plurality of cross rods bridging the space between the bars, said cross rods being arranged in units of two rods bent to closed formation and having their ends overlapped within one of the recesses, substantially as described.

1,577,268. UNIVERSAL JOINT. GORDON LUCIUS TABOR, North Plainfield, N. J. Filed Dec. 10, 1924. Serial No. 755,021. 10 Claims. (Cl. 64—102.)

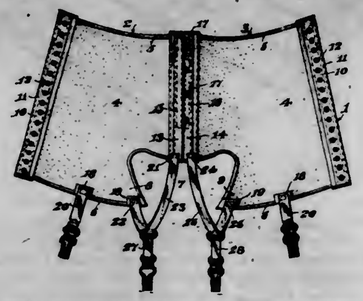


1. A universal joint comprising a driving and driven member journaled at right angles to each other to a trunnion block, circular lubricant reservoirs located beyond the end of the journal pins, annular reservoirs surrounding each circular reservoir and connected thereto, said trunnion block provided with communicating passage connecting the reservoirs with each other.

1,577,269. BODY GARMENT OF THE CORSET OR GIRDLE TYPE. RALPH S. THOMPSON, New York, N. Y. Filed Aug. 2, 1924. Serial No. 729,764. 3 Claims. (Cl. 2—38.)

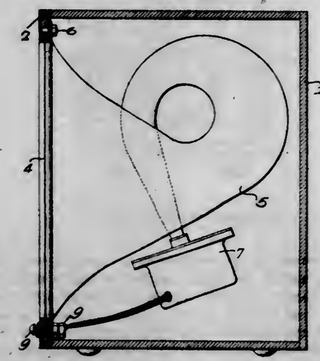
3. A body garment comprising an elastic body portion of band-like form to completely surround the body of the wearer and having the lower part of its front centrally thereof, formed with a cutout portion opening centrally of the bottom edge of said front, the top edge of said cutout portion extending a substantial distance from and on each side of the vertical median of said front and positioned a substantial distance above the bottom edge

of said body portion, the side edges of said cutout portions extending towards each other at an inclination and each terminating at one side of said vertical median to provide in connection with said bottom edge a pair of oppositely disposed tapering portions extending towards each other, a reinforcement secured to the outer face of each of said tapered portions at the free end thereof, a pair of oppositely disposed, curved, depending strap-like coupling members having their upper ends spaced from each other and fixedly secured to said front at the top edge of said cutout portions, said members having their



lower ends fixedly secured to said reinforcements, and lengthwise adjustable means slidably mounted on and automatically shiftable lengthwise of each of said coupling members for synchronously exerting in connection with said tapered portions direct downward pulls and diagonal pulls in opposite directions on the garment with respect to the body of the wearer when the garment is worn, the upper end of each of said coupling members positioned at one side of and spaced from said vertical median.

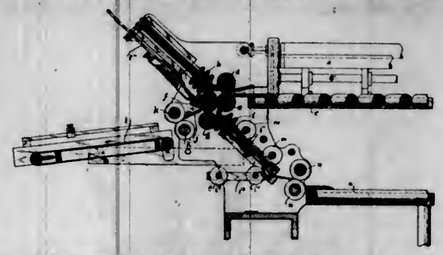
1,577,270. TELEPHONE RECEIVER. JOHN S. TIMMONS, Philadelphia, Pa. Filed Feb. 25, 1922. Serial No. 539,069. 2 Claims. (Cl. 181—27.)



1. A sound amplifying device comprising a horn of graduated diameter coiled intermediate its ends in the direction of its length, the small end of the horn intersecting and extending through the larger portion of the horn and lying in the plane defined by the convolution of the coil.

1,577,271. PAPER-FOLDING MACHINE. WALTER G. TRAUTMAN, Cleveland Heights, Ohio, assignor to The Cleveland Folding Machine Co., Cleveland, Ohio, a Corporation of Ohio. Filed May 15, 1924. Serial No. 713,495. 8 Claims. (Cl. 270—68.)

1. In mechanism of the class described, the combination with folding and buckling rolls of a folding plate open from end to end and operatively associated therewith, a stop device adapted to be actuated into positions



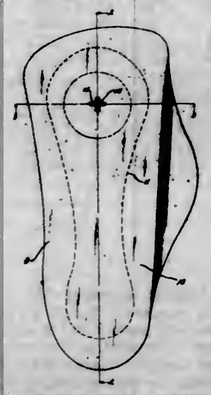
for deflecting the signatures through the folding rolls, and signature-receiving means disposed adjacent to both ends of said folding plate, substantially as set forth.

1,577,272. WRIST PENCIL AND HOLDER THEREFOR. LINTON E. TREADAWAY, Daytona Beach, Fla., assignor of one-half to John J. Reedy, Daytona, Fla. Filed Sept. 2, 1925. Serial No. 54,085. 6 Claims. (Cl. 242—98.)



1. An article holder including a tubular article receiver, a flexible article holding connection extending through the receiver, a spring drum within the holder around which one end of the flexible connection is wound, a lever for engagement with said drum to prevent rotation of the latter under tension of its spring, said lever being mounted in the holder and shiftable into and out of operative position in engagement with the drum, said lever having means engageable by an article upon insertion of the latter within the receiver to shift the lever into operative position and said lever also having means engageable by the flexible connection when the article is out of the receiver for shifting the lever into inoperative position.

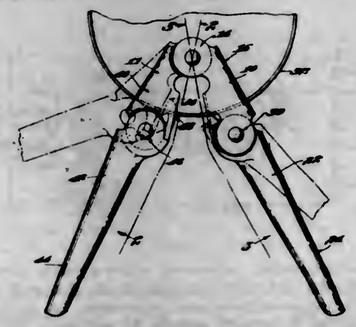
1,577,273. ARCH SUPPORT. CARL H. TRIESCHMANN, Milwaukee, Wis. Filed July 21, 1924. Serial No. 727,221. 1 Claim. (Cl. 36—71.)



An adjustable arch support, comprising a leather insole member formed with a bottom layer and a top layer secured together by a line of stitching spaced from the edges of said portions to provide a pocket between the layers and to permit the insole edges to be trimmed, and

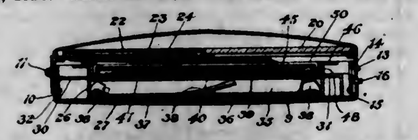
a yielding, non-removable pad member within said pocket, one of said insole layers having a cross-shaped opening therein engaging said pad member and permitting the insertion of a tool for the purpose of adjusting said pad member within the pocket.

1,577,274. CAN OPENER. JAY C. TRUESDELL, Jamaica, N. Y., assignor to George O. Gridley, Springfield, Mass. Filed Mar. 16, 1923. Serial No. 625,496. 2 Claims. (Cl. 30—3.)



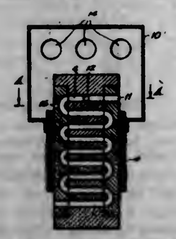
1. An apparatus of the class described comprising two jointed levers pivoted together adjacent their inner ends, cooperating gripping members carried by one of the levers and adapted to engage a container at the junction of the top and side wall, and a cutting blade carried by the cooperating lever and adapted to pierce the side wall of the container below the top upon movement of the two parts of the lever into alinement and to sever the side wall upon relative bodily movement of the levers about the pivotal connection.

1,577,275. LOOSE-POWDER CONTAINER. WILLIAM J. TUCKER, Norton, Mass., assignor to Saart Brothers Company, a Corporation of Rhode Island. Filed Nov. 9, 1925. Serial No. 67,827. 6 Claims. (Cl. 132—83.)



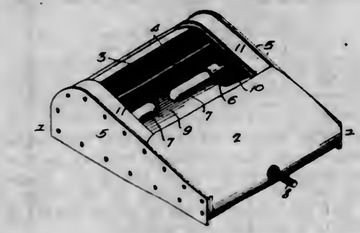
5. In an article of the character described, a box provided with a pocket, a cover on the box, a resilient member in the pocket, a disk loose in the pocket provided with perforations and resting upon the resilient member, elevations upon the disk, a closed frame seated in the pocket adjacent the disk below the cover, and a pad in the frame resting on the disk and closing the openings.

1,577,276. ELECTRICAL HEATER. WALTER WHITTEN, Schenectady, N. Y. Filed Nov. 15, 1923. Serial No. 674,944. 2 Claims. (Cl. 219—47.)



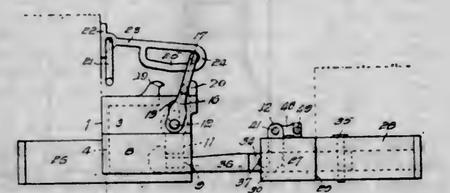
1. An electrical heater which comprises a central, substantially solid core having vertically extending passages therethrough, a cylindrical shell surrounding said core, said shell having vertical passages extending therethrough, upper and lower perforated plates connecting the core with the shell, and an alternating current winding surrounding said core.

1,577,277. THERAPEUTIC DEVICE. GERTHA E. WOLFE, Philadelphia, Pa. Filed Apr. 17, 1925. Serial No. 23,807. 1 Claim. (Cl. 174—177.)



The combination in a device for baking or heating the under portion of the knee of a patient, of a frame higher at one end than at the opposite end and having an inclined cushion section extending from one side to the other; a recess at the higher end of the frame adjoining the cushion section; cushion sections at each side of the recess; a curved reflector in the recess; electric lamp sockets secured to the side walls of the recess; and a cross-bar extending over the recess from one side to the other side, the ends of the frame being curved.

1,577,278. COUPLER. JOSEPH WESOLIK, Belleville, Ill., assignor of one-fourth to Ewall Leutscher, Belleville, Ill., and one-fourth to Ludwig Kribben, Clinton, Mass. Filed Aug. 27, 1923. Serial No. 659,471. 2 Claims. (Cl. 213—176.)

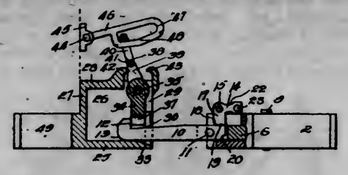


1. In a mine car coupler structure, a draw bar, a hollow coupler head integral with the forward end of said draw bar, pull shoulders formed at the front open end of the coupled head, a swingable and vertically movable coupling member positioned within and at the forward end of the coupler head and engageable with said shoulders when in its normal position, a yoke member pivotally connected to said coupling member, a pair of spaced lugs directed upwardly and inwardly from the top of the coupler head to prevent accidental vertical displacement of the coupling member by engaging the yoke member and an arcuately movable looped member engaging said yoked member for lifting the coupling member from coupled engagement with the coupling member of a companion coupler.

1,577,279. COUPLER. JOSEPH WESOLIK, Belleville, Ill., assignor of one-fourth to Ewall Luetscher, Belleville, Ill., and one-fourth to Ludwig Kribben, Clinton, Mass. Original application filed Aug. 27, 1923, Serial No. 659,471. Divided and this application filed Jan. 26, 1925. Serial No. 4,752. 3 Claims. (Cl. 213—176.)

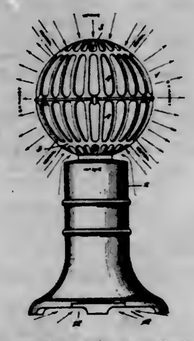
1. In a coupler construction, a coupler head, a draw bar integral therewith having a bifurcated forward end, said head and draw bar having a longitudinal passage therein, a slidable member having a slotted opening therein mounted in said passage, a pin carried by the

draw bar and passing through the slotted opening of the slidable member, a connecting bar pivotally connected to the bifurcated end of the slidable member, a jaw at the forward end of the connecting member, an angular trigger member pivotally supported by the coupler head with one arm thereof directed downwardly to en-



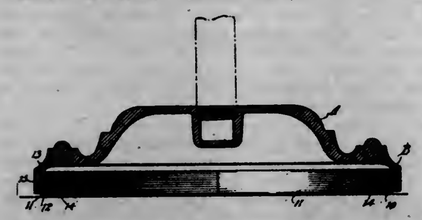
gage the upper face of the rear end of said connecting bar to hold the bar in a horizontal coupling position and a handle connected to the other arm of the trigger for actuating the first mentioned arm of the trigger from contact with the connecting bar to permit the bar to fall by gravity to a perpendicular position.

1,577,280. VENTILATING FAN. SOCRATES A. XIPPAS, Pittsburgh, Pa. Filed Nov. 9, 1925. Serial No. 67,797. 13 Claims. (Cl. 230—1,)



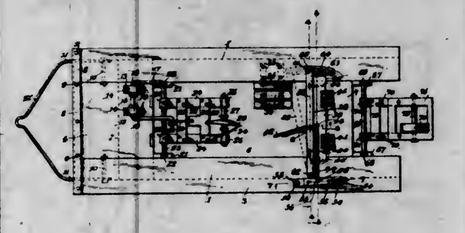
1. In a device of the class described, a rotary blast device, an enclosing casing therefor, said casing having a medial zone and two polar zones of openings therein, and means on said blast device whereby the air is drawn into said casing through the openings in the polar zones said means serving to discharge the air through the openings in the medial zone.

1,577,281. SURFACE PROTECTOR. SIMON MATZNER, New York, N. Y. Filed May 18, 1925. Serial No. 31,134. 2 Claims. (Cl. 45—137.)



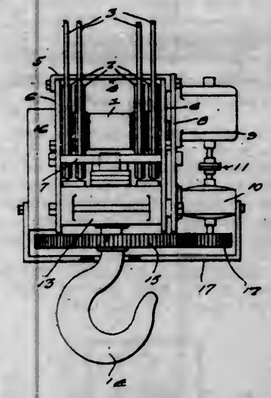
1. The combination with a supporting base having a depending marginal rim, of a surface protecting device for preventing the scratching or marring of the surface upon which the base rests, comprising a resilient strip of material, a tubular yieldable covering thereover, radially adjustable elements extending through the strip and covering and pointed terminals at the outer end of said elements adapted to bite into the inner periphery of the rim for maintaining the strip in place with the thickness of the covering projecting beyond the lower edge of the rim.

1,577,282. AGRICULTURAL IMPLEMENT. WILLIAM H. MCCARTNEY, Salem, Oreg. Filed June 6, 1924. Serial No. 718,298. 1 Claim. (Cl. 111—69.)



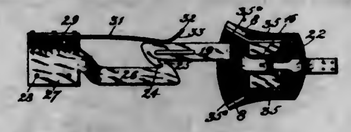
In an agricultural implement, a row covering device of the character set forth, comprising an elongated beam mounted transversely of said implement, an oscillatory shaft carried in vertical position by said beam and having its lower end bent to extend forwardly and further having its upper end bent to provide a laterally extending arm having its terminal portions turned upwardly, a covering blade secured to said bent lower end, a retaining element about said upturned terminal portion allowing limited movement of the same to revolve said shaft, and means overlying said element for engaging the portion extending therethrough to hold the same in any one of a plurality of positions.

1,577,283. SWIVEL HOOK. AMBRICUS MITCHELL, Beaver Falls, Pa. Filed Apr. 27, 1925. Serial No. 26,157. 1 Claim. (Cl. 294—82.)



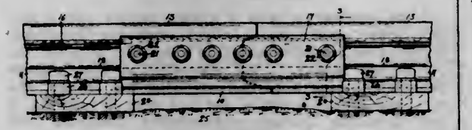
In a structure of the class described, a supporting frame, a motor carried by said frame, a speed governor carried by said frame, said speed governor being coupled with the shaft of said motor, said speed governor including a shaft, a pinion carried by said shaft, a cross head carried by said frame, a hook swivelly mounted upon said cross head, a gear carried by the shank of said hook, said pinion meshing with said gear, and a counter-balancing weight carried by said frame and located on a side opposite to that upon which the motor is disposed.

1,577,284. CAR COUPLER. CHARLIE B. MOORE, Altoona, Pa. Filed Feb. 26, 1925. Serial No. 11,777. 4 Claims. (Cl. 213—105.)



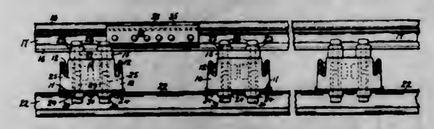
1. In a device of the character described, the combination with one of the coupling members, of a wear-plate adapted to be secured to the floor of a car; a U-shaped coupler support horizontally rotatable on said plate; a horizontal journal for connecting said support with one of the coupler members; and opposing springs for pressing the U-shaped member to yieldingly hold the same in a fixed position.

1,577,285. RAILWAY-RAIL CONSTRUCTION. GEORGE W. MULLER, Washington, D. C. Filed July 9, 1925. Serial No. 42,540. 9 Claims. (Cl. 238—144.)



1. A railway rail, including a tie flange and an upstanding web, the said web comprising a thicker head portion and a thicker lower portion adjoining the said rail flange and an intermediate thinner portion extending between the said thicker portions whereby shoulders are formed on both sides of the rail web at the junction of the said thinner intermediate portion and the said thicker lower portion of the web, a supplementary rail constructed for arrangement on either side of the web and having a groove adapted to engage the said head of the web, said rail having also a bead fashioned and disposed to engage either of the said shoulders on whichever side of the web the said rail may be placed, and securing means for fastening the said rail and web together.

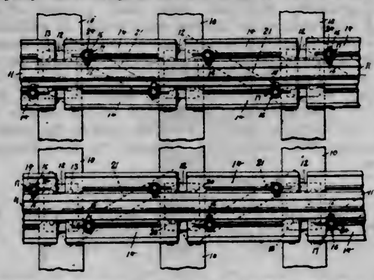
1,577,286. RAILWAY-BED STRUCTURE. GEORGE W. MULLER, Washington, D. C. Filed July 9, 1925. Serial No. 42,541. 8 Claims. (Cl. 238—26.)



7. A railway tie of plastic material, sleeve devices embedded in the tie with securing means, load bearing rails above the tie, supporting rails beneath the tie, and clamping means coacting with the sleeve securing means and operating to bind the load bearing rails and the supporting rails relative to the tie.

1,577,287. RAIL AND TIE HOLDING MEANS. GEORGE W. MULLER, Washington, D. C. Filed Oct. 27, 1925. Serial No. 65,147. 14 Claims. (Cl. 238—214.)

1. Rail clamping plates located on opposite sides of the rail and extending from one tie to another and provided with means whereby the ties are individually engaged and the clamping plates held thereon against displacement, a brace member bearing beneath the ties engaged by the said clamping plates and arranged obliquely with respect to the rail, and means located



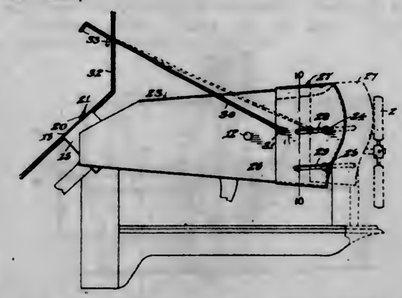
at the sides of the ties and engaging the said brace member and clamping plates whereby the rail, the clamping plates and the said brace member are secured to the tie.

1,577,288. COMPOUND RAIL. GEORGE W. MULLER, Washington, D. C. Filed Nov. 21, 1925. Serial No. 70,521. 7 Claims. (Cl. 238—144.)



1. A railway rail, formed of a plurality of separable body members, one of the said members having a flange or base adapted to rest upon a railroad tie, the said member having a web portion provided with an inclined side, a load-carrying member having a head or ball forming the tread of the rail, the said load-carrying member having a wedge-shaped web arranged in contact with the said inclined side of the member first mentioned, clamping plate members arranged end to end and co-extensive with the length of the rails and constructed and arranged to bear against the other side of the web of the load-carrying member, and means for securing all the said members together.

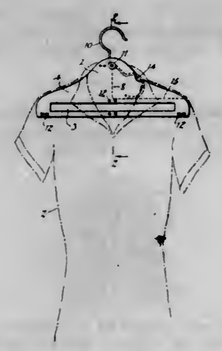
1,577,289. HEATER ATTACHMENT FOR MOTOR VEHICLES. HARLAN B. MUNGER, Balko, Okla. Filed Apr. 27, 1925. Serial No. 26,198. 4 Claims. (Cl. 257—241.)



1. A heating attachment for motor vehicles comprising a combined air collecting, confining and directing element adapted to be arranged in overlapping position with respect to the exhaust manifold of the vehicle and including an outer portion, an inner portion and an

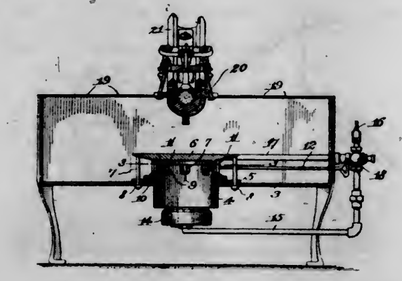
upper portion spacing the inner and outer portions from each other, said outer portion of a length greater than the length of the engine block and projecting forwardly and rearwardly therefrom, said inner portion of less length than said outer portion and further of materially less height than the latter, an air controlling element slidably mounted on, overlapping and conforming in contour to the shape of the forward end portion of said directing element and capable of being extended to a point in close proximity to the fan of the vehicle and the said elements having coacting means for slidably connecting the controlling element to the directing element.

1,577,290. CLOTHES HANGER. LOUIS I. NASH, New York, N. Y. Filed Jan. 30, 1925, Serial No. 5,864. Renewed Jan. 7, 1926. 4 Claims. (Cl. 223—62.)



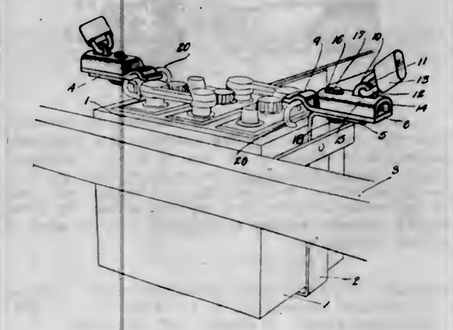
1. A garment hanger, comprising a body formed with the upper part shaped to conform to the shoulders of a dress, said body being formed at the lower part with a slot adapted to receive clothes to be supported, said body being formed with a pair of side plates and a central filling plate having a notch, and a foldable hook pivotally mounted on said body adapted to be folded into the notch in said filler plate.

1,577,291. DRY-HEAT CURING CABINET. EMIL NESTLER, New York, N. Y., assignor to Nestler Rubber Fusing Co., Inc., New York, N. Y., a Corporation of New York. Filed Dec. 4, 1924. Serial No. 753,978. 2 Claims. (Cl. 18—18.)



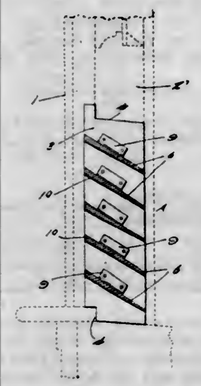
1. A dry heat curing cabinet, comprising a casing having an opening in its bottom, a heat receiving tube fitting in the opening and projecting above and below the bottom of the casing, and means in the casing controlling the escape of heat from the tube into the casing.

1,577,292. STORAGE-BATTERY THEFTPROOF LOCKING DEVICE. CLAUDE P. OBREITER, Oklahoma City, Okla. Filed Jan. 15, 1925. Serial No. 2,576. 3 Claims. (Cl. 70—122.)



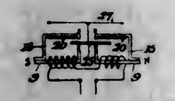
1. In combination with a storage battery and a battery holder, comprising a battery supporting strap having an angular projection at its upper end adjacent the top of the battery, a bar supported on said angular projection having a portion overlying the battery, the bar being provided with a slot and with a hasp lug, a bolt extending through said angular projection and through the bar slot, a nut on said bolt binding the bar to the projection, a housing enclosing the nut and having a slot for the hasp lug, and means co-operative with the lug to retain the housing on the bar.

1,577,293. VENTILATOR. JOHN O'BRIEN, New Waterford, Cape Breton, Nova Scotia, Canada. Filed Feb. 18, 1924. Serial No. 693,695. 1 Claim. (Cl. 98—31.)



A ventilating device comprising a pair of upright pieces having their ends formed to fit the bottom of a sash and a sill of a window, the inner faces of the uprights having inclined grooves therein, shutters having their ends engaging the grooves, each shutter being composed of two wedge-shaped parts with their inner ends overlapping each other and bent strips on one part of each shutter forming guideways for the other part and clip for fastening the outer ends of the shutters to the uprights.

1,577,294. TELEPHONE RECEIVER. ALBERT PIHL, Murray, Utah, assignor to George F. Borkman, Salt Lake City, Utah. Filed Aug. 2, 1922, Serial No. 579,300. Renewed Feb. 9, 1926. 8 Claims. (Cl. 179—119.)



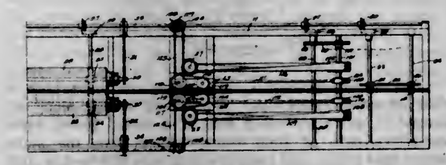
1. A telephone receiver comprising a ring member, a U-shaped permanent magnet carried by said member, two coils having cores attached to the ends of the permanent magnet, pole pieces also attached at one end to the permanent magnet and overlying and partially surrounding the coils, an armature lying between the ends of the coils and also between the inner ends of the pole pieces and the inner ends of the cores, a pivoted support for one end of the armature, a diaphragm carried by the ring member, and means connecting the diaphragm to the other end of the armature.

1,577,295. TELEPHONE RECEIVER. ALBERT PIHL, Murray, Utah, assignor to George F. Borkman, Salt Lake City, Utah. Filed Dec. 27, 1922, Serial No. 609,191. Renewed Feb. 9, 1926. 8 Claims. (Cl. 179—119.)



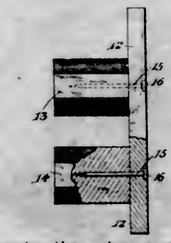
1. A telephone receiver comprising a ring member, a U-shaped permanent magnet carried by said member, pole pieces attached to the ends of the magnet and extending toward each other in substantially parallel planes, a coil retained in position between the free ends of the pole pieces and having its axis at substantially right angles to said planes, an armature pivotally carried by one of said pole pieces, a diaphragm carried by the ring member, and means connecting the armature to the diaphragm.

1,577,296. TEASEL-CLEANING MACHINE. MAX POETZSCH, Ridgewood, N. J. Filed June 22, 1923. Serial No. 647,106. 2 Claims. (Cl. 15—21.)



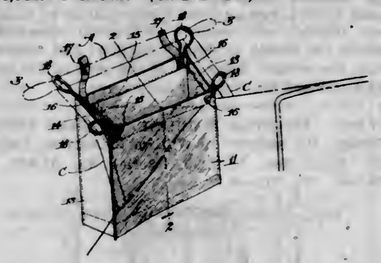
1. A teasel cleaning machine, comprising a guideway for guiding a teasel carrying frame, means for forcing said frame along said guideway, a series of belt brushes arranged adjacent said guideway, means for moving the belt brushes to set on the teasels carried by said frame, said means causing the operating faces of the belt brushes to travel in a direction opposite to the travel of the teasels, and a set of rotating brushes acting on the teasels carried by said frame for cleaning the same as they move along said guideway.

1,577,297. WALL CONSTRUCTION. CLARENCE RENFRO, Lexington, Ky. Filed June 17, 1925. Serial No. 37,728. 6 Claims. (Cl. 72—101.)



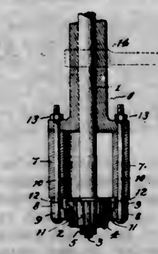
2. In wall construction a base anchoring element positioned in the manner as set forth and comprising a rectangular plate having fixedly secured to one face thereof a pair of right angularly disposed polygonal shaped spaced plugs.

1,577,298. ARTICLE CARRIER. MARY AUGUSTA ROELLER, Astoria, N. Y. Filed Dec. 4, 1924. Serial No. 753,944. 3 Claims. (Cl. 224—29.)



1. As a new article of manufacture, an article carrier consisting of a flexible boxlike structure having an open upper end defining a mouth for the introduction to or removal of the articles therefrom, and elements at the upper end thereof for detachably supporting and suspending said carrier from the handle bar structure of a body carriage, said elements engaging respectively the horizontal cross member and sloping side members of the handle bar structure whereby to gravitationally maintain the mouth of the carrier in an open position when applied to facilitate the introduction to and removal of the articles therefrom.

1,577,299. PINION-GEAR HOLDER. GEORGE C. ROHDE, Davenport, Iowa. Filed Jan. 19, 1921. Serial No. 438,376. 3 Claims. (Cl. 29—84.)



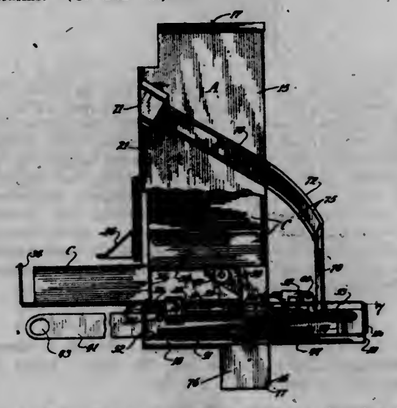
1. A device for holding a shaft, having a gear thereon against rotation in a support, said device being adapted to be connected to the support and having means intermeshable with the teeth of the gear for holding said gear and shaft against rotation relative to the support.

1,577,300. ELECTRIC TIME SWITCH. EDWARD SCHANKE, Santa Rosa, Calif. Filed May 4, 1925. Serial No. 27,830. 9 Claims. (Cl. 200—36.)



1. In a time switch, the combination with the dial and hour hand of a clock mechanism, of an annular contact mounted upon the dial and connected to one side of an electric circuit; a spring contact mounted upon the hour hand and adapted to maintain connection with the annular contact; a second annular contact insulated from the first and adapted to maintain connection with the other side of the electric circuit; and a contact finger mounted upon the second annular contact and adapted to be engaged by the spring contact to close the circuit through said contacts and moved therewith to maintain the circuit in closed condition; and means for moving the contact finger out of the path of the spring contact to break the circuit.

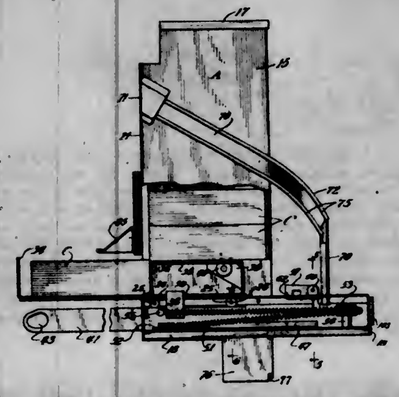
1,577,301. VENDING MACHINE. EDWARD SCHULTZ, Chicago, Ill., assignor to William N. Jenkins, Chicago, Ill. Filed Nov. 7, 1925. Serial No. 67,477. 22 Claims. (Cl. 211—8.)



1. A dispensing apparatus, comprising a housing having a removable door, a flange secured within said housing and extending from side to side thereof parallel to said door, a removable dispensing unit, insertable through the doorway, and having a notched support engaging with said flange to position said unit parallel with said door, and detachable means for securing said unit to said housing.

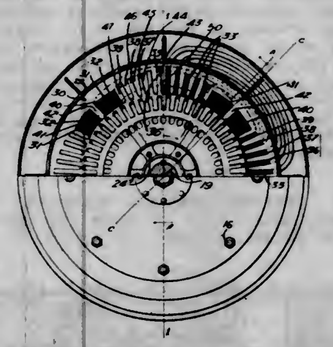
14. In a dispensing apparatus having a base and a movable article delivery means, a reciprocable operating device mounted on said base and projecting from said apparatus, a coiled spring connected at one end with the enclosed portion of said device and at its other end with the forward portion of said base, and a pulley mounted on the rear portion of said base and disposed intermediately of the spring ends around which the spring is required to travel, whereby its effective length is increased and uniform tension may be exerted on said operating device during operation.

1,577,302. VENDING MACHINE. EDWARD SCHULTZ, Chicago, Ill., assignor to William N. Jenkins, Chicago, Ill. Filed Jan. 2, 1926. Serial No. 78,736. 7 Claims. (Cl. 194—58.)



1. A dispensing apparatus having a reciprocable ejector, a shelf on which the ejector is slidably mounted, means on the shelf cooperating with means on the ejector for locking the ejector in retracted position, operating means for said ejector slidably mounted below the shelf, coin-receiving means carried by said operating means, and means for positioning a coin in said coin-receiving means for releasing the ejector locking means when the operating means is manipulated.

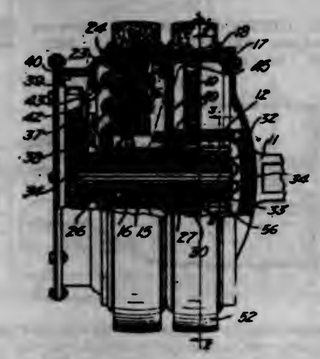
1,577,303. DYNAMO-ELECTRIC MACHINE. JACOB SCHURCH, Los Angeles, Calif., assignor of one-half to William H. Heise, Los Angeles, Calif., and one-half to Benjamin C. Tunison, Pittsburgh, Pa. Filed Oct. 16, 1922. Serial No. 594,794. 5 Claims. (Cl. 171—252.)



1. In a direct-current dynamo-electric machine, a field structure comprising: a punching having slots arranged in pairs on either side of a radial plane, each successive pair of slots being deeper than the slots nearer said plane; and compensating coils arranged in and filling said slots.

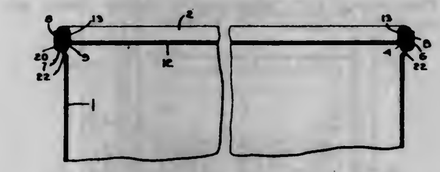
1,577,304. MOTOR WHEEL FOR VEHICLES. JACOB SCHURCH, Los Angeles, Calif., assignor of one-half to William H. Heise, Los Angeles, Calif., and one-half to Benjamin C. Tunison, Pittsburgh, Pa. Filed Oct. 16, 1922. Serial No. 594,795. 8 Claims. (Cl. 172—287.)

1. In a motor wheel, the combination of: a hollow bearing element; a primary member rotatable about said bearing element and comprising a plurality of shells each serving as a felloe; a secondary member rotatable about said bearing element and comprising a quill extending therein; magnetic repulsion means associated with said members for rotating said members in opposite



directions when said means are energized; and gear means between said members for transmitting the torque of one of said members to the other of said members.

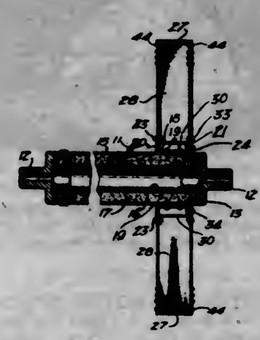
1,577,305. CONTAINER. HARRY SEBELL, Boston, Mass. Filed Dec. 18, 1923. Serial No. 681,340. 2 Claims. (Cl. 220—61.)



1. A container having an open top and a peripheral flange on its exterior at the top which is parallel to the walls of the container but spaced therefrom, a top for closing the container, said top having a depressed central portion and an upstanding wall which fits within the opening of the container, said top having a depending flange extending from said upstanding wall and fitting closely against the peripheral flange, and a removable sealing strip U-shaped in cross section extending around the container with one wing thereof between the peripheral flange and the body of the container and the other wing surrounding the flange of the top, the flanges and sealing strip being firmly pressed against the exterior wall of the container and the upstanding wall of the top being firmly pressed against the interior face of said container.

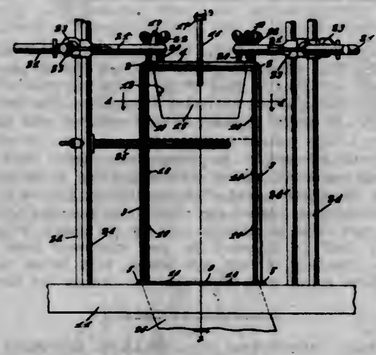
1,577,306. CALF-WHEEL CONSTRUCTION. THOMAS W. SELBEE, Huntington Park, Calif., assignor, by mesne assignments, to Emsco Derrick & Equipment Company, Los Angeles, Calif., a Corporation of California. Filed Nov. 24, 1923. Serial No. 676,865. 2 Claims. (Cl. 64—17.)

1. In a wheel of the character described, the combination of; a hub member; an annular structure on said hub member providing at one end of said annular structure a cylindrical shelf and a radially extending stop, and at the other end a second outwardly disposed cylindrical shelf, a wheel structure defining an opening of a size to fit over said second cylindrical shelf, one side of said wheel structure resting against the outer part of said first cylindrical shelf and radially extending stop; and



an inwardly radially directed flange on the opposite side of said wheel structure arranged to rest against and be bolted to the side of said second cylindrical shelf.

1,577,307. VENTILATING HOOD. HERMAN W. SHEBL, Decorah, Iowa. Filed May 19, 1925. Serial No. 31,355. 2 Claims. (Cl. 98—55.)

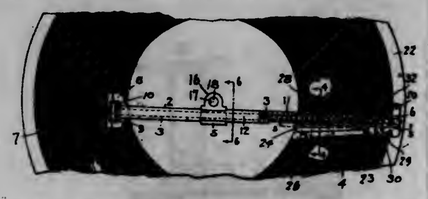


1. A fume hood of the character set forth, comprising a body having top and side walls and open front and rear, a central partition in said body, dividing the same into two portions, a pair of partitions spaced from and one on each side of said central partition to provide fume chambers at the rear of each section, each of said last mentioned partitions having an aperture through the upper part thereof, means for adjustably closing said apertures, and a fume lead-off from the lower portion of the fume chambers.

1,577,308. REPEATING DEVICE FOR PHONOGRAPHS. ANTON SOLMAN and STANLEY SCHROEPFER, Pittsburgh, Pa., assignors of two hundred and sixty-three three-hundred-and-fiftieths to said Solman and eighty-seven three-hundred-and-fiftieths to said Schroepfer. Filed Oct. 23, 1923. Serial No. 670,323. 6 Claims. (Cl. 274—15.)

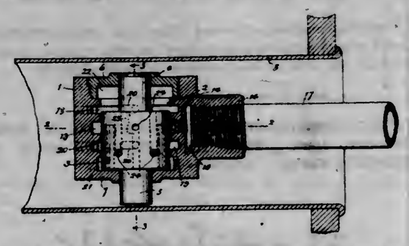
1. A repeating device for phonographs comprising a screw shaft, means for rotating said shaft, means for guiding a phonograph needle adjacent to said screw shaft

while said needle is in reproducing contact with a record, means for then causing said needle to engage said screw shaft, thereby causing said screw shaft to return said



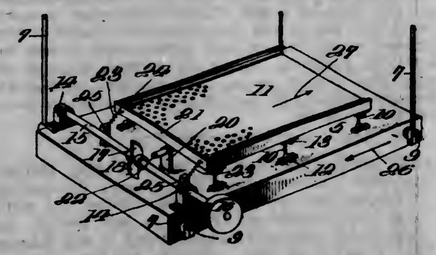
needle to its starting position, a pivot member for mounting the device upon the central pin of a phonograph turntable, and means for adjusting the said pivot member lengthwise with respect to said screw shaft.

1,577,309. BOILER-TUBE-SCALING DEVICE. STEPHEN SORENSEN, New York, N. Y. Filed Nov. 19, 1924. Serial No. 750,893. 1 Claim. (Cl. 15—104.7.)



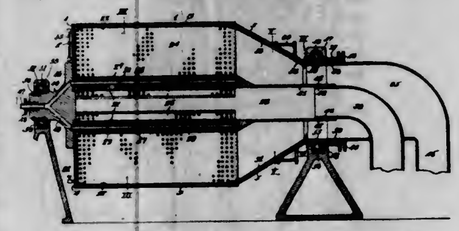
A body having a cylinder therein, said cylinder having a central fluid admission groove and fluid exhaust grooves, passages on opposite sides of the admission groove, said cylinder having steam chambers at opposite ends thereof, a reciprocal piston disposed in said cylinder, said piston having axially spaced radially disposed rows of admission ports adapted to be respectively aligned with the admission groove in either extreme position of the piston within the cylinder, and with the exhaust grooves at intermediate positions of the piston and passages leading from said ports to opposite ends of the piston, whereby motive fluid is delivered to and exhausted from the steam chambers through the piston, said piston in its movement acting as a slide valve to control the flow of fluid.

1,577,310. MOUNTING FOR SHAKER SCREENS OR THE LIKE. HENRY MOORE SUTTON, WALTER LIVINGSTON STEELE, and EDWIN GOODWIN STEELE, Dallas, Tex. Filed Dec. 8, 1923. Serial No. 678,345. 8 Claims. (Cl. 209—365.)



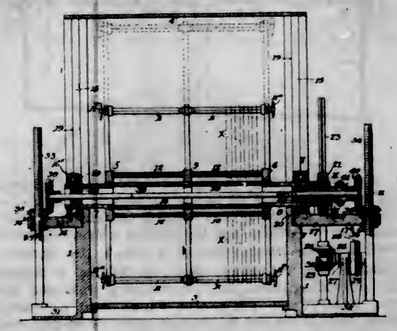
1. A mechanism of the character described comprising a base mounted to reciprocate, and a screen much lighter than the base mounted thereon to reciprocate in the same direction as the base, reciprocating mechanism mounted on said base and connected to the screen for reciprocating it in the same direction as the base, whereby the reciprocating movement of the screen is absorbed in the base.

1,577,311. DYEING APPARATUS. HOWARD M. DUDLEY, Philadelphia, Pa. Filed May 18, 1922. Serial No. 560,539. 20 Claims. (Cl. 8—19.)



1. In apparatus for dyeing or otherwise treating fibrous material, the combination of a cylindrical shell forming a liquid-containing drum, a series of foraminous partitions or walls radially disposed and dividing the interior of said drum into a series of longitudinal chambers, means for rotating the drum, and means for introducing dye liquor into one end of the chambers formed by said foraminous partition elements for free circulation through the chambers of said drum.

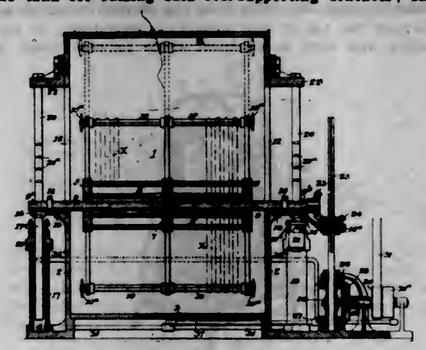
1,577,312. APPARATUS FOR DYEING, SCOURING, OR OTHERWISE TREATING YARN OR OTHER FIBERS IN THE HANK OR SKEIN. HOWARD M. DUDLEY, Philadelphia, Pa. Filed Aug. 7, 1922. Serial No. 580,301. 22 Claims. (Cl. 8—19.)



2. In a fiber-treating apparatus, the combination of a tank having slotted side walls, a reel rotatably mounted in said tank, supporting members for said reel slidably mounted in said slotted side walls, gearing for rotating the reel in opposite directions; said gearing for rotating the reel being in operative relation at all times so that said reel may be rotated when disposed in any position vertically of the tank, independent gearing for raising and lowering the reel, and means for driving said gearing from a single source of power.

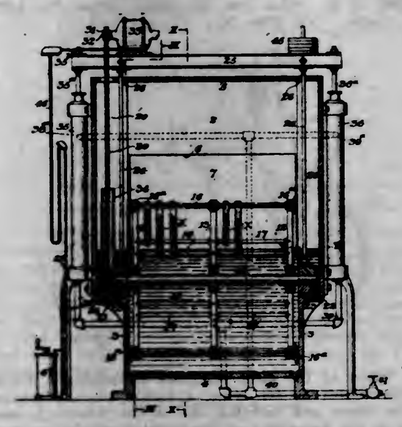
1,577,313. APPARATUS FOR DYEING, SCOURING, OR OTHERWISE TREATING YARN OR OTHER FIBERS IN THE HANK OR SKEIN. HOWARD M. DUDLEY, Philadelphia, Pa. Filed Aug. 7, 1922. Serial No. 580,302. 15 Claims. (Cl. 8—18.)

1. In apparatus for dyeing or treating yarn or other fibers, the combination of a tank, brackets arranged for vertical movement at the sides of said tank, a reel journaled in said brackets, means for driving said reel and separate fluid-pressure actuated means at each side of the tank for raising said reel-supporting brackets; said



means for driving the reel being in operative relation at all times so that said reel may be rotated when disposed in any position vertically of the tank.

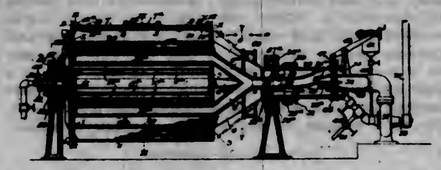
1,577,314. APPARATUS FOR DYEING, SCOURING, OR OTHERWISE TREATING YARN OR OTHER FIBERS IN THE HANK OR SKEIN. HOWARD M. DUDLEY, Philadelphia, Pa. Filed Aug. 7, 1922. Serial No. 580,303. 14 Claims. (Cl. 8—18.)



3. The combination, in apparatus for treating or dyeing yarn and other fibers in the hank or skein, of a closed tank, a reel rotatably mounted in said tank, a shaft carrying said reel and disposed wholly within the tank, enclosed bearings in which the ends of said shaft are rotatably mounted arranged for vertical movement with respect to the sides of said tank, and vertically movable hoisting means disposed above the tank and connected to said bearings for effecting vertical movement of the reel within the tank.

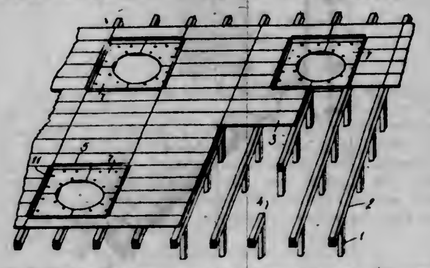
1,577,315. APPARATUS FOR DYEING OR OTHERWISE TREATING FIBROUS MATERIAL. HOWARD M. DUDLEY, Philadelphia, Pa. Filed Oct. 17, 1922. Serial No. 595,174. 20 Claims. (Cl. 8—19.)

1. In apparatus for dyeing or otherwise treating fibrous material, the combination of a rotatable shell forming a liquid containing drum, a series of foraminous compartments projecting into said drum and extending longitudinally thereof out of contact with each other; the inner space of the drum chamber being otherwise clear and



permitting free movement of the goods under treatment, and means for circulating treating liquid continuously through said compartments and drum chamber.

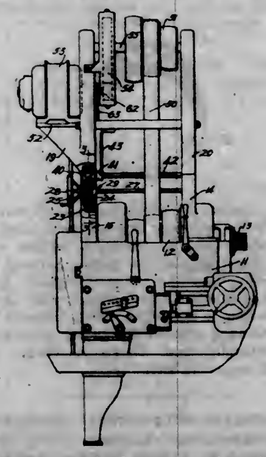
1,577,316. FORM FOR CONCRETE FLOORS. THORALF JAHNSEN, Jersey City, N. J. Filed Sept. 29, 1922. Serial No. 591,214. 11 Claims. (Cl. 25—131.5.)



4. A form for concrete floors comprising the combination of reenforced metallic panels, shoring supporting said panels, forms for floor-supporting slabs or abacuses depending from and supported directly by the floor panels.

8. A floor mold comprising a principal plate made of metal, ribs of cushioning material and angle bars fitted to said ribs and secured to one side of the principal plate and to said ribs for holding the latter in place.

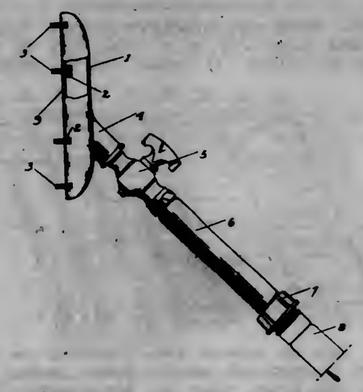
1,577,317. BELT TIGHTENER WITH RAPID BELT TENSION RELEASE. WILHELM JARDH, Los Angeles, Calif., assignor to Axelson Machine Company, a Corporation of California. Filed May 2, 1923. Serial No. 636,085. 3 Claims. (Cl. 64—5.)



1. In a machine tool, the combination of a stationary head; a driven shaft turning in bearings fixed in said head; a driven pulley on said driven shaft; a jack shaft

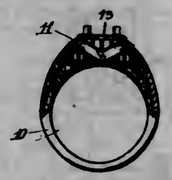
above and parallel to said driven shaft; a driving pulley on said jack shaft; a belt passing over said driving pulley and said driven pulley; a superstructure having fixed bearings in which said jack shaft turns; means for driving the jack shaft; means for supporting said superstructure on said head so that said superstructure can be moved vertically with relation to said head in a single operation; blocks upon which said superstructure is supported; and means for adjusting said blocks vertically with relation to said head in a single operation.

1,577,318. AUTOMOBILE WASHER AND DRIER. ELEFA B. JOHNSON, Sacramento, Calif. Filed Jan. 28, 1925. Serial No. 5,331. 2 Claims. (Cl. 15—127.)



1. A washing and drying device comprising a hollow body member having spaced parallel transverse grooves in one face thereof, and resilient strips mounted in the grooves and projecting outwardly from the body, said body being perforated between the grooves.

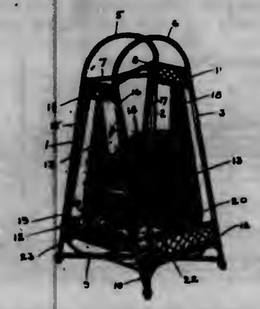
1,577,319. METHOD OF MANUFACTURING ARTICLES OF JEWELRY. ISAAC E. KALISHER, New York, N. Y., assignor to Kalisher Mfg. Co., New York, N. Y., a Firm composed of Samuel Wein, Louis Leopold, and Isaac E. Kalisher. Filed Sept. 9, 1924. Serial No. 736,709. 1 Claim. (Cl. 29—160.6.)



The herein described method of manufacturing rings, which consists in removing from a completed ring consisting of a shank and a setting, a portion of the material in the lateral wall of the setting between the finger encircling opening and the outer periphery of the ring to form a space substantially parallel with the plane of the ring extending a relatively short distance about the ring, and securing a desired design or ornamentation in said space, whereby said design is visible when the ring is viewed from the side.

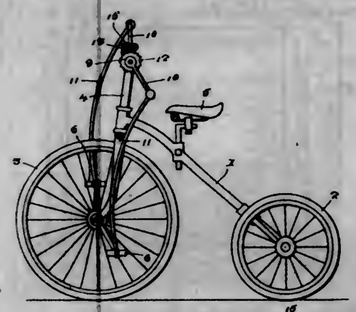
1,577,320. SPRING-SUPPORTED ROCKING-CHAIR. STEPHEN KORZENIEWSKI, Rochester, N. Y. Filed Nov. 10, 1924. Serial No. 748,799. 1 Claim. (Cl. 155—50.)

In a spring supported rocking chair, the combination of a frame comprising four uprights, arches connecting the two front uprights and the rear uprights, diagonal cross members connecting the rear with the front uprights near the top and bottom thereof, two pair of suspension springs supported from the diagonal cross members near the top of said uprights independently of one another and with considerable space between them, a



yoke connecting the lower ends of the front pair of said suspension springs and a yoke connecting the rear pair of said suspension springs said yokes forming two narrow spring supported cradles, a pair of rails supported in said cradles, a platform or footrest provided at the front of said rails and a chair supported centrally of said supporting rails.

1,577,321. TRICYCLE. FREDERICK W. KURTH, New York, N. Y. Filed Jan. 28, 1925. Serial No. 5,308. 1 Claim. (Cl. 208—30.)

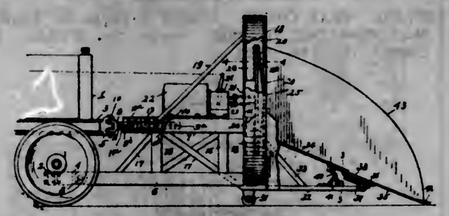


A device of the class described comprising a frame, wheels carried by the same, a forked steering member in the frame and carrying one of the wheels, a cross piece at the upper end of the steering member, a shaft extending through the cross piece with a hand crank mounted upon each end thereof, pedals, connected with the wheel carried by the steering member, a curved rod connecting each pedal with each hand crank, a ratchet wheel rotatable with one of the hand cranks, a hand operated dog pivotally supported on the cross piece and engaging with said ratchet wheel.

1,577,322. SNOWPLOW. WILLARD B. LAING, Bedford, Ohio. Filed Oct. 22, 1924. Serial No. 745,073. 9 Claims. (Cl. 37—43.)

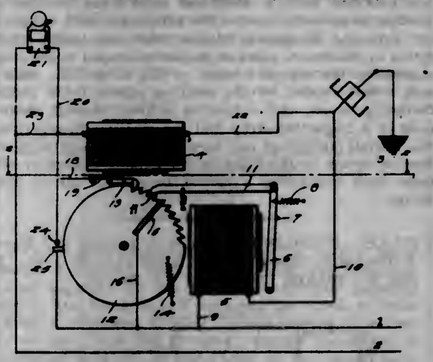
4. In a device of the character described, the combination with a motor vehicle, of a rigid frame yieldingly attached to the front end of the vehicle and extending forwardly therefrom, a scraper yieldingly attached to the forward end of the frame, and a rotary thrower adapted to receive snow from the scraper.

8. A snow plow comprising a frame having snow conveying means thereon, a forwardly and downwardly inclined scraper carried by the frame for delivering snow to said conveying means, means connecting the scraper to the frame permitting bodily movement of the scraper in a rearward direction and vertical swinging movement



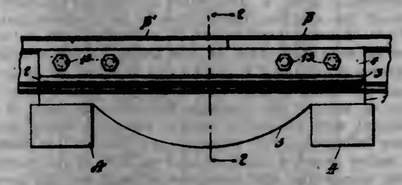
thereof, means including a spring for normally holding the scraper in working position, and means acting to swing the forward end of the scraper upwardly when the scraper is moved rearwardly in opposition to said spring.

1,577,323. PARTY-LINE TELEPHONE SYSTEM. CHESTER W. LEA, Fairbury, Nebr. Filed Oct. 28, 1924. Serial No. 746,394. 3 Claims. (Cl. 179—85.)



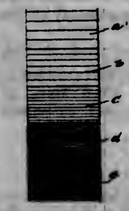
1. A party line telephone including a call bell for each subscriber, a selective mechanism adapted to be operated by central for closing the circuit of the call bell whereby the latter may be operated by central without operating the call bell of any other subscriber, and a resetting mechanism adapted to be operated by central for restoring the parts to normal position after the call bell has been operated having a detent serving as a conductor in said selective mechanism.

1,577,324. RAIL JOINT AND CHAIR. CHARLES W. LEE, Lock Haven, Pa. Filed Dec. 8, 1925. Serial No. 74,059. 2 Claims. (Cl. 238—210.)



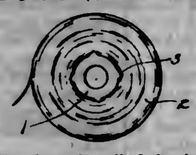
2. A rail joint and chair comprising in combination with the meeting ends of railroad rails having interlocking lugs and recesses, the recesses being wider than the lugs to permit endwise movement of the rails, and the rails provided with elongated openings, a chair to receive said rails including a base, upstanding flanges thereon shaped to fit the base and enclose the webs of the rails, said flanges provided with oppositely disposed openings alined with the openings in the rails, securing means engaged through said openings, and a depending extension on said base adapted to seat between adjacent railroad ties to prevent longitudinal creeping of the rails.

1,577,325. METHOD OF COMPENSATING DIFFERENCES OF DENSITIES IN CINEMATOGRAPHIC PRINTS. ERICH LEHMANN, Berlin-Charlottenburg, Germany. Filed June 27, 1924. Serial No. 722,864. 1 Claim. (Cl. 95—5.)



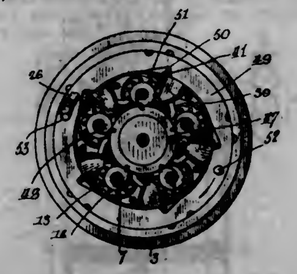
The method of determining the intensity of staining of cinematographic picture ribbons required for the compensation of different printing densities in the printing by machinery; which consists in making test-prints behind a scale of graduated progressively and increasingly stained, transparent layers and then staining the entire negative to a degree corresponding to that of the layer, behind which the most satisfactory test print was produced.

1,577,326. ADDING-MACHINE SPOOL. ELMER G. LEON, Hubbleton, Wis. Filed Apr. 14, 1925. Serial No. 23,098. 1 Claim. (Cl. 116—114.)



A spool of the class described having longitudinally extending triangular shaped ribs on the outer surface thereof and disposed in diametrically opposed relation whereby to form a substantially rectangular member having sharpened corners for forming indicative parts in paper or other material wound upon the spool.

1,577,327. PERMUTATION LOCK. JOSEPH LETOURNEAU, St. Catharines, Ontario, Canada. Filed Feb. 26, 1925. Serial No. 11,855. 12 Claims. (Cl. 70—53.)

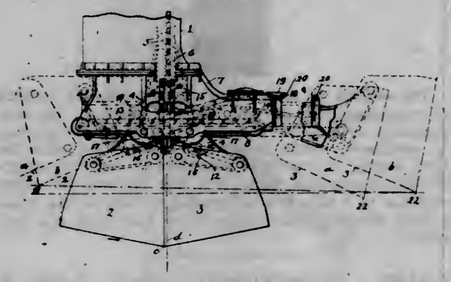


1. A permutation lock comprising a casing, bolts slidable therethrough, disks obstructing some of said bolts, said disks being formed with notches adapted to admit said obstructed bolts, and a control ring adapted to actuate said bolts.

1,577,328. ORE CONCENTRATION. CARL PIERCE LEWIS, San Francisco, Calif., assignor to Minerals Separation North American Corporation, New York, N. Y., a Corporation of Maryland. Filed July 26, 1920. Serial No. 399,068. 19 Claims. (Cl. 209—167.)

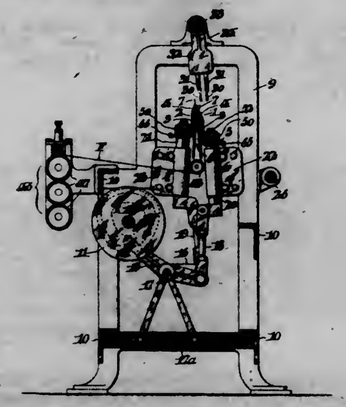
1. The process of concentrating ores which consists in mixing with an ore pulp a flotation agent including a heavy hydrocarbon carried in a hydrocarbon of the benzene series and dependent upon the presence of a substantial amount of both kinds of hydrocarbon for froth-producing properties, and also bringing gaseous bubbles into contact with the solid particles in the ore pulp so as to produce a mineral-bearing froth carrying a large proportion of a mineral of the ore, and separating the froth.

1,577,329. BUCKET UNLOADER. WILLIAM A. LEWIS, Ashtabula, Ohio. Filed Mar. 23, 1925. Serial No. 17,494. 4 Claims. (Cl. 37—188.)



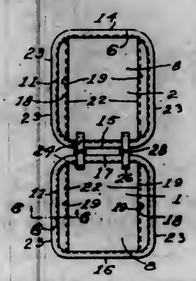
1. An unloader comprising a rigid vertical supporting leg, a grab bucket at the lower end of the leg which consists of laterally movable sections adapted to be spread apart and moved to closed position to gather a load from the floor of the hold of a vessel, said sections being so mounted that the scraping edges thereof when the buckets are spread apart are positioned at different levels whereby the scraping edges of both sections may be maintained during the closing movement in engagement with a floor inclined with respect to the horizontal, and means for operating the bucket.

1,577,330. PATTERN-CONTROL MEANS FOR WARP KNITTING MACHINES. GEORGE W. LINDLEY, Philadelphia, Pa. Filed June 8, 1923. Serial No. 644,117. 7 Claims. (Cl. 66—87.)



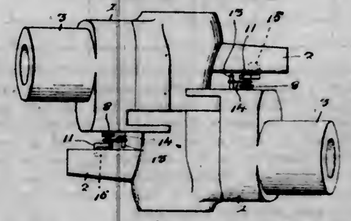
1. In a warp knitting machine, the combination of a plurality of needle banks, means for actuating said needle banks to form fabric stitches, and means for longitudinally shifting each needle bank relative to its support to effect selective transposition of the stitches of the knitting wales respectively produced by them.

1,577,331. SEAT COVER. JOSEPH S. LOPEZ, St. Louis, Mo. Filed Dec. 10, 1923. Serial No. 679,592. 1 Claim. (Cl. 155—182.)



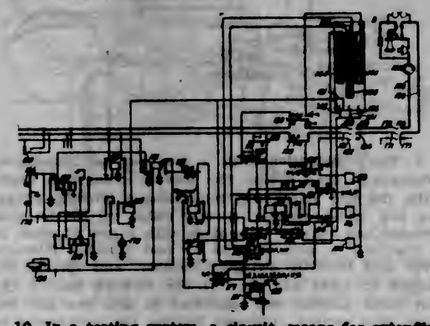
A seat cover comprising two separate sections each consisting of a strip of matting, each of said strips being provided with a U-shaped reinforcing binding extending completely around its periphery, said strips being arranged in spaced relation with the warps of the strips in alinement, pairs of flexible U-shaped hinge straps straddling the adjacent edges of the strips, the ends of said straps resting on the matting adjacent the binding fastening means, each extending entirely through the two ends of a respective strap and the matting therebetween, the flexible straps of one section being alined with the flexible straps of the other section, and rectangular wire loops each connecting a respective pair of alined hinge straps.

1,577,332. COUPLING. SAMUEL J. LOVERN and HENRY J. WELLMAN, Nolan, W. Va. Filed Jan. 29, 1924. Serial No. 689,318. 1 Claim. (Cl. 284—9.)



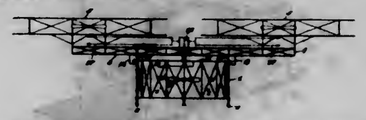
An air pipe coupling for the purpose set forth, comprising two coupling heads designed for coengagement to establish an air passage therethrough, each of said heads having an outwardly projecting angularly disposed horn designed to be arranged over the top of the co-operating head, a disc valve in the air passage of each of the coupling heads, each of said valves having a bleed opening therethrough, a stem for each valve, a lever on each stem, each of said levers having a reduced extension providing a finger on one end and an upturned flange providing a head on its opposite end, a stop element on each of the coupling heads in the path of engagement with the fingers of the respective levers, spring means influencing the levers to one position for holding the valves closed, a catch element on each of the coupling heads engageable with the headed ends of the levers, when the latter are swung to open the valves, and the headed end of each lever being in the path of contacting engagement with the horn of the cooperating coupling heads and designed by virtue of such contact to be swung to open the valves, and the horns being of such length as to permit of the slow closing of the valves when the coupling heads are disassociated.

1,577,333. TESTING SYSTEM. ERIC R. LUNDBERG, Brooklyn, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Jan. 6, 1923. Serial No. 610,978. 11 Claims. (Cl. 179—175.)



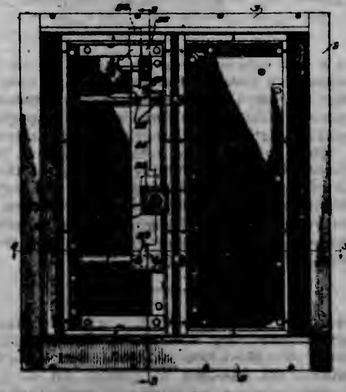
10. In a testing system, a circuit, means for extending said circuit over one end thereof, means for extending said circuit over the other end thereof, a sender, means for invariably connecting the sender to the end of the circuit first extended, and means for thereafter connecting the sender to the other end of the circuit.

1,577,334. HELICOPTER. CARLOS MACEKURTH, Lima, Peru. Filed May 1, 1925. Serial No. 27,196. 7 Claims. (Cl. 244—15.)



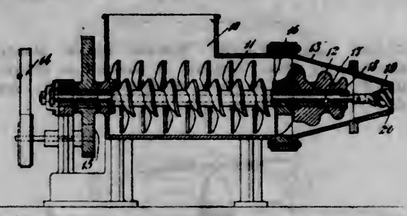
1. A helicopter comprising a base, a rotary beam thereover, a circular track on the base, symmetrically arranged brackets on the beam, anti-friction members carried by the brackets and engaging the track to raise the base, a centering element secured to the base centrally of the track and passing through the beam, a self-propelled airplane at each end of the beam, horizontal rudders on said airplanes and means to control the angularity of said rudders passing through said centering element.

1,577,335. SAFE LOCK. JOSEPH J. MARIOTTI, Chicago, Ill., assignor to Daprato Statuary Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 12, 1925. Serial No. 14,864. 2 Claims. (Cl. 109—3.)



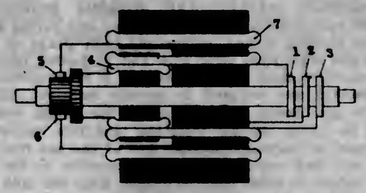
1. A double door locking mechanism for safes comprising, a key operable pinion, a member, including a rack for engaging said pinion, carrying a plurality of horizontally slidable locking bolts, a second rack carried by one of said bolts, a vertically slidable locking bolt having a rack associated therewith, and a pinion for operatively connecting the two last said racks.

1,577,336. METHOD AND APPARATUS FOR MAKING EXTRUDED CLAY ARTICLES. FIRTH MARSDEN, Ragland, Ala., assignor to Alphons Custodis Chimney Construction Company, New York, N. Y., a Corporation of New Jersey. Filed Dec. 21, 1925. Serial No. 76,629. 4 Claims. (Cl. 25—14.)



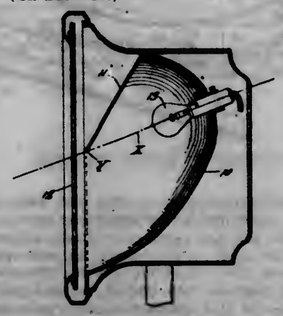
2. A machine for forming extruded clay articles which consists of an outer die and inner die and means for forcing clay between said dies and for revolving said inner die, said inner die being provided with a plurality of helicoidal spirals and with a central axial recess in the discharge end thereof for the purpose described.

1,577,337. DYNAMO-ELECTRIC MACHINE. BRADLEY MCCORMICK, St. Louis, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a Corporation of Delaware. Filed Apr. 13, 1925. Serial No. 22,515. 4 Claims. (Cl. 172—280.)



1. In an alternating current motor, the combination of an induced member, an inducing member provided with an inducing winding and with a commuted winding, said commuted winding longitudinally embracing a smaller portion of the laminations of the inducing member than embraced by the inducing winding, the length of air gap between the induced member and the portion of the inducing member embraced by the commuted winding being different from that between the induced member and the remainder of the inducing member.

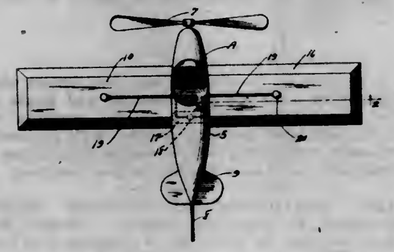
1,577,338. HEADLIGHT. BAYARD T. MERRILL, Valsets, Oreg. Filed Apr. 12, 1924. Serial No. 706,173. 1 Claim. (Cl. 240—41.)



An automobile headlight comprising a casing, a reflector arranged therein and including a curved body por-

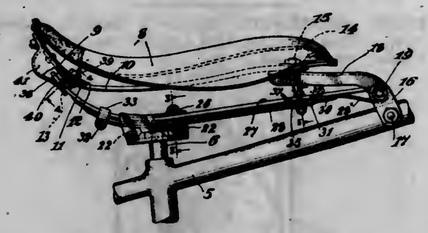
tion having an opening at a point above its transverse center to receive and support an electric light bulb at a downward inclination with respect to said casing, the forward edge of the reflector terminating to provide a semi-circular flange projecting outwardly therefrom and arranged to engage the adjacent wall of the casing, the upper portion of the reflector contacting the adjacent wall of the casing, and a shield of opaque material projecting outwardly and downwardly from the remaining upper half of the reflector, and terminating at a point in a plane beneath said bulb as and for the purpose specified.

1,577,339. AEROPLANE. EDWARD FRANK MERRITT, East Boston, Mass., assignor of one-half to Frank L. Merritt, East Boston, Mass. Filed Dec. 5, 1923. Serial No. 678,765. 1 Claim. (Cl. 244—5.)



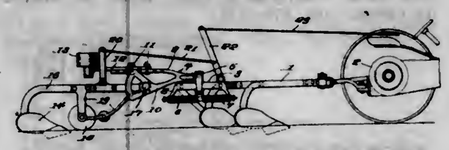
A normally heavier-than-air aeroplane including a fuselage equipped with propelling means and having steering and landing devices, hollow gas tight wings of non-deformable rigid form rigid with and projecting laterally from opposite sides of the fuselage, a tank carried by the fuselage and adapted to contain sufficient lighter-than-air gas under pressure to fill the wings, conduit means to convey the gas from the tank into the wings, and means to normally prevent flow of the gas from the tank, said last named means being operable at the will of the driver to allow the gas to flow from the tank into the wings for rendering the latter lighter-than-air, whereby the aeroplane may be temporarily converted into a substantially lighter-than-air craft for permitting a safe landing in an emergency.

1,577,340. SEAT SUPPORT. HENRY MESINGER, New York, N. Y. Filed Apr. 17, 1925. Serial No. 23,758. 12 Claims. (Cl. 208—100.)



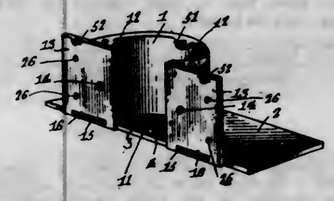
1. In combination with a seat and supporting post therefor, a cushioning spring interposed between the seat and said post and having parts relatively adjustable with respect to the post, means connecting said spring parts with the post, and means for securing the spring parts in adjusted position with respect to said post to vary the resistance of said spring to vertical movement of the seat with respect to the post.

1,577,341. PLOW ATTACHMENT. EMIL METTLER, Clayton, S. Dak. Filed Dec. 17, 1924. Serial No. 756,583. 3 Claims. (Cl. 97—137.)



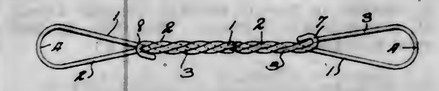
1. The combination with a plow, of an attachment arranged to trail behind the plow in connection therewith, the said attachment comprising a laterally swinging bell crank member, a soft roller carried by said member and adapted to contact with a row of vines in a vineyard, a plow carried by and movable laterally with said laterally swinging member, and springs arranged in front and rear of the forward end of the bell crank member and connected to said end and the plow, said springs yieldingly holding the attachment in contact with the row of vines.

1,577,342. UNIVERSAL BABBITTING EQUIPMENT. MAX MICHALK, Montreal, Quebec, Canada. Filed Aug. 8, 1925. Serial No. 49,081. 6 Claims. (Cl. 22—123.)



1. Babbitting equipment comprising a curved mandrel, and liner plates adjustably connected to said mandrel.

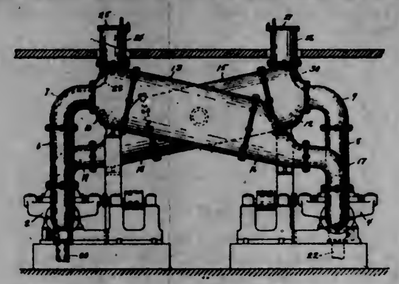
1,577,343. TIE. ELIAS N. MILLER, Denver, Colo. Filed May 2, 1925. Serial No. 27,510. 2 Claims. (Cl. 25—131.)



1. As a new article of manufacture, a tie for plastic forms formed of a single strand of wire and of a length to bridge the space between and extend outwardly beyond opposed walls of such form, said tie comprising an intermediate length, the extremities of said intermediate length being continued by returned lengths, each of the returned lengths terminating inwardly of the opposite end of the intermediate length, each end portion of the intermediate length and the connected portion of the adjacent returned length being separated to provide a loop, the portions of the three lengths between the loops being wrapped one around the other two.

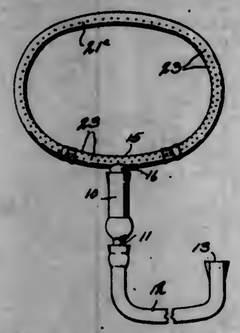
1,577,344. PULP HYDRATOR. ANDREW MUIRHEAD, Haverhill, Mass., and EVERETT K. MANSFIELD, White Plains, N. Y. Filed Dec. 30, 1925. Serial No. 78,498. 8 Claims. (Cl. 92—20.)

1. A pulp hydrator comprising a pump having inlet and discharge pipes connected thereto and an elongated tubular casing of substantially greater transverse area than the area of said pipes and connected at its ends to said pipes, respectively, to form a closed fluid circuit



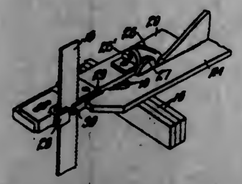
through which the fluid may be circulated by said pump, said discharge pipe from the pump being arranged to project a jet into said casing longitudinally thereof.

1,577,345. BATH SPRAY. JOHN F. NAGORSKI and OTTO C. CECIL, Bedford, Ohio. Filed Feb. 21, 1925. Serial No. 10,889. 2 Claims. (Cl. 4—157.)



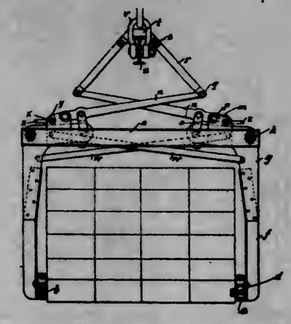
1. A bath spray of the character described comprising a handle adapted at one end for connection to a flexible hose, the opposite end of the handle being provided with a T, the T at the extremities of its branches being formed to provide nipples, the nipples being longitudinally slotted, and a flexible section adapted at its ends to be engaged with said nipples and formed at its ends with holes registering with the slots in the nipples, the inner face of the T and the inner face of the flexible section being provided with longitudinally extending rows of perforations.

1,577,346. SLUG TRIMMER. ANTON H. NARROW, Memphis, Tenn. Filed June 12, 1923. Serial No. 644,995. 19 Claims. (Cl. 29—68.)



1. In a trimmer for slugs, a guide adapted to engage projections on the slugs, means adjacent one end of said guide for cutting off the ends of the slugs, and means for moving the slugs toward the cutting means, substantially as set forth.

1,577,347. GRASPING DEVICE FOR LOADING OR PILING BRICKS OR THE LIKE. CARL FRANZ NEUMANN, Geesthacht, near Hamburg, Germany. Filed June 27, 1925. Serial No. 40,047. 3 Claims. (Cl. 294—63.)



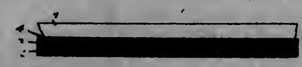
1. A gripping device for loading piles of bricks and having tongue like gripping elements, comprising, oppositely arranged bell crank levers with vertically positioned arms, beams mounted on the lower ends of the vertical arms of the bell crank levers for gripping the bottom layer of a pile of brick from opposite sides, and rods connecting the vertical arm of each bell crank lever with the horizontal arm of the other bell crank lever.

1,577,348. ATTACHMENT PLUG. STANLEY MCCLATCHIE, Cambridge, Mass., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed July 24, 1920. Serial No. 398,689. 2 Claims. (Cl. 173—359.)



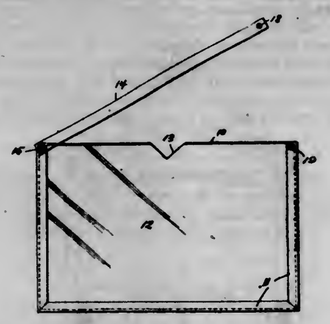
1. An attachment plug comprising a cylindrical insulating base, having a central opening therethrough, a yoke-shaped metal member straddling said opening, a center contact threaded into the central portion of said yoke and forming a binding screw, and a side contact insulated from said center contact by said cylindrical insulating body.

1,577,349. PROCESS OF SECURING RUBBER TO LEATHER AND OTHER LIKE MATERIALS. ALBERT LINN MURRAY, Auburn, Ind. Filed Feb. 2, 1924. Serial No. 690,183. 3 Claims. (Cl. 18—59.)



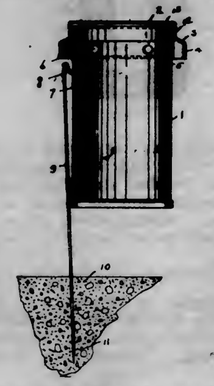
1. The process of securing rubber to leather which consists in applying a sheet of raw milled rubber to a compounded rubber, then subjecting the same to heat for vulcanizing the compounded rubber, and inseparably securing the sheet thereto then applying a second sheet of raw milled rubber to the exposed surface of the first sheet and finally cementing the exposed surface of the second sheet to the leather.

1,577,350. HOLDER. CHARLES E. OTTEMAN, Toledo, Iowa. Filed Dec. 20, 1924. Serial No. 757,200. 1 Claim. (Cl. 40—16.)



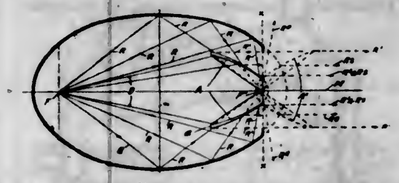
A card holder of the character described comprising a relatively flat elongated body, flange members extending inwardly in spaced relation from the ends and bottom edge thereof, a transparent plate positioned adjacent the outer face of the body and having its corresponding edges received within the spaces thus defined between the body and flange members respectively, a channel-shaped member arranged upon the upper edge of the transparent plate and body, one corner of the channel-shaped member and corresponding upper side edge of the body having a sleeve extending therethrough, and fastening elements extending through the sleeve and the opposite end of the body and channel-shaped member for locking the transparent plate within the body and for securing the body as a whole in a desired position.

1,577,351. CONTAINER. ANTONIO ALVAREZ, Oakland, Calif., assignor to M. J. Brandenstein & Company, San Francisco, Calif., a Copartnership composed of Max J. Brandenstein, Manfred Branstea, and Edward Branstea. Filed Mar. 27, 1924. Serial No. 702,209. 2 Claims. (Cl. 43—131.)



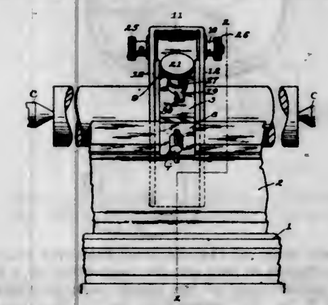
1. A container comprising a receptacle open at one end and having a plurality of holes about the periphery adjacent the open end, in combination with a cover for said open end having an annular cylindrical portion adapted to frictionally engage the receptacle and close the open end and an annular border on the cover extending out from the receptacle and thence substantially parallel with the receptacle and overhanging the said holes and a thin tearing strip interposed between the can and the cylindrical portion of the cover, said strip normally covering the said holes as for the purpose set forth.

1,577,352. HEADLIGHT REFLECTOR. MARTHA W. CAUGHLAN, Oakland, Calif., assignor to American Woodlite Corporation, San Francisco, Calif., a Corporation of California. Filed May 13, 1925. Serial No. 29,938. 7 Claims. (Cl. 240—41.)



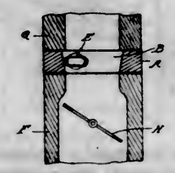
1. In a headlight having a main reflector and a light source, an auxiliary condensing reflector arranged to receive light from the main reflector at one end and to emit light through the other end, said condensing reflector being positioned in front of the source of light and having an outer convex reflecting surface and an inner concave reflecting surface, said convex reflecting surface being parabolic on parallel horizontal planes and said concave reflecting surface being elliptical on parallel horizontal planes.

1,577,353. STEADY REST. SOL EINSTEIN, Cincinnati, and HERMAN E. ISLER, Norwood, Ohio, assignors to The Cincinnati Milling Machine Company, Oakley, Cincinnati, Ohio, a Corporation of Ohio. Filed Feb. 27, 1924. Serial No. 695,516. 7 Claims. (Cl. 51—238.)



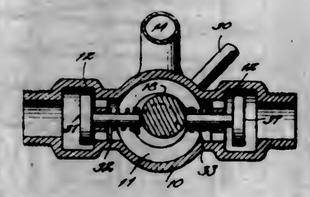
1. A grinding machine combining a table, a grinding wheel; a saddle supported by said table; a member pivoted to said saddle; a work-supporting block carried by said member and adapted to engage the work at the side opposite said grinding wheel; and a single means for adjusting said member about its pivot to move it upwardly and outwardly so as to maintain said work-supporting block in contact with the work during a grinding operation.

1,577,354. VAPORIZER. ALBERTUS W. MCCALMONT, Pontiac, Mich., assignor to Briscoe Devices Corporation, Pontiac, Mich, a Corporation of Michigan. Filed Apr. 11, 1921. Serial No. 460,541. 2 Claims. (Cl. 257—241.)



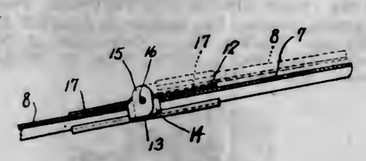
1. In a vaporiser for internal combustion engines, the combination with the intake conduit, of a throttle controlling said conduit, adapted when partly open, to direct the flow primarily along one side of the conduit, a tube extending across the passage of said conduit adjacent to said throttle and adjacent to the side of said passage along which the primary flow is directed in the partly opened position of the throttle, said tube being flattened within the conduit transversely to the flow therethrough, said tube forming a conduit for a heating fluid.

1,577,355. MIXING VALVE. FRANK PALEY, Cleveland, Ohio. Filed Mar. 21, 1925. Serial No. 17,350. 2 Claims. (Cl. 277—7.)



1. A mixing valve comprising a casing, a central normally seated spring actuated valve mounted for rotary and axial movement therein, laterally disposed normally seated spring actuated valves upon opposite sides of the central valve, an eccentric carried by the central valve, stems carried by the lateral valves and engaging the eccentric to operate said valves when the central valve is rotated, a stem extending from the central valve and means engaging the stem to rotate and move said stem axially and control the lateral and central valves.

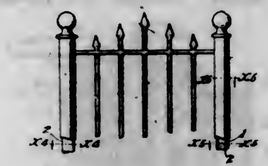
1,577,356. UMBRELLA. THOMAS PALLONE, Minerva, Ohio. Filed Aug. 2, 1924. Serial No. 729,782. 1 Claim. (Cl. 135—29.)



A means for pivotally connecting the cross sectionally U-shaped rib sections of an umbrella frame, comprising split bands arranged over the confronting ends of umbrella sections, each having its lower portion bent under and against the inner sides of the cross sectionally U-shaped rib sections, one of said bands having spaced outstanding ears, and lower spring tongues beneath the ears, and the second band having angularly disposed lugs whose outer ends are rounded upwardly from the band and which lugs are centrally pivoted between the ears so that the inner edges thereof will be contacted by the spring tongues when the rib sections are arranged in parallelism and also whereby the rounded ends of the said lugs will frictionally contact with the said tongues when the outer rib section is swung over the inner rib section.

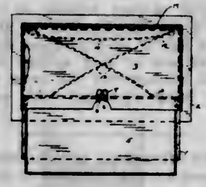
1,577,357. METHOD OF PLATING COMPOSITION BODIES. FELIX PRANO, Inglewood, Calif. Filed Dec. 17, 1923. Serial No. 681,175. 9 Claims. (Cl. 204—8.)

1. The method set forth of producing a metal deposit on a composition body consisting of first mixing a setting material to form a plastic mass, then mixing metal wool with such mass, then modeling the mixture into a body of the desired form, then allowing the body to set,



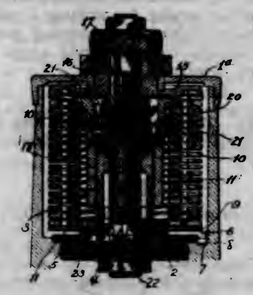
then treating surfaces of the body to expose portions of the metal wool, and then treating the body to build up a metal deposit thereon.

1,577,358. CANDY BOX. EDWARD W. POPPE, Milwaukee, Wis. Filed May 3, 1923. Serial No. 636,374. 2 Claims. (Cl. 206—44.)



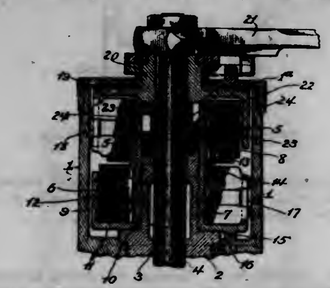
1. In a paper box having a body, the combination with an intermediate horizontal partition in said body and having a cut away portion at the forward end of said body, of a stop secured to said partition in said cut away portion and having a lip depending from said partition, a movable container within the body and below said partition, said body having at its forward end a wall hinged to the bottom of said body, and a spring for projecting said container outwardly over said wall, said lip extending into said container for contact with the rear wall thereof, whereby movement of said container may be limited and said container may be manually manipulated about said lip for removal from said body.

1,577,359. DOOR CLOSER. ROBERT S. POTTER, Greenwich, Conn., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Filed Aug. 11, 1923. Serial No. 656,890. 4 Claims. (Cl. 16—76.)



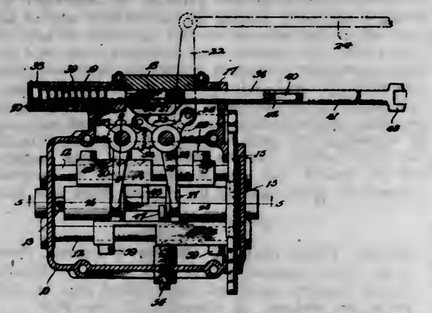
1. In a door closer, the combination with a casing, a plurality of spring winders within said casing, a lever, and connections between the respective spring winders and said lever, of a spring structure within the casing and comprising a plurality of connected coils providing a continuous spring, the respective ends of such continuous spring being connected with the respective winders.

1,577,360. DOOR CLOSER. ROBERT S. POTTER, Greenwich, Conn., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Filed Apr. 2, 1924. Serial No. 703,751. 2 Claims. (Cl. 16—80.)



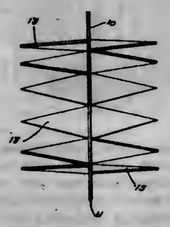
1. In a door closer, the combination with independently movable winders, of a spring structure comprising a plurality of coiled springs located in alignment with each other, and a coupling member for said springs and having the inner end of each of them attached thereto, the outer end of one of said springs being connected with one of said winders and the outer end of another of said springs being connected with another of said winders.

1,577,361. GEAR-SHIFTING MECHANISM. GLENN T. RANDOL, Marmaduke, Ark., assignor of one-half to Sol S. Steinberg, Paragould, Ark. Filed July 5, 1923. Serial No. 649,685. 18 Claims. (Cl. 74—58.)



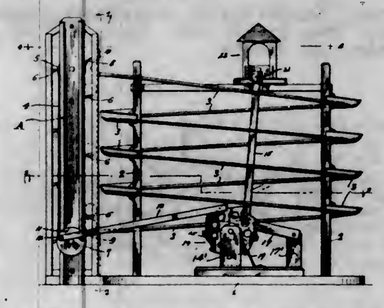
1. A gear shifting mechanism including rotatable selecting means movable axially for shifting a selected gear, means for axially shifting said selecting means, and a longitudinally movable element having a cam for actuating said second mentioned means.

1,577,362. TOY. HEINRICH REITBERG, New York, N. Y. Filed Oct. 7, 1924. Serial No. 742,094. 3 Claims. (Cl. 46—37.)



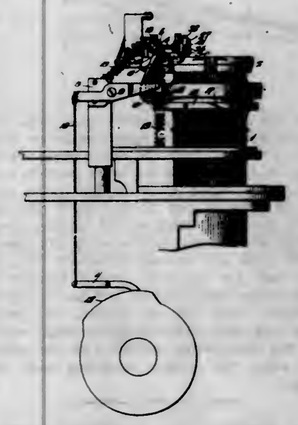
1. A toy comprising an annular disk having a concentric opening therein, the material removed when forming the opening being shaped into triangular sections providing blades, tapering channels extending radially into the disk and having their mouths communicating with the opening, and means on said blades engaging said channels for securing said blades to the disk.

1,577,363. GRAVITY TOY. RICHARD G. RICHARDSON, Piedmont, W. Va. Filed Jan. 25, 1923. Serial No. 614,988. 3 Claims. (Cl. 46—37.)



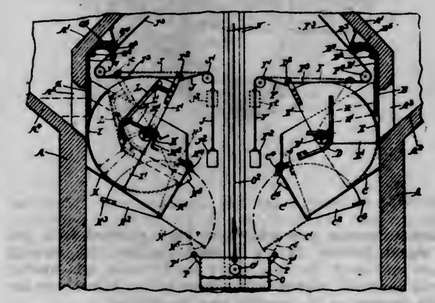
1. A device of the class described comprising a frame, an inclined track supported thereby and having curved ends and straight side portions connected with the ends, an elevator for taking articles from the lower end of the track and depositing them upon the upper end of the track, a gate for holding articles upon the upper part of the track, a lever pivoted to a part of the frame, a rod connected with the lever and with the gate for opening the gate when the lever is actuated, a ratchet wheel rotatably mounted in a part of the frame and having a projection thereon for engaging the lever, a pulley connected with a shaft of the elevator, a rod eccentrically pivoted to the pulley and having a dog on its end for engaging the ratchet wheel and means permitting the elevator to be actuated.

1,577,364. YARN BINDER AND TRIMMER. FRANK W. ROBINSON, Reading, Pa., assignor to Schuylkill Hosiery Mills, Inc., Reading, Pa., a Corporation of Pennsylvania. Filed May 1, 1923. Serial No. 635,840. 6 Claims. (Cl. 66—134.)



1. In a yarn binder and trimmer, a stationary binder and cutter member having a hooked end, relatively movable binder and cutter members mounted to co-operate with said hooked end, said cutter having a hook-like cutting portion, yielding means to effect relative movement of said members in one direction, a third member to effect relative movement of said movable binder and cutter members in a reverse direction, pattern controlled means to move said third member into its active position, and cylinder controlled means to actuate said third member when it is in its active position.

1,577,365. PROCESS OF AND APPARATUS FOR HANDLING AND MIXING COAL. CLYDE P. ROSS, Chicago, Ill. Filed Feb. 5, 1923. Serial No. 616,882. 7 Claims. (Cl. 83—78.)



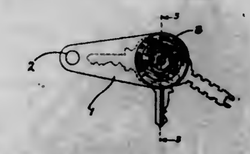
1. The process of completely mixing coal of different grades while freely falling, which consists in downwardly discharging along separate but adjacent paths unmeasured quantities of different grades of coal, interrupting the downward movement of each of such streams of coal, discharging coal from each of said streams, in measured charges permitting said charges to fall freely through the air, into a common mixing zone in the air, and subsequently conveying the mixed material upwardly from said mixing zone.

1,577,366. CABINET DRESSER. COSTANZO RUOCCO, Philadelphia, Pa. Filed July 31, 1922. Serial No. 578,673. 2 Claims. (Cl. 45—99.)



1. In an article of furniture, a central stationary mirror, a pair of mirrors hingedly connected, one at each side of the stationary mirror for swinging movement on vertical axis, a drawer having guideways in its side walls, a supporting board slidably supported in said guideways, a bearing plate carried by said board for rotary movement about a vertical axis, a U-shaped frame having its intermediate portion hingedly connected to said bearing plate, the sides of said frame having guide slots therein, a mirror positioned between the sides of the frame for vertical movement, guide trunnions carried by the mirror and movable in the slots and means for retaining the mirror in a vertically adjusted position relative to the frame.

1,577,367. KEY CARRIER. LEROY L. SALFISBERG, Newark, N. J. Filed Jan. 10, 1925. Serial No. 1,575. 4 Claims. (Cl. 59—96.)



1. A key carrier comprising a base having a threaded opening and a recess in one face adjacent to said opening, a bolt engaging and extending through said opening, a mark receiving member positioned in said recess, and means co-operating with said bolt to retain said member in operative position in the recess.

1,577,368. REVERSIBLE AND INTERCHANGEABLE STOCKING TOP. ALBERT E. SANBORN, Laconia, N. H. Filed Oct. 18, 1924. Serial No. 744,873. 1 Claim. (Cl. 2—240.)



A duplex stocking top formed separately from a stocking and adjustable upwardly and downwardly thereon, said stocking top comprising two separately knitted tubular members seamed at their relatively upper edges to each other and lying one within the other and concentrically with relation to each other, each tubular member having a pattern side knit therewith and a raw or unfinished side, the pattern sides of the respective tubular members normally lying one on the outer face and the other on the inner face of the duplex top, and said pattern sides being of contrasting design and appearance, whereby one pattern side is normally displayed and by turning the duplex top inside out the positions of the pattern sides will be reversed for display of the other pattern side.

1,577,369. NICOTINE DUST FOR KILLING INSECTS. GEORGE E. SANDERS and RAYMOND H. PESTELL, Louisville, Ky., assignors to Dosch Chemical Co., a Corporation of Delaware. Filed Sept. 1, 1922. Serial No. 585,801. 12 Claims. (Cl. 167—6.)

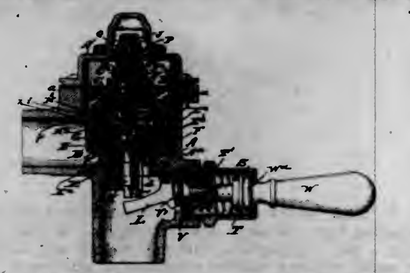
1. A composition containing nicotine and ammonia.

11. A composition containing nicotine, ammonia, magnesium oxide, quick lime, nicotine sulphate and ammonium sulphate.

1,577,370. FLUSHING VALVE. FREDERICK A. SCHOSSOW, Detroit, Mich. Filed May 25, 1925. Serial No. 32,635. 22 Claims. (Cl. 139—93.)

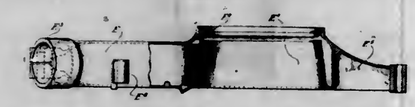
3. In a device of the character described; a valve body having ports for the admission and discharge of water; a normally closed main valve for controlling the flow of the water; means for actuating the main valve; means including a releasing valve for maintaining the main valve in open position during the period of time in which the rate of flow through the valve is sufficient to maintain a predetermined pressure and volume within the valve; and means adapted to automatically close the main valve when the rate of flow through the valve body is insufficient to maintain said valve in open position.

14. In a device of the character described; a valve body having inlet and outlet ports; a main valve; a releasing valve; means for maintaining the releasing



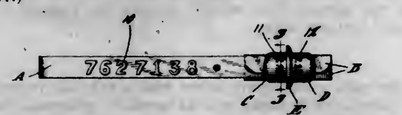
valve in an open position controlled by a predetermined minimum water pressure; means for automatically closing the releasing valve when the water pressure is less than the predetermined amount.

1,577,371. EXHAUST NOZZLE AND ASSEMBLY. JOHN A. SECOR, La Porte, Ind., assignor to Advance-Rumely Company, a Corporation of Indiana. Filed Apr. 12, 1922. Serial No. 552,019. 2 Claims. (Cl. 137—160.)



1. As a new article of manufacture an engine muffler, said muffler being generally annular in shape and provided with an annular exhaust opening, an exhaust impulse balancing means comprising a plurality of oppositely directed separate exhaust connections communicating with said muffler whereby exhaust discharges are directed in opposite directions to balance each other.

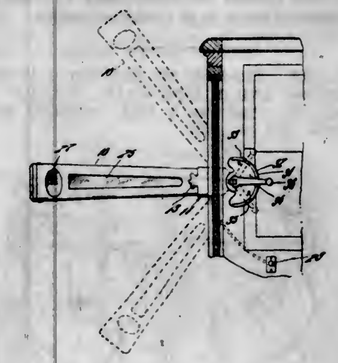
1,577,372. CAR SEAL. JOHN SELINE and ALBERT DUNCAN FERGUSON, Calgary, Alberta, Canada. Filed June 9, 1924. Serial No. 718,993. 1 Claim. (Cl. 292—307.)



An improvement in car seals of the type including a seal strip and joined sealed sections thereon, consisting in the application to the strip of a serial number and the application to each of the seal sections of a number having a certain relation to said first named number whereby disagreement between the numbers on the sections or disagreement of the numbers on both sections with respect to the serial number will be evidence of tampering.

1,577,373. DIRECTION SIGNAL. OTIS E. SHARP, Middleville, Mich. Filed May 25, 1925. Serial No. 32,815. 2 Claims. (Cl. 116—54.)

1. A signal device of the character described comprising a bearing member carrying clamping means adapted for engagement upon the side of a motor vehicle windshield, said bearing member being formed at one end with an attaching plate portion, a segmental plate secured to said attaching plate portion and having an upturned flange formed with a plurality of notches, a shaft rotatably and slidably mounted through said bearing member and through said segmental plate, an operating handle on said shaft adapted to be engaged within a selected one of said notches, a washer member secured upon said shaft in spaced relation to the adjacent end of the



bearing member, said washer having a serrated face, and a signal member having a head engaged and secured upon said shaft, the face of the head toward said washer being serrated whereby adjustment of the signal member with respect to the handle may be effected.

1,577,374. GUM OR CANDY CONTAINER. THOMAS W. SHELLEY, Los Angeles, Calif., assignor to John L. Timmins, Los Angeles, Calif., by court order assigned to Margaret Timmins, widow of said John L. Timmins, deceased. Filed Nov. 5, 1921. Serial No. 513,000. 14 Claims. (Cl. 215—1.)

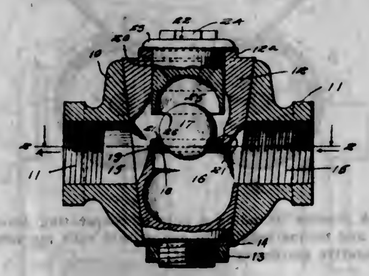


1. A container adapted for use in combination with a vending machine and comprising a lower globe shaped compartment open at both ends and adapted to contain articles to be vended; and an upper square or rectangular shaped compartment the center of which is directly over the center of the lower globe shaped compartment.

1,577,375. REVERSIBLE CHECK VALVE AND STOP. HAROLD A. SHOWMAN, Geuda Springs, Kans. Filed Mar. 21, 1925. Serial No. 17,302. 1 Claim. (Cl. 277—25.)

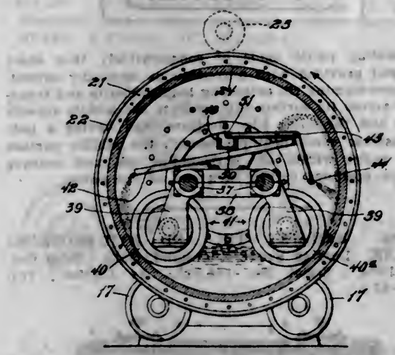
A device of the class described comprising a valve casing, a plug rotatable in said casing to coact with the passage thereof, said plug having a substantially central opening, a valve seat member insertable into said opening and having threaded engagement with the plug at the base of the opening, a ball valve insertable through said opening and engaging said valve seat member, a wrench-engaging head on said plug, a cap extending into said opening and having a ground joint connection with the opening, the inner end of said cap being cut away to

restrain movement of the ball valve, said cap being downwardly extended to lengthen the zone of the ground joint connection and to enable the cutaway portion



aforesaid to be provided, said cap having an outwardly extending flange resting on said head, and said cap having a wrench engaging head projecting above the flange and inwardly of its margin.

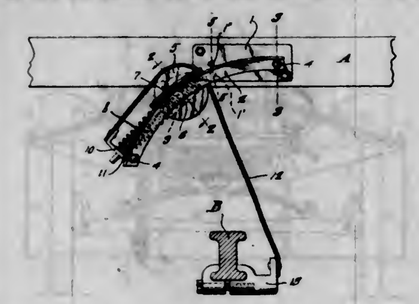
1,577,376. MILL. FRANK SILVA, Copperhill, Tenn. Filed Nov. 21, 1925. Serial No. 70,594. 12 Claims. (Cl. 83—9.)



1. In a mill, a casing having external trackways, rollers engaging said casing and supporting the casing for rotation, means for rotating the casing, the casing having at its opposite ends feed and discharge openings, spaced supports projecting through the feed and discharge openings, means for yieldably forcing the supports downwardly, crushing rollers carried by the supports within the casing and means for maintaining a constant fluid level within the casing.

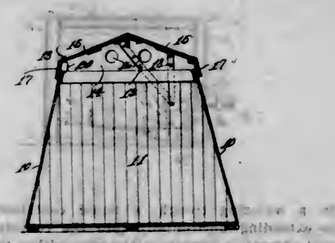
1,577,377. SHOCK ABSORBER. ALFRED J. SINCLAIR, Dayton, Ohio. Filed Aug. 21, 1925. Serial No. 51,663. 3 Claims. (Cl. 267—10.)

1. A device of the class described, comprising a curved track, a drum, brake parts carried by the same and engaging the track, spring means for normally holding the drum at the upper end of the track and a flexible



member passing over the drum and having its ends connected with the parts, the relative movements of which are to be resisted.

1,577,378. HINGE AND SUPPORT FOR CLOSURES. GEORGE W. SMIDLEY, New Holland, Ohio. Filed Aug. 26, 1924. Serial No. 734,284. 1 Claim. (Cl. 220—32.)

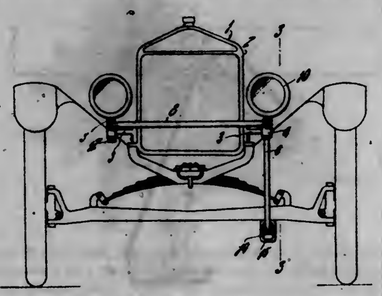


The combination with an enclosure and a cover therefor, of a hinge means comprising vertically disposed bars secured to the ends of the cover, inwardly thereof, and adjacent one long side thereof and having their other ends pivotally connected to the ends of the enclosure, externally thereof and inwardly of a long side thereof, and obliquely extending bars pivotally connected to the said ends of the enclosure coincidently with the adjacent ends of the first bars and having their other ends secured to the inner faces of the said ends of the cover adjacent the intermediate portions thereof, whereby to permit said cover to be swung into a position with its enclosure closing portion against the said longer side of the enclosure.

1,577,379. MOVABLE HEADLIGHT. JAMES SMITH, Donora, Pa. Filed Oct. 29, 1924. Serial No. 746,586. 1 Claim. (Cl. 240—62.)

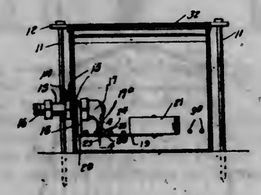
In combination with an automobile, of means for causing the headlamps thereof to turn with and in the same direction as the steering wheels, comprising curved brackets secured to the sides of the radiator and terminating in outwardly directed hubs, a lamp supporting post journaled in each hub, each of said posts having an outstanding arm, a rod to which the arms are pivotally secured, one of said posts being of a greater length than the other, a rod pivotally secured to the lower end of the longer post to permit of the vertical but to prevent the side movement thereof, a barrel having

spaced depending fingers which are clamped on the steering knuckle connecting rod of the machine, a rod movable through the barrel and adjustably sustained thereon, and a loose connection between the pivoted rod and the



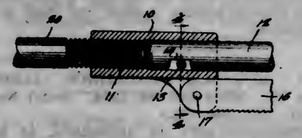
last mentioned rod whereby the pivoted rod will be swung upon the lateral movement of the knuckle connecting rod to impart a simultaneous swinging to the lamp supporting posts.

1,577,380. WATERING TROUGH. RUDOLPH F. SONSTEGARD, Sisseton, S. Dak. Filed Jan. 10, 1924. Serial No. 685,439. 1 Claim. (Cl. 137—104.)



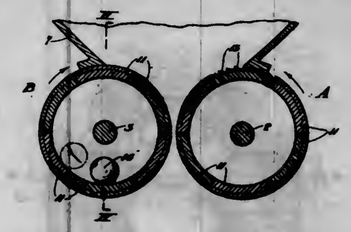
In a watering trough, a liquid container, a supply pipe extending horizontally into the container through a wall thereof, a bonnet on the pipe within the container and having a downwardly extending discharge nozzle, a valve to control the supply of liquid through said nozzle and consisting of a plurality of superposed elements whereby their number may be diminished or increased, a float controlled lever carrying said valve, and a hanger for said lever suspended from said pipe between the wall of the container and the aforesaid bonnet.

1,577,381. HACK-SAW FRAME. CLIFFORD SPRAGUE, St. Louis, Mo. Filed June 17, 1925. Serial No. 37,807. 4 Claims. (Cl. 145—31.)



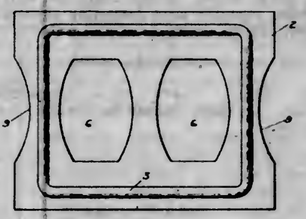
4. A saw comprising a tubular member, means to attach the inner end of a saw blade to said member, a rod having its inner end slidable within the tubular member, means at the outer end of the rod to engage the outer end of a saw blade and a saw handle adjustable within the tubular member and engaging the inner end of the rod to adjust the blade engaging means relative to the rod and an extension handle section removably secured to the frame.

1,577,382. CRUSHER. FRANCIS J. STRAUB, New Kensington, Pa., assignor to Crosier-Straub, Inc., New York, N. Y., a Corporation of New York. Filed Jan. 10, 1921. Serial No. 436,159. 2 Claims. (Cl. 83—12.)



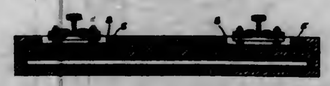
2. A crusher including a pair of cooperating crushing rolls, and rolling weights in one of said rolls for varying the rotative movement thereof.

1,577,383. PALLET FOR BLOCK-MAKING MACHINES. FRANCIS J. STRAUB, New Kensington, Pa. Filed May 27, 1924. Serial No. 716,172. 1 Claim. (Cl. 25—41.)



A molding pallet made of comparatively thin sheet metal and provided with a continuous upwardly extending groove-forming rib extending longitudinally and transversely across its surface intermediate the middle smooth surface and the outer edge portions, and having a pair of transverse core openings through the middle portion of the pallet within the surrounding rib, and concave clearance openings cut in each end of the pallet.

1,577,384. RAILWAY TIE AND RAIL-SECURING MEANS. LUTHER STOYE, Cleveland, Ohio. Filed Oct. 23, 1924. Serial No. 745,317. 14 Claims. (Cl. 238—87.)

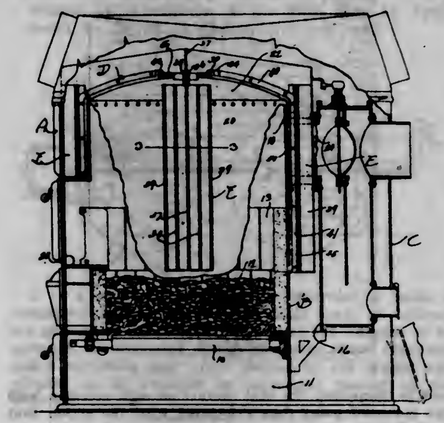


1. A concrete tie having a cavity extending longitudinally thereof, and having a reinforcing metallic member disposed exteriorly of and enclosing the said cavity, and also having a rail securing insert embedded in the tie with its top surface substantially flush with the top surface of the tie, and securing means formed on the insert and embedded in the tie to securely hold the insert within the tie.

1,577,385. AUXILIARY RADIATING ATTACHMENT FOR HOT-AIR FURNACES. EARL R. TAYLOR, Adel, Iowa. Filed Feb. 11, 1925. Serial No. 8,468. 6 Claims. (Cl. 126—118.)

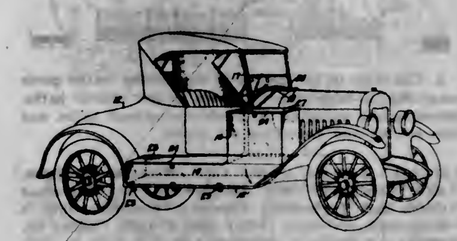
1. In an attachment of the class described the combination with a hot air furnace including an inner fire receiving heater shell and an outer casing with an air

space between the shell and casing, said shell including a top wall and side walls, a ring shaped member removably supported by the top wall, and radially extending fin



members detachably supported by said ring shaped member so as to extend in abutment along said top wall and along the side wall of said shell within the air space between said shell and casing.

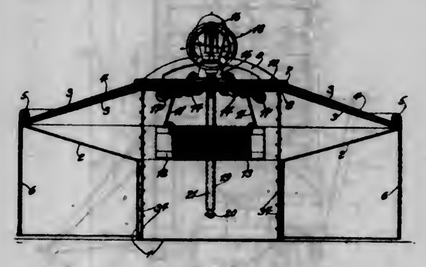
1,577,386. LUGGAGE CARRIER. PORTER M. TRAVIS, Sherman, Tex. Filed June 16, 1925. Serial No. 37,448. 8 Claims. (Cl. 224—29.)



1. A luggage carrier for automobiles comprising a receptacle for each running board thereof and having a forward portion extending upward beside the cowl, means for fastening said upright portions together across said cowl comprising a connecting rod for engagement with each of said upright portions, and means for fastening each of said receptacles to its supporting running board, substantially as set forth.

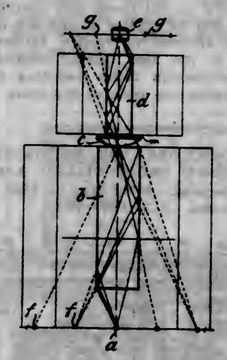
1,577,387. HOVER. ERNEST TROVA, St. Louis, Mo. Filed Feb. 15, 1923. Serial No. 619,175. 3 Claims. (Cl. 119—82.)

3. A device of the character described, comprising a heat radiating chamber composed of an upright wall portion and a wall portion flaring upwardly and outwardly from said upright portion, said chamber having an opening in the top thereof, an insulating support mounted in said opening, a heating element suspended from said support and being on a plane substantially at the juncture of the walls of said heating chamber, and a heat responsive element for controlling the circuit of said heating element, said heat responsive element having a member extending downwardly in the heat radiating



chamber, and an insulating tube for said member leaving exposed the lower end thereof so that it is responsive to the heat in the lower strata of said chamber.

1,577,388. PROJECTION APPARATUS. FRANK TWYMAN, London, England, assignor to Adam Hilger, Limited, London, England. Filed May 19, 1923. Serial No. 640,199. 7 Claims. (Cl. 88—24.)

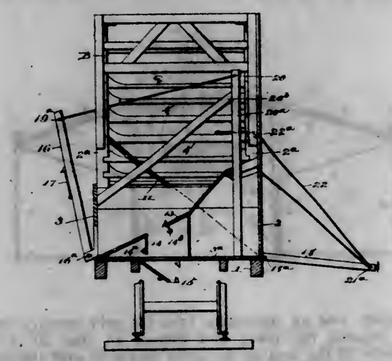


1. In projection apparatus, a projecting lens, a prism whose cross section is a regular polygon, a condenser and a light source, all of said parts being arranged along an optical axis and optical elements which produce virtual images of the light source at the foci of the condensing lens, conjugate with the virtual images of the center of the projecting lens formed by the prism.

1,577,389. PURIFICATION OF SUGAR SOLUTIONS. KAREL URBAN, Pecky, Czechoslovakia, assignor to Seligman Elbogen, Prague-N, Czechoslovakia, a Firm. Filed June 2, 1924. Serial No. 717,433. 2 Claims. (Cl. 127—46.)

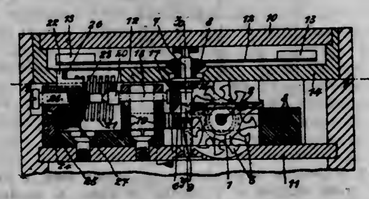
1. Process of purifying a sugar solution by means of a compound which has the property of exchanging alkaline earths for the alkalies of the sugar solution, characterized by the fact that the sugar solution is filtered through said compound until a maximum enriching of the sugar solution with alkaline earths is obtained and is then further filtered through a compound having said exchange property to remove alkaline earths and other ashy substances and organic non-sugar substances to a large extent from the solution.

1,577,390. BALLAST-CLEANING DEVICE. GEORGE VANG, Cumberland, Md. Filed June 16, 1923. Serial No. 645,889. 1 Claim. (Cl. 209—256.)



In a device of the character described, a frame adapted for travel on a track, a screen mounted in said frame at an incline longitudinal of said frame, a hopper adapted to protect said screen and to regulate the initial velocity of the material thereon, a slide mounted in said frame beneath said screen and adapted to convey the dirt flowing therefrom to one side of the frame, dirt chutes hingedly connected to the frame and adapted to receive and convey the dirt to a point at one side of the frame, a ballast slide adapted to receive ballast from said screen, a door in the floor thereof adapted to deposit the ballast therethrough before reaching the exit end of the slide between the rails of the track.

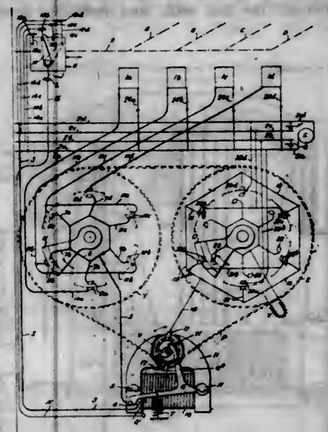
1,557,391. CLOCKWORK FOR MECHANICAL FUSES FOR ARTILLERY PROJECTILES. ANDRÉ VARAUD, Geneva, Switzerland. Filed May 1, 1925. Serial No. 27,121. 7 Claims. (Cl. 102—36.)



1. In a clockwork for mechanical fuses for artillery projectiles, a balance, a cylindrical spiral so placed that the axis thereof is transverse of the fuse and perpendicular to the axis of rotation of the projectile, a supporting member upon which said spiral momentarily rests at the time of the departure of the projectile upon being fired, and a dead-beat escapement whereby oscillations of relatively large amplitude are given to the balance.

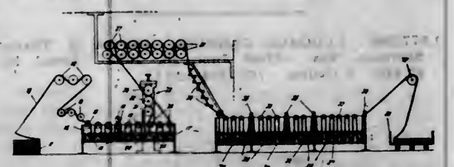
1,577,392. AUTOMATIC DIRECTION OF TRAVELING BODIES. ROBERT EDWARD STOPFORD VENABLES, London, England. Filed Dec. 9, 1920. Serial No. 429,571. 3 Claims. (Cl. 104—88.)

1. In a system of traveling bodies, wherein the transfer action to be performed on a body traveling in a set path is determined by an electric contact associated with said body touching another electric contact associated with the transfer action, a method of using the same contact associated with a body to cause different transfer actions on different occasions, which consists in associating with each such action one of a number of potential points in at least one electric supply circuit,



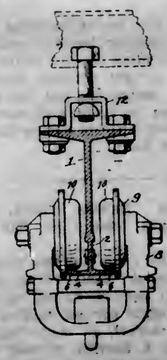
and in connecting the said contact on each occasion with the potential point thus associated with the action that is then desired to be caused.

1,577,393. APPARATUS FOR AND METHOD OF TREATING TEXTILES. FREDERICK BENEDICT VOEGELI, Easton, Pa. Filed Feb. 9, 1925. Serial No. 7,932. 8 Claims. (Cl. 8—20.)



5. The steps in the method of mercerizing textile goods consisting in subjecting the goods to hot caustic baths, squeezing and mangling the goods during such baths, and then cooling and stretching the goods.

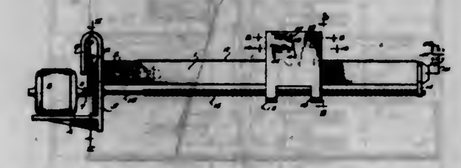
1,577,394. I-BEAM MONORAIL. WILLIAM G. WEBB, East Cleveland, Ohio, assignor to The Cleveland Crane and Engineering Company, Wickliffe, Ohio, a Corporation of Ohio. Filed July 6, 1925. Serial No. 41,594. 5 Claims. (Cl. 104—109.)



2. An I-beam monorail comprising a rolled T-bar of structural steel and a rolled T-rail having flanges of

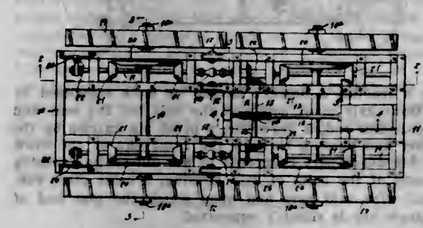
less width than the T-bar and having its web in the plane of the web of the first mentioned bar and secured thereto.

1,577,395. AUTOMATIC SCALE. HARVEY SIMONS WELCH, Jr., Charleston, S. C. Filed Sept. 28, 1925. Serial No. 59,188. 6 Claims. (Cl. 265—56.)



1. In a device of the character described, a beam, a weight automatically movable on said beam, an indicating gear train carried by said weight and adapted to be actuated by movement of the weight in either direction, and a totalising gear train carried by the weight and adapted to be actuated by movement thereof in one direction.

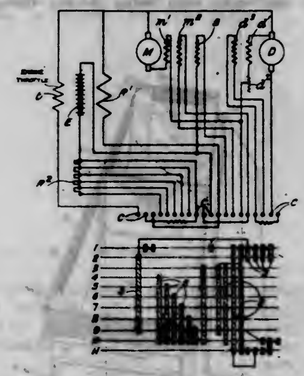
1,577,396. TRACTOR. CHARLES J. WHITE, Kurthwood, La. Filed Mar. 29, 1924. Serial No. 702,888. 1 Claim. (Cl. 180—17.)



A tractor having a frame, front and rear wheels, an axle on said frame for the front wheels, an axle on said frame for the rear wheels, a driving gear on each axle at each side of the frame, longitudinally disposed shafts one at each side of the frame, means operable to drive said shafts, means operable to slide said shafts longitudinally, and drive members on said shafts to coact with the first mentioned drive members through movement of the longitudinal shafts in both directions to control the direction of movement of the tractor, said longitudinally extending shaft having universal joints therein intermediate their ends, and said frame being in sections pivoted together on an axis substantially passing through the universal joint.

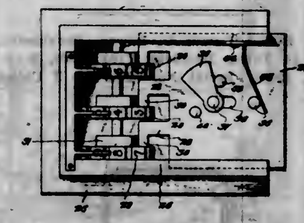
1,577,397. CONTROL OF VEHICLES PROVIDED WITH ELECTRICAL TRANSMISSION. HAROLD KENNETH WHITEHORN, Maidstone, England, assignor to Tilling-Stevens Motors Limited, Victoria Works, Maidstone, Kent, England. Filed Mar. 24, 1924. Serial No. 701,578. 11 Claims. (Cl. 172—179.)

5. In a vehicle transmission and braking system of the kind set forth, the combination of a motor adapted normally to drive the vehicle and at certain times to be driven thereby a number of turns of field winding adapted to excite the motor when driving, a further number of turns of field winding adapted to be connected in series with said first mentioned turns, and separate



exciting means to energize the combined windings to excite the motor to serve as a generator when being driven.

1,577,398. KEYLESS LOCK. MEADE WILDRICK and ALEXANDER GILCHRIST HATCH, Honolulu, Territory of Hawaii, assignors to W-H Keyless Lock Company, Limited. Filed Sept. 24, 1924. Serial No. 739,665. 3 Claims. (Cl. 70—53.)

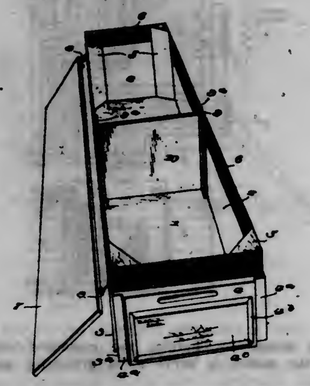


1. A lock comprising a locking member movable from an effective to an ineffective position, and vice versa, a plurality of permutation tumblers including parts lying in the paths of movement of parts of said locking member and preventing effective movement thereof except when set in a pre-determined relation, a manipulator movably mounted in said lock, and having a driving connection with said locking member whereby the latter may be moved from one of its two position to the other when such movement is not obstructed by said tumblers, and a pair of stop elements, one on said manipulator and the other on said locking member, variably positioned by the movements of said parts, whereby said manipulator is limited in its permissible movement by said stops when said locking member is in one of its two positions but is not affected by said stops when said member is in the other of its two positions.

1,577,399. SHIPPING CRATE. RAYMOND LEE WILLIAMS, San Francisco, Calif. Filed Apr. 8, 1925. Serial No. 21,582. 7 Claims. (Cl. 217—45.)

5. A ventilated receptacle for shipping baby chicks comprising a bottom and upright side walls, upright supports projecting above the upper edge of said side walls and spaced inwardly from the outer surface of said side wall, wire netting extending between adjacent supports,

a lid resting on and supported by the upper ends of said supports, and fastening means for said lid at opposite edges thereof secured to said supports and to said lid and spaced inwardly from the outer faces of the side walls, the side walls each being thicker through the



major portion than at their end portions whereby the major portion projects beyond the end portion and ventilation is provided along the end edge portions when receptacles of similar type are stacked one upon the other and alongside of each other.

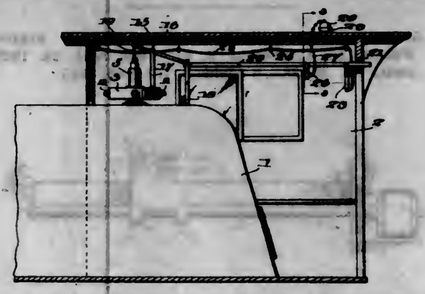
1,577,400. BOX. LEWIS D. YOUNG, Providence, R. I., assignor to Young Brothers, Providence, R. I. Filed July 24, 1924. Serial No. 727,916. 3 Caims. (Cl. 217—5.)



1. In a box, a body including an open base having sides and ends the corners of which are extended downwardly to form supporting feet of approximately L-shape, a tray having a bottom, sides and ends arranged in the base and with its bottom substantially flush with the lower edges of the sides and ends of the base so as to form a bottom for the latter, the upper parts of the tray sides and ends extending above the base sides and ends to form cover engaging flanges, a cover, a flexible hinge strip secured at one side to the outer face of the rear side of the cover and at its opposite side between the rear sides of the tray and base, and finishing strips secured to the body and cover and extending on opposite sides of the hinge strip to conceal the latter.

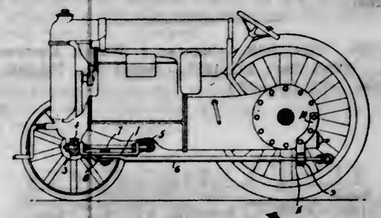
1,577,401. SAFETY DEVICE FOR LOCOMOTIVES. HENRY R. WILLIAMSON, Atlanta, Ga. Filed Mar. 29, 1924. Serial No. 702,908. 4 Claims. (Cl. 137—140.)

2. The combination with the steam distributing box or turret of a locomotive, of a valve for controlling the supply of steam to said box, means constantly tending to close said valve, restraining means for normally holding said valve open, a rock shaft extending longitudinally



of the locomotive cab for releasing said restraining means, and independent manual and automatic means for operating said rock shaft.

1,577,402. TRACTOR HITCH. JAMES M. WRAY and VINTON P. WRAY, Yakima, Wash. Filed Mar. 20, 1925. Serial No. 17,036. 1 Claim. (Cl. 280—33.12.)



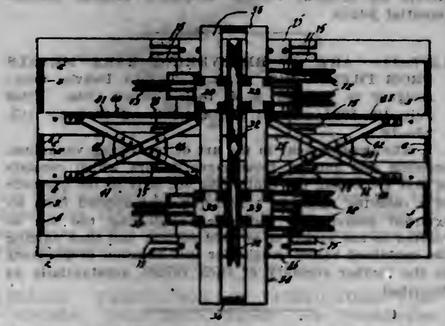
In a tractor, a bracket having its ends supported by the front axle pivot bolt and the bolt for the rear end of the radius rod, a draw bar, a pivot pin carried by the bracket and passing through the front end of the draw bar, dependent bars connected to the differential housing by some of the bolts of said housing, a cross piece connected with said bars and upon which the rear end of the draw bar is slidably supported.

1,577,403. WIRE-LINE GUARD FOR TRAVELING BLOCKS. EDWARD TIMBS, Los Angeles, and LEWIS E. ZEASS, Moneta, Calif., assignors to Union Tool Company, Torrance, Calif., a Corporation of California. Filed Jan. 14, 1924. Serial No. 686,093. 6 Claims. (Cl. 254—197.)



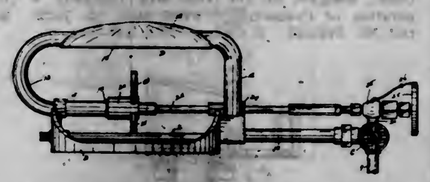
1. A traveling block comprising a frame, a plurality of sheaves rotatably carried by the frame, and guards for the sheaves hooked at one end to the frame and clamped together at the other end.

1,577,404. CROWN-BLOCK CONSTRUCTION. LEWIS E. ZEASS, Moneta, and EDWARD TIMBS, Los Angeles, Calif., assignors to Union Tool Company, Torrance, Calif., a Corporation of California. Filed May 17, 1924. Serial No. 713,991. 10 Claims. (Cl. 254—190.)



8. In a crown-block construction, the combination of a base having four horizontal I-beams, spacing blocks disposed between the webs of said beams, tie-bolts connecting the pairs of the said beams, and tie-bolts passing completely through all of the said beams and securing the same together, a plurality of brackets seated on and secured to the upper flanges of the said beams and consisting of I-beams with their webs cut so that the upper flanges of the brackets are longer than their lower flanges and form a pedestal seat, casing sheaves disposed on each side of the brackets and having parallel shafts extending at right angles to the first named beams, boxes carrying said shafts supported on the first named beams, a pedestal seated on the upper flanges of the brackets, said pedestal having a pair of separated I-beams with distance blocks therebetween, tie bolts connecting the last named I-beams through the last named distance blocks, removable bolts for securing the flanges of the pedestal I-beams to the flanges of the brackets, and diagonal braces secured to the webs of the pedestal I-beams and secured at their lower ends to the flanges of the base beams.

1,577,405. OIL BURNER. MITCHELL CARTER, Salt Lake City, Utah, assignor to Thermic Generating Company, a Corporation of Utah. Filed Sept. 10, 1924. Serial No. 736,939. 3 Claims. (Cl. 158—53.)



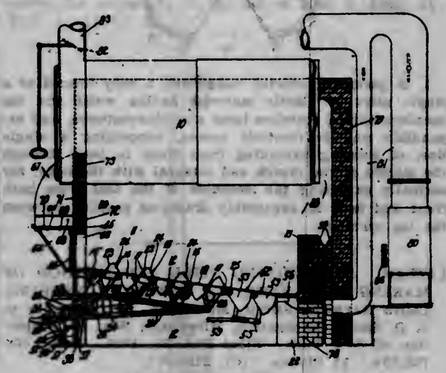
3. An oil burner comprising a hollow circular generator having spaced apart concavo-convex top and bottom with the concave side of both turned in the same direction and toward the flame jets; means to supply oil to said generator; a curved gas pipe to allow gas to flow from said generator; a frusto-conical valve nozzle secured on the end of said gas pipe and having an exit port in its side wall; a rotatable casing conforming to the exterior surface of said valve nozzle; one or more flame jets therein of different lengths and sizes, each adapted to be brought into alignment with the port in said valve nozzle and to direct a flow of gas toward the under face of said generator; and means to regulate the flow of oil into said generator.

1,577,406. TOILET PACKET. WILLIAM FRIEDMAN, New York, N. Y., assignor to John W. Arnold, Dan H. Arnold, Adelaide F. Arnold, and Mildred C. Arnold, Copartners doing business as F. R. Arnold & Company, New York, N. Y. Filed Nov. 5, 1925. Serial No. 66,983. 6 Claims. (Cl. 132—78.5.)



1. A unitary article of manufacture comprising a subdivided strip of units bearing toilet-preparation and adapted for individual use by tearing the individual units from the strips, and a protective covering for said strip.

1,577,407. FURNACE. VASIL MACKAY, Boston, Mass., assignor to Neemes Foundry, Inc., Troy, N. Y., a Corporation of New York. Filed Aug. 30, 1915, Serial No. 47,047. Renewed May 26, 1923. 6 Claims. (Cl. 110—39.)

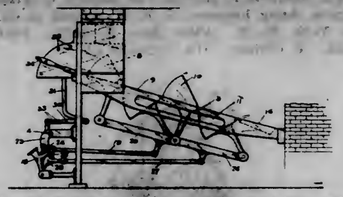


4. A furnace embodying plural series of fuel feeding grate bars mounted to swing upwardly on axes in proximity to their rear edges, the bars of one series being alternated with the bars of the other series, means for operating the bars of each series upwardly to feed the fuel onto the bars of the other series and toward the rear of the furnace in combination with means at the back of the furnace for arresting the rearward movement of the fuel, a grate bar section located forwardly of said fuel arresting means pivotally mounted on an axis in proximity to one edge to swing downwardly for dumping the fuel, ashes and clinker fed thereon by the first mentioned grate bars, manual operating means for said last mentioned grate section, releasable locking means for holding said section against downward movement, due to the weight of material fed thereon, and manually and mechanically operated mechanisms for actuating the grate bars.

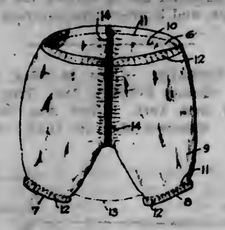
1,577,408. STOKER. VASIL MACKAY, Washington, D. C. Filed Nov. 12, 1921, Serial No. 514,752. Renewed Sept. 17, 1925. 14 Claims. (Cl. 110—30.)

1. A stoker including rocking feeding bars, means for

operating the bars mechanically, and means for operating the bars manually, the operability of the manual operating means being dependent upon the angular position of the mechanical operating means.

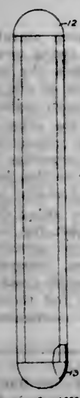


1,577,409. GARMENT PROTECTOR. LE ROY H. RAND, Brooklyn, N. Y., assignor to Brooklyn Shield & Rubber Company, Brooklyn, N. Y., a Corporation of New York. Filed Jan. 12, 1923. Serial No. 612,216. 5 Claims. (Cl. 128—288.)



1. A garment-protector comprising a body formed of a single piece of elastic material having waist and leg openings with a seamless loose seat therebetween, and expandible and contractible means, comprising a single line, of shirring extending from front to back through the middle of the crotch and integral with the body, for normally gathering the looseness of the seat from both front and back in expansibly drawn-up position between the leg openings.

1,577,410. OIL-REFINING STILL AND METHOD OF MAKING THE SAME BY ELECTRIC WELDING. LLOYD RAYMOND SMITH, Milwaukee, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a Corporation of New York. Filed Dec. 31, 1924. Serial No. 758,994. 11 Claims. (Cl. 219—8.)

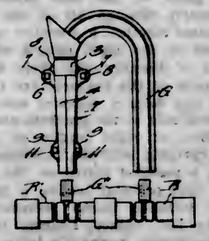


7. In the manufacture of stills of extreme dimensions for use in oil distillation, the method which comprises the steps of converting thick plates having a length many times their width into longitudinal trough-like sections with edges reduced in thickness to form a welding groove, assembling such sections in circular order with their edges in register, and fusing the said edges by playing an electric arc in the welding groove to constitute an integral tubular structure without circumferential joints.

1,577,411. ART OF RECOVERING RARE METALS FROM THEIR ORES. KARL B. THEWS, Denver, Colo., assignor to William A. J. Bell, Denver, Colo. Filed July 12, 1924. Serial No. 484,198. 6 Claims. (Cl. 23—16.)

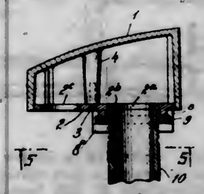
1. The improvement in the art of recovering vanadium, uranium and radium from carnotite ore which consists in first subjecting the containing ore body in the presence of a reducing agent to a reducing heat applied from an external source and thereafter subjecting the ore so roasted to the action of an acid solvent and thus putting the contained values sought for into solution preparatory to the further recovery of such values, substantially as described.

1,577,412. REPEATER TERMINAL FOR ROLLING MILLS. GEORGE W. WEIMER, Girard, Ohio. Filed Jan. 30, 1923. Serial No. 615,893. 6 Claims. (Cl. 80—52.)



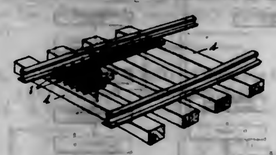
1. A terminal for the work returning guide of a strip rolling mill, comprising an elongated laterally expansible work receiving and straightening guide, closed at its sides and open at its ends, the interior of said guide decreasing in cross sectional area from its inlet to its outlet end and being helically formed to straighten the strip if twisted in the work returning guide.

1,577,413. FIXTURE. JOSEPH A. VOLK, JR., Norwalk, Conn., assignor to The Veco Mfg. Company, a Corporation of Connecticut. Filed Mar. 22, 1922. Serial No. 545,823. 4 Claims. (Cl. 247—6.)



2. In a fixture usable with conduits, the combination of a member of said fixture provided with a hole adapted to receive the screw-threaded end of a conduit, and lugs on said fixture member at opposite sides of the hole therethrough, said lugs being provided at their free end with inwardly directed ledges, said lugs being adapted to receive between them a nut on the threaded end of a conduit that is too large to enter said hole, and said ledges being adapted to receive the end thrust of said nut when its conduit is screwed endwise against the fixture member.

1,577,414. CATTLE GUARD. HARLEY R. SMILEY, Kalamazoo, Mich., assignor to Cook Standard Tool Company, Kalamazoo, Mich. Filed Aug. 3, 1925. Serial No. 47,824. 3 Claims. (Cl. 256—18.)

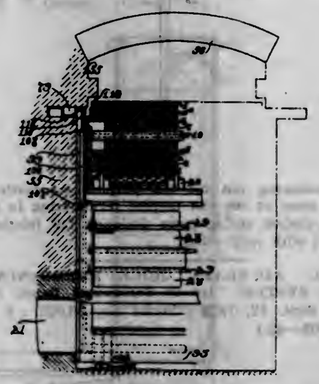


3. A cattle guard unit consisting of a pair of angle iron body members disposed in an opposed inwardly and downwardly facing spaced relation, and a plurality of cross bars having upstanding teeth mounted upon said body members.

1,577,415. PRODUCTION OF ACRIDINIUM COMPOUNDS. LOUIS BENDA, Mainkur, near Frankfort-on-the-Main, and OTTO SIEVERS, Fechenheim-on-the-Main, Germany. Original application filed Dec. 22, 1923, schaft mit beschränkter Haftung, a Corporation of Germany. Original application filed Dec. 22, 1923, Serial No. 682,305. Divided and this application filed Apr. 18, 1925. Serial No. 24,272. 4 Claims. (Cl. 260—36.)

3. As new substances hydroxy-10-alkylacridinium-compounds.

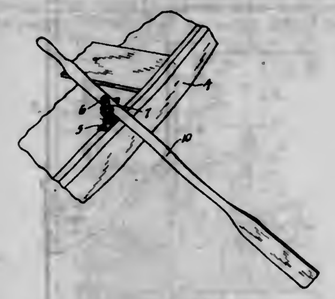
1,577,416. COMPRESSED-AIR FURNACE. ALFRED WILLIAM BENNIS, Bolton, England. Filed May 12, 1919. Serial No. 296,682. 14 Claims. (Cl. 110—40.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



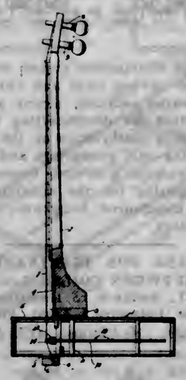
1. A furnace, comprising in combination a mechanical stoking device, including a movable grate, means to force air into the furnace at joints between movable parts and fixed parts to seal the furnace at such places.

1,577,417. OARLOCK. OLAF BERG, St. Paul, Minn. Filed Sept. 27, 1924. Serial No. 740,251. 6 Claims. (Cl. 9—24.)

1. In an oarlock, the combination with an oar having a bearing extending transversely of its axis at its fulcrum point, of a substantially vertical pintle secured to the gunwale of a boat, a hub member journaled for horizontal pivotal motion on said pintle, and a substantially horizontal pin rigidly secured to said hub member adapted to pass through the bearing in said oar and be secured thereto to permit vertical pivotal motion of said oar thereon.



1,577,418. MUSICAL INSTRUMENT. SHERMAN CLUBB, Olathe, Colo. Filed Jan. 29, 1924. Serial No. 689,324. 3 Claims. (Cl. 84—268.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)

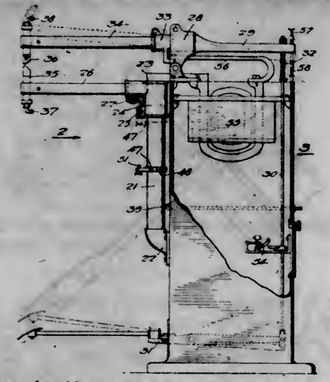


1. A musical instrument of the mandolin type comprising a body having holes in both its top and bottom, string supporting means on the bottom adjacent the hole therein, a neck connected with the front face of the body and extending at an angle from the body, pegs carried by the neck and strings passing over the neck and through the holes in the body and having their ends connected with the string support and the pegs.

1,577,419. ELECTRIC SPOT-WELDING MACHINE. FRANK M. CUSHING and WILLIAM L. B. CUSHING, Los Angeles, Calif. Filed Mar. 12, 1923. Serial No. 624,415. 7 Claims. (Cl. 219—4.)

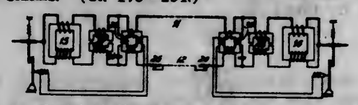
1. An electric spot welding machine comprising a fulcrumed arm and an arm spaced relative thereto and adapted to swing laterally, means clamping said arms but adapted to permit the rotation of said arms upon their own axes, means to limit the movement of the

swinging movement to position the extremities in operative relation to each other, electrodes carried at the ex-



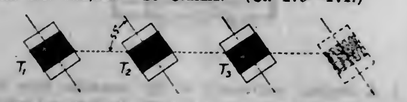
tremities of said arms, and manual means for moving said arms into operative relation.

1,577,420. DEVICE FOR AUTOMATICALLY CUTTING OUT DEFECTIVE SECTIONS IN ELECTRIC-DISTRIBUTION NETWORKS. ROBERT DEUBNER, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, New York, N. Y., a Corporation. Filed Feb. 27, 1925. Serial No. 12,051. 2 Claims. (Cl. 175—294.)



1. An electrical distribution system comprising a split-conductor section having main and auxiliary conductors arranged in parallel relation, means arranged at each end of said section for disconnecting the section upon the occurrence of a disturbance of the normal ratio of currents traversing said conductors and means including inductive and condensive devices connected to the section for compensating for the unbalancing of currents resulting from unbalanced inductance and capacity in the said conductors.

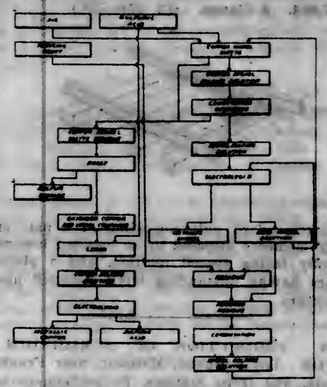
1,577,421. MEANS FOR ELIMINATING MAGNETIC COUPLING BETWEEN COILS. LOUIS A. HAZELTINE, Hoboken, N. J., assignor to Hazeltine Corporation, a Corporation of Delaware. Filed Apr. 7, 1924. Serial No. 704,629. 10 Claims. (Cl. 179—171.)



1. In an electric coil system comprising a plurality of coils whose length is approximately two-thirds the diameter, the method of eliminating undesirable magnetic coupling between the coils thereof, which comprises arranging said coils with their axes parallel and with their centers on the same straight line and disposing each of said axes at an angle of approximately 55 degrees to the line of centers of said coils, whereby substantially no magnetic flux produced by the electric current in any of said coils is linked with any other of said coils.

1,577,422. REFINING COPPER-NICKEL MATTE, ETC. NOAK VICTOR HYBINETTE, Ottawa, Ontario, Canada, assignor, by mesne assignments, to Anglo-Canadian Mining and Refining Company, Limited. Filed Jan. 18, 1921. Serial No. 437,021. 10 Claims. (Cl. 204—57.)

1. The method of utilizing bessemerized copper-nickel matte which comprises cementing copper thereon from a copper-nickel sulfate solution, roasting the remaining matte and cement copper, leaching the roasted material with sulfuric acid to form a copper sulfate solution, re-



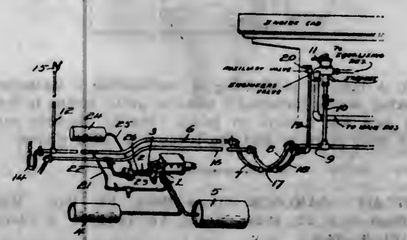
ducing the leached residue, dissolving the reduced material to form a copper-nickel solution and cementing copper from such solution upon a further amount of bessemerized matte.

1,577,423. CLEANING ROD. HENDRIK D. MUGAAS, near Norma, N. Dak. Filed Oct. 12, 1925. Serial No. 62,125. 3 Claims. (Cl. 42—91.)



1. A cleaning rod for the purpose set forth having parallel arms at one end thereof terminating in substantially U-shaped spring jaws designed for frictional engagement with each other.

1,577,424. AIR-BRAKE QUICK EMERGENCY CONTROL SYSTEM. HENRY SCHMARGE, Belen, N. Mex. Filed Sept. 12, 1925. Serial No. 56,037. 6 Claims. (Cl. 303—42.)



1. An air brake system comprising in combination a triple valve, a main pipe line for supplying air under pressure to said triple valve, means secured to said triple valve for preventing undesired emergency operation thereof, an auxiliary pipe line for supplying air

under pressure to said means and a double acting valve interposed between said means and said auxiliary pipe line for securing local reduction in pressure in said means and in said auxiliary pipe line by propagation immediately upon positive reduction in pressure in said auxiliary pipe line for permitting emergency operation of said triple valve.

1,577,425. AUTOMOBILE BED. THEODORE G. SCHMEISER, Davis, Calif. Filed Sept. 25, 1924. Serial No. 739,814. 3 Claims. (Cl. 155—7.)

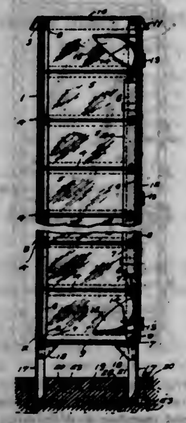


1. A method of converting a two-seated automobile body into a bed, which consists of disconnecting the front seat from its base, turning the seat backwardly through an arc of ninety degrees, and shifting it so that the upholstered back lies on the base of the front seat and serves to form one end of a bed, and disposing cushions between the rear seat and back of the front seat to complete the bed.

1,577,426. COMPOSITION AND PROCESS OF MAKING THE SAME. ALSONS G. SCHOLICH and GEORGE T. WRIGHT, Alton, Ill., assignors to Western Cartridge Company, East Alton, Ill., a Corporation of Delaware. Original application filed Feb. 25, 1924, Serial No. 695,098. Divided and this application filed Aug. 31, 1925. Serial No. 53,734. 7 Claims. (Cl. 87—12.)

1. The process consisting in heating China-wood oil at a temperature and for a period sufficient to form a jelly and quenching the same.

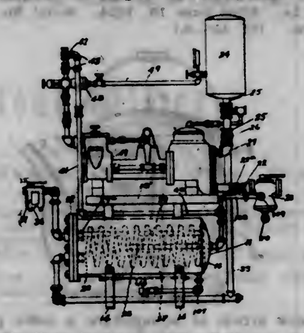
1,577,427. HIGHWAY MARKER. MORRIS H. SMITH, Shreveport, La. Filed June 23, 1925. Serial No. 39,080. 5 Claims. (Cl. 40—132.)



1. A highway marker comprising a metal frame, transparent panels secured to the front and sides of the metal frame, a door secured to the back of the metal frame, lamps carried by the inner side of the door, a top and bottom secured to the ends of the metal frame, and reflectors secured to the inner side of the door.

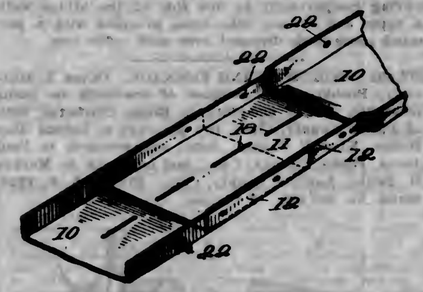
1,577,428. PUMPING, FILTERING, AND HEATING SYSTEM FOR OIL-BURNING PLANTS. EARLE I. STAPLES, New York, N. Y. Filed May 5, 1923. Serial No. 637,035. 3 Claims. (Cl. 158—36.)

1. An oil heating, pumping and filtering system comprising a pair of oil heaters, frames supporting said heaters in parallel relation to each other, a pan supported by said frames above said heaters, pumps rising from the pan and disposed in vertical alignment with the respective heaters, a horizontally disposed coil arranged in each heater and coiled from its inlet and having a straight portion extending to its outlet, means for caus-



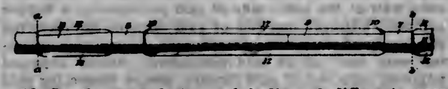
ing filtered oil to be delivered to the pumps and then discharged to said coils and a filter connected with said coils to receive the heated oil therefrom and for causing said oil as it leaves the filter to pass to the burner line of a heating plant, means for delivering steam to the central portion of said heaters to serve as a heating agent for the oil flowing through said coils.

1,577,429. FORM FOR CONCRETE CONSTRUCTION. HEWITT WELLS, Washington, D. C., assignor to Washington Steel Form Company, Washington, D. C., a Corporation of the District of Columbia. Filed Nov. 2, 1925. Serial No. 66,252. 15 Claims. (Cl. 25—131.)



1. A form for concrete construction comprising a metal plate having its sides bent downwardly, said plate having the sides thereof at one end extending inwardly for reducing the width of the plate to permit overlapping of the plate with the next adjacent plate.

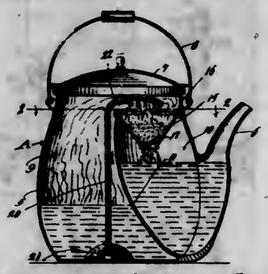
1,577,430. DIE-ROLLED ARTICLE AND METHOD OF MAKING THE SAME. WILLIAM P. WITHEROW, Pittsburgh, Pa., assignor to Witherow Steel Company, a Corporation of Pennsylvania. Filed Jan. 20, 1922. Serial No. 530,640. 11 Claims. (Cl. 80—30.)



10. In the manufacture of bodies of different cross section and at least in part of substantially circular cross section, the steps consisting in forming a leader having a major axis and a minor axis with its major axis larger than the largest portion of the body to be finished therefrom, supplying the leader to a die rolling mill in such manner that the direction of compression of the leader in the mill is along a cross sectional dimension of the leader, and die rolling the leader to form a series of

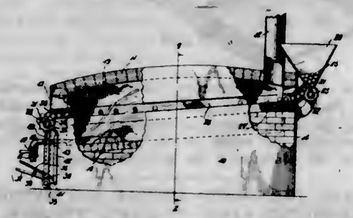
similarly connected blanks, each of the several blanks having a varying cross sectional area along its length but of substantially circular cross section throughout a portion thereof, and then severing the blanks.

1,577,431. COFFEEPOT. ROBERT W. HAGEL, New Orleans, La. Filed June 19, 1924. Serial No. 721,086. 1 Claim. (Cl. 53—3.)



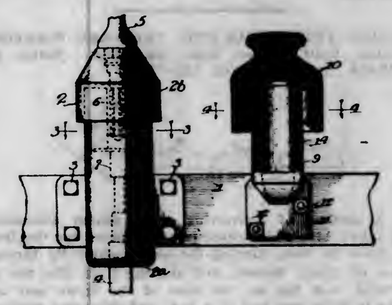
As a new article of manufacture, a coffee percolator comprising a body having an upper open end, a cover detachably connected with the open end of the body, one side of the body being provided with a pointed spout, an arcuate bridge wall extending across the body and connected with the opposite sides thereof and terminating short of the upper edge of the body and extending to the lower wall of the body and enclosing said spout, said bridge wall defining a main water receiving compartment and a made coffee receiving compartment, an inverted substantially frusto-conical shaped ground coffee receiving cup disposed in the upper end of said made coffee compartment, and a percolator tube having an enlarged base detachably fitted within the main water receiving compartment at one side of the bridge wall, the upper end of said tube being provided with a perforated goose neck disposed over said coffee cup.

1,577,432. BOLT-HEATING FURNACE. CLYDE T. MULVANY, Pueblo, Colo., assignor of one-tenth to Rufus Lowrance, and of one-tenth to Elmer Clatfelter, both of Pueblo County, Colo., two per cent to Lorena May Belian, Kimball County, Nebr., one-twentieth to Paul Jones, Pueblo County, Colo., and one-tenth to Markus H. Belian, Larimer County, Colo. Filed Feb. 9, 1924. Serial No. 691,639. 3 Claims. (Cl. 263—6.)



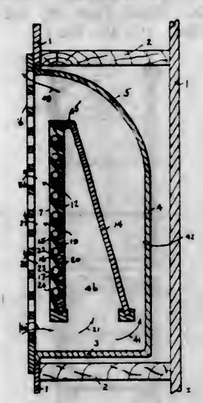
2. In a bolt heating furnace, a fire box, a baffle in said fire box for spreading the flame throughout the same, one side wall of said furnace being formed with an inclined passageway, a water jacket arranged in the furnace wall at the lower side of said passageway, a hopper arranged adjacent one end of said furnace for receiving the supply of stock to be heated, said hopper communicating with one end of said passageway, shafts arranged adjacent each end of said furnace, means connecting said shafts for simultaneous rotation, sprocket wheels arranged on said shafts, the sprocket wheel on the shaft adjacent said hopper controlling the passage of the stock from said hopper into said passageway, the sprocket wheels on the other side of said shafts controlling the discharge of said stock from the discharge end of said passageway and means for rotating said sprocket wheels.

1,577,433. PROTECTIVE DEVICE FOR USE IN CONNECTION WITH POTHEADS AND SIMILAR STRUCTURES. PAUL F. WILLIAMS, Chicago, Ill., assignor to G. & W. Electric Specialty Co., Chicago, Ill., a Corporation of Illinois. Filed Aug. 10, 1917. Serial No. 185,454. 1 Claim. (Cl. 173—353.)



The combination with a pothead device consisting of a body and a cap to be mounted thereon, a dummy device provided with a cap adapted to fit upon the upper end of the pothead body when the pothead cap is removed, and a body on which said pothead cap may be mounted, and means for mounting said pothead and dummy devices near one another.

1,577,434. ELECTRIC-RADIANT-HEATER STRUCTURE. ARTHUR KEMPSTON and GEORGE J. HENRY, San Francisco, Calif., assignors to Majestic Electric Appliance Co., San Francisco, Calif., a Corporation of California. Filed Sept. 8, 1925. Serial No. 54,911. 3 Claims. (Cl. 219—34.)



3. In an electric heater, a refractory member, with an electric resistance mounted on said member, a diaphragm to the rear of said member and forming therewith an air passage closed at the top and open at the bottom, a plurality of smaller ducts opening from said air passage and through said member and adapted to heat air currents passing therethrough and to discharge said currents in front of said member in combination with an enclosing casing having an open grille work spaced from and in front of the member, a back spaced from said diaphragm whereby air is adapted to circulate between the said back and the member and a discharge passage for said last mentioned air above the member and diaphragm and through the grille.

THE
OFFICIAL GAZETTE
OF THE
United States Patent Office.

Vol. 344—No. 4. TUESDAY, MARCH 23, 1926. Price—$5 per year.

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Patents	813—No.	1,577,435 to No.	1,578,246, inclusive.
Total	1,215		

Disbarment of Attorneys—Appeals—Amendment to the Rules.

SUPREME COURT OF THE DISTRICT OF COLUMBIA.

Chambers of the Chief Justice.

THE COMMISSIONER OF PATENTS,
Patent Office, Washington, D. C.

DEAR MR. COMMISSIONER: An order has been signed to-day amending the rules relating to appeals to this court from your decisions in regard to attorneys practicing before your Office (320 O. G. 1) by adding to the first section of the rule an unnumbered paragraph as follows:

The time for doing any of the foregoing acts may be reasonably extended by order of the court for good cause shown upon motion in writing, notice of the presentation of which with a copy thereof shall be served upon the Commissioner of Patents not less than two days before the time set for its submission to the court.

This amendment will become effective 30 days from to-day.

Very truly yours,

WALTER I. McCOY,
Chief Justice.

March 6, 1926.

Notice.

Classification Bulletin No. 55, containing changes in classification from July 1, 1925, to December 31, 1925, is now on sale for 10 cents per copy at the Patent Office.

Interference Notices.

U. S. PATENT OFFICE, *Washington, Mar. 10, 1926.*

Archie W. Tipps, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Josie B. Sample, of Eudora, Ark., for registration of a trade-mark and trade-mark registered February 27, 1923, No. 164,916, to Archie W. Tipps, 3211 Thomas Avenue, Dallas, Tex., and a notice of such declaration sent by registered mail to said Archie W. Tipps at the said address having been returned by the post-office authorities as undeliverable, notice is hereby given that unless said Archie W. Tipps, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN, *First Assistant Commissioner.*

U. S. PATENT OFFICE, *Washington, Mar. 4, 1926.*

John Densley, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application for patent of Enos Ashley, 88 Oliver Avenue north, Minneapolis, Minn., and John Densley, 89 South Thirteenth Street, Minneapolis, Minn., and a notice of such declaration sent by registered mail to said John Densley at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said John Densley, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, *Washington, Mar. 5, 1926.*

Tennessee Packing & Provision Company, its assigns or legal representatives, take notice:

An interference having been declared by this Office between the applications of Wagner & Company, 4123–29 West Grand Avenue, Chicago, Ill., and Neuhoff Packing Company, Nashville, Tenn., for registrations of trade-marks and trade-marks registered March 7, 1905, No. 44,290, and June 11, 1907, No. 63,296, to Tennessee Packing & Provision Company, Nashville, Tenn., and a notice of such declaration sent by registered mail to said Tennessee Packing & Provision Company at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Tennessee Packing & Provision Company, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

Condition of Applications Under Examination at Close of Business March 12, 1926.

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 40,925; Trade-Mark Division, 1,906. Oldest new case, Aug. 7, 1925; oldest amended, Sept. 10, 1925. The dates given are 1925 except where † indicates 1926.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Harrows and Diggers; Plant Husbandry; Plows; Planting; Scattering Unloaders.	Dec. 26	Dec. 31	574
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Nov. 23	Nov. 12	586
331	3. RICH, WM. J., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 27	Dec. 1	962
234	4. MERRITT, A. D., Conveyers, Chutes, Skids, Guides, and Ways; Conveyers, Fluid Current; Conveyers, Power Driven; Excavating; Handling—Hand and Hoist-Line Implements; Material or Article Handling; Pushing and Pulling Implements; Traversing Hoists.	Dec. 19	Dec. 31	518
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording and Reproducing; Tying Cords or Strands.	Oct. 15	Oct. 16	847
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Hides, Skins and Leather; Sugar and Starch; Concentrating Evaporators.	Nov. 25	Nov. 7	1,107
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography	Dec. 24	Dec. 18	794
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	Dec. 23	Dec. 25	1,013
221	9. TRYON, F. M., Air and Gas Pumps; Hydraulic Motors; Injectors and Ejectors; Motors, Fluid; Motors, Fluid Current; Pumps.	Dec. 7	Oct. 27	527
118	10. HUNTER, O. F. (Acting), Motor Vehicles; Land Vehicles—Animal Draft Appliances, Bodies and Tops, Dumping.	Nov. 27	Nov. 28	956
148*	11. ARMSTRONG, H. C., Boot and Shoe Making; Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whips and Whip Apparatus; Cutting and Punching Sheets and Bars; Driven, Headed, and Screw-Threaded Fastenings.	Dec. 22	Dec. 24	711
380	12. PIERCE, P. P., Machine Elements	Dec. 12	Dec. 16	632
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning.	Dec. 18	†Jan. 12	597
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Nov. 18	Dec. 4	898
320	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	Dec. 24	†Jan. 2	574
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Nov. 25	Dec. 2	900
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Dec. 5	Nov. 30	396
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Nov. 3	Nov. 2	806
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Nov. 20	†Jan. 2	524
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches, Safes, Undertaking.	Dec. 21	Dec. 22	727
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Dec. 17	Dec. 19	480
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms; Ordnance; Ammunition and Explosive Devices; Ammunition and Explosive-Charge Making; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Dec. 16	Dec. 24	544
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Nov. 3	Oct. 29	264
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Dec. 24	†Jan. 6	464
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	Dec. 17	Dec. 17	802
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Sept. 26	Oct. 6	762
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	†Jan. 13	†Jan. 11	582
225	28. BENSON, A. R., Internal-Combustion Engines	†Jan. 6	†Jan. 9	707
160*	29. MORRIS, B. N., Abrading; Boring and Drilling; Button Making; Chucks or Sockets; Coopering; Tool-Handle Fastenings; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Aug. 7	Sept. 10	1,122
248	30. SULLIVAN, M. R., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Dec. 12	Dec. 31	798
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils: Oils, Fats, and Glue.	†Jan. 18	†Jan. 16	714
249	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Nov. 16	Nov. 30	588
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	†Jan. 14	†Jan. 13	649
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways; Railway Rolling Stock; Railway Switches and Signals; Railways, Surface Track; Railway Wheels and Axles; Store Service; Track Sanders; Vehicle Fenders.	Oct. 10	Oct. 1	673
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	Dec. 31	†Jan. 20	547
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Nov. 25	Dec. 14	1,025
224*	37. TAYLOR, E. C., Electricity, Circuit Makers and Breakers	Dec. 5	Dec. 4	917
145	38. IDE, G. R., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Oct. 10	Oct. 19	842
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Dec. 30	†Jan. 4	468
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Cloth, Leather, and Rubber Receptacles; Deposit and Collection Receptacles; Metallic Receptacles; Package and Article Carriers; Paper Receptacles; Special Receptacles and Packages; Wooden Receptacles.	Dec. 1	Dec. 4	1,040
125	41. BROWN, J. I., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Dec. 17	Dec. 9	416
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Nov. 27	Nov. 27	1,061
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Nov. 23	Dec. 8	830
253	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Sept. 30	Sept. 22	888
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	Dec. 10	Dec. 7	518
233	46. WOLCOTT, C. L., Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Dec. 1	Dec. 3	645
264	47. BARKER, H., Brakes; Clutches and Power-Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Nov. 21	Nov. 24	1,133
213*	48. ROEPKE, O. B., Electricity, Conductors; Electricity, General Applications	Oct. 5	Oct. 6	1,664
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Pneumatics; Velocipedes; Driers; Liquid Separation or Purification	Dec. 22	Dec. 22	566
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Nov. 3	Nov. 4	1,186
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission; Electric Lamps	Nov. 6	Oct. 21	1,751
144	52. MORGAN, E. T., Supports; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings.	Dec. 28	Dec. 24	618
241*	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	Dec. 31	†Jan. 2	732
102	DESIGNS: C. O. MARKHAM (Acting)	†Feb. 19	†Feb. 19	330
163	TRADE-MARKS, LABELS, AND PRINTS: T. L. MEAD, Jr. {Trade-Marks	†Feb. 6	†Feb. 23	1,994
	{Labels and Prints	†Feb. 13	†Feb. 26	102

*Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Supreme Court of the United States.

THE ALEXANDER MILBURN COMPANY *v.* DAVIS-BOURNONVILLE COMPANY

Decided March 8, 1926.

1. ANTICIPATION—PRIOR INVENTION—PATENT TO ANOTHER BASED ON PRIOR BUT COPENDING APPLICATION AND DISCLOSING BUT NOT CLAIMING THE INVENTION.

Where W. obtained a patent on an application filed during the pendency of an application filed by C., and C.'s application resulted in a patent which completely disclosed but did not claim the invention claimed by W., and there was no evidence carrying W.'s invention back of C.'s filing date, *Held* that W.'s patent was not valid, because W. was not the first inventor of the thing patented.

2. SAME—WRITTEN DESCRIPTION OF INVENTION NOT COMMUNICATED TO ANYONE NOT A BAR.

In view of the gain to the public that the patent laws mean to secure the Court assumed for the purposes of decision that it would have been no bar to W.'s patent if C. had written out his prior description and kept it in his portfolio uncommunicated to anyone.

3. ABANDONED APPLICATIONS—DISREGARD OF BY PATENT OFFICE IN ASCERTAINING STATE OF PRIOR ART.

As an empirical rule the disregard of abandoned applications by the Patent Office in ascertaining the state of the prior art is no doubt convenient, if not necessary, and the Court is not disposed to disturb it; but it cannot be taken to establish a principle beyond the rule as actually applied.

On a writ of certiorari to the United States Circuit Court of Appeals for the Second Circuit.

Mr. James A. Watson for the Alexander Milburn Company.

Messrs. Pennie, Davis, Marvin & Edmonds for Davis-Bournonville Company.

Mr. Thomas Ewing filed a brief as amicus curiæ.

Mr. Solicitor General William D. Mitchell, Mr. Harry E. Knight, and *Mr. John W. Loveland,* Special Assistants to the Attorney General, filed a brief on behalf of the United States as amicus curiæ.

Mr. Justice HOLMES delivered the opinion of the Court.

[1] This is a suit for the infringement of the plaintiff's patent for an improvement in welding and cutting apparatus alleged to have been the invention of one Whitford. The suit embraced other matters but this is the only one material here. The defense is that Whitford was not the first inventor of the thing patented, and the answer gives notice that to prove the invalidity of the patent evidence will be offered that one Clifford invented the thing, his patent being referred to and identified. The application for the plaintiff's patent was filed on March 4, 1911, and the patent was issued on June 4, 1912. There was no evidence carrying Whitford's invention farther back. Clifford's application was filed on January 31, 1911, before Whitford's, and his patent was issued on February 6, 1912. It is not disputed that this application gave a complete and adequate description of the thing patented to Whitford, but it did not claim it. The district court gave the plaintiff a decree, holding that while Clifford might have added this claim to his application, yet as he did not, he was not a prior inventor. 297 Fed. Rep. 846. The decree was affirmed by the circuit court of appeals. 1 Fed. (2d) 227. There is a conflict between this decision and those of other circuit courts of appeal, especially the sixth. *Lemley* v. *Dobson-Evans Co.*, 246 O. G. 1203; 243 Fed. Rep. 391; *Naceskid Service Chain Co.* v. *Perdue*, 1 Fed. (2d) 924. Therefore a writ of certiorari was granted by this Court. 266 U. S. 596.

[2] The patent law authorizes a person who has invented an improvement like the present, "not known or used by others in this country, before his invention", etc., to obtain a patent for it. Rev. Stats. sec. 4886, amended, March 3, 1897, c. 391, sec. 1, 29 Stat. 692. Among the defenses to a suit for infringement the fourth specified by the statute is that the patentee "was not the original and first inventor or discoverer of any material and substantial part of the thing patented." Rev. Stats. sec. 4920, amended, March 3, 1897, c. 391, sec. 2, 29 Stat. 692. Taking these words in their natural sense as they would be read by the common man, obviously one is not the first inventor if, as was the case here, somebody else has made a complete and adequate description of the thing claimed before the earliest moment to which the alleged inventor can carry his invention back. But the words cannot be taken quite so simply. In view of the gain to the public that the patent laws mean to secure we assume for purposes of decision that it would have been no bar to Whitford's patent if Clifford had written out his prior description and kept it in his portfolio uncommunicated to anyone. More than that, since the decision in the case of *The Corn planter Patent*, 23 Wall 181, it is said, at all events for many years, the Patent Office has made no search among abandoned patents, and by the words of the statute a previous foreign invention does not invalidate a patent granted here if it has not been patented or described in a printed publication. Rev. Stats. sec. 4923. See *Westinghouse Machine Co.* v. *General Electric Co.*, 196 O. G. 276; 207 Fed. Rep. 75. These analogies prevailed in the minds of the courts below.

On the other hand publication in a periodical is a bar. This as it seems to us is more than an arbitrary enactment, and illustrates, as does the rule concerning previous public use, the principle that,

subject to the exceptions mentioned, one really must be the first inventor in order to be entitled to a patent. *Coffin* v. *Ogden*, 18 Wall. 120. We understand the circuit court of appeals to admit that if Whitford had not applied for his patent until after the issue to Clifford, the disclosure by the latter would have had the same effect as the publication of the same words in a periodical, although not made the basis of a claim. 1 Fed. (2d) 233. The invention is made public property as much in the one case as in the other. But if this be true, as we think that it is, it seems to us that a sound distinction cannot be taken between that case and a patent applied for before but not granted until after a second patent is sought. The delays of the Patent Office ought not to cut down the effect of what has been done. The description shows that Whitford was not the first inventor. Clifford had done all that he could do to make his description public. He had taken steps that would make it public as soon as the Patent Office did its work, although, of course, amendments might be required of him before the end could be reached. We see no reason in the words or policy of the law for allowing Whitford to profit by the delay and make himself out to be the first inventor when he was not so in fact, when Clifford had shown knowledge inconsistent with the allowance, of Whitford's claim. [*Webster*] *Loom Co.* v. *Higgins*, 21 O. G. 2031; 105 U. S. 580, and when otherwise the publication of his patent would abandon the thing described to the public unless it already was old. *McClain* v. *Ortmayer*, 57 O. G. 1129; 141 U. S. 419, 424. *Underwood* v. *Gerber*, 63 O. G. 1063; 149 U. S. 224, 230.

The question is not whether Clifford showed himself by the description to be the first inventor. By putting it in that form it is comparatively easy to take the next step and say that he is not an inventor in the sense of the statute unless he makes a claim. The question is whether Clifford's disclosure made it impossible for Whitford to claim the invention at a later date. The disclosure would have had the same effect as at present if Clifford had added to his description a statement that he did not claim the thing described because he abandoned it or because he believed it to be old. It is not necessary to show who did invent the thing in order to show that Whitford did not.

It is said that without a claim the thing described is not reduced to practice. But this seems to us to rest on a false theory helped out by the fiction that by a claim it is reduced to practice. A new application and a claim may be based on the original description within two years, and the original priority established notwithstanding intervening claims. *Chapman* v. *Wintroath*, 272 O. G. 913; 252 U. S. 126, 137. A description that would bar a patent if printed in a perodical or in an issued patent is equally effective in an application so far as reduction to practice goes.

[3] As to the analogies relied upon below, the disregard of abandoned patents however explained can not be taken to establish a principle beyond the rule as actually applied. As an empirical rule it no doubt is convenient if not necessary to the Patent Office, and we are not disposed to disturb it, although we infer that originally the practice of the Office was different. The policy of the statute as to foreign inventions obviously stands on its own footing and can not be applied to domestic affairs. The fundamental rule we repeat is that the patentee must be the first inventor. The qualifications in aid of a wish to encourage improvements or to avoid laborious investigations do not prevent the rule from applying here.

Decree reversed.

ADJUDICATED PATENTS.

(C. C. A. N. Y.) The Wagner & Malocsay patent, No. 920,698, for cigar-banding machine, claims 22 and 88 *Held* valid and infringed and claim 97 *Held* not infringed. *International Banding Mach. Co.* v. *American Bander Co.*, 9 F. (2d) 606.

(D. C. N. Y.) The Paridon and Palmer patent, No 1,042,472, for making match books, claims 18, 21, 22, and 26 *Held* valid, but not infringed. *Diamond Match Co.* v. *Sun Match Corporation*, 9 F. (2d) 695.

(C. C. A. N. Y.) The Malocsay patent, No. 1,261,832, for cigar-banding machine, claim 5 *Held* valid and infringed. *International Banding Mach. Co.* v. *American Bander Co.*, 9 F. (2d) 606.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

852,927. (See 902,567.)

902,567. R. F. Downey, Anticreeping device for rails (and 852,927, C. F. Clawson, Rail clip, included by answer Jan. 21, 1925), order of discontinuance Jan. 8, 1926, D. C. N. J., Doc. E 1010, *O. R. Barnett* v. *Creepcheck Co., Inc.*

928,199, A. J. Hoffman, Clothes-pressing apparatus, suit filed Feb. 5, 1926, D. C., S. D. N. Y., Doc. E 35/232, *United States Hoffman Machinery Co.* v. *National Pressing Machinery Co., Inc., et al.*

1,009,502, B. Goldman, Skylight, appeal filed Sept. 2, 1925, C. C. A. (2d Cir.), Doc. 8878, *Superior Skylight Co., Inc.*, v. *Zerbe Construction Co.*

1,050,441, R. A. Fessenden, Electric signaling apparatus; 1,050,728, same, Method of signaling; 1,113,149, E. H. Armstrong, Wireless receiving system, consent decree sustaining patents and granting injunction Feb. 3, 1926, D. C., S. D. N. Y., Doc. E 34/329, *Westinghouse Electric & Mfg. Co. et al.* v. *Radio Specialty Co., Inc.*

1,050,728. (See 1,050,441.)

1,051,334, E. W. Johnston, Anchor, suit filed Jan. 29, 1926, D. C., W. D. Wash. (N. Div.), Doc. 521, *E. W. Johnston* v. *S. K. Prescott Co.*

1,113,149. (See 1,050,441.)

1,230,479, W. P. M. Grelck, Self-preserving acid milk product and process of making same; 1,272,035, same, Milk food product and method of making same, suit filed Oct. 3, 1922, D. C., W. D. Wash. (N. Div.), Doc. 308, *Grelck-Hovey Patent Co.* v. *Buttermilk Products Co. et al.* Cause dismissed Nov. 3, 1925, under rule 48.

1,272,035. (See 1,230,479.)

1,296,182, W. P. Hammond, Glass-covered dashboard for automobile, bill dismissed Jan. 25, 1926, equities with defendant, D. C., N. D. Ohio (E. Div.), Doc. 1299, *W. P. Hammond* v. *Paige-Ohio Co.*

1,307,733, A. V. Gullborg, Lubricating apparatus; 1,307,734, same, Lubricating means; Re. 14,667, F. D. Winkley, Lubricating system; consent decree for plaintiff for injunction Jan. 28, 1926, D. C. Mass., Doc. E 2051, *The Bassick Mfg. Co.* v. *Commonwealth Screw Co.*

1,307,734. (See 1,307,733.)

1,341,006, C. D. Babcock, Ionized chamber device, suit filed Dec. 4, 1925, D. C. N. J., Doc. E 1603, *Radio Corp. of America et al.* v. *United Radio & Electric Corp. et al.*

1,342,885, E. H. Armstrong, Method of receiving high frequency oscillation, consent decree sustaining patent and granting injunction Feb. 3, 1926, D. C., S. D. N. Y., Doc. E 34/361, *Westinghouse Electric & Mfg. Co. et al.* v. *Radio Specialty Co., Inc.*

1,391,939, C. W. Collins, Ventilating appliance for clothes-drying machine, stipulation and order of dismissal entered Aug. 28, 1923, D. C., W. D. Wash. (N. Div.), Doc. E 322, *C. W. Collins* v. *Troy Laundry Machinery Co., Ltd., et al.*

1,400,783, A. J. Abernathy, Plate puller, stipulation and order of dismissal entered May 6, 1924, D. C., W. D. Wash. (N. Div.), Doc. 392, *L. Abernathy* v. *Pacific Telephone & Telegraph Co. et al.*

1,418,546, E. A. Eastman, Shoe last, decree canceling patent Feb. 2, 1926, D. C., S. D. Ohio (W. Div.), Doc. E 381, *The United States of America* v. *E. A. Eastman.*

1,446,947, T. L. Taliaferro, Process of drying lithographed metal plates, order dismissing cause Feb. 3, 1926, D. C., S. D. Ohio (W. Div.), Doc. E 376, *Phoenix Hermetic Co.* v. *The United States Can Co.*

1,460,716, B. F. Greer, Book-form savings bank, suit filed Jan. 13, 1926, D. C., N. D. Calif. (S. Div.), Doc. E 1625, *Bankers Utilities Co., Inc., et al.* v. *Pacific National Bank.*

1,484,180. (See 1,511,812.)

1,488,811, G. R. Hoffman, Transmission or brake band, suit filed Nov. 9, 1925, D. C., E. D. N. Y., Doc. 2283, *Parks & Bohne, Inc.*, v. *Mechanical Metal Stamping Co., Inc., et al.*

1,489,940, S. Hiller, Process and apparatus for treating organic materials to make meal and oils; 1,551,152, same, Drier; 1,551,196, same, Drying apparatus, suits filed Feb. 4, 1926, D. C., N. D. Calif. (S. Div.), Doc. E 1630, *Stanley Hiller, Inc.*, v. *California Press Mfg. Co., Inc.*; and Doc. E 1631, *Stanley Hiller, Inc.*, v. *Pacific Fish Co.*; and Doc. E 1632, *Stanley Hiller, Inc.*, v. *Monterey Canning Co.*; and Doc. E 1633, *Stanley Hiller, Inc.*, v. *Carmel Canning Co.*

1,497,628, E. Young, Electric soldering iron, suit filed June 27, 1924, D. C. N. J., Doc. E 584, *E. Young et al.* v. *Metro Electric Co., Inc.* Consent decree Dec. 15, 1925.

1,504,694, P. W. Litchfield, Vehicle tire, suit filed Jan. 21, 1926, D. C., N. D. Ohio (E. Div.), Doc. 1718, *The Goodyear Tire & Rubber Co.* v. *The Firestone Tire and Rubber Co.*

1,511,812, P. H. Horwitt, Dispenser for napkins and like articles (and 1,484,180, D. W. Hudson, Napkin-dispensing device, included by counterclaim Jan. 12, 1926), suit filed Nov. 23, 1925, D. C., E. D. N. Y., Doc. 2295, *Independent Paper Mills, Inc.*, v. *Setaz Cafeteria, Inc.*

1,517,662. R. W. Wilson, Toilet box, consent order of discontinuance filed Jan. 19, 1926, D. C., S. D. N. Y., Doc. E 31/317, *T. W. Foster & Bros. Co. et al.* v. *Conde, Ltd.*

1,519,540, W. P. Hammond, Rear bumper for automobiles, suit filed Dec. 15, 1925, D. C., E. D. N. Y., Doc. 2336, *W. P. Hammond* v. *U. S. E. Corp.*

1,535,068, M. A. Wachs, Metal binding machine, suit filed Jan. 18, 1926, D. C., S. D. N. Y., Doc. E 35/167, *M. A. Wachs et al.* v. *M. M. Balsam.*

1,539,545. (See 1,342,015.)

1,542,693, Gordon & Eckstein, Table, suit filed Jan. 25, 1926, D. C., S. D. N. Y., Doc. E 35/187, *S. Gordon et al.* v. *H. Lessen et al.* (*Lessen & Falcon*).

1,550,247, E. J. Firquain, Fender brace, suit filed Jan. 20, 1926, D. C., N. D. Iowa (Cedar Rapids), Doc. 84, *Metal Products Co.* v. *J. H. Brookman et al.*

1,550,573, D. A. Sargent, Tractor snowplow, suit filed Dec. 30, 1925, D. C., E. D. Wis., Doc. 1747 C D, *Northern Trailer Co. et al.* v. *Hi-Way Service Corp.*

1,551,152. (See 1,489,940.)

1,551,196. (See 1,489,940.)

1,551,853, F. Sette, Valve, suit filed Jan. 2, 1926, D. C., E. D. Wis., Doc. 1748 C D, *F. Sette et al.* v. *Specialty Brass Co.*

1,553,301, W. H. Albee, Heel base and process of making same, suit filed Jan. 21, 1926, D. C. Mass., Doc. E 2522, *B. A. Corbin & Son Co.* v. *Brockton Heel Co., Inc.*

1,559,980, Perrott & Yablick, Removal of ammonia from air to be breathed, suit filed Dec. 1, 1925, D. C. N. J., Doc. E 1601, *M. Yablick* v. *Protecto Safety Appliance Corp.*

1,564,245, J. D. Keller, Horse boot, suit filed Dec. 24, 1925, D. C., E. D. Wis., Doc. 1738 C D, *Tuttle & Clark* v. *J. C. Nichols Co. et al.*

Re. 14,383, F. M. Case, Cleaner, suit filed Oct. 19, 1923, D. C., E. D. Wis., Doc. 1362 C D, *The Hoover Co.* v. *Hamilton-Beach Mfg. Co.* Consent decree for plaintiff Jan. 8. 1926.

Re. 14,667. (See 1,307,733.)

Re. 15,427, H. M. Boe, Grease or oil dispensing apparatus, suit filed Aug. 20, 1923, D. C., N. D. Ohio (E. Div.), Doc. 959, *H. M. Boe et al.* v. *The Lomis-Sielaff Co.* Dismissed without prejudice on application of plaintiffs Nov. 28, 1925.

Des. 68,077, R. M. Wyle, Thermometer, suit filed Jan. 7, 1926, D. C., E. D. Pa., Doc. 3537, *The National Souvenir Co.* v. *S. Marcus.*

T. M. 110,004, Orange Whistle Co., Nonalcoholic beverage, by agreement of counsel temporary injunction made permanent Jan. 11, 1926, D. C., M. D. Pa., Doc. 379, *V. Jones et al.* v. *H. Stone (Stone's Bottling Works).*

ADVERSE DECISIONS IN INTERFERENCE.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,215,885, F. E. Kling, Filtering medium for cleaning furnace gases, decided February 1, 1926, claims 1 and 2.

Pat. 1,504,573, J. H. Miller, Shutter-operating apparatus, decided February 11, 1926, claims 1, 2, 3, 5, and 6.

Pat. 1,515,908, C. H. Stephenson, Process for the removal of maggots, insects, green berries, trash, and similar objects from blueberries, decided January 29, 1926, claim 1.

Pat. 1,535,937, J. H. Millholland, Floor-waxing device, decided March 6, 1926, claims 4 to 8, inclusive.

Final decisions in interferences have been rendered against the following registered trade-marks:

T. M. 112,312, Eggs, butter, and dressed poultry, F. M. Risk, Chicago, Ill. Registered August 29, 1916. Decided January 4, 1926.

T. M. 200,764, Sweaters, hosiery, caps, hats, infants' bootees, scarfs, and shirts, Torian Brothers Company, Evansville, Ind. Registered July 7, 1925. Decided January 30, 1926.

TRADE-MARKS CANCELED.

58,908. Nonalcoholic hop beverage. American Beverage Co., Inc., Atlanta, Ga. Registered December 25, 1906. Canceled March 4, 1926.

58,930. Pocketknives. Son Brothers & Co., San Francisco, Calif., and Meriden, Conn. Registered December 25, 1906. Canceled March 3, 1926.

80,864. Boots and shoes. The Miller Bros. Star Shoe Co., Cleveland, Ohio. Registered February 7, 1911. Canceled March 3, 1926.

106,997. Cake. Palmer Candy Co., Sioux City, Iowa. Registered November 9, 1915. Canceled March 3, 1926.

134,651. Hosiery. Fulfashon Hosiery Company, New York, N. Y. Registered September 14, 1920. Canceled February 26, 1926.

147,444. Liquid and plastic surface-coating waterproofing material in the nature of a paint. L. Sonneborn Sons Inc., New York, N. Y. Registered October 11, 1921. Canceled March 3, 1926.

189,906. Salad dressing. Scholl Bros., Houston, Tex. Registered September 30, 1924. Canceled February 26, 1926.

193,342. Writing paper. Empire Paper Company, Chicago, Ill. Registered December 23, 1924. Canceled February 26, 1926.

Disclaimers.

1,546,173.—*Herman J. H. Huber*, Schenectady, N. Y. ELECTRIC SWITCH. Patent dated July 14, 1925. Disclaimer filed March 3, 1926, by the assignee, *General Electric Company.*

Hereby enters this disclaimer under the provisions of and for the purpose set forth in rule 181, to the following claims in said Letters Patent, to wit:

"1. In an electric switch device, the combination of a supporting member, a fixed contact, an adapter for supporting said fixed contact and means for securing said adapter to said member in various positions of angular adjustment.

"2. In an electric switch device, the combination of an inclined supporting member, a washer secured thereto, a fixed contact, an adapter adjustable on said washer for supporting said fixed contact, and means for clamping said adapter to said washer in adjusted position.

"3. In an electric switch device, the combination of a supporting insulator bushing, an annular member at the end thereof, means for rigidly securing said member to said bushing, a fixed contact, an adapter for supporting said fixed contact in a substantially vertical position and means for clamping said adapter to said member in various positions of angular adjustment.

"7. In an electric switch device, the combination of an insulator bushing, an adapter carried thereby, a contact retainer and means for adjustably securing said contact retainer to said adapter."

1,026,721.—*Henry Thomas*, East Ham, London, England. MEAT HOLDER. Patent dated May 21, 1912. Disclaimer filed March 8, 1926, by the assignee, *U. S. Slicing Machine Company.*

Hereby enters this disclaimer to the said claims 9, 12, and 13 in said specification, which claims are in the following words, to wit:

"9. In an apparatus for holding material to be sliced, the combination with a support for holding the article to be sliced, of a face plate mounted upon the support for ready adjustment into and out of operative position with respect thereto, and means for cooperating with the face plate for holding the material to be sliced against the face of the said face plate.

"12. In an apparatus for holding the material to be sliced, the combination with a support, of a face plate mounted upon the support and adapted to be readily moved into and out of operative position, means adapted to be projected and retracted with respect to the face of the face plate to hold the material to be cut and for releasing said material, and mechanism for controlling the last said means at will.

"13. In an apparatus for holding material to be sliced, the combination with a support, of a face plate mounted upon the support and adapted to be moved into and out of operative position, means adapted to be projected and retracted with respect to the face of the face plate, to hold the material to be cut and for releasing said material, means for controlling the last said means at will, said holding means penetrating the material and operating to draw the material against the face of the plate."

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 23, 1926.

[VOL. 344. No. 4.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 189,987. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE PANELYTE BOARD COMPANY, Trenton, N. J. Filed Dec. 21, 1923.

PANELYTE

The vertical lines shown in the drawing indicate that the oval panel on which the mark is displayed is red in color.

Particular description of goods.—Electrical Insulation Boards, Panels, Blocks, Rods, Bars, Tubes, Knobs, Handles, and Washers.

Claims use since May 1, 1923.

Ser. No. 190,032. (CLASS 38. PRINTS AND PUBLICATIONS.) RAILROAD BUYERS & SELLERS SERVICE BUREAU, Chicago, Ill. Filed Dec. 22, 1923.

The Black Book

Particular description of goods.—Directories.

Claims use since Jan. 1, 1923.

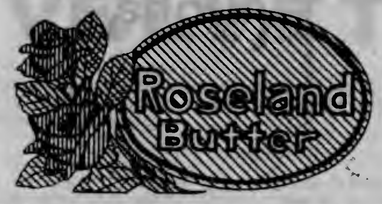
Ser. No. 191,820. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DURAND-MCNEIL-HORNER CO., Chicago, Ill. Filed Feb. 5, 1924.

NONE-SUCH

Particular description of goods.—Fresh Grapefruit, Marinated Herring, Brussels Sprouts, Shredded Coconut, Plum Pudding, Toasted Corn Flakes, Cereal Breakfast Food, Gelatin Dessert, Paprika, Canned Pimentos, Cranberry Sauce, Bouillon Cubes, Salted Nuts, Canned Fruits, Berries, Vegetables, Sauerkraut, Fish, Lobster, Shrimp, Oysters, Sardines, Sliced Beef, Baked Beans, Salmon Cutlets, Hominy, and Succotash; Dried Fruits—Viz, Prunes, Currants, Raisins; Spices, Molasses, Maple Table Sirup, Compound of Glucose and Refiners' Sirup, Flavoring Extracts for Food Purposes, Vinegar, Olives, Olive Oil, Salad Dressing, Fruit Preserves, Jellies, Peanut Butter, Apple Butter, Honey, Chowchow, Gherkins, Pickles, Pickled Onions, Prepared Mustard, Pepper Sauce, Worcestershire-style Sauce, Chili Sauce, Powdered Sugar, Cheese, Birdseed, Split Peas, Mixture of Buckwheat and Wheat Flour, Pancake Flour, Wheat Flour, Rice Flour, Buckwheat Flour, Blended Wheat and Graham Flour, Blended Rye Wheat Flour, Potato Flour, Coffee, Cocoa, Tea, Chocolates, Evaporated Milk, Spaghetti, Glacé Cherries, Canned Crushed Fruits, Cherries in Maraschino, Pepper, Curry Powder, Horse-Radish, Tomato Catchup, Cinnamon, Corn Meal, Rolled Oats, Tapioca, Farina, Celery Salt, All Kinds of Dried Codfish, Canned Clams, Canned Clam Chowder, Sage, Thyme, Savory, Marjoram, Dates, Candies, Canned Tomato Soup, Canned Chicken Soup.

Claims use since 1875.

Ser. No. 194,729. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MISTLETOE CREAMERIES, Fort Worth, Tex. Filed Mar. 31, 1924.

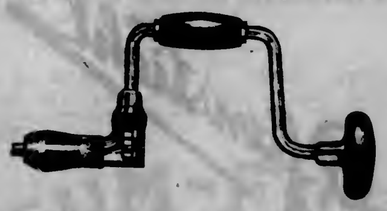


The lining appearing on the drawing is used for shading purposes only. No claim is made to the word "Butter" apart from the mark shown.

Particular description of goods.—Butter.

Claims use since Mar. 1, 1924.

Ser. No. 195,917. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE STANLEY WORKS, New Britain, Conn. Filed Apr. 21, 1924.



Trade-mark consists of the color black arbitrarily applied by enameling, lacquering, or otherwise to the handles and to unpolished metal surfaces of a line of tools, as shown on the specimens filed.

Particular description of goods.—Hammers, Saws, Bit Braces, Auger Bits, Chisels, Screw Drivers, Planes, Files, Wrenches, Axes, Vises, Putty Knives, Awls, Pry Bars.

Claims use since Oct. 20, 1922.

Ser. No. 198,652. (CLASS 7. CORDAGE.) THE LINEN THREAD CO., New York, N. Y. Filed June 16, 1924. Under ten-year proviso.

ELM FLAX MILLS BRAND

Particular description of goods.—Twine, Rope Yarn, and Roving Made of Cotton, Jute, Hemp, or Flax.
Claims use since 1870.

Ser. No. 199,611. (CLASS 2. RECEPTACLES.) DOBER MANUFACTURING COMPANY, Grand Rapids, Mich. Filed July 5, 1924.

VANI-DOR

Particular description of goods.—Base-Metal Receptacles for Attachment to the Inside of Automobiles for Holding Toilet or Similar Articles.
Claims use since Dec. 1, 1923.

Ser. No. 201,881. (CLASS 28. JEWELRY, AND PRECIOUS-METAL WARE.) CARSON PIRIE SCOTT & CO., Chicago, Ill. Filed Aug. 26, 1924.



Particular description of goods.—Pearls and Pearl Necklaces.
Claims use since April, 1924.

Ser. No. 202,221. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) PFANSTIEHL RADIO SERVICE COMPANY, Highland Park, Ill. Filed Sept. 4, 1924.

Pfanstiehl

The word "Pfanstiehl" in the form shown in the drawing is a facsimile of the signature of Mr. Carl Pfanstiehl.
Particular description of goods.—Radioamplifiers, Radiosilencers, Radio Condensers, Apparatus, Machines, and Supplies.
Claims use since Jan. 31, 1923.

Ser. No. 202,519. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE SANITARY POTATO CHIP COMPANY, Washington, D. C. Filed Sept. 11, 1924.

GOLDEN CRISP
BRAND
POTATO CHIPS

No claim is made to the words "Crisp Brand" and "Potato Chips" except as associated with other features of the mark.
Particular description of goods.—Potato Chips.
Claims use since Aug. 18, 1924.

Ser. No. 204,416. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) JEAN NAZELEY, doing business as J. Nazeley Co., New York, N. Y. Filed Oct. 25, 1924.

"SELECTO"

Particular description of goods.—Antenna Loops, Radio Receiving Sets, Fixed and Variable Condensers, Rheostats, Transformers, Radio Tube Sockets, Tuning Coils and Mountings, Panels for Receiving Sets, Switch Points.
Claims use since Apr. 15, 1924.

Ser. No. 204,528. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) GEORG CHRISTIAN STOLTZ, New York, N. Y. Filed Oct. 28, 1924.

Panta

Particular description of goods.—Radio Receiving Sets and Parts Thereof.
Claims use since Oct. 22, 1924.

Ser. No. 206,281. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) DEUTSCHE GASGLUHLICHT-AUER-GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Berlin, Germany. Filed Dec. 5, 1924.

Degea

Particular description of goods.—Electric Household Appliances.
Claims use since Jan. 8, 1915.

Ser. No. 206,952. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FRENCH BATTERY & CARBON COMPANY, Madison, Wis. Filed Dec. 19, 1924.

CHECKER

Particular description of goods.—Dry Batteries.
Claims use since Oct. 1, 1924.

Ser. No. 207,067. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DELILAH H. CHESTER, New York, N. Y. Filed Dec. 22, 1924.

Mlle. Delilah.

Particular description of goods.—Toilet Powders, Facial Creams, Skin Tonics, Perfumes, Hand and Face Lotions, Lip and Skin Cosmetics, Hair and Scalp Pomades, and Antiseptic Mouth Wash.
Claims use since Nov. 16, 1924.

Ser. No. 207,977. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE EMPIRE PLOW COMPANY, Cleveland, Ohio. Filed Jan. 12, 1925.

"EMPIRE"

Particular description of goods.—Plows, Cultivators, Harrows, Handles for Agricultural Implements, Weeders, Garden Plows, Garden Cultivators, and Agricultural Steel Shapes.
Claims use since 1890.

Ser. No. 208,100. (CLASS 38. PRINTS AND PUBLICATIONS.) LOUIS HURWITZ, Philadelphia, Pa. Filed Jan. 14, 1925.

UNITED

Particular description of goods.—Picture Post Cards.
Claims use since Oct. 30, 1924.

Ser. No. 208,333. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE E. Z. WALK ARCH CORPORATION, New York, N. Y. Filed Jan. 20, 1925.

STEP RITE

Particular description of goods.—Supports for Arches and Other Parts of the Feet and Inner Supporting Soles.
Claims use since 1912.

Ser. No. 208,334. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE E. Z. WALK ARCH CORPORATION, New York, N. Y. Filed Jan. 20, 1925.

FOOT-RAISE

Particular description of goods.—Supports for Arches and Other Parts of the Feet and Inner Supporting Soles.
Claims use since 1912.

Ser. No. 208,335. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE E. Z. WALK ARCH CORPORATION, New York, N. Y. Filed Jan. 20, 1925.

VELVET

Particular description of goods.—Supports for Arches and Other Parts of the Feet and Inner Supporting Soles.
Claims use since 1912.

Ser. No. 208,336. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE E. Z. WALK ARCH CORPORATION, New York, N. Y. Filed Jan. 20, 1925.

MEDICO

Particular description of goods.—Supports for Arches and Other Parts of the Feet and Inner Supporting Soles.
Claims use since 1912.

Ser. No. 208,337. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE E. Z. WALK ARCH CORPORATION, New York, N. Y. Filed Jan. 20, 1925.

CUM-FUT

Particular description of goods.—Supports for Arches and Other Parts of the Feet and Inner Supporting Soles.
Claims use since 1912.

Ser. No. 208,564. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE BROOKS TENT & AWNING COMPANY, Denver, Colo. Filed Jan. 24, 1925.



Particular description of goods.—Tent Cloth.
Claims use since Dec. 20, 1924.

Ser. No. 208,589. (CLASS 39. CLOTHING.) JAMES A. HEARN & SON, INC., New York, N. Y. Filed Jan. 24, 1925.

Fleur

Particular description of goods.—Infants' Wear—Viz, Bootees, Jackets, Dresses, Shirts, Coats, Caps, Hats, Drawers, and Mittens.
Claims use since Mar. 20, 1924.

Ser. No. 208,590. (CLASS 39. CLOTHING.) JAMES A. HEARN & SON, INC., New York, N. Y. Filed Jan. 24, 1925.



MonPetit

Particular description of goods.—Infants' Wear—Viz, Bootees, Jackets, Dresses, Shirts, Coats, Caps, Hats, Drawers, and Mittens.
Claims use since Mar. 15, 1924.

Ser. No. 208,832. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A. F. THIBODEAU COMPANY, INC., Detroit, Mich. Filed Jan. 29, 1925.

MED-O-DEW

Particular description of goods.—Butter.
Claims use since January, 1921..

Ser. No. 208,934. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WARDROP CO., INC., New York, N. Y. Filed Jan. 31, 1925.

VEGEX

Particular description of goods.—Bread.
Claims use since Jan. 16, 1925.

Ser. No. 208,936. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WARDROP CO., INC., New York, N. Y. Filed Jan. 31, 1925.

VEGEX MILK

Applicant disclaims any exclusive right to the word "Milk" apart from the mark shown on the drawing.
Particular description of goods.—Bread.
Claims use since Jan. 16, 1925.

Ser. No. 208,939. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WARDROP CO., INC., New York, N. Y. Filed Jan. 31, 1925.

WARDWAY

Particular description of goods.—Bread.
Claims use since Jan. 16, 1925.

Ser. No. 209,071. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HARRY S. WATERMAN, Los Angeles, Calif. Filed Feb. 3, 1925.



No claim is made for the words "Expanding Mandrels" apart from the mark shown in the drawing.
Particular description of goods.—Expanding Mandrels and Reamers.
Claims use since July 25, 1922.

Ser. No. 209,119. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CALIFORNIA HEALTH FOOD CO., Los Angeles, Calif. Filed Feb. 5, 1925.

Fig-Co

Particular description of goods.—Coffee Substitute.
Claims use since Nov. 1, 1924.

Ser. No. 209,293. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) WM. H. HORSTMANN COMPANY, Philadelphia, Pa. Filed Feb. 9, 1925. Under ten-year proviso.



Particular description of goods.—Stamped Goods of Cotton, Wool, Silk, Linen, Artificial Silk, and Combinations of the Same to be Embroidered.
Claims use since 1890.

Ser. No. 209,997. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) FRANK LE BRON, New York, N. Y. Filed Feb. 21, 1925.



Particular description of goods.—Solid-Gold Articles—Namely, Bracelets, Bib Holders, Necklaces, Pins, Finger Rings, Earrings, and Napkin Rings.
Claims use since January, 1925.

Ser. No. 210,942. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WOLO A.-G. (WOLO LTD.), Zurich, Switzerland. Filed Mar. 12, 1925.

„THIORUBROL"

Particular description of goods.—Pharmaceutical Preparation Used for Preparing Sulphureted Baths Against Following Diseases: Rheumatic Affections, Skin Diseases, Scrofula, Varicose Ulcers on the Feet, Chronic Diseases of Women, Chronic Syphilis, Chronic Metal Poisoning.
Claims use since 1909.

Ser. No. 210,945. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WOLO A.-G. (WOLO LTD.), Zurich, Switzerland. Filed Mar. 12, 1925.

Lacpinin

Particular description of goods.—Products for the Preparation of White-Pine-Needle Baths Used for Treating Weakness Caused by Physical and Mental Overexertion, Affections of the Heart, Rheumatism, Women's Diseases, and Skin Diseases.
Claims use since 1909.

Ser. No. 211,873. (CLASS 15. OILS AND GREASES.) SLOANE-FORSBERG OIL COMPANY, Oklahoma City, Okla. Filed Mar. 30, 1925.



The word "Gasoline" is disclaimed except as associated with other features of the mark.
Particular description of goods.—Gasoline.
Claims use since Mar. 20, 1905.

Ser. No. 211,986. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE DALLAS MANUFACTURING CO., Huntsville, Ala. Filed Apr. 1, 1925.



HADLEY

No claim is made to the exclusive use of the word "Hadley" apart from the other features of the mark shown.

Particular description of goods.—Cotton Piece Goods.

Claims use since 1900.

Ser. No. 212,487. (CLASS 32. FURNITURE AND UPHOLSTERY.) EDSTROM-WESTMORE-HENDERSON CORP., Warren, Pa. Filed Apr. 10, 1925.

REDO TIP

Particular description of goods.—Shade Rollers.

Claims use since Mar. 23, 1925.

Ser. No. 212,634. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. A. PARDOE, doing business as J. A. Pardoe Company, Omaha, Nebr. Filed Apr. 13, 1925.



No claim is made for the words "Pardoes Station Service Sales System" except in association with the mark as shown.

Particular description of goods.—Ice Cream.

Claims use since May 10, 1924.

Ser. No. 212,734. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HARDMAN, PECK & CO., New York, N. Y. Filed Apr. 15, 1925. Under section 5b of the act of 1905 as amended in 1920.

HARDMAN

Particular description of goods.—Radio Receiving and Transmitting Sets and Parts Thereof.

Claims use since Feb. 3, 1925.

Ser. No. 213,013. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOSEPH DUPEE, doing business as Lager Malt Extract Company, Chicago, Ill. Filed Apr. 20, 1925.

LAGER

Particular description of goods.—Malt Extract.

Claims use since Apr. 7, 1925.

Ser. No. 213,646. (CLASS 38. PRINTS AND PUBLICATIONS.) THE HOOVER COMPANY, North Canton, Ohio. Filed May 1, 1925.

THE HOOVER NEWSY NEWS

The trade-mark consists of the words "The Hoover Newsy News."

Particular description of goods.—Publication.

Claims use since May 23, 1919.

Ser. No. 215,021. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) POLYMET MANUFACTURING CORPORATION, New York, N. Y. Filed May 28, 1925.

POLY

Particular description of goods.—Plugs for Radio Apparatus, More Particularly for Plugs for Radio Apparatus Adapted for Radio Reception.

Claims use since Feb. 25, 1924.

Ser. No. 215,194. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THOMAS C. WHITEHEAD, doing business as The Shu Sheen Company, Detroit, Mich. Filed June 1, 1925.

Shu Sheen

Particular description of goods.—Shoe-Blacking Polish.

Claims use since May 7, 1925.

Ser. No. 216,245. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GUSTAV WIEDEKE CO., Dayton, Ohio. Filed June 22, 1925.

VICTOR

Trade-mark consists of the word "Victor."

Particular description of goods.—Tube and Flue Expanders, Tube and Flue Cutters, and Tube and Flue Beading Tools.

Claims use since June, 1915.

Ser. No. 216,276. (CLASS 25. LOCKS AND SAFES.) F. WILHELM LÜLING, Volmarstein on the Ruhr, Germany. Filed June 23, 1925.

Burg

Particular description of goods.—Padlocks, Door Locks, Furniture Locks, Latches, and Bolts for the Same.

Claims use since Jan. 1, 1925.

Ser. No. 216,295. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. D. and A. B. SPRECKELS SECURITIES COMPANY, doing business as Western Sugar Refinery, San Francisco, Calif. Filed June 23, 1925.



The lining of drawing indicates shading only.

Particular description of goods.—Cane Sugar.

Claims use since about May 15, 1918.

Ser. No. 216,305. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) UNITED STATES STORES CORPORATION, Orange, N. J. Filed June 23, 1925.



No claim is made to the word "Brands" except in connection with the balance of the mark.

Particular description of goods.—Canned Cherries and Canned Peaches.

Claims use since Mar. 20, 1925.

Ser. No. 216,395. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) INDERRIEDEN CANNING CO., Chicago, Ill. Filed June 25, 1925.

Peter-Pan



Particular description of goods.—Dried Fruits—Namely, Raisins, Pears, Apricots, Prunes, Peaches, Figs, and Nectarines.

Claims use since Jan. 31, 1922, on raisins; Apr. 29, 1925, on peaches; May 19, 1925, on pears, apricots, prunes, figs, and nectarines.

Ser. No. 216,550. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LAKEVIEW FRUIT CO., Union City, N. J., and Lakeview, N. C. Filed June 27, 1925.



The picture of a girl is not that of a living person, but is merely fanciful. The pictorial representation of a peach apart from the other features of the mark is hereby disclaimed.

Particular description of goods.—Fresh and Canned Fruits.

Claims use since June 24, 1925.

Ser. No. 216,607. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) KARAS ELECTRIC COMPANY, Chicago, Ill. Filed June 29, 1925.

KARAS HARMONIK

No claim is made to the exclusive use of the words shown except in the form and relation in which they are illustrated.

Particular description of goods.—Electrical Transformers for Radio Use.

Claims use since August, 1924.

Ser. No. 216,669. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) WILLIAM PERCY DEAN, Eldon, James Lane, Burgess Hill, Sussex, England. Filed June 30, 1925.



The device shown in the mark is a representation of the goods to which the mark is applied. No claim is made thereto apart from the other features.

Particular description of goods.—Device for Practicing Putting for the Game of Golf.

Claims use since Oct. 17, 1924.

Ser. No. 216,714. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) L. H. DAVIS & COMPANY, Fresno, Calif. Filed July 1, 1925.

MEMORIE

Particular description of goods.—Dried Raisins and Figs.

Claims use since Sept. 1, 1923.

Ser. No. 217,102. (CLASS 39. CLOTHING.) LEVINE BROS., New York, N. Y. Filed July 9, 1925.

LeVine Yeddo



The vertical lines forming the background of the cross indicate red. All other lining represents shading and rays of sun.

Particular description of goods.—Men's Straw Hats, Caps, and Felt Hats.

Claims use since July 1, 1924.

Ser. No. 217,805. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) LOUIS H. SMITH, doing business as Surplus Auto Supply Co., Chicago, Ill. Filed July 13, 1925.

GOLDEN RULE CORD

No claim is made to the exclusive use of the word "Cord" apart from the mark shown on the drawing.

Particular description of goods.—Tires for Motor Vehicles.

Claims use since Apr. 11, 1924.

Ser. No. 217,489. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) WILLIAMS-HAYWARD COMPANY, Chicago, Ill. Filed July 16, 1925.

RADAK

Particular description of goods.—Lacquer, Varnish, Enamels, and Paints, Dry, Paste, or Ready Mixed.

Claims use since May 1, 1925.

Ser. No. 217,790. (CLASS 38. PRINTS AND PUBLICATIONS.) THADDEUS E. LETENDRE, New York, N. Y. Filed July 23, 1925.

Cudgel

Particular description of goods.—Daily Publication Containing Racing Selections, Handicap, One Best, Best Bet, Parlay Method or System of Play.

Claims use since June 1, 1923.

Ser. No. 218,282. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ATLANTIC ORCHARD CORPORATION, Montezuma, Ga., and New York, N. Y. Filed Aug. 8, 1925.

ATLANTIC

Particular description of goods.—Fresh Fruit—Namely, Fresh Peaches.

Claims use since June, 1924.

Ser. No. 218,492. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) LIBERTY BATTERY COMPANY, Chicago, Ill. Filed Aug. 6, 1925.

LIBERTY

Particular description of goods.—Storage Batteries.

Claims use since August, 1917.

Ser. No. 218,493. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) LIBERTY BATTERY COMPANY, Chicago, Ill. Filed Aug. 6, 1925.



The representation of a battery is disclaimed apart from the mark shown on the drawing.

Particular description of goods.—Storage Batteries.

Claims use since August, 1917.

Ser. No. 218,684. (CLASS 15. OILS AND GREASES.) BAYERSON OIL WORKS, Erie, Pa. Filed Aug. 11, 1925.

EMULSO

Particular description of goods.—Emulsive Oil for Lubricating and Mixing with Water.

Claims use since July 17, 1918.

Ser. No. 218,912. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) JACQUES L. GALEF, New York, N. Y. Filed Aug. 15, 1925.



Particular description of goods.—Revolvers and Shotguns.

Claims use since about March, 1923.

Ser. No. 219,162. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN L. BACIGALUPO, doing business as Ginocchio & Co., Chicago, Ill. Filed Aug. 21, 1925.



The drawing is lined in the particular manner indicated to represent the colors red and blue, the marginal horizontal lines around the shield and around the portions of the cross to indicate the color blue, the vertical lines the color red. The descriptive word "Sugo" is disclaimed apart from the mark as shown in the drawing.

Particular description of goods.—Sauce for Use on Macaroni, Spaghetti, and Rice.

Claims use since June 15, 1925.

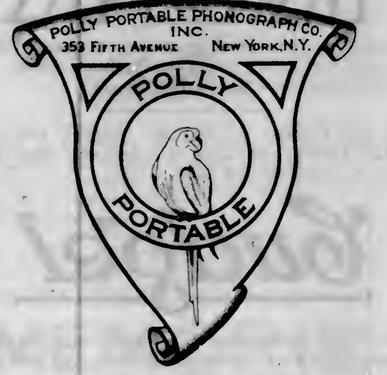
Ser. No. 219,268. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEO. BLADAS, New York, N. Y. Filed Aug. 24, 1925.



Particular description of goods.—Hairdressing.

Claims use since Apr. 1, 1925.

Ser. No. 219,685. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE POLLY PORTABLE PHONOGRAPH CO., INC., New York, N. Y. Filed Sept. 2, 1925.



The words "Portable" and "Polly Portable Phonograph Co., Inc., 353 Fifth Avenue, New York, N. Y." are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Musical Instruments and Supplies, Specifically Phonographs and Parts Thereof.

Claims use since Aug. 12, 1925.

Ser. No. 219,689. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE POLLY PORTABLE PHONOGRAPH CO., INC., New York, N. Y. Filed Sept. 2, 1925.



Particular description of goods.—Musical Instruments and Supplies, Specifically Phonographs and Parts Thereof.

Claims use since Aug. 12, 1925.

Ser. No. 219,897. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) LEHMAN BROS., INC., Jersey City, N. J. Filed Sept. 5, 1925.



Particular description of goods.—Dry, Ready-Mixed, and Paste Paints, Paint Enamels, Varnishes, Prepared Shellacs, and Waterproofing Paints.

Claims use since Aug. 17, 1925.

Ser. No. 219,914. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) JOHN M. RYAN, doing business as Ryan-Metallic Ribbon Packing Co., Chicago, Ill. Filed Sept. 5, 1925.



No claim is made to any wording appearing on the drawing except the words "Red Jack." The lining upon the drawing is intended to indicate the color red.

Particular description of goods.—Metallic Machinery Packing for Packing the Joints About Packing Rods in Valve Glands and Like Parts of Mechanism Requiring Packing to Prevent Escape of Liquids or Gases.

Claims use since July 10, 1925.

Ser. No. 219,950. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DOWNING TAYLOR COMPANY, Springfield, Mass. Filed Sept. 8, 1925.



Trade-mark consists of the word "Wedgwood."

Particular description of goods.—Preserved Citron, Canned Vegetables, Canned Fish, and Canned Fruit.

Claims use since Jan. 10, 1895.

Ser. No. 219,998. (CLASS 15. OILS AND GREASES.) H. K. STAHL COMPANY, St. Paul, Minn. Filed Sept. 8, 1925.



Particular description of goods.—Petroleum Products—Namely, Gasoline, Kerosene, Fuel Oil, and Distillate.

Claims use since Feb. 3, 1925.

Ser. No. 220,151. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) JOSEPH SOLTZ, Atlantic City, N. J. Filed Sept. 11, 1925.

SUNSHINE

Particular description of goods.—Unmixed Colors, Bronze Powders and Liquids, Filler, and Prepared Shellac.

Claims use since July 1, 1922.

Ser. No. 220,186. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GUSTAVE GILBERT, doing business as Art Importing Co., Philadelphia, Pa. Filed Sept. 12, 1925.

MOMMEN

Particular description of goods.—Artists' Ready-Mixed Colors Ground in Oil.

Claims use since Apr. 1, 1923.

Ser. No. 220,187. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) GUSTAVE GILBERT, doing business as Art Importing Co., Philadelphia, Pa. Filed Sept. 12, 1925.

ARTCO

Particular description of goods.—Artists' Ready-Mixed Colors Ground in Oil.

Claims use since Apr. 1, 1923.

Ser. No. 220,230. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) HADFIELD-PENFIELD STEEL COMPANY, Bucyrus, Ohio. Filed Sept. 14, 1925.

INTERNATIONAL

Particular description of goods.—Road Graders.
Claims use since Aug. 1, 1925.

Ser. No. 220,328. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) TAGGART BAKING COMPANY, Indianapolis, Ind. Filed Sept. 16, 1925.

WONDER

Particular description of goods.—Bread and Cake.
Claims use since on or about May 1, 1921.

Ser. No. 220,804. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) RED OWL STORES, INCORPORATED, Minneapolis, Minn. Filed Sept. 25, 1925.

RED OWL



The trade-mark is displayed in red.
Particular description of goods.—Rubber Gaskets for Fruit Jars and Cans.
Claims use since May, 1925.

Ser. No. 221,224. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF.) PAUL GIESEN, doing business as Giesen & Forsthoff, Solingen, Germany. Filed Oct. 3, 1925.

TIMOR

Particular description of goods.—Pocketknives, Scissors, Table Knives and Forks of Base Metal, Razors, and Hair Clippers.
Claims use since June 25, 1920.

Ser. No. 221,225. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) ACKERMANN, STEFFAN & Co., Chicago, Ill. Filed Oct. 5, 1925.

TROJAN

Particular description of goods.—Jeweler's Saws, Jig Saws, Fret Saws, Band Saws, Coping Saws, and Blades for Jeweler's Saws, Fret Saws, and Coping Saws.
Claims use since Dec. 12, 1923.

Ser. No. 221,336. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) MAX SCHMIDT, doing business as Peter Ludwig Schmidt, Elberfeld, Germany. Filed Oct. 6, 1925.

ELBERSMIT

Particular description of goods.—Cutlery and Tools—Namely, Auger Bits, Augers, Axes, Awls, Braces, Brace Bits, Breast Drills, Can Openers, Carving Tools, Chisels, Meat Choppers, Corkscrews, Clamps, Drills, Drill Machines, Files, Gimlets, Graining Combs, Hammers, Hatchets, Pocketknives, Bread Knives, Butcher Knives, Kitchen Knives, and Similar Knives not of Precious Metal; Lifting Jacks, Mincing Machines, Miter Boxes, and Hair Clippers, Nippers, Nut Cracks, Pincers, Pipe Cutters, Pipe Wrenches, Planes, Pliers, Punches, Razors, Rasps; Handsaws, Hack Saws, Pruning Saws, Fret Saws, Coping Saws, and Similar Saws; Screw Bits, Screw Augers, Saw Blades, Screw Drivers, Scissors, Spanners, Tin Snips, Trowels, Twist Drills, Vises; Pruning Shears, Tailor Shears, Tinman Shears, Hedge Shears, Leather Shears, and Similar Shears, and Fowl Shears.
Claims use since Apr. 25, 1906.

Ser. No. 221,339. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) STARR TRANSMISSION CORPORATION, Los Angeles, Calif. Filed Oct. 6, 1925.

PLANATOR GEAR SHIFT

No claim is made to the words "Gear" and "Shift" and to the representation of gears apart from the other features of the mark as shown in the drawing.
Particular description of goods.—Automobile Transmission Mechanism.
Claims use since July 20, 1925.

Ser. No. 221,476. (CLASS 39. CLOTHING.) BROKAW BROTHERS, New York, N. Y. Filed Oct. 9, 1925.

RECENT ROW

Particular description of goods.—Dress Shirts, Negligee Shirts, and Undershirts, Both of Knitted and Textile Fabric; Men's and Boys' Suits, Overcoats, Hats, Underwear, Socks and Hose, Sweaters, Pyjamas, Golf Hose, Neckties, Mufflers and Scarfs, Gloves, Dressing Gowns, Lounging Robes and Bath Robes, Bathing Suits, Waistcoats, Suspenders, Garters, Raincoats, Reefers, and Shoes in Leather, Fabric, and Combinations of Both.
Claims use since Aug. 15, 1925.

Ser. No. 221,564. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) STUART PERKINS, North Kansas City, Mo. Filed Oct. 10, 1925.



No claim is made to the words "Fly Kil Destroys Insects" apart from the mark shown.
Particular description of goods.—Insecticide Spray.
Claims use since October, 1924.

Ser. No. 221,580. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ZUCCA'S RESTAURANT, INC., New York, N. Y. Filed Oct. 10, 1925.

GREEN BRAND

No claim is made to the word "Brand" apart from the mark as shown on the drawing.
Particular description of goods.—Noodles.
Claims use since about June 16, 1925.

Ser. No. 221,587. (CLASS 25. LOCKS AND SAFES.) BAKELITE CORPORATION, New York, N. Y. Filed Oct. 12, 1925.

BAKELITE

Particular description of goods.—Safe Combination Knobs.
Claims use since Dec. 1, 1924.

Ser. No. 221,649. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) UNITED STATES ELECTRIC MANUFACTURING CORPORATION, New York, N. Y. Filed Oct. 12, 1925.

BLUEBIRD

Particular description of goods.—Electric Decorative Lighting Outfits for Christmas Trees and the Like.
Claims use since June 17, 1925.

Ser. No. 221,650. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) UNITED STATES ELECTRIC MANUFACTURING CORPORATION, New York, N. Y. Filed Oct. 12, 1925.

BLUEBIRD
Electric Decorative Lighting Outfits
The Spirit of Happiness

No claim is made to the words "Electric Decorative Lighting Outfits" apart from the mark as shown in the accompanying drawing, applicant, however, reserving its common-law rights thereto.
Particular description of goods.—Electric Decorative Lighting Outfits for Christmas Trees and the Like.
Claims use since June 17, 1925.

Ser. No. 221,788. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) T. & A. SALES & MFG. CO., INC., Kingston, N. Y. Filed Oct. 15, 1925.

Kiddies Delight

Trade-mark consists of the words "Kiddies Delight."
Particular description of goods.—Confection Prepared from Sugar, Butter, Nuts, Raisins, and Flavoring Material, Forming a Paste for Use as a Spread.
Claims use since July 15, 1924.

Ser. No. 221,789. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) WILLIAM P. TALBOT, doing business as Eclipse Products Company, New York, N. Y. Filed Oct. 15, 1925.

ECLIPSE

Particular description of goods.—Fastening Devices Made of or Plated with Precious Metal for Protecting Watches From Loss and Theft.
Claims use since Sept. 2, 1925.

Ser. No. 221,807. (CLASS 11. INKS AND INKING MATERIALS.) COLUMBIA RIBBON & CARBON MANUFACTURING COMPANY, INC., New York, N. Y. Filed Oct. 16, 1925.

"TITAN"

Particular description of goods.—Carbon Paper.
Claims use since January, 1919.

Ser. No. 221,809. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DETROIT CANDY COMPANY, Detroit, Mich. Filed Oct. 16, 1925.

Three O'Clock Pudding

Particular description of goods.—Candy.
Claims use since July 5, 1923.

Ser. No. 221,858. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) STANDARD VARNISH WORKS, New York, N. Y. Filed Oct. 16, 1925.

STAND-LAC

Particular description of goods.—Primers, Surfacers, or Paint, Undercoatings, Paint Enamels, Solvents, Varnishes, Dry Ready-Mixed Paint, Paste, Paints, Stains, and Lacquers, which materials consist more or less of Pyroxylin or Paint Vehicle.
Claims use since 1911.

Ser. No. 222,050. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOCIETY OF THE DIVINE WORD, Techny, Ill. Filed Oct. 20, 1925.



Particular description of goods.—Flour, a Pure Wheat Product.
Claims use since Oct. 5, 1925.

Ser. No. 222,239. (CLASS 37. PAPER AND STATIONERY.) HERMETITE CORPORATION, New York, N. Y. Filed Oct. 24, 1925.

HERMETITE

Trade-mark consists of the word "Hermetite".
Particular description of goods.—Paper Rendered Moisture and Air Proof and Intended for Use as Wall Paper, Wrapping Paper, Book Covers, Photograph Mounts, and Wrappings for Insulated Electric Wires.
Claims use since April 1, 1923.

Ser. No. 222,271. (CLASS 38. PRINTS AND PUBLICATIONS.) MORNING TELEGRAPH COMPANY, New York, N. Y. Filed Oct. 24, 1925.

Mlle. Manhattan's Gossip

Particular description of goods.—Column of News in a Newspaper.
Claims use since Feb. 5, 1906.

Ser. No. 222,314. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) COLGATE & COMPANY, Jersey City, N. J. Filed Oct. 26, 1925.



No claim is made to the words "New York, U. S. A." appearing on the drawing. The horizontal lining denotes the color blue, and the dotted part denotes the color gold.
Particular description of goods.—Soap.
Claims use since Sept. 9, 1912; the words "Colgate & Co." since 1858.

Ser. No. 222,354. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) TURUTH COMPANY, Oakland, Calif. Filed Oct. 26, 1925.



Particular description of goods.—Carpet-Cleaning Preparation.
Claims use since Aug. 17, 1923.

Ser. No. 222,436. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE WILLIAM BOARDMAN & SONS CO., Hartford, Conn. Filed Oct. 28, 1925.



Particular description of goods.—Tea.
Claims use since 1902.

Ser. No. 222,455. (CLASS 28. JEWELRY AND PRECIOUS METAL WARE.) FELIX GUILLARD, Paris, France. Filed Oct. 28, 1925.

NACREA

Particular description of goods.—Imitation Pearls.
Claims use since Apr. 22, 1925.

Ser. No. 222,523. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARTIN SCHACHTER, doing business as The Crown Water Company, Bridgeport, Conn. Filed Oct. 29, 1925.



The word "Water" appearing on the drawing is disclaimed apart from the manner shown.
Particular description of goods.—Disinfectant and Stain-Removing Compound.
Claims use since Jan. 15, 1922.

Ser. No. 222,556. (CLASS 31. FILTERS AND REFRIGERATORS.) AMERICAN CARBONIC MACHINERY CO., Wisconsin Rapids, Wis. Filed Oct. 30, 1925.

CONOLIFT

Particular description of goods.—Valves for Ice Machines or Refrigeration Compressors.
Claims use since Aug. 29, 1925.

Ser. No. 222,615. (CLASS 39, CLOTHING.) KERR & MAYOR, New York, N. Y. Filed Oct. 31, 1925.



No claim is made to the words "Dr. Noguchi Shoe" nor "For the Small Broad Foot" apart from the mark as shown.
Particular description of goods.—Shoes Made of Leather, Fabric, and Rubber and Combinations of Such Materials.
Claims use since Oct. 5, 1925.

Ser. No. 222,625. (CLASS 33. GLASSWARE.) GRACE E. MATHIEU, New York, N. Y. Filed Oct. 31, 1925.



The word "Glass" is disclaimed apart from the combination shown in the drawing.
Particular description of goods.—Glass Globes for Lighting Fixtures.
Claims use since on or about Oct. 23, 1925.

Ser. No. 222,789. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE OREGON KELP-ORE PRODUCTS COMPANY, Cloverdale, Oreg. Filed Nov. 4, 1925.

KELP-ORE

Applicant disclaims any exclusive use of the words "Kelp-Ore".

Particular description of goods.—Medicine and Pharmaceutical Preparation—Namely, a Nonalcoholic Tonic for the Treatment of Rheumatism and a Plaster for the Treatment of Rheumatism, Skin Diseases, Infections, Abscesses, Ulcers, Swellings, and General Inflammation; also Constituting an Antiseptic.

Claims use since Oct. 1, 1925.

Ser. No. 222,995. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CARL J. PETERSON, doing business as Carillon Parfumerie, San Francisco, Calif. Filed Nov. 7, 1925.

LA FAVEUR

Particular description of goods.—Perfumes, Toilet Waters, Face Powders, Talcum Powders, Powder Compact, Rouge, Lip Stick, Bath Salt, Soaps, Sachets, Face and Skin Creams, and Eyebrow Pencils.

Claims use since January, 1925.

Ser. No. 223,033. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HAUSMANN A.-G. SCHWEIZ. MEDIZINAL & SANITATS-GESCHAFT ST. GALLEN, St. Gall, Switzerland. Filed Nov. 9, 1925.

Molocola

Particular description of goods.—Preparation for Combating Hypogalactia.

Claims use since May 10, 1923.

Ser. No. 223,082. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COMMERCIAL JOBBING COMPANY, Dubuque, Iowa. Filed Nov. 10, 1925.

MOTHER'S DAY

Particular description of goods.—Wheat Flour.

Claims use since Sept. 18, 1925.

Ser. No. 223,088. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) GENERAL MACHINE WORKS, Houston, Tex. Filed Nov. 10, 1925.

STAY TITE

Applicant disclaims the right to the exclusive use of the word apart from the mark shown in the drawing.

Particular description of goods.—Flame Arresters, Gauge Hatches, Swing-Pipe Joints, Oil-Well Swivels, Breathing Valves, and Tank Manholes.

Claims use since July 1, 1925.

Ser. No. 223,129. (CLASS 33. GLASSWARE.) MACBETH-EVANS GLASS COMPANY, Pittsburgh, Pa. Filed Nov. 11, 1925.

ALBA

Particular description of goods.—Lamp Glasses and Globes.

Claims use since 1903.

Ser. No. 223,134. (CLASS 10. FERTILIZERS.) NITRATE AGENCIES COMPANY, New York, N. Y. Filed Nov. 11, 1925.

NACO BRAND

No claim is made to the word "Brand" apart from the mark shown in the drawing.

Particular description of goods.—Fertilizer.

Claims use since Nov. 1, 1921.

Ser. No. 223,149. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) WOLVERINE BRASS WORKS, Grand Rapids, Mich. Filed Nov. 11, 1925.

"FITS-ALL"

Particular description of goods.—Hose Clamps.

Claims use since Feb. 1, 1918.

Ser. No. 223,238. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HOLDEN-LEONARD CO., New York, N. Y. Filed Nov. 13, 1925.

COVERTRAY

No claim is made to the word "Covert" apart from the mark shown.

Particular description of goods.—Worsted and Woolen Textile Fabrics.

Claims use since about Aug. 26, 1925.

Ser. No. 223,318. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) THE NAPIER CO., New York, N. Y. Filed Nov. 14, 1925.

TRIANON

Particular description of goods.—Bracelets, Vanity Cases, Powder Boxes, Cigarette Cases, and Mesh Bags. All Made Wholly or in Part of Precious Metals.

Claims use since December, 1924.

Ser. No. 223,599. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) PIONEER INSTRUMENT COMPANY, Brooklyn, N. Y. Filed Nov. 20, 1925.

PIONEER

Particular description of goods.—Aircraft Speed and Distance Indicators, Aircraft Speedometers, Electric Turn Indicators, Electric Pitch Indicators, Electric Compasses, Earth Inductor Compasses, Tachometer Systems, Electric Tachometer Systems, Electric Bomb Sights, Telemetric Apparatus, Electric Aircraft Speedometers, Electric Aircraft Speed and Distance Indicators, Accelerometers, Air Speed Recorders, Ballonet Indicators, Barographs, Navigation Calculators, Flight Indicators, Fuel-Flow Indicators, Sextants, and Tension Meters.

Claims use since Mar. 1, 1919.

Ser. No. 223,680. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) ARTPRO COMPANY, Pittsburgh, Pa. Filed Nov. 23, 1925.

FLECTRAGRAPH

Particular description of goods.—Sensitized Photographic Printing Paper.

Claims use since about Nov. 16, 1925.

Ser. No. 223,877. (CLASS 37. PAPER AND STATIONERY.) U S MANUFACTURING COMPANY, West Medford, Mass. Filed Nov. 25, 1925.

The Helping Hand

Particular description of goods.—Check-Stub Holders for Clipping Together the Stubs of Checks in Check Books.

Claims use since on or about July 24, 1925.

Ser. No. 223,882. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ASSOCIATED PHYSICIANS LABORATORIES, San Francisco, Calif. Filed Nov. 27, 1925.

KALZATONE

Particular description of goods.—Tablets to be Used in the Treatment of Acid Stomach, Gas, Heartburn, Indigestion, and Offensive Breath.

Claims use since December, 1921.

Ser. No. 223,883. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ASSOCIATED PHYSICIANS LABORATORIES, San Francisco, Calif. Filed Nov. 27, 1925.

Steri-Septol

Particular description of goods.—Alkaline Powder to be Used in the Treatment of Catarrhal Conditions of the Vaginal Mucous Membrane.
Claims use since August, 1922.

Ser. No. 223,902. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) ECONOMY TIRE CO., Oklahoma City, Okla. Filed Nov. 27, 1925.



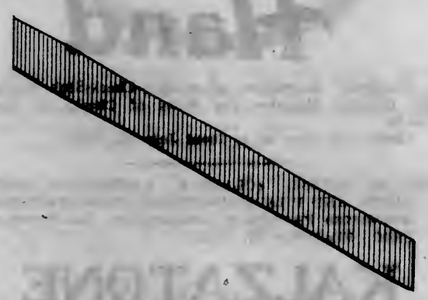
Particular description of goods.—Portable Tube Repair Kits and Fan Belts.
Claims use since about July, 1923.

Ser. No. 224,068. (CLASS 38. PRINTS AND PUBLICATIONS.) ASSOCIATED PENNSYLVANIA CONSTRUCTORS, Harrisburg, Pa. Filed Dec. 2, 1925.

HIGHWAY BUILDER

Particular description of goods.—Monthly Magazine.
Claims use since July, 1922.

Ser. No. 224,084. (CLASS 39. CLOTHING.) W. M. FINCK AND COMPANY, Detroit, Mich. Filed Dec. 2, 1925.



The drawing is lined for red.
Particular description of goods.—Work Garments—Namely, Overalls, Combination Suits, Work Shirts, Work Pants, and Coats.
Claims use since Oct. 1, 1925.

Ser. No. 224,133. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ERNEST W. ENGSTROM, doing business as Kent Hatchery, Kent, Wash. Filed Dec. 1, 1925.



The word "Chix" is disclaimed apart from the other features of the mark shown in the drawing.
Particular description of goods.—Baby Chicks.
Claims use since Jan. 1, 1925.

Ser. No. 224,177. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) ROY H. BROWNLEE, doing business as Old Faithful Company, Pittsburgh, Pa. Filed Dec. 3, 1925.

Old Faithful



FIRE EXTINGUISHER

The words "Fire Extinguisher" appearing in the mark are disclaimed apart from the other features of the mark as shown in the drawing.
Particular description of goods.—Collapsible-Tube Squirt Guns Containing a Fire-Extinguishing Chemical.
Claims use since Nov. 28, 1925.

Ser. No. 224,221. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE VITALAC CORPORATION, Detroit, Mich. Filed Dec. 3, 1925.

VITALAC

Particular description of goods.—Coagulators for the Manufacture of Cheese and Buttermilk, and Cheese.
Claims use since Oct. 12, 1925.

Ser. No. 224,306. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE TRUMBULL ELECTRIC MANUFACTURING COMPANY, Plainville, Conn. Filed Dec. 5, 1925.

Sanachina

Particular description of goods.—Soap Holders, Tumbler Holders, Grab Rails, Paper Holders, Sponge Holders, Toothbrush Holders, Dentifrice Holders, Towel Bars, Shelf Brackets, Robe Hooks, and Doorstops.
Claims use since about Sept. 15, 1925.

Ser. No. 224,319. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE HENRY BURKHARDT PACKING CO., Dayton, Ohio. Filed Dec. 7, 1925.



The word "Brand" is disclaimed apart from the other features of the mark.
Particular description of goods.—Ham and Bacon.
Claims use since Jan. 1, 1900.

Ser. No. 224,359. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) WILLIAM R. PULKINGHORN, Los Angeles, Calif. Filed Dec. 7, 1925.

SPRA-O-SAL

Particular description of goods.—Chemical Water-Treating Devices to be Connected in Water-Supply Pipe Lines or Used in Connection with Shower, Spray, and Bath Fixtures.
Claims use since Nov. 21, 1925.

Ser. No. 224,371. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN PROVISIONS EXPORT COMPANY, Chicago, Ill. Filed Dec. 8, 1925.

APEC BRAND

No claim is made to the word "Brand" apart from the mark shown.
Particular description of goods.—Lard and Meats (Dry Salt Fatbacks, Dry Salt Clear Bellies, Dry Salt Clear Backs, Dry Salt Clear Middles, Dry Salt and Sweet Pickled Picnics, Dry Salt and Sweet Pickled Shoulders, Dry Salt and Sweet Pickled Hams, Dry Salt Clear Plates, Dry Salt Regular Plates, Pickled Porkloins, Dry Salt Rib Bellies, Dry Salt Jowls, Pork Livers, Dressed Hogs, and Pork Offal.)
Claims use since Jan. 17, 1922.

Ser. No. 224,390. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



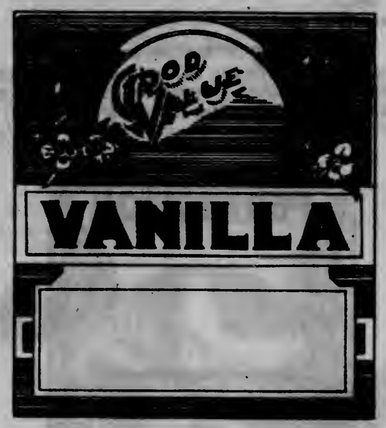
The lining of drawing is for shading only.
Particular description of goods.—Food-Flavoring Extracts.
Claims use since 1889.

Ser. No. 224,394. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



The lining of drawing is for shading only.
Particular description of goods.—Food-Flavoring Extracts.
Claims use since 1889.

Ser. No. 224,395. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK E. HARRIS CO. INC., Binghamton, N. Y. Filed Dec. 8, 1925. Under ten-year proviso.



The lining of the drawing is for shading only.
Particular description of goods.—Food-Flavoring Extracts.
Claims use since 1889.

Ser. No. 224,408. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) LOUIS S. HENDERSON, Frankford, Philadelphia, Pa. Filed Dec. 8, 1925.



The words "Byzantine" and "Quality Superb" are disclaimed apart from the mark and the manner of use shown in the drawing.
Particular description of goods.—Chenille Rugs.
Claims use since November, 1922.

Ser. No. 224,485. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MARTIN A. TINSMAN, doing business as Findlay Coffee, Tea and Spice Co., Findlay, Ohio. Filed Dec. 9, 1925.

HI-TEST

Particular description of goods.—Coffee.
Claims use since Sept. 1, 1923.

Ser. No. 224,497. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill. Filed Dec. 10, 1925.

Panachord

Particular description of goods.—Sound Records for Phonographs and Other Machines of the Record Type for Reproducing Sound.
Claims use since Dec. 1, 1925.

Ser. No. 224,503. (CLASS 39. CLOTHING.) EDW. P. CUNNINGHAM, INC., New York, N. Y. Filed Dec. 10, 1925.

Film-Felt

No claim is made to the word "Felt" apart from the mark shown.
Particular description of goods.—Men's Felt Hats.
Claims use since about Oct. 1, 1925.

Ser. No. 224,507. (CLASS 37. PAPER AND STATIONERY.) PERRY W. HEARN, doing business as United Advertising Agency, Fort Wayne, Ind. Filed Dec. 10, 1925.

INTERSTATE
FARM LEDGER

Particular description of goods.—Books for Accounting.
Claims use since May 1, 1925.

Ser. No. 224,518. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KING MILLING CO., Lowell, Mich. Filed Dec. 10, 1925.



No claim is made herein to the name "King's" apart from the mark shown in the drawing.
Particular description of goods.—Egg Mash, Chick Feed, Chick Starter, Growing Feed, Developer Feed, and Scratch Feed.
Claims use since 1923.

Ser. No. 224,533. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) THE RUDOLPH WURLITZER COMPANY, Cincinnati, Ohio. Filed Dec. 10, 1925.

WURLITZER

Particular description of goods.—Pianos, Player Pianos, Piano Players, Reproducing Pianos, Organs, Accordions, Autoharps, Automatic Harps, Alto Horns, Alto Clarinets, Bagpipes, Banjos, Banjo Mandolins, Tenor Banjos, Banjo Ukuleles, Bandonions, Baritone Horns, Bass Clarinets,

Bass Drums, Bass Viols, Bass Horns, Bassoons, Orchestra Bells, Blow Accordions, Bones, Bugles, Castanets, Cellos, Tom-Toms, Clarinets, Coaching Horns, Concert Horns, Concertinas, Cornets, Cymbals, Chinese Cymbals, Drums, English Horns, Euphoniums, Fifes, Flageolets, Flutes, Folding Organs, Chimes Gongs, Guitars, Banjo Guitars, Hawaiian Guitars, Mouth Organs and Flute Harmonicas, Harps, Hautboys, Helicons, Jew's-Harps, Kazoos, Kettledrums, Mandolins, Marimbas, Melophones, Metronomes, Oboes, Ocarinas, Piccolos, Saxophones, Sarrusophones, Slide Trombones, Tambourines, Talking Machines, Talking-Machine Needles, Trombones, Trumpets, Tuning Forks, Tuning Pipes, Tympani, Ukuleles, Violas, Violins, Violoncellos, Violin Bows, Xylophones, Zithers, and Strings and Parts of Such Musical Instruments.
Claims use since Jan. 1, 1857.

Ser. No. 224,563. (CLASS 15. OILS AND GREASES.) LEWIS C. JAMIESON, doing business as Viking Oil Company, Warren, Pa. Filed Dec. 11, 1925.



The word "Brand" is disclaimed apart from the mark shown.
Particular description of goods.—Oils and Greases—To Wit, Gasoline, Naphtha, Fuel Oil, Illuminating Oil, Motor Oils, Steam Refined Stock, Bright Stock, Filtered Stock, Neutral Oils, Cylinder Oils, Engine Oil, Machine Oil, Cutting Oils, Floor Oils, Paraffin Wax, Petrolatum, Lubricating Greases, Cup Greases, Shafting Greases, Set Greases; Gear, Cable, and Transmission Greases; Lubricating Oils and Greases Generally.
Claims use since Jan. 1, 1923.

Ser. No. 224,619. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE PEROLIN COMPANY OF AMERICA, Chicago, Ill. Filed Dec. 12, 1925.

SANDIT

The Sand Blast Flue Cleaner

The words "The Sand Blast Flue Cleaner" are disclaimed apart from the mark as shown in the drawing.
Particular description of goods.—Flue Cleaners.
Claims use since Oct. 1, 1925.

Ser. No. 224,635. (CLASS 38. PRINTS AND PUBLICATIONS.) THE UNITED PRINTING COMPANY, Youngstown, Ohio. Filed Dec. 12, 1925.

YOUNGSTOWN
SHOPPERS GUIDE

Particular description of goods.—Weekly Publication.
Claims use since Dec. 1, 1925.

Ser. No. 224,648. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE BASTIAN-BLESSING COMPANY, Chicago, Ill. Filed Dec. 14, 1925.

REGO

Particular description of goods.—Self-Contained Fire Extinguishers.
Claims use since Nov. 2, 1925.

Ser. No. 224,756. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE GEORGE TRITCH HARDWARE COMPANY, Denver, Colo. Filed Dec. 16, 1925.

TRIED AND TRUE



Particular description of goods.—Tin Plate and Solder.
Claims use since Jan. 1, 1891.

Ser. No. 224,757. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE GEORGE TRITCH HARDWARE COMPANY, Denver, Colo. Filed Dec. 16, 1925.

RAINBOW

Particular description of goods.—Trout Flies and Leaders.
Claims use since Sept. 1, 1919.

Ser. No. 224,768. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. JAMES KUMLER, doing business as General Brokers, Detroit, Mich. Filed Dec. 16, 1925.

JAP FAT CAPS

Particular description of goods.—Medicine for Reducing Superfluous Fat.
Claims use since December, 1921.

Ser. No. 224,784. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SCOTT LOGAN MILLING CO., Sheldon, Iowa. Filed Dec. 16, 1925.

SEA FOAM

Particular description of goods.—Wheat Flour.
Claims use since 1883.

Ser. No. 224,881. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) REISCH BREWING COMPANY, Springfield, Ill. Filed Dec. 18, 1925.



Particular description of goods.—Beer.
Claims use since Jan. 1, 1903.

Ser. No. 224,894. (CLASS 39. CLOTHING.) BERNE MANUFACTURING COMPANY, Berne, Ind. Filed Dec. 19, 1925.



Particular description of goods.—Textile and Knit Underwear; Gloves Made of Leather, Fabric, or Rubber or Combinations Thereof; Vests, Overcoats, Sweaters, Pants; Caps for Men, Women, and Children; Hoods, Blouses, and Hosiery.
Claims use since Jan. 2, 1925.

Ser. No. 224,905. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRED DAEPPEN, Lausanne, Switzerland. Filed Dec. 19, 1925.



The words "Trade-Mark, Emulsion of Fresh Eggs, Fred Daeppen, Lausanne, Switzerland, Contains 18% Alcohol by Volume Fowler's Solution 3 Minims Per Fl. Oz. Net Contents 15 Fluid Ounces" are disclaimed apart from the mark as shown.
Particular description of goods.—General Medicinal Tonic.
Claims use since Oct. 12, 1925.

Ser. No. 224,913. (CLASS 45. BEVERAGES, NONALCOHOLIC.) THE HENNEY'S ORIGINAL FRUIT CUP CO., New Haven, Conn. Filed Dec. 19, 1925.



No claim is made to the words "Hof-Cup" "Beverages," or "Henney's Original Fruit Cup" apart from the mark shown.
Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks and Sirups, Extracts, and Flavors Used in the Preparation of Same.
Claims use since Oct. 26, 1925.

Ser. No. 224,956. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COMMANDER MILL COMPANY, Minneapolis, Minn. Filed Dec. 21, 1925.

COMMANDER

Particular description of goods.—Semolinas, Durum Feed, Durum Flour, Wheat Offals, Rye Feed, and Rye Flour.
Claims use since about Sept. 28, 1923.

Ser. No. 224,967. (CLASS 39. CLOTHING.) J. J. GROVER'S SONS COMPANY, Lynn, Mass. Filed Dec. 21, 1925

GROVER — SUPER — TURN SHOE

Applicant disclaims the exclusive right to the use of the words "Turn Shoe."
Particular description of goods.—Women's, Misses', and Children's Shoes Made Wholly or in Part of Leather and Cloth.
Claims use since July 25, 1925.

Ser. No. 224,971. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN F. HUBER, Racine, Wis. Filed Dec. 21, 1925.



Particular description of goods.—Corn, Bunion, and Callus Remedy.
Claims use since Aug. 15, 1925.

Ser. No. 224,986. (CLASS 39. CLOTHING.) OTIS COMPANY, Ware and Three Rivers, Mass. Filed Dec. 21, 1925.

DURA-CHINE

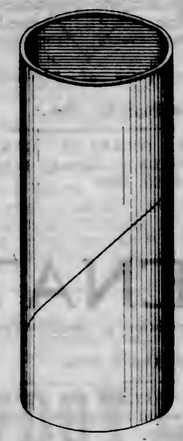
Particular description of goods.—Knitted Underwear for Women and Children.
Claims use since Nov. 27, 1925.

Ser. No. 225,010. (CLASS 39. CLOTHING.) FRANKLIN SIMON & CO. INC., New York, N. Y. Filed Dec. 22, 1925.



The word "Boivin" is disclaimed apart from the mark shown.
Particular description of goods.—Men's and Boys' House Coats, Waistcoats, Smoking Jackets, Overcoats, Hunting Coats, Tuxedo Suits, Sack Suits, Norfolk Suits, Trousers, Knitted and Textile Underwear; Women's, Girls', and Misses' Dresses, Tailored Suits, Sport Coats, Suits, Skirts, Corsets, Knitted and Textile Negligees; and Men's, Women's, Misses', and Boys' Sweaters, Mufflers, Ties, Scarfs, Collars, Hosiery, Golf Suits, Riding Suits, Walking Suits, Swimming Suits, Hats, Caps, Blouses, Jumpers, Knickerbockers, Raincoats, Capes, and Bath Robes; and Men's, Women's, Boys', and Girls' Shoes, Boots, Gloves, Slippers, Leggings, Putties, Made out of Leather, Rubber, Canvas, Buckskin, or Linen or Composition of Similar Material.
Claims use since Nov. 16, 1925.

Ser. No. 225,029. (CLASS 37. PAPER AND STATIONERY.) NORTHERN PAPER MILLS, Green Bay, Wis. Filed Dec. 22, 1925.



The picture of the core is disclaimed apart from the showing of the blue interior. The trade-mark consists of an arbitrarily-colored blue core.
Particular description of goods.—Toilet Paper.
Claims use since Dec. 7, 1925.

Ser. No. 225,237. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PABST CORPORATION, Milwaukee, Wis. Filed Dec. 28, 1925.

CHEESETT

Particular description of goods.—Food Product Similar to Cheese, But Containing All Ingredients Found in Milk, to be Used as a Sandwich Spread.
Claims use since Dec. 12, 1925.

Ser. No. 225,270. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) LISK MANUF'G. CO. LIMITED, Canandaigua, N. Y. Filed Dec. 29, 1925.



Particular description of goods.—Washboilers and Washtubs.
Claims use since July 1, 1892.

Ser. No. 225,280. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) REED MANUFACTURING CO., Newark, N. Y. Filed Dec. 29, 1925.

REED

Particular description of goods.—Washboilers and Washtubs.
Claims use since Sept. 25, 1890.

Ser. No. 225,288. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) GABRIEL PATRICK SENA, Gary, Ind. Filed Dec. 29, 1925.

SENATO

Particular description of goods.—Table Game Played with Pieces.
Claims use since Dec. 2, 1924.

Ser. No. 225,290. (CLASS 38. PRINTS AND PUBLICATIONS.) TROPIC PUBLISHING COMPANY, Miami, Fla. Filed Dec. 29, 1925.

TROPIC MAGAZINE

The word "Magazine" is disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Monthly Magazine.
Claims use since Dec. 1, 1914.

Ser. No. 225,296. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AVRI DRUG & CHEMICAL COMPANY, Jersey City, N. J. Filed Dec. 30, 1925.

AVRI

Particular description of goods.—Drugs, Chemicals, Essential Oils, Pharmaceuticals, Fluid Extracts, Elixirs, Ointments, Pills; Tablets—Namely, Boric, Oxalic and Tartaric Acids; Alum; Anise, Caraway, Fennel, and Sun Flower Seed and Flaxseed; Carlsbad, Epsom, and Rochelle Salts; and Saltpeter; Catnip, Chalk Precipitated, Chalk and Orris, Camomile Flowers, Powdered Licorice, Cream of Tartar, French Chalk, Henna Leaves, Fuller's Earth, Insect Powder, Mustard, Potassium Chlorate, Senna Leaves and Pods, Sodiums Fluoride, Phosphate and Sulphate, Sugar of Milk, Sulphur Flowers, Zinc Stearate, Bay Rum, Burows Solution, Camphorated Oil, Cascara, Castor Oil, Coconut Oil, Cod-Liver Oil, Chloroform Liniment, Dobell's Solution, Essence Ginger, Glycerin, Javelle Water, Mineral Oil Russian, Brown Mixture, Rhubarb and Soda Mixture, Oil Citronella, Paregoric, Spirits of Ammonia, Spirits of Camphor, Spirits Niter; Tinctures Arnica, Benzoin, Green Soap, and Iodine; Witch-Hazel, Ointments for Burns and Poison Infection, Cold Creams, Hair Tonics, Cedar Thalene, and Liquid Corn Remover.
Claims use since January, 1916.

Ser. No. 225,301. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GILMAN FANFOLD CORPORATION, LIMITED, Toronto, Ontario, Canada, and Niagara Falls, N. Y. Filed Dec. 30, 1925.

CONTROL-O-FORM

Particular description of goods.—Aligning Machines for Aligning and Registering Webs of Paper, Especially Superposed Webs Having Printed Forms for Making Manifold Copies.
Claims use since Nov. 27, 1925.

Ser. No. 225,311. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE MCCREERY CREAMERY COMPANY, Urbana, Ohio. Filed Dec. 30, 1925.

RADIO CREAM CHEESE

No rights are claimed to the words "Cream Cheese" except in association with the other features of the mark.
Particular description of goods.—Cheese.
Claims use since Aug. 11, 1923.

Ser. No. 225,314. (CLASS 39. CLOTHING.) THOMAS C. MURPHY, Green Bay, Wis. Filed Dec. 30, 1925.

The Janete Co REG'D

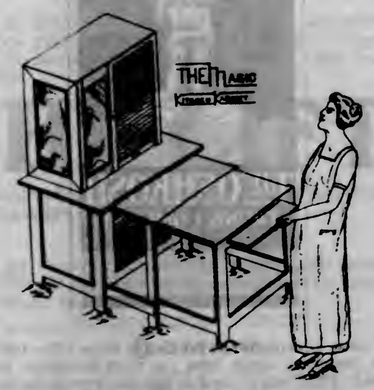
No claim is made to the words "The" and "Co" and "Reg'd" apart from the mark as shown.
Particular description of goods.—Women's Clothing—Namely, Chemise, Knit Dresses, Nightgowns, Knee Bloomers, Knitted Union Suits, Knicker Bloomers, Undervests, Shadowproof Slips, Pyjamas, Underskirts, and Step-Ins.
Claims use since July 1, 1925.

Ser. No. 225,318. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) REISS-PREMIER PIPE CO., New York, N. Y. Filed Dec. 30, 1925.

THE DRINKLESS PIPE

No claim is made to the word "Pipe" apart from the mark shown in the drawing.
Particular description of goods.—Pipes.
Claims use since May 1, 1924.

Ser. No. 225,333. (CLASS 32. FURNITURE AND UPHOLSTERY.) JOHN VIDETTA, Weehawken, N. J. Filed Dec. 30, 1925.



No claim is made to the words "Kitchen Kabinet" and the representation of the kitchen cabinet aside and apart from the mark shown.
Particular description of goods.—Kitchen Cabinets, Household Tables, Table Attachments for Beds, and Similar Articles of Furniture.
Claims use since Dec. 1, 1925.

Ser. No. 225,336. (CLASS 15. OILS AND GREASES.) JOSEPH A. YOUNG, doing business as Daisy Products Company, Bellevue, Pa. Filed Dec. 30, 1925.

DAISY PENETRATING OIL

No claim is made to the words "Penetrating Oil" apart from the mark shown.
Particular description of goods.—Oil Composition Used for Lubricating, Solvent, Coating, Rust Cutting and Preventing, Surface Preserving and Polishing.
Claims use since on or about Aug. 17, 1922.

Ser. No. 225,388. (CLASS 38. PRINTS AND PUBLICATIONS.) WESTERN STORIES PUBLISHING CORPORATION, New York, N. Y. Filed Dec. 31, 1925.

COWBOY LIFE

Trade-mark consists of the words "Cowboy Life."
Particular description of goods.—Quarterly Magazine.
Claims use since Dec. 21, 1925.

Ser. No. 225,389. (CLASS 38. PRINTS AND PUBLICATIONS.) WESTERN STORIES PUBLISHING CORPORATION, New York, N. Y. Filed Dec. 31, 1925.

RANCH ROMANCES

Trade-mark consists of the words "Ranch Romances."
Particular description of goods.—Monthly Magazine.
Claims use since Nov. 15, 1924.

Ser. No. 225,404. (CLASS 38. PRINTS AND PUBLICATIONS.) EXPERIMENTER PUBLISHING COMPANY, INC., New York, N. Y. Filed Jan. 2, 1926.

RADIO NEWS
Amateurs' Handibook

"Radio News Amateurs' Handibook."
Particular description of goods.—Annual Publication.
Claims use since Jan. 6, 1924.

Ser. No. 225,497. (CLASS 38. PRINTS AND PUBLICATIONS.) ROBERT G. WALKER, St. Louis, Mo. Filed Jan. 4, 1926.

The Southern Dry Goods Merchant

Particular description of goods.—Monthly Publication.
Claims use since July, 1925.

Ser. No. 225,514. (CLASS 15. OILS AND GREASES.) INDEPENDENT OIL AND GAS COMPANY, Tulsa, Okla. Filed Jan. 5, 1926.

IndOlene

Particular description of goods.—Gasoline, Kerosene, and Other Liquid Motor Fuel.
Claims use since May, 1925.

Ser. No. 225,515. (CLASS 15. OILS AND GREASES.) INDEPENDENT OIL AND GAS COMPANY, Tulsa, Okla. Filed Jan. 5, 1926.

IndOlube

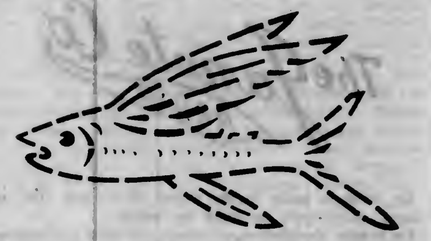
Particular description of goods.—Axle Greases, Gear Greases, and Lubricating Greases and Lubricating and Fuel Oils.
Claims use since May, 1925.

Ser. No. 225,580. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) STANDARD VARNISH WORKS, New York, N. Y. Filed Jan. 6, 1926.

SVW

Particular description of goods.—Varnishes, Paint Enamels, Lacquers, Stains, and Dry, Ready-Mixed, and Paste Paints.
Claims use since July, 1925.

Ser. No. 225,626. (CLASS 15. OILS AND GREASES.) TIDE WATER OIL COMPANY, Bayonne, N. J., and New York, N. Y. Filed Jan. 7, 1926.



Particular description of goods.—Gasoline, Kerosene, Naphtha, Lubricating Oils, and Lubricating Greases.
Claims use since June 1, 1920.

Ser. No. 225,638. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BALSTONE COOKE AND COMPANY (1924) LIMITED, Manchester, England. Filed Jan. 8, 1926.

RAYVEL

Particular description of goods.—Piece Goods Composed Wholly or Mainly of Cotton, Wood Pulp, Viscose, or Cellulose.
Claims use since Dec. 7, 1925.

Ser. No. 225,673. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) THE OSHKOSH TRUNK COMPANY, Oshkosh, Wis. Filed Jan. 8, 1926.



No claim is made to the corporate name "The Oshkosh Trunk Company" apart from the mark as shown in the drawing. The mark consists of the representation of an Indian standing above a plurality of horizontally-disposed alternating red and yellow bands or stripes.
Particular description of goods.—Wardrobe Trunks, Dress Trunks, Cabin or Steamer Trunks; Shoe, Shirt-Waist, and Hat Trunks; Hat Trunks, Shoe or Boot Trunks, and Hand Luggage, Such as Visiting Cases, Portable Wardrobe Trunks, and Taxi Trunks.
Claims use since early part of October, 1925.

Ser. No. 225,691. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) THE AMERICAN SILVER COMPANY, Bristol, Conn. Filed Jan. 9, 1926.

A. S. Co. 1857

Particular description of goods.—Plated Tableware—Namely, Spoons, Forks, Knives, and Ladles.
Claims use since about June 1, 1925.

Ser. No. 225,708. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HERBERT F. GOODRICH, doing business as Goodrich Drug Co., Anoka, Minn. Filed Jan. 9, 1926.

HOFF'S

Particular description of goods.—Liniment.
Claims use since Dec. 11, 1889.

Ser. No. 225,777. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) E. I. DUPONT DE NEMOURS AND COMPANY, Wilmington, Del. Filed Jan. 11, 1926.

PYRALIN

Particular description of goods.—Pyroxylin Enamels.
Claims use since Aug. 20, 1917.

Ser. No. 225,799. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) NORTHERN ENGINEERING WORKS, Detroit, Mich. Filed Jan. 11, 1926.

HI-LIFT

Particular description of goods.—Cranes and Hoists.
Claims use since Dec. 10, 1925.

Ser. No. 225,878. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FIDELITY HOP & MALT COMPANY, Chicago, Ill. Filed Jan. 13, 1926.



Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since Dec. 2, 1924.

Ser. No. 225,879. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FIDELITY HOP & MALT COMPANY, Chicago, Ill. Filed Jan. 13, 1926.



Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since Oct. 15, 1920.

Ser. No. 225,886. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) MAURICE LEVY, New York, N. Y. Filed Jan. 13, 1926.

POPPY

Particular description of goods.—Powder Puffs.
Claims use since July, 1925.

Ser. No. 225,889. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RELIANCE MALT PRODUCTS CO., Chicago, Ill. Filed Jan. 13, 1926.



Particular description of goods.—Malt Extract for Food Purposes.
Claims use since Dec. 4, 1924.

Ser. No. 225,893. (CLASS 15. OILS AND GREASES.) STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed Jan. 13, 1926.

SNOWFLAKE

Particular description of goods.—Candles.
Claims use since 1898.

Ser. No. 225,895. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) JOSEPH STRAUSS COMPANY, INC., Buffalo, N. Y. Filed Jan. 13, 1926.

BULLDOG

Particular description of goods.—Battery Hydrometers.
Claims use since Nov. 9, 1925.

Ser. No. 225,927. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JUNGE BAKING COMPANY, Joplin, Mo. Filed Jan. 14, 1926.



Particular description of goods.—Cakes and Crackers.
Claims use since Aug. 1, 1925.

Ser. No. 225,943. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CLARENCE SAUNDERS CORPORATION, Memphis, Tenn. Filed Jan. 14, 1926.

SunnyBoy

Trade-mark consists of the words "Sunny Boy."
Particular description of goods.—Bread.
Claims use since about Sept. 1, 1925.

Ser. No. 225,956. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) FOUR ROSES PRODUCTS COMPANY, Cincinnati, Ohio. Filed Jan. 15, 1926.

FOUR ROSES

Particular description of goods.—Malt Sirup for Beverage Purposes.
Claims use since Nov. 4, 1925.

Ser. No. 225,959. (CLASS 39. CLOTHING.) JANTZEN KNITTING MILLS, Portland, Oreg. Filed Jan. 15, 1926.



The name "Jantzen" is a facsimile of surname of the autographed signature of Carl C. Jantzen. The lining of drawing indicates the color red.
Particular description of goods.—Bathing Suits, Knitted Sweater Coats; Gloves of Leather, Rubber, Fabric, and a Combination Thereof; Suits for Men, Women, and Children; Underwear of Textile Fabric, Robes, Hosiery, Hats, Caps, for Men, Women, and Children.
Claims use since May 28, 1920.

Ser. No. 225,961. (CLASS 39. CLOTHING.) LIBERTY GARMENT COMPANY, Kansas City, Mo. Filed Jan. 15, 1926.

Lookneet
I COMES
LOT
SIZE

No claim is made to the exclusive use of the words "Lot" and "Size."
Particular description of goods.—Aprons and Dresses.
Claims use since Oct. 1, 1923.

Ser. No. 225,966. (CLASS 13. HARDWARE, PLUMBING, AND STEAM-FITTING SUPPLIES.) SCOTT H. PERRY, Batavia, N. Y. Filed Jan. 15, 1926.

STOP-U-DOOR

Particular description of goods.—Doorstops.
Claims use since Dec. 3, 1925.

Ser. No. 225,969. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) PITTSBURGH PLATE GLASS COMPANY, RENNOUS-KLEINLE DIVISION, Baltimore, Md. Filed Jan. 15, 1926.

ARCADIA

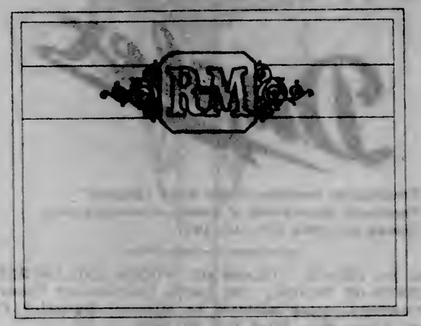
Particular description of goods.—Artists' Calcimine, Counter Dusters, Fitch, Fresco, Floor Sweeps, Flowing, Furniture-Rubbing, Paint, Glue, Paste, Painter Dusters; Paper-Hangers', Plasterers', Radiator, Roof, Sash, Ship-Seaming, Stair Dusters, Stucco, Stencil, Stippling, Varnish, Whitewash, and Washing Brushes.
Claims use since Nov. 14, 1922.

Ser. No. 225,973. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) HORACE T. POTTS & Co., Philadelphia, Pa. Filed Jan. 15, 1926.

POTTS JJ

No claim is made to the word "Potts" apart from the mark shown.
Particular description of goods.—Bar Steel.
Claims use since 1923.

Ser. No. 225,978. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) RINSHED-MASON CO., Detroit, Mich. Filed Jan. 15, 1926.



Particular description of goods.—Varnish Products.
Claims use since about January, 1925.

Ser. No. 225,986. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) TRUVY, INC., New York, N. Y. Filed Jan. 15, 1926.

Evening Shade

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, Lip Sticks, Eyebrow Pencils, Incenses, and Sachets.
Claims use since Dec. 23, 1925.

Ser. No. 225,993. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) BLANCARD & CO., INC., Newark, N. J. Filed Jan. 16, 1926.

Lohengrin

Particular description of goods.—Wedding Rings.
Claims use since Sept. 1, 1925.

Ser. No. 225,994. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) BLANCARD & CO., INC., Newark, N. J. Filed Jan. 16, 1926.



Particular description of goods.—Finger Rings.
Claims use since July 1, 1925.

Ser. No. 226,054. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GRENNAN BAKERIES INC., Detroit, Mich. Filed Jan. 18, 1926.

BOB-LO

Particular description of goods.—Cakes, Fried Cakes, and Cookies.
Claims use since about June 11, 1925.

Ser. No. 226,067. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JAMES MANGEL, doing business as White Cross Salve Co., San Diego, Calif. Filed Jan. 18, 1926.

WHITE CROSS

Trade-mark consists of the words "White Cross" with a design of a white cross on a green ground surrounded by a wreath printed in green colors.
Particular description of goods.—Healing Salve and Ointment.
Claims use since Apr. 2, 1921.

Ser. No. 226,074. (CLASS 7. CORDAGE.) PACIFIC WIRE ROPE CO., Los Angeles, Calif. Filed Jan. 18, 1926.

"SUPER-STEEL"

No claim is made to the descriptive term "Steel" apart from the mark as shown in the drawing.
Particular description of goods.—Wire Rope, Cable Guy Strand.
Claims use since June 20, 1922.

Ser. No. 226,119. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALVA MORSE, Washington, D. C. Filed Jan. 20, 1926.



No claim is made to the words "Homemade Pickles" and "Prepared by Alva Morse" apart from the mark as shown.
Particular description of goods.—Pickles.
Claims use since Jan. 16, 1926.

Ser. No. 226,121. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) AMERICAN ACOUSTIC CORPORATION, New York, N. Y. Filed Jan. 20, 1926.

HEARITE

Particular description of goods.—Electrical Devices for Assisting the Hearing.
Claims use since Dec. 6, 1925.

Ser. No. 226,125. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FREDERICK L. BRIGHAM, New York, N. Y. Filed Jan. 20, 1926.



Particular description of goods.—Elastic-Webbing Textile-Fabrics, Piece Goods.
Claims use since Sept. 1, 1925.

Ser. No. 226,156. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) OXZYN COMPANY, New York, N. Y. Filed Jan. 20, 1926.



Particular description of goods.—Powder Puffs.
Claims use since November, 1918.

Ser. No. 226,163. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) REMFA CO., Portland, Oreg. Filed Jan. 20, 1926.

REMFA

Particular description of goods.—Preparation for Colds, Headaches, Grippe, Toothache, Neuralgia, Earache, Lumbago, Sciatica, and Rheumatism.
Claims use since Dec. 9, 1925.

Ser. No. 226,171. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ST. LOUIS INDEPENDENT PACKING COMPANY, doing business as Missouri Butterine Co., St. Louis, Mo. Filed Jan. 20, 1926.

Duplex

Trade-mark consists of the word "Duplex."
Particular description of goods.—Oleomargarine.
Claims use since Nov. 16, 1917.

Ser. No. 226,172. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ST. LOUIS INDEPENDENT PACKING COMPANY, doing business as Missouri Butterine Co., St. Louis, Mo. Filed Jan. 20, 1926.

WORKWELL

Trade-mark consists of the word, "Workwell."
Particular description of goods.—Oleomargarine.
Claims use since Apr. 27, 1920.

Ser. No. 226,180. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) WARNER HARDWARE SPECIALTY CO., Kansas City, Mo. Filed Jan. 20, 1926.

19151/2

Particular description of goods.—Screen Hanger Sets.
Claims use since Nov. 1, 1921.

Ser. No. 226,204. (CLASS 15. OILS AND GREASES.) MITCHEL OIL COMPANY OF NEW JERSEY, Kearney, N. J. Filed Jan. 21, 1926.



Particular description of goods.—Internal-Combustion-Engine Fuels.
Claims use since December, 1924.

Ser. No. 226,214. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) STOVER MANUFACTURING & ENGINE CO., Freeport, Ill. Filed Jan. 21, 1926.



The mark consists in coloring the headplate of the mop clamp red, as illustrated by the shade lines on the drawing, in contrast to the remainder of the mop. No claim is made to the representation of goods.
Particular description of goods.—Mops and Handles Therefor.
Claims use since Dec. 8, 1925.

Ser. No. 226,223. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) BERNARD RICE'S SONS, INC., New York, N. Y. Filed Jan. 22, 1926.

BeauXardt

Particular description of goods.—Silver Hollow Ware.
Claims use since Jan. 3, 1926.

Ser. No. 226,231. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE COFFEE MAID CORPORATION, Louisville, Ky. Filed Jan. 22, 1926.



Particular description of goods.—Device for Making Coffee.
Claims use since Oct. 6, 1925.

Ser. No. 226,233. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE EGYPTIAN LACQUER MANUFACTURING COMPANY, New York, N. Y. Filed Jan. 22, 1926.

OBELISK

Particular description of goods.—Lacquers, Lacquer Enamels, and Lacquer Thinners.
Claims use since January, 1895.

Ser. No. 226,234. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE EGYPTIAN LACQUER MANUFACTURING COMPANY, New York, N. Y. Filed Jan. 22, 1926.

ISIS

Particular description of goods.—Lacquers, Lacquer Enamels, and Lacquer Thinners.
Claims use since January, 1906.

Ser. No. 226,235. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE EGYPTIAN LACQUER MANUFACTURING COMPANY, New York, N. Y. Filed Jan. 22, 1926.

RAMESIAN

Particular description of goods.—Lacquers, Lacquer Enamels, and Lacquer Thinners.
Claims use since January, 1906.

Ser. No. 226,236. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE EGYPTIAN LACQUER MANUFACTURING COMPANY, New York, N. Y. Filed Jan. 22, 1926.

SPHYNX

Particular description of goods.—Lacquers, Lacquer Enamels, and Lacquer Thinners.
Claims use since January, 1895.

Ser. No. 226,276. (CLASS 39. CLOTHING.) RICHMOND WOLLSTEIN, Rome, Ga. Filed Jan. 22, 1926.

RICHWOVEN

No claim is made to the word "Woven" apart from the mark shown.
Particular description of goods.—Hosiery.
Claims use since Dec. 15, 1925.

Ser. No. 226,281. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE DILL COMPANY, Norristown, Pa. Filed Jan. 23, 1926.

Dilnorpa

Particular description of goods.—Toilet Articles—Namely, Shaving-Soap, Cream, and Shaving Sticks.
Claims use since March, 1922.

Ser. No. 226,292. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LAWRENCEBURG ROLLER MILLS CO., Lawrenceburg, Ind. Filed Jan. 23, 1926.

GOLDEN BULL

Particular description of goods.—Mixed Feeds, Middlings, Bran, and Ground Screenings.
Claims use since Aug. 5, 1918.

Ser. No. 226,304. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE ROBERTSON BLEACHERY & DYE WORKS, INC., New Milford, Conn. Filed Jan. 23, 1926.

Roberayo

Particular description of goods.—Artificial-Silk Striped Broadcloth in the Piece and Colored-Yarn Broadcloth in the Piece.
Claims use since Nov. 11, 1925.

Ser. No. 226,315. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) GUY A. VAN WORMER, doing business as Van's Va-Wa-Co, Frankfort, Mich. Filed Jan. 23, 1926.

Va-Wa-Co

Particular description of goods.—Preparation to Prevent Steaming and Frosting of Glass.
Claims use since Nov. 15, 1925.

Ser. No. 226,385. (CLASS 2. RECEPTACLES.) CYCLONE FENCE COMPANY, Waukegan, Ill. Filed Jan. 25, 1926.

Cyclone

Particular description of goods.—Wire Baskets.
Claims use since 1894.

Ser. No. 226,348. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed Jan. 25, 1926.

DUAL

Particular description of goods.—Sinkers for Fishing Lines.
Claims use since Jan. 6, 1926.

Ser. No. 226,394. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass. Filed Jan. 25, 1926.

DECORET

Particular description of goods.—Brushes for Painting, Varnishing, or Applying Various Liquids, and for Cleaning, Polishing, and Sweeping.
Claims use since on or about Sept. 1, 1915.

Ser. No. 226,397. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass. Filed Jan. 25, 1926.

SUNOL

Particular description of goods.—Brushes for Painting, Varnishing, or Applying Various Liquids and for Cleaning, Polishing, and Sweeping.
Claims use since on or about Aug. 1, 1911.

Ser. No. 226,398. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass. Filed Jan. 25, 1926.

URBAN

Particular description of goods.—Brushes for Painting, Varnishing, or Applying Various Liquids and for Cleaning, Polishing, and Sweeping.
Claims use since on or about Sept. 1, 1914.

Ser. No. 226,399. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass. Filed Jan. 25, 1926.

AVALON

Particular description of goods.—Brushes for Painting, Varnishing, or Applying Various Liquids and for Cleaning, Polishing, and Sweeping.
Claims use since on or about Aug. 1, 1911.

Ser. No. 226,406. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass. Filed Jan. 25, 1926.

CASCADE

Particular description of goods.—Brushes for Painting, Varnishing, or Applying Various Liquids and for Cleaning, Polishing, and Sweeping.
Claims use since on or about Sept. 1, 1914.

Ser. No. 226,433. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE LA SALLE COMPANY, St. Paul, Minn. Filed Jan. 26, 1926.

Collejet

Particular description of goods.—Perfumes, Toilet Waters, Face Creams, Talcum Powder, Face Powder, and Hair Tonic.
Claims use since Jan. 15, 1926.

Ser. No. 226,434. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE LA SALLE COMPANY, St. Paul, Minn. Filed Jan. 26, 1926.

TRUSO

Particular description of goods.—Perfumes, Toilet Waters, Face Creams, Talcum Powder, Face Powder, and Hair Tonic.
Claims use since Jan. 15, 1926.

Ser. No. 226,544. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE FISCHER SOAP AND OIL COMPANY, Cincinnati, Ohio. Filed Jan. 28, 1926.



Applicant disclaims the words "The Best Soap in the World Made in Cincinnati," "Fischer's," and "Trade-Mark Reg." appearing on the drawing.
Particular description of goods.—Soap.
Claims use since Sept. 1, 1921.

Ser. No. 226,545. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE FISCHER SOAP AND OIL COMPANY, Cincinnati, Ohio. Filed Jan. 28, 1926.



Applicant disclaims apart from the mark shown the words "Fischer's Pure Cocoanut Oil," "Liquid Soap," "Trade-Mark Reg.," and "The Best Soap in the World Made in Cincinnati" appearing on the drawing.
Particular description of goods.—Soap.
Claims use since Sept. 1, 1921.

Ser. No. 226,568. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SOCIÉTÉ ANONYME D'ONCH, Courbevoie, France. Filed Jan. 28, 1926.

520

Particular description of goods.—Perfumes and Toilet Waters.
Claims use since Sept. 28, 1925.

Ser. No. 226,581. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE HASKELL SILK CO., Westbrook, Me. Filed Jan. 29, 1926.

BETTINA

Particular description of goods.—Silk and Rayon Mixed Goods in the Piece.
Claims use since Nov. 1, 1925.

Ser. No. 226,603. (CLASS 38. PRINTS AND PUBLICATIONS.) THE RONALD PRESS COMPANY, New York, N. Y. Filed Jan. 29, 1926.

MANUFACTURING INDUSTRIES

Particular description of goods.—Monthly Magazine.
Claims use since on or about Jan. 2, 1926.

Ser. No. 226,627. (CLASS 38. PRINTS AND PUBLICATIONS.) BUDDEMANN BROTHERS, INC., Chicago, Ill. Filed Jan. 30, 1926.

MOTOR CLUB YESTERDAY'S COFFEE TODAY

Particular description of goods.—Monthly Publication.
Claims use since Nov. 28, 1925.

Ser. No. 226,631. (CLASS 32. FURNITURE AND UPHOLSTERY.) CHICAGO MIRROR & ART GLASS CO., Chicago, Ill. Filed Jan. 30, 1926.

Art Craft

Particular description of goods.—Mirrors.
Claims use since Jan. 1, 1905.

Ser. No. 226,646. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) GENERAL X-RAY COMPANY, Boston, Mass. Filed Jan. 30, 1926.



Particular description of goods.—X-Ray, Physio-Therapy, and Electromedical Apparatus.
Claims use since June 9, 1924.

Ser. No. 226,651. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) E. J. HART & CO. LTD., New Orleans, La. Filed Jan. 30, 1926. Under ten-year proviso.

HART'S ALIMENTARY ELIXIR

Particular description of goods.—General Tonic.
Claims use since 1875.

Ser. No. 226,710. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BINNEY & SMITH COMPANY, New York, N. Y. Filed Feb. 1, 1926.

FUMONEX

Particular description of goods.—Black Pigments for Rubber, Paint, Ink, Composition Work, Etc.
Claims use since Jan. 1, 1926.

Ser. No. 226,718. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CHESEBROUGH MANUFACTURING CO. (CONSOLIDATED), New York, N. Y. Filed Feb. 1, 1926.





No claim is made in this registration to the words "Trade-Mark," "New York," "U. S. A.," "Pomade," and "An Excellent Preservative for the Hair" apart from the mark shown in the drawing. The lining is intended to indicate shading only.
Particular description of goods.—Pomade.
Claims use since Sept. 12, 1902.

Ser. No. 226,722. (CLASS 31. FILTERS AND REFRIGERATORS.) GIBSON REFRIGERATOR COMPANY, Greenville, Mich. Filed Feb. 1, 1926.

GOOD HOUSEKEEPING

Particular description of goods.—Refrigerators.
Claims use since Jan. 14, 1926.

Ser. No. 226,723. (CLASS 33. GLASSWARE.) T. G. HAWKES & Co., Corning, N. Y. Filed Feb. 1, 1926.



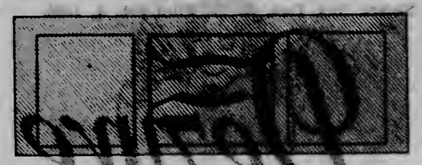
Particular description of goods.—Cut Glass and Engraved Glass.
Claims use since July 1, 1880.

Ser. No. 226,762. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CASMITH REMEDY COMPANY, doing business as Washington Belle Toilet Co., Washington, D. C. Filed Feb. 2, 1926.



Particular description of goods.—Hair-Straightening Preparation, Skin Bleach, Face Powder, and Cleansing Cream.
Claims use since Jan. 3, 1926.

Ser. No. 226,764. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) MORRIS COHEN, doing business as Crystal Chemical Co., Newark, N. J. Filed Feb. 2, 1926.



The trade-mark is lined to indicate the color green.
Particular description of goods.—Soap.
Claims use since Nov. 20, 1921.

Ser. No. 226,773. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) R. E. JONES, doing business as Dr. R. E. Jones Baking Powder Co., St. Louis, Mo. Filed Feb. 2, 1926.

R. E. Jones M. D.

The trade-mark is [illegible] of application.
Particular description of goods.—Baking Powder.
Claims use since Nov. 28, 1925.

Ser. No. 226,780. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) H. K. MULFORD COMPANY, Philadelphia, Pa. Filed Feb. 2, 1926.

THYROCALX

Particular description of goods.—Compressed Tablets Containing Calcium Lactate with Desiccated Parathyroid Glands and/or Desiccated Thyroid Glands.
Claims use since Aug. 1, 1925.

Ser. No. 226,792. (CLASS 15. OILS AND GREASES.) TWINING OIL COMPANY, Twining, Mich. Filed Feb. 2, 1926.

SPEED KING

Particular description of goods.—Gasoline.
Claims use since Apr. 1, 1924.

Ser. No. 226,807. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HARDWICK & MAGEE COMPANY, Philadelphia, Pa. Filed Feb. 3, 1926.

CAMEO WILTON RUG

No claim is made to the words "Wilton Rug" apart from the mark as shown.
Particular description of goods.—Textile Rugs.
Claims use since Dec. 21, 1925.

Ser. No. 226,851. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MABEL GOODWIN FRASER, doing business as Goodwin Sisters, New York, N. Y. Filed Feb. 4, 1926.

Dezyre

Particular description of goods.—Skin Lotion.
Claims use since Apr. 1, 1925.

Ser. No. 226,886. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CRYSTAL CANDY COMPANY, Winston-Salem, N. C. Filed Feb. 5, 1926.

GET HAPPY

Particular description of goods.—Candy.
Claims use since March, 1925.

Ser. No. 226,889. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) DIVERSEY MANUFACTURING COMPANY, Chicago, Ill. Filed Feb. 5, 1926.

CHLOROSOL

Particular description of goods.—Cleanser Generally Used in Solid Form for Cleaning Receptacles and Containers.
Claims use since Jan. 30, 1926.

Ser. No. 226,908. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WALTER J. HIRSCH COMPANY, Chicago, Ill. Filed Feb. 5, 1926.

MAZIE

Particular description of goods.—Candy Bars and Candy.
Claims use since Dec. 14, 1925.

Ser. No. 226,938. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ERNST BISCHOFF CO. INC., New York, N. Y. Filed Feb. 6, 1926.

ACTIVIN

Particular description of goods.—Therapeutic Agent for Hypodermic Injections for the Treatment of Arthritis, Epididymitis, Pyelitis, and Many Inflammatory Conditions.
Claims use since about Jan. 28, 1926.

Ser. No. 226,939. (CLASS 37. PAPER AND STATIONERY.) THE BROOKS COMPANY, Cleveland, Ohio. Filed Feb. 6, 1926.

VISUALIZERS

Particular description of goods.—Record Equipment in Loose-Leaf Form.
Claims use since about Aug. 13, 1925.

Ser. No. 226,940. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) C. J. BULLARD, Marshall, Tex. Filed Feb. 6, 1926.

ELEVEN BROS. 11 BROS. ELEVEN BROTHERS ELEVEN BROTHERS

Particular description of goods.—Medicinal Preparation to be Used as a Tonic for Bad Blood, Kidney and Liver Troubles, for the Stomach, and as a Treatment for Malaria, Colds, Rheumatism, Nerve Disorders, and Constipation.
Claims use since September, 1923.

Ser. No. 226,962. (CLASS 36. MEASURING AND SCIENTIFIC APPLIANCES.) FILM BOOKING OFFICES OF AMERICA, INC., New York, N. Y. Filed Feb. 6, 1926.

GOLD BOND

Particular description of goods.—Motion-Picture Films.
Claims use since Apr. 14, 1925.

Ser. No. 226,957. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE HARNIT & HEWITT CO., Toledo, Ohio. Filed Feb. 6, 1926.

RED LETTER

Particular description of goods.—Coffee.
Claims use since Feb. 3, 1926.

Ser. No. 226,985. (CLASS 15. OILS AND GREASES.) J. D. STREET & COMPANY, St. Louis, Mo. Filed Feb. 6, 1926.

RUBY

Particular description of goods.—Cylinder Oil and Valve Oil.
Claims use since 1882.

Ser. No. 226,991. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JACOB S. WURM, New York, N. Y. Filed Feb. 6, 1926.

ACORNA

Particular description of goods.—Remedy for Diarrhea and Colic.
Claims use since Jan. 1, 1926.

Ser. No. 227,005. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FALLIS INC., doing business as Wendy Parfumerie, Cincinnati, Ohio. Filed Feb. 8, 1926.

THE CHARLESTON DANCE PERFUME

No claim is made herein broadly to the word "Perfume" apart from the mark illustrated.
Particular description of goods.—Perfume.
Claims use since Jan. 27, 1926.

Ser. No. 227,006. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FALLIS INC., doing business as Wendy Parfumerie, Cincinnati, Ohio. Filed Feb. 8, 1926.

THE CHARLESTON

Particular description of goods.—Perfumes, Toilet Water, Powder, Etc.
Claims use since Jan. 27, 1926.

Ser. No. 227,008. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A. FILTHUTH, San Francisco, Calif. Filed Feb. 8, 1926.

PRUDENCE PENNY

Particular description of goods.—Coffee.
Claims use since Jan. 29, 1926.

Ser. No. 227,015. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE HARTLOVE CANDY COMPANY, Ashland, Ky. Filed Feb. 8, 1926.



No claim is made to the exclusive use of the surname "Hartlove" except as used in connection with the balance of the mark or such near resemblance thereto as would be calculated to cause confusion of customers as to the source of the goods.
Particular description of goods.—Candy.
Claims use since Dec. 1, 1925.

Ser. No. 227,060. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) COLGATE & COMPANY, Jersey City, N. J. Filed Feb. 9, 1926.

Thermo-Glycerine

Applicant disclaims exclusive right to the use of the word "Glycerine" apart from the mark as shown.
Particular description of goods.—Antifreeze Compound.
Claims use since Jan. 15, 1926.

Ser. No. 227,061. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) COLVIN AND MAHOOD COMPANY, Pittsburgh, Pa. Filed Feb. 9, 1926.

CHARTERHOUSE

Particular description of goods.—Coffee.
Claims use since July 1, 1925.

Ser. No. 227,064. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) DE-ANGELI-FRUA, SOCIETÀ PER L'INDUSTRIA DEI TESSUTI STAMPATI, Milan, Italy. Filed Feb. 9, 1926.

RADIOSA

Particular description of goods.—Artificial-Silk Piece Goods, Cotton Piece Goods, and Piece Goods Composed of Admixtures of Artificial Silk With Cotton, Wool, or Natural Silk.
Claims use since Sept. 4, 1925.

Ser. No. 227,077. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANK L. KIRCHHOFF, doing business as Jay-Bee Chemical Co., New York, N. Y. Filed Feb. 9, 1926.

JAY-BEE

Particular description of goods.—Preparation for the Removal of Corns and Calli.
Claims use since Aug. 16, 1926.

Ser. No. 227,085. (CLASS 39. CLOTHING.) PHILMAN COAT CO., New York, N. Y. Filed Feb. 9, 1926.

Philman

Particular description of goods.—Women's, Misses', and Children's Outer Coats.
Claims use since Jan. 2, 1924.

Ser. No. 227,088. (CLASS 41. CANES, PARASOLS, AND UMBRELLAS.) SIEGEL, ROTHSCHILD & Co., Baltimore, Md. Filed Feb. 9, 1926.

SLICKERSOLE

It's Collegiate

Particular description of goods.—Waterproof Umbrellas.
Claims use since about Jan. 5, 1926.

Ser. No. 227,101. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AMERICAN ARLENHEIM LABORATORIES, INC., New York, N. Y. Filed Feb. 10, 1926.

Meldro

Particular description of goods.—Liquid Used in the Treatment of Bronchial Affections.
Claims use since August, 1925.

Ser. No. 227,103. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) BAUSCH AND LOMB OPTICAL COMPANY, Rochester, N. Y. Filed Feb. 10, 1926.

Particular description of goods.—Ophthalmic Mountings and Parts Thereof.
Claims use since 1915.

Ser. No. 227,108. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FRANCIS HENRY CALLAHAN, doing business as Melrose Mfg. Co., New Haven, Conn. Filed Feb. 10, 1926.

Va-Hallar

Particular description of goods.—Face Powders, Face Creams, Face Packs, Skin Lotions, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Foot Powders, Deodorizing Preparations, Bath Salts, Smelling Salts, Lip Sticks, Eyebrow Pencils, Talcum Powders, Incense, and Sachets.
Claims use since Nov. 29, 1925.

Ser. No. 227,110. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JONES M. CHAMBLIN, doing business as The Capitol Insecticide Co., Jackson, Miss. Filed Feb. 10, 1926.

TAPS

Particular description of goods.—Insecticides.
Claims use since Jan. 4, 1926.

Ser. No. 227,111. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE CLARKE CHEMICAL COMPANY, Wickliffe, Ohio. Filed Feb. 10, 1926.

Clarkol

Particular description of goods.—Liquid Disinfectant.
Claims use since JAN. 21, 1926.

Ser. No. 227,128. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LIPOIDAL LABORATORIES, INC., New York, N. Y. Filed Feb. 10, 1926.

GONOLIN

Particular description of goods.—Preparation for the Treatment of Gonorrhea.
Claims use since May, 1924.

Ser. No. 227,130. (CLASS 39. CLOTHING.) LUXITE SILK PRODUCTS COMPANY, Milwaukee, Wis. Filed Feb. 10, 1926.

Lux Shield

Particular description of goods.—Ladies' and Misses' Bloomers Worn as Undergarments.
Claims use since Feb. 3, 1926.

Ser. No. 227,137. (CLASS 28. PRINTS AND PUBLICATIONS.) THE REGISTER AND TRIBUNE COMPANY, Des Moines, Iowa. Filed Feb. 10, 1926.

YOUR BABY and MINE

Particular description of goods.—Title for Newspaper Items.
Claims use since Apr. 15, 1918.

Ser. No. 227,151. (CLASS 39. CLOTHING.) THE WYCKOFF KNITTING COMPANY, Perry, N. Y. Filed Feb. 10, 1926.

QUALITEX

Particular description of goods.—Men's, Womens, and Boys' Underwear of Balbriggan, Nainsook, and Rayon.
Claims use since Apr. 1, 1918, on men's and boys' balbriggan underwear, and since July, 1924, on womens' balbriggan underwear, and men's, boys', and womens' underwear made of nainsook and rayon.

Ser. No. 227,161. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) GEO. BORGFELDT & Co., New York, N. Y. Filed Feb. 11, 1926.

BYE-LO BABY

No claim is made to the word "Baby" apart from the mark shown.
Particular description of goods.—Castile Soap.
Claims use since Jan. 22, 1926.

Ser. No. 227,165. (CLASS 39. CLOTHING.) HYMEN COHEN, doing business as Manhattan Woolen Mills, Duluth, Minn. Filed Feb. 11, 1926.



Particular description of goods.—Knitted Sweaters, Mackinaw Coats; Knitted and Textile Underwear for Men, Women, and Children; Work and Dress Shirts, Stockings, Hose, Overcoats, Leather Vests and Coats, Raincoats, and Bathing Suits.
Claims use since Apr. 11, 1924.

Ser. No. 227,166. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LEON COHN, doing business as Parfumerie Forest, Paris, France. Filed Feb. 11, 1926.

Beaucaire

Particular description of goods.—Perfume, Toilet Water, Face Powder, Talcum Powder, Sachet Brilliantine, Rouge, Bath Salts, and Face Creams.
Claims use since Nov. 15, 1925.

Ser. No. 227,174. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HAAS BROTHERS FABRICS CORPORATION, New York, N. Y. Filed Feb. 11, 1926.

Cadril

Particular description of goods.—Piece Goods Made of Silk, Wool, and Cotton.
Claims use since Jan. 18, 1926.

Ser. No. 227,179. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) KORREX, Los Angeles, Calif. Filed Feb. 11, 1926.

KORREX

Particular description of goods.—Disinfectants.
Claims use since Feb. 1, 1926.

Ser. No. 227,208. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WHITE MULE, INC., Carbondale, Ill. Filed Feb. 11, 1926.

WHITE MULE

Particular description of goods.—Liquid Stop Leak, Dry Stop Leak, a Compound for Automobile Radiators.
Claims use since March, 1924.

Ser. No. 227,210. (CLASS 15. OILS AND GREASES.) BENZO-GAS MOTOR FUEL COMPANY, Kansas City, Mo. Filed Feb. 12, 1926.



Particular description of goods.—Gasoline.
Claims use since Nov. 11, 1925.

Ser. No. 227,245. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NESTLE LANOIL CO. LTD., New York, N. Y. Filed Feb. 12, 1926.

CIRCULINE

Particular description of goods.—Preparations Adapted and Intended for Use in Waving or Curling Hair.
Claims use since early in January, 1926.

Ser. No. 227,277. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) NO-CHAP COMPANY, Cisco, Tex. Filed Feb. 13, 1926.



Particular description of goods.—Washing Powder.
Claims use since Jan. 1, 1926.

Ser. No. 227,283. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DAILEY J. WALKER, doing business as Walker Remedy Company, Waterloo, Iowa. Filed Feb. 13, 1926.

WALKO

Particular description of goods.—Foot Powder for Human Use.
Claims use since on or about Jan. 1, 1920.

Ser. No. 227,284. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DAILEY J. WALKER, doing business as Walker Remedy Company, Waterloo, Iowa. Filed Feb. 13, 1926.

Walko

Particular description of goods.—Tonic for Poultry to Encourage Egg Production.
Claims use since on or about Oct. 10, 1914.

Ser. No. 227,285. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DAILEY J. WALKER, doing business as Walker Remedy Company, Waterloo, Iowa. Filed Feb. 13, 1926.

Walko

Particular description of goods.—Lice Powder.
Claims use since on or about Jan. 1, 1917.

Ser. No. 227,301. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE FRESHIE CO. INC., New York, N. Y. Filed Feb. 15, 1926.

Tissuettes

Particular description of goods.—Cleansing-Cream Paper.
Claims use since Feb. 10, 1926.

Ser. No. 227,361. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) MARECHAL, RUCHON & CO., LIMITED, London, England. Filed Feb. 16, 1926.

PETER PIPER

Particular description of goods.—Tobacco Pipes, Cigar and Cigarette Holders.
Claims use since July 11, 1925.

TRADE-MARK REGISTRATIONS GRANTED

MARCH 23, 1926.

[ACT OF FEBRUARY 20, 1905.]

210,665. SHEETING, SHEETS, PILLOWCASES, AND PILLOW TUBING. SMITH-MCCORD-TOWNSEND DRY GOODS COMPANY, Kansas City, Mo.
Filed October 2, 1925. Serial No. 221,139. PUBLISHED JANUARY 5, 1926.

210,666. CHEMICAL MOTH KILLER AND MOTH PREVENTIVE. FRANK A. GARDNER, doing business as F. A. Gardner, Riverside, Calif.
Filed October 1, 1925. Serial No. 221,053. PUBLISHED DECEMBER 22, 1925.

210,667. PERFUMES, TOILET WATERS, FACE POWDER AND TALCUM POWDER, AND FACE CREAMS. THE LA SALLE COMPANY, St. Paul, Minn.
Filed September 23, 1925. Serial No. 220,785. PUBLISHED DECEMBER 29, 1925.

210,668. TEXTILE AND GRASS RUGS AND MATS. MANUEL FELDMAN COMPANY, INC., New York, N. Y.
Filed September 24, 1925. Serial No. 220,710. PUBLISHED JANUARY 5, 1926.

210,669. NONALCOHOLIC, MALTLESS BEVERAGE AND SIRUP FOR COMPOUNDING THE SAME. PETE CHRISTIAN, Wichita, Kan.
Filed September 5, 1925. Serial No. 219,878. PUBLISHED JANUARY 12, 1926.

210,670. STARCH. A. E. STALEY MANUFACTURING COMPANY, Decatur, Ill.
Filed September 4, 1925. Serial No. 219,857. PUBLISHED DECEMBER 29, 1925.

210,671. STARCH. A. E. STALEY MANUFACTURING COMPANY, Decatur, Ill.
Filed September 4, 1925. Serial No. 219,855. PUBLISHED DECEMBER 29, 1925.

210,672. CREAMS FOR THE SKIN. CECILE JONES, New York, N. Y.
Filed September 3, 1925. Serial No. 219,746. PUBLISHED DECEMBER 29, 1925.

210,673. INSECTICIDE. SOUTHERN PRODUCTS COMPANY, Monroe, La.
Filed August 19, 1925. Serial No. 219,091. PUBLISHED DECEMBER 29, 1925.

210,674. BASKETS MADE OF REED, RATTAN, HEMP, WICKER, AND GRASS. SAN FRANCISCO ASSOCIATION FOR THE BLIND, San Francisco, Calif.
Filed August 17, 1925. Serial No. 219,006. PUBLISHED JANUARY 12, 1926.

210,675. ANTISEPTIC MOUTH WASH. JOSEPH P. FREY, doing business as Ethol Laboratories, Chicago, Ill.
Filed August 13, 1925. Serial No. 218,810. PUBLISHED DECEMBER 22, 1925.

210,676. CANNED MINCED CLAMS AND CANNED SALMON. O. W. HENDERSON, doing business as Strawberry Point Packing Company, Cordova, Alaska.
Filed August 17, 1925. Serial No. 218,968. PUBLISHED DECEMBER 8, 1925.

210,677. CANNED MINCED CLAMS. O. W. HENDERSON, doing business as Strawberry Point Packing Company, Cordova, Alaska.
Filed August 17, 1925. Serial No. 218,967. PUBLISHED DECEMBER 8, 1925.

210,678. COLD TABLETS. CLARENCE S. LINCOLN, Ceresco and Lincoln, Nebr.
Filed August 14, 1925. Serial No. 218,856. PUBLISHED DECEMBER 29, 1925.

210,679. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPE FRUIT. CENTRAL LEMON ASSOCIATION, Villa Park, Calif.
Filed July 6, 1925. Serial No. 216,882. PUBLISHED OCTOBER 20, 1925.

210,680. COTTON FABRICS IN THE PIECE. MORTON F. STERN, New York, N. Y.
Filed April 13, 1925. Serial No. 212,652. PUBLISHED JANUARY 5, 1926.

210,681. PERFUMED FACE POWDER. PARFUMERIE MONPELAS STEINFELS FRÈRES & CO., Vincennes, France.
Filed February 21, 1925. Serial No. 210,005. PUBLISHED DECEMBER 29, 1925.

210,682. LIQUID PROPHYLACTIC SUBSTANCE APPLIED EXTERNALLY FOR PROTECTION AGAINST SEXUAL DISEASES. PHARMACIA GYÓGYSZER-VEGYÉSZETI GYAR, GYÓGYÁRUNAGYKERESKEDÉS, R. T., Budapest, Hungary.
Filed January 22, 1925. Serial No. 208,479. PUBLISHED DECEMBER 29, 1925.

210,683. SNELLS FOR FISHHOOKS. THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio.
Filed January 6, 1925. Serial No. 207,730. PUBLISHED JANUARY 12, 1926.

210,684. INSECTICIDES. ANDREW WILSON, INCORPORATED, Springfield, N. J.
Filed July 1, 1924. Serial No. 199,447. PUBLISHED DECEMBER 22, 1925.

210,685. WORK GLOVES, MITTENS, AND GAUNTLETS MADE FROM FABRIC AND COMBINATIONS OF FABRIC AND LEATHER. M. B. HAMILTON & CO., Leavenworth, Kans.
Filed November 19, 1925. Serial No. 223,512. PUBLISHED DECEMBER 29, 1925.

210,686. LIQUEFIED GAS CONTAINERS. PUROX COMPANY, Denver, Colo.
Filed November 19, 1925. Serial No. 223,546. PUBLISHED JANUARY 5, 1926.

210,687. SUBSTITUTES FOR DIAMOND IN INDUSTRIAL USE. SULLIVAN MACHINERY COMPANY, Boston, Mass., and Chicago, Ill.
Filed November 19, 1925. Serial No. 223,555. PUBLISHED JANUARY 5, 1926.

210,688. MATCHES. THE OHIO MATCH COMPANY, Wadsworth, Ohio.
Filed November 20, 1925. Serial No. 223,590. PUBLISHED JANUARY 5, 1926.

210,689. MATCHES. THE OHIO MATCH COMPANY, Wadsworth, Ohio.
Filed November 20, 1925. Serial No. 223,591. PUBLISHED JANUARY 5, 1926.

210,690. PARLOR BOARD GAME PLAYED WITH PIECES. JOHN A. ANDREWS, Chicago, Ill.
Filed November 18, 1925. Serial No. 223,454. PUBLISHED JANUARY 5, 1926.

210,691. LADIES' AND MISSES' DRESSES. BIJOU DRESS CO., New York, N. Y.
Filed October 31, 1925. Serial No. 222,595. PUBLISHED DECEMBER 29, 1925.

210,692. BISCUIT, CRACKERS, CAKES, AND WAFERS. NATIONAL BISCUIT COMPANY, New York, N. Y.
Filed October 31, 1925. Serial No. 222,627. PUBLISHED DECEMBER 29, 1925.

210,693. REFINED AND UNREFINED OILS MADE FROM PETROLEUM, BOTH WITH AND WITHOUT ADMIXTURE OF ANIMAL, VEGETABLE, AND MINERAL OILS, FOR POWER, FUEL, AND LUBRICATING PURPOSES, AND LUBRICATING GREASES. HUMBLE OIL & REFINING COMPANY, Houston, Tex.
Filed November 2, 1925. Serial No. 222,679. PUBLISHED DECEMBER 29, 1925.

210,694. OIL COMPOUND OR PETROLEUM PRODUCT TO BE USED TO FREE RUBBER FROM THE MOLDS AND FOR ANALOGOUS PURPOSES. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill.
Filed November 2, 1925. Serial No. 222,714. PUBLISHED DECEMBER 29, 1925.

210,695. WHEAT FLOUR. H. G. HILL COMPANY, Nashville, Tenn.
Filed November 3, 1925. Serial No. 222,748. PUBLISHED DECEMBER 29, 1925.

210,696. BISCUITS. BICKIEFEGS LIMITED, London, England.
Filed November 4, 1925. Serial No. 222,779. PUBLISHED DECEMBER 29, 1925.

210,697. READY-MIXED PAINT. THE GILBERT SPRUANCE COMPANY, Philadelphia, Pa.
Filed November 5, 1925. Serial No. 222,840. PUBLISHED DECEMBER 29, 1925.

210,698. LADIES' AND MISSES' DRESSES. LOUIS KRAUS & SIDNEY SHRESSO INC., New York, N. Y.
Filed November 5, 1925. Serial No. 222,849. PUBLISHED DECEMBER 29, 1925.

210,699. TARGET TRAPS AND TARGETS. WESTERN CARTRIDGE COMPANY, East Alton, Ill.
Filed November 5, 1925. Serial No. 222,899. PUBLISHED JANUARY 5, 1926.

210,700. BAGS FOR CEMENT AND OTHER MATERIAL. THE JAITE COMPANY, Jaite, Ohio.
Filed November 7, 1925. Serial No. 222,984. PUBLISHED JANUARY 5, 1926.

210,701. BOOTS AND SHOES MADE OF LEATHER, FABRIC, OR COMBINATIONS THEREOF. THOMAS & COMPANY, Brooklyn, N. Y.
Filed November 10, 1925. Serial No. 223,107. PUBLISHED DECEMBER 29, 1925.

210,702. LUBRICATING OIL AND GREASE. OHIO OIL COMPANY, INC., New York, N. Y.
Filed November 11, 1925. Serial No. 223,136. PUBLISHED JANUARY 5, 1926.

210,703. CHILDREN'S, JUNIORS', MISSES', AND WOMEN'S DRESSES, COATS, AND SUITS. PHILIP GOLINKO, doing business as Florence Manufacturing Co., New York, N. Y.
Filed November 12, 1925. Serial No. 223,167. PUBLISHED DECEMBER 29, 1925.

210,704. BRUSHING LACQUER FOR INTERIOR OR EXTERIOR USE ON WOOD OR METAL. SMITH-ALSOP PAINT AND VARNISH COMPANY, Terre Haute, Ind.
Filed November 12, 1925. Serial No. 223,201. PUBLISHED JANUARY 5, 1926.

210,705. WATER COLORS. THE AMERICAN CRAYON COMPANY, Sandusky, Ohio.
Filed November 13, 1925. Serial No. 223,209. PUBLISHED JANUARY 5, 1926.

210,706. DOLLS. GEO. BORGFELDT & CO., New York, N. Y.
Filed November 13, 1925. Serial No. 223,211. PUBLISHED JANUARY 5, 1926.

210,707. WORSTED AND WOOLEN TEXTILE FABRICS. HOLDEN-LEONARD CO., New York, N. Y.
Filed November 13, 1925. Serial No. 223,239. PUBLISHED DECEMBER 29, 1925.

210,708. WORSTED AND WOOLEN TEXTILE FABRICS. HOLDEN-LEONARD CO., New York, N. Y.
Filed November 13, 1925. Serial No. 223,240. PUBLISHED DECEMBER 29, 1925.

210,709. WORSTED AND WOOLEN TEXTILE FABRICS. HOLDEN-LEONARD CO., New York, N. Y.
Filed November 13, 1925. Serial No. 223,241. PUBLISHED DECEMBER 29, 1925.

210,710. CIGARS. R. C. WILLIAMS & CO. INC., New York, N. Y.
Filed November 13, 1925. Serial No. 223,265. PUBLISHED JANUARY 5, 1926.

210,711. GASOLINE. PURE OIL COMPANY, Columbus, Ohio.
Filed November 14, 1925. Serial No. 223,332. PUBLISHED JANUARY 5, 1926.

210,712. BASKET-BALL GOALS. WILSON-WESTERN SPORTING GOODS COMPANY, Chicago, Ill.
Filed November 14, 1925. Serial No. 223,351. PUBLISHED JANUARY 5, 1926.

210,713. PETROLEUM PRODUCTS—NAMELY, GASOLINE, KEROSENE, FUEL OIL, PETROLEUM DISTILLATE, LUBRICATING OILS AND GREASES. W. H. BARBER COMPANY, Minneapolis, Minn.
Filed November 16, 1925. Serial No. 223,362. PUBLISHED JANUARY 5, 1926.

210,714. MECHANICAL HOBBYHORSE. ELMER E. BOYLE, Wichita, Kans.
Filed November 16, 1925. Serial No. 223,363. PUBLISHED JANUARY 5, 1926.

210,715. FRESH PEARS AND PLUMS. E. H. MYERS, Walnut Grove, Calif.
Filed November 17, 1925. Serial No. 223,443. PUBLISHED JANUARY 5, 1926.

210,716. LAXATIVE CONFECTION. THOMAS H. ODENEAL, Beverly, Mass.
Filed November 2, 1925. Serial No. 222,699. PUBLISHED DECEMBER 22, 1925.

210,717. TOOTH PASTE. CLARENCE K. REIMAN, and WALTER CURTIS MINER, Trustees of San Albus Products Associates, Boston, Mass.
Filed October 31, 1925. Serial No. 222,626. PUBLISHED DECEMBER 29, 1925.

210,718. BUTTER. ALFRED W. MADSEN, Joliet, Ill.
Filed October 31, 1925. Serial No. 222,622. PUBLISHED JANUARY 5, 1926.

210,719. PERFUMES, TOILET WATER, FACE POWDER, TALCUM POWDER, BATH POWDER, AND BATH SALTS. S. S. PIERCE CO., Boston, Mass.
Filed October 30, 1925. Serial No. 222,575. PUBLISHED DECEMBER 22, 1925.

210,720. PERFUMES, TOILET WATER, FACE POWDER, TALCUM POWDER, BATH POWDER, AND BATH SALTS. S. S. PIERCE CO., Boston, Mass.
Filed October 30, 1925. Serial No. 222,576. PUBLISHED DECEMBER 22, 1925.

210,721. NITROUS OXID, ETHYLENE, ETHER, CO_2, ETHER, DUNLOP VAPOR, DERMALENE, AND COMPRESSED GASES AND CHEMICALS. THE OHIO CHEMICAL AND MANUFACTURING COMPANY, Cleveland, Ohio.
Filed October 29, 1925. Serial No. 222,517. PUBLISHED DECEMBER 22, 1925.

210,722. RECARBONATED WATER. MT. SHASTA MINERAL SPRING COMPANY, doing business as Shasta Water Company, San Francisco, Calif.
Filed October 28, 1925. Serial No. 222,474. PUBLISHED JANUARY 12, 1926.

210,723. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND WATER. MT. SHASTA MINERAL SPRING COMPANY, doing business as Shasta Water Company, San Francisco, Calif.
Filed October 28, 1925. Serial No. 222,473. PUBLISHED JANUARY 12, 1926.

210,724. FORTUNE-TELLING GAMES. JAY E. SCHENCK, Denver, Colo.
Filed October 27, 1925. Serial No. 222,407. PUBLISHED JANUARY 12, 1926.

210,725. REMEDY FOR CORNS AND BUNIONS AND FOOT-BATH TABLETS. HI-GENE CO., Newark, N. J.
Filed October 27, 1925. Serial No. 222,379. PUBLISHED DECEMBER 29, 1925.

210,726. LOTION FOR THE HEAD AND FACE. THE BONHEUR COMPANY, Syracuse, N. Y.
Filed October 22, 1925. Serial No. 222,106. PUBLISHED DECEMBER 29, 1925.

210,727. BABIES' RUBBER PANTS OR BLOOMERS. PARKER, STEARNS & COMPANY, Brooklyn, N. Y.
Filed October 20, 1925. Serial No. 222,044. PUBLISHED DECEMBER 15, 1925.

210,728. BRANDIES, LIQUERS, PUNCHES, ALCOHOLIC ESSENCES, AND EXTRACTS FOR MAKING ALCOHOLIC BEVERAGES. EGON BRAUN AKTIENGESELLSCHAFT, Hamburg, Germany.
Filed October 20, 1925. Serial No. 222,019. PUBLISHED JANUARY 12, 1926.

210,729. THREAD. STANDARD THREAD COMPANY, New York, N. Y.
Filed October 17, 1925. Serial No. 221,926. PUBLISHED JANUARY 5, 1926.

210,730. DISINFECTANTS. MASURY-YOUNG COMPANY, Charlestown, Mass.
Filed October 15, 1925. Serial No. 221,755. PUBLISHED DECEMBER 22, 1925.

210,731. FISTULA SALVE. JOSEPH GOLBA, Gardner, Kans.
Filed October 19, 1925. Serial No. 221,957. PUBLISHED DECEMBER 22, 1925.

210,732. FACE CREAMS, PERFUMES, AND TOILET WATERS. CLAUDIUS NIELSEN, doing business as Nielco Products Co., Detroit, Mich.
Filed October 7, 1925. Serial No. 221,374. PUBLISHED DECEMBER 29, 1925.

210,733. WOOLEN GOODS IN THE PIECE. KEMP-BOOTH COMPANY LIMITED, Seattle, Wash.
Filed October 7, 1925. Serial No. 221,370. PUBLISHED JANUARY 5, 1926.

210,734. WOOLEN GOODS IN THE PIECE. KEMP-BOOTH COMPANY LIMITED, Seattle, Wash.
Filed October 7, 1925. Serial No. 221,368. PUBLISHED JANUARY 5, 1926.

210,735. BEANS IN THEIR NATURAL STATE. CHATTERTON & SON, Lansing, Mich.
Filed October 5, 1925. Serial No. 221,237. PUBLISHED DECEMBER 8, 1925.

210,736. MEN'S OUTER GARMENTS — NAMELY, DRESS SUITS AND OVERCOATS. UNIVERSITY SHOP, Washington, D. C.
Filed July 28, 1925. Serial No. 218,030. PUBLISHED DECEMBER 29, 1925.

210,737. IMITATION SNOW FOR DECORATIVE PURPOSES. HENRY M. BOEHM, doing business as Boehm Decorating Co., Minneapolis, Minn.
Filed July 20, 1925. Serial No. 217,604. PUBLISHED JANUARY 5, 1926.

210,738. NEWSPAPER FEATURE ARTICLE. FAMOUS FEATURES SYNDICATE, INC., New York, N. Y.
Filed July 16, 1925. Serial No. 217,454. PUBLISHED DECEMBER 29, 1925.

210,739. LEATHER SHOES FOR MEN, WOMEN, AND CHILDREN. THE C. W. ARCHER SHOE CO., Cincinnati, Ohio.
Filed July 31, 1925. Serial No. 218,153. PUBLISHED DECEMBER 29, 1925.

210,740. RADIO RECEIVING SETS AND PARTS THEREOF. HALLOCK & WATSON RADIO CORPORATION, Portland, Oreg.
Filed July 31, 1925. Serial No. 218,173. PUBLISHED DECEMBER 29, 1925.

210,741. MEN'S NEGLIGEE OUTING SHIRTS. BROWNSTEIN-LOUIS COMPANY, Los Angeles, Calif.
Filed August 5, 1925. Serial No. 218,888. PUBLISHED DECEMBER 29, 1925.

210,742. CANDY. THE SWEETS COMPANY OF AMERICA, INCORPORATED, New York, N. Y.
Filed August 8, 1925. Serial No. 218,583. PUBLISHED JANUARY 5, 1926.

210,743. GOLF HOSE. BERKLEY KNITTING COMPANY, Philadelphia, Pa.
Filed August 12, 1925. Serial No. 218,727. PUBLISHED JANUARY 5, 1926.

210,744. COMPOUND FOR POLISHING METAL. A. O. BETTES MFG. CO. INC., Kansas City, Mo.
Filed August 12, 1925. Serial No. 218,728. PUBLISHED DECEMBER 22, 1925.

210,745. PRINTING AND BINDING MACHINERY. EMIL GERASCH, G. m. b. H., Leipzig, Germany.
Filed August 12, 1925. Serial No. 218,750. PUBLISHED DECEMBER 15, 1925.

210,746. ELECTRICAL ALARMS AND SIGNAL DEVICES FOR INDICATING HOLDUPS, BURGLARIES, AND THE LIKE. KOKO SIGNAL SYSTEM INCORPORATED, doing business as New York Merchants Protective Co., New York, N. Y.
Filed August 13, 1925. Serial No. 218,818. PUBLISHED DECEMBER 29, 1925.

210,747. FIBER WOVEN FABRIC. UNIVERSAL WILLOW & REED WARE COMPANY, INCORPORATED, Long Island City, N. Y.
Filed June 30, 1925. Serial No. 216,760. PUBLISHED DECEMBER 29, 1925.

210,748. ORNAMENTATION SIMULATING BEADED DESIGNS ON COTTON, SILK, ARTIFICIAL-SILK, AND WOOL FABRICS. BAKELITE CORPORATION, New York, N. Y.
Filed October 23, 1925. Serial No. 222,151. PUBLISHED DECEMBER 29, 1925.

210,749. WASHABLE WALL FINISH. DETROIT GRAPHITE COMPANY, Detroit, Mich.
Filed October 24, 1925. Serial No. 222,225. PUBLISHED JANUARY 5, 1926.

210,750. AUTOMOBILE AND FURNITURE POLISH. BEN GOLDSTEIN, Rochester, N. Y.
Filed October 24, 1925. Serial No. 222,236. PUBLISHED JANUARY 5, 1926.

210,751. RECEPTACLES WHOLLY OR IN PART OF PAPER, PASTEBOARD, WOOD, OR METAL FOR TRANSPORTATION OF LABORATORY SPECIMENS OR SAMPLES. MEYER SAMSON, doing business as the Samson Laboratories, Philadelphia, Pa.
Filed October 30, 1925. Serial No. 222,582. PUBLISHED JANUARY 5, 1926.

210,752. MACHINES FOR MAKING AND COATING CONFECTIONS, PARTICULARLY FOR COATING CORES OR CREAMS WITH CHOCOLATE MATERIAL. THE NEWCRAFT SALES COMPANY, INC., Boston, Mass.
Filed October 30, 1925. Serial No. 222,571. PUBLISHED JANUARY 5, 1926.

210,753. GASOLINE, NAPHTHA, BENZINE, KEROSENE, CRUDE OIL, FUEL OIL, MOTOR OIL, CYLINDER OIL, ENGINE OIL, LUBRICATING OIL, CUP GREASES, AXLE GREASES, OTHER LUBRICATING AND ENGINE GREASES, AUTOMOBILE OILS, AND WAX DISTILLATE. TIDIOUTE REFINING COMPANY, Tidioute, Pa.
Filed October 24, 1925. Serial No. 222,280. PUBLISHED JANUARY 5, 1926.

210,754. READY-MIXED PAINTS AND PAINT ENAMELS. JOSEPH SOLTS, Atlantic City, N. J.
Filed October 24, 1925. Serial No. 222,285. PUBLISHED DECEMBER 29, 1925.

210,755. MONTHLY MAGAZINE. THE NEW ENGLAND POULTRYMAN PUBLISHING CO., Boston, Mass.
Filed October 26, 1925. Serial No. 222,337. PUBLISHED DECEMBER 29, 1925.

210,756. GREETING CARDS, FOLDERS AND BOOKLETS, SOUVENIR POSTCARDS, AND PICTURE CARDS. BAKER BROTHERS, Elmira, N. Y.
Filed October 26, 1925. Serial No. 222,300. PUBLISHED DECEMBER 29, 1925.

210,757. SHOES FOR GROWING GIRLS, MISSES, AND CHILDREN, THE SHOES BEING MADE OF LEATHER AND FABRIC, AND COMBINATIONS OF LEATHER AND FABRIC. HAYNES-HENSON SHOE COMPANY, Knoxville, Tenn.
Filed October 28, 1925. Serial No. 222,457. PUBLISHED DECEMBER 29, 1925.

210,758. PUZZLE. CARL A. HOOS, Liberty, N. Y.
Filed October 28, 1925. Serial No. 222,458. PUBLISHED JANUARY 5, 1926.

210,759. MEN'S TOPCOATS AND OVERCOATS. JACOB SIEGEL, doing business as Jacob Siegel Company, Philadelphia, Pa.
Filed October 27, 1925. Serial No. 222,410. PUBLISHED DECEMBER 29, 1925.

210,760. CANNED VEGETABLES. D. LANDRETH SEED COMPANY, doing business as Penn's Manor Canning Company, Bristol, Pa.
Filed October 20, 1925. Serial No. 222,040. PUBLISHED JANUARY 5, 1926.

210,761. PAINT IN PASTE FORM. ARNESTO PAINT CO. INC., New York, N. Y.
Filed October 22, 1925. Serial No. 222,103. PUBLISHED JANUARY 5, 1926.

210,762. WOMEN'S UNDERWEAR OF KNITTED OR TEXTILE FABRIC. BROWN & SINGERMAN, INC., New York, N. Y.
Filed October 27, 1925. Serial No. 222,367. PUBLISHED DECEMBER 29, 1925.

210,763. BUTTER. H. G. HILL STORES, INC., New Orleans, La.
Filed July 29, 1925. Serial No. 218,060. PUBLISHED JANUARY 5, 1926.

210,764. A SECTION OF A MONTHLY MAGAZINE. SIDNEY J. WOLF, San Francisco, Calif.
Filed August 19, 1924. Serial No. 201,637. PUBLISHED DECEMBER 29, 1925.

210,765. MANICURE AND DRESSER TRAYS, VANITY CASES MADE OF CELLULOID OR SIMILAR MATERIAL. THE FULLER BRUSH COMPANY, Hartford, Conn.
Filed October 2, 1924. Serial No. 203,806. PUBLISHED JANUARY 12, 1926.

210,766. BROAD SILKS IN THE PIECE. THE SCHWARZENBACH HUBER CO., West Hoboken, N. J.
Filed October 10, 1924. Serial No. 203,696. PUBLISHED DECEMBER 29, 1925.

210,767. WHEAT FLOUR. FARMERS UNION EXCHANGE, Des Moines, Iowa.
Filed October 15, 1924. Serial No. 203,878. PUBLISHED JANUARY 5, 1926.

210,768. BEVERAGES MADE FROM MALT, EITHER INTOXICATING OR NONINTOXICATING. ADAM SCHEIDT BREWING CO., Norristown, Pa.
Filed November 1, 1924. Serial No. 204,725. PUBLISHED JANUARY 5, 1926.

210,769. BUSSES, TRUCKS, AND CHASSIS THEREFOR. INTERNATIONAL MOTOR COMPANY, New York, N. Y.
Filed November 3, 1924. Serial No. 204,773. PUBLISHED DECEMBER 29, 1925.

210,770. WHEAT FLOUR AND SELF-RISING FLOUR. PHOENIX FLOUR MILL, Evansville, Ind.
Filed November 4, 1924. Serial No. 204,882. PUBLISHED JANUARY 5, 1926.

210,771. GERMICIDES, DISINFECTANTS, AND DEODORIZERS. LOUIS H. GUARD, doing business as Guard Germicide Co., Geneva, N. Y.
Filed November 3, 1925. Serial No. 222,745. PUBLISHED DECEMBER 29, 1925.

210,772. INSECTICIDES. LOUIS H. GUARD, doing business as Guard Germicide Co., Geneva, N. Y.
Filed November 3, 1925. Serial No. 222,746. PUBLISHED DECEMBER 29, 1925.

210,773. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, SACHET, BRILLIANTINE, LOTION FOR THE SKIN AND HAIR, BATH SALTS, AND DENTIFRICES. LUBIN, INC., Wilmington, Del., and New York, N. Y.
Filed November 3, 1925. Serial No. 222,752. PUBLISHED DECEMBER 29, 1925.

210,774. BREAD. DAVID STERN, Brooklyn, N. Y.
Filed November 5, 1925. Serial No. 222,885. PUBLISHED JANUARY 5, 1926.

210,775. BAKERY GOODS, DESCRIBED AS COOKIES, CAKES, AND WAFERS. PAUL SCHULZE BISCUIT CO., Chicago, Ill.
Filed November 6, 1925. Serial No. 222,949. PUBLISHED JANUARY 5, 1926.

210,776. BAKERY GOODS DESCRIBED AS CRACKERS. PAUL SCHULZE BISCUIT CO., Chicago, Ill.
Filed November 6, 1925. Serial No. 222,951. PUBLISHED JANUARY 5, 1926.

210,777. HEALING OINTMENT. THOMAS SLADEK, doing business as Ledoment Co., South Milwaukee, Wis.
Filed November 7, 1925. Serial No. 222,999. PUBLISHED DECEMBER 29, 1925.

210,778. BATTERY COMPOUND. THE INTERNATIONAL RADIOLITE COMPANY, St. Paul, Minn.
Filed November 9, 1925. Serial No. 223,036. PUBLISHED DECEMBER 29, 1925.

210,779. CAKE MIX. JOHN R. LLOYD, doing business as J. R. Lloyd Company, Pittsburgh, Pa.
Filed November 9, 1925. Serial No. 223,045. PUBLISHED JANUARY 5, 1926.

210,780. MALT EXTRACT. ERNEST O. TUSCH, doing business as Home Malt Company, Minneapolis, Minn.
Filed November 9, 1925. Serial No. 223,062. PUBLISHED JANUARY 12, 1926.

210,781. MEDICINAL PREPARATION USED AS A LAXATIVE. WILLIAM R. WARNER & CO., INC., New York, N. Y.
Filed November 10, 1925. Serial No. 223,109. PUBLISHED DECEMBER 29, 1925.

210,782. BUTTER AND CHEESE. BEATRICE CREAMERY COMPANY, Chicago, Ill.
Filed November 11, 1925. Serial No. 223,113. PUBLISHED JANUARY 5, 1926.

210,783. A PHARMACEUTICAL PREPARATION FOR THE TREATMENT OF TOXIC CONDITIONS. A. M. C. TRUST, Winchester, Mass.
Filed November 12, 1925. Serial No. 223,153. PUBLISHED DECEMBER 29, 1925.

210,784. A COD-LIVER-OIL PREPARATION IN TABLET AMPUL, POWDER, GRANULATED, AND SOLUTION FORM. BUAT ABBEY, New York, N. Y.
Filed November 12, 1925. Serial No. 223,154. PUBLISHED DECEMBER 29, 1925.

210,785. PERFUME AND TOILET WATER. CHANEL INC., New York, N. Y.
Filed November 13, 1925. Serial No. 223,213. PUBLISHED DECEMBER 22, 1925.

210,786. PERFUME AND TOILET WATER. CHANEL INC., New York, N. Y.
Filed November 13, 1925. Serial No. 223,214. PUBLISHED DECEMBER 22, 1925.

210,787. PERFUME AND TOILET WATER. CHANEL INC., New York, N. Y.
Filed November 13, 1925. Serial No. 223,215. PUBLISHED DECEMBER 22, 1925.

210,788. PREPARATION FOR THE TREATMENT OF KIDNEYS, LIVER, URINARY ORGANS, AND RHEUMATISM. MARY AGNES MANSFIELD, doing business as The Alkavis Company, Detroit, Mich.
Filed November 13, 1925. Serial No. 223,245. PUBLISHED DECEMBER 29, 1925.

210,789. PREPARATION FOR THE TREATMENT OF ASTHMA, HAY FEVER, AND RESPIRATORY ORGANS. MARY AGNES MANSFIELD, doing business as The Himalya Company, Detroit, Mich.
Filed November 13, 1925. Serial No. 223,246. PUBLISHED DECEMBER 29, 1925.

210,790. A GOITER PROPHYLACTIC. THE MILLER-CRANE CO., Cleveland, Ohio.
Filed November 13, 1925. Serial No. 223,247. PUBLISHED DECEMBER 29, 1925.

210,791. SOLUBLE OIL FOR THE TEXTILE TRADE. JOHN CAMPBELL & CO., INC., New York, N. Y.
Filed November 16, 1925. Serial No. 223,367. PUBLISHED DECEMBER 22, 1925.

210,792. BROOMS AND WHISK BROOMS. PENNSYLVANIA WORKING HOME FOR BLIND MEN, Philadelphia, Pa.
Filed November 16, 1925. Serial No. 223,405. PUBLISHED JANUARY 12, 1926.

210,793. FACE POWDER. AHLSCHLAGER & EDWARDS, Chicago, Ill.
Filed November 18, 1925. Serial No. 223,453. PUBLISHED DECEMBER 22, 1925.

210,794. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. HIP-HIP BEVERAGE CO., New York, N. Y.
Filed November 18, 1925. Serial No. 223,476. PUBLISHED JANUARY 12, 1926.

210,795. MATCHES. THE OHIO MATCH COMPANY, Wadsworth, Ohio.
Filed November 20, 1925. Serial No. 223,597. PUBLISHED JANUARY 5, 1926.

210,796. A METAL PRESERVATIVE. ADIRONDACK MINERAL CO., INC., Carthage, N. Y.
Filed November 19, 1925. Serial No. 223,499. PUBLISHED DECEMBER 29, 1925.

210,797. FOUNTAIN LATHER OR SHAVING BRUSHES. TWINPLEX SALES COMPANY, St. Louis, Mo.
Filed November 27, 1925. Serial No. 223,946. PUBLISHED JANUARY 12, 1926.

210,798. TEXTILE FABRICS—NAMELY, TIE SILKS. S. J. ARONSOHN, INC., New York, N. Y.
Filed December 2, 1925. Serial No. 224,067. PUBLISHED JANUARY 5, 1926.

210,799. COTTON SUITINGS AND COTTON GINGHAMS. C. M. GUGGENHEIMER, INC., Lynchburg, Va.
Filed September 4, 1923. Serial No. 185,295. PUBLISHED DECEMBER 29, 1925.

210,800. HIGH-TEMPERATURE ALARM FOR INTERNAL-COMBUSTION ENGINES, ATTACHABLE DIRECTLY THERETO OR TO THE COOLING RADIATOR THEREOF. THE STEAMETER CO., Chicago, Ill.
Filed November 14, 1923. Serial No. 188,332. PUBLISHED SEPTEMBER 15, 1925.

210,801. CANNED BERRIES. THE BERRY GROWERS PACKING CO., Gresham, Oreg.
Filed July 7, 1924. Serial No. 199,669. PUBLISHED JANUARY 5, 1926.

210,802. AUTOMOBILE PARKING DEVICES—NAMELY, MECHANISM FOR RAISING THE VEHICLE AND MOVING THE SAME IN A LATERAL DIRECTION. VILLOR P. WILLIAMS, Baltimore, Md., assignor to Miriam S. F. Williams.
Filed August 20, 1925. Serial No. 219,565. PUBLISHED DECEMBER 15, 1925.

210,803. MELONS—NAMELY, FRESH CANTALOUPES; FRESH VEGETABLES—NAMELY, LETTUCE AND PEAS. THOMAS M. AMENDOLA, doing business as T. M. Amendola & Co., Brawley, Calif.
Filed September 25, 1925. Serial No. 220,753. PUBLISHED JANUARY 5, 1926.

210,804. EARRINGS. P. & A. LINTON CO., Providence, R. I.
Filed September 26, 1925. Serial No. 220,856. PUBLISHED DECEMBER 29, 1925.

210,805. THREAD. STANDARD THREAD COMPANY, New York, N. Y.
Filed October 17, 1925. Serial No. 221,929. PUBLISHED JANUARY 5, 1926.

210,806. THREAD. STANDARD THREAD COMPANY, New York, N. Y.
Filed October 17, 1925. Serial No. 221,932. PUBLISHED JANUARY 5, 1926.

210,807. TOY CARTS. TOY VEHICLE CORPORATION, New York, N. Y.
Filed October 17, 1925. Serial No. 221,935. PUBLISHED JANUARY 5, 1926.

210,808. CEMENT. MANITOWOC PORTLAND CEMENT COMPANY, Manitowoc, Wis.
Filed October 19, 1925. Serial No. 221,972. PUBLISHED DECEMBER 29, 1925.

210,809. CRÊPE PAPER—NAMELY, CONFETTI, AND FOR DECORATIVE PURPOSES AS DISPLAY WINDOWS AND SHOW CASES, AUTO FLOATS, PAPER FLOWERS, PAPER COSTUMES, AND PARTY FAVORS. THE TUTTLE PRESS COMPANY, Appleton, Wis.
Filed August 14, 1925. Serial No. 218,884. PUBLISHED DECEMBER 29, 1925.

210,810. MECHANIC HAND SOAP. WM. H. DAVIS, Media, Pa.
Filed August 20, 1925. Serial No. 219,112. PUBLISHED NOVEMBER 17, 1925.

210,811. BALL BEARINGS, ROLLER BEARINGS, CASINGS FOR SAID BEARINGS, ATTACHMENTS FOR SAID BEARINGS, BALLS, ROLLERS, NAVES, HUBS, AND SPINNING SPINDLES. BERLINER KUGELLAGER-FABRIK G. M. B. H., A. RIEBE, Berlin-Wittenau, Germany.
Filed August 22, 1925. Serial No. 219,217. PUBLISHED JANUARY 5, 1926.

210,812. WHEAT FLOUR. THE KANSAS FLOUR MILLS COMPANY, Wichita, Kans.
Filed August 22, 1925. Serial No. 219,245. PUBLISHED DECEMBER 29, 1925.

210,813. NURSERY STOCK—NAMELY, TREES, SHRUBS, AND HERBACEOUS PLANTS. W. H. WYMAN & SON, doing business as The Bay State Nurseries, North Abington, Mass.
Filed August 22, 1925. Serial No. 219,264. PUBLISHED DECEMBER 29, 1925.

210,814. RUBBER BOOTS AND SHOES, RUBBER OVERSHOES, AND RUBBER-SOLE CANVAS SHOES. HOOD RUBBER COMPANY, Watertown, Mass.
Filed August 25, 1925. Serial No. 219,333. PUBLISHED DECEMBER 29, 1925.

210,815. RUBBER BOOTS AND SHOES, RUBBER OVERSHOES, AND RUBBER-SOLE CANVAS SHOES. HOOD RUBBER COMPANY, Watertown, Mass.
Filed August 25, 1925. Serial No. 219,336. PUBLISHED DECEMBER 29, 1925.

210,816. RAYON-FILLED COTTON CREPE WITH A SATIN EDGE. NATHAN AND COHEN CO. INC., New York, N. Y.
Filed August 27, 1925. Serial No. 219,444. PUBLISHED DECEMBER 29, 1925.

210,817. BULLETIN OR JOURNAL ISSUED MONTHLY. CONVERTERS' ASSOCIATION, New York, N. Y.
Filed October 14, 1925. Serial No. 221,695. PUBLISHED DECEMBER 29, 1925.

210,818. SPRAY OILS, FLOOR OILS, CEDAR SPRAY, AND WAX SPRAY. MASURY-YOUNG COMPANY, Charlestown, Mass.
Filed October 15, 1925. Serial No. 221,756. PUBLISHED JANUARY 5, 1926.

210,819. GLOVES AND MITTENS OF LEATHER, FABRIC, AND A COMBINATION OF LEATHER AND FABRIC. THE BOSS MANUFACTURING COMPANY, Kewanee, Ill., and Brooklyn, N. Y.
Filed October 16, 1925. Serial No. 221,802. PUBLISHED DECEMBER 29, 1925.

210,820. SNUFF. KINGDOM OF ITALY, Rome, Italy.
Filed October 16, 1925. Serial No. 221,837. PUBLISHED JANUARY 5, 1926.

210,821. SNUFF. KINGDOM OF ITALY, Rome, Italy.
Filed October 16, 1925. Serial No. 221,839. PUBLISHED JANUARY 5, 1926.

210,822. FERTILIZER. CHARLES A. RICKERT, Minneapolis, Minn.
Filed October 16, 1925. Serial No. 221,851. PUBLISHED DECEMBER 29, 1925.

210,823. THREAD. STANDARD THREAD COMPANY, New York, N. Y.
Filed October 17, 1925. Serial No. 221,922. PUBLISHED JANUARY 5, 1926.

210,824. PIECE GOODS MADE OF WOOL, SILK, AND COTTON. HAAS BROTHERS FABRICS CORPORATION, New York, N. Y.
Filed October 8, 1925. Serial No. 221,419. PUBLISHED DECEMBER 29, 1925.

210,825. CEMENT PREPARATIONS FOR COATING METALS AND OTHER SURFACES. TOCH BROTHERS, INCORPORATED, New York, N. Y.
Filed October 9, 1925. Serial No. 221,519. PUBLISHED DECEMBER 29, 1925.

210,826. SILK AND WOOL KNITTED FABRIC IN THE PIECE. I. A. WYNER & CO., INC., New York, N. Y.
Filed October 9, 1925. Serial No. 221,526. PUBLISHED JANUARY 5, 1926.

210,827. ORNAMENTATION SIMULATING BEADED DESIGNS ON COTTON, SILK, ARTIFICIAL SILK, AND WOOL FABRICS. BAKELITE CORPORATION, New York, N. Y.
Filed October 12, 1925. Serial No. 221,590. PUBLISHED DECEMBER 29, 1925.

210,828. JELLY CANDIES. KIBBE BROTHERS COMPANY, Springfield, Mass.
Filed October 12, 1925. Serial No. 221,622. PUBLISHED JANUARY 5, 1926.

210,829. RAW MILK, PASTEURIZED MILK, HOLSTEIN NURSERY MILK (RAW), ACIDOPHILUS MILK, BUTTERMILK, PASTEURIZED CREAM, WHIPPING CREAM, BUTTER, CHEESE, AND EGGS. WISE BROTHERS, Washington, D. C.
Filed October 12, 1925. Serial No. 221,651. PUBLISHED DECEMBER 29, 1925.

210,830. COAL. HART COAL CORPORATION, Mortons Gap, Ky.
Filed October 13, 1925. Serial No. 221,661. PUBLISHED DECEMBER 29, 1925.

210,831. LUBRICATING OILS AND GREASES. LESLIE E. BAKER, doing business as Baker Oil Company, Milton, Pa.
Filed September 28, 1925. Serial No. 220,882. PUBLISHED DECEMBER 29, 1925.

210,832. GOLF CLUBS, GOLF BAGS, GOLF BALLS, GOLF-BALL CLEANERS, AND GOLF TEES, WATER MOUNTS SUCH AS SURF RIDERS AND INFLATABLE SUPPORTS FOR BATHERS, SURF GLIDERS, TENNIS AND SQUASH RACKETS AND PRESSES, TENNIS NETS AND POSTS, MARKERS, RUBBER RACKET GRIPS, TENNIS BAGS, MARKING PINS, GROUND SKIS, SKI STICKS, AND ICE AND ROLLER SKATES. FORTNUM & MASON, LTD., London, England.
Filed July 6, 1925. Serial No. 216,903. PUBLISHED JANUARY 12, 1926.

210,833. CERTAIN YARNS AND THREADS. DERWENT MILLS LTD., Matlock, England.
Filed July 11, 1925. Serial No. 217,210. PUBLISHED DECEMBER 22, 1925.

210,834. MEN'S CAPS. LONG'S HAT STORES, New York, N. Y.
Filed June 20, 1925. Serial No. 216,108. PUBLISHED DECEMBER 29, 1925.

210,835. READY-MIXED PAINTS. PEASLEE-GAULBERT CO., Louisville, Ky.
Filed November 29, 1924. Serial No. 206,025. PUBLISHED DECEMBER 29, 1925.

210,836. CANDY. STEPHEN F. WHITMAN & SON, INC., Philadelphia, Pa.
Filed December 29, 1924. Serial No. 207,427. PUBLISHED JANUARY 5, 1926.

210,837. MEN'S CAPS. LONG'S HAT STORES, New York, N. Y.
Filed June 20, 1925. Serial No. 216,109. PUBLISHED DECEMBER 29, 1925.

210,838. A CERTAIN HAND TOOL FOR TRACING. THE C. W. ARCHER SHOE CO., Cincinnati, Ohio.
Filed January 17, 1925. Serial No. 208,217. PUBLISHED DECEMBER 29, 1925.

210,839. RADIO RECEIVING SETS. AUTOMATIC RADIO CORPORATION OF AMERICA, Wilmington, Del.
Filed January 28, 1925. Serial No. 208,739. PUBLISHED DECEMBER 29, 1925.

210,840. NONELECTRIC SWEEPERS AND CLEANERS AND PARTS AND ATTACHMENTS THEREFOR. THE SCOTT AND FETZER COMPANY, Cleveland, Ohio.
Filed February 6, 1925. Serial No. 209,179. PUBLISHED MAY 12, 1925.

210,841. WATCHCASES. THE DUEBER-HAMPDEN WATCH COMPANY, Canton, Ohio.
Filed February 17, 1925. Serial No. 209,725. PUBLISHED DECEMBER 29, 1925.

210,842. RADIO RECEIVING SETS AND PARTS THEREOF. ALLAN T. HANSCOM, Woonsocket, R. I.
Filed March 18, 1925. Serial No. 211,308. PUBLISHED DECEMBER 29, 1925.

210,843. LADIES' AND MISSES' COSTUMES IN ONE, TWO, AND THREE PIECE GARMENTS. OBERBACH'S AFFILIATED STORES INC., New York, N. Y.
Filed March 21, 1925. Serial No. 211,423. PUBLISHED DECEMBER 29, 1925.

210,844. PAINT AND PAINT PRODUCTS. THE SOUDER COMPANY, INC., Ardmore, Pa.
Filed April 23, 1925. Serial No. 213,300. PUBLISHED DECEMBER 29, 1925.

210,845. CERTAIN TOWELS AND PIECE GOODS. EDWARD M. HILL, doing business as Edward M. Hill & Co., New York, N. Y.
Filed May 2, 1925. Serial No. 213,709. PUBLISHED DECEMBER 29, 1925.

210,846. RADIATOR CUPBOARDS AND RADIATOR CLOSETS. DOROTHY W. DAY, Chicago, Ill.
Filed May 20, 1925. Serial No. 214,588. PUBLISHED DECEMBER 29, 1925.

210,847. AXES AND HATCHETS. KELLY AXE AND TOOL COMPANY, Charleston, W. Va.
Filed May 28, 1925. Serial No. 215,010. PUBLISHED DECEMBER 15, 1925.

210,848. POCKET, VANITY CASE, AND HAND BRUSHES. MAURICE BRITZ, Chicago, Ill.
Filed June 1, 1925. Serial No. 215,182. PUBLISHED JANUARY 5, 1926.

210,849. COTTON PIECE GOODS. J. L. STIFEL & SONS, Wheeling, W. Va.
Filed June 12, 1925. Serial No. 215,713. PUBLISHED DECEMBER 29, 1925.

210,850. TOILET SOAP. LENTHERIC, INC., New York, N. Y.
Filed June 18, 1925. Serial No. 215,989. PUBLISHED DECEMBER 29, 1925.

210,851. MAGAZINE PUBLISHED MONTHLY. CORTS PUBLISHING COMPANY, New York, N. Y., assignor to Dell Publishing Company, New York, N. Y., a Corporation of New York.
Filed June 20, 1925. Serial No. 216,089. PUBLISHED JANUARY 5, 1926.

210,852. DRESS AND NEGLIGEE SHIRTS. LUSTBERG, NAST & CO., New York, N. Y.
Filed December 9, 1924. Serial No. 206,487. PUBLISHED DECEMBER 29, 1925.

210,853. TAPESTRY, PICTURES, OR HANGINGS WOVEN OF TEXTILE FABRICS. LA FRANCE ART COMPANY, Philadelphia, Pa.
Filed December 12, 1924. Serial No. 206,626. PUBLISHED DECEMBER 29, 1925.

210,854. SHAVING CREAM OR SOAP. TWINPLEX SALES COMPANY, St. Louis, Mo.
Filed November 27, 1925. Serial No. 223,947. PUBLISHED JANUARY 5, 1926.

210,855. CANDLES. REBA B. LAWRENCE, Brookline, Mass.
Filed October 22, 1925. Serial No. 222,129. PUBLISHED DECEMBER 29, 1925.

210,856. NONALCOHOLIC, MALTLESS BEVERAGES, SOLD AS SOFT DRINKS, SIRUPS, AND EXTRACTS FOR MAKING THE SAME, AND MINERAL WATER. EGON BRAUN AKTIENGESELLSCHAFT, Hamburg, Germany.
Filed October 20, 1925. Serial No. 222,017. PUBLISHED JANUARY 5, 1926.

210,857. COTTON PIECE GOODS. LANCASTER MILLS, Clinton, Mass.
Filed October 26, 1925. Serial No. 222,327. PUBLISHED DECEMBER 29, 1925.

210,858. FLUSH PLATES AND CONVENIENCE OPENINGS. REEVES ENGINEERING CORPORATION, Newark, N. J.
Filed October 22, 1925. Serial No. 222,144. PUBLISHED DECEMBER 29, 1925.

210,859. LIQUID CLOTHES CLEANER. WHITE ROSE MANUFACTURING CO., Los Angeles, Calif.
Filed November 30, 1925. Serial No. 224,063. PUBLISHED JANUARY 5, 1926.

210,860. KNITTED JACKETS, VESTS, COATS, AND SWEATERS FOR MEN, WOMEN, AND CHILDREN. GRUSHLAW AND SICHEL, Philadelphia, Pa.
Filed October 22, 1925. Serial No. 222,114. PUBLISHED DECEMBER 29, 1925.

210,861. LUBRICATING GREASE. TIDE WATER OIL COMPANY, Bayonne, N. J., and New York, N. Y.
Filed November 30, 1925. Serial No. 224,061. PUBLISHED JANUARY 5, 1926.

210,862. LACQUERS, LACQUER ENAMELS, AND LACQUER THINNERS. THE EGYPTIAN LACQUER MANUFACTURING COMPANY, New York, N. Y.
Filed November 27, 1925. Serial No. 223,907. PUBLISHED JANUARY 5, 1926.

210,863. LACQUERS, LACQUER ENAMELS, AND LACQUER THINNERS. THE EGYPTIAN LACQUER MANUFACTURING COMPANY, New York, N. Y.
Filed November 27, 1925. Serial No. 223,905. PUBLISHED JANUARY 5, 1926.

210,864. FLINT PAPER. MONTEROS & CO., INC., New Orleans, La.
Filed November 24, 1925. Serial No. 223,796. PUBLISHED JANUARY 5, 1926.

210,865. SPIRITS FOR CIGAR LIGHTERS. ALFRED DUNHILL OF LONDON INC., New York, N. Y.
Filed November 24, 1925. Serial No. 223,774. PUBLISHED JANUARY 5, 1926.

210,866. GOLF CLUBS. THE CRAWFORD, MCGREGOR AND CANBY COMPANY, Dayton, Ohio.
Filed November 24, 1925. Serial No. 223,769. PUBLISHED JANUARY 5, 1926.

210,867. PETROLEUM WAX. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill.
Filed November 23, 1925. Serial No. 223,749. PUBLISHED JANUARY 5, 1926.

210,868. READY-MIXED PAINT. GREAT LAKES VARNISH WORKS, INC., Chicago, Ill.
Filed November 23, 1925. Serial No. 223,709. PUBLISHED JANUARY 5, 1926.

210,869. READY-MIXED PAINT FOR APPLYING ON OUTSIDE SURFACES. GREAT LAKES VARNISH WORKS, INC., Chicago, Ill.
Filed November 23, 1925. Serial No. 223,708. PUBLISHED JANUARY 5, 1926.

210,870. CANDY. FERRARA PAN CONFECTION CO., Chicago, Ill.
Filed November 23, 1925. Serial No. 223,699. PUBLISHED JANUARY 5, 1926.

210,871. NAPHTHA. MAGNOLIA PETROLEUM COMPANY, Dallas, Tex.
Filed November 21, 1925. Serial No. 223,649. PUBLISHED JANUARY 5, 1926.

210,872. FRESH GRAPES. A. GIOLITTI, Wahtoke (P. O. Sanger), Calif.
Filed November 21, 1925. Serial No. 223,637. PUBLISHED JANUARY 5, 1926.

210,873. FRESH GRAPES. A. GIOLITTI, Wahtoke (P. O. Sanger), Calif.
Filed November 21, 1925. Serial No. 223,636. PUBLISHED JANUARY 5, 1926.

210,874. MINIATURE AUTOMOBILES AND OTHER MINIATURE ROAD VEHICLES, MINIATURE STEAM SHOVELS, GRAB BUCKETS, DIGGERS, AND THE LIKE FOR USE AS TOYS. THE A. C. GILBERT COMPANY, New Haven, Conn.
Filed November 21, 1925. Serial No. 223,635. PUBLISHED JANUARY 5, 1926.

210,875. FISHING REELS. THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio.
Filed November 21, 1925. Serial No. 223,626. PUBLISHED JANUARY 5, 1926.

210,876. CONFECTIONS—NAMELY, FRUIT CAKES. R. O. WHYMAN AND COMPANY, Chicago, Ill.
Filed November 20, 1925. Serial No. 223,618. PUBLISHED JANUARY 5, 1926.

210,877. MATCHES. THE OHIO MATCH COMPANY, Wadsworth, Ohio.
Filed November 20, 1925. Serial No. 223,594. PUBLISHED JANUARY 5, 1926.

210,878. MATCHES. THE OHIO MATCH COMPANY, Wadsworth, Ohio.
Filed November 20, 1925. Serial No. 223,593. PUBLISHED JANUARY 5, 1926.

210,879. CHEESE. GERBER & CO. A. G., Thoune, Switzerland.
Filed October 22, 1925. Serial No. 222,112. PUBLISHED DECEMBER 29, 1925.

210,880. CURTAIN HARDWARE MADE OUT OF BRASS, STEEL, COPPER, IRON, AND COMPOSITIONS OF METAL. THE JOHN KROBER & HENRY REUBEL CO. INC., New York, N. Y.
Filed September 28, 1925. Serial No. 220,906. PUBLISHED DECEMBER 29, 1925.

210,881. NONALCOHOLIC, MALTLESS BEVERAGES AND SIRUPS, EXTRACTS, AND EMULSIONS FOR MAKING THE SAME. CANADIAN CLUB CORPORATION, Boston, Mass.
Filed September 29, 1925. Serial No. 220,938. PUBLISHED JANUARY 5, 1926.

210,882. SOAP. THE PALMOLIVE COMPANY, Chicago, Ill.
Filed October 2, 1925. Serial No. 221,136. PUBLISHED DECEMBER 29, 1925.

210,883. MONTHLY MAGAZINE. AMERICAN FRUITS PUBLISHING COMPANY, INC., Rochester, N. Y.
Filed October 3, 1925. Serial No. 221,155. PUBLISHED DECEMBER 29, 1925.

210,884. CERTAIN BATHROOM AND KITCHEN ACCESSORIES. J. H. BALMER COMPANY, Newark, N. J.
Filed October 3, 1925. Serial No. 221,159. PUBLISHED DECEMBER 29, 1925.

210,885. PUTTYLIKE CALKING CEMENT. BRANT & NIELSEN, Milwaukee, Wis.
Filed October 5, 1925. Serial No. 221,232. PUBLISHED JANUARY 5, 1926.

210,886. HOPPED MALT EXTRACT, MALT EXTRACT, AND MALT SIRUP. REISCH FOOD PRODUCTS COMPANY, Springfield, Ill.
Filed October 7, 1925. Serial No. 221,380. PUBLISHED JANUARY 5, 1926.

210,887. HOPPED MALT EXTRACT, MALT EXTRACT, AND MALT SYRUP. REISCH FOOD PRODUCTS COMPANY, Springfield, Ill.
Filed October 7, 1925. Serial No. 221,381. PUBLISHED JANUARY 5, 1926.

210,888. SILK TEXTILE PIECE GOODS. FREDERICK E. DONALDSON, New York, N. Y.
Filed October 8, 1925. Serial No. 221,411. PUBLISHED DECEMBER 29, 1925.

210,889. WHISKY. SMALL GRAIN DISTILLING & DRUG CO., Louisville, Ky.
Filed September 3, 1925. Serial No. 219,782. PUBLISHED JANUARY 12, 1926.

210,890. CERTAIN MEASURING AND SCIENTIFIC APPLIANCES. CHEMICAL TREATMENT COMPANY, INC., New York, N. Y.
Filed September 4, 1925. Serial No. 219,807. PUBLISHED DECEMBER 29, 1925.

210,891. MEN'S, WOMEN'S, AND CHILDREN'S CLOTHING—NAMELY, DRESS AND NEGLIGEE SHIRTS, NIGHTGOWNS, AND PYJAMAS. BROWNSTEIN-LOUIS COMPANY, Los Angeles, Calif.
Filed September 5, 1925. Serial No. 219,874. PUBLISHED DECEMBER 29, 1925.

210,892. TEXTILE FABRICS OF COTTON, WOOL, SILK, AND MIXTURES OF THE SAME IN THE PIECE. BROWNSTEIN-LOUIS COMPANY, Los Angeles, Calif.
Filed September 5, 1925. Serial No. 219,875. PUBLISHED DECEMBER 29, 1925.

210,893. SOLID, POWDERED, GRANULATED, FLAKY, AND LIQUID SOAPS AND SAPONACEOUS PREPARATIONS FOR LAUNDRY USES. "PROKA" PARFÜMERIE- UND SEIFENFABRIKS A. G., Vienna, Austria.
Filed September 9, 1925. Serial No. 220,038. PUBLISHED DECEMBER 29, 1925.

210,894. RUBBER BOOTS AND SHOES, RUBBER OVERSHOES, RUBBER-SOLE CANVAS SHOES, AND RUBBER BATHING SHOES. HOOD RUBBER COMPANY, Watertown, Mass.
Filed September 11, 1925. Serial No. 220,120. PUBLISHED DECEMBER 29, 1925.

210,895. WOOLEN PIECE GOODS. RITTENBERG BROS., New York, N. Y.
Filed September 11, 1925. Serial No. 220,143. PUBLISHED DECEMBER 29, 1925.

210,896. PERIODICAL PUBLISHED WEEKLY—NAMELY, A WEEKLY BULLETIN SOLD IN INTERSTATE COMMERCE. THE WALL STREET FINANCIAL BUREAU, INC., New York, N. Y.
Filed September 14, 1925. Serial No. 220,265. PUBLISHED DECEMBER 29, 1925.

210,897. A SYSTEM OF ELECTRICAL SUPERVISION. U. S. E. M. COMPANY, New York, N. Y.
Filed September 15, 1925. Serial No. 220,297. PUBLISHED DECEMBER 29, 1925.

210,898. LACQUERS, LACQUER ENAMELS, THINNERS, BRONZING LIQUIDS, CHEK ENAMELS. ROYALIN FLEXIBLE LACQUER COMPANY, INCORPORATED, Long Island City, N. Y.
Filed September 16, 1925. Serial No. 220,324. PUBLISHED DECEMBER 29, 1925.

210,899. RADIO RECEIVING EQUIPMENT. FEDERAL RADIO CORPORATION, Buffalo, N. Y.
Filed September 18, 1925. Serial No. 220,402. PUBLISHED DECEMBER 29, 1925.

210,900. CANNED WHITE CHERRIES, PITTED RED CHERRIES, GRAPES, BLUEBERRIES, BLACK RASPBERRIES, RED RASPBERRIES, LOGAN BERRIES, STRAWBERRIES, TOMATOES, APRICOTS, YELLOW CLING PEACHES, PEARS, SLICED PINEAPPLE, GRATED PINEAPPLE, AND GOLD DROP PLUMS, CANNED ASPARAGUS TIPS, REFUGEE BEANS, WAX BEANS, RED BEANS, RED KIDNEY BEANS, BEANS WITH PORK, LIMA BEANS, BEANS IN SAUCE, BEETS, EARLY JUNE PEAS, SUGAR JUNE PEAS, CORN, HOMINY, PUMPKIN, SWEET POTATOES, SPINACH, AND SUCCOTASH; DRIED CURRANTS, RAISINS, DRIED PRUNES; CANNED SALMON, CANNED OYSTERS, SARDINES; PRESERVED BLACKBERRIES, GOOSEBERRIES, STRAWBERRIES; PAPRIKA, GINGER, BLACK PEPPER, CINNAMON, MUSTARD, CIDER VINEGAR, OLIVE OIL, TAPIOCA, CORNSTARCH FOR FOOD PURPOSES; COFFEE, TEA; BIRDSEED, AND GROUND MACE AND NUTMEG, AND FOOD FLAVORING EXTRACTS. FOLEY BROS. GROCERY CO., St. Paul, Minn.
Filed September 21, 1925. Serial No. 220,514. PUBLISHED DECEMBER 29, 1925.

210,901. OVERCOATS. J. & J. C. DORWARD, LIMITED, Galashiels, Scotland.
Filed September 22, 1925. Serial No. 220,598. PUBLISHED DECEMBER 29, 1925.

210,902. CERTAIN TRAYS. CRESCENT WASHING MACHINE COMPANY, New Rochelle, N. Y.
Filed September 23, 1925. Serial No. 220,643. PUBLISHED DECEMBER 29, 1925.

TRADE-MARK REGISTRATIONS RENEWED

25,592. CAKES, BISCUITS, BREAD, AND CONFECTIONERY. Registered December 4, 1894. McVITIE & PRICE. Renewed December 4, 1924, to McVitie & Price, Limited, Edinburgh, Scotland, a Corporation of Great Britain, successor.

46,855. JEWELRY CHAINS. Registered October 10, 1905. R. F. SIMMONS COMPANY. Renewed October 10, 1925, to R. F. Simmons Company, Attleboro, Mass., a Copartnership, assignee.

48,196. MEDICINES FOR THE BLOOD. Registered December 19, 1905. SAMUEL BRUBAKER HARTMAN, Columbus, Ohio. Renewed December 19, 1925, to The Peruna Corporation, Chicago, Ill., a Corporation of Illinois, assignee, by mesne assignments.

48,457. CURED MEATS. Registered January 2, 1906. GEORGE A. HORMEL & Co., Austin, Minn., a Corporation of Minnesota. Renewed January 2, 1926.

48,491. SILVER-PLATED FLATWARE, HOLLOW WARE, AND TABLEWARE. Registered January 2, 1906. WM. A. ROGERS LIMITED, New York, N. Y. Renewed January 2, 1926, to Wm. A. Rogers Limited, Toronto, Canada, and Niagara Falls, N. Y., a Corporation of Ontario, Canada.

48,529. ROTARY TYPE-PRINTING MACHINES. Registered January 2, 1906. THE AMERICAN MULTIGRAPH COMPANY. Renewed January 2, 1926, to The American Multigraph Sales Company, Cleveland, Ohio, a Corporation of Ohio, assignee.

48,537. SILVER-PLATED FLATWARE, HOLLOW WARE, AND TABLEWARE. Registered January 2, 1906. WM. A. ROGERS LIMITED, Toronto, Canada, and Niagara Falls, N. Y., a Corporation of Ontario, Canada. Renewed January 2, 1926.

48,600. ROTARY PRINTING MACHINES ADAPTED TO BE OPERATED BY HAND. Registered January 9, 1906. THE AMERICAN MULTIGRAPH CO. Renewed January 9, 1926, to The American Multigraph Sales Company, Cleveland, Ohio, a Corporation of Ohio, assignee.

48,740. CANNED FRUITS AND VEGETABLES. Registered January 9, 1906. THE SCUDDERS-GALE GROCER COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed January 9, 1926.

49,124. LEATHER SHOES. Registered January 23, 1906. J. P. HARTRAY SHOE CO. Renewed January 23, 1926, to Fargo-Hallowell Shoe Co., Chicago, Ill., a Corporation of Illinois, assignee by mesne assignments.

49,133. WOODEN BOXES. Registered January 23, 1906. THE NEW ENGLAND BOX CO. Renewed January 23, 1926, to The New England Box Co., Greenfield, Mass., a Corporation of Massachusetts, successor.

49,274. LUBRICATING OILS. Registered January 30, 1906. GALENA-SIGNAL OIL COMPANY, Franklin, Pa., a Corporation of Pennsylvania. Renewed January 30, 1926.

49,310. WEB-PERFECTING PRINTING MACHINES. Registered January 30, 1906. THE GOSS PRINTING PRESS COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed January 30, 1926.

49,434. CARTRIDGES. Registered February 6, 1906. ELEY BROTHERS LIMITED, London, England, a Corporation of Great Britain. Renewed February 6, 1926.

49,597. LATHES. Registered February 13, 1906. THE NATIONAL-ACME MANUFACTURING COMPANY. Renewed February 13, 1926, to The National Acme Company, Cleveland, Ohio, a Corporation of Ohio, successor.

50,094. WATCHES. Registered March 6, 1906. ELGIN NATIONAL WATCH CO., Elgin and Chicago, Ill., a Corporation of Illinois. Renewed March 6, 1926.

50,248. A REMEDY FOR ASTHMA. Registered March 6, 1906. TAFTS ASTHMALENE COMPANY. Renewed March 6, 1926, to B. S. McKean, Inc., New York, N. Y., a Corporation of New York, assignee.

50,531. GERMICIDES. Registered March 20, 1906. THE RHUMA-SULPHUR CO. Renewed March 20, 1926, to James F. Ballard, Inc., St. Louis, Mo., a Corporation of Missouri, successor.

50,744. BUTTONS. Registered March 27, 1906. DIECKERHOFF, RAFFLOER & Co. Renewed March 27, 1926, to Dieckerhoff, Raffloer & Company, Inc., New York, N. Y., a Corporation of New York, assignee by mesne assignments.

50,970. LEATHER AND CLOTH BOOTS, SHOES, AND SLIPPERS. Registered April 3, 1906. HANAN & SON, New York, N. Y. Renewed April 3, 1926, to Hanan & Son, Brooklyn, New York, N. Y.

51,006. PIANOS. Registered April 3, 1906. A. M. McPHAIL PIANO CO., Boston, Mass., a Corporation of Massachusetts. Renewed April 3, 1926.

51,028. CRACKERS AND BISCUITS. Registered April 3, 1906. GREEN GREEN & Co. Renewed April 3, 1926, to The Green & Green Company, Dayton, Ohio, a Corporation of Ohio, successor.

51,196. SOLID SALTS FOR MAKING BEVERAGES. Registered April 10, 1906. JOSEPH PERSONENI, New York, N. Y. Renewed April 10, 1926.

51,243. SOAP. Registered April 10, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed April 10, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

51,299. STRINGS FOR VIOLINS. Registered April 10, 1906. LYON & HEALY. Renewed April 10, 1926, to Lyon & Healy, Inc., Chicago, Ill., a Corporation of Illinois, assignee.

51,330. PRESSBOARD OR PRESS PAPER. Registered April 10, 1906. THE ROGERS PAPER MFG. CO., INC'D, Manchester, Conn. Renewed April 10, 1926, to The Rogers Paper Mfg. Co., Inc'd, South Manchester, Conn., a Corporation of Connecticut.

51,371. STRINGS FOR VIOLINS. Registered April 17, 1906. LYON & HEALY. Renewed April 17, 1926, to Lyon & Healy, Inc., Chicago, Ill., a Corporation of Illinois, assignee.

51,374. STRINGS FOR MUSICAL INSTRUMENTS. Registered April 17, 1906. LYON & HEALY. Renewed April 17, 1926, to Lyon & Healy, Inc., Chicago, Ill., a Corporation of Illinois, assignee.

51,440. MOLASSES. Registered April 17, 1906. P. DUFF & SONS. Renewed April 17, 1926, to P. Duff & Sons, Inc., Pittsburgh, Pa., a Corporation of Pennsylvania, successor.

51,680. BRAIDS AND TAPES. Registered April 24, 1906. DIECKERHOFF, RAFFLOER & Co. Renewed April 24, 1926, to Dieckerhoff, Raffloer & Company, Inc., New York, N. Y., a Corporation of New York, assignee by mesne assignments.

52,282. COATS, PANTS, AND OVERALLS. Registered May 8, 1906. SYRACUSE DRY GOODS CO. Renewed May 8, 1926, to Syracuse Dry Goods Company, Syracuse, N. Y., a Corporation of New York.

52,601. SOAP. Registered May 15, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 15, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

52,603. SOAP. Registered May 15, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 15, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

52,604. SOAP. Registered May 15, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 15, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

52,606. SOAP. Registered May 15, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 15, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

52,607. SOAP. Registered May 15, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 15, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

52,610. SOAP. Registered May 15, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 15, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

52,611. SOAP. Registered May 15, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 15, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

52,612. SOAP. Registered May 15, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 15, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

52,615. SOAP. Registered May 15, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 15, 1926, to Gold Dust Corporation, Jersey City, N. J., a corporation of New Jersey, assignee.

52,766. CHAMPAGNE OR SPARKLING WINE. Registered May 15, 1906. AMERICAN WINE Co., St. Louis, Mo., a Corporation of Missouri. Renewed May 15, 1926.

52,786. SOAP. Registered May 15, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 15, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

52,803. WALL PAPERS. Registered May 15, 1906. BAECK WALL PAPER CO., New York, N. Y. Renewed May 15, 1926, to Baeck Wall Paper Co., Brooklyn, N. Y., a Corporation of New York, assignee.

52,843. DETONATING CAPS AND BLASTING FUSES. Registered May 22, 1906. THE AETNA POWDER Co., Chicago, Ill. Renewed May 22, 1926, to Hercules Explosives Corporation, Wilmington, Del., a Corporation of New York, assignee by mesne assignments.

52,909. DEVICES FOR CONNECTING BRANCH AND MAIN CIRCUITS. Registered May 22, 1906. H. T. PAISTE Co. Renewed May 22, 1926, to Taplet Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania, assignee.

52,922. MOWER, BINDER, REAPER, AND HEADER KNIFE AND SICKLE HEADS. Registered May 22, 1906. THE WHITMAN & BARNES MANUFACTURING COMPANY, Akron, Ohio, a Corporation of Ohio. Renewed May 22, 1926.

52,955. ADHESIVE PLASTERS. Registered May 22, 1906. JOHNSON & JOHNSON, New Brunswick, N. J., a Corporation of New Jersey. Renewed May 22, 1926.

53,139. MATTRESSES. Registered May 29, 1906. THE COLORADO BEDDING CO., Pueblo, Colo. Renewed May 29, 1926, to The Colorado Bedding Co., Denver, Colo., a Corporation of Colorado.

53,143. LEATHER AND CLOTH BOOTS, SLIPPERS, AND SHOES. Registered May 29, 1906. HANAN & SON, New York, N. Y. Renewed May 29, 1926, to Hanan & Son, Brooklyn, New York, N. Y.

53,321. SOAP. Registered May 29, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 29, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

53,322. SOAP. Registered May 29, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 29, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

53,323. SOAP. Registered May 29, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 29, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

53,351. SOAP. Registered May 29, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 29, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee.

53,352. SOAP. Registered May 29, 1906. THE N. K. FAIRBANK COMPANY, Chicago, Ill. Renewed May 29, 1926, to Gold Dust Corporation, Jersey City, N. J., a Corporation of New Jersey, assignee

53,380. CERTAIN NAMED MUSICAL INSTRUMENTS. Registered June 5, 1906. LYON & HEALY. Renewed June 5, 1926, to Lyon & Healy, Inc., Chicago, Ill., a Corporation of Illinois, assignee.

53,748. COAL-MINERS' PICKS. Registered June 12, 1906. FULTON TOOL WORKS, Canal Fulton, Ohio. Renewed June 12, 1926, to Fulton Tool Works, Huntington, W. Va., a Corporation of West Virginia, assignee.

54,023. NEEDLES FOR SEWING BY HAND AND BY MACHINE. Registered June 19, 1906. THE SINGER MANUFACTURING COMPANY, New York, N. Y. Renewed June 19, 1926, to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey.

54,051. RAT, VERMIN, AND INSECT DESTROYER OR EXTERMINATOR. Registered June 19, 1906. EPHRAIM S. WELLS. Renewed June 19, 1926, to William Henry Wells and George Titus Wells, Jersey City, N. J., executors and trustees.

54,142. DRESS SHIELDS. Registered June 19, 1906. I. B. KLEINERT RUBBER COMPANY. Renewed June 19, 1926, to I. B. Kleinert Rubber Company, New York, N. Y., a Corporation of New York, successor.

54,454. PULVERIZED GRAPHITE. Registered June 26, 1906. THE UNITED STATES GRAPHITE COMPANY, Saginaw, Mich., a Corporation of Michigan. Renewed June 26, 1926.

54,495. BUTTER. Registered June 26, 1906. H. C. CHRISTIANS Co., Johnson Creek, Wis., a Corporation of Wisconsin. Renewed June 26, 1926.

54,518. GUITARS AND ZITHERS. Registered June 26, 1906. LYON & HEALY. Renewed June 26, 1926, to Lyon & Healy, Inc., Chicago, Ill., a Corporation of Illinois, assignee.

54,629. PRESSBOARD AND PRESS PAPER. Registered June 26, 1906. THE ROGERS PAPER MFG. CO. INC'D, South Manchester, Conn., a Corporation of Connecticut. Renewed June 26, 1926.

54,825. HARNESS LEATHER. Registered July 31, 1906. HAFFNER BROS. Renewed July 31, 1926, to The Haffner Bros. Company, Cincinnati, Ohio, a Corporation of Ohio, assignee.

54,860. HARD-RUBBER BATTERY CELLS. Registered July 31, 1906. AMERICAN HARD RUBBER CO., New York, N. Y. Renewed July 31, 1926, to American Hard Rubber Company, Hempstead and New York, N. Y., a Corporation of New York.

LABELS

REGISTERED MARCH 23, 1926.

30,096.—*Title:* WITZI WITS. For Games. ALDERMAN, FAIRCHILD CO., Rochester, N. Y. Published February 1, 1926.

30,097.—*Title:* RADIO GAME. For Games. ALDERMAN, FAIRCHILD CO., Rochester, N. Y. Published February 1, 1926.

30,098.—*Title:* ANIMAL AND BIRD LOTTO. For Games. ALDERMAN, FAIRCHILD CO., Rochester, N. Y. Published February 1, 1926.

30,099.—*Title:* PIRATES' GOLD. For Games. ALDERMAN, FAIRCHILD CO., Rochester, N. Y. Published Feb. 1, 1926.

30,100.—*Title:* IMPORTED BALED PLANTATIONS PUROS EXCELLENTES. For Cigars. AMERICAN CUBAN CIGAR COMPANY, Los Angeles, Calif. Published August 15, 1925.

30,101.—*Title:* BOYD. For Self-Rising Pancake Flour. THE BOYD PRODUCE CO., Boyd, Wis. Published October 20, 1924.

30,102.—*Title:* ROSEBEN. For Fur-Cleaning Compound. BENJAMIN COHEN, doing business as The Roseben Company, Detroit, Mich. Published January 10, 1926.

30,103.—*Title:* COLLINGBOURNE'S BOIL PROOF 6 STRAND. For Embroidery Floss. COLLINGBOURNE MILLS, INC., doing business as Collingbourne's, Elgin, Ill. Published January 28, 1926.

30,104.—*Title:* LIGHTNING. For Polishing Cloths. CHARLES DOMETRIUS, Thermal, Calif. Published December 11, 1925.

30,105.—*Title:* MORGAN'S REMEDY FOR EATING CANCER. For a Medicinal Preparation. WM. MORGAN, Philadelphia, Pa. Published November 2, 1925.

30,106.—Title: GEORGE MASON. For Cigars. WILLIAM W. MUEHLHAUSER, Quakertown, Pa. Published February 6, 1926.

30,107.—*Title:* FLORIDA MAID. For Soft-Drink Beverages. RUTHERFORD COMPANY, Miami, Fla., and Long Island City, N. Y. Published February 1, 1926.

30,108.—*Title:* SIMPSON SPRING PALE DRY. For Ginger Ale. SIMPSON SPRING COMPANY, Easton, Mass. Published January 12, 1926.

30,109.—*Title:* SPA AM-E-NO TABLETS. For a Proprietary Medicine. SPA HEALTH LABORATORIES, INC., Cambridge Springs, Pa. Published October 1, 1925.

PRINTS

REGISTERED MARCH 23, 1926.

8,644.—*Title:* MADE FOR THE BEST RETAIL TRADE B. V. D. For Athletic Underwear. THE B. V. D. COMPANY, INC., New York, N. Y. Published March 27, 1924.

8,645.—*Title:* MADE FOR THE B. V. D. BEST RETAIL TRADE. For Athletic Underwear. THE B. V. D. COMPANY, INC., New York, N. Y. Published March 27, 1924.

8,646.—*Title:* SATISFY HUNGER—QUENCH THIRST. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published February 10, 1926.

8,647.—*Title:* THE GREAT AMERICAN LUNCH. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published February 10, 1926.

8,648.—*Title:* 7 MILLION A DAY. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published February 10, 1926.

8,649.—*Title:* ICE COLD. For Coca-Cola. COCA-COLA COMPANY, Atlanta, Ga. Published February 10, 1926.

8,650.—*Title:* MARION POWER'S JAPANESE JELL-O. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published December 1, 1925.

8,651.—*Title:* "LINN BALL APPLE SNOW JELL-O." For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published January 1, 1926.

8,652.—*Title:* EDEN TOILETRIES. For Toilet Articles. THE LA SALLE COMPANY, St. Paul, Minn. Published December 15, 1925.

8,653.—*Title:* "LOOK INTO IT." For Paints and Varnishes. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio. Published November 29, 1924.

8,654.—*Title:* BEST PAINT SOLD. For Paints and Varnishes. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio. Published November 29, 1924.

8,655.—*Title:* THERE IS A B P S FINISH FOR EVERY PURPOSE. For Paint, Enamel Stain, and Varnish. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio. Published November 29, 1924.

8,656.—*Title:* THE B P S DEMONSTRATION. For Paints. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio. Published November 29, 1924.

8,657.—*Title:* B P S MOTTLED OR STIPPLED FINISHES. For Flat Wall Finish. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio. Published November 29, 1924.

8,658.—*Title:* B. P. S. PLAIN WALL FINISHES. For Flat Wall Finish. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio. Published November 29, 1924.

8,659.—*Title:* B P S PORCH FLOOR AND DECK PAINT. For Paints. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio. Published November 29, 1924.

8,660.—*Title:* B P S INTERIOR FLOOR PAINT. For Paints. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio. Published November 29, 1924.

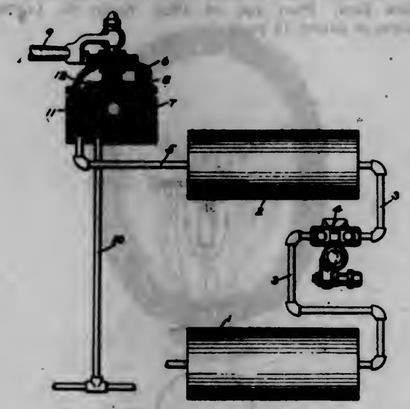
8,661.—*Title:* PAINTS AND VARNISHES. For Paints land, Ohio. Published November 29, 1924. Cleveland, Ohio. Published November 29, 1924.

8,662.—*Title:* SPA AM-E-NO TABLETS. For a Proprietary Medicine. SPA HEALTH LABORATORIES, INC., Cambridge Springs, Pa. Published October 1, 1925.

REISSUES

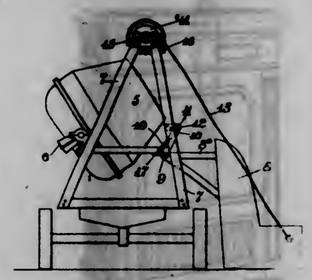
MARCH 23, 1926.

16,295. FLUID-PRESSURE BRAKE. SIDNEY G. DOWN, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Nov. 6, 1925. Serial No. 67,464. Original No. 1,468,479, dated Apr. 1, 1924, Serial No. 524,926, filed Dec. 27, 1921. 4 Claims. (Cl. 303—85.)



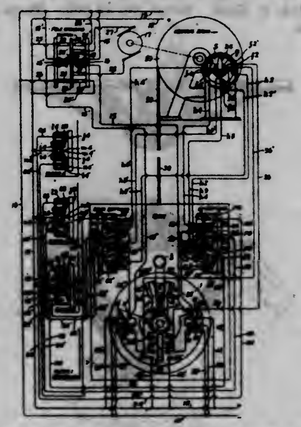
1. In a locomotive brake equipment, the combination with a primary reservoir adapted to be charged with fluid under pressure, a secondary reservoir, and a reducing valve device through which fluid under pressure is supplied at a reduced pressure from the primary reservoir to the secondary reservoir, of a brake pipe and a brake valve device having only one position in which fluid under pressure can be supplied to the brake pipe, said supply being only from said secondary reservoir.

16,296. CONCRETE MIXER. GERHARD JAEGER, Columbus, Ohio, assignor to The Jaeger Machine Company, Columbus, Ohio, a Corporation of Ohio. Filed Feb. 10, 1926. Serial No. 87,444. Original No. 1,535,159, dated Apr. 28, 1925, Serial No. 691,293, filed Feb. 7, 1924. 6 Claims. (Cl. 214—130.)



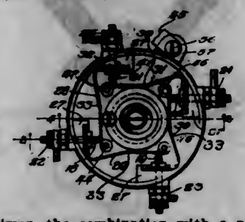
1. The combination with a mixing vessel and a frame for supporting the same, of a loader bucket for the mixing vessel, means for pivoting said bucket with reference to the frame consisting of a pendently hinged link, said link having a hinged connection at its free end with the loader bucket, and means for raising the bucket first on the lower axis and then on the other to mixing vessel charging position.

16,297. CONTROL FOR ELECTRIC ELEVATORS. HUMPHREY F. PARKER, Philadelphia, Pa., assignor to Otis Elevator Company, Jersey City, N. J., a Corporation of New Jersey. Filed Nov. 13, 1925. Serial No. 68,922. Original No. 1,506,380, dated Aug. 26, 1924, Serial No. 464,319, filed Apr. 25, 1921. 68 Claims. (Cl. 187—29.)



41. A control system for an elevator car comprising, a plurality of stop switches, one for each of a plurality of landings, a plurality of additional stop switches, one for each of said landings, start control switching mechanism, car actuating and stopping mechanism responsive to the first named stop switches to stop the car at the landings corresponding to said first named stop switches operated, only when the car is traveling in one direction, responsive to said additional stop switches to stop the car at the landings corresponding to said additional stop switches operated, only when the car is traveling in the other direction, and responsive to said start control switching mechanism to start the car, and means for preventing the operation of the car actuating and stopping mechanism to stop the car in response to the first named stop switches when the car is traveling in said other direction and in response to said additional stop switches when the car is traveling in said one direction.

16,298. ELECTRICAL TIMING DEVICE. GUSTAF A. SAFSTROM, Chicago, Ill. Filed Dec. 16, 1925. Serial No. 75,880. Original No. 1,499,479, dated July 1, 1924, Serial No. 583,262, filed Aug. 21, 1922. 7 Claims. (Cl. 200—27.)

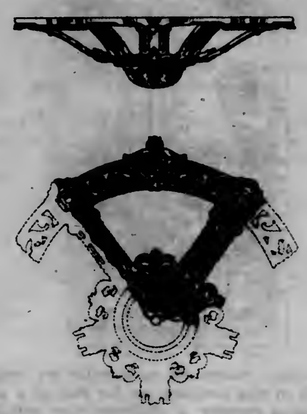


6. In a timer, the combination with a relatively fixed contact, of a rotary cam and a spring contact extending under its spring tension normally out of engagement with said fixed contact and bent in a direction to extend at its bent portion into the path of said cam and move directly thereby against said fixed contact and relative thereto in face-to-face rubbing contact therewith as said cam tends to straighten out said bent portion.

DESIGNS

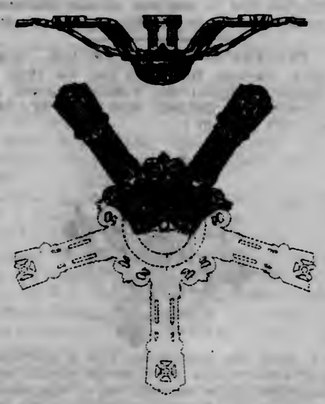
MARCH 23, 1926.

69,728. PLATE FOR LIGHTING FIXTURES. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed Jan. 8, 1926. Serial No. 16,003. Term of patent 7 years.



The ornamental design for a plate for lighting fixtures, as shown.

69,729. PLATE FOR LIGHTING FIXTURES. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed Jan. 8, 1926. Serial No. 16,004. Term of patent 7 years.



The ornamental design for a plate for lighting fixtures, as shown.

69,730. COFFEEPOT OR SIMILAR ARTICLE. GROSVENOR N. ALLEN, Oneida, N. Y., assignor to Oneida Community, Limited, Oneida, N. Y., a Corporation of New York. Filed Aug. 24, 1925. Serial No. 14,579. Term of patent 14 years.



The ornamental design for a coffeepot or similar article as shown.

69,731. STOVE. WILLIAM FRANKLIN ALLEN, Nashville, Tenn. Filed Jan. 6, 1926. Serial No. 15,970. Term of patent 7 years.



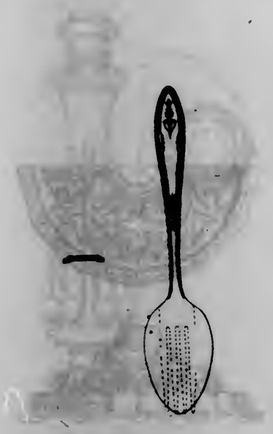
The ornamental design for a stove as shown.

69,732. RADIOANTENNA. CARL S. BATES, Chicago, Ill., assignor to Lincoln Radio Corporation, Chicago, Ill., a Corporation of Illinois. Filed Dec. 18, 1925. Serial No. 15,784. Term of patent 14 years.



The ornamental design for a radioantenna, as shown.

69,733. SPOON OR SIMILAR ARTICLE. ERNEST T. BECK, Meriden, Conn., assignor to International Silver Company, Meriden, Conn., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,502. Term of patent 14 years.



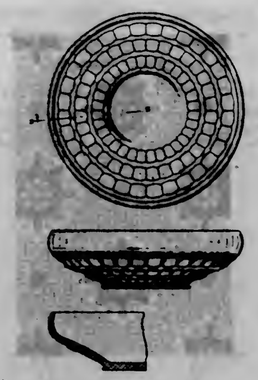
The ornamental design for a spoon or similar article as shown.

69,734. SPOON OR SIMILAR ARTICLE. ERNEST T. BECK, Meriden, Conn., assignor to International Silver Company, Meriden, Conn., a Corporation of New Jersey. Filed Nov. 23, 1925. Serial No. 15,503. Term of patent 14 years.



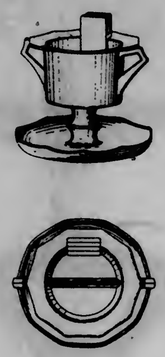
The ornamental design for a spoon or similar article as shown.

69,735. GLASS BOWL OR SIMILAR ARTICLE. ARTHUR J. BENNETT, Cambridge, Ohio. Filed Jan. 6, 1926. Serial No. 15,973. Term of patent 7 years.



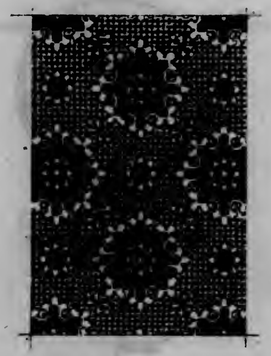
The ornamental design for a glass bowl or similar article, as shown.

69,736. SMOKER'S TRAY. ARTHUR J. BENNETT, Cambridge, Ohio. Filed Jan. 23, 1926. Serial No. 16,237. Term of patent 7 years.



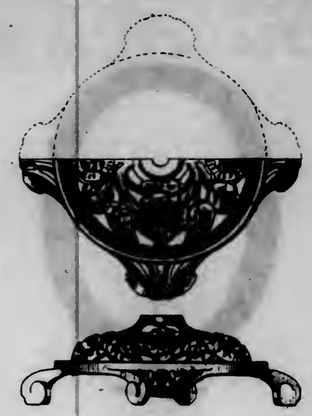
The ornamental design for a smoker's tray, as shown.

69,737. LINOLEUM OR SIMILAR HARD-SURFACED COVERING. FRANK CARTWRIGHT, Trenton, N. J., assignor to The Geo. W. Blabon Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Nov. 25, 1925. Serial No. 15,536. Term of patent 3½ years.



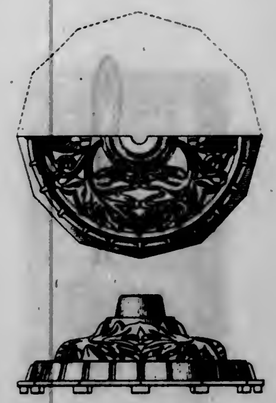
The ornamental design for linoleum or similar hard surfaced covering as shown and described.

69,738. LAMP BASE. THEODORE CHANOCK, Chicago, Ill. Filed Jan. 29, 1926. Serial No. 16,324. Term of patent 3½ years.



The ornamental design for a lamp base substantially as shown.

69,739. LAMP BASE. THEODORE CHANOCK, Chicago, Ill. Filed Jan. 29, 1926. Serial No. 16,325. Term of patent 3½ years.



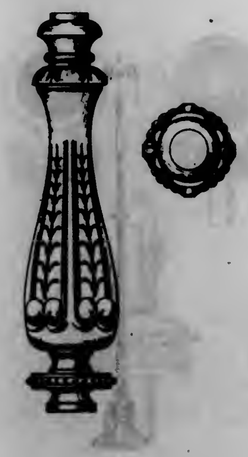
The ornamental design for a lamp base substantially as shown.

69,740. BRACKET FOR A LAMP-POST. THEODORE CHANOCK, Chicago, Ill. Filed Jan. 29, 1926. Serial No. 16,327. Term of patent 3½ years.



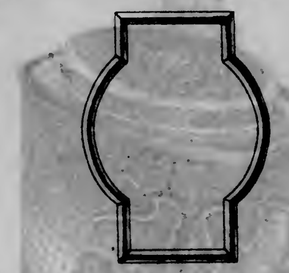
The ornamental design for a bracket for a lamp post, substantially as shown.

69,741. SPINDLE FOR LIGHTING FIXTURES. THEODORE CHANOCK, Chicago, Ill. Filed Feb. 3, 1926. Serial No. 16,380. Term of patent 3½ years.



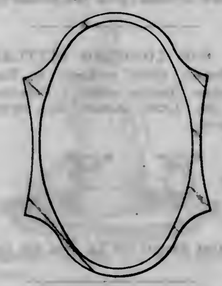
The ornamental design for a spindle for lighting fixtures, substantially as shown.

69,742. INSTRUMENT BEZEL. AXEL CLEVEN, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed May 3, 1922. Serial No. 2,065. Term of patent 7 years.



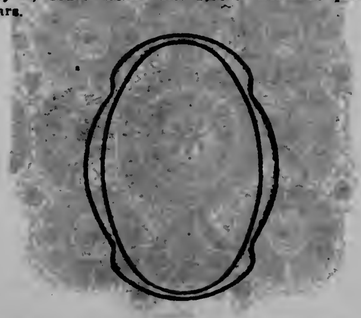
The ornamental design for an instrument bezel substantially as shown.

69,743. INSTRUMENT BEZEL. AXEL CLEVEN, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed May 3, 1922. Serial No. 2,066. Term of patent 7 years.



The ornamental design for an instrument bezel substantially as shown.

69,744. INSTRUMENT BEZEL. AXEL CLEVEN, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed May 3, 1922. Serial No. 2,067. Term of patent 7 years.



The ornamental design for an instrument bezel substantially as shown.

69,745. TEA CADDY. MARTHA HALLOWELL CONNOR, Baltimore, Md., assignor to Joseph Tetley & Company, New York, N. Y., a Corporation of New York. Filed Nov. 28, 1924. Serial No. 11,522. Term of patent 14 years.



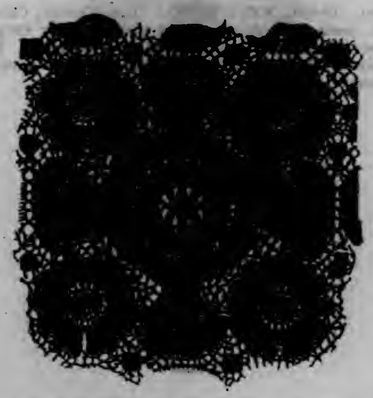
The ornamental design for a tea caddy as shown.

69,746. ARM FOR LIGHTING FIXTURE. FRANK S. CROWELL, Toledo, Ohio, assignor to The Edward N. Riddle Company, Toledo, Ohio, a Corporation of Ohio. Filed July 29, 1924. Serial No. 10,286. Term of patent 7 years.



The ornamental design for an arm for lighting fixture, as shown.

69,747. LACE. MARC H. DAUDY, Philadelphia, Pa., assignor to North American Lace Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 26, 1926. Serial No. 16,278. Term of patent 3½ years.



The ornamental design for lace, substantially as shown.

69,748. FLOOR-LAMP STAND. ISADOR DICHTER, Chicago, Ill. Filed Jan. 15, 1926. Serial No. 16,101. Term of patent 3½ years.



The ornamental design for a floor lamp stand, as shown.

69,749. FLOOR-LAMP STAND. ISADOR DICHTER, Chicago, Ill. Filed Jan. 15, 1926. Serial No. 16,102. Term of patent 3½ years.



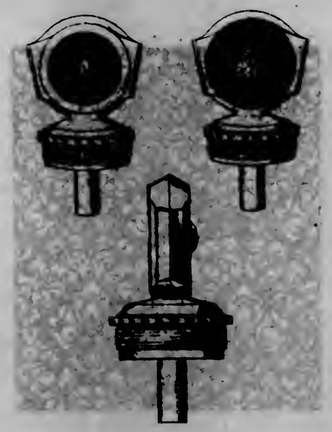
The ornamental design for a floor lamp stand, as shown.

69,750. FLOOR-LAMP STAND. ISADOR DICHTER, Chicago, Ill. Filed Jan. 15, 1926. Serial No. 16,103. Term of patent 3½ years.



The ornamental design for a floor lamp stand, as shown.

69,751. TEMPERATURE INDICATOR FOR AUTOMOBILES. CLAYTON A. DUNHAM, Glencoe, Ill., assignor to Dunhameter Corporation, Chicago, Ill. Filed Jan. 18, 1926. Serial No. 16,146. Term of patent 7 years.



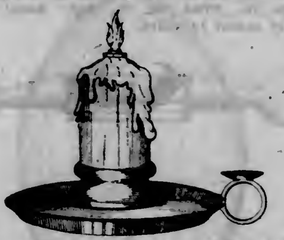
The ornamental design for a temperature indicator for automobiles, as shown.

69,752. DESK. RALPH C. ERSKINE, Stamford, Conn., assignor to Erskine-Danforth Corporation, a Corporation of New York. Filed Nov. 30, 1925. Serial No. 15,579. Term of patent 7 years.



The ornamental design for a desk as shown.

69,753. COMBINED BOTTLE AND HOLDER. JOSEPH A. FIELDS, New York, N. Y. Filed Nov. 30, 1923. Serial No. 7,926. Term of patent 14 years.



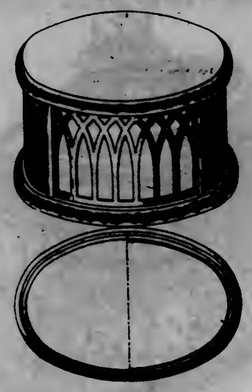
The ornamental design for a combined bottle and holder as shown.

69,754. COMBINATION DOLL AND PINCUSHION. RUTH GEORGE, Omaha, Nebr. Filed Oct. 22, 1924. Serial No. 11,145. Term of patent 3½ years.



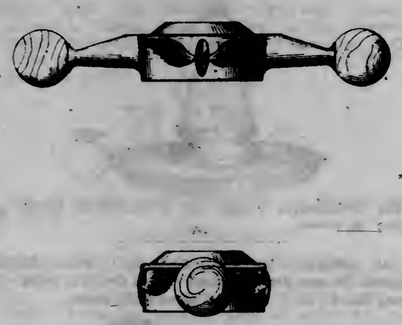
The ornamental design for a combination doll and pincushion as shown.

69,755. SOUND-AMPLIFYING CABINET. JESSE B. HAWLEY, St. Charles, Ill. Filed Oct. 5, 1925. Serial No. 15,027. Term of patent 7 years.



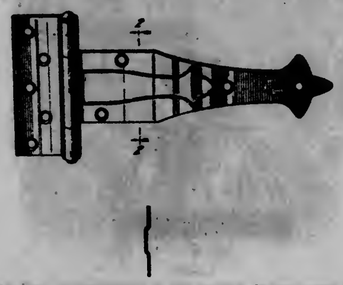
The ornamental design for a sound amplifying cabinet substantially as shown.

69,756. RADIATOR CAP. WILLIAM B. HAWTHORNE, Chicago, Ill. Filed Dec. 23, 1925. Serial No. 15,829. Term of patent 14 years.



The ornamental design for a radiator cap, as shown.

69,757. HINGE. JOHN B. HOWAT, Sharon, Pa. Filed Dec. 30, 1922. Serial No. 4,763. Term of patent 14 years.



The ornamental design for a hinge, as shown.

69,758. FEZ OR SIMILAR ARTICLE. CHARLES B. JENKINS, New Castle, Pa., assignor to The Howling Tom Cats of America, New Castle, Pa., a Corporation of Pennsylvania. Filed June 11, 1924. Serial No. 9,859. Term of patent 7 years.



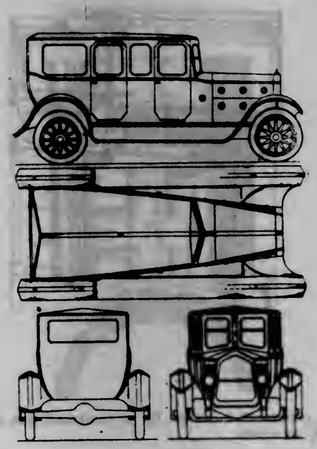
The ornamental design for a fez or similar article, as shown.

69,759. TEXTILE FABRIC. FRANK M. KAUFMAN, Philadelphia, Pa. Filed Jan. 28, 1926. Serial No. 16,313. Term of patent 3½ years.



The ornamental design for a textile fabric, as shown.

69,760. AUTOMOBILE BODY. WILLIAM A. KING, Memphis, Tenn. Filed May 8, 1926. Serial No. 879,961. Term of patent 14 years.



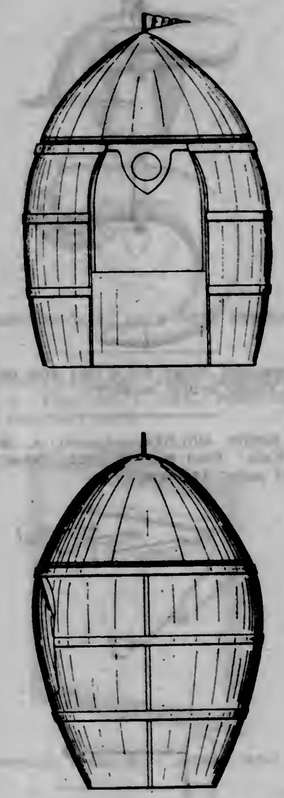
The ornamental design for an automobile body as shown and described.

69,761. COMBINED LAMP BASE AND ASH RECEIVER. MORRIS KOSHELUM, Brooklyn, N. Y. Filed Jan. 25, 1926. Serial No. 16,248. Term of patent 3½ years.



The ornamental design for a combined lamp base and ash receiver, as shown.

69,762. VENDING KIOSK. JULIAN BRONISLAW KUROWSKI, London, England. Filed Dec. 18, 1925. Serial No. 15,779. Term of patent 14 years.



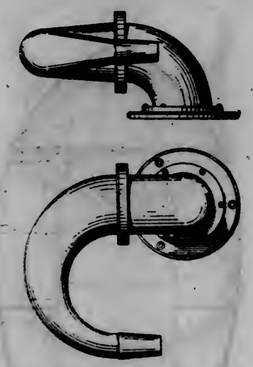
The ornamental design for a vending kiosk as shown.

69,763. BADGE. CHARLES G. LENNOX, Rochester, N. Y., assignor to Warren-Kahse, Incorporated, Rochester, N. Y., a Corporation of New York. Filed Oct. 14, 1924. Serial No. 11,078. Term of patent 3½ years.



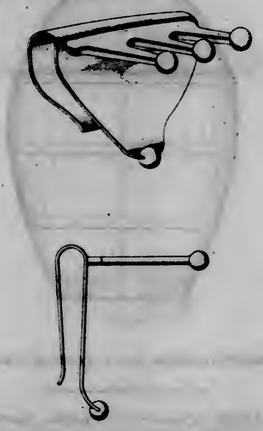
The ornamental design for a badge.

69,764. TONE ARM FOR A GRAMOPHONE OR SIMILAR ARTICLE. CHARLES MARÉ DE CHERMAL DE LA BOURDONNAIS, Loventor Manor, near Totnes, England. Filed Dec. 26, 1924. Serial No. 11,804. Term of patent 14 years.



The ornmental design for a tone arm for a gramophone or similar article, as shown.

69,765. SPOON HOLDER. ADOLPH A. MISSOW, Tacoma, Wash. Filed Mar. 25, 1922. Serial No. 1,897. Term of patent 14 years.



The ornamental design for a spoon holder as shown.

69,766. BOTTLE OR SIMILAR ARTICLE. GRAEFF MILLER, Ridgewood, N. J. Filed Dec. 11, 1925. Serial No. 15,711. Term of patent 14 years.



The ornamental design for a bottle or similar article, substantially as shown and described.

69,767. COMBINED GAS STOVE AND CABINET. MORTIMER L. PACKER, Columbus, Ohio. Filed May 21, 1924. Serial No. 9,671. Term of patent 14 years.



The ornamental design for a combined gas stove and cabinet, as shown.

69,768. LACE. SAMUEL H. PAGE, Stratford, Conn., assignor to The American Fabrics Company, Bridgeport, Conn., a Corporation of Connecticut. Filed Nov. 25, 1925. Serial No. 15,545. Term of patent 3½ years.



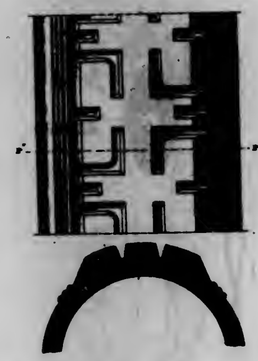
The ornamental design for lace substantially as shown.

69,769. RING FOR LIGHTING FIXTURES. ROSCOE C. PFLEAGER, Cleveland, Ohio, assignor to Benjamin F. Klein, Cleveland, Ohio. Filed Dec. 2, 1925. Serial No. 15,602. Term of patent 3½ years.



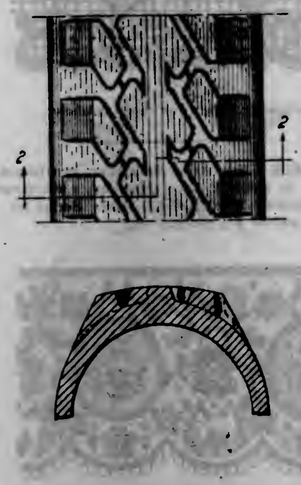
The ornamental design for a ring for lighting fixtures, substantially as shown.

69,770. TIRE TREAD. HAROLD D. REICHARD, Akron, Ohio, assignor to The Akron Standard Mold Company, Akron, Ohio, a Corporation of Ohio. Filed Sept. 2, 1922. Serial No. 2,820. Term of patent 3½ years.



The ornamental design for a tire tread, as shown.

69,771. RESILIENT TIRE. HAROLD D. REICHARD, Akron, Ohio, assignor to The Akron Standard Mold Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 28, 1924. Serial No. 11,564. Term of patent 3½ years.



The ornamental design for a resilient tire, as shown.

69,772. BOTTLE. CHARLES C. RITZ, New York, N. Y. Filed Jan. 16, 1926. Serial No. 16,148. Term of patent 14 years.



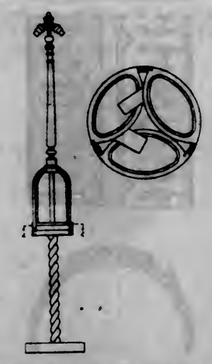
The ornamental design for a bottle substantially as shown.

69,773. PICTURE FRAME. AARON ROSENBLUM, Union Hill, N. J. Filed Dec. 2, 1924. Serial No. 11,577. Term of patent 3½ years.



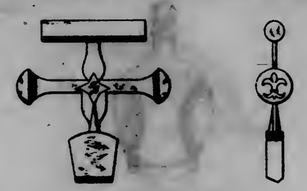
The ornamental design for a picture frame as shown.

69,774. COMBINED LAMP, TELEPHONE, AND SMOKING STAND. GIACINTO ROSSI, Philadelphia, Pa. Filed Dec. 16, 1925. Serial No. 15,773. Term of patent 14 years.



The ornamental design for a combined lamp, telephone, and smoking stand, as shown.

69,775. SURGICAL INSTRUMENT. LEON SCHAEFER, Sulphur, Okla. Filed Nov. 2, 1925. Serial No. 15,237. Term of patent 14 years.



The ornamental design for a surgical instrument, as shown.

69,776. TIRE. HENRY F. SCHIPPEL, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Dec. 26, 1925. Serial No. 15,872. Term of patent 14 years.



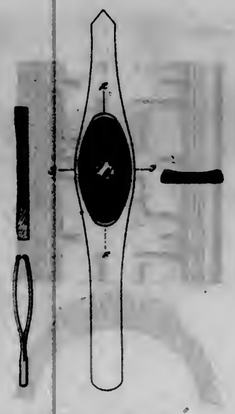
The ornamental design for a tire as shown.

69,777. TIRE. HENRY F. SCHIPPEL, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Dec. 31, 1925. Serial No. 15,914. Term of patent 14 years.



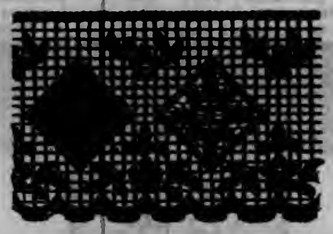
The ornamental design for a tire as shown.

69,778. TWEEZERS OR SIMILAR ARTICLE. MAX SCHNEFEL, Newark, N. J., assignor to Schnefel Brothers, a Firm composed of Max Schnefel, and Carl Schnefel, Newark, N. J. Filed Sept. 19, 1925. Serial No. 14,824. Term of patent 7 years.



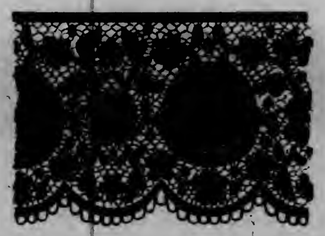
The ornamental design for a tweezers or similar article, as shown.

69,779. LACE. BERTHA C. SELIGMAN, Providence, R. I., assignor to Seekonk Lace Company, a Corporation of Rhode Island. Filed Jan. 27, 1926. Serial No. 16,287. Term of patent 3½ years.



The ornamental design for lace, as shown.

69,780. LACE. BERTHA C. SELIGMAN, Providence, R. I., assignor to Seekonk Lace Company, a Corporation of Rhode Island. Filed Jan. 27, 1926. Serial No. 16,288. Term of patent 3½ years.



The ornamental design for lace, as shown.

69,781. RING. FREDERICK A. SHIMP, Philadelphia, Pa., assignor to Skillcrafters Incorporated, Philadelphia, Pa., a Corporation of Delaware. Filed July 19, 1923. Serial No. 6,808. Term of patent 3½ years.



The ornamental design for a ring, as shown.

69,782. PIN. WILLIAM D. M. SIMMONS, Brooklyn, N. Y. assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Feb. 19, 1925. Serial No. 12,428. Term of patent 14 years.



The ornamental design for a pin, as shown.

69,783. VANITY CASE. DENNIS SWEENEY, Farmingdale, N. Y., assignor of one-third to Michael Dunn and one-third to John Dunn, both of Brooklyn, N. Y. Filed Oct. 20, 1925. Serial No. 15,184. Term of patent 7 years.



The ornamental design for a vanity case, as shown.

69,784. GOBLET OR SIMILAR ARTICLE. JULES H. VENON, New York, N. Y. Filed Feb. 18, 1925. Serial No. 12,411. Term of patent 7 years.



The ornamental design for a goblet or similar article, as shown and described.

69,785. GOBLET OR SIMILAR ARTICLE. JULES H. VENON, New York, N. Y. Filed Feb. 18, 1925. Serial No. 12,412. Term of patent 7 years.



The ornamental design for a goblet or similar article, as shown and described.

69,786. GOBLET OR SIMILAR ARTICLE. JULIUS H. VERNON, New York, N. Y. Filed Feb. 18, 1925. Serial No. 12,413. Term of patent 7 years.





The ornamental design for a goblet or similar article, as shown and described.

69,787. SEWING-ARTICLE-SUPPORTING DOLL. INA H. E. VOGLE, San Francisco, Calif. Filed Dec. 29, 1925. Serial No. 15,894. Term of patent 7 years.



The ornamental design for a sewing article supporting doll, as shown.

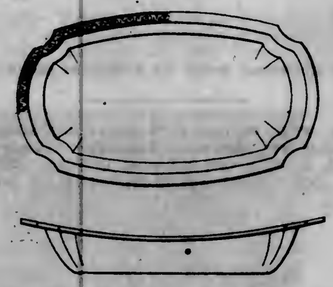
69,788. TOY BARN. JAMES WHITELEY, North Tonawanda, N. Y. Filed Nov. 27, 1925. Serial No. 15,567. Term of patent 14 years.





The ornamental design for a toy barn, as shown.

69,789. DISH OR SIMILAR ARTICLE. SAMUEL G. WILKES, Wallingford, Conn., assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn., a Corporation. Filed Nov. 4, 1925. Serial No. 15,337. Term of patent 14 years.



The ornamental design for a dish or similar article, as shown.

69,790. BOTTLE. JACQUES WORTH, Paris, France. Filed Oct. 8, 1925. Serial No. 15,016. Term of patent 7 years.



The ornamental design for a bottle as shown.

PATENTS

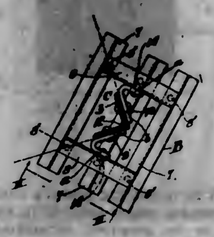
GRANTED MARCH 23, 1926.

1,577,485. FLYTRAP FOR STOCK. SELMON ABBOTT, Taylorville, Ill. Filed Feb. 29, 1924. Serial No. 695,958. 1 Claim. (Cl. 119—156.)



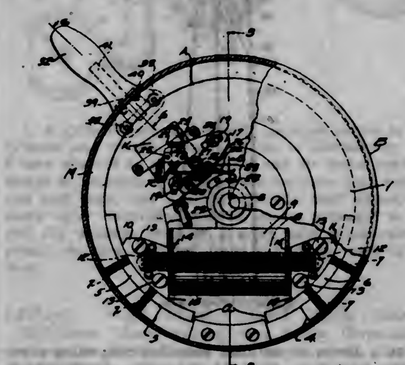
In a trap structure, a frame, door panels hingedly mounted upon the frame, pins mounted upon the frame, a platform slidably mounted upon the pins, springs interposed between the platform and the frame, a shaft journalled upon the frame and provided at its ends with crank arms and having an intermediate crank arm engageable with the intermediate portion of the platform, rollers carried by the platform and adapted to travel along the first mentioned crank arms, pulleys journalled at the upper portion of the frame, and cables connected at one end to the free ends of the crank arms and trained over the pulleys, and connected at their other ends with the door panels at intermediate points thereof.

1,577,486. GRILLAGE CONNECTION FOR TOWERS. DAVID TASKER ALEXANDER, Sandwich, Ontario, Canada. Filed Oct. 14, 1925. Serial No. 62,893. 2 Claims. (Cl. 189—21.)



1. The combination with a grillage for transmission towers and the like including a pair of parallel spaced beams to which the stub angles or legs of the structure are attached, of an M-shaped support for said stub angles or legs, said support having its side flanges secured to said beams, and the center V-shaped portion forming a receiving pocket for receiving both flanges of the angle stub or leg of the structure and means for securing both flanges of said angle stub or leg to the side walls of said pocket.

1,577,487. MAGNETO. FREDERICK W. ANDREW, Glen Head, N. Y., assignor to Eisemann Magneto Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Oct. 11, 1923. Serial No. 667,950. 2 Claims. (Cl. 171—209.)



1. In a magneto, a ring-shaped permanent magnet having its polar ends separated, arc-shaped pole pieces mounted in contact with the polar ends of said magnet, said pole pieces being arranged to extend toward each other beyond the polar ends of said magnet, a magnetic core provided at its ends with a pair of magnetic pole shoes having substantially straight inner sides and curved polar faces, the polar faces of said pole shoes and the pole pieces of said magnet being shaped and arranged to rotate in close proximity relatively to each other, the distance between the inner sides of said pole shoes being substantially spanned by either pole piece of the magnet, the polar faces of said pole shoes having each a length substantially equal to the air gap between said pole pieces, and a coil mounted on said core between the inner sides of said pole shoes.

1,577,488. STEAM GENERATOR. VITTORIO ANDRIOLI, Foggia, Italy. Filed Mar. 31, 1924. Serial No. 703,110. 2 Claims. (Cl. 122—59.)



1. In a horizontal fire boiler having a fire box at one end thereof, a smoke box at the other end and boiler tubes adjacent the fire box, the combination of two vertical longitudinal partitions in the boiler dividing the interior of the boiler into three juxtaposed longitudinal compartments means for supplying feed water to the lateral compartments within the boiler, means providing intercommunication between the several compartments whereby highly heated boiler water in the central com-

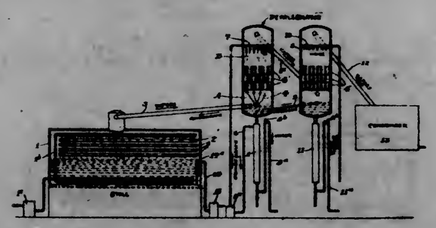
partment flows longitudinally of the boiler into the lateral compartments to mix with and entrain the feed water therein, and means for directing the water in the lateral compartments longitudinally of the boiler into the boiler tubes.

1,577,439. POST PULLER. HENRY ARMBRUSTER, Woodburn, Ind. Filed Jan. 11, 1924. Serial No. 685,598. 2 Claims. (Cl. 254—139.)



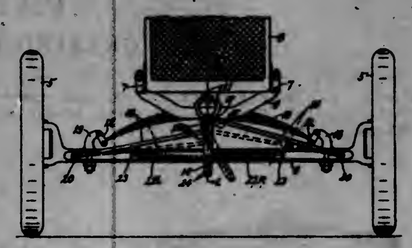
1. In a device of the class described comprising a vertical standard, fastening means thereon, comprising brackets, spaced shafts mounted in said brackets and carrying sprocket wheels, an endless chain mounted on said sprocket wheels, means for actuating the same, a flexible member adapted to encircle a post, hooks formed on certain of the links of said endless chain, and a detachable unit having hooks formed on the lower end thereof for engagement with said flexible member, and hooks being provided on the upper end of said unit for engagement with said hooks on said endless chain, substantially as described.

1,577,440. PROCESS FOR SEPARATING HYDROCARBONS. WILLARD C. AVERILL, Jr., Houston, Tex. Original application filed Oct. 7, 1922, Serial No. 593,084. Divided and this application filed Dec. 10, 1923. Serial No. 679,646. 5 Claims. (Cl. 196—94.)



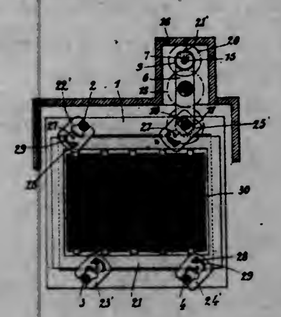
1. The method of obtaining light hydrocarbons from hydrocarbon oils containing water, which comprises vaporising the oil to be treated, partially condensing the hydrocarbon vapors and simultaneously condensing the water vapors, subjecting the remaining vapors thereof to previously condensed hydrocarbons of higher boiling point obtained from said vapors, which latter are supplied by removing the water collected from the condensed vapors, and continuously circulating through said vapors the hydrocarbons thus obtained.

1,577,441. STABILIZER FOR MOTOR VEHICLES. PHOEBE BAKKEN, St. Paul, Minn. Filed Mar. 10, 1924. Serial No. 698,003. 4 Claims. (Cl. 267—16.)



1. In a vehicle stabilizer of the class described the combination with a vehicle body supported in spaced relation to its running gear by springs, of a lever mounted pivotally and in fixed relation to a spring and oscillable in a plane parallel with the movement of the body spring, two radius rods extending in opposite directions from said lever and pivotally connected to said lever one at each side of fulcrum and their outer ends pivotally secured each to a fixed part of the running gear and means causing the said lever to be continuously impelled to a position coinciding with the direction in which the body springs are movable.

1,577,442. METHOD AND APPARATUS FOR MAKING PHOTOMECHANICAL PRINTING PLATES. LAURENT BASSANI, Corbeil, France, assignor, by mesne assignments, to Bassani Processes, Inc., New York, N. Y., a Corporation of New York. Filed Dec. 11, 1922. Serial No. 606,078. 7 Claims. (Cl. 95—5.)

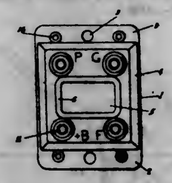


1. A method for preparing printing surfaces for phototypographic printing which consists in reproducing upon the surfaces to be prepared reticulated photographic plates obtained by the displacement of the screen in its plane during the exposure.

1,577,443. RADIO RESISTOR COUPLER UNIT. LEON S. BRACH, East Orange, N. J., assignor to L. S. Brach Manufacturing Co., Newark, N. J. Filed July 21, 1925. Serial No. 45,029. 8 Claims. (Cl. 250—16.)

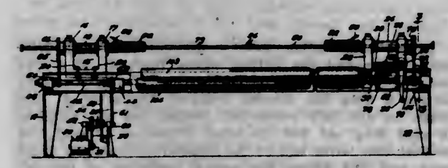
1. A radio resistor coupler unit comprising, a casing having a window therein and adapted to receive a designation card, a pair of resistance units mounted within

the casing and serving to hold the designation card in place in the window, terminal posts for each end of the resistance units extending through to the front of the



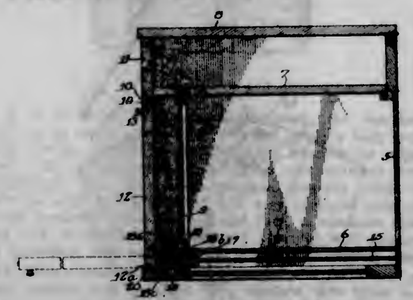
casing, a condenser within the casing and electrically bridging the ends of both resistance units and a cover plate for the bottom of the casing.

1,577,444. RUG AND CARPET WINDING MACHINE. OLIVER WILSON BRANTLEY, Jackson Heights, and WARNER MOREL BRANTLEY, Elmhurst, N. Y. Filed June 4, 1924. Serial No. 717,673. 11 Claims. (Cl. 242—55.)



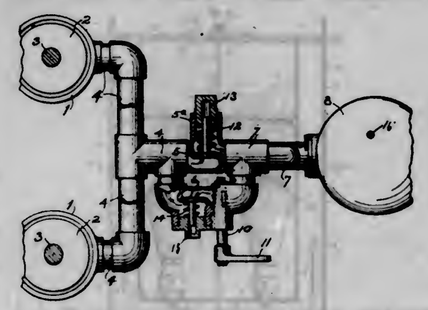
1. In a winding machine, a frame, winding spindles rotatably mounted on said frame and arranged in axial alignment with one another, an arbor removably supported by said spindles, and means for securing to said spindles the edges of the rug or carpet to be wound around said arbor.

1,577,445. TALKING-MACHINE CABINET. CHARLES BREMKEN, Chicago, Ill., assignor to Cheney Talking Machine Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 1, 1919. Serial No. 279,951. 1 Claim. (Cl. 45—52.)



As a new cabinet manufacture, a door-receiving compartment separate from the body of the cabinet, said compartment having inclosing members two parallel ones of which are channeled on opposed surfaces, a follower, means for slidingly controlling its movement by said channels without binding therein, a door hinged to the follower and adapted to swing to the same plane with the follower and to slide with it in and out of the door-receiving compartment and held from binding and sagging by said follower-control means.

1,577,446. CUSHION FOR DIE-PRESS DRAW RINGS. STEWART BROWN, Chicago, Ill. Filed Dec. 19, 1924. Serial No. 757,076. 9 Claims. (Cl. 138—16.)



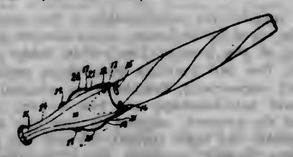
1. A cylinder, a longitudinally movable piston in said cylinder and a stem to said piston, in combination with a tank adapted to contain liquid and air under pressure, means to establish communication between said cylinder and said tank, and a check valve in said means, said check valve comprising yielding means arranged to control the pressure required to open said check valve to permit the flow of liquid from said check valve to said tank.

1,577,447. FUSE PLUG. HARRY ERICH VOLKMAR BRÜCKNER, Charlottenburg, near Berlin, Germany, assignor to Firm Parnox Aktiengesellschaft, Lucerne, Switzerland. Filed Apr. 18, 1923. Serial No. 631,753. 4 Claims. (Cl. 200—125.)



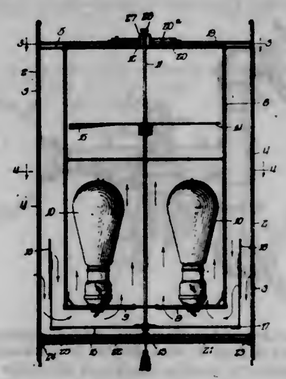
1. A fuse plug comprising a foot part having two contacts for engaging the connection-contacts of the lines one of which forming an Edison screw, and a freely removable fuse carrier containing a plurality of fuse wires with a common central fuse wire contact arranged on a centrally projecting journal of said fuse carrier and fitting into a corresponding contact bore of the foot part, metal pins forming the second and separate contacts of one of said fuse plug parts, the corresponding second contacts of the other part consisting of sockets, said metal pins engaging said sockets when the fuse plug is in use.

1,577,448. CIGAR HOLDER. JAMES R. CARDWELL, Chicago, Ill. Filed May 23, 1923. Serial No. 640,904. 6 Claims. (Cl. 131—10.)



1. In a cigar holder, a body portion having a socket to receive a cigar and means on the body portion to grip the cigar and urge it into the socket.

1,577,449. DISPLAY LANTERN. TAK H. CHAN, Chicago, Ill. Filed July 24, 1924. Serial No. 728,650. 16 Claims. (Cl. 40—40.)

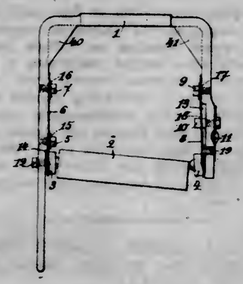


1. In a device of the class described, the combination with a stationary tubular casing, of a rotatably mounted impeller positioned crosswise of the casing within the length of the same at a point where it will occupy substantially all of the passage therethrough, objects connected with the impeller and adapted to travel around the outside of said casing, and means for producing an upward draft of air within the casing.

1,577,450. COATED FIBROUS ARTICLE AND COATING COMPOSITION THEREFOR. CHARLES H. CROWELL, Brooklyn, N. Y. Filed June 11, 1923. Serial No. 644,804. 14 Claims. (Cl. 134—16.)

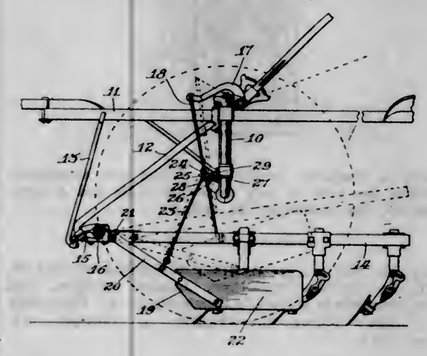
12. The coated fibrous article having a water-repellent silicate coating with which finely divided bentonite clay has been mixed to minimise chipping or cracking.

1,577,451. SUPPORT FOR BOBBIN HOLDERS. ALFRED DELBEUS, Roubaix, France, assignor to Société des Etablissements Ryo-Catteau, Roubaix, France. Filed Oct. 14, 1924. Serial No. 743,604. 4 Claims. (Cl. 242—130.)



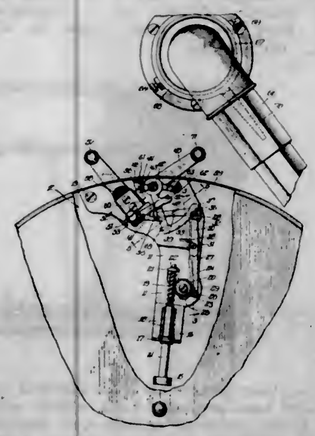
1. In a support for bobbin-holders, the combination of an axially bored bobbin-holder, a ball adapted to engage the opening of the bore of the bobbin holder at each of its ends, two ball bearings adapted to receive each the said ball respectively, flexible strips adapted to support the said ball bearings, and two locking members mounted on the support, adapted to stop the said ball bearings against the axial thrusts towards the exterior, one of these locking members being movable transversely so as to allow one of the said ball bearings to move away from the bobbin holder when the latter is to be removed from the support.

1,577,452. FENDER FOR CULTIVATORS. SAMUEL K. DENNIS, Chicago, Ill., assignor to International Harvester Company, Chicago, Ill., a Corporation of New Jersey. Filed Oct. 25, 1922. Serial No. 596,743. 3 Claims. (Cl. 97—188.)



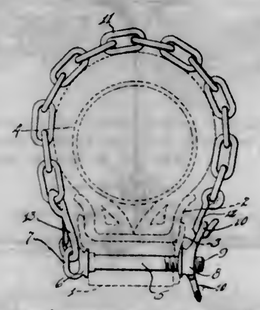
2. The combination with a pivotally mounted cultivator beam and the lifting means therefor, of a link connecting said beam to the lifting means, a fender having a drag bar pivoted adjacent the pivot of said beam, an auxiliary connection having one end attached to said drag bar and its other connected to said link so that this latter end of the auxiliary connection slides upon said link during the normal operation of the cultivator, and means for adjusting the latter end connection longitudinally of the link.

1,577,453. NONSET STOP. FRED H. DOBER, Grand Rapids, Mich., assignor to Cheney Talking Machine Company, Chicago, Ill., a Corporation of Illinois. Filed June 8, 1923. Serial No. 644,111. 9 Claims. (Cl. 192—118.)



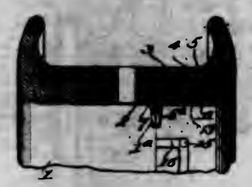
1. In combination with a rotating disk and a traversing member, means driven by contact with a lateral face of said disk and controlled by the movement of the traversing member adapted to release a brake for the disk upon cessation of movement by the traversing member.

1,577,454. ANTISKID CHAIN FOR MOTOR VEHICLES. CLIFFORD G. DRESCHER and CHESTER B. OSBISON, Villa Grove, Ill. Filed June 1, 1925. Serial No. 34,119. 1 Claim. (Cl. 152—14.)



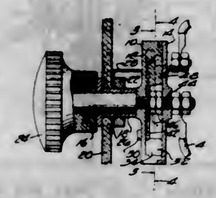
An anti-skid chain for motor vehicles comprising a bolt having an eye member at the head thereof and arranged for projection transversely through the felly of a motor vehicle wheel, a nut for securing the bolt upon the vehicle wheel, said nut having a pair of diametrically opposed and radially extending eye members, a chain arranged for disposition over the tread of a vehicle tire carried by the wheel, and means at either end of the chain for engaging with the eye at the head of the bolt and one of the eyes on the nut, respectively.

1,577,455. DEMOUNTABLE RIM. WASHINGTON L. DULANY, Woodstock, N. Y. Filed Nov. 2, 1925. Serial No. 66,336. 2 Claims. (Cl. 301—35.)



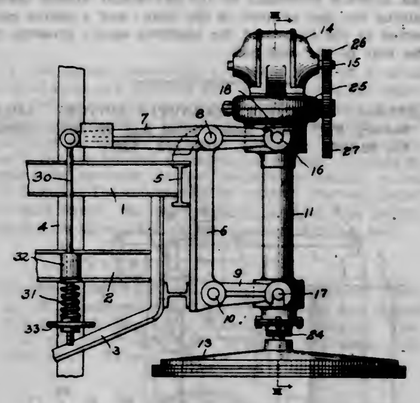
2. In a device of the class described, the combination of an auxiliary section provided with a body portion having outwardly-extending lugs between its edges and with a substantially L-shaped slot between two contiguous lugs, said body portion provided with an annular edge flange, each of said lugs provided with an inner inwardly extending inclined face, a rotatable locking ring on said body portion and provided with inwardly extending lugs and with an inwardly extending stem, said stem positioned in said L-shaped slot, said lugs of said locking ring provided with straight side faces and with inclined side faces, said inclined side faces adapted to fit against the similar faces of said lugs on said body of the auxiliary section, a primary section on said auxiliary section and said locking ring, said primary section provided with an annular groove in its edge, said annular edge flange of said auxiliary section fitting into said groove, said primary section provided with an annular edge flange fitting into said auxiliary section, and said primary section provided with inwardly extending lugs fitting against the straight side faces of said lugs on the locking ring.

1,577,456. ADJUSTABLE ELECTRICAL RESISTANCE APPARATUS. FRANK M. ENDE, New York, and PERCY A. E. ARMSTRONG, Loudonville, N. Y. Filed Apr. 28, 1924. Serial No. 708,324. 5 Claims. (Cl. 201—48.)



1. A variable electrical resistance device comprising a substantially cylindrical casing of insulating material, a contract pool of mercury therein, a resistor movable progressively with respect to the mercury upon the casing being angularly moved and a baffle plate in the casing.

1,577,457. DRIVE-GEAR MECHANISM FOR SURFACING MACHINES. ALBERT E. EVANS, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Original application filed May 3, 1923, Serial No. 636,327. Divided and this application filed Oct. 7, 1924. Serial No. 742,185. 9 Claims. (Cl. 74—7.)

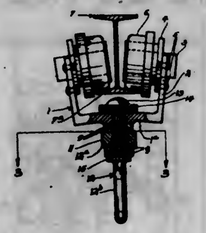


1. A drive mechanism comprising an annular housing having a vertically depending sleeve portion pivotally mounted at substantially its center of gravity, a work spindle journaled in said sleeve, a drive shaft journaled in said annular housing portion, a pair of gear wheels connecting said shaft and spindle and a motor geared to said drive shaft.

1,577,458. CHAIN TROLLEY. FRANK M. FISH, Crafton, Pa. Filed June 29, 1925. Serial No. 40,898. 9 Claims. (Cl. 105—154.)

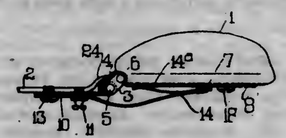
3. In a trolley, a carriage, anti-friction members carried by the carriage and disposed to travel upon a sup-

porting rail, a chain having overlapping links, and a load receiving member including a shank connected directly to the carriage, said shank passing through the



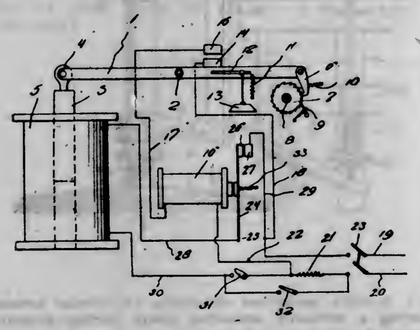
overlapping portions of the links and being provided with an abutment element supporting the lower one of the links.

1,577,459. SURGICAL TRUSS. GEORGE FOWLER, Liverpool, England. Filed Aug. 3, 1925. Serial No. 47,813. 7 Claims. (Cl. 128—122.)



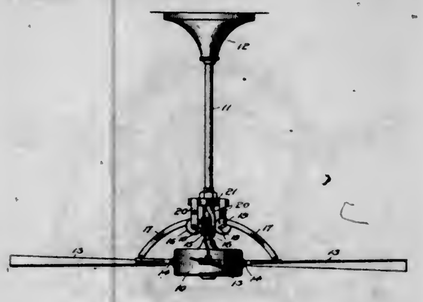
1. A surgical truss, comprising a body-band; a hernia pad; a double-jointed hinge by which said pad is hinged to the body-band in such manner as to permit inward and outward movement of the pad whilst always maintaining the pad parallel to the body: and a spring connected to the body-band for applying spring pressure to the rear of the said pad.

1,577,460. ELECTRIC MAGNETIC MOTOR. ABILIO FRANCA, Fall River, Mass. Filed Aug. 26, 1925. Serial No. 52,597. 3 Claims. (Cl. 172—126.)



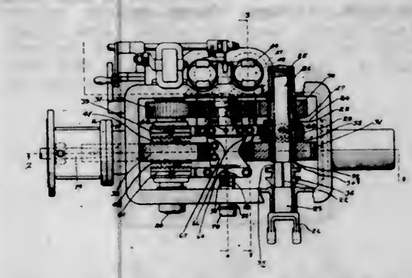
1. An electromagnetic motor comprising an oscillating member, an electromagnet for operating said oscillating member, a contact mechanism operated by said oscillating member, a solenoid having electrical connection with said contact mechanism for control and periodic energisation through operation of said contact mechanism by the oscillation of said member, and a contact mechanism operated and controlled by said solenoid for controlling circuits with said electro-magnet for periodically energising said magnet alternately with the energisation of said solenoid, whereby said member may be continuously operated.

1,577,461. CEILING FAN. MAURICE M. GLASSER, Charleston, S. C. Filed Oct. 7, 1922. Serial No. 593,081. 7 Claims. (Cl. 230—1.)



1. In a ceiling fan, the combination of a motor and its rotor, a series of hinged blades carried by said rotor, a shaft supporting said motor and blades, and means carried by the shaft and connected to said blades for swinging said hinged blades transversely of the plane in which they revolve, said means, with the exception of the connections with the blades, being fixed longitudinally of the shaft.

1,577,462. POWER-TRANSMISSION DEVICE. WILLIAM T. HANNA, Cincinnati, Ohio. Original application filed July 6, 1921, Serial No. 482,790. Divided and this application filed May 20, 1924. Serial No. 714,697. 12 Claims. (Cl. 74—54.)

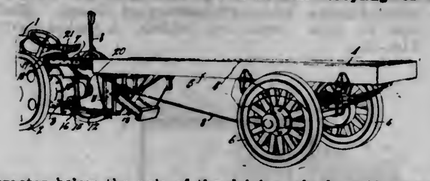


1. In a power transmission mechanism the combination of a reciprocating rack, parallel shafts disposed transversely of the line of reciprocation of the rack, a sleeve mounted on each of the parallel shafts, a gear revolubly mounted upon each of the sleeves and engaging the rack, gears fixedly mounted on each of the sleeves and being adapted to transmit motion one to the other, means adapted to transmit motion from one of the first mentioned gears to its supporting sleeve upon the forward movement of the rack and to transmit motion from the other of the first mentioned gears to its respective sleeve upon the return movement of the rack.

1,577,463. TRACTOR TRAILER. OTTO H. HESSE, Leavenworth, Kans. Filed June 12, 1923. Serial No. 644,947. 3 Claims. (Cl. 280—33.1.)

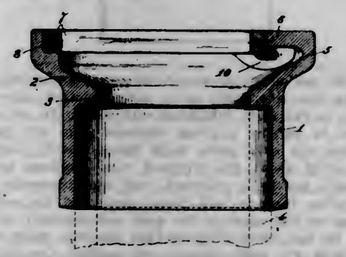
1. A trailer comprising a frame, a pair of wheels on which said frame is mounted, a forked tongue projected horizontally from one end of said frame, a standard

depending from said frame, a draw bar connection to said standard below the level of the tongue and adapted for connection with the draw bar coupling of a



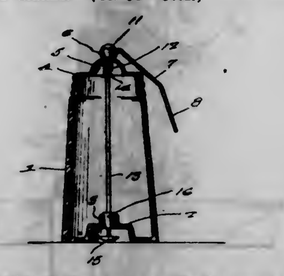
tractor below the axis of the driving wheels, said tongue being of greater length than said draw bar, said tongue including leaf springs at the fork.

1,577,464. VENT GUARD. JOSEPH A. HIGH, Washington, D. C. Filed June 13, 1922. Serial No. 568,064. 2 Claims. (Cl. 182—81.)



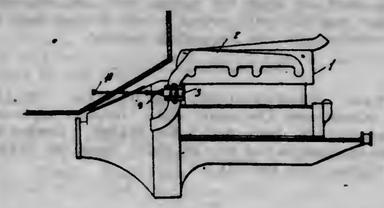
1. A plug or guard comprising a tubular body having a relatively short bell at its upper end, the throat or restricted portion of the bell being of a transverse area equal to that of the bore of a stack on which the tubular portion is adapted to be mounted, the bell being of less length than the remainder of the tubular body and being formed with a grid-receiving seat, and a fillet disposed above the plane of the seat for receiving a locking lug projecting laterally from a grid.

1,577,465. MUCILAGE BOTTLE. THOMAS S. HOUGH, Winona, Minn. Filed June 19, 1925. Serial No. 38,296. 2 Claims. (Cl. 91—67.4.)



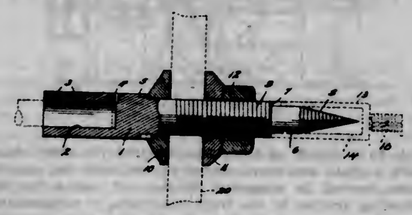
1. In a device of the class described, a bottle provided in its bottom with a depression at the center of which is a neck, the upper end of said bottle being screw threaded, a screw cap threaded onto said upper end, said cap being provided with outwardly pressed portion having a discharge mouth, a valve fitting into said mouth, an operating rod connected to said valve and extending downwardly through said neck, an enlargement carried by said rod and fitting normally into said neck, a finger piece on the lower end of said rod located in said depression, and a spring cooperative with a shoulder on said rod for maintaining said valve closed.

1,577,466. COMPRESSION BRAKE. GRATTON B. HYER, Pierce, W. Va. Filed Sept. 16, 1924. Serial No. 738,059. 2 Claims. (Cl. 188—99.)



1. A compression brake mechanism comprising a frame to be interposed in the length of the exhaust of an internal combustion engine, a valve mounted in said frame and adapted to cut off the escape of the exhaust of the engine, and to operate the valve independently of the control of said engine.

1,577,467. TOOL HOLDER. FRANK G. JEFFRIES and FREDERICK A. LAVEDAN, College Point, N. Y. Filed Apr. 9, 1924. Serial No. 705,219. 1 Claim. (Cl. 51—168.)



A tool holder comprising a spindle made of a single piece of stock and provided with a bore at one end adapted to fit on the end of a rotary shaft, the said spindle being provided with a reduced threaded intermediate portion forming thereby a flange with the main portion, and a further reduced threaded end portion, the said intermediate threaded portion adapted to engage a nut for clamping the rotary tool in position thereon against the said flange, the said reduced threaded end portion adapted to detachably engage another rotating tool.

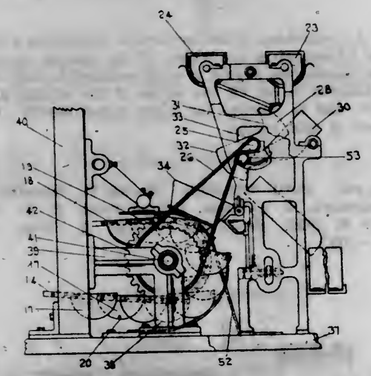
1,577,468. DISTRIBUTOR. WILLIAM KAISLING, Chicago, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 12, 1920. Serial No. 373,117. 8 Claims. (Cl. 200—31.)



1. A device of the character described including a stationary casing, a driving shaft extending into said casing, a governor member secured to said driving shaft, a cam supporting member rotatable with said drive shaft but movable angularly with respect thereto, a governor weight pivotally supported by said governor member, a second governor member secured to said cam supporting member and having a straight slot therein, and a pin

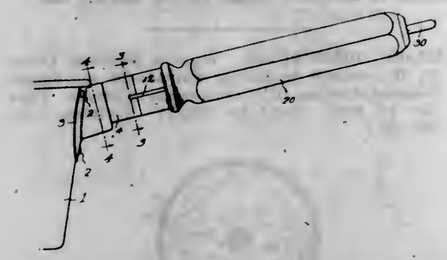
pivotally secured to said governor weight adapted to fit into said straight slot and slidable therein and rotatable in said governor weight when said governor rotates about its pivot for moving said cam supporting member angularly with respect to said driving shaft and for rotating said cam supporting member.

1,577,469. TRAY-LOADING MECHANISM. WILLIAM G. KIACHHOFF, Cincinnati, Ohio. Original application filed Apr. 26, 1923, Serial No. 634,897. Divided and this application filed May 20, 1924. Serial No. 714,693. 8 Claims. (Cl. 198—31.)



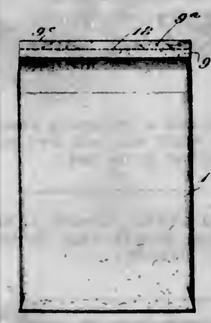
1. In a device of the class described the combination with a chain and trays carried by the chain on opposite sides thereof in staggered relation, of means for distributing articles to the trays comprising a reciprocating cup, for discharging alternately in trays on opposite sides of the chain, means for reciprocating the cup, and means for directing articles into the cup.

1,577,470. UTENSIL HANDLE. GEORGE H. KOEHLER, Cleveland, Ohio, assignor, by mesne assignments, to Landers, Frary & Clark, New Britain, Conn., a Corporation of Connecticut. Filed Mar. 26, 1921. Serial No. 455,728. 8 Claims. (Cl. 16—116.)



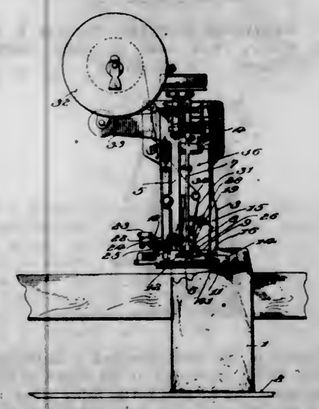
8. In a handle construction of the character set forth, the combination of a ferrule having a shank receiving portion, a grip member having a shank fitting within said portion of the ferrule, the grip member having a longitudinal bore, a bolt extending through said bore, an anchorage element within the ferrule and wherewith the bolt has a screw threaded connection, the ferrule having a shoulder engaged by said anchorage member and against which it is drawn by the action of the bolt, and a key secured to the anchorage element and interengaging portions of the ferrule and grip member to hold said parts against relative angular movement.

1,577,471. PROCESS OF CLOSING FILLED PAPER SACKS. FRANK A. KUCHEA and CHARLES F. RUBEL, Chicago, Ill., assignors to Union Special Machine Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 10, 1924. Serial No. 705,569. 2 Claims. (Cl. 112—11.)



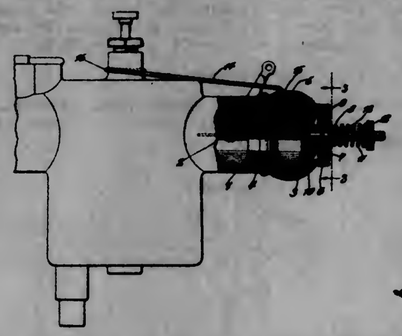
1. The method of closing filled paper sacks including bringing the side walls of a sack together above the content in the sack, trimming said side walls on a line parallel to and at a given distance from the support on which the sack rests while being closed, placing a fabric strip about the trimmed edge portions as said side walls are being trimmed, and simultaneously passing stitches through said fabric strip and the walls of the sack as the edges of the sack are trimmed and embraced by the fabric strip so that the side walls of the paper sack are held clamped one against the other by a line of stitches anchored in the fabric strip and the sack closed thereby.

1,577,472. MACHINE FOR CLOSING PAPER SACKS. FRANK A. KUCHEA and CHARLES F. RUBEL, Chicago, Ill., assignors to Union Special Machine Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 10, 1924. Serial No. 705,570. 6 Claims. (Cl. 112—11.)



1. A sewing machine for closing a filled sack comprising a support for the filled sack, a sewing head overhanging the support and including stitching mechanism having a horizontally reciprocating needle, and a trimming mechanism having a trimming blade operating in front of and above said needle to trim and even the side walls of the sack prior to the stitching of said side walls together for closing the sack.

1,577,473. AIR-INTAKE CONTROL FOR CARBURETORS. CHARLES LATTA, St. Louis, Mo. Filed July 28, 1924. Serial No. 728,624. 4 Claims. (Cl. 261—145.)



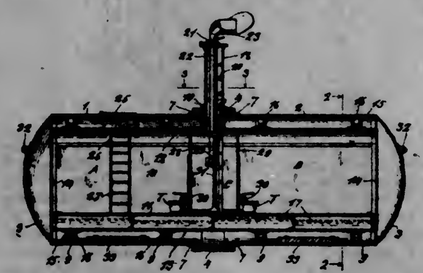
1. A device of the character described comprising a hollow member arranged to extend into the air intake of a carburetor and having an external enlargement arranged to bear against the end of the intake and having an air inlet through one side thereof intermediate of its ends and an air inlet to its outer end, a bearing within the outer end of said member beyond said inlet, a stem slidable in said bearing, a valve plate of larger area than said second air inlet attached to the inner end of said stem in said member outwardly from said first named air inlet for closing said second air inlet to said member adjacent to said bearing, and a spring controlling said valve.

1,577,474. INSIDE PIPE CUTTER. GEORGE F. LE BUS, Electra, Tex. Filed Feb. 17, 1925. Serial No. 9,805. 8 Claims. (Cl. 81—195.)



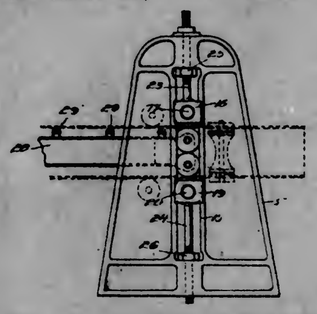
1. An inside pipe cutter comprising an elongated body having a head and having an axial stem, said head having a vertical recess in its outer wall extending from the end thereof from which said stem extends, a milling cutter pivotally supported at its inner end in said recess and swingable from position inwardly of the outer wall of the head to and from position to extend outward beyond the outer wall of the head, a presser ring slidable on said stem in contact with said milling cutter, a sleeve on said stem adjustably engaged with the stem, a coil spring disposed on the stem between said sleeve and said presser ring, means on said head frictionally engageable with the inner wall of a casing in which said body is received, and means for limiting the movements on said stem of said sleeve, said sleeve being adapted at its outer end for connection with a means for lowering said body in a tubular casing and for imparting a torque to said sleeve.

1,577,475. LIFE-SAVING DEVICE. FREDERICK W. LISKA, Englewood, Colo., assignor of one-third to Mary E. Nickels, Englewood, Colo. Filed June 9, 1925. Serial No. 35,889. 2 Claims. (Cl. 9—4.)



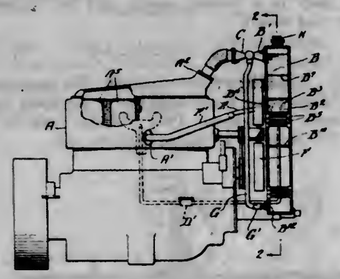
1. A life saving device comprising, in combination, an elongated cylindrical member formed of two sections each being closed at one end and open at the other end, the open ends being placed in juxtaposition, means for connecting the adjacent ends, said means being movable with respect to both sections, an elongated housing within said cylindrical member and means for permitting said housing to rotate with respect to the cylindrical member.

1,577,476. EQUALIZED ROLLER PRESS FOR PIPE MANUFACTURING. JOHN HAROLD MACGREGOR, Portland, Oreg. Filed June 12, 1925. Serial No. 36,764. 3 Claims. (Cl. 80—11.)



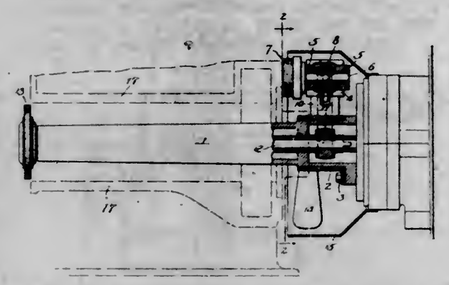
1. A roller press for pipe manufacturing including a pair of sides, a top platen between the sides, a bottom platen between the sides, a bracket depending from the top platen, press rolls journaled in the bracket, a ram slidable through the bottom platen, a bracket on the upper end of the ram, press rollers journaled in the bracket on the ram, a pair of journal boxes slidably mounted in each side, means for adjusting the journal boxes toward each other, a pair of shafts disposed transversely between the sides and mounted in the journal boxes, crimping rolls one on each shaft, said shafts being engageable with the adjacent press rolls so that said rolls are disposed one on each side of the respective crimping rollers, a pair of guide rolls having their axes extending rectangularly to the axes of the shafts, and means for mounting the guide rolls on the sides.

1,577,477. ENGINE-COOLING SYSTEM. HARRY C. MALLORY, New York, N. Y.; Sue B. Mallory administratrix of said Harry C. Mallory, deceased. Filed May 17, 1923, Serial No. 639,505. Renewed July 9, 1925. 2 Claims. (Cl. 123—174.)



1. In an internal combustion engine of the boiling and condensing type comprising a cooling jacket and a condenser having one portion located above the desired water level in the jacket and another portion including the condenser hotwell located below that level, the improvement which consists in a vapor connection, including a steam ejector provided with a suction chamber, between the upper portion of the jacket and the upper portion of the condenser, a conduit connecting said suction chamber to the condenser hotwell, and means for collecting liquid of condensation formed in the upper portion of the condenser and liquid discharged into the condenser by the ejector, and passing the liquid thus collected by gravity into said cooling space as required to maintain said level.

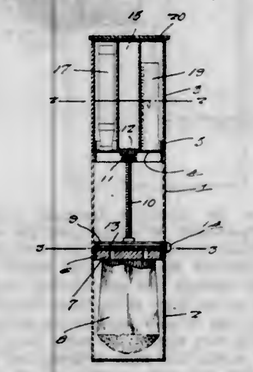
1,577,478. CYLINDER-GRINDING ATTACHMENT. LOUIS C. MARBURG, Montclair, N. J., assignor of one-half to Marburg Brothers, Inc., New York, N. Y., a Corporation of New York, and one-half to Mayer & Schmidt, Offenbach-on-the-Main, Germany, a Corporation of Germany. Filed Feb. 9, 1923. Serial No. 618,021. 5 Claims. (Cl. 51—3.)



1. In a grinding machine, a main grinding arm, a main grinding spindle being arranged rotatively within said arm, a main grinding wheel on said spindle and being adapted for internal cylindrical grinding, an auxiliary grinding device, consisting of an auxiliary arm, the latter being mounted on said main arm, an auxiliary grinding spindle being arranged rotatively within said auxiliary arm, an auxiliary grinding wheel adapted for face grinding, being mounted on said auxiliary spindle.

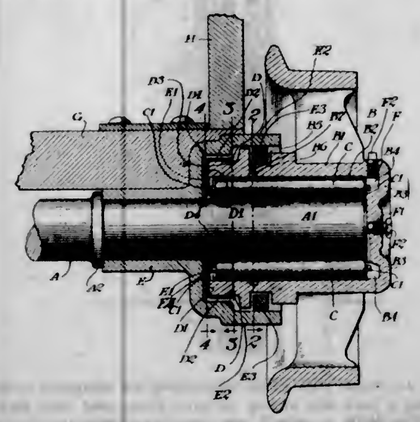
5. In a planetary type grinding machine, a main grinding arm being revolvable, a main grinding spindle being arranged rotatively within said arm, a main grinding wheel on said spindle and being adapted for internal cylindrical grinding, an auxiliary grinding device, consisting of an auxiliary arm, the latter being mounted on said main arm revolving with the latter, a slide being arranged on said arm, a bearing on said slide, an auxiliary spindle being placed rotatively in said bearing, an auxiliary wheel adapted for face grinding being mounted on said latter spindle, means for driving said latter spindle and wheel from said main grinding spindle, and means for balancing said revolving auxiliary device.

1,577,479. SHAVING SET. JOSEPH MCEVOY, Hamilton, Md. Filed Aug. 20, 1925. Serial No. 51,401. 2 Claims. (Cl. 132—80.)



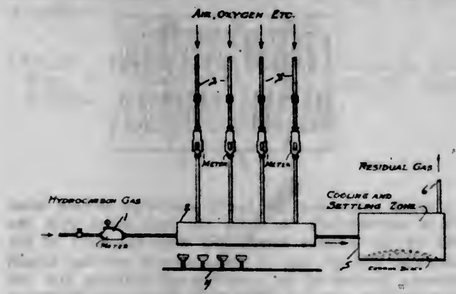
1. In a structure of the class described, a cylindrical body comprising a pair of separable sections, one of which is formulated to provide a special article holder, and the other one of which is adapted to serve as a paste container, a plunger operable in said last named section, said plunger embodying a stem adapted for projection into the first named section.

1,577,480. HUB AND JOURNAL BOX. WILLIAM O. MCKAMEY, Knoxville, Tenn. Filed July 27, 1923. Serial No. 654,246. 3 Claims. (Cl. 308—180.)



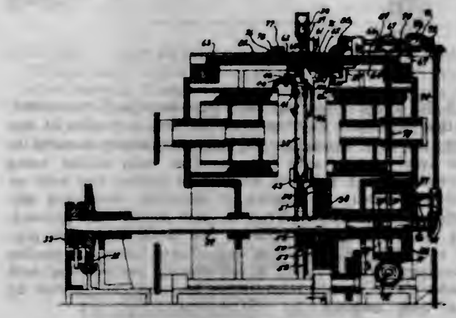
1. The combination of an axle, rollers surrounding the axle and having end extensions, a bearing surrounding the rollers and having an external circumferential channel, and a ring surrounding the axle and extending across the end of the bearing adjacent said channel and engaging in said channel and having a lip directed toward the rollers and extending between the axle and the end extensions on the rollers, substantially as described.

1,577,481. PROCESS OF MAKING CARBON BLACK. OTIS G. MESSENGER, Cranford, N. J., assignor to Standard Development Company, a Corporation of Delaware. Filed Oct. 18, 1923. Serial No. 669,817. 4 Claims. (Cl. 134—60.)



3. The process of making carbon black, which comprises reacting upon a hydrocarbon in gasiform condition with a successive series of small regulable portions of oxygen and recovering the residue of carbon black so formed.

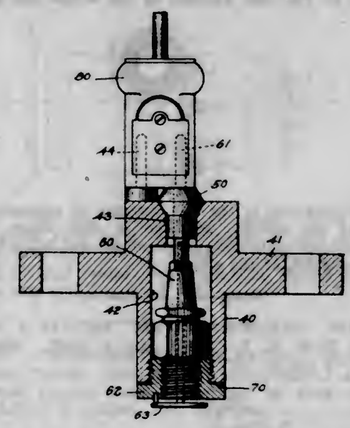
1,577,482. CORE-HANDLING APPARATUS. THOMAS MIDGLEY, Hampden, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Original application filed Apr. 7, 1921, Serial No. 459,330. Divided and this application filed Mar. 5, 1924. Serial No. 696,955. 10 Claims. (Cl. 214—44.)



1. In combination with a trackway, a carriage adapted to run on the trackway, a hook swiveled to the carriage and adapted to support an annular core, means to raise free of said hook a core carried thereby, means to grasp the hook, means to rotate the hook about its swiveled connection, and means to swing the rotated hook clear of the core.

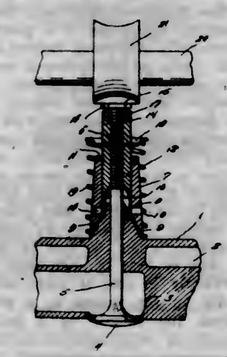
1,577,483. STARTING PLUG FOR INTERNAL-COMBUSTION ENGINES. FRANK B. MORRISON, Marion, Ohio, assignor to The Power Manufacturing Company, Marion, Ohio, a Corporation of Ohio. Filed July 3, 1925. Serial No. 41,343. 2 Claims. (Cl. 123—145.)

1. A firing device for an internal-combustion engine consisting, in combination with an engine cylinder with ported wall, of a stock of conducting material applicable to and removable from such cylinder and when applied closing the port in the cylinder wall, said stock being formed with an internal bore of larger diameter inwardly and of smaller diameter outwardly, a bushing of insulating material within the outer and smaller portion of said bore, a perforate block of insulating material provided with a collar of conducting material and by such collar removably united in screw-threaded engagement with the wall of the bore in said stock in the larger and inner portion thereof, a rod of conducting material extending through said bushing and through said block



of insulating material, and an ignition affording member arranged between and in electric continuity with said rod at its inner end and the said collar upon said block.

1,577,484. ENGINE-VALVE STRUCTURE. RICHARD W. MUNDER, Telkwa, British Columbia, Canada. Filed Apr. 11, 1925. Serial No. 22,358. 2 Claims. (Cl. 123—90.)

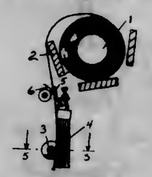


1. In a structure of the class described, a cylinder head, the latter having a valve seat formed thereon, a valve cooperative with said seat, said valve including a stem, and a portion of said stem being screw threaded and formed with a transverse bole, a guide socket carried by said head, a sleeve slidable in said socket, said sleeve being internally screw threaded and said valve stem being threaded into the sleeve, a washer surrounding said sleeve, a retaining pin passing through said sleeve and valve stem and cooperating with said washer to hold the same against movement in one direction, a coiled spring surrounding said socket and bearing at one end against said cylinder head and at its opposite end against said washer, and a tappet-head including a screw threaded shank tapped into the upper portion of said sleeve.

1,577,485. ABRASIVE APRON. JOHN M. NASH, Milwaukee, Wis. Filed June 19, 1925. Serial No. 38,283. 3 Claims. (Cl. 51—189.)

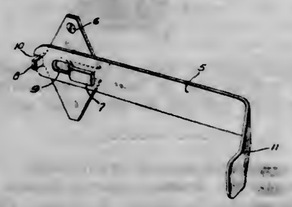
1. An abrasive apron for polishing machines slitted longitudinally to provide zones of longitudinally extend-

ing narrow strips substantially in lateral contact, each independently conformable to the surface contours of the work and each having the abrasive material extended wholly to the side margins of the strips and substan-



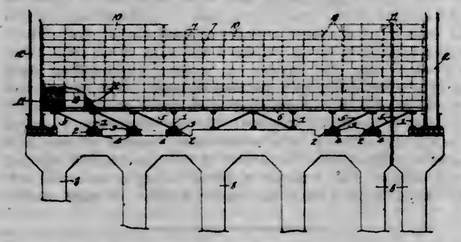
tially contiguous to the side margins of adjacent strips, whereby the abrasive material in such apron will be substantially continuous across all of said strips throughout the width of the apron.

1,577,486. CURTAIN DRAPER. ROXANNA A. NORTON, New York, N. Y. Filed Jan. 5, 1925. Serial No. 634. 1 Claim. (Cl. 156—33.)



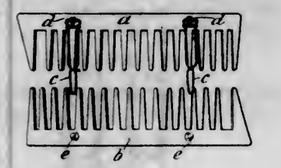
A device of the character described, comprising two members, one member consisting of a plate, a laterally offset integral forwardly projecting tongue stamped from the metal of the plate at the forward portion of the plate, a laterally projecting integral lug on the plate bent at right angles thereto and located at the rear of the plate in horizontal alinement with said tongue, the other member constituting an arm bent at its forward end laterally and then rearwardly, constituting a hook-shaped barrier to prevent the escape of the curtain over the free end of the arm, and said arm also at its other end having a longitudinal slot therein receiving the tongue and having a recess in its extremity to receive the lug whereby when the arm is in engagement with the lug it will be held in horizontal position, and when moved forwardly to free it from the lug can be swung downwardly on the tongue as a pivot, and can be uncoupled from the tongue by a lateral twisting movement.

1,577,487. VERTICAL-CHAMBER-OVEN-SUPPORTING MEANS. CARL OTTO, Hellerup, Denmark. Filed Apr. 23, 1925. Serial No. 25,453. 5 Claims. (Cl. 263—10.)



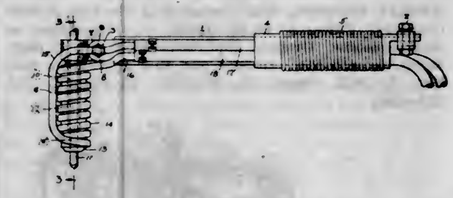
1. The combination with a row of vertical chamber ovens of a supporting framework therefor, said framework including a plurality of spaced supporting beams, and means for supporting the bottoms of said beams so as to permit bodily lateral movement of the beams.

1,577,488. MEANS FOR WAVING HAIR. FREDERICK PARKER, London, England, assignor to Parker and Company (London) Limited, London, England. Filed Aug. 31, 1925. Serial No. 53,678. 1 Claim. (Cl. 132—38.)



A comb comprising two bodily separable toothed members of substantially the same size and shape with the teeth of one member interlocked with the teeth of the companion member, one of said members carrying hinged fastening devices at its opposite end portions and the other member carrying studs with which said fastening devices engage.

1,577,489. ELECTRODE HOLDER. CECIL C. PECK, Cleveland, Ohio, assignor to The Lincoln Electric Company, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 11, 1925. Serial No. 22,443. 9 Claims. (Cl. 219—8.)



6. In a device of the character described, the combination of a body member provided with a handle at one end; an electrode holder angularly adjustably secured to the other end of said body member, said holder being formed with an aperture adapted to receive and hold an electrode pencil; a bushing of electrical insulating material fitted in the aperture in said holder and preventing electrical contact between the latter and such pencil except adjacent the free end of said holder; a cooling chamber in the form of a coil closely surrounding said holder; and flexible connections for said coil carried by said body member.

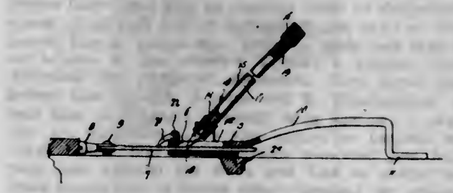
1,577,490. COMBINATION AUTO IMPLEMENT AND GAUGE. CHARLES HENRY POE, Houston, Tex. Filed Apr. 3, 1924. Serial No. 704,017. 3 Claims. (Cl. 137—139.)



1. A combination implement, comprising a staff having a bifurcated end, a reinforcing band or loop surrounding the staff at the inner end of the bifurcation, a pin or prong carried by the band or loop and extending perpendicularly to the staff, and a forwardly-extending arm carried by the pin or prong and terminating in an eye, said bifurcation being adapted to receive the thumbpiece of a pet-cock for opening the same, said pin being adapted to clear the passage therethrough, and said arm being adapted to support a receptacle for catching the drippings therefrom.

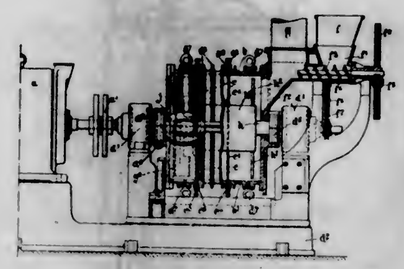
3. A combination implement comprising a wooden staff with a bifurcated end adapted to engage the thumbpiece of a pet-cock for turning the same, a reinforcing loop disposed about the staff near the bifurcated end to prevent the same from splitting, and means integrally connected to the loop for supporting a receptacle to catch the drippings from the pet-cock when the latter is opened.

1,577,491. FLOOR JACK. FRED C. PRENTICE, Great Bend, Pa. Filed Oct. 24, 1925. Serial No. 64,634. 3 Claims. (Cl. 254—11.)



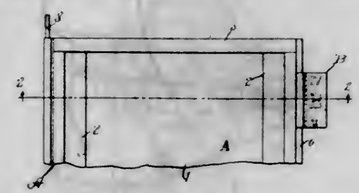
1. In a floor jack, a head, a rack bar slidable longitudinally through said head, a floor board engaging member carried by the forward end of said rack bar, a hollow lever pivoted adjacent its lower end on said head, a ratchet pin slidably disposed within the lever, the lower end cooperating with the ratchet teeth of said rack bar whereby the bar may be moved in one direction through the medium of the hollow lever and the pin, and means for maintaining the rack bar in its adjusted position.

1,577,492. DISINTEGRATOR FOR PULVERIZING SUGAR AND OTHER FRIABLE SUBSTANCES. WILLIAM EDWARD PRESCOTT, London, England, assignor to Baker-Perkins Company Incorporated, White Plains, N. Y., a Corporation of New York. Filed July 3, 1924. Serial No. 723,928. 12 Claims. (Cl. 83—11.)



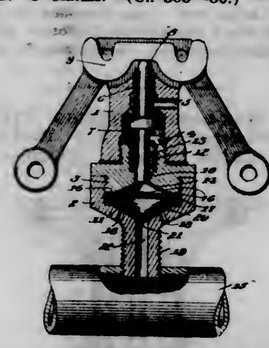
1. In a disintegrator the combination of a casing comprising relatively movable sections hinged together about a longitudinal axis, a feed hopper carried by one of said sections, means whereby the sections may be detached one from the other, a series of interior baffles carried by said casing sections and comprising separate elements each pertaining to the respective sections, rotary beaters mounted within the casing between the aforesaid baffles, a discharge outlet carried by another of said casing sections, means whereby said latter section can be rotated about the axis of the beaters, means whereby said last mentioned casing section can be held in various positions of rotation.

1,577,493. INDEX TAB. JAMES H. RAND, North Tonawanda, N. Y., assignor to Rand Kardex Company, Inc., North Tonawanda, N. Y., a Corporation of Delaware. Filed July 29, 1924. Serial No. 728,878. 9 Claims. (Cl. 40—102.)



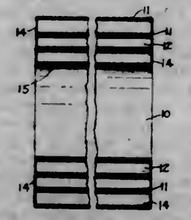
1. An index tab comprising an outer folded strip, an attaching strip fixed to the inside of said strip in the region of the fold, a sheath of transparent sheet material on said folded strip removable therefrom, and an index slip visible through said sheath.

1,577,494. AIR-BRAKE-RELEASE VALVE. PHILIP B. ROHNER, Carroll, Iowa, assignor of one-half to Andrew A. Drees, Carroll, Iowa. Filed Oct. 23, 1925. Serial No. 64,332. 3 Claims. (Cl. 303—80.)



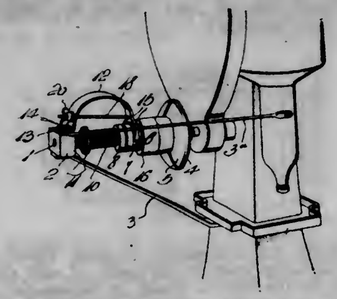
1. In a brake release device, a diaphragm having normally an inverted conical form with its apex presented to the flow of pressure fluid, there being a narrow slit through the apex of the diaphragm held open under normal pressure but closing under increased pressure which tends to flatten and invert the diaphragm.

1,577,495. HEAT-INSULATING MATERIAL. JOHN A. SCHARWATH, Elizabeth, N. J., assignor, by mesne assignments, to The Seaboard National Bank of the City of New York, trustee. Filed May 20, 1921. Serial No. 471,278. 3 Claims. (Cl. 154—45.)



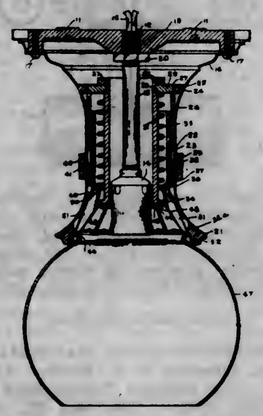
1. A rigid cellular heat insulating unit comprising a plurality of layers of like material impregnated with a solidifying heat resisting compound to render the unit rigid and smooth, said unit having its cells closed by walls formed with said heat resisting compound.

1,577,496. FRICTION CLUTCH. OLE M. SKOLBERG, Fergus Falls, Minn. Filed Apr. 16, 1925. Serial No. 23,619. 4 Claims. (Cl. 192—94.)



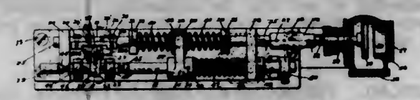
1. In combination with a slidable clutch controlling member, and a stationary member spaced therefrom in the direction of its axis; a U-shaped spring having one of its arms anchored to said stationary member and having a running connection between its other arm and said slidable member, the two arms of said spring having openings, a bolt passing through said openings and having a head contacting with the outer side of one of said arms, and a nut threaded on said bolt in contact with the outer side of the other arm, said nut and bolt being cooperable to draw said arms toward each other.

1,577,497. DECK-LAMP LIGHTING FIXTURE. EDWARD J. SCHRONDER, Summit, N. J. Filed Mar. 8, 1923. Serial No. 623,576. 3 Claims. (Cl. 240—78.)



1. In a lighting fixture a spider adapted to be rigidly secured to the ceiling, a canopy rigidly secured to said spider, a threaded flange on the upper interior portion of said canopy, an outer cylindrical casing screwed into said flange, an inner cylindrical casing having exterior threading at its upper end adapted to screw into an interior threading on the flange of said outer casing at its upper end, a sliding cylinder mounted between said inner and outer casings by means of a spiral spring around said inner casing which is supported on an inturned flange around the lower edge of said sliding casing and at the upper end bears against the inturned flange of the outer casing, a spring clamping finger member rigidly secured to said inner casing at its lower edge, a spring pressure member secured to the base of said sliding member, an annular ring around said canopy connected through openings in said canopy to said sliding cylinder and a socket support rigidly secured to said spider within said canopy.

1,577,498. QUICK-RELEASE SPEED AMPLIFIER. ANDREW G. SPINNEY, Portland, Me., assignor of one-half to Charles A. Twigg, Portland, Me. Filed Apr. 6, 1925. Serial No. 21,254. 3 Claims. (Cl. 74—14.)

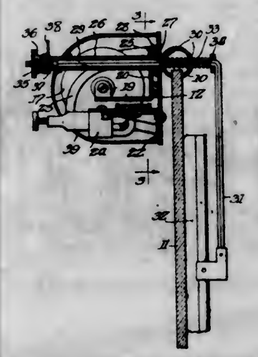


1. In a quick-release speed-amplifier, consisting of a base, bearings on said base, a shaft reciprocable in said bearings, means to actuate said shaft, a second shaft reciprocable in other bearings on said base,—said second shaft to be in parallel relation to said first shaft, means on said first shaft co-acting with means on said second shaft whereby a yielding pressure may be exerted on said second shaft, alternately, forwardly and backwardly, longitudinally of the same, a stop on said second shaft, a two-way pawl pivotally mounted on said base and adapted to engage said stop, alternately, in forward and backward movements of said second shaft, and means on said first shaft for tripping said pawl whereby the acquired energy stored in said second shaft may be precipitately released.

1,577,499. WALL COVERING AND PROCESS OF MAKING THE SAME. JAMES H. STEDMAN, Braintree, Mass. Filed Sept. 7, 1922. Serial No. 586,786. 16 Claims. (Cl. 18—52.)

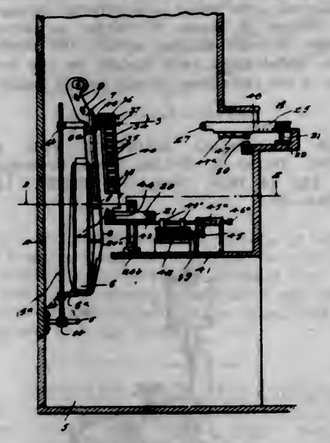
15. As an article of manufacture a rubber sheet having contained cotton threads in both individual strands and fabricated pieces, the threads being unshredded but twisted and commingled throughout the thickness of the sheet and being present in sufficient quantity to give a gnarled appearance to its surface.

1,577,500. WINDSHIELD CLEANER. FRANKLIN W. STEWART, Chicago, Ill. Filed May 31, 1922. Serial No. 564,794. 7 Claims. (Cl. 15—253.)



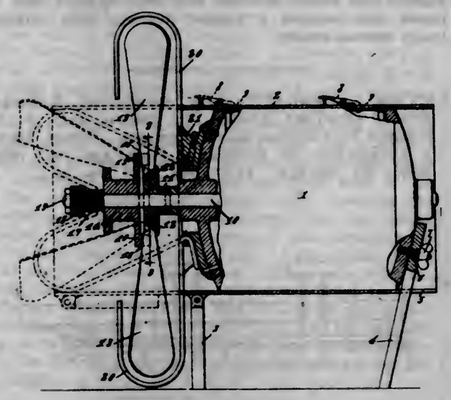
1. A windshield cleaner comprising a rod, a member rotatable therewith, said rod being slidable relatively to said member, a squeegee arm at the outer end of said rod, a resilient member thereon adjacent said arm tending to urge said rod outwardly of said member and a member on the inner end of said rod cooperating with said first named member for adjusting the squeegee on said arm with reference to the windshield to be cleaned, said adjusting member being arranged to rotate with said rod and to contact only with said first mentioned member rotatable therewith.

1,577,501. VIOLIN PIANO. JESSE C. STRAWN, Buffalo Springs, Tex. Filed July 26, 1923. Serial No. 653,951. 6 Claims. (Cl. 84—326.)



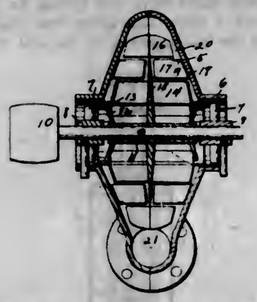
2. A violin piano having a violin, a movable belt bow common to all the strings thereof, means to drive said belt bow, keys, string-engaging fingers, arms to shift the belt into engagement with the strings, and electric means simultaneously operable through operation of a key to move a finger and the belt into engagement with the same string.

1,577,502. FOLDING FAN. EDWARD P. TABOR, Worcester, Mass. Filed May 29, 1925. Serial No. 33,743. 5 Claims. (Cl. 230—1.)



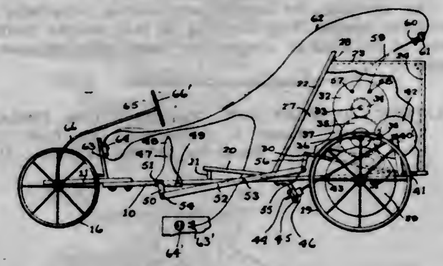
3. A collapsible electric fan comprising a motor, an operating shaft extending forwardly therefrom, a hub mounted on said shaft and having fan blades radiating therefrom, said blades being foldable, a spring pressed collar mounted on said shaft and having fingers to engage said blades to hold them in open position, said collar being movable to disengage said fingers from said blades, and a casing slidable on said motor and adapted to move forwardly, whereby the blades are folded therein and held in collapsed position.

1,577,503. BLOWER. JOHN TAYLOR, Salt Lake City, Utah. Filed Feb. 20, 1925. Serial No. 10,612. 1 Claim. (Cl. 230—11.)



A device of the character described comprising a casing having an enlarged, centrally disposed open hub, spokes carried thereby, bearings carried by said spokes and held thereby in spaced relation to the hub to permit of the entry of air between the hub and bearings, a shaft mounted in said bearings, a rotor carried by said shaft, a set of inner vanes carried by said rotor and comprising substantially horizontal collars which project into the hub of the casing, outwardly of the bearings, a second set of vanes disposed outwardly of the first set of vanes and spaced therefrom and an intermediate stationary set of vanes carried by the casing, the vanes of the rotor being spaced from each other, with openings therebetween which permit the passage of air inwardly through the horizontal collars to the interior of the rotor and thence radially outward between the vanes.

1,577,504. ELECTRICALLY-DRIVEN VEHICLE. M. EDGAR THOMAS, Riverview Manor, N. Y., assignor of one-half to Lawrence F. Sherman, Pelham Manor, N. Y. Filed July 21, 1922. Serial No. 576,584. 2 Claims. (Cl. 180—2.)

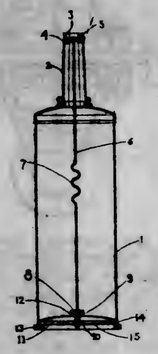


1. An electrically driven motor vehicle, comprising in combination, a wheel base, wheels supporting the same, certain of said wheels being readily dirigible so as to permit the vehicle to be propelled in any desired direction, an electric motor mounted on said wheel base and operatively connected to at least one of said wheels so as to drive the same and thus propel the vehicle, a flexible conducting cable connecting said electric motor to a suitable outside source of current for supplying current to said motor, and means for rendering said cable freely disconnectible upon a predetermined amount of tension being applied to the same.

1,577,505. LIQUID-DISPENSING DEVICE. DOUGLASS G. TOMKINS, New York, N. Y., assignor to Standard Development Company, a Corporation of Delaware. Filed Apr. 25, 1924. Serial No. 708,977. 4 Claims. (Cl. 221—45.)

1. In a liquid-dispensing device, the combination of a container having a spout provided with an internal valve-seat and a bottom provided with a vent-opening,

a valve seat internally of said vent-opening, a valve for coacting with said spout valve-seat, a vent-valve for coacting with the vent valve-seat, a compensating valve-rod carrying said spout-valve and having an enlargement on its other end, a sleeve extending from said vent-valve and embracing the enlargement on the end of the valve-

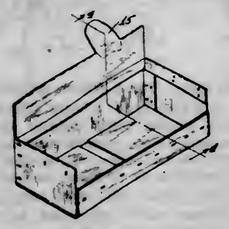


rod, and projecting as a tubular journal, an actuating bar mounted on said journal, a cam-surface on the bottom of the container against which said bar rides with its inner face, and an insert member presenting a cam-ridge parallel to the first mentioned cam-surface for engaging the outer face of said actuating bar.

1,577,506. ELECTRODE FOR ELECTRIC ARC WELDING. ERNST ALBERT EMANUEL TÖRNBLOM, Stockholm, Sweden, assignor to Carl Adam Carlson, Fritz Einar Arthur Hedborg, and Bror Sven Olof de Verdier, all of Stockholm, Sweden. Filed Aug. 14, 1923. Serial No. 657,376. 1 Claim. (Cl. 219—8.)

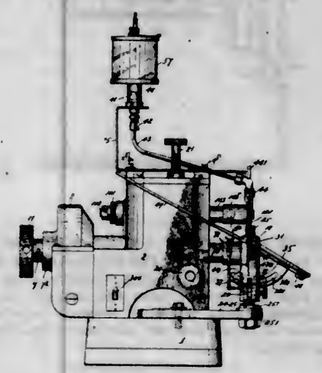
An electrode for electric arc welding comprising a metallic member, and a coating on said member consisting of an alkaline composition mixed with tragacanth gum.

1,577,507. DISPLAY BOX. ERSKINE WILDER, Hubbard Woods, and ALBERT J. OLLENDORF, Oak Park, Ill. Filed Dec. 9, 1922. Serial No. 605,964. 1 Claim. (Cl. 206—44.)



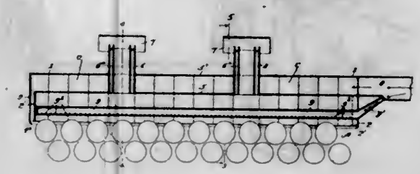
A carton for packing and displaying merchandise, comprising two blanks of sheet material and having the upper edges of its ends and its front of two thicknesses of material, each of said blanks being of substantially rectangular configuration and provided with two separated extension portions, said blanks cooperating one with another, when in assembled relation, to provide for said carton a bottom of three thicknesses of material, the body of the first of said blanks providing the back, top, and a lip at the front of said carton, the extensions on said blank forming means for uniting said first blank to said second blank, and the second of said blanks having extension portions and forming two layers of the bottom of said carton, the reinforced ends, and the reinforced front thereof, the extension portions of said blank overlapping the extension portions of said first blank for uniting said blanks one to another, said first blank being adapted to be folded longitudinally through the top section thereof to expose in outline an object advertising the contents of the carton, the cover section when so folded being held upright by the overlapping portions of the extensions on said second blank.

1,577,508. TRIMMING MACHINE FOR RUBBER GOODS. HARRY E. WILLS, North Brookfield, Mass. Filed Aug. 14, 1924. Serial No. 732,127. 14 Claims. (Cl. 164—60.)



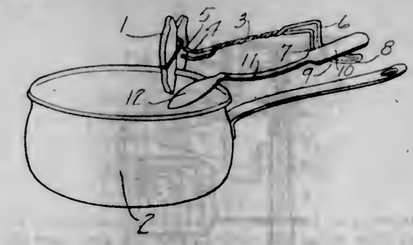
1. A machine of the kind described comprising cutter blades, a table, means for pivotally supporting said table, means for establishing the normal height of said table support and means whereby said table support may be raised and lowered a limited distance with relation to its normal height.

1,577,509. APPARATUS FOR HANDLING VAPORS. GEORGE STANFORD WITHAM, Jr., Hudson Falls, N. Y., assignor to American Blower Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 10, 1922. Serial No. 551,416. 16 Claims. (Cl. 34—48.)



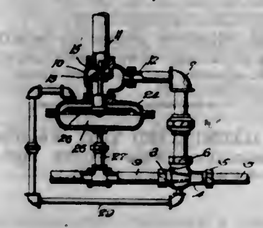
1. The combination with an apparatus from which condensable vapors are given off, of a hood associated with said apparatus to receive the vapors directly therefrom, and means for circulating a heating fluid in contact with the walls of the hood and inwardly around the bottom thereof to the interior of the same to maintain the hood at a certain temperature relative to the temperature of the vapors and to assist the circulation of the vapors through the hood.

1,577,510. SPOON RACK FOR KETTLES. RUBY WYMAN, Olympia, Wash. Filed Apr. 2, 1923. Serial No. 629,240. 1 Claim. (Cl. 65—65.)



A spoon rack for kettles formed entirely of wire and including a spring clamp for engaging the side of the kettle, a laterally and backwardly extended arm having its outer end turned angularly downward and laterally outward in a direction opposite to the lateral bend of the arm connecting with the clamp.

1,577,511. AUTOMATIC GAS-SUPPLY CONTROLLING MEANS. JOHN B. ALLINGTON and GEORGE S. DADY, Rochester, N. Y. Filed Nov. 9, 1922. Serial No. 599,780. 1 Claim. (Cl. 48—180.)



In combination with a gas supply, a valve controlling said gas supply and movable under the action of gravity to closed position, an air supply of greater pressure than the gas supply, a mixing chamber with which said gas supply and said air supply connect, a pressure operated member controlling said valve for the gas supply, means providing communication between one side of the pressure operated member and the air supply to effect the opening of the gas supply valve, the cross sectional area of such communicating means being smaller than the cross sectional area of the gas supply, so that the pressure operated member is operated through the static head of the air line, means providing communication between the opposite face of the pressure member and the mixing chamber, the cross sectional area of said means being smaller than the cross sectional area of the mixing chamber at the point where said means communicates with the mixing chamber, whereby the reduction of the pressure in the air supply below the pressure of the gas supply effects the cutting off of the gas supply and the building up of pressure in the mixing chamber due to interference with the flow from the mixing chamber will cut off the gas supply.

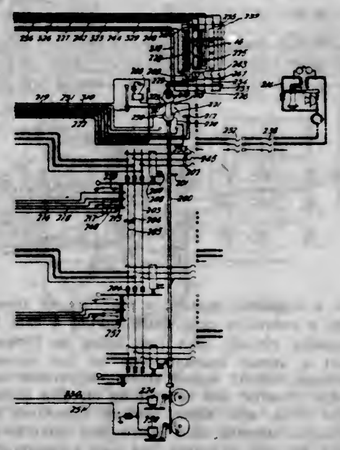
1,577,512. COUPLER. ALBERT H. ANDERSON, Woodsfield, Ohio. Filed Apr. 17, 1925. Serial No. 23,892. 2 Claims. (Cl. 294—96.)

1. In a device of the class described, a main tubular member having upper and lower inclined portions, a lower jaw slidable on the lower inclined portion of the main member, an upper jaw slidable on the upper inclined portion of the main member, a hollow plunger slidable in the main member, means for connecting the plunger with the lower jaw, to move the lower jaw longitudinally of the main member and to cause the lower jaw to move outwardly, and means located partly within the plunger and connected to the upper jaw to move the upper jaw longitudinally of the main member and to



cause the upper jaw to move outwardly, the main member being provided with an outwardly expansible stop located between the jaws.

1,577,513. TELEPHONE-EXCHANGE SYSTEM. WILLIAM G. BLAUVELT, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 11, 1923. Serial No. 680,029. 14 Claims. (Cl. 179—18.)

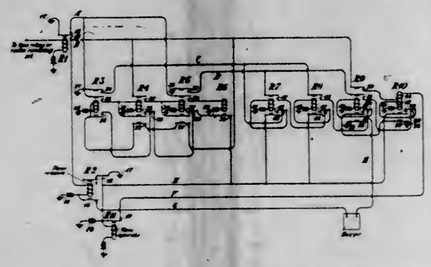


1. In a telephone exchange system, a group of switches, a common shaft means to associate any one of said switches with said common shaft, means for operating said shaft to position said switch, means for restoring said common shaft, and means for again associating said shaft with said switch to restore said switch.

1,577,514. SELECTOR CIRCUITS. RALPH K. BONELL, East Orange, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Nov. 2, 1923. Serial No. 672,354. 9 Claims. (Cl. 177—353.)

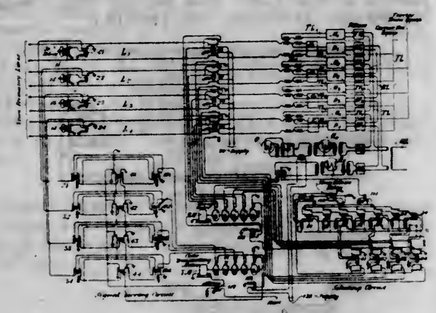
1. In a selector circuit, two sets of relays, circuit means whereby one relay of a set responds to the in-

itiation of a signal impulse to permit the operation of another relay of the set upon the termination of that impulse, circuit means whereby the operation of the latter relay releases the former, circuit arrangements whereby the second set of relays responds to the succeeding impulse in like manner, circuit arrangements



whereby the first and second sets of relays respond alternately to further succeeding impulses in new cycles of operations, a series of counting relays, and circuit means whereby said counting relays are actuated successively in response to the alternate operations of the two sets of relays.

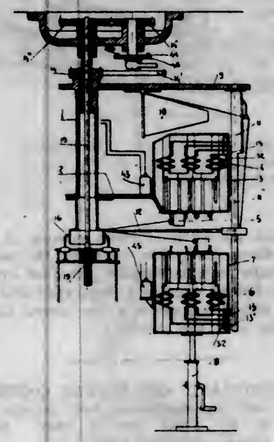
1,577,515. SELECTIVE SIGNALING CIRCUITS FOR CARRIER SYSTEMS. RALPH K. BONELL, East Orange, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed May 15, 1924. Serial No. 713,583. 13 Claims. (Cl. 179—15.)



1. In a signaling system, a plurality of transmission circuits, a rotatable cam shaft having a cam for each transmission circuit, each cam being so formed as to transmit a signal characteristic of the corresponding transmission circuit, signal storing apparatus associated with said circuits, and controlling circuits interconnecting said cams, said signal storing apparatus and said transmission circuits, said controlling circuits being so arranged that in response to signals substantially simultaneously incoming from a plurality of said transmission circuits said signals will be stored by said storing apparatus and the storing apparatus will control the cams to successively transmit to a distant station signals characteristic of the several transmission circuits, and means at the distant station individually responsive to the different characteristic signals.

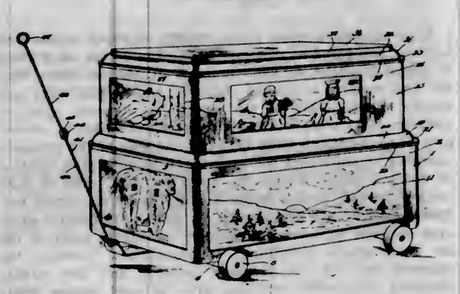
1,577,516. AUTOMATIC CIRCULAR LOOM. LUIGI BRUNO, Turin, Italy. Filed May 14, 1923. Serial No. 638,896. 9 Claims. (Cl. 139—14.)

1. An automatic circular loom comprising spaced discs, movable warp thread shuttle supports in each disc arranged in pairs facing each other and arranged in a plurality of circular series, a shuttle for each pair of



supports and adjustable means for selectively moving the supports of one disc toward their corresponding supports in the opposite disc and vice versa.

1,577,517. ILLUMINATED TOY. FRANCIS P. CHANDLER, Houston, Tex. Filed Oct. 23, 1923. Serial No. 670,311. 6 Claims. (Cl. 46—37.)

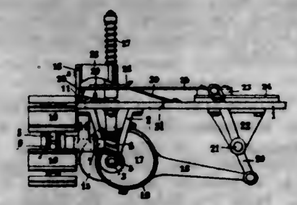


1. An illuminated toy comprising a hollow body to be interiorly illuminated and having a display opening in its wall, a display panel comprising a sheet of translucent material provided with oppositely located marginal pockets, rods fitted into the pockets, the sheet being disposed to extend over the opening, and resilient means carried by the wall at opposite sides of the opening and embracing the pockets of the panel and rods therein and maintaining the sheet in stretched condition.

1,577,518. MACHINE FOR REMOVING THE HEADS AND GUTS OF FISH. JOSEPH EUGENE AMAND CHAUVEUR, Concarneau, France, assignor to Société P. Navarre & Fils, Paris, France. Filed Feb. 14, 1925. Serial No. 9,335. 8 Claims. (Cl. 17—3.)

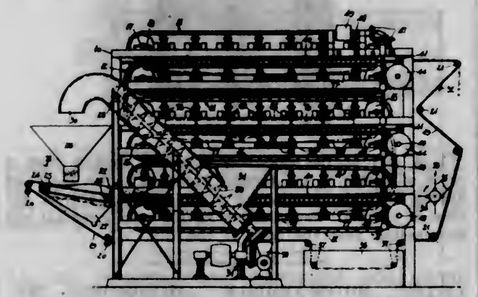
1. A machine of the character described including a support, a knife mounted for movement on said support

and adapted to sever the fleshy part of the fish head, a fork movable in a direction at right angles to the knife



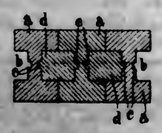
and including penetrating teeth adapted to penetrate the fish head and grip and remove the latter with the entrails from the fish.

1,577,519. CONTINUOUS PRESS. ANGELO COLUMBRO, Cleveland, Ohio. Filed Feb. 26, 1924. Serial No. 695,269. 5 Claims. (Cl. 100—37.)



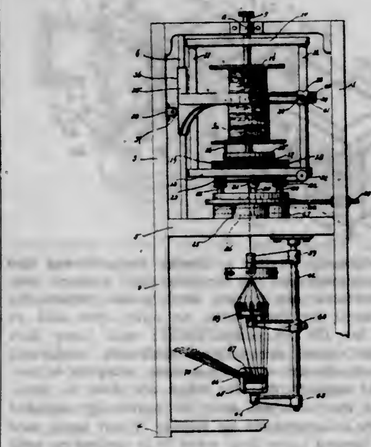
1. A continuous press comprising a frame, a pair of endless chains of presser bars mounted in the frame, and means carried by the frame for guiding and holding together the adjacent runs of said chains, said means of one chain including bars extending longitudinally of the chain and arranged end to end, members to which the adjacent ends of said bars are pivotally connected, means for guiding said members for movement toward and away from the other chain, rollers carried by said bars between said members to contact with the firstnamed chain, and spring means urging said members toward the lastnamed chain.

1,577,520. BLOCK AND THE LIKE FOR ROAD PAVING AND OTHER PURPOSES. JACK SHERIDAN COWPER, South Kensington, London, England. Filed Dec. 29, 1922. Serial No. 609,703. 5 Claims. (Cl. 94—11.)



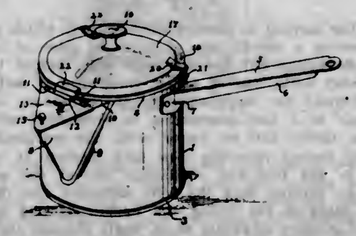
1. A block comprising a moulded shell of rubber material formed of upper, lower and end portions arranged integrally as one, a cavity in the shell between the said portions, a core member of relatively harder material than rubber adapted to fill in the cavity, and thickened inner corners upon the shell shaped to give increased resistance to the disruptive effect, between the shell and core produced by the traffic when the block is under traffic pressure.

1,577,521. CORD-MAKING MACHINE. FREDERICK S. DICKINSON and ALBERT E. SHEPARD, New York, N. Y., assignors to Dickinson Cord Tire Corporation, New York, N. Y., a Corporation of Delaware. Filed Oct. 4, 1922. Serial No. 592,214. 16 Claims. (Cl. 117—49.)



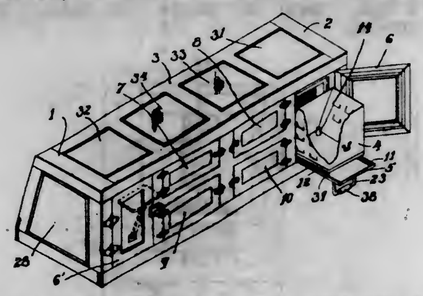
1. A device of the class described, comprising in combination, means to supply a plurality of strands, means to twist said strands into a single cord, and stationary means to guide said strands into the twisted position along paths disposed angularly of the axis of said cord and corresponding to the angular position of said strands in said cord.

1,577,522. BOILING AND DRAINING KETTLE. BENJAMIN L. ECK, Marinette, Wis. Filed July 15, 1925. Serial No. 43,815. 1 Claim. (Cl. 53—8.)



A cooking utensil comprising a receptacle open at its upper end and having an annular wall, said wall being perforated to provide outlet openings, a handle extending from said receptacle, a spout secured upon the outer face of said annular wall and enclosing the perforated portion thereof, said spout being open at its upper end and having a fragmentary upper wall extending across its rear end portion and engaging the wall of said receptacle above the perforated portion thereof, said upper wall being provided at its forward edge with hinge ears, a cap for the open upper end of said spout resting upon the upper end thereof and at its rear end pivotally connected with said hinge ears for vertical swinging movement into and out of a closed position, a cover for the open upper end of said receptacle, a clip carried by the upper wall of said spout and extending in overlapping engagement with said cover, and latches carried by said cover for engaging the wall of said receptacle and cooperating with said clip to hold the cover in closing relation to the open upper end of the receptacle.

1,577,523. BUTCHER'S REFRIGERATOR DISPLAY CASE. ALONZO EGGLESTON, Rochester, Ill. Filed June 1, 1925. Serial No. 34,115. 1 Claim. (Cl. 62—37.)



In a refrigerator having a display compartment and an ice compartment, an ice container and support comprising a container on trucks, fixed tracks within the ice compartment for the trucks, an outer door and an inner door for the ice compartment; said inner door provided with spaced rails aligned with said tracks and a U-shaped handle for said inner door, adapted to provide optional support therefor when the door is open; whereby the ice container may be optionally removed from said ice compartment by rolling it out upon said rails of the opened inner door when it is desired to refill the ice container.

1,577,524. METHOD OF MAKING SHOES. JULIUS F. G'SELL, Jerseyville, Ill., assignor, by mesne assignments, to International Shoe Company, St. Louis, Mo., a Corporation of Delaware. Filed Nov. 30, 1923. Serial No. 677,811. 3 Claims. (Cl. 12—142.)



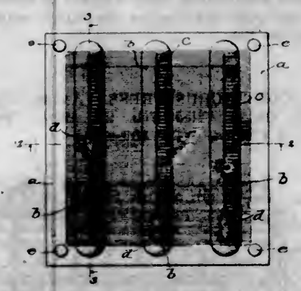
1. The method of manufacturing shoes, which consists in forming a middle sole of a single piece of material and channeling out the marginal edge thereof to form separated walls, one of which constitutes a welt extension beyond the marginal edge of the other; securing the sole to a last, assembling in connection with said sole a lining and an upper with the marginal edges thereof turned inwardly into said channel at opposite sides of the last and outwardly against the welt extension; turning back the welt extension and the marginal edges of the lining and upper; passing a single row of stitches upwardly at an angle through the upper, the lining and through the middle sole adjacent to said welt extension while said parts are turned inwardly; and then turning said parts outwardly and securing the outer sole and a welt strip to said welt extension.

1,577,525. APPARATUS FOR MAKING SPRING-HEEL SHOE SOLES. JULIUS F. G'SELL, Jerseyville, Ill., assignor, by mesne assignments, to International Shoe Company, St. Louis, Mo., a Corporation of Delaware. Original application filed July 16, 1923, Serial No. 651,733. Divided and this application filed May 14, 1924. Serial No. 713,334. 5 Claims. (Cl. 12—21.)



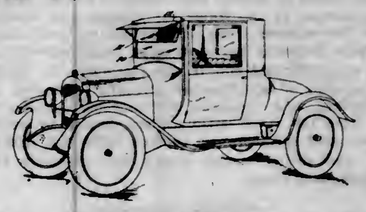
1. An apparatus for making spring heel soles, which consists in a base mold section having a shape-forming cavity therein, a top section adapted to be applied to said base section and cooperate therewith to shape a sole blank, a latch element in the base section comprising a ratchet, and a releasable lock bolt supported by the top section and adapted to cooperate with said ratchet to prevent separation of the two sections of the mold when latched.

1,577,526. FLOOR MAT FOR AUTOMOBILES. HENRY HELLWEG, Milwaukee, Wis., assignor, by direct and mesne assignments, of fifty-one per cent to F. O. Richey, Cleveland, Ohio, and forty-nine per cent to Edward E. Richardson, Maumee, Ohio. Filed Oct. 27, 1921. Serial No. 510,911. 10 Claims. (Cl. 74—81.)



1. A mat of the character described formed from a sheet of rubber, a rib formed upon the upper face and having its ends terminating at points spaced from the edge of the mat, and said rib having a longitudinal slit terminating near the ends of the rib.

1,577,527. MOTOR-VEHICLE WINDSHIELD. WILLIAM H. HOYT and SWART B. MANN, Oneonta, N. Y. Filed Aug. 29, 1924. Serial No. 734,951. 3 Claims. Cl. 296—97.)



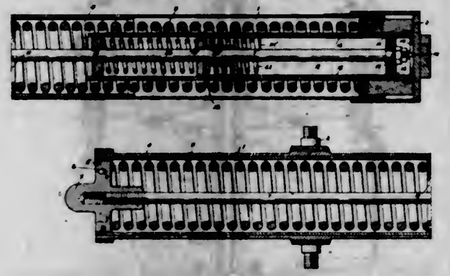
1. The combination with a windshield, of a tinted eye shading area having the tint thereof gradually fading out at the margins of said area.

1,577,528. TUNNELING MACHINE. WILLIAM C. JAMESON, Sabinal, Tex. Filed June 19, 1924. Serial No. 720,984. 6 Claims. (Cl. 262—13.)



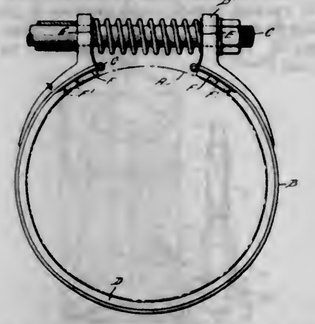
1. An apparatus of the class described comprising a carriage, a turn-table thereon, power means for rotating the table, a frame pivoted about a horizontal axis on the turn-table, manually operated means for rocking the frame on its pivot, a reciprocating tool carrying shaft in the frame, power means for reciprocating the shaft, means for propelling the carriage either forwardly or rearwardly, gathering means at the front of the carriage, a conveyor for receiving the material from the gathering means, an elevator at the rear of the carriage for receiving the material from the conveyor and means for operating the gathering means, the conveyor and the elevator from the carriage propelling means.

1,577,529. COUNTERPOISE. BRYAN P. JOYCE, Davenport, Iowa, assignor to David M. King. Filed May 2, 1923. Serial No. 27,570. 8 Claims. (Cl. 89—37.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



8. A counterpoise embodying a casing, a plunger reciprocally mounted therein, resilient means for extending the counterpoise, and means carried with the casing and cooperating with the plunger to oppose the extension of the counterpoise.

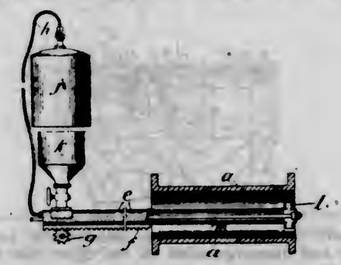
1,577,530. BRAKE-LINING FASTENER FOR AUTOMOBILE BRAKES. BRONISLAW KARASIEWICS, Cleveland, Ohio. Filed Mar. 26, 1925. Serial No. 18,337. 5 Claims. (Cl. 188—249.)



3. As a new article of manufacture, a brake lining hanger comprising two members and a pin hingedly securing said members together, one of said members having a slot therein and the other member having tongues punched therefrom adapted to be forced through a brake lining and turned down thereover to securely fasten said hanger to a brake lining.

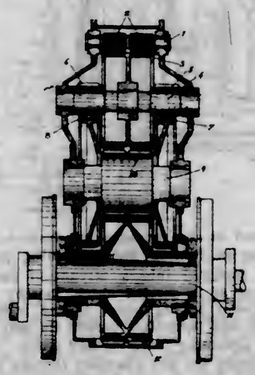
1,577,531. METHOD OF ENAMELING PIPES. WESLEY LAMBERT and ALBERT ALFRED MEAD, London, England, assignors to J. Stone & Company Limited, Deptford, England, a Corporation of Great Britain. Filed May 29, 1925. Serial No. 33,846. 2 Claims. (Cl. 91—73.)

2. Method of enameling a preformed metal pipe, comprising rotating said pipe while it still retains sufficient residual heat from a previous heat treatment, delivering onto the interior of said pipe and by the aid of a distributor nozzle a reducing gas having the capacity for preventing and removing oxide formations on said pipe,



introducing enamel through said nozzle and utilizing said gas as a propellent for delivering said enamel onto said interior, and feeding said nozzle along the pipe, substantially as and for the purpose set forth.

1,577,532. TOOTHED GEARING FOR TURBINE LOCOMOTIVES. FREDRIK LJUNGSTRÖM, Brevik, Lidingon, Sweden, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden, a Corporation. Filed June 16, 1923. Serial No. 645,819. 4 Claims. (Cl. 74—58.)

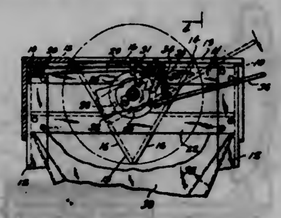


1. In turbine driven locomotives and similar vehicles, a gearing between the turbine and the driving wheels, comprising a driving shaft, a gear mounted on said shaft, an intermediate shaft, two gears of different sizes mounted on said intermediate shaft, the larger of which gears meshes with the gear of the driving shaft, a driven shaft, a gear mounted on said driven shaft, a reversing shaft, a gear mounted on said reversing shaft, and means to move radially the intermediate shaft and the reversing shaft so that the larger gear carried by the intermediate shaft may be brought into and out of engagement with gear of the reversing shaft, whilst the smaller gear of said intermediate shaft may be brought into and out of engagement with the gear of the driven shaft and the gear of the reversing shaft into and out of engagement with the gear of the driven shaft.

1,577,533. ROTARY COIN BOARD. GEORGE H. MERWIN, Milford, Conn. Filed Aug. 2, 1924. Serial No. 729,804. 8 Claims. (Cl. 232—44.)

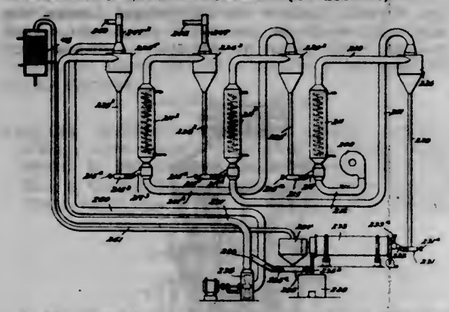
2. In a device of the character described, a substantially flat topped table or counter having a substantially rectangular opening in the top thereof, a coin board in said opening and mounted to rotate about a horizontal axis, said coin board being polygonal in cross section with rectangular faces adapted to close said

opening and arranged for deposit of coins thereon, and manual means accessible from the rear of the table or counter for rotating said board with a step by step



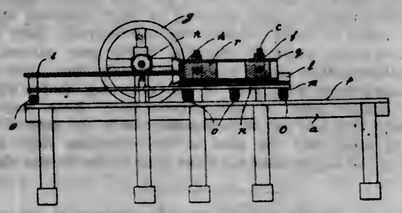
movement to bring the faces successively into said opening and discharge coins on the upper face through the opening.

1,577,534. METHOD AND APPARATUS FOR SEPARATING OR RECOVERING A GAS FROM A MIXTURE OF GASES. ERNEST B. MILLER, Baltimore, Md., assignor to The Silica Gel Corporation, Baltimore, Md., a Corporation of Maryland. Filed June 15, 1922. Serial No. 568,666. 20 Claims. (Cl. 183—4.)



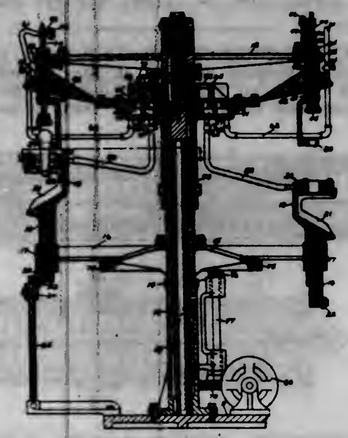
1. The method of separating a gas from a mixture of gases consisting in feeding finely dividing porous solid gas adsorbing material into a stream of said mixture of gases so that it is carried along thereby in suspension, said material having pores of the proper size to adsorb said gas and thereafter permit its easy liberation, separating the adsorbing material and gases, treating the material to liberate the gas adsorbed thereby and returning the material for use again, all of said steps being performed in a continuous closed cycle.

1,577,535. MACHINE FOR TAKING OUT GEOLOGICAL SAMPLES. KEIJIRO NISHIO, Tokyo, Japan. Filed Apr. 23, 1925. Serial No. 25,458. 2 Claims. (Cl. 255—1.)



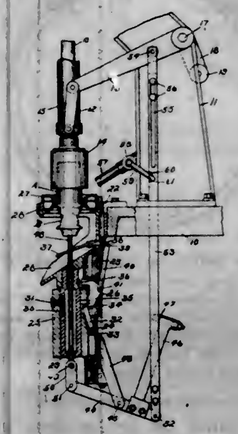
1. A machine for taking out a geological sample from a sample tube, comprising a device to support the sample tube horizontally, a receiver arranged in continuance to the sample tube and a piston to push out the sample from the tube, the piston and receiver being moved or propelled in the same direction with the same speed longitudinally along the in and out sides of the tube, substantially as shown and described.

1,577,536. APPARATUS FOR SEVERING GLASS. ALVAH C. PARKER and CARL W. SCHREIBER, Toledo, Ohio, assignors to The Libbey Glass Manufacturing Company, Toledo, Ohio, a Corporation of Ohio. Filed Apr. 3, 1924. Serial No. 703,855. 14 Claims. (Cl. 49—2.)



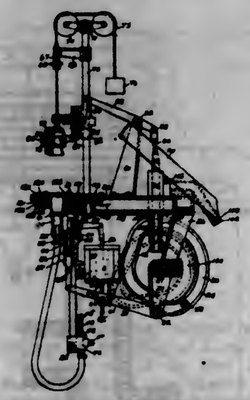
1. Apparatus for severing glass articles having forms of rotation, comprising means to support such an article, means to move the support in a closed path, an annular burner, and means to move the burner into position about the proposed line of severance of an article in the support and move the burner with the support until the glass is melted along said line.

1,577,537. APPARATUS FOR BURNING OFF GLASS. ALVAH C. PARKER, Toledo, Ohio, assignor to The Libbey Glass Manufacturing Company, a Corporation of Ohio. Filed Apr. 7, 1924. Serial No. 704,579. 24 Claims. (Cl. 49—50.)



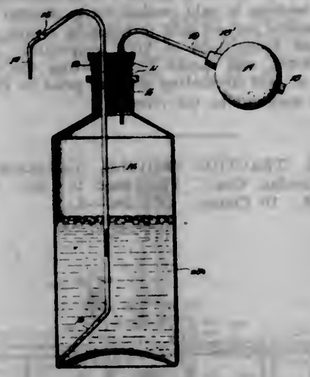
1. In an apparatus for severing glass, a melting-off burner, a holder adapted to hold a glass article with its point of desired severance exposed to a flame from the burner, and automatic means operable upon the completion of a severance to increase the distance between the burner and holder and means to stop said increase at a fraction of an inch.

1,577,538. APPARATUS FOR BURNING OFF GLASSWARE. ALVAH C. PARKER, Toledo, Ohio, assignor to The Libbey Glass Manufacturing Company, a Corporation of Ohio. Filed Nov. 1, 1924. Serial No. 747,807. 32 Claims. (Cl. 49—50.)



1. In apparatus for burning-off glassware, a burner, a vertically reciprocable article carrier beneath the burner, and automatic means whereby an article is held in position on the carrier when the carrier is raised and is released when the carrier is lowered.

1,577,539. DISPENSING DEVICE. ALEXANDER HAMILTON POLK, Pig Point, Va. Filed Aug. 23, 1922. Serial No. 583,837. 3 Claims. (Cl. 215—47.)



1. The combination with a container having a discharge neck, the inner wall of which is smooth and unobstructed, of a truncated elastic stopper fitting within the neck of the container and provided with a longitudinally extended series of stepped circumferential resilient lips provided with upwardly directed feather edges bearing against the smooth wall of the neck of the container and compressed thereagainst to form an air and liquid-tight joint between the parts.

1,577,540. HAND PROTECTOR. GEORGE B. PUNCHES, Eagle River, Wis., assignor of one-half to George F. Sanborn, Eagle River, Wis. Filed July 31, 1925. Serial No. 47,849. 2 Claims. (Cl. 2—16.)

1. The combination with a glove, of a soft compressible pad attached throughout the major portion of its length to the back of the glove with its forward end portion free from connection with the glove, and a rigid guard



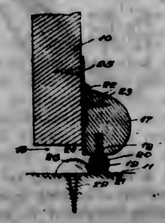
plate secured upon the pad and extending throughout the major portion of the length of the pad and over the unattached portion of the pad.

1,577,541. BAILER. HARRY WILLIAM RHINELANDER, Palembang, Sumatra, East Indies. Filed Oct. 29, 1924. Serial No. 746,609. 1 Claim. (Cl. 166—19.)



The combination with a bailer, a ring constituting the bottom thereof, said ring having a flared upper portion constituting a valve seat, and an inner annular flange at the bottom of the ring and integral therewith, of a valve normally engaging the seat, a stem depending from the valve and normally projecting below the ring, and a latch formed in a single length of resilient metal, said latch including a yoke straddling the lower end of the stem, terminal portions extending along and secured to the stem and projecting into the yoke, downwardly diverging arms projecting from the upper ends of the terminal portions, and opposed shoulders connecting said arms to the yoke.

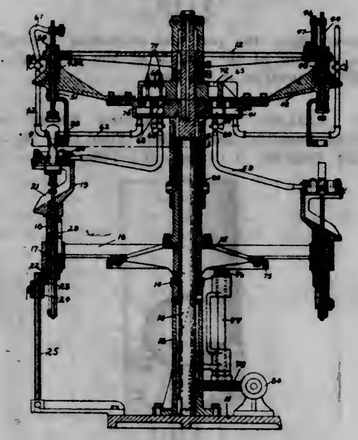
1,577,542. ACOUSTIC THRESHOLD CLOSURE. MAURICE C. ROSENBLATT, Philadelphia, Pa. Filed June 22, 1925. Serial No. 38,787. 7 Claims. (Cl. 20—69.)



1. An acoustic threshold closure, comprising a strip, a cushion carried by the strip, means carried by the strip for hingedly connecting the strip to a door, and a thin

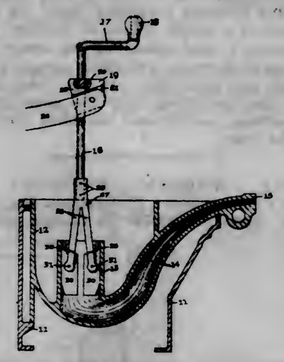
laterally projecting stop mounted on the strip and extending substantially in line with the rear face thereof in position to engage a stop on such door frame.

1,577,543. METHOD OF AND APPARATUS FOR SEVERING GLASS. ERNEST C. SCHRADER, Toledo, Ohio, assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio, a Corporation of Ohio. Filed Mar. 26, 1923. Serial No. 627,762. 8 Claims. (Cl. 49—2.)



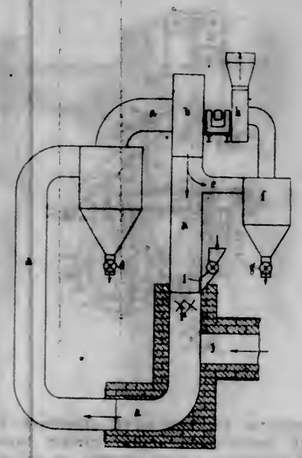
1. A method of making glass articles, comprising blowing an article with a bead between the point of its attachment to the blow iron and the line of severance of the moil, utilizing the bead to apply stretching strain to said line of severance, and melting the glass along said line while the strain is being applied.

1,577,544. SCRAPER. LOUIS A. SENGELE, San Antonio, Tex. Filed Oct. 11, 1923. Serial No. 667,896. 1 Claim. (Cl. 15—104.02.)



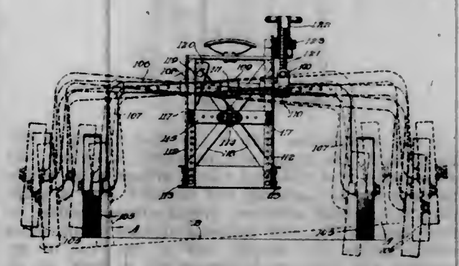
In combination, a base formed to be supported from the pot pump lever of a casting machine and provided with a depending lug arranged to seat within the pot pump piston receiving recess in lieu of said piston, and mechanism supported by said base effective to clean said pot when said base is so supported on said lever.

1,577,545. DRYING APPARATUS. OLOF SÖDERLUND, THORVON HOSBRO, and NILS TESTRUP, London, England, assignors to Techno-Chemical Laboratories, Limited, London, England. Filed June 9, 1924. Serial No. 719,001. 10 Claims. (Cl. 34—34.)



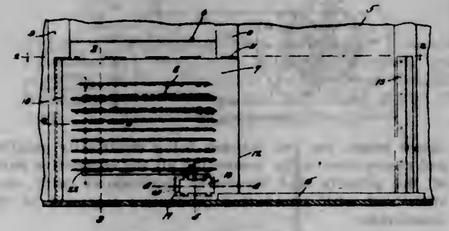
1. A drying apparatus comprising in combination a closed circuitous conduit, means for circulating a gaseous medium therein, means on the inlet side of said circulating means for separating from said medium divided dried substance carried thereby, means on the delivery side of said circulating means for introducing into the gaseous medium in said conduit finely divided moist substance, means beyond said introducing means for adding determined proportions of high temperature medium to said medium, and means for rejecting equivalent proportions of said circulating medium prior to the addition of moist material to the circuit.

1,577,546. TRACTION VEHICLE. LAWRENCE Y. SPEAR, New London, Conn. Filed Sept. 2, 1922. Serial No. 585,866. 10 Claims. (Cl. 280—6.)



8. In a machine of the class described, the combination of a chassis frame, a pair of axle guides thereon, an axle carrying member slidably mounted on each said guides, an axle comprising a pair of axle sections adjustable transversely of the chassis frame in both said axle carrying members, and a ground wheel on each said axle sections.

1,577,547. GRAIN DOOR. THEOPHILUS VINCENT STRALKA, Colgate, N. Dak. Filed Feb. 7, 1925. Serial No. 7,571. 1 Claim. (Cl. 20—31.)



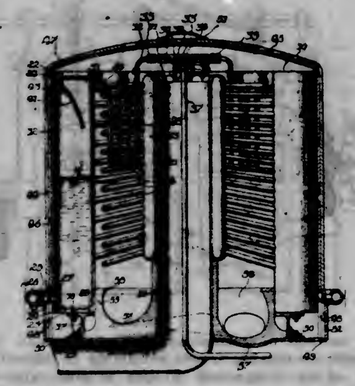
In a car door construction, vertical flange members positioned adjacent to the door of a car, a wear plate adjacent to the lower end of the door and having an upstanding flange forming a part thereof and having a rearwardly extended flange formed integral therewith, said door including a length of sheet metal formed with central corrugated portions, a rod extending vertically with respect to the ends of the door, said rod passing through the corrugations to provide hand grips, said rod having its ends bent to prevent the rod from moving with respect to the door, an inwardly extended flange at one end of the door and adapted to move behind one of the flanged members to hold the door against outward movement, and the forward edge of the door adapted to move behind the opposite flange member of the door.

1,577,548. FOUNTAIN PEN. HENRY J. UPTON, Medford, Mass., assignor to The Moore Pen Co., Boston, Mass., a Corporation of Massachusetts. Filed Jan. 12, 1925. Serial No. 1,720. 2 Claims. (Cl. 41—35.)



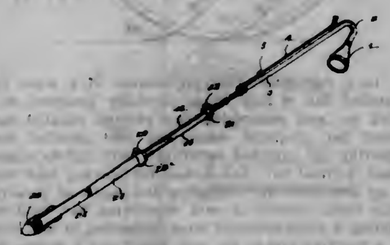
1. The pen cap above described, made up of a tube having walls of two diameters within separated by a shoulder abutment and two diameters without separated by a shoulder abutment the smaller diameters of the tube within and without being at the same end of the tube and the smaller inner diameter being screw threaded at its outer end; a ring or rings fitting upon the smaller exterior surface of the tube; a clamping plug, made up of a head of greater diameter than the small outer diameter of the tube and having a screw threaded tang to cooperate with the threaded open end of the smaller interior diameter of the tube, to close one end of the cap and clamp the fitted rings upon the outer surface of the tube, between the clamping head and the shoulder abutment.

1,577,549. BOILER. WILLIAM H. WINSLOW, River Forest, Ill., assignor to Winslow Safety High Pressure Boiler Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 12, 1919. Serial No. 344,355. 24 Claims. (Cl. 122—236.)



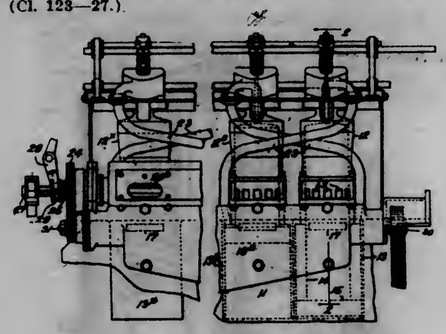
1. In a high pressure boiler, the combination of a plurality of independently functioning sections, each of said sections comprising an outer header and an inner header consisting of sections of tubing closed at their ends, a plurality of transverse tubes extending between said headers, said transverse tubes being spaced to form flue areas therebetween, said boiler sections being arranged in circular formation with each section radiating divergingly from a substantially central point, a manifold, and individual connecting tubes for each of said sections, each tube having threaded connection with a header of its section, and connecting at its other end to said manifold.

1,577,550. EXTENSIBLE ROD. WILLIAM J. WOERNER, Rochester, N. Y. Filed Nov. 17, 1925. Serial No. 69,720. 5 Claims. (Cl. 67—6.)



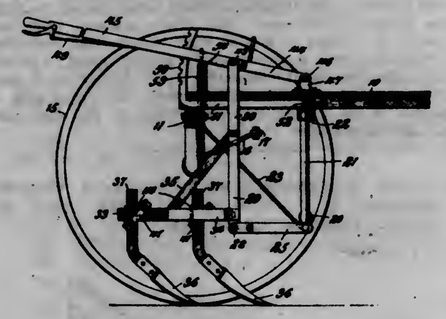
1. An extensible rod comprising two members, one of which is tubular and has the other sliding therein, a sleeve fitted in one end of said tubular member and formed with a rib on its inner side, the other member having a longitudinally extending groove receiving the internal rib of the sleeve, and a combined guide and stop member arranged at the inner end of the other member of the rod and cooperating with the interior face of the tubular member to guide the inner end of said other member of the rod and also cooperating with the sleeve to limit the movement of said other member in one direction in the tubular member.

1,577,551. PROCESS OF REGULATING INTERNAL-COMBUSTION ENGINES. ANDRÉ C. ATTENDU, Montreal, Quebec, Canada, assignor to Attendu Engines Limited, Montreal, Canada, a Corporation of Canada. Filed Dec. 27, 1921. Serial No. 524,987. 8 Claims. (Cl. 123—27.)



1. A method of regulating high compression engines to operate at varying speeds consisting in adjusting the volume of air compressed in such inverse ratio to the rate of compression as to maintain constant ignition temperatures irrespective of variations of engine speed.

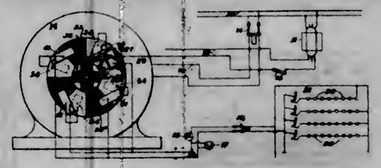
1,577,552. CULTIVATOR. SILAS E. BAILOR, Atchison, Kans. Filed Mar. 5, 1924. Serial No. 697,087. 11 Claims. (Cl. 97—158.)



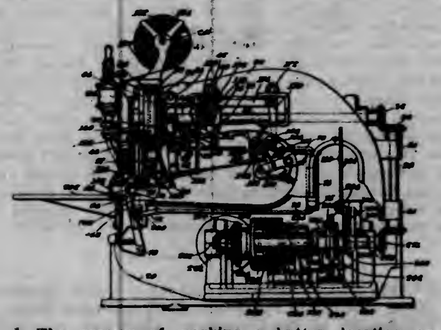
1. In a cultivator, the combination of a main frame, an arched bar, a link frame pivotally mounted on said arched bar and comprising two pivoted parallel bars, a vertical bar pivotally connecting said parallel bars, a supporting bar carrying cultivator teeth rigidly connected to said vertical bar, and means for moving said vertical bar up and down for adjusting the depth of penetration of the teeth carried by said supporting bar, said means including a hand-operated lever connected to said vertical bar, a latching means for said lever, and a spring means for said latching means and said lever, whereby the cultivator teeth are permitted to yield upwardly in the event an unusual obstruction is encountered.

1,577,553. ROTARY RECTIFIER. WALTER J. BAKER, Chillicothe, Mo. Filed Sept. 14, 1920. Serial No. 410,143. 12 Claims. (Cl. 175—364.)

2. A rectifying device comprising a synchronous motor, a commutator rotated by the shaft of said motor, said commutator comprising a disk composed of arcuate segments of approximate equal size, half of said segments being conductors and the other half being insulators alternating therewith, a primary interrupter and a secondary interrupter mounted on the same shaft with the commutator, a brush conducting alternating current to said primary interrupter, a brush conducting current from the same source to the secondary interrupter but set so as to break the contact later than the first mentioned brush, the two brushes being electrically parallel, and means electrically connecting all the conductive parts of the primary and secondary interrupters with each other and with alternating conductive segments of the commutator.

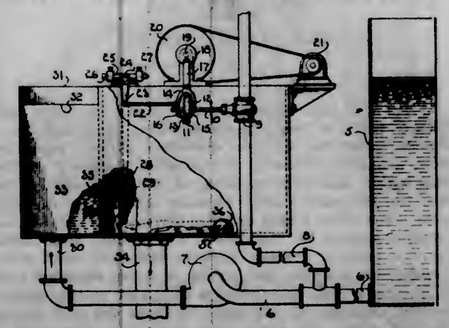


1,577,554. BUTTON-LOCATION-MARKING MACHINE. LEWIS J. BAZZONI, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Mar. 29, 1920. Serial No. 369,737. 65 Claims. (Cl. 216—25.)



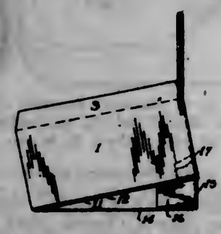
1. The process of marking a button location on a shoe upper which consists in cutting a piece of suitable size from a strip of marking material, pressing said piece against the shoe upper to indicate the point of attachment of the button, and feeding the upper a distance determined by a characteristic of said upper to bring the point at which it is desired to make the succeeding mark into operative position.

1,577,555. PROCESS AND APPARATUS FOR REGULATING PAPER STOCK AND THE LIKE. WARREN E. BEADLE, Wisconsin Rapids, Wis. Filed Dec. 14, 1922. Serial No. 606,917. 5 Claims. (Cl. 92—46.)



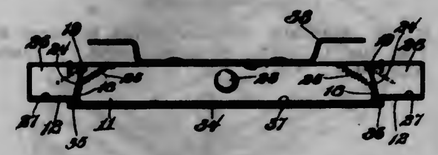
3. An apparatus for regulating the consistency of a flowing liquid comprising a valve for controlling the admission of water thereto, means rotatable in one direction to open the valve and rotatable in the other direction to close the same, means including a rock shaft for controlling the rotation of said rotatable shaft, a paddle secured to and depending from the rock shaft, and means for directing a constant stream of said liquid against the paddle with a force varying inversely with the consistency of the liquid.

1,577,556. PAPER BOX AND THE LIKE. SAMUEL BERGSTEIN and WILLIAM C. MILLER, Middletown, Ohio, assignors to The Interstate Folding Box Company, Middletown, Ohio. Filed Jan. 26, 1925. Serial No. 4,769. 5 Claims. (Cl. 206—44.)



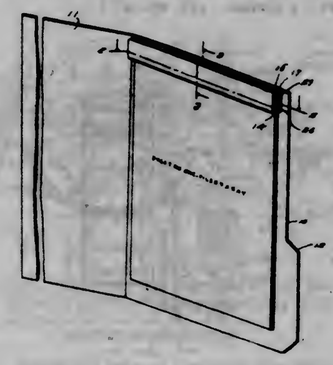
2. A paper box comprising bottom portions adapted to be interlocked one part with another by a coacting tongue and slots, and a part arranged normally parallel to said interlocked portions and adapted to be adjusted at an angle relative thereto, said adjustable part comprising parts adapted, as said part is adjusted outwardly, to be interposed between said adjustable and said other bottom parts, whereby said box is adapted to be arranged suitably to display the contents thereof.

1,577,557. COMBINED SIGNAL AND LICENSE-PLATE HOLDER FOR VEHICLES. JOHN E. BINNS, Nashville, Tenn., assignor of one-half to Osie E. Bell, Nashville, Tenn. Filed June 17, 1924. Serial No. 720,590. 1 Claim. (Cl. 116—45.)



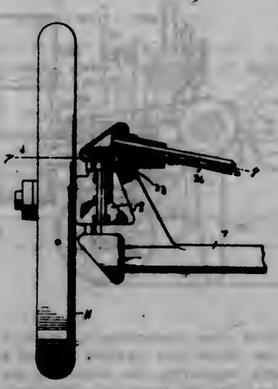
A signal light comprising a rectangular compartment having an opening in one side wall thereof of less length than such side wall and arranged centrally of the side wall, the margins of said opening having means for supporting a stencil sheet, the end margins of the opening being formed to provide inwardly projecting flanges, the ends of such side walls at the ends of the opening being perforated to form a stencil sheet, doors pivoted adjacent the opposite side wall of the casing in alignment with the ends of the opening and having their free edges movable into and out of contact with said flanges, means normally maintaining the doors in engagement with the flanges, and means for shifting said doors to place the compartments formed between the ends of the casing and the doors in communication with the central portion of the casing, the central portion of the casing being provided with an illuminating element, the last named wall of the end walls of the casing providing reflecting surfaces, the faces of the doors next adjacent the center of the casing being likewise in the form of a reflecting surface whereby said doors, when in closed position reflect light through said stencil sheet and when in the open position reflect light through the stencil sheets at the ends of the side walls.

1,577,558. PAPER FILE. CYRUS O. BROWN and RAY E. MORRISON, Douglas, Wyo., and IRA J. MANDIGO, Rapid City, S. Dak. Filed Dec. 13, 1924. Serial No. 755,748. 1 Claim. (Cl. 129—16.7.)



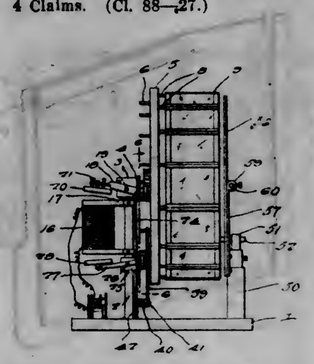
In a paper file, a backing having an extension for fastening edges of papers, the said extension having a portion folded downwardly on the inner surface of the backing, the said extension being doubled on itself to form a pleat, the layers of the said pleat having coinciding apertures for the reception of fastenings, a further portion of the extension being folded inwardly to form an accordion pleat and the said extension at its edge remote from the backing being doubled on itself with the edge folded inwardly, the said inwardly folded portion lying parallel with the surface of the backing, and a fastening having a head portion lying between the last-mentioned folds and having tangs extending through the aperture of the inturned edge and the apertures of the first-mentioned pleat.

1,577,559. MOTOR VEHICLE. WALTER P. BUDD, Pittsburgh, Pa. Filed Jan. 21, 1925. Serial No. 3,850. 5 Claims. (Cl. 280—91.)



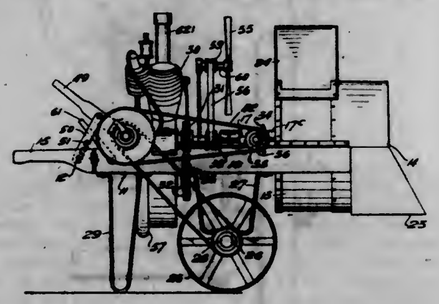
1. The combination with a four wheel driven automobile, of means for steering the rear wheels thereof including a steering wheel, operative connections between the steering wheel and rear wheels, and means for normally holding the rear wheels against steering movement, said means including spring pressed latch elements normally engaging a part of the wheel driving means, rods connected with the latch elements and operating means connected with the rods for retracting the latch elements from the part of the wheel driving means.

1,577,560. ADVERTISING DEVICE. ALBIMS CARRIER, Van Buren, Me., assignor of one-eighth to J. B. Pelletier, one-fourth to Eugene J. Lebrun, one-fourth to Cyr R. Violette, and one-fourth to L. Y. Violette, all of Van Buren, Me. Filed Jan. 7, 1925. Serial No. 1,049. 4 Claims. (Cl. 88—27.)



2. An advertising device comprising a rotatable member, a ratchet wheel fixed for rotation with the rotatable member, a pivotally mounted lever, a pawl on the lever for engagement with the ratchet wheel, a plurality of spaced pins mounted in circumferential relationship on the rotatable member about its axis, a second pivotally mounted lever, means on the second lever adapted to cooperate with the pins, an electromagnet mounted between said levers and adapted, when energized, to swing the levers for producing a cooperation of the pawl with the ratchet wheel and the means on the second lever with said pins for effecting a step by step rotation of the rotatable member.

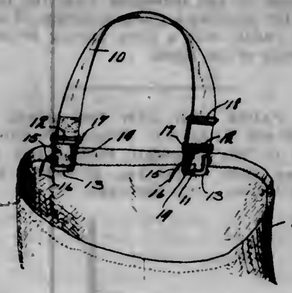
1,577,561. SNOWPLOW. RICHARD T. CHILDS, Portland, Me. Filed June 19, 1924. Serial No. 720,922. 14 Claims. (Cl. 37—43.)



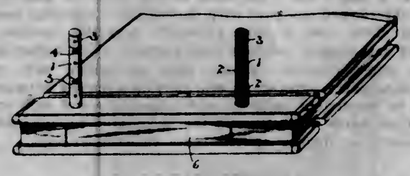
1. A snow plow comprising a frame, a shovel at one end of the frame and handles formed at the opposite end, wheels supporting the shovel in spaced relation to the ground when the frame is in horizontal position, said wheels being located substantially midway between the shovel and handles.

1,577,562. COTTON-SACK STRAP. JAMES H. COOPER, Snyder, Okla. Filed Mar. 12, 1925. Serial No. 15,106. 4 Claims. (Cl. 150—2.)

2. Means for attaching the ends of supporting straps to the top of a cotton picking bag comprising a clamp formed of a folded piece of metal between which the top of the bag is to be inserted, the metal being provided at its fold with a bead and the two parallel pieces of metal having registering perforations at a plurality of points, a link engaged with the bead, and a flexible element adapted to be threaded through the perforations and through the edge of the bag, the perforations on both sides of the clamp being struck up in the same direction.



1,577,563. LOOSE-LEAF BINDER. ROBERT J. COPELAND, Toronto, Ontario, Canada. Filed May 22, 1924. Serial No. 715,232. 3 Claims. (Cl. 129—8.)



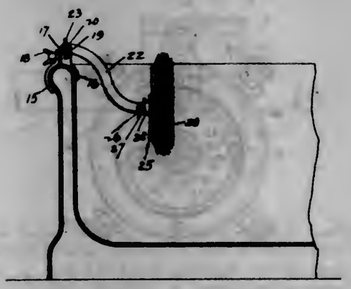
1. In a loose leaf binder, the combination with the sheets and posts secured to the binder back, of tubular posts formed in short lengths adapted to slip over the aforesaid posts to receive and hold the perforated sheets, said tubular posts having interlocking ends.

1,577,564. NECKTIE. WILLIAM COPLAN, Baltimore, Md. Filed Oct. 17, 1925. Serial No. 63,027. 9 Claims. (Cl. 2—146.)



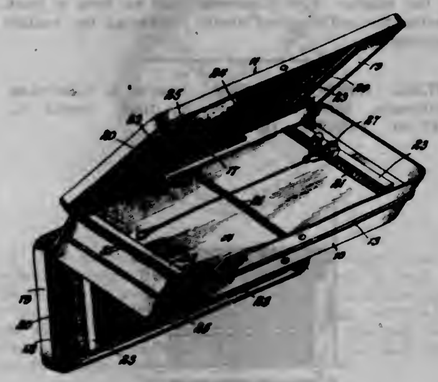
1. A necktie formed of bias cut material, a lining therefor also cut on the bias, and a reinforcing tape, one portion of said tape being sewed to the tie, and the remaining portion of the tape extending through the remaining portion of the tie but freely movable with respect to the latter portion.

1,577,565. BATH BRUSH. VINNIE FLORENCE CERROAN, Los Angeles, Calif. Filed Mar. 10, 1925. Serial No. 14,529. 2 Claims. (Cl. 4—184.)



1. In combination, a clamp comprising a pair of jaws adjustable with respect to each other, a pair of ears upon one of the jaws, an arm having one end extending between the ears, a bolt and nut extending through the ears in the arm of pivotally supporting the arm on the clamp and for securing the former in any adjusted position on the latter, and a brush adjustably mounted on the arm.

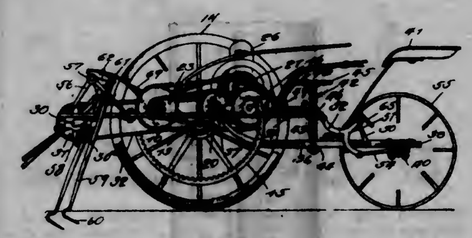
1,577,566. ANGLER'S ARTIFICIAL-FLY CASE. DONALD STEVENS CRYDER, State College, Pa. Filed Aug. 6, 1924. Serial No. 730,431. 1 Claim. (Cl. 43—32.)



An artificial fly case having a puncturable strip into which flies are adapted to be hooked, and a band extending along one face and opposite ends of said strip and embracing the same, the ends of the band being angularly bent and secured to the case, said band being permanently mounted in place and holding by friction the said strip which may be readily removed for the insertion of a new strip.

1,577,567. TRACTOR CULTIVATOR. CHARLES R. DAVID, Tiernan, Oreg. Filed Sept. 19, 1923. Serial No. 663,647. 4 Claims. (Cl. 97—19.)

1. In a cultivator, a supporting frame, a crank shaft arranged transversely of the frame, a shaft arranged above and rearwardly of the crank shaft, arms loosely mounted upon the shaft, hoes having the shanks thereof connected intermediate their ends to the throws of said crank shaft, a connection between the upper end of the hoe shank and said arms, the connections of said hoe shanks with said crank throws and with said arms permitting lateral shifting of the arms upon the shaft to thereby adjust the point of engagement of said hoes with the ground, and means for adjusting said arms upon said shaft.

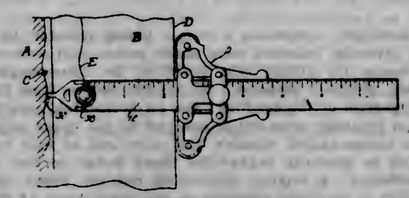


1,577,568. SPRING JACK. LORENZO C. DENSLOW, Falls Church, Va. Filed Mar. 1, 1924. Serial No. 696,281. 6 Claims. (Cl. 179—96.)



5. A spring jack including a base having an opening, a contact carried by the base, and another contact inclining away from the base over the former contact to normally engage therewith and having its free end disposed to impinge a side of a plug inserted through said opening, the latter contact being movable by the plug away from the base out of engagement with the former contact.

1,577,569. GAUGE AND SCRIBING TOOL. ALFRED J. DONLEY, Bridgeport, Conn. Filed May 12, 1924. Serial No. 712,678. 2 Claims. (Cl. 33—42.)

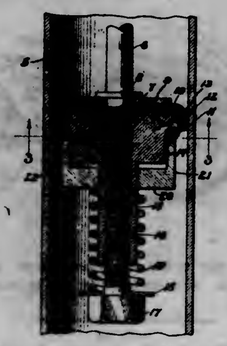


1. In a tool of the character described, a rule, a metallic piece having a surface follower, said piece being carried by said rule, and a ferrule securing said metallic piece to said rule, said ferrule being adapted to receive a pencil.

1,577,570. PUMP. FRED EGLI, Alliance, Ohio. Filed Aug. 20, 1925. Serial No. 51,445. 5 Claims. (Cl. 74—109.)

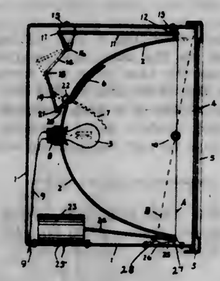
1. The combination with a pump rod and a flexible cup adapted to be secured thereto and to engage the wall of the pump cylinder, of means for clamping said

cup comprising a head secured to the end of the pump rod and having a conical base portion and a stem portion, a contractile coiled spring encircling said conical



base portion, and means supported by said stem and yieldably urging said spring against the inside of the cup rim to cause said rim to bear against the wall of the cylinder.

1,577,571. TILTING SHADE-DIMMER HEADLIGHT. FRANK FOLEY, Clarksburg, W. Va. Filed Feb. 3, 1925. Serial No. 6,555. 1 Claim. (Cl. 240—41.)



A headlight, comprising a case, a tilting reflector, having a pivotally attached lamp shade within said reflector and means for tilting said reflector; an obtuse-angled member, pivotally suspended by bracket means, from the upper portion of the headlight case; a horizontal connecting rod pivotally attached at one end to the upper angle of the obtuse-angled member, the other end of said rod adapted to pivotally engage the upper flange portion of the reflector; a vertical connecting rod the upper end of which is pivotally attached to the lower angle of the obtuse-angled member, the lower end of said rod adapted to pivotally engage the lever connection of the lamp shade; and by means of said connections and the tilting of the reflector, the said lamp shade is automatically raised and lowered as shown and described.

1,577,572. TIMER BRUSH. MILTON FORDER, Thief River Falls, Minn., assignor to William H. Forder and Milton H. Forder, both of Buhl, Minn. Filed Apr. 25, 1924. Serial No. 709,027. 4 Claims. (Cl. 200—26.)

2. In a timer mechanism, the combination of a timer cam shaft, a hub therefor, means for removably securing the hub to the shaft, said hub having a laterally projecting wing with a radial slot therein enlarged at its inner end, and a flat spring having a brush at its outer end and having its inner end turned at an angle to the

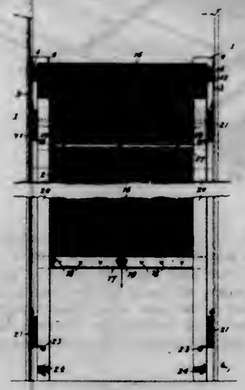


body portion of the spring and formed with an enlarged end fitting within said slot and removably held therein by the same means which secures the hub to the shaft.

1,577,573. PROCESS OF RECOVERING OXALATE FROM THE TREE BARKS. WILLIAM ADOLF FRAYMOUTH, Bhopal, Central India, assignor to The Bhopal Produce Trust Limited, Bhopal, Central India, a Company incorporated in Bhopal State. Filed Nov. 30, 1923. Serial No. 677,888. 16 Claims. (Cl. 260—122.)

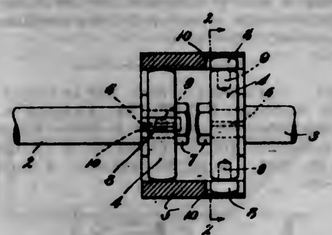
1. The process of obtaining oxalates from the Terminalia Arjuna, or like trees, which consists in crushing or grinding the bark so as to liberate contained oxalate crystals, mixing it with sufficient water, and then agitating the mixture with a gaseous fluid to form a froth carrying the oxalate, and finally recovering the oxalate therefrom.

1,577,574. WINDOW SCREEN. AUGUST A. GABSINGER, Baltimore, Md. Filed July 25, 1921. Serial No. 487,391. 3 Claims. (Cl. 156—39.)



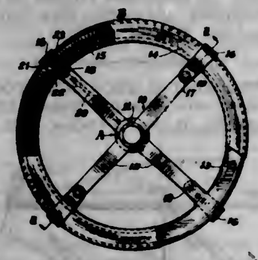
1. A mounting for a roller carried screen comprising an angle iron frame, a plate hingedly connected to the frame for engaging the longitudinal edges of the screening when the same is unwound from the roller, and means carried by the plate and adapted to engage over the edge of the frame for holding the plate away from the screening.

1,577,575. SHAFT COUPLING. HERMAN R. GRIGGS, Bronxville, N. Y. Filed Jan. 16, 1923. Serial No. 612,893. 5 Claims. (Cl. 64—90.)



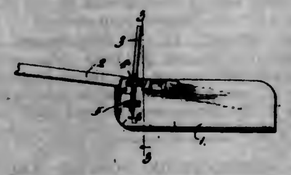
1. In a shaft coupling, a coupling member comprising a hub adapted to be secured to one of the shafts to be connected, a ring rotatably mounted on the hub, said hub and ring being provided on corresponding faces with teeth arranged in concentric circular series, a locking-ring adapted to engage both series of teeth simultaneously and exposed for manipulation at one end of the coupling, said hub being extended through the latter ring and adapted to support it when out of engagement with the teeth, and means for removably securing said ring in locking position.

1,577,576. ELECTRICALLY-HEATED STEERING WHEEL. TYRE MARCELLUS HAMILTON, Hapeville, Ga. Filed Dec. 26, 1924. Serial No. 758,169. 2 Claims. (Cl. 219—19.)



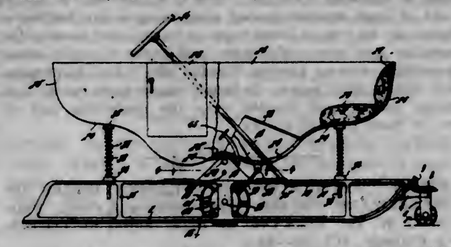
1. In a steering wheel, a relatively stationary portion including spokes carrying a metallic concaved ring, a rim of tubular insulating material mounted on and supported by the ring, a resistance coil within the tubular rim, and means for securing the rim upon the ring comprising clips embracingly engaging the rim and ring and detachably secured in place.

1,577,577. SLIP SCOOP. PHILIP H. HASKINS, Charlotte, N. C. Filed Sept. 2, 1924. Serial No. 735,484. 6 Claims. (Cl. 37—137.)



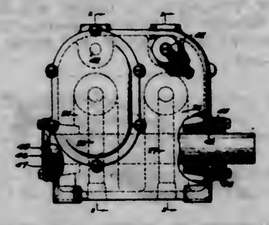
1. In combination with a slip scoop of a member rising from the scoop adjacent its rear or closed end for engaging the ground when the scoop is inverted for holding said scoop at an angle to the ground.

1,577,578. AMUSEMENT DEVICE. BALDOMERO M. HERRERA, Alfonso, Cavite, P. I. Filed Aug. 7, 1925. Serial No. 48,826. 3 Claims. (Cl. 208—33.)



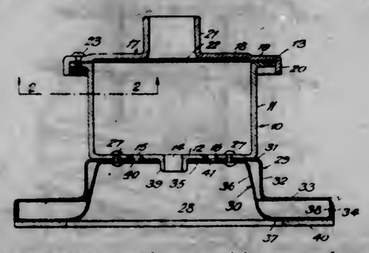
1. An amusement device including a skid provided with side runners, a guide wheel at the front of the skid and arranged below the runners thereof, a drive wheel having its shaft centrally journaled between the runners and skid and projecting below said runners, a body having its base centrally pivoted to the skid above the drive wheel, spring means for normally sustaining the body in horizontal position, said body designed, by the occupants thereof, to be imparted an up and down movement with a reciprocating motion and means between the body and the shaft of the drive wheel for turning the shaft when motion is imparted to the body.

1,577,579. MOTION-TRANSMITTING DEVICE. HORACE L. HIRSCHLER, San Francisco, Calif. Filed Jan. 21, 1924. Serial No. 687,668. 29 Claims. (Cl. 138—23.)



1. In a motion transmitting device, an actuating motor having reversely arranged cylinders and pistons therein movable relatively to the cylinders, and adapted to transmit their motion through a non-compressible fluid according to the direction in which the motive force is caused to actuate the said cylinders and pistons, and adjustable means arranged to be engaged by the cylinders for controlling the extent of relative movement of the pistons and cylinders.

1,577,580. LOUD-SPEAKER CASING. THOMAS W. KIRKMAN, New York, N. Y. Filed Jan. 17, 1924. Serial No. 686,857. 15 Claims. (Cl. 179—179.)

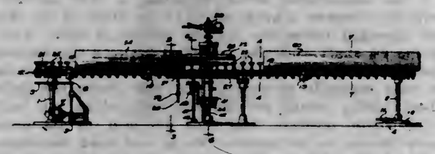


3. A loud speaker casing comprising a cup-shaped part open at its top and having a flat bottom, a cover secured to said cup-shaped part to close the top thereof, and a support attached to the bottom cup-shaped part, said

support comprising upper and lower telescoping shell members each of which is stamped up from a single sheet of material.

14. A loud speaker casing comprising a cup having a flange at its top, a diaphragm, a cover, and means for securing said cup, diaphragm and cover to each other comprising screws passing through the cover, diaphragm and flange into screw threaded engagement with said flange, and a seal molded over the projecting end of one or more of said screws.

1,577,581. APPARATUS FOR GLAZING EDGES OF GLASSWARE. ALBERT BREAKENRIDGE KNIGHT, Fairmont, W. Va. Filed Dec. 18, 1923. Serial No. 680,518. 2 Claims. (Cl. 49—58.)



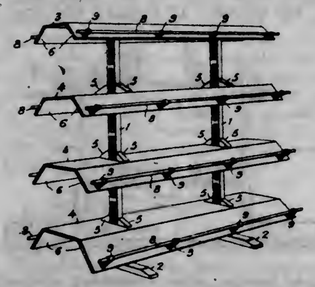
1. A device of the character described comprising a preheating hood, means for heating said hood, a heat retaining hood in alinement therewith and spaced therefrom, a conveyor adapted to move articles of glassware through said hoods, and a burner mounted between said hoods.

1,577,582. ANTISQUEAK WEB. RUDOLPH KRENZ, Buffalo, N. Y., assignor to Buffalo Weaving and Belting Co., Buffalo, N. Y., a Corporation of New York. Filed Nov. 7, 1925. Serial No. 67,506. 3 Claims. (Cl. 180—69.)



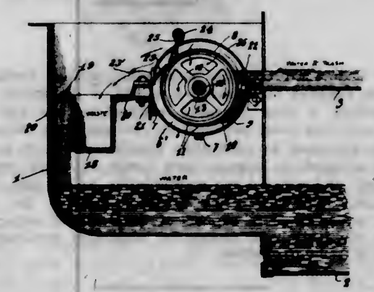
1. An anti-squeak web adapted to be arranged between opposing metal parts of an automobile, comprising superposed strips connected at corresponding longitudinal edges, one of said strips adapted to be connected by a fastening to one of said metal parts and the other strip adapted to overhang said fastening and prevent contact of the other metal part therewith.

1,577,583. DISPLAY STAND. JOHN L. MCCARTNEY, Wellston, Ohio, assignor to I. W. Warden, Wellston, Ohio. Filed June 3, 1925. Serial No. 34,709. 5 Claims. (Cl. 211—14.)



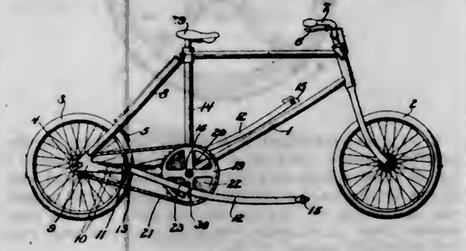
1. A display-stand comprising uprights, a plurality of shelves slidable upward and downward on said uprights, a leaf hinged to each longitudinal edge of each shelf, and means for supporting said leaves at any degree of downward inclination from the horizontal, or in a horizontal or depending vertical position, said means comprising a pair of slide-bars for the leaves of each shelf, the slide-bars of each pair being rectilinearly movable in opposite directions.

1,577,584. APPARATUS FOR SEPARATING TRASH FROM WASHING SOLUTIONS. CHARLES A. MILLER, Jr., Bainbridge, Ga., assignor to Miller Manufacturing Co., Bainbridge, Ga., a Corporation of Georgia. Filed July 26, 1921. Serial No. 487,080. 4 Claims. (Cl. 210—201.)



3. In a device of the character described, a main tank, a secondary tank leading from the main tank, an open-ended foraminous cylinder rotatably mounted in the secondary tank, a trash receiving receptacle at one side of the cylinder, the foraminous cylinder permitting water to pass therethrough, and a trash blade suitably attached to the foraminous cylinder.

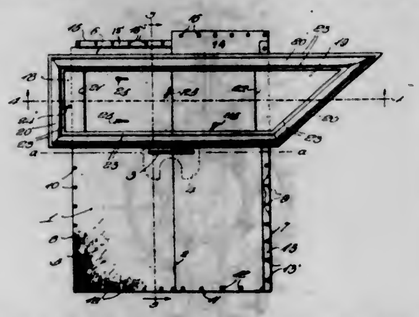
1,577,585. PROPELLING MECHANISM FOR BICYCLES. FRANCK MONTIGLIO, Wichita, Kans. Filed Sept. 22, 1925. Serial No. 57,886. 2 Claims. (Cl. 208—19.)



1. Propelling mechanism for bicycles comprising longitudinal, horizontal guideways located at either side of the rear drive wheel, slidable blocks mounted in the guideways, a drive shaft having a drive sprocket and chain connection to the rear wheel, said sprocket having a radial slot, a disc carried by the shaft on the opposite side of the bicycle and having a radial slot diametrically opposite to the first named slot, pedal levers terminally pivoted at their rear ends to said sliding blocks, and means for intermediately pivoting the levers in adjusting position in the oppositely-disposed slots in the drive sprocket and disc respectively.

1,577,586. COMBINATION PONCHO AND GROUND CLOTH. SAMUEL C. MOREHOUSE, New Haven, Conn. Filed Oct. 18, 1923. Serial No. 669,431. 5 Claims. (Cl. 5—344.)

1. An article of the character described comprising a substantially oblong rectangular sheet of water-proof material provided with a central transverse neck slit and adapted to be folded along a transverse line coincident with the slit to form the shoulder portions and the front and back portions of a poncho, a ground cloth extending transversely of the inner side of the back section of the poncho between said neck slit and the transverse edge of said poncho portion, said cloth including a hollow inflatable rim and end portions adapted to be extended beyond the longitudinal edges of the sheet and to be folded backwardly upon themselves and over upon said sheet, the longitudinal side edges of the sheet being provided with suitable means whereby similar edges of said poncho portions may be united when the sheet is folded into poncho forming condition.

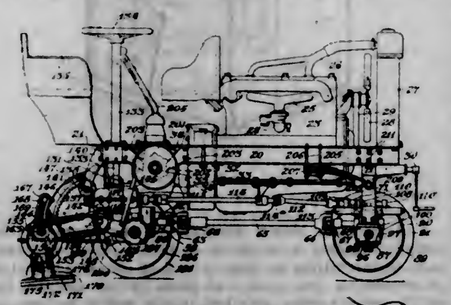


1,577,587. FURNACE-CHARGING METHOD. WILLIAM E. NEWNAM, Collinsville, Ill., assignor to National Lead Company, Jersey City, N. J., a Corporation of New Jersey. Original application filed July 27, 1922. Serial No. 577,923. Divided and this application filed July 5, 1924. Serial No. 724,369. 10 Claims. Cl. 214—152.)



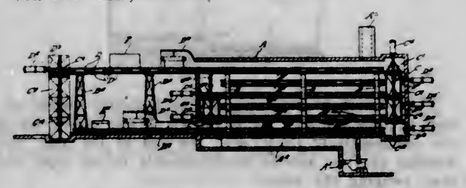
1. In the art of charging elongated furnaces, the process comprising, weighing and assembling the components of a charge to form a body of the material, transferring the body and extending the same horizontally and depositing the extended body in the furnace.

1,577,588. COMBINED TRACTOR AND ROAD VEHICLE. DARIUS T. PHILLIPS, Chicago, Ill. Filed May 3, 1923. Serial No. 636,283. 25 Claims. (Cl. 180—8.)



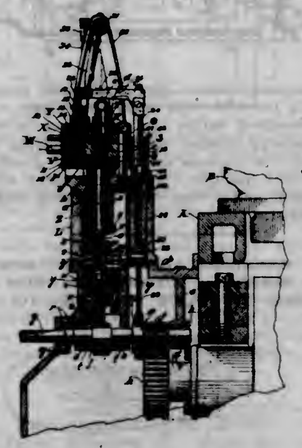
1. In an implement of the class described, the combination of a frame, front and rear ground wheels supporting the frame, transmission elements for imparting power to the rear wheels, a steering wheel, a connection for imparting steering movements to the front wheels, a foot frame, a foot secured to the foot frame, power transmission elements for imparting walking movements to the foot, and means for raising and lowering the foot frame to bring the foot out of and into ground engaging position, said means adapted to be entertained with the steering wheel and to be actuated thereby.

1,577,589. OVEN AND CONVEYING SYSTEM THEREFOR. AXEL G. J. RAPP, Chicago, Ill., assignor to Link-Belt Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 27, 1925. Serial No. 18,796. 12 Claims. (Cl. 104—128.)



4. In a conveyor system, a plurality of parallel tracks, cars arranged end to end on and movable along and completely filling each track, means for moving all the cars on each alternate track in one direction so as to force a car off the end of each such track, means for moving each car thus forced off a track into line with the next adjacent track and moving it on to such track to move all the cars thereon in a reverse direction and force a car off the end of each such track and means for moving each car thus forced off into line with the next adjacent track and repeating the movements in a reverse direction.

1,577,590. OIL PUMP FOR COMBUSTION ENGINES. GEORGE J. RATHBUN, Toledo, Ohio, assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey, jointly with the Rathbun-Jones Engineering Company, a Corporation of Ohio. Filed Apr. 25, 1924. Serial No. 708,837. 1 Claim. (Cl. 123—139.)



A pump for a combustion engine comprising the combination of a frame, a shaft having an eccentric, a tappet, a connecting rod connecting said tappet and said eccentric, a block provided with a chamber and mounted on said frame, a spring pressed plunger in said chamber arranged to be actuated by said tappet, a guide support between said frame and block for said plunger, an inlet,

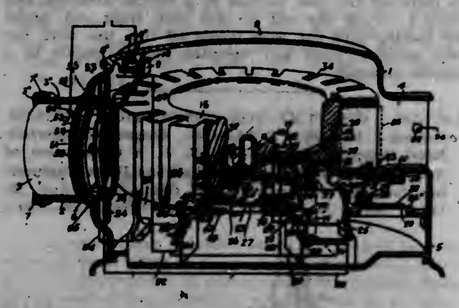
and inlet valve in said chamber inlet, and mutually engaging members on said plunger and said inlet valve to hold said valve open for a portion of the pumping stroke of said plunger, an outlet and a by-pass for said chamber.

1,577,591. METHOD OF FORMING PIPE COUPLINGS AND THE LIKE. WALTER NICKLES RINGER, Taft, Calif. Filed Dec. 16, 1922. Serial No. 607,395. 8 Claims. (Cl. 29—156.)



1. The method of making a pipe coupling, which consists in assembling an inside and an outside sleeve, which are comparatively thick, with the end of the pipe, and welding the two sleeves simultaneously to the pipe, and then swaging the same.

1,577,592. AUTOMATIC MACHINE FOR EJECTING MEMOS AND THE LIKE. JAMES RUSSELL ROBERTSON and DAVID SAMUEL ROBERTSON, Toronto, Ontario, Canada. Filed Feb. 20, 1925. Serial No. 10,685. 13 Claims. (Cl. 161—1.)



2. An automatic memo ejecting machine comprising a main casing provided with an ejecting chute, a member revolubly mounted within the casing and having radial memo containing recesses, means for revolving the member to carry the recesses successively by a step by step movement to a position opposite the inner end of the ejecting chute, and a time clock for timing such step by step movement.

1,577,593. EXTERNAL ARCH SUPPORT FOR SHOES. LAZARUS ROSENTHAL, Pittsburgh, Pa. Filed July 29, 1924. Serial No. 728,879. 3 Claims. (Cl. 36—76.)



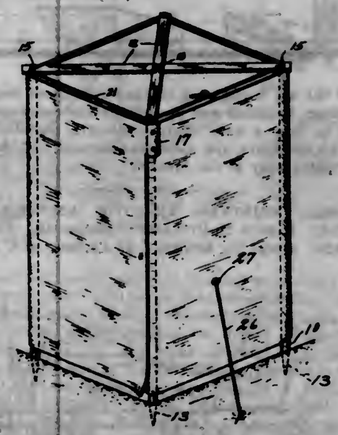
1. An arch support adapted to be secured to the shank of a shoe comprising a resiliently compressible elongated body having a rear portion of substantially constant thickness throughout its length, a tapering forward portion, and a button of less length and width than the body projecting from the lower face of said rear portion thereof.

1,577,594. COMPRESSOR FOR GASES. NORMAN M. SMALL, Waynesboro, Pa., assignor to Frick Company, Waynesboro, Pa., a Corporation of Pennsylvania. Filed Sept. 24, 1924. Serial No. 739,719. 4 Claims. (Cl. 230—24.)



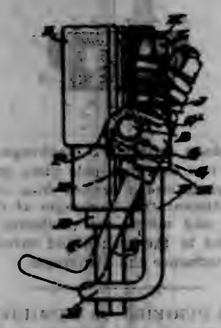
1. A compressor for gas comprising a cylinder, a piston, a cylindrical clearance pocket opening into the cylinder adjacent the end of the stroke of the piston, and a plunger in the cylindrical clearance pocket adjustable lengthwise thereof without stopping the compressor to vary the rate of operation of said compressor, substantially as set forth.

1,577,595. PORTABLE TOILET. NELLIE B. SMITH, Englewood, Colo. Filed Aug. 27, 1925. Serial No. 52,875. 6 Claims. (Cl. 4—116.)



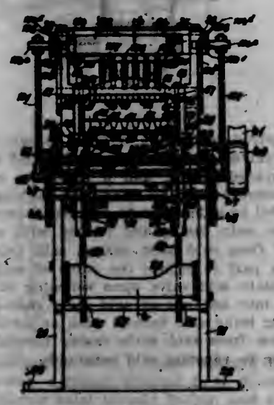
1. A portable closet structure of the character described including a plurality of posts, each post being made in interfitting sections, a wall of canvas adapted to go around all four posts and form an end closure, the middle portion being attached to the middle sections of the posts, means for bracing the upper ends of the posts from each other to thereby keep the canvas stretched taut, and a seat operatively supported upon said posts.

1,577,596. STEEL RETAINER FOR ROCK DRILLS. WILLIAM A. SMITH, Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed May 20, 1925. Serial No. 31,506. 3 Claims. (Cl. 121—82.)



1. In a steel retainer for rock drills, the combination of a front head having cylindrical trunnions, blocks pivoted on said trunnions, a yoke to partly encircle a drill steel, a pair of rearward extensions on said yoke slidable through said blocks, a collar on each extension to limit movement of the extensions in one direction, springs about said extensions to absorb blows of the drill steel against the yoke and to hold the collars against the block, and means on said blocks to engage the front head for holding the yoke in retaining and releasing positions.

1,577,597. MOLDING MACHINE. HERMAN SONNENBERG, Middle Village, N. Y. Filed Oct. 2, 1924. Serial No. 741,190. 10 Claims. (Cl. 25—6.)



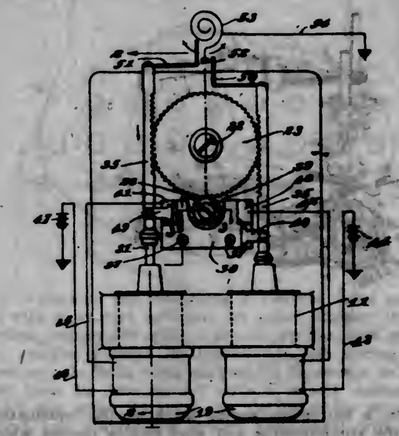
1. In a molding machine the combination of a table, connected thereto, a bottom mold supported on said table, a cross head guided in the machine, an upper mold depending from said cross head, a cam shaft journaled in the machine, means to turn the shaft, a pair of cams fastened to the cam shaft, a pair of guided reciprocating members in the machine, connections between said members and the cross head, said cams adapted to reciprocate said members, a second reciprocating cross head in the machine and plungers depending from the second cross head coacting with both of said molds.

1,577,598. HAIR WAVER. MARGARET B. SYLVA, Springfield, Ill. Filed Feb. 18, 1925. Serial No. 8,982. 7 Claims. (Cl. 132—38.)



1. A hair waver, a body portion having parallel slots therein, said slots having angular end portions and arcuate bearing surfaces between said slots and removable bars adapted to be positioned within said slots.

1,577,599. ELECTROMAGNETIC VALVE. EUGENE T. VINCENT, Boston, Mass. Filed Dec. 10, 1923. Serial No. 679,787. 1 Claim. (Cl. 236—75.)



In an electromagnetically operated valve structure, the combination of a valve, including a rotatably mounted valve stem, a pinion secured to one end thereof, a rotatably mounted gear associated with said pinion, a pair of solenoids, a plunger armature for each solenoid, a rack bar connected to one end of each plunger armature, said rack bars meshing with said gear on opposite sides thereof, independent controlling circuits for each of said solenoids, a thermostat associated with said solenoids controlling a break point in each of the independent circuits, a switch in each of said controlling circuits, and a switch arm for each of said switches and mounted on the rack bars, the thermostat controlling the operation of the controlling circuits alternately.

1,577,600. EXTENSION TABLE. ANTHONY VOLPI and FRANK PANE, Dunmore, Pa. Filed Mar. 10, 1924. Serial No. 698,242. 1 Claim. (Cl. 45—114.)

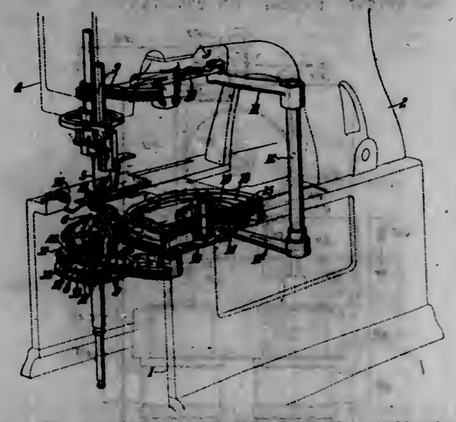
In an extensible table, fixed leg supported and extensible top sections, parallel bars secured to the under face of the fixed top section and provided with horizontally arranged substantially U-shaped slots, flexible parallel strips carried by the opposite ends of the extensible section, a plurality of parallel strips extending entirely across the extensible top section and having their

ends connected to the flexible strips to integrally support the latter, such strips extending through the U-shaped slots and adapted for movement therein, members carried by the bars and extending laterally therefrom along the inner edge of the slots, sets of rollers carried by the



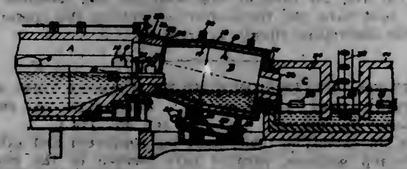
under face of the strips and disposed upon opposite sides of the bars and movable over the said members, and spring urged rollers supported upon the under face of the fixed top section and bearing against the under face of the strips.

1,577,601. STAY-CORD GUIDE FOR BUTTONHOLE-SEWING MACHINES. EDWARD B. ALLEN, Newtown, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Apr. 8, 1925. Serial No. 21,468. 10 Claims. (Cl. 112—161.)



1. In a buttonhole sewing machine, the combination with the stitch-forming and work-holding devices which are relatively movable to sew about a buttonhole, of an under stay-cord guide adapted to deliver and laterally position a stay-cord within the range of action of the stitch-forming devices, said guide being movable laterally of the direction of seam-formation during the sewing operation.

1,577,602. PROCESS AND APPARATUS FOR REFINING GLASS. WALTER O. AMSLER, Toledo, Ohio. Filed Mar. 30, 1925. Serial No. 19,265. 12 Claims. (Cl. 49—54.)



1. The process which consists in melting glass, introducing the molten glass into one end of a refining pool, refining the glass in the pool while rolling it about the longitudinal axis of the pool, and discharging the refined glass from the other end of the pool.

1,577,603. TELEPHONE RECEIVER. PAUL G. ARCHER, River Forest, Ill., assignor, by mesne assignments, to Automatic Electric, Inc., Chicago, Ill., a Corporation of Delaware. Filed May 8, 1922. Serial No. 559,378. 9 Claims. (Cl. 179—115.)



1. In a telephone receiver, a diaphragm, a permanent magnet having two soft iron pole piece extensions adjacent the diaphragm and a branch from one of said extensions also adjacent the diaphragm at the geometrical center thereof, and means for producing variations in the magnetic flux in the branch and extension of which it is a part to influence the diaphragm.

1,577,604. AIR PURIFIER OR HUMIDIFIER AND INHALER. ADOLPH BAUER, Newark, N. J., assignor to Richard C. Jenkinson, doing business as R. C. Jenkinson & Co., Newark, N. J. Filed Mar. 20, 1924. Serial No. 700,496. 6 Claims. (Cl. 167—3.)

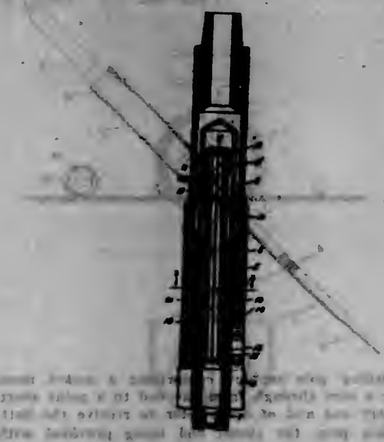


2. A vaporizer comprising a main casing to be connected to a valved source of vaporizing fluid and having a screw threaded outlet, and a vaporizer casing containing a substance to be vaporized having one end screw threaded to adjustably fit into said screw threaded outlet of the main casing and formed with an inlet to receive fluid from said main casing, said vaporizer casing having a part to engage the valve of said source of fluid to regulate said valve upon screwing of the vaporizer casing into and out of said main casing, said vaporizer casing being also formed with an outlet whereby fluid may flow from said main casing through said vaporizer casing to vaporize said substance.

1,577,605. COMBINATION CORE BARREL AND REAMER. HARRY E. BUCKER, Bren, Calif., assignor to Regan Forge and Engineering Company, Inc., San Pedro, Calif., a Corporation of California. Filed Mar. 7, 1923. Serial No. 623,555. 4 Claims. (Cl. 255—72.)

1. A rotary core drill comprising an outer tubular member having a plurality of vertically disposed reamer cutting blades secured to the end thereof, an annular boring bit detachably secured to the lower end of the tubular member and below the reamer blades, a sectional core barrel mounted within said tubular member for relative rotation therewith, and a valve cap for said core barrel, a cap member of greater diameter than said core

barrel secured to said within said tubular member, whereby to protect the core barrel from wash water during the operation of the drill, said tubular member provided



with fluid outlets leading from the hollow cap and tubular member to the exterior surface of the tubular member adjacent the boring bit and reamer blades.

1,577,606. CRANE. EARL T. BENNINGTON, Willoughby, Ohio, assignor to The Cleveland Crane and Engineering Company, Wickliffe, Ohio, a Corporation of Ohio. Filed Mar. 14, 1923. Serial No. 624,939. 7 Claims. (Cl. 212—134.)



1. In combination with a crane adapted to be moved along a runway, a trolley adapted to be moved along the crane, an electric hoist in said trolley, and a rigid member extending down from the trolley and carrying hoist controlling switches.

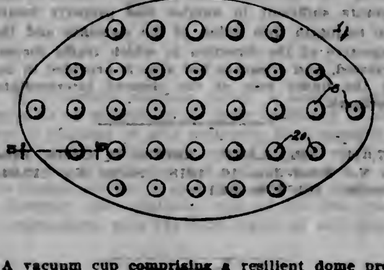
1,577,607. FIRE-TRUCK APPARATUS. JACOB B. BLAW, Atlantic City, N. J. Filed Feb. 4, 1924. Serial No. 690,419. 3 Claims. (Cl. 169—25.)

1. The combination with a truck of a water main arranged along the length thereof and provided with a plurality of lateral valved outlets in transverse spaced opening to the circumferential extremity of the truck and said main also having an inlet for receiving water supply, a plurality of fire nozzles universally supported at the outside of the truck and spaced along its length at a distance from the outer side thereof, said nozzles detachably positioned and arranged for throwing streams of water in all directions and from one side of the truck over the same to the other side thereof, means for clamping the fire nozzles rigidly in their various posi-



tions of adjustment whereby a plurality of streams may be directed upon a fire occurring at either side of the truck and continued as to direction without immediate attention of firemen, and flexible hose sections arranged entirely at the outside of the truck and extending from the fire nozzles and detachably connected with the lateral outlets of the water main.

1,577,608. BATH MAT AND THE LIKE. FREDERICK C. BROWER, Los Angeles, Calif. Filed Sept. 4, 1924. Serial No. 735,877. 4 Claims. (Cl. 4—185.)



1. A vacuum cup comprising a resilient dome provided with a central aperture, an outer annular lip for suction engagement with a smooth surface, and an inner annular integral lip immediately surrounding said aperture; the dome being adapted for depression to bring said inner lip into contact with a smooth surface on which the outer lip rests and the inner lip being resilient and adapted for suction engagement with such surface.

1,577,609. CHANGEABLE SIGN. ROWLAND N. CHUBB, Los Angeles, Calif. Filed Apr. 30, 1924. Serial No. 710,073. 6 Claims. (Cl. 40—28.)



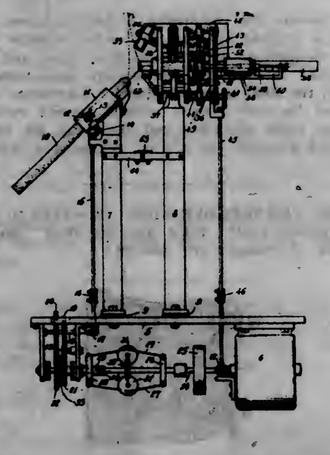
1. In a sign, a plate provided with a plurality of openings arranged in line formations, the openings being spaced apart and the width of each opening being greater than the width of the intervening spaces, and a sectional shutter for each opening having its sections adapted to be moved into superimposed relationship to each other into an adjacent intervening space to uncover said opening.

1,577,610. PAVING OR FLOORING. ERNEST CLARK, New York, N. Y., and DANIEL T. GILMARTIN, Jr., East Orange, N. J. Filed Aug. 7, 1924. Serial No. 730,635. 5 Claims. (Cl. 94—6.)



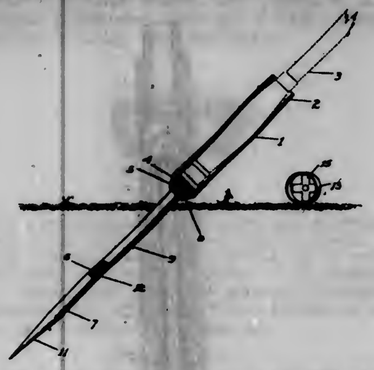
1. A paving or flooring comprising, a bed of hardened plastic material, and a plurality of rubber surface elements intimately united therewith, each element being provided, on its under face, with a plurality of projections composed of substantially the same material as the element itself, the projections being so formed as to embody within themselves substantial anchoring properties and constituting the sole means of securing the element to the bed, a plurality of said projections being spaced from the edges of the element and so arranged that, on any sectional plane substantially parallel to the paving or flooring surface and passing through a projection, continuous strips of substantial width of bed material extend from each side of each element to the opposite side thereof, and pass between a plurality of said projections spaced from the edges of the element, whereby the elements are secured to the bed material at points sufficient in number and properly located so as to maintain firm union of the elements and the bed irrespective of the direction in which traffic forces may be exerted, and adequate bed area is provided in contact with the under side of the element intermediate the projections.

1,577,611. ARC LAMP. ARTHUR P. DAVIS, Brooklyn, N. Y. Filed Jan. 16, 1918. Serial No. 212,043. 9 Claims. (Cl. 176—51.)



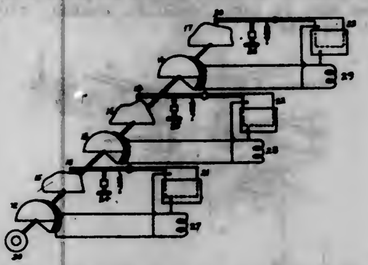
1. In an arc lamp, a support for an electrode, a feeding member extending substantially transverse to the electrode, means for reciprocating the feeding member over a path extending substantially transverse to the electrode and means for causing the feeding member to engage the electrode when moved in one direction and disengage it when moved in the other direction; substantially as described.

1,577,612. FISHING-POLE SUPPORT. JOHN W. DUNN, Stockton, Calif. Filed Jan. 16, 1925. Serial No. 2,880. 1 Claim. (Cl. 248—37.)



A fishing pole support comprising a socket member having a bore through from one end to a point short of the other end and of a diameter to receive the butt of a fishing pole, the closed end being provided with a threaded orifice, and a spike threaded for engagement with the said threaded orifice and of a length to be received and enclosed within the socket member.

1,577,613. RADIO RECEIVING APPARATUS. FRANCIS W. DUNMORE, Washington, D. C. Filed Feb. 4, 1925. Serial No. 6,898. 6 Claims. (Cl. 250—40.)



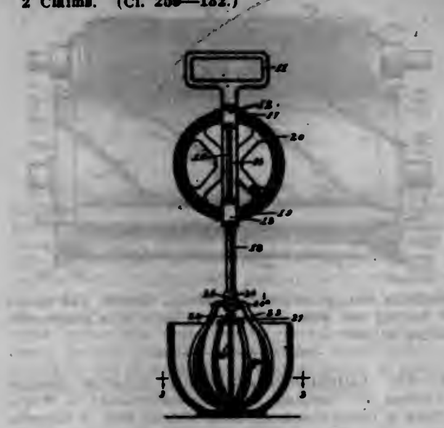
2. The combination in a radio receiving device of cams rotating on the same shaft with continuously variable condensers, each of said condensers being so connected mechanically as to be both varied by one manual control, said condensers having connected in parallel with them continuously variable compensating condensers whose capacities are caused to vary dependent upon the shape of the respective cam to which they are connected.

1,577,614. ATTACHMENT FOR CANOES. CHARLES L. EDWARDS, Hackensack, N. J. Filed Nov. 12, 1924. Serial No. 749,542. 6 Claims. (Cl. 114—123.)



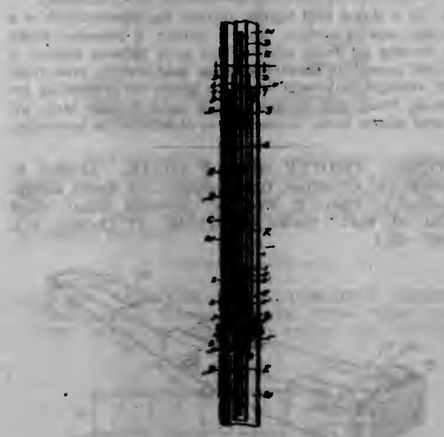
1. An attachment for water-craft comprising a pair of sponsons, an angle bar extending longitudinally of said sponsons and connected therewith, and U-shaped clamps formed integral with said bar for attaching the same to the sides of the craft.

1,577,615. EGG BEATER. HARRY LE ROY EMERY, Peoria, Ill., assignor of one-half to Earl H. Jeffries, Peoria, Ill. Filed June 9, 1924. Serial No. 718,709. 2 Claims. (Cl. 259—132.)



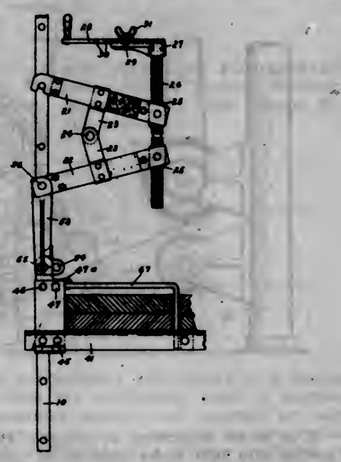
1. In combination, concentrically arranged driving members, the end of the inner member extending beyond the outer member, a collar on each member, each collar being slidably adjustable on its respective member independent of the other, beater members fastened to said collars at one end and journaled at their other end on the inner driving member, whereby each beater may be expanded outwardly independent of the other, in order that the spacing between the oppositely rotating beater members may be varied.

1,577,616. METHOD AND MEANS FOR PUMPING DEEP WELLS. CARL B. FARRIS, Los Angeles, Calif. Filed Nov. 6, 1923. Serial No. 673,157. 6 Claims. (Cl. 103—41.)



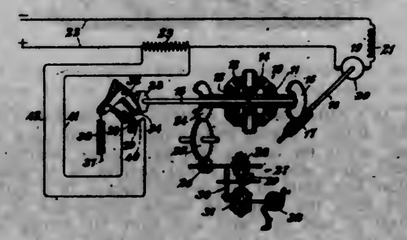
1. In a deep well pump a working barrel, and a plurality of spaced reservoirs attached to the exterior of said barrel, and means for affording communication between said reservoir and the interior of the working barrel near the bottom of the reservoir, and for affording communication between the upper ends of said reservoirs and the well.

1,577,617. SCAFFOLD HOIST. WALTON C. FERRIS, Lincoln, Nebr., assignor to National Manufacturing Company, Lincoln, Nebr., a Corporation of Nebraska. Filed Sept. 25, 1925. Serial No. 58,564. 14 Claims. (Cl. 304—18.)



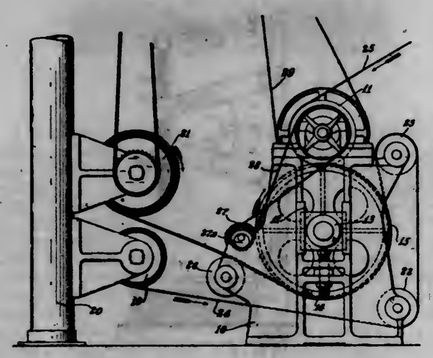
1. In a scaffold hoisting device, a support which is adapted to be secured at its upper extremity to an outrigger, a plurality of pins projecting from opposite sides of said support, a platform, means on said platform for engaging one of said pins, and a machine which is adapted to engage another of said pins and said platform and to disengage said platform and to lift the platform into engagement with the next higher of said pins.

1,577,618. SPEED-REGULATING MECHANISM. HANNIBAL C. FORD, Jamaica, N. Y., assignor to Ford Instrument Company, Inc., a Corporation of New York. Filed May 6, 1922. Serial No. 558,961. 13 Claims. (Cl. 171—229.)



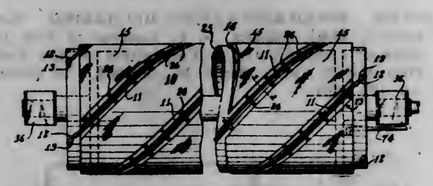
1. In speed regulating apparatus, a prime mover, an epicyclic gear train to one member of which the prime mover is connected, speed limiting mechanism connected to another member of the gear train, means for applying a substantially constant torque to a third member of the gear train, means for altering the speed of the prime mover, and means actuated by movement of the third member for controlling the speed altering means.

1,577,619. ROTARY CUTTER. JOHN R. GAMMETER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed June 2, 1921. Serial No. 474,320. 27 Claims. (Cl. 164—68.)



1. A cutter comprising an elongate knife, means for holding said knife under longitudinal tension, a resilient backing underlying said knife, and a platen member adapted progressively to meet the cutting edge of said knife in rolling contact.

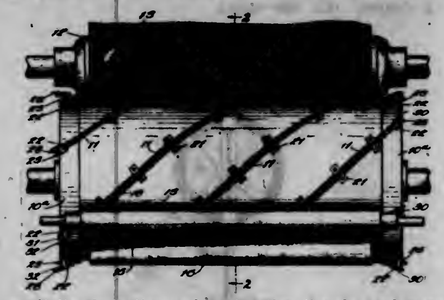
1,577,620. ROTARY CUTTER. JOHN R. GAMMETER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed May 25, 1922. Serial No. 563,570. 25 Claims. (Cl. 164—68.)



1. In a cutter for sheet material, the combination of a rotary drum, a flexible knife wound helically upon said drum, means for holding said knife under longitudinal tension upon said drum, a roll adapted to be pressed against said knife in face-to-edge contact, in a cutting action upon the work, and means independent of the contact of said roll with said knife for driving said drum and said roll at the same peripheral speed.

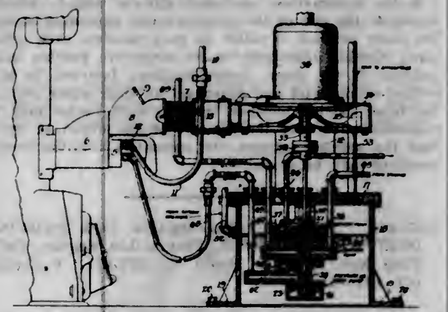
1,577,621. CUTTER FOR SHEET MATERIAL. JOHN R. GAMMETER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Apr. 16, 1924. Serial No. 706,843. 10 Claims. (Cl. 164—68.)

1. In a cutter for sheet material, the combination of a knife-holding member formed with a knife-receiving slot of substantially uniform width throughout its knife-receiving region, an upstanding, strip-metal knife of substantially uniform thickness slidably mounted in said slot, means for so holding the knife in the slot as to



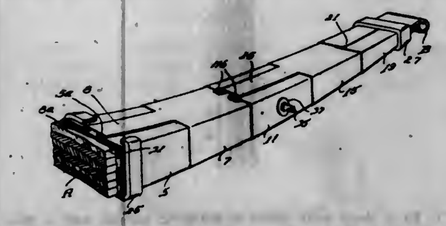
permit its elongation and contraction therein, and means for forcing the work against said knife in a progressive cutting action.

1,577,622. LIQUID-FUEL BURNER. RALPH M. GASTON, Chicago, Ill., assignor, by mesne assignments, to Wayne Tank & Pump Company, Fort Wayne, Ind., a Corporation of Indiana. Filed Jan. 2, 1924. Serial No. 683,856. 17 Claims. (Cl. 158—360.)



1. In a liquid fuel burner system, the combination of a storage tank, a service tank, a burner, a pressure pump for forcing oil from said service tank to said burner, a suction pump for supplying oil to said service tank from said storage tank, and a return pump for returning excess oil from said service tank to said storage tank, all of said pumps being connected for simultaneous operation.

1,577,623. VEHICLE SPRING COVER. ALBERT R. GOLDRICK, Cleveland, Ohio, assignor, by mesne assignments, to Albert E. Hodgins, Cleveland, Ohio. Filed Oct. 30, 1922. Serial No. 597,749. 17 Claims. (Cl. 267—37.)



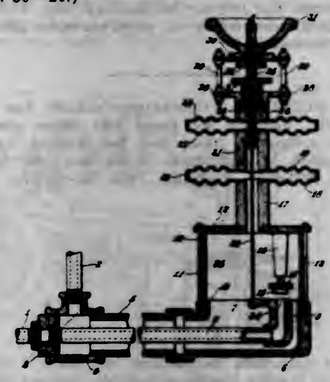
1. In a vehicle spring cover, the combination of an inner inbricant impervious lining surrounding the spring laminations, and an outer metallic casing comprising a plurality of inter-engaging sections, each section provided with means for engaging longitudinal flanges formed on the adjacent section.

1,577,624. FUR CLASP. SAMUEL GOLDSTEIN, New York, N. Y. Filed Feb. 11, 1922. Serial No. 535,677. 3 Claims. (Cl. 2—65.)



1. A fur clasp comprising pivoted upper and lower jaw members, the upper jaw member including downwardly turned pintle-bearing flange portions, the lower jaw member comprising a unitary piece provided with spaced integral upstanding pintle-bearing ear portions, each ear portion being longitudinally grooves to provide a recess or socket receiving a flange portion of the upper jaw, the construction being such that each ear portion provides upstanding walls located on opposite sides of a flange portion with the flange portion substantially concealed by the outer wall and a hinge pintle or pivot pin received by the said pintle-bearing portions.

1,577,625. PRESSURE REGULATOR. EDWARD C. WALKER, Kinlock, Mo., assignor to National Lead Company, New York, N. Y., a Corporation of New York. Filed Nov. 8, 1920. Serial No. 422,684. 5 Claims. (Cl. 50—21.)



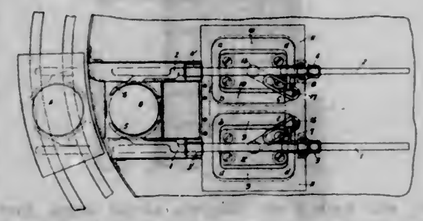
4. A fluid controlling device, comprising, a casing, a nozzle and a cooperating baffle therein, and a flexible pipe fixed at one end and supporting said nozzle at its free end, said nozzle being movable with said pipe in order to control the flow.

1,577,626. MUFFLER FOR AUTOMOTIVE ENGINES. NATHANIEL G. WARTH, Gallipolis, Ohio. Filed July 5, 1922. Serial No. 572,801. 1 Claim. (Cl. 137—160.)



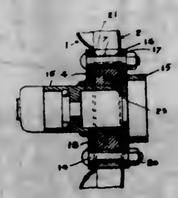
A muffler for automotive gas engines including, in combination, an elongated cooling and muffling chamber having a longitudinal axis and an outlet at one end, an imperforate cylindrical engine exhaust pipe extended into the other end of said chamber axially thereof, a funnel air collector extending externally of the chamber for freely admitting atmospheric air into said chamber, said funnel having its discharge end tapered and extending into the muffling chamber substantially beyond the end of the engine exhaust pipe and spaced from and surrounding the discharge of said engine exhaust pipe whereby the hot exhaust gas as it discharges into said cooling and muffling chamber is met with a surrounding condenser flow of cooling air.

1,577,627. MEANS FOR HANDLING PROJECTILES AND OTHER BODIES. THOMAS HERBERT WEBSTER, London, England. Filed Sept. 14, 1925. Serial No. 56,207. 3 Claims. (Cl. 198—218.)



1. Apparatus for moving a body resting on a surface or guide-way from one determinate point to another, comprising companion parallel bars disposed on each side of the body to be moved and having cooperating jaws engageable with the body, a follower connected to each bar, rectangularly slotted cams, and means for moving the followers along the slots whereby said bars are moved in unison in a cycle comprising four consecutive steps, namely, partial rotation in opposite directions, endwise movement in the same direction, reverse partial rotation and reverse endwise movement, each side of the rectangle corresponding to one step of said cycle.

1,577,628. DISK WHEEL. THOMAS WILKINSON and WILLIAM WILKINSON, Oakland, Calif. Filed Dec. 18, 1923. Serial No. 680,314. 2 Claims. (Cl. 301—63.)

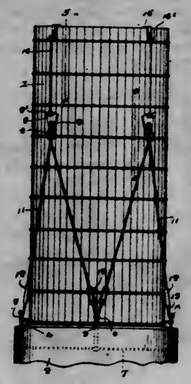


1. An automobile disk wheel constructed to be attached to the hub of an ordinary wood spoke wheel, which disk wheel embodies in its construction spaced disks having central hub openings, an annular member interposed between the disks and surrounding the hub openings, said disks and annular member having registering openings for reception of hub bolts, said disks having projections around the margins of the openings therein adapted to engage in the openings of the annular member, said annular member having the beveled face 22, one of the disks being bent inwardly at the margin of the hub opening to engage said bevcled face, and a felly band secured to said disks.

1,577,629. ANCHORING SYSTEM. ALVIN J. WINGE, Blanchardville, Wis. Filed Feb. 5, 1923, Serial No. 617,006. Renewed Jan. 22, 1926. 2 Claims. (Cl. 20—1.4.)

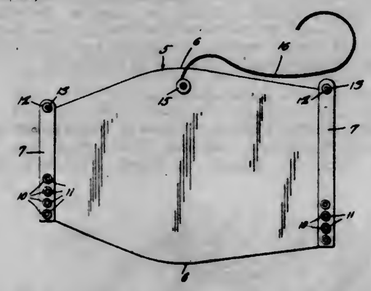
1. In a silo, anchor strips embedded in the foundation thereof, means for bolting each strip to a stave

of the silo, hooked plates bolted to other staves thereof, each plate being connected with a single stave, brace rods having their upper ends engaging the hooks of the



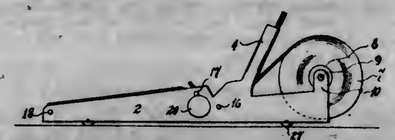
plates and their lower ends the anchor strips, turn buckles forming portions of the rods and adjustable means for connecting the plates with the top of the silo.

1,577,630. SLEEVE PROTECTOR. WILL YERGER, West Philadelphia, Pa. Filed Feb. 20, 1925, Serial No. 10,616. Renewed Jan. 8, 1926. 1 Claim. (Cl. 2—59.)



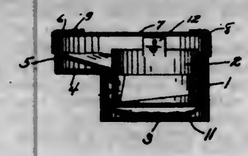
A device of the character described comprising a sheet of flexible material adapted to encircle the forearm of a human being, reinforcing strips carried by the ends thereof to engage the arm at points above the elbow and wrist respectively, a plurality of double female fastener members carried by each strip near one end, and a double male fastener carried by each strip near its other end, the male and female members on each strip being adapted to cooperate.

1,577,631. PERPETUAL DESK CALENDAR AND MEMORANDUM PAD. ALTON D. BAGGETT, RAYMOND E. MILLER, and FRANK WRIGHT, Temple, Tex. Filed Sept. 28, 1925. Serial No. 59,120. 2 Claims. (Cl. 281—6.)



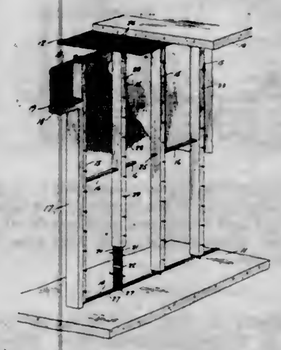
1. A device of the character described comprising, a horizontally disposed frame having interconnected upper and side walls, said upper wall being inclined from end to end and terminating short of one end of the side wall to form a pair of transversely spaced paper roll supporting arms at said one end, an upwardly inclined article supporting pocket at the end of the upper wall adjacent said arms, said upper wall having an inwardly stamped transverse channel adjacent said pocket and a longitudinal slot in the bottom of said channel, said upper wall having additional transverse slots, guide rollers beneath said upper wall, and a feed roller coacting with one of the guide rollers adjacent said slots to direct paper through said slots.

1,577,632. CAP AND COLLAR CASE. JAMES J. COLES, Los Angeles, Calif. Filed Oct. 22, 1923. Serial No. 670,175. 4 Claims. (Cl. 206—8.)



1. In a casing for caps, collars, etc., an outer container, an extension formed on the forward edge of the container, the said container being adapted to receive a cap and the extension the peak thereof, an inner container loosely positioned in the outer container so as to be mounted within the interior of the cap, and a cover member hingedly mounted on the outer container adapted to enclose the same.

1,577,633. STUDDING. CORNELIUS COLLINS, Los Angeles, Calif., assignor, by direct and mesne assignments, to Arthur W. Nash, Inc., Los Angeles, Calif., a Corporation of California. Filed Nov. 30, 1923. Serial No. 677,669. 4 Claims. (Cl. 72—115.)

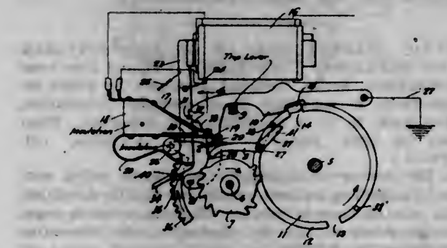


1. A stud comprising a metallic channel bar covered by a comparatively soft cementitious body, said bar being provided with bendable attachment prongs supported thereby projecting through said body.

1,577,634. SIGNAL TRANSMITTER. FRED E. DETMERS, Los Angeles, Calif., assignor to Lewis Degen, Pasadena, Calif. Filed Mar. 20, 1924. Serial No. 700,581. 6 Claims. (Cl. 177—361.)

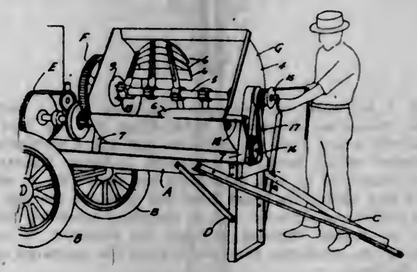
1. In a non-interference ground connection transmitter, the combination of a signal transmitting train having a stop and starting means, a signal key, means

actuated by said train to operate said key, a ground connection comprising a control switch having a pair of relatively movable contacts, non-interfering means to maintain said key closed during movement of said train at the tripping of the latter, said non-interfering means having an actuating member to cause one of said movable contacts to be moved to break position upon said



non-interfering means being in line releasing position and to be moved toward make position upon said non-interfering means being in line control position, the other of said movable contacts being positioned by said stop means in make position when said stop means is in train releasing position and in break position when said stop means is in train stopping position.

1,577,635. POWER DUMP STRUCTURE. NEWMAN ESSICK, Los Angeles, Calif. Filed Oct. 20, 1925. Serial No. 63,691. 4 Claims. (Cl. 83—73.)

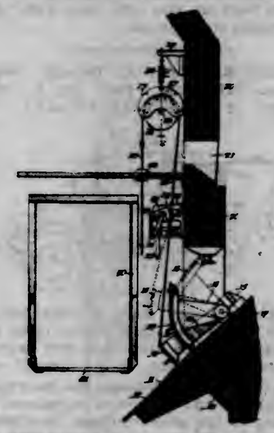


1. In a mixer, the combination of bearing supports, a tiltable member, tubular trunnions secured to the ends of said members and journalled in said supports so as to rotatably support said member thereon, a shaft journalled in said trunnions so as to be rotatable in said member, a winch head secured to said shaft, and a line for winding on said head, said line being secured to said member at one end.

1,577,636. APPARATUS FOR OPERATING BIN GATES. JOHN C. HAYES, Jr., Chicago, Ill., assignor to Freyn, Brassert & Company, Chicago, Ill., a Corporation of Illinois. Original application filed Apr. 11, 1921, Serial No. 460,554. Divided and this application filed July 11, 1924. Serial No. 725,530. 6 Claims. (Cl. 221—144.)

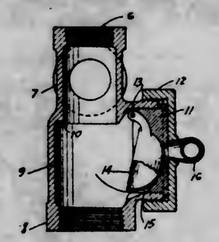
1. Door opening apparatus comprising in combination a line shaft, a pulley fixed to said line shaft, a sheave over said pulley having a guide way formed therein, and a lifting member normally out of engagement with said pulley but adapted to be brought into frictional contact therewith, the lifting member being normally carried by said sheave.

6. Door operating mechanism comprising in combination a power shaft, a pulley mounted thereon, a flexible door operating member passing over said pulley, a spring mounted sheave over said pulley, means in said sheave to hold said flexible member normally out of contact with said pulley but allowing said flexible member



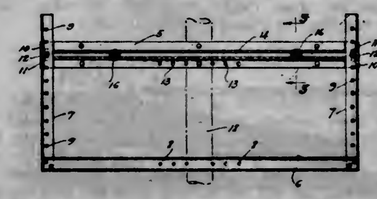
to be pulled into engagement with the said pulley, and a hand operated pivotally mounted toggle member adapted to engage said flexible member to hold the gates in open position.

1,577,637. BACKFLOW CHECK. ARTHUR HESS, Los Angeles, Calif., assignor of one-half to Samuel L. Marsh, Los Angeles, Calif. Filed Nov. 13, 1924. Serial No. 749,628. 2 Claims. (Cl. 251—118.)



1. A fitting having a way therethrough for the passage of liquid, a recession chamber at the side of said fitting, a float check pivotally suspended in said chamber substantially filling the same and arranged to be swung outwardly into said passage to close the same by back flow, and a clean-out connection mounted to communicate with said chamber back of said check.

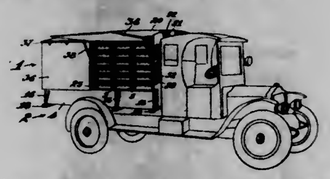
1,577,638. BRACKET-HANGER BACKING. ARTHUR HESS, Los Angeles, Calif., assignor of one-half to Samuel L. Marsh, Los Angeles, Calif. Filed Mar. 23, 1925. Serial No. 17,690. 5 Claims. (Cl. 4—170.)



1. A backing of the character described comprising a rectangular frame formed of bars having a hanger bar adjustably mounted on the intersecting bars so as to be movable to and from the parallel bar and provided with

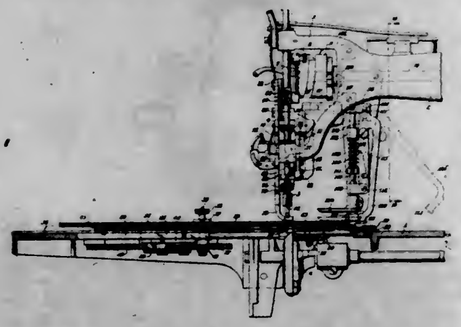
an elongated slot, means on the hanger bar for securing said frame to a supporting member, means on said parallel bar for securing said frame to said supporting member and bolts in said slot with their shanks extending forwardly therethrough.

1,577,639. CHICKEN-CARRIER TRUCK. BERT R. HOLLOWAY, Van Nuys, Calif. Filed Oct. 3, 1922. Serial No. 592,107. 2 Claims. (Cl. 119—12.)



1. In a chicken carrier truck, a truck body, a series of superposed slide-ways carried on the truck body opening to the opposite sides thereof, a roof extending over the slide-ways, spaced walls at the forward end of the slide-ways forming an air passage, the innermost of said walls being formed with a series of superposed spaced air outlets opening to the spaces between the slide-ways and the outermost of said walls being formed with a series of superposed spaced air inlets opening to the air passages at points offset relatively to the air outlets, there being an air inlet adjacent each of the air outlets, and means for varying the extent of opening of the air inlets.

1,577,640. MACHINE FOR SEWING BUFFING PADS. CHARLES M. HORTON, Elizabeth, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Sept. 16, 1922. Serial No. 588,553. 28 Claims. (Cl. 112—2.)



7. Feeding mechanism for sewing machines comprising, a feed-bar, a feed-dog freely carried by said feed-bar, and means including a pivoted guide apertured to embrace said feed-dog for directing its movement.

1,577,641. PAPER-BAG DISPENSER. WILLIAM H. HUNT, San Jose, Calif. Filed Mar. 28, 1923. Serial No. 628,362. 3 Claims. (Cl. 211—29.)

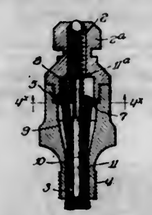


3. A case having an opening arranged in the forward end of its top, a stop arranged in said case to limit the rearward movement of bags placed therein, resilient means arranged in said case for elevating the forward ends of the bags below said opening, and means for securing said resilient means to the bottom of said case adjacent to said stop, said resilient means having portions thereof adjacent to and forwardly of said securing means raised a distance whereby to permit bags placed therein to pass over said securing means into engagement with said stop.

1,577,642. MANUFACTURE OF GELATIN SUITABLE FOR EMULSIONS. ALEXANDER JENNY and JOHANNES ANGERSTEIN, Berlin, Germany, assignors, by mesne assignments, to American Electro-Osmosis Corporation, New York, N. Y., a Corporation of Delaware. Filed Mar. 13, 1924. Serial No. 699,128. 4 Claims. (Cl. 204—1.)

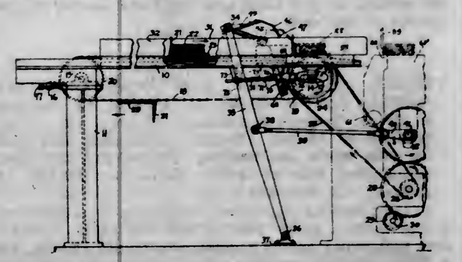
1. The process of manufacturing gelatin which consists in subjecting an acid gelatin solution to the action of an electric current between diaphragms which separate the solution from the electrodes and thereafter neutralizing the solution.

1,577,643. LUBRICANT CUP. CLARENCE H. JORGENSEN and PETER J. JORGENSEN, Waupaca, Wis. Filed Oct. 17, 1921. Serial No. 508,367. 7 Claims. (Cl. 184—64.)



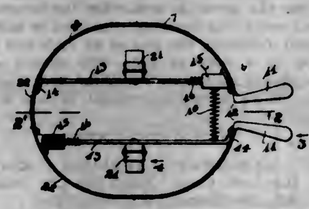
3. A lubricant cup having a discharge port, a perforate transverse diaphragm subdividing the cup into a reservoir which feeds the discharge port and a provisional chamber which feeds the reservoir, a direct discharge duct supported by said diaphragm and delivering to said port and having its upper inlet end adjacent the top of the provisional chamber, and an absorbent extending from the provisional chamber through the reservoir to and beyond the discharge port and beyond the discharge end of the duct.

1,577,644. TRIMMER FEEDER. CHARLES A. JUENGST, Croton Falls, N. Y., assignor to American Assembling Machine Company, Memphis, Tenn., a Corporation of Delaware. Filed May 16, 1923. Serial No. 639,452. 30 Claims. (Cl. 164—48.)



1. In a trimmer feeder, a cutting-bed, a conveyor having book-pad supports continuously moving substantially in the plane of the cutting-bed, and means for advancing book-pads from the moving conveyor supports at an accelerated speed, said means thereafter delivering said book-pads at a retarded speed upon the cutting-bed.

1,577,645. HAT SUPPORT. BENEDIKT JUTS, Wilmington, Calif. Filed Oct. 15, 1923. Serial No. 668,712. 1 Claim. (Cl. 45—13.)



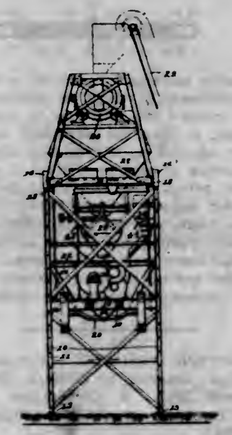
In a hat support, a clamping member made in loop-like form with its free ends terminating short of touching each other adapted to be moved towards each other so as to decrease the outer contour of the loop, yielding braces disposed within the contours of the loop and being each attached at one end at a point near the middle of the loop and at the other end near the open end of the loop, means by which the loop can be suspended when attached to some other object, and handle-members extending from the free ends of the loop-like member projecting practically radially from the loop.

1,577,646. FOUNTAIN OR RESERVOIR PEN. CHARLESWORTH LIVESEY, Wallasey, England. Filed Feb. 21, 1921. Serial No. 446,904. 1 Claim. (Cl. 120—49.)



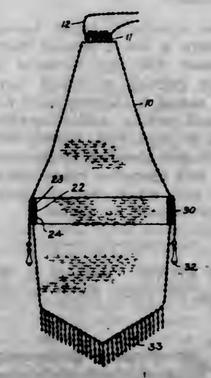
In a fountain pen of the safety type wherein a nib carrying stem has a lateral projection adapted to engage in and be adjusted by a reservoir sleeve on the stem:—means for causing a variable movement of the nib carrying stem by less than a complete revolution of said sleeve, said means comprising a spirally slotted sleeve to provide a slot for the lateral projection of the nib carrying stem, said slot having an outer end portion of less pitch than the intermediate portion of said slot and an inner end portion corresponding to the outer end portion of said slot so that actuation of said stem to project a nib is at first slow, then comparatively rapid, and then slow again, with the pitch of the slot in the outer end of said sleeve preventing retraction of the stem during a writing operation.

1,577,647. PORTABLE PAVING PLANT. MARTIN MADSEN, Monterey Park, Calif. Filed July 7, 1924. Serial No. 724,698. 4 Claims. (Cl. 94—43.)



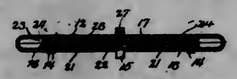
3. In a portable paving plant, frames adapted to have secured thereto means for mixing paving material; corner posts forming a part of lifting jacks on which said frames are mounted, whereby said frames may be raised and lowered, said jacks forming supporting means when positioned for use, said corner posts being removed from the other portions of said jacks when the plant is to be moved from place to place.

1,577,648. MESH BAG. SAMATHL G. MANDALIAN, North Attleboro, Mass. Filed Oct. 22, 1923. Serial No. 669,927. 2 Claims. (Cl. 150—28.)



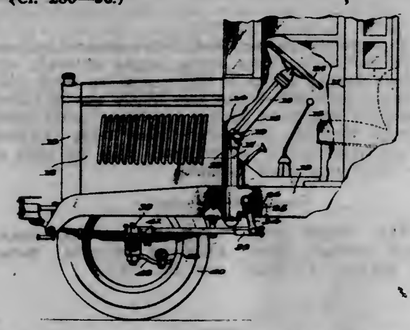
1. As an improved article of manufacture, a bag of the type set forth comprising a flexible mesh fabric body portion having a mouth portion and non-adjustable, non-collapsible member permanently affixed within the mesh of the bag substantially midway between its ends to hold the body portion of the bag permanently in distended position to maintain the flexible mesh portion thereof against collapse, and means holding said member against collapse or extension.

1,577,649. SEWING-MACHINE ATTACHMENT. FRED L. MARK, deceased, late of Chicago, Ill.; Helene D. Mark, administratrix, Chicago, Ill. Filed Aug. 10, 1922. Serial No. 580,897. 11 Claims. (Cl. 112—2.)



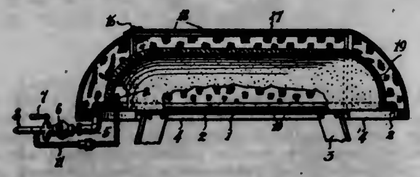
1. In a sewing machine attachment, a holder adapted to clamp thicknesses of cloth in position, adapted to be turned to receive the stitching in the cloth in the desired manner, so that the cloth will be sewed wrong side out, and adapted to be removed when the article is stitched, having provisions to form a gap in the line of stitching to permit the cloth to be turned right side out, said holder comprising two halves hinged together to receive the cloth between them, which holder has a slot therein for guiding the needle of the sewing machine, and the lower half having means for engaging the feed of the sewing machine, whereby the holder is automatically turned in the desired manner.

1,577,650. MOTOR VEHICLE. ALFRED MOORHOUSE, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 11, 1921. Serial No. 460,540. 8 Claims. (Cl. 280—96.)



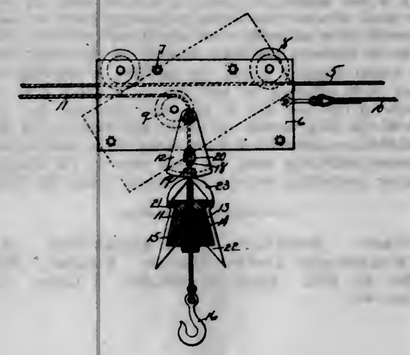
1. In a motor vehicle, a frame having longitudinal side frame members, a casing secured thereto, gearing in the casing a shaft rotatably mounted in said casing connected to the gearing, a second casing secured to said first named casing, a steering shaft rotatably mounted in said second casing and operatively connected through gearing to said first named shaft, a steering wheel secured to said steering shaft, supporting wheels for said vehicle and operative connections including the gearing between said wheels and the first named shaft, whereby said wheels may be angled.

1,577,651. GAS STOVE. AEOLIAN E. MOORES, Dallas, Tex. Filed Aug. 27, 1925. Serial No. 52,787. 1 Claim. (Cl. 126—85.)



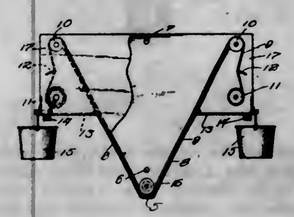
A gas heater stove comprising a base, legs attached thereto, a gas burner pipe supported upon the base and having means for connecting said burner to a gas feed pipe; a pilot with pipe connection to said feed pipe and providing a constant lighting means for said burner with means for adjusting the pilot; said pilot disposed adjacent a control valve; a heat deflecting dome of suitable material seated upon the base; a reticulated covering for the stove, a frame for the covering and a door in one end of the covering; the sides of said covering substantially following the line of an arch and connected at the top by a ridge or strip with spaced apertures; said door hinged to the covering, the door and opposite end of the stove having a rounded bottom and arched formation.

1,577,652. CABLEWAY CARRIAGE. KENNETH B. NOBLE, Hartford, Conn. Filed Feb. 28, 1925. Serial No. 12,446. 20 Claims. (Cl. 212—109.)



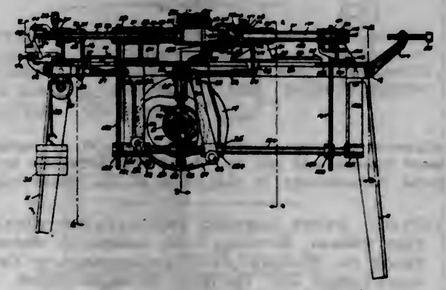
1. A cable carriage with a support therefor, an operating line movably mounted on said carriage, a catch block secured to said line and relatively immovable thereof, a member to engage said block to retain it in a raised position, means operating by movement of said member to disengage the latter from said block and means operating when said member is stationary to engage it with said block.

1,577,653. OIL-SEDIMENT REMOVER. WILLIAM W. NUGENT, Chicago, Ill. Filed Jan. 12, 1920. Serial No. 350,763. 20 Claims. (Cl. 210—55.)



1. In a liquid sediment remover, the combination with a portable settling tank, of a flexible gathering member in said tank, means for exerting a pull on one end of said member to effect elevation of the portion thereof in the tank, and means elevated together with said flexible member for automatically restoring said member toward the bottom of said tank when said member is released.

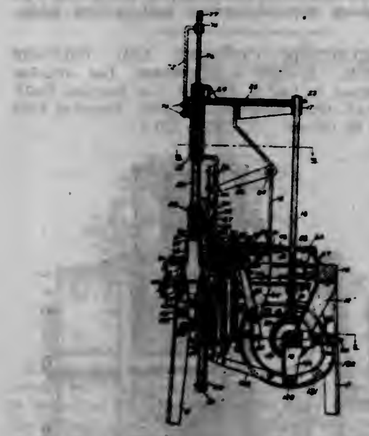
1,577,654. PROCESS AND APPARATUS FOR BURNING OFF GLASSWARE. ALVAH C. PARKER, Toledo, Ohio, assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio, a Corporation of Ohio. Filed Feb. 4, 1924. Serial No. 690,409. 18 Claims. (Cl. 49—50.)



1. In apparatus for severing glass articles, a holder adapted to support an article from one end, a guide adapted to be positioned in close proximity to but normally out of engagement therewith outside of the other end of the article, and a burner adapted to apply a melting flame across the glass between the holder and guide.

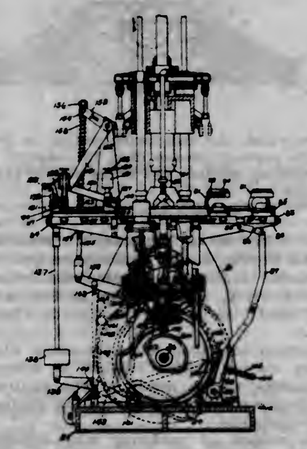
17. The process of burning off glass articles, which consists in applying to the glass along a line of desired severance a flame sufficiently intense to melt the glass and produce a severed edge along said line and, after said edge is produced, applying thereto a less intense flame to fire-finish the same.

1,577,655. METHOD OF AND APPARATUS FOR BURNING OFF GLASSWARE. ALVAH C. PARKER, Toledo, Ohio, assignor to The Libbey Glass Manufacturing Company, a Corporation of Ohio. Filed May 16, 1924. Serial No. 713,709. 13 Claims. (Cl. 49—50.)



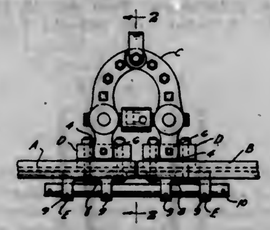
1. In a glass severing device, a chuck, a burner in position to apply a melting-off flame to a glass article in the chuck, automatic means to vary the intensity of the flame, and synchronized automatic means for moving the chuck a slight distance away from the burner at a predetermined time during a period of intensified flame.

1,577,656. AUTOMATIC BURNING-OFF MACHINE. ALVAH C. PARKER, Toledo, Ohio, assignor to The Libbey Glass Manufacturing Company, a Corporation of Ohio. Filed Oct. 17, 1924, Serial No. 744,185. Renewed Dec. 23, 1925. 30 Claims. (Cl. 49—50.)



1. In glass working apparatus, a vertically reciprocable chuck, a horisontally movable charging table having an article holder, and automatic means to reciprocate the table and thereby move the holder between a position in alignment with the chuck and a position at one side thereof.

1,577,657. RAIL-JOINT SPREADER BLOCK. WILLIAM F. PRICE, Topeka, Kans. Filed Mar. 10, 1925. Serial No. 14,574. 5 Claims. (Cl. 254—43.)



5. In a device of the class described, the combination of lug blocks adapted to be secured on one side of adjacent rails at a joint to provide a hold for an expander which operates upon said rails by pressure in opposite directions upon said blocks, and brace blocks adapted to be rigidly fastened to the side of said rails opposite said lug blocks, said brace blocks having laterally extending eyes, and a brace rod extending slidably through said eyes in a longitudinal direction so as to hold the rails in alignment and permit movement to and from each other.

1,577,658. FINGER RING FOR CROCHETING. HELEN REBECCA EMM, Portland, Oreg. Filed Jan. 28, 1925. Serial No. 5,387. 3 Claims. (Cl. 242—150.)

1. In a finger ring for crocheting, the combination of a ring, a stud extending radially from said ring, the surface of the ring around the stud being flattened, a large flat disk on the stud and resting on the flat surface

of the ring, a convexo-concave disk of smaller diameter resting on the larger disk, a nut at the end of the stud, and a disk spring between the nut and the con-



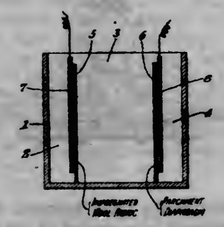
vexo-concave disk, the disk spring resting on the concave side of the convexo-concave disk, the edge of said disk spring extending substantially to the edge of the convexo-concave disk.

1,577,659. METHOD OF KILLING MICROORGANISMS. WILHELM RUPPEL, Berlin, Germany, assignor, by mesne assignments, to American Electro-Osmosis Corporation, New York, N. Y., a Corporation of Delaware. Filed Aug. 4, 1921. Serial No. 489,837. 22 Claims. (Cl. 167—7.)

1. A method of killing micro-organisms with aid of an electric current, which consists in subjecting the micro-organisms to the action of the electric current between diaphragms which separate the electrodes from the micro-organisms.

22. The method of rendering micro-organisms non-pathogenic, which consists in passing an electric current through a medium containing the micro-organisms, the current being so great in amperage and low in voltage that the micro-organisms are rendered non-pathogenic by the passage of the current instead of by heat generated therein or by the formation of germicidal electrolytic products produced.

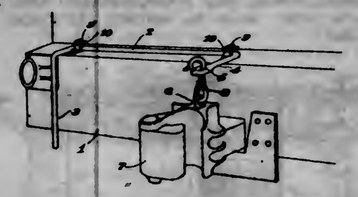
1,577,660. PROCESS FOR THE ELECTROOSMOTIC PURIFICATION OF GLUE AND GELATIN. WILHELM RUPPEL, Berlin, and KUNO WOLF, Berlin-Charlottenburg, Germany, assignors, by mesne assignments, to American Electro-Osmosis Corporation, New York, N. Y., a Corporation of Delaware. Filed Mar. 13, 1924. Serial No. 699,153. 5 Claims. (Cl. 204—1.)



1. The process of purifying glue, gelatin and the like which consists in submitting an aqueous solution thereof to the action of an electric current with the solution separated from the electrodes by diaphragms, the anodic diaphragm being of wool fabric impregnated with chromated gelatin and the cathodic diaphragm being of parchment.

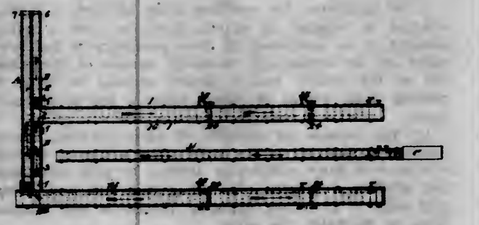
1,577,661. UNCOUPLING DEVICE FOR CAR COUPLERS. ARTHUR E. SMALL, Chicago, Ill., assignor to Union Metal Products Company, Chicago, Ill., a Corporation of Delaware. Filed Aug. 12, 1922. Serial No. 581,465. 4 Claims. (Cl. 213—170.)

1. An uncoupling device for car couplers comprising an operating rod provided with a vertically disposed eye and a single link connecting said operating rod to said coupler, formed of a single piece of metal bent to form a closed loop at the bottom for connection to the coupler with the ends robent and brought together in parallel



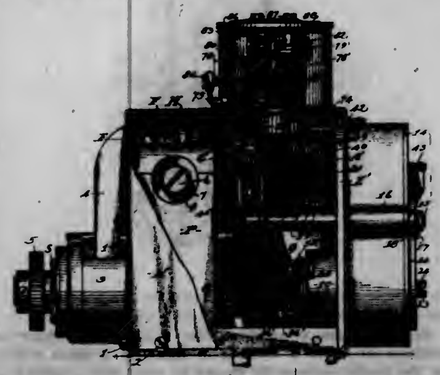
alignment to form a vertical shank for slidable engagement through said eye, said shank bent forwardly in a plane perpendicular to the plane of the closed loop.

1,577,662. FRUIT SORTING AND PACKING TABLE. FRED STEBLER, Riverside, Calif., assignor to Stebler-Parker Co., Riverside, Calif., a Corporation of California. Filed Apr. 14, 1925. Serial No. 22,990. 6 Claims. (Cl. 209—125.)



1. A fruit sorting and packing apparatus including a plurality of sorting tables, one serving as a fruit receiving member and the other adapted for receiving sorted fruit from the first member, a plurality of packing tables disposed angularly in the same direction from said sorting tables and one communicating with the discharge end of each of the sorting tables, each including endless belt conveying members, means for imparting movement to the sorting table forming belts, means for imparting movement to the packing table forming belts, and a filled box conveyer member disposed between said packing tables.

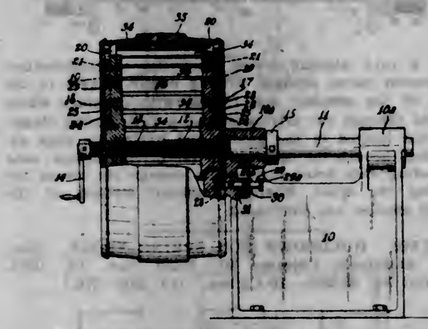
1,577,663. ELECTRIC CURRENT AND VOLTAGE REGULATOR. EDMUND E. TABUSSAT, Los Angeles, Calif., assignor to Leo M. Harvey, Los Angeles, Calif. Filed June 21, 1920, Serial No. 393,450. Renewed June 17, 1925. 10 Claims. (Cl. 171—221.)



1. In a regulating system for electric circuits comprising a generator having relatively stationary and movable brushes, a regulator having field coils apart from said

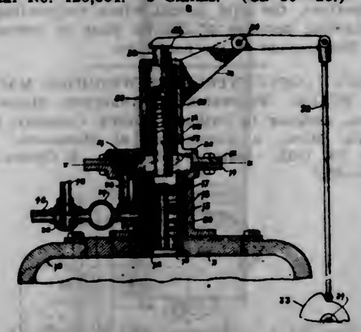
generator and electrically connected with said generator brushes, respectively, a rotatable armature between and connected with said coils, a train of gears connected with said armature shaft, a spring for actuating said gears and an escapement device operatively connected with said armature and said movable brush.

1,577,664. APPARATUS FOR MAKING TIRE CASINGS. JAMES D. TEW, Hudson, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed May 15, 1923. Serial No. 639,086. 4 Claims. (Cl. 154—10.)



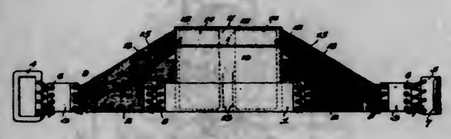
1. Tire-building apparatus comprising a circumferential set of transversely disposed, deformable, tire-stretching structures adapted to form substantially a cylindrical structure to receive a transversely flat, endless band of tire-building material, means for deforming said structures to stretch the middle portion of said band, and additional means for moving said structures radially, each as a whole, while they are so deformed, to change the effective diameter of their composite structure.

1,577,665. STARTING VALVE FOR ENGINES. RICHARD E. B. WAKEFIELD, Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 30, 1920. Serial No. 420,664. 4 Claims. (Cl. 60—16.)



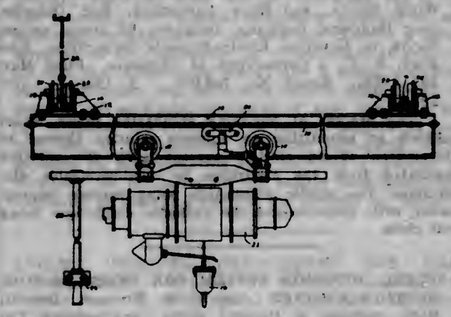
2. In an air starting mechanism for internal combustion engines, a reciprocating plunger, means operatively connected to a moving engine part for reciprocating the plunger, an air valve arranged to be opened and closed by the reciprocation of the plunger, and means for changing the effective length of the plunger, the plunger being so disposed with relation to the valve that when the effective length of the plunger is increased the valve will be opened by the reciprocation of the plunger, and when the plunger is at its shortest effective length, the valve will not be opened by the reciprocation of the plunger.

1,577,666. ABDOMINAL BANDAGE. HARVEY W. WALTER, Philadelphia, Pa. Filed Nov. 12, 1924. Serial No. 749,482. 5 Claims. (Cl. 128—99.)



3. In an abdominal bandage, a belt, a frontal bag secured at its lower part to the central part of the belt, pads relatively short in the bag, inclined elastic supports connected to the top part of the bag on opposite sides of the latter and connected to the belt, and elastic supports of less length than that of the inclined supports arranged substantially parallel to the belt and connected to central parts of the inclined supports and to opposite sides of the bag at points intermediate the top and bottom of the bag.

1,577,667. CRANE. WILLIAM G. WEHR, East Cleveland, Ohio, assignor to The Cleveland Crane and Engineering Company, Wickliffe, Ohio, a Corporation of Ohio. Filed Sept. 4, 1923. Serial No. 660,754. 11 Claims. (Cl. 104—98.)

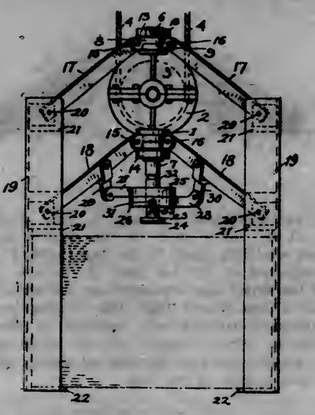


1. The combination with a crane runway consisting of two spaced tracks flexibly suspended so as to be capable of limited lateral movement, of a crane movable manually along the runway and having a manually movable trolley, said crane comprising a cross member having end trucks rigidly secured thereto, each truck being provided with wheels engaging the tracks on opposite sides of the cross member, whereby they tend to maintain the crane square with respect to the runway, and the crane may be moved along the runway by applying force to the trolley regardless of the position of the trolley on the cross member of the crane.

1,577,668. GRAB. WILLIAM G. WEHR, East Cleveland, Ohio, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio, a Corporation of Ohio. Filed Sept. 18, 1925. Serial No. 57,076. 17 Claims. (Cl. 294—106.)

2. A grab comprising a central supporting head, a plurality of members mounted on said head to turn independently about the vertical axis thereof, and load gripping devices carried by said members and movable therewith about the axis of the head.

11. A grab comprising a central supporting member, four pairs of superposed parallel links pivoted at their inner ends to said supporting member said pairs of links

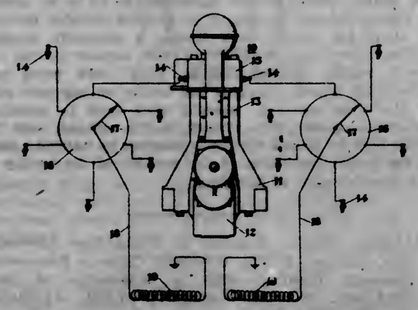


being angularly disposed with respect to each other, and a vertical load engaging member pivotally connected to the outer ends of the links of each pair.

1,577,669. PROCESS FOR THE ELECTROOSMOTIC PURIFICATION OF SACCHARINE JUICES. KUNO WOLF, Berlin, and EGON LANGSTEIN, Bad Oldesloe, near Hamburg, Germany, assignors, by mesne assignments, to American Electro-Osmosis Corporation, New York, N. Y., a Corporation of Delaware. Filed Mar. 29, 1924. Serial No. 702,937. 3 Claims. (Cl. 204—1.)

1. The process of purifying saccharine juices which consists in submitting an aqueous solution thereof to the action of an electric current with the solution separated from the electrodes by semi-permeable diaphragms, the anodic diaphragm being leather impregnated with quinone and the cathodic diaphragm being sail cloth.

1,577,670. IGNITION SYSTEM FOR INTERNAL-COMBUSTION ENGINES. LIONEL M. WOOLSON, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 15, 1924. Serial No. 706,726. 15 Claims. (Cl. 123—148.)



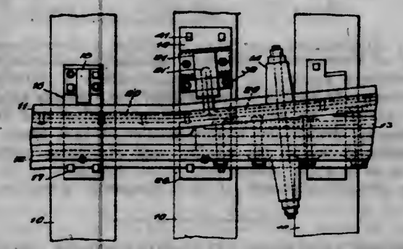
1. The combination with an ignition system including a pair of windings, of switch means adapted to control the flow of current through said windings and adapted for connection thereto either singly or together in parallel, and an inductance coil in series with the switch.

1,577,671. YARN-WINDING SPOOL. ROBERT ASHMEAD and JOSEPH COLLINS, Indian Orchard, Mass., assignors to Hodges Carpet Company, Indian Orchard, Mass., a Corporation of Massachusetts. Filed Oct. 14, 1925. Serial No. 62,419. 5 Claims. (Cl. 242—74.)



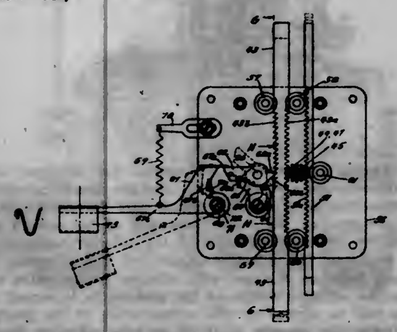
1. A yarn winding device comprising in combination, a grooved barrel member, driving means secured to the ends of the member, and formed with openings which extend through the driving means, a yarn strand clamping rod located in the groove and having its ends extending through the openings in the driving means; said extending ends being designed to engage the means for driving the spool, whereby torsional stresses of the barrel member are eliminated.

1,577,672. HOLDDOWN FOR SPRING FROGS. CARL G. ALMQUIST, Chicago, Ill. Filed Nov. 16, 1925. Serial No. 69,268. 15 Claims. (Cl. 246—276.)



3. In combination, a tie plate having an aperture therein, and a hold-down projecting through the said aperture and having a pair of lateral wings extending under portions of the said tie plate on either side of the aperture, the said lateral wings cooperating with the abutting portions of the tie plate to prevent upward displacement of the hold-down.

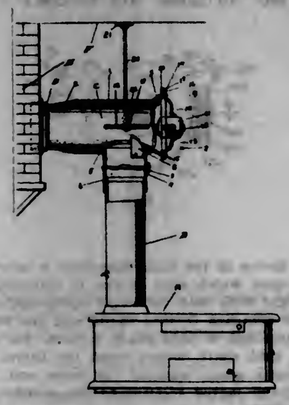
1,577,673. COIN-CONTROLLED WEIGHING MACHINE OR SCALE. FREDERICK R. ANDERSON, Minneapolis, Minn., assignor to National Novelty Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Feb. 28, 1922. Serial No. 539,950. 5 Claims. (Cl. 194—35.)



1. In a coin controlled weighing machine, an indicating mechanism embodying a reciprocatory member having a series of ratchet teeth beveled to permit return

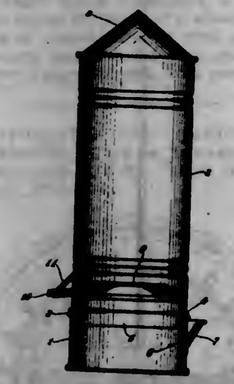
movement of said member, controlled step means therefor, coin controlled locking means for said mechanism including a locking pawl co-operating with said teeth, and a coin released locking latch for said pawl, said latch and pawl being spring held and said pawl being swingable and longitudinally movable.

1,577,674. KITCHEN VENTILATOR. WALTER H. ANDERSON, San Rafael, Calif. Filed Mar. 18, 1925. Serial No. 16,336. 6 Claims. (Cl. 126—80.)



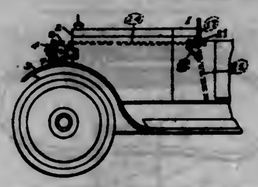
1. A kitchen ventilator comprising in combination a stove pipe, a flue, a horisontal pipe crossing the stove pipe and leading into the flue, and a motor driven fan mounted in the horisoptal pipe on the inner end.

1,577,675. AIR-COOLED STILL. EDWIN C. BALLMAN, St. Louis, Mo., assignor to John H. Cassidy, St. Louis, Mo. Filed Jan. 19, 1920. Serial No. 352,591. 2 Claims. (Cl. 203—5.)



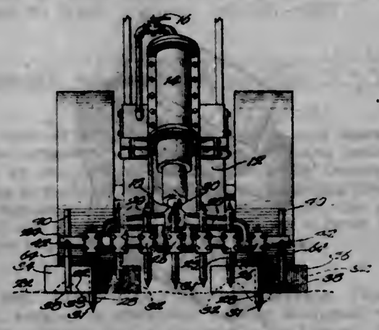
1. An air-cooled still, comprising, a pot open at the top adapted to provide a boiler, an enlarged can open at its bottom and closed at its top and substantially unobstructed within so as to provide for free circulation of steam and air throughout the interior thereof, said can being adapted for setting on said pot so as to provide an air condenser, a narrow gutter on and extending along the inner wall of said can near its bottom adapted to collect the condensate but arranged so as to leave the steam inlet opening from said pot substantially unobstructed, an outlet connection on said can and to said gutter adapted to drain the condensate therefrom, and means for admitting air to aerate the condensate.

1,577,676. SIGNALING APPARATUS FOR MOTOR VEHICLES. DAVID BAUGHMAN, Pittsburgh, Pa. Filed Jan. 20, 1925. Serial No. 3,682. 1 Claim. (Cl. 116—51.)



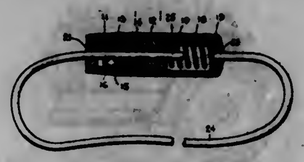
In combination, a signaling apparatus for motor vehicles comprising a signal member provided with a pair of apertured laterally disposed lugs; a vertically disposed supporting pin fixed to the fender of the vehicle and pivotally engaging said apertured lugs; a spring mounted on said pin and disposed intermediate of the said fender and the said signal member for tensionally cushioning the latter on said pin; said signal member provided with a laterally extending shifting arm disposed rearwardly of said lug, an operating rod having its forward end extending through and rotatably supported in the radiator of the vehicle engine, and the bear end thereof rotatably mounted in the dash board of the vehicle; the forward end of said operating rod formed with a right angularly disposed depending lug; a connecting rod having one end pivotally connected to the said shifting arm and the other end thereof being pivotally connected with the said depending lug of the said operating rod; a collar adjustably mounted on said operating rod adjacent to the rear end thereof; a spring mounted on said operating rod intermediate of said collar and the vehicle dash board; and a spring connected with said collar and with said vehicle dash board for limiting the shiftable movement of said operating rod, for returning the latter to the normal inoperative position, and in conjunction with the associated spring mounted on said operating rod, providing a resilient attachment for the latter on the vehicle dash board, substantially as described and for the purpose set forth.

1,577,677. SCRAPER ATTACHMENT FOR ROAD SCARIFIERS. WILLIAM T. BEATTY, Flossmoor, Ill. Filed Sept. 18, 1922. Serial No. 588,826. 15 Claims. (Cl. 262—8.)



1. In a scarifier, the combination with tines adapted to enter a road surface, of a road scraper slidably mounted on the tines, and means to cushion sliding movement of said scraper on said tines.

1,577,678. FASTENING MEANS. MARCUS B. EHRMAN, New York, N. Y., assignor to The Lox Seal Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Apr. 17, 1925. Serial No. 23,833. 3 Claims. (Cl. 292—325.)



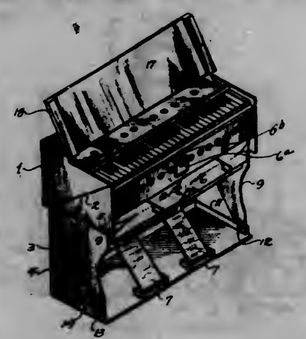
1. A fastener comprising, in combination, a wire substantially symmetrical and uniform throughout its length, a casing having an opening in one end properly porportioned to receive an end of the wire inserted slidably therein, means at the opposite end of the casing to maintain an end of the wire associated therewith, a spring pressed block within the casing having a passage in alignment with the opening in the casing, and a member carried by the block proportioned for wedging engagement with the wire and actuated by the spring action.

1,577,679. COLLAPSIBLE LID FOR SODA FOUNTAINS AND THE LIKE. THOMAS DICKSON BIBBY, Los Angeles, Calif., assignor to Commercial Fixture Company, Los Angeles, Calif., a Corporation of California. Filed June 30, 1925. Serial No. 40,619. 4 Claims. (Cl. 220—9.)



1. A collapsible cover for soda fountains, comprising two sections hingedly united at their inner edges, and each of which sections includes a shell enclosing an insulating material, and means secured to the rearward section for removably securing the cover in position at the top of the soda fountain cover.

1,577,680. PORTABLE ORGAN. PETER P. BILHORN, Chicago, Ill. Filed Nov. 24, 1924. Serial No. 751,783. 4 Claims. (Cl. 84—352.)



3. In a portable organ, a casing comprising a pair of sections adapted to be moved relative to each other into open or closed position, one of said sections being adapted to support therein an organ mechanism, a pair of brackets adapted to support said section in position relative to the other of said sections for operation of said organ, means for normally impelling said brackets into inoperative folded position within said section and means for retaining said brackets in supporting position against the action of said first mentioned means, said second means being also adapted to hold said sections in closed position.

1,577,681. CYLINDER-GRINDING TOOL. GEORGE H. BLEITNER, Chicago, Ill. Filed Sept. 2, 1922. Serial No. 585,880. 10 Claims. (Cl. 51—206.)



1. In a device of the class described, a carrier, a driving shaft upon which said carrier is rotatably mounted, a barrel rigid with said carrier, a spiral spring, one end of which is attached to said barrel and the other end of which is attached to said shaft, a cover for said barrel rigid with said shaft, means upon the barrel and cover for affording a grasp whereby the cover and barrel may be grasped and moved relative to one another for winding said spring.

1,577,682. CONTAINER. MICHAEL BLOCK, South Boston, Mass., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Apr. 27, 1921. Serial No. 465,023. 12 Claims. (Cl. 220—62.)

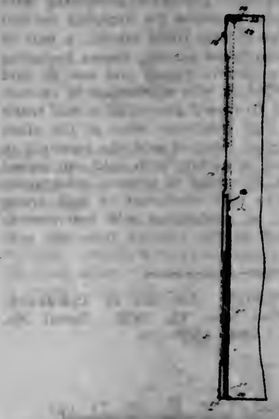


9. In a cracker or like container, a sheet metal display wall having an opening, and a transparent display member hinged to said wall and swingable inwardly from its display position and upwardly to a protected position behind a solid part of said wall.

1,577,683. CONTAINER. MICHAEL BLOCK, South Boston, Mass., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Apr. 27, 1921. Serial No. 465,024. 2 Claims. (Cl. 220—62.)

1. A display container having a wall formed with a display opening and a continuous closed portion, and a

display section having a glass and hingedly connected with said wall and swingable to a position behind said opening and to a protected position behind said closed portion of the wall, and means in the container and movable into and out of engagement with said display section when the latter is in said protected position.

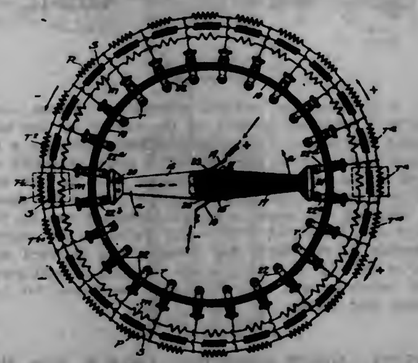


1,577,684. ANTISKID DEVICE. FRANK A. BOND, Pittsburgh, Pa., assignor to United States Chain & Forging Company, Pittsburgh, Pa., a Corporation of Delaware. Filed Mar. 24, 1924. Serial No. 701,483. 4 Claims. (Cl. 152—14.)



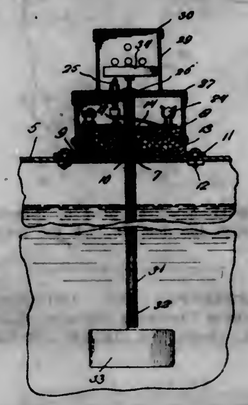
1. An anti-skid device comprising a strap member adapted to lie across the tread of a wheel, the said strap member being of flexible material with a tension device embedded therein and provided with openings adjacent to its ends for engagement with hook members.

1,577,685. APPARATUS FOR COMMUTATING ELECTRIC CURRENTS. CHARLES S. BRADLEY, New York, N. Y. Filed July 6, 1922. Serial No. 573,115. 10 Claims. (Cl. 171—123.)



1. A method of conserving the magnetic flux of a transformer having a primary coil and a secondary coil carrying the working currents and means for commutating the currents flowing through said coils and a tertiary coil of relatively low resistance magnetically associated with said working coils, the method consisting in closing the circuit through said tertiary coil during the commutation of said working currents.

1,577,686. FLOAT-OPERATED CIRCUIT CLOSER. THEODORE V. BEETEM, New Philadelphia, Ohio. Filed July 24, 1924. Serial No. 727,981. 1 Claim. (Cl. 200—84.)



In combination, a fuel tank, a casing disposed upon the tank, a partition in the casing dividing the same into an upper compartment and a lower compartment, said upper compartment having a vent opening, a tube extending through the partition, through the lower compartment, and a distance down into the tank, a rod slidable through the tube, a float on the rod within the tank, an abutment on the rod within the upper compartment of the casing, a normally opened circuit closer in the lower compartment of the casing, a sleeve extending through the partition, a plunger slidable through the sleeve and having one end in the path of the movement of the abutment in the upper compartment and having its other end adapted for engagement with the circuit closer in the lower compartment so that when the float recedes to a predetermined level, said abutment will engage the plunger to actuate the circuit closer to a closed position.

1,577,687. UTILITY TOOL FOR AUTOMOBILES. HARRY H. BUSS, Merrill, Wis. Filed Feb. 2, 1925. Serial No. 6,341. 1 Claim. (Cl. 137—139.)

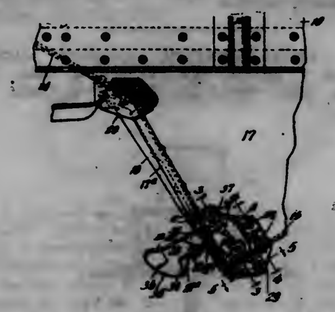


A combined measuring stick and pet cock operating member comprising an elongated wooden strip having a notch at one end and having graduations thereon beginning at the other end thereof, a pin projecting through said member and having a head at one end, the other end of said pin being bent at right angles to retain it in position in pivotal relation to the said stick.

1,577,688. DUMP CAR. ARGYLE CAMPBELL, Chicago, Ill., assignor to Enterprise Railway Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 20, 1922. Serial No. 532,788. 12 Claims. (Cl. 105—306.)

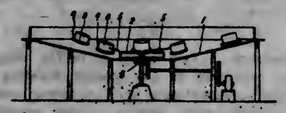
1. In a car provided with a hopper defined by side and bottom hopper sheets, the outer side hopper sheet forming a corner with the bottom sheet at the discharge opening, and a pivoted door to close said opening: the com-

bination with a bracket having integral portions thereof secured to said bottom and side wall sheets at the intersecting corner; of a latch movably mounted on said



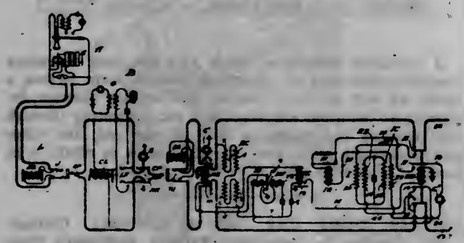
bracket, said latch being adapted to cooperate with a member rigid with the door to lock the latter in closed position.

1,577,689. APPARATUS FOR AMUSEMENT PURPOSES. CELESTE CAPITELLI, Margate, England. Filed Oct. 7, 1924. Serial No. 742,147. 2 Claims. (Cl. 272—35.)



1. An apparatus for amusement purposes including a conical stationary platform over which freely movable cars are adapted to be impelled, a circular rotating device centrally disposed with respect to said conical platform, a plurality of cars rotatable with said rotating device for imparting movement to said first-mentioned cars, a plurality of flexible members, one for each of said second-mentioned cars, constituting each a deformable and direct connection between its car and said circular rotating device, said flexible members connected to said rotating device at points spaced short angular distances apart and of such length as to prevent jamming of any of the freely movable cars between the rotating device and the connected cars.

1,577,690. COMPOSITE RINGER CIRCUITS. ORMOND F. CARRADAY, Chicago, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill., a Corporation of Illinois. Filed May 21, 1919. Serial No. 298,765. 11 Claims. (Cl. 179—4.)



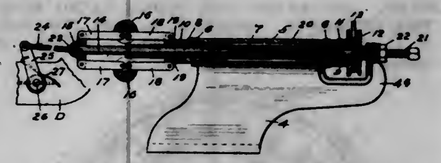
2. A system of the character described including a trunk circuit terminating in a pair of terminals, a high frequency generator connected in circuit with said trunk circuit, a high frequency relay and an alternating current relay in multiple circuit at each end of said trunk circuit, said relays being connected in circuit with said trunk circuit, a normally energized relay at each end of said trunk circuit, a central office call signal connected to one of said terminals, means controlled by said normally energized relay of said one terminal for operating said call signal, a low frequency generator associated with the other of said terminals, means for applying current from said last generator to said trunk circuit, a pair of switching relays for said trunk circuit, means including one of said alternating current relays and one of said switching relays controlled by said application of current for connecting said high frequency generator to said trunk circuit to operate the high frequency relay at the other end to effect said energized relay of said one terminal to connect said first means in circuit with said call signal whereby said call signal is caused to operate, telegraphic instruments connected to each conductor of said trunk circuit, and means for so connecting said instruments that they are unaffected by the current from the said generators.

1,577,691. GOVERNOR. LINCOLN H. CLEMENTS, Clements, Minn. Filed Mar. 18, 1925. Serial No. 15,403. 1 Claim. (Cl. 264—15.)



A governor for internal combustion engines, comprising a standard secured to the engine on one side thereof, a sleeve rotatable in the standard, operative connection between the forward end of the sleeve and the fan shaft of the engine, a rod slidable in and projecting rearwardly from the sleeve, governor balls and links connecting said balls to said sleeve and said rod, a spring for yieldingly pressing the rod rearwardly, and means connected with said rod and operated thereby for controlling the volume of gas consumed by the engine.

1,577,692. GOVERNOR FOR INTERNAL-COMBUSTION ENGINES. LINCOLN H. CLEMENTS, Clements, Minn. Filed Aug. 24, 1925. Serial No. 51,992. 2 Claims. (Cl. 264—3.)

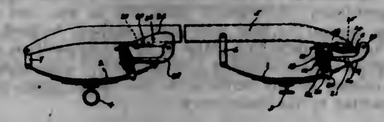


1. A governor for internal combustion engines, comprising a standard secured to the engine on one side thereof, and having a goose neck extension forming a U-shaped opening in its forward end, a sleeve rotatably secured in the standard and extending with its fore end into said opening, means on said fore end of the sleeve for rotating the same, a weight actuated rod in the sleeve and associated with a gas valve in the engine, a spring in the sleeve for resisting the forward motion of the rod, and a set screw threaded in said goose neck extension and extending into the sleeve for adjusting said spring.

1,577,693. SHOCK ABSORBER. COLIN B. DALE, Milwaukee, Wis. Filed May 5, 1921. Serial No. 467,147. 3 Claims. (Cl. 267—17.)

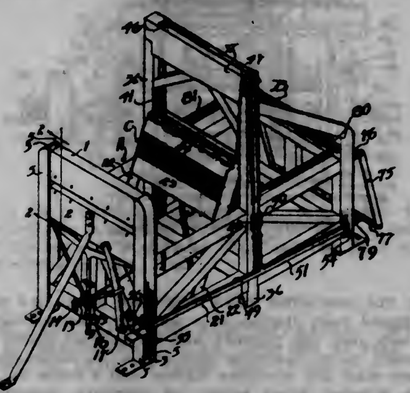
1. A shock absorber for an automobile having a chassis and a main spring, said shock absorber comprising a

member adapted to be secured to the chassis, a lever pivotally secured at one end to said member and adapted to be pivotally secured intermediate its ends to the main spring, a helical spring upon each side of said lever and



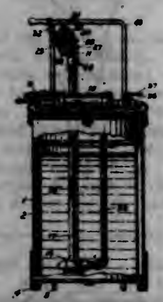
engaged therewith, the spring upon one side of said lever being secured to said member and the spring upon the other side of said lever being engaged with said main spring.

1,577,694. WIRE-WEAVING LOOM. JOHN J. DANNER, St. Paul, Minn. Filed Apr. 5, 1924. Serial No. 704,392. 1 Claim. (Cl. 139—33.)



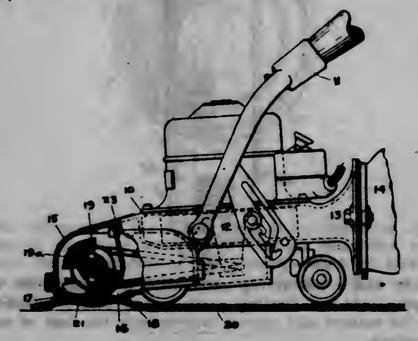
A wire weaving loom of the character described, comprising a frame, a pair of reciprocable heddles mounted upon the frame, lever means for manipulating the heddles, releasable locking means to lock the heddles in alternately raised and depressed position, a batten pivotally connected to the frame, and clamp means having teeth pivotally connected to a support member removably mounted on the clamp means.

1,577,695. DISPENSING MACHINE. EDWIN B. DAVENPORT, Ross, Calif. Filed Oct. 20, 1923. Serial No. 669,678. 1 Claim. (Cl. 221—80.)



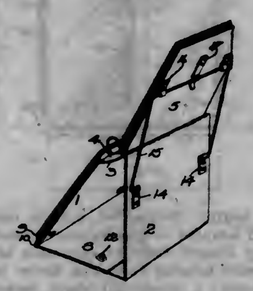
A dispensing machine for semifluid materials comprising a portable receptacle having a removable cover, a pump within said receptacle, a measuring chamber horizontally mounted upon said cover, a pipe line leading from said pump to said measuring chamber, a piston reciprocating within said measuring chamber, a piston rod carried by said piston and ratchet mechanism carrying indicating means disposed in a plane parallel to said cover and adapted to be operated by said piston rod.

1,577,696. SUCTION CLEANER. HARRY S. DEMAREE, Chicago, Ill., assignor to The Hoover Company, a Corporation of Ohio. Filed Feb. 1, 1923. Serial No. 616,384. 5 Claims. (Cl. 15—157.)



8. In combination with a suction cleaner, having a brush chamber provided with an inlet mouth, a series of guards secured at one end to the brush housing near the inlet mouth and at the other end to the top wall of the brush housing.

1,577,697. PORTFOLIO. JAMES D. DOUGLAS, Detroit, Mich. Filed Sept. 21, 1925. Serial No. 57,538. 6 Claims. (Cl. 129—1.)



1. A portfolio comprising two cover members connected at their inner ends and adapted to open so that their outer surfaces are towards one another thereby forming two sides of a triangle, an element flexibly mounted in proximity to the inner end of one of the cover members and adapted to assume an upwardly inclined position, means for holding said element in said upwardly inclined position, and means for holding the outer ends of the cover members in spaced relation to one another.

1,577,698. SUSPENSION SPRING. JOHN A. ESSELS, St. Louis, Mo. Filed June 13, 1922. Serial No. 568,028. 2 Claims. (Cl. 267—74.)

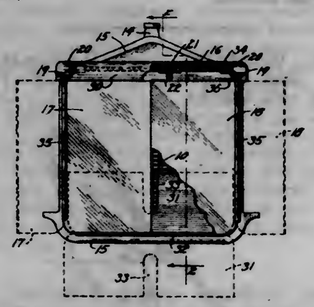
1. In a spring suspension device, a single length of wire bent at its middle to form an enclosed eye portion of restricted diameter and extending outwardly and angularly from said eye portion to complete a U-shaped

frame member, a similar U-shaped frame member telescopingly assembled with said first-mentioned member, said members having their legs juxtaposed and slidably interengaging and with their eye forming portions spaced



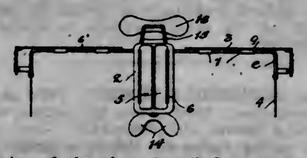
apart, and a coil spring terminating in hooked ends engaging said eye forming portions and thereby centered by its tension and spaced intermediate the legs of said members.

1,577,699. AIR CONTROL FOR VEHICLE RADIATORS. BENJAMIN O. EDGERTON, Denver, Colo. Filed Apr. 29, 1924. Serial No. 709,812. 4 Claims. (Cl. 257—132.)



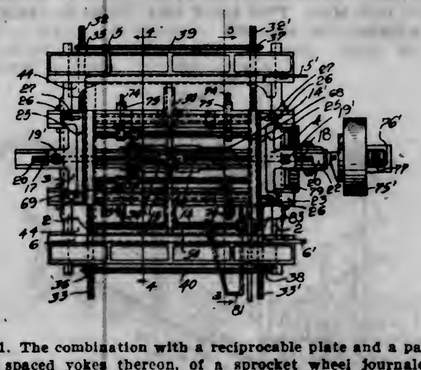
3. An air control device for vehicle radiators comprising a shell adapted to fit over and around said radiator; vertically hinged doors at each side of said radiator; a horizontal housing extending across said radiator above said doors; a horizontal shaft contained within said housing and operatively connected to said doors and means for operating said shaft from the driver's position in said vehicle.

1,577,700. VISION DEFLECTOR. ARTHUR JAMES EDWARDS, Toronto, Ontario, Canada. Filed Apr. 12, 1924. Serial No. 706,024. 5 Claims. (Cl. 2—12.)



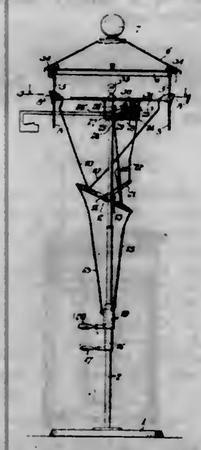
1. A device of the class described comprising a substantially vertically disposed elongated nose plate intended to be located when in use in front of the nose; a pair of elongated deflectors each hinged at its rear longitudinal edge to said nose plate to extend longitudinally thereof and so as to be moved each in a substantially horizontal plane, said deflectors being located substantially equidistant of the vertical centre of said support, and positioned convergently when not in use, and supporting means for said nose plate adapted to hold the same and said deflecting plates in operative position, said supporting means including a frame-work, a nose-engaging plate carried by the frame-work, and ear-engaging members carried by the frame-work.

1,577,701. WOODWORKING MACHINE. OSCAR G. EDMOND, Spokane, Wash., assignor of one-half to White Pine Sash Company, Spokane, Wash. Filed July 25, 1924. Serial No. 728,246. 3 Claims. (Cl. 144—291.)



1. The combination with a reciprocable plate and a pair of spaced yokes thereon, of a sprocket wheel journaled in each yoke and provided with an internal thread, a sprocket chain connecting said wheels, an intermediate power shaft and eccentrics thereon, and a screw bar in each sprocket wheel having an operative connection with an eccentric.

1,577,702. TRAFFIC SEMAPHORE. ANNA ESTELLE ENGLISH, Philadelphia, Pa. Filed Mar. 24, 1923. Serial No. 627,268. 5 Claims. (Cl. 116—63.)



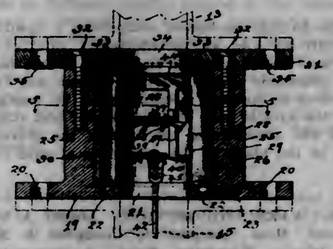
3. A traffic semaphore comprising a casing having walls provided with directional indicia, shutters hinged relatively to said walls and superposable thereon, a fulcrumed lever, links connected with shutters aforesaid and with said lever on one side of said fulcrum, and links connected with shutters aforesaid and with said lever on the other side of said fulcrum.

1,577,703. METHOD OF CLEANING AND CHARGING AIR FILTERS. JOHN H. FLEMING, New York, N. Y. Filed Oct. 17, 1925. Serial No. 63,201. 2 Claims. (Cl. 183—44.)



1. The process of washing and charging air filter mediums by alternately subjecting the top and bottom of the same to a spray of water and then to a spray of viscous material.

1,577,704. VAPORIZER AND SEPARATOR. EDWARD R. FLEMING, Baltimore, Md. Filed Mar. 11, 1925. Serial No. 14,761. 8 Claims. (Cl. 48—180.)



1. In a vaporizer for internal combustion engines that employ a carbureter and a throttle valve mechanism, the combination with a cylindrical structure through which the mixture from the carbureter passes said structure having rotary means for whirling the mixture, screen means in said structure through which the mixture is passed to separate condensed particles of liquid therefrom and means actuated by the throttle-valve mechanism for varying the size of the passage in said cylindric structure as the throttle valve is moved.

1,577,705. ROLLER BEARING. JOHN F. FOSTER, Fort Madison, Iowa. Filed Oct. 8, 1923. Serial No. 667,195. 3 Claims. (Cl. 308—216.)

1. A roller bearing, comprising outer and inner bearing members, an outer shell between said bearing members, an inner shell within said outer shell, said inner and outer shells being formed with a series of openings, a series of rollers mounted in said openings, the openings in said inner shell being of width substantially equal to the diameters of the rollers, and the openings in the outer shell being provided with flanges for preventing



the ejectment of the rollers from their respective openings in the inner shell and to support said inner shell with the medial line of the opposite edges of each of its openings in substantially the circular plane of the axes of the rollers.

1,577,706. PUMP ATTACHMENT. BERT C. FOWLER, Huntington Beach, Calif. Filed Mar. 5, 1924. Serial No. 697,082. 6 Claims. (Cl. 103—180.)



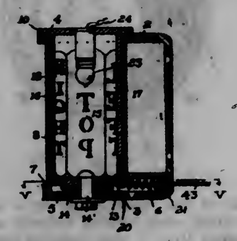
1. In a pump, a relatively movable fluid pumping element, a relatively stationary standing valve having a movable valve stopper, and fluid pressure means operated by the movable element and adapted to move the stopper,

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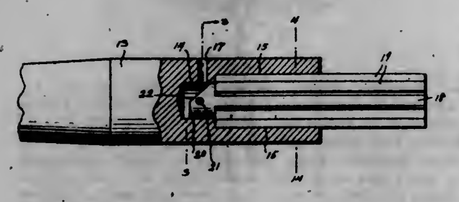
1,577,707. SIGNALING DEVICE FOR MOTOR VEHICLES. JAMES A. FOX, Warren, Ohio. Filed Mar. 24, 1924. Serial No. 701,821. 1 Claim. (Cl. 116—63.)

In combination, a signaling apparatus for motor vehicles comprising a bracket including a horizontally disposed upper arm and a horizontally disposed lower arm, said upper arm having an enlarged outer end formed with a large opening and said lower arm having

an enlarged outer end, a cylindrical casing mounted on the said enlarged outer end of said lower arm and extending vertically into the said opening in the enlarged outer end of said upper arm, said casing provided with a pair of vertically extending lenses disposed diametrically relatively to each other on respective front and rear sides of said casing, a vertically disposed cylinder mounted in said casing and rotatably connected to the said enlarged outer end of said lower arm, said cylinder hexagonal-shaped in transverse cross section, corresponding signal designations formed on each pair of diametrically opposed side walls of said cylinder, a cover plate for said casing secured to the enlarged outer end of said upper bracket arm, an illuminating lamp carried by said cover plate and depending into said cylinder, a spring member carried in said lower bracket arm and connected with said cylinder for normally maintaining a pair of opposed designations in registration with said lenses means for shifting said cylinder in said casing to selectively position the other of said designations in registration with said lenses, means for illuminating said lamp, and means for limiting the shiftable movement of said cylinder in said casing, substantially as described and for the purpose set forth.

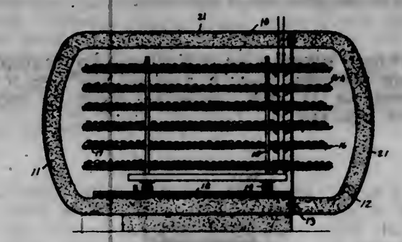


1,577,708. SECTIONAL JOINT. ERNEST W. GALLENKAMP, Connersville, Ind. Filed Oct. 6, 1923. Serial No. 666,953. 3 Claims. (Cl. 287—53.)



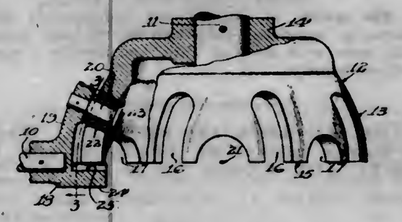
1. In a vehicle axle, a main body formed at its end with an axial socket and having a plurality of grooves in the wall thereof, said grooves terminating at a point short of the bottom of the socket, the body having a transverse hole leading into the ungrooved portion of the socket, a ribbed stub engaged within the grooved portion of the socket and having a reduced smooth extension fitting within the ungrooved portion of the socket, the extension having a beveled face opposite said transverse hole, and a removable pin extending transversely through the body and the extension at right angles to said hole and serving to prevent longitudinal movement of the stub, said hole serving to permit the insertion of a punch adapted to be engaged with said beveled face for driving out the stub.

1,577,709. VACUUM DEHYDRATOR. CHARLES E. GLESSNER, Portland, Oreg. Filed July 21, 1923. Serial No. 652,919. 1 Claim. (Cl. 34—30.)



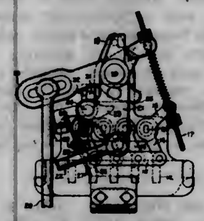
The combination of a vacuum pump with a concrete container of sufficient strength and density to withstand atmospheric pressure, and an electrically heated truck provided with shelves adapted to transport food to and from said container and to hold said food during the drying operation.

1,577,710. MECHANICAL MOVEMENT. MORRIS GOLDBERGER, Chicago, Ill., assignor to Cresco Creamery Supply Co., Chicago, Ill., a Corporation of Illinois. Original application filed Feb. 5, 1921, Serial No. 442,738. Divided and this application filed Mar. 8, 1922. Serial No. 541,966. 9 Claims. (Cl. 74—7.)



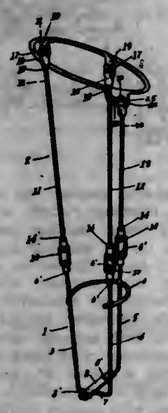
1. A mechanical movement comprising a continuously rotative driving and an intermittently rotative driven element, said driven element embracing a unit having a series of angularly spaced driving recesses, and the said driving element having a crank stud to engage said recesses, the axes of said driving element and stud being radial to and intersecting the axis of the driven unit, which is in the plane of the open ends of said recesses.

1,577,711. WARP STOP MOTION. ALBERT A. GORDON, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed June 25, 1924. Serial No. 722,410. 1 Claim. (Cl. 139—360.)



In a warp stop motion, a regularly moving actuator traveling in a fixed path, a pivotally mounted knock-off lever, a pawl pivoted to the lever and normally lying in the path of the actuator, a fixed abutment, means to move the pawl out of the path of the actuator under normal conditions at the beginning of the stroke of the actuator and to permit the pawl to remain in the path of the actuator at warp fault to cause said lever to be moved with the actuator, the movement of said lever with the actuator carrying the pawl against the abutment to move the pawl out of the path of the actuator as the latter nears the end of its working stroke.

1,577,712. FRACTURE FRAME. JAMES M. GRAHAM, Atlanta, Ga. Filed May 9, 1923. Serial No. 637,739. 5 Claims. (Cl. 128—85.)



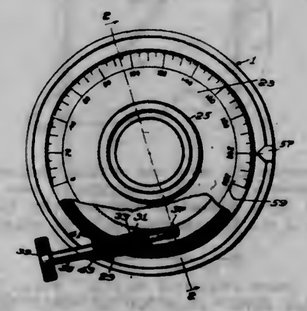
1. In a device of the class described, comprising a frame extending from the region of the pelvis to and across the sole of the foot, means for releasably attaching the foot to said frame, means for arbitrarily extending said frame, including two removably attached extension rods of different lengths located at the front of the frame and a shorter rod spaced rearwardly therefrom and located midway therebetween, a ring adapted to receive the thigh of the leg and abut against the trunk of the body, a laterally adjustable pivotal connection between said ring and said shorter rod, and a detachable connection between each of said extension rods and said ring whereby said extension rods may be detached and interchanged.

1,577,713. DIRECTION INDICATOR. THOMAS H. HALE, Spokane, Wash. Filed Mar. 2, 1925. Serial No. 12,541. 2 Claims. (Cl. 116—54.)



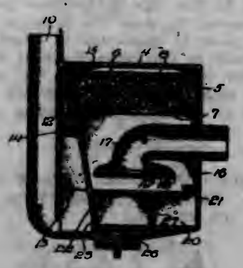
1. A direction indicator comprising a support, a housing secured thereto, a rock shaft journaled through said support and having a bearing in a part of said housing, an extension formed laterally on said rock shaft, a semaphore arm mounted in said extension, an operating handle connected to said rock shaft at one side of said support, means for adjusting said operating handle longitudinally of said rock shaft, and a spring detent carried by said support for engaging said rock shaft extension to retain the semaphore arm in any of a plurality of positions.

1,577,714. RADIO TUNING DEVICE. ARTHUR C. HAYDAN, Brockton, Mass. Filed Apr. 27, 1925. Serial No. 26,022. 6 Claims. (Cl. 74—7.)



4. A radio tuning device comprising a base having a recess therein and a rim surrounding the recess, a worm and worm gear mounted in the recess, an adjusting shaft projecting through the worm gear, a handle fast on said shaft for rotatively adjusting the same, a shaft for the worm, a handle for the worm shaft, and frictional means whereby the worm gear may impart rotative adjustment to the adjusting shaft.

1,577,715. AIR CLEANER FOR INTERNAL-COMBUSTION ENGINES. ROBERT O. HENDRICKSON, Racine, Wis., assignor to J. I. Case Plow Works Company, Racine, Wis., a Corporation of Delaware. Filed Apr. 20, 1921. Serial No. 463,074. 5 Claims. (Cl. 183—45.)



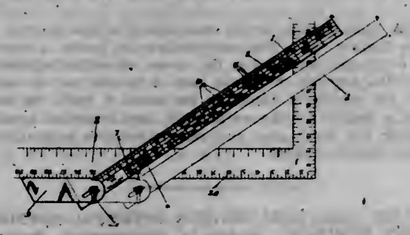
1. An air cleaner comprising a filter chamber having an air inlet and an air outlet, fibrous material in said chamber, an oil chamber beneath the same to receive the oil dripping from said fibrous material, an air passage adjacent the oil chamber and leading to the chamber containing the fibrous material, there being an unobstructed passage for oil between said chamber and said air passage, and an outlet for air intermediate the filter and oil chamber.

1,577,716. PROTECTOR FOR SHOES AND STOCKINGS. RUTH HERRICK, Minneapolis, Minn. Filed Oct. 27, 1924. Serial No. 746,012. 3 Claims. (Cl. 36—72.)



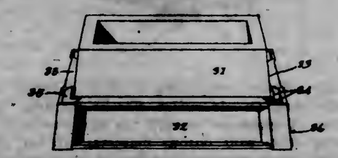
1. A protector for shoes and stockings adapted to be worn underneath overshoes comprising a boot of thin fabric and tapes secured to opposite sides thereof in position to be tied over the stocking of the wearer.

1,577,717. ROOF-FRAMING SCALE. FRANK F. HIBBARD, Lodi, Calif. Filed Oct. 29, 1923. Serial No. 671,311. 1 Claim. (Cl. 33—94.)



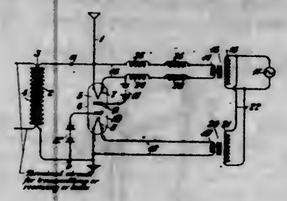
A roof-framing calculator for use in connection with an ordinary carpenter's square comprising a scale calibrated along one edge to correspond with the edge calibrations on the square, rows of figures under the edge calibrations precalculated to represent hip rafter lengths of different pitches corresponding to main rafter lengths as determined by the edge calibrations and a pair of indicia numbers on the scale for each row of figures; said numbers being in proportion to lengths along the legs of the square so that when the scale is laid across the square and its edge intersects the edges of the square-legs at such lengths, the scale will be disposed on the square at an angle corresponding to a desired pitch of roof.

1,577,718. MOLD CONTAINER. JAMES F. HINES, Lakewood, Ohio. Filed Jan. 2, 1926. Serial No. 78,796. 11 Claims. (Cl. 22—116.)



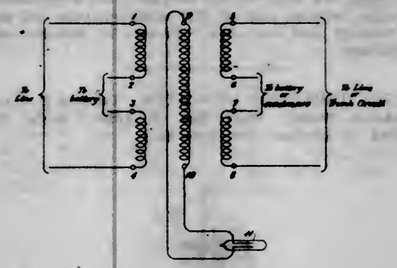
1. A joint securing together two substantially non-integrated members of a metal mold container, comprising cooperating joint sections formed one on each of said members, and abutting, and formed to provide a recess between said sections, and a metal tie cast in said recess and effective alone to hold said members firmly and fixedly rigidly assembled.

1,577,719. ELECTRICAL PROTECTIVE DEVICE. WILLIAM H. T. HOLDEN, Brooklyn, N. Y., assignor to American Telephone & Telegraph Company, a Corporation of New York. Filed Dec. 30, 1922, Serial No. 609,889. Renewed Oct. 9, 1925. 9 Claims. (Cl. 250—20.)



1. In a radio signaling system, the combination with an antenna, of a terminal circuit, a coupling transformer having an antenna winding connected with the said antenna and a circuit winding connected with the said terminal circuit and a thermionic protective device bridged across the said antenna winding, the said protective device having an evacuated sealed envelope containing a cathode individual to and connected with each terminal of the said antenna winding, a grid individual to and connected with each terminal of the said antenna winding, a source of current for heating said cathodes, a source of potential to negatively bias each of the said grids with respect to the nearer cathode and means to prevent the flow of antenna currents over the circuit connecting the said source of heating current with the said cathodes.

1,577,720. ACOUSTIC SHOCK ABSORBER FOR TELEPHONE LINES. WILLIAM H. T. HOLDEN, Brooklyn, N. Y., assignor to American Telephone & Telegraph Company, a Corporation of New York. Filed May 29, 1924. Serial No. 714,696. 10 Claims. (Cl. 179—78.)

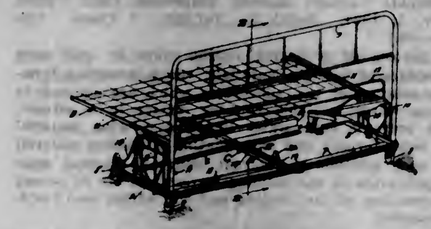


1. In association with a telephone line, a repeating coil comprising a plurality of talking windings of relatively low impedance and an additional winding of relatively high impedance, and a discharge device connected across the terminals of the high impedance winding.

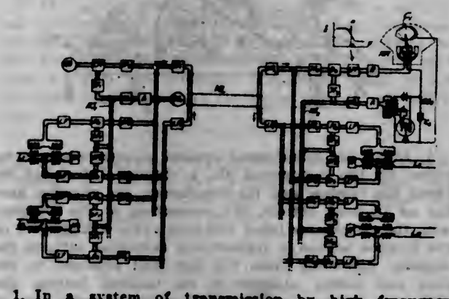
1,577,721. BED CONSTRUCTION. VERNE LAWRENCE HOLMES, Los Angeles, Calif. Filed Jan. 17, 1924. Serial No. 686,705. 2 Claims. (Cl. 5—168.)

1. In a folding bed having a carriage and a bed frame pivotally secured thereto, a horizontal stabilizing

leg pivoted intermediate its ends on said carriage, said leg having a supporting foot at one end and an offset abutment at the other end, said abutment being disposed to be engaged by said bed frame on raising the latter and to retract said leg, and means tending to project said leg into supporting position.



1,577,722. GENERATION AND CONTROL OF ELECTRIC WAVES. JOSEPH W. HORTON, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 24, 1922. Serial No. 556,179. 14 Claims. (Cl. 179—15.)



1. In a system of transmission by high frequency waves, the method of coordinating separate wave sources in separate stations comprising modulating a wave derived from a source at a sending station by a relatively low frequency wave, transmitting the wave so modulated to a distant receiving station, demodulating the received wave by combining it with a wave derived from a source at the receiving station to produce a low frequency wave having a normal frequency when said sources are in exact synchronism and a frequency different from normal when said sources are out of synchronism, and controlling the frequency of the wave generated at said receiving station in accordance with deviations of the demodulated low frequency wave from its normal frequency.

1,577,723. PROCESS OF MAKING ORGANIC-ACID SOAP FROM MINERAL OILS. HOWARD M. HUGHES, Chester, Pa., assignor to Sun Oil Company, Philadelphia, Pa., a Corporation of New Jersey. Filed July 2, 1918. Serial No. 242,969. 3 Claims. (Cl. 87—9.)

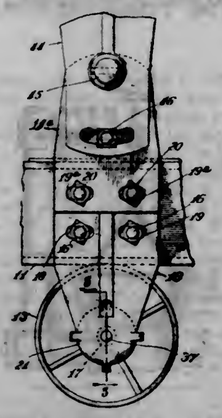
1. The process of making cutting oil exclusively from mineral oil which comprises distilling from crude petroleum a relatively heavy distillate adapted for lubricating oil stock, treating the same with a mineral acid, drawing off the precipitate, treating the remaining body of acid-containing oil with an alkali, separating out the precipitated emulsion comprising soap, salt water, and some free alkali and unsaponifiable mineral oil, decomposing the soap with a relatively weak solution of a mineral acid, separating out the precipitate of water and salts, saponifying the remaining product, and mixing it with mineral oil, thereby producing a cutting oil which, when mixed with water, forms a milk-white and substantially perfect emulsion.

1,577,724. DISPLAY STAND FOR SOAP BOXES. WALTER S. JENKINS, Brooklyn, N. Y., assignor to Colgate & Company, New York, N. Y., a Corporation of New Jersey. Filed Aug. 4, 1925. Serial No. 48,025. 2 Claims. (Cl. 211—24.)



2. A display stand adapted to support a soap box or the like, comprising two units, each embodying two vertical bars and upper and lower cross members, a cross member of one unit being adapted to interlock with a corresponding cross member of the second unit, so that the units may be rigidly connected or separated at will, a vertical bar of one unit being formed with a longitudinal channel, and a vertical bar of the second unit being formed with a like channel, and a sheet or panel removably fitted within said channel.

1,577,725. TROUGH BELT CONVEYER. FRANK JONES, Salt Lake City, Utah, assignor, by mesne assignments, of one-half to Inland Engineering Company, a Corporation of Illinois. Filed Sept. 7, 1923. Serial No. 661,398. 4 Claims. (Cl. 198—192.)

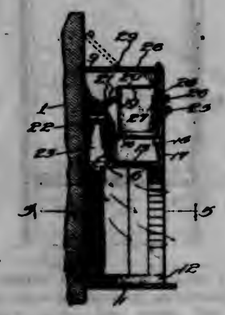


1. In a conveyer apparatus, the combination with a flexible belt of a main frame, a plurality of angularly disposed revoluble members for supporting the belt, a transverse frame member on which said revoluble members are supported, brackets longitudinally adjustable on the main frame, and brackets depending from the transverse frame and pivotally secured to the first men-

tioned brackets, whereby the angularly disposed revoluble members may be adjusted longitudinally of the belt and also rotatably adjusted about a transverse horizontal axis.

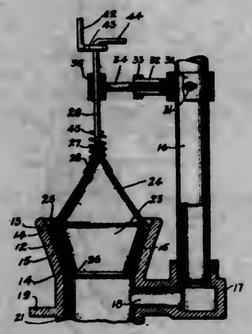
1,577,726. [WITHDRAWN.]

1,577,727. COMBINATION FIREPLACE AND CONTAINER FOR RADIO RECEIVING SETS. FRED W. KARGE, Chicago, Ill. Filed Apr. 20, 1925. Serial No. 24,711. 3 Claims. (Cl. 250—16.)



1. A construction of the character described, comprising front and side walls and arch of a fireplace, a supporting structure above the arch for a radio receiving set and accessories, manually operable regulating means for the set mounted on the exposed surface of a wall of said fireplace having connections through the wall with said accessories, and an amplifying device connected with the set for discharging sound into the space formed by the arch.

1,577,728. FLUSH-TANK-VALVE MECHANISM. JACOB S. KATZIN, Newark, N. J., assignor of one-half to Morris Mandelstein, Newark, N. J. Filed Apr. 17, 1925. Serial No. 23,782. 2 Claims. (Cl. 4—56.)

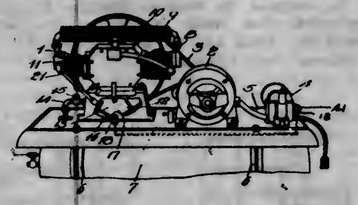


1. In a flush tank, the combination of a frusto-conical valve having seating rings at the upper and at the lower ends thereof, a frusto-conical valve seat within which said valve is arranged to seat and with the ring portions thereof alone in contact with said seat, and means for mounting said valve axially of said seat and to permit the same to be lowered thereinto through the operation of gravity upon the valve.

1,577,729. PROCESS FOR THE PRODUCTION OF LASTING COLORED STAINS IN AND UPON THE SURFACE OF CEMENT OR OTHER BUILDING MATERIAL. JULIUS KOENIG, Hollywood, Calif. Filed Nov. 1, 1924. Serial No. 747,398. 1 Claim. (Cl. 91—68.)

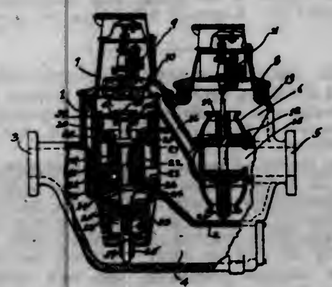
A process of producing lasting stain in and upon the surface of building materials, which comprises forming a solution of two substances which are adapted to form a water insoluble coloring matter in a solvent, which prevents such water insoluble coloring material from being formed, and impregnating a building material with such solution, the solvent being one adapted upon its application to the building material to act to permit the formation of the coloring material within said building material.

1,577,730. AIR-COMPRESSING SYSTEM. HORACE H. KOUKA, Chicago, Ill., assignor to Champion Pneumatic Machinery Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 14, 1920. Serial No. 403,466. 3 Claims. (Cl. 230—6.)



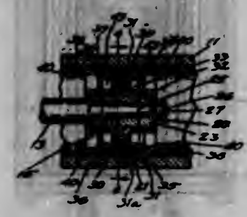
1. In an air compressing system, a compressor, a receiver for the compressed air, a chamber interposed between the receiver and the compressor, the chamber having an inclined bottom, the connection of the chamber with the compressor being arranged above a high part of the inclined bottom, a transversely extending baffle in the chamber depending from the top wall adjacent to the inlet and ending adjacent to the inclined bottom, the outlet for the receiver arranged on the opposite side of said baffle to cause the air to flow in contact with the inclined bottom and to deposit thereon any carried liquid, and means for discharging collected liquid from said chamber.

1,577,731. COMPOUND METER VALVE. EMIL M. KRUEGER, Milwaukee, Wis., assignor to Badger Meter Mfg. Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed June 23, 1921. Serial No. 479,769. 4 Claims. (Cl. 73—167.)



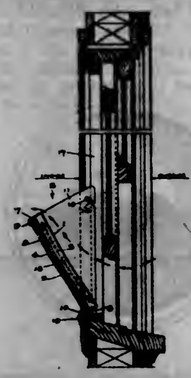
1. In a meter mechanism, a valve casing provided with a pair of axially aligned valve seats and with a port between said seats, a tubular valve adapted to rest simultaneously upon both seats and provided with end faces of different diameters whereby said valve will normally be held upon its seats by liquid pressure, and an auxiliary valve operable by a predetermined flow of liquid thru the tubular valve to close the passage therethru, whereby the pressure upon the larger face of said tubular valve will be cut off.

1,577,732. PISTON FOR SLUSH PUMPS. CHARLES LAMB, Los Angeles, Calif., assignor to West American Rubber Company, Inc., Los Angeles, Calif., a Corporation of California. Filed Sept. 14, 1925. Serial No. 56,205. 8 Claims. (Cl. 74—109.)



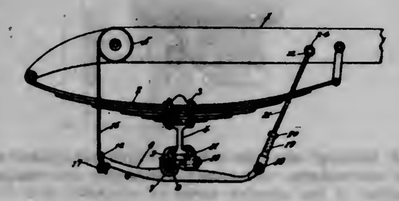
1. In a pump piston, the combination of: a metallic hub comprising a cylindrical nave and a radial flange extending from said nave; and a packer moulded on said hub comprising an inner band formed around said nave, a radial wall enclosing said radial flange, and a peripheral wall formed at the outer part of said radial wall.

1,577,733. DRAFT DEFLECTOR FOR WINDOWS. JAMES B. LAMONT and FERDINAND A. LORENZ, San Francisco, Calif. Filed Jan. 31, 1925. Serial No. 6,093. 1 Claim. (Cl. 98—31.)



In a device of the character described, comprising, in combination with a window casement, attaching-screws mounted in the casement frame, and a pair of slidable frames carrying window panes, said frames comprising end pieces and connecting pieces, triangular end brackets carried by the outer end pieces, said outer end pieces being offset with respect to their respective connecting pieces and thereby adapted to lie in a common plane when telescoped or extended, one of said frames being provided with channelled guide-ways secured to its upper and lower edges to receive the other of said frames, one of said frames being provided with a stop-pin adapted to extend into the path of the end-piece of the other frame to limit the movement of said frames relative to each other, said triangular brackets being provided at their upper edges with obliquely arranged slots open at their outer ends and adapted for adjustable engagement with said attaching-screws.

1,577,734. SHOCK ABSORBER. RUPERT H. LANGDALE, Cincinnati, Ohio. Filed Feb. 21, 1925. Serial No. 10,960. 8 Claims. (Cl. 267—10.)



1. In a mounting device in combination with a shock absorber on a vehicle, a lever with means for mounting the fulcrum of said lever on the axle of the vehicle, the one arm of the lever adapted to retain the resilient connecting member of the shock absorber, and the other arm of the lever adapted to retain one end of an adjustable rod with means for pivotally mounting the other end of said rod in a desired position on the frame of the vehicle.

1,577,735. VALVE-TRUING TOOL. EDWARD LAPARLE, Oakland, Calif. Filed Aug. 27, 1919. Serial No. 320,235. 1 Claim. (Cl. 82—1.)



A valve truing tool comprising a pair of jaws pivotally connected adjacent one edge and arranged to be longitudinally disposed along the valve stem, a plurality of longitudinally spaced teeth on the inner side of each jaw arranged to cooperatively engage only full-sized portions of said stem throughout its length, the teeth of each jaw being arranged to engage in the spaces between the teeth of the other jaw, a cutting member adjustably secured to one end of one of said jaws and having its cutting portion positioned to lie in the path of the valve face when the valve is operatively held in the tool, means resiliently urging said jaws apart a single means for holding said jaws together to retain the teeth in engagement with said stem and means provided on the jaw carrying said cutting member for limiting the movement of the valve against said cutting member.

1,577,736. SHORT CIRCUITER. EVERETT P. LARSH, Dayton, Ohio. Filed Feb. 15, 1924. Serial No. 693,020. 7 Claims. (Cl. 172—279.)

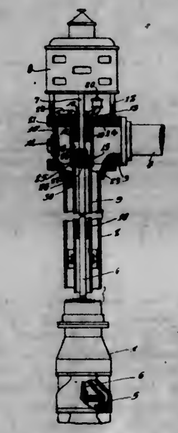
1. In a short circuiter for motor commutators, an annular series of weights disposed concentrically and radially in relation with the armature shaft, and movable radially in relation thereto under centrifugal influence, a flexible contractile band circumferentially sur-

rounding the series of weights against the tension of which the weights move radially under centrifugal influence to effect the short circuiting of the commutator.



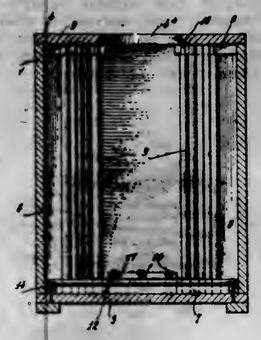
and a yielding mounted indexible band interposed between the weights and spring restraining the unequal distension of the annular series of weights.

1,577,737. MEANS FOR FACILITATING THE REMOVAL OR DISASSEMBLING OF ROTARY PUMP MECHANISM. MARLON E. LAYNE, Houston, Tex., and SAMUEL N. HALL, South Pasadena, Calif., assignors to Layne & Bowler Corporation, Los Angeles, Calif., a Corporation of California. Filed June 23, 1924. Serial No. 721,746. 3 Claims. (Cl. 103—102.)



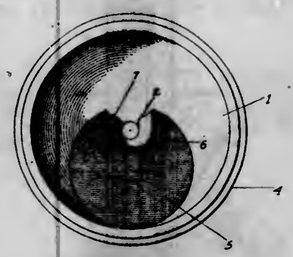
1. In a deep well rotary pump mechanism, the combination of a rotary pump, a discharge casing suspending the pump and extending vertically, a pump shaft extending vertically from the pump and within the discharge casing, a casing enclosing the pump shaft, a discharge head connected to the upper end of the discharge casing, an electric motor mounted upon the casing head and having a motor shaft axially aligned with the pump shaft, means connecting the motor shaft to the pump shaft, said means being disposed within the discharge head, a detachable packing box connected to the upper end of the shaft-enclosing casing and forming a cap for the discharge head, said packing box being upwardly movable to permit the coupling of the pump shaft and motor shaft, the casing head being provided with a wrench-admitting opening.

1,577,738. CONTAINER. CHARLES LEFKOWITZ, Newark, N. J. Filed Mar. 7, 1925. Serial No. 13,678. 6 Claims. (Cl. 217—52.)



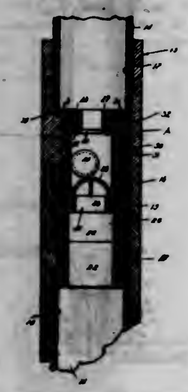
1. A container provided with retainers comprising blocks located in the corners at the bottom thereof, said retainers having annularly disposed openings, retainers comprising blocks located in the corners at the top of the container provided with annularly disposed openings, and bars vertically disposed within the container and having their ends located in the corresponding openings of the retainers.

1,577,739. HEADLIGHT REFLECTOR. HARRIS F. LOUKES, Stockton, Calif. Filed May 2, 1925. Serial No. 27,445. 1 Claim. (Cl. 240—41.)



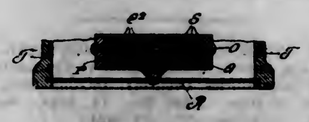
A headlight reflector comprising a main parabolic member having a central opening to receive the socket of a light bulb, said bulb being arranged to be disposed inwardly of the reflector and being larger than said opening, an auxiliary flat reflecting element extending transversely of the main reflector from a point above the light therein toward the bottom rim of said main reflector; said auxiliary reflector at its upper end being cut away to form a U-shaped opening of greater width than the light, and whose lower periphery is concentric with the central opening in the main reflector, and a reflecting surface extending straight from the edges of said U-shaped opening to said central opening.

1,577,740. DEVICE FOR USE IN CONNECTION WITH DRILLING TOOLS. HARRY M. MACOMBER, Downey, and HOMER H. PERON, Fullerton, Calif. Filed July 23, 1923. Serial No. 653,088. 7 Claims. (Cl. 166—4.)



1. In combination with drilling tools, a seat in the tools, a valve member to cooperate with the seat to prevent flow of fluid upwardly through the tools, and means for allowing some flow upwardly in the tools when the valve member is in cooperative engagement with the seat.

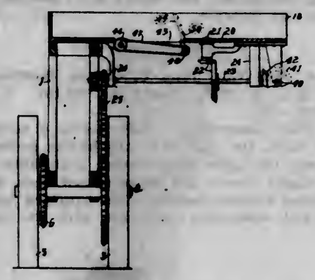
1,577,741. ELECTROMAGNETIC SOUND APPARATUS. ALARD DU BOIS-REYMOND, Pion, near Kiel, and LEONID ADELMANN, Kiel, Germany, assignors to the Firm Signal Gesellschaft m. b. H., Kiel, Germany. Filed Jan. 5, 1921. Serial No. 435,297. 5 Claims. (Cl. 177—386.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



5. An electromagnetic system comprising a vibrating member and laminated iron electromagnet cores adapted to cooperate with the vibrating member, said laminæ having lateral fixing lugs outside of the normal magnetic flux path and being welded together at the outer edges of said lugs.

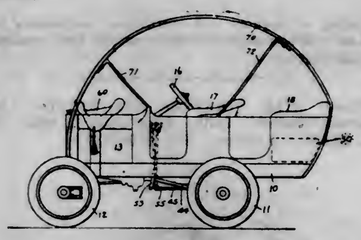
1,577,742. BEET TOPPER. ABILIO F. GARCIA, Santa Clara, Calif. Filed Oct. 8, 1925. Serial No. 61,206. 5 Claims. (Cl. 146—85.)

1. In a beet topper, a table, a cutter element operatively mounted parallel with and in close proximity to the bottom thereof, a belt operatively mounted on the table to move in a plane parallel to the cutter and adjacent thereto, spaced beet engaging elements mounted on said belt and arranged to support the beets at right angles to the cutter, resilient means mounted in opposed relation to said belt and adjacent to said cutter and



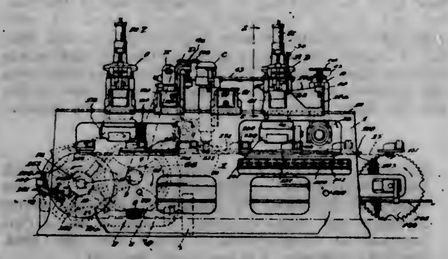
adapted to engage the beets carried thereby, and means for operating the belt and cutter in coordinate relation with each other.

1,577,743. BUCKING AUTOMOBILE. PURK T. GOSSETT, Frankfort, Ind., assignor to Alonzo P. Green and Robert J. Moran, both of Attica, Ind. Filed Nov. 26, 1923. Serial No. 677,065. 14 Claims. (Cl. 180—1.)



1. A bucking automobile including the combination with the front axle and front wheels, of means for mounting the axle in the wheels that is movable outwardly from the center of each wheel for decentering the wheel, releasable means mounted in each wheel for locking the axle-mounting means in a central position, and means mounted in each wheel for locking the axle mounting means in a decentered position.

1,577,744. AUTOMATIC MACHINE FOR CUTTING DOOR STILES. GEORGE W. GOULD and MONTE B. GATHMAN, Detroit, Mich., assignors to Fisher Body Corporation, Detroit, Mich., a Corporation of New York. Filed Dec. 7, 1923. Serial No. 679,184. 33 Claims. (Cl. 144—3.)

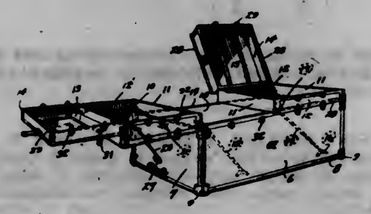


1. In a machine for the purpose specified, the combination of means for moving door pillars through the machine, means for shaping the pillars traveling longi-

tudinally thereof means for cutting off the pillars to length, means for cross gaining the pillars, means for grooving the end of the pillars, means for longitudinally rabbeting the pillars, and means for releasing the pillars from the conveyor.

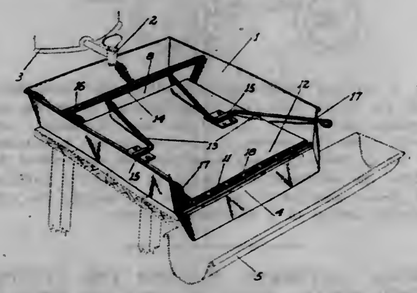
1,577,745. TRUNK. JOHN C. GRIDER, Berkeley, Calif. Filed May 9, 1925. Serial No. 29,162. 2 Claims. (Cl. 190—19.)

1. A trunk comprising a body having a bottom, side and end walls, the said side walls having pockets opening through the upper edges thereof, a plurality of trays having hinged covers and superimposed upon the body and forming a cover therefor, links arranged within the pockets and connecting the trays with the body and



permitting of angular and rectilinear movements of the trays in a direction outwardly from the body and beyond the ends thereof.

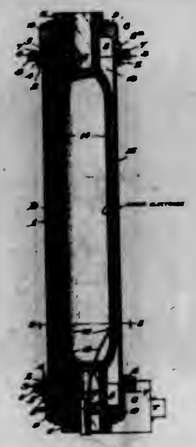
1,577,746. MILK STRAINER AND FILTER. HENRY HANSEN, Modesto, Calif. Filed June 1, 1925. Serial No. 33,961. 8 Claims. (Cl. 210—157.)



1. A liquid filter including a pan having an outlet at one end and adapted at its opposite end to receive the liquid to be filtered whereby such liquid will tend to flow from the receiving to the outlet end of the pan, the pan having longitudinal grooves closed at their rear ends, a filtering element over the grooves and making a closure with the rear ends thereof, and means whereby liquid received into the pan can pass only along the grooves, whereby to reach the outlet end of the pan the liquid must pass upwardly through the element.

1,577,747. AIR-COOLED GENERATING UNIT FOR LOW-FREQUENCY APPARATUS. HARRY BUXTON HARTMAN, Scottdale, Pa., assignor to Electric Water Sterilizer and Ozone Company, Scottdale, Pa., a Corporation of Pennsylvania. Filed Oct. 29, 1924. Serial No. 746,692. 8 Claims. (Cl. 204—32.)

1. A tubular ozone generator including a tubular electrode, end caps fitted thereto and having ports, and a tubular dielectric member carried by said end caps and cooperating with said electrode to provide a relatively constricted ozone generating chamber, a metallic electrode carried by the inside face of the tubular



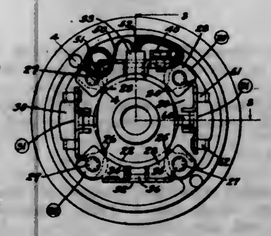
dielectric, and means for establishing electrical connection with the electrode carried within the tubular dielectric member.

1,577,748. ELECTRICAL CONDENSER. DIMMITT ROSS LOVEJOY, New York, N. Y., assignor to Lovejoy Development Corporation, New York, N. Y., a Corporation of New York. Filed Aug. 14, 1924. Serial No. 732,022. 2 Claims. (Cl. 250—41.)



1. In a fixed condenser, the combination of an inner cylindrical core forming one electrode, an outer tube surrounding the core forming the other electrode, and insulating collars having conical surfaces whereby the electrodes are held rigidly concentric.

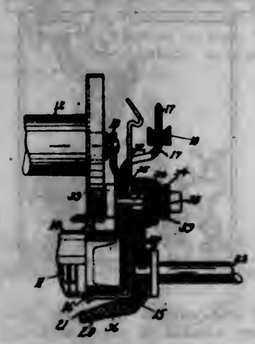
1,577,749. COMMUTATOR-BRUSH MOUNTING. JERRY MCDONALD, Dayton, Ohio, assignor to The Dayton Engineering Laboratories Company, Dayton, Ohio, a Corporation of Ohio. Filed Mar. 14, 1924. Serial No. 699,162. 5 Claims. (Cl. 171—324.)



2. In an electric dynamo having a stationary frame and four commutator brushes mounted thereupon, in combination, four supporting brackets for said brushes arranged about the axis of rotation of the dynamo, each

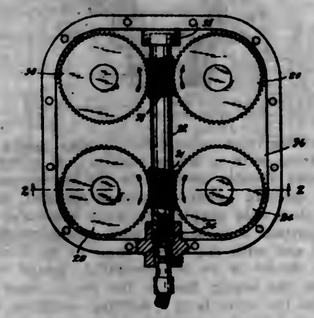
bracket having portions mutually overlapping the two adjacent brackets, and securing means passing through said overlapping portions for securing said brackets to the stationary frame, two of said brackets being insulated from said securing means.

1,577,750. TUBE FRAME. BENJAMIN F. MCGUINNESS, Grafton, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed Nov. 6, 1923. Serial No. 673,183. 13 Claims. (Cl. 139—10.)



1. In a tube frame for Axminster looms, a longitudinally extending frame member, a chain engaging element rigid with respect to the member, and a chain engaging hook mounted for sliding movement with respect to the member element, said hook being movable as a whole toward and from the said element, and all portions of said hook having substantially the same amount of motion.

1,577,751. MECHANISM FOR MASSAGING. BENJAMIN STUART PARCHALL, Seattle, Wash. Filed Aug. 9, 1921. Serial No. 490,852. 21 Claims. (Cl. 128—51.)



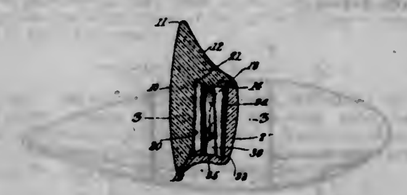
1. A device of the character described including a plurality of applicators each movable bodily about an endless path, and means for operating said applicators to cause them to move in unison, and alternately towards and from every applicator in succession.

1,577,752. ELASTIC GARMENT. JOSEPH T. PRICE, Philadelphia, Pa., assignor to Horn Surgical Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed July 28, 1922. Serial No. 578,041. 9 Claims. (Cl. 16—172.)



1. As a new article of manufacture, a garment characterized by an integrally-knit ornamental edging of tucked stitches and elastic inlay thread.

1,577,753. ARTIFICIAL TOOTH AND KEY. MAURICE M. RAPKIN, New York, N. Y. Filed Dec. 9, 1924. Serial No. 754,728. 4 Claims. (Cl. 32—9.)



1. An artificial tooth comprising a labial facing and a support therefor having flat juxtaposed median surfaces, said surfaces containing longitudinal recesses having parallel sides and communicating with undercut recesses of wedge shaped formation, the undercut recess in said facing being wider at its open cervical end and the corresponding undercut recess in said support being tapered reversely thereto, said undercut recesses having concavely curved bottoms, a reversible key having flanged edges fitting the recesses indiscriminately to extend level with the cervical end of the tooth, and a groove formed in the convex portions of said key to extend centrally throughout the length thereof.

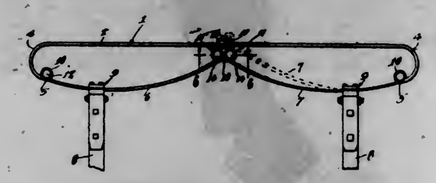
1,577,754. SWITCH-CONTROLLED ILLUMINATED FOUNTAIN PEN. FRANK RAUCH, Brooklyn, N. Y. Substitute for application Serial No. 340,503. Filed Nov. 25, 1919. This application filed June 29, 1925. Serial No. 40,444. 3 Claims. (Cl. 240—6.4.)



1. A fountain pen comprising a casing, a source of electrical energy in said casing, a switch controlling the current therefrom, a cap engageable with said casing, a

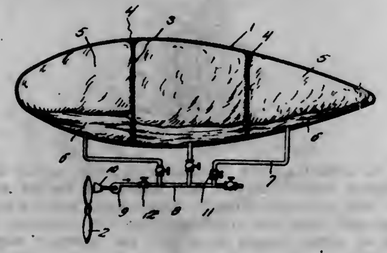
lamp embedded in said casing except at its face, said lamp being disposed over the pen, and means within said cap adapted to receive, move and maintain said switch in open position when disposed on said casing.

1,577,755. BUMPER. JOHN B. RAUEN, Los Angeles, Calif., assignor to United States Bumper Company, Inc., Los Angeles, Calif., a Corporation of California. Filed May 20, 1925. Serial No. 31,612. 7 Claims. (Cl. 293—55.)



1. In a bumper, a forward impact section comprising a plurality of spaced bars, and a rear supporting section including a pair of separate bars connected at their outer ends to the forward impact section, and connected at their inner ends in strained condition to the forward impact section intermediate the ends thereof.

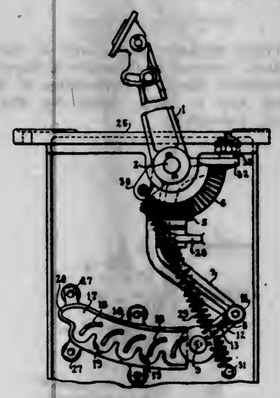
1,577,756. BALLOON. IRVIN W. REAGAN, Elfers, Fla. Filed Dec. 10, 1924. Serial No. 755,001. 2 Claims. (Cl. 244—3.)



1. A balloon including in combination with the usual propeller associated therewith, an imperforated envelope, partitions in the envelope dividing the same into a plurality of compartments, an inflated gas bag separate from and independent of the envelope in each compartment, an air bag separate from and independent of the envelope and gas bag in each compartment below the gas bag therein, means for inflating the air bag, said means including an air receiving and discharging member, disposed rearwardly of the propeller and communicating therewith, a feed pipe extending from said member, and distributor pipes connecting said air bags with the said feed pipe.

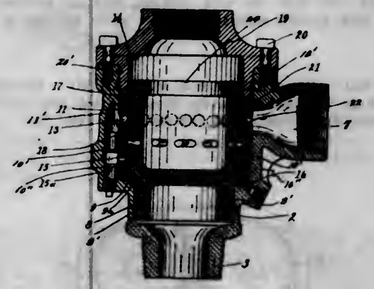
1,577,757. CHECKING MECHANISM. FREDERICK L. RE QUA, Waukegan, Ill., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed June 24, 1922. Serial No. 570,759. 5 Claims. (Cl. 74—88.)

3. The combination with a pivoted operating member, of means for checking said member in given positions, said means including a pivoted arm movable with said member and located at a point removed from the axis thereof, a pin carried by said arm, a series of vanes in the path of said pin to move the same in a plane parallel to the plane of movement of said operating member in opposite directions from a given normal position upon



movement of said member in reverse directions and a series of stops adapted to coact with said pin during movement thereof in a given direction between said vanes.

1,577,758. DRIFTING AND RELIEF VALVE. HUGO F. BIRKEN, Minneapolis, Minn., assignor of one-half to Charles A. McCulloch, Minneapolis, Minn. Filed Aug. 24, 1921. Serial No. 495,027. 5 Claims. (Cl. 121—137.)



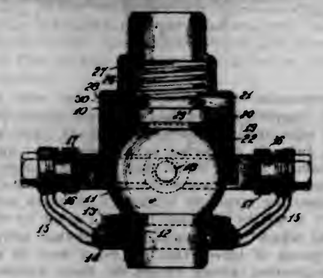
1. A drifting valve, comprising a valve casing in open communication with a steam supply line, a differential valve member slidably mounted in the casing, said valve having a drifting condition and a normal condition, means to close said supply line when the valve is in a normal condition, a passage in open communication with the casing and with the steam chest of an engine with which the device is to be associated, means to admit steam from the supply line to the steam chest of said engine when the valve is in a drifting condition, a steam by-pass opened by the operation of the valve to conduct steam from the steam supply line to an offset portion of the differential valve to sustain the valve in a drifting condition, and a chamber in open communication with said steam supply line when the valve is in a normal condition, said chamber having a bottom formed by an offset portion of the valve and a top formed by part of the casing to exert a downward pressure on the valve when in a normal condition.

1,577,759. MALLEABLE NONCORROSIVE CASING FOR AUTOMOBILE BUMPERS. CHARLES G. ROSS, Los Angeles, Calif., assignor of one-half to William L. Ross, Chicago, Ill. Filed Jan. 19, 1924. Serial No. 687,342. 10 Claims. (Cl. 293—55.)



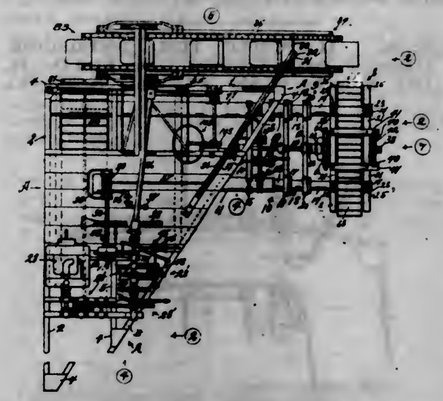
1. The combination of a bumper bar, surrounded by a thin snug fitting metal sheath.

1,577,760. FLEXIBLE JOINT. EDWARD A. RUSSELL, Chicago, Ill., assignor to Vapor Car Heating Company, Inc., Chicago, Ill., a Corporation of New York. Filed May 17, 1923, Serial No. 639,495. Renewed Aug. 31, 1925. 12 Claims. (Cl. 285—93.)



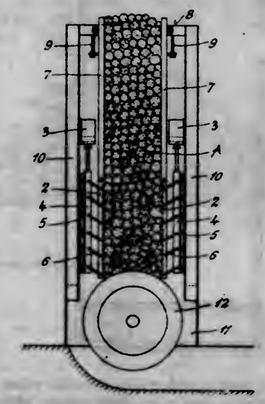
1. In a flexible joint, the combination of ball and socket members and a gasket arranged within the space between the inner end of the ball member and the interior surface of the socket member comprising a wedge-shaped body having a curved surface to fit the ball member, and an inwardly projecting lip of thinner and tougher material than the body and arranged to bear against the socket member.

1,577,761. DOUBLE-TRACK EXTENSIBLE DREDGER. CHARLES H. RUTH, Huntington, Park, Calif. Filed July 18, 1923. Serial No. 652,260. 28 Claims. (Cl. 37—85.)



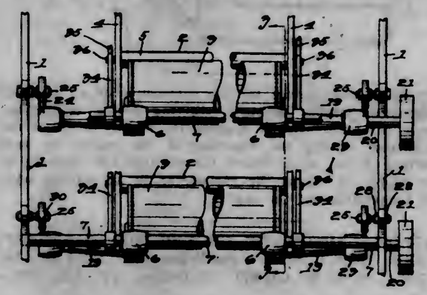
1. A dredger comprising a frame; a main track laying tractor supporting a major part of said frame; a flank track laying tractor for supporting a minor part of said frame; means for adjusting said flank tractor toward or from said main tractor; excavating appliance on said frame; and means for actuating said tractors to transport said frame and operate said excavating appliance.

1,577,762. MAGAZINE WOOD-PULP GRINDER. PEDER CHRISTIAN SCHAANNING, Vestre Holmen, near Christiania, Norway. Filed Sept. 23, 1924. Serial No. 739,244. 3 Claims. (Cl. 83—75.)



1. In a magazine wood pulp grinder, a rotating grindstone, a shaft-shaped magazine for the logs to be ground, two sets of longitudinal members forming at least a part of the walls of the magazine, log-gripping means associated with said members, said members and the log-gripping means being arranged to grip the sides of the logs in the magazine and means to reciprocate the two sets of members so that those of one set move toward the grindstone while those of the other set move away from it and vice versa.

1,577,763. DRIVE MECHANISM FOR WINDING MACHINES. JOSEPH F. SCHIMEK, Worcester, Mass., assignor to Cashiko Machine Company, Worcester, Mass., a Corporation of Massachusetts. Filed Sept. 30, 1925. Serial No. 59,734. 9 Claims. (Cl. 242—55.)

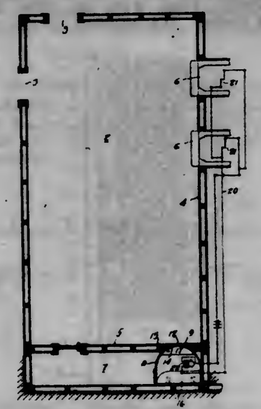


1. In a machine of the class described, a rotatably mounted drum, a winding spool having a central portion adapted to carry wound material in engagement with the periphery of said drum, and provided at its ends with enlarged heads embracing said drum, and a single rotatable shaft, with its axis disposed entirely outside the periphery of said drum, for applying a driving force thereto.

1,577,764. MEANS OF PROTECTION AGAINST ROBBERY IN BANKS AND THE LIKE. HOMER E. SHEPARD, Oakland, Calif. Filed Dec. 21, 1920. Serial No. 432,368. 1 Claim. (Cl. 20—1.01.)

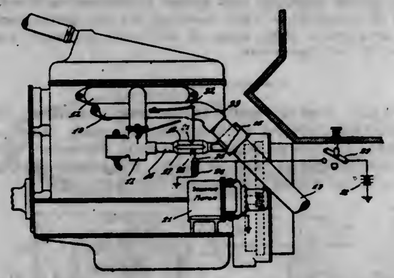
The combination with a corridor having an opening at the outer side of the corridor at one side and pro-

vided with a closed end, of an armored cage disposed at said end and having an aperture communicating with



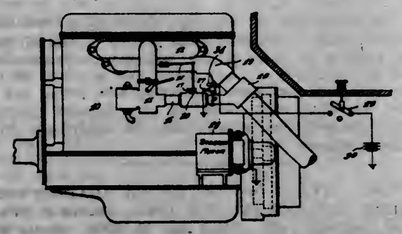
the interior of said corridor and through which a missile may be discharged, and signalling means affording communication between said corridor opening and said cage.

1,577,765. AUTOMATIC CHOKER FOR CARBURETORS. GLEN R. SISSON, Pendleton, Ind. Filed Apr. 25, 1923. Serial No. 634,576. 13 Claims. (Cl. 123—119.)



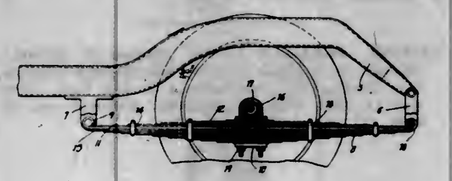
1. A choking device for the carburetor of an internal combustion engine having a starting device, comprising means for automatically choking the supply of air to the carburetor during the starting of the engine by said starting device, and means for varying the choking of the supply of air to the carburetor in accordance with the temperature of the engine.

1,577,766. AUTOMATIC CHOKER FOR CARBURETORS. GLEN R. SISSON, Pendleton, Ind. Filed July 16, 1923. Serial No. 651,871. 22 Claims. (Cl. 123—119.)



1. A choking device for the carburetor of an internal combustion engine, comprising a choker valve for controlling air-flow to said carburetor, electro-magnetic operating means for said choker valve, and thermostatic means for controlling said choker valve jointly with said electro-magnetic operating means.

1,577,767. AUTOMOBILE SPRING. FRANCIS JOSEPH SMITH, New York, N. Y. Filed Dec. 12, 1923. Serial No. 680,260. 3 Claims. (Cl. 267—47.)

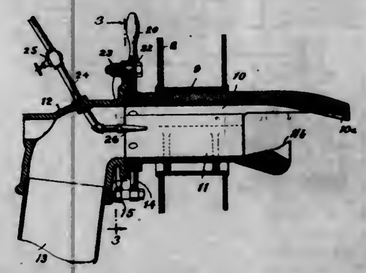


1. A suspension spring comprising a flat main leaf of soft steel, supported by a leaf of equal length that is a perfect semi-circle of tempered steel, of light weight, which, in turn, is supported by a plurality of superimposed, similarly arched leaves that gradually decrease in length, and that form segments of the same circle, the whole supporting structure being of a strength sufficient to support a weight at least twice as great as that of the car for which it is designed, and further comprising a second group of leaves that, in every way, is similar to the supporting group except in their number and strength, which is positioned reversely on the opposite side of the main leaf from the supporting group, and is urged into parallelism with the other group, to compensate for the difference between the weight being supported and the great strength of the supporting group.

1,577,768. TOBACCO DENICOTINIZATION. HOMER W. SMITH, Indianapolis, Ind. Filed June 7, 1922. Serial No. 566,560. 9 Claims. (Cl. 131—6.)

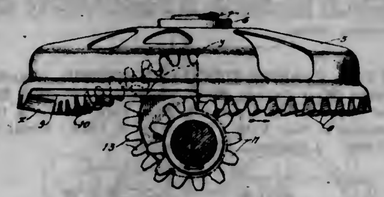
2. The process of de-nicotinising tobacco, comprising treating the tobacco with live steam at a temperature higher than 100° C. and a pressure greater than atmospheric, and then extracting the tobacco with an organic solvent and subsequently removing such solvent.

1,577,769. ADJUSTABLE FUEL DISTRIBUTOR. CLEMENT F. STREET, Greenwich, Conn. Filed Dec. 19, 1923. Serial No. 681,550. 4 Claims. (Cl. 302—61.)



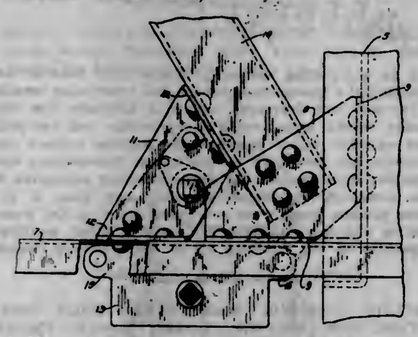
1. A fuel distributor formed in two sections, an upper and a lower, the lower section being adapted to be mounted in a furnace wall, and the upper section mounted on the lower section with the capacity of a partial rotary movement thereon, and means for rotatably adjusting the upper section relative to the lower.

1,577,770. GEARING. SVEN JULIUS STRID, Chicago, Ill., assignor to Fred Mathews, Chicago, Ill. Filed Dec. 11, 1925. Serial No. 74,745. 6 Claims. (Cl. 74—41.)



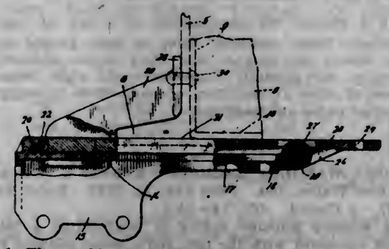
1. A gearing comprising two gear elements rotatable on axes at an angle to each other, one of said elements consisting of two segmental gear members formed upon concentric curves of different diameter and the second element consisting of a pinion member and a scroll gear member that engage the respective members of the first gear element.

1,577,771. MOUNTING FOR BRAKE GEARS. SVEN JULIUS STRID, Chicago, Ill., assignor to Fred Mathews, Chicago, Ill. Filed Dec. 11, 1925. Serial No. 74,746. 6 Claims. (Cl. 74—121.)



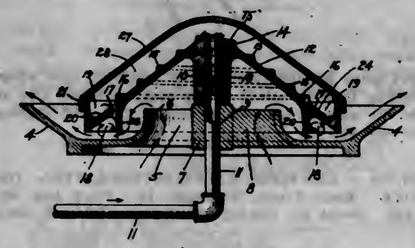
1. Means for mounting a brake gear comprising the combination with a car underframe having a corner bracket connecting adjacent longitudinal and transverse sills, an oblique brace secured at one end to said bracket and at its opposite end connected to another member of the underframe, of a plate extending from said brace to a transverse element at the end of the underframe, and a gear housing secured to said transverse element and having a portion extended back of said element and secured to said plate.

1,577,772. ADAPTER FOR BRAKE-GEAR MOUNTINGS. SVEN JULIUS STRID, Chicago, Ill., assignor to Fred Mathews, Chicago, Ill. Filed Dec. 11, 1925. Serial No. 74,748. 7 Claims. (Cl. 74—121.)



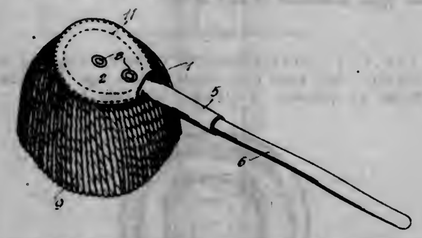
1. The combination with a railway car underframe, of a gear unit for actuating the brake, an adapter structure secured to the underframe, and means on the unit and adapter to interlock the one with the other and permit the unit to be readily removed from the car.

1,577,773. OIL BURNER. CHARLES M. STROUD, Minneapolis, Minn. Filed Sept. 4, 1924. Serial No. 735,867. 11 Claims. (Cl. 158—53.)



10. A device of the class described, comprising a saucer-like burner base providing an outer inclined wall and having a relatively large central opening and an integral upstanding flange surrounding said opening, and a central hub integrally connected within the opening by radial arms to provide a relatively large intake passage, a hollow conical vaporizing member overlying the burner base with its lower end spaced upwardly from the bottom of the burner base but disposed below the level of the top of the flange and with the base periphery adjacent the lower end of the inclined wall of the burner base to form a relatively large chamber above the relatively large air intake opening, and forming a substantially horizontal and constricted circular passage leading outwardly to the lower portion of the inclined wall of the base, an eddy-producing flange depending from the bottom of the conical member within the hollow portion thereof, spaced from the intake opening flange a greater distance than the spacing of the bottom of the conical member from the base, and forming adjacent the periphery of and with the conical member a downwardly faced channel or eddy chamber for obtaining a whirling, mixing action of the vapors introduced respectively through the air intake opening and cone vapor intake, a cover overlying the conical member to form a closed vaporizing chamber thereabove, and an oil intake conduit leading to the vaporizing chamber.

1,577,774. MOP. UBERT PETTINOILL TARBOX, Toronto, Ontario, Canada. Filed Dec. 29, 1924. Serial No. 758,500. 4 Claims. (Cl. 15—229.)



1. A mop comprising a flexible stem, a handle for said stem, two flexible discs secured to the stem, on opposite sides thereof, and absorbent material secured to, and extending beyond, the said discs.

1,577,775. MUFFLER. JOHN D. TEMPLETON, Detroit, Mich. Filed Mar. 6, 1924. Serial No. 697,174. 2 Claims. (Cl. 137—160.)

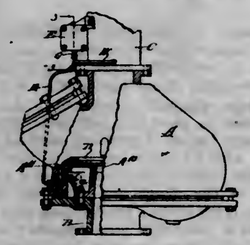
1. In a device of the character described, a sheet metal insert for cylindrical conduits comprising a flat central portion having slits at right angles to its edges and

wings extending from opposite sides thereof and having their edges adapted to fit the inner surfaces of the conduits, said wings being staggered to intercept and



deflect gases passing through such conduits, said wings extending from the plane of the sheet at either side of each slit along a line approximately forty-five degrees from said slit.

1,577,776. DRY-PIPE VALVE-ACCELERATING DEVICE. EMIL TYDEN, Evanston, Ill. Filed Aug. 25, 1923. Serial No. 659,332. 7 Claims. (Cl. 169—22.)



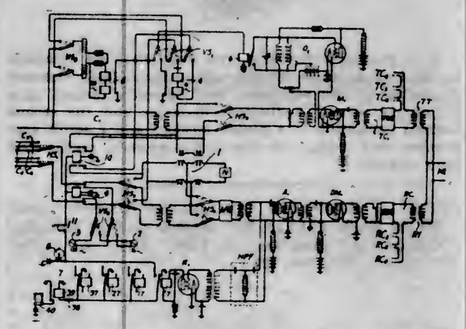
1. In a dry pipe sprinkler system in combination with a dry pipe main valve, constructed for exposing different areas to the water and air pressure respectively at its opposite sides, and having for that purpose at the water inlet side, a chamber in which the pressure is normally substantially atmospheric; a passage leading from the region of one of said pressures to said chamber; a valve controlling said passage; an expansible and collapsible device exposed to the air pressure from the system reaching different areas of the movable wall of said device through unequal ports, whereby change of air pressure in the system causes temporarily unequal pressure at different areas; a chamber in which said device is enclosed; a lever in said chamber; means actuated by said lever for controlling the opening of said valve; a latch in the chamber engaging the lever to lock it in position for holding said valve closed, and connections from the latch to said device for disengaging the latch for releasing the lever upon movement of said device.

1,577,777. ILLUMINATING GLOBE. CHARLES E. WHALIN, Salt Lake City, Utah. Filed Apr. 15, 1924. Serial No. 706,640. 2 Claims. (Cl. 240—100.)



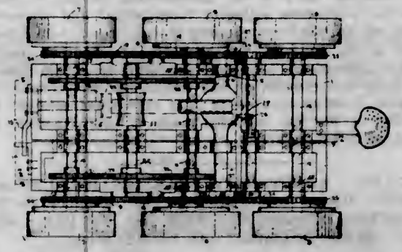
1. An illuminating globe comprising a transparent glass member spherical in general outward form except one portion thereof which is outwardly extended; and externally threaded; a plano-convex lens formed by a portion of said glass member with the plane surface formed by the bottom of a cylinder shaped opening concentric with the perimeter of said glass member and said neck piece; annular concavo-convex lenses formed by portions of the perimeter of said glass member and the annular concave portion of the cylindrical opening therein; and plano-convex lenses spaced apart by annular convex lenses.

1,577,778. CARRIER-SIGNALING SYSTEM. CHARLES WHITE, West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 5, 1923. Serial No. 661,008. 2 Claims. (Cl. 179—15.)



2. In a signaling system, a carrier wave channel terminating in a transmitting branch and a receiving branch, a two-wire low frequency circuit, a four-wire low frequency circuit, signal receiving apparatus, and two-position switches which when in one position connect the two-wire low frequency circuit to the transmitting and receiving branches and the signal receiving apparatus to the connected low frequency circuit and when in the other position connect the wour-wire circuit to the transmitting and receiving branches and the signal receiving apparatus to the incoming leg of the four-wire circuit.

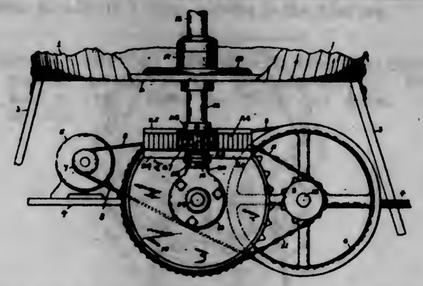
1,577,779. TRACTOR. ROBERT EDWARD WHITE, Smiths Creek, Mich. Filed Apr. 17, 1922. Serial No. 553,584. 7 Claims. (Cl. 180—22.)



6. In a tractor the combination of a pair of rigid longitudinal frame members, three or more ground engaging wheels on each of said rigid frame members, and means for pivotally connecting said rigid frame members to allow at least four of said wheels to engage the ground under all conditions.

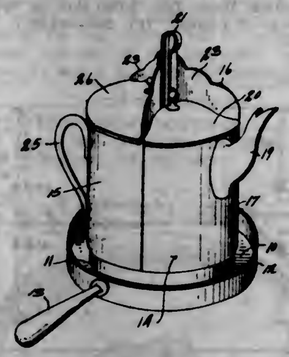
1,577,780. WASHING MACHINE. EVERETT E. WILCKEN, Fort Wayne, Ind. Filed Jan. 12, 1925. Serial No. 2,047. 3 Claims. (Cl. 74—14.)

1. A washing machine having in combination a tub, a motor connected with the tub, and a wheel adapted to be operated by the motor continuously in one direction; an arm carried by said wheel, a port shaft carried bodily by said arm but without rotary or endwise movements imparted thereto, a main shaft located vertically at right angles to said short shaft, a pinion secured on the main shaft, a rack-bar carried by the outer end of the short



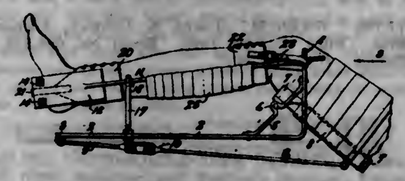
shaft and in mesh with said pinion, a slotted plate located between said arm and rack with the short shaft slidable in the slot thereof, an arm extending from said slotted plate with the main shaft revolvable therein and adapted to be supported thereby.

1,577,781. SECTIONAL FOOD COOKER. LETHA FLORENCE ADAMS, Smithdale, Miss. Filed Sept. 3, 1925. Serial No. 54,345. 3 Claims. (Cl. 53—1.)



1. A cooking utensil comprising a pan having a circular bottom, an outer upstanding wall and an inner upstanding wall, the two walls together defining an annular receptacle, and a plurality of interfitting cooking utensils adapted to fit within the inner rim.

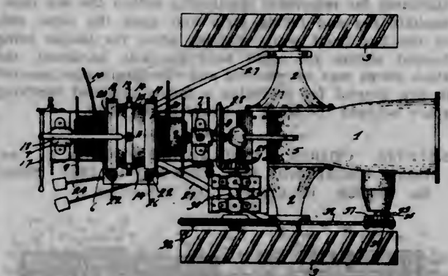
1,577,782. SURGICAL SPLINT. JAMES R. ATKINSON, Vancouver, British Columbia, Canada. Filed Feb. 14, 1923. Serial No. 618,981. 7 Claims. (Cl. 128—85.)



1. A leg splint comprising a rod extending along each side of the leg adjacent the knee joint to beyond the foot, each rod being inwardly turned beyond the foot and connected to the other, a frame, said frame including a portion projecting from it on each side of the knee joint

to receive the ends of the side rods, means for effecting separate adjustment of the length of each side rod, means pivotally mounting said frame removably to the lower part of the thigh adjacent the knee, means on said frame for supporting said rods adjacent the foot and means for holding said frame adjustably in position.

1,577,783. HOISTING ATTACHMENT FOR TRACTORS. WILBER FISK BAKER, Omaha, Nebr., assignor to Baker Steel & Machinery Company, a Corporation of Nebraska. Filed Apr. 25, 1923. Serial No. 634,437. 2 Claims. (Cl. 254—166.)



2. The combination with a rear axle housing of a tractor, of a hoisting device supported by said housing, said device comprising a rearwardly extending frame, a longitudinally disposed drum shaft rearwardly of the housing, drums rotatably mounted on said shaft, a slidably keyed clutch element carried by said shaft and cooperating with said drums between the same, independent brake controlling means for said drums and means for driving said drum shaft from the tractor, through the medium of gear connections and sprocket and chain connections.

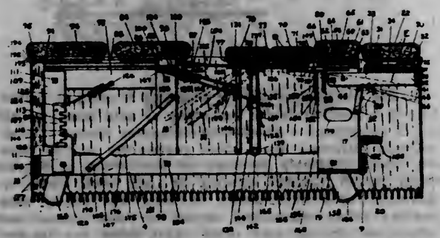
1,577,784. MOLD FOR CONCRETE WALL BLOCKS. HARRY T. BUMGARDNER, Waco, Tex. Filed Jan. 4, 1926. Serial No. 79,166. 2 Claims. (Cl. 25—121.)



2. In a block forming mold of the character described, a relatively elongated mold box being open at its top side, a block bottom facing strip adapted to be disposed within the box and for rest upon the bottom wall thereof, said strip being formed adjacent its opposite longitudinal edges with pendent channels, filler blocks

disposed within the box beneath the bottom facing strips at the opposite sides of the pendent channels, predetermined spacing block and forming strips removably and vertically disposed within the mold box, said end forming strips being provided adjacent their opposite edges with vertical channels, and a block top facing forming strip adapted to be disposed upon the mold box after the material has been poured therein, said last mentioned strip being also provided adjacent its opposite longitudinal edges with pendent channels, the channels of all of said forming strips adapted to provide interlocking tongues and grooves upon the bottom and top, and opposite ends respectively of the block, and interchangeable block from face forming strips of varying thickness for removable positioning within the box intermediate the end facing strip and upon the inner side of the box front wall whereby, after the blocks being formed within the mold have partially hardened, the thick strips may be removed and the thin strips inserted in lieu thereof for providing a facing material receiving space between the block and said facing strip.

1,577,785. CHIROPRACTIC TABLE. LUTHER L. CASTETTER, Indianapolis, Ind. Filed May 14, 1923. Serial No. 638,929. 62 Claims. (Cl. 128—72.)



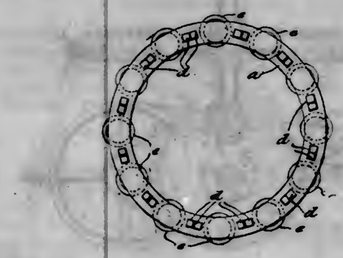
1. In a chiropractic mechanism, a pair of adjacent head cushions, independent slides secured to said cushions transversely to their interception, guide means adapted to guide said slides, slide means secured to said guide means parallel to said interception, guide means adapted to guide the last mentioned slide means, arm means supporting said last mentioned guide means and having notches on the underside thereof, stationary members pivoted to the extremities of said arm means, a toggle means pivoted to said members and adapted to selectively engage said notches to vary the height and angle of said head cushions as desired.

1,577,786. BEARING CAGE. LEO S. CHRISTOPHERSON, Spokane, Wash., assignor to Chris Double Taper Bearing Company, Spokane, Wash., a Corporation of Washington. Filed Aug. 27, 1924. Serial No. 734,418. 5 Claims. (Cl. 308—218.)



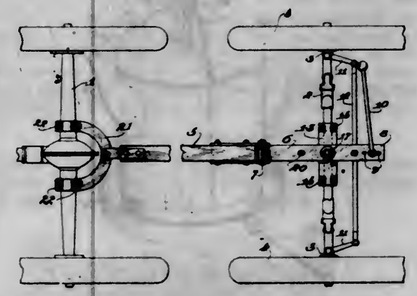
1. A bearing cage, having in combination a barrel portion provided with apertures, rolling elements projecting through and located by the apertures and arranged to contact with an outer bearing race, and a plurality of roller housings each separately secured to the barrel portion for separately supporting each rolling element and each provided with a perforation, the said rolling elements projecting therethrough to contact with an inner bearing race.

1,577,787. BEARING CAGE. LEO S. CHRISTOPHERSON, Spokane, Wash., assignor to Chris Double Taper Bearing Co., Spokane, Wash., a Corporation of Washington. Filed Sept. 27, 1924. Serial No. 740,215. 6 Claims. (Cl. 308—218.)



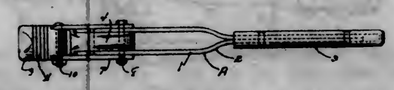
1. In a bearing cage, the combination of a pair of side rings, roller elements, two-part roller housings each part spaced apart and each part separately secured to the side rings for separately supporting a roller element therebetween, which permits the removable of any two part housing and roller supported therein independently of the other housings.

1,577,788. PERMANENT TRAILING COUPLING. ALBERT L. COLE, Anson, Tex. Filed Mar. 24, 1925. Serial No. 18,015. 2 Claims. (Cl. 280—33.55.)



1. The combination with the front axle of an automobile, of a plate mounted thereon, a cylindrical boss formed on said plate, a pair of U-bolts encircling said axle and anchoring the plate thereto, a lever apertured intermediate its end to receive said boss, a strap for holding said lever in contact with said plate, and means connecting one end of said lever with the steering mechanism of the automobile.

1,577,789. WRENCH. JAMES S. CONWAY, Rochester, Minn. Filed Oct. 20, 1923. Serial No. 669,848. 3 Claims. (Cl. 81—98.)



1. A wrench comprising a shank which includes a pair of spaced parallel bars, a longitudinally curved jaw arranged between the outer ends of the bars and extending at an oblique angle with respect thereto, a securing

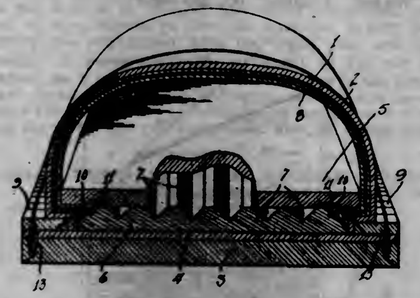
pin passing through the bars and jaw intermediate the ends of the latter, a pivot pin passing through the bars and jaw adjacent its inner end, a pair of links pivotally supported on the ends of the pivot pin and a longitudinally curved jaw rigidly held between the links and being movable in a plane parallel to the fixed jaw.

1,577,790. SUPPORT AND SHIELD FOR FLATIRONS. THOMAS ALFRED CHARLES COOK, Chicago, Ill. Filed Mar. 6, 1925. Serial No. 13,627. 1 Claim. (Cl. 68—27.)



The combination with a flatiron having a handle member, of a combined supporting member and shield comprising a casing and provided with a longitudinal slotted portion at the top wall thereof for yieldingly receiving the portion of the handle member between the handle and the body of the iron, whereby the flatiron may be supported in an upright or inverted position at will, said casing being of sufficient height to maintain the bottom of the iron entirely out of engagement with the adjacent portions of the supporting member and shield when the iron is in an upright position.

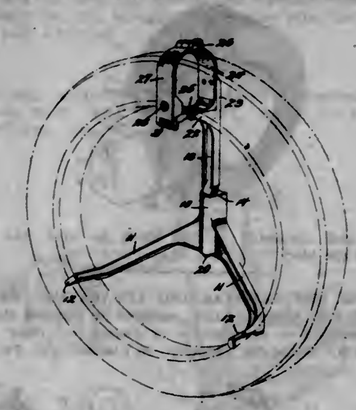
1,577,791. WATERPROOF FOOTWEAR. LOUIS DRESCHLER, St. Louis, Mo. Filed May 26, 1924. Serial No. 716,038. 2 Claims. (Cl. 36—30.)



1. A waterproof shoe or the like comprising an upper, an outer sole, said upper and said outer sole having outer portions of leather and inner rubber linings, an inner sole, a welt, means for securing said welt to said inner sole and said upper, means for securing said welt to said outer sole, and an intermediate rubber cushion between said inner sole and said outer sole, said rubber cushion having air spaces adjacent said inner sole, and the rubber portion of said upper being held in contact with said rubber cushion.

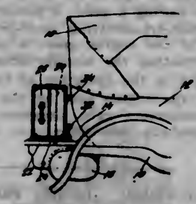
1,577,792. AUTOMOBILE TIRE CARRIER. FRANK J. G. DUCK, Scranton, and ROWLAND BENTLEY, Dunmore, Pa. Filed Oct. 22, 1923. Serial No. 670,148. 3 Claims. (Cl. 224—29.)

1. In a tire carrier, in combination, a member adapted to be secured to an automobile, two legs rigid with said member and having portions adapted to engage a tire rim, a third leg supported by said member, a rim engaging portion on said third leg provided with an inclined face at its outer end, and means for automatically



extending, said third leg to press against a tire rim, whereby a rim may be placed on the carrier by sliding it along said inclined face against the pressure exerted by said extending means.

1,577,793. AUTOMOBILE TRUNK RACK. CADY B. DURHAM and FRANK G. FAREY, Flint, Mich., assignors to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Apr. 12, 1924. Serial No. 706,145. 8 Claims. (Cl. 224—29.)



1. A device for attachment to an automobile having a chassis frame, and a body on the frame curved at its rear end to provide an overhanging portion, comprising a trunk rack having parallel longitudinal rails for attachment to the chassis frame, each of said rails having a trunk-supporting vertical hook portion at its forward end, the various hook portions being in alinement with each other transversely and being substantially in a plane tangent to the upper part of the curved end of the body vertically, means substantially in said tangent plane vertically above said hook portions and carried by the body for engaging and supporting the top of a trunk on the rack, and means for holding a rectangular trunk on said rails with its front face in supporting engagement with said hook portions and said means on the body.

1,577,794. COIL MOUNTING. JOHN S. ELLIOTT, Cranston, R. I., assignor to Coto-Coil Company, Boston, Mass., a Corporation of Massachusetts. Filed May 15, 1922. Serial No. 561,009. 8 Claims. (Cl. 175—359.)

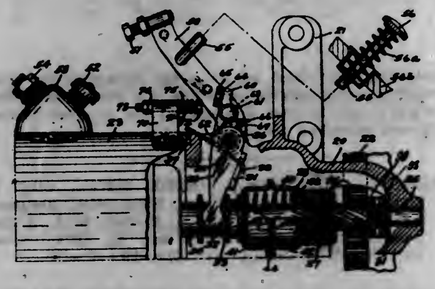
1. An improved coil-mounting comprising a coil of substantially hollow form, a block fitted against the

peripheral surface of the coil, and a lashing of cord passing through the opening in the coil a plurality of



times and connected to the block to bind the coil against the block.

1,577,795. ENGINE-STARTING APPARATUS. GEORGE W. ELSEY, Anderson, Ind., assignor to General Motors Corporation, a Corporation of Delaware. Filed May 1, 1924. Serial No. 710,470. 10 Claims. (Cl. 74—7.)



1. Engine starting apparatus comprising, in combination, an engine having a gear; a motor and gear driven thereby; a motion-transmitting member for meshing the motor gear with the engine gear; a manually operable member for actuating the motion-transmitting member; means responsive to the operation of the motor prior to the driving of the engine gear by the motor for automatically disconnecting said members; and automatic means for demeshing the motor gear when the engine starts.

1,577,796. SAW-CLAMP GUARD. FRED K. FINNEMAN, Portland, Oreg. Filed Jan. 17, 1925. Serial No. 3,075. 2 Claims. (Cl. 76—78.)

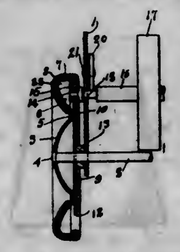


2. A guard for saw clamps consisting of a somewhat rectangular rubber block having a somewhat rounded side; and a strip of metal passing through said rounded side and projecting from each end thereof.

1,577,797. PROCESS OF MANUFACTURING AROMATICALLY-DISUBSTITUTED THIOUREAS OF SYMMETRIC CONSTITUTION. WALTER FLEMMING, Breslau, Germany. Filed Mar. 19, 1925. Serial No. 16,836. 5 Claims. (Cl. 260—125.)

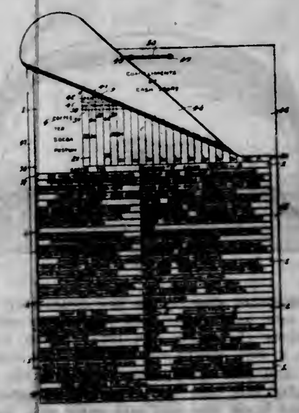
1. The process of manufacturing aromatically disubstituted thio-ureas or symmetric constitution consisting in causing the amine to enter into a reaction with such amounts of aqueous solution of caustic alkali and of carbon disulphide that the formation of thio-urea and trithiocarbonate can take place simultaneously; the proportion of the said ingredients being such, that for each molecule of amine one molecule of caustic alkali and one molecule of carbon disulphide is employed.

1,577,798. TOY POWER DRIVE. CLARENCE E. FLORKEY, Dayton, Ohio, assignor to The Schieble Toy and Novelty Co., Dayton, Ohio, a Corporation of Ohio. Filed Jan. 26, 1923. Serial No. 614,950. 4 Claims. (Cl. 46—48.)



4. In combination, a frame, an axle carried thereby, outwardly dished wheels mounted thereon, a plate gear joined to a portion of said wheel, said plate being flat, a broad bearing carried by said plate engaging with said axle, a downwardly extending and inwardly directed portion of said wheel spaced from but overlapping said teeth to form a rim within which said teeth and driving pinion are located, a driving pinion and driving axle connected thereto, and an inertia wheel mounted thereon, anti-friction devices carried by said frame in engagement with the inertia wheel axle, and resilient tires mounted on the rim of said wheel.

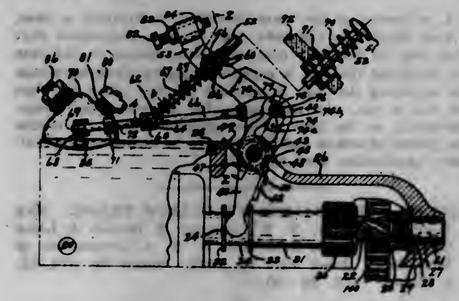
1,577,799. COMBINED MERCHANDISE INDICATOR AND HOUSEHOLD-ACCOUNT DEVICE. STANLEY R. FOOT, Choteau, Mont. Filed Dec. 8, 1924. Serial No. 754,602. 3 Claims. (Cl. 283—66.)



1. A combined merchandise indicator and household account device comprising a series of superposed combined merchandise indicating and recording sheets, each of the inner sheets projecting below the lower edge of an outer sheet, means on the outer face at the lower portion of each sheet for visually indicating the name of the general class of merchandise with which the sheet is associated, means on the outer face of each of said sheets to provide a group of appropriately designated pairs of spaces, the spaces of each pair associating with each other and for independently recording the amount and cost respectively of the merchandise purchased of

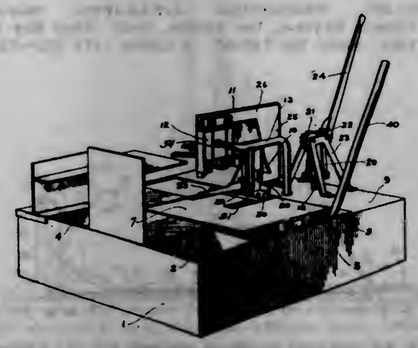
that class with which the sheet is associated for a predetermined period different from that of an adjacent pair, and means for connecting the sheets together at their upper ends.

1,577,800. ELECTRICAL STARTING APPARATUS. FREDERICK J. HARDMAN, Dayton, Ohio, assignor to General Motors Corporation, a Corporation of Delaware. Filed July 15, 1924. Serial No. 726,211. 3 Claims. (Cl. 74—7.)



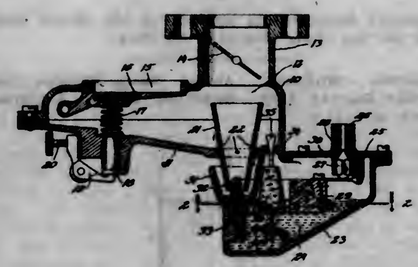
1. Engine starting apparatus comprising, in combination, a gear connected with an engine to be started; and electric motor; driving connections between the motor and engine gear including a pinion driven by the motor and movable into engagement with the engine gear, said connections including means whereby the pinion will be moved by motor operation into full driving engagement with the engine gear after having been meshed therewith, and whereby the pinion may be automatically disconnected from the engine gear when the engine becomes self-operative; a motor switch; and means for moving the pinion into contact with the engine gear and for closing said switch, said means including a pinion shifting lever, a movable rod, connections between the rod and lever permitting the leverage of the rod with respect to the lever to be changed, and means for causing the rod to move endwise to move the lever and to shift the pinion into engagement with the engine gear and for tending to produce sidewise movement of the rod to reduce the leverage of the rod with respect to the lever, said connections normally preventing said sidewise movement but released by the operation of the motor in moving the pinion into full engagement with the engine gear.

1,577,801. TYPE-BAR-CASTING MACHINE. WILLIAM J. IRWIN, Tacoma, Wash. Filed Sept. 12, 1922. Serial No. 587,678. 9 Claims. (Cl. 199—47.)



1. In a type bar casting machine, a housing forming the side walls of a mold, a type bar ejector slidably contained in the housing and forming the end walls and base of the mold, a series of matrices, means for moving the matrices into and from casting relation with the mold, means for actuating the ejector to advance the cast bar from the housing and yieldable means for pressing the cast bar from the ejector after the latter has been advanced.

1,577,802. CARBURETOR. CHESTER F. JOHNSON, Detroit, Mich. Filed Dec. 1, 1921. Serial No. 519,182. 8 Claims. (Cl. 261—70.)



1. In a carburetor, in combination, a vented fuel chamber, means for regulating the flow of fuel thereto, a mixing chamber, said fuel chamber arranged to supply fuel to said mixing chamber, a passage connecting said chambers, and means actuated by the liquid in said fuel chamber for controlling flow through said passage to apply suction increasingly to said fuel chamber as the fuel therein rises.

1,577,803. COMBINATION ELECTRIC SWITCH LOCK. MAURICE C. LEVINSON, Long Beach, Calif., assignor to Auto Theft Alarm Corporation, a Corporation of California. Filed Feb. 21, 1924. Serial No. 694,807. 6 Claims. (Cl. 200—45.)



1. A combination locking device, comprising a casing having a plurality of electric switches mounted therein, a plurality of tumblers mounted within said case, a revoluble stem extending into said case, a switch operating arm loosely mounted on said stem capable of both sliding and rotary movements, and a tumbler disk having a cam edge for engaging and actuating the switch operating arm to control the opening and closing of said switches, said disk secured to said stem and revoluble therewith.

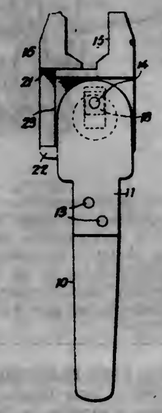
1,577,804. SAFETY GUARD FOR SHEAVE BLOCKS. BURT STANLEY MINOR, Los Angeles, Calif. Filed Apr. 14, 1924. Serial No. 706,825. 6 Claims. (Cl. 254—197.)

1. A guard for sheave blocks comprising a casing provided with cable slots through which the block cables

may be extended, said guard being divided transversely into sections through said slots, and means for independently securing said sections on the sheave block over the face of the sheaves of the block.

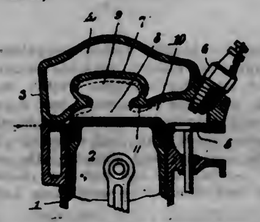


1,577,805. WRENCH. ALBERT NEAL, Kokomo, Ind. Filed Mar. 14, 1925. Serial No. 15,700. 2 Claims. (Cl. 81—128.)



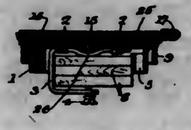
1. A wrench comprising a bifurcated handle, a pair of jaws between the forks of the handle, a connection between one of said jaws and the adjacent fork of the handle comprising a bearing element in the form of a circle on one of the members, an opening in the form of a circle in the other of the members for the reception of the circular bearing element, the other of said jaws having a slot, and a pin arranged eccentrically of said circular bearing element and extending through the slot in the last mentioned jaw, substantially as set forth.

1,577,806. INTERNAL-COMBUSTION ENGINE. WILLIE E. OGDEN and GERALD N. SMITH, Clarksburg, W. Va. Filed June 15, 1925. Serial No. 37,114. 2 Claims. (Cl. 123—191.)



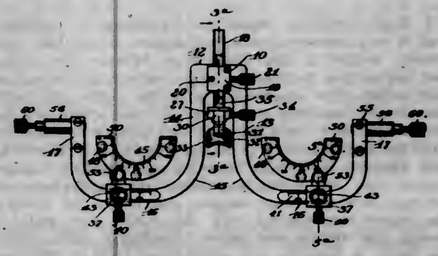
1. In an internal combustion engine, a head having an explosion chamber, a pocket in said head beyond said explosion chamber for the retention of dead gases and closed on all except one side, said one side communicating with said explosion chamber, a restricted passage leading to said explosion chamber, and ignition means beyond said passage.

1,577,807. CAMP CHAIR. NELSON ORWICK, Findlay, Ohio. Filed May 25, 1925. Serial No. 33,902. 2 Claims. (Cl. 155—133.)



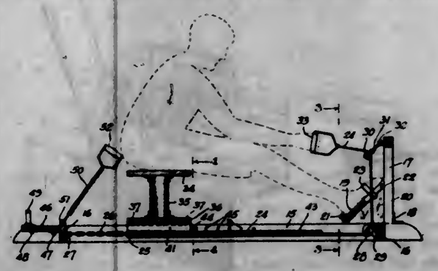
1. A device of the class described, comprising a base, a seat carried by the base, legs of such dimensions that they may be housed beneath the base, means on the base for receiving the legs, a support-engaging clamping-means for receiving the legs in stacked relation when the legs are not in use, and mechanism for mounting the clamping-means on the base for swinging movement, to enable the clamping-means and the legs to be swung to approximate parallelism with the base.

1,577,808. OPHTHALMIC TRIAL-LENS FRAME. MAX POSER, Rochester, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a Corporation of New York. Filed July 11, 1922. Serial No. 574,125. 4 Claims. (Cl. 88—20.)



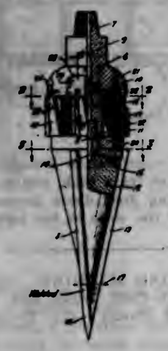
1. An ophthalmic trial lens frame comprising a central head portion provided with adjustable means for supporting engagement with a patient's head, limbs carried by said head portion having substantially horizontal portions extending outwardly below the positions of the patient's eyes, a carriage mounted on each of said horizontal portions and adjustable inwardly and outwardly thereon one independent of another, members extending laterally from the carriages, lens pockets supported by each of said members above and at one side of said horizontal portions and temple means carried adjacent the outer ends of said limbs.

1,577,809. EXERCISING APPARATUS. EDWARD THOMAS RANDALL, Los Angeles, Calif. Filed May 15, 1924. Serial No. 713,497. 3 Claims. (Cl. 272—72.)



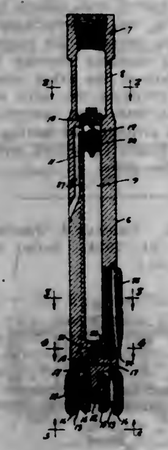
2. An exercising apparatus comprising a frame including parallel rails having grooves in the confronting sides thereof, a base, rollers carried by the base and engaging the top edge of the rails, brackets depending from the base, rollers carried by the brackets and engaging the inner sides of the rails, strips secured to the brackets and engaging within the grooves for preventing upward displacement of the base from the rails, and a seat carried by said base.

1,577,810. SIDE-TRACKING TOOL. EDWARD F. RAYMOND, Santa Fe Springs, Calif. Filed Mar. 5, 1925. Serial No. 13,209. 8 Claims. (Cl. 255—61.)



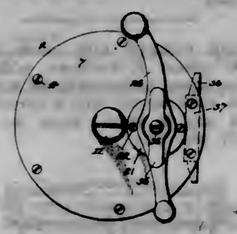
1. A tool of the character described comprising the combination of a tapered pilot body having mortises extending longitudinally, blades mounted in said mortises and welded to form an integral tip.

1,577,811. COMBINATION ROLLER BIT AND DISK STRUCTURE. EDWARD F. RAYMOND, Santa Fe Springs, Calif. Filed July 6, 1925. Serial No. 41,654. 6 Claims. (Cl. 255—71.)



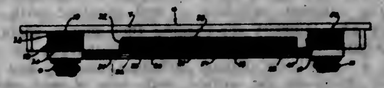
1. A hydraulic rotary boring tool comprising a body having rotatable cutters there being an expansible lubricant chamber in said body and lubricant ducts leading therefrom to the bearings of the cutters, the lubricant control means for preventing the flow of lubricant from said chamber and operable by rotation of said tool to permit the flow of lubricant therefrom.

1,577,812. FISHING REEL. MARK ALEXANDER ROBINSON and FRANK BARNARD SHANNE, Honolulu, Territory of Hawaii. Filed July 27, 1925. Serial No. 46,456. 10 Claims. (Cl. 242—84.5.)



1. In a fishing reel, the combination with a cage having an axial shaft journaled therein, a spool fixed on said shaft, a tubular crank shaft journaled in a cheek of the cage, a pinion secured upon the reel shaft, a gear meshing with said pinion, said gear being co-axially mounted with reference to the tubular crank-shaft, friction members secured upon opposite faces of said gear, a rod extending through the crank shaft and the hub of the gear, a head secured at the inner end of said rod, and means for moving said rod endwise to bring the head into engagement with the adjacent friction face carried by the gear and to move the latter laterally and to thereby bring the second friction member into contact with the adjacent portion of the crank shaft.

1,577,813. EXTENSION TABLE. CORNELIUS ROSS, Los Angeles, Calif., assignor to Woodcraft Cabinet Manufacturing Company, Los Angeles, Calif., a Corporation of California. Filed June 18, 1924. Serial No. 720,768. 1 Claim. (Cl. 45—112.)



In combination with an extension table consisting of a pair of sections adjustably secured together, of an extension table leaf divided into two hinged sections and normally supported by the table frame below the tops of the table sections, a pair of arms pivotally attached at one of their ends to one of the leaf sections, their free ends being pivotally secured to the table frame, and a second pair of arms pivotally attached to the last named leaf section, their free ends being pivotally attached to movable pivot blocks, whereby when the table sections are drawn apart the foldable table leaf may be swung into an elevated position to fill the intervening space between the table sections.

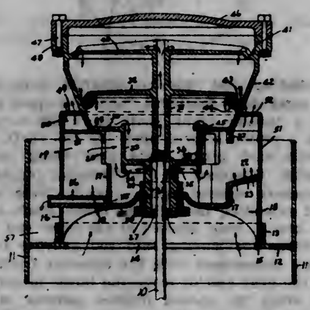
1,577,814. AUTOMATIC ASH DUMP. EDWARD H. SHOLAR, Chattanooga, Tenn. Filed Oct. 26, 1925. Serial No. 64,964. 2 Claims. (Cl. 126—245.)



1. The combination with a frame, of oppositely disposed shutters therein, pivot devices extending under the respective shutters, depending means upon the shutters engaging the pivot devices, weights depending from the outer end portions of the respective shutters for holding said end portions normally bearing downwardly on the

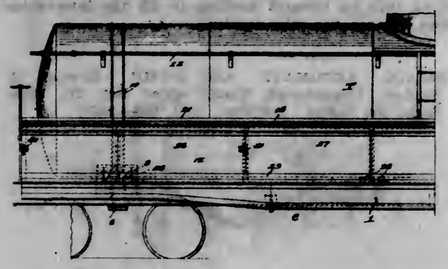
frame and the inner portions of the shutters normally closed together, said shutters and the sides of the frame cooperating to provide an ash receiving hopper, the upper surfaces of the shutters converging downwardly toward their inner ends.

1,577,815. OIL BURNER FOR COOK STOVES AND THE LIKE. PERRY J. SNOWDEN, Indianapolis, Ind., assignor, by mesne assignments, to E.-Z. Oil Burner Corporation, Indianapolis, Ind., a Corporation of Indiana. Filed Aug. 7, 1924. Serial No. 730,696. 11 Claims. (Cl. 158—64.)



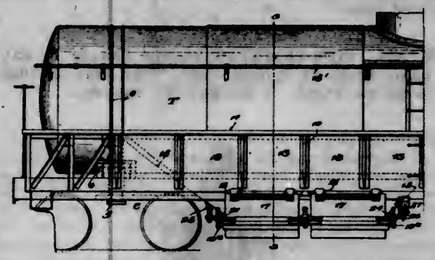
5. In an oil burner, the combination of a plurality of peripherally arranged laterally and inwardly discharging air tubes, a plurality of upwardly discharging air outlets positioned between said air tubes for forming a combined air stream, an upwardly directed air channel centrally positioned and including laterally and outwardly discharging air outlets communicating with the upwardly discharging air outlets, and a superposed vaporizing chamber including a well provided with outwardly and laterally discharging fuel supply ports for discharging fuel into the inwardly discharged air currents, a central air channel including laterally and outwardly discharge air outlets, both sets of said outlets being arranged for forming the combined air stream into which the fuel is discharged and said vaporizing chamber having depending portions positioned in radial registration with the outwardly discharging fuel supply ports and positionable between said air tubes for forming a baffle adjacent the fuel discharge.

1,577,816. FREIGHT-CAR CONSTRUCTION. LEWIS J. SPENCE, Brooklyn, N. Y. Filed July 2, 1924. Serial No. 723,780. 11 Claims. (Cl. 105—359.)



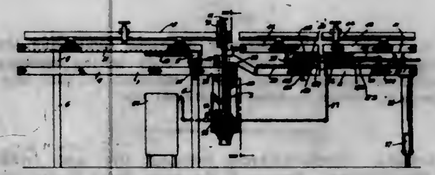
1. A freight car construction including a chassis having tank supporting means, a tank carried by said means and extending longitudinally of the chassis, and supplemental roofed cargo compartments carried by the projecting sides portions of the chassis and paralleling the tank outside of the latter.

1,577,817. FREIGHT-CAR CONSTRUCTION. LEWIS J. SPENCE, Brooklyn, N. Y. Filed July 2, 1924. Serial No. 723,781. 10 Claims. (Cl. 105—359.)



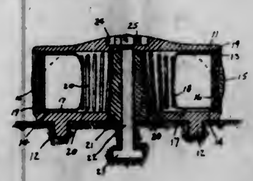
1. A freight car construction including a chassis having supporting means for a tank, and supplemental cargo compartments having drop doors beneath the tank and top openings along the sides of the tank.

1,577,818. WELDING MACHINE. CLIFTON L. STANCLIFF, Bakersfield, Calif. Filed May 17, 1923. Serial No. 639,685. 18 Claims. (Cl. 78—84.)



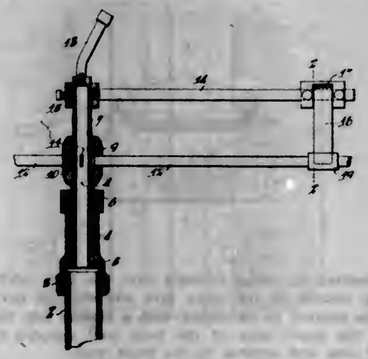
13. In a welding machine of the character described, means for supporting two elements to be welded in an angular plane in spaced and alined relation, a torch arrangement having means associated therewith for supporting the same between the elements, means for swinging one of the elements whereby its face is made parallel with the face of the other element and means for simultaneously swinging the torch arrangement into a position parallel to both faces, comprising a bar associated with the torch arrangement having a slide thereon, and arms of equal length associated with both elements pivotally engaging the slide.

1,577,819. SIGNAL. THOMAS I. TEMPLE, Indianapolis, Ind. Filed Oct. 24, 1924. Serial No. 745,705. 3 Claims. (Cl. 88—1.)



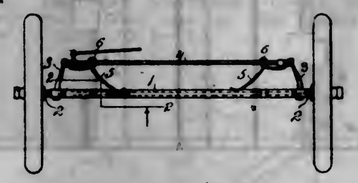
1. In a signal device, a signal element comprising a metallic cup-shaped deflecting member of substantial depth, a lens mounted in the open end of said member, and a plurality of concentric diffusion rings formed in the reflecting surface thereof and spaced from said lens for receiving and diffusing the light rays throughout said element.

1,577,820. WATER SPRINKLER. WILLIAM CHARLES TODD and JAMES WILLIAM POMEROY, Victoria, British Columbia, Canada. Filed Sept. 12, 1924. Serial No. 737,268. 4 Claims. (Cl. 299—69.)



1. A water sprinkler of the class described, comprising in combination, a hollow stem to which water under pressure is admitted, a reaction sprinkler mounted on the stem and deriving its water supply therethrough, a central hollow stem independently rotatable about the same axis, a member secured to the central stem to project over a rotatable part of the reaction sprinkler, a swinging member mounted on the projecting member, a check secured to the projecting member to limit the swing, and means for imparting movement to the swinging member against its limiting check whereby an intermittent fractional movement is imparted to the central stem.

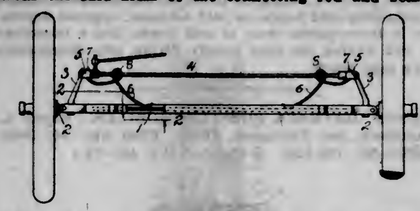
1,577,821. STABILIZING DEVICE. WILLIAM P. CAMPBELL, Kansas City, Mo., assignor of forty-nine one-hundredths to Harry W. Tully and John H. Lane, and of fifty-one one-hundredths to John H. Lane, all of Kansas City, Mo. Filed Jan. 29, 1923. Serial No. 615,594. 3 Claims. (Cl. 280—89.)



1. In a device of the kind described, the combination with the front axle, the spindle pivoted thereto and having a steering arm, and steering connecting rod having a forked end pivoted to the steering arm, of a spring between the arms of said forked end bearing against the rear end of the steering arm and against the front side of the steering rod and having a sliding bearing against the axle.

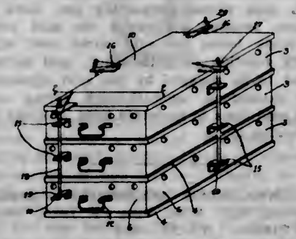
1,577,822. AUTOMOBILE STEERING MECHANISM. WILLIAM P. CAMPBELL, Marceline, Mo., assignor to John H. Lane, Kansas City, Mo. Original application filed Jan. 29, 1923, Serial No. 615,594. Divided and this application filed June 18, 1925. Serial No. 37,897. 1 Claim. (Cl. 280—93.)

In a device of the kind described, the combination with the front axle, a spindle pivoted thereto having a steering arm, and a steering connecting rod having two arms pivoted to said steering arm, of a spring extending between the said arms of the connecting rod and bearing



against the rear sides thereof and bearing against the front side of connecting rod, and having a sliding bearing against said axle.

1,577,823. SHIPPING CONTAINER AND DISPLAY DEVICE. ROBERT C. DOLLS, Cincinnati, Ohio. Filed Oct. 31, 1923. Serial No. 672,007. 2 Claims. (Cl. 220—4.)

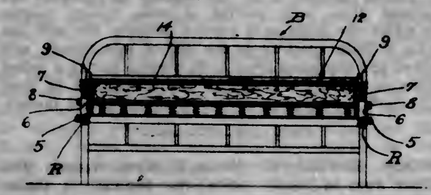


1. In a combined shipping, storage and display device for water plants the combination of individual containers each capable of independent display use, and each comprising side walls having perforations adjacent their upper edges for providing ventilation and permitting replenishment of the water supply, a stay rod upon the inner edge and extending about the upper edge of each container and over which stay rod the upper edges of the side walls are turned, a peripheral depending flange at its bottom arranged to extend about the upper edge of the container next below, a lid adapted to receive the upper edge of any container, and means for locking a plurality of containers and a lid upon one another.

1,577,824. PAINT REMOVER FOR AUTOMOBILES. SHOSAKU ISHIYAMA, Los Angeles, Calif. Filed Aug. 18, 1925. Serial No. 51,041. 1 Claim. (Cl. 87—5.)

A paint remover formed by mixing together water, one and one-eighth gallons; caustic soda, one-half pound; lye, one-half pound; benzine two ounces; ammonia (7% strength), two and one-half ounces; commercial chloroform, one ounce; lemon juice, two ounces; corn starch, four ounces.

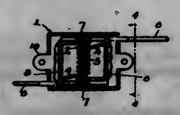
1,577,825. BED ATTACHMENT. ALMIS M. JENNESS, Dover, N. H. Filed Feb. 23, 1924. Serial No. 694,735. 1 Claim. (Cl. 5—327.)



An attachment of the character described for beds, comprising clamps having tubular standards projecting therefrom, opposed columns adjustably supported in the

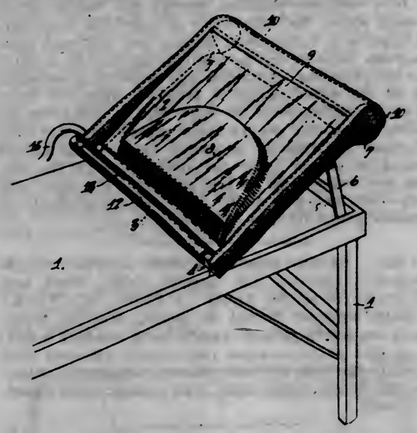
standards, said columns having serrated portions at their free ends, heads projecting from said columns and having serrated portions engaging those of the columns, means for adjusting said heads on said columns, opposed depressions in the opposite faces of said heads, and a telescopic foot rail having its ends loosely fitting into depressions of the said heads.

1,577,826. HATRACK FOR AUTOMOBILES. HENRY L. JACOBSON, San Francisco, Calif. Filed Apr. 10, 1924. Serial No. 705,525. 1 Claim. (Cl. 45—13.)



A hat rack comprising a rectangular casing member carrying a spring supporting pin adapted to maintain a coiled spring having oppositely disposed free ends, oppositely disposed arms having offset extensions rotatively supported by said spring supporting pin, slots in said casing member forming guideways for said arms, hat supporting loops borne by said arms and oppositely disposed with relation to each other, said spring ends being adapted to be engaged by the said oppositely disposed offset extensions, wherethrough spring action is exerted upon said arms to maintain hats, or other articles, in said supporting loops.

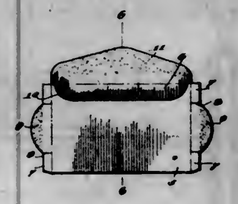
1,577,827. EMBALMING ACCESSORY. EPHRAIM R. JONES, Corbin, Ky. Filed June 22, 1925. Serial No. 38,841. 2 Claims. (Cl. 27—23.)



1. A device of the class described comprising a frame, a drain pan removably mounted on the frame, said drain pan having flanges to fit the frame, an inclined and depressed drain body portion, a cross trough portion into which the drain body portion delivers, the said pan having a drain aperture at one end of said trough, said inclined and depressed drain body portion having a raised portion to support the back of the corpse and fit close to the back extending to the top of the shoulders thereof.

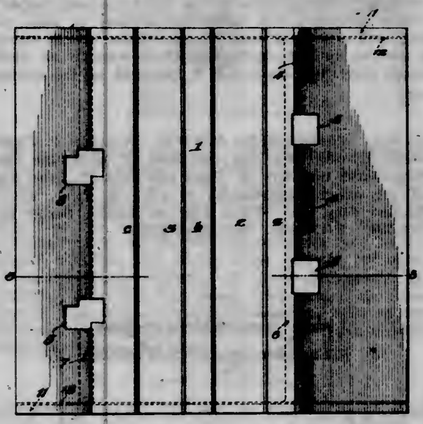
1,577,828. ENVELOPE. MOSES E. KING, Neenah, Wis. Filed Aug. 14, 1924. Serial No. 732,125. 1 Claim. (Cl. 229—74.)

An envelope formed from a single sheet of material folded upon itself to form front and back walls, longitudinal flaps extending along opposite sides of the front wall and contiguous therewith, said flaps being transversely perforated at spaced intervals providing a central and end tabs, said end tabs having cement on their under face and adapted to fold over the adjacent edges of the back wall to secure the front and back walls together,



said central tab being foldable over the back wall and having cement on its upper face whereby the envelope may be secured to an object, and a closing flap formed along the upper edge of the back wall adapted to be folded over and secured to the front wall.

1,577,829. RAILWAY TIE PLATE. JULIUS KRUTTSCHNITT, New Canaan, Conn.; E. Minna Kruttschnitt executrix of said Julius Kruttschnitt, deceased. Filed July 9, 1924. Serial No. 725,053. 2 Claims. (Cl. 238—304.)

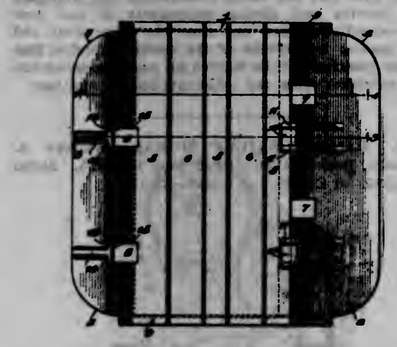


1. A construction for tie plates including a body provided at its upper side with a canted rail seat and at its lower side with a pair of spaced tie-compression ribs which are spaced apart a distance corresponding at least to the width of the rail seat, said body being further provided at its end edges with downward reinforcing girders disposed longitudinally of the tie and formed with inner tie engaging faces.

1,577,830. RAILWAY TIE PLATE. JULIUS KRUTTSCHNITT, New Canaan, Conn.; E. Minna Kruttschnitt executrix of said Julius Kruttschnitt, deceased. Filed Aug. 26, 1924. Serial No. 734,275. 2 Claims. (Cl. 238—299.)

1. A construction for tie plates including a body provided at its upper side with a rail seat and at its lower side with a pair of tie compression ribs of shallow depth

which are spaced apart to a distance corresponding at least to the width of the rail seat, said body being further provided at its end edges with depending outwardly



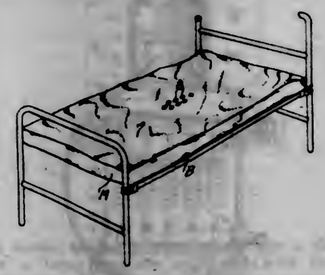
arched girder flanges approximately coextensive in length with the width of said rail seat and adapted to engage over the sides of the tie.

1,577,831. DENTAL CLASP. ALBERT LUKS, Brooklyn, N. Y. Filed Feb. 7, 1924. Serial No. 691,163. 3 Claims. (Cl. 32—12.)



1. In a dental clasp, the combination of a clasp adapted to be carried by dental work, and an interior lining of flexible and frictional material to cover parts of the clasp adjacent a tooth and not be exposed.

1,577,832. SANITARY MATTRESS. CAESAR MAGGI, Kellogg, Idaho. Filed Sept. 21, 1925. Serial No. 57,580. 1 Claim. (Cl. 5—91.)



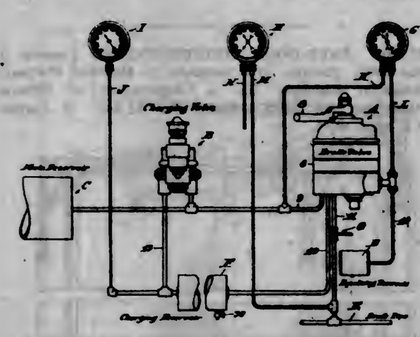
The combination with a mattress having an opening therethrough and a grommet in the opening, of a removable sheet, a receptacle in the opening having an open top and bottom and adapted for withdrawal from said opening, an upper exterior flange on the receptacle secured at the underside of the sheet and adapted to rest upon the grommet, said sheet having a perforated portion forming a top-closure for the receptacle, and a removable closure for the bottom of the receptacle.

1,577,833. GRAB. GEORGE E. MCCRACKEN, Long Beach, Calif. Filed Oct. 20, 1924. Serial No. 744,744. 4 Claims. (Cl. 294—86.)



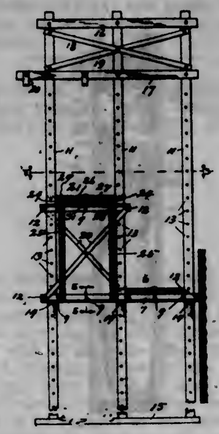
1. A grab comprising a pair of telescoping members, one member having a hooked engagement with the other, means rendered operable by the successive opposite axial movements of one member relative to the other for effecting said hooked engagement, and means rendered operable by the successive opposite axial movements of the one member relative to the other for effecting the disengagement of said hooked members.

1,577,834. AIR-BRAKE EQUIPMENT. GEORGE H. MAIMS, Los Angeles, Calif. Filed Apr. 2, 1924. Serial No. 705,726. 14 Claims. (Cl. 303—57.)



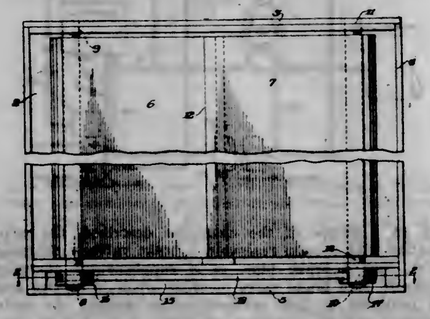
1. In a device of the character described, the combination with a main reservoir, a brake valve, a charging valve, and a brake pipe, of a supplemental charging reservoir, said brake valve operable when in service and lap positions to open communication between the main reservoir and the charging reservoir, and when in running release position to afford communication between the charging reservoir and the brake pipe, and said charging valve being automatically operable to normally close communication between the main reservoir and the charging reservoir when the brake pipe is fully charged to a predetermined pressure, and to automatically open communication between the main reservoir and the charging reservoir and the brake pipe, on reduction of pressure in the brake pipe.

1,577,835. SCAFFOLD. OSCAR F. MANN, Indianapolis, Ind., assignor to Nina C. Mann, Indianapolis, Ind. Filed Apr. 30, 1924. Serial No. 709,969. 3 Claims. (Cl. 304—29.)



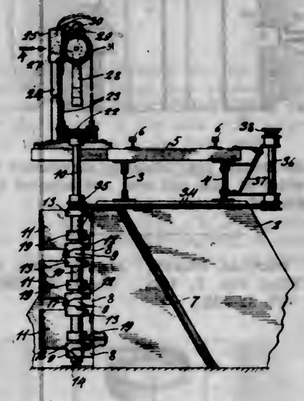
1. A scaffold comprising a platform, a pair of horizontal bars extending transversely of and under the platform and supporting it, spacers between the pair of bars, bolts rigidly uniting the pair of bars, a second like pair of horizontal bars above the first pair, diagonal braces connecting the two pairs, a pair of bars crossing and supported on the second pair, diagonal braces from the ends of the cross bars to the first pair of horizontal bars, a second platform on the second pair of bars and the cross bars, a plurality of vertical supporting members, slidingly assembled between the spaced apart bars of both horizontal pairs of bars, upon which the horizontal pairs are vertically adjustable, and means for obtaining a given adjustment of the horizontal pairs on the vertical members.

1,577,836. SAFE-DOOR CONSTRUCTION. JOSEPH J. MARIOTTI, Chicago, Ill., assignor to Daprato Statuary Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 12, 1925. Serial No. 14,865. 3 Claims. (Cl. 268—9.)



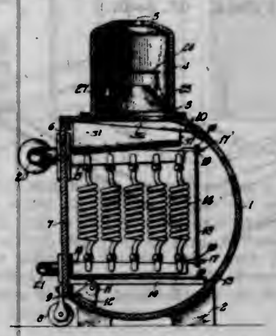
1. In combination, a pair of safe doors cooperatively engageable at one vertical edge when in closed position, upper and lower hinge members connected to said doors adjacent their opposite vertical edges, the lower hinge member of each door having a portion projecting beyond the lower edge of its respective door, a member provided with an abutment shoulder, on and adjustably connected to each of said projecting portions, a pivot pin in each member adjacent the shoulder thereon, and a bar pivoted at its ends to said pivot pins, said pins being so located on said members as to lie on substantially opposite sides of the line of centers of the door hinges when the doors are in one of their two extreme positions and said shoulders, pins and bar being constructed and arranged so that opening and closing movements of one door will correspondingly open and close the other door and so that opening movements of the doors beyond a predetermined position will be limited by engagement of one of said shoulders with the adjacent end of the bar.

1,577,837. RAILWAY-BRIDGE SIGNAL. ANDREW A. MATHESON, Denver, Colo. Filed Aug. 15, 1925. Serial No. 50,385. 6 Claims. (Cl. 246—20.)



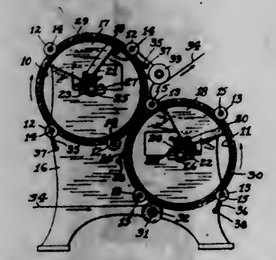
1. In a railway bridge signal, in combination, a semaphore located at an approach to the bridge and means for moving said semaphore to different signaling positions as the water rises above predetermined levels.

1,577,838. VAPORIZER. JOHN ALDEN MACLEAN, Hampton, N. J. Filed Dec. 16, 1924. Serial No. 756,188. 16 Claims. (Cl. 122—4.)



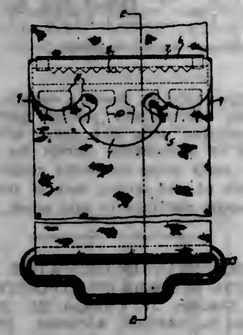
3. A vaporizer comprising among its members, a shell having an opening therein, a door detachably secured over said opening, a heating element mounted on the door, roller supporting means for the door located outside of the shell, a horizontal track rigidly secured to the inner face of said door and projecting through said opening into the interior of the shell, said track being provided with a vertically disposed flange member and a horizontally disposed flange member adjacent to the upper edge of the vertical flange member, and a supporting roller rigidly secured within the shell adjacent to said opening therein, and engaging the vertical flange member of said track.

1,577,839. WEB-DRYING DEVICE. ALBERT E. F. MOONS, Chicago, Ill. Filed Mar. 17, 1925. Serial No. 16,100. 33 Claims. (Cl. 34—48.)



1. In a web drying machine, the combination of a tubular drum having perforations through the cylindrical wall, devices rotatably supporting said drum, a stationary vacuum chamber having an open side closed by contact with the inner cylindrical surface of the drum, a delivery pipe extending from said chamber, and devices for feeding a web to be dried around the outer surface of said drum opposite the open side of said chamber.

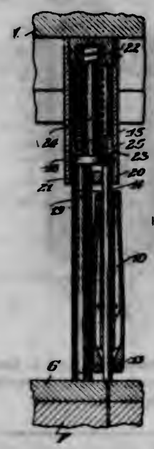
1,577,840. BUCKLE. ROSWELL A. MOORE and WILLIAM F. MURTHA, Waterbury, Conn., assignors to Waterbury Buckle Co., Waterbury, Conn., a Corporation. Filed Nov. 4, 1925. Serial No. 66,712. 3 Claims. (Cl. 24—184.)



1. A buckle having a frame comprising a plate and a top-bar, a lever pivotally connected with the top-bar, the plate formed with grippers each comprising a neck and a head struck out from it, the heads being wider than the necks.

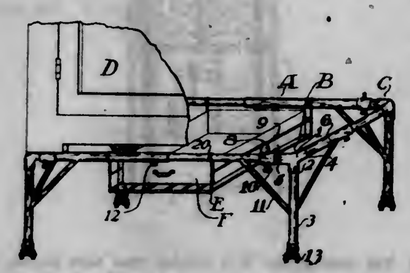
1,577,841. NAILING MACHINE. HENRY W. MORGAN, Rochester, N. Y. Filed Nov. 16, 1922. Serial No. 601,433. 10 Claims. (Cl. 1—10.)

10. In a nailing machine, the combination with a frame and a work holder thereon, a nailing head reciprocably mounted upon the frame, of a support located between the nailing head and the work, a chuck upon the support, a driver operable through the chuck, a stop located adjacent the chuck and adapted to engage the work to limit the movement of the driver, and yieldable



operating means for yieldably actuating the driver during the driving operation adapted to be actuated by the nailing head.

1,577,842. SANITARY REFRIGERATOR SUPPORT. WILLIAM J. MURPHY, St. Paul, Minn. Filed Mar. 21, 1924. Serial No. 700,942. 1 Claim. (Cl. 248—41.)

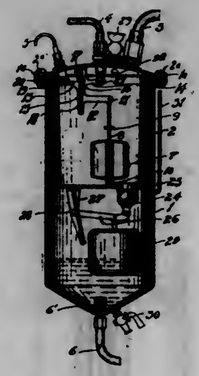


A refrigerator support comprising upright corner posts, telescopically adjustable frame members connecting the corner posts, and sleeve means slidable on the adjustable members each of said means having a pin integral therewith to penetrate a caster opening in a refrigerator.

1,577,843. VACUUM TANK. CHARLES S. NELSON, Cocolalla, Idaho, assignor of one-half to William H. Jaeger, Sandpoint, Idaho. Filed Feb. 14, 1925. Serial No. 9,811. 1 Claim. (Cl. 103—236.)

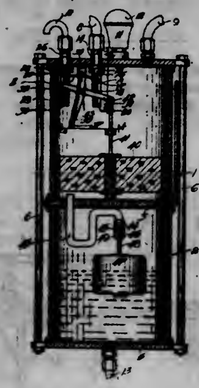
In a vacuum tank provided with spaced suction and vent ports in the top thereof, a bracket depending from the tank top between said ports, a three arm lever pivoted on said bracket, two arms of said lever extending oppositely from one end thereof and having balls formed

on the ends thereof for closing said ports, a snap throw spring extending between said bracket and the end of the third lever arm, said last named arm having an arm



extending laterally therefrom, and a float carrying stem pivoted on the outer end of said laterally extending arm for control of said lever movement.

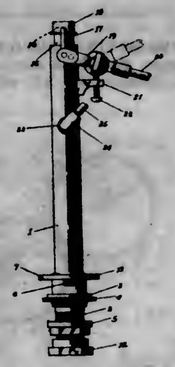
1,577,844. VACUUM TANK. CHARLES S. NELSON, Cocolalla, Idaho. Filed May 23, 1925. Serial No. 32,338. 5 Claims. (Cl. 103—236.)



1. The combination in a vacuum feed tank having an inlet opening and a vent opening and oppositely moving valves for said openings, of slotted stems on said valves, a single lever having a pair of arms disposed in said slotted stems, means for exerting a snap action on said lever, and float controlled means for actuating said lever.

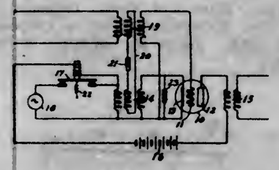
1,577,845. BALL COCK. JOHN C. NEWCOMB and ROMBO A. CASAROTTI, Oakland, Calif., assignors to Rex Manufacturing Company, Oakland, Calif., a Corporation. Filed Aug. 9, 1922. Serial No. 580,622. 1 Claim. (Cl. 137—104.)

In a valve structure for use in liquid tanks, a tubular member having its lower end arranged to project below a tank and having an outlet to discharge into the tank, said tubular member having a straight bore from the outlet downwardly, a sleeve mounted in the straight bore of the tubular member and being bored at its lower end to receive a standard intake pipe, the upper end of the sleeve being formed as a valve-seat, and an outwardly projecting flange on the lower end of the sleeve adapted to extend across and abut against the lower end of the tubular member, whereby to locate the sleeve in



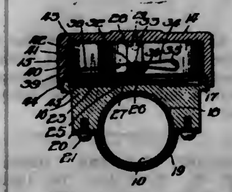
the tubular member, the latter being threaded to receive a flanged nut placed about the pipe, whereby said nut will both hold the sleeve in place in the tubular member and secure the intake pipe thereto.

1,577,846. ELECTRIC SPACE DISCHARGE DEVICE AND METHOD OF OPERATING THE SAME. ALEXANDER MCLEAN NICOLSON, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 27, 1918. Serial No. 268,492. 14 Claims. (Cl. 179—171.)



1. In a vacuum tube, an anode, a cathode, said cathode comprising two substantially parallel parts having no electrical connection with each other within the tube and a source of alternating current for heating said cathode, said parts being connected respectively to opposite terminals of said source, each of said parts being effective to supply electrons to said anode.

1,577,847. TEMPERATURE-INDICATOR APPARATUS FOR COOLING SYSTEMS OF EXPLOSIVE ENGINES. CHRISTIAN NIELSEN, Jr., Chicago, Ill. Filed July 14, 1917. Serial No. 180,688. 4 Claims. (Cl. 200—140.)



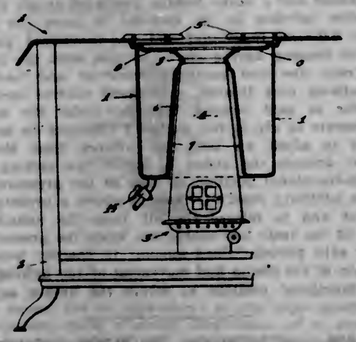
1. A device for the purpose set forth comprising a thermic cell having means to centrally support one wall thereof through which means heat is conducted to the cell, a socketed bearer seated centrally against the other wall of said cell, a fixed guide for said bearer, a pin loosely mounted in the socket of the bearer, and provided with a prolongation, a spring controlled arm having an opening through which said prolongation loosely extends and a series of signal circuit contacts over which said switch arm sweeps.

1,577,848. REFRIGERATOR. JOHN NORRENO, Seattle, Wash. Filed Oct. 3, 1923. Serial No. 666,300. 1 Claim. (Cl. 62—57.)



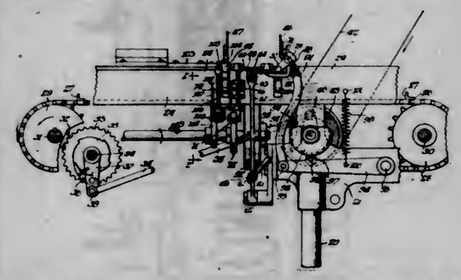
A refrigerator having a flush inner compartment, corrugated side members resting on the bottom of said compartment, end frame members flangedly arranged to form splash-proof connections with said side members, shelves supported by the corrugations of said side members, an ice container within the upper portion of said compartment having a top flange supported by the upper ends of the walls of said compartment, a bottom for said container inclined downwardly from a center ridge towards the sides thereof, narrow horizontal portions between said inclines and sides having perforations therein disposed between the corrugated side members and the sides of the compartment, and the bottom of said ice container supported by the upper ends of said corrugated side members with its four corners positioned in the flanged tops of said end frame members.

1,577,849. WATER-HEATING ATTACHMENT FOR OIL AND GAS STOVES. OTTO PETERMANN, Groton, N. Y. Filed Jan. 11, 1922. Serial No. 528,381. 1 Claim. (Cl. 126—58.)



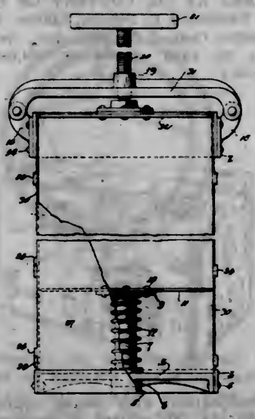
The combination of a stove having a burner including a chimney, an opening in the top of the stove, above and in line with the burner, having a greater diameter than the chimney, a grid extending across such opening, and a water heating attachment, comprising a tank formed with a vertical passage therethrough for the chimney, the tank surrounding the chimney, and having a top located beneath the grid, the wall of said passage being spaced apart from the chimney, and the chimney terminating short of the top of the tank, and the chimney engaging at its top the wall of said passage, and said passage flaring outwardly from the top of the chimney.

1,577,850. CARTON-CLOSING MECHANISM. FRANK M. PETERS and WARREN H. HUNGERFORD, Chicago, Ill., assignors to Peters Machinery Company, Chicago, Ill., a Corporation of Illinois. Filed July 7, 1921. Serial No. 482,882. 6 Claims. (Cl. 93—2.)



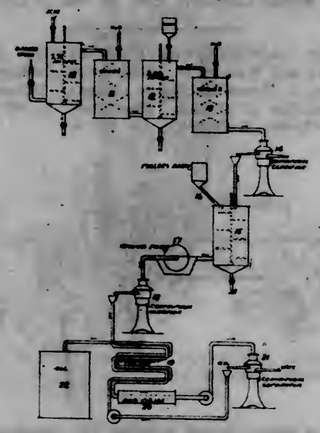
1. In a carton closing machine, the combination of a chute, propelling means extending through the chute and intermittently operable to advance a series of cartons step by step through the chute, a folder extending over the chute across the path of movement of the carton as it is propelled through the chute and pivoted to fold downwardly over the carton in the chute, and a similar folder movable to and from an operating position over the chute, said folder being spaced from and operable in a direction opposite to that of the first mentioned folder.

1,577,851. MEAT CONTAINER. CARL H. PESCHKE, Detroit, Mich. Filed Feb. 8, 1924. Serial No. 691,838. 3 Claims. (Cl. 100—57.)



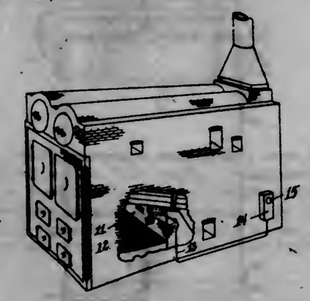
1. A container for boiling meat, comprising a shell, a detachable front wall carried by said shell, a spider in one end of said shell, a slidable centrally located plunger having a limited movement in said shell, a pressure head in said shell supported by said plunger, a bar connected to the opposite end of said shell, an adjustable screw carried by said bar, and a pressure head carried by said screw and adapted to be shifted into said shell to cooperate with the plunger pressure head in subjecting meat to pressure within said shell.

1,577,852. **PROCESS OF SEPARATING WAX FROM LUBRICATING OIL.** EARL PETTY, Winfield, Kans., assignor to The De Laval Separator Company, New York, N. Y., a Corporation of New Jersey. Filed Aug. 24, 1921. Serial No. 495,078. 5 Claims. (Cl. 196—19.)



4. The process of separating wax from mineral oil lubricating stock which comprises diluting the stock with a light petroleum distillate, then agitating the diluted stock with an acid, separating out acid sludge and agitating the acid treated stock with an alkali, then removing the soap and water from the stock, then mixing a clarifying and decolorizing agent with the stock and removing said agent with coloring matter, then chilling the stock, and then centrifuging the stock to separate the wax, with a proportion of the diluting agent, from the remainder of the diluting agent and the oil.

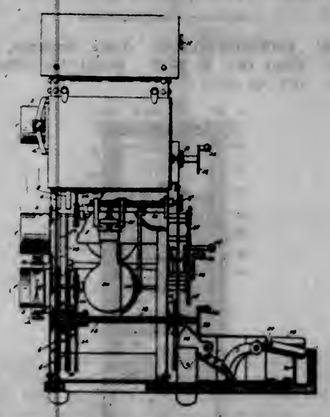
1,577,853. **APPARATUS FOR DETERMINING TEMPERATURES BY CO_2 CONTENT OF COMBUSTION GASES.** FREDERICK D. POTTER, Linden, N. J., assignor to Combustion Control Company, Inc., New York, N. Y. Filed Mar. 24, 1919. Serial No. 284,886. 3 Claims. (Cl. 73—32.)



1. The combination with means controlled in accordance with the CO_2 content of combustion gases of a chart cooperating with said means for directly indicating temperatures corresponding to CO_2 content of the gases.

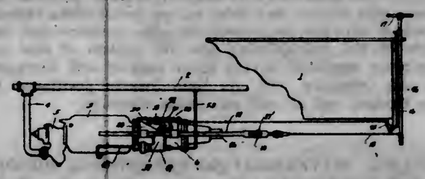
1,577,854. **CHROMOPIANO.** ARTHUR C. VINAGERAS, Lawrence, Mass. Filed Dec. 22, 1921. Serial No. 524,207. 9 Claims. (Cl. 240—1.)

1. In a light projecting apparatus, the combination of light-producing devices, a central outlet surrounded by a row of outlets, a central frame surrounded by a row of frames, for lenses, said frames being provided with means for changing and fixing the relative directions of the optical axes of the lenses without suppressing the coincidence of said optical axes with the luminous centers of the light-producing devices, wheels carrying



interchangeable opaque or transparent sectors of various colors, for shutting, coloring or changing the intensity of color of rays of light, means for controlling the relative areas of colors projected in juxtaposition or superposition within the area of a spot of light, and means for controlling the duration of projection of spots of light.

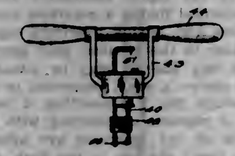
1,577,855. **AIR-BRAKE LOCK.** BERNHARD W. WESTBO, South Prairie, Wash., assignor to Railway Safety Brake Lock Corporation, Tacoma, Wash. Filed Mar. 9, 1925. Serial No. 14,090. 4 Claims. (Cl. 303—89.)



1. The combination with an air brake mechanism including a train pipe, an auxiliary air reservoir, braking mechanism and a brake locking device of an air cylinder, a piston operable in the cylinder to move the locking device between functional and non-functional positions, a valve housing having air connection with the cylinder, the train line and auxiliary reservoir and having an air exhaust port therein, valves and control mechanism therefor in said housing operable under the influence of pressure of air in the auxiliary reservoir to move the valves to admit air into the cylinder from the train line to actuate the piston to retain the locking device in non-functional position so long as the pressure of air in the auxiliary reservoir remains above a predetermined amount and to release the air from the cylinder and close off the train line connection when the pressure falls below said predetermined amount to thereby permit retraction of the piston and movement of the locking device into functional position to retain the brakes set.

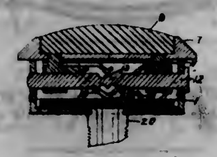
1,577,856. **SCRUBBING MACHINE.** SAMUEL A. WISEHART, Des Moines, Iowa. Filed Oct. 24, 1923. Serial No. 670,495. 1 Claim. (Cl. 15—80.)

In a device of the class described, a brush supporting element, a second brush supporting element, said first element spaced therefrom, brushes supported on said elements and conducting and supporting means arranged between said elements, comprising spaced annular walls connected by cross members inclined away from the vertical from their upper ends in a direction opposite the rotation of the device whereby fluid may be caught



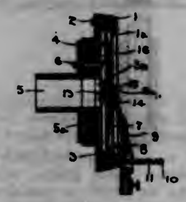
under their upper edges in the rotation of the brush supporting elements and guided downwardly without being permitted to splash up and out, means for rotating said brush supporting elements and means for supplying fluid soap or the like between them.

1,577,857. **SWITCH.** LOUIS B. WILLIAMS, Dayton, Ohio. Filed Sept. 14, 1923. Serial No. 662,656. 6 Claims. (Cl. 200—99.)



1. A combined automobile accelerator foot-rest and switch comprising a casing, means of supporting said casing, a plurality of contacts, said contacts being mounted within the casing upon an insulating base, a sliding cover for said casing having operating contacts suspended therefrom, and means to insulate said contacts from said cover.

1,577,858. **SOUND BOX OF SOUND-REPRODUCING MACHINES.** FRANK MILTON WINTER, Wellington, New Zealand. Filed Aug. 2, 1924. Serial No. 729,829. 3 Claims. (Cl. 274—35.)



1. In a sound box or reproducer of the type specified the combination with a metal diaphragm, of a stylus bar located on one side of said diaphragm, a hollow non-metallic cup-shaped washer on the opposite side of the diaphragm with the rim of the cup-shaped washer bearing against the diaphragm, and a screw between the cup-shaped washer and the stylus bar securing the parts together.

1,577,859. **DRIER.** JOHN H. WOODARD, Spokane, Wash., assignor to Sanitary Hand Dryer Company, Spokane, Wash., a Corporation. Filed Apr. 20, 1925. Serial No. 24,308. 3 Claims. (Cl. 34—26.)



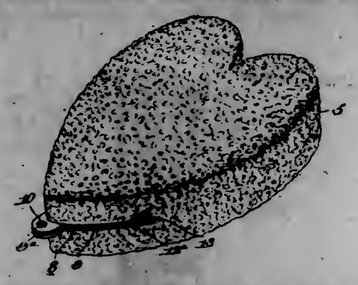
3. In a drier the combination with a flaring sleeve fixed within its wall and a valve hinged at one end of said sleeve, of an axially alined cap fixed to the wall and having a retaining flange, a nozzle swiveled in the cap, a gasket on the nozzle enclosed within the cap, a spring surrounding the nozzle and interposed between said wall and gasket, a link pivoted on the valve, a bell crank lever pivoted to the link, and means for actuating said lever.

1,577,860. **ROTARY-WASHER CYLINDER.** RICHARD W. YATES, Kansas City, Mo. Filed Mar. 17, 1924. Serial No. 699,763. 1 Claim. (Cl. 68—18.)



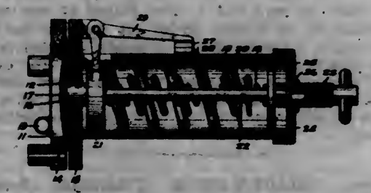
A slat construction for washing machine cylinders, comprising a slat bar having a pair of longitudinal slots, the portion of the slat between said slots projecting slightly outside the plane of the slat to form a longitudinal external partition, a scoop member having its longitudinal middle portion secured to the outer edge of said partition and forming scoop elements projecting laterally in both directions from said partition, and a hollow arch-shaped rib member having its middle portion provided with a longitudinal series of openings, the longitudinal edges of said rib member being secured to the sides of said slot member and the ends of said rib member having flanges for attachment to the washing machine cylinder.

1,577,861. SOAP HOLDER. ENGLAR L. HENRY, New York, N. Y., assignor of one-fourth to Edward B. Twombly, Summit, N. J. Filed Mar. 20, 1923. Serial No. 628,672. 3 Claims. (Cl. 15—122.)



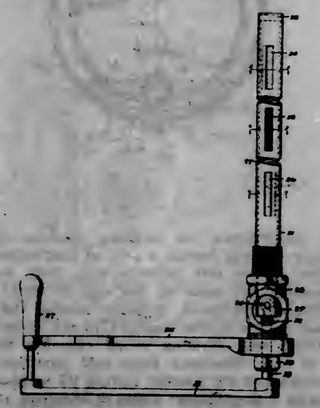
1. A soap-holder formed of cellular material having a central space bounded by the walls of the body, and a mouth opening to said space, flexible strips of impervious rubber secured to the walls of said mouth, and co-acting elements carried by said strips for holding said mouth in closed position.

1,577,862. PRESSURE-CONTROLLING DEVICE. ARTHUR J. KERCHER, Berkeley, Calif. Filed Oct. 9, 1922. Serial No. 593,470. 3 Claims. (Cl. 236—28.)



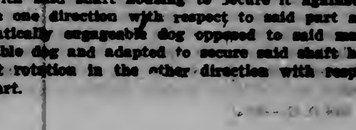
1. In combination, a pressure cell having a diaphragm and means for causing a force to be exerted opposed to the pressure of the cell comprising a plurality of resilient members, and adjustable means for successively bringing these resilient members into operation.

1,577,863. WATER HEATER. ARTHUR J. KERCHER, Berkeley, Calif. Filed Mar. 26, 1923. Serial No. 627,662. 1 Claim. (Cl. 126—362.)



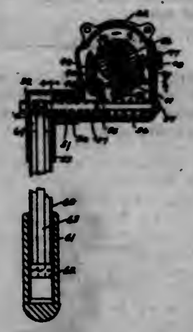
In combination, a tank for holding a liquid, an inlet pipe extending through the top of the tank and nearly to the bottom thereof, an outlet pipe connected to the top of the tank, a heater, a pipe from the top of the tank to the top of the heater, a tubular member extending through the bottom of the tank, up toward the top thereof, said member having a plurality of apertures at different levels communicating with the interior of the tank, a T connection at the bottom of the member, a pipe between the connection and the bottom of the heater, a thermostat associated with the heater to maintain the temperature of the liquid circulating therethrough between predetermined limits, a rotatable sleeve within the tubular member and having apertures capable of alinement with those in the member, said apertures being so arranged that any one set may be alined rotatably by adjusting the sleeve, a shaft connected to the sleeve and extending through the T connection, a handle attached to the shaft, a segment cooperating with the handle to indicate which of the apertures are alined as regards their location below the top of the tank, and means for fastening the segment to the T connection.

1,577,864. AUXILIARY AUTO SPRING. FREDERICK C. LEAVITT, Los Angeles, Calif. Filed Jan. 31, 1925. Serial No. 6,040. 4 Claims. (Cl. 267—60.)



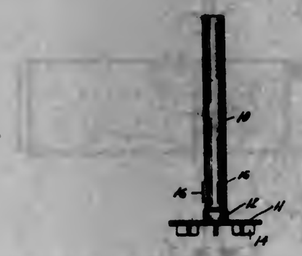
1. A spherical, coil spring having a stirrup clamped on its lower coil, and a depressed saddle clamped on its upper coil.

1,577,865. OUTBOARD MOTOR. JAMES A. MOULD, Milwaukee, Wis., assignor to Evinrude Motor Company, Milwaukee, Wis. Filed Mar. 5, 1923. Serial No. 622,740. 21 Claims. (Cl. 115—18.)



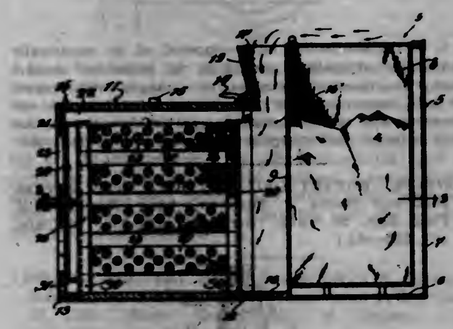
1. In a device of the character described, the combination with a dirigible part and a shaft housing independently rotatable concentrically with said part for reversing purposes, of a manually releasable dog engageable with said shaft housing to secure it against rotation in one direction with respect to said part and an automatically engageable dog opposed to said manually releasable dog and adapted to secure said shaft housing against rotation in the other direction with respect to said part.

1,577,866. BOBBIN. FRANK MOSSBURG, Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation, Attleboro, Mass., a Corporation of Massachusetts. Filed July 5, 1923. Serial No. 649,502. 3 Claims. (Cl. 242—121.)



1. A yarn package holder having a tubular body portion and a metal disc-shaped head-plate secured to one end thereof, said plate having radially-disposed spaced-apart relatively broad faced teeth cut from the stock of the plate and bent down from the plane thereof into operating position, the outer edges of the teeth being spaced a short distance inwardly from the periphery of said head-plate.

1,577,867. AIR-CONDITIONING MEANS. PAUL S. MOTZ, Chicago, Ill., assignor to The Aridor Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 18, 1922. Serial No. 582,791. 12 Claims. (Cl. 34—1.)



8. Air conditioning means for containers comprising, in combination, means for cooling the air of a container, dehydrating means closely associated therewith; a housing for said dehydrating means; a housing for said cooling means and having means cooperable with said first mentioned housing to form an air duct adjacent said cooling and dehydrating means; and means for controlling the circulation of air currents induced by the relative position of said cooling and dehydrating means.

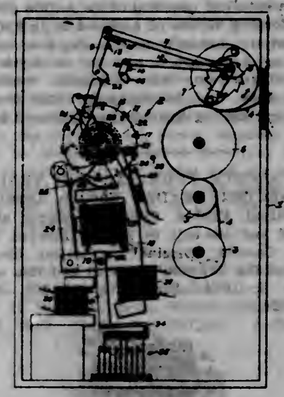
1,577,868. ADJUSTABLE CLAMP. HENRY MÜLLER, Waterbury, Conn. Filed June 20, 1925. Serial No. 38,400. 8 Claims. (Cl. 144—208.)

1. A clamp having a frame, one end of which is bifurcated, a lever mounted between the bifurcations, a screw cooperatively associated with one end of the lever for swinging it about its pivot, the screw and adjacent end of the lever being housed between the bifurcations,



and an abutment adjustably carried by the frame opposite the free end of the lever, the abutment being slidable along the frame when clamping pressure is released.

1,577,869. RECORDING INSTRUMENT. BORIS PODOLSKY, Los Angeles, Calif. Filed Feb. 21, 1920. Serial No. 360,268. 11 Claims. (Cl. 179—18.)

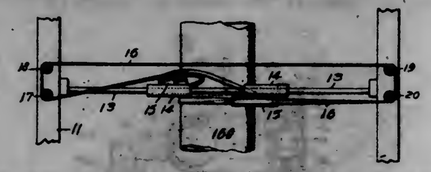


1. In an automatic telephone system in which an impulse wheel is used to secure necessary connections, a substation equipment comprising a number recording device and suitable electric units and circuits cooperating with said impulse wheel and number recording device whereby said number recording device may be operated by the said impulse producing wheel.

1,577,870. SPINDLE DRIVE FOR SPINNING MACHINES. JAMES C. POTTER, Pawtucket, R. I. Filed Aug. 16, 1922. Serial No. 582,269. 6 Claims. (Cl. 118—42.)

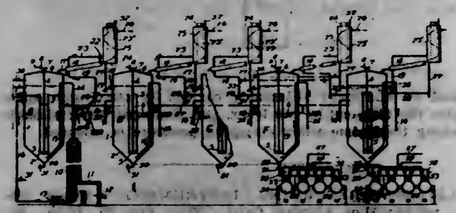
1. A spinning frame having traversable, rotatable spinning members arranged in rows, a stationarily supported driving roller situated between such rows of rotatable

members, a driving band passing from opposite sides of said roller, to said rotatable members, a pair of to and fro movable band supports partaking of the traversing



movement of said members, and means normally tending to move such band supports in a direction towards one another.

1,577,871. PROCESS OF CONTINUOUS CATALYTIC DISTILLATION. GEORGE L. PRICHARD and HERBERT HENDERSON, Port Arthur, Tex., assignors to Gulf Refining Company, Pittsburgh, Pa., a Corporation of Texas. Filed Feb. 14, 1922. Serial No. 536,503. 23 Claims. (Cl. 196—54.)



1. The process of producing lower boiling hydrocarbon from higher boiling hydrocarbons which comprises distilling a body of higher boiling hydrocarbons in the presence of a catalytic chemical of the nature of aluminum chlorid condensing vapors of higher boiling hydrocarbons and the catalytic chemical, maintaining a second body of higher boiling hydrocarbon and the catalytic chemical undergoing distillation, delivering said condensate to said second body, and delivering for final condensation vapors of lower boiling hydrocarbon produced in the first distillation.

1,577,872. SLEEVE TERMINAL FOR TRAIN PIPES IN CONNECTER HEADS. EDWARD ARTHUR ROBINSON, Montreal, Quebec, Canada, assignor of one-half to himself and one-half to Hilson Edward Workman, Montreal, Canada. Original application filed Jan. 7, 1922, Serial No. 527,568. Divided and this application filed Apr. 5, 1924. Serial No. 704,531. 8 Claims. (Cl. 285—24.)



1. In an automatic train pipe connecter, a connecter head, having a bore through the head, a collar threaded into the head bore and extending beyond the bore to abut against another head and a train pipe terminal carried by said collar.

1,577,873. ARTIFICIAL TREE TRUNK. ELMER L. ROOT, Mosier, Oreg. Filed Jan. 26, 1925. Serial No. 4,742. 2 Claims. (Cl. 41—15.)



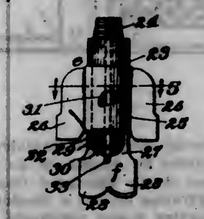
1. In an artificial tree, the combination of a folding base member having a hole formed therein, a shouldered plug fitted into said hole and having its upper end tapering; a tapering tubular shell resembling a tree trunk fitted on to said tapering plug; a plurality of tapering shells whose ends telescope together and unite to form a tapering trunk with said first mentioned shell; and means for attaching natural branches to said trunk.

1,577,874. THERMOELECTRIC UNIT. SAMUEL RUBEN, New York, N. Y. Filed Dec. 1, 1922. Serial No. 604,452. 2 Claims. (Cl. 136—4.)



1. A thermo-electric unit composed of an electrically conductive crystalline compound in molecular contact with two opposing electrodes, so arranged with respect to said compound that the contact area between one electrode and said compound is greater than the contact area between said compound and said other electrode.

1,577,875. ROTARY DRILLING BIT. JOHN RUTHERFORD and HENRY P. SCANLON, Long Beach, Calif. Filed Sept. 28, 1922. Serial No. 590,597. 1 Claim. (Cl. 255—61.)

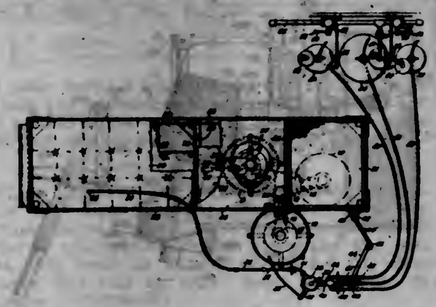


In a rotary drilling bit, a shank, a tail bit carried on said shank, a second tail bit secured to the shank and adapted to lock the first tail bit on said shank, the relative angularity between the tail-bits being adjustable.

1,577,876. MEDICAL APPARATUS FOR USE IN PROCTOTHERAPY. OSCAR DOTO SCHELLENS, New York, N. Y. Filed May 16, 1925. Serial No. 30,690. 2 Claims. (Cl. 128—213.)

1. A proctotherapeutic apparatus comprising a patient receiving table having an apertured top, a receiving

basin supported beneath the aperture, said basin having a fixed permanent sewer connection, a second receiving basin supported under said table, a sewer connection comprising a pivot for swinging said second basin from



under said table to a lateral position at one side thereof, and valve controlled means for intestinal irrigation, said means being adapted for discharge into either of said basins.

1,577,877. TIMING MECHANISM FOR AUTOMOBILES. ALBERT SCHUMACHER, Wallingford, Conn. Filed Dec. 26, 1924. Serial No. 758,049. 1 Claim. (Cl. 200—26.)



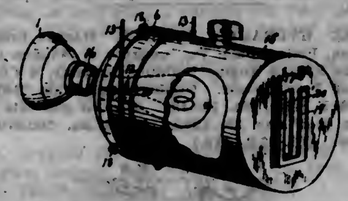
In a distributor for an internal combustion engine, a shell member, a commutator located in said shell member and mounted to rotate with the engine crank shaft, said commutator having a tubular metallic core provided with a plurality of integral staggered terminals extending to the circumference of said commutator, and a plurality of adjustable slotted resilient contact strips secured to said shell member, said strips being insulated from said shell member and extending inwardly to contact with said terminals.

1,577,878. POULTRY DRINKING FOUNTAIN. CHRISTIAN E. STALHEIMER, Garden Home, Oreg. Filed Dec. 17, 1924. Serial No. 756,515. 4 Claims. (Cl. 119—77.)



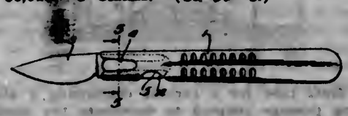
1. A poultry drinking fountain, comprising a pan, upright standards having their lower ends secured to said pan, a circular collar secured to the upper ends of said standards, an invertible reservoir removably disposed within said collar, and a supporting band, having outstanding lugs, adjustably secured about said reservoir.

1,577,879. OPTOMETRICAL-TEST TARGET. CALVIN GAY STEVENS, Osborne, Kans. Filed Dec. 26, 1923. Serial No. 608,994. 5 Claims. (Cl. 88—30.)



1. In an optometrical test target for determining and correcting errors of refraction, an electric lamp, means for causing the projection of a straight line of violet light from the lamp and for adjusting said line to different angles about an axis.

1,577,880. SURGICAL KNIFE. ALEXANDER A. S. STUART, Harrisburg, Pa. Filed Oct. 31, 1925. Serial No. 66,016. 5 Claims. (Cl. 30—3.)



1. A knife comprising a blade formed integrally with a shank longitudinally bifurcated to form two spaced fingers, one of said fingers being resilient and formed at its free end with a locking head; and a handle formed at one end with a socket adapted to snugly receive the blade shank endwise said handle being formed with a notch in one of its outer sides opening into the side of the socket and adapted to receive the said locking head when the shank is inserted into the socket, the said blade fingers being normally spread apart to a greater width than the width of the socket, whereby the flexible finger will be compressed toward the other finger when the shank is forced into the socket and the locking head will be snapped outwardly into said notch by the resiliency of the flexible finger to lock the blade against withdrawal from the handle.

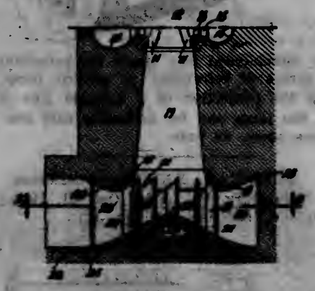
1,577,881. MOLD FOR CURING TIRE CASINGS. OSCAR E. SWANSON, Minneapolis, Minn., assignor of one-half to Floyd G. Bean, Minneapolis, Minn. Filed Mar. 27, 1922. Serial No. 547,209. 4 Claims. (Cl. 18—45.)



1. In combination, companion mold members forming an annular casing receiving cavity, a composite fluid container comprising an internal annular support for a casing in said cavity, said container consisting of an

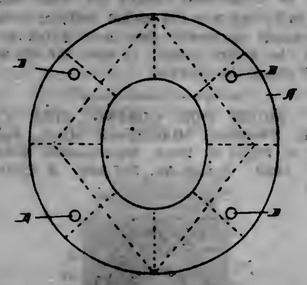
annular lining pad of resilient material adapted to be confined wholly within the casing and a ring for bridging the space between the edges of said pad, said ring being adapted to back the edge portions of the pad against the inside of the tire and to press into the material at the inner margins of said portions to seal said container, pressure tight, upon the assembling of said mold members.

1,577,863. HYDRAULIC TURBINE. HARVEY BISCHARD TAYLOR, Philadelphia, Pa., assignor to William Cramp & Sons Ship & Engine Building Company, a Corporation of Pennsylvania. Original application filed July 24, 1917, Serial No. 182,486. Divided and this application filed May 22, 1922. Serial No. 562,970. 19 Claims. (Cl. 253—118.)



1. A draft tube for a turbine comprising a straight expanding passage adapted to decelerate the discharge, and an annular passage receiving the flow from said straight passage and guiding it toward the radial direction while decelerating both the meridian and whirling components of velocity of flow, said annular passage being contained between outer surfaces of revolution and a central conical member having a convex rounded apex.

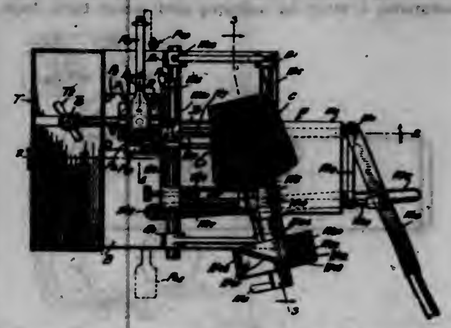
1,577,883. SEAT COVER. ORIN M. THOMAS and HOWARD FISHER, Los Angeles, Calif. Filed Apr. 14, 1925. Serial No. 22,969. 2 Claims. (Cl. 4—248.)



1. As an article of manufacture a body of thin material folded into a compact packet, part of the adjacent folds thereof being perforated and the perforations coinciding to produce a recess on one side and a solid backing over said recess on the other side so that an instrument may be made to engage said packet in said recess to move it and be prevented from projecting through the packet.

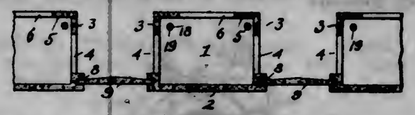
1,577,884. DYEING APPARATUS. HENRY E. VAN NESS, Elmira, N. Y. Filed Apr. 3, 1923. Serial No. 629,632. 52 Claims. (Cl. 8—18.)

4. Apparatus of the class described, comprising a nozzle, a support for an absorbent mass, means for causing a relative approaching movement between said support and the nozzle, means for stopping said approaching movement when the nozzle is pressed firmly against



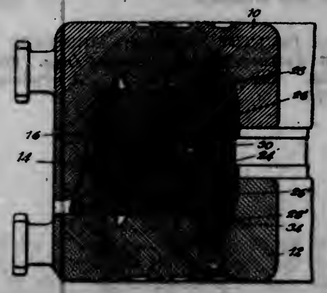
the surface of the mass, and means for forcing under pressure a limited quantity of liquid into the mass through the nozzle.

1,577,885. RETAINING WALL. WILBUR J. WARREN, East Cleveland, Ohio. Filed May 20, 1922. Serial No. 562,291. 5 Claims. (Cl. 61—46.)



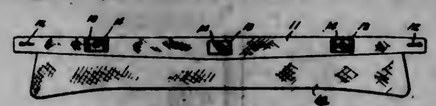
1. A retaining wall having crib like anchoring units projecting rearwardly therefrom, said anchoring units having rearwardly extending side walls with transversely extending openings one above another and a rear wall with transversely extending openings one above another which permit loose material filled in behind the wall to enter and fill said units and serve to firmly anchor said units in the embankment.

1,577,886. METHOD AND APPARATUS FOR MANUFACTURE OF CUSHION TIRES. HARRY WILLSHAW, Buffalo, N. Y., assignor to Dunlop Tire and Rubber Corporation of America, Buffalo, N. Y., a Corporation of New York. Filed May 28, 1924. Serial No. 716,296. 3 Claims. (Cl. 18—55.)



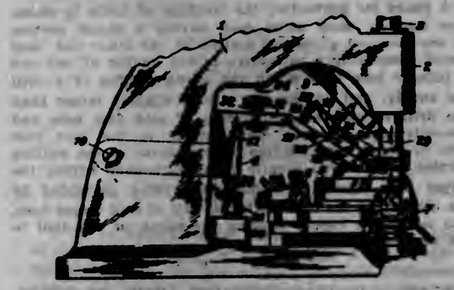
1. In the manufacture of tires, the method which consists in assembling the tire on a rim comprising two parts with a space between them, inserting a semi-solid rubber core to retain the shape of the cavity in the tire during the subsequent steps, vulcanizing the tire with said core in place and stretching the core to alter its cross-sectional area to facilitate its removal from the tire.

1,577,887. COLLAR. HERMAN O. R. WINKELMAN, Baltimore, Md. Filed July 25, 1925. Serial No. 46,000. 1 Claim. (Cl. 2—130.)



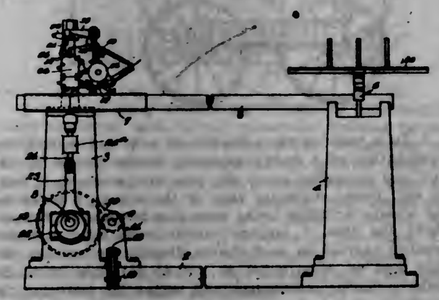
A collar having a band provided with button holes at its ends, and tabs secured to said collar at the rear and side portions of the band and on the outer face of the band, said tabs being provided with button holes.

1,577,888. BUTTON-ATTACHING MACHINE. FRANKLIN R. WHITE, Waterbury, Conn., assignor to The Patent Button Company, Waterbury, Conn., a Corporation of Connecticut. Original application filed Feb. 26, 1925, Serial No. 11,664. Divided and this application filed June 23, 1925. Serial No. 39,070. 13 Claims. (Cl. 218—6.)



8. In a button attaching machine, button feeding means, an arm, a pair of spring-pressed jaws mounted at the outer end of said arm and provided with a pocket at their outer extremities for the reception of a fed button, and a pair of superimposed supplemental spring pressed jaws having two lips normally extending over the pocket in the first mentioned jaws to thereby prevent a button from flying upwardly from said pocket when a button is fed thereto.

1,577,889. MACHINE FOR FASTENING TUBULAR LENGTHS. FRANK HENRY ANSON, Jr., Iroquois Falls, Ontario, Canada. Filed Jan. 8, 1922. Serial No. 526,635. 21 Claims. (Cl. 1—2.)



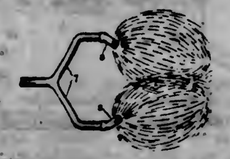
1. In a machine for fastening tubular lengths, the combination with fastener inserting mechanism of a support encircled by and upholding a tubular length adjacent the fastening mechanism and positively actuated mechanism for engaging and turning the length with respect to the support and while upon the latter whereby a new location for succeeding fasteners is presented circumferentially of the tubular length.

1,577,890. BRATTICE SHEETING. CLINTON D. ABRAHAM, deceased, late of Wilmington, Del.; by Chester H. Ross, administrator, Wilmington, Del., assignor to E. I. Du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed June 25, 1921. Serial No. 480,480. 7 Claims. (Cl. 91—68.)

5. As a new article of manufacture, brattice sheeting consisting of a fabric whose fibers are impregnated with an ammonium phosphate to render them fireproof, said fabric having on both sides a strongly adherent coating comprising a high grade rubber, coal tar and natural bitumen.

7. As a new article of manufacture, brattice sheeting comprising a fabric impregnated and coated with unvulcanized rubber and coal tar.

1,577,891. STEAM INJECTOR FOR FURNACES. NON H. BROWN, Detroit, Mich. Filed May 22, 1925. Serial No. 32,234. 2 Claims. (Cl. 110—30.)



1. A steam injector for furnaces comprising a pair of discharge pipes branching in a horizontal plane, and a pair of jet nozzles terminating each of said discharge pipes and diverging in a substantially vertical plane, and having outlets, the directions of which are convergent.

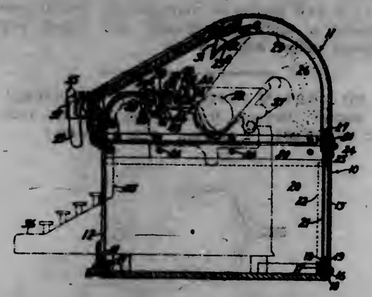
1,577,892. THERMOSTATIC FIRE ALARM. JAMES H. BUCHANAN, Pawtucket, R. I. Filed Oct. 26, 1925. Serial No. 64,764. 1 Claim. (Cl. 116—106.)



In a thermostatic fire alarm, a back provided with a vertical guideway, a hook in the back in the upper portion of the guideway, a fusible member, a wire embedded in the upper portion of the fusible member detachably engaging the hook, a second wire embedded in the lower portion of the fusible member, a weight slidably mounted in the guideway below the fuse detachably supported by the second wire, and provided with a beveled lower end, a transverse base plate fixed to the back below the weight and spaced from the rear of the guideway, a shaft in the plate, a gong on the shaft, a vibratory hammer carried by the plate and adapted to contact with the gong, a gear train operable to actuate the hammer, a resilient plate fastened near one end to the base plate, a projection on the resilient plate normally engaging the gear

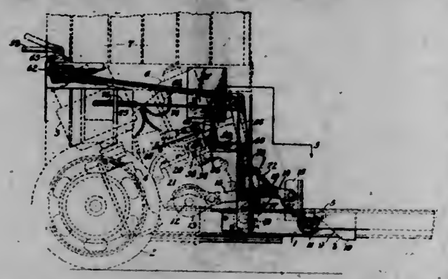
train, a pin slidably supported in the base plate at right angles to the back projecting into the path of the weight and in contact with the resilient plate whereby the latter will be moved to release the train when the weight descends.

1,577,893. TYPEWRITING MACHINE. GEORGE W. CAMPBELL, Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 11, 1922. Serial No. 587,801. 15 Claims. (Cl. 197—186.)



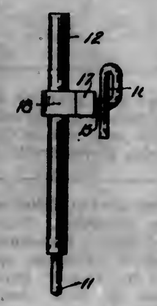
1. In a sound-deadening casing for typewriting machines, a body-portion consisting of a single casting having a channel formed adjacent its lower extremity, a plate having its lower edge received in said channel, vibration-dampening material positioned in the channel on both sides of the plate and completely filling the spaces between the plate and the walls of the channel, vibration-dampening material spacing the upper end of the plate from the casing, and means for attaching the plate to the casing at its upper end.

1,577,894. INDUSTRIAL TRUCK. WILLIAM C. CARR, Buffalo, N. Y., assignor to The Automatic Transportation Company, Buffalo, N. Y., a Corporation of Arizona. Filed Feb. 9, 1922. Serial No. 535,246. 3 Claims. (Cl. 254—5.)



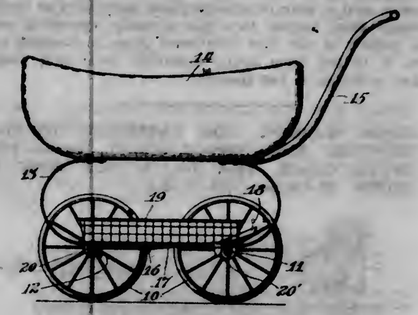
1. In an industrial truck of the type having a lifting platform, a supporting frame therefor, operating means for said platform, and an electric motor for actuating said operating means and a switch controlling the circuit of said motor, automatic control mechanism for said switch including a rockably mounted actuating arm located behind the rear end of said platform and above said supporting frame and provided with a tappet for engagement directly by said platform at its rear end at a period of its movement in one direction and also with a hook co-operative with said operating means to function as a link connection to the same during a period of the movement of said platform in the opposite direction, said actuating arm being thereby operated by said platform and operating means to open said switch.

1,577,895. DRILL ATTACHMENT. JAMES A. CONARD, New York, N. Y. Filed July 30, 1921. Serial No. 488,726. 1 Claim. (Cl. 77—55.)



A guard for preventing the breaking of drills by excessive bending, such drills each having a shank portion at one end and a cutting portion at the other end, said guard comprising a protective casing having at one end a tubular bore into which the shank portion of a drill fits snugly, and having also a bore slightly larger than the drill forming a continuation of said first bore and concentrically disposed with respect to the said first bore to permit slight lateral displacement of the cutting portion of the drill equally in all directions within the larger bore, excessive displacement being prevented by the contact of the drill with the wall of said larger bore, and means for rigidly holding the shank of the drill in the smaller bore.

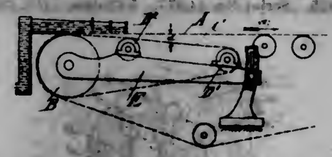
1,577,896. LUGGAGE CARRIER FOR VEHICLES. JAMES A. CVRCEK and ANNA H. CVRCEK, Chicago, Ill. Filed Jan. 12, 1925. Serial No. 1,743. 6 Claims. (Cl. 224—29.)



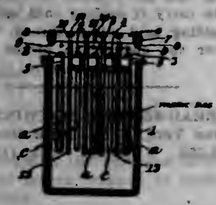
1. In a baby carriage having an axle and wheels, the combination of a body supporting frame carried by the axle and extending above the tops of the wheels, a body on said frame above the tops of the wheels, a brake for the wheels including brake actuating mechanism disposed above the axle, a luggage carrier comprising a basket member carried on said frame directly underneath the body and so constructed as not to interfere with the brake actuating mechanism, and means for fastening the carrier to the frame.

1,577,897. PAPER-MAKING MACHINE. ALOIS DANNINGER, Steyrermuhl, Upper Austria. Filed Dec. 12, 1924. Serial No. 755,891. 6 Claims. (Cl. 92—44.)

1. In a Fourdrinier machine, the combination of a wire travelling round a breast roll, an endless perforated web through which water may pass inside of the wire travelling likewise round the breast roll and accompanying the upper portion of the wire underneath in contact with same on a part of its way toward the suction boxes.

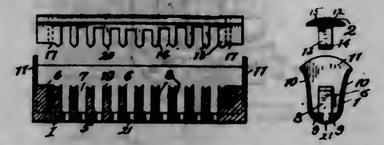


1,577,898. ELECTROLYTIC SEPARATION APPARATUS. AUGUST DASSBACH, Hanau-on-the-Main, Germany, assignor to Irvington Smelting & Refining Works, Irvington, N. J., a Corporation of New Jersey. Filed July 11, 1924. Serial No. 725,320. 7 Claims. (Cl. 204—5.)



1. In an apparatus for separating metals, a plurality of dissolving vats, means for supporting the anodes and cathodes within the vats, scraper elements interposed between the anodes and cathodes and supporting means for the scraper elements consisting of separate movable carriages associated with each of the vats, scraper supporting bars detachably mounted upon the carriages, operating means and detachable connections between the carriages and the operating means adapted to permit the removal of each of the carriages as a unit.

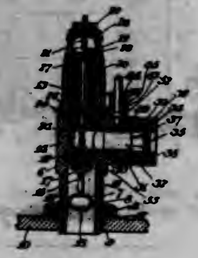
1,577,899. HARMONICA. GEORGE B. DUSINBERRE, Elmira, N. Y. Filed May 31, 1922. Serial No. 564,879. 11 Claims. (Cl. 84—377.)



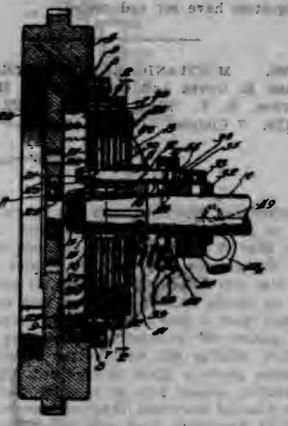
6. A harmonica, comprising a pair of cell forming body members, each having transverse grooves forming teeth between them and having lateral projections, the teeth of one of said members having grooved ends and the teeth of the other of said members having their end portions formed to fit in said grooves, reed plates positioned between the lateral projections of one of said members and the lateral projections of the other, and means for clamping said body members together with their teeth abutting end to end and with said reed plates clamped between said projections.

1,577,900. SPARK PLUG. MICHAEL EVANS, Philadelphia, Pa. Filed Sept. 14, 1923. Serial No. 662,601. 7 Claims. (Cl. 123—169.)

1. A spark plug comprising a housing adapted to be mounted in the cylinder of an automotive engine, conducting members, and means for insulating said conducting members from said housing, the structure having an internal spark gap chamber, in communication with the interior of the engine cylinder, said conducting members having ends terminating in said chamber in proximity to each other to form an auxiliary spark gap therebetween, a transparent window member mounted in a portion of said housing, opposite said internal spark gap chamber, a valve member enclosedly mounted in said housing and interposed between the window member and the spark gap chamber, adapted to be mounted in the cylinder of an automotive engine and externally extending manually operable means for rotating said valve member between the open and closed positions.



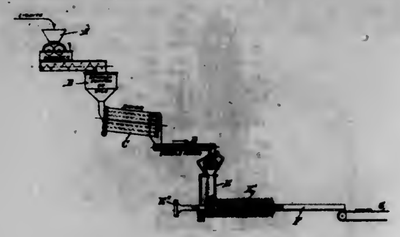
1,577,901. FRICTION CLUTCH. THOMAS L. FAWICK, Racine, Wis., assignor to Twin Disc Clutch Company, Racine, Wis., a Corporation of Wisconsin. Filed Dec. 22, 1921. Serial No. 524,183. 21 Claims. (Cl. 192—69.)



1. In a clutch, the combination of a plurality of driving and driven plates, a driven member, a pressure disc, and means connecting the driven member and pressure disc, the pressure disc being so shaped that it is reversible on said means to accommodate the use of a variable number of driving and driven plates.

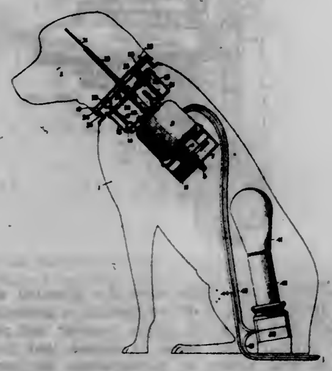
6. In a clutch, the combination of a plurality of alternating driving plates and driven plates, a driven shaft, a member fast on said shaft, rods projecting through said member, a pressure disc on one end of the rods, a device adapted to be adjusted on the other end of the rods, spring means cooperating with said device, and a sleeve on said shaft having recesses into which one end of each of the rods projects.

1,577,902. BLOCK OR BRIQUETTE OF LIGNITE AND METHOD OF MAKING THE SAME. EMIL FERNHOLZ, Los Angeles, Calif., assignor to Fernholz Machinery Company, Los Angeles, Calif., a Corporation of California. Filed Dec. 22, 1924. Serial No. 757,473. 5 Claims. (Cl. 44—10.)



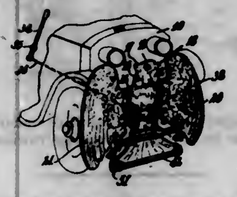
1. The process of making blocks or briquettes of lignite which consists in crushing the lignite into comparatively small particles, tempering the crushed lignite by storage of limited duration, treating the tempered lignite for moisture removal by exposure to indirect heat derived from steam, cooling and simultaneously mixing and feeding the dry material in such a manner that the same arrives in uniform condition and mass at a mold of the extrusion type, forcing the material through such constricted mold under high pressure until bitumen contained in the material is melted and a strong waterproof binder is formed in the material as it leaves the mold, depositing the extruded briquettes from the mold orifice into a channel under conditions which avoid shocks in the freshly briquetted material and then gently feeding the briquettes forward along said channel until the briquettes have set and cooled.

1,577,903. MECHANICALLY-OPERATED FIGURE. ALFRED E. GOVER and CHRISTIAN H. HARTMAN, Port Jefferson, N. Y. Filed Apr. 6, 1922. Serial No. 550,179. 7 Claims. (Cl. 46—40.)



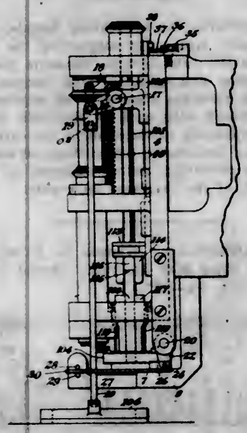
1. A hollow mechanically operated figure comprising fixed and movable figure members, means located within the fixed figure member for operating the movable figure member, said means including an electric motor, means including a thermal switch associated with said electric motor for moving the movable member indeterminately with respect to the fixed member.

1,577,904. LIFE-SAVING AUTOMOBILE FENDER. IGNATIUS B. GRIMALDI, Brooklyn, N. Y. Filed July 21, 1925. Serial No. 44,977. 5 Claims. (Cl. 293—16.)



1. A fender comprising a representation of an eagle, means for normally holding the wings of the eagle spread, a movable tail piece, means for trundling the tail piece over the ground, means for allowing an elevation of said tail piece when meeting an obstruction in the road to carry it against said wings for releasing the means holding said wings spread, for a closing of the wings over the obstruction picked up by the said tail piece.

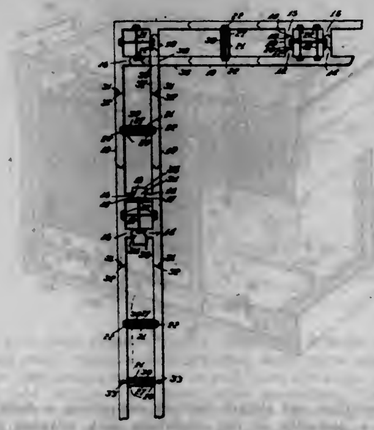
1,577,905. BEAD-SEWING MACHINE. JOSEPH A. GROSSLI, New York, N. Y. Filed Mar. 26, 1925. Serial No. 18,355. 8 Claims. (Cl. 112—102.)



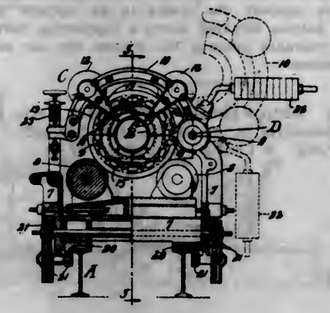
8. In a sewing machine, the combination with stitch forming mechanism of universal feeding mechanism embodying a feeder foot and a plurality of shifting means connected to said feeder foot at various points, of common means for actuating all of the plurality of shifting means alike to shift the feeder-foot in its own plane.

1,577,906. BUILDING CONSTRUCTION. FRANK B. HAHN, Decatur, Ill. Filed Mar. 13, 1919, Serial No. 282,460. Renewed Aug. 26, 1925. 11 Claims. (Cl. 72—30.)

1. A construction of the character described, including in combination, a plurality of slabs or units arranged to form a double wall construction, certain of said slabs or units in each part of said double wall having laterally extending flanges adapted to interfit with the opposed flanges whereby hollow columns or posts are provided at intervals thruout the length of the wall, and filler blocks interposed between said laterally extending flange members whereby hollow columns or posts are provided thruout the length of the wall, and securing means extending across said hollow columns or posts for holding said parts together.



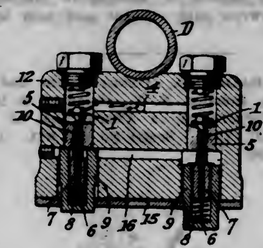
1,577,907. POLE-MAKING MACHINE. DAVID B. HANNA, Chicago, Ill. Filed July 17, 1925. Serial No. 44,161. 18 Claims. (Cl. 25—30.)



1. A pole making machine comprising in combination, a mold, a sectional tire therefor, lower supporting means, and upper supporting means, one of said means being movable and adapted to carry a section of the tire therewith to expose parts lying therewithin, and the supporting means being arranged to co-operate to hold the sections of the tire in tire form when the parts are in operative position.

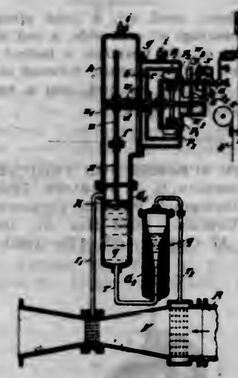
1,577,908. DOOR-MOTOR CONTROL. LEE P. HYNDS, Albany, N. Y., assignor to Consolidated Car-Heating Company, Albany, N. Y., a Corporation of West Virginia. Filed July 2, 1919. Serial No. 306,153. 13 Claims. (Cl. 137—139.)

1. The combination with a valve-operating cylinder and piston of a service pipe leading therefrom to a distant point of control, a push-button and pressure supply pipe at said point, and also at said point exhaust



and supply valves for said service pipe, both operated by said push-button in the same stroke but separately and in sequence.

1,577,909. RECORDING VENTURI METER. WILLY KATH, Berlin-Friedenau, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a German Corporation. Filed Aug. 24, 1921. Serial No. 494,985. 6 Claims. (Cl. 284—34.)



6. Venturi meter of the type described comprising a pressure chamber containing a float supported by the liquid in said chamber, a casing attached to said pressure chamber, a spindle journalled at one end in said chamber and having its outer end extending into said casing, a rack-bar on said float and a small pinion on said spindle and in mesh with said rack-bar, a long bushing mounted in the partition wall between the casing and the pressure chamber surrounding the spindle without direct contact with the bushing wall, a drum mounted on said spindle and disposed in said casing, permanent magnets on said drum, the path traversed by said magnets being a multiple of the path traversed by said float, a second spindle revolvably mounted at the outside of said casing, permanent magnets on said second spindle magnetically coupled with the first mentioned magnets, a recording element and a third spindle operatively connected therewith, gearing between the second and the third spindle, the ratio between said float path and said coupling path being increased and the gearing ratio between said third and second spindle being decreased to increase the circumferential path of said coupling to a multiple of the float path for the purpose of reducing the torque required to be transmitted by said coupling, the gearing between said second and third spindle being reduced sufficiently to render the path of said recording element approximately equal to the float path, and a yielding coupling inserted between said re-

carding element and said third spindle for transmitting the rotary motion of said spindle to said element, said coupling being capable of yielding to forcible relative movement between said element and said spindle by outside forces.

1,577,910. HEADBAND. HENRY KOCH and ADOLPH SCHÖNMANN, Jamaica, N. Y., assignors to Dictograph Products Corporation, a Corporation of Virginia. Filed Mar. 27, 1922. Serial No. 546,971. 10 Claims. (Cl. 179—156.)



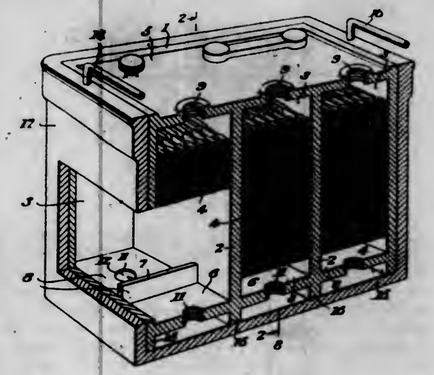
1. In a telephone head set, a head strap having a pair of spaced bearings at each side, a rod slidable endwise in each pair of said bearings, a helical spring surrounding each rod and compressed between said bearings and frictionally engaging the rod, and a receiving ear piece attached to each rod.

1,577,911. LOUD SPEAKER FOR VEHICLES. HENRY KOCH and FRIEDRICH H. N. WOHLERS, Jamaica, N. Y., assignors to Dictograph Products Corporation, a Corporation of Virginia. Filed Mar. 27, 1922. Serial No. 547,118. 17 Claims. (Cl. 179—146.)



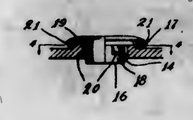
4. In a loud speaking telephone receiver for concealment in walls, an amplifier to be concealed behind a wall with its ends aligned with openings in the wall, and a telephone receiver detachably connected to the sound entrance end of said amplifier, and adapted to be disposed upon the exterior of the wall.

1,577,912. STORAGE-BATTERY JAR. JOHN LOUIS LANGE, Dumont, N. J. Filed Aug. 28, 1925. Serial No. 53,141. 4 Claims. (Cl. 136—166.)



1. A multiple cell electric battery comprising a casing forming a plurality of cell chambers each adapted to hold battery plates; upstanding ribs located in the lower ends of the cell chambers and adapted to support the battery plates, said ribs being integrally formed with the bottom of the casing and the side walls of the cell chambers and dividing the lower end of each cell chamber into a plurality of pockets, the bottom of the casing being formed with a plurality of drain openings each leading from one of the said pockets; threaded closure members adapted to be applied at the under side of the bottom of the casing to close the drain openings; and supporting flanges integrally formed with the bottom of the casing and depending therefrom; said flanges being formed to support the casing in an upright position with its bottom elevated above a supporting surface to provide clearance beneath the bottom for the said closure members.

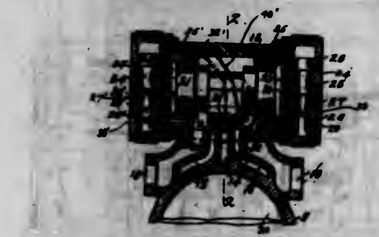
1,577,913. REMOVABLE VALVE SEAT. OTTO C. LARSON, Brooklyn, N. Y. Filed Mar. 24, 1925. Serial No. 17,859. 6 Claims. (Cl. 251—167.)



1. A removable valve seat of the class described comprising a tubular body, one end portion of which is enlarged radially, a gasket adapted to be mounted on said body and adjacent the enlarged portion thereof, said tubular body being provided intermediate the ends thereof with a plurality of outwardly pressed knob members adapted to engage the walls of the port of a valve to frictionally retain said seat in connection therewith, and said knob members being adapted to be compressed inwardly and radially to compensate said valve seat to ports of different sizes.

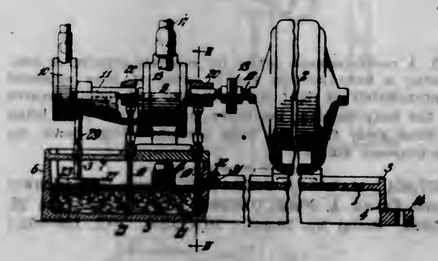
6. A removable valve seat of the class described comprising a tubular body provided with projecting yieldable means adapted to extend into the port of a valve device and to frictionally engage the walls of said port to retain said seat in connection with said valve device, and means including said yieldable means for retaining a gasket in connection with said body when the valve seat is not in use.

1,577,914. STEAM-ENGINE VALVE GEAR. JOHN A. LE CAIN, Malden, Mass. Filed Nov. 8, 1921. Serial No. 513,754. 8 Claims. (Cl. 121—158.)



1. A fluid pressure engine comprising a main cylinder and steam chest, a fluid actuated main valve controlling the distribution of steam to and from the main cylinder, a fluid actuated auxiliary valve controlling the movement of the main valve, and means operating when the main valve is stopped in dead center position to move the auxiliary valve by applying unbalanced pressures thereon whereby the auxiliary valve will be moved when steam is admitted to the steam chest.

1,577,915. PUMP AND MOTOR MOUNTING. EDWARD C. LEIMAN, Nutley, N. J., assignor to Leiman Bros., New York, N. Y., a Copartnership composed of William H. Leiman, George W. Leiman, Gustave A. Leiman, Edward C. Leiman, and John Leiman. Filed Feb. 24, 1923. Serial No. 620,885. 4 Claims. (Cl. 230—30.)

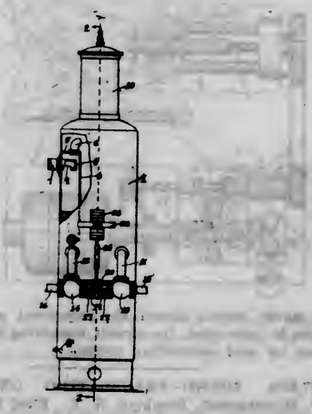


1. A pump and motor mounting having a base for the motor, an oil reservoir adjacent said base and provided with walls extending upwardly above the base, a cover removably secured to said walls, a pump mounted on the cover and provided with means connected with the reservoir through the cover for applying pressure thereto, and an oil supplying means connecting the reservoir and pump through the cover.

1,577,916. INSECTICIDES STICKER MIXTURE. SAMUEL LOMANITZ, Houston, Tex. Filed Dec. 27, 1924. Serial No. 758,206. 4 Claims. (Cl. 167—6.)

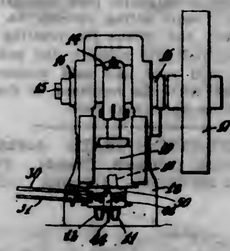
1. A sticker mixture for insecticides and fungicides formed by a homogeneous fused mass of soap and sulphur.

1,577,917. METHOD AND APPARATUS FOR SEPARATING GAS AND OIL. DAVID G. LORRAINE, Los Angeles, Calif. Filed Sept. 11, 1923. Serial No. 662,072. 15 Claims. (Cl. 183—2.7.)



1. The method of separation which consists of trapping a volume of a flow, permitting the lighter constituents to rise therefrom, causing rotary agitation of said separated lighter constituents, and controlling discharge of said separated lighter constituents proportional to the volume of said flow.

1,577,918. TWIN LABEL CUTTER. FRANK LUISA and JAMES DI MATTEO, New York, N. Y. Filed Mar. 30, 1925. Serial No. 19,233. 5 Claims. (Cl. 164—29.)

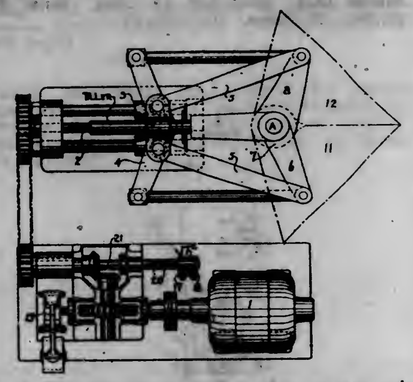


1. Label cutting and punching machine, comprising a grooved body, a pair of hollow cutting dies, shoes for said dies adjustable in the grooves of said body, means for delivering the cut labels, and a means for removing the waste paper after each operation of the cutting dies.

1,577,919. POWER-OPERATING MEANS FOR RUDDERS. ALEXANDER MCNAB, Bridgeport, Conn. Filed May 9, 1924. Serial No. 712,075. 9 Claims. (Cl. 114—145.)

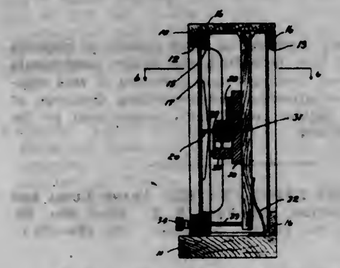
3. In ship or boat maneuvering gear of the kind described, rudder blades movable toward or from each other,

an electric motor, means for controlling the circuit of said motor and an overload switch acting to interrupt



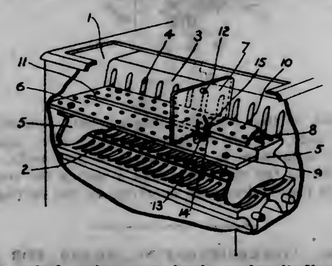
the motor circuit should the movement of said rudder blades be prevented, the circuit remaining open till again closed by said controlling means.

1,577,920. SOUND-TRANSLATING DEVICE. FRITZ P. MANSBENDEL, Brooklyn, N. Y. Filed Sept. 30, 1922. Serial No. 591,443. 21 Claims. (Cl. 179—108.)



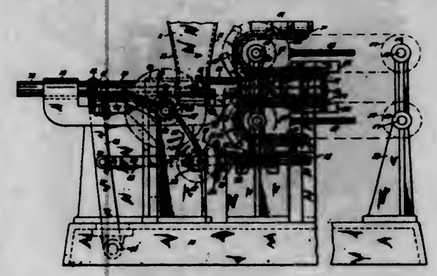
1. In an acoustic apparatus, the combination of a sounding member, a magnetic reed associated therewith, electro-magnetic means acting directly on said reed to vibrate the same, and means for creating a strain between said reed and said member, the point of engagement between said reed and said member being substantially in line with the resultant of the electro-magnetic forces acting upon said reed.

1,577,921. FUEL-SAVING GRATE. ALFRED MANSFIELD, Victoria, British Columbia, Canada. Filed Apr. 10, 1925. Serial No. 22,166. 3 Claims. (Cl. 126—145.)



1. In a fuel saving grate having a longitudinally slotted grate member, a pair of supports and a dividing plate, said plate having a downwardly extending pin adapted to extend into the slot of the grate to hold the plate against transverse movement.

1,577,922. PROCESS OF AND APPARATUS FOR MAKING CORK ARTICLES. MELCHOR MASSA and WILLIAM JACKSON, Brooklyn, N. Y., assignors, by mesne assignments, to New Process Cork Company, Inc., Brooklyn, N. Y., a Corporation of New York. Filed July 19, 1924. Serial No. 727,003. 15 Claims. (Cl. 25—15.)



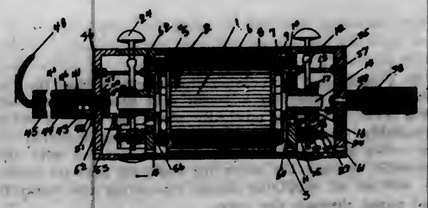
1. In an apparatus for extruding cork, the combination with two sets of mold sections, of means for continuously bringing said two sets of mold sections into abutting mold-forming relation so as to obtain a continuous mold through which the cork is extruded, and a reciprocable plunger for feeding comminuted cork to said mold.

1,577,923. CONCRETE-CONDUIT REINFORCEMENT. ANSON MARSTON, Ames, Iowa, assignor to Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, a Corporation of Iowa. Filed Sept. 12, 1924. Serial No. 737,372. 5 Claims. (Cl. 72—53.)



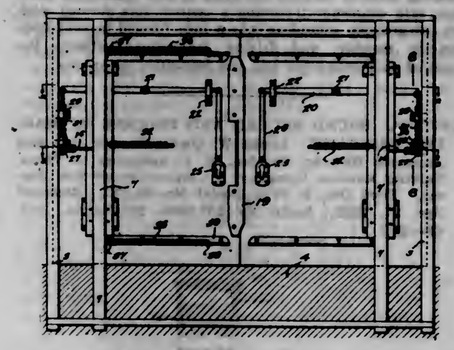
5. A reenforcement device for concrete structures comprising a body portion and a series of jaws extended approximately at right angles thereto and rigidly secured to the body portion, the outer ends of said jaws being inclined away from the body portions of the jaws, for the purposes stated.

1,577,924. MASSAGE VIBRATOR. JOHN H. MATCHETT and FRANK A. NEFF, Oakland, Calif. Filed June 25, 1925. Serial No. 39,446. 10 Claims. (Cl. 128—52.)



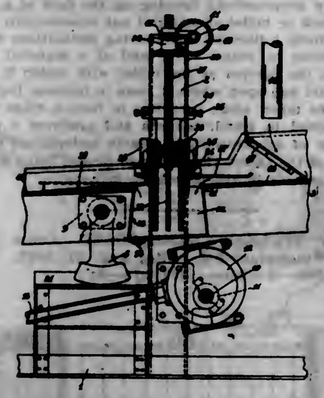
4. A massage vibrator comprising in combination an electric motor, a cylindrical casing fixedly secured to the end thereof, an eccentric fixed to the shaft of the electric motor, a spider fitted on said eccentric and having a series of radial arms extending through slots in the casing, massage buttons secured to the ends of the arms and electric leads to and from the motor.

1,577,925. DOOR CONSTRUCTION. RICHARD MOONEY, Henryetta, Okla. Filed Nov. 15, 1924. Serial No. 750,209. 5 Claims. (Cl. 292—167.)



1. A device of the character described comprising a door frame, a door pivoted at a point spaced from one edge thereof to said frame, the opposite edge of said door being adapted to swing toward and away from said frame, a lever pivoted intermediate its ends to said door, one end of said lever being arranged adjacent the first named edge of said door, a latch arranged adjacent the first named edge of said door and connected to the adjacent end of said lever to be operated thereby, and a latch plate carried by said frame, said plate being provided with an opening to receive said latch.

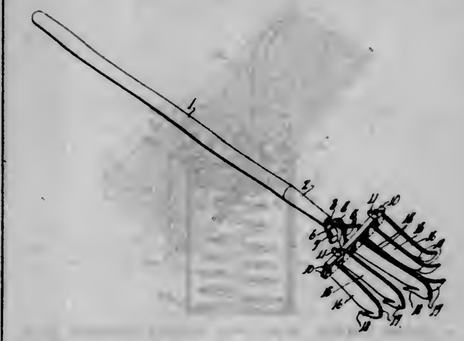
1,577,926. CONCENTRATOR OR SLUICE BOX. FRANK S. MORGAN, Berkeley, Calif. Filed Jan. 17, 1923. Serial No. 613,138. 10 Claims. (Cl. 209—440.)



1. A concentrator or sluice box comprising a trough, substantially deep depressions in said trough, and a movable cover over each of said depressions and extending for a substantial distance over the floor of the trough.

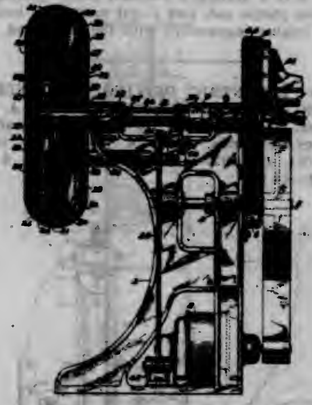
1,577,927. WEEDER. FRANK W. MORSE, San Fernando, Calif. Filed Nov. 27, 1923. Serial No. 677,296. 8 Claims. (Cl. 97—63.)

1. A device of the class described comprising a handle, a blades supporting head adjustably carried by said handle, the said supporting head comprising a pair of opposing U bars each provided with clamping notches, means for forcing the said U bars toward each other



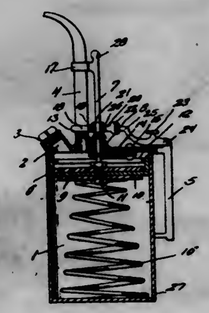
in clamping relation, blades carried by said supporting head including notches for cooperating with the notches of the supporting head.

1,577,928. TIRE-BAND-EXPANDING MACHINE. HARLEY P. MURRAY, Conshohocken, Pa., assignor of one-half to Lee Tire & Rubber Company, Conshohocken, Pa., a Corporation of Pennsylvania. Filed Nov. 19, 1923. Serial No. 675,610. 20 Claims. (Cl. 154—9.)



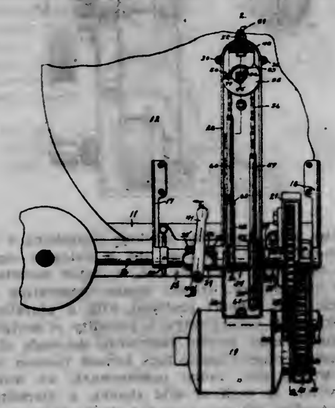
12. A tire band expanding machine comprising a base, a shaft mounted in said base and a guidable support locked to said shaft near one end, a clutch mounted at the other end thereof, driving means cooperating with said clutch, said support provided with a plurality of radially extending passageways, a plurality of peripheral shoes having shanks formed therewith, the ends of the shanks having integral guide lugs formed thereon to fit slidingly within said radial passageways, an internal threaded collar in each of said shanks, a plurality of radially extending external threaded shafts fitting respectively within the collar in said shanks, a beveled gear secured to said shaft, each of the threaded shafts having a pinion thereon meshing with said beveled gear, means for disengaging the clutch from the driving mechanism, so that said support and shoes may be manually rotated, and means for limiting the amount of radial travel of the shoes in an outward direction.

1,577,929. FORCE-FEED OIL CAN. GRANT W. OAKES, Ottawa, Kans. Filed Jan. 17, 1925. Serial No. 3,153. 3 Claims. (Cl. 221—47.)



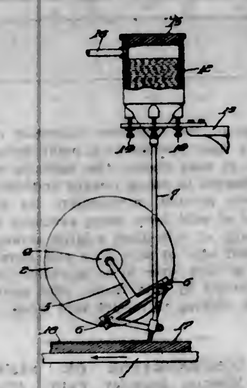
1. A force feed oil can comprising a receptacle having a filling opening in the top thereof, a discharge spout extending upwardly from the top of the receptacle, a piston operable in said receptacle, a piston rod secured at its lower end to said piston and extending upwardly through the top of the receptacle, a coil spring in the receptacle and adapted to force the piston upwardly to discharge the oil from the receptacle outwardly through the spout, means for locking the piston rod against vertical movement, said locking means comprising a catch having one end pivotally supported on the lower portion of the spout, the intermediate portion of said catch being provided with a vertically disposed offset opening for receiving the piston rod, and a coil spring for holding the catch in locking engagement with the piston rod.

1,577,930. ECCENTRIC DRIVING MECHANISM FOR POWER WASHING MACHINES. CARL A. OLSON, Clarinda, Iowa, assignor to Clarinda Manufacturing Company, Clarinda, Iowa, a Corporation of Iowa. Filed Oct. 15, 1923. Serial No. 668,695. 4 Claims. (Cl. 74—14.)



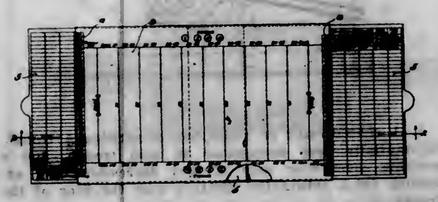
1. A driving mechanism, comprising a support, a driving member journaled on said support and formed with oppositely arranged eccentrics, a housing enclosing said eccentrics and extending at right angles to said driving member, a bifurcated bearing mounted in said housing, a slide bearing member arranged for rotary oscillation in said bifurcated bearing, a follower device mounted for sliding movement in and oscillation with said slide bearing member, a flexible connector embracing said slide bearing member between the arms of said bifurcated bearing, said connector including a central link formed with an integral pin extending into a hole formed in said slide bearing member, and driving connections between the ends of said connector and the respective eccentrics.

1,577,931. SOUND RECORD AND PROCESS OF MAKING THE SAME. JAMES W. OWEN, Secane, Pa., and ALBERTIS HEWITT, Camden, N. J., assignors to Victor Talking Machine Company, a Corporation of New Jersey. Filed Oct. 2, 1915, Serial No. 53,720. Renewed Apr. 21, 1922. Serial No. 557,030. 22 Claims. (Cl. 41—25.)



21. The method of making a record of sound, which consists in progressively forming on the face of a sound record blank or tablet of material not substantially softer than celluloid, a line-like ridge having undulations therein corresponding to sound waves and of a material which acts upon the portion of the tablet with which it comes into contact and upon which it rests to increase the thickness of the tablet along such line to form a ridge which, when allowed to stand, hardens and produces a permanent ridge of substantially the same material as that of the body of the tablet, the patrix so formed being adapted to press records in thermo-plastic material.

1,577,932. FOOTBALL GAME BOARD. LOUIS J. PALEEN, Wilmington, Del. Filed Aug. 21, 1925. Serial No. 51,599. 5 Claims. (Cl. 273—94.)



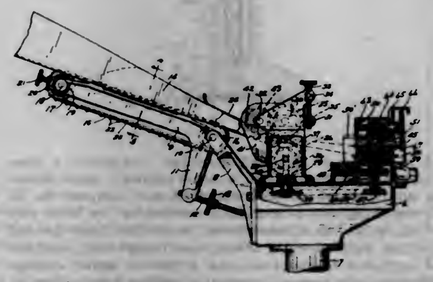
1. A game apparatus comprising a box having a surface thereon representing a field for playing a game between two teams, and end portion of said box being provided with graduations, a chart slidably mounted in one end of said box and having graduations thereon adapted to align with the first mentioned graduations, said chart containing data therein relative to various plays of both teams, and means for selecting a graduation on said box thereby to indicate a particular play for a team on said chart.

1,577,933. HINGE. STUART W. PARSONS, New Britain, Conn., assignor to The Stanley Works, New Britain, Conn., a Corporation of Connecticut. Original application filed Mar. 24, 1922, Serial No. 546,232. Divided and this application filed May 21, 1924. Serial No. 714,848. 2 Claims. (Cl. 16—191.)



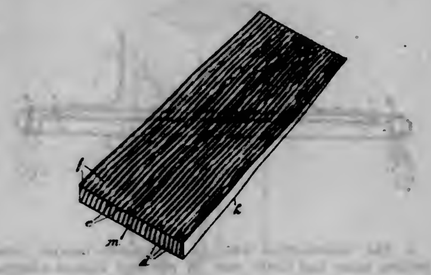
1. A hinge of the character described comprising a pair of leaves constructed of sheet metal, one of said leaves having a knuckle above the plane of this leaf and formed by rolling one end of the leaf onto itself, and a longitudinally extending corrugation merging into the wall of said knuckle adjacent the top thereof; the other of said leaves having an up-turned flange at one end integral therewith, projections constituting knuckles integral with the side edges of said flange and disposed at right angles thereto, and a longitudinally extending corrugation alined with said first corrugation and merging into and rising substantially to the top of said flange.

1,577,934. CANDY-RIBBON-FORMING MACHINE. SIDNEY PEARCE, Minneapolis, Minn., assignor to J. N. Collins Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Nov. 22, 1922. Serial No. 602,589. 7 Claims. (Cl. 107—12.)



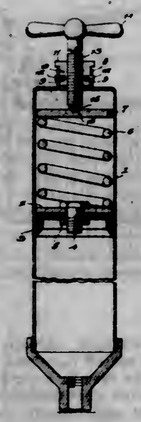
7. In a machine of the kind described, the combination with ribbon-forming rollers, of a trough-like hopper for delivering plastic material to said rollers, said hopper being mounted on a horizontal pivot for vertical angular adjustments, a feed belt working through the bottom of said hopper and constituting a part of said bottom, driving and guiding wheels for said belt, one of which is journaled coincident with the axis of said hopper pivot, and a belt drive connecting one of said ribbon-forming rollers to said belt-driving wheel, and serving to drive said belt while permitting angular adjustments of said hopper.

1,577,935. SPLIT WOOD SHINGLE. JOHN C. RUNKLE, Cambridge, Mass. Filed Jan. 4, 1926. Serial No. 79,060. 3 Claims. (Cl. 108—8.)



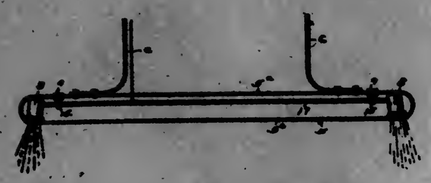
1. A uniformly-tapered split wood shingle having a smooth and plane bottom face and an upper face which presents a split or rough appearance throughout its entire extent.

1,577,936. AUTOMATIC LUBRICANT-SUPPLY MAGAZINE. BERNARD H. SKELLY, Bridgeport, Conn., assignor to Bowen Products Corporation, Auburn, N. Y., a Corporation of New York. Filed Oct. 15, 1921. Serial No. 507,967. 3 Claims. (Cl. 221—47.3.)



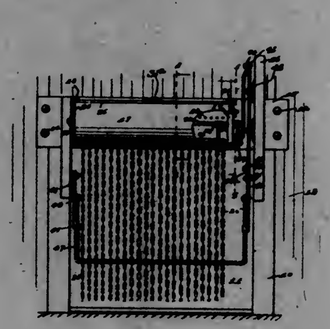
3. An oil-gun comprising a cylinder having a piston movable therein, a spring for moving the piston, a compression follower disk seated on the rear end of the spring, an operating screw having its lower end normally positioned within the cylinder and adapted to be in connection with but unconnected to said disk and capable of being driven toward the latter or withdrawn therefrom to effect or relax the tension on the spring, and a nut having a bayonet lock connection with said cylinder, and mounted on said screw whereby the screw is removable from the cylinder either independent of or in conjunction with said nut, and the bayonet lock is normally maintained by the pressure of the spring against the follower disk and the operating screw.

1,577,867. ILLUMINATED SAFETY BUMPER FOR AUTOMOBILES. EUGENE SLUSSER, Santa Rosa, Calif. Filed Feb. 1, 1924, Serial No. 689,906. Renewed Feb. 18, 1926. 2 Claims. (Cl. 240—7.)



1. The combination with an automobile bumper comprising inner and outer runs, of two-part clamps adapted to embrace the inner run, screws for drawing the two parts of the clamp together that portion of the two-part clamp lying inwardly of the inner run having an inwardly projected ear and a pivoted jaw, means for binding said pivoted jaw to the ear, a hollow rod supported horizontally by said clamps and electric lamps carried by said hollow rod and located adjacent the ends of the bumper, the wires of said lamp passing through said horizontal rod.

1,577,938. ANIMAL OILER. CHARLES R. STANTON, Stuart, Iowa. Filed May 22, 1923. Serial No. 640,635. 6 Claims. (Cl. 119—157.)



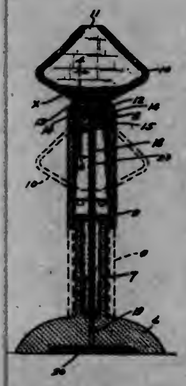
4. A horizontally arranged support, a tank parallel with said support and spaced therefrom a slight distance, means for mounting the tank in a rigid position relative to said support, a grooved block designed to act as a filler between said tank and said support, the groove of said block being provided with a series of vertical openings, means for supporting a chain to hang through each of said openings, said tank being provided with a series of openings slightly above the said grooved block, a shaft extending longitudinally through said tank provided with radial arms, a bar for connecting the free ends of said radial arms, said bar being provided with a flexible member designed to engage the inner face of the tank in such a manner that as the shaft is rotated the flexible member will be moved upwardly along the side of the container and carry oil to the said openings, means for mounting the said support in an elevated position so animals may pass beneath it, a lever mechanism actuated by the animals as they pass beneath said support for actuating said shaft, the last said mechanism being provided with means for adjusting it for animals of different sizes.

1,577,939. PADLOCK. HAROLD L. TUNISON, Stamford, Conn., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Filed June 23, 1924. Serial No. 721,783. 3 Claims. (Cl. 70—108.)



1. In a padlock, the combination with a casing and a shackle, the latter having heel and toe portions, of a key controlled transversely disposed bolt cooperative with the heel portions of the shackle, a diagonal disposed sliding bolt cooperative with the toe portion of the shackle, both of said bolts normally engaging the shackle simultaneously, and means operatively connecting said bolts.

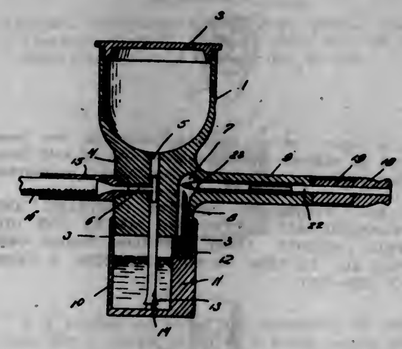
1,577,940. HOLDER FOR MATCHES, TOOTHPICKS, STRAWS, AND THE LIKE. NORMAN R. WALKER, Austin, Minn. Filed Nov. 21, 1924. Serial No. 751,261. 2 Claims. (Cl. 206—23.)



1. A holder of the kind described comprising a base having a hollow standard, a head having a skirt forming an extension of said standard and adapted to be telescoped thereon, a receptacle carried by the head and having in its top a passageway, an ejector blade having a pair of legs extending through said skirt and standard and anchored to the base, and a pair of coiled springs encircling said legs and normally holding the receptacle raised, said ejector blade being arranged to move through the receptacle and its passageway when the receptacle is depressed against the tension of said springs, said hollow standard and skirt forming a constantly closed compartment for the legs and springs.

1,577,941. SMOKING PIPE. WILLIAM WALKER, Sawtelle, Calif., assignor of one-half to Edgar W. Koch, Santa Monica, Calif. Filed May 23, 1925. Serial No. 32,372. 2 Claims. (Cl. 131—12.)

2. A smoking pipe comprising a bowl having a depending body on its bottom, a fluid receiving cup detachably connected with the bottom of said body, a smoke conducting tube leading from said bowl through said body and into said cup, said cup being provided with an internal shoulder, said body having a smoke discharge passage



and means supported on said shoulder adapted to be moved over the intake end of said discharge passage for closing the latter.

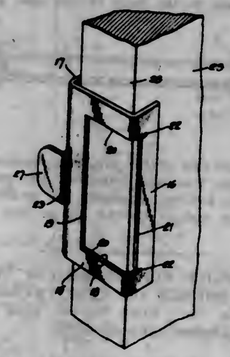
1,577,942. SHORE. OSCAR L. WALLACE, Pittsburgh, Pa. Filed May 19, 1923. Serial No. 640,252. 1 Claim. (Cl. 248—2.)



In a shore, an upright, a post slidably mounted on the upright, means at the upper end of the upright for preventing outward movement of the post away from the upright, a block extending across the rearward face of the upright and provided with an inwardly projecting stud, the upright having a vertical series of openings for reception of said stud whereby the block is adjustably mounted on said upright and positively secured in adjustment thereon, the lower end portion of the post being beveled downwardly and inwardly of the upright, a keeper pivoted to the ends of the block and extending across and in front of the beveled portion of the post, and a wedge driven between the bight portion of the keeper and the beveled portion of the post and coacting with the keeper for effecting upward adjustment of the post and for securing the post in adjustment.

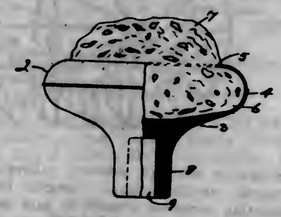
1,577,943. BUTTING GAUGE. CLARK E. WOODLEY, Los Angeles, Calif. Filed Dec. 20, 1923. Serial No. 681,877. 8 Claims. (Cl. 33—197.)

1. A butting gauge comprising a member, U-shaped in cross section and provided with an opening, and a wedge movable through the member and cooperating with the member for securing the latter to the edge of a



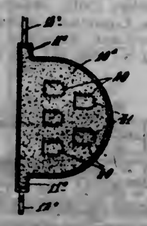
door, said wedge being permanently attached to the member.

1,577,944. BLACKBOARD WASHER. ALBERT P. BENNINGTON, Philadelphia, Pa. Filed May 2, 1925. Serial No. 27,346. 2 Claims. (Cl. 15—244.)



1. As an article of manufacture, a sponge-holder of rubber including a back wall, side walls thinner than said back wall and having their free ends converging to produce a restricted mouth and with the back wall forming a chamber to receive a portion of a sponge, and a hand-hold projecting from said back wall.

1,577,945. CAP TOWEL. ELLA BLUMENTHAL, New York, N. Y. Filed Apr. 10, 1924. Serial No. 705,500. 1 Claim. (Cl. 2—174.)



A head cloth for hairdressing use comprising a body of approximately semicircular shape, and strings attached to said body at the sides thereof adjacent the ends of the straight edge thereof, said body being formed with a number of openings, and flaps attached to the underside of the body and covering said openings.

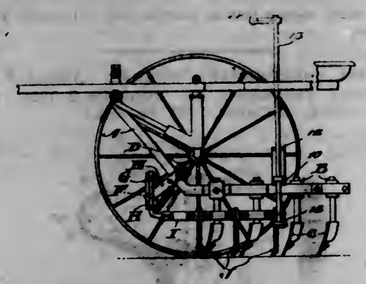
1,577,946. NUT LOCK. ISAAC CHAP BOUTWELL, Grady, Ala. Filed Jan. 27, 1925. Serial No. 5,167. 2 Claims. (Cl. 151—2.)

1. A nut lock comprising an elongated cylindrical member, a bolt extending through said cylindrical member, a head carried by said bolt and engaging one end of the

cylindrical member, oppositely disposed fingers carried by one end of the cylindrical member and extending through apertures in the head of the bolt, a flange carried by the other end of the cylindrical member, a washer disposed on the bolt and engaging the flange, a nut threaded on the bolt and engaging the washer and interengaging means carried by the flange, the washer and the nut.

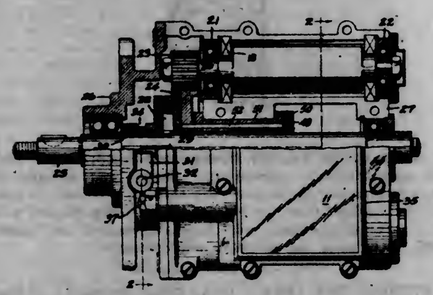


1,577,947. DEVICE FOR OPERATING THE PLANT-HOEING MEMBERS OF CULTIVATORS. ROY H. BURKEY, Gap, Pa. Filed Oct. 3, 1924. Serial No. 741,359. 4 Claims. (Cl. 97—160.)



1. In combination with an ordinary cultivator including main beams carrying ground engaging implements, a rigid supporting structure secured to said beams, auxiliary beams pivoted at their forward ends upon said main beams and located therebetween, ground engaging implements carried by the auxiliary beams, and a rock shaft journaled through said rigid supporting structure and operatively connected with said auxiliary beams to move the latter and bring the implements thereon substantially into engagement for cultivating between the plants in a row.

1,577,948. DYNAMO-ELECTRIC MACHINE. JOHN B. BUSHNELL, Berkeley, Calif., assignor to N. R. Harris and M. C. Harris, Copartners, doing business as Harris Electric Company, San Francisco, Calif. Filed Feb. 27, 1922. Serial No. 539,387. 5 Claims. (Cl. 171—252.)



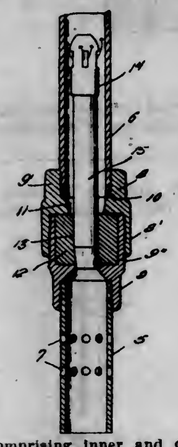
1. In an inductor alternator, a pair of magnets having their unlike poles arranged opposite each other, means forming poles near the extremities of the magnets so as to form two gaps in series, a magnetic rotor in each gap, and windings associated with the magnetic structure.

1,577,949. PAPER CLIP OR FASTENER. HENRY M. BUTLER, Schenectady, N. Y., assignor of one-half to Dudley M. Diggs, Schenectady, N. Y. Filed Apr. 26, 1924. Serial No. 709,311. 5 Claims. (Cl. 24—261.)



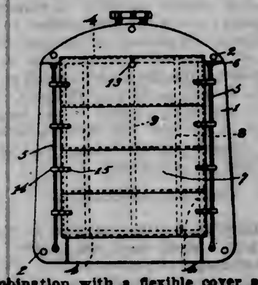
2. A paper clip or fastener comprising two loops located in adjacent parallel planes, one of said loops having within its confines means forming a monogram.

1,577,950. COMBINED SECTION COUPLING AND STANDING-VALVE-ATTACHING MEANS FOR OIL-WELL CASINGS. JESSIE J. BUTLER, Hominy, Okla. Filed Apr. 22, 1924. Serial No. 708,226. 1 Claim. (Cl. 285—22.)



A coupling comprising inner and outer socket members having screw thread engagement with each other, a block of resilient material located in the socket of the inner member and clamped therein by an inner wall surface of the outer member, a pipe passing through the block and fixed at one end in an inner wall of the inner member, the outer member having an opening through which the said pipe passes and the surface of the pipe being spaced from the surface of the said opening.

1,577,951. RADIATOR PROTECTOR. MILTON D. CAMPBELL, Cincinnati, Ohio, assignor to The Perkins-Campbell Company, Cincinnati, Ohio, a Corporation of Ohio. Filed May 15, 1924. Serial No. 713,613. 2 Claims. (Cl. 257—182.)



1. In combination with a flexible cover secured over a radiator front, and having an opening to expose the radiator core, rigid members extending lengthwise of the core and secured along the sides of the said opening, and a curtain having panels, straps connecting the tops of the panels to each other, and sliders on the panels engaging the rigid members, and means for holding the panels in relation extended over the opening in the cover.

1,577,952. TURNING AND BORING TOOL. WILLIAM CARNEGIE, Sheffield, England. Filed May. 25, 1925. Serial No. 32,777. 5 Claims. (Cl. 29—100.)



1. A turning and boring tool comprising the combination with a conical cutter of a holder having parallel clamping surfaces adapted to be secured in the usual slide rest or tool carrier, the holder being formed with a conical recess corresponding in taper and smaller diameter to the cutter but having a gap in its side wall near the end of the holder for a distance less than half the circumference through which the cutter projects for its full height, substantially as and for the purpose specified.

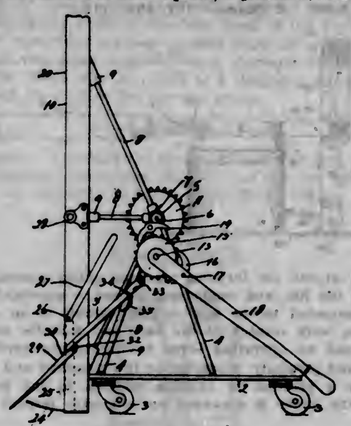
1,577,953. COCONUT SPLITTER. ROBERT JOSEPH CARTER, Apia, Western Samoa. Filed Apr. 4, 1925. Serial No. 21,420. 1 Claim. (Cl. 146—10.)



Apparatus for splitting coconuts consisting of a javelin-shaped knife or splitter and a block or receiver with a cup-shaped hollow to hold the coconut and having slots for the passage of the blades of the knife substantially as described and shown on the annexed drawings.

1,577,954. HAND TRUCK. JOSEPH CHVOJKA, Philadelphia, Pa. Filed May 23, 1925. Serial No. 32,296. 5 Claims. (Cl. 254—8.)

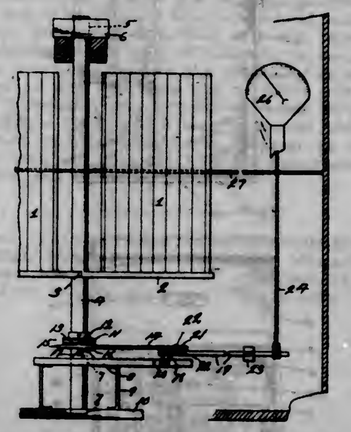
1. A hand truck including a wheel supported body, frame members on said body, bearings at the upper ends of said frame members, a shaft journalled in said bearings, a countershaft also journalled in bearings on said frame members, a gear on the first mentioned shaft, a pinion on the countershaft meshing with said gear, a ratchet wheel on the countershaft, an operating handle journalled on the countershaft, a two pointed pawl pivoted to said handle and cooperating with the ratchet wheel whereby the parts may be actuated to transmit motion to the first mentioned shaft, means to prevent retrograde movement of the parts, a platform, and means to support said platform from said first mentioned shaft so as to move with the latter.



1,577,955. HAIR FELT AND METHOD OF MAKING. ALBERT L. CLAFF, Danvers, Mass., assignor to Beckwith Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Filed Sept. 12, 1923. Serial No. 662,222. 10 Claims. (Cl. 92—21.)

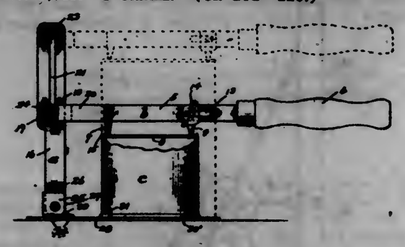
1. A felt comprising hair and a leather solution precipitated thereon.

1,577,956. COTTON-BALE-WEIGHING DEVICE. BUSH H. CRAWFORD and GEORGE MOBBS, Little Rock, Ark. Filed July 2, 1925. Serial No. 41,091. 1 Claim. (Cl. 265—27.)



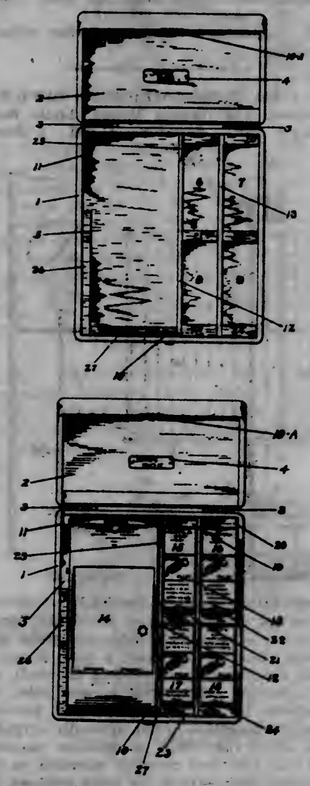
The combination with a vertically movable cotton baling press supporting shaft, of a weighing device, said weighing device comprising a balancing beam, said beam being formed from two sections, a yoke carried by one of the beam sections and surrounding the shaft, upwardly extending balancing lugs carried by said yoke, a flanged member carried by the press shaft and provided with recesses for the reception of the upwardly extending lugs, a base in which the shaft is slidably mounted, lugs carried by the yoke and rockably mounted on the base, rockable connections between the beam sections, the outer beam sections being pivotally connected to the base, a counterweight on said last named beam section, a weight indicating device and connections between the last named beam section and the weight indicating device.

1,577,957. CAN-PERFORATING DEVICE. DANIEL P. DALMAS, Vallejo, Calif. Filed Feb. 16, 1925. Serial No. 9,569. 3 Claims. (Cl. 164—119.)



1. A utensil for forming vent and outlet openings in a can or the like and comprising a base, a standard pivotally connected to the base and adjustable to an upright position with respect to the base and foldable over the base, and an operating lever having spaced perforating teeth and pivotally connected to the standard and adjustable to a position in angular relation to the standard when the latter is arranged upright with respect to the base.

1,577,958. CAMERA AND FILM KIT. HORACE W. DAVIS, Cedarhurst, N. Y., assignor, by mesne assignments, to Ansco Photoproducts, Inc., New York, N. Y., a Corporation of New York. Filed Sept. 28, 1922. Serial No. 591,140. 1 Claim. (Cl. 206—1.)



In an article of manufacture, a receptacle of the character described, a partition in said receptacle forming a camera compartment therein provided with spacing blocks; the upper edge of said partition being partially beveled, a second partition parallel to said first mentioned partition, blocks between said partitions forming film compartments, and a hinged cover for said receptacle.

1,577,959. GAME APPARATUS. TIMOTHY J. DUNNE, New York, N. Y. Filed May 21, 1923. Serial No. 640,301. 5 Claims. (Cl. 273—103.)



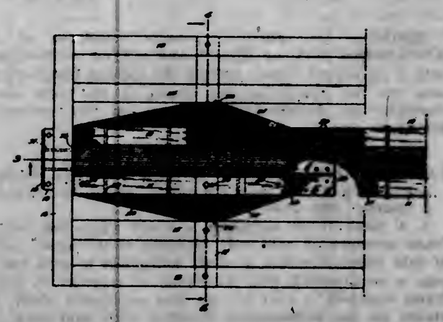
1. In a game apparatus, a frame, a ball receiving device thereon, a ball chute comprising a bottom member hinged to the frame and a side member hinged to said bottom member, and a net located under the said ball receiving device and hinged at one side to the said side member of the chute.

1,577,960. VENEER JOINER. CHARLES A. FORSBERG, Rockford, Ill.; Truman Johnson administrator of said Charles A. Forsberg, deceased, said Johnson assignor to Merritt Sales & Engineering Company, Inc., Lockport, N. Y., a Corporation of New York. Filed Nov. 27, 1922. Serial No. 603,400. 3 Claims. (Cl. 144—114.)



1. In a veneer joiner, the combination of a bed, a table reciprocable thereon, means for holding a stack of veneer on the table, means for finishing one edge of the veneer, a gage guide for aligning the veneer with respect to said cutting means and for limiting the depth of cut, a lever connected with said gage guide for adjusting the same to vary the depth of cut, a rod connected with said lever and extending forwardly through said bed, and a hand-operable member at the front of the bed connected with said rod for moving the same axially for making said adjustment.

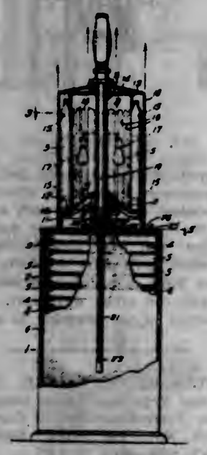
1,577,961. COMBINED DRAFT ARM AND CENTER SILL REENFORCEMENT. JOHN P. GALLAGHER, Jersey City, N. J., assignor to Magor Car Corporation, New York, N. Y., a Corporation of Delaware. Filed Oct. 18, 1922. Serial No. 595,461. 25 Claims. (Cl. 105—420.)



1. In a car underframe, the combination with an end sill, a bolster and a pair of center sills to be reenforced, of a pressing extending from the end sill past the bolster,

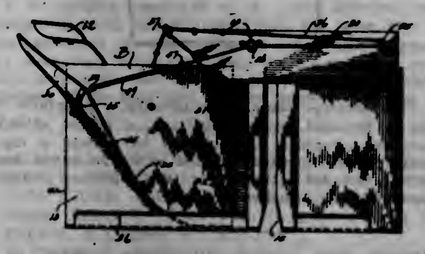
a part of said pressing fitted between the center sills to form a thrust beam reenforcing the same, said pressing including on each side outwardly extending flanges integral with the beam and overlapping the bolster, the parts of said flanges between the bolster and center sills constituting gusset plates and the parts of the pressing between the end sill and bolster constituting diagonal strain braces.

1,577,962. LOCKER AND DISPLAY RACK FOR OIL IN SEALED CONTAINERS. FREDERICK D. GATCHELL, New York, N. Y. Filed May 2, 1925. Serial No. 27,568. 4 Claims. (Cl. 211—7.)



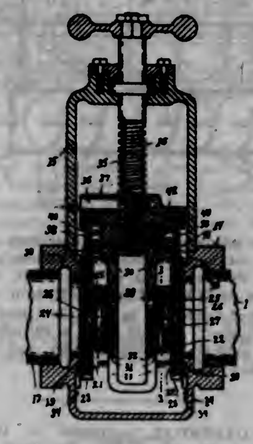
4. A display stand comprising a compartment forming base, a hollow post rising therefrom, a display rack revolubly mounted on the hollow post above the base, means on the display rack to support an annular row of containers, a cover for the display rack, a rod depending from the cover and sliding in the hollow post, a locking plate movable on the base, and kerfs formed in the rod to cooperate with the locking plate to thereby hold the cover in a position to enclose or in a position to expose the containers on the display rack.

1,577,963. ADJUSTABLE STRAW GUIDE FOR BINDERS. PAUL GERLACH, Saskatoon, Saskatchewan, Canada; Agnes M. Gerlach executrix of said Paul Gerlach, deceased. Filed Dec. 21, 1923. Serial No. 682,035. 5 Claims. (Cl. 56—466.)



1. In a straw gulding attachment the combination with a binder including a deck, deck hood, and packer mechanism, of a sheet of flexible material with an inherent tendency to assume a flat relation, means securing said sheet of material to the binder deck adjacent the packer mechanism thereof so that the rear portion thereof is free to be rolled over the deck, a flexible cable, means connecting the cable to the deck hood of the binder, and means connecting an end of said cable to a lower portion of the sheet whereby upon drawing of the cable taut the sheet may be rolled in a diagonal manner over the deck as a guide for flowing grain.

1,577,964. AUTOMATIC REGRINDING VALVE. ISRAEL B. GILBERT, Cincinnati, Ohio. Filed Oct. 19, 1922. Serial No. 595,523. 9 Claims. (Cl. 251—71.)



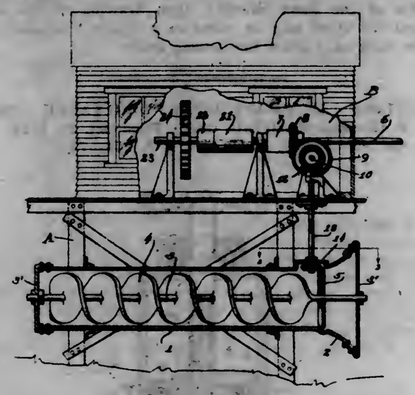
9. A valve comprising a valve casing having a valve seat, a valve stem, a valve disk rotatably mounted relative to said valve stem and adjustable through said valve stem into and out of engagement with said valve seat, and a driving member mounted upon and having splined relation with said valve stem and yieldingly held in driving relation with said valve disk to rotate said valve disk in frictional contact with said valve seat, when said valve disk is being applied to and removed from said valve seat, and to automatically disengage its driving relation with said valve disk when the closing strain on said valve disk approaches a maximum.

1,577,965. VALVE-OPERATING MECHANISM FOR INTERNAL-COMBUSTION ENGINES. WILLIAM M. GOODWIN, Central Square, N. Y. Filed Sept. 16, 1924. Serial No. 738,019. 7 Claims. (Cl. 123—90.)



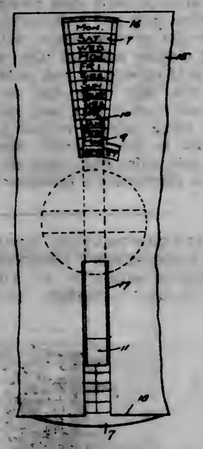
1. The combination with a self-closing poppet valve for internal combustion engines and a rotary cam, of means including a wedge rotatable about an axis parallel with and at one side of the axis of the valve for transmitting motion from the cams to the valve and for taking up lost motion between said cam and valve.

1,577,966. WAVE MOTOR. HENRY HANSEN, Bisbee, Ariz. Filed Jan. 22, 1924. Serial No. 687,743. 4 Claims. (Cl. 185—30.)



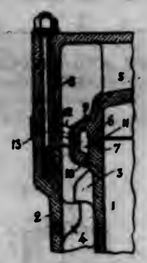
1. A wave motor of the class described comprising a driven shaft, means for actuating the same, a plug loosely mounted on the outer end of said shaft, a coil spring encircling the outer end of said shaft, said spring having one end thereof connected to said shaft and the opposite end being connected to said plug, a cylinder, means for locking said plug within said cylinder, and a gear wheel carried by said cylinder.

1,577,967. CALENDAR. GEORGE F. HAWLEY, San Francisco, Calif. Filed Nov. 14, 1925. Serial No. 69,158. 3 Claims. (Cl. 40—115.)



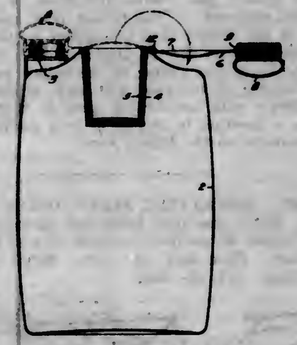
3. A calendar comprising a back, a disk rotatably mounted on said back, said disk having marked thereon the numerals from 1 to 31 inclusive, said numerals being circularly arranged and concentric with the circles in which the days of the week are arranged, an indicator movable longitudinally across said disk, said indicator having marked thereon the months of the year, a cover over said disk secured to said back, and a cover over said disk, said cover having an opening therein to expose to view a radial section of said disk bearing the days of the week and a part of said indicator bearing the months of the year, said cover also having an opening giving access to the lower part of said indicator so that the latter may be manually moved.

1,577,968. JOINT BETWEEN WALLS SEPARATING TWO GASEOUS OR LIQUID FLUIDS UNDER PRESSURE. TORKILD VALDEMAR HEMMINGSEN, Copenhagen, Denmark. Filed Oct. 19, 1925. Serial No. 63,566. 2 Claims. (Cl. 285—22.)



1. An improved joint for walls for separating two fluids under pressure from each other and from atmosphere comprising, a two part wall, a first connection joint between the two parts of the wall, a flange projecting from one wall part and having its free edge adjacent the other wall part to form a chamber enclosing the first joint, a packing between the free edge of the flange and the other wall part, and means connecting the interior of the chamber to atmosphere.

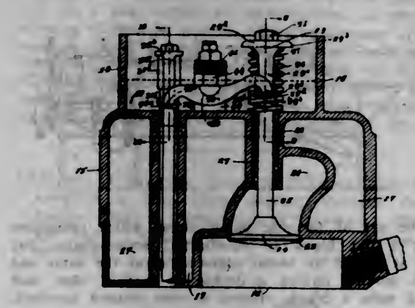
1,577,969. BEVERAGE CONTAINER. JOSEPH C. HICKINGBOTHAM, San Francisco, Calif., assignor to Shreve & Company, San Francisco, Calif., a Corporation of California. Filed Nov. 19, 1924. Serial No. 750,754. 6 Claims. (Cl. 220—20.)



1. A beverage container comprising a receptacle having a threaded pouring aperture, a pocket extending into the receptacle and adapted to contain a cup, a pocket closure member attached to the receptacle and a screw threaded stopple for the aperture rotatably mounted in said closure member.

1,577,970. INTERNAL-COMBUSTION ENGINE. HARRY L. HOSTERMAN, Akron, Ohio, assignor to the Akron Motor & Manufacturing Company, Akron, Ohio, a Corporation of Ohio. Filed Jan. 2, 1923. Serial No. 610,128. 11 Claims. (Cl. 123—90.)

3. In an engine having overhead valves, a valve rod projecting upwardly from said engine, a rocker arm saddle secured to the upper end of said rod, said saddle including a top portion having arms leading downwardly from diametrically opposite sides thereof, a



spring mounted around said rods and compressed between said top portion and the engine and a rocker arm seat on the downwardly projecting end of each arm.

1,577,971. PUMPING MECHANISM. IRA B. HUMPHREYS, Denver, Colo. Filed Feb. 24, 1923. Serial No. 620,913. 56 Claims. (Cl. 103—46.)

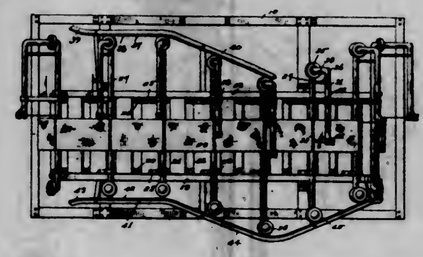


1. A pumping apparatus of the class described comprising an inner and an outer pipe, the inner pipe an inlet pipe and the outer pipe an outlet pipe, a pumping mechanism embraced within the pipes, and a pressure mechanism for constantly supplying fluid under pressure to the inlet pipe, for the purpose described.

1,577,972. PROCESS FOR PRODUCTION OF ORNAMENTS, LETTERING, OR THE LIKE ON ARTIFICIAL STONE. ARNOLD NIELS PETER JACOBS, Copenhagen, Denmark. Filed Feb. 21, 1924. Serial No. 694,439. 3 Claims. (Cl. 41—17.)

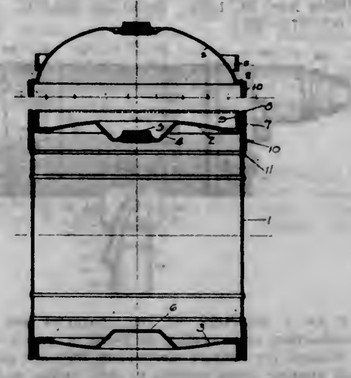
1. Process of ornamenting artificial stone consisting in impregnating the same with an insoluble compound of a heavy metal, coating with gum the surface which is to be ornamented, and simultaneously imprinting in said coated surface the ornamentation and moistening with a solution of sulphuretted hydrogen the surface so imprinted.

1,577,973. TILE CUTTER. GARLAND F. JOHNSTON, Fort Dodge, Iowa, assignor to Johnston Clay Works, Clayworks, Iowa, a Corporation of Iowa. Filed Dec. 29, 1925. Serial No. 78,159. 7 Claims. (Cl. 25—105.)



1. A tile cutter comprising a support, an endless conveyor, a series of transversely arranged cutter bars carried by said conveyor and capable of longitudinal movement, a cutter for each of said bars, and means for imparting a reciprocating movement to said cutter bars as the said conveyor is advanced, substantially as described and for the purposes stated.

1,577,974. TANK. JOHN M. KELLEY, Rochester, N. Y., assignor to Protane Corporation, Erie, Pa. Filed Sept. 5, 1924. Serial No. 736,059. 8 Claims. Cl. 220—67.)

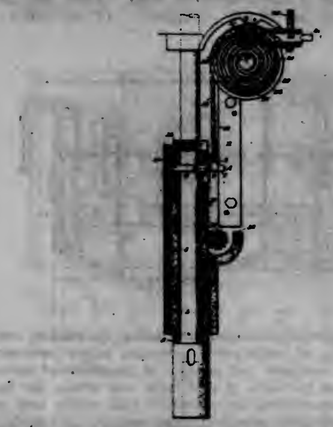


1 In a tank, the combination of a side wall; and an end having an outwardly turned flange at its periphery, said flange connected at its extreme edge with the side wall and lying freely against and disconnected from the inner surface of the side wall back of the edge whereby the end will be retained under pressure in its original shape and under greater pressure will be expanded outwardly to a dome shape rolling the flange outwardly in the ontward expansion movement of the end.

1,577,975. SAFETY SPINDLE COUNTERBALANCE. DAVID C. KLAUSMEYER, Cincinnati, Ohio, assignor to the Cincinnati Bickford Tool Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Apr. 4, 1923. Serial No. 629,852. 3 Claims. (Cl. 77—36.)

1. A drilling-machine combining a vertically-movable spindle; quick-traverse means therefor; a fusee connected to carry the weight of said spindle; a coiled spring

exercising a counter-pull on said fusee; and a safety-latch means for said spindle normally held inoperative



by the connection between the fusee and spindle and adapted automatically to arrest the descent of said spindle in case said counter-pull should cease.

1,577,976. POWER-DRIVEN TOOL-OPERATING DEVICE. JAMES S. KNOWLSON, Oak Park, and ROBERT S. MCKEAGE, Chicago, Ill., assignors to Electro-Magnetic Tool Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 24, 1922. Serial No. 556,176. 10 Claims. (Cl. 172—36.)



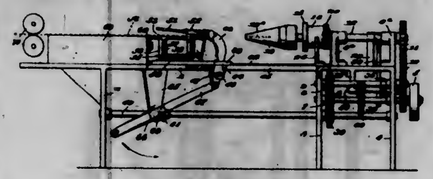
1. In a structure of the character set forth, the combination of a casing to house a power device, and a housing for control mechanism for said power device, said housing being carried by said casing and formed of sheet-metal, portions thereof extending angularly relative to the side-walls thereof and flatwise-opposing said casing and united to said casing.

1,577,977. PADLOCK. CHARLES LEDIN, Stamford, Conn., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Filed June 23, 1924. Serial No. 721,805. 3 Claims. (Cl. 70—108.)



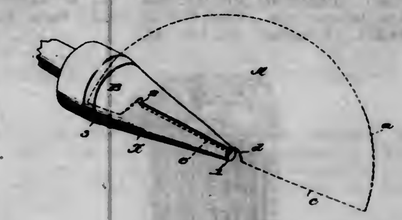
1. The combination with the casing of a padlock, of means to prevent rupture or drilling of said casing to disturb the lock means therein, said first mentioned means consisting of a hardened steel armor on said casing and covering a side thereof, and means securing the edge portion of said armor to an outwardly projecting portion of the casing.

1,577,978. METHOD OF AND APPARATUS FOR MAKING PAPER CONES. PETER LE ROY MCCALL, Rockingham, N. C. Filed Oct. 6, 1925. Serial No. 60,794. 14 Claims. (Cl. 93—79.)



1. The art of forming paper cones which comprises cutting a flat blank to substantial sector-shape, but having at one of its radial edges adjacent the outer end only, a portion having a deckle or feather edge, and winding such a blank around a cone shaped mandrel, with such deckle edge portion inside.

1,577,979. PAPER CONE AND ART OF MAKING SAME. PETER LE ROY MCCALL, Rockingham, N. C. Filed Oct. 17, 1925. Serial No. 63,096. 6 Claims. (Cl. 242—122.)



1. A paper cone having on the inside the usual longitudinal joint extending from the small end toward the large end, but terminating short thereof, the interior surface beyond said joint and adjacent the large end being substantially smooth throughout its circumference, and unbroken by any discernible joint.

1,577,980. GOGGLES. ROBERT MALCOM, Chicago, Ill. Filed Aug. 8, 1921. Serial No. 490,538. 1 Claim. (Cl. 2—14.)

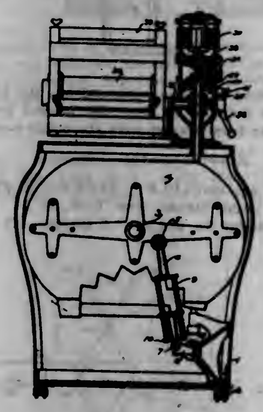


In a pair of goggles, the combination of eye-cups formed of fabric material mounted on flexible resilient frames to hold same in distended position, lens-holding rims, each having a circumferential groove therein adapted to receive the edge of the eye-cups, a lens seated in each groove, the edges of said rims being bent to retain said lenses and eye-cups in frictional engagement, said lens-holding rims having openings in one side thereof, a wire secured at the circular edge of each fabric eye-cup for holding the same in distended position, and thus permitting the circular edges of the eye-cups to be sprung into and removed from the circumferential grooves of the rims, said spring wire in each instance extending through the openings in the rims in the form of a loop upon the outside of each rim, and a flexible nosepiece having the opposite ends thereof connected to the wire loops extended from a pair of said rims.

1,577,981. RESISTANCE ELEMENT. WOLFGANG OTTO, Neumühlen, near Kiel, Germany, assignor to The Nederlandsche Technische Handel Maatschappij "Giro," S'Gravenhage, Netherlands. Filed Feb. 14, 1924. Serial No. 692,880. 17 Claims. (Cl. 201—66.)

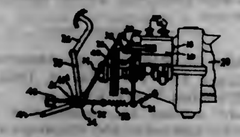
2. As a new article of manufacture, an electric resistance element, a portion of which consists of a mixture of finely divided graphite and at least partially vulcanized rubber in certain proportions and a portion of which consists of a mixture of finely divided graphite and rubber in different proportions, the graphite in at least one of said portions being embedded in the rubber.

1,577,982. GEARING. JOHN W. PEARSON, Dayton, Ohio, assignor to The Davis Sewing Machine Company, Dayton, Ohio, a Corporation of Delaware. Filed Dec. 12, 1921. Serial No. 521,680. 14 Claims. (Cl. 74—14.)



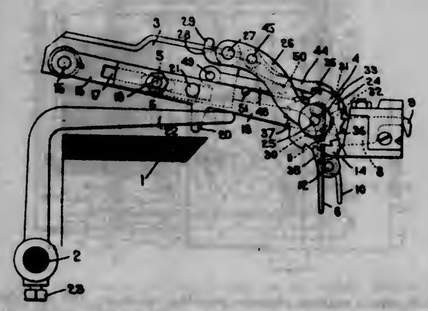
14. Apparatus of the character described comprising, in combination, a driven member, a driving member, means for operating said driving member in opposite directions, means operably connecting said driving and driven members comprising a variable length crank arm and means for varying the effective length of the crank arm while the apparatus is in motion to increase or decrease the movement of the driven member.

1,577,983. BRAKE. HENRY G. RAIRDAN, Larned, Kans. Filed Dec. 5, 1924. Serial No. 754,059. 6 Claims. (Cl. 188—91.)



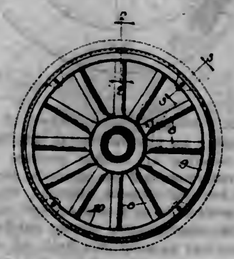
1. The combination with a motor drive shaft, of a brake mechanism comprising a fluid braking device having a valve for controlling the braking power thereof and including a crank shaft, and control means adapted for movement by the operation of the motor for operatively connecting said crank shaft with said drive shaft and means for controlling said valve also operable by said control means.

1,577,984. INTERMITTENT THREAD-CUTTING TEMPLE. ALONZO H. RHOADES, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Jan. 9, 1925. Serial No. 1,499. 8 Claims. (Cl. 139—266.)



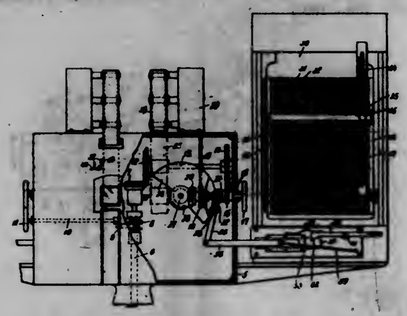
1. In a loom comprising automatic filling replenishing mechanism, a temple stand, a temple having a movable thread parting device operable by or through the movement of the lay, resilient means tending to hold said parting device in operative position, a detent mounted on said temple stand normally positioned to engage said parting device upon the beat-up of the lay and thereafter to retain said parting device in inoperative position, means operable by the changing mechanism of the loom upon call for transfer to release said detent from engagement with said parting device, a timing device bodily movable with said detent having means to engage said detent and withhold it from engagement with said parting device and means operable by or through a predetermined number of movements of the lay following call for transfer to cause said timing device to restore said detent to engagement with said parting device.

1,577,985. DEMOUNTABLE-RIM WHEEL. CHARLES F. RUBSAM, Jackson, Mich., assignor to Rubsam Corporation, Jackson, Mich., a Corporation of Delaware. Filed Apr. 25, 1923. Serial No. 634,422. 10 Claims. (Cl. 301—19.)



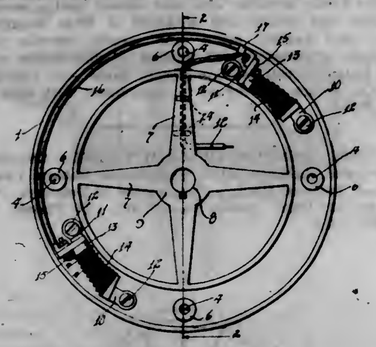
1. In a demountable rim wheel, the combination of a wheel body provided with a fixed channelled metal rim having a base, and integral flanges at the sides of the base respectively, one flange having a flared seat for one side of a demountable tire rim, centering devices adjacent the flange having the flared seat, spaced apart longitudinally on the fixed rim with longitudinal clearances between them, to position the demountable rim around said flange, and devices for clamping the demountable rim on said flange.

1,577,986. MOTION-PICTURE-PRINTING MACHINE. MORRIS SAX, Weehawken, N. J. Filed Apr. 22, 1922. Serial No. 555,943. 10 Claims. (Cl. 95—75.)



1. In a motion picture printing machine, the combination of means for advancing positive and negative film through the machine, illuminating means for exposing the positive film, means for automatically stopping the film-advancing means when the film is exhausted and electrically controlled means progressively advancing as the film passes through the machine to vary the intensity of the illuminating means and to release the stopping means.

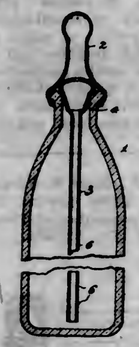
1,577,987. ELECTRICALLY-HEATED STEERING WHEEL. WILLIAM D. SCHWENK, Ferndale, Mich. Filed Sept. 29, 1924. Serial No. 740,613. 1 Claim. (Cl. 219—19.)



An electrically heated steering wheel of the type described comprising an annular metal rim, said rim being hollow, thus forming an endless passage therethrough, a spider for supporting said rim upon the steering column, a replaceable heating element disposed within said hollow rim and secured to each end against movement relative to the rim, whereby the current conducting portion of said element may be positively held out of engagement with the interior side walls of the rim, and means for conducting current to said heating element, whereby said element when in operation may heat the entire space within said rim, and thereby conduct heat through the metal walls of the rim to the hands of the person holding the rim.

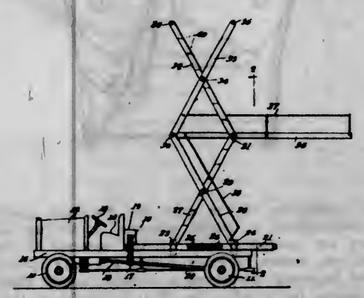
1,577,988. NURSING BOTTLE. LESTER SBJARTO, Linden, N. J. Filed Aug. 18, 1923. Serial No. 658,013. 2 Claims. (Cl. 215—11.)

1. A nursing bottle which comprises a body-portion, a neck, a nipple, and a headed tube freely suspended by said head from the bottle neck, thereby permitting the tube to rock freely in response to the varying movements of the bottle when in an upright position, said tube be-



ing also adapted to move axially within the bottle when the latter is inverted so that the headed portion will then fall away from contact with the bottle neck.

1,577,989. ADJUSTABLE ELEVATING-PLATFORM TRUCK. LOUIS SIBBER, New York, N. Y. Filed Dec. 5, 1923. Serial No. 678,593. 1 Claim. (Cl. 227—17.)

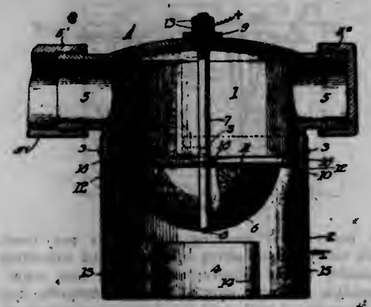


The combination with a motor driven truck having an inclined shaft leading from the motor to the rear axle drive, a platform on said truck, a second platform and lazy-tong elements connecting between said platforms, of a screw mounted longitudinally in the first named platform, means on said screw for actuating said lazy-tong elements, a gear to drive said screw, and a pinion meshing with said gear, said pinion being fixed on said inclined shaft.

1,577,990. AIR CLARIFIER. CHRISTOPHER VAN DEVENTER, Chicago, Ill. Filed Nov. 8, 1922. Serial No. 599,658. 13 Claims. (Cl. 183—7.)

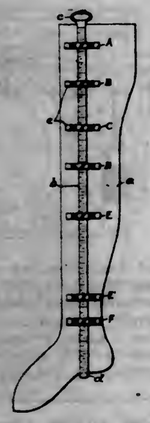
1. In an air clarifier the combination of a casing provided with air admission and discharge openings, said casing comprising a metallic section in the end of which the air admission opening is formed, an electrode supported within said metallic casing section in line with the air admission opening and in spaced relation to the side walls of said metallic casing section, said electrode consisting of a metallic body the surface of which adjacent to the air admission opening is upwardly and outwardly flared, and the means supporting which is constructed and arranged to insulate said electrode from the metallic casing section which surrounds it, said electrode being

designed to be electrically connected to the positive terminal of the ignition or high potential side of a magneto or other electric generator, and the metallic casing section surrounding said electrode being grounded, whereby a



static electric field of high intensity will be produced surrounding said electrode through which the current of air entering said casing, together with particles of dust and dirt entrained thereby will pass.

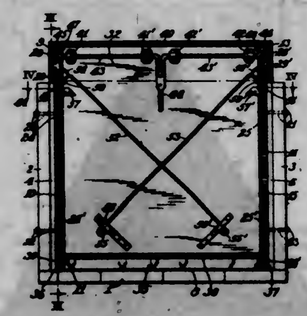
1,577,991. HOSIERY-SIZING DEVICE. MYER L. VICTORIUS, New York, N. Y. Filed Mar. 21, 1924. Serial No. 700,790. 2 Claims. (Cl. 33—169.)



1. A hosiery measuring device comprising a gage bar, an adjustable gaging member slidably engaging and extending laterally from the bar, means for securing the member to the bar at the desired point on the bar and means on the bar for engaging a hosiery support with a stocking thereon to be gaged.

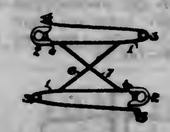
1,577,992. ADJUSTABLE WAGON-BODY END GATE. HENRY E. WARMOTH, Stillesville, Ind., assignor of one-third to John B. Justice, Stillesville, Ind., and one-third to Robert T. Hollowell, Danville, Ind. Filed Aug. 21, 1923. Serial No. 658,628. 2 Claims. (Cl. 296—58.)

2. In an adjustable vehicle body end gate, the combination of two upright posts having each an open-top journal-bearing on the upper portion thereof and a bearing member secured to the lower portion of the post, each bearing member having a slot in the top thereof, an end gate having a hinge bar secured to the lower portion thereof, said bar having journals to be removably supported in said slots respectively, the gate having also side members to co-operate in connection with the posts, a bar secured to the upper portion of the gate and having relatively angular fingers thereon to engage the posts,



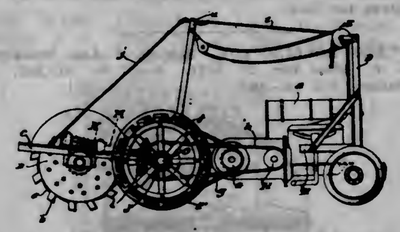
and a shaft rotatively supported on the upper portion of the gate and having two crank arms and also a lever fixed thereto, the crank arms having crank pins to be connected with said journal-bearings respectively.

1,577,993. LINGERIE FASTENER. ELLEN WEINSTEIN, San Francisco, Calif. Filed Sept. 28, 1925. Serial No. 58,961. 2 Claims. (Cl. 24—87.)



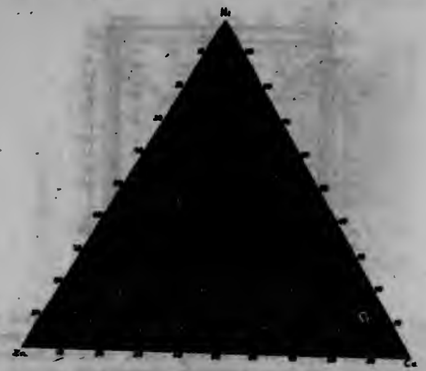
1. A device of the class described comprising a pair of safety pins having their body portions joined together by means of a plurality of crossed members.

1,577,994. TRENCH-DIGGING MACHINE. CLARENCE WEAZ, Wooster, Ohio, assignor to M. M. Herron, Millersburg, Ohio. Filed Apr. 11, 1924. Serial No. 706,084. 2 Claims. (Cl. 37—94.)



1. In a trench digging machine, the combination with the engine, side pulley and drive axle of an ordinary auto-tractor, of a pair of pinions mounted on said axle in lieu of drive wheels, a frame mounted on said axle and extended rearwardly therefrom, a secondary axle and drive wheels mounted thereon carrying said frame, a gear wheel with sleeve mounted to rotate on said secondary axle independently thereof, a vertically adjustable frame hinged to said secondary axle and projecting therefrom, a rotary toothed disk mounted to rotate on said frame in one direction, means in connection with said sleeve gear wheel for rotating said disk, means in connection with said side pulley for actuating said gear wheel on said secondary axle, and means in connection with the pinions on the tractor axle for actuating said drive wheels on said secondary axle, substantially as set forth.

1,577,995. WHITE-GOLD ALLOY. EDMUND MERRIMAN WISE, Dayton, Ky., assignor to The Wadsworth Watch Case Co., Dayton, Ky., a Corporation of Kentucky. Filed Oct. 28, 1925. Serial No. 65,508. 8 Claims. (Cl. 75—1.)



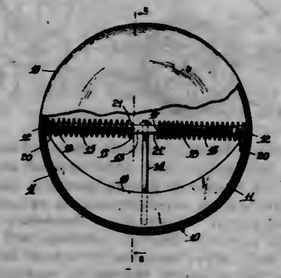
1. A gold alloy containing from 30% to 80% gold and containing nickel, copper and zinc in the relative proportions of 33.0 to 53.1 parts nickel, 26.4 to 46.5 parts copper and 10.6 to 30.7 parts zinc.

1,577,996. METHOD OF PRODUCING PROPELLERS. RALPH WISHON, San Francisco, Calif. Filed Jan. 6, 1921, Serial No. 435,376. Renewed Oct. 17, 1925. 4 Claims. (Cl. 29—148.2.)



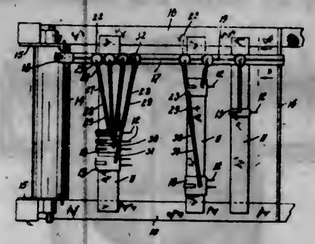
1. The art of producing a propeller blade, which consists in spinning the metal of a tube to close the end thereof at approximately the end of the blade to be formed, varying the perimetrical dimensions of the tube to correspond with those of the blade to be formed, and pressing the resultant work-piece into the shape to be given the blade.

1,577,997. ROLLING TOY. SAMUEL M. ALK, Brooklyn, N. Y. Filed Oct. 25, 1921. Serial No. 510,307. 4 Claims. (Cl. 46—48.)



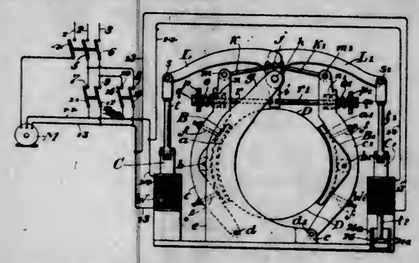
1. In a toy of the character described, the combination with a revolving casing having a loosely disposed axial rod, of oppositely actuated coiled springs carried by the rod, a weighted member connected to said rod and adjustable means mounted in longitudinally disposed slots in said rod and comprising slotted members loosely embracing the coils of the springs, the inner coils of the springs being provided with enlarged tips to prevent further relative movement of the members in one direction.

1,577,998. RULING MACHINE. FRANK ARNOLD, New York, N. Y. Filed June 1, 1925. Serial No. 34,052. 6 Claims. (Cl. 33—34.)



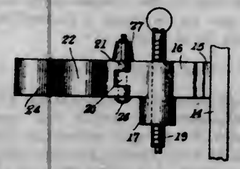
1. A paper-ruling machine including a pen beam, a fountain bar disposed above said beam and extending at right angles to the longitudinal axis of said beam, an ink fountain shiftably carried by said fountain bar, a support associated with said ink fountain, a tubular body fitted into said support inclined toward and leading to said beam, and a fibrous element dipped into the fluid in said fountain and extending into said tubular body.

1,577,999. ELEVATOR BRAKING SYSTEM. WILLARD S. ATKINSON, Ashland, N. J., assignor to Atlantic Elevator Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Oct. 17, 1924. Serial No. 744,109. 23 Claims. (Cl. 188—171.)



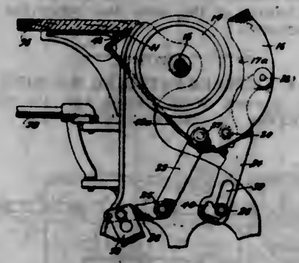
1. The method of controlling the acceleration of elevator mechanism provided with driving mechanism and a plurality of brake mechanisms, which comprises operating one of said brake mechanisms with respect to a brake drum and after a period of time operating another of said brake mechanisms with respect to the same drum to graduate and prolong the acceleration.

1,578,000. WINDOW SHADE AND CURTAIN SUPPORT. MACIEJ BABIARZ, Bayonne, N. J. Filed Apr. 24, 1923. Serial No. 634,207. 1 Claim. (Cl. 156—24.)



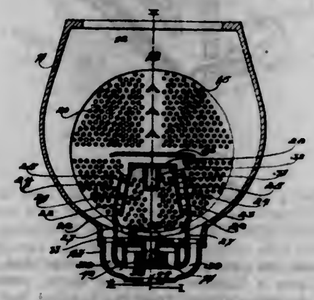
A combined window shade and curtain support bracket comprising a cast metal base having a central horizontal outstanding integral lug and a tenon projecting transversely therefrom, a curtain pole carrying member hingedly engaged with said tenon to swing in a vertical plane, means for clamping said members in adjustment, and a thumb screw adjustable in said lug to directly engage the end of a window shade roller upon its axis.

1,578,001. IRONING MACHINE. THOMAS W. BERAN, Binghamton, N. Y., assignor to The Nineteen Hundred Washer Company, Binghamton, N. Y., a Corporation of New York. Filed Mar. 26, 1921. Serial No. 455,708. 6 Claims. (Cl. 68—9.)



1. In an ironing machine, a frame, a rotor, a shoe, means for imparting to the shoe a translational movement toward and away from the rotor, said means including at each end of the shoe a pair of substantially parallel links pivotally connected to the frame and to the shoe, and means under the control of the operator for disengaging the pivotal connection between one of said links and the frame, thereby permitting pivotal movement of the shoe away from the rotor about the pivotal connection between the shoe and the other of said links.

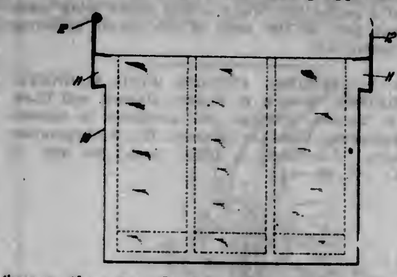
1,578,002. CONDENSER. GEORGE BELL, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 28, 1923, Serial No. 665,426. Renewed Feb. 2, 1926. 3 Claims. (Cl. 257—43.)



1. In a condenser, the combination with a shell having a fluid inlet port, of a nest of air cooling tubes contiguous to the bottom of the condenser, a nest of condensing tubes at the sides of and above said air cooling tubes, partition means defining air passages between said groups of tubes, means for removing condensed fluid from the condensing tubes, and means including a fluid seal for removing condensed fluid from the air cooling tubes.

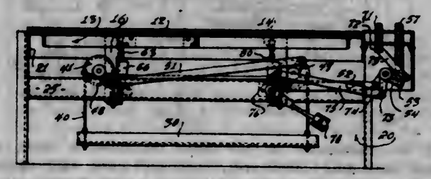
1,578,003. HANDLE FOR BATTERY BOXES. ELLIS H. BRIDGE, Akron, Ohio, assignor, by direct and mesne assignments, to The Electric Storage Battery Company, Philadelphia, Pa., a Corporation of New Jersey. Filed Oct. 7, 1925. Serial No. 60,994. 10 Claims. (Cl. 16—114.)

1. A battery box construction, comprising a box formed with a dovetail rib extending transversely across a wall thereof, and a handle formed with a dovetail channel portion force-fitted onto said rib by a transverse sliding action, said channel portion including upper and lower



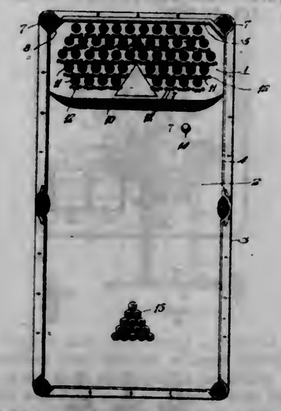
flanges, the upper flanges being of greater width than the lower flange, said handle being constructed to be applied on or removed from the box by a driving blow.

1,578,004. COUNTERWEIGHTED LOWERING FLOOR. THOMAS M. BRINTNALL, Los Angeles, Calif., assignor to The Brintnall Manufacturing Company, a Corporation of Nevada. Filed Oct. 29, 1924. Serial No. 746,583. 4 Claims. (Cl. 109—1.)



1. In combination with a vault having a door, a pit in front of said vault and door, through a part of which said door moves to be opened or closed, a floor arranged to move vertically in said pit, a counter-weight for said floor, means operable from a point immediately adjacent said pit for imparting upward movement to said floor, rigid means arranged to automatically move under said floor as it reaches uppermost position; said means adapted to uphold any normal weight subsequently imposed on said floor, and means operable to release said rigid means from engagement with said floor.

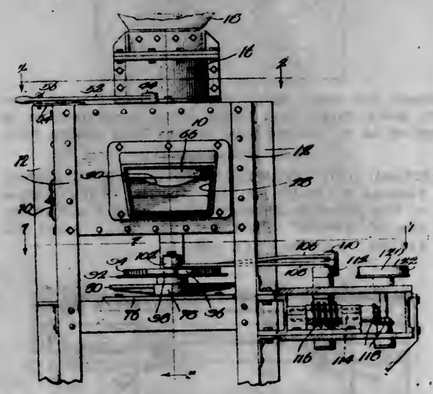
1,578,005. GAME APPARATUS. MAX L. BROOKS, Brooklyn, N. Y. Filed Jan. 25, 1923. Serial No. 614,779. 6 Claims. (Cl. 273—14.)



1. In a game apparatus, a game board having in its surface a plurality of spaced pockets, each having designations in poker terminology of a number of cards used

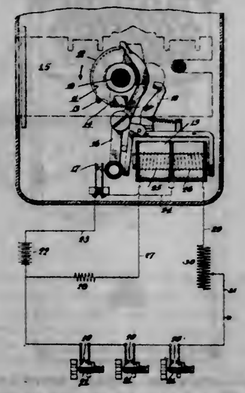
in a poker game, and balls adapted to be operated over the surface of the board into the pockets, the designations of a pocket into which a ball enters being taken as at least part of the hand of the player operating that particular ball.

1,578,006. PULVERIZER FEEDER WITH MAGNETIC SEPARATOR. JOSEPH E. BROWN, Harvey, and CLARENCE R. TAYLOR, Chicago, Ill., assignors to Grindle Fuel Equipment Company, Harvey, Ill., a Corporation of Illinois. Filed Jan. 5, 1925. Serial No. 497. 2 Claims. (Cl. 83—44.)



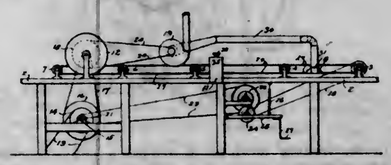
1. In mechanism of the class described, a case, a chute extending downwardly into said case, said chute having a discharge port of limited width in the side thereof, a rotatable plate closing the lower end of said chute, and a deflector of substantially the same length as the width of said part pivoted at one end adjacent to one side of said port and swingable across said plate from a position in which it completely closes said port to other positions in which it varies the effective area of said port and deflects therethrough material deposited in said chute and traveling with said plate on the top thereof.

1,578,007. INTERLOCKING SYSTEM FOR DOOR LOCKS AND THE LIKE. JAMES W. BRYCE, Bloomfield, N. J., assignor to International Time Recording Company of New York, Endicott, N. Y., a Corporation of New York. Filed Aug. 27, 1924. Serial No. 734,385. 9 Claims. (Cl. 70—79.)



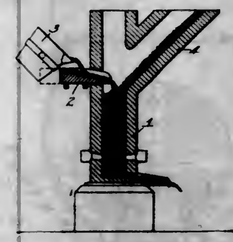
1. In an interlocking door system wherein a main lock is prevented from being locked when one or more supplementary locks are unlocked, in combination with a controlling magnet and an interlocking device controlled thereby adapted to prevent the locking of the main door, controlling circuits therefor including one or more contacts normally open when the supplementary locks are unlocked, a source of current for said circuits, said magnet and interlocking device having provisions for permitting the locking of the main door when the current source is ineffective.

1,578,008. LUMBER-PATCHING MACHINE. JOHN BUFFELEN, Tacoma, Wash. Filed Apr. 10, 1924. Serial No. 705,624. 7 Claims. (Cl. 144—2.)



1. A machine for patching wood comprising a continuously acting feed mechanism whereby the wood to be patched is passed through the machine; a continuously driven suction mechanism whereby the patch cuts are freed of saw-dust as they pass into the machine; a continuously reciprocating hammer adapted to force the patch pieces into the cuts; and a continuously rotating sanding drum whereby the surface of the patch piece is abraded down to the surface of the wood being patched.

1,578,009. PROCESS OF TREATING AND REFINING CRUDE IRON. FRANZ BURGERS, Gelsenkirchen, Germany. Filed Mar. 12, 1925. Serial No. 14,969. 2 Claims. (Cl. 266—34.)

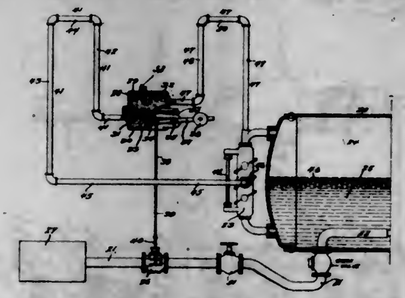


1. A process for refining crude iron comprising, introducing fuel into a furnace through a chute, preheating the fuel by the gases arising from the burning fuel, melting the crude iron in a separate furnace conveying the molten metal to the refining furnace and introducing the molten iron at a point near the vertical axis of said furnace and below the upper limit of incandescence.

1,578,010. FEED-CONTROLLING APPARATUS FOR FLUIDS. ROBERT F. BURKE, Phoenixville, Pa. Filed Aug. 15, 1921. Serial No. 492,256. 1 Claim. (Cl. 137—101.)

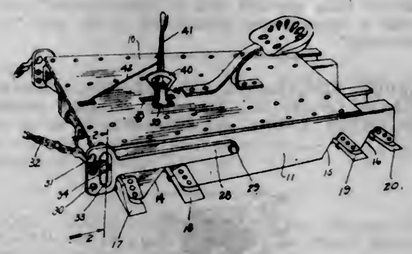
A feed water regulator consisting of a feed water conduit provided with a balanced valve directly mounted therein; a diaphragm case mounted above said valve and separated therefrom; a diaphragm dividing the case into two compartments; a shaft extending from said case; a lever fastened to said shaft within said case and connected to said diaphragm; a second lever fastened to the shaft on the outside of said case and provided with an adjustable weight; a rod extending from said second lever to said balanced valve; a conduit of substantially uniform inner cross section connecting the steam space of the boiler with one of said compartments and arranged

to provide a water trap; and a conduit of substantially uniform cross section which provides a motor column and has one end opening into the other of said compartments



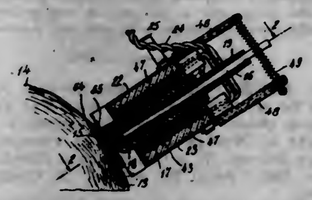
and has its other end extending to a point below the high water level of the boiler to be sealed thereby and unsealed when the water level falls, substantially as described.

1,578,011. DIRT DISTRIBUTOR AND PACKER FOR ROADS. GEORGE R. CALKINS, Montebello, Calif. Filed Apr. 23, 1925. Serial No. 25,306. 10 Claims. (Cl. 37—175.)



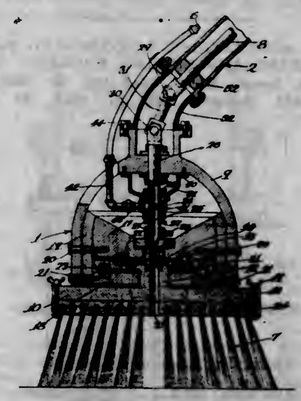
1. In a road drag, a blade having a body presenting a front face which is upwardly and forwardly inclined, and a rearwardly extending comparatively thick foot arranged adjacent the bottom of the blade, said foot presenting a smooth horizontal road engaging surface.

1,578,012. METHOD AND APPARATUS FOR TREATING HAIR. FRANK CAPDEVILA, New York, N. Y. Filed Nov. 28, 1922. Serial No. 603,736. 22 Claims. (Cl. 132—86.)



1. A hair treating device comprising a treatment casing in which a plurality of curls are held in a single plane, the casing having a face substantially conforming to the shape of the head, and means for heating the casing.

1,578,013. PORTABLE ELECTRIC BRUSH. PAUL CASE, San Quentin, Calif. Filed Nov. 8, 1923. Serial No. 673,619. 3 Claims. (Cl. 15—29.)



1. A rotary brush comprising a dome-shaped shell having an opening, a brush head rotatably supported by said shell, a hollow shaft having apertures therethrough adapted to rotate said brush and to convey a liquid to the said brush head, a fluid conduit extending through the opening of the shell, a sleeve surrounding the hollow shaft and having a chamber communicating with said conduit, the apertures in the shaft being located within said chamber, a head mounted on the shell and curved at an angle thereto, a hollow handle secured to the head, a shaft adapted to operate within said hollow handle and universal joints for coupling the shaft with the hollow shaft.

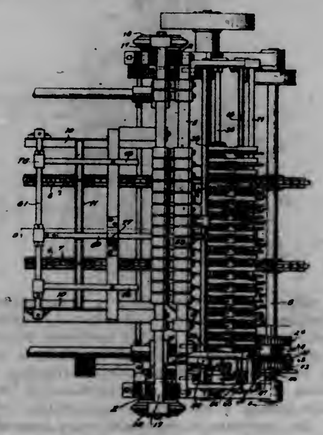
1,578,014. VEHICLE JACK. GUY ALVERTICH COUNTRYMAN, Ashland, Ohio. Filed July 3, 1924. Serial No. 724,007. 8 Claims. (Cl. 254—102.)



4. A vehicle jack, comprising a tubular standard having a vertical side channel, a main screw in screw-connection with said standard, a rotatable gear mounted upon said standard and connected with said main screw adapted to permit said screw to be elevated, a second screw in telescopic screw connection with said main screw, a bar suspended from said second screw having a cross piece adapted to travel in said side channel, said

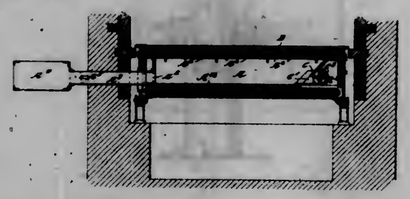
gear having a stop shoulder and said cross piece having an upwardly-extending part adapted to be elevated at one side of the lower portion of said main screw into stop relation with said shoulder.

1,578,015. AUTOMATICALLY-CONTROLLED FASTENER FORMING AND DRIVING MACHINE. EDWARD CRAIG, St. Joseph, Mich. Filed Aug. 23, 1920, Serial No. 405,474. Renewed Aug. 21, 1925. 34 Claims. (Cl. 1—2.)



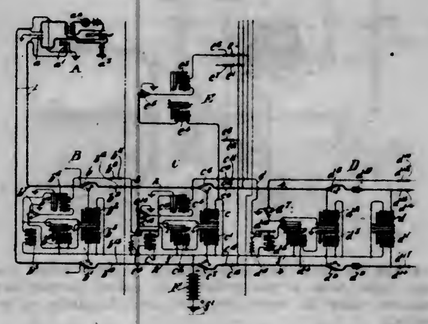
1. In a machine for securing materials together, the combination of mechanism for performing successive operations on the materials to fasten them together, instrumentalities for maintaining the materials in properly assembled relation and for feeding the same relatively to said mechanism, so that said materials are presented to said mechanism for the necessary operations thereon, devices for causing said mechanism to first drive a transverse row of fasteners and to then drive two longitudinal rows and finally a transverse row of fasteners in the assembled materials, the four rows forming a rectangle, and a controller actuated in accordance with the forward feeding motion of the materials to automatically govern the action of said devices.

1,578,016. MECHANICAL STOKER. CHRISTOPHER SAMUEL DAVY, Dulwich, and ARTHUR SPYER, London, England, assignors to The Babcock & Wilcox Company, Bayonne, N. J., a Corporation of New Jersey. Filed July 6, 1921. Serial No. 482,718. 8 Claims. (Cl. 110—40.)



1. In combination, a chain grate stoker, a compartment associated therewith communicating with the under side of the upper run of said chain grate, means for supplying air under pressure to said compartment, and a discharge member associated with said compartment constructed and arranged to discharge riddlings therefrom and maintain the compartment sealed during operation.

1,578,017. RELEASE FOR AUTOMATIC TELEPHONE SYSTEMS. ALEXANDER E. KEITH, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Jan. 13, 1905. Serial No. 240,960. 109 Claims. (Cl. 179—18.)



1. An automatic telephone system comprising a first "selector", a second "selector" and a "connector", a "release-circuit" for the first "selector", together with means for supplying all necessary current, said second "selector" being provided with a "release-magnet" controlling a normally-open switchpoint in the said "release-circuit".

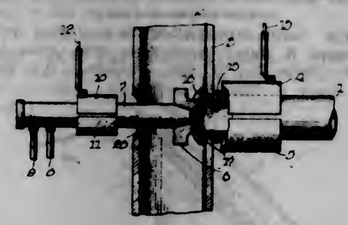
1,578,018. ELECTRIC-CIRCUIT BREAKER. CHARLES ELEMAN, Chicago, Ill. Filed Apr. 28, 1923. Serial No. 635,218. 1 Claim. (Cl. 200—128.)

In a fuse plug having a body for connection to a socket in an electric circuit, a threaded electrically-conductive exterior sleeve, a removably mounted fuse, a screw mounted cap member having a contact with said fuse, an annular conductive member mounted within the plug and having connection with said sleeve through a pair of oppositely disposed strips extending through the body of the plug, and a coil spring conductively connecting said annular member with said cap member.

1,578,019. METHOD OF AND MEANS FOR JOINING TUBES TO WALLS. LEWIS M. ELLIS and FREELAND H. LESLIE, Chicago, Ill.; said Ellis assignor of his entire right to Winslow Safety High Pressure Boiler Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 13, 1920. Serial No. 430,573. 21 Claims. (Cl. 210—10.)

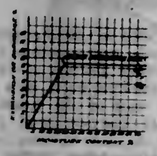
6. The method of joining a tube into an aperture in a wall which comprises projecting the tube through the wall with its free end adjacent one side of the wall, heating the tube locally from its end to a point beyond the opposite side of the wall, compressing the heated

end axially to form the wall of the tube immediately outside the edge of the aperture into a head lying against the edge of the aperture, flaring out the free



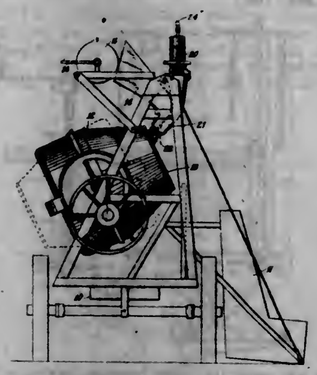
end of the tube against the adjacent surface of the wall about the aperture and expanding the tube radially to fill the aperture.

1,578,020. METHOD OF DRYING AND HANDLING WOOD VENEER. ARMIN ELMENDORF, Chicago, Ill. Filed Nov. 21, 1921. Serial No. 516,528. 13 Claims. (Cl. 361—24.)



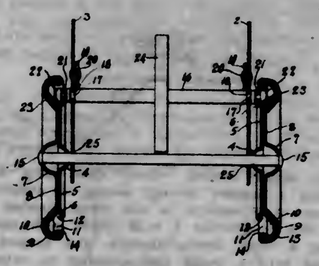
10. The method of drying veneer which consists in passing it over a series of rolls arranged to cause the veneer to assume a sinuous shape along lines transverse to the fibers in the veneer, while in contact with the rolls and applying heat to the veneer during its passage over the rolls.

1,578,021. HEATED CONCRETE MIXER. WALTER C. ELES, Forest Hills, N. Y., assignor to Hauck Manufacturing Company, Brooklyn, N. Y., a Corporation of New York. Filed Dec. 1, 1925. Serial No. 72,439. 7 Claims. (Cl. 88—73.)



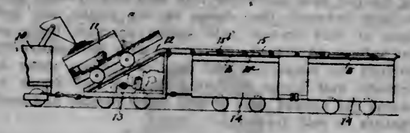
1. The combination with concrete mixer apparatus having a rotatable and tilting drum with single opening, and a movable hopper for supplying aggregate into the said opening; of a burner member carried by said apparatus for combustion external thereto and adapted to project a jet of flame to said drum in all of its positions.

1,578,022. TOY POWER DRIVE. CLARENCE E. FLORKEY, Dayton, Ohio, assignor to the Schieble Toy and Novelty Company, Dayton, Ohio, a Corporation of Ohio. Filed Jan. 8, 1923. Serial No. 611,548. 4 Claims. (Cl. 46—58.)



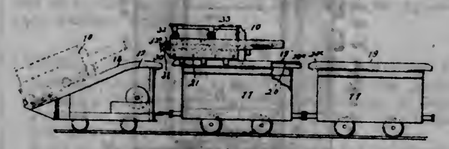
1. In a toy, a frame, ground engaging wheels carried thereby, opposed transversely curved rims carried by the wheels, a power shaft mounted for vertical movement in the frame, beveled friction drive elements carried by the power shaft and accommodated in the transversely curved rims, a disk of smaller diameter than the wheels carried by the inner face of each of the latter, a circumferential flange carried by each of the disks and diverging from the inner edge of the rims with the latter defining V-shaped grooves which receive the beveled friction drive elements when the toy is in operative position.

1,578,023. CAR-LOADING SYSTEM. ROBERT P. GREENLEAF, Shaker Heights, Ohio, assignor to Frank Billings, Cleveland, Ohio. Filed Jan. 26, 1924. Serial No. 688,678. 10 Claims. (Cl. 214—41.)



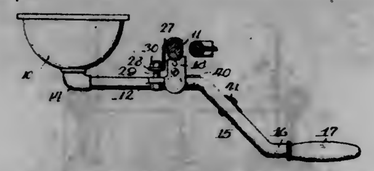
1. In combination with a loading machine and a series of cars to be loaded, a skip for transferring material from the loading machine to the different cars, and a trackway for the skip supported on the cars and composed of sections pivotally connected for relative lateral movement.

1,578,024. LOADING SYSTEM. ROBERT P. GREENLEAF, Shaker Heights, Ohio, assignor to Frank Billings, Cleveland, Ohio. Filed Mar. 12, 1924. Serial No. 698,632. 11 Claims. (Cl. 214—41.)



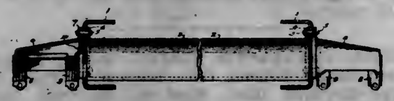
1. In a loading system, a series of cars, and a skip adapted to travel over the cars, the cars having skip supporting members individual to the different cars and arranged to permit the cars to swing relatively in passing a curve and to permit a skip to pass from car to car while said cars are on a curve.

1,578,025. INSIDE CONTROLLED VEHICLE SEARCHLIGHT. BERTRAM J. GREGSBY, Park Ridge, Ill., assignor, by mesne assignments, to Appleton Electric Co., Chicago, Ill., a Corporation of Illinois. Filed May 17, 1921. Serial No. 470,251. 11 Claims. (Cl. 240—61.)



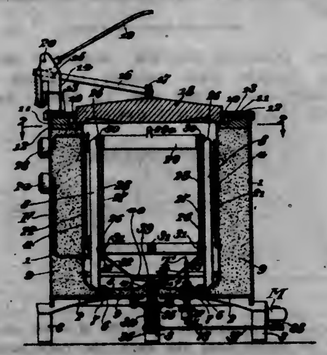
11. An inside control vehicle spot lamp mounting comprising a bracket having means of support to a fixed part of a vehicle, a one piece member formed at one end to provide a rock shaft with means for attaching a lamp casing thereto, and formed at its other end into a crank arm adapted to extend into the vehicle, a bearing member engaged with said rock shaft and permitting the latter to rotate about its long axis, and means on said bracket for supporting said bearing member to permit it to swing only in a plane containing said axis.

1,578,026. VEHICLE CHASSIS. JOHN C. HAGGART, Jr., Alma, Mich., assignor, by mesne assignments, to Detroit Patents Holding Company, Detroit, Mich., a Corporation of Michigan. Filed May 19, 1924. Serial No. 714,248. 1 Claim. (Cl. 267—54.)



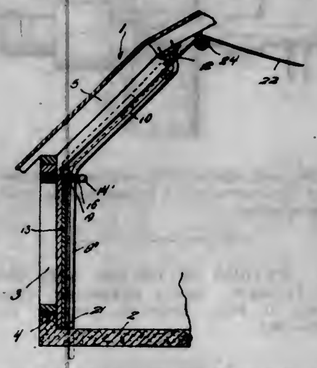
In a vehicle chassis, side frames, a cross member having flanged ends extending into said side frames, spring brackets between the planes of the upper and lower edges of said frames, said spring brackets being substantially hood shaped and formed with split contractible bearings for supporting the ends of springs under said brackets, and means extending through said frame connecting the flanged ends of said cross member and spring brackets to said frames.

1,578,027. ELECTRIC-FURNACE SYSTEM. JOHN W. HARSCH, Philadelphia, Pa., assignor to Leeds & Northrup Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Feb. 20, 1925. Serial No. 10,486. 29 Claims. (Cl. 148—13.)



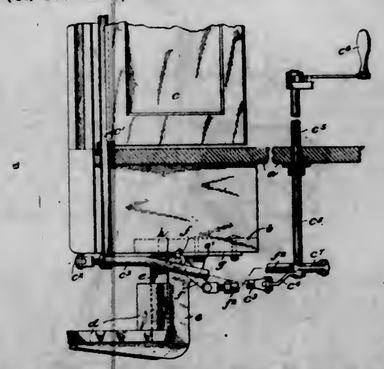
6. The method of operating a heating chamber containing material to be heated, which comprises increasing the temperature of the chamber toward desired magnitude by a high rate of application of heating agent, simultaneously circulating the air within the chamber, and reversing the circulation at intervals short as compared with the time required for the heating chamber to reach a temperature of the desired magnitude.

1,578,028. DOOR CONSTRUCTION FOR HOG HOUSES. KENNETH N. HEALY, River Falls, Wis. Filed June 4, 1924. Serial No. 717,860. 1 Claim. (Cl. 20—19.)



In combination with a building structure provided at its side wall with a door opening and having a roof disposed in an inclined position above the door opening, a door structure including guide rails extending vertically along the side wall of the building and being disposed parallel with the side wall from points below the lower edge of the door opening to points above the upper edge thereof, the upper portion of the guide rails being extended under the roof and approximately parallel with the same, bracing members for the guide rails adjacent the juncture of the upper portions thereof with the lower portions, a door panel having at its lower edge guides which engage the rails, rollers journaled on the upper edge of the door panel for engaging the rails, and means for raising the door to an open position at which time the guides engage the bracing members.

1,578,029. STEP FOR VEHICLE BODIES. JOHN W. HEINEY, Allentown, Pa., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 24, 1923. Serial No. 627,264. 1 Claim. (Cl. 280—166.)



In a bus body for motor vehicles having a fixed step associated with the platform, an additional single step, a vertical door disposed above said additional step, L-shaped risers carrying said additional step by one of their legs respectively, means to hinge said additional step to the part of said first-named step at the upper end of the other leg of the L-shaped risers respectively

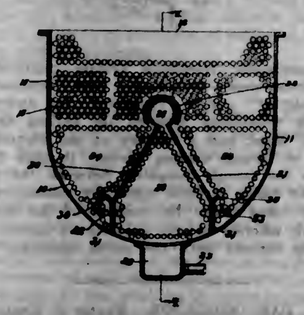
vertical means to swing said additional step upwardly about the axis of the hinging means into a vertical position of alignment with the door, and to position the riser of the step so as to form a continuation of the fixed step, means to translate motion from the vertical door to the vertical operating means.

1,578,030. VENT CAP FOR HEATERS AND THE LIKE. PAUL WILLIAM HIRSCHBERG, Los Angeles, Calif. Filed Nov. 6, 1924. Serial No. 748,181. 1 Claim. (Cl. 98—30.)



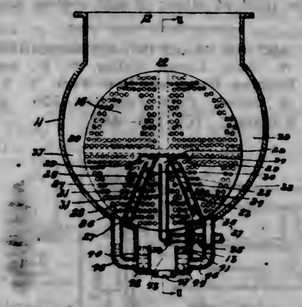
A vent cap for heaters and the like comprising a pipe adapted to project through a roof and adapted to be connected to a vent pipe from a heater, a cylindrical sleeve disposed about the pipe at the location of the roof defining an annular chamber thereabout having an open bottom disposed below the roof, a plate secured to said pipe to which the upper end of the sleeve is secured, thus forming a closure for the upper end of said chamber, there being apertures formed in said pipe immediately below said plate by striking out portions of the pipe and bending them upwardly against the under side of said plate so as to additionally support it, said apertures permitting air from below the roof to pass upwardly through said chamber and into the pipe.

1,578,031. CONDENSER. FRANCIS HODGKINSON, Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 4, 1921, Serial No. 489,892. Renewed Feb. 2, 1926. 8 Claims. (Cl. 257—43.)



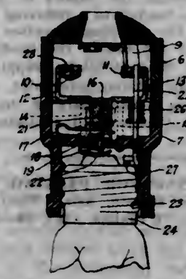
1. In a surface condenser, the combination with a shell enclosing a condensing space and having a steam inlet at the upper portion thereof, and approximately horizontal condensing tubes traversing the said space, of means providing two passages of decreasing cross-sectional area at either side of the condensing space and extending from the top to adjacent the bottom thereof, and providing a third passage of decreasing cross-sectional area between the said two passages and extending from the bottom of the space upwardly, and a non-condensable fluid off-take means communicating only with the converging portion of the said third passage, whereby the vapors and non-condensible fluids pass downwardly through the said two passages and then upwardly through the third passage to the off-take.

1,578,032. CONDENSER. FRANCIS HODGKINSON, Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 4, 1921, Serial No. 489,893. Renewed Jan. 22, 1926. 20 Claims. (Cl. 257—43.)



1. In a condenser, the combination with a shell having a fluid inlet port and an outlet port for condensate, of a nest of air cooling tubes rising from the bottom of the condenser, a nest of condensing tubes at the sides of and above said air cooling tubes, and partition means defining air passages between said groups of tubes.

1,578,033. ELECTRIC SOCKET. JOHN HOHL, Newark, N. J. Filed Mar. 27, 1923. Serial No. 627,947. 11 Claims. (Cl. 173—350.)



1. An electric socket comprising a body adapted to receive a lamp base, a cap, means for detachably securing the cap to the body, and means responsive to the insertion of a lamp base in the body for locking the cap and body against separation.

1,578,034. SEPARATOR FOR DIGGERS. ARTHUR L. HOOVER, Avery, Ohio, assignor to The Hoover Manufacturing Company, Avery, Ohio, a Corporation of Ohio. Filed Nov. 28, 1924. Serial No. 752,611. 3 Claims. (Cl. 209—324.)

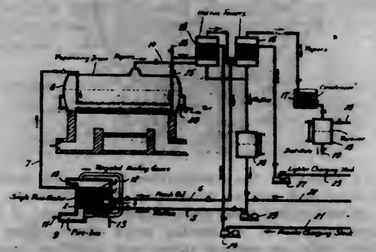
1. In a digger: slideway means arranged to directly support material conveyed thereon from its point of reception to the delivery end of said slideway means; means to oscillate said slideway means vertically; and endless means ineffective to support said material, comprising cross members arranged to pass along the upper face of said slideway means over said delivery end and and

return below said slideway means, and effective to move said material along said slideway means to said delivery end and discharge said material from said delivery end; said slideway means being formed at said delivery end closely conforming to the downward curvature of the



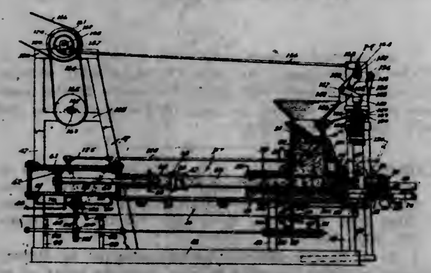
path of movement of said endless means at said delivery end, and means to hold said slideway means in close proximity to said endless means at said delivery end so that said slideway means extends and supports said material to the limit of extent of said endless means.

1,578,035. ART OF CRACKING HYDROCARBON OILS. EDWARD W. ISOM, Locust Valley, N. Y., assignor to Sinclair Refining Company, New York, N. Y., a Corporation of Maine. Filed June 19, 1925. Serial No. 38,128. 9 Claims. (Cl. 196—48.)



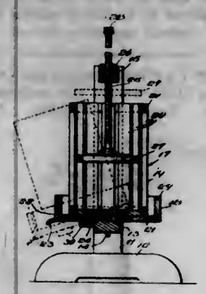
2. An improved method of cracking hydrocarbon oils, which comprises circulating oil in a single pass through a heating conduit, heating the oil circulating through the conduit to a cracking temperature by circulating heating gases thereover in generally concurrent relation with the oil flow, subjecting the vapors of the cracked oil discharged from the conduit to a refluxing operation, supplying reflux from the refluxing operation to the conduit at a point adjacent the end of the conduit over which the heating gases first circulate, supplying fresh oil to the conduit at an intermediate point, and recirculating over the heating conduit part of the heating gases which have passed thereover in admixture, with fresh heating gases.

1,578,036. MACHINE FOR PACKING EXPLOSIVES. GUSTAF JOHNSON, Benson, Ariz. Filed Sept. 8, 1925. Serial No. 54,981. 6 Claims. (Cl. 86—23.)



2. A machine for packing explosives comprising a chamber adapted to hold gelatine, a plunger within said chamber for feeding the gelatine from the chamber into empty cartridges, and means for controlling the movement of said plunger by the movement of said cartridges.

1,578,037. FRUIT PRESS. JOHN P. JOURDAN, Chicago, Ill. Filed Apr. 13, 1925. Serial No. 22,683. 4 Claims. (Cl. 100—44.)



1. In a fruit press, an open frame having a support above its lower end, a container pan or base loosely mounted on the support, an open topped fruit container on the base, a pressure screw and head carried by the frame above the normal operative position of the fruit container, the base and container being freely movable forward on the support from beneath the screw and head to afford free access to the container, the base being free to be tilted down in its forward position, and means for retaining the base against removal from the frame and for limiting the tilting thereof.

1,578,038. TELEPHONE SYSTEM. ALFRED H. DYSON, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Jan. 5, 1905. Serial No. 239,730. 175 Claims. (Cl. 179—18.)

1. An automatic telephone system comprising subscribers' lines, means including a first "selector" and a second "selector" and a "connector" for automatically establishing connection between the calling and called subscribers' lines, and a battery at the central station connected to furnish talking current through the "connector" to the circuit completed between the two subscribers, the means for thus supplying talking current to the circuit being under the control of the called subscriber only, whereby neither subscriber's station receives any talking current until the called subscriber answers the call.

1,578,039. CAR INDICATOR. FRANK J. KELLY, Brooklyn, N. Y. Filed Jan. 26, 1925. Serial No. 4,802. 4 Claims. (Cl. 40—31.)

1. In a car indicator, the combination of a web having the stations printed on both of its sides, a pair of reels for the web, a casing having at each end a compartment containing one reel and a motor, the casing between the compartments being of shallow elongated form with a window on each of the opposite sides ar-



ranged to each expose one of the opposite printed sides of the web as drawn from one reel to the other alternately in the opposite directions by one of the said motors.

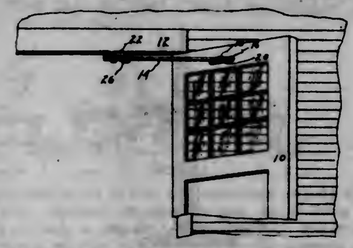
1,578,040. HIGH CHAIR. ELMER A. KILMER, Hiram, Ohio. Filed May 27, 1925. Serial No. 33,200. 1 Claim. (Cl. 155—187.)



In a structure of the character described, a chair including a frame having side bars and a rear bar, a seat formed of flexible material and shaped as a pocket and having side and rear walls provided with a marginal pocket along their upper edges and open at its ends, a U-shaped reinforcing yoke disposed in said marginal pocket and adapted to be slipped into and out of place through one end thereof, and means carried by said side and rear bars adapted to engage beneath the reinforced upper edge portions of the walls of said seat and suspend the seat within the frame.

1,578,041. DOOR-FASTENING MECHANISM. FREDERICK KNOWLSON and JOHN HUBER STEVENSON, Ann Arbor, Mich. Filed Apr. 18, 1925. Serial No. 22,736. 2 Claims. (Cl. 292—278.)

1. In a door fastening device, in combination with a door frame and a door hinged therein, a catch secured to the door frame, a channel bar pivoted at one end to the door, said bar mounted to travel over said catch in the opening and closing of the door, a dog pivoted within the channel of said bar to hang normally downwardly to be engaged by the catch as the door travels thereover and adapted to be raised up within the channel of the bar to permit the bar to travel over the catch, said dog having a projecting part adapted to engage said catch to prevent the closing of the door, a coil spring encircling the free end of the bar beyond the catch, a stop plate surrounding the bar beyond the spring, said bar having portions struck up from the side walls thereof beyond the stop plate and portions struck up from the side walls



of the bar on the opposite sides of the stop plate to hold the plate in place, said coil spring engaged over said last-named portions so as to be held against the stop plate.

1,578,042. APPAREL GARMENT. WALDEMAR KOPS, New York, N. Y., assignor to Kops Bros. Inc., a Corporation of New York. Filed Dec. 4, 1923. Serial No. 678,382. 1 Claim. (Cl. 2—26.)



An apparel garment comprising a back member adapted to extend between the axillar portions of the body of the wearer, an abdominal member having sections connected to and extending from the edges of the back member to overlie the abdomen, fastening devices for securing the forward ends of the sections of the abdominal member in position over the abdomen of the wearer, a diaphragm member having sections connected to the edges of the back member along the same lines by which the sections of the abdominal member are connected thereto, and fastening devices for connecting the free ends of the diaphragm member at one side of the devices for connecting the free ends of the sections of the abdominal member, the lower edges of the sections of the diaphragm member being tapered upwardly so that the lower portions of the diaphragm member appreciably overlie the upper portions of the abdominal member, the said diaphragm member being adjustable to position relatively to the abdominal member longitudinally of the body and having its upper edge lying entirely below the bust line of the wearer.

1,578,043. CHAPLET FOR FOUNDRY USE. JOSEPH KOVANDA, West Allis, Wis. Filed Jan. 31, 1925. Serial No. 5,969. 2 Claims. (Cl. 22—184.)

1. A chaplet comprising an intermediate portion of round cross section having substantially rectangular beads integral with the ends thereof, and a conical stem

integral with one of said heads and in alignment with said intermediate portion, the corners of said heads being cut at an angle to the edges thereof and formed

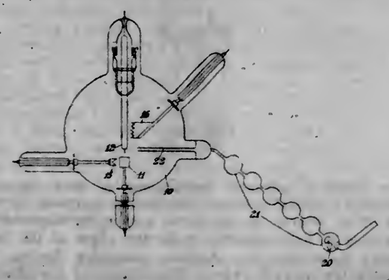


with integral depending or inwardly disposed extensions, whereby said extensions will afford a locking engagement of said heads with the wall of the casting to prevent disengagement therefrom.

1,578,044. METHOD OF PURIFYING MOLTEN METALS. HOWARD G. LAPSLEY, Plainfield, N. J., assignor to Metals Refining Corporation, a Corporation of New York. Filed Aug. 4, 1925. Serial No. 48,055. 7 Claims. (Cl. 75—1.)

1. The method of treating molten metal which comprises adding thereto a chemical compound of aluminum and boron.

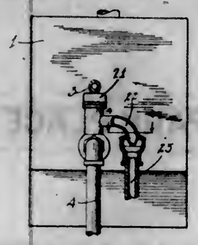
1,578,045. AUTOELECTRONIC DEVICE. JULIUS EDGAR LILIENFELD, Waterbury, Conn., assignor of one-half to William H. Bristol, Waterbury, Conn. Filed Jan. 28, 1922. Serial No. 532,353. 10 Claims. Cl. 250—35.)



10. An autoelectronic device, comprising a sealed envelope evacuated to such a high degree that ionization is substantially prevented, and unheated electrodes therein, one of which consists of a superfine support coated with an alloy of cæsium, potassium and sodium, said electrodes being separated by a gap sufficiently short to permit of starting the discharge therebetween upon the application of a suitable potential.

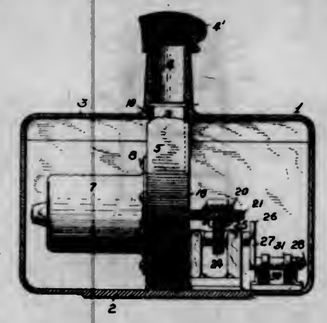
1,578,046. SAFETY VALVE FOR HOT-WATER HEATERS. HENRY HAVELOCK LOGAN, Chicago, Ill. Filed Feb. 16, 1924. Serial No. 693,322. 1 Claim. (Cl. 137—53.)

A safety valve of the character described comprising a valve chamber arranged for connection with a hot water system said valve chamber having an outlet port for delivering water, a valve disposed in the upper wall of said chamber, and adjustable spring means for holding said valve closed against the normal pressure in said water system, a drain pipe having the upper end thereof open and disposed adjacent to said valve chamber, and a conducting tube communicating with the exhaust port of said valve at one end and having its opposite end tapered inwardly and disposed over the



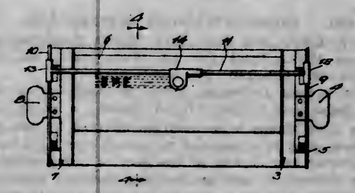
upper open end of said drain pipe, whereby liquid and steam exhausted from said valve when opened may be deposited over the open end of said drain pipe and the water carried away.

1,578,047. DRYING DEVICE FOR THE LAVATORY. WALTER O. LUM, Brooklyn, N. Y., assignor to Bio-Dry Incorporated, Syracuse, N. Y., a Corporation of New York. Filed July 28, 1921. Serial No. 488,261. 8 Claims. (Cl. 34—26.)



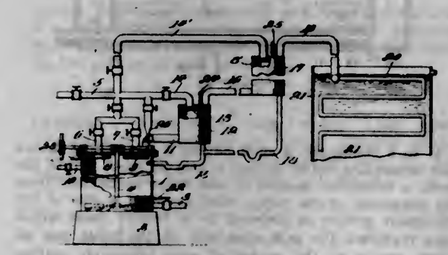
2. In a drying device for the hands and face, a housing having an outlet, a motor driven blower within said housing, a heating coil located within said housing, adjacent this outlet, a manually operated switch also on said housing for energizing said coil and starting said blower, and means operable by said motor for stopping said blower and deenergizing said coil after a predetermined interval of time.

1,578,048. CHECK WRITER AND PROTECTOR. ALEXANDER C. MABEE, Villa Park, Ill. Filed July 7, 1923. Serial No. 650,106. 1 Claim. (Cl. 197—6.)



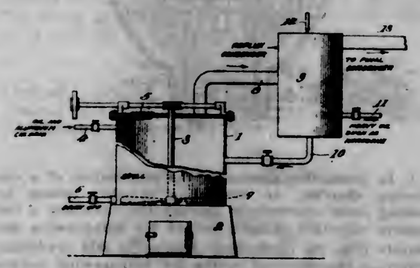
In combination, a resilient platen having paper holding means cooperating therewith to hold the paper definitely in register thereupon, writing means comprising movable type, suitable guiding means for guiding the type successively into registration on the paper held on the platen and produce a written line, paper shredding means comprising a rotary cutter having a face wide enough to shred the paper over a width substantially the width of the written line, and guiding means for guiding the cutter in register longitudinally along the written line.

1,578,049. PROCESS OF DISTILLING OILS WITH VOLATILE CATALYSTS. ALMER MCDUFFIE MCAFEE, Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa., a Corporation of Texas. Filed Jan. 20, 1922. Serial No. 530,580. 15 Claims. (Cl. 196—54.)



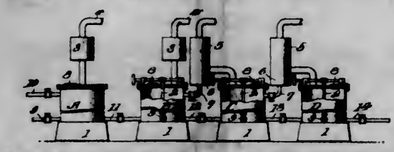
1. The process of distilling higher boiling oils with metallic halides which comprises heating a mixture of a metallic halide and higher boiling oil to distil the same, conducting away vapors of lower boiling oils formed, condensing the vapors of lower boiling oils and intimately contacting the said vapors prior to their condensation with added petroleum hydrocarbon.

1,578,050. PROCESS OF DISTILLING WITH ALUMINUM CHLORIDE. ALMER MCDUFFIE MCAFEE, Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa., a Corporation of Texas. Filed Jan. 20, 1922. Serial No. 530,581. 7 Claims. (Cl. 196—54.)



1. In the lowering of the boiling point of petroleum oils by distilling the same in the presence of aluminum chloride, the process which comprises partially cooling the vapors to condense out aluminum chloride and kerosene, separately condensing and collecting vapors of petroleum oils having boiling points below that of kerosene, separating the aluminum chloride from the kerosene by settling, simultaneously returning the aluminum chloride to the still and separately removing the collected kerosene.

1,578,051. PROCESS OF IMPROVING OILS. ALMER MCDUFFIE MCAFEE, Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa., a Corporation of Texas. Filed Jan. 20, 1922. Serial No. 530,582. 4 Claims. (Cl. 196—54.)

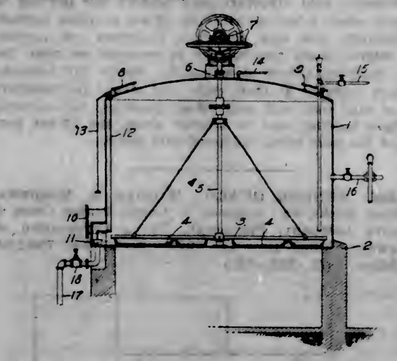


3. In the distillation of oils wih aluminum chlorid the process which comprises establishing and maintaining a flow of oil through a plurality of successively operating distilling means wherein it is distilled in the presence of aluminum chlorid and returning volatilized and condensed chlorid towards the first still in series.

1,578,052. METHOD OF MAKING ALUMINUM CHLORIDE. ALMER M. MCAFEE, Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa., a Corporation of Texas. Filed Mar. 1, 1923. Serial No. 622,213. 6 Claims. (Cl. 23—95.)

4. In the manufacture of aluminum chloride from solid carbon and oxidized forms of aluminum with the aid of a flow of chlorin passing thereover, the process which comprises shortening the period of induction in the production of aluminum chloride by first contacting with the solid materials a mixture of chlorin and gas containing an oxid of carbon and thereafter continuing the operation with gas containing an increased proportion of chlorin.

1,578,053. PROCESS OF REMOVING ALUMINUM CHLORIDE RESIDUES FROM STILLS. ALMER MCDUFFIE MCAFEE, Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa., a Corporation of Texas. Filed Dec. 13, 1923. Serial No. 680,512. 13 Claims. (Cl. 196—1.)



3. The process of removing aluminum chloride residues from a vessel in which aluminum chloride has been used for catalytic treatment of petroleum hydrocarbons, and in which the residues are in the form of a caked mass, which comprises wetting such mass with water to disintegrate it into small particles and flushing such particles from the vessel in the presence of water.

1,578,054. PICKER STICK. EDWARD MCCRAW, North Adams, Mass. Filed Sept. 20, 1922. Serial No. 589,339. 10 Claims. (Cl. 139—157.)

1. In a loom, a holder having a bearing adjacent one end by which it can be pivotally mounted, and a guide

device at the other end, a picker stick slidably mounted in said guide device for movement lengthwise of the



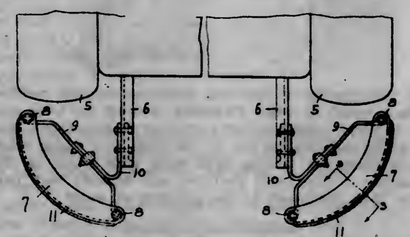
holder, and means comprising a block slidably adjustable along the holder for limiting movement of the picker stick in said holder.

1,578,055. VEHICLE BUMPER. WILLIAM R. McGOWEN, Chicago, Ill., assignor to United States Chain & Forging Company, Pittsburgh, Pa., a Corporation of Delaware. Filed Aug. 13, 1924. Serial No. 731,844. 1 Claim. (Cl. 293—55.)



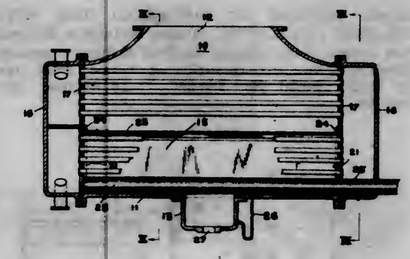
A vehicle bumper comprising a plurality of vertically spaced parallel impact bars, each vertically off-set at its mid-portion and unobstructed at points therebeneath or above said off-set portion except by the adjacent parallel bar, whereby said structure may protect one portion of a vehicle when mounted with the off-set portions extending upwardly and may protect a relatively low portion of a vehicle when the bumper is reversed so that the off-set portions extend downwardly, means for securing said bars together at their ends, and means intermediate each of said ends and said off-set portions, for securing said bars together and to bracket arms, the off-set portions of the bars being independently flexible.

1,578,056. FENDER GUARD. WILLIAM R. McGOWEN, McKees Rocks, Pa., assignor to United States Chain & Forging Company, Pittsburgh, Pa., a Corporation of Delaware. Filed Dec. 11, 1924. Serial No. 755,252. 3 Claims. (Cl. 293—55.)



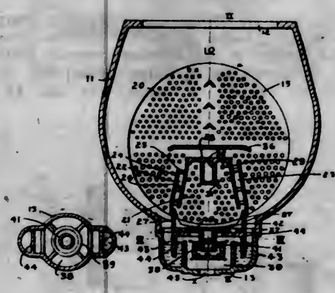
1. An impact member comprising a channel bar of arcuate form, a flexible strap member having its opposite ends pivotally connected to the said bar adjacent to the ends thereof, and means for securing said strap member to a frame.

1,578,057. SURFACE CONDENSER. DAVID W. R. MORGAN, Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed June 3, 1921, Serial No. 474,854. Renewed Feb. 4, 1926. 16 Claims. (Cl. 257—43.)



1. In a condenser, a shell having a steam inlet means and condensate outlet means, a nest of tubes within the shell, a triangular section of said tubes partitioned from the remainder of the tubes, inlet means at a side of the triangular section so disposed as to receive fluids which have traversed the said remainder of the tubes and an outlet means at the vertex of said triangular section opposite to said side, whereby the fluids traversing the triangular section of tubes travel in a path of decreasing flow area transverse to the tubes of the triangular section.

1,578,058. CONDENSER. DAVID W. R. MORGAN, Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 28, 1923. Serial No. 665,418. 13 Claims. (Cl. 257—43.)

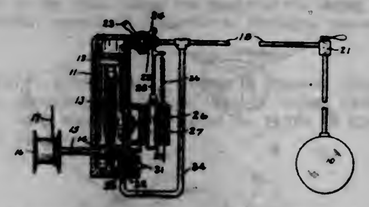


1. In condensing apparatus, the combination of a condensing chamber, an air-cooling chamber, means for passing steam successively through the chambers, a condensate collection chamber, means for withdrawing condensate from the condensing chamber to said condensate collecting chamber and means for withdrawing condensate from the air-cooling chamber to said condensate collection chamber each of said condensate withdrawal means including water sealing means to prevent the passage of non-condensable gases therethrough.

1,578,059. TROLLEY-POLE SAFETY DEVICE. FRANK P. MYER, Everett, Wash. Filed Mar. 13, 1925. Serial No. 15,188. 1 Claim. (Cl. 191—90.)

The combination with a trolley car having a trolley pole provided with a trolley wheel arranged to make electrical contact with a trolley wire, of a cable connected with said trolley pole, a drum on which said cable is

wound, means operated by compressed air for rotating said drum to wind said cable thereon and a solenoid energized by current from said trolley wire for rendering said com-



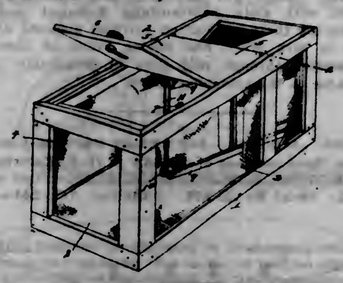
pressed air means inoperative when said trolley wheel is in electrical contact with said trolley wire, and means operated by said compressed air for locking and unlocking the plunger of said solenoid.

1,578,060. COMBINED CAR SEAL AND LOCK. CHARLES A. NASH, Astoria, Oreg., assignor of two-thirds to Richard B. Hynes. Filed July 23, 1924. Serial No. 727,779. 3 Claims. (Cl. 70—6.)



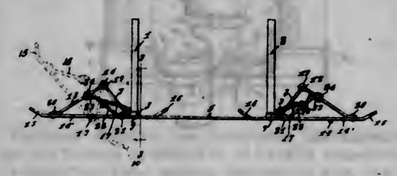
1. In a device of the character described a casing, a guide arranged in longitudinal alignment with the casing, a lock bolt slidably mounted within the guide for movement into and out of the lock casing, the inner end of the bolt having a notch formed therein, a dove-tail guide in the casing disposed at right angles to the path of travel of the bolt, a dove-tail locking tumbler slidably mounted within the dove tail guide, the lower end of the tumbler being inclined upwardly toward the free end of the bolt, spring means normally urging the tumbler in engagement with the bolt and into said notch, the casing having a key hole therein, and said tumbler being provided with a key bit receiving notch.

1,578,061. ROACH TRAP. JACQUES ABADIE, New Orleans, La. Filed Sept. 18, 1924. Serial No. 738,485. 2 Claims. (Cl. 43—121.)



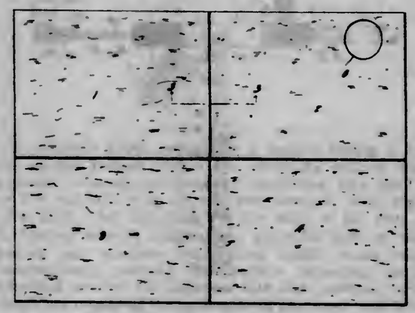
1. A roach trap comprising a cage, an entrance thereto including inwardly convergent side walls the inner edges of which are so relatively arranged as to form a V-shaped slot sufficiently narrow at its lower portion to prevent the passage of roaches therethrough and wide enough adjacent its upper portion to admit roaches of the largest size, means for constricting said entrance in front of said slot, forming an ante-chamber having a slot sufficiently wide to admit roaches of all sizes.

1,578,062. BUMPER. RUDOLPH C. AMBERG, Chokio, Minn. Filed Sept. 29, 1925. Serial No. 59,289. 6 Claims. (Cl. 293—55.)



1. A bumper comprising a pair of superposed bumper members having rearwardly extending end portions, a pair of pivot bolts carried by said end portions, two sets of superposed spring controlled wing members, the wing members of each set being alternately disposed with respect to said bumper members and projecting laterally therefrom, and means carried by the wing members of each set for pivotally connecting them with a pivot bolt.

1,578,063. DESK BLOTTER. LOUIS C. BAUMAN, Cincinnati, Ohio. Filed Nov. 6, 1923. Serial No. 673,118. 1 Claim. (Cl. 120—24.)

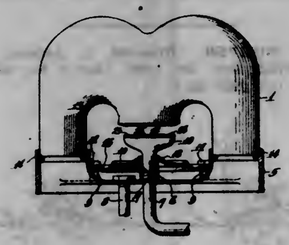


A folding desk blotter comprising four sections, a binding strip connecting inner adjacent ends of the four sections, and other binding strips connecting the inner ends of the sections upon opposite sides of the first mentioned binding strips without crossing the latter, said strips being exposed at the lower surface of the blotter for engagement with the desk and one of the sections having an opening therethrough to accommodate an ink bottle.

1,578,064. OIL BURNER. ALFRED BITTNER, Philadelphia, Pa. Filed Nov. 27, 1925. Serial No. 71,748. 4 Claims. (Cl. 158—91.)

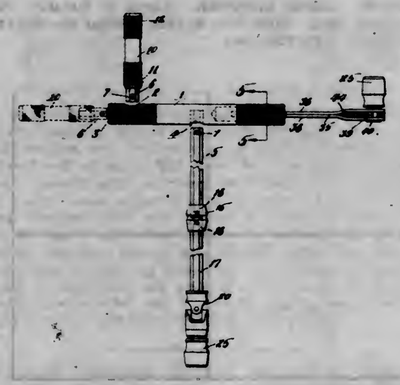
4. An oil burner comprising a base having a cupped recess centrally formed therein, an oil inlet and an overflow outlet in said recess, a plurality of spaced lugs formed on the sides of said recess, a burner cone adjustably secured to said lugs, a pair of oil retaining grooves formed in the upper face of said cone, a spray nozzle detachably and centrally positioned in said cone, said nozzle adapted to project the fuel oil for forming

concentric flame, an air inlet opening formed in each end of said base, a manifold bridging said burner cone and nozzle, and the two outer ends thereof positioned in the



said openings, and a wall formed integrally in said manifold on the longitudinal center line thereof for providing a greater contact area for preheating the air supply.

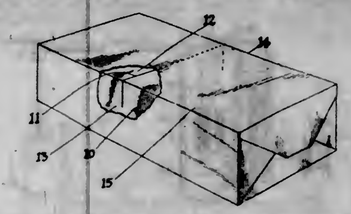
1,578,065. WRENCH SET. THOMAS A. BEMUS, North East, Pa., and EUGENE F. BICKFORD and FRANK T. COFFIN, Boston, Mass. Filed Sept. 8, 1922. Serial No. 586,955. 1 Claim. (Cl. 81—177.)



In combination, a ratchet member comprising strips spaced apart at one end and close together at their opposite end to form a shank, a ratchet wheel between said spaced ends and having hubs journaled in alined openings therein, a pawl for preventing rotation in one direction of said ratchet wheel, said ratchet wheel having a polygonal opening therethrough for engagement with a tool carrying bar projectable at will in opposite directions therefrom to reverse the positive direction of rotation of a tool carried by said bar, and a handle having a slot to receive the shank of said member.

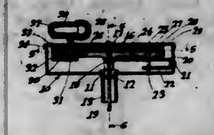
1,578,066. CONTAINER. CHARLES W. H. BOLINGBROKE, Los Angeles, Calif., assignor to E. L. Thomson Co. Inc., Los Angeles, Calif., a Corporation of California. Filed Sept. 24, 1924. Serial No. 739,571. 1 Claim. (Cl. 206—46.)

A package comprising a rectangular container, a plurality of rectangular articles disposed within said container presenting rectangular abutting faces therein, a continuous cut formed transversely across the top of the container registering with said abutting faces, said cut extending vertically and at least partially down



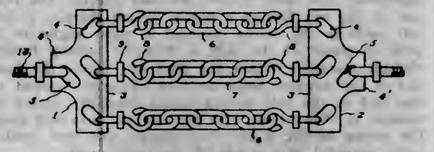
the sides of said container, and a paper wrapper disposed about said container constituting the sole closure for said cut.

1,578,067. DENTAL AMALGAMATOR. HARRY A. BONOFF, Los Angeles, Calif. Filed Jan. 15, 1925. Serial No. 2,567. 9 Claims. (Cl. 259—72.)



4. A mixing device of the class described, comprising a container, and gear means associated with said container for rotating it and oscillating it upon a predetermined path, said means being so arranged that rotation of said container when moving in one direction upon said path is practically zero.

1,578,068. ANTISKID DEVICE. CHARLES M. BRANDT, Lianerch, Pa. Filed Apr. 17, 1925. Serial No. 23,954. 1 Claim. (Cl. 152—2.)



In an anti-skid device for motor vehicle wheels, attaching plates, a plurality of chains connected to said attaching plates, the outer of said chains being longer than the intermediate chain whereby the intermediate chain will be held taut across the tread of a vehicle tire while the outer chains will be slack, said attaching plates provided with slots, substantially S-shaped connecting links having their end curved portions disposed at right angles to each other, and having heads on their ends for insertion through said slots to detachably connect the chains to the attaching plates.

1,578,069. AIRSHIP. JOHN ENLOE BROYLES, Coco Solo, Canal Zone, assignor of one-half to H. E. Robertson and T. H. Weller, both of Russellville, Mo. Filed Apr. 9, 1925. Serial No. 21,878. 7 Claims. (Cl. 244—6.)



1. In combination, a base, a hub extending from the base, a sleeve rotatable in the hub, arms projecting upwardly from the sleeve, a prime mover rotatable between

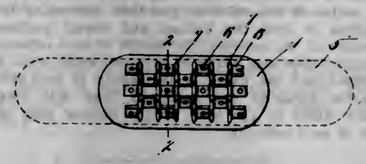
the arms, a pair of guides, an extension disposed on the prime mover between the guides, said guides being attached to said sleeve, means for revolving the prime mover in the arms, means for revolving the sleeve, and a propeller operatively connected to the prime mover.

1,578,070. FISH LURE. GEORGE T. BUDDLE, Chicago, Ill., assignor of one-half to Julius J. Sturm, Chicago, Ill. Filed Mar. 9, 1925. Serial No. 14,184. 3 Claims. (Cl. 43—42.)



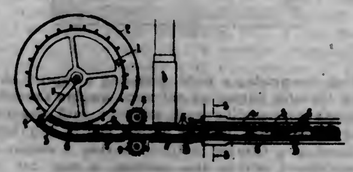
1. An artificial bait comprising a body portion, a hook member pivotally supported under the body portion, a weight connected with the hook member for normally holding the hook member in its active position, and said weight having an opening to receive bait.

1,578,071. NONSKID TRACTION SHOE. MARIE L. CADIEUX, Charlestown, Mass. Filed Jan. 14, 1925. Serial No. 2,432. 1 Claim. (Cl. 152—14.)



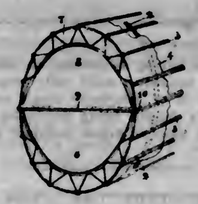
A metallic non-skid and traction shoe for automobile tires, constructed and arranged to be positioned over a portion only of said tire, and having thereon a plurality of removable and renewable rectangular metallic plates, the ends of these plates being upturned to form ground gripping calks, said plates being arranged in staggered relation with the upturned calks on alternate plates substantially abutting to form a continuous line of contact with the ground, and adjustable means to connect said shoe to a vehicle tire.

1,578,072. MACHINE FOR CHARGING AND DISCHARGING GAS RETORTS. THOMAS FRANCIS CANNING and RICHARD GEORGE CLARK, Southend-on-Sea, England. Filed Aug. 3, 1925. Serial No. 47,934. 8 Claims. (Cl. 214—34.)



8. In a machine for charging or discharging retorts and the like, a bar made up of a series of pivoted rigid members, an endless chain adapted for travel lengthwise the bar above and below the same, pushers carried by the chain, and means whereby the chain and bar may be moved together or the chain permitted to move relative to the bar.

1,578,073. STRUCTURE AND COMPOSITION OF THE FUSELAGES, AND PARTS DEPENDING THEREON FOR AEROPLANES. GIANNI CAPRONI, UMBERTO NOBILE, and RODOLFO VERDUZIO, Rome, Italy. Filed Aug. 4, 1923. Serial No. 655,762. 1 Claim. (Cl. 244—30.)



Improved structure for aeroplanes, characterized in that the fuselage is formed of two halves symmetrical to a longitudinal plane passing through its axis, the cross girders consisting of half rings executed in lattice work whereon are fastened the longitudinal ribs and the outer covering, the said two halves being joined together by means of riveted joints upon having been built up separately.

1,578,074. RUBBER TOOTHBRUSH. JERMAIN CHANDLER, Toledo, Ohio. Filed July 28, 1925. Serial No. 46,647. 4 Claims. (Cl. 15—188.)



1. A tooth brush comprising a handle having a head at one end formed with a slot extending entirely therethrough, tongues on the head projecting into the slot at the opposite ends thereof, said tongues being spaced from each other and from the side walls of the slot, and a cleaning element comprising a plate-like body of rubber having end portions constituting bristle backs and a longitudinally reduced intermediate mounting portion extended around the tongues, said end portions having shoulders engaging the underside of the head, said cleaning element being flexed to V-shaped form and slightly stretched whereby its inherent resiliency aids in holding it in position, and bristles integral with the bristle backs.

1,578,075. METAL LATH. FRED CHRISTOPHER, Lowell, Ariz. Filed July 6, 1925. Serial No. 41,633. 2 Claims. (Cl. 72—116.)



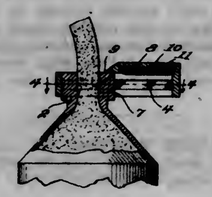
1. A metal lath comprising a rigid metal backing plate provided with vertical longitudinally extending channels at spaced points, such channels having spaced openings formed therein, retaining wires seated in said channels, and having portions exposed by said openings, and an open work wire structure placed against the face of the backing plate and connected in position by said retaining wires.

1,578,076. WIRE SPOKE. HARMON J. COOK, Torrington, Conn., assignor to The Torrington Company, Torrington, Conn., a Corporation of Connecticut. Filed July 6, 1922. Serial No. 573,196. 5 Claims. (Cl. 301—104.)



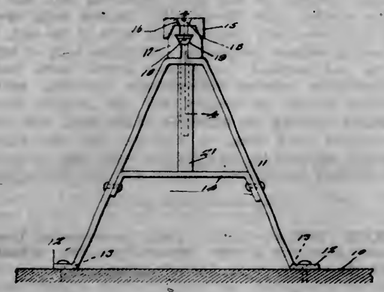
2. A wire spoke having at one end an enlarged terminal portion which is headed, a main body length, the central section of which is of relatively small and uniform diameter, said body length being gradually tapered from its juncture with said enlarged terminal portion toward the midlength.

1,578,077. PASTE-TUBE CAP. EARL C. COURNEY, Oakland, Calif. Filed June 20, 1925. Serial No. 38,533. 1 Claim. (Cl. 221—60.)



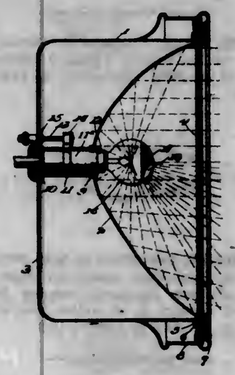
A tube cap of the character described comprising a body portion having grooved side walls and an opening formed therein, a top for the body portion having its underside recessed and its inner edge inclined to provide a cutting edge, ribs formed on the tube top and being received in the grooves whereby the body portion is slidably mounted thereon, and a washer arranged in the recess to provide a leak proof connection between the body portion and tube top when the former is arranged to closed position.

1,578,078. SCREED. GERALD F. CREAGHAN, Bangor, Me. Filed Feb. 18, 1924. Serial No. 693,708. 1 Claim. (Cl. 72—101.)



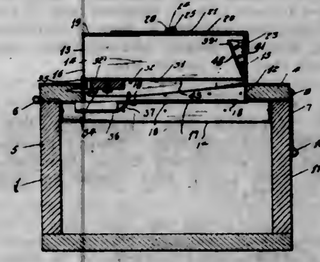
In a screed, spaced inverted substantially U-shaped supports, channel shaped beams above the supports longitudinal openings, connecting blocks mounted upon the supports, screws carried by the connecting blocks with their heads movably disposed in the longitudinal openings and the said blocks having horizontal grooves with recesses communicating with the grooves, screw members having adjustable connection with the supports, said screw members having their heads disposed within the grooves of the blocks, whereby the latter may be vertically adjusted and the connection between the channel shaped beams and the supports permitting longitudinal adjustment.

1,578,079. REFLECTOR. JOSEPH GEORGE DAVIS, Dallas, Tex., assignor of one-half to Louie L. Thalheimer, Dallas, Tex. Filed Oct. 7, 1924. Serial No. 742,188. 1 Claim. (Cl. 240—41.)



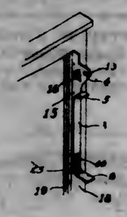
A reflector having the shape of an irregular parabola, the width of the mouth of said reflector being greatest in a plane which is located entirely below the level of the focal center of the reflector and then decreasing toward the levels of both the highest and lowest portions of the mouth of the reflector, the mouth of said reflector being wider below said plane of greatest width than above said plane and the width of the mouth of said reflector decreasing regularly and gradually from said plane of greatest width to the level of the highest part of the mouth of said reflector.

1,578,080. MOUSE AND RAT TRAP. SAMUEL DEWEY, Wolcott, Ind., assignor to James Millard, Wolcott, Ind. Filed Feb. 14, 1924. Serial No. 692,822. 1 Claim. (Cl. 43—69.)



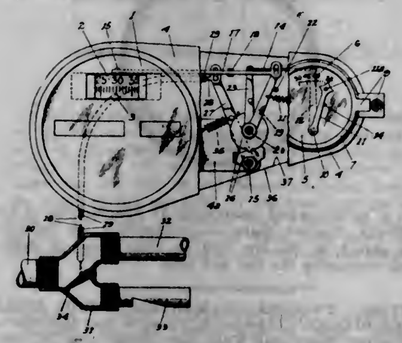
A trap comprising a body providing a captive chamber, a cover therefor having an entrance opening therethrough, a housing surrounding and set into said opening and having an entrance opening at one end, a bait holder in said housing, a tiltable platform having a weight at one end positioned within the housing, a stop pin on the cover engageable by said weight, said platform having depending flanges at the sides thereof, a removable cover for the housing to permit access to the bait holder, means to fasten the cover in bait-concealing position, and a guard member on the cover positioned below said weight and pin having its free end deflected toward the platform and disposed between said flanges and preventing escape of a captive at the weight end of the platform.

1,578,081. WINDOW-AWNING FIXTURE. FRANK D. FRAZER, Springfield, Ill. Filed Feb. 6, 1925. Serial No. 7,363. 1 Claim. (Cl. 156—44.)



In a window awning having a roller for the awning, a fixed guide bar rollable with the awning, and a frame member; a fixture comprising a bracket mounting for the roller, an integral stop member at the top end of the fixture for registering the fixture in operating position on a window, a longitudinal guide flange throughout the length of the fixture adapted to slidably guide and limit the movement of said fixed guide bar in the awning, a fixed pivot mounting for said frame member, integral with and positioned near the lower end of the fixture on the front surface thereof; said fixture provided at its lower end with two integral stop members, one for limiting the downward movement of said guide bar of the awning and the other projecting outwardly and tilting upward providing a suitable stop and support member for said frame member as described.

1,578,082. SPEED WARNING AND INDICATING DEVICE. EDWIN H. HANEY, San Bernardino, Calif. Filed Feb. 25, 1924. Serial No. 694,834. 5 Claims. (Cl. 234—29.)



2. A speed recording device for motor vehicles comprising a recording device, a speedometer having a circular and rotatable speed indicating dial, a pin fixed on and projecting from said dial, a member engageable by said pin and moved thereby with the rotation of the dial when the vehicle is moving at a speed in excess of a predetermined limit, and means controlled by the moving of said member for causing a record of the speed attained to be made by the recording device.

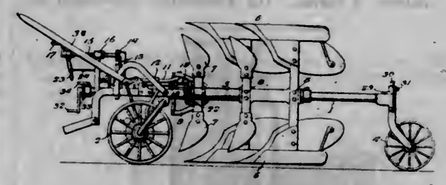
1,578,083. MEANS FOR SUPPORTING CORE BARS IN FLASKS. JAMES R. MCWANE, Birmingham, Ala. Filed Dec. 12, 1924. Serial No. 755,512. 18 Claims. (Cl. 22—184.)

1. In means for supporting a core bar in a pipe flask without the use of chaplets, outer supports bearing beneath the bar at the ends thereof, inner abutments bearing on top of the bar adjacent to and spaced from said supports, and wedges adapted to be inserted between the ends of the bar and the supports to insure close con-



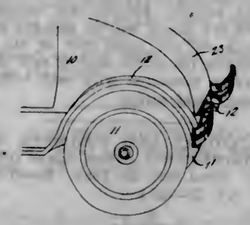
tact with the abutments and prevent any upward movement of the intermediate portion of the bar and consequent downward movement of the ends thereof.

1,578,084. REVERSIBLE PLOW. HENRY J. NEUFANG, Atlanta, N. Y. Filed Nov. 13, 1924. Serial No. 749,755. 7 Claims. (Cl. 97—26.)



1. In a reversible plow the combination of a tubular bar, a sleeve rotatably mounted thereon, and a shaft rotatable within the tubular bar, plows carried by the sleeve, a caster-wheel for the support of the rear end of the tubular bar, and separate and independent means located at the forward end of the plow for reversing the plows and for steering the caster-wheel through the medium of the shaft.

1,578,085. FENDER GUARD AND SUPPORT. ALGOT W. NORDGREN, St. Paul, Minn., assignor to Marquette Manufacturing Company, St. Paul, Minn. Filed Dec. 4, 1925. Serial No. 73,127. 9 Claims. (Cl. 293—53.)

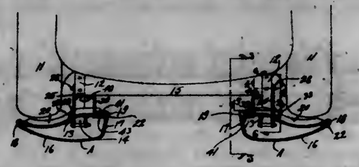


1. In a device of the class described, a fender guard support comprising a member adapted to support a fender guard, and to be secured to a vehicle frame, and a supporting element adapted to have its intermediate portion secured to a vehicle frame and its ends secured respectively to the said member and to a fender guard.

1,578,086. FENDER-GUARD STRUCTURE. ALGOT W. NORDGREN, St. Paul, Minn., assignor to Marquette Manufacturing Company, St. Paul, Minn. Filed Jan. 7, 1926. Serial No. 79,780. 7 Claims. (Cl. 293—55.)

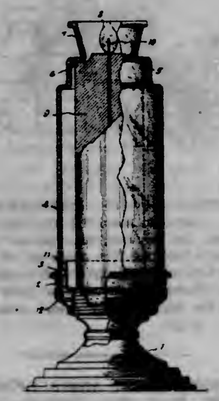
5. In a device of the class described, a bumper member, a supporting member secured thereto between the ends of the bumper member, a car frame member having a down-

wardly inclined horn at one end and comprising a channel, means for fastening said supporting member to said channel-shaped frame member, and a brace element con-



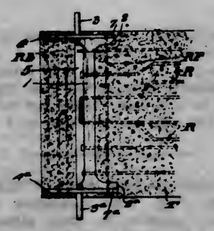
nected to the bumper and extending forwardly therefrom and fixed to the car frame at a point spaced from the supporting member.

1,578,087. SANCTUARY LAMP. ROBERT C. NORTON, Jersey City, N. J., assignor to Muench-Baumer-Kreuzer Candle Co., Inc., Syracuse, N. Y., a Corporation of New York. Filed Aug. 8, 1925. Serial No. 49,039. 3 Claims. (Cl. 67—23.)



1. A sanctuary lamp, comprising a body formed with a shoulder near the upper end and a glass chimney adjacent said shoulder, a candle arranged in the body with the upper end pressing against said shoulder so that the flame from the candle will be opposite the chimney, a spring acting on the lower end of the candle for continually holding the candle against said shoulder, and a base removably connected with said body, said base acting to support said spring.

1,578,088. MASONRY AND CONCRETE WALL AND BEAM CONSTRUCTION. JOHN JAMES O'REILLY, New York, N. Y. Filed May 22, 1923. Serial No. 640,800. 4 Claims. (Cl. 72—40.)



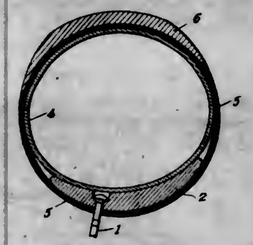
1. A building construction panel unit, comprising a frame structure, layers of reinforcing material carried thereby spaced from the inner and outer faces of the frame and from each other, concrete molded in said frame between and on the outer sides of said reinforcing members, and means on the frame for securing a unit in the building wall.

1,578,089. DEMOUNTABLE WHEEL RIM. ARTHUR FRANKLIN PARKER, EDGAR HARRY HEWITT, and SAMUEL EDWARD WATKINS, Philipsburg, Pa. Filed Nov. 25, 1924. Serial No. 752,187. 1 Claim. (Cl. 301—15.)



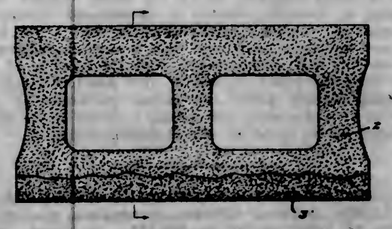
In a device of the character set forth, a split demountable wheel rim having a recess formed in one of the abutting ends thereof, a gear rack secured to the central underside of said rim longitudinally thereof and having one end rounded and extending beyond the other abutting end gear teeth formed upon said rounded end, a pinion gear pivotally mounted beneath said recessed portion and normally engaging said teeth and acting when revolved to break said rim, said pinion passing along the underside of said rack causing the rim ends to overlap, and means connected with said pinion whereby the same may be caused to revolve.

1,578,090. TIRE AND RIM. WALLACE HENRY PAULL, Birmingham, England, assignor to Dunlop Tire and Rubber Corporation of America, Buffalo, N. Y., a Corporation of New York. Filed Sept. 5, 1925. Serial No. 54,602. 5 Claims. (Cl. 152—20.)



1. A vehicle wheel comprising an annular rim of substantially crescent shape in cross-section, an inflatable tube seated on the rim and an outer cover of flexible fabric embracing the rim and tube.

1,578,091. PROCESS OF MANUFACTURING BUILDING BLOCKS. CLIFTON A. PERKINS and HERBERT A. PERKINS, Holly Oak Villa, Del. Filed Aug. 28, 1924. Serial No. 734,768. 1 Claim. (Cl. 25—155.)



The process of moulding a building block with a natural stone appearance on its front face which consists of placing a layer of a mixture of granite dust, ground mica, black slag and white cement in a mould, completing the major block formation in the mould by the addition to the layer of a relatively coarse cementitious material, removing the block from the mould while in a green condition and subjecting the outer face of the block which consists of the said layer, to a spray wash for removing from the face thereof, the coarse cementitious sediment which has penetrated through the said layer during the initial setting period, for effecting a natural stone simulation on the other face of the said layer and then completely drying the block.

1,578,092. HYDRAULIC JET-DISPERSAL NOZZLE. OWEN ALFRED PRICE, Kilmarnock, Scotland. Filed Aug. 28, 1923. Serial No. 659,807. 8 Claims. (Cl. 299—114.)



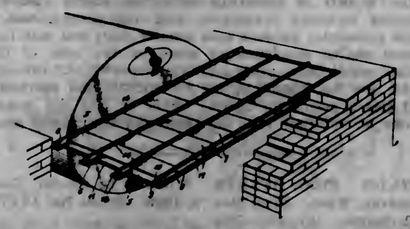
4. A jet-dispersal nozzle having in combination and coaxially a blade element having means adapted to impart a greater tangential velocity to the central liquid than to the liquid nearer the circumference, and an outlet portion adapted to form a free spiral vortex.

1,578,093. RAILWAY RAIL JOINT. MAURIE T. PRILLAMAN, Bluefield, W. Va. Filed June 4, 1925. Serial No. 34,983. 1 Claim. (Cl. 238—234.)



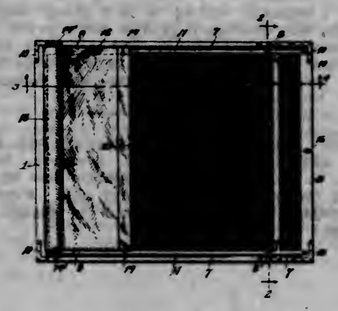
A pair of railway rails of which one is provided with an upper groove and a lower projection and the other with an upper projection and a lower groove, the projection of one rail snugly fitting in the groove of the other, the top side of one projection being located in the plane of the top sides of the rails and the bottom side of the other projection being located in the plane of the bottom sides of the rails, and bolts passing through the webs of the rails and through the projections.

1,578,094. ARCH CONSTRUCTION. GUSTAV RAU, Kansas City, Mo. Filed Mar. 18, 1925. Serial No. 16,447. 1 Claim. (Cl. 110—99.)



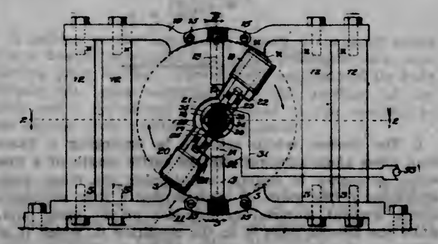
A combustion arch of the class specified, comprising metal supporting components of inverted T-form with the lower horizontal flanged bases extending equally beyond opposite sides of the vertical flanges thereof, and refractory tile components having similar end recesses of uniform depth to receive and snugly enclose the horizontal flanged bases of the supporting components and the head members of the said tile components of less length than the base portions of the same components to provide a space between contiguous ends of the heads of a width equal to the thickness of the vertical flanges of the supporting components and whereby the said supporting components are held secured and protected against burning solely by the tile components, the tile components having their upper surfaces below the upper edges of the supporting components and said upper edges of the supporting components and a minimized portion of the vertical flanges of said latter components standing above the top surfaces of the tile components and serving as a reinforcing means, the supporting components being parallel and extending continuously and full length across the arch, the tile components also shielding the base flanges of the supporting components and having interfitting ribs and grooves at the ends and sides below the grooves for the supporting components to prevent formation of crevices below the location of the bases of the supporting components.

1,578,095. SCREEN. CHRISTOPHER R. RYAN, Cuba, N. Y. Filed Oct. 3, 1925. Serial No. 60,274. 2 Claims. (Cl. 156—39.)



1. A screen of the character described, comprising two screen members movable relatively to each other, elastic tapes connecting the respective members and located adjacent the upper and lower edges of the screen, a spring roller adjacent one end of one member, a curtain wound on said roller, and guides on the shade movable on the tapes.

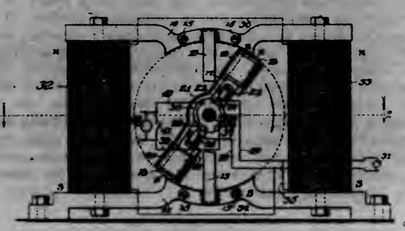
1,578,096. ELECTRIC MOTOR. HENRY K. SANDELL, Chicago, Ill. Filed Aug. 22, 1923. Serial No. 658,714. 9 Claims. (Cl. 172—36.)



1. An electric motor comprising two pole-pieces of opposite polarity, a magnet momentarily having a fixed polarity and rotatable in front of said pole-pieces, and

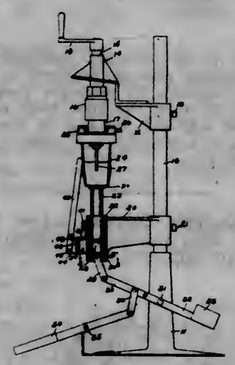
means for changing the polarity of the magnet as it passes the pole-pieces, the magnet being made up of laminated steel sections having soft centers and hardened ends.

1,578,097. DYNAMO-ELECTRIC MACHINE. HENRY K. SANDELL, Chicago, Ill. Filed June 10, 1925. Serial No. 36,151. 6 Claims. (Cl. 171—209.)



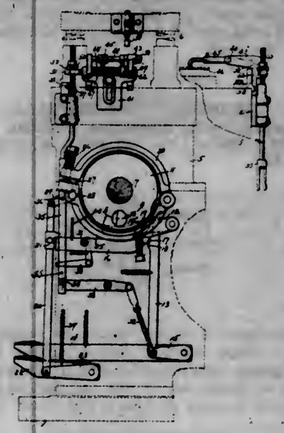
1. In a dynamo-electric machine, an armature having prongs, a separate winding on each prong, means for energizing said windings to produce motive power, means for de-energizing said windings and means for utilizing the induced current produced in said windings by the natural drop in magnetization after each energization.

1,578,098. METHOD AND APPARATUS FOR BURNING OFF GLASS. ERNEST C. SCHRADER, Morgantown, W. Va., assignor to The Libbey Glass Manufacturing Company, a Corporation of Ohio. Filed June 14, 1924. Serial No. 720,107. 12 Claims. (Cl. 49—50.)



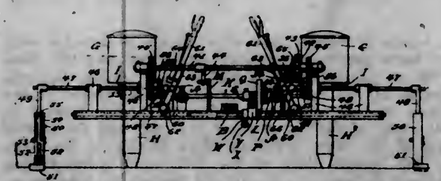
1. The process which consists in impinging a flame upon glass along substantially the entire length of a line where severance is desired, maintaining the flame until severance of the glass, at such intensity that severance occurs without material deformation of the glass, and, while the severed edge is in the condition in which it is left by said severance, playing a flame simultaneously across substantially the entire length of the severed edge at a short distance therefrom and fire-finishing the same.

1,578,099. BRAKE MECHANISM FOR CLUTCHES. CURTIS F. SHERMAN and ALVIN E. ANDREWS, Hartford, Conn., assignors to The Henry & Wright Manufacturing Company, Hartford, Conn., a Corporation of Connecticut. Filed Apr. 18, 1922. Serial No. 555,113. 12 Claims. (Cl. 192—144.)



9. A driving mechanism including a clutch, intermittent clutch actuating mechanism, a continuous clutch actuating mechanism including a stop rod, and an operative connection between said intermittent clutch actuating mechanism and said stop rod for operating the latter.

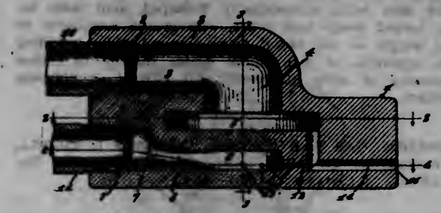
1,578,100. ATTACHMENT FOR CORN PLANTERS. JOHN E. SHOFF, Moorhead, Iowa. Filed Feb. 2, 1923. Serial No. 616,546. 1 Claim. (Cl. 111—32.)



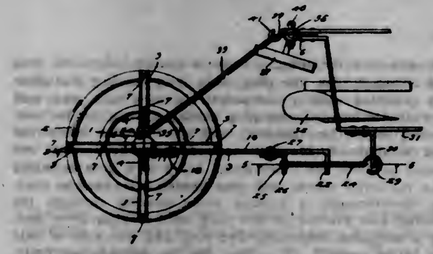
In a corn planter including a rotary axle carrying wheels supporting a frame and further including seed hoppers and dropping shoes equipped with feeding and dropping mechanism; marking means consisting of a counter-shaft driven from the rotary axle of the machine, a pair of outwardly extending shafts carrying marking members engageable with the ground, and a drive connection between said counter-shaft and said last named shafts, consisting of gears on the ends of the counter-shaft, other gears meshing therewith and through which the last named shafts are slidable and rotatable, and clutch means for locking either of said last named shafts for rotation with the associated last named gear.

1,578,101. FUEL BURNER. WILLIAM D. STACEY, Vancouver, Wash. Filed Mar. 6, 1925. Serial No. 13,577. 2 Claims. (Cl. 158—78.)

1. A hydrocarbon burner of the character set forth, comprising a body having a pair of superposed chambers formed therein, constituting oil and steam chambers, means to provide an inlet for said upper chamber entering through the top thereof, means to provide an inlet for the lower chamber entering through the side thereof, said lower chamber being materially smaller than said upper chamber and having the inlet thereto constricted, said upper chamber having a fuel discharge port leading therefrom to the exterior of said body and said lower chamber having a steam discharge port of materially less diameter than said fuel discharge port and leading therefrom and merging with said fuel port.



1,578,102. ROTARY HARROW. JOHN C. STOTS, Tolstoy, S. Dak. Filed Mar. 21, 1925. Serial No. 17,282. 4 Claims. (Cl. 55-13.)



1. In combination, a harrow, a vertical axle upon which the harrow is rotatably mounted, a beam secured at one end to the axle and provided at its other end with a guide, a bracket pivotally connected to the beam, and a clevis rod passing through the guide and swivelled to the bracket.

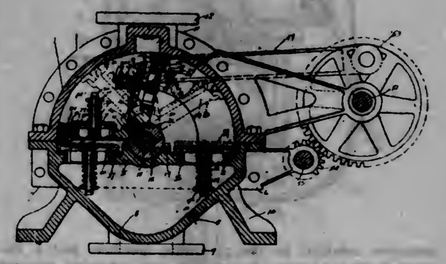
4. In combination, a harrow, a vertical axle upon which the harrow is rotatably mounted, a beam connected to the axle and provided with a clevis, a stay bar pivotally connected to the axle, and a clamp having a loose connection with the stay bar.

1,578,103. BLOCK-MOLDING MACHINE. ALBERT G. SUTTILL, Belmont, and FRANK MASSA, Cambridge, Mass., assignors of one-third to Albert Pasquali, Watertown, Mass. Filed Aug. 21, 1924. Serial No. 733,247. 10 Claims. (Cl. 25—41.)



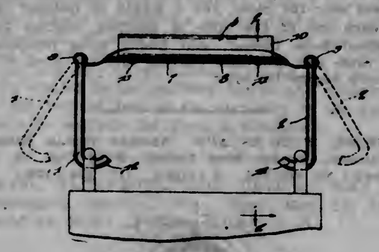
1. In a block molding machine, a frame, a mold box mounted on the frame and including a solid back plate, a partition mounted on the frame and slidable in parallel relation to said back plate, said mold box having a slot in one end for receiving said partition, and means for sliding said partition into and out of the mold box.

1,578,104. PUMP. HORACE H. TAYLOR, San Francisco, Calif., assignor of one-half to John D. Biurcone, San Francisco, Calif. Filed Feb. 24, 1925. Serial No. 11,152. 4 Claims. (Cl. 103—146.)



1. An oscillating pump comprising a semi-cylindrical pump chamber having an outlet opening on its upper side, an intake chamber around which the pump chamber is mounted, the upper wall of which intake chamber comprises a lower wall of the pump chamber, said upper wall having intake openings therein, valves controlling said openings, shafts extending into said pump chamber, a partition dividing said pump chamber into separate pumping chambers, each of which communicates with said discharge opening and with openings in said upper wall, a pair of pistons fixed to each shaft and located in each of the separate chambers, the pistons of said pairs being extended substantially at right angles to one another, openings extending through said pistons and valves controlling said openings.

1,578,105. BATTERY CARRIER. JOHN TAYLOR, Chicago, Ill., assignor to The Battery Equipment and Supply Company, Chicago, Ill., a Corporation of Illinois. Filed July 20, 1925. Serial No. 44,937. 1 Claim. (Cl. 16—114.)

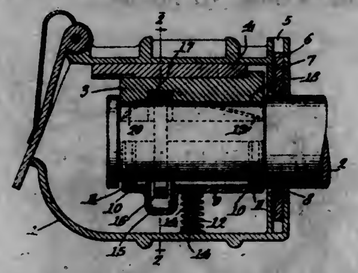


A battery carrier comprising a pair of U-shaped hooks and a handle connecting the hooks consisting of a connecting plate having a curved body portion and its ends formed into ears receiving the yoke portions of the hook and a cylindrical filler secured to and received in the curved body portion of said plate.

1,578,106. LUBRICATING DEVICE. ALVIN THORNBURGH, Manly, Iowa, assignor of one-half to Carl Henry Hass, Manly, Iowa. Filed May 6, 1925. Serial No. 28,481. 1 Claim. (Cl. 308—128.)

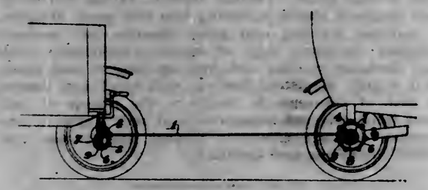
In a device of the class described, a casing, a bearing in the upper portion of the casing and provided with a concaved surface intersected by a transverse recess, a rotatable member journaled on said surface, a trough-

shaped pan in the lower portion of the casing and having a transverse oil pocket, a compression spring cooperating with the pan and the casing to hold the pan in



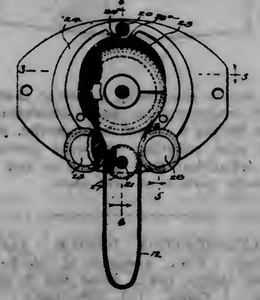
operative relation to the rotatable member, and a distributor ring running loosely on the rotatable member and extended into the pocket and into the recess.

1,578,107. TOWLINE. MATTHEW L. TIPPIT, Olney, Ill. Filed May 10, 1924. Serial No. 712,315. 2 Claims. (Cl. 280—33.14.)



1. A tow line for automobiles or the like comprising a length of cable having each end formed into a permanent loop, a hook having an eye loosely connected to each of the loops, each hook having an internal diameter greater than the diameter of the cable and provided with a restricted entrance opening capable of being freely passed over the cable, and a length of resilient tubing on each end of the cable in abutting relation to the terminal loops thereof, said tubing being rotatable on the cable and insertable endwise into the hook to frictionally engage the same.

1,578,108. FIRE ESCAPE. NEUMAN TOBIAS, Kingston, Jamaica, British West Indies. Filed Dec. 14, 1922. Serial No. 606,881. 4 Claims. (Cl. 254—156.)



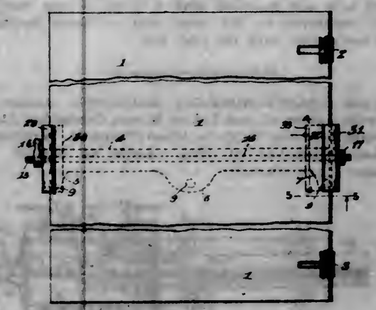
1. A suspensory apparatus adapted for the lowering of weights, including two elements comprising a cable and a cable-guiding structure one of which is adapted to be suspended from a fixed point of support and the other of which is adapted to have mounted thereon the weight to be lowered, said cable-guiding structure including a clutch device including a resilient and warpable main clutch roller, said clutch roller being slit at a plurality of points around its periphery and one of such slits being substantially T-shaped, said cable being looped about said roller, and means responsive to the weight of the object being lowered for controlling the actuation of such clutch device thereby to reduce variation of rates of descent for objects of different weights.

1,578,109. GAS VALVE COCK. NAPOLEON I. TRUDELL, Burlington, Vt. Filed Aug. 10, 1925. Serial No. 49,413. 1 Claim. (Cl. 251—164.)



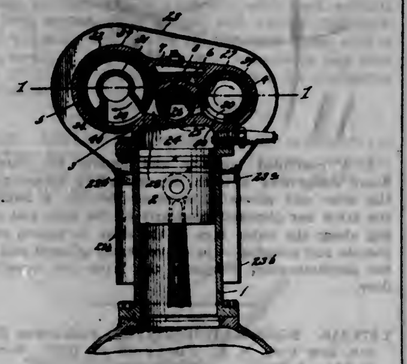
A gas cock including a body, a spring influenced plug and a handle for the plug, said body having its upper end provided with a comparatively wide slot, one wall of which is beveled, the plug having a stop pin for contacting with the opposite wall of the slot when the cock is shut off, the said end of the body having two spaced notches, the inner notch being of a greater width than the outer notch, said plug having a transverse opening therethrough, a locking lever passing through the opening and pivoted to the plug, said locking lever having a weighted depending dog end, and one side of said dog being beveled, all as and for the purpose set forth.

1,578,110. SUPPORTING DEVICE. THADDEUS F. TYLER, Haverhill, Mass. Filed June 19, 1925. Serial No. 38,383. 4 Claims. (Cl. 12—42.)



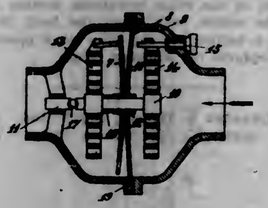
1. A supporting device for the purpose set forth comprising a heel covering carrier supporting element having means for detachably connecting the carrier therewith, and means for supporting said element at a permanent inclination and further for adjusting the element at an angle when supported at an inclination.

1,578,111. INTERNAL-COMBUSTION ENGINE. HENRY W. CHURCH, Highland Park, Mich.; Edward P. Wright administrator of said Henry W. Church, deceased. Filed Dec. 13, 1924. Serial No. 755,668. 6 Claims. (Cl. 123—190.)



1. In an internal combustion engine, the combination with a cylinder and a piston therein, said cylinder having a head, of a rotary valve carried by the head, said head being provided with a passage controlled by said valve and opening into said cylinder, and a rotary member controlling said passage intermediate said valve and cylinder.

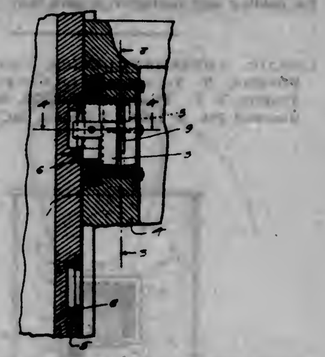
1,578,112. DEVICE FOR REGULATING TEMPERATURES. WILHELM BERNHARD ERNST, Berlin-Schoneberg, Germany. Filed Aug. 18, 1923. Serial No. 657,022. 14 Claims. (Cl. 236—98.)



1. A thermostatic device comprising a casing; a stationary, pliable seat plate arranged in said casing; a shaft in said plate; a rotary pliable disk mounted on said shaft; and a plurality of thermostatic elements for shifting said disk upon variations in temperature.

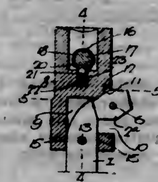
1,578,113. COMBINATION GRAVITY LATCH AND LOCK FOR DOORS, WINDOWS, AND GATES. ORLANDO M. FAN, Lamanda Park, Calif. Filed Jan. 10, 1924. Serial No. 685,482. 1 Claim. (Cl. 292—335.)

A fastening comprising a longitudinally slotted block, an L-shaped latch pivoted by one of its members within the slot of the block and having its other member weighted and extending below the slot of the block to normally operate so that its distal end portion will engage the block to hold the latch in operative position, and an L-shaped dog pivoted by one of its members and



adapted to cooperate with the latch at different locations to selectively hold the latter in locking or withdrawn position.

1,578,114. AUXILIARY HANDLE FOR WRENCHES. THOMAS J. FROLEY, Philadelphia, Pa., assignor to North Bro's M'f'g Co., Philadelphia, Pa., a Corporation of Pennsylvania. Filed Mar. 25, 1922. Serial No. 546,732. 3 Claims. (Cl. 81—177.)



1. The combination with a handle having an angularly disposed extremity provided with an inclined face, of an auxiliary handle comprising a hub provided with a socket for mounting on said handle, the wall of said socket having a side opening to accommodate the angularly disposed extremity of the handle, there being an inclined bearing carried by the auxiliary handle and cooperating with the inclined face of the extremity of the handle whereby to maintain the parts in alignment.

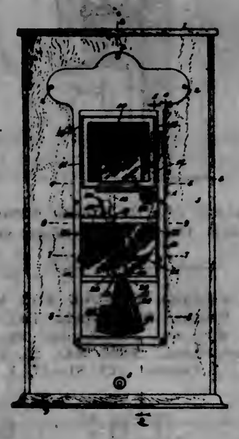
1,578,115. SAFE-PROTECTING DEVICE. JOHN M. FITZGERALD, Madison, Wis. Filed May 12, 1925. Serial No. 29,808. 4 Claims. (Cl. 109—6.)



1. A device of the character set forth comprising, a shield in the form of an elongated casing open throughout one side and having the free side edges thereof recessed,

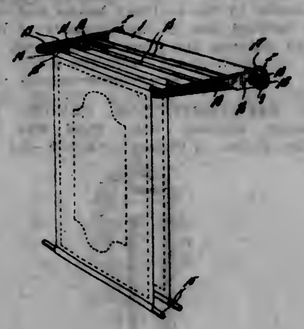
means for retaining the open face of said casing against a supporting wall, a semi-circular supporting body secured in said casing, a frangible container, and means for holding said container in said body.

1,578,116. AMUSEMENT DEVICE. CHARLES FLEISCHER, Brooklyn, N. Y., assignor to George W. G. Boyce, Yonkers, N. Y. Filed Feb. 19, 1925, Serial No. 10,393. Renewed Feb. 9, 1926. 7 Claims. (Cl. 194—59.)



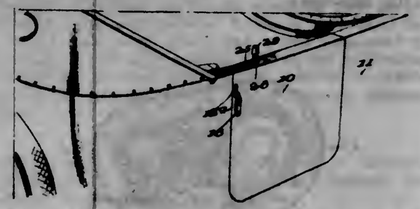
1. An amusement device including a movable door adapted to close a compartment, a latch holding said door in closed position, and a coin balancing and manually operated manipulating member adapted to move a coin into position to release the latch.

1,578,117. CURTAIN STRETCHER. GEORGE J. GARNING, San Antonio, Tex. Filed July 17, 1925. Serial No. 44,205. 4 Claims. (Cl. 45—24.)



1. A curtain stretcher comprising a container having removable container heads and curtain supporting arms carried by the heads, and disposable laterally of the container in parallelism, and means at the ends of the container for passing through the arms when removed from the container and disposed laterally of the ends of the container or through the heads when the arms are arranged within the container.

1,578,118. COMBINED FASTENER AND HANDLE FOR AUTOMOBILE DOORS. PALEMON H. GASKINS, Jacksonville, Fla. Filed July 26, 1923, Serial No. 654,013. Renewed Feb. 8, 1926. 3 Claims. (Cl. 292—126.)



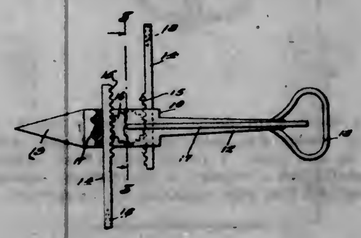
1. A combined fastener and handle for automobile doors comprising a latch bar extending transversely of the door and pivotally mounted thereon, a handle for the latch bar disposed exteriorly of the door and extending along the outer face of the door in spaced relation thereto and adapted to be conveniently gripped and pulled for simultaneously releasing the latch and opening the door.

1,578,119. BOOK-MATCH COVER. ALEXANDER B. HARRIS, New York, N. Y. Filed June 18, 1925. Serial No. 36,874. 5 Claims. (Cl. 206—29.)



1. A book match package, including a match pack and a body therefor to which said match pack is attached, said body including a plurality of hingedly connected sections, one of which is centrally foldable between the ends of the remaining sections to dispose said remaining sections in substantially parallel relation, the match pack being mounted on the outer face of one of said remaining sections, and a side flat hingedly connected to the side edge of the other remaining section to form a cover for the match pack when the body is collapsed and to form a bottom for the body when opened to constitute a receptacle for smoking refuse.

1,578,120. CHARLES E. HARRIS, Brazil, Ind. Filed July 19, 1924. Serial No. 727,017. 1 Claim. (Cl. 294—16.)



A tool comprising an elongated body having an opening extending transversely therethrough, a handle extending from one end of and rigid with the body, a gear mounted for rotation within the opening, oppositely disposed toothed bars engaging the gear and extending from the opening, gripping means at the outer ends of the bars and a handle rigid with and extending from the gear in the direction of the body handle.

1,578,121. PROCESS FOR MAKING RUBBER SUBSTANCE. MATTHIAS M. HAW, Brooklyn, N. Y. Filed Feb. 21, 1922. Serial No. 538,378. 2 Claims. (Cl. 106—23.)

1. The herein described process of producing a rubber substance, which consists in first very slowly mixing a quantity of rubber with a quantity of pulverized hard stone and continuing such operation until each particle of the hard stone is fully covered with rubber, then cooling the mixture, then mixing the resultant mass with a further quantity of one of the said ingredients and then mixing the resultant mass with materials for furthering vulcanization.

1,578,122. JELLIFYING PRODUCT AND METHOD OF MAKING SAME. MABEL WATSON HIGGINS, Scarsdale, N. Y. Filed Sept. 10, 1925. Serial No. 55,569. 2 Claims. (Cl. 99—11.)



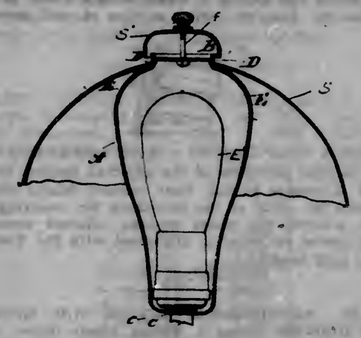
2. As a new article of manufacture, a container and a plurality of separate independent layers of jelly disposed therein and adapted when poured out of the container to separate into independent portions.

1,578,123. ADJUSTING DEVICE. STEPHEN HENRY HINMANT, Lemon City, Fla. Filed Dec. 21, 1925. Serial No. 76,721. 1 Claim. (Cl. 292—263.)



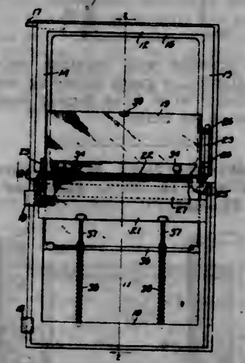
An adjusting device for the purpose set forth comprising a retaining member adapted to be secured to a window sill, a coupling member adapted to be fixedly connected to a casement window, a connecting rod attached to said member and having its rear end provided with a bifurcated head piece, a shifting rod extending through said retaining member and having its forward end pivotally connected to said head piece, and a handle member secured to the rear end of the shifting rod and provided with means coacting with said retaining member for detachably locking the casement window in open position, said shifting rod having an angularly disposed rear terminal portion to which the handle is connected.

1,578,124. HARP OR LAMP-SHADE HOLDER. BERNARD HOLZ, Cleveland, Ohio, assignor to The Frankelite Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 29, 1924. Serial No. 716,633. 2 Claims. (Cl. 240—148.)



1. In a shade holder a harp shaped flat metal stamping, having a flat upper end provided with an opening for receiving a binding screw, the extremities of said flat portion on either side of said opening terminating in inwardly curved arcs forming bearing surfaces for the upper edge of said shade, the sides of said harp extending thence outwardly and downwardly and terminating in flattened overlapping and registering eyes.

1,578,125. DOOR FOR AUTOMOBILES HAVING DEMOUNTABLE TOPS. MATTHEW R. HULL, Connersville, Ind., assignor to Rex Manufacturing Company, Connersville, Ind., a Corporation of Indiana. Filed Oct. 9, 1922. Serial No. 593,899. 4 Claims. (Cl. 296—48.)



4. In an automobile, a permanent lower door section, a demountable upper door section pivotally connected to the upper edge of the lower section, means inclining the upper section resiliently toward the body of the automobile, and a sheet metal apron masking the joint between the section, said apron also concealing said first-named means, substantially as set forth.

1,578,126. CRIBBING. DAVID A. HULTGREN, Chicago, Ill., and CLARENCE TAYLOR, East Orange, N. J., assignors to Massey Concrete Products Corporation, Chicago, Ill., a Corporation of Virginia. Filed Feb. 28, 1924. Serial No. 694,489. 3 Claims. (Cl. 61—47.)

1. A retaining wall constructed of self-supporting cribbing comprising a plurality of headers arranged in super-

posed spaced courses, a course of stretchers positioned between one course of headers and the next, each of said headers having T-shaped extremities arranged with the T-flanges disposed in a substantially vertical plane, each of said stretchers having a flat bottom surface across its entire width and having a single closure flange projecting upwardly from the upper surface of said stretcher,



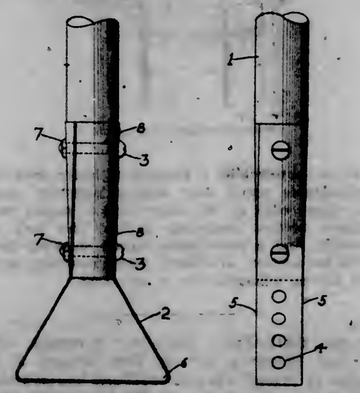
said closure flange being of a depth substantially equal to the vertical thickness of the adjacent header, and all of said stretchers having their closure flanges notched back from the ends of the stretchers for receiving said headers whereby the joints between adjacent stretchers of each course all occur in alignment with the T-shaped ends of said headers.

1,578,127. VENTILATING DEVICE FOR MITTENS AND GLOVES. JOHN J. HYNES, Maple Grove, Nebr., assignor to Charles M. Daly, O'Neill, Nebr. Filed Apr. 6, 1923. Serial No. 630,290. 2 Claims. (Cl. 2—158.)



1. A mitten provided with openings near the wrist portion for ventilation, a guard extending over the openings and an elastic wrist band formed integrally with the body portion of the mitten.

1,578,128. WEEDER. JOHN E. JACOBSON, Olympia, Wash. Filed Sept. 18, 1925. Serial No. 57,221. 1 Claim. (Cl. 97—63.)



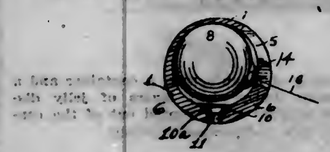
A weeder comprising a handle of circular cross section, a blade of uniform width and of thin bendable steel provided with spaced apertures throughout its length and having both edges thereof sharpened, said blade being bent into the shape of a triangle and having two free ends at one of the angles of said triangle which partially embrace said handle and are releasably secured thereto by means of bolts and nuts.

1,578,129. SPRAYING DEVICE. JOHN E. JACOBSON, Olympia, Wash. Filed Oct. 10, 1925. Serial No. 61,714. 7 Claims. (Cl. 299—92.)



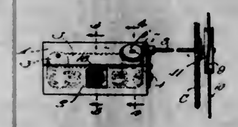
4. In a device of the class described, a cylindrical tank having an inlet, an annular compressible receptacle within said tank having an outlet extending through said tank and means engageable with a rod whereby said tank may be wheeled wherever desired.

1,578,130. FLOAT VALVE. CLARENCE B. JOHNSON, Norfolk, Va. Filed Jan. 31, 1925. Serial No. 6,054. 4 Claims. (Cl. 137—104.)



1. In a float valve in combination with a casing having an eccentric bore, a rolling ball valve having a projection thereon adapted to have a movement in said eccentric bore for regulating the supply of water.

1,578,131. AUTOMATIC FLOOR INDICATOR FOR PASSENGER ELEVATORS. JOHN F. JONES, Chicago, Ill. Filed Feb. 20, 1924. Serial No. 694,091. 1 Claim. (Cl. 116—122.)



A floor indicator comprising a casing having a view opening and adapted to be carried by an elevator car, a belt in said casing having floor numbers adapted to be successively presented at said view opening, rollers in said casing mounting said belt, a shaft connected operatively with at least one of said rollers, a wheel on said shaft at the exterior of the casing, and a cable adapted to be passed around said wheel, said cable being of a length to extend substantially throughout the length of an elevator shaft and the ends of said cable being adapted for anchorage at the ends of the shaft.

1,578,132. HAM BOILER AND THE LIKE. JOHN KAEFER Jr., Cincinnati, Ohio, assignor to Aluminum Foundry Company, Cincinnati, Ohio, a Corporation of Ohio. Filed July 16, 1924. Serial No. 726,305. 1 Claim. (Cl. 100—57.)

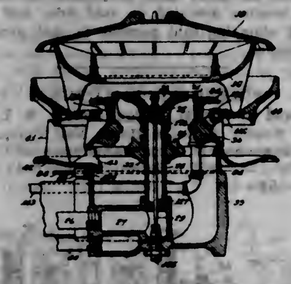
In a cooker including a receptacle, a lid movable to and from compressive engagement with a content, and resilient means adjustably coengageable between lid and receptacle to hold the lid yieldingly engaged, including

a slidable member on the receptacle and a spring opposing its upward movement; the combination therewith of an extension at the lower part of the slidable member



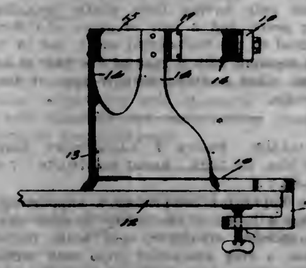
projecting below the bottom of the receptacle when the parts are in disengaged position, movable equally with said slidable member beside the receptacle, and adapted to engage a support under the receptacle.

1,578,133. BURNER. ACHILLE KAIS, Highland Park, Mich. Filed June 22, 1923. Serial No. 647,113. 2 Claims. (Cl. 158—77.)



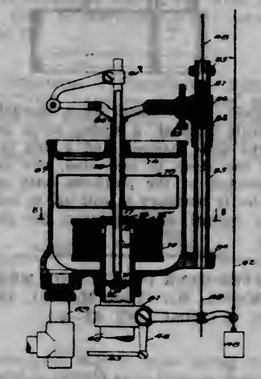
2. In a burner, a fuel mixing fan, means to deliver liquid fuel against the fan, and means to direct a current of air against the fan to revolve the same and to mix with said fuel, first mentioned means including an element adjacent to the fan between which element and the fan the fuel passes, means forming a passage for the air to the fan outside of said element; in combination with a shaft guard ring outward of the said fan and said element; and a flame spreading ring above and of larger radius than the draft guard ring; and a fire butt ring outside of the draft guard ring below said spreader ring.

1,578,134. FRUIT-JAR VISE. WILLIAM FREDERICK KAISER, Archer, Iowa. Filed Apr. 30, 1924. Serial No. 710,087. 1 Claim. (Cl. 81—3.3.)



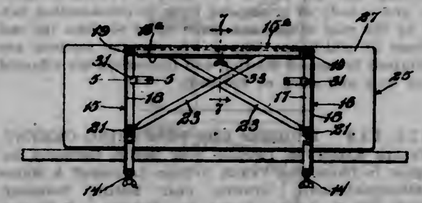
A device of the character described comprising a base, a curved wall rising therefrom, and cut away to provide a plurality of spaced parallel fingers, a clamping band including a fixed section supported by said fingers, and a movable section hingedly connected with one end of the fixed section, cooperating means carried by the free ends of the respective sections for holding the latter in clamping relation, a segmental shaped member corresponding to the curvature of said band, and hooks projecting from one edge of the member and adapted to engage the upper edge of the band, whereby said member is suspended from said band and supported thereon to vary the diameter of the band for the purpose specified.

1,578,135. BURNER. ACHILLE KAISERMAN and ALBERT ZAUGG, Highland Park, Mich.; said Zaugg assignor to said Kaiserman. Filed July 1, 1922. Serial No. 572,184. 2 Claims. (Cl. 158—36.)



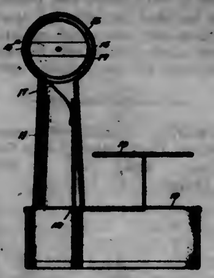
1. In a burner of the class described, a fuel reservoir, an inlet pipe leading into the bottom of said reservoir, a valve controlling the discharge of fuel from said inlet pipe, a vertical spindle carrying said valve and extending above said reservoir, a float in said reservoir, a fuel delivery means, and means connected with said spindle and operative by said float to move the spindle for opening or closing said valve; together with means to conduct air to the discharge of said fuel delivery means, means to regulate the discharge of the air, and means to operate said air regulating means simultaneously with the movements of said spindle.

1,578,136. LUGGAGE CARRIER. MURRAY ALBERT KANE, Johnstown, Pa. Filed Nov. 22, 1924. Serial No. 751,679. 6 Claims. (Cl. 224—29.)



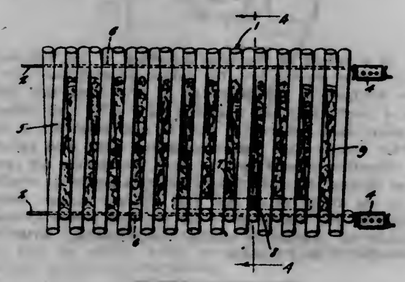
4. A combined luggage carrier and table comprising two vertical supports adapted to be secured to the running board of an automobile, a horizontal support pivotally secured to each vertical support and movable from a first position paralleling the running board to a second position substantially at right angles to the running board, a flat member adapted to lie across the horizontal supports in the second position to form a table and in the first named position to abut the vertical supports to form the side of a luggage carrier and means for securing said flat member to the horizontal supports in the second position and to the vertical supports in the first position.

1,578,137. TOY SCALE. JOSEPH KAPLAN, Newport, R. I. Filed June 5, 1925. Serial No. 35,135. 3 Claims. (Cl. 46—37.)



1. A toy scale, which comprises a movable platform, a rotatable scale element, a spring strap connected at one end to the scale element, and a link to which the other end of the strap is connected, the other end of the link connected to the platform, said spring strap adapted, due to its tendency to coil up, to hold the scale element in a normal position when the platform has been released.

1,578,138. RIVER-BANK PROTECTION MEANS. ISAAC R. KIRK, Weston, Mo. Filed Mar. 21, 1924. Serial No. 700,890. 5 Claims. (Cl. 61—4.)



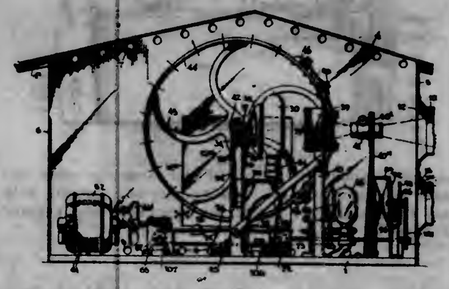
1. Means for protecting the bank of a stream against currents, comprising three cables adapted to be anchored at one end of each to the bank of stream and to extend outwardly into the stream and in a down stream direction, and a body of triangular form in cross-section carried by the said cables and made up of sections the end portions of which are lapped whereby the sections are maintained in spaced relation and interatices are afforded in the body and sides of the body.

1,578,139. PROCESS FOR PREPARING CEMENT. WALTER KIECHNER, Grunau, near Berlin, Germany, assignor to Chemische Fabrik Grünau Landshoff & Meyer Aktiengesellschaft, Grunau, near Berlin, Germany. Filed Feb. 1, 1924. Serial No. 690,088. 3 Claims. (Cl. 106—27.)

3. The process of producing cement mortar, which consists in stirring the mortar with water containing a solution of protalbinic and lysalbinic acids.

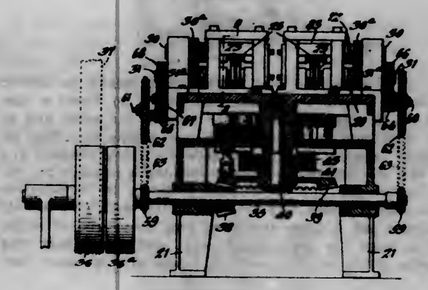
1,578,140. PROJECTING APPARATUS. ALPHEUS L. KISER, Knoxville, Tenn. Filed Sept. 24, 1924. Serial No. 739,504. 12 Claims. (Cl. 88—27.)

1. A projecting apparatus comprising a carrier including a rim, a series of spaced slide abutments disposed throughout said rim, a pair of apertured lugs extended from one side of each of said abutments and adapted to be secured to the rim, an abutment member overlapping the rim and formed integral with the said side of each of said abutments, a holding arm extended from the other side of each of said slide abutments, said arm



rabbeted on its inner face to provide a seat, a slide clamping member mounted on said arm, and means for detachably clamping said member to said arm to secure a slide thereto.

1,578,141. WIRE-SHAPING MACHINE. GUSTAV W. LANGE and GUSTAV M. LANGE, Buffalo, N. Y., assignors to The Fowler & Union Horse Nail Company, Tonawanda Township, N. Y., a Corporation of Connecticut. Filed Feb. 28, 1922. Serial No. 539,841. 2 Claims. (Cl. 80—54.)

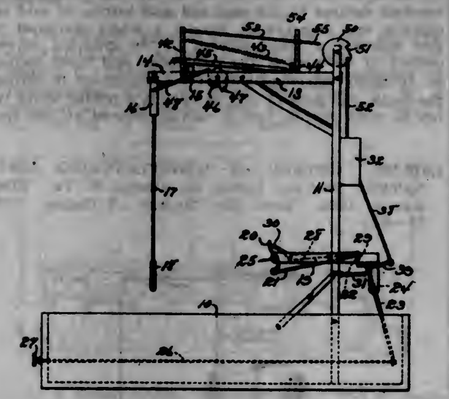


1. In a wire shaping machine, the combination of a rotary shaft having driving means, two pairs of die-rolls arranged on opposite sides of said shaft, the die-rolls of each pair having their shafts provided with intermeshing gears, and a pair of gears of different diameters secured to the first-named shaft, one of the last named gears meshing with a gear of one pair of said die-rolls and the other meshing with a gear of the other pair of die-rolls.

1,578,142. GAME. FRANK J. LASKOWSKI, Bethlehem, Pa. Filed Nov. 23, 1925. Serial No. 70,970. 7 Claims. (Cl. 273—99.)

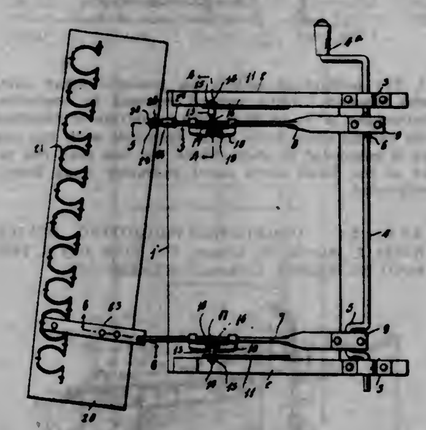
7. A game apparatus comprising a supporting structure including a beam, a stationary member projecting from the supporting structure, said beam including a hinged section, a ring suspended from said section and adapted to be thrown in the direction of the stationary member to encircle the latter, means for releasing the ring from said member and including a manually operable control element, a register, means for operating said register from the control element incident to the release of the ring from said stationary member, ring

actuated means for normally holding said control element immovable, means for automatically tilting the pivoted section of said beam at predetermined intervals to



arrange the ring in an inactive position, said ring being adapted to be manually lowered to its active position for further use, and means operated incident to the lowering of said ring for resetting said register.

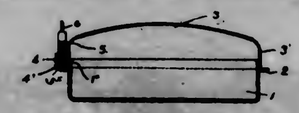
1,578,143. TEST-BOTTLE-SHAKING MACHINE. ELBERT L. LEARD, Boyd, Oreg. Filed Mar. 5, 1925. Serial No. 13,169. 10 Claims. (Cl. 259—56.)



8. A test bottle shaking machine comprising a carrier, carrier supporting elements, means rockably and reciprocably supporting said elements, and means for rocking said elements and reciprocating them in opposite directions simultaneously.

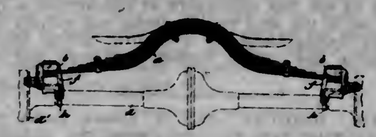
1,578,144. CONTAINER-OPENING DEVICE. JOHN LEE and CHARLES PEARSON, Ingersoll, Ontario, Canada. Filed Dec. 27, 1924. Serial No. 758,470. 2 Claims. (Cl. 220—43.)

1. In an air-tight container, the combination with the container body provided with an annular lip, of a lid fitting around the upper edge of the container body against the aforesaid lip, a projection extending radially from the lid having a threaded orifice therein, and a threaded stem fitting within the orifice and engaging the thread thereof and bearing at its lower end against the lip, the thread being of such a pitch as to produce turning movement within the aforesaid orifice when pressure is exerted against the lower end of the stem,



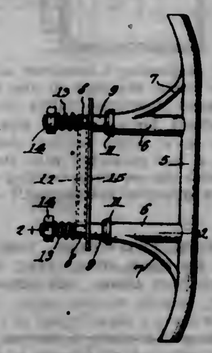
whereby the stem is forced back to its normal position, and means at the upper end of the stem for manually turning the same to carry the stem downward against the aforesaid lip.

1,578,145. CUSHION CONNECTION FOR VEHICLE CONSTRUCTION. AUGUST H. LEIPERT, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 5, 1924. Serial No. 736,021. 8 Claims. (Cl. 267—20.)



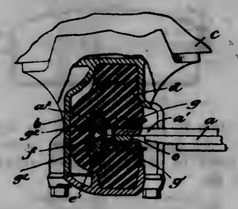
1. In combination with a cross spring in substantial parallelism with a vehicle axle, cushion connections interposed operatively between the ends of the spring and the axle and including housings engaged with the axle, and means substantially parallel to the axle engaging the housing and holding it against displacement, independent means embracing the axle and engaged with the housing to clamp it in place.

1,578,146. BUMPER. PERCY T. LENOIR, Hattiesburg, Miss. Filed June 16, 1925. Serial No. 37,499. 5 Claims. (Cl. 293—55.)



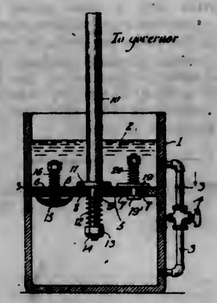
1. A bumper including a main bar, rods extending from the bumper and secured thereto, said rods having threaded inner ends, tubular members secured to the main bar and through which the rods operate, sleeves through which the rods operate, supporting members having openings through which the rods move, coiled springs disposed on opposite sides of the supporting members for restricting movement of the main bar and rods connected therewith, and means for adjusting the tensions of the springs.

1,578,147. CUSHION CONNECTION FOR VEHICLE CONSTRUCTION. FRED L. LIPCOT, New York, N. Y., assignor to The Rubber Shock Insulator Company, Inc., New York, N. Y., a Corporation of Delaware. Filed Mar. 27, 1924. Serial No. 702,185. 2 Claims. (Cl. 267—30.)



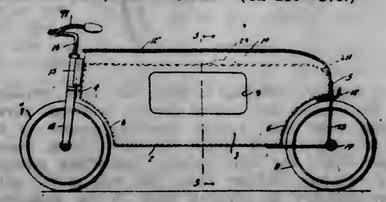
1. In combination with a leaf spring and a cushion connection of the character described, a spring leaf extending into the cushion connection and bent upwardly at substantially a right angle at its end and in force transmitting relation to the cushion connection, a spacer element carried on the underside of the spring leaf and having its end bent downwardly at substantially a right angle and in line with the said spring end whereby driving and braking forces are transmitted directly between the spring and cushion connection through said bent ends.

1,578,148. DASHPOT. OLOV G. LISSEN, Jersey City, N. J. Filed July 30, 1925. Serial No. 47,119. 4 Claims. (Cl. 188—96.)



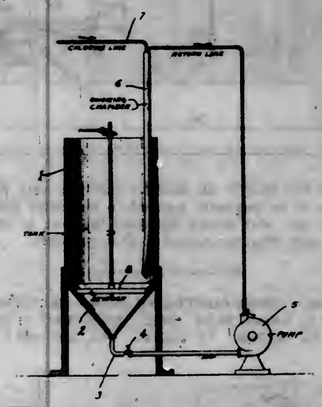
1. A dash pot, comprising a container adapted to contain a liquid, a piston arranged in the container and formed with several apertures, valves members facing in opposite directions for controlling said apertures so that there will be a relief as the piston moves in either direction, a rod connected with the piston, and means coacting with the rod for permitting a quick action of the rod in one direction independently of the piston.

1,578,149. CHILD'S TWO-WHEEL VEHICLE. JOHN S. LOCKWOOD, Cleveland, Ohio. Filed Oct. 30, 1923. Serial No. 671,712. 1 Claim. (Cl. 280—875.)



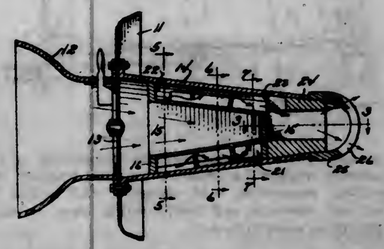
A vehicle of the character specified comprising a receptacle having openings in its side walls for access to its interior and having the lower portions of the front and rear ends inwardly curved, a bracket secured to the front of the receptacle, a steering post carried by said bracket and having it lower end forked, a steering wheel journaled in said forked end of the steering post, angular brackets secured to the rear end and bottom of said receptacle and transversely spaced, a wheel journaled in said brackets, a brake secured to the inwardly curved portion at the rear of the receptacle, said brake having an upwardly extending portion for engagment in setting the brake, the sides of said receptacle extended above its top to form guards, and a cushion secured on the top.

1,578,150. METHOD OF MANUFACTURING ARSENATES. DOMINGO LOPEZ, St. Albans, W. Va. Filed May 2, 1924. Serial No. 710,608. 3 Claims. (Cl. 23—53.)



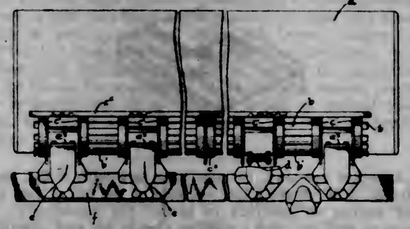
1. The method of making an insoluble alkali earth metal arsenate, which method consists in contacting chlorine gas as an oxidizer with a mixture of arsenious oxide and an alkali earth metal hydroxide while the mixture is suspended in warm water, not less than five per cent of the alkali earth metal hydroxide being freshly precipitated.

1,578,151. COMBUSTION-PROMOTING DEVICE. HENRY J. MARSH, St. Albans, Vt. Filed July 6, 1925. Serial No. 41,781. 1 Claim. (Cl. 110—175.)



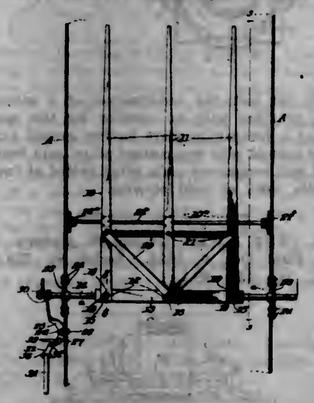
A device for supplying air to a fuel burning apparatus, comprising an outer member extending into the apparatus, a hollow inner member having ribs on its exterior for dividing the space between the two members into a plurality of longitudinally extending chambers, the inner member having a port in its inner end for connecting its interior with one chamber and parts of the ribs being omitted to form ports which connect the outer ends of the first and second chambers together and the inner ends of the second chamber with the third chamber and the outer ends of the third and fourth chambers together, the inner end of the fourth chamber communicating with the inner end of the outer member, a slotted cap on the inner end of the outer member and baffle plates in the chambers.

1,578,152. CUSHIONED SUPPORT FOR THE BODIES OF VEHICLES. ALFRED F. MAGURY, New York, and GEORGE O. HAWSHAW, Brooklyn, N. Y., assignors to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed June 18, 1924. Serial No. 720,751. 3 Claims. (Cl. 280—106.5.)



1. In a motor vehicle, the combination with a frame carried with a running gear and a tank, of a plurality of saddles bearing the tank and disposed at opposite ends thereof respectively, resilient elements engaged with said saddles at their mid points and extending outwardly transversely thereof, a plurality of housings carried with the vehicle frame and having an open side into which said arms extend respectively, and blocks of yielding non-metallic material retained within the housings.

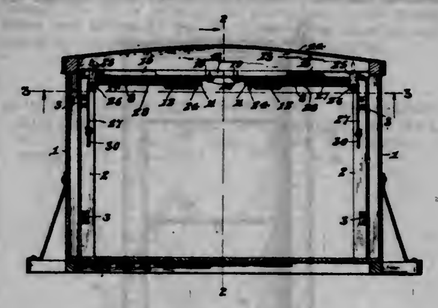
1,578,153. SIEVE CLEANER. JOHN MRAZ and JULIUS STEDEL, Bashaw, Alberta, Canada. Filed July 11, 1924. Serial No. 725,448. 1 Claim. (Cl. 209—287.)



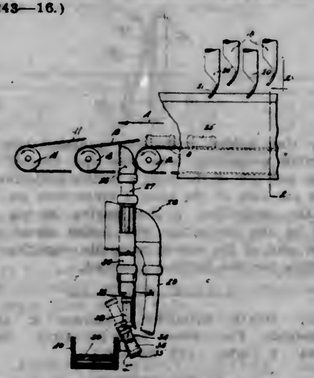
In combination with a separator or the like provided with hand holes through its frame and a sieve within the frame; plates covering said holes and detachably connected to the frame, a reciprocatory rod supported by said plates, a cleaner for the sieve, said cleaner being located within the frame and detachably secured to the rod, a rest rod for the cleaner within and fastened to the frame in spaced relation to the reciprocatory rod, and means to operate the reciprocatory rod.

1,578,154. HOLDING DEVICE. JOSEPH A. MCGRATH, Brooklyn, N. Y. Filed Nov. 18, 1925. Serial No. 69,911. 1 Claim. (Cl. 292—262.)

A holding device for the purpose set forth, comprising a curved, shiftable holding rod adapted to have its outer end anchored to the element with which the device is associated, a yoke-shaped bracket associated with said rod and having one of its arms engaging in the inner terminal of the rod when the latter is shifted outwardly thereby maintaining the rod in extended position for holding said element in set position, a pivoted L-shaped releasing member positioned when moving in one direction on its pivot to have one of its arms engage said rod to release the same to permit of the rod swinging inwardly from holding position, thereby releasing said element, and means connected to said member for shifting it to release said rod.



1,578,155. DISTRIBUTING APPARATUS FOR CONVEYER SYSTEMS. JAMES G. MACLAREN, Syracuse, N. Y., assignor, by mesne assignments, to The Lamson Company, a Corporation of Massachusetts. Original application filed Mar. 26, 1920, Serial No. 369,084. Renewed Mar. 9, 1925. Divided and this application filed Mar. 11, 1925. Serial No. 14,693. 17 Claims. (Cl. 243—16.)

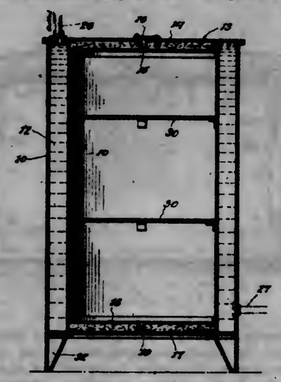


10. A conveyer system comprising a plurality of parallel belt conveyers disposed at different levels in stepped arrangement, means for feeding articles to said conveyer, excess articles spilling from upper conveyers to those at lower levels, a receiving hopper at the end of each conveyer, a guide leading from the hopper, and a receiver at the end of the guide in which articles may come to rest.

1,578,156. REFRIGERATOR. MARK H. MILLER, Claremont, S. Dak. Filed May 25, 1922. Serial No. 563,654. 1 Claim. (Cl. 257—21.)

A cooler comprising a cabinet having a food compartment provided with inner and outer walls disposed in spaced relation to provide a compartment between the walls adapted to receive a cooling medium, a top closing the upper end of said food compartment and having a

marginal portion secured to the upper ends of said inner and outer walls and closing the upper end of the space between the inner and outer walls, a bottom for said food compartment closing the lower end thereof and secured to the lower end of the inner wall and having a marginal portion extending across the space between the



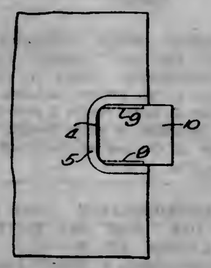
inner and outer walls and secured to the outer wall, and supporting legs extending downwardly from said outer wall and having portions extending upwardly and inwardly from their lower ends and engaging said bottom beneath the inner wall and adapted to support the bottom and inner wall.

1,578,157. KEY-HOLDING ATTACHMENT FOR BELTS. ROBERT F. MILLER, Fitzpatrick, W. Va. Filed June 17, 1925. Serial No. 37,810. 1 Claim. (Cl. 24—8.)



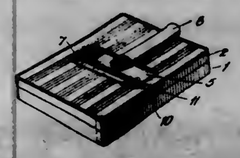
A key ring holder comprising a closed loop, a hook like portion projecting from one end thereof, and arranged at one side of the loop, a hollow projection extending from one side of the loop, a transverse pin arranged within the projection, a leaf spring having one end received by the projection and folded about said pin, the other end of the spring normally engaging the hook like portion for the purpose specified.

1,578,158. DOOR BUMPER. ERNEST R. MITCHELL, Philadelphia, Pa. Filed Apr. 27, 1923. Serial No. 635,064. 1 Claim. (Cl. 16—86.)



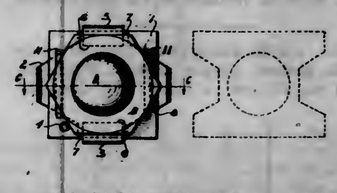
The combination in a door bumper, of a recessed metallic supporting structure shaped to receive a bumper block of yielding material and having opposed longitudinal ribs projecting into the recess some distance from the outer sides of the structure; and a bumper block of yielding material mounted in the recess and having independently formed grooves in opposite faces thereof to receive the ribs, said bumper block extending beyond one side and one end of the structure.

1,578,159. POCKET ASH TRAY. JAMES V. MONACO, New York, N. Y. Filed July 25, 1922, Serial No. 577,341. Renewed Nov. 28, 1925. 1 Claim. (Cl. 206—37.)



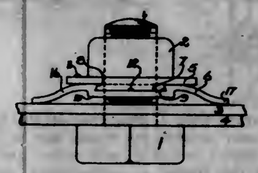
A pocket ash-tray, comprising a box with a flat base-portion, a lid hinged along one side of the top of said box and having an aperture to permit the introduction of ashes to said box, and a slidable closure for said aperture, said closure having operating means projecting beyond said lid at one side.

1,578,160. NUT LOCK. GEORGE E. MONROE, Detroit, Mich. Filed Feb. 18, 1924. Serial No. 693,696. 13 Claims. (Cl. 151—8.)



1. In a nut lock the combination of a substantially flat plate provided with an opening for the passage of a bolt, and a companion plate having curved extensions projecting beyond said first named plate, said first named plate and said companion plate being united at two points on opposite sides of said opening.

1,578,161. NUT LOCK. GEORGE E. MONROE, Detroit, Mich. Filed Dec. 6, 1924. Serial No. 754,297. 3 Claims. (Cl. 151—38.)



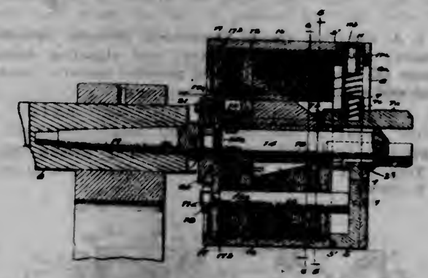
1. A nut lock of the character described comprising a top plate having a hole therethrough and adapted to form a flat bearing surface for the underside of a nut, a projection adapted to prevent accidental rotation of a nut thereon, and a hole therethrough for the passage of a bolt, in combination with a companion plate having a hole registering with said first named hole, resilient extensions adapted to exert upward pressure against the underside of the top plate, said plates being held in engagement one with the other by means of a projection on the underside of the top plate which cooperates with a groove in the top of the companion plate.

1,578,162. ASPARAGUS HARVESTER. CARL MONTAN, Vail, Ariz. Filed Feb. 28, 1924. Serial No. 695,788. 4 Claims. (Cl. 55—66.)



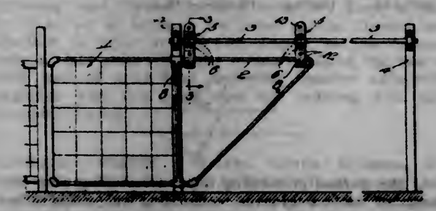
1. An asparagus harvester comprising a wheel mounted frame, a trip member pivoted thereon, a blade and blade carrying means mounted upon the frame, means for moving the blade carrying means, means operatively connected with the trip member for causing the operation of the means for moving the blade carrying means, means for returning the blade carrying means to normal position, and stem grippers carried by the blade carrying means.

1,578,163. WORK-CENTERING DEVICE. AUGUST A. MUEHLEIB, Allentown, Pa. Filed Mar. 22, 1924. Serial No. 701,078. 11 Claims. (Cl. 82—40.)



1. A tool of the class described including a base member having a medial opening and radial slideways communicating with said opening, work-engaging jaws slidably mounted in said slideways and having beveled work supporting surfaces at their forward ends whereby the work can center itself thereon, means for yieldably urging said work engaging jaws toward said medial opening, a member, carried by a plate within the circumferential opening of a sleeve, having cammed surfaces cooperating with the rear portion of said work engaging jaws for moving the same from said medial opening, a sleeve carried by said base member for moving said plate toward and from said work engaging jaws, and means for locking said work engaging jaws in a predetermined position.

1,578,164. SLIDING-GATE HANGER. BERNARD MULHOLLAND, Jackson, Mich. Filed Feb. 19, 1925. Serial No. 10,327. 1 Claim. (Cl. 16—97.)



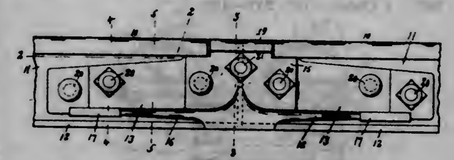
A sliding gate hanger comprising a pair of vertically elongated plates, integral, inwardly extending bosses formed on the inner sides of said plates at the upper and lower ends thereof, the bosses at said lower ends being formed with registering horizontal grooves adapted to receive a gate bar, a pair of vertically spaced rollers revolvably mounted between said plates above said lower bosses and adapted to engage the upper and lower sides of a track, a fastener passing through the upper end of said plates and upper bosses and securing said bosses in contact with each other and other fasteners passing through the lower ends of the plates and lower bosses, above and below the grooves therein, for drawing said bosses in clamping engagement with the gate bar.

1,578,165. SANITARY COVER FOR TELEPHONE MOUTHPIECES. GEORGE BARTON MULLEN, New York, N. Y. Filed Apr. 8, 1925. Serial No. 21,616. 1 Claim. (Cl. 179—185.)



A sanitary cover for a telephone mouthpiece which comprises a flat circular sheet of loosely woven material impregnated with an antiseptic substance and disposed across the mouthpiece of the telephone transmitter, the edges of the sheet being stiff and bent over the edge of the mouthpiece to hold the cover thereon.

1,578,166. RAILWAY-RAIL JOINT. GEORGE W. MULLEN, Washington, D. C. Filed Nov. 21, 1925. Serial No. 70,520. 14 Claims. (Cl. 238—221.)



1. A clamp plate formed with the terminal portions to bear upon the flanges of the rails and spaced from the ball and the intermediate portion bearing beneath the balls of the rails and spaced from the flanges thereof, said intermediate portion having an extension flush with the upper faces of the balls.

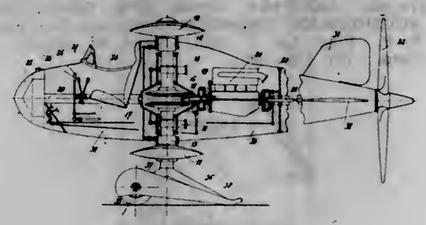
1,578,167. ANIMAL-INTESTINE CLEANER. HERMANN NIGELS and HERMANN NIGELS, Stuttgart, Germany. Filed May 22, 1925. Serial No. 32,202. 8 Claims. (Cl. 17—43.)



1. An apparatus for cleaning animal intestines comprising, a table, a fixed axle, cleaning tools rotatable around the axle, the shortest distance between the tools and the table during rotation of the tools being equal

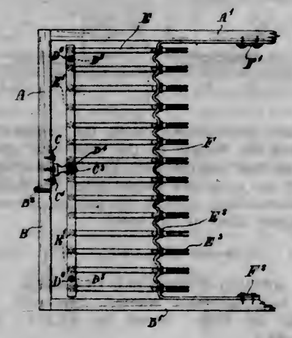
to a double thickness of intestine and means for drawing an intestine to be cleaned through the space between the tools and the table in a direction opposite to that of the rotation of the tools.

1,578,168. MACHINE OF AERIAL NAVIGATION. RAUL PATERAS PESCARA, Barcelona, Spain. Filed Apr. 25, 1922. Serial No. 556,540. 1 Claim. (Cl. 244—19.)



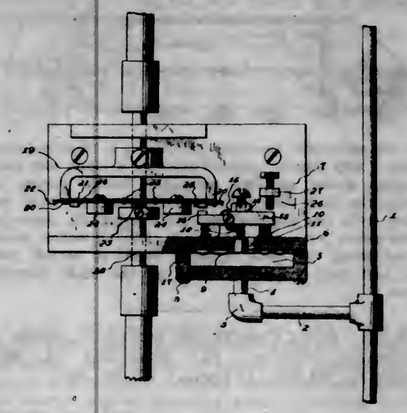
In an aeroplane, a body, a landing carriage supporting the body, a wing arranged intermediate the body and landing carriage, a wing arranged above the body, the axes of the respective wings being in alignment, operating means carried by the body for actuating said wings in opposite directions, and independent means each having its own control whereby either of the wings may be held in fixed relation to the body at will.

1,578,169. MEANS FOR SUPPORTING ARTICLES IN CABINETS. EDWARD HENRY PINTO, West Hampstead, London, England, assignor to Compactom Limited, London, England. Filed Jan. 6, 1925. Serial No. 907. 1 Claim. (Cl. 211—16.)



A wardrobe having a side wall divided to provide a fixed portion and a hinged portion, a door secured to and movable with the hinged portion, a bracket projecting from the fixed portion of the side wall near the pivotal connection of that portion with the movable portion thereof, a frame pivotally mounted on the bracket, a series of arms pivotally mounted in the frame, and a flexible element connected with each of the arms and terminally connected respectively to the fixed and movable portions of the wardrobe, whereby when the movable portion is open the frame is turned on the bracket and the arms are independently turned on their pivotal support in the frame to spread the free ends of the arms in accordance with the degree of opening of the wardrobe.

1,578,170. WARNING SIGNAL. ALBERT H. REIBEL, Jackson Heights, N. Y. Filed Apr. 25, 1925. Serial No. 25,772. 10 Claims. (Cl. 116—67.)



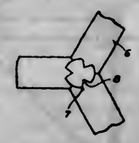
1. A signaling system comprising pressure operated means; speed controlled means; and signaling means under the joint control of said pressure operated means and said speed controlled means.

1,578,171. SMOKING DEVICE. PHILIP RIFKIN, New York, N. Y. Filed May 19, 1925. Serial No. 31,381. 6 Claims. (Cl. 131—51.)



1. A device of the character described comprising a casing formed in its periphery with openings at different points, bands surrounding the casing at said points and rotatable with respect thereto, said bands having openings adapted to be brought more or less into registration with said first named openings, and a yoke member having its end portion pivoted upon the ends of the casing and having its intermediate portion connected with said band members for moving the same simultaneously.

1,578,172. MAKING CONICAL PINS. VALENTIN RETTERATH, Ingolstadt, Germany, assignor to Deutsche Werke Aktiengesellschaft, Berlin-Wilmersdorf, a Corporation of Germany. Filed Feb. 14, 1924. Serial No. 692,845. 3 Claims. (Cl. 29—148.)



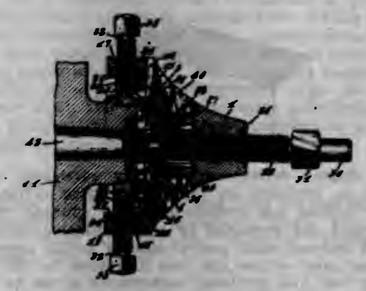
1. The method of forming tapered fastening pins with elongated shallow grooves, comprising subjecting a section of stock to limited deforming pressure, radially applied, in a manner to form the grooves axially of the pin and to progressively enlarge the diameter of the pin uniformly toward one end without substantially diminishing the peripheral contact area or the lateral strength of the stock.

1,578,173. PLUG FOR UNITING STRUCTURAL AND MACHINE PARTS. VALENTIN RETTERATH, Ingolstadt, Germany. Filed July 8, 1925. Serial No. 42,328. 4 Claims. (Cl. 85—10.)



4. A securing means for joining machine elements and structural parts, consisting of a metallic pin of substantially frusto-conical shape to be pressed into a hole and retained therein by frictional contact between the surfaces of the pin and the surrounding walls of the hole, the said pin having its outer surface divided into segmental areas to form frictional contacting surfaces of progressively increasing diameter toward the larger end of the pin, separated by longitudinally arranged surface portions of less distance from the center at any cross-section to receive the translodged metal from the said area when the pin is pressed into the hole in the securing position.

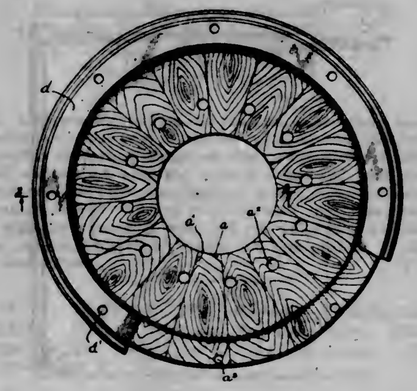
1,578,174. COMBINATION GEAR AND WHEEL PULLER. BENJAMIN E. ROBINSON and ROBERT A. TROBAUGH, Tulsa, Okla. Filed May 8, 1925. Serial No. 28,923. 7 Claims. (Cl. 29—85.)



1. A pulling device comprising a main case consisting of an interiorly threaded head piece, a plurality of spaced pairs of arms formed integral therewith and projecting forwardly therefrom, the arms of each pair arranged in spaced relation and each having the inner side of its forward end formed with a rib, an interiorly threaded boss formed integral with the forward end of each pair of arms at the outer portion thereof and disposed at right angles with respect to the forward edge of said arms, clamping means engaging the ribs of each pair of arms, and a forcing member adjustably engaging with said head piece and coacting with said clamping means.

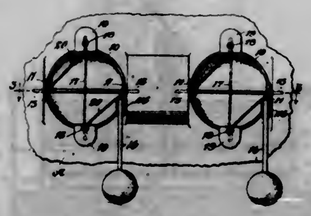
1,578,175. WHEEL. WALTER IRVING RODGERS, Jr., Brooklyn, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 22, 1924. Serial No. 757,808. 1 Claim. (Cl. 301—63.)

In a vehicle wheel, in combination, a hub formed with a flange, a plurality of wood sections arranged in juxtaposition thereabout with the grain of the sections running substantially radially thereof, the rim portions of said wood sections being of increased thickness and offset with respect to the hub portions thereof, a sleeve formed with a flange, bolts to engage the flanges and



clamp the wood sections therebetween, and a rim shrunk on circumferentially about the wood sections to receive a demountable rim for resilient tires.

1,578,176. DOLL'S EYES. ISAAC A. ROMMER, Brooklyn, N. Y., assignor to Ideal Novelty and Toy Co., Brooklyn, N. Y., a Corporation of New York. Filed Nov. 12, 1924. Serial No. 749,453. 4 Claims. (Cl. 46—40.)

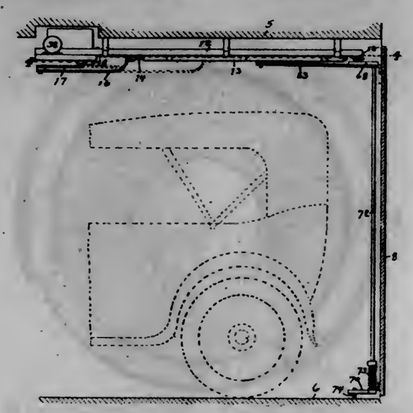


1. A doll's eye having slots at the sides, an element having members extending through said slots rockably mounting the eye, and spring means attached to said eye and bearing against said members, said spring means tending to press the eye forwardly relatively to said members.

1,578,177. GARAGE-DOOR-OPENING DEVICE. ANDREW J. SCHRADE and ELMER JOHNSON, San Francisco, Calif. Filed Sept. 25, 1925. Serial No. 58,664. 2 Claims. (Cl. 268—9.)

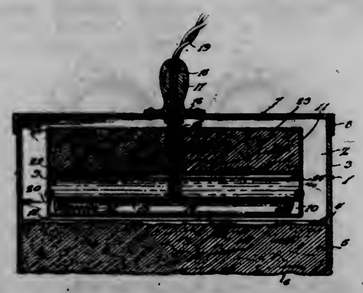
1. In a door closing mechanism adapted to be attached to a pair of swinging doors, a platform positioned in horizontal alignment with said doors, a tubular sliding rod supported from said platform, a gear mechanism positioned on said platform, means for rotating said gear mechanism, a shaft extending downwardly from said gear mechanism, a crank secured to said shaft, a link pivotally connected to said crank, the opposite end of said link being attached to said sliding rod, said sliding rod having a slot formed therein, a block positioned within said sliding rod, stops positioned within said sliding rod and adapted to be intermittently contacted by said block, a pin extending through said slot and en-

gaging said block, a rocker arm secured to said pin, a pair of diverging links secured to said rocker arm, and having their opposite ends pivotally engaging said



doors for the purpose of moving said doors in one direction when said sliding rod is moved forwardly, and for moving said doors in a reversed direction when said sliding rod is moved in a reversed direction.

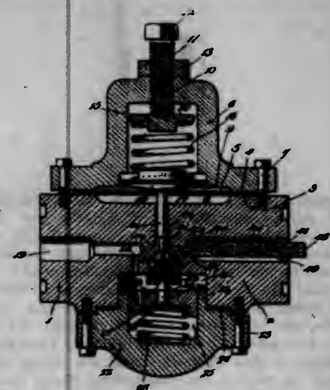
1,578,178. APPARATUS FOR APPLYING LIQUID COMPOSITIONS. ARTHUR W. SCOLES, Kansas City, Mo. Filed Sept. 4, 1924. Serial No. 735,944. 3 Claims. (Cl. 15—131.)



1. An apparatus for applying liquid compositions for the removal of paint, varnish, etc., comprising a casing open at its bottom, an absorptive filling within the casing having a portion projecting through and below the said open bottom of the casing and constituting a medium for absorbing and retaining a quantity of the liquid composition, and means within the casing for heating the interior thereof whereby to volatilize the liquid composition, whereby the vapors thereof will issue through the projecting portion of the filling and be brought into direct contact with the surface to be treated.

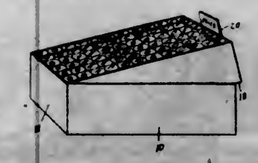
1,578,179. AUTOMATIC EXPANSION VALVE. JOHN L. SHEDDS, Mount Vernon, Ill. Filed Feb. 21, 1924. Serial No. 694,354. 2 Claims. (Cl. 50—23.)

1. An expansion valve of the class described comprising a casing having an inlet passage and an outlet passage, and a valve within said casing to control passage of fluid through the casing from the inlet passage to the outlet passage, said outlet passage having its intermediate portion threaded, its inner end portion of materially less diameter than the threaded intermediate portion and from the said intermediate portion to its outer end of materially increased diameter, said intermediate portion constituting a socket whereby discharge tubes



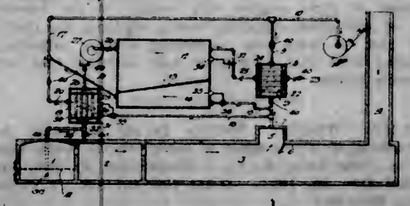
of a common external diameter and of varying internal diameters may be selectively passed through the enlarged outer portion of said outlet passage in spaced relation to the walls thereof and screwed into said socket.

1,578,180. DISPLAY DEVICE. EDWARD H. SNYDER, Indianapolis, Ind. Filed May 15, 1924. Serial No. 713,466. 2 Claims. (Cl. 211—24.)



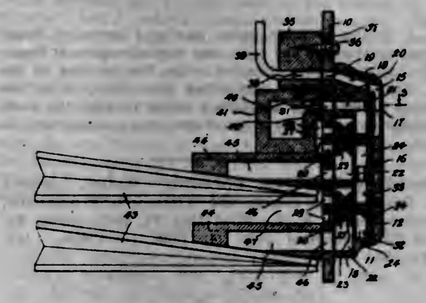
1. A display device comprising an enveloping wall adapted to surround an article containing carton, a pair of inclined side portions extending upwardly from and beyond and supported by said enveloping wall to form an obstructionless central opening having substantially the same outline and area as formed by the enveloping wall and providing unobstructed access to the entire enclosed portion formed by said wall, and an inclined tray detachably supported by said side portion for covering the carton and for display purposes.

1,578,181. SYSTEM OF DISTRIBUTION OF REFUSE-DESTRUCTOR GASES. ROBERT BALMER, Toronto, Ontario, Canada, assignor to The Balmer Corporation. Filed Mar. 22, 1924. Serial No. 701,013. 10 Claims. (Cl. 110—8.)



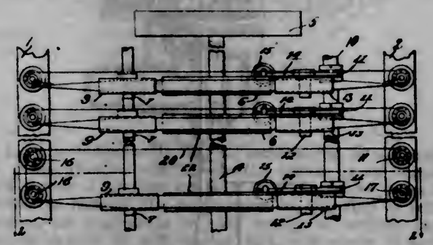
1. In a refuse destructor having a combustion chamber and a refuse storage chamber, a system of distribution of the gaseous products of secondary combustion comprising a heating chamber adjoining said storage chamber, a flue from said combustion chamber, pipes from said flue adapted to conduct the flue gases to said heating chamber, pipes from said heating chamber adapted to conduct the gases therefrom and to the stack, and a fan adapted to cause the gases to circulate through said pipes and heating chamber and to deliver said gases into said flue at a pressure adapted to equalize the loss occasioned by withdrawal of the gases from the combustion chamber.

1,578,182. PNEUMATIC ACTION. STEPHEN BATTNER, Brooklyn, N. Y., assignor, by mesne assignments, to The Rudolph Wurlitzer Manufacturing Company, North Tonawanda, N. Y., a Corporation of New York. Filed Sept. 24, 1921. Serial No. 502,860. 6 Claims. (Cl. 84—53.)



1. In a pneumatic action, an assembling plate, a vacuum chest, a valve unit comprising two mating blocks having registering vacuum ports communicating with said chest through said plate, a plurality of valves, one of the blocks being pitted to receive entirely therein said plurality of valves and all controlled from the same vacuum chest, and a diaphragm sheet constituting the only packing between said blocks and serving as diaphragms for the respective valves.

1,578,183. DRIVE MECHANISM FOR TWISTING AND SPINNING FRAMES. HERBERT G. BEEDE, Pawtucket, R. I. Filed Feb. 19, 1923. Serial No. 619,793. 3 Claims. (Cl. 118—48.)



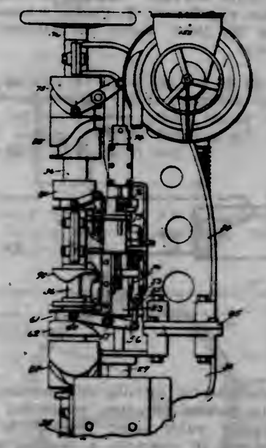
1. A machine of the class described comprising a pair of spaced spindles, a drive pulley intermediate said spindles, an endless band partially encircling said spindles, the entire band lying to one side of the axis of the drive pulley, a guide pulley arranged between one of said spindles and the drive pulley, a second guide pulley arranged between the other of said spindles and the drive pulley, a movable support for said second guide pulley, and means normally tending to move said second guide pulley in a direction to press a run of the endless band into contact with the drive pulley.

1,578,184. ADJUSTABLE SUPPORT FOR BARRELS AND THE LIKE. EDWIN F. BEUDELER, Buffalo, N. Y., assignor to E. & B. Holmes Machinery Co., Buffalo, N. Y., a Corporation of New York. Filed June 19, 1924. Serial No. 720,969. 8 Claims. (Cl. 147—1.)



1. A support for barrels and the like, comprising a base having a circular well, a circular wall for said well, an inwardly projecting flange on the lower part of said wall, and shelves arranged on said flange and each provided with an upper cam surface, and a rotatable table arranged in said well and provided with an annular row of laterally projecting lugs each of which has a lower cam surface adapted to engage the cam surface of one of said shelves.

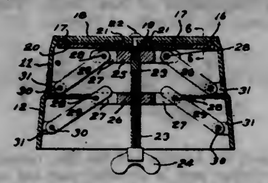
1,578,185. MACHINE FOR MAKING INSULATED NAILS. CHARLES C. BLAKE, Brookline, Mass. Filed Mar. 4, 1922. Serial No. 541,114. 28 Claims. (Cl. 10—158.)



1. A machine for making insulated nails of the type described having, in combination, a rotary turret, mechanism for rotating said turret step-by-step, said turret having a series of peripherally arranged pockets presenting chambers which remain open at both ends throughout their travel, a device for supplying said pockets successively with blocks through one open end at each period of rest, means operating simultaneously with said block supplying device to support two previously supplied blocks for operations thereon through the other open ends of the pockets containing said blocks, and means for successively removing the blocks from the pockets and completing the formation of the nails.

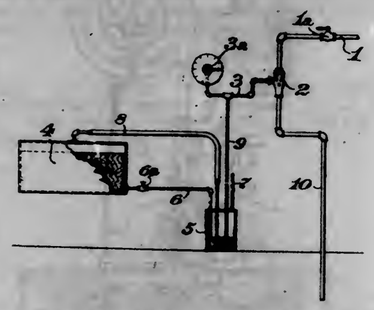
23. A machine for making insulated nails comprising a nail and a block having, in combination, a nail-holding turret rotatable step-by-step and having a series of peripheral pockets open at top and bottom, a slide below said turret carrying a block supplying plunger, and two anvils registering with three successive pockets, means for reciprocating said slide toward and from the turret during periods of rest whereby said anvils are positioned to support blocks previously supplied to two of said pockets, and means for center-punching and nailing said two blocks while so supported, said nailing anvil being hollow to permit the nailing means to drive the nail through the block and extend from the lower face thereof.

1,578,186. HAT STRETCHER. ARVID BRODIN, Los Angeles, Calif. Filed Aug. 1, 1923. Serial No. 654,994. 4 Claims. (Cl. 223—33.)



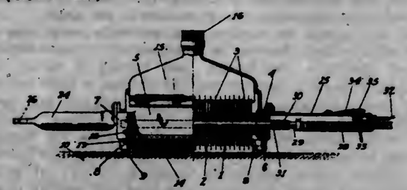
1. A hat stretcher comprising a plurality of form segments corresponding substantially to the shape of a hat for personal wear; a plurality of covers disposed in spaced relation, engaging portions of said segments for controlling the movement thereof to and from the center of the stretcher; a screw member; and a plurality of links pivotally connected to said segments and operatively connected with said screw whereby the inner ends of said links are caused to travel in parallel relation to the axis of said screw.

1,578,187. APPARATUS FOR FORMING EMULSIONS OF OIL AND WATER. SAMUEL A. BULLOCK, Port Washington, and BERTEL T. PERRY, Schenectady, N. Y. Filed Apr. 30, 1924. Serial No. 710,096. 3 Claims. (Cl. 87—9.)



2. An apparatus for forming an emulsion of oil and water for lubricating purposes, comprising an ejector, means to supply water under pressure to the nozzle thereof, a closed oil reservoir, a leveling trap, a pipe leading from the bottom of said reservoir to a point near the bottom of said trap, an air pipe leading from the top of said reservoir to a point near the bottom of said trap, the latter having an inlet for air in its top, a pipe leading from the bottom of said trap to said ejector and having a branch for the admission of air to regulate the flow of oil.

1,578,188. ELECTRIC-MOTOR-DRIVEN BUTCHER-BLOCK CLEANER. HARRY W. BURTON, Taft, Calif. Filed June 6, 1924. Serial No. 718,289. 2 Claims. (Cl. 15—23.)



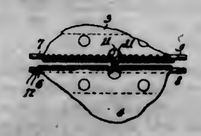
1. A cleaning device comprising a housing open along one face, a rigid shaft journaled in the ends of the housing, a cylindrical brush structure mounted on the shaft, a handle projecting from one end of the housing, a flexible driving shaft terminating at and mounted in the handle in alinement with the rigid shaft, a slidable sleeve coupling releasably connecting the shafts in driving relation, and removable means connecting the rigid shaft to the housing to enable the shaft and brush to be removed from the housing as a unit.

1,578,189. FISHING-LINE LEADER AND SNELL. CHARLES ARTHUR DAWSON, River Falls, Wis., assignor to Kinnickinnic Tackle Company, Stevens Point, Wis., a Corporation of Wisconsin. Filed Aug. 30, 1923. Serial No. 660,187. 4 Claims. (Cl. 43—28.)



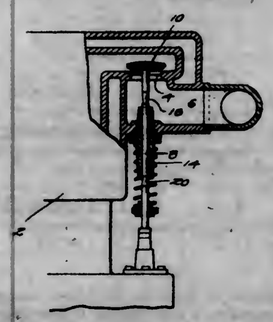
4. A fishing snell or leader having a series of longitudinal portions of one color and another series of longitudinal portions of a different color, the portions of the last mentioned series alternating respectively with the portions of said first mentioned series whereby the snell or leader is effectively camouflaged when submerged in water.

1,578,190. HINGE FOR FOLDING CHAIRS. ARTHUR F. DERBY, Union Course, and WILLIAM B. WILSHUSEN, Mount Vernon, N. Y. Filed May 27, 1922, Serial No. 564,177. Renewed July 24, 1925. 1 Claim. (Cl. 16—163.)



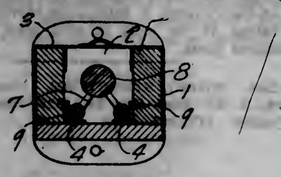
A hinge consisting of a wire bent into two sets of parallel lengths, said sets being arranged end to end and the length of each set being connected together, each length of each set being connected by a cross-over portion to that length of the other set that is not co-axial therewith.

1,578,191. SUPERVALVE. RICHARD DEVOS and ALOIS DEVOS, Detroit, Mich. Filed Jan. 8, 1923. Serial No. 611,453. 1 Claim. (Cl. 123—188.)



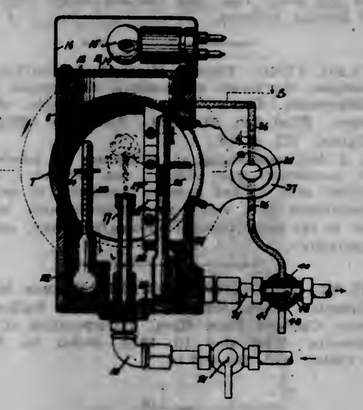
In combination with a valve seat and guide; of a valve including a head and stem, said stem being slidably received in said guide and provided intermediate of its ends with a pair of spaced apart recesses, said recesses having their walls diverging respectively in opposite directions providing substantially inner opposed shoulders on said stem, said shoulders being adapted to cooperate with the respective end edges of said guide in the operation of said valve, as and for the purposes described.

1,578,192. CIRCUIT BREAKER. JOSEPH F. DODGE, Chamberlain, S. Dak. Filed July 21, 1921. Serial No. 486,352. 1 Claim. (Cl. 200—52.)



In a device of the kind described, a dielectric case having a narrow, rectangular interior chamber; two electrodes mounted one at either end of the bottom of the chamber; and a rocking contact element mounted within the chamber, the said contact element including a central weight having two feet diverging therefrom and resting one on each of the said electrodes and so normally connecting the same, the said interior chamber being of a size and shape to freely receive the said gravity contact element and maintain it in a normal upright position with the feet thereof in contact with the said electrodes, but allowing room for the central weight of the contact element to rock toward either end of the chamber and so disconnect the said electrodes.

1,578,193. ENGINE-COOLING INDICATOR. CLARKE S. DRAKE, Milwaukee, Wis. Filed Sept. 3, 1920. Serial No. 407,960. 9 Claims. (Cl. 23—52.)



1. In an indicator device, the combination, of a casing in communication with the cooling system of an engine and having a transparent wall, a thermometer in said casing to indicate the temperature of the fluid in said system, an instrument in said casing to indicate the specific gravity of said cooling fluid, and means in said casing providing a visible indication of the flow of the cooling fluid.

1,578,194. WATER AND VENT BOX. HENRY EDELMAN, Philadelphia, Pa., assignor of one-half to Pauline Edelman, Philadelphia, Pa. Filed Aug. 6, 1925. Serial No. 48,455. 8 Claims. (Cl. 137—13.)

1. In a device of the character stated an annular casing the upper rim of which is notched upon opposite sides, overhanging ledges intermediate said notches, a cover-plate provided with projections upon its under side for normally engaging with said notches and with said ledges to prevent accidental rotation of said cover-plate and finger engaging means provided said cover-plate whereby said cover-plate must be first raised to disengage said

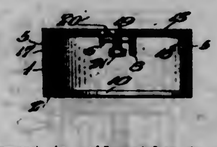


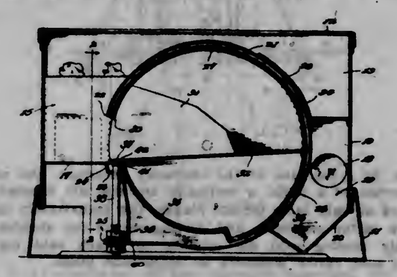
plate with respect to said notches in order that said cover-plate may thereafter be rotated for entire disengagement.

1,578,195. SHOE UPPER. MARTIN W. FITZGERALD, Brockton, Mass., assignor to Sears, Roebuck & Co. of Maine, Springvale, Me., a Corporation of Maine. Filed July 16, 1924. Serial No. 726,281. 1 Claim. (Cl. 36—57.)



A shoe comprising an upper having at the free edge thereof a pair of parallel braids connected together and attached to the upper by a single zigzag seam, each stitch thereof passing centrally between said braids and through the upper at one point only.

1,578,196. TRAP DRUM FOR ANIMAL TRAPS. IRAD W. HILLS, Stanley, Wis. Filed Nov. 12, 1924. Serial No. 749,541. 2 Claims. (Cl. 43—67.)

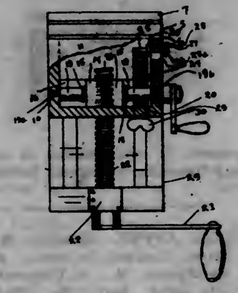


1. In an animal trap, a casing having a substantially cylindrical chamber formed therein and provided with circumferentially spaced inlet and outlet passages, an inwardly extending flange being provided below the bottom of said inlet and a support below said flange, a magnet carried by said support and extending upwardly through said flange, a hollow drum rotatably mounted in said chamber and having inlet and outlet openings spaced to alternately register with the inlet and outlet passages of the chamber as the drum is oscillated in said chamber, a lip at the lower edge of the inlet of said drum disposed over said flange, an armature for said magnet carried by said lip, and a flooring in said drum extending between said lip and the outlet of the drum.

1,578,197. MILLING VISE. JOHN FRANCIS KEYES, Springfield, Mass. Filed Aug. 26, 1920. Serial No. 406,210. 11 Claims. (Cl. 90—60.)

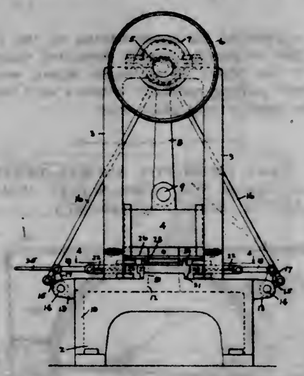
1. A vise comprising a rigid jaw, a jaw movable relatively thereto, a screw for propelling the movable jaw,

separable nut sections for connecting the movable jaw to the screw, means for moving the nut sections toward and away from each other, and means for moving the



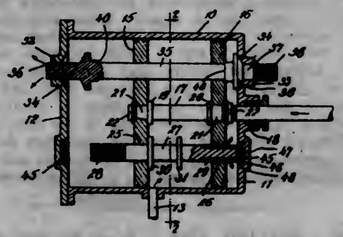
movable jaw away from the rigid jaw releasable when the nut section are disengaged from the propelling screw.

1,578,198. PRESS FOR FORMING TILE BLANKS. JOHN A. LANNERT, Cleveland, Ohio. Filed Oct. 3, 1925. Serial No. 60,186. 3 Claims. (Cl. 25—42.)



1. In a machine of the character described, the combination of a table, a vertically movable die member, a track on said table for the blanks, two transversely movable cutter members, and driving means for simultaneously moving said die member to punch said blank, and said cutter members to notch said blank.

1,578,199. ENGINE. GEORGE MATZ, New York, N. Y. Filed May 26, 1925. Serial No. 32,881. 7 Claims. (Cl. 121—123.)



1. An engine comprising a cylinder, a piston comprising a pair of spaced disks, an intake port in the cylinder intermediate the ends thereof and adapted to admit motive fluid to the cylinder intermediate the piston disks, exhaust ports in said cylinder, a valve carried by the piston disks and movable with and relatively to the piston for controlling the admission of the motive fluid from the space between the piston disks to the ends of the cylinder, a valve stem carried by the piston and valves at the ends of said stem for controlling the exhaust ports.

1,578,200. WHEEL STRUCTURE. GEORGE MATZ, New York, N. Y. Filed July 23, 1925. Serial No. 45,479. 4 Claims. (Cl. 305—7.)



3. A wheel structure comprising an outer rim, a wheel having a rim disposed within said outer rim and adapted to roll therein, the diameter of the outer rim being greater than the diameter of the wheel rim, annular surfaces formed on the wheel rim and outer rim at the peripheries thereof adapted to coact and support the wheel on said outer rim and traction means extending inwardly from the outer rim and outwardly from the wheel rim, said traction means overlapping said annular surfaces.

1,578,201. FUEL. THOMAS MIDGLEY, JR., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware. Filed Feb. 28, 1920. Serial No. 362,139. 4 Claims. (Cl. 41—9.)

1. A fuel comprising an admixture of substantially 50% commercial ethyl alcohol, and 50% of a cracked gasoline, said cracked gasoline consisting of saturated hydrocarbons and unsaturated hydrocarbons, or "olefines" in the proportions of substantially 84% and 16% respectively.

1,578,202. BEAD CONSTRUCTION. THOMAS MIDGLEY, Hampden, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed May 10, 1922. Serial No. 559,804. 1 Claim. (Cl. 154—14.)

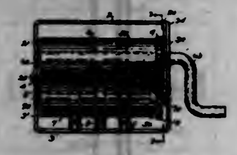


The process of making a clincher tire casing which comprises forming separate bead fillers of rubber compound, said fillers having heel portions adapted to be molded into the form of the heel of the clincher bead, covering the heel portions of the fillers with fabric while leaving the opposite side of the fillers uncovered, incorporating the fillers with the coverings thereon between the edges of the plies of the tire casing so that they serve as anchorages therefor, and vulcanizing the assembled casing under molding pressure to give form and coherence to the beads.

1,578,203. TRANSFER FILM. CARL P. OLSON, Irvington, N. J., assignor to Karl E. Olson & Son, Inc., Irvington, N. J. Filed June 19, 1924. Serial No. 721,143. 11 Claims. (Cl. 41—33.)

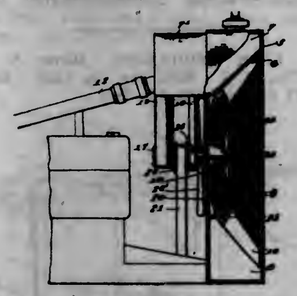
1. A film support consisting of a ribbon-like strip of flexible material, a layer thereon consisting of Chinese insect wax and varnish, and a coating of metallic powder upon said layer.

1,578,204. RAZOR-BLADE SHARPENER. DOMENICO PACE, Syracuse, N. Y. Filed June 11, 1925. Serial No. 36,403. 1 Claim. (Cl. 51—80.)



A razor blade sharpener composed of a casing having an upper and a lower section, means to hingedly connect the sections at one end thereof, blade engaging posts connected to the lower section, a pair of lower stropping rolls journaled in the lower section and disposed on opposite sides of the posts, a pair of upper stropping rolls journaled in the upper section and disposed in close relation, gears on the upper rolls in mesh with each other, gears on the lower rolls in mesh with the overlying gear of the respective adjacent upper rolls and disposed on opposite sides of the posts, and means to rotate one of the rolls, all of the gears of the rolls being located at the end of the casing opposite to the hinged end thereof so as to permit the opposite ends of the upper and lower rolls to freely approach upon closing movement of the sections about the hinged means thereof.

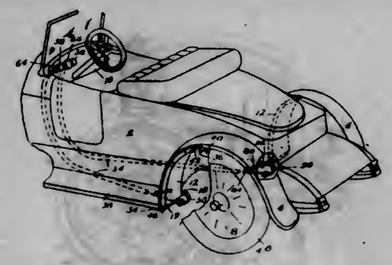
1,578,205. RADIATOR. STANLEY PACHNER, Dresden, Kan. Filed Feb. 17, 1925. Serial No. 9,762. 5 Claims. (Cl. 257—127.)



1. A radiator including a body having a central opening and upper and lower water chambers, a series of tubes disposed within said opening, having their ends opening into an annular passage surrounding said tubes, a rotary tubular shaft disposed axially with respect to said opening, means for conducting the water from said upper chamber to said shaft, a series of pipes radiating from the free end of said shaft having their discharge ends disposed within said passage adjacent the ends of said tubes and means for rotating said shaft.

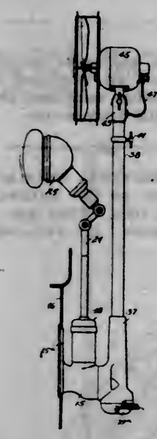
1,578,206. SANDING DEVICE FOR MOTOR VEHICLES. LOUIS H. PERRUS, Kansas City, Mo. Filed Jan. 13, 1926. Serial No. 80,985. 7 Claims. (Cl. 291—28.)

1. In a sanding device for motor vehicles, a receptacle adapted to fit against the inner surface of the vehicle fender and provided with an inlet and an outlet, means operably connecting the lower portion of said receptacle to the vehicle so that its upper portion may



be lowered to expose the inlet, and securing means for holding the upper portion of the receptacle in raised position.

1,578,207. UNITARY DENTAL APPARATUS. OSCAR H. PIEPER, Rochester, N. Y. Filed Nov. 20, 1923. Serial No. 675,931. 10 Claims. (Cl. 230—1.)

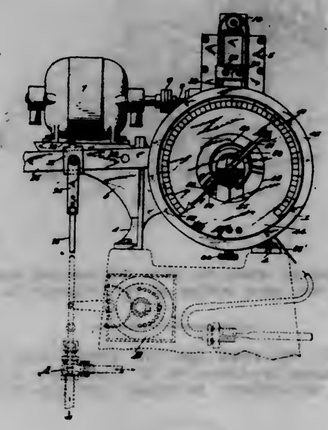


1. In apparatus of the character described the combination of a hollow arm adapted for attachment to a support and provided with hollow branching portions, a fan and an electric motor for driving the same carried by one of said portions, an adjustable control device for said motor carried by said arm, and electrical conductors extended through said arm and branching portions and connected with said motor and control device.

1,578,208. TEMPERATURE REGULATOR OR THERMOSTAT. RALPH B. RICHARDSON, New York, N. Y. Filed Aug. 13, 1923. Serial No. 657,232. 10 Claims. (Cl. 236—20.)

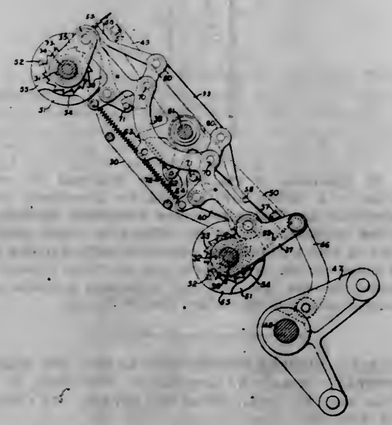
1. In a temperature regulator or thermostat, in combination, a reading dial, a pointer associated therewith, means capable of manually setting said pointer and other means adapted to automatically change the position of said pointer, said automatic means being removable and said manual setting means being operative on the removal of said automatic means a prime mover, mechanism arranged to be actuated by said prime mover to operate

a valve means or rheostat, means to place the prime mover in operative relation with said mechanism, a Bourdon tube or gage, means movable under the impulses



of said tube or gage, and means operated by the prime mover to actuate said last mentioned means for operatively connecting said first mentioned mechanism in operative relation with said prime mover.

1,578,209. CASH REGISTER. CHARLES F. ROSIEN, Dayton, Ohio, assignor to The National Cash Register Company, Dayton, Ohio. Filed Apr. 2, 1924. Serial No. 703,693. 9 Claims. (Cl. 197—160.)



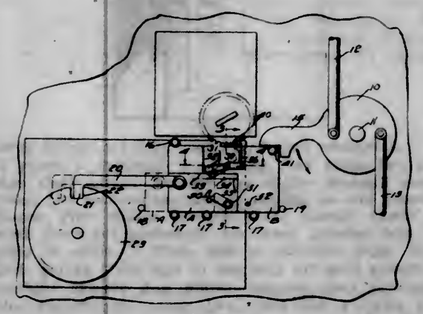
8. In a ribbon reversing mechanism, a spool having a flange the periphery of which comprises a fixed portion and a movable portion, and means for holding the movable portion in position until a predetermined amount of ribbon has been unwound from said spool.

1,578,210. LOW-PRESSURE GAS BURNER. HAROLD D. SCHRADER, Midwest, Wyo., assignor of one-half to Leo Maynard Stauffer, Midwest, Wyo. Filed Aug. 17, 1925. Serial No. 50,751. 3 Claims. (Cl. 158—114.)



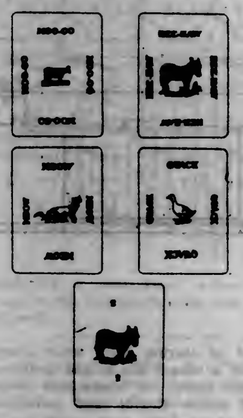
1. A gas burner comprising an air admission cylinder, and a burner head in the delivery end of said cylinder having a plurality of radial arms disposed in a plane at right angles to the axis of said cylinder and terminating in spaced relation therewith, each of said arms having two parallel longitudinal rows of perforations, the perforations along any two adjacent portions of any two arms being arranged to discharge gas between said arms on lines which are parallel with each other and diverge widely from the aforesaid plane toward the wall of the cylinder, the outer ends of said arms each having a central perforation also disposed to discharge the gas on a line which diverges widely from the aforesaid plane toward the cylinder wall.

1,578,211. LOCK MECHANISM. HENRY N. SLEDGE, Jersey City, N. J. Filed Jan. 24, 1925. Serial No. 4,436. 11 Claims. (Cl. 70—26.)



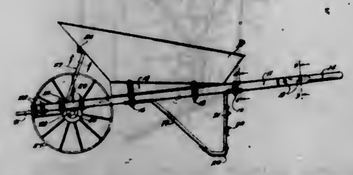
1. Lock mechanism comprising locking elements, a detent for preventing the operation of said elements, power driven means for withdrawing said detent and manually operable means for setting said means in operation.

1,578,212. CARD GAME. DAVID E. SMITH, Chicago, Ill. Filed Oct. 7, 1925. Serial No. 61,123. 3 Claims. (Cl. 273—152.)



1. A deck of cards for playing the game of "Hee-Haw," said cards and game being designed to depict certain well known animals, and comprising four "word cards" each bearing a picture of a different animal, and thirty-six suit cards, nine bearing the representation of each of said animals, and numbered consecutively from two to ten, both inclusive, substantially as shown, and for the purposes described.

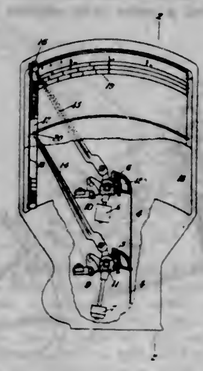
1,578,213. WHEELBARROW. IRVING R. SMITH, Wauwatosa, Wis. Filed June 4, 1923. Serial No. 643,343. 3 Claims. (Cl. 280—52.)



1. A wheelbarrow comprising a body, a pair of longitudinally extending supporting members, legs secured by bolts to said supporting members, handles secured to the ends of said supporting members, said supporting members each comprising a pair of channel bars clamped together with their side flanges extending laterally therefrom, the vertical webs of said channel bars being bulged outwardly forming passages for said bolts.

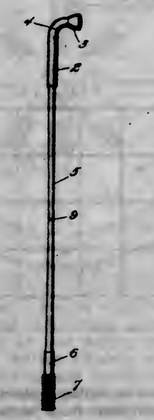
1,578,214. PRICE-COMPUTING WEIGHING SCALE. HUBERT ALDERSLADE SPANNER, Birmingham, England. Filed Feb. 15, 1922. Serial No. 536,831. 4 Claims. (Cl. 265—37.)

1. In a price computing weighing scale, the combination of a scale housing, a fixed weight and price chart located within said housing, automatic means for offsetting the load applied to the scale, a vertically disposed traversable weight indicating price index and means



connecting said index to the load offsetting means for supporting and maintaining the index parallel with its initial direction throughout its traverse.

1,578,215. WIRE SPOKE. EDWARD W. STOLER, Mansfield, Ohio. Filed Apr. 17, 1923. Serial No. 632,680. 1 Claim. (Cl. 301—104.)

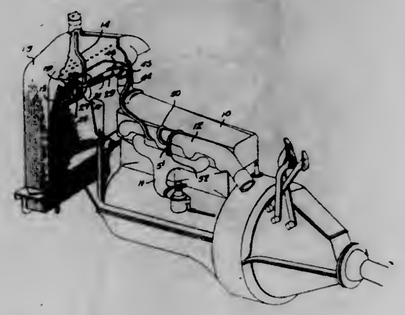


A wire spoke having enlarged terminals of substantially uniform diameter, and a main body length intermediate the terminals, the body length being gradually tapered in both directions from said terminals, with the tapering portions meeting at substantially the mid-length of such body length.

1,578,216. ATTACHMENT FOR INTERNAL-COMBUSTION ENGINES. JOHN STUTIKA, West Pullman, Ill. Filed Aug. 11, 1924. Serial No. 731,513. 4 Claims. (Cl. 123—25.)

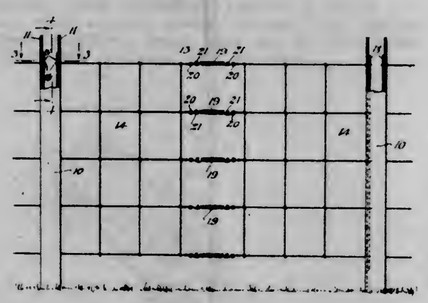
1. A device of the character described, comprising a valve casing communicating at its outlet end with the intake manifold of an engine, the opposite end of said

casing being open and provided with a substantially cylindrical bore and a slightly tapered bore spaced therefrom and increasing in diameter inwardly, a valve seat connecting said bores, a valve arranged in said casing, said valve having a valve face adapted to engage said



seat and a substantially cylindrical portion arranged within and slightly spaced from said cylindrical bore and being further provided with a portion tapered to correspond with and slightly spaced from said tapered bore, and a coil spring normally seating said valve face.

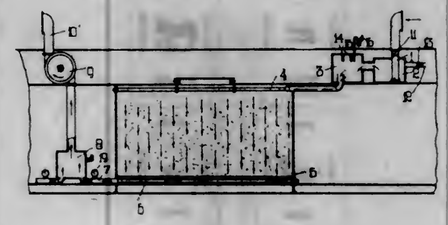
1,578,217. FENCE CONSTRUCTION. JOHN STUTTER, Maspeth, N. Y. Filed Jan. 29, 1925. Serial No. 5,504. 4 Claims. (Cl. 256—39.)



1. A wire fence including a plurality of spaced vertical supports and individual fence units between each pair of adjacent supports, each of said units comprising a pair of sections, each section including a plurality of horizontal and vertical wires connected at their points of crossing, said sections having detachable connections at their outer ends with the supports, and detachable connections at their inner ends with one another, said latter connections being contractible and normally expanded when in place to set up a tension upon the sections.

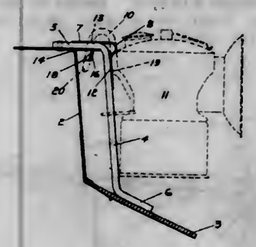
4. A wire fence including spaced posts and individual fence units between each adjacent pair of posts, said units each comprising separable sections of wire mesh, means for detachably connecting the outer end of each section to a post, contractile spring links for detachably connecting the inner ends of the sections together, the terminals of the links detachably engaging the ends of the sections, and means adjacent the terminals of the links for receiving an expanding tool for stretching the links to facilitate their attachment or detachment.

1,578,218. METHOD OF STORAGE OF VEGETABLE PRODUCE. JOHN MCLEAN THOMPSON, Liverpool, England. Filed Dec. 5, 1925. Serial No. 73,426. 5 Claims. (Cl. 99—11.)



5. A method of storing fruit which comprises holding the fruit in a closed space, and continuously maintaining in said space, an atmosphere containing less than 0.1% of carbon dioxide, and maintaining therein a humidity of about 65%, such conditions being maintained by slow aeration of the said space.

1,578,219. LAMP HOLDER FOR MINERS' CAPS. FRANK K. TOVEY, Pittsburgh, Pa., assignor to Union Cap Manufacturing Company, Pittsburgh, Pa., a Copartnership composed of himself and Edward J. Eagan. Filed Nov. 13, 1924. Serial No. 749,675. 1 Claim. (Cl. 240—60.)

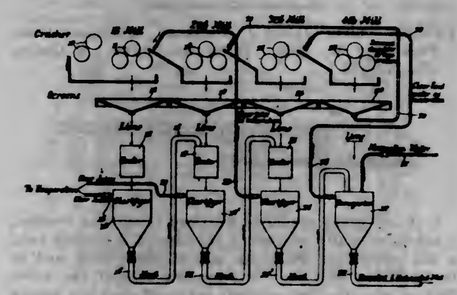


A supporting bracket for a miner's lamp consisting of a bracket frame secured to the cap and visor respectively having a top flat portion provided with a hook hole, a forwardly bulging slotted front bearing plate, and a rearwardly inclined open back grooved friction socket for the hook terminal secured to the bracket frame below and in register with the hook hole.

1,578,220. PROCESS FOR INCREASING SUGAR RECOVERY. RAFAEL VACHIER, Baton Rouge, La. Filed May 12, 1925. Serial No. 29,750. 3 Claims. (Cl. 127—46.)

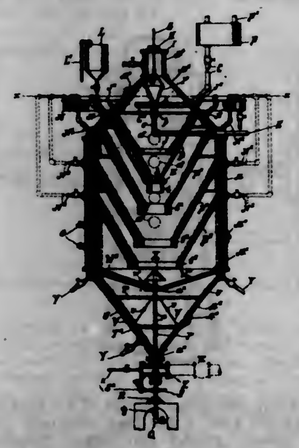
1. That process for desugarizing the partially exhausted mud obtained as the residue in the sugar recovery process and without the necessity for the filtering operation, which consists in subjecting the partially exhausted mud

to fresh water and a quantity of lime sufficient to produce coagulation and extract the sugar content of the mud,



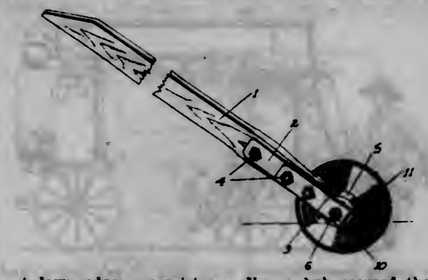
thereby producing a clear sweet water as maceration water for use in the milling process and a substantially desugarized mud.

1,578,221. CLARIFIER FOR SACCHARINE SOLUTIONS. RAFAEL VACHIER, Baton Rouge, La. Filed Oct. 15, 1925. Serial No. 62,638. 9 Claims. (Cl. 127—18.)



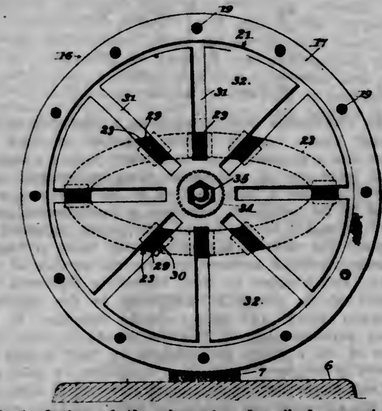
1. A clarifier for saccharine solutions comprising an outer shell having a central cylindrical liquid chamber with a downwardly inclined conical bottom open at its center, a lower mud chamber in the form of an inverted hollow truncated cone, below said bottom, and an upper scum chamber in the form of a truncated hollow cone, means for supplying the liquid to be clarified to said scum chamber, means for heating the liquid in said scum chamber, a series of inverted truncated hollow baffle cones projecting downwardly into said shell, and each provided with a cylindrical band at its lower open end, a vertical adjustable scum overflow cone mounted in the scum chamber, with means for carrying off the scum from said overflow cone, means for carrying off the clear liquid from the upper portions of the V-shaped annular spaces between said baffle cones and the outer shell, a rotary hollow perforated shaft projecting up through the axis of the mud chamber, scrapers carried by said shaft for scraping the bottoms of said liquid chamber and of said mud chamber, means of supplying water under pressure to said shaft, means for rotating said shaft, and means for carrying off the mud and liquid contents from the bottom of said mud chamber.

1,578,222. LAWN EDGER. FRANK VAN ALSTINE, Sacramento, Calif. Filed May 11, 1925. Serial No. 29,885. 1 Claim. (Cl. 97—227.)



A lawn edger comprising a disc, a hub secured thereto only on one side of the same, a spindle on which the hub is turnable, a support in which one end of said spindle is fixed disposed adjacent that face of the hub opposite to the disc, a head on the opposite end of the spindle countersunk in the hub, and a handle secured to the support and disposed in a plane between the support and disc.

1,578,223. DYNAMIC COMPENSATOR. MARTIN J. WACLAW, Bethlehem, Pa. Filed Dec. 26, 1924. Serial No. 758,267. 2 Claims. (Cl. 74—14.)



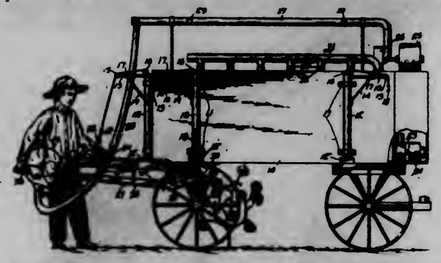
1. A device of the character described comprising a driving element having radial slots, a driven element rotatable independently of said driving element being arranged to house the driving element, eccentric races including elliptical races in said driven element confronting said driving element, weights slidable in said slots when the driving element is rotated, and rollers carried by said weights actuated in said eccentric races to rotate said driven element.

1,578,224. COTTON HARVESTER. GEORGE S. WEST, Baltimore, Md. Filed Apr. 23, 1921. Serial No. 464,003. 27 Claims. (Cl. 56—14.)

12. A cotton picking mechanism embodying spindles, means to rotate them to wind cotton thereon from the bolls, means to rotate them reversely and means to simultaneously rotate a brush in contact with the spindles, said brush comprising interspersed wire bristles and natural bristles, substantially as set forth.

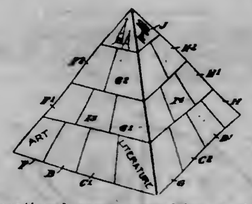
21. In a cotton harvester, a wagon having a closed body, a pair of pipes extending approximately from end to end of the wagon above said body, flexible suction tubes connected to one of said pipes at intervals along its length, mechanical cotton picking devices attached to said flexible tubes to feed cotton thereto, spaced brackets pivoted along the side of the wagon body, flexible means

on said brackets for supporting said mechanical picking devices, branches at intervals along the other pipe leading into said body, valves for closing said branches, a



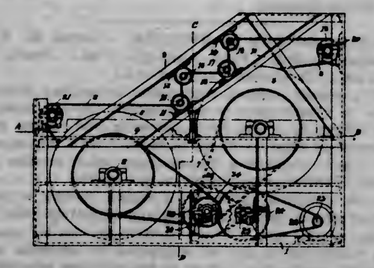
fan casing communicating with both of said pipes, and a fan in the casing operative to draw air through the one pipe and force it through the other into the wagon body, substantially as set forth.

1,578,225. GAME. OLGA H. WHITE, New York, N. Y. Filed June 3, 1924. Serial No. 717,470. 7 Claims. (Cl. 35—12.)



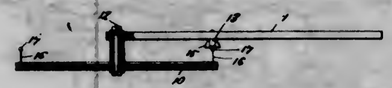
1. An educational game comprising a plurality of coordinated blocks bearing indicia, together arranged to be built into a pyramid, said blocks each having a square base at least one of said blocks being rectangular and arranged to form a body portion of the structure and adapted by its indicia to represent a fundamental principle to be taught by the blocks, side blocks arranged to fit against the sides of said rectangular block or blocks and having inclined surfaces to form the surface of the pyramid, and adapted by their indicia to represent expressions of the principle represented by the adjacent rectangular block, and corner blocks arranged to fit between adjacent sides of the side blocks to form the corners of the pyramid and adapted by their indicia to represent principles joining the expressions on said adjacent side blocks, and an apex block arranged to form the top of the structure and adapted by their indicia to represent all ultimate result of the principles represented by the other blocks.

1,578,226. MEANS FOR DISPLAYING STAIR COVERINGS. ERIC BRYAN WILLIAMSON, Bromley, England. Filed Apr. 10, 1925. Serial No. 22,229. 6 Claims. (Cl. 211—20.)



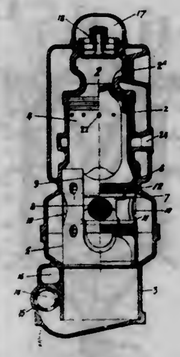
1. A stair covering displaying device comprising a track formed of fixed surfaces and a movable surface between said fixed surfaces and means adapted to draw a length of stair covering over said fixed and movable surfaces.

1,578,227. TOY. JAMES J. WOLSELEY, Bridgeport, Conn. Filed May 27, 1925. Serial No. 38,209. 2 Claims. (Cl. 272—85.)



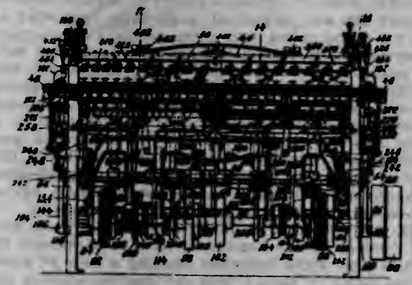
1. A toy of the character described comprising a wheel, a handle pivotally secured to one side of the wheel axle, a bell secured to the inner side of the handle and in juxtaposition with the corresponding side of the wheel felly, a pair of spring members arranged upon the handle upon diametrically opposite sides of the bell, and a plurality of spring wires extending outwardly from the inner sides of the wheel felly and carrying balls upon their outer free ends and adapted for selective engagement with the spring members and bell respectively.

1,578,228. INTERNAL-COMBUSTION ENGINE. RALPH ALGERNON YEARSLEY, West Ealing, London, England. Filed June 2, 1924. Serial No. 717,323. 4 Claims. (Cl. 123—73.)



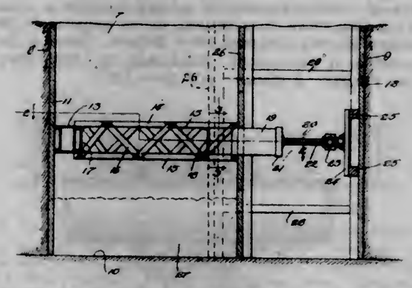
2. In internal combustion engines of the type specified; the combination with a one-piece structure comprising a coaxial power cylinder and larger diameter pump cylinder and a cylindrical one piece coaxial power and pump piston fitting therein and having its opposite ends closed; of a crank shaft, diametrically opposite bearings in the side wall of said pump cylinder to carry said crank shaft, said pump piston having diametrically opposite slots in its wall extending in the direction of the axis of said power and pump pistons to permit of the passage of said crank shaft and of the reciprocations of said pistons, said crank shaft having a crank within said cylindrical pump piston, two cross heads at a distance apart formed with and extending across the interior of said pump piston transversely of the axis of said crank shaft, opposed guiding surfaces on the inner faces of said cross heads, a slide block located between said cross heads and adapted to slide between said guides carried thereby, bearings in said slide block to receive the crank pin of said crank shaft, said pump piston having diametrically opposite openings in its wall at the ends of said cross heads to permit of the passage of said slide block in its transverse motions, and said pump cylinder having diametrically opposite internal enlargements at the opposite ends of said cross heads to permit the end portions of said slide block passing into said enlargements during the operation of the engine.

1,578,229. HEEL-BUILDING MACHINE. ERASTUS E. WINKLEY, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Nov. 25, 1918, Serial No. 263,994. Renewed May 28, 1923. 66 Claims. (Cl. 12—50.)



1. A heel-building machine having, in combination, means for feeding strips of sheet material, a reciprocable straight knife for cutting a series of polygonal lifts therefrom, means for superposing said lifts in a pile, and means for securing said lifts together to form a heel-block.

1,578,230. TRENCH SUPPORTING. JOHN P. CARROLL, Chicago, Ill. Filed June 8, 1925. Serial No. 35,712. 7 Claims. (Cl. 25—131.5.)



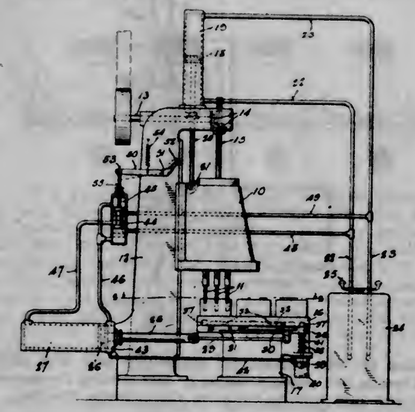
1. The method of constructing a trench and wall therein, which consists in digging the trench and supporting the sides by means of suitable sheathing and two-part shoring members, then making a form which will enclose one part of each shoring members, then filling the form with concrete, thereby embedding such parts of the shoring members therein, and finally removing the other portions of the shoring members and the removable portions of the wall supports and forms.

1,578,231. REEL. LOUIS GOMEZ DUARS and ANTONIO DE MENDOZA, Mexico, Mexico, assignors to Camex Displays Corporation, New York, N. Y., a Corporation of Nevada. Filed Oct. 6, 1925. Serial No. 60,924. 4 Claims. (Cl. 242—74.)



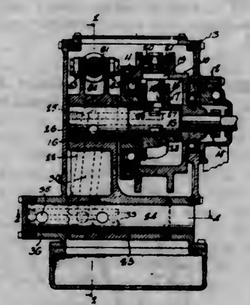
1. A reel having hub members adapted to telescope together and to rotate relatively to one another and to receive and grip a strip or flexible element between them, said members having portions adapted to interengage by relative rotation of said members to prevent longitudinal separation of said members until they are rotated reversely relatively to another.

1,578,232. HYDRAULIC INDEXING MECHANISM. WALTER FERRIS, Milwaukee, Wis., assignor to The Oilgear Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed June 11, 1923. Serial No. 644,713. 8 Claims. (Cl. 77—64.)



1. In a machine of the character described having a tool carrier and work support the combination of hydraulically actuated feed mechanism for effecting relative reciprocation between said carrier and support, a variable displacement pump for driving said mechanism and for controlling the speed of operation thereof, indexing mechanism, and fluid connections between said pump and said indexing mechanism for effecting an intermittent operation thereof in timed relation with respect to the operation of said feed mechanism.

1,578,233. HYDRAULIC PRESS. WALTER FERRIS, Milwaukee, Wis., assignor to The Oilgear Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Mar. 24, 1924. Serial No. 701,356. 19 Claims. (Cl. 138—17.)

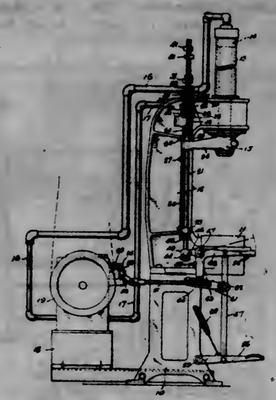


1. In a hydraulic press the combination of a plunger, and hydraulic means for operating said plunger, comprising a variable displacement pump automatically operable to advance said plunger at a predetermined rate and to maintain a predetermined pressure between said plunger and work against leakage losses.

1,578,234. CONTROL MECHANISM FOR HYDRAULIC DRIVES. WALTER FERRIS, Milwaukee, Wis., assignor to The Oilgear Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed May 9, 1924. Serial No. 712,157. 14 Claims. (Cl. 138—17.)

1. In a machine of the character described the combination of a reciprocating member, driving means there-

for, means automatically operable in one direction to vary the rate of movement of said member, means con-



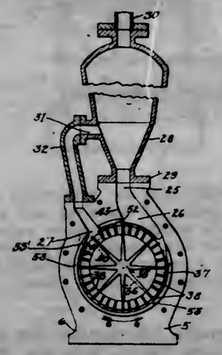
trolled by said member for controlling said rate varying means, and means actuated by said member for operating said rate varying means in the opposite direction.

1,578,235. GILSONITIC PRODUCT AND ITS MANUFACTURE. CHARLES N. FORREST, Rahway, and HAROLD P. HAYDEN, Raritan Township, Middlesex County, N. J., and ORIN R. DOUTHETT, Beaver Falls, Pa., assignors to The Barber Asphalt Company, Philadelphia, Pa., a Corporation of West Virginia. Filed Aug. 28, 1919. Serial No. 320,514. 22 Claims. (Cl. 260—159.)

5. The process of preparing sulphonation reaction products from gilsonitic material which comprises subjecting the gilsonitic material to sulphuric purification, thereby removing organic bases, olefines, or other impurities; and subjecting the thus purified material to the action of a sulphonating reagent under sulphonating conditions.

15. A gilsonitic sulphonic material; serviceable as an agent for the hydrolysis of glycerides; detergent; and characterized by a radical whose alkali salts and free acid are water-soluble, but whose alkaline earth salts are water-insoluble.

1,578,236. CENTRIFUGAL PUMP. HARRY E. LA BOUR, Chicago, Ill. Filed Mar. 4, 1922. Serial No. 541,030. 41 Claims. (Cl. 103—103.)

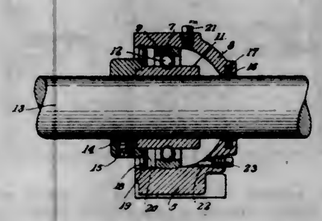


3. The method of priming a centrifugal pump containing gas, which comprises rotating the impeller and simultaneously introducing liquid peripherally into the impeller at a point posterior to the normal discharge opening.

18. A pump casing, comprising two halves divided along a vertical plane, one half having an opening for permitting the entry of an impeller shaft, the other half having an opening in the central portion thereof, serving as an inlet for liquid, a cylindrical channel or race-way within the casing, a runner or impeller mounted in said race-way or channel, a discharge connection at the top of the casing, said casing having a substantially tangential outlet connection formed partly in each half, an auxiliary inlet connection formed partly in each half of the pump casing, said inlet connection formed partly in each half of the pump casing, said inlet connection opening substantially radially into said channel, at a point adjacent the discharge or outlet connection, posterior to said discharge or outlet connection and a discharge connection having an enlargement extending upwardly above the pump, said outlet connection having communication with the auxiliary inlet connection.

31. The method of operating a centrifugal pump having a casing and an impeller to cause it to evacuate its suction pipe, which comprises trapping a body of water in the casing in contact with the impeller, whirling the impeller to mix the liquid with the air in the casing, drawing the mixture out of the casing of the pump into a closed separating chamber, developing pressure in said chamber, separating the liquid from the air in said chamber, returning the liquid peripherally into the casing, and stopping the flow of liquid from the separating chamber when the air is substantially exhausted, by the increasing peripheral pressure of the solid liquid.

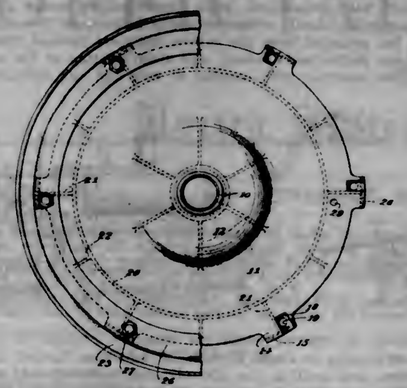
1,578,237. SELF-ALIGNING SHAFT BEARING. HARRY R. REYNOLDS, New Britain, Conn., assignor to The Fafnir Bearing Company, New Britain, Conn., a Corporation of Connecticut. Filed May 13, 1924. Serial No. 712,931. 2 Claims. (Cl. 308—189.)



1. In a pillow block for shafts, a one piece main body having an integral spherical seat with an entrance notch at one side, an outer bearing ring having its outer surface formed to fit said seat, an inner bearing ring, antifriction bearing members between said bearing rings, said spherical seat and correspondingly-shaped outer ring serving to permit orientation to compensate for misalignment of a shaft passing through said inner ring, said main body being extended at one side so as to permit the angular assembly of said outer bearing ring with said sperical seat and to provide an integral closure to loosely surround a shaft extending through the inner ring, separate means for closing said housing at the opposite side, and means extending outside of the last mentioned closing means to lock the inner bearing ring on a shaft.

1,578,238. CAST-METAL VEHICLE WHEEL. THOMAS RICE DAVIS, Fairfield, Conn., assignor to The Eastern Malleable Iron Co., Bridgeport, Conn., a Corporation of Connecticut. Filed May 29, 1924. Serial No. 16,585. 11 Claims. (Cl. 301—65.)

8. In a vehicle wheel, a casting including an integral hub and web structure including a circular web portion, a cylindrical brake drum integrally formed upon the periphery of said circular web portion, said web structure including spaced radial extension portions formed integrally with said circular web portions and extending radially outward from said brake drum, rim seats formed



integrally upon the ends of said extension portions, and a demountable rim engaged upon said seats and means adapted to secure said rim to said seats.

1,578,239. CAST-METAL VEHICLE WHEEL. THOMAS RICE DAVIS, Fairfield, Conn., assignor to The Eastern Malleable Iron Co., Bridgeport, Conn., a Corporation of Connecticut. Filed Feb. 25, 1925. Serial No. 11,448. 4 Claims. (Cl. 301—65.)



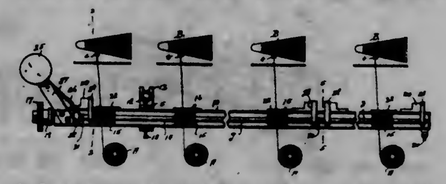
1. In a vehicle wheel, a casting including an integral hub and circular web portion, an annular rim seat on said web portion, spaced rim seats formed integrally with said web portion, radial reinforcing ribs integrally formed between said spaced rim seats and said web portion, a demountable rim engaging said annular seat at its forward portion and said spaced rim seats at their rearward portion, and means adapted to secure said rim to said seats.

1,578,240. SMALL COIN SAVINGS BANK. HARRY S. GOODMAN, Chicago, Ill., assignor to Bankers Thrift Corporation, Chicago, Ill., a Corporation of Illinois. Filed Mar. 7, 1923. Serial No. 623,320. 7 Claims. (Cl. 232—6.)



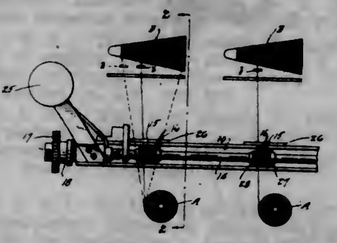
1. A coin bank made in the form of a house or cottage having a base member provided with an upstanding rim and horizontally extending ledges within said rim and upright members resting on said ledges and having inwardly extending flanges, said base member ledges being provided with flexible members adapted to be bent over said flanges and thereby hold the upright members in position.

1,578,241. YARN-TREATING MECHANISM FOR WINDING MACHINES. JAMES A. JOHNSON, Danville, Va., assignor to Danville Conditioning Machine Company, Danville, Va., a Corporation of Virginia. Filed Aug. 6, 1921. Serial No. 490,253. 8 Claims. (Cl. 28—59.)



1. In a yarn treating tank, a roller mounted therein, the tank being adapted to hold water and the roller being partially submerged in the tank, means for guiding yarn over and in contact with the roller, and means for rotating the roller, the roller being formed with a series of longitudinally extending liquid holding recesses, each of these recesses having a radially extending wall and a wall inclined from the inner end of the radial wall of the outer face of the roller and in the direction of rotation of the roller.

1,578,242. YARN-TREATING MECHANISM FOR WINDING MACHINES. JAMES A. JOHNSON, Danville, Va., assignor to Danville Conditioning Machine Company, Danville, Va., a Corporation of Virginia. Filed Feb. 2, 1922. Serial No. 533,614. 3 Claims. (Cl. 28—59.)

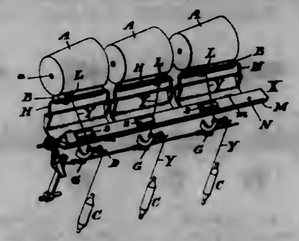


1. Yarn moistening means including a moistening roller, means for rotating the roller in one direction, means for causing the yarn to bear against the periphery of said roller, means for causing the traverse of the yarn longitudinally of the roller, and means for moistening the roller, the roller having elongated conical ends tapering toward the axial center of the roller, the distance between the bases of said conical ends being less than the traverse of the yarn, the total length of the roller being greater than the length of travel of the yarn whereby said yarn in its traverse shall move onto said tapering ends of the rollers, the taper of the roller at its ends being such as to automatically guide the yarn back upon the body of the roller inward of the tapering ends without additional assistance.

1,578,243. CONE-WINDING MACHINE. ADOLPH A. JOHNSON, Hanes, N. C., assignor, by mesne assignments, to Danville Conditioning Machine Company, Inc., Danville, Va., a Corporation of Virginia. Filed Sept. 27, 1922. Serial No. 590,977. 11 Claims. (Cl. 28—59.)

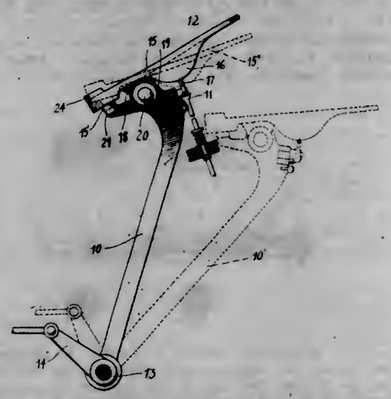
1. A cone winding machine comprising a plurality of cones mounted to revolve about horisontal axes, a plurality of yarn carrying bobbins, means for guiding the yarn from the bobbins to the cones, a horisontally arranged water containing trough interposed between the bobbins and the cones, a horizontally arranged shaft associated with the trough, means for slowly rotating the shaft, collars fixed to the shaft which are of larger diameter than the shaft, are partly submerged in the

liquid and are engaged by the yarn as it passes from the bobbins to the cones, means for causing the yarn to move sidewise relatively to the collars substantially from end



to end thereof, to thus remove lint therefrom while the yarn is being wound and means for holding the yarn in contact with the collars, which when the yarn breaks arrests the moistening operation.

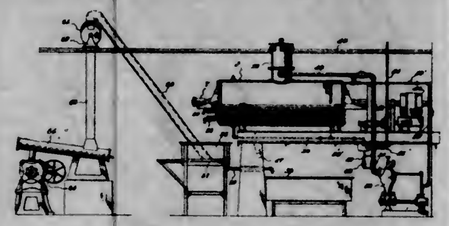
1,578,244. CONTROL MECHANISM FOR AUTOMOBILES. VINCENT HILLFORD, Newark, N. J. Filed Oct. 16, 1924. Serial No. 744,078. 2 Claims. (Cl. 74—81.)



1. In a motor vehicle, in combination, means to actuate the usual brake mechanism of the vehicle, means to control the fuel supply of the vehicle, a pivoted treadle on said first mentioned means whereby a direct pressure by the foot of the operator will cause a braking effect on the vehicle, a normally inoperative connection between said treadle and said fuel controlling means whereby a forward tilting of the treadle by the toes of the operator will cause said means to increase the fuel supply to the vehicle, said connection comprising a transverse lever pivoted on said treadle over said fuel controlling means and a spring to normally keep said lever out of engagement with said fuel controlling means.

1,578,245. PROCESS OF RENDERING FAT AND OIL CONTAINING SOLIDS OF ANIMAL ORIGIN. WILLIAM LAABS, Milwaukee, Wis., assignor to The Allbright-Nell Company, Chicago, Ill. Filed June 22, 1925. Serial No. 38,809. 6 Claims. (Cl. 87—13.)

4. The process of rendering fat containing solids of animal origin which comprises agitating and heating the materials to be rendered at temperatures and pressures not sufficiently high to cause substantial disintegration of the materials and separation of fats and oils therefrom before the moisture content thereof is reduced to 60 percent; then agitating and heating the materials above 240° Fahrenheit while disintegrating steam pressures substantially above atmospheric pressure developed in the material from the natural moisture content thereof are maintained thereon, and disintegration of the materials together with melting of fats and oils contained



therein is effected while the moisture content of the solid residue is above 17 percent; and then further agitating and heating the disintegrated materials at subatmospheric pressures and temperatures below 240° Fahrenheit and removing the moisture therefrom until the moisture content of the solid residue is substantially below 15 percent, and then expressing the solid residue to separate residual fats and oils therefrom.

1,578,246. RADIOCABINET. ALFRED H. HAAG, Baltimore, Md., assignor of forty one-hundredths to Emmor Roberts, Moorestown, N. J., and of twenty one-hundredths to E. Hayward Fairbanks, Merchantville, N. J. Filed Oct. 21, 1925. Serial No. 63,814. 5 Claims. (Cl. 45—52.)



1. In a radio cabinet of the character stated, a horizontally disposed radio supporting shelf extending rearwardly from the cabinet front, a horizontal loud speaker shelf located at a lower level than said first mentioned shelf and extending forwardly so that the rear end of said radio shelf overhangs the front of said loud speaker shelf, and a vertically disposed grill positioned in the upper front portion of the cabinet about on a line with the middle of said radio supporting shelf, whereby when the radio cabinet and loud speaker are assembled, the rear end of the radio cabinet overhangs the base of the loud speaker and the front exit end of the loud speaker overhangs the top of the radio cabinet.

Patents Nos. 1,578,247 to 1,579,198.

THE
OFFICIAL GAZETTE
OF THE
United States Patent Office.

Vol. 344—No. 5. TUESDAY, MARCH 30, 1926. Price—$5 per year.

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T. M. Renewals	88		
Labels	44—No.	30,110 to No.	30,153, inclusive.
Prints	22—No.	8,663 to No.	8,684, inclusive.
Reissues	9—No.	16,299 to No.	16,307, inclusive.
Designs	20—No.	69,791 to No.	69,810, inclusive.
Patents	962—No.	1,578,247 to No.	1,579,198, inclusive.
Total	1,201		

Changes in Personnel.

The following changes took place on March 6, 1926:
Associate Examiner Archibald Lindsey promoted to Principal Examiner in charge of Division 2.
Associate Examiner Orren F. Hunter promoted to Principal Examiner in charge of Division 10.
Associate Examiner Maurice E. Weaver promoted to Principal Examiner in charge of Division 38.

Notice.

Classification Bulletin No. 55, containing changes in classification from July 1, 1925, to December 31, 1925, is now on sale for 10 cents per copy at the Patent Office.

ADJUDICATED PATENTS.

(C. C. A. Ohio) The De Vilbiss patent, No. 839,736, for weighing scale, claims 1–4 *Held* invalid. *Toledo Scale Co.* v. *Computing Scale Co.*, 9 F. (2d) 823.

(C. C. A. Ind.) The Dalen patent, No. 904,183, for a filling mass for receivers for storing explosive gases, *Held* invalid. *American Gas Accumulator Co.* v. *Prest-O-Lite Co.*, 9 F. (2d) 784.

(C. C. A. Wis.) The Ferris patent, No. 988,561, for animal stall, claims 1 and 4 *Held* not infringed. *Helm, Ferris & Co.* v. *Elbert*, 9 F. (2d) 922.

(C. C. A. Ind.) The Dalen patent, No. 1,140,124, for storing mass for acetylene gas, *Held* not infringed. *American Gas Accumulator Co.* v. *Prest-O-Lite Co.*, 9 F. (2d) 784.

(C. C. A. Mich.) The Andrews patent, No. 1,142,223, for irrigating plant, claims 10 and 11 *Held* invalid. *Skinner Irrigation Co.* v. *March Automatic Irrigation Company*, 9 F. (2d) 751.

(D. C. N. Y.) The Clulee patent, No. 1,219,254, for art of making eyeglass rims, claim 8 *Held* valid and infringed. *American Optical Co.* v. *Sharon Optical Co.*, 9 F. (2d) 932.

(C. C. A. Ill.) The Brush patent, No. 1,265,735, for hot plate to heat portion of inlet manifold of internal-combustion engine, claim 8 *Held* not infringed. *Brush* v. *Lexington-Chicago Co.*, 9 F. (2d) 781.

(C. C. A. Ill.) The De Vry patent, No. 1,287,576, for motion-picture projectors, claims 1–4 *Held* invalid. *De Vry Corporation* v. *Acme Motion Picture Projector Co.*, 9 F. (2d) 921.

(C. C. A. Ill.) The De Vry patent, No. 1,308,542, for motion-picture projectors, claims 1–8 *Held* invalid. *De Vry Corporation* v. *Acme Motion Picture Projector Co.*, 9 F. (2d) 921.

(C. C. A. Ill.) The De Vry patent, No. 1,308,543, for motion-picture projectors, claims 1–10, 17, and 18 *Held* invalid. *De Vry Corporation* v. *Acme Motion Picture Projector Co.*, 9 F. (2d) 921.

(D. C. N. Y.) The Clulee patent, No. 1,366,768, for construction for eyeglasses, claims 1, 2, and 3 *Held* valid and infringed. *American Optical Co.* v. *Sharon Optical Co.*, 9 F. (2d) 932.

(D. C. N. Y.) The Schumacher and Boutelle patent, No. 1,384,862, for bridge or mounting for spectacle frames, *Held* invalid. *American Optical Co.* v. *Sharon Optical Co.*, 9 F. (2d) 932.

(C. C. A. Wis.) The Nims and Nims patent, No. 1,459,160, for water circulator for gas engines, claims 1 and 4 *Held* not infringed. *Cramer Mfg. Co.* v. *Nims Pump Co.*, 9 F. (2d) 914.

(D. C. N. Y.) The Gerrard and Wright patent, No. 1,466,334, for machine for cutting and swaging bale ties, claims 1, 2, 3, 5, and 6 *Held* invalid, and, if valid, not infringed. *Gerrard* v. *Cary*, 9 F. (2d) 949.

(C. C. A. N. Y.) The Gerrard and Wright patent, No. 1,466,334, for machine for cutting and swaging bale ties, claims 1, 2, 3, 5, and 6 *Held* invalid. *Gerrard* v. *Cary*, 9 F. (2d) 957.

Condition of Applications Under Examination at Close of Business March 19, 1926.

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 41,196; Trade-Mark Division, 1,983. Oldest new case, Aug. 7, 1925; oldest amended, Sept. 16, 1925. The dates given are 1925 except where † indicates 1926.) Divisions, Examiners, and Subjects of Inventions.	Oldest new application and oldest action by applicant awaiting office action. New.	Amended.	No. of applications awaiting action.
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Harrows and Diggers; Plant Husbandry; Plows; Planting; Scattering Unloaders.	†Jan. 2	†Jan. 4	570
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco	Nov. 30	Nov. 12	592
231	3. RICH, WM. J., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Nov. 28	Dec. 10	991
284	4. MERRITT, A. D., Conveyors, Chutes, Slides, Guides, and Ways; Conveyors, Fluid Current; Conveyors, Power Driven; Excavating; Handling—Hand and Hoist-Line Implements; Material or Article Handling; Pushing and Pulling Implements; Traversing Hoists.	†Jan. 2	†Jan. 7	529
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording and Reproducing; Tying Cards or Strands.	Oct. 15	Oct. 16	859
318	6. LEWERS, A. M., Bleaching and Dyeing; Chemistry; Chemistry—Carbon Compounds; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Substance Preparation; Hides, Skins and Leather; Sugar and Starch; Concentrating Evaporators.	Dec. 11	Nov. 7	1,116
108	7. JARBOE, C. O., Amusement and Exercising Devices; Toys; Optics; Photography	†Jan. 2	†Jan. 2	802
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture	†Jan. 1	†Jan. 3	985
221	9. TRYON, F. M., Air and Gas Pumps; Hydraulic Motors; Injectors and Ejectors; Motors, Fluid; Motors, Fluid Current; Pumps.	Dec. 7	Oct. 28	532
118	10. HUNTER, O. F. (Acting), Motor Vehicles; Land Vehicles—Animal Draft Appliances, Bodies and Tops, Dumpers.	Dec. 5	Dec. 5	965
149*	11. ARMSTRONG, H. C., Boot and Shoe Making; Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whips and Whip Apparatus; Cutting and Punching Sheets and Bars; Drives, Headed, and Screw-Threaded Fastenings.	†Jan. 2	Dec. 30	710
200	12. PIERCE, F. P., Machine Elements	Dec. 21	Dec. 21	623
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning.	Dec. 30	†Jan. 20	583
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Dec. 1	Dec. 10	928
220	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics	†Jan. 2	†Jan. 7	578
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony	Dec. 5	Dec. 7	878
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Dec. 5	Dec. 2	416
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Nov. 17	Nov. 17	806
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	Nov. 28	†Jan. 15	511
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking	†Jan. 4	†Jan. 2	770
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing	Dec. 24	Dec. 20	479
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms; Ordnance; Ammunition and Explosive Devices; Ammunition and Explosive-Charge Making; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Dec. 21	†Jan. 2	560
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.	Nov. 3	Nov. 20	262
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Dec. 24	†Jan. 13	475
314	25. LIGHTFOOT, J. H., Agitating; Butchering; Centrifugal-Bowl Separators; Cutlery; Mills; Threshing; Vegetable and Meat Cutters and Comminutors; Gas Separation.	†Jan. 4	†Jan. 2	831
289*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants	Sept. 29	Oct. 8	764
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	†Jan. 20	†Jan. 11	518
235	28. BENSON, A. R., Internal-Combustion Engines	†Jan. 18	†Jan. 19	719
160*	29. MORRIS, B. N., Abrading; Boring and Drilling; Button Making; Chucks or Sockets; Coopering; Tool-Handle Fastenings; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Aug. 7	Sept. 16	1,120
248	30. SULLIVAN, M. B., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	†Jan. 2	†Jan. 2	773
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	†Jan. 23	†Jan. 21	742
249	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange	Dec. 1	Dec. 5	609
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	†Jan. 14	†Jan. 27	689
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways; Railway Rolling Stock; Railway Switches and Signals; Railways, Surface Track; Railway Wheels and Axles; Snow Service; Track Sanders; Vehicle Fenders.	Oct. 16	Oct. 17	677
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	†Jan. 14	†Jan. 27	539
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring	Dec. 12	Dec. 24	1,031
226*	37. TAYLOR, E. C., Electricity, Circuit Makers and Breakers	Dec. 12	Dec. 17	937
145	38. IDE, G. B., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Oct. 27	Oct. 30	822
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution	Dec. 30	†Jan. 16	449
220	40. OBERLIN, J. J., Baggage; Bottles and Jars; Cloth, Leather, and Rubber Receptacles; Deposit and Collection Receptacles; Metallic Receptacles; Package and Article Carriers; Paper Receptacles; Special Receptacles and Packages; Wooden Receptacles.	Dec. 19	Dec. 19	1,089
126	41. BROWN, J. L., Land Vehicles, Wheels and Axles; Resilient Tires and Wheels; Wheel Substitutes	Dec. 26	Dec. 30	423
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling	Dec. 11	Dec. 8	1,033
134*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spittoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Dec. 8	Dec. 8	837
263	44. SHAFFER, C. H., Bread, Pastry, and Confection Making; Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Oct. 1	Sept. 25	908
270	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides	†Jan. 4	Dec. 28	547
283	46. WOLCOTT, C. L., Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Dec. 3	Dec. 3	657
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices	Nov. 27	Nov. 30	1,103
219*	48. ROEPKE, O. B., Electricity, Conductors; Electricity, General Applications	Oct. 10	Oct. 17	1,657
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Pneumatics; Velocipedes; Driers; Liquid Separation or Purification	†Jan. 2	†Jan. 2	566
222	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics	Nov. 16	Nov. 19	1,200
250*	51. BACKUS, C. D., Radiant Energy, Wave Transmission; Electric Lamps	Nov. 13	Oct. 28	1,732
144	52. MORGAN, E. T., Supports; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings.	†Jan. 9	†Jan. 2	630
241*	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	†Jan. 8	†Jan. 19	749
102	Dessens: C. O. MARKHAM (Acting)	†Feb. 25	†Mar. 5	402
163	Trade-Mares, Labels, and Prints: T. L. MEAD, Jr. Trade-Marks	†Feb. 6	†Feb. 23	1,861
	Labels and Prints	†Feb. 19	†Mar. 5	101

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decision.

THE DURO PUMP & MANUFACTURING COMPANY *v.* CALIFORNIA CEDAR PRODUCTS COMPANY.

Decided July 16, 1924.

(Reversed by the Court of Appeals of the District of Columbia. See p. 1058 post.)

Opposition No. 4,531.

ON APPEAL.

TRADE-MARK FOR WALL BOARD.

Application of the California Cedar Products Company filed April 1, 1922, Serial No. 161,620, published October 10, 1922.

Mr. F. L. Walker for The Duro Pump & Manufacturing Company.

Mr. Percy S. Webster and *Mr. E. J. Clarkson* for the California Cedar Products Company.

KINNAN, *First Assistant Commissioner:*

This is an appeal by The Duro Pump & Manufacturing Company from the decision of the Examiner of Interferences dismissing its opposition to the registration of a trade-mark for wall board by the California Cedar Products Company.

The mark sought to be registered consists of the word "DurO," the letters of which are associated with a rectangular piece of wall board, two of the corners of the rectangle extending one through the "D" and the other through the "O" and the letters "u" and "r" being of smaller size than the "D" and the "O" and placed over the rectangular outline, the representation of the piece of wall board being disclaimed except in connection with the mark as shown.

The opposition is based on two grounds, first, that The Duro Pump & Manufacturing Company has long been engaged in the manufacture and sale of residence water systems, consisting of pneumatic pressure systems for pumping, storing, and supplying water and other fluids, and parts and appurtenances thereof, including pumps, fluid-pressure motors, explosive engines, and parts thereof, electric motors, etc., to which they have applied the trade-mark "Duro", and that the goods of the respective parties are such that the contemporaneous use of the two marks thereon would be likely to cause confusion in the mind of the public; and, second, that the mark sought to be registered is substantially the corporate name of the opposer.

The Examiner of Interferences held that the goods were of entirely different descriptive properties and that the mark sought to be registered was not merely the corporate name of the opposer.

In my opinion the Examiner of Interferences properly held that the goods are not of the same descriptive properties. They are for entirely different purposes; they are not usually handled by the same class of dealers; the goods of the applicant are not such as would be made by opposer in the normal expansion of its business. No reason is seen, therefore, for believing that any one familiar with the products of the opposer would, on seeing applicant's mark on wall board, conclude that the wall board was made by the opposer.

No decision is cited, and I am aware of none, which holds that goods so different as those of the two parties to this proceeding can be regarded as goods of the same descriptive properties. In all the cases where such a holding has been made there has been some connection between the goods or their use or there has been some relation to lead one to suppose that the public would confuse either the goods or their origin.

In the case of *Aunt Jemima Mills Co.* v. *Rigney & Co.*, 247 Fed. Rep. 407, where the court enjoined the use of a mark on sirup which had been previously used on pancake flour, the court said:

> • • • But we think that goods, though different, may be so related as to fall within the mischief which equity should prevent. Sirup and flour are both food products, *and food products commonly used together.* Obviously the public, or a large part of it seeing this trade-mark on a sirup, would conclude that it was made by the complainant. (Italics mine.)

It is to be noted that the court pointed out that sirup and flour are commonly used together, meaning, it is understood, that sirup is commonly used on pancakes.

The same thought of some connection between the goods or the uses to which they are put will be found to run through all the decisions.

In the case of *Johnson Educator Food Company* v. *Sylvanus Smith & Co., Inc.*, 175 O. G. 268; 37 App. D. C. 107, the Court of Appeals of the District of Columbia held that crackers are not goods of the same descriptive properties as canned salmon; and in the case of *The Muralo Co.* v. *National Lead Co.*, 165 O. G. 475; 36 App. D. C. 541, held that calcimine and white lead are not goods of the same descriptive properties.

Opposer's corporate name is The Duro Pump & Manufacturing Co. The mark sought to be registered is not merely the word "Duro," but that word arranged in a peculiar and particular way. The word "Duro" as appearing in applicant's mark being, therefore, not the entire corporate name of the opposer and being written in a peculiar way, it is not deemed that it can be held to be "merely" the corporate name of the opposer. The case is thought to be clearly distinguishable from cases such as *Simplex Electric Heating Co.* v. *The Ramey Co.*, 243 O. G. 793; 46 App. D. C. 400, and the recent decision in *National Cigar Stands Co.* v. *Frishmuth Bros. & Co., Inc.*, 297 Fed. Rep. 348; 324 O. G. 675; 54 App. D. C. 275.

In the latter case the mark sought to be registered was the word "Nationals" written on a slant with a paraph extending from the letter "s" under

the other letters, whereas the corporate name of the opposer included as a prominent part thereof the word "National." The mere writing of a paraph under the letters was not regarded by the court as being in any way an identifying or distinguishing manner of writing the word. In the instant case the letters "DurO" are somewhat suggestive of durability and it is thought the public would be more likely to note this suggestion than that the entire mark could be twisted into a part of the corporate name of the opposer. It should be noted, further, that the word "Duro" has been repeatedly registered as a trade-mark for various classes of goods long prior to opposer's date of incorporation.

The decision of the Examiner of Interferences is affirmed.

Court of Appeals of the District of Columbia.

THE DURO PUMP & MANUFACTURING COMPANY v. CALIFORNIA CEDAR PRODUCTS COMPANY.

No. 1,764. Decided February 1, 1926.

1. TRADE-MARKS — CORPORATE NAMES — DESCRIPTIVE PROPERTIES.

It is apparent from the language used in *American Steel Foundries* v. *Robertson, Commissioner of Patents*, and *Simplex Electric Heating Co.*, 342 O. G. 711, that the Supreme Court did not intend to rule that identity of the descriptive properties of the goods of two parties was controlling where one had taken for its mark the distinguishing part of the corporate name of the other.

2. SAME—SAME—SAME—CONFUSION OF IDENTITY.

Where under the facts before the court The Duro Pump & Manufacturing Company was the originator of the mark "Duro" and the word had become so identified with that particular corporation when the California Cedar Products Company adopted the word as its trade-mark that whenever used it designated to the mind The Duro Co., *Held* that concurrent use would tend to confusion of the identity of The Duro Co., the products of both companies being used in residences, although their descriptive properties were technically different.

3. APPEAL TO COURT OF APPEALS, DISTRICT OF COLUMBIA.—MATTERS ALLEGED IN THE BRIEF BUT NOT MENTIONED IN THE RECORD.

An attempt to supplement the record by reference in appellee's brief to certain alleged registrations in the Patent Office not mentioned in the record can not avail on appeal from the Commissioner of Patents to the Court of Appeals of the District of Columbia.

Appeal from Patent Office. Reversed.

Mr. H. A. Toulmin, Mr. H. A. Toulmin, jr., and *Mr. W. L. Symons* for The Duro Pump & Mfg. Co.

Mr. C. H. Riordon for California Cedar Products Co.

(*For Commissioner's decision, see p. 1057 ante.*)

Before MARTIN, Chief Justice, ROBB, Justice, and SMITH, Judge U. S. Court of Customs Appeals.

ROBB, *J.*:

Appeal from a decision of the Patent Office in a trade-mark proceeding brought by the Duro Pump & Manufacturing Co., hereinafter called the Duro Co., and opposing the registration by the California Cedar Products Co. of the word "Duro" as a trade-mark.

The Patent Office tribunals ruled that the goods of the respective parties possessed different descriptive properties and that the word "Duro", having been written by applicant in such a peculiar way as not to constitute "merely" the distinguishing word in the corporate name of the opposer, was registrable.

The predecessor of the Duro Co., or the Burnett-Larsh Mfg. Co., early in January of 1916 adopted "Duro" as its trade-mark and extensively advertised the same. Its business was the manufacture and sale of pneumatic pressure systems for pumping, storing and supplying water to residences, and included pumps, fluid-pressure motors, explosive engines and necessary electrical apparatus. This business soon attained large proportions and the evidence showed that the mark came to represent and identify the product and the company. For this reason, the Duro Co. was incorporated in 1921 and took over the business, goodwill and trade-mark of the old company. At that time the volume of business amounted to about $2,000,000 per year. Under the facts before us, the Duro Co. was the originator of the mark "Duro".

The California Cedar Products Co. alleges in its applications for registration that it adopted its mark in 1922, "for wall-board in Class 12, Construction materials", which the company manufactures and sells in the same territory covered by the opposer. The president of the company testified that he "coined" the word "Duro" himself.

American Steel Foundries v. *Robertson, Commissioner of Patents*, and *Simplex Electric Heating Co.*, decided January 4, 1926 [342 O. G., 711], in the Supreme Court of the United States, involved the right of the first-named company to register the mark "Simplex," the goods of the two parties being of different descriptive properties. "The effect of assuming a corporate name," says the Court, "by a corporation under the law of its creation is to exclusively appropriate that name. It is an element of the corporation's existence," and that in some degree at least the natural and necessary consequence of a wrongful appropriation of that name is to injure the business and rights of the corporation by destroying or confusing its identity. The Court further said:

> Where the appropriation of the corporate name is complete, the rule of the statute, by its own terms, is absolute and the proposed mark must be denied registration without more. But where less than the whole name has been appropriated, the right of registration will turn upon whether it appears that such partial appropriation is of such character and extent that, under the facts of the particular case, it is calculated to deceive or confuse the public to the injury of the corporation to which the name belongs. The fact, for example, that the articles upon which the mark is used are not of the same description as those put out by the corporation, is entitled to weight, since the probability of such confusion and injury in that situation obviously is more remote than where the articles are of like kind. The cases, naturally, present varying degrees of difficulty for the application of the rule.

[1] It is apparent from the language already quoted that the Supreme Court did not intend to rule that identity of the descriptive properties of the goods of two parties was controlling where one had taken for its mark the distinguishing part of the corporate name of the other. This is made even plainer in subsequent language of the Court, as follows:

> There may be, of course, instances where a single word in the corporate name has become so identified with the particular corporation that whenever used it designates to the mind of the public that particular corporation. But here it is not shown that, standing alone, the word "Simplex" has that effect; that it is any more calculated to denote to the public the defendant corporation than any of the other corporations in the names of which it is likewise embodied; or, indeed, that it signifies the appropriation of some corporate name though incapable of exact identification.

[2] In the Simplex case, the Court observed that the word "Simplex" comprises the whole or a part of about 60 registrations by nearly as many parties upon many kinds of merchandise, that it formed part of the names of other corporations in the country, and hence did not identify any corporation in particular; that it merely was one of a large class of words which had been used for a great many years because of their suggestive meaning, including such words as Acme, Anchor, Champion, Eureka, Excelsior, Ideal, Jewel, Liberty, etc. In the present case, when the California Cedar Products Co. adopted the word "Duro" as its trade-mark, that word had "become so identified with the particular corporation" (the Duro Co.) that whenever used it designated to the mind "that particular corporation." While the descriptive properties of the products of the two companies are technically different, both are used in residences and, under the evidence, we are constrained to the view that their concurrent use would tend to confusion of the identity of the Duro Co. If the California Cedar Products Co. were permitted to use this mark, which has come to represent the Duro Co., and its product to the public, other companies likewise might use it, with resultant loss of identity of the Duro Co.

[3] Appellee's counsel refers in his brief to certain alleged registrations in the Patent Office not mentioned in the record. Obviously, this attempt to supplement the record can not avail here, where the case must be decided upon the record made below. What effect, if any, these alleged registrations would have had upon our decision, had they been of record, we need not and do not determine.

It results that the decision is reversed.

Reversed.

Supreme Court of the United States.

INDEPENDENT WIRELESS TELEGRAPH COMPANY v. RADIO CORPORATION OF AMERICA.

Decided March 1, 1926.

CERTIORARI—REHEARING—QUESTION RAISED FOR THE FIRST TIME IN PETITION.

Where a bill in equity filed by the Radio Corporation of America made the specific averment that it had the rights of an exclusive licensee, and both courts below found that it had the exclusive rights as sublicensee which it claimed, the Supreme Court refused to examine this question when raised for the first time on a petition for rehearing of the case after its opinion had been rendered on certiorari, holding that the Radio Corporation properly made the De Forest Company a cocomplainant; but the Court directed that the mandate include a provision that further proceedings should be without prejudice to the right of the Independent Wireless Company to raise the issue whether the Radio Corporation had the rights as an exclusive sublicensee which it averred in its bill.

Mr. Wm. H. Davis for Independent Wireless Telegraph Company.

Mr. John W. Davis for Radio Corporation of America.

Mr. Chief Justice TAFT delivered the opinion of the Court.

This is a petition for rehearing of a case in which the opinion was handed down January 11th last. [344 O. G. 3.] The case was a bill in equity in the District Court for the Southern District of New York, filed by the Radio Corporation to enjoin the Independent Wireless Company from infringing the rights of the Radio Company, which were averred in its bill to be those of an exclusive sublicensee of the patentee, the De Forest Radio Telegraph & Telephone Company, in respect of the use of certain radio apparatus for commercial communication between ships and shore for pay. The Radio Company made the De Forest Company a cocomplainant in the bill, reciting that it had asked the De Forest Company to become a cocomplainant, and that it had refused; that the De Forest Company was a resident of Delaware, was beyond the jurisdiction of the District Court for the Southern District of New York, and could not be served with process, and that under such circumstances it had the right to use the name of the De Forest Company as cocomplainant without its consent. A motion to dismiss the bill was granted by the district court for lack of the presence of the patentee as a party, and an appeal was taken from the decree of dismissal to the circuit court of appeals. The latter court reversed the decree of dismissal and remanded the case for further proceedings. Thereupon an application was made to this Court for certiorari, and the certiorari was issued. In the opinion already rendered, January 11th last, this Court held that the Radio Corporation properly made the De Forest Company a cocomplainant with it in the bill without its consent, and therefore that the action of the circuit court of appeals in reversing the decree of the district court dismissing the bill was right. The petition for rehearing on behalf of the Independent Wireless Company now filed, raises the question whether the Radio Corporation is an exclusive sublicensee of the patentee, the De Forest Company, under the contracts from which the Radio Company derives its rights, and which are exhibits to the bill. It is the first time that this question has been made in this Court. The bill which was dismissed makes the specific averment that the Radio Corporation did have the rights of an exclusive licensee. Both the district court and the circuit court of appeals found from the contracts as exhibited that the Radio Company had the exclusive rights as sublicensee which it claimed. The briefs for the Independent Wireless

Company did not raise any question on this point in this Court, nor was it mentioned in that company's petition for certiorari. Its whole argument therein was devoted to the issue whether, assuming that the Radio Company was an exclusive licensee, it could make the patentee company, the De Forest Company, a cocomplainant. As the district judge remarked in his opinion, the contracts out of which the Radio Company's alleged exclusive license arises are complicated, and this Court, in view of the decision of both the lower courts, holding such exclusive rights in the Radio Company as a licensee to exist, decided the case on the basis of those rights. In view of the course of the Independent Wireless Company in not making this point in its petition for certiorari, briefs or argument, we do not propose to examine this question now raised for the first time. Our writ of certiorari was granted solely because of the importance the question of patent practice decided in our opinion already announced. However, as the case must now be remanded to the district court for further proceedings, we have no wish by action of ours to preclude the defendant below from making the point unless it is prevented by his course in the courts below. We therefore direct the mandate to include a provision that the further proceedings to be taken shall be without prejudice, by reason of anything in the opinion or decree of this Court, to the right of the Independent Wireless Company to raise the issue, by answer or otherwise, whether the Radio Corporation has the rights as an exclusive sublicensee, which it avers in its bill. With this reservation, the petition for rehearing is denied.

Court of Appeals of the District of Columbia.

DE FOREST *v.* HARTLEY AND WHITE. WHITE *v.* DE FOREST AND HARTLEY.

Nos. 1,761 and 1,762. Decided January 4, 1926.

INTERFERENCE—REDUCTION TO PRACTICE—BY FELLOW EMPLOYEES OF COMMON ASSIGNEE—DILIGENCE.

Where Heising tested Hartley's invention and conceived an improvement while testing it, the tests constituting a reduction to practice of Hartley's invention, and Hartley and Heising were employees of a common assignee, working toward the same end, their diligence or lack of diligence enured to the benefit of or was chargeable against their employer and assignee.

APPEALS from Patent Office. Affirmed.

Mr. S. E. Darby, Mr. S. E. Darby, jr., Mr. C. M. Thomas, and *Mr. F. D. Thomas* for De Forest.

Mr. F. T. Woodward, Mr. G. W. Rich, and *Mr. J. W. Schmied* for Hartley.

Mr. A. D. Lunt, Mr. H. E. Dunham, and *Mr. Ira J. Adams* for White.

Before MARTIN, Chief Justice, ROBB, Justice, and SMITH, Judge U. S. Court of Customs Appeals.

ROBB, *J.*:

Appeals from a decision of the Patent Office in an interference proceeding awarding priority to the party Hartley.

The invention relates to wireless signaling systems that involve the use of an audion or "electron discharge device" for producing continuous electrical waves of radiofrequency. The audion is provided with three electrodes, designated plate, grid, and filament. In these systems it was usual to apply modulating potentials of audio or speech frequencies to certain of the audion circuits to vary the amplitude of the radiofrequency waves to transmit intelligence. The improvement over the prior art essentially consists in applying in such systems the audiofrequency potentials to "the plate circuit" of the audion. Certain of the counts define the apparatus; others the method. Some include an antenna, while others specify merely the oscillation circuit. Counts 1, 5 and 8 are sufficiently illustrative and are here reproduced:

1. The combination in a wireless signalling system of an antenna, means comprising an electron discharge device having plate and grid circuits associated therewith for producing continuous electrical waves of radio frequency in said antenna, and means for supplying a potential which varies at audio frequencies to the plate circuit of said electron discharge device to vary the amplitude of the waves produced.

5. The method which consists in producing continuous electrical waves by means of an electron discharge device having grid and plate circuits associated therewith and varying the amplitude of the waves thus produced by directly applying a variable potential to the plate circuit of said device.

8. The combination of an oscillation circuit with means comprising an electron discharge device having plate and grid circuits associated therewith for producing continuous electrical waves of high frequency in said oscillation circuit, and means for supplying a potential which varies at audio frequencies to the plate circuit of said electron discharge device to vary the amplitude of the waves produced.

The parties White and Hartley have taken testimony, but De Forest has not. The Examiner of Interferences ruled that Hartley had established conception prior to any date available to White or De Forest, but he awarded priority to De Forest as to claims 1 to 11, inclusive, on the ground that Hartley was lacking in diligence. As to counts 12 and 13, the award went to White, on the ground that De Forest could not make these claims in his earlier application; in other words that, on the record, White was prior to De Forest as to these claims, and that in the view of the Examiner Hartley, while first to conceive these claims, was lacking in diligence.

The Board of Examiners in Chief concurred in the ruling of the Examiner that Hartley was first to conceive all the counts of the issue, but reversed the final decision of the Examiner, on the ground that Hartley's conception had been followed by reduction to practice prior to conception by either White or De Forest.

The [First] Assistant Commissioner also reviewed the evidence and affirmed the decision of the Board.

Hartley is an engineer in the research department of the Western Electric Company, the assignee of Hartley and real party in interest here. On or about February 15, 1915, Hartley submitted a report to the company in which he reviewed the various systems that had been given consideration by his department. In this report he made reference to the possibility of obtaining modulation by superimposing speech voltage "on the grid of an oscillator," and illustrated this suggestion by two sketches, one of which conforms essentially to the application drawing in this case. If, therefore, the application discloses the invention, so likewise does the sketch; and, since no motion was filed challenging Hartley's right to make the counts responding to this sketch, such disclosure must be assumed here.

Shortly after this a Mr. Heising, another research engineer in the same department with Hartley, tested Hartley's apparatus, and when called to the witness stand stated that both plate and gird modulation was effected. Heising, while testing the Hartley system, as disclosed by the sketch to which reference has been made, conceived an improvement consisting in the insertion of an adjustable resistance in the oscillation circuit. These tests were completed sometime prior to March of 1915, and a memorandum was filed with the patent department of the company a little later. In May of the same year a patent application for the improved system was authorized, and shortly thereafter drawings were begun which resulted in the filing of an application in Heising's name during the following September. The invention of the present issue is clearly disclosed in this Heising application.

We agree with the Board and [First] Assistant Commissioner that these tests by Heising constituted a reduction to practice of the Hartley invention. *Hathaway v. Field, Lanning and Colman*, 48 App. D. C. 369. Hartley and Heising were employees of a common assignee, were working toward the same end, and their diligence or lack of diligence enured to the benefit of or was chargeable against their employer and assignee.

We are not unmindful of the contentions of both De Forest and White as to the sufficiency of the evidence concerning the Heising tests. But, as pointed out by the [First] Assistant Commissioner, there can be no doubt that these tests were made, and there is no reason why the testimony of these highly skilled and reputable witnesses should not be accepted. Error on the part of the Patent Office tribunals, in a case involving such highly technical subject matter as is presented here, would have to be made very clear to warrant or justify us in disturbing the conclusions reached.

Since reduction to practice has been established for Hartley prior to the conception of either of the other parties, and no concealment or abandonment followed, the delay on the part of his assignee in filing the application presents no bar to the award of priority to Hartley. The decision therefore is affirmed, in each appeal.

Affirmed as to No. 1,761.

Affirmed as to No. 1,762.

Note.—Decisions of the Commissioner of Patents affirmed January 4, 1926, in the following cases for the reasons stated in the foregoing decision: *White v. Hartley*, No. 1,763; *De Forest v. Hartley*, No. 1,767; *De Forest and Logwood v. Hartley*, No. 1,768.

PATENT SUITS.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

914,678, F. Skelton, Handle for shovels, spades, etc.; 1,240,503, same, Reenforced D handle, suit filed Jan. 28, 1926, D. C. Mass., Doc. E 2525, *W. E. Skelton et al. v. Ames Shovel & Tool Co.*

917,715, L. E. Curtis, Machine for expanding sheet metal, suit filed Dec. 24, 1925, D. C., N. D. Ill. (E. Div.), Doc. 5436, *Northwestern Expanded Metal Co. v. Fort Dearborn Mfg. Co.*

1,050,441, R. A. Fessenden, Electric signaling apparatus; 1,050,728, same, Signaling; 1,113,149, E. H. Armstrong, Wireless receiving system, suit filed Jan. 26, 1926, D. C., S. D. N. Y., Doc. E 35/196, *Westinghouse Electric & Mfg. Co. et al. v. Eastern Coil Corp.*

1,050,728. (See 1,050,441.)

1,113,149. (See 1,050,441.)

1,186,477, W. M. Grosvenor, Drying or hardening coating, suit filed Dec. 10, 1925, D. C., N. D. Ill. (E. Div.), Doc. 5368, *A. S. Nichols Co. v. Wenborne-Karpen Dryer Co. et al.*

1,192,336, S. Mueller, Method of and machine for folding noodles; 1,217,891, same, Method of folding noodles; Des. 42,608; same, Noodle or macaroni, appeal filed Jan. 26, 1926, C. C. A. (2d Cir.), Doc. 9086, *C. F. Mueller Co. v. A. Zeregas, Consolidated.*

1,217,891. (See 1,192,336.)

1,240,503. (See 914,678.)

1,251,182, F. J. Creque, Ornamenting rubber articles; Des. 52,129, same, Toy balloon, suit filed June 2, 1924, D. C., N. D. Ohio (E. Div.), Doc. 1167, *The Western Reserve Rubber Co. v. The Liberty Rubber Co.* Decree pro confesso Jan. 29, 1926, patents held valid and infringed, permanent injunction granted.

1,256,509, E. D. Belknap, Addressing machine, appeal filed Jan. 27, 1926, C. C. A. (2d Cir.), Doc. 9088, *E. D. Belknap v. Wallace Addressing Machine Co., Inc.*

1,307,733, A. V. Gullborg, Lubricating apparatus; 1,307,734, same, Lubricating means; Re. 14,667, F. D. Winkley, Lubricating system, consent decree Jan. 28, 1926, for plaintiff for injunction, D. C. Mass., Doc. E 2051, *The Bassick Mfg. Co. v. Commonwealth Screw Co.*

1,307,734. (See 1,307,733.)

1,392,629, C. P. Dubbs, Process of converting hydrocarbons; 1,484,445, same, Treating hydrocarbons; 1,488,325, 1,525,281, same, Process for treating petroleum; 1,522,425, same, Treating oils; 1,546,634, same, Apparatus for treating petroleum; 1,534,927, same, Treating hydrocarbon oils; 1,517,830 Egloff & Benner, Carbonaceous fuel; 1,537,593, G. Egloff, Cracking oil; 1,535,725, W. R. Howard, Treating hydrocarbons; 1,535,724, same, Process and apparatus for treating hydrocarbons; 1,550,568, R. T. Pollock, Treating hydrocarbon oils, suit filed Jan. 27, 1926, D. C., S. D. N. Y., Doc. E 35/197, *Universal Oil Products Co. v. Gasoline Products Co. et al.*

1,396,449. (See 1,443,795.)

1,405,209, H. J. Halle, Calculating attachment for typewriting machine, suit filed Feb. 1, 1922, D. C.,

S. D. N. Y., Doc. E 28/82, *Elliot-Fischer Co.* v. *Remington Typewriter Co. et al.* Consent and order of discontinuance filed Jan. 26, 1926.

1,418,112, H. S. Warnock, Printing-element holder, suit filed Dec. 24, 1925, D. C., N. D. Ill. (E. Div.) Doc. 5438, *The Printing Machinery Co.* v. *W. S. Warnock.*

1,443,795, J. MacLaren, Governing means for pneumatic systems; 1,396,449, same, Pneumatic-dispatch apparatus, appeal filed Jan. 26, 1926, C. C. A. (2d Cir.), Doc. 9081, *The Lamson Co.* v. *G. & G. Atlas Systems, Inc.*

1,472,417, 1,518,791, Hedstrom & Fulford, Drying machine, suit filed Dec. 10, 1925, D. C., N .D. Ill. (E. Div.), Doc. 5369, *American Can Co.* v. *G. W. Hedstrom et al.*

1,484,445. (See 1,392,629.)

1,488,325. (See 1,392,629.)

1,490,567, Kleinsteuber & Hayes, Automatic traffic signal, suits filed Dec. 24 ,1925, D. C., N. D. Ill. (E. Div.), Doc. 5439, *Traffic Regulator Signal Co.* v *City of Chicago;* and Doc. 5440, *Traffic Regulator Signal Co.* v. *South Park Commissioners.*

1,517,830. (See 1,392,629.)

1,518,791. (See 1,472,417.)

1,522,425. (See 1,392,629.)

1,525,281. (See 1,392,629.)

1,534,927. (See 1,392,629.)

1,535,724. (See 1,392,629.)

1,535,725. (See 1,392,629.)

1,537,593. (See 1,392,629.)

1,539,545. (See 1,342,015, published March 16, 1926.)[1]

1,546,634. (See 1,392,629.)

1,550,568. (See 1,392,629.)

1,558,436, I. Langmuir, Electrical discharge apparatus and preparing and using the same, suit filed Jan. 26, 1926, D. C. Dela., Doc. E 589, *General Electric Co.* v. *The De Forest Radio Co.*

1,562,349, Lorenze & Schmidt, Electrical curling-iron heater, suit filed Dec. 24, 1925, D. C., N. D. Ill. (E. Div.), Doc. 5437, *The Master Electric Co.* v. *The Wm. Meyer Co.*

Re. 14,492. (See 1,048,654, published March 2, 1926.)[2]

Re 14,581. (See 1,048,654, published March 2, 1926.)[2]

Re. 14,667. (See 1,307,733.)

Re. 14,667. (See 1,307,733 (*a*), published March 16, 1926.)

Des. 42,608. (See 1,192,336.)

Des. 43,459, Kellner & Worms, Knitted necktie, appeal filed Jan. 27, 1926, C. C. A. (2d Cir.), Doc. 9087, *Franklin Knitting Mills, Inc.*, v. *Gropper Knitting Mills, Inc.*

Des. 52,129. (See 1,251,182.)

[1] Correcting publication in OFFICIAL GAZETTE of March 23, 1926.

[2] Correcting publication in OFFICIAL GAZETTE of March 9, 1926.

Des. 56,450, Miller & Macowsky, Child's romper, suit filed Jan. 26, 1926, D. C. Colo., Doc. 8046, *Eloesser, Heynemann Co.* v. *The Bayly-Underhill Mfg. Co.*

Des. 66,447, J. W. Suporter, Radiator cap, suit filed Dec. 2, 1925, D. C., N. D. Ill. (E. Div.), Doc. 5352, *C. A. Norton* v. *Faith Products Corp. et al.*

Des. 67,298, J. Novin, Chandelier, suit filed Jan. 28, 1926, D. C., S. D. N. Y., Doc. E 35/212, *Novin & Ribak* (*The Centre Lighting Fixture Mfg. Co.*) v. *Kaylite Mfg. Corp.*

Interference Notices.

U. S. PATENT OFFICE, *Washington, Mar. 18, 1926.*

Archie W. Tipps, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Josie B. Sample, of Eudora, Ark., for registration of a trade-mark and trade-mark registered February 27, 1923, No. 164,916, to Archie W. Tipps, 3211 Thomas Avenue, Dallas, Tex., and a notice of such declaration sent by registered mail to said Archie W. Tipps at the said address having been returned by the post-office authorities as undeliverable, notice is hereby given that unless said Archie W. Tipps, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, *Washington, Mar. 5, 1926.*

Tennessee Packing & Provision Company, its assigns or legal representatives, take notice:

An interference having been declared by this Office between the applications of Wagner & Company, 4123–29 West Grand Avenue, Chicago, Ill., and Neuhoff Packing Company, Nashville, Tenn., for registrations of trade-marks and trade-marks registered March 7, 1905, No. 44,290, and June 11, 1907, No. 63,296, to Tennessee Packing & Provision Company, Nashville, Tenn., and a notice of such declaration sent by registered mail to said Tennessee Packing & Provision Company at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Tennessee Packing & Provision Company, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, *Washington, Mar. 4, 1926.*

John Densley, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application for patent of Enos Ashley, 83 Oliver Avenue north, Minneapolis, Minn., and John Densley, 89 South Thirteenth Street, Minneapolis, Minn., and a notice of such declaration sent by registered mail to said John Densley at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said John Densley, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

Disclaimer.

1,518,917.—*John B. Griffin*, Newington, Conn. TYPEWRITER-TYPE SOLDERING AND ALIGNING APPARATUS. Patent dated December 9, 1924. Disclaimer filed March 12, 1926, by the assignee, *Underwood Typewriter Company.*

Hereby enters its disclaimer to claims numbered 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 28, 35, 36, 37, 38, 39, 40, 41, 42, 44, 56, 85, and 86, the right to said claims having been established by George A. Seib in interference proceeding No. 52,331.

TRADE-MARKS

OFFICIAL GAZETTE, MARCH 30, 1926.

[VOL. 344. No. 5.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

Ser. No. 184,606. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FOLEY BROS. GROCERY COMPANY, St. Paul, Minn. Filed Aug. 17, 1923.

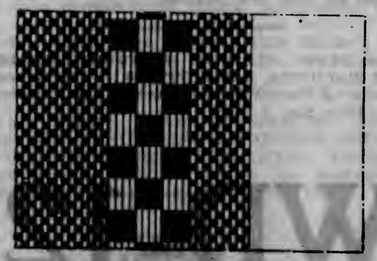
Foley's

The trade-mark consists of the word "Foley's" in yellow letters having shaded margins. No claim is made to the exclusive right to the use of the word "Foley's" apart from the combination shown in the drawing.

Particular description of goods.—Pickles, Olives, Peanut Butter, Olive Oil, Corn Oil, Catchup, Vinegar; Dried, Evaporated, and Dehydrated Fruit; Cocoa, Jelly Powders, Mincemeat, Sausage, Sorghum, Tea, Jams, Jellies, Canned Fruit, Canned Vegetables, Canned Fish, Canned Soup, Coffee, Spices, Tapioca, Canned Shellfish, Evaporated Milk, Sirup for Table and Cooking Use, Rolled Oats, Oatmeal, Corn Flakes, Breakfast Cereals and Alimentary Pastes, Fruit Preserves, Berry Preserves, and Marmalade, Thousand Island Dressing and Mayonnaise Dressing, Celery Salt, Onion Seasoning, Prepared Mustard, Horse-Radish, Chowchow, Sweet Vegetable and Meat Relish, Cornstarch for Food Purposes, and Potato Flour, Canned Hominy, Canned Sauerkraut, Pimentos, Canned Fruit Salad, Roasted Peanuts, Food-Flavoring Extracts, Birdseed, Red-Hot Sauce, and Mint Sauce.

Claims use since about Dec. 1, 1919.

Ser. No. 201,634. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE WESTERLY TEXTILE COMPANY, Westerly, R. I. Filed Aug. 19, 1924.



The representation of the goods apart from the mark shown by the drawing is disclaimed. The checkerboard stripe of threads comprises the trade-mark, the selvage being so woven as to cause alternate squares of warp and filler threads to be shown in a stripe of checkerboard arrangement in said selvage.

Particular description of goods.—Textile Piece Goods of Cotton and also of a Mixture of Cotton and Artificial Silk, Draperies, and Dress Goods.

Claims use since about Feb. 1, 1924.

Ser. No. 201,910. (CLASS 21. ELECTRICAL APPARATUS MACHINES, AND SUPPLIES.) THE UNITED ELECTRIC COMPANY, Canton, Ohio. Filed Aug. 26, 1924.



The words "The Cleaner with the Self Starter" and "Oil Here" are disclaimed apart from the mark shown in the drawing. The color red indicated by conventional shading in the drawing is not an essential feature of the trade-mark.

Particular description of goods.—Electrically-Operated Vacuum Cleaners.

Claims use since July 15, 1924.

Ser. No. 203,259. (CLASS 21. ELECTRICAL APPARATUS MACHINES, AND SUPPLIES.) COOPER HEWITT ELECTRIC COMPANY, Hoboken, N. J. Filed Oct. 1, 1924.

COOPER HEWITT
Work-Light

No claim is made to the words "Cooper-Hewitt Work Light" apart from the mark as shown, but applicant waives none of its common-law rights.

Particular description of goods.—Mercury-Vapor Arc Lamps as Sources of Light for Industrial and Photographic Purposes.

Claims use since Sept. 29, 1924.

Ser. No. 204,025. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GLENDORA LEMON GROWERS ASSOCIATION, Glendora, Calif. Filed Oct. 17, 1924.

DIXIE

Particular description of goods.—Fresh Citrous Fruits—Namely, Fresh Lemons.
Claims use since Sept. 1, 1924.

Ser. No. 204,735. (CLASS 12. CONSTRUCTION MATERIALS.) UNIVERSAL GYPSUM COMPANY, Chicago, Ill. Filed Nov. 1, 1924.



No claim is made to the exclusive use of the word "Gypsum" apart from the mark as shown in the drawing. The crosshatching in the drawing represents the color green.
Particular description of goods.—Wood-Fibered Plaster.
Claims use since June 21, 1924.

Ser. No. 204,736. (CLASS 12. CONSTRUCTION MATERIALS.) UNIVERSAL GYPSUM COMPANY, Chicago, Ill. Filed Nov. 1, 1924.



No claim is made to the exclusive use of the word "Gypsum" apart from the mark as shown in the drawing. The crosshatching on the drawing represents the color brown.
Particular description of goods.—Nufibered Plaster.
Claims use since June 19, 1924.

Ser. No. 204,737. (CLASS 12. CONSTRUCTION MATERIALS.) UNIVERSAL GYPSUM COMPANY, Chicago, Ill. Filed Nov. 1, 1924.



The crosshatching of the drawing represents the color red. No claim is made to the exclusive use of the word "Gypsum" apart from the mark shown in the drawing.
Particular description of goods.—Finishing Plaster.
Claims use since July 3, 1924.

Ser. No. 204,738. (CLASS 12. CONSTRUCTION MATERIALS.) UNIVERSAL GYPSUM COMPANY, Chicago, Ill. Filed Nov. 1, 1924.



No claim is made to the exclusive use of the word "Gypsum" apart from the mark as shown in the drawing. The crosshatching in the drawing represents the color purple.
Particular description of goods.—Finishing Lime.
Claims use since Nov. 2, 1923.

Ser. No. 204,986. (CLASS 21. (ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed Nov. 7, 1924.

WD-12

Particular description of goods.—Vacuum Tubes.
Claims use since Mar. 1, 1923.

Ser. No. 204,987. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed Nov. 7, 1924.

WD-11

Particular description of goods.—Vacuum Tubes.
Claims use since April 1, 1922.

Ser. No. 205,207. (CLASS 37. PAPER AND STATIONERY.) THE GLOBE-WERNICKE CO., Norwood, Ohio. Filed Nov. 13, 1924.

RAINBOW

Particular description of goods.—Angular Celluloid Tab Guides.
Claims use since August, 1921.

Ser. No. 206,255. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE NEW WASHINGTON HATCHERY CO., New Washington, Ohio. Filed Dec. 4, 1924.



No claim is made to the pictorial representation of a chick apart from the showing disclosed herein.
Particular description of goods.—Baby Chicks.
Claims use since 1015.

Ser. No. 206,282. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) DEUTSCHE GASGLUHLICHT-AUER-GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, Berlin, Germany. Filed Dec. 5, 1924.

DEGEA

Particular description of goods.—Incandescent Gas and Oil Lamps, Petroleum Lamps, Storm Lanterns, Chandeliers, Candelabra, and all Parts of Such Lamps.
Claims use since July 14, 1902.

Ser. No. 206,531. (CLASS 28. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) LEACH COMPANY, Oshkosh, Wis. Filed Dec. 10, 1924.

OSHKOSH

The trade-mark denotes the celebrated Indian chief Oshkosh. No claim is made to the word "Oshkosh" except when displayed in the distinctive manner shown.
Particular description of goods.—Logging Tools and Electrical Pole-Line Construction Tools.
Claims use since 1914.

Ser. No. 206,858. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) HENRY W. PETERS, doing business as H. W. Peters Co., Boston, Mass. Filed Dec. 17, 1924.

MADE
THE VICTORY WAY

Particular description of goods.—Finger Rings and Breastpins.
Claims use since July 10, 1924.

Ser. No. 207,124. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EL CAMPO RICE MILLING CO., El Campo, Tex. Filed Dec. 23, 1924.

ELCO

Particular description of goods.—Laying Mash With Buttermilk, Rice Bran, Rice Polish, and Rice.
Claims use since May 1, 1924.

Ser. No. 207,530. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) JOHN SIDEBOTHAM, Frankford, Philadelphia, Pa. Filed Dec. 31, 1924.



Particular description of goods.—Woven Tape.
Claims use since Dec. 1, 1920.

Ser. No. 207,567. (CLASS 27. HOROLOGICAL INSTRUMENTS.) HERALD WATCH CO., INC., New York, N. Y. Filed Jan. 2, 1925.

HERALD

Particular description of goods.—Watches, Watchcases, Watch Movements, and Parts of the Same.
Claims use since 1887.

Ser. No. 207,568. (CLASS 27. HOROLOGICAL INSTRUMENTS.) HERALD WATCH CO., INC., New York, N. Y. Filed Jan. 2, 1925.



The closely-spaced parallel lines shown in the drawing are not to denote color.
Particular description of goods.—Watches, Watchcases, Watch Movements, and Parts of the Same.
Claims use since 1887.

Ser. No. 207,951. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) SAMUEL RUBINTON, Brooklyn, N. Y. Filed Jan. 10, 1925.

ERMINE SKIN

The word "Ermine" is disclaimed.
Particular description of goods.—Fur Skins.
Claims use since Dec. 20, 1924.

Ser. No. 208,030. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AMBASSADOR SALES CO., INC., New York, N. Y. Filed Jan. 12, 1925.

"BABY"

Particular description of goods.—Condensers for Radio Apparatus.
Claims use since Dec. 16, 1924.

Ser. No. 208,102. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HARKNESS RADIO CORPORATION, New York, N. Y. Filed Jan. 16, 1925.

Kenneth Harkness

The mark consists of a facsimile signature; but the name, however, is fictitious, not belonging to any person. No claim is made to the name "Kenneth Harkness" apart from the mark shown.
Particular description of goods.—Wireless and/or Radio Transmitting and Receiving Circuits as Completed Assembled Sets or Parts Thereof—Namely, Coils, Condensers, Rheostats, Resistances, Tubes, and Batteries.
Claims use since Dec. 1, 1922.

Ser. No. 208,670. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) NATIONAL SANDING MACHINE COMPANY, Chicago, Ill. Filed Jan. 26, 1925.

"Lightning"

Particular description of goods.—Sandpaper.
Claims use since Mar. 1, 1922.

Ser. No. 208,704. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) NATHAN HALPERIN, doing business as Halperin Mills, Brooklyn, N. Y. Filed Jan. 27, 1925.

TANG-O-CHANG

Particular description of goods.—Artificial-Silk Knitted Fabric.
Claims use since Oct. 18, 1924.

Ser. No. 208,719. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LOUISE E. PATERSON, doing business as Sat-Ten Products Company, Wellesley, Mass. Filed Jan. 27, 1925.

SAT-TEN

Particular description of goods.—Chocolate Sauce.
Claims use since Nov. 18, 1924.

Ser. No. 209,468. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EASTMAN SUGAR CO. INC., New Orleans, La. Filed Feb. 12, 1925.



Particular description of goods.—Coffee.
Claims use since Nov. 15, 1924.

Ser. No. 209,473. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RALPH GASPARINI, doing business as Globe Preserve Co., Los Angeles, Calif. Filed Feb. 12, 1925.



Particular description of goods.—Crushed Fruits for Food Purposes, Especially for Use With Ice Cream, Also Table Sirups.
Claims use since Oct. 20, 1923.

Ser. No. 209,903. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) FAGERSTA BRUKS AKTIEBOLAG, Fagersta, Sweden. Filed Feb. 20, 1925.

BOR

Particular description of goods.—Rolled, Drawn, and Forged Iron and Steel.
Claims use since 1910.

Ser. No. 209,905. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) FAGERSTA BRUKS AKTIEBOLAG, Fagersta, Sweden. Filed Feb. 20, 1925.

TRYGG

Particular description of goods.—Rolled, Drawn, and Forged Iron and Steel.
Claims use since 1910.

Ser. No. 209,924. (CLASS 39. CLOTHING.) LEVINSOHN & LEVINSOHN, New York, N. Y. Filed Feb. 20, 1925.

THE Jim Dandy

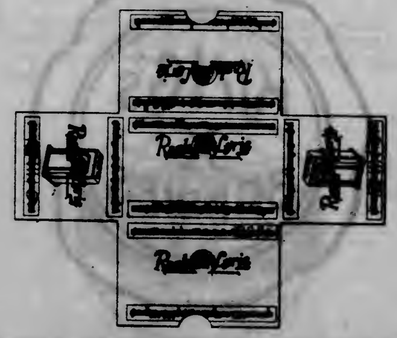
Particular description of goods.—Boys' Suits in One, Two, Three, and Four Piece Garments, Manufactured From Woolen Fabrics.
Claims use since Dec. 20, 1924.

Ser. No. 209,995. (CLASS 37. PAPER AND STATIONERY.) LE BOEUF FOUNTAIN PEN CO., INC., Springfield, Mass. Filed Feb. 21, 1925.

UNBREAKABLE

No claim is made to the exclusive use of the word "Unbreakable" apart from the mark shown.
Particular description of goods.—Fountain Pens.
Claims use since May, 1919.

Ser. No. 210,210. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ALL-AMERICAN RADIO CORPORATION, Chicago, Ill. Filed Feb. 27, 1925.



No claim is made to the exclusive right to the use of the representation of a transformer.
Particular description of goods.—Transformers.
Claims use since Aug. 27, 1924.

Ser. No. 210,366. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HUGH JAMES CONNOR, Los Angeles, Calif. Filed Mar. 2, 1925.

Aloha

Particular description of goods.—Candy.
Claims use since 1905.

Ser. No. 210,600. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE AMERICAN WIREMOLD COMPANY, Hartford, Conn. Filed Mar. 6, 1925.

WIREX

Particular description of goods.—Insulated Electric Wires.
Claims use since Jan 31, 1925.

Ser. No. 211,473. (CLASS 37. PAPER AND STATIONERY.) HOBERG PAPER & FIBRE COMPANY, Green Bay, Wis. Filed Mar. 23, 1925.

SUMMIT

Particular description of goods.—Toilet Paper.
Claims use since Apr. 18, 1899.

Ser. No. 211,854. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) C. W. LOMASNEY & COMPANY, Minneapolis, Minn. Filed Mar. 30, 1925.



No claim is made to the word "Candies" or the word "King's" apart from the mark as shown.
Particular description of goods.—Candies, Sweetmeats, Candied and Salted Nuts, and Nuts in Their Natural State.
Claims use since Jan. 1, 1919.

Ser. No. 212,298. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) SCHENLEY PRODUCTS COMPANY, Jersey City, N. J., and Louisville, Ky. Filed Apr. 6, 1925.



The words "Quadruple Sealed," "Kentucky," and "Schenley Products Co." are disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Grain Alcohol (Non-beverage).
Claims use since Oct. 1, 1923.

Ser. No. 212,579. (CLASS 8. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) SUPERIOR HARD RUBBER COMPANY, INC., Butler, N. J. Filed Apr. 11, 1925.

HEVEANOID

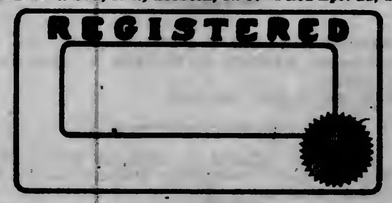
Particular description of goods.—Cigarette Holders and Cigar Holders.
Claims use since on or about Apr. 1, 1924.

Ser. No. 212,643. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RUSSELL-MILLER MILLING CO., Minneapolis, Minn. Filed Apr. 13, 1925.

BALTIC

Particular description of goods.—Wheat Flour.
Claims use since about Jan. 1, 1910.

Ser. No. 213,073. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) M. M. FLEBON & SON, INC., Trenton, N. J. Filed Apr. 21, 1925.



No claim is made to the trade-mark "Registered" except in conjunction with the other elements of the mark. The trade-mark "Registered" and the seal are lined to indicate a red color.
Particular description of goods.—Face Powders, Face Creams, Vanishing Creams, Massage Creams, Lemon Creams, Cocoa Creams, Cold Creams, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Brilliantines, Dentifrices, Tooth Powders, Nail Polishes, Deodorising Preparations, Bath Salts, Smelling Salts, and Sachets.
Claims use since Apr. 2, 1925.

Ser. No. 214,153. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) GRAHAM & ZENGER, INC., New York, N. Y. Filed May 11, 1925.



BLACK KNIGHT

Particular description of goods.—China.
Claims use since May 1, 1925.

Ser. No. 214,206. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE GROVE CITY CREAMERY, Grove City, Pa. Filed May 12, 1925.



The word "Brand" is disclaimed apart from the mark shown on the drawing.
Particular description of goods.—Butter, Cheese, and Eggs.
Claims use since Sept. 7, 1919.

Ser. No. 214,477. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) GEORGE W. GRAHAM, New York, N. Y., assignor to Graham Products Laboratories, Incorporated, New York, N. Y. Filed May 18, 1925.



All the words appearing on the drawing except the word "Ace" are hereby disclaimed.
Particular description of goods.—Stove Polish.
Claims use since Jan. 8, 1925.

Ser. No. 214,577. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ANCHOR MILLING & GROCERY COMPANY, doing business as Anchor Milling Company, Albuquerque, N. Mex. Filed May 20, 1925.

LA PURA

Particular description of goods.—Wheat Flour.
Claims use since Mar. 13, 1922.

Ser. No. 214,736. (CLASS 38. PRINTS AND PUBLICATIONS.) C. R. MOEN, La Crosse, Wis. Filed May 22, 1925.

ENAMEL
MOEN-TONE
PRINTS

The words "Enamel Prints" are disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Photoprints.
Claims use since Mar. 21, 1925.

Ser. No. 214,914. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EATMORE CANDY CO., Omaha, Nebr. Filed May 26, 1925.

Red Hot Mama

Particular description of goods.—Candy.
Claims use since July 1, 1924.

Ser. No. 215,889. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) ATLAS FENCE COMPANY, Newark, N. J. Filed June 17, 1925.



Particular description of goods.—Iron and Wire Fencing, Screening, and Wire Mats.
Claims use since Oct. 6, 1923.

Ser. No. 216,156. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) DRYDEN RUBBER COMPANY, Chicago, Ill. Filed June 22, 1925.

CITY

Particular description of goods.—Hoof Pads.
Claims use since on or about 1919.

Ser. No. 216,347. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LIBERTY PRODUCE COMPANY, Livingston and Cressey, Calif. Filed June 24, 1925.



Columbia

No claim is made to the word "Columbia" apart from the mark as shown on the drawing. No claim is made to the lines of shading in the drawing.
Particular description of goods.—Fresh Grapes and Fresh Peaches.
Claims use since August, 1924.

Ser. No. 216,456. (CLASS 5. ADHESIVES.) COMPAGNIE NATIONALE DE MATIÈRES COLORANTES ET MANUFACTURES DE PRODUITS CHIMIQUES DU NORD RÉUNIES, ETABLISSEMENTS, KUHLMANN, Paris, France. Filed June 26, 1925.



Particular description of goods.—Special Glue for Pasteboard.
Claims use since Feb. 1, 1925.

Ser. No. 216,558. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PAXTON AND GALLAGHER CO., Omaha, Nebr. Filed June 27, 1925.

Butter-Nut

Particular description of goods.—Pancake Flour.
Claims use since Mar. 8, 1925.

Ser. No. 216,576. (CLASS 39. CLOTHING.) E. D. ATTIX, Knoxville, Tenn. Filed June 29, 1925.



The lining appearing in the drawing does not represent color, but merely shading. The name appearing in the trade-mark is the facsimile signature of applicant. No claim is made to the term "Hose That Wear for Those Who Care" aside from the mark as shown in the drawing, applicant, however, reserving all common-law rights in connection therewith.
Particular description of goods.—Hosiery.
Claims use since Nov. 3, 1924.

Ser. No. 216,998. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAVID SWAN, doing business as Velvo Mfg. Co., Los Angeles, Calif. Filed July 7, 1925.

VELVO

Particular description of goods.—Powdered or Granular Composition to be Used in Producing Desserts or Like Edible Confections.
Claims use since May 15, 1925.

Ser. No. 217,212. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FAIR PLAY CARAMELS, INC., Johnson City, N. Y. Filed July 11, 1925.

Fairy Gems

Particular description of goods.—Candy.
Claims use since about Jan. 6, 1925.

Ser. No. 217,741. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FRANK H. STEWART ELECTRIC CO., Philadelphia, Pa. Filed July 22, 1925.

Atlas

Particular description of goods.—Electrically-Operated Vacuum Cleaners.
Claims use since June 9, 1925.

Ser. No. 217,848. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AKTIENGESELLSCHAFT CHOCOLAT TOBLER, Berne, Switzerland. Filed July 25, 1925.



The lining shown in the drawing is used for shading only.
Particular description of goods.—Chocolate.
Claims use since Jan. 13, 1912.

Ser. No. 218,106. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE CRYSTAL CHEMICAL COMPANY, INC., New York, N. Y. Filed July 30, 1925.

Z.B.T.

Particular description of goods.—Powders for Nursery and Toilet Use; Ointments—Namely, Preparation for Sunburn, Burns, Cuts, Skin Affections, Wounds, Eczema, and Other Inflammatory Skin Diseases.
Claims use since Sept. 1, 1922.

Ser. No. 218,163. (CLASS 38. PRINTS AND PUBLICATIONS.) BUSHNELL-DAHLQUIST PRESS, INC., Minneapolis, Minn. Filed July 31, 1925.



Particular description of goods.—Calling Cards, Window Cards, Place Cards, Souvenir Cards, Greeting Cards and Folders, Mourning Cards, Membership Cards, Gift Cards, At-Home Cards, Reception Cards, Announcement Cards and Folders, Invitations, Wedding Invitations and Announcements, Programs, Memorials, Resolutions, Testimonials, Diplomas, Certificates, Awards, Completely Printed Books, Bookplates, Booklets, Catalogues, Folders, Printed Signs, Printed Letters, Mottoes, Greetings, Wall Calendars, Printed Labels, Posters.
Claims use since July 20, 1925.

Ser. No. 218,287. (CLASS 12. CONSTRUCTION MATERIALS.) CADWALLADER-GIBSON LUMBER CO., Manila, P. I., and San Francisco, Calif. Filed Aug. 3, 1925.

ORION

Particular description of goods.—Domestic and Foreign Hardwood and Soft-Wood Lumber.
Claims use since Apr. 18, 1921.

Ser. No. 218,288. (CLASS 12. CONSTRUCTION MATERIALS.) CADWALLADER-GIBSON LUMBER CO., Manila, P. I., and San Francisco, Calif. Filed Aug. 3, 1925.

LAMAOK

Particular description of goods.—Domestic and Foreign Hardwood and Soft-Wood Lumbers.
Claims use since May 1, 1923.

Ser. No. 218,391. (CLASS 37. PAPER AND STATIONERY.) THE BUYER'S PAPER CO., Dayton, Ohio. Filed Aug. 5, 1925.

Accordionfold Enamel



Exclusive use of the words "Paper" and "Enamel" are not claimed except in association with the mark shown.
Particular description of goods.—Printing Paper.
Claims use since Nov. 1, 1926.

Ser. No. 218,446. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SAMUEL KUNZ & SONS, Chicago, Ill. Filed Aug. 10, 1925.

LUCKY STRIKE

Particular description of goods.—Canned and Preserved Fruits, Including Apples, Apple Butter, Apple Sauce, Apricots, Apricot Butter, Blackberries, Blackberry Preserves, Blueberries, Royal Anne and Pitted Cherries, Egg Plums, Grapes, Grapefruit, Grape Marmalade, Gooseberries, Loganberry Preserves, Peaches, Pears, Pineapple, Red Raspberries, Red-Raspberry Preserves, Strawberries, Strawberry Preserves; Dried Fruits—Namely, Figs, Dates, Apricots, Prunes, Peaches, and Raisins; Canned Vegetables, Including Asparagus, Baked Beans, Beets, Celery, Kidney Beans, Lima Beans, Okra, Peas, Pumpkin, String Beans, Succotash, Sweet Corn, Sweet Potatoes, Tomatoes, Spinach, and Hominy; Canned Sea Food—Namely, Clams, Codfish, Lobster, Oysters, and Shrimp; Canned Meats—Namely, Chicken, Deviled Chicken, Deviled Ham, Sliced Beef, Tongue, and Bacon; Canned Soups, Including Bean, Clam Chowder, and Tomato; Canned Mincemeat and Plum Pudding; Relishes—Namely, Chili Sauce, Green and Ripe Olives, Red Peppers, Sweet Relish Pickles, Tomato Catchup, and Cocktail Catchup; Spices, Including African Ginger, Allspice, Black Pepper, Capers, Celery Salt, Cinnamon, Cloves, Curry Powder, Mace, Mustard, Nutmeg, Poultry Seasoning, Prepared Mustard, Paprika, White Pepper, and Sage; Mexican Chiles, Salad Dressing, and Vinegar; Condensed Milk, Coffee, Tea, Dried and Candied Citron Peel, Dried and Candied Orange Peel,

Crystallized Ginger, Dried and Candied Grapefruit Peel, Dried and Candied Lemon Peel; Shredded Coconut, Walnut Meats in Their Natural State, Peanut Butter; Food-Flavoring Extracts, Including Vanilla and Lemon, Marshmallow Crème, Maple Sirup, Sugar; Flour and Cereals—Namely, Barley, Corn Meal, Oatmeal, Dessert Tapioca, Farina, Lye Hominy, Granulated Hominy, Pearl Hominy, Pearl Tapioca, Pop Corn in Its Natural State, Rice, Rice Flour, Wheat Bran; Alimentary Products—Namely, Macaroni, Spaghetti, and Noodles; Corn Oil, Olive Oil, and Cottonseed Oil; Sweet, Sour, and Dill Pickles.

Claims use since Aug. 1, 1925.

Ser. No. 218,677. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM R. WHISTON, Buffalo, N. Y. Filed Aug. 10, 1925.

IDEAL 30 MINUTE CARBON REMOVER

Applicant disclaims the words "30 Minute Carbon Remover" apart from the other features.

Particular description of goods.—Preparation for Removing Carbon from Cylinders and Valves of Internal-Combustion Engines.

Claims use since July 1, 1924.

Ser. No. 219,348. (CLASS 39. CLOTHING.) THE RADIANT MILLS COMPANY, Elyria, Ohio. Filed Aug. 25, 1925.

Radiant

Particular description of goods.—Hosiery.

Claims use since February, 1922.

Ser. No. 219,918. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SAMUEL STONE, doing business as Home Rule Products Company, Cleveland, Ohio. Filed Sept. 5, 1925.

HOME RULE MALT SYRUP

Exclusive use of the words "Malt Syrup" is disclaimed except in connection with the remaining features of the mark.

Particular description of goods.—Malt Sirup for Food Purposes.

Claims use since July 1, 1925.

Ser. No. 219,954. (CLASS 39. CLOTHING.) JOHN FENTON, Columbus, Ohio. Filed Sept. 8, 1925.

The "Tru-Poise"

Particular description of goods.—Heels for Shoes.

Claims use since about Aug. 11, 1925.

Ser. No. 220,006. (CLASS 32. FURNITURE AND UPHOLSTERY.) JOHN H. ZIMMERMAN, doing business as The Zimmerman Co. and Zimmerman Furniture Co., Sioux City, Iowa. Filed Sept. 8, 1925.



Particular description of goods.—Library, Gate-Leg, End, Console, Kitchen, Dining, and Breakfast Tables; Chairs for Office and Household Use, Upholstered and Bed Davenports, Wood and Steel Beds, Bed Springs, Dressers, Buffets, China Cabinets, Kitchen Cabinets, Children's Beds and Bassinets, Chiffonettes and Wardrobes; Phonograph and Radio Cabinets, Piano Stools and Benches, Foot Stools, Ferneries, Desks, Sewing Cabinets, Cedar Chests, and Bookcases.

Claims use since July 15, 1925.

Ser. No. 220,272. (CLASS 46. FOODS AND INGREDIENTS.) J. G. BLICKENSTAFF & SONS, Modesto, Calif. Filed Sept. 16, 1925.

RED DUCK

Particular description of goods.—Fresh Cantaloupes, Peaches, and Plums.

Claims use since June 1, 1922.

Ser. No. 220,277. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Sept. 16, 1925.

Majesteen Doubletwill

Applicant disclaims the right to the exclusive use of the word "Doubletwill" apart from the trade-mark as shown in the drawing.

Particular description of goods.—Woolen Piece Goods.

Claims use since Sept. 1, 1925.

Ser. No. 220,363. (CLASS 37. PAPER AND STATIONERY.) RIVERSIDE FIBRE & PAPER COMPANY, Appleton, Wis. Filed Sept. 17, 1925. Under section 5b of the act of 1905, as amended in 1920.

RIVERSIDE

Particular description of goods.—Writing and Printing Papers, Bristol Board, Document Paper, Bleach Lined Manila, Tag Board, Blank Books, Ticket Bristol, and Coated Newspaper.

Claims use since 1900.

Ser. No. 220,364. (CLASS 39. CLOTHING.) SCHUYLKILL VALLEY MILLS, INC., Spring City, Pa. Filed Sept. 17, 1925.

Lucille

Particular description of goods.—Hosiery.

Claims use since May 1, 1925.

Ser. No. 220,425. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SHENANDOAH MILLING COMPANY INCORPORATED, Shenandoah, Va. Filed Sept. 18, 1925.



Stonewall Jackson

The drawing represents a picture of Stonewall Jackson and the name "Stonewall Jackson." The lining on the letters is for shading only.

Particular description of goods.—Self-Rising and Plain Wheat Flour.

Claims use since Sept. 1, 1922.

Ser. No. 220,447. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) CHEBAMY, INC., New York, N. Y. Filed Sept. 19, 1925.

LIDO-VENICE

The word "Venice" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Toilet Soaps and Shaving Creams.

Claims use since Sept. 10, 1925.

Ser. No. 220,513. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) R. FAIR, Modesto, Calif. Filed Sept. 21, 1925.

FORGET-ME-NOT

Particular description of goods.—Fresh Deciduous Fruits and Nuts in Their Natural State.

Claims use since May 27, 1925.

Ser. No. 220,591. (CLASS 37. PAPER AND STATIONERY.) WALTER W. BAILEY, doing business as Bailey Paper Company, New York, N. Y. Filed Sept. 22, 1925.

PORTRAIT ENAMEL

No claim is made to the word "Enamel" except in association with the other features of the mark.

Particular description of goods.—Printing Paper Coated With a Composition of China Clay, Casein, and Blanc Fixe.

Claims use since Dec. 30, 1924.

Ser. No. 220,688. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SUTTER CO-OPERATIVE GROWERS, San Francisco, Calif. Filed Sept. 22, 1925.

Alcazar

Particular description of goods.—Canned Fruits and Canned Vegetables.

Claims use since May 1, 1925.

Ser. No. 220,817. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) AMERICAN BISCUIT COMPANY, San Francisco, Calif. Filed Sept. 26, 1925.

A. B. C's

Particular description of goods.—Biscuits and Crackers.

Claims use since Mar. 15, 1886.

Ser. No. 220,927. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) SWOBDS ELECTRIC COMPANY, Rockford, Ill. Filed Sept. 28, 1925.

American Beauty

"American Beauty."

Particular description of goods.—Vacuum Cleaners and Attachments Therefor Comprising Suction and Blower Nozzles, Brushes, and Hose.

Claims use since about July 16, 1925.

Ser. No. 221,088. (CLASS 37. PAPER AND STATIONERY.) BASTROP PULP & PAPER COMPANY, Bastrop, La. Filed Oct. 2, 1925.



The words "Kraft Wrapping Paper" apart from the trade-mark shown being disclaimed.

Particular description of goods.—Kraft Paper and Kraft Pulp.

Claims use since October, 1923.

Ser. No. 221,205. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE RADIANT CO., Omaha, Nebr. Filed Oct. 8, 1925.



Particular description of goods.—Metal and Glass Polish.

Claims use since Aug. 12, 1925.

Ser. No. 221,361. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NORTHERN JOBBING CO., Chicago, Ill. Filed Oct. 10, 1925.



Particular description of goods.—Canned Fruits and Vegetables.

Claims use since Sept. 24, 1925.

Ser. No. 221,610. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) C. M. HOLTHINGER FRUIT CO., Yakima, Wash. Filed Oct. 12, 1925.



Particular description of goods.—Fresh Apples.

Claims use since July 29, 1925.

Ser. No. 221,635. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) PATENT NOVELTY COMPANY, Fulton, Ill. Filed Oct. 12, 1925.

SNOWBIRD

Particular description of goods.—Combined Clothes Lines and Reels.

Claims use since May, 1925.

Ser. No. 221,982. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) SPECTRO-CHROME INSTITUTE (INCORPORATED), Malaga, N. J. Filed Oct. 19, 1925.

TANGER

Particular description of goods.—Apparatus for Registering the Color-Wave Value or Radioactive and Radio-Emanative Value of the Human Body and the Like.

Claims use since Feb. 21, 1925.

Ser. No. 222,067. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) JOSEPH HOMER, New York, N. Y. Filed Oct. 21, 1925.



The words "Trade-Mark" are disclaimed.

Particular description of goods.—Dental Appliances—viz, an Articulator.

Claims use since Aug. 7, 1922.

Ser. No. 222,190. (CLASS 28. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) REO MOTOR CAR COMPANY, Lansing, Mich. Filed Oct. 23, 1925.



Particular description of goods.—Automobile Engines.

Claims use since Oct. 15, 1925.

Ser. No. 222,280. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ELIZABETH L. RIANHARD, doing business as Glo-jewl Company, Baltimore, Md. Filed Oct. 24, 1925.



Particular description of goods.—Jewel-Cleaning Sets Comprising a Tray, Soap, Basin, Spring Holder, Sawdust Shaker, Rinsing Solution, Brush, Whisk, and Chamois Skin.

Claims use since May 16, 1925.

Ser. No. 222,297. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FRANCIS ANDERSON, Portadown, Ireland, assignor to Tavanagh Weaving Company Limited, Portadown, Ireland. Filed Oct. 26, 1925.

CUMULUS

Particular description of goods.—Linen Goods in the Piece and Linen Goods Not in the Piece.

Claims use since Jan. 5, 1926.

Ser. No. 222,322. (CLASS 43. THREAD AND YARN.) GREAT LAKES THREAD AND YARN CO., Detroit, Mich. Filed Oct. 26, 1925.

Vulcan

Particular description of goods.—Yarns and Sewing Threads.

Claims use since Oct. 15, 1925, and by its predecessor, Insulating Materials Co., since Nov. 28, 1924.

Ser. No. 222,453. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) A. H. GREBE & CO., INC., Richmond Hill, N. Y. Filed Oct. 28, 1925.

COLORTONE

Particular description of goods.—Radiodials and Mountings Therefor.

Claims use since Sept. 8, 1925.

Ser. No. 222,479. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) REYNOLDS SPRING COMPANY, Jackson, Mich. Filed Oct. 28, 1925.

Masterpiece
REYNOLITE

Particular description of goods.—Straight Two-Way Plugs, Angle Two-Way Plugs, Angle Three-Way Convenience Taps, Straight Three-Way Convenience Outlets, Convenience Taps, Appliance-Cord Switches, Separable Attachment Plugs, Heater Connecter Plugs, Switched Heater Connecter Plugs, Appliance-Cord Sets, Switches, Outlets, Flush Plates, Wall Plates, Push Plates, Sockets, Attachment Plugs, Receptacle Plates, Toggle Switch Plates, Push Switch Plates, Heater-Cord Sets, Switched Heater-Cord Sets, Single Receptacle Plates, and Duplex Receptacle Plates.

Claims use since July 20, 1925.

Ser. No. 222,480. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) REYNOLDS SPRING COMPANY, Jackson, Mich. Filed Oct. 28, 1925.

REYNOLITE

Particular description of goods.—Straight Two-Way Plugs, Angle Two-Way Plugs, Angle Three-Way Convenience Taps, Straight Three-Way Convenience Outlets, Convenience Taps, Separable Attachment Plugs, Heater Connecter Plugs, Switched Heater Connecter Plugs, Appliance-Cord Sets, Switches, Outlets, Flush Plates, Wall Plates, Push Plates, Sockets, Attachment Plugs, Receptacle Plates, Toggle Switch Plates, Push Switch Plates, Heater-Cord Sets, Switched Heater-Cord Sets, Single Receptacle Plates, and Duplex Receptacle Plates.

Claims use since July 20, 1925.

Ser. No. 222,482. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) REYNOLDS SPRING COMPANY, Jackson, Mich. Filed Oct. 28, 1925.

THE REYNOLITE LINE

The word "Line" is disclaimed apart from the mark shown.

Particular description of goods.—Straight Two-Way Plugs, Angle Two-Way Plugs, Angle Three-Way Convenience Taps, Straight Three-Way Convenience Outlets, Convenience Taps, Appliance-Cord Switches, Separable Attachment Plugs, Heater Connector Plugs, Switched Heater Connector Plugs, Appliance-Cord Sets, Switches, Outlets, Flush Plates, Wall Plates, Push Plates, Sockets, Attachment Plugs, Receptacle Plates, Toggle Switch Plates, Push Switch Plates, Heater-Cord Sets, Switched Heater-Cord Sets, Single Receptacle Plates, and Duplex Receptacle Plates.

Claims use since July 20, 1925.

Ser. No. 222,486. (CLASS 39. CLOTHING.) A. G. SPALDING & BROS., New York, N. Y. Filed Oct. 28, 1925.



No claim is made to the words appearing on the drawing apart from the mark as shown.

Particular description of goods.—Aviation Apparel—to wit, Suits, Jackets, Coats, Trousers, Overcoats, Helmets, and Gloves of Leather, Fabric, or Combinations Thereof—for Men and Women.

Claims use since Oct. 15, 1925.

Ser. No. 222,546. (CLASS 2. RECEPTACLES.) ADVANCE BAG AND PAPER COMPANY, INC., Boston, Mass. Filed Oct. 30, 1925.

KING SPRUCE

No claim is made to the word "Spruce" apart from the mark shown in the drawing.

Particular description of goods.—Paper Bags.

Claims use since Sept. 16, 1925.

Ser. No. 222,613. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HERBERT PACKING CO., INC., San Jose, Calif. Filed Oct. 31, 1925.

JAX

Particular description of goods.—Canned Fruit, Canned Vegetables, and Dried Fruit.

Claims use since Oct. 13, 1925.

Ser. No. 222,668. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VICTOR X-RAY CORPORATION, Chicago, Ill. Filed Oct. 31, 1925.

VICTOR

Particular description of goods.—Dark-Room and Fluoroscopic Chemicals, Radioactive Clay.

Claims use since about 1897.

Ser. No. 222,716. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) STRAITLINE RADIO CORPORATION, New York, N. Y. Filed Nov. 2, 1925.

STRAITLINE

No claim is made to the use of the word "Straitline" apart from the representation of an arrow extending through and united with the letters of said words as shown.

Particular description of goods.—Assembled Radio Receiving Apparatus or Sets and Parts Thereof.

Claims use since February, 1925.

Ser. No. 222,798. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) THE PIERCE-ARROW MOTOR CAR COMPANY, Buffalo, N. Y. Filed Nov. 4, 1925.



Particular description of goods.—Thermostatic Heat-Regulating Devices.

Claims use since about September, 1925.

Ser. No. 222,801. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A/S SMITH KJEKSFABRIK AKTIESELSKAP, Oslo, Norway. Filed Nov. 4, 1925.

POLAR

Particular description of goods.—Bread, Cakes, Biscuits, Wafers, and Crackers.

Claims use since January, 1918.

Ser. No. 222,884. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) STERILWASH MACHINE COMPANY, Hamilton, Ohio. Filed Nov. 5, 1925.

STERILWASH

Particular description of goods.—Machines for Cleaning Dishes, Glasses, Silver, and the Like.

Claims use since June 1, 1925.

Ser. No. 222,992. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PARFUMERIE ST. DENIS, New York, N. Y. Filed Nov. 7, 1925.

BLUE CARNATION

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Bath Salts, Smelling Salts, Sachets, Talcum Powders, and Incense.

Claims use since Aug. 15, 1925.

Ser. No. 223,001. (CLASS 12. CONSTRUCTION MATERIALS.) TEXAS CEMENT PLASTER CO., Plasterco, Tex., and Oklahoma City, Okla. Filed Nov. 7, 1925.



No claim is made to the words "Texas" and "Tile" per se apart from the mark shown on the drawing.

Particular description of goods.—Partition Tiles.

Claims use since June, 1925.

Ser. No. 223,017. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BRIGHT STAR BATTERY CO., doing business as Eclipse Battery Co., Hoboken, N. J. Filed Nov. 9, 1925.

ECLIPSE EBC

Particular description of goods.—Electric Batteries.

Claims use since Oct. 26, 1925.

Ser. No. 223,028. (CLASS 31. FILTERS AND REFRIGERATORS.) FILTRATION ENGINEERS INC., New York, N. Y. Filed Nov. 9, 1925.

FE

Particular description of goods.—Automatic Vacuum Filters, Automatic Sand Filters, Nonatomizing Wash Filters, Vacuum Discharge Filters, Scraperless Filters and Chemical Driers, Filter-Cake Compressors, Drying Systems, and Drum-Type Driers Used in Connection With Filters or Filtering Apparatus and Constituting a Part Thereof.

Claims use since about Aug. 1, 1919.

Ser. No. 223,151. (CLASS 12. CONSTRUCTION MATERIALS.) WOLVERINE BRASS WORKS, Grand Rapids, Mich. Filed Nov. 11, 1925.

Wolverine

Particular description of goods.—Pipe-Joint Cement.

Claims use since June 1, 1914.

Ser. No. 223,230. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) PROGRESSIVE MUSICAL INSTRUMENT CORPORATION, New York, N. Y. Filed Nov. 14, 1925.

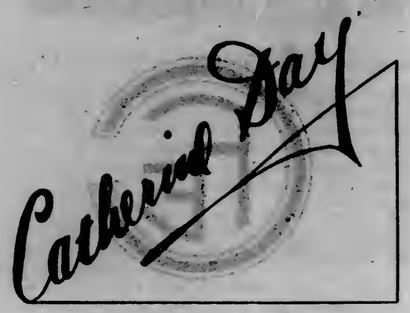
May Singhi Breen

The trade-mark consists of the facsimile signature of May Singhi Breen.

Particular description of goods.—Ukuleles and Banjo Ukuleles.

Claims use since May, 1925.

Ser. No. 223,452. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) YVETTE CO., New York, N. Y. Filed Nov. 17, 1925.



The trade-mark is a facsimile signature of Catherine Day.

Particular description of goods.—Cosmetic Lotions, Ointments, and Polishes.

Claims use since Oct. 9, 1925.

Ser. No. 223,455. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) BELGA MATCH SOC. AN., Ninove, Belgium. Filed Nov. 18, 1925.

Particular description of goods.—Matches.

Claims use since January, 1920.

Ser. No. 223,456. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) BELGA MATCH SOC. AN., Ninove, Belgium. Filed Nov. 18, 1925.



Particular description of goods.—Matches.

Claims use since February, 1925.

Ser. No. 223,467. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) BELGA MATCH SOC. AN., Ninove, Belgium. Filed Nov. 18, 1925.



Particular description of goods.—Matches.

Claims use since May, 1924.

Ser. No. 223,473. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) GIMBEL BROTHERS, INC., New York, N. Y., Philadelphia, Pa., and Milwaukee, Wis. Filed Nov. 18, 1925.



No claim is made to the exclusive use of the word "Radio" apart from the mark shown in the drawing.

Particular description of goods.—Radio Receiving Sets.

Claims use since Sept. 4, 1925.

Ser. No. 223,483. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) OTIS ELEVATOR COMPANY, Jersey City, N. J., and New York, N. Y. Filed Nov. 18, 1925. Under section 5b, of the act of 1905 as amended in 1920.

OTIS

Particular description of goods.—Escalators, Endless Carriers, Inclined Railways, Blast-Furnace Hoists, Ammunition Hoists, and Gravity Spiral Conveyers and parts thereof.

Claims use since prior to Jan. 1, 1905.

Ser. No. 223,533. (CLASS 38. PRINTS AND PUBLICATIONS.) CELIA IDA MORTIMER, Crystal Springs, Miss. Filed Nov. 19, 1925.

The Little Newspaper

No claim is made to the word "Newspaper" or to the words "Published Today" apart from the mark as shown.

Particular description of goods.—Newspaper Articles.

Claims use since Nov. 13, 1925.

Ser. No. 223,609. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SWIFT AND COMPANY, Chicago, Ill. Filed Nov. 20, 1925.

SWIFT'S
DIGESTER



TANKAGE

No claim is made to the exclusive right to use the surname "Swift's" or the words "Digester" and "Tankage" apart from the mark as shown.

Particular description of goods.—Stock Feed.

Claims use since about Jan. 1, 1903.

Ser. No. 223,717. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE HYDRAULIC PRESS MANUFACTURING COMPANY, Mount Gilead, Ohio. Filed Nov. 23, 1925.



No claim is made herein to the exclusive use of the words "High Pressure Hydraulic" or the representation of the press or the slogan "For Your Pressing Needs" apart from the trade-mark shown.

Particular description of goods.—Hydraulic Equipment, Especially Presses, Pumps, Valves, Accumulators, Intensifiers, All Used in Hydraulic Equipment.

Claims use since Mar. 1, 1922.

Ser. No. 223,835. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) CLARK COLEMAN COAL & COKE CO., Peoria, Ill. Filed Nov. 25, 1925.

KENTUCKY
IDEAL

The word "Kentucky" is disclaimed.

Particular description of goods.—Coal.

Claims use since Jan. 1, 1924.

Ser. No. 223,922. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KIBBE BROTHERS COMPANY, Springfield, Mass. Filed Nov. 27, 1925.

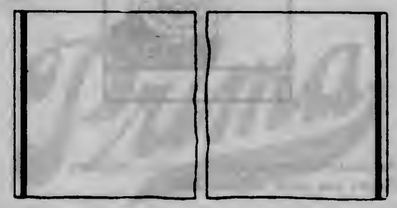
SOME!
PATTIES

Applicant disclaims "Patties" apart from the mark shown.

Particular description of goods.—Plain Cream Candies.

Claims use since July 1, 1925.

Ser. No. 224,064. (CLASS 37. PAPER AND STATIONERY.) THE WINTERBOTTOM BOOK CLOTH COMPANY LIMITED, Manchester, England. Filed Nov. 30, 1925.



The trade-mark consists of a single red line near each longitudinal edge of the tracing cloth.

Particular description of goods.—Tracing Cloth.

Claims use since Apr. 2, 1873.

Ser. No. 224,107. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) PASS & SEYMOUR, INCORPORATED, Solvay, N. Y. Filed Dec. 2, 1925.

P&S

Particular description of goods.—Electric Sockets and Parts Thereof, Receptacles and Parts Thereof, Electric-Lighting Fixtures and Fixture Parts, Plugs and Shade Holders For Electric Lamps; Insulators, Cut-Outs, Fuses, Conduit Clamps, Socket Adapters, Outlet-Box Adapters,

Conduit-Box Straps, Rosettes, Canopies, Ceiling Buttons, Cleats, Porcelain Parts, and Tubes For Electric Wiring, and Push Buttons and Switches For Electric Circuits.
Claims use since July 22, 1920.

Ser. No. 224,210. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) STROMBERG-CARLSON TELEPHONE MFG. CO., Rochester, N. Y. Filed Dec. 3, 1925.

TREASURE CHEST

Particular description of goods.—Assembled Radio Receiving Sets.
Claims use since Nov. 28, 1925.

Ser. No. 224,215. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) USINES ALLUMETTIÈRES DES FLANDERS SOCIETE ANONYME, Brussels, Belgium. Filed Dec. 3, 1925.



Particular description of goods.—Matches.
Claims use since August, 1925.

Ser. No. 224,218. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) USINES ALLUMETTIÈRES DES FLANDERS SOCIETE ANONYME, Brussels, Belgium. Filed Dec. 3, 1925.



Particular description of goods.—Matches.
Claims use since August, 1925.

Ser. No. 224,220. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) USINES ALLUMETTIÈRES DES FLANDERS SOCIETE ANONYME, Brussels, Belgium. Filed Dec. 3, 1925.



Particular description of goods.—Matches.
Claims use since August, 1923.

Ser. No. 224,249. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KENWORTHY GRAIN & MILLING CO., Tacoma, Wash. Filed Dec. 4, 1925.



Particular description of goods.—Stock and Poultry Feed.
Claims use since Nov. 12, 1925.

Ser. No. 224,275. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) DAVID CAPLAN COMPANY, Boston, Mass. Filed Dec. 5, 1925.

Mayflower

Particular description of goods.—Cloth Covers for Ironing Boards.
Claims use since on or about June 1, 1925.

Ser. No. 224,260. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BENJAMIN J. RABIN, doing business as Robin Pasting Co., New York, N. Y. Filed Dec. 7, 1925.

SWISSFORT

Particular description of goods.—Cheese.
Claims use since Oct. 8, 1925.

Ser. No. 224,268. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VOLOSHEN CHEMICAL CORPORATION, Brooklyn, N. Y. Filed Dec. 7, 1925.



No claim is made for the words "For Indigestion" apart from the mark. The trade-mark is on a background of red and blue, respectively.
Particular description of goods.—Indigestion Compound.
Claims use since about Sept. 25, 1925.

Ser. No. 224,435. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE STEVENS PAPER MILLS, INC., Windsor, Conn. Filed Dec. 8, 1925.

HI-TEX

Particular description of goods.—Composition Board and/or Paper Composed of Various Materials Pressed into Shape for the Purpose of Electrical Insulation.
Claims use since May 2, 1924.

Ser. No. 224,438. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WESTERN SAUSAGE & PROV. CO., INC., New York, N. Y. Filed Dec. 8, 1925.



The lining in the drawing represents the colors red and green, no claim being made to the exclusive use of the words "Confezione" (cure), "Garantita" (guaranteed), "1a" (prime), "Qualita" (quality), "Mortadella," (name of the product), "Marca" (brand) apart from the mark as shown in the drawing.
Particular description of goods.—Meat Products—Viz, Salami and Sausage.
Claims use since July 1, 1921.

Ser. No. 224,458. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FREDERICK C. HAYES, Newport, R. I. Filed Dec. 9, 1925.

Prima

Particular description of goods.—Hair Tonic.
Claims use since Dec. 1, 1924.

Ser. No. 224,488. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AMSCO PRODUCTS, INC., New York, N. Y. Filed Dec. 10, 1925.

AMSCO
GRID GATE

Particular description of goods.—Radio Parts—Namely, Resistance Units and Grid Leaks.
Claims use since Oct. 1, 1925.

Ser. No. 224,489. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AMSCO PRODUCTS, INC., New York, N. Y. Filed Dec. 10, 1925.



The word "Resistor" is disclaimed apart from the mark shown.

Particular description of goods.—Radio Parts—Namely, Resistance Units and Grid Leaks.

Claims use since Oct. 1, 1925.

Ser. No. 224,553. (CLASS 15. OILS AND GREASES.) THE EAGLE-PICHER LEAD COMPANY, Cincinnati, Ohio. Filed Dec. 11, 1925.



The lining in the drawing represents the colors red and blue. Exclusive use of the descriptive words "More Power" is disclaimed apart from the other features of the mark.

Particular description of goods.—Petroleum Products—Namely, Oils for Burning and All Lubricating Purposes, Motor and Fuel Oils, Gasoline, and Lubricating Greases.

Claims use since Nov. 20, 1925.

Ser. No. 224,642. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) AMERICAN GEAR COMPANY, Jackson, Mich. Filed Dec. 14, 1925.



A-G
Hammered
PISTON
RINGS

No claim is made to any of the words appearing in the mark excepting the letters "A-G" except in association with the mark as a whole. The words "Hammered Piston Rings" do not form a part of the registration sought apart from the mark shown. No claim is made to the exclusive use of the representation of the goods except in association with the mark as a whole.

Particular description of goods.—Piston Rings.

Claims use since Oct. 13, 1925.

Ser. No. 224,644. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ARNOLD BROTHERS INC., Chicago, Ill. Filed Dec. 14, 1925.



The use of the descriptive word "Meat" is disclaimed apart from the other features of the mark. Consent of Red Grange given.

Particular description of goods.—Meat and Ingredients of Foods, More Commonly Called Meat Sausage Loaf.

Claims use since Dec. 2, 1925.

Ser. No. 224,678. (CLASS 39. CLOTHING.) SEXTON MFG. CO., Fairfield, Ill. Filed Dec. 14, 1925.

"PALS"

Particular description of goods.—Men's Underwear and Nightwear—Namely, Union Suits, Drawers, Nightshirts, and Pyjamas—Made of Woven Textiles.

Claims use since September, 1923.

Ser. No. 224,698. (CLASS 2. RECEPTACLES.) ETHEL BROTHERS COMPANY, Williamsport, Pa. Filed Dec. 15, 1925.



No claim is made to the word "Box" except in the manner shown. The representation of the palette is printed in gold.

Particular description of goods.—Empty Paper Boxes With Fancy Coverings.

Claims use since Nov. 12, 1925.

Ser. No. 224,723. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) POWELL'S, New York, N. Y. Filed Dec. 15, 1925.



No claim is made to the lining for color shown on the drawing.

Particular description of goods.—Candies.

Claims use since about Nov. 28, 1925.

Ser. No. 224,758. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN M. HEIB, Seattle, Wash. Filed Dec. 16, 1925.



The picture appearing on the drawing is that of applicant.

Particular description of goods.—Liniment for Sprains, Bruises, Stings, Swellings, Rheumatism, Neuralgia, Lumbago, Sore Throat, Contracted Muscles, Pimples, Blackheads, and Superficial Eruptions of the Skin.

Claims use since 1914.

Ser. No. 224,772. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LEE & CADY, doing business as Bay City Grocer Co., Bay City, Mich. Filed Dec. 16, 1925.

HOME BAKER

Particular description of goods.—Bread and Pastry Wheat Flour.

Claims use since Oct. 1, 1925.

Ser. No. 224,843. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) J. M. TENNISON, doing business as Tennison Bros., Texarkana, Ark. Filed Dec. 17, 1925.



The drawing shows the body portion of the elliptical figure lined to indicate red, while a panel near the top of such figure and similar panel near the bottom are lined to indicate blue. The words "Tennison" and "Texarkana" are not claimed herein apart from the other features of the mark.

Particular description of goods.—Galvanized Laundry Tubs.

Claims use since January, 1921.

Ser. No. 224,844. (CLASS 10. FERTILIZERS.) EDWARD G. THORNTON, Milford, Va. Filed Dec. 17, 1925.

OMESBY

Particular description of goods.—Fertilizers.

Claims use since August, 1925.

Ser. No. 224,927. (CLASS 39. CLOTHING.) PECKHAM-FORBMAN INC., New York, N. Y. Filed Dec. 19, 1925.

"travelo"

Particular description of goods.—Knit Articles of Wearing Apparel—Namely, Knit Jackets, Sweaters, Coats, for Men, Women, and Children; Shirts, including Dress, Negligee, Work, and Under Shirts, the Said Under Shirts Being Made of Both Knitted and Textile or Woven Fabrics; Union-Suit Styles of Knitted Underwear, Skirts, Trousers; Bathing Suits for Men, Women, Misses, Boys, and Children, Both One Piece and Two Piece; Juvenile Bathing Suits, Bathing Shirts, Trunks, Support Shirts, and Bathing Trousers Made of Flannel.

Claims use since June, 1914.

Ser. No. 224,946. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) BIPPART, BENNETT & Co., Newark, N. J. Filed Dec. 21, 1925.



No claim is made to the characters "14 K" appearing on the drawing.

Particular description of goods.—Jewelry for Personal Wear, Not Including Watches.

Claims use since about Oct. 15, 1925.

Ser. No. 224,958. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) COTTONWOOD FIBRE COMPANY, St. Louis, Mo. Filed Dec. 21, 1925.

CECOLA HEATER

No claim is made to the exclusive use of the word "Heater" apart from the mark shown.

Particular description of goods.—Oil Burners.

Claims use since Nov. 10, 1925.

Ser. No. 224,960. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) DAL-TEX COFFEE CO., Dallas, Tex. Filed Dec. 21, 1925.

ELEGANT

Particular description of goods.—Coffee and Tea.

Claims use since Jan. 1, 1921.

Ser. No. 225,097. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. WILLIAM H. LUCAS, New York, N. Y. Filed Dec. 23, 1925.

PLUMBICOL

Particular description of goods.—Medicine in Ampule Form for Intravenous Treatment for Cancer and Like Diseases.

Claims use since Dec. 14, 1925.

Ser. No. 225,119. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANTHONY R. GENOVESE, New Orleans, La. Filed Dec. 24, 1925.

KOLOR-BUTTE

Particular description of goods.—Liquid Hair Straightener.

Claims use since Oct. 1, 1925.

Ser. No. 225,132. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NORTH WHITTIER HEIGHTS CITRUS ASSOCIATION, Puente, Calif. Filed Dec. 24, 1925.

CLUB HOUSE

Particular description of goods.—Fresh Oranges, Lemons, and Grapefruit.

Claims use since Jan. 1, 1922.

Ser. No. 225,133. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NORTH WHITTIER HEIGHTS CITRUS ASSOCIATION, Puente, Calif. Filed Dec. 24, 1925.

Del Mar

Particular description of goods.—Fresh Oranges, Lemons, and Grapefruit.

Claims use since December, 1919.

Ser. No. 225,134. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NORTH WHITTIER HEIGHTS CITRUS ASSOCIATION, Puente, Calif. Filed Dec. 24, 1925.

ST. REGIS

Particular description of goods.—Fresh Oranges, Lemons, and Grapefruit.

Claims use since December, 1919.

Ser. No. 225,146. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) SOCIETE ANONYME RODIER, Paris, France. Filed Dec. 24, 1925.

TCHAINIC

Particular description of goods.—Piece Goods of Wool, Cotton, and Silk, and Mixtures of the Same.

Claims use since Sept. 20, 1925.

Ser. No. 225,171. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) THE CLEVELAND HEATER COMPANY, Cleveland Ohio. Filed Dec. 26, 1925.

PATROL

Particular description of goods.—Hot-Water Heaters, Water-Storage Heaters, Gas-Heating Systems, Heating Coils, Burners, Valves, Thermostat Devices, Pipe Fittings for Use in Connection Therewith, and Heat-Insulating Covers for Boilers.

Claims use since Oct. 22, 1925.

Ser. No. 225,195. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KUNISHIMA BROTHERS CO., El Centro, Calif. Filed Dec. 26, 1925.

ABOVE ALL

Particular description of goods.—Fresh Deciduous Fruits, Fresh Vegetables, Fresh Cantaloupes.

Claims use since May 17, 1925.

Ser. No. 225,207. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) STEWART-WARNER SPEEDOMETER CORPORATION, Chicago, Ill. Filed Dec. 26, 1925.

Stewart

Warner

The mark includes the name "Stewart" in the form of facsimile signature of John K. Stewart, founder and first president of this corporation, and the name "Warner" is displayed in a style consistent with said facsimile signature.

Particular description of goods.—Detector and Amplifier Tubes for Radio Receiving Apparatus.

Claims use since Oct. 1, 1925.

Ser. No. 225,244. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SHELMORE OYSTER PRODUCTS COMPANY, doing business as H. G. Leiding Co., as sole agents, Charleston, S. C. Filed Dec. 28, 1925.

GOLDEN BAY

Particular description of goods.—Canned Oysters and Canned Vegetables.

Claims use since 1922.

Ser. No. 225,245. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SHELMORE OYSTER PRODUCTS COMPANY, doing business as H. G. Leiding Co., as sole agents, Charleston, S. C. Filed Dec. 28, 1925.

CRYSTAL BAY

Particular description of goods.—Canned Oysters and Canned Vegetables.

Claims use since 1922.

Ser. No. 225,246. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANDREW C. STEPHENSON, doing business as Calo Remedy Company, Franklin, Ind. Filed Dec. 28, 1925.

Calo Corn

No claim is made to the word "Corn" apart from its connection with the word "Calo."

Particular description of goods.—Medicine for the Removal of Hard and Soft Corns, Bunions, and Calli.

Claims use since Oct. 31, 1925.

Ser. No. 225,276. (CLASS 21. ELECTRICAL APPARATUS. MACHINES, AND SUPPLIES.) PHILADELPHIA STORAGE BATTERY CO., Philadelphia, Pa. Filed Dec. 29, 1925.

PHILCOTRON

Particular description of goods.—Electrolytic Rectifiers and Condensers.

Claims use since August, 1925.

Ser. No. 225,291. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VOGIES BAKING COMPANY, New Orleans, La. Filed Dec. 29, 1925.

Victoria Fruit Cake

The words "Fruit Cake" are disclaimed apart from the mark as shown in the drawing.

Particular description of goods.—Fruit Cake.

Claims use since 1908.

Ser. No. 225,293. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) THE WEIDLICH BROS. M'F'G. CO., Bridgeport, Conn. Filed Dec. 29, 1925.

JIFFY CRUMBER

No claim is made to the word "Crumber" apart from the mark as shown in the drawing.

Particular description of goods.—Silverware—Namely, Flatware, and More Particularly Table Crumbers.

Claims use since Dec. 15, 1925.

Ser. No. 225,294. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) WHITELEY & FOERDISCH, New York, N. Y. Filed Dec. 29, 1925.

BETHOCOKE

The word "Coke" is hereby disclaimed except in combination with the mark shown.

Particular description of goods.—Coke.
Claims use since Nov. 16, 1925.

Ser. No. 225,346. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) BRAND & OPPENHEIMER, INCORPORATED, New York, N. Y. Filed Dec. 31, 1925.

SLIKETTE

Particular description of goods.—Cotton Piece Goods.
Claims use since Dec. 1, 1925.

Ser. No. 225,352. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) ECONOMY IRRIGATION COMPANY LIMITED, Victoria, British Columbia, Canada, and Seattle, Wash. Filed Dec. 31, 1925.

SPECTACULAR

Particular description of goods.—Irrigation Sprinklers.
Claims use since on or about 1922.

Ser. No. 225,354. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ELECTRIC ROTARY MACHINE CO., Chicago, Ill. Filed Dec. 31, 1925.

FREE-O-DUST

Particular description of goods.—Electrical Floor-Surfacing Machines.
Claims use since Apr. 23, 1925.

Ser. No. 225,355. (CLASS 38. PRINTS AND PUBLICATIONS.) THE FASHION INSTITUTE, INC., Chicago, Ill. Filed Dec. 31, 1925.

"Nu-Way"

Particular description of goods.—Lessons, Instruction Sheets, and Printed Lectures.
Claims use since about Oct. 1, 1925.

Ser. No. 225,376. (CLASS 38. PRINTS AND PUBLICATIONS.) THE NEW EVE PUBLISHING COMPANY, INCORPORATED, New York, N. Y. Filed Dec. 31, 1925.

THE NEW Eve

Particular description of goods.—Magazines Issued Monthly.
Claims use since Dec. 17, 1925.

Ser. No. 225,380. (CLASS 32. FURNITURE AND UPHOLSTERY.) RELIANCE PICTURE FRAME CO., INC., New York, N. Y. Filed Dec. 31, 1925.

RELIANCE
PICTURES MIRRORS FRAMES

No claim is made to the use of the words "Pictures Mirrors Frames" apart from the mark as shown in the drawing.

Particular description of goods.—Picture Frames and Mirror Frames.
Claims use since Nov. 21, 1925.

Ser. No. 225,413. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) THE GLIDDEN COMPANY, Cleveland, Ohio. Filed Jan. 2, 1926.

Zinc-Ol-Lith

Particular description of goods.—Dry, Paste, and Ready-Mixed Paints, Varnishes, Wall Paints, Stains, Lacquers, Japans, Driers and Dry Colors, Flat Wall Finishes.
Claims use since Dec. 1, 1925.

Ser. No. 225,429. (CLASS 39. CLOTHING.) S. LIEBOVITZ & SONS, INC., New York, N. Y. Filed Jan. 2, 1926.

Suede-tex

The word "Suede" is hereby disclaimed apart from the mark as shown.

Particular description of goods.—Dress, Work, or Negligee Shirts, Blouses, Nightshirts, and Pyjamas.
Claims use since Feb. 1, 1924.

Ser. No. 225,433. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LUCKY STAR MFG. CO., Cincinnati, Ohio. Filed Jan. 2, 1926.

"Lucky Star"

Particular description of goods.—Perfumes.
Claims use since Aug. 5, 1925.

Ser. No. 225,446. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CARL HENRY RAUSCHENBERG, Greenville, Pa., assignor to Muntz-Wright Company, Greenville, Pa., a Corporation. Filed Jan. 2, 1926.

Muntz-Ola

Particular description of goods.—Radio Receiving Sets and Parts Thereof.
Claims use since Oct. 16, 1925.

Ser. No. 225,470. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NATHANIEL WEBSTER DUDLEY, Cave Spring, Ga. Filed Jan. 4, 1926.

N. W. D.

Particular description of goods.—Liniment for Cramps, Pains, Colic, Itch, Wart, Goiter, and Stomach Trouble.
Claims use since Nov. 1, 1915.

Ser. No. 225,475. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PHILIP N. HYMAN, Minneapolis, Minn. Filed Jan. 4, 1926.

IMMUNE

Particular description of goods.—Insecticide.
Claims use since on or about Dec. 26, 1925.

Ser. No. 225,476. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa. Filed Jan. 4, 1926.

CAVALIER

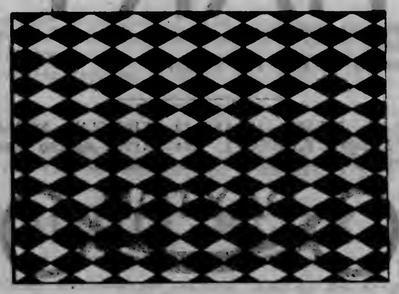
Particular description of goods.—Bicycles.
Claims use since Nov. 10, 1925.

Ser. No. 225,503. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CALGOLD PRODUCTS CO., San Francisco, Calif. Filed Jan. 5, 1926.

CALGOLD

Particular description of goods.—Table Sirup.
Claims use since Dec. 1, 1925.

Ser. No. 225,507. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) DIAMOND ELECTRIC SPECIALTIES CORPORATION, Newark, N. J. Filed Jan. 5, 1926.



Particular description of goods.—Batteries.
Claims use since Oct. 15, 1925.

Ser. No. 225,517. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) THE LION SAFETY PIN CLUTCH CO., INC., New York, N. Y. Filed Jan. 5, 1926.

PROTECTION

Particular description of goods.—Ring Guards.
Claims use since Apr. 30, 1917.

Ser. No. 225,533. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) WASH CHEMICAL CO., INC., Silver Spring, Md. Filed Jan. 5, 1926.

DU-RITE

Particular description of goods.—Soluble Powder Adapted to be Dissolved in Water, Used for General Household Cleaning Purposes.
Claims use since Nov. 24, 1925.

Ser. No. 225,574. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) PHELPS TIRE & RUBBER COMPANY, Garfield, N. J. Filed Jan. 6, 1926.

GIANTIC

Particular description of goods.—Automobile Tires and Inner Tubes.
Claims use since Oct. 5, 1925.

Ser. No. 225,592. (CLASS 39. CLOTHING.) CLUETT, PEABODY & CO., INC., Troy, N. Y. Filed Jan. 7, 1926.

HART

Particular description of goods.—Dress and Negligee Shirts.
Claims use since Feb. 5, 1924.

Ser. No. 225,594. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE DAYTON ROLLED METAL COMPANY, Dayton, Ohio. Filed Jan. 7, 1926.

DAYTON

The word "Dayton" is disclaimed except in association with the other features of the mark.
Particular description of goods.—Bicycle Rims.
Claims use since Oct. 24, 1925.

Ser. No. 225,602. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ELEVATOR SUPPLIES CO., INC., Hoboken, N. J. Filed Jan. 7, 1926.

FADELITE

Particular description of goods.—Electric Position Indicator for Elevators.
Claims use since about Jan. 1, 1925.

Ser. No. 225,617. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) HENRY SEVEREN NELSON, San Francisco, Calif. Filed Jan. 7, 1926.

Duco Brushes

No claim is made to the word "Brushes" alone.
Particular description of goods.—Painters' Brushes.
Claims use since Dec. 10, 1925.

Ser. No. 225,618. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) PAF MANUFACTURING COMPANY, INC., St. Louis, Mo. Filed Jan. 7, 1926.

PAF

Particular description of goods.—Spark Plugs for Internal-Combustion Engines.
Claims use since Nov. 4, 1925.

Ser. No. 225,621. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SOUTHERN IDAHO BEAN GROWERS ASSOCIATION, Twin Falls, Idaho. Filed Jan. 7, 1926.

SIBEANGA

No claim is made to the exclusive use of a color or color combination.
Particular description of goods.—Fresh Beans.
Claims use since Sept. 15, 1925.

Ser. No. 225,649. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CONSOLIDATED BATTERY COMPANY, Buffalo, N. Y., and Philadelphia, Pa. Filed Jan. 8, 1926.

CONSOLIDATED

Particular description of goods.—Electric Batteries.
Claims use since 1924.

Ser. No. 225,657. (CLASS 17. TOBACCO PRODUCTS.) GALLAHER LIMITED, Belfast, Ireland. Filed Jan. 8, 1926. Under ten-year proviso.

GALLAHER

Particular description of goods.—Smoking and Chewing Tobacco, Cigars, and Cigarettes.
Claims use since Aug. 13, 1875.

Ser. No. 225,676. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) PRECISION LIQUID DISPENSER COMPANY, Minneapolis, Minn. Filed Jan. 8, 1926.

CONSERVO

Particular description of goods.—Self-Measuring Liquid-Dispensing Valves, Self-Measuring Cream Dispensers, Self-Measuring Gasoline and Oil Pumps, Self-Measuring Beverage Dispensers, and Self-Measuring Sirup Dispensers.
Claims use since on or about Dec. 10, 1925.

Ser. No. 225,678. (CLASS 2. RECEPTACLES.) THE ROSETH CORPORATION, Brooklyn, N. Y. Filed Jan. 8, 1926.

SAFE PACK

Particular description of goods.—Paper Garment Bags.
Claims use since January, 1925.

Ser. No. 225,679. (CLASS 2. RECEPTACLES.) THE ROSETH CORPORATION, Brooklyn, N. Y. Filed Jan. 8, 1926.

GAARD

Particular description of goods.—Paper Garment Bags.
Claims use since June, 1925.

Ser. No. 225,682. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) SINGER PAPER PRODUCTS CO. NOT INC., Chicago, Ill. Filed Jan. 8, 1926.

Toy-Town

Particular description of goods.—Toy Houses, Garages, Gasoline Service Stations, Drug Stores, Fire-Department Stations, Hotels, Banks, Police Stations, General Stores, Railroad Stations, Schools, Churches, Libraries, and Factories.
Claims use since Nov. 10, 1925.

Ser. No. 225,695. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) AUTOMATIC TELEPHONE MANUFACTURING COMPANY LIMITED, Liverpool, England. Filed Jan. 9, 1926.

CLARITONE

Particular description of goods.—Telephone Instruments, More Particularly Loud Speakers for Use in Wireless Telephony.
Claims use since Nov. 1, 1922.

Ser. No. 225,704. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) G. A. CROSMAN & SONS CO., Deering Junction, Portland, Me. Filed Jan. 9, 1926.

KIDDIE-BLOX

Applicant disclaims the exclusive right to the word "Blox" except in the particular and association in which it appears in the drawing.
Particular description of goods.—Toy Wooden Building Blocks.
Claims use since Dec. 8, 1924.

Ser. No. 225,710. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ALBERT M. GUGENHEIM, doing business as Baronet Extract and Distributing Co., Baronet Co., and Baronet Distributing Co., Cincinnati, Ohio. Filed Jan. 9, 1926.

BARONET

Particular description of goods.—Rubbing Alcohol, Bay Rum, After-Shaving Lotion, Toilet Water, Cocoa-Oil Shampoo, Quinine Hair Tonic; Tincture of Ginger, Double U. S. P. Strength, 91 per Cent; Face and Talcum Powders, Cold Creams, Vanishing Creams, and Massage Creams.

Claims use since March, 1924.

Ser. No. 225,711. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALBERT M. GUGENHEIM, doing business as Baronet Extract and Distributing Co., Baronet Co., and Baronet Distributing Co., Cincinnati, Ohio. Filed Jan. 9, 1926.

BARONET

Particular description of goods.—Culinary Flavoring Extracts for Table Use, Including Pure Almond, Imitation Banana, Pure Cateway, Imitation Cognac, Imitation Lemon, Pure Orange, Pure Peppermint, Imitation Prune, Imitation Sherry, Pure Vanilla, Pure Anise, Imitation Blackberry, Imitation Sweet Cherry, Imitation Currant, Pure Lemon, Imitation Peach, Imitation Pineapple, Imitation Raspberry, Imitation Strawberry, Imitation Apple, Imitation Apricot, Imitation Brandy, Imitation Wild Cherry, Imitation Grape, Terpeneless Lemon, Imitation Pear, Imitation Plum Pudding, Imitation Rum, and Imitation Vanilla.

Claims use since July, 1921.

Ser. No. 225,722. (CLASS 39. CLOTHING.) LONDON SHOE COMPANY INC., New York, N. Y. Filed Jan. 9, 1926.

RITE *Character*

Particular description of goods.—Shoes for Men, Women, and Children, Made of Leather, Rubber, and Fabric, Leather and Rubber, Leather and Fabric, and Rubber and Fabric.

Claims use since May 15, 1925.

Ser. No. 225,771. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) NATHAN COON, doing business as The Indian Lake Boat Company, Lima, Ohio. Filed Jan. 11, 1926.

DART

The letters of drawing are in gold leaf and the dart in red piercing the letters.

Particular description of goods.—Boats and Canoes.

Claims use since Sept. 11, 1925.

Ser. No. 225,792. (CLASS 45. BEVERAGES, NON-ALCOHOLIC.) THE MASSOLT BOTTLING CO., Minneapolis, Minn. Filed Jan. 11, 1926.

Golden Bubble

Golden Bubble

A Smile in every Bottle

The drawing is lined for green and gold.

Particular description of goods.—Nonalcoholic, Nonsereal, Maltless Drinks and Sirups for Making the Same.

Claims use since Dec. 1, 1925.

Ser. No. 225,815. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DAN W. STEWART, Jacksonville, Fla. Filed Jan. 11, 1926.

"S. H. B."

Particular description of goods.—Soluble Hot-Bath Preparations for Treating Rheumatism, Itches, Skin Diseases, Old Sores, Sores, Cuts, Insect Bites, and Inflamed or Irritated Places.

Claims use since August, 1925.

Ser. No. 225,837. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MUSIC MASTER CORPORATION, Philadelphia, Pa. Filed Jan. 12, 1926.

Music Master

Gold

Particular description of goods.—Radiotubes.

Claims use since April, 1925.

Ser. No. 225,838. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MUSIC MASTER CORPORATION, Philadelphia, Pa. Filed Jan. 12, 1926.

Music Master

Golden Ray

Particular description of goods.—Radiotubes.

Claims use since April, 1925.

Ser. No. 225,839. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NATIONAL LABORATORIES, INCORPORATED, Los Angeles, Calif. Filed Jan. 12, 1926.

Ergoformum Comp.

No claim is made to any exclusive rights in the word "Comp."

Particular description of goods.—Medicinal Preparations and Medicinal Preparations in Capsule Form to be Used in the Treatment of Amenorrhea, Dysmenorrhea, Menarrhagia, Metrorrhagia, Uterine Hemorrhages, and Other Menstrual Irregularities.

Claims use since Dec. 1, 1925.

Ser. No. 225,840. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NATIONAL LABORATORIES, INCORPORATED, Los Angeles, Calif. Filed Jan. 12, 1926.

Pr. Protoform Comp.

No claim is made to any exclusive rights in the word "Comp."

Particular description of goods.—Medicinal Preparations and Medicinal Preparations in Suppository Form to be Used in the Treatment of Vaginitis, Vaginal Catarrh, Leucorrhea, Engometrigis, and as a General Antiseptic.

Claims use since Dec. 1, 1925.

Ser. No. 225,858. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) ARROW EMBLEM CO., INC., New York, N. Y. Filed Jan. 18, 1926.

SULTAN BRAND



No rights are asserted to the exclusive use of the word "Brand" apart from the trade-mark shown.

Particular description of goods.—Scarf and Collar Pins, Collar Buttons, Studs, and Link Sleeve Buttons Made Wholly or in Part of Precious Metal.

Claims use since September, 1925.

Ser. No. 225,864. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) BASTIAN-MORLEY CO., Laporte, Ind. Filed Jan. 13, 1926.

BASMOR

Particular description of goods.—Temperature-Control Devices for Water Heaters—Namely, Thermostatically-Controlled Valves and Parts Thereof.

Claims use since Feb. 6, 1925.

Ser. No. 225,908. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE F. C. AYERS MERCANTILE COMPANY, Denver, Colo. Filed Jan. 14, 1926.

AMERCO

The drawing is lined to designate the colors blue and red according to the official color chart but the essential feature of the trade-mark is the word "Amerco."

Particular description of goods.—Poultry Feed.

Claims use since Jan. 19, 1922.

Ser. No. 225,926. (CLASS 39. CLOTHING.) JOROCCO DRESSES, INC., New York, N. Y. Filed Jan. 14, 1926.

CHATELAINE PRINTS

Applicant disclaims the use of the word "Prints" apart from the mark as shown.

Particular description of goods.—Silk and Rayon Dresses.

Claims use since Dec. 14, 1925.

Ser. No. 225,953. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) DEXTER RUBBER MANUFACTURING COMPANY, Goshen, N. Y. Filed Jan. 15, 1926.

STICK-RITE

Particular description of goods.—Rim Flaps for Tires.

Claims use since Jan. 10, 1925.

Ser. No. 225,957. (CLASS 39. CLOTHING.) KENNETH F. HARDIN, doing business as Hardin & Slider, New Albany, Ind. Filed Jan. 15, 1926.

HARCO

Particular description of goods.—Men's, Women's, and Children's Knitted Underwear, Dress Shirts, Overalls, Men's Pad Garters, Women's House Dresses and Aprons, Men's Caps, and Men's, Women's, and Children's Hosiery, Neckties, Work Trousers; Gloves Made of Leather, Fabric, and Rubber and Combinations of the Same; Suspenders, and Belts of Leather.
Claims use since May 1, 1925.

Ser. No. 225,960. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) SANITARY SCALE COMPANY, Chicago, Ill. Filed Jan. 15, 1926.

SANITARY

Exclusive use of the name "Sanitary" apart from the other features of the mark herein illustrated is not claimed.
Particular description of goods.—Weighing Scales.
Claims use since Nov. 1. 1925.

Ser. No. 225,961. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Jan. 15, 1926.

BLUE POINT

Particular description of goods.—Oil Stoves, Oil Burners, and Wicks.
Claims use since Dec. 8, 1925.

Ser. No. 225,987. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) VICTOR MANUFACTURING & GASKET CO., Chicago, Ill. Filed Jan. 15, 1926.

VICTORITE

Particular description of goods.—Gaskets.
Claims use since Jan. 1, 1925.

Ser. No. 226,030. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE WEBB FUEL COMPANY, Cincinnati, Ohio. Filed Jan. 16, 1926.

EBONY

Particular description of goods.—Coal.
Claims use since March, 1911.

Ser. No. 226,035. (CLASS 40. FOODS AND INGREDIENTS OF FOODS.) ANTONIO MORICI CO., Chicago, Ill. Filed Jan. 18, 1926.

CONTADINA BRAND

No claim is made to the word "Brand" apart from the mark shown in the drawing.
Particular description of goods.—Loose, Canned, and Packed Macaroni of All Shapes.
Claims use since March, 1924.

Ser. No. 226,038. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ARNOLD W. BOHDE, Fort Wayne, Ind. Filed Jan. 18. 1926.



The words other than "Porky-Pine" not being claimed apart from the mark shown.
Particular description of goods.—Medicine for the Treatment of Hog Cholera.
Claims use since Jan. 6, 1926.

Ser. No. 226,039. (CLASS 12. CONSTRUCTION MATERIALS.) BRASIL CLAY COMPANY, Brasil, Ind. Filed Jan. 18, 1926.

PEB-TEX

Particular description of goods.—Bricks.
Claims use since Jan. 4, 1926.

Ser. No. 226,070. (CLASS 37. PAPER AND STATIONERY.) MIDWEST PAPER COMPANY, Chicago, Ill. Filed Jan. 18, 1926.

FAIRWAY BOND

No claim is made to the word "Bond" apart from the mark shown.
Particular description of goods.—Bond Paper.
Claims use since January, 1915.

Ser. No. 226,072. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) NIPPON DRY GOODS COMPANY, San Francisco, Calif. Filed Jan. 18, 1926.



No claim is made to the word "Incense".
Particular description of goods.—Incense.
Claims use since Sept. 21, 1925.

Ser. No. 226,109. (CLASS 39. CLOTHING.) NATH'L FISHER & Co., New York, N. Y. Filed Jan. 19, 1926.



The exclusive right to the words "Dr. Chas. Foote" are disclaimed apart from the mark shown.
Particular description of goods.—Shoes Made Wholly or in Part of Leather.
Claims use since Jan. 14, 1926.

Ser. No. 226,124. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) JOHN BLUM, doing business as P. T. Supply Company, New York, N. Y. Filed Jan. 20, 1926.

BLUE BELL

"Blue Bell."
Particular description of goods.—Detector and Amplifier Tubes for Radio Apparatus.
Claims use since Oct. 5, 1925.

Ser. No. 226,128. (CLASS 12. CONSTRUCTION MATERIALS.) CHAMBERLAIN COMPANY, INC., Los Angeles, Calif. Filed Jan. 20, 1926.

SNOWFLAKE

Particular description of goods.—Crushed White Rock, Crushed Dolomite, Crushed Marble, and Crushed Silicate.
Claims use since June, 1922.

Ser. No. 226,131. (CLASS 12. CONSTRUCTION MATERIALS.) W. S. DICKEY CLAY MANUFACTURING COMPANY, Kansas City, Mo. Filed Jan. 20, 1926.

OSAGE

Particular description of goods.—Fire Brick.
Claims use since Oct. 31, 1924.

Ser. No. 226,133. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) E. W. DUTTON INC., New York, N. Y. Filed Jan. 20, 1926.

SPINRAY

Particular description of goods.—Artificial-Silk Waste, Also Known as Rayon Silk.
Claims use since Dec. 5, 1925.

Ser. No. 226,166. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOSEPH F. RUBY, Naugatuck, Conn. Filed Jan. 20, 1926.

OYAMA

Particular description of goods.—Candy.
Claims use since about Dec. 15, 1925.

Ser. No. 226,178. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) PAUL TUMP, Milwaukee, Wis. Filed Jan. 20, 1926.



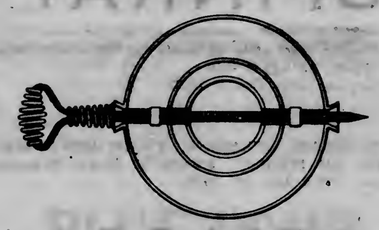
Particular description of goods.—Cleaner and Cleaner Powder—Namely, Laundry Washing Powder, Creamery and Dairy Powder, Dishwashing Powder, and Bottling Powder.
Claims use since Jan. 19, 1924.

Ser. No. 226,207. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LUIGI PEZZE, M. D., Jersey City, N. J. Filed Jan. 21, 1926.

Idriodo

Particular description of goods.—Medicine in the Nature of an Antiseptic.
Claims use since June 1, 1923.

Ser. No. 226,213. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) STOVER MANUFACTURING & ENGINE CO., Freeport, Ill. Filed Jan. 21, 1926.



The mark consists in coloring the damper spindle red, as illustrated by the shade lines on the drawing, in contrast to the remainder of the damper. No claim is made to the representation of the goods.
Particular description of goods.—Stove Dampers and Spindles Therefor.
Claims use since Dec. 8, 1925.

Ser. No. 226,237. (CLASS 39. CLOTHING.) A. HISSNBERG COMPANY, INC., Baltimore, Md. Filed Jan. 22, 1926.

Janice Frock
REG

No claim is made to the word "Frock" and "Reg." apart from the mark shown in the drawing.
Particular description of goods.—Frocks.
Claims use since Nov. 20, 1925.

Ser. No. 226,238. (CLASS 32. FURNITURE AND UPHOLSTERY.) EMMANUEL MISSIONARY COLLEGE, Berrien Springs, Mich. Filed Jan. 22, 1926.



No claim is made to the words appearing on the drawing and no claim is made to the representation of a chair apart from the mark shown in the drawing.
Particular description of goods.—Rockerless Rocking-Chairs.
Claims use since Aug. 15, 1925.

Ser. No. 226,266. (CLASS 48. MALT BEVERAGES, EXTRACTS, AND LIQUORS.) UNITY BEVERAGE COMPANY, Chicago, Ill. Filed Jan. 22, 1926.

UNITY

Particular description of goods.—Malt Sirup for Beverage Purposes.
Claims use since Feb. 18, 1920.

Ser. No. 226,287. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) C. HERENDEEN & SON, Chicago, Ill. Filed Jan. 23, 1926.

BREADAID

Particular description of goods.—Bread-Improving Compound.
Claims use since late fall of 1924.

Ser. No. 226,288. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN W. HOUSE, Boston, Mass. Filed Jan. 23, 1926.

CHARTERHOUSE

Particular description of goods.—Suitings and Woven Cloth in the Piece Made of Wool, Silk, Goat, and Sheep Hair and other Fibers.
Claims use since Jan. 19, 1926.

Ser. No. 226,269. (CLASS 12. CONSTRUCTION MATERIALS.) IRVING IRON WORKS COMPANY, Long Island City, N. Y. Filed Jan. 23, 1926.

STREAMLINE

Particular description of goods.—Metal Grating for Floorings, Stairtreads, and Roadways.
Claims use since Jan. 13, 1926.

Ser. No. 226,316. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VIRGINIA SMELTING COMPANY, Portland, Me. Filed Jan. 23, 1926.

EXTRA DRY ESOTOO

No registration rights are claimed for the words "Extra Dry" apart from the mark shown in the drawing.
Particular description of goods.—Liquid Sulphur Dioxide.
Claims use since Dec. 23, 1925.

Ser. No. 226,320. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILSON COFFEE COMPANY, Fort Smith, Ark. Filed Jan. 23, 1926.

WILCO

Particular description of goods.—Coffee.
Claims use since Sept. 23, 1925.

Ser. No. 226,327. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) AMERICAN MANGANESE STEEL COMPANY, Chicago Heights and Chicago, Ill., New York, N. Y., New Castle, Del., Los Angeles and Oakland, Calif., Denver, Colo., and St. Louis, Mo. Filed Jan. 25, 1926.

FAHRALLOY

Particular description of goods.—Heat-Resisting and Corrosion-Resisting and Oxidation-Resisting Alloys, Both in the Raw or Ingot Form and in the Form of Rough Castings, Partially-Finished Castings, and Finished Castings.
Claims use since Mar. 5, 1925.

Ser. No. 226,332. (CLASS 37. PAPER AND STATIONERY.) THE CLEVELAND PAPER MANUFACTURING COMPANY, Cleveland, Ohio. Filed Jan. 26, 1926.



Particular description of goods.—Printing Papers.
Claims use since about Nov. 15, 1925.

Ser. No. 226,363. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NASH COFFEE COMPANY, Minneapolis, Minn. Filed Jan. 26, 1926.

TRUSOFT

Particular description of goods.—Coffee.
Claims use since Jan. 20, 1925.

Ser. No. 226,403. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) JOHN L. WHITING-J. J. ADAMS COMPANY, Boston, Mass. Filed Jan. 25, 1926.

DEKORATO

Particular description of goods.—Brushes for Painting, Varnishing, or Applying Various Liquids.
Claims use since July 1, 1918.

Ser. No. 226,417. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BEN. CHIELS, doing business as Roice Tube Co., New York, N. Y. Filed Jan. 26, 1926.

ROICE

Particular description of goods.—Radiotubes.
Claims use since about Jan. 1, 1925.

Ser. No. 226,430. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM F. KIPPEN, Spokane, Wash. Filed Jan. 26, 1926.

W. F. Kippen

Trade-mark consists of a facsimile of applicant's signature.

Particular description of goods.—Antiseptic No. 1, Antiseptic No. 2, Honey Charcoal Grits, Foot Powder, Pine Liniment, and General Tonic.

Claims use since May 10, 1912.

Ser. No. 226,432. (CLASS 31. FILTERS AND REFRIGERATORS.) THE LAMSON COMPANY, Eastwood, N. Y. Filed Jan. 26, 1926.



Particular description of goods.—Refrigerating Apparatus.

Claims use since Nov. 1, 1925.

Ser. No. 226,440. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) S. S. PIERCE CO., Boston, Mass. Filed Jan. 26, 1926.



The drawing is lined to indicate the color yellow. No claim is made to the words "Lionceau Paris" except as associated with the rest of mark.

Particular description of goods.—Perfumes, Toilet Water, Face Powder, Talcum Powder, Bath Powder, and Bath Salts.

Claims use since July 28, 1925.

Ser. No. 226,447. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SOCIETE LA FRANCE TOILET GOODS CO., INC., New York, N. Y. Filed Jan. 26, 1926.

SPRINGTIME

Particular description of goods.—Perfumes, Toilet Waters, Hair Tonics; Pomades—Namely, Hairdressing and Lip Cold Cream; Bath Salts, Talcum, Face Powder, Rouges, and Lip Sticks.

Claims use since Jan. 6, 1926.

Ser. No. 226,455. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) VAN CAMP HARDWARE & IRON COMPANY, doing business as The Van Camp Company, Indianapolis, Ind. Filed Jan. 26, 1926.

RA-O-LAC

Particular description of goods.—Lacquers.

Claims use since Jan. 1, 1926.

Ser. No. 226,480. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) ENGLAND-WALTON COMPANY, Boston, Mass. Filed Jan. 27, 1926.

EW

Particular description of goods.—Sole Leather.

Claims use since July 1, 1925.

Ser. No. 226,484. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HANLY PRODUCTS CO. INC., Chicago, Ill. Filed Jan. 27, 1926.

"47"
PEELING-CREAM

The descriptive words "Peeling Cream" are disclaimed apart from the other features of the mark.

Particular description of goods.—Peeling Cream.

Claims use since Oct. 19, 1925.

Ser. No. 226,522. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) H. C. WHITE COMPANY, North Bennington, Vt. Filed Jan. 27, 1926.

KIDDIE-TENDER

The mark is composed of red letters each with a black margin.

Particular description of goods.—Baby Walkers.

Claims use since June 12, 1925.

Ser. No. 226,523. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) H. C. WHITE COMPANY, North Bennington, Vt. Filed Jan. 27, 1926.

KIDDIE-KAR-KID

Particular description of goods.—Pull Toy Consisting of a Doll Upon a Miniature Child's Vehicle.

Claims use since Feb. 15, 1925.

Ser. No. 226,529. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SAMUEL ALTSHULER, San Francisco, Calif. Filed Jan. 28, 1926.



Particular description of goods.—Candy Known as Honey Nougat.

Claims use since on or about Dec. 1, 1924.

Ser. No. 226,539. (CLASS 39. CLOTHING.) CENTRAL SHOE COMPANY, St. Louis, Mo. Filed Jan. 28, 1926.

SMART STOUTS

Particular description of goods.—Shoes Made of Leather, Cloth, Canvas, or Combinations Thereof.

Claims use since Jan. 13, 1926.

Ser. No. 226,567. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) SOCIETE MAUNOURY & CIE., Paris, France. Filed Jan. 28, 1926.

TAÏ-HOU

Particular description of goods.—Game of Chinese Domino.

Claims use since Oct. 1, 1925.

Ser. No. 226,577. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) UNITED STATES WHIP COMPANY, doing business as U. S. Line Company, Westfield, Mass. Filed Jan. 28, 1926.



Particular description of goods.—Fishing Lines.

Claims use since Aug. 1, 1923.

Ser. No. 226,617. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE ADLER UNDERWEAR & HOSIERY MFG. CO., Cincinnati, Ohio. Filed Jan. 30, 1926.

Nubrite

Particular description of goods.—Knitted Cloth—Namely, Cotton Fabric Sold as Piece Goods.

Claims use since Jan. 18, 1926.

Ser. No. 226,620. (CLASS 12. CONSTRUCTION MATERIALS.) ALABAMA CLAY PRODUCTS COMPANY, Birmingham, Ala. Filed Jan. 30, 1926.

LA DUCHESS

Particular description of goods.—Brick.

Claims use since Oct. 31, 1925.

Ser. No. 226,621. (CLASS 12. CONSTRUCTION MATERIALS.) ALABAMA CLAY PRODUCTS COMPANY, Birmingham, Ala. Filed Jan. 30, 1926.

GOLDEN GLOW

Particular description of goods.—Brick.

Claims use since April, 1923.

Ser. No. 226,633. (CLASS 45. BEVERAGES, NONALCOHOLIC.) CHOCOLATE PRODUCTS COMPANY, Chicago, Ill. Filed Jan. 30, 1926.

KAYO

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks and Sirups and Extracts for Making the Same.
Claims use since Nov. 1, 1924.

Ser. No. 226,644. (CLASS 45. BEVERAGES, NONALCOHOLIC.) ALADAR FONYO, doing business as Royal Mix Company, Chicago, Ill. Filed Jan. 30, 1926.

Royal Mix

Particular description of goods.—Nonalcoholic Maltless Beverages Sold as Soft Drinks and Extracts and Sirups for Making the Same.
Claims use since Oct. 1, 1925.

Ser. No. 226,656. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) INDIANAPOLIS FANCY GROCERY CO., Indianapolis, Ind. Filed Jan. 30, 1926.

POSY

Particular description of goods.—Canned Vegetables—Namely, Beans, Sauerkraut, Corn, Peas, Pumpkin, Tomatoes, Hominy; Canned Fruits—Namely, Apricots, Peaches, and Pineapples; Tomato Catchup; Canned Salmon, Coffee, and Canned Pork and Beans.
Claims use since Nov. 16, 1915.

Ser. No. 226,668. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LUCIDO BROTHERS GROCERY CO., Granite City, Ill. Filed Jan. 30, 1926.

EL-BE
L-B

Particular description of goods.—Canned Fruits—Namely, Sliced Pineapple, Peaches, and Fruit Salad; Canned Vegetables—Namely, Tomatoes, Peas, and Corn; Canned Preserves—Namely, Strawberry, Plum, Apricot, and Peach; Olives, Vinegar, Prepared Mustard, Tomato Catchup, and Spices.
Claims use since Sept. 9, 1924.

Ser. No. 226,670. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NATIONAL CANDY COMPANY, St. Louis, Mo. Filed Jan. 30, 1926.



The mark represents a pail with parallel stripes around the upper part thereof, the stripes being red and white, the lining indicating the color red, the representation of a pail being disclaimed.
Particular description of goods.—Candy.
Claims use since Jan. 7, 1926.

Ser. No. 226,693. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) STAR CANNING CO., Lindale, Tex. Filed Jan. 30, 1926.

MOON GLOW

Particular description of goods.—Canned Vegetables and Canned Berries.
Claims use since December, 1923.

Ser. No. 226,699. (CLASS 12. CONSTRUCTION MATERIALS.) UNION TANK & PIPE CO., Los Angeles, Calif. Filed Jan. 30, 1926.



Particular description of goods.—Construction Materials—Namely, Girders, Beams, Tanks, Metal Drums, Towers, Culverts, Conduits, Sewer Pipes, Mains, and Oil-Well Casing.
Claims use since 1921.

Ser. No. 226,712. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WAH K. CHANG, Chicago, Ill. Filed Feb. 1, 1926.

ORIENTAL REMEDY
TRADE MARK

No claim is made to the words "Remedy" and "Trade Mark" apart from the mark as shown.
Particular description of goods.—Medicine for Use in Treating Rheumatism, Kidney and Stomach Ailments; Painful, Stiff, and Swollen Joints; Backaches, Nerve Shrinking, Indigestion, Constipation, Gastritis, Poor Appetite, Tiredness, and Headaches.
Claims use since Jan. 14, 1924.

Ser. No. 226,741. (CLASS 39. CLOTHING.) M. SAMUELS & CO., Inc., Baltimore, Md. Filed Feb. 1, 1926.



The trade-mark "Janice Meredith" is the title of a novel and not the name of any individual.
Particular description of goods.—Hosiery.
Claims use since Dec. 15, 1925.

Ser. No. 226,744. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ISIDOR L. SOMMER, doing business as Lon Jouré Parfumeurs, Brooklyn, N. Y. Filed Feb. 1, 1926.

Lon Jouré

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Lip Sticks, Eyebrow Pencils, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Foot Powders, Bath Salts, Smelling Salts, Incenses, Talcum Powders, and Sachet.
Claims use since Jan. 16, 1926.

Ser. No. 226,746. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) UNITED RADIO & ELECTRIC CORPORATION, Newark, N. J. Filed Feb. 1, 1926.

GOLDENTONE

Particular description of goods.—Radio Vacuum Tubes.
Claims use since July 2, 1925.

Ser. No. 226,747. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) UNITED RADIO & ELECTRIC CORPORATION, Newark, N. J. Filed Feb. 1, 1926.

HY-VAC

Particular description of goods.—Radio Vacuum Tubes.
Claims use since Jan. 10, 1925.

Ser. No. 226,748. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) UNITED RADIO & ELECTRIC CORPORATION, Newark, N. J. Filed Feb. 1, 1926.

URECO

Particular description of goods.—Radio Vacuum Tubes.
Claims use since June 30, 1924.

Ser. No. 226,784. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) PENN LEATHER COMPANY, Philadelphia, Pa. Filed Feb. 2, 1926.

PENN PRINCE

Particular description of goods.—Hides, Skins, Leather, Leather Strips, Leather Blocks, Leather Bends, and Leather Blanks.
Claims use since Nov. 23, 1925.

Ser. No. 226,838. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) VICTOR BALATA & TEXTILE BELTING CO., New York, N. Y. Filed Feb. 3, 1926.

PETROL

Particular description of goods.—Belt Knives and Belt Punches.
Claims use since July 1, 1925.

Ser. No. 226,849. (CLASS 39. CLOTHING.) ENDICOTT JOHNSON CORPORATION, Endicott, N. Y. Filed Feb. 4, 1926.

Main Street

Particular description of goods.—Leather and Rubber Shoes.
Claims use since Dec. 28, 1925.

Ser. No. 226,854. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MAX M. GUGGENHEIM, doing business as Three Feathers Malt Extract Co., Cincinnati, Ohio. Filed Feb. 4, 1926.

THREE FEATHERS



Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since Jan. 3, 1926.

Ser. No. 226,861. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) PENN LEATHER COMPANY, Philadelphia, Pa. Filed Feb. 4, 1926.

ECONOMY

Particular description of goods.—Hides, Skins, Leather, Leather Strips, Leather Blocks, Leather Bends, and Leather Blanks.
Claims use since Jan. 1, 1926.

Ser. No. 226,864. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE POWHATAN MINING COMPANY, Cleveland, Ohio. Filed Feb. 4, 1926.



Particular description of goods.—Coal, Carbonized Fuel, and Coke.
Claims use since Jan. 30, 1926.

Ser. No. 226,876. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BELGIAN TRADING COMPANY, INC., New York, N. Y. Filed Feb. 5, 1926.

VANYLETONE

Trade-mark consists of the word "Vanyletone."
Particular description of goods.—Vanilla Extracts and Vanilla Compounds.
Claims use since Jan. 15, 1926.

Ser. No. 226,897. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) GRUEBY FAIENCE AND TILE COMPANY, Boston, Mass., and Philadelphia, Pa. Filed Feb. 5, 1926.



Particular description of goods.—Faience.
Claims use since early part of 1921.

Ser. No. 226,898. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) GRUEBY FAIENCE AND TILE COMPANY, Boston, Mass., and Philadelphia, Pa. Filed Feb. 5, 1926.

HAUTEVILLE

Particular description of goods.—Faience.
Claims use since 1913.

Ser. No. 226,899. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KENNETT HARRIS, Jr., doing business as The Frostum Co., New York, N. Y. Filed Feb. 5, 1926.

FROST UM!

Particular description of goods.—Prepared Cake Frosting or Cake Icing.
Claims use since Sept. 1, 1925.

Ser. No. 226,915. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed Feb. 5, 1926.

CREAM SUDS

Particular description of goods.—Soap.
Claims use since July 1, 1906.

Ser. No. 226,926. (CLASS 2. RECEPTACLES.) H. P. ULICH & Co., New York, N. Y. Filed Feb. 5, 1926.



Particular description of goods.—Necktie Boxes and Display Cards.
Claims use since Feb. 1, 1926.

Ser. No. 226,929. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) VICTOR X-RAY CORPORATION, Chicago, Ill. Filed Feb. 5, 1926.

CDX

Particular description of goods.—X-Ray Tubes, X-Ray Equipment, and X-Ray Oil-Immersed Apparatus.
Claims use since about July 1, 1922.

Ser. No. 226,948. (CLASS 38. PRINTS AND PUBLICATIONS.) THE DAYTON FAN AND MOTOR COMPANY, Dayton, Ohio. Filed Feb. 6, 1926.

Air Telephone Directory

Particular description of goods.—Radio Publication Issued Monthly.
Claims use since Mar. 17, 1925.

Ser. No. 226,959. (CLASS 37. PAPER AND STATIONERY.) EVERETT W. HOCHE, doing business as Improved Form & Record Co., New York, N. Y. Filed Feb. 6, 1926.

IFR

Particular description of goods.—Desk Rack and Document File.
Claims use since Jan. 29, 1926.

Ser. No. 227,053. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) AMERICAN CYANAMID COMPANY, New York, N. Y. Filed Feb. 9, 1926.

AEROIDS

Particular description of goods.—Cyanides.
Claims use since Nov. 14, 1925.

Ser. No. 227,072. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LYMAN D. HALL, New York, N. Y. Filed Feb. 9, 1926.

LIFE-PRESERVERS

Particular description of goods.—Laxative Candy.
Claims use since Feb. 3, 1926.

Ser. No. 227,121. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE INDIA TIRE AND RUBBER COMPANY, Mogadore and Akron, Ohio. Filed Feb. 10, 1926.

TRUE BLUE

Particular description of goods.—Inner Tubes of Rubber for Pneumatic Tires.
Claims use since Aug. 19, 1925.

Ser. No. 227,142. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SOCIETE ANONYME DES ETABLISSEMENTS ANTOINE CHIRIS, COMPAGNIE DES PRODUITS AROMATIQUES, CHIMIQUES ET MEDICINAUX, Paris, France. Filed Feb. 10, 1926.



Particular description of goods.—Essential Oils for the Production of Perfumes and Flavoring Materials and for Industrial and Technical Use.
Claims use since 1914.

Ser. No. 227,195. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NATHAN MILGRAM, doing business as Malt Products Company, Kansas City, Mo. Filed Feb. 11, 1926.



Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since July 1, 1925.

Ser. No. 227,196. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WILLIAM MOORE, Kansas City, Mo. Filed Feb. 11, 1926.



The mark is a facsimile of applicant's portrait.
Particular description of goods.—Preparation for Use in the Treatment of the Scalp and to Promote the Growth of the Hair.
Claims use since November, 1924.

Ser. No. 227,200. (CLASS 15. OILS AND GREASES.) STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Filed Feb. 11, 1926.



Particular description of goods.—Refined, Semirefined, and Unrefined Oils Made from Petroleum, Both With and Without Admixture of Animal, Vegetable, or Mineral Substances, for Illuminating, Burning, Power, Solvent, Fuel, and Lubricating Purposes, and Lubricating Greases.
Claims use since Dec. 7, 1925.

Ser. No. 227,211. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ABRAM E. WITT, doing business as Pulv-Ora Co., New York, N. Y. Filed Feb. 11, 1926.

PULV-ORA

Particular description of goods.—Antiseptic and Analgesic Dry Dressing.
Claims use since January, 1924.

Ser. No. 227,213. (CLASS 39. CLOTHING.) AMERICAN WORK CLOTHES, INC., Little Rock, Ark. Filed Feb. 12, 1926.



Particular description of goods.—Men's Overalls, Pants, and Work Shirts.
Claims use since Apr. 1, 1925.

Ser. No. 227,224. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) EDWARDS & ROUDEN, INC., New York, N. Y. Filed Feb. 12, 1926.

ERCO

Particular description of goods.—Web Catheters, Record Syringes, Jena Glass Syringes, Hot-Water Bottles, Ice Caps, Invalid Rings, Enema Bulbs, and Kelly Pads made of Durit Rubber; and Noncorrosive Steel Needles (Hypodermic), and Rubber Catheters, Colon Tubes, Rectal Tubes, and Stomach Tubes.
Claims use since about Jan. 1, 1923.

Ser. No. 227,239. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) M. LOWENSTEIN & SONS INC., New York, N. Y. Filed Feb. 12, 1926.

KIT-KAT

The drawing consists of the word "Kit-Kat."
Particular description of goods.—Cotton Piece Goods.
Claims use since Jan. 11, 1926.

Ser. No. 227,251. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GEORGE WASHINGTON STREET, doing business as Gar Specialty Co., Detroit, Mich. Filed Feb. 12, 1926.

GASTANS

Particular description of goods.—Preparation for the Treatment of Gas on the Stomach and Dyspepsia Relief.
Claims use since Sept. 1, 1925.

Ser. No. 227,295. (CLASS 37. PAPER AND STATIONERY.) BUSHNELL-DAHLQUIST PRESS, INC., Minneapolis, Minn. Filed Feb. 15, 1926.



Particular description of goods.—Blank Books, Blank Labels, Blank Post Cards, Booklet Covers, Catalogue Cards, Correspondence Cards, Printed or Monogrammed Correspondence Cards, Desk Calendars, Folder Covers, Letterheads, Billheads, Stationery, Printed Stationery, Monogramed or Initialed Stationery, Price Tags, Tally Cards.
Claims use since July 22, 1925.

Ser. No. 227,296. (CLASS 39. CLOTHING.) SIDNEY COHEN, New York, N. Y. Filed Feb. 15, 1926.

SLENDA-LONGS

Particular description of goods.—Ladies', Misses', and Juniors' Coats and Suits.
Claims use since Jan. 1, 1926.

Ser. No. 227,308. (CLASS 37. PAPER AND STATIONERY.) THE HENLE WAX PAPER MFG. CO. INC., New York, N. Y. Filed Feb. 15, 1926.

PARA-PARCH

Particular description of goods.—Paraffin-Treated Parchment Bond Paper.
Claims use since Jan. 1, 1916.

Ser. No. 227,423. (CLASS 39. CLOTHING.) SAMSTAG & HILDER BROS., INC., New York, N. Y. Filed Feb. 17, 1926.

VASSAR

Particular description of goods.—Sanitary Aprons.
Claims use since about July, 1925.

Ser. No. 227,514. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GOLDENRIPE FRUITS INC., San Francisco, Calif. Filed Feb. 19, 1926.

Cellowrapt

Particular description of goods.—Dried Fruits.
Claims use since Sept. 17, 1925.

Ser. No. 227,527. (CLASS 39. CLOTHING.) ARTHUR MINCER, New York, N. Y. Filed Feb. 19, 1926.

Fanchon

Particular description of goods.—Ladies', Misses', and Juniors' Coats and Dresses.
Claims use since Jan. 2, 1926.

Ser. No. 227,569. (CLASS 39. CLOTHING.) DAVENPORT HOSIERY MILLS, Chattanooga, Tenn. Filed Feb. 20, 1926.



BLUE CRANE

Particular description of goods.—Hosiery.
Claims use since about July 1, 1923.

Ser. No. 227,597. (CLASS 37. PAPER AND STATIONERY.) PAR VELL LABORATORIES, Columbus, Ohio. Filed Feb. 20, 1926.

"PARVELL"

Particular description of goods.—Drawing Paper, Tracing Paper, Vellum Paper, and Parchment Paper.
Claims use since July 1, 1921.

Ser. No. 227,618. (CLASS 39. CLOTHING.) CHARLES W. WOLFE, New York, N. Y. Filed Feb. 20, 1926.

BANKERGREYS

Particular description of goods.—Men's Coats and Suits.
Claims use since Jan. 15, 1926.

Ser. No. 227,633. (CLASS 15. OILS AND GREASES.) CORRECT MOTOR FUELS, INC., Alton, Ill. Filed Feb. 23, 1926.

SILVER SPRAY

Particular description of goods.—Gasoline, Kerosene, Lubricating Oils and Greases.
Claims use since Sept. 4, 1923.

Ser. No. 227,699. (CLASS 37. PAPER AND STATIONERY.) UNIVERSAL CREPE & TISSUE MILLS, INC., New York, N. Y. Filed Feb. 23, 1926.

Soisette

Particular description of goods.—Toilet Paper.
Claims use since Jan. 2, 1926.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

MARCH 30, 1926.

210,903. FRESH GRAPES. F. W. BREWSTER, Bakersfield, Calif.
Filed October 30, 1925. Serial No. 222,557. PUBLISHED JANUARY 12, 1926.

210,904. COMBINATION OF LINEN AND ARTIFICIAL-SILK GOODS IN THE PIECE. LINRAYN CORPORATION, New York, N. Y.
Filed November 14, 1925. Serial No. 223,309. PUBLISHED JANUARY 12, 1926.

210,905. LADIES', MISSES', AND CHILDREN'S SUITS CONSISTING OF SKIRTS AND JACKETS; COATS, WAISTS, DRESSES, AND SKIRTS. JOSEPH ECKSTEIN, INC., New York, N. Y.
Filed October 9, 1925. Serial No. 221,728. PUBLISHED JANUARY 12, 1926.

210,906. COFFEE, TEA, AND SPICES. THE WOOLSON SPICE COMPANY, Toledo, Ohio.
Filed October 15, 1925. Serial No. 221,794. PUBLISHED JANUARY 5, 1926.

210,907. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,446. PUBLISHED JANUARY 12, 1926.

210,908. RAW MILK, PASTEURIZED MILK, HOLSTEIN NURSERY MILK (RAW), ACIDOPHILUS MILK, BUTTERMILK, PASTEURIZED CREAM, WHIPPING CREAM, CHEESE, AND EGGS. WISE BROTHERS, Washington, D. C.
Filed October 12, 1925. Serial No. 221,653. PUBLISHED DECEMBER 29, 1925.

210,909. TOBACCO POUCHES. NOEL STATHAM, New York, N. Y.
Filed October 14, 1925. Serial No. 221,722. PUBLISHED JANUARY 12, 1926.

210,910. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,444. PUBLISHED JANUARY 12, 1926.

210,911. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,445. PUBLISHED JANUARY 12, 1926.

210,912. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,442. PUBLISHED JANUARY 12, 1926.

210,913. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,443. PUBLISHED JANUARY 12, 1926.

210,914. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,435. PUBLISHED JANUARY 12, 1926.

210,915. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,434. PUBLISHED JANUARY 12, 1926.

210,916. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,437. PUBLISHED JANUARY 12, 1926.

210,917. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,436. PUBLISHED JANUARY 12, 1926.

210,918. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,440. PUBLISHED JANUARY 12, 1926.

210,919. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,439. PUBLISHED JANUARY 12, 1926.

210,920. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,438. PUBLISHED JANUARY 12, 1926.

210,921. COFFEE. THE OHIO VALLEY COFFEE CO., Portsmouth, Ohio.
Filed September 29, 1925. Serial No. 220,971. PUBLISHED JANUARY 12, 1926.

210,922. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,441. PUBLISHED JANUARY 12, 1926.

210,923. COFFEE. FRANK J. GUYOL, also doing business as Coro Coffee Company, St. Louis, Mo.
Filed October 2, 1925. Serial No. 221,114. PUBLISHED JANUARY 12, 1926.

210,924. EVAPORATED MIXTURE OF COCOA, MILK, AND SUGAR. LOU C. NISSLE, New York, N. Y.
Filed September 30, 1925. Serial No. 221,024. PUBLISHED JANUARY 5, 1926.

210,925. EDIBLE PASTRY CONTAINERS FOR ICE CREAM, SHERBET, MARSHMALLOW, CRUSHED FRUIT, AND OTHER SIMILAR FOODS. JAMES DENARO, doing business as Automatic Cone Co., Cambridge, Mass.
Filed September 30, 1925. Serial No. 221,000. PUBLISHED DECEMBER 15, 1925.

210,926. MEDICINE FOR USE IN THE TREATMENT OF INDIGESTION, CONSTIPATION, AND SKIN DISEASES AND FOR RENEWING AND STRENGTHENING THE BLOOD, REPAIRING AND CLEANSING THE SYSTEM, RESTORING APPETITE AND ENERGY. BLUD LIFE COMPANY, INC., Atlanta, Ga.
Filed October 19, 1925. Serial No. 221,942. PUBLISHED DECEMBER 29, 1925.

210,927. GLASSWARE. SOCIÉTÉ ANONYME DES VERRERIES LORRAINES, Sarrebourg, France.
Filed December 1, 1925. Serial No. 224,163. PUBLISHED JANUARY 12, 1926.

210,928. GLASSWARE. SOCIÉTÉ ANONYME DES VERRERIES LORRAINES, Sarrebourg, France.
Filed December 1, 1925. Serial No. 224,162. PUBLISHED JANUARY 12, 1926.

210,929. GLASSWARE. SOCIÉTÉ ANONYME DES VERRERIES LORRAINES, Sarrebourg, France.
Filed December 1, 1925. Serial No. 224,161. PUBLISHED JANUARY 12, 1926.

210,930. KNITTED AND TEXTILE UNDERWEAR, LINGERIE, DRESSES, AND SUITS MADE OF SILK, WOOL, COTTON, AND ARTIFICIAL SILK FOR WOMEN. WYANT WAY INC., New York, N. Y.
Filed October 16, 1925. Serial No. 221,865. PUBLISHED JANUARY 5, 1926.

210,931. WOMEN'S AND MISSES' DRESSES, SKIRTS, WAISTS, MIDDIES, HOUSE DRESSES, APRONS, BATH ROBES, KNICKERS, AND LUMBER JACKS; CHILDREN'S DRESSES, WOMEN'S AND CHILDREN'S TRIMMED AND UNTRIMMED HATS. CHICAGO MAIL ORDER COMPANY, Chicago, Ill.
Filed October 17, 1925. Serial No. 221,878. PUBLISHED JANUARY 5, 1926.

210,932. CERTAIN NAMED FOOD PRODUCTS. CHARLES HEWITT & SONS COMPANY, Des Moines, Iowa.
Filed October 5, 1925. Serial No. 221,256. PUBLISHED JANUARY 5, 1926.

210,933. LOTION FOR THE TREATMENT OF PILES. M. & H. HOFFMAN, Manchester, Md.
Filed October 6, 1925. Serial No. 221,318. PUBLISHED JANUARY 12, 1926.

210,934. UMBRELLAS WITH CASES THEREFOR. POLAN, KATZ & COMPANY, Baltimore, Md.
Filed October 7, 1925. Serial No. 221,375. PUBLISHED JANUARY 5, 1926.

210,935. JAMS, JELLIES, TABLE SIRUPS AND HONEY, AND FRUIT PRESERVES. BLISS SYRUP REFINING CO., Kansas City, Mo.
Filed August 25, 1925. Serial No. 219,322. PUBLISHED JANUARY 5, 1926.

210,936. PERFUMES, TOILET WATERS, BATH SALTS, BRILLIANTINES, LIP ROUGES, SMELLING SALTS, LIQUID ROUGES, LIQUID POWDERS, COLD CREAMS, VANSHING CREAMS, SACHETS, FACE POWDERS, TALCUMS, ROUGES, HAND LOTIONS, COMPACTS, FACE LOTIONS, HAIR-DRESSINGS, TAR SHAMPOO, LIQUID EGG SHAMPOOS, HAIR TONICS, NAIL POLISHES, DEODORIZING PREPARATIONS, AND DENTIFRICES. CHARLES J. KALLILE, doing business as C. J. Kallile Perfume Co., and Victory Barber Supply Co., Toledo, Ohio.
Filed October 28, 1925. Serial No. 222,464. PUBLISHED JANUARY 5, 1926.

210,937. LADIES' BLOOMERS. MEYER MAYERS, INC., New York, N. Y.
Filed December 3, 1925. Serial No. 224,198. PUBLISHED JANUARY 12, 1926.

210,938. DRESSES MADE OF SILK, SILK AND COTTON MIXTURE, AND COTTON. KNICKERBOCKER DRESSES INC., New York, N. Y.
Filed November 24, 1925. Serial No. 223,790. PUBLISHED JANUARY 12, 1926.

210,939. TEXTILE ARTICLES—NAMELY, HOSIERY. BEAR BRAND HOSIERY CO., Chicago, Ill.
Filed November 24, 1925. Serial No. 223,762. PUBLISHED JANUARY 12, 1926.

210,940. MEN'S, WOMEN'S, AND CHILDREN'S HOSIERY. SMITH, KIRKPATRICK & CO., INC., New York, N. Y.
Filed November 23, 1925. Serial No. 223,746. PUBLISHED JANUARY 5, 1926.

210,941. MEN'S, WOMEN'S, AND CHILDREN'S UNDERWEAR MADE OF WOVEN AND KNITTED MATERIALS. PANELON UNDERWEAR COMPANY, INC., Hamilton, Ohio.
Filed November 23, 1925. Serial No. 223,739. PUBLISHED JANUARY 5, 1926.

210,942. HOSIERY. UNFRIED BARKHORN CO., Newark, N. J.
Filed November 24, 1925. Serial No. 223,826. PUBLISHED JANUARY 12, 1926.

210,943. MEN'S AND YOUNG MEN'S SUITS, TOPCOATS, AND OVERCOATS. SHERMAN BROS., New York, N. Y.
Filed November 24, 1925. Serial No. 223,808. PUBLISHED JANUARY 12, 1926.

210,944. LIQUID FOR TREATING THE HAIR, TOILET WATERS, HAIR-COLOR RESTORERS, HAIR RENEWERS, HAIR DYES, HAIR-SHAMPOO PREPARATIONS, AND PERFUMES. PAUL WESTPHAL, New York, N. Y.
Filed November 14, 1925. Serial No. 223,349. PUBLISHED JANUARY 5, 1926.

210,945. LIQUID OINTMENT FOR INFLAMMATIONS, CONGESTION OF THE RESPIRATORY ORGANS, AND FOR GENERAL HEALING PURPOSES. JOSEPH F. KOTRICH, doing business as Healthfinder Chemical Co., Chicago, Ill.
Filed October 29, 1925. Serial No. 222,510. PUBLISHED JANUARY 5, 1926.

210,946. MEN'S AND YOUNG MEN'S SUITS AND OVERCOATS, INCLUDING GOLF SUITS, TUXEDO AND FULL-DRESS SUITS, TOPCOATS, AND PARTS OF SUITS—VIZ, COATS, VESTS, AND TROUSERS. OPPENHEIMER & GROSS, Philadelphia, Pa.
Filed November 6, 1925. Serial No. 222,939. PUBLISHED JANUARY 5, 1926.

210,947. CANDY. AMERICAN CARAMEL COMPANY, York, Pa.
Filed November 9, 1925. Serial No. 223,014. PUBLISHED JANUARY 12, 1926.

210,948. TEXTILE RUGS. MONMOUTH RUG MILLS INC., Englishtown, N. J.
Filed November 9, 1925. Serial No. 223,047. PUBLISHED JANUARY 12, 1926.

210,949. FRESH ORANGES AND GRAPEFRUIT. MILNE-O'BERRY PACKING CO., St. Petersburg, Fla.
Filed November 10, 1925. Serial No. 223,099. PUBLISHED JANUARY 12, 1926.

210,950. A MEDICINE FOR THE TREATMENT OF SYPHILIS, BLOOD AND SKIN DISEASES, AND KIDNEY TROUBLE. JAMES O. PEAVY, Selma, La.
Filed November 10, 1925. Serial No. 223,102. PUBLISHED JANUARY 12, 1926.

210,951. ACID MATERIAL TO BE USED IN MAKING CHEMICAL LEAVENING AGENTS. CALUMET BAKING POWDER CO., Chicago, Ill.
Filed November 13, 1925. Serial No. 223,212. PUBLISHED JANUARY 12, 1926.

210,952. MEN'S COATS, VESTS, TROUSERS, AND OVERCOATS. S. H. KESSLER & SONS, INC., New York, N. Y.
Filed November 11, 1925. Serial No. 223,121. PUBLISHED JANUARY 12, 1926.

210,953. YARNS AND SEWING THREADS. GREAT LAKES THREAD AND YARN CO., Detroit, Mich.
Filed November 12, 1925. Serial No. 223,168. PUBLISHED JANUARY 12, 1926.

210,954. CERTAIN PIECE GOODS. JACOB MILLER'S SONS CO., Philadelphia, Pa.
Filed November 13, 1925. Serial No. 223,248. PUBLISHED JANUARY 12, 1926.

210,955. MEDICATED CHEWING GUM. GENEVA CHEMICAL CORPORATION, New York, N. Y.
Filed November 14, 1925. Serial No. 223,295. PUBLISHED JANUARY 12, 1926.

210,956. MEDICINAL PREPARATION FOR USE AS A COUGH SEDATIVE AND EXPECTORANT. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y.
Filed November 13, 1925. Serial No. 223,266. PUBLISHED JANUARY 5, 1926.

210,957. MEN'S SUITS, INCLUDING COATS, VESTS, AND TROUSERS, AND MEN'S OVERCOATS. THE HUB, doing business as Hecht Company and Hecht Brothers, Baltimore, Md.; Washington, D. C.; and New York, N. Y.
Filed November 14, 1925. Serial No. 223,299. PUBLISHED JANUARY 5, 1926.

210,958. CANNED SALMON. ELMER W. SMITH INC., Seattle, Wash.
Filed October 3, 1925. Serial No. 221,212. PUBLISHED JANUARY 12, 1926.

210,959. FILTER DISKS MADE OF PAPER. KIMBERLY-CLARK COMPANY, Neenah, Wis.
Filed October 22, 1925. Serial No. 222,127. PUBLISHED JANUARY 12, 1926.

210,960. MEN'S NECKTIES AND CRAVATS. VORSIMER, SUSKIND CO., INC., New York, N. Y.
Filed October 27, 1925. Serial No. 222,420. PUBLISHED JANUARY 12, 1926.

210,961. DOG MEDICINES. W. EARL SIMPSON, St. Clairsville, Ohio.
Filed October 26, 1925. Serial No. 222,346. PUBLISHED JANUARY 5, 1926.

210,962. WORK AND DRESS SHIRTS AND BLOUSES. SIGMUND STINGEL, doing business as Pittsburgh Uniform Tailoring Co., Pittsburgh, Pa.
Filed October 21, 1925. Serial No. 222,094. PUBLISHED DECEMBER 22, 1925.

210,963. MEN'S WORK SHIRTS, FLANNEL SHIRTS, LUMBERJACK SHIRTS, SUITS, PANTS, NORFOLK COATS, AND OVERALLS. D. M. OBERMAN MFG. CO., New York, N. Y.
Filed October 21, 1925. Serial No. 222,086. PUBLISHED JANUARY 12, 1926.

210,964. ASPARAGUS IN FRESH, DRIED, OR PRESERVED CONDITION. CLAUDE W. KRESS, doing business as Buckfield Plantation, Yemassee, S. C.
Filed October 20, 1925. Serial No. 222,037. PUBLISHED JANUARY 12, 1926.

210,965. ELECTUARY CANDY. ABRAHAM GOLDKNOPF, New York, N. Y.
Filed October 28, 1925. Serial No. 222,452. PUBLISHED JANUARY 5, 1926.

210,966. MALT SIRUP FOR COOKING PURPOSES. GEORGE GOLDSTEIN, doing business as Standard Food Products Co., and also as Sterling Supply Company, Brooklyn, N. Y.
Filed October 8, 1925. Serial No. 221,416. PUBLISHED JANUARY 5, 1926.

210,967. MEDICINAL AND PHARMACEUTICAL PRODUCTS—NAMELY, QUININE, TONIC MEDICINE, TOOTHACHE DROPS, SALVE FOR BOILS, KIDNEY MEDICINE, PURGATIVE, COUGH MEDICINE, INFANT BOWEL CORRECTIVE, EYE-DROPS, TONIC PILLS, TONIC POWDER, A PREPARATION FOR THE TREATMENT OF WORMS, A PREPARATION FOR THE TREATMENT OF COLDS, AND A PREPARATION FOR THE TREATMENT OF INFANT DYSPEPSIA. I. M. Co., doing business as Ito & Makita Co., Oakland, Calif.
Filed October 8, 1925. Serial No. 221,424. PUBLISHED JANUARY 12, 1926.

210,968. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,431. PUBLISHED JANUARY 12, 1926.

210,969. COLD-CREAM-IMPREGNATED TISSUE. THE FRESHIE CO. INC., New York, N. Y.
Filed October 31, 1925. Serial No. 222,606. PUBLISHED JANUARY 5, 1926.

210,970. FACE POWDER. THE LA SALLE COMPANY, St. Paul, Minn.
Filed October 31, 1925. Serial No. 222,618. PUBLISHED JANUARY 5, 1926.

210,971. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,432. PUBLISHED JANUARY 12, 1926.

210,972. ARTIFICIAL AND SYNTHETICAL PERFUMES AND ESSENTIAL OILS FOR THE PRODUCTION OF PERFUMES. M. NAEF & CIE., Geneva, Switzerland.
Filed October 8, 1925. Serial No. 221,433. PUBLISHED JANUARY 12, 1926.

210,973. SALVE FOR THE TREATMENT OF CERTAIN SKIN DISEASES, BURNS, SCALDS, OLD SORES, BOILS, PIMPLES, PILES, SUNBURNS, CUTS, AND ITCHINGS. ALBON F. HERCHELROTH, doing business as Sol-V-Ta Laboratory, Detroit, Mich.
Filed October 31, 1925. Serial No. 222,614. PUBLISHED JANUARY 5, 1926.

210,974. MEDICINAL PREPARATION FOR THE TREATMENT OF COUGHS, COLDS, CATARRH, ASTHMA, AND OTHER AFFLICTIONS OF THE RESPIRATORY ORGANS. CHARLES KARKLE, Trenton, N. J.
Filed December 1, 1925. Serial No. 224,141. PUBLISHED JANUARY 5, 1926.

210,975. OVERALLS, JUMPERS, PANTS, WORK SHIRTS, AND DRESS SHIRTS. HAIL DRY GOODS CO., Batesville, Ark.
Filed December 2, 1925. Serial No. 224,089. PUBLISHED JANUARY 12, 1926.

210,976. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. PIRU CITRUS ASSOCIATION, Piru, Calif.
Filed November 30, 1925. Serial No. 224,044. PUBLISHED JANUARY 12, 1926.

210,977. COATS, VESTS, PANTALOONS, OVERCOATS, AND SUITS FOR MEN AND BOYS. PERRY & COMPANY, Philadelphia, Pa.
Filed November 30, 1925. Serial No. 224,042. PUBLISHED JANUARY 12, 1926.

210,978. CANNED PEAS AND BEANS. GILLETT CANNING COMPANY, Gillett, Wis.
Filed November 30, 1925. Serial No. 224,013. PUBLISHED JANUARY 12, 1926.

210,979. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. FILLMORE CITRUS ASSOCIATION, Fillmore, Calif.
Filed November 30, 1925. Serial No. 224,007. PUBLISHED JANUARY 12, 1926.

210,980. PREPARATION FOR THE TREATMENT OF CATARRH AND AILMENTS OF THE RESPIRATORY ORGANS. WILLIAM SCHLERETH, Baltimore, Md., also doing business as Catar-Go Chem. Co., Brooklyn, N. Y.
Filed November 28, 1925. Serial No. 223,974. PUBLISHED JANUARY 5, 1926.

210,981. MEN'S HOSIERY. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y.
Filed November 28, 1925. Serial No. 223,952. PUBLISHED JANUARY 12, 1926.

210,982. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. FILLMORE CITRUS ASSOCIATION, Fillmore, Calif.
Filed November 30, 1925. Serial No. 224,006. PUBLISHED JANUARY 12, 1926.

210,983. CANDY. KISSE BROTHERS COMPANY, Springfield, Mass.
Filed September 21, 1925. Serial No. 220,541. PUBLISHED JANUARY 12, 1926.

210,984. CANDY BARS. SHOTWELL MFG. CO., Chicago, Ill.
Filed September 19, 1925. Serial No. 220,480. PUBLISHED JANUARY 12, 1926.

210,985. CANNED VEGETABLES—NAMELY, STRINGLESS BEANS, BEANS, CORN, AND PEAS. ANTIGO CANNING COMPANY, Antigo, Wis.
Filed September 16, 1925. Serial No. 220,271. PUBLISHED JANUARY 12, 1926.

210,986. CITROUS FRUITS—NAMELY, ORANGES, GRAPEFRUIT, TANGERINES, AND TANGERINES OF THE VARIETY KNOWN AS KINGS, IN THEIR NATURAL STATE. ARCADIA CITRUS GROWERS ASSOCIATION, Arcadia, Fla.
Filed September 11, 1925. Serial No. 220,104. PUBLISHED JANUARY 12, 1926.

210,987. COSMETICS—NAMELY, PASTES, TOILET POWDER, TOILET PREPARATIONS FOR BEAUTIFYING AND PRESERVING THE SKIN, TEETH, AND HAIR; PERFUMERY, AND ADDITIONS TO WATER FOR BATHS. "PROKA" PARFÜMERIE- UND SEIFENFABRIK A. G., Vienna, Austria.
Filed September 9, 1925. Serial No. 220,037. PUBLISHED JANUARY 5, 1926.

210,988. FORMULA CONTAINING PEPSIN AND OTHER MEDICINES DESIGNED TO ACT AS AN ANTACID AND DIGESTANT FOR THE STOMACH. ERNI M. MORTON, doing business as Morton Drug Co., Centertown, Ky.
Filed September 8, 1925. Serial No. 219,979. PUBLISHED JANUARY 5, 1926.

210,989. CITROUS FRUITS—NAMELY, ORANGES, GRAPEFRUIT, TANGERINES, AND TANGERINES OF THE VARIETY KNOWN AS KINGS IN THEIR NATURAL STATE. ARCADIA CITRUS GROWERS ASSOCIATION, Arcadia, Fla.
Filed September 8, 1925. Serial No. 219,930. PUBLISHED JANUARY 12, 1926.

210,990. SUGAR-COATED PEANUTS. NICHOLAS P. DAMIANAKES, doing business as California Peanut Co., Oakland, Calif.
Filed August 29, 1925. Serial No. 219,530. PUBLISHED JANUARY 12, 1926.

210,991. TOFFEE, GINGER NUTS, AND CHOCOLATES. JOHN FARRAH & HARROGATE TOFFEE, LIMITED, Harrogate, England.
Filed August 19, 1925. Serial No. 219,067. PUBLISHED JANUARY 12, 1926.

210,992. TOFFEE. JOHN FARRAH & HARROGATE TOFFEE, LIMITED, Harrogate, England.
Filed August 19, 1925. Serial No. 219,066. PUBLISHED JANUARY 12, 1926.

210,993. PREPARATION FOR ACUTE, RELAXED, AND DISTURBED CONDITIONS OF THE STOMACH AND BOWELS. DR. PETER FAHRNEY & SONS CO., Chicago, Ill.
Filed August 15, 1925. Serial No. 218,909. PUBLISHED JANUARY 5, 1926.

210,994. PREPARATION FOR ACUTE, RELAXED, AND DISTURBED CONDITIONS OF THE STOMACH AND BOWELS. DR. PETER FAHRNEY & SONS CO., Chicago, Ill.
Filed August 15, 1925. Serial No. 218,908. PUBLISHED JANUARY 5, 1926.

210,995. PREPARATION FOR ACUTE, RELAXED, AND DISTURBED CONDITIONS OF THE STOMACH AND BOWELS. DR. PETER FAHRNEY & SONS CO., Chicago, Ill.
Filed August 15, 1925. Serial No. 218,907. PUBLISHED JANUARY 5, 1926.

210,996. PREPARATION FOR ACUTE, RELAXED, AND DISTURBED CONDITIONS OF THE STOMACH AND BOWELS. DR. PETER FAHRNEY & SONS CO., Chicago, Ill.
Filed August 15, 1925. Serial No. 218,906. PUBLISHED JANUARY 5, 1926.

210,997. PREPARATION FOR ACUTE, RELAXED, AND DISTURBED CONDITIONS OF THE STOMACH AND BOWELS. DR. PETER FAHRNEY & SONS CO., Chicago, Ill.
Filed August 15, 1925. Serial No. 218,905. PUBLISHED JANUARY 5, 1926.

210,998. PREPARATION FOR ACUTE, RELAXED, AND DISTURBED CONDITIONS OF THE STOMACH AND BOWELS. DR. PETER FAHRNEY & SONS CO., Chicago, Ill.
Filed August 15, 1925. Serial No. 218,904. PUBLISHED JANUARY 5, 1926.

210,999. PREPARATION FOR ACUTE, RELAXED, AND DISTURBED CONDITIONS OF THE STOMACH AND BOWELS. DR. PETER FAHRNEY & SONS CO., Chicago, Ill.
Filed August 15, 1925. Serial No. 218,902. PUBLISHED JANUARY 5, 1926.

211,000. OVERALLS AND WORK PANTS. A. BRUNS SONS & CO., INC., Brooklyn, N. Y.
Filed November 23, 1925. Serial No. 223,683. PUBLISHED JANUARY 5, 1926.

211,001. FLUXES FOR SOLDERING METALS. ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany.
Filed November 23, 1925. Serial No. 223,676. PUBLISHED JANUARY 5, 1926.

211,002. CERTAIN NAMED FABRICS. H. ERNSTBERGER & CO., New York, N. Y.
Filed November 21, 1925. Serial No. 223,628. PUBLISHED JANUARY 12, 1926.

211,003. CERTAIN NAMED FABRICS. H. ERNSTBERGER & CO., New York, N. Y.
Filed November 21, 1925. Serial No. 223,627. PUBLISHED JANUARY 12, 1926.

211,004. BED SHEETS AND PILLOWCASES. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y.
Filed November 21, 1925. Serial No. 223,616. PUBLISHED JANUARY 12, 1926.

211,005. MEN'S SUITS. HICKEY-FREEMAN CO., Rochester, N. Y.
Filed November 20, 1925. Serial No. 223,580. PUBLISHED JANUARY 5, 1926.

211,006. SILK PIECE GOODS. J. A. MIGEL, INC., Bergen, N. J., and New York, N. Y.
Filed November 19, 1925. Serial No. 223,582. PUBLISHED JANUARY 12, 1926.

211,007. WOMEN'S AND MISSES' DRESSES. THE LINDNER CO'Y, Cleveland, Ohio.
Filed November 18, 1925. Serial No. 223,480. PUBLISHED JANUARY 5, 1926.

211,008. HOSIERY. CHARLES F. BERG, Portland, Oreg.
Filed November 18, 1925. Serial No. 223,458. PUBLISHED JANUARY 5, 1926.

211,009. LADIES' SEAMLESS HOSIERY. SHOAF-SINK HOSIERY MILL COMPANY, Lexington, N. C.
Filed November 16, 1925. Serial No. 223,417. PUBLISHED JANUARY 5, 1926.

211,010. MEN'S, WOMEN'S, AND BOYS' SWEATERS. MAGNUS IMPORTS, LTD., New York, N. Y.
Filed November 16, 1925. Serial No. 223,397. PUBLISHED JANUARY 5, 1926.

211,011. CANNED SALMON. P. E. HARRIS & CO., Seattle, Wash.
Filed November 16, 1925. Serial No. 223,386. PUBLISHED JANUARY 12, 1926.

211,012. COTTON PIECE GOODS. ELMS & SELLON, INC., New York, N. Y.
Filed November 16, 1925. Serial No. 223,377. PUBLISHED JANUARY 12, 1926.

211,013. CANNED FRUITS, CANNED VEGETABLES, SPICES, DRIED BEANS, COFFEE, RICE, CANNED PORK AND BEANS, AND HOMINY. LEWIS, HUBBARD AND COMPANY, Charleston, W. Va.
Filed June 29, 1925. Serial No. 216,615. PUBLISHED JANUARY 5, 1926.

211,014. EATING AND COOKING CHOCOLATE. LA SOCIETE MENIER, Paris, France.
Filed July 15, 1925. Serial No. 217,403. PUBLISHED JANUARY 12, 1925.

211,015. CHOCOLATE AND COCOA. AKTIENGESELLSCHAFT CHOCOLAT TOBLER, Bern, Switzerland.
Filed July 25, 1925. Serial No. 217,845. PUBLISHED JANUARY 12, 1926.

211,016. BAR CANDIES. GLASER BROS., San Francisco, Calif.
Filed April 6, 1925. Serial No. 212,247. PUBLISHED JANUARY 12, 1926.

211,017. FRESH VEGETABLES—NAMELY, FRESH LETTUCE AND FRESH CHICORY FOR SALAD PURPOSES. A. ARENA & CO., Los Angeles, Calif.
Filed March 28, 1925. Serial No. 211,773. PUBLISHED JANUARY 12, 1926.

211,018. COLLARS AND DRESS, NEGLIGEE, AND WORK SHIRTS. HALL, HARTWELL & CO. INC., Troy, N. Y.
Filed February 20, 1925. Serial No. 209,917. PUBLISHED JANUARY 5, 1926.

211,019. MINERAL WATERS HAVING MEDICINAL PROPERTIES TO BE USED INTERNALLY AND EXTERNALLY. VENECIN A. G. FÜR CHEMISCHE PRODUKTE, Berlin and Weimar, Germany.
Filed April 17, 1924. Serial No. 195,726. PUBLISHED JANUARY 12, 1926.

211,020. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed May 1, 1924. Serial No. 196,882. PUBLISHED JANUARY 12, 1926.

211,021. PREPARATION FOR ACUTE, RELAXED, AND DISTURBED CONDITIONS OF THE STOMACH AND BOWELS. DR. PETER FAHRNEY & SONS CO., Chicago, Ill.
Filed August 15, 1925. Serial No. 218,903. PUBLISHED JANUARY 5, 1926.

211,022. UMBRELLA CLOTH IN THE PIECE, OF COTTON, SILK, OR ARTIFICIAL SILK. ALBERT D. SMITH & CO., New York, N. Y.
Filed August 14, 1925. Serial No. 218,875. PUBLISHED JANUARY 12, 1926.

211,023. SATEEN IN PIECE GOODS. WYMAN, PARTRIDGE & CO., Minneapolis, Minn.
Filed November 8, 1924. Serial No. 205,043. PUBLISHED JANUARY 12, 1926.

211,024. ROASTED COFFEE. CLAUS ANDERSON, doing business as Anderson & Company, Chicago, Ill.
Filed November 28, 1924. Serial No. 205,897. PUBLISHED JANUARY 12, 1926.

211,025. SOLDERING SOLUTION. RA-DX CO., Jersey City, N. J.
Filed December 1, 1924. Serial No. 206,084. PUBLISHED JANUARY 5, 1926.

211,026. FACE POWDERS, FACE CREAMS, PERFUMES, TOILET WATERS, ROUGES, HAIR TONICS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, AND SACHET POWDERS. HEATHER COMPANY, New York, N. Y.
Filed October 24, 1923. Serial No. 187,421. PUBLISHED JANUARY 12, 1926.

211,027. FOOT POWDER FOR SOFT CORNS, CALLI, AND ACHING, TIRED, ITCHING, PERSPIRING, AND ODOROUS FEET. CAROLUS M. PAULSON, doing business as Kalkus Chemical Company, Minneapolis, Minn.
Filed September 25, 1925. Serial No. 220,797. PUBLISHED JANUARY 12, 1926.

211,028. PILE SALVE. R. E. ELKS, Jr., Goldsboro, N. C.
Filed July 30, 1925. Serial No. 218,108. PUBLISHED JANUARY 5, 1926.

211,029. COCOA AND CHOCOLATE. AKTIENGESELLSCHAFT CHOCOLAT TOBLER, Bern, Switzerland.
Filed July 25, 1925. Serial No. 217,846. PUBLISHED JANUARY 12, 1926.

211,030. CANNED FRUITS, CANNED VEGETABLES, CANNED FISH, DRIED VEGETABLES, SALT FISH, TOMATO PASTE, CANNED EVAPORATED MILK. H. M. NEWHALL & CO., San Francisco, Calif.
Filed December 27, 1924. Serial No. 207311. PUBLISHED JANUARY 5, 1926.

211,031. LIQUID CHEMICAL COMPOUND FOR SCALE PREVENTING AND REMOVING FROM BOILERS. THE AMERICAN TURPENTINE COMPANY, doing business as North American Fibre Products Company, Cleveland, Ohio.
Filed December 3, 1924. Serial No. 206,146. PUBLISHED JANUARY 12, 1926.

211,032. CERTAIN NAMED DRUGS AND REMEDIES. BRUNSWIG DRUG COMPANY, Los Angeles, Calif.
Filed June 2, 1924. Serial No. 197,923. PUBLISHED DECEMBER 22, 1925.

211,033. CLOTHING MADE OF WOOL AND SILKS—VIZ, COATS, SUITS, DRESSES, CAPES, AND WRAPS FOR MISSES AND JUNIORS. HECHT & BERMAN, New York, N. Y.
Filed February 11, 1925. Serial No. 209,406. PUBLISHED JANUARY 5, 1926.

211,034. GREEN AND DRIED FRUITS, FRESH VEGETABLES, ORANGES IN THEIR NATURAL STATE, FRESH BERRIES, FRESH GRAPES, DRIED RAISINS, FRESH GRAPEFRUIT, FRESH CANTALOUPES, DRIED VEGETABLES, CANNED FRUITS, AND CANNED FISH. GARCIA & MAGGINI CO., San Francisco, Calif.
Filed July 8, 1924. Serial No. 199,748. PUBLISHED JANUARY 12, 1926.

211,035. INFANTS', CHILDREN'S, AND MISSES' APPAREL. GUSSIE J. ALLEN, Oakland, Calif.
Filed November 5, 1924. Serial No. 204,848. PUBLISHED JANUARY 5, 1926.

211,036. PERFUMES AND HYGIENIC PRODUCTS. SOCIÉTÉ WORTH, Paris, France, assignor to Franklin Simon & Co., New York, N. Y., a Corporation of New York.
Filed May 13, 1924. Serial No. 196,980. PUBLISHED MARCH 31, 1925.

211,037. BRAKE LINING AND CLUTCH FACINGS, VALVE-STEM PACKING, ASBESTOS PACKING, FELT WASHERS, TRANSMISSION LINING, FAN BELTS, AND RADIATOR HOSE. NATIONAL AUTOMOTIVE PARTS ASSOCIATION, Detroit, Mich.
Filed August 14, 1925. Serial No. 218,886. PUBLISHED DECEMBER 22, 1925.

211,038. PERFUMES AND HYGIENIC PRODUCTS. SOCIÉTÉ WORTH, Paris, France, assignor to Franklin Simon & Co., New York, N. Y., a Corporation of New York.
Filed May 13, 1924. Serial No. 196,976. PUBLISHED MARCH 31, 1925.

211,039. OINTMENT FOR ECZEMA. LUCY QUINLAN, Lawrence, Mass.
Filed April 23, 1925. Serial No. 213,192. PUBLISHED SEPTEMBER 15, 1925.

211,040. CHAIN AND PARTS THEREOF INCLUDING RIVETS USED TO JOIN THE SEVERAL PARTS OF THE CHAIN. LINK-BELT COMPANY, Chicago, Ill.
Filed July 16, 1925. Serial No. 217,472. PUBLISHED DECEMBER 29, 1925.

211,041. CHEMICAL COMPOSITION FOR USE IN THE PURIFICATION OF WATER. ALUMINUM COMPANY OF AMERICA, Pittsburgh, Pa.
Filed December 7, 1925. Serial No. 224,316. PUBLISHED JANUARY 12, 1926.

211,042. COSMETICS, PASTES, POWDERS, AND TOILET PREPARATIONS FOR BEAUTIFYING AND PRESERVING THE SKIN, TEETH, AND HAIR, AND PERFUMERY. PARFUMERIE ROGER ET GALLET, Paris, France.
Filed December 4, 1925. Serial No. 224,262. PUBLISHED JANUARY 12, 1926.

211,043. HANDLES AND FERRULES OF CANES, UMBRELLAS, AND PARASOLS. BAKELITE CORPORATION, New York, N. Y.
Filed October 23, 1925. Serial No. 222,156. PUBLISHED FEBRUARY 2, 1926.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

211,044. (CLASS 39. CLOTHING.) MAYFIELD UNDERGARMENT CO., New York, N. Y. Filed Jan. 2, 1925. Serial No. 207,586.

Mayfield



Particular description of goods.—Ladies' Knitted and Textile Underwear.
Claims use since Dec. 15, 1924.

211,045. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN F. JELKE COMPANY, Chicago, Ill. Filed Dec. 29, 1924. Serial No. 207,366.

MATCHLESS

Particular description of goods.—Oleomargarine.
Claims use since Jan. 1, 1910.

211,046. (CLASS 28. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GREAT NORTHERN MFG. CO., Chicago, Ill. Filed Apr. 13, 1925. Serial No. 212,612.

QUALITY

Particular description of goods.—Food Choppers.
Claims use since Dec. 1, 1924.

211,047. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CRESCENT FORGE & SHOVEL CO., Havana, Ill. Filed Mar. 12, 1925. Serial No. 210,886.

HAVANA SHARES

Particular description of goods.—Plowshares.
Claims use since July 1, 1912.

211,048. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RUDOLPH J. TIEDEMAN, doing business as Tiedeman's Pharmacy, Madison, Wis. Filed Feb. 16, 1925. Serial No. 209,711.

EXTREHEVY

Particular description of goods.—Frozen Malted Milk.
Claims use since Jan. 16, 1925.

211,049. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) PHILIP BAUERLE, JR., New York, N. Y. Filed Jan. 28, 1925. Serial No. 208,740.

"KANT-SLIP"

Particular description of goods.—Knee Pads for Athletic Purposes.
Claims use since Jan. 14, 1925.

211,050. (CLASS 37. PAPER AND STATIONERY.) BAXTER PAPER CORPORATION, New York, N. Y. Filed Jan. 16, 1925. Serial No. 208,177.

BAXTER'S

Particular description of goods.—Textile Wrapping Paper.
Claims use since January, 1922.

211,051. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MCTIGHE GROCERY COMPANY, Binghamton, N. Y. Filed June 3, 1925. Serial No. 215,263.

DELICIOUS

Particular description of goods.—Canned Fish, Macaroni, Cocoa, Coconut, Shredded and Desiccated, Molasses, Canned Fruit, Canned Vegetables, Coffee, Tea, Spices.
Claims use since May 1, 1910.

211,052. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) THE U. S. SHOE PRODUCTS COMPANY, New York, N. Y. Filed June 30, 1925. Serial No. 216,699.



Particular description of goods.—Shoe Polish.
Claims use since November, 1923.

211,053. (CLASS 39. CLOTHING.) JANE STUART, INC., New York, N. Y., assignor to Charles Robertson, New York, N. Y. Filed Dec. 21, 1925. Serial No. 224,978.

Jane Stuart

Particular description of goods.—Women's Coats and Dresses.
Claims use since May 15, 1924.

211,054. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LOUIS SIEGEL, doing business as Gold Medal Malt Co., Detroit, Mich. Filed Dec. 11, 1925. Serial No. 224,580.

GOLD MEDAL

Particular description of goods.—Malt Extract for Food Purposes.
Claims use since 1921.

211,055. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PABLO CALVET & CO., New York, N. Y. Filed June 3, 1925. Serial No. 215,267.

"KÜR-MANGE"

Particular description of goods.—Chemical Composition for the Treatment of Mange and for Destroying Fleas and Lice on Horses, Dogs, and Cattle.
Claims use since Aug. 1, 1921.

211,056. (CLASS 39. CLOTHING.) RICHMAN, NEWBURGER & TRAVERS, New York, N. Y. Filed Jan. 28, 1926. Serial No. 226,561.

Princeton

Particular description of goods.—Men's and Young Men's Coats.
Claims use since Jan. 3, 1925.

211,057. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PURITY BAKERIES CORPORATION, Kansas City, Mo. Filed Dec. 28, 1925. Serial No. 225,243.

Brandywine Fruit Cake

Particular description of goods.—Fruit Cake.
Claims use since Nov. 1, 1921.

211,058. (CLASS 37. PAPER AND STATIONERY.) COLLETTE MANUFACTURING CO., Amsterdam, N. Y. Filed Dec. 26, 1925. Serial No. 225,173.

Collette

Particular description of goods.—Paper Clips.
Claims use since January, 1922.

211,059. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SCHREIBER PRODUCTS CORPORATION, Buffalo, N. Y. Filed Nov. 15, 1924. Serial No. 205,365.

KALINA

Particular description of goods.—Coffee.
Claims use since Nov. 10, 1924.

211,060. (CLASS 37. PAPER AND STATIONERY.) JOSEPH M. MAZER, doing business as Bogart Paper Company, Brooklyn, N. Y. Filed Jan. 7, 1925. Serial No. 207,794.

ONE-SHEET

Particular description of goods.—Toilet Paper.
Claims use since May 6, 1924.

211,061. (CLASS 39. CLOTHING.) ABRAHAM & STRAUS, INC., New York, N. Y. Filed June 3, 1925. Serial No. 215,227.

The Fulton

Particular description of goods.—Hosiery.
Claims use since Feb. 1, 1925.

211,062. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) GEORGE YOUNG AND COMPANY, Chicago, Ill. Filed Dec. 18, 1925. Serial No. 224,868.

KORK-KORE

Particular description of goods.—Indoor Baseballs and Playground Balls.
Claims use since Dec. 15, 1924.

211,063. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FLEMING-WILSON MERCANTILE CO., Topeka, Kans. Filed June 24, 1925. Serial No. 216,328.

GOOD VALUE

Particular description of goods.—Canned Salmon, Canned Peas, Canned Kidney Beans, Canned Tomatoes, Canned Peaches, Canned Pears, Canned Apricots, Chocolate Candy; Evaporated Fruits—Namely, Apricots, Apples, and Prunes; Food-Flavoring Extracts—Namely, Lemon and Vanila; Corn Meal, Macaroni, Spaghetti, Vermicelli, Rolled Oats, Pancake Flour, Canned Oysters, Canned Codfish, Canned Hominy, Fruit Jelly, Apple Butter, Fruit Preserves, Dried Beef, Potted Meat, Vienna Sausage, Evaporated Canned Milk, Mincemeat, Salted Peanuts, Peanut Butter, Olives, Pickles, Chick and Hen Feed, Spices, Cornstarch, Food Sirup, Catchup, Horse-Radish, Mustard, Tea, Canned Pork and Beans, Canned Sauerkraut, Chile Con Carne, Canned Green Beans, Canned Beets, Canned Spinach, Canned Corn, Tomato Purée, Vinegar, Cocoa, Chocolate.
Claims use since Nov. 20, 1924, on canned peas; since Dec. 23, 1924, on canned salmon; and since Dec. 27, 1924, on balance of goods.

211,064. (CLASS 15. OILS AND GREASES.) SHERWOOD BROS. INC., Baltimore, Md. Filed June 3, 1925. Serial No. 215,277.

REXOLINE
MOTOR OIL
"Lubricates at Working Temperature"

Particular description of goods.—Lubricating Oils and Greases.
Claims use since October, 1922.

211,065. (CLASS 39. CLOTHING.) RED RAVEN RUBBER COMPANY, Newark, N. J. Filed July 8, 1925. Serial No. 217,049.

"HEALTHI - PANTY"

Particular description of goods.—Rubber Sanitary Baby Pants.
Claims use since 1922.

211,066. (CLASS 39. CLOTHING.) FREDERICK WENIG, New York, N. Y. Filed Aug. 6, 1925. Serial No. 218,514.

NORTHAM

Particular description of goods.—Underwear, Sweaters, and Hosiery.
Claims use since July 4, 1924.

211,067. (CLASS 39. CLOTHING.) H. W. LAWSON MFG. CO., Los Angeles, Calif. Filed Nov. 12, 1925. Serial No. 223,178.

LAWSON QUALITY

Particular description of goods.—Middies, Gymnasium Bloomers, Middy Skirts, Knickers, Breeches, Divided Skirts, Blouses; Jackets for Men, Women, and Children; Vests; Coats for Men, Women, and Children; Auto Coats, Juvenile Overalls, Negligee Shirts, Dresses; Jumper Suits for Men, Women, and Children; Knicker Suits for Men, Women, and Children; Suits for Men, Women, and Children; Children's Play Suits, Boys' Flapper Suits; Boys' Shirts, Girls' Flapper Suits, Boys' Mechanics' Suits, Sport Suits for Women and Girls, Pyjamas, Nightshirts, Nightgowns, Flannelette Pyjamas and Nightgowns for Men, Women, and Children, and Slipovers.
Claims use since Mar. 1, 1916.

211,068. (CLASS 39. CLOTHING.) MARTINS, INC., Brooklyn, N. Y. Filed Dec. 10, 1925. Serial No. 224,521.

Martell

Particular description of goods.—Ladies' Hose, Knitted Underwear and Underwear of Textile Fabric, Corsets, Waists, Dresses; Neckwear—Namely, Guimpes, Collars, Ties, and Jabots; Negligees; Leather, Cotton, and Silk Gloves or Gloves of Combinations Thereof; Sweaters, and Bathing Suits.
Claims use since November, 1924.

211,069. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) LAZONIA S. CHRISTOPHER, Fairchance, Pa. Filed Dec. 31, 1925. Serial No. 225,348.

CHRISTOPHER

Particular description of goods.—Picks.
Claims use since 1915.

211,070. (CLASS 9. EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.) JACQUES L. GALEF, New York, N. Y. Filed Aug. 12, 1925. Serial No. 218,748.

MANUEL ESCODIN

Particular description of goods.—Revolvers and Parts Thereof.
Claims use since about August, 1923.

211,071. (CLASS 43. THREAD AND YARN.) THE UNION THREAD COMPANY, Cincinnati, Ohio. Filed Dec. 30, 1925. Serial No. 225,327.

SURPASS

Particular description of goods.—Thread.
Claims use since about June, 1909.

211,072. (CLASS 32. FURNITURE AND UPHOLSTERY.) THE JEWETT RADIO & PHONOGRAPH COMPANY, Detroit, Mich. Filed Jan. 2, 1925. Serial No. 207,581.

The Jewett
Parkay
RADIO CABINET

Particular description of goods.—Cases or Containers for Radio Receiving Sets.
Claims use since June 6, 1924.

TRADE-MARK REGISTRATIONS RENEWED

26,893. CERTAIN NAMED LINEN GOODS. Registered August 6, 1895. JOHN S. BROWN & SONS. Renewed August 6, 1925, to John S. Brown & Sons, Limited, Belfast, Ireland, and New York, N. Y., a Corporation of Great Britain and Ireland, successor.

28,225. SALT. Registered May 5, 1896. CLARENCE C. ANDREWS. Renewed May 5, 1926, to Andrews and Spellman Company, Providence, R. I., a Corporation of Rhode Island, assignee.

46,028. PERIODICALS. Registered September 5, 1905. GOOD HOUSEKEEPING CO. Renewed September 5, 1925, to International Magazine Company, Inc., New York, N. Y., a Corporation of New York, successors.

48,023. COMPOUND SHEETS OF WOOD MADE OF SEVERAL THIN LAYERS UNITED BY A WATERPROOF COMPOSITION AND BOXES MADE THEREFROM. Registered December 5, 1905. VENESTA LIMITED, London, England, a Corporation of Great Britain. Renewed December 5, 1925.

48,440. TONIC MEDICINES. Registered December 26, 1906. SAMUEL BRUBAKER HARTMAN, Columbus, Ohio. Renewed December 26, 1926, to The Peruna Corporation, Chicago, Ill., a Corporation of Illinois, assignee by mesne assignments.

48,492. SILVER-PLATED FLATWARE, HOLLOW WARE, AND TABLEWARE. Registered January 2, 1906. WM. A. ROGERS LIMITED, New York, N. Y. Renewed January 2, 1926, to Wm. A. Rogers Limited, Toronto, Canada, and Niagara Falls, N. Y., a Corporation of Ontario, Canada.

48,677. WHISKY. Registered January 9, 1906. BELMONT DISTILLERY CO., Louisville Ky., a Corporation of Kentucky. Renewed January 9, 1926.

49,159. RUBBER HEELS AND SOLES. Registered January 23, 1906. MASSACHUSETTS CHEMICAL COMPANY, Boston, Mass. Renewed January 23, 1926, to United States Rubber Company, New Brunswick, N. J., and New York, N. Y., a Corporation of New Jersey, assignee by mesne assignments.

49,377. SMOKING AND CHEWING TOBACCO. Registered February 6, 1906. HOFFMAN AND CO., Red Hook, N. Y. Renewed February 6, 1926.

49,378. WATERPROOFING FELT. Registered February 6, 1906. HYDREX FELT & ENGINEERING CO., East Walpole, Mass. Renewed February 6, 1926, to Hydrex Asphalt Products Corporation, New York, N. Y., a Corporation of Delaware, successor.

49,396. ABRADING MATERIALS AND TOOLS. Registered February 6, 1906. THE PIKE MANUFACTURING COMPANY, Pike, Littleton, and Lisbon, N. H.; Hot Springs, Ark.; Orleans, Ind.; Evansville, Vt.; and New York, N. Y. Renewed February 6, 1926, to Pike Manufacturing Company, Pike, N. H., a Corporation of New Hampshire.

49,545. UTERINE TONIC AND SEDATIVE. Registered February 6, 1906. THE ELI LILLY & COMPANY, Indianapolis, Ind.; New York, N. Y.; Chicago, Ill.; St. Louis and Kansas City, Mo.; and New Orleans, La. Renewed February 6, 1926, to Eli Lilly and Company, Indianapolis, Ind., a Corporation of Indiana, assignee.

49,671. CANNED FRUITS AND VEGETABLES. Registered February 13, 1906. PORTLAND PACKING CO., Portland, Me. Renewed February 13, 1926.

49,672. CANNED FRUITS AND VEGETABLES. Registered February 13, 1906. PORTLAND PACKING COMPANY, Portland, Me. Renewed February 13, 1926.

49,673. CANNED FRUIT AND VEGETABLES. Registered February 13, 1906. PORTLAND PACKING COMPANY, Portland, Me. Renewed February 13, 1926.

49,706. FILES. Registered February 13, 1906. CARVER FILE COMPANY. Renewed February 13, 1926, to The Carver File Company, doing business as Delta File Works, Philadelphia, Pa., a Corporation of Pennsylvania.

49,961. VARNISHES. Registered February 27, 1906. AMERICAN VARNISH CO., Chicago, Ill., a Corporation of Illinois. Renewed February 27, 1926.

50,089. FILES AND RASPS. Registered March 6, 1906. CARVER FILE COMPANY. Renewed March 6, 1926, to The Carver File Company, doing business as Delta File Works, Philadelphia, Pa., a Corporation of Pennsylvania.

50,103. LAUNDRY BLUING. Registered March 6, 1906. THE RUSS COMPANY. Renewed March 6, 1926, to The Russ Company, South Bend, Ind., a Common-Law Trust of Indiana, successor.

50,538. FILES AND RASPS. Registered March 20, 1906. CARVER FILE COMPANY. Renewed March 20, 1926, to The Carver File Company, doing business as Delta File Works, Philadelphia, Pa., a Corporation of Pennsylvania.

50,593. RIDING AND WALKING PLOWS. Registered March 27, 1906. PARLIN & ORENDORFF CO., Canton, Ill. Renewed March 27, 1926, to International Harvester Company, Chicago, Ill., a Corporation of New Jersey, assignee.

50,786. LAXATIVE MEDICINES. Registered March 27, 1906. SAMUEL BRUBAKER HARTMAN, Columbus, Ohio. Renewed March 27, 1926, to The Peruna Corporation, Chicago, Ill., a Corporation of Illinois, assignee by mesne assignments.

50,843. WAGONS. Registered April 3, 1906. WEBER WAGON COMPANY, Chicago, Ill. Renewed April 3, 1926, to International Harvester Company, Chicago, Ill., a Corporation of New Jersey, assignee.

50,881. FILES AND RASPS AND HANDLES AND HOLDERS THEREFOR. Registered April 3, 1906. NICHOLSON FILE COMPANY, Providence, R. I., a Corporation of Rhode Island. Renewed April 3, 1926.

50,966. WATCHES. Registered April 3, 1906. ELGIN NATIONAL WATCH COMPANY, Elgin and Chicago, Ill., a Corporation of Illinois. Renewed April 3, 1926.

50,972. SOLE AND HARNESS LEATHER. Registered April 3, 1906. MAGNUS HESSBERG. Renewed April 3, 1926, to Magnus Hessberg, Inc., Richmond, Va., a Corporation of Virginia, successor.

51,253. CERTAIN NAMED MEDICINE. Registered April 10, 1906. W. W. GAVITT MEDICAL CO. Renewed April 10, 1926, to The Gavitt Loan & Investment Co., Topeka, Kans., a Corporation of Kansas, assignee.

51,278. BRONZE-GREEN PAINTS. Registered April 10, 1906. JOHN BRIGGS & CO., Boston, Mass. Renewed April 10, 1926, to Acme White Lead and Color Works, Detroit, Mich., a Corporation of Michigan, assignee.

51,351. VEGETABLE GERMICIDES. Registered April 10, 1906. J. HUBBARD & CO. Renewed April 10, 1926, to J. Hubbard & Co., Boston, Mass., successor.

51,663. PLOWS. Registered April 17, 1906. PARLIN & ORENDORFF CO., Canton, Ill. Renewed April 17, 1926, to International Harvester Company, Chicago, Ill., a Corporation of New Jersey, assignee.

51,792. TEA. Registered April 24, 1906. HEWLETT & LEE, New York, N. Y. Renewed April 24, 1926.

51,816. TEA. Registered April 24, 1906. HEWLETT & LEE, New York, N. Y. Renewed April 24, 1926.

51,930. NICKEL SALTS. Registered April 24, 1906. THE HANSON & VAN WINKLE CO., Newark, N. J.; New York, N. Y.; and Chicago, Ill. Renewed Apr. 24, 1926, to The Hanson & Van Winkle Company, Newark, N. J., a Corporation of New Jersey.

51,969. ICE CREAM, ICES, AND FROZEN CUSTARDS. Registered May 1, 1906. J. M. HORTON ICE CREAM CO., New York, N. Y., a Corporation of New York. Renewed May 1, 1926.

51,989. MEDICINAL PLASTERS. Registered May 1, 1906. J. M. GROSVENOR & CO., Boston, Mass. Renewed May 1, 1926, to Johnson & Johnson, New Brunswick, N. J., a Corporation of New Jersey, assignee.

52,140. MEDICINAL PLASTERS. Registered May 1, 1906. J. M. GROSVENOR & CO., Boston, Mass. Renewed May 1, 1926, to Johnson & Johnson, New Brunswick, N. J., a Corporation of New Jersey, assignee.

52,256. TOILET LOTION. Registered May 1, 1906. MERTON E. WAITE. Renewed May 1, 1926, to The Bonheur Company, Inc., Syracuse, N. Y., a Corporation of New York, assignee.

52,293. METALLIC RIMS FOR VEHICLE WHEELS. Registered May 8, 1906. THE CLINCHER AUTOMOBILE TIRE MANUFACTURERS' ASSOCIATION, Akron, Ohio. Renewed May 8, 1926, to The Tire and Rim Association of America, Incorporated, Cleveland, Ohio, a Corporation of Connecticut, successor.

52,314. CIGARS. Registered May 8, 1906. AMERICAN CIGAR COMPANY, New York, N. Y. Renewed May 8, 1926, to American Cigar Company, Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey.

52,418. REMEDIES FOR CERTAIN NAMED DISEASES. Registered May 8, 1906. MAX GEBAUER. Renewed May 8, 1926, to Louis B. Mollica, New York, N. Y., assignee by mesne assignments.

52,665. ADHESIVE PLASTER. Registered May 15, 1906. J. ELLWOOD LEE COMPANY, Conshohocken, Pa. Renewed May 15, 1926, to Johnson & Johnson, New Brunswick, N. J., a Corporation of New Jersey, assignee.

52,765. BREAKFAST FOOD, ROLLED OATS, AND OATMEAL. Registered May 15, 1906. THE AMERICAN CEREAL COMPANY, Akron, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa. Renewed May 15, 1926, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

52,974. PIANOS. Registered May 22, 1906. DECKER & SON. Renewed May 22, 1926, to Decker & Son, Inc., New York, N. Y., a Corporation of New York, successor.

53,161. DISPLAY RACKS. Registered May 29, 1906. JOHN H. BEST. Renewed May 29, 1926, to John H. Best & Sons, Galva, Ill., successor.

53,222. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered May 29, 1906. HOLLINGSWORTH & WHITNEY CO., Boston, Mass., a Corporation of Massachusetts. Renewed May 29, 1926.

53,223. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered May 29, 1906. HOLLINGSWORTH & WHITNEY CO., Boston, Mass. Renewed May 29, 1926.

53,343. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered May 29, 1906. HOLLINGSWORTH & WHITNEY CO., Boston, Mass., a Corporation of Massachusetts. Renewed May 29, 1926.

53,377. TOILET PAPER. Registered June 5, 1906. SCOTT PAPER CO., Philadelphia, Pa. Renewed June 5, 1926, to American Trading Company, Inc., New York, N. Y., a Corporation of New York, assignee.

53,384. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered June 5, 1906. HOLLINGSWORTH & WHITNEY CO., Boston, Mass., a Corporation of Massachusetts. Renewed June 5, 1926.

53,385. WRAPPING PAPER, PAPER BAGS, AND PAPER SACKS. Registered June 5, 1906. HOLLINGSWORTH & WHITNEY CO., Boston, Mass. Renewed June 5, 1926.

53,463. ROCK CANDY AND ROCK-CANDY SIRUPS. Registered June 5, 1906. KNICKERBOCKER CHOCOLATE CO., New York, N. Y., a Corporation of New Jersey. Renewed June 5, 1926.

53,540. CERTAIN NAMED MILLS. Registered June 5, 1906. THE CLEVELAND TWIST DRILL COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed June 5, 1926.

53,720. CERTAIN NAMED TOOLS AND TOOL HOLDERS. Registered June 12, 1906. THE CLEVELAND TWIST DRILL COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed June 12, 1926.

53,907. CEREAL FOODS MADE FROM OATS. Registered June 12, 1906. THE AMERICAN CEREAL COMPANY, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa. Renewed June 12, 1926, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

53,908. CEREAL FOODS MADE FROM OATS. Registered June 12, 1906. THE AMERICAN CEREAL COMPANY, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa. Renewed June 12, 1926, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

53,909. CEREAL FOODS MADE FROM OATS. Registered June 12, 1906. THE AMERICAN CEREAL COMPANY, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa. Renewed June 12, 1926, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

53,910. CEREAL FOODS MADE FROM OATS. Registered June 12, 1906. THE AMERICAN CEREAL COMPANY, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa. Renewed June 12, 1926, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

53,942. BEER. Registered June 12, 1906. THE WACKER & BIRK BR'G & M'LT'G CO. Renewed June 12, 1926, to The Wacker & Birk Brewing & Malting Co., Chicago, Ill., a Corporation of Illinois.

53,986. HORSE AND MULE SHOES. Registered June 19, 1906. PHOENIX HORSE SHOE CO., Chicago, Ill. Renewed June 19, 1926, to Phoenix Horse Shoe Co., Chicago and Joliet, Ill.; New York and Poughkeepsie, N. Y.; and Cleves, Ohio, a Corporation of Illinois.

54,056. MEDICAL PREPARATIONS FOR CERTAIN NAMED DISEASES. Registered June 19, 1906. DOCTOR BLOSSER COMPANY. Renewed June 19, 1926, to The Blosser Company, Atlanta, Ga., a Corporation of Georgia, successor.

54,092. LEATHER DRESSING. Registered June 19, 1906. ALFRED ANDRESEN & CO., Minneapolis, Minn. Renewed June 19, 1926, to Alfred Andresen Drug & Chemical Co., Mound, Minn., a Corporation of Minnesota, assignee.

54,129. FILES AND RASPS. Registered June 19, 1906. CARVER FILE COMPANY. Renewed June 19, 1926, to The Carver File Company, doing business as Delta File Works, Philadelphia, Pa., a Corporation of Pennsylvania.

54,155. CEREAL FOODS MADE FROM OATS. Registered June 19, 1906. THE AMERICAN CEREAL COMPANY, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa. Renewed June 19, 1926, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

54,262. SOFT-RUBBER, BULB, AND FOUNTAIN SYRINGES. Registered June 26, 1906. AMERICAN HARD RUBBER CO., New York, N. Y. Renewed June 26, 1926, to American Hard Rubber Company, Hempstead and New York, N. Y., a Corporation of New York.

54,313. RIDING AND WALKING PLOWS. Registered June 26, 1906. PARLIN & ORENDORFF CO., Canton, Ill. Renewed June 26, 1926, to International Harvester Company, Chicago, Ill., a Corporation of New Jersey, assignee.

54,350. HARD-RUBBER SYRINGES. Registered June 26, 1906. AMERICAN HARD RUBBER CO., New York, N. Y. Renewed June 26, 1926, to American Hard Rubber Company, Hempstead and New York, N. Y., a Corporation of New York.

54,386. WHEAT FLOUR. Registered June 26, 1906. THE REA-PATTERSON MILLING COMPANY, Coffeyville, Kans., a Corporation of Kansas. Renewed June 26, 1926.

54,387. WHEAT FLOUR. Registered June 26, 1906. THE REA-PATTERSON MILLING COMPANY, Coffeyville, Kans., a Corporation of Kansas. Renewed June 26, 1926.

54,396. WHEAT FLOUR. Registered June 26, 1906. THE TOPEKA MILLING COMPANY, Topeka, Kans. Renewed June 26, 1926, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee by mesne assignments.

54,401. CEREAL FOODS MADE FROM OATS. Registered June 26, 1906. THE AMERICAN CEREAL COMPANY, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa. Renewed June 26, 1926, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

54,431. BREAD. Registered June 26, 1906. HENRY S. LEVY, Brooklyn, N. Y. Renewed June 26, 1926, to Henry S. Levy, Belle Harbour, L. I., N. Y.

54,532. CHEWING AND SMOKING TOBACCO. Registered June 26, 1906. SMITH & SCOTT TOBACCO CO., Paducah, Ky., a Corporation of Kentucky. Renewed June 26, 1926.

54,541. CERTAIN NAMED CEREAL FOODS. Registered June 26, 1906. THE AMERICAN CEREAL COMPANY, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa. Renewed June 26, 1926, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

54,568. CERTAIN NAMED CEREAL FOODS. Registered June 26, 1906. THE AMERICAN CEREAL COMPANY, Akron and Ravenna, Ohio; Chicago, Ill., and Cedar Rapids, Iowa. Renewed June 26, 1926, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

54,585. GRASS AND FIELD SEED. Registered June 26, 1906. LUDWIG TEWELES. Renewed June 26, 1926, to L. Teweles Seed Co., Milwaukee, Wis., a Corporation of Wisconsin, successor.

54,607. A REMEDY FOR SKIN DISEASES. Registered June 26, 1906. JAMES P. MORRIS, Paris, Tex. Renewed June 26, 1926.

54,635. FLOURS AND MEALS. Registered June 26, 1906. THE AMERICAN CEREAL COMPANY, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa. Renewed June 26, 1926, to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey, assignee.

54,649. HOSIERY FOR BOTH LADIES AND GENTLEMEN. Registered June 26, 1906. WAYNE KNITTING MILLS, Fort Wayne, Ind., a Corporation of Indiana. Renewed June 26, 1926.

54,712. MEDICINAL PLASTERS. Registered June 26, 1906. J. ELLWOOD LEE COMPANY, Conshohocken, Pa. Renewed June 26, 1926, to Johnson & Johnson, New Brunswick, N. J., a Corporation of New Jersey, assignee.

54,750. MACHINE NEEDLES. Registered June 26, 1906. UNION SPECIAL MACHINE COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed June 26, 1926.

54,903. SILK EMBROIDERIES. Registered July 31, 1906. LION BROS. CO., Baltimore, Md., a Corporation of Maryland. Renewed July 31, 1926.

54,977. OIL LINIMENT. Registered August 7, 1906. MERCHANTS GASOLINE OIL COMPANY, Lockport, N. Y., a Corporation of New York. Renewed August 7, 1926.

55,127. DRESS SHIRTS AND NEGLIGEE SHIRTS. Registered August 7, 1906. COLUMBUS SHIRT COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed August 7, 1926.

LABELS

REGISTERED MARCH 30, 1926.

30,110.—*Title:* GOOD MORNING!—HAVE A CUP OF FIG-CO. For a Coffee Substitute. CALIFORNIA HEALTH FOOD CO., Los Angeles, Calif. Published October 12, 1925.

30,111.—*Title:* NANCE'S FRENCH SALAD DRESSING. For Salad Dressing. NANCE M. DELMARLE, Rochester, N. Y. Published December 14, 1925.

30,112.—*Title:* NANCE'S MUSTARD SAUCE. For Mustard Sauce. NANCE M. DELMARLE, Rochester, N. Y. Published December 14, 1925.

30,113.—*Title:* FRESHIE TOWELETTES. For Cold-Cream Tissue. THE FRESHIE CO. INC., New York, N. Y. Published February 16, 1926.

30,114.—*Title:* FRISCH PROCESS #2. For Bread. EMILE FRISCH, Chicago, Ill. Published August 7, 1925.

30,115.—*Title:* FRISCH PROCESS. For Bread. EMILE FRISCH, Chicago, Ill. Published February 11, 1925.

30,116.—*Title:* GOLD PRIZE. For Coffee. L. H. FROHMAN & Co., Chicago, Ill. Published January 15, 1926.

30,117.—*Title:* CHICAGO MADE CIGARS. For Cigars. ALFRED C. HENSCHEL, Chicago, Ill. Published October 13, 1925.

30,118.—*Title:* CREAMO. For Salad Dressing. HIGH GRADE SALAD CO., Philadelphia, Pa. Published January 18, 1926.

30,119.—*Title:* BIG 'B'AR 5¢. For Candy. W. E. HUMPHREY CO., INC., Tacoma, Wash. Published January 15, 1926.

30,120.—*Title:* HOTSY TOTSY. For Candy. THE INDEPENDENT CANDY & MANUFACTURING COMPANY, Joplin, Mo. Published January 10, 1926.

30,121.—*Title:* SUPREME MALT EXTRACT. For Malt Extract. JIM'S STORES, Philadelphia, Pa. Published December 20, 1925.

30,122.—*Title:* JOHNSTON'S UNUSUALLY GOOD PAINT. For Paints. THE R. F. JOHNSTON PAINT COMPANY, Cincinnati, Ohio. Published January 25, 1926.

30,123.—*Title:* MINERALIFE. For Medicinal Salts Used For Blood Purifier and Tonic. SAMUEL H. JORDAN, doing business as Mineralife, Los Angeles and Long Beach, Calif. Published December 10, 1925.

30,124.—*Title:* B & S BRAND. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to William Buechee & Sons Company, Jersey City, N. J. Published February 11, 1926.

30,125.—*Title:* ARO BUTTER. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to Aro Creamery Company, St. Louis, Mo. Published February 11, 1926.

30,126.—*Title:* SEA-LION. For Fresh Artichokes. MONTEREY BAY ARTICHOKE GROWERS, INC., Monterey, Salinas, and Castroville, Calif. Published February 8, 1926.

30,127.—*Title:* LAX-A-CRAX. For Crackers. MOUNTAIN CITY MILL CO., doing business as the Chattanooga Bakery, Chattanooga, Tenn. Published September 16, 1925.

30,128.—*Title:* DON PEDRO. For Grapes. W. MERLE NELSON, Modesto, Calif. Published November 30, 1925.

30,129.—*Title:* EVERY WEAR—ALL PURPOSE VARNISH. For Varnish. NEWARK VARNISH WORKS, INC., Newark, N. J. Published January 30, 1926.

30,130.—*Title:* OCEAN-O. For a Regulating Tonic and Detoxicant. OCEANO PRODUCTS COMPANY, Newark, N. J. Published September 15, 1925.

30,131.—*Title:* FRENCH BLUE. For French Bluing for the Hair. OGILVIE SISTERS, New York, N. Y. Published January 1, 1926.

30,132.—*Title:* WAVE LOTION. For Wave Lotion. OGILVIE SISTERS, New York, N. Y. Published January 1, 1926.

30,133.—*Title:* TONIC FOR WHITENING GREY HAIR. For Hair Tonic. OGILVIE SISTERS, New York, N. Y. Published January 1, 1926.

30,134.—*Title:* SCALP POMADE. For Scalp Pomade. OGILVIE SISTERS, New York, N. Y. Published January 1, 1926.

30,135.—*Title:* SPECIAL OINTMENT. For Medicated Ointment. OGILVIE SISTERS, New York, N. Y. Published January 1, 1926.

30,136.—*Title:* PURE HENNA POWDER. For Henna Powder. OGILVIE SISTERS, New York, N. Y. Published January 1, 1926.

30,137.—*Title:* TONIC FOR DRY HAIR. For Hair Tonic. OGILVIE SISTERS, New York, N. Y. Published January 1, 1926.

30,138.—*Title:* TONIC FOR OILY HAIR. For Hair Tonic. OGILVIE SISTERS, New York, N. Y. Published January 1, 1926.

30,139.—*Title:* SPECIAL REMEDY FOR FALLING HAIR AND DANDRUFF. For Hair Tonic. OGILVIE SISTERS, New York, N. Y. Published January 1, 1926.

30,140.—*Title:* HENNA SHAMPOO POWDER. For Shampoo Powder. OGILVIE SISTERS, New York, N. Y. Published January 1, 1926.

30,141.—*Title:* PARKER'S GERMICIDAL LOTION FOR ITCH AND ALL OTHER SKIN TROUBLES. For Germicidal Lotion. F. W. PARKER, Raleigh, N. C. Published February 16, 1926.

30,142.—*Title:* BRAMHALL. For Cigars. PINES BROS., Portland, Me. Published February 22, 1926.

30,143.—*Title:* MONARCH TEENIE WEENIE PEANUT BUTTER. For Peanut Butter. REID, MURDOCH & Co., Chicago, Ill. Published February 19, 1926.

30,144.—*Title:* ONE DOZEN BEST-O'-FARM FANCY SELECTED EGGS. For Eggs. ROBERTS & OAKS, INC., Chicago, Ill. Published January 20, 1926.

30,145.—*Title:* KRISPETTE. For Rye Cereal. THE RY-KRISP COMPANY, Minneapolis, Minn. Published February 15, 1926.

30,146.—*Title:* DR. SCHOLL'S IMPROVED BUNION SPRING. For an Appliance in the Relief and Correction of Hallux Valgus, Bunions, and Overlapping and Underlapping Great Toes. THE SCHOLL MFG. CO. INC., Chicago, Ill. Published October 13, 1915.

30,147.—*Title:* SMICO. For Insecticides. BENJAMIN D. SMITH, doing business as Smith Mfg. Company, Utica, N. Y. Published January 25, 1926.

30,148.—*Title:* SUPERIOR HAIR GROWER. For a Preparation for the Hair. CATHERINE E. SMITH, Philadelphia, Pa. Published January 20, 1926.

30,149.—*Title:* GLORIA BRAND CHOICE COMMON FLOUR. For Flour. STANDARD BAKERS' SUPPLY CO., INC., Brooklyn, N. Y. Published August 15, 1925.

30,150.—*Title:* BLOSSOM BRAND CHOICE PATENT RYE FLOUR. For Flour. STANDARD BAKERS' SUPPLY CO., INC., Brooklyn, N. Y. Published August 15, 1925.

30,151.—*Title:* 'JEWELERS' SILVER CLEANER. For a Silver Cleaner or Polish. CHARLES N. STEELE, Scotia, N. Y. Published January 30, 1926.

30,152.—*Title:* SILVERDALE. For Cigars. A. F. VARANELLI, Waterbury, Conn. Published February 24, 1926.

30,153.—*Title:* WILSON'S BLUE RIBBON STAR POLISH. For a Liquid Polish. CHARLES A. WILSON, New York, N. Y. Published October 14, 1925.

PRINTS

REGISTERED MARCH 30, 1926.

8,663.—*Title:* BE SURE TO SEE THAT IT'S 'B. V. D.' For Athletic Underwear. THE B. V. D. COMPANY, INC., New York, N. Y. Published February 17, 1926.

8,664.—*Title:* MADE FOR THE BEST RETAIL TRADE B. V. D. For Athletic Underwear. THE B. V. D. COMPANY, INC., New York, N. Y. Published February 17, 1926.

8,665.—*Title:* GREATER COMFORT LONGER WEAR. For Athletic Underwear. THE B. V. D. COMPANY, INC., New York, N. Y. Published February 17, 1926.

8,666.—*Title:* MADE FOR THE B. V. D. BEST RETAIL TRADE. For Athletic Underwear. THE B. V. D. COMPANY, INC., New York, N. Y. Published February 17, 1926.

8,667.—*Title:* A FORMULA USED WITH GREAT SUCCESS IN THE TREATMENT OF PYLORIC STENOSIS. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published February 20, 1926.

8,668.—*Title:* ONE PIECE—CASH OR CREDIT. For Furniture and Household Equipment. JACKSON FURNITURE COMPANY, Oakland, Calif. Published February 16, 1926.

8,669.—*Title:* ONE PRICE—CASH OR CREDIT. For Furniture and Household Equipment. JACKSON FURNITURE COMPANY, Oakland, Calif. Published February 16, 1926.

8,670.—*Title:* GIRO PORCELAIN FIGURINES. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published February 1, 1926.

8,671.—*Title:* "THE WAITER." For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published February 1, 1926.

8,672.—*Title:* "THE DINNER PARTY." For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published February 1, 1926.

8,673.—*Title:* "THE LITTLE HOSTESS." For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published February 1, 1926.

8,674.—*Title:* THE NURSE AND CHILD. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published February 1, 1926.

8,675.—*Title:* MARION POWER'S RASPBERRY JELL-O. For a Dessert Preparation. THE JELL-O COMPANY, INC., Le Roy, N. Y. Published February 1, 1926.

8,676.—*Title:* PROFITS SHARED WITH OUR CUSTOMERS. For Various Articles of Merchandise. ELMER W. LAWSON, La Russell, Mo. Published October 1, 1924.

8,677.—*Title:* AT THE TURN OF A SINGLE DIAL. For Radio Sets. THE MAGNAVOX COMPANY, Oakland, Calif. Published February 10, 1926.

8,678.—*Title:* CERTIFICATE OF AUTHORITY—Moxie C Deal. For Beverage Called "Moxie." THE MOXIE COMPANY, Boston, Mass. Published February 20, 1926.

8,679.—*Title:* ALADDIN MAGIC NUT BOWL. For Aladdin Magic Nut Bowl. HERBERT G. PAUER, Buffalo, N. Y. Published February 1, 1926.

8,680.—*Title:* REPAIR YOUR MOTOR THE NEW WAY. For Piston Rings. THE SIMPLEX PISTON RING COMPANY, Cleveland, Ohio. Published February 1, 1926.

8,681.—*Title:* MORE DOLLARS PER ACRE IN 1925. For Cottonseed. SUMMEROUR & SON, Vernon, Tex. Published January 25, 1926.

8,682.—*Title:* THE NEW PLASTER. For Weslico Texture Plaster. THE WESTERN LIME & CEMENT CO., Milwaukee, Wis. Published February 15, 1926.

8,683.—*Title:* HOW TO USE THIS WOOSTER BRUSH CHART. For Brushes. THE WOOSTER BRUSH COMPANY, Wooster, Ohio. Published December 11, 1925.

8,684.—*Title:* SHASTA BRUSHES. For Brushes. THE WOOSTER BRUSH COMPANY, Wooster, Ohio. Published December 18, 1925.

REISSUES

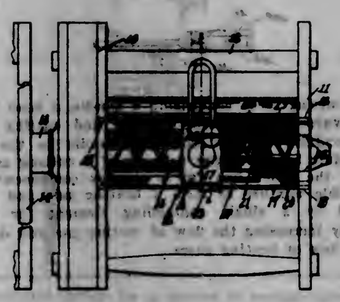
MARCH 30, 1926.

16,299. BOOK COVER. JOHN SCHADE, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a Voluntary Trust Association of Copartnership; F. B. Towne, E. S. Towne, J. M. Towne, and F. W. Wilson, trustees. Filed Feb. 4, 1926. Serial No. 86,093. Original No. 1,556,721, dated Oct. 13, 1925. Serial No. 26,871, filed Apr. 28, 1925. 5 Claims. (Cl. 129—24.)



1. A book cover for a loose leaf structure, comprising a single piece of material forming the side covers and back, a ridge extending lengthwise of the inside of said back and having lateral free edges, and a metal sheath upon the face of this ridge and secured to said edges.

16,300. FISHING REEL. NICHOLLS J. SMITH, Bainbridge, Ga. Filed Nov. 19, 1925. Serial No. 70,170. Original No. 1,551,063, dated Aug. 25, 1925, Serial No. 25,086, filed Apr. 22, 1925. 10 Claims. (Cl. 242—84.4.)

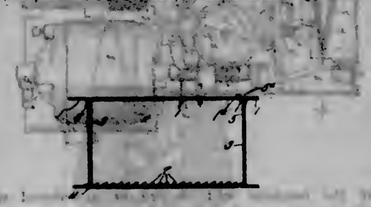


1. The combination with the end disks of a fishing reel, and the screw shaft thereof, of a line guide movable by said shaft, and a support for the guide including ways supported by the end disks, and lubricant carrying means on the block within the ways.

16,301. TREATMENT OF ROCK ASPHALT. WILLIAM P. BENTLEY, Dallas, Tex. Filed Feb. 11, 1926. Serial No. 87,693. Original No. 1,529,829, dated Mar. 17, 1925, Serial No. 643,087, filed June 2, 1923. 7 Claims. (Cl. 180—31.)

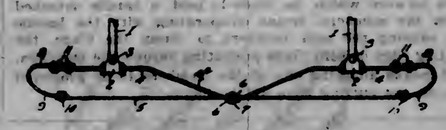
7. A process for making a road composition, comprising mixing pulverized bitumen-containing rock with an atmospherically volatile liquefier and a normally adhesive flux, causing said flux to permanently unite with the naturally contained bituminous material, and controlling the percentage of bituminous material and consistency of bitumen in the final composition by regulating the quantity and viscosity of flux added.

16,302. STEEL LUMBER. HOWARD B. SHERMAN, Battle Creek, Mich. Filed Oct. 15, 1925. Serial No. 62,678. Original No. 1,548,810, dated Aug. 4, 1925, Serial No. 531,082, filed Jan. 28, 1922. 32 Claims. (Cl. 72—116.)



1. A one piece steel lumber section rolled into a unitary member comprising a relatively thick studding portion that serves as a building supporting element, and a relatively thin sustaining plate portion formed integrally therewith that extends laterally from one side of said studding portion and possesses a width suitable to span the space between studding portions of adjacent lumber sections.

16,303. BUMPER. CHRISTIAN GIBL, Detroit, Mich., assignor to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed Jan. 28, 1924. Serial No. 689,137. Original No. 1,472,905, dated Nov. 6, 1923, Serial No. 615,907, filed Jan. 31, 1923. 12 Claims. (Cl. 293—55.)

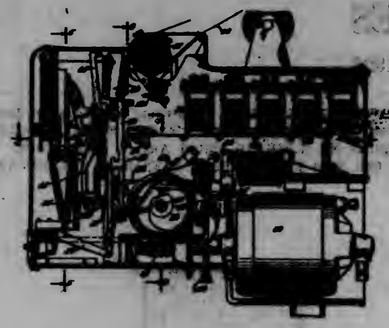


1. A bumper comprising a pair of vertically spaced bars and an auxiliary bar having its ends spaced rearwardly from the ends of the first-mentioned bars, and a forked plate bent into looped form and having its forks connected with the ends of the first-mentioned bars and its intermediate portion or stem connected with the adjacent end of the other bar.

16,304. PRINTING TABULATOR. CLAIR DENNISON LAKE, Binghamton, N. Y., assignor to The Tabulating Machine Company, a Corporation of New Jersey. Filed Dec. 3, 1921. Serial No. 519,780. Original No. 1,379,268, dated May 24, 1921, Serial No. 343,069, filed Dec. 29, 1919. 53 Claims. (Cl. 235—58.)

2. The combination with a power driven tabulating machine of a printing or listing attachment, intermediate mechanism for connecting the same with or disconnecting it from the tabulator mechanism, and means for ap-

plying the driving power to the tabulator at varying rates, operatively controlled by said intermediate mechanism



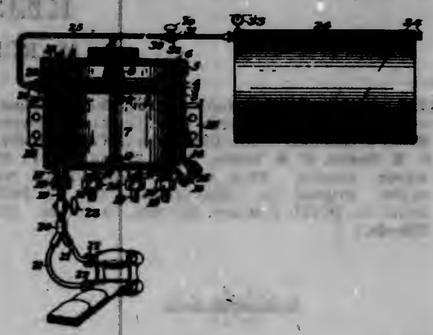
whereby the machine will be run at a reduced speed when the printing and listing attachment is connected with the tabulator mechanism.

16,305. CUTTER HOLDER. OSCAR L. SCALBOM, Glenview, Ill. Filed Aug. 31, 1925. Serial No. 53,718. Original No. 1,500,643, dated July 8, 1924, Serial No. 693,085, filed Nov. 24, 1922. 22 Claims. (Cl. 30—25.)



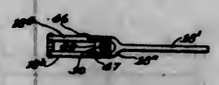
1. A cutter blade holder embodying co-operating members between which the blade is held, a handle detached from the members, means co-operating with the handle for causing the said members to clamp the blade, the cutting edge of said blade projecting beyond the members, and means adapting one of the members to be projected beyond the cutting edge of the blade.

16,306. LUBRICATING SYSTEM. AVERIL P. ANDERSON, Bellevue, Pa. Filed Nov. 3, 1923. Serial No. 672,670. Original No. 1,465,620, dated Aug. 21, 1923, Serial No. 519,669, filed Dec. 3, 1921. 5 Claims. (Cl. 184—7.)



2. In a lubricating system for an automotive vehicle, a plurality of parts to be lubricated, a source of lubricant, a plurality of headers connected to the source by conduits, a single pressure means adapted to force lubricant to the several headers, and a plurality of conduits leading from the several headers to the parts to be lubricated, substantially as described.

16,307. CUTTING AND WELDING TORCH. JAMES D. MCCUTCHEON, Pittsburgh, Pa. Filed Feb. 23, 1926. Serial No. 90,217. Original No. 1,537,481, dated May 12, 1925, Serial No. 613,874, filed Jan. 20, 1923. 10 Claims. (Cl. 158—27.4.)



1. A cutting torch comprising a handle, a head having passageways for delivering heating and cutting gases, three conduits leading from the handle to the head, one conduit being for the delivery of a cutting gas and each of the other two for a gaseous component of a combustible mixture to form a heating gas, and means operated by a single controlling element for simultaneously increasing the flow of cutting gas and decreasing the flow of heating gases.

DESIGNS

MARCH 30, 1926.

69,791. CABINET. JOHN M. BEACH and OAKLEY V. WEEKS, Grand Rapids, Mich., assignors to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Sept. 18, 1925. Serial No. 14,818. Term of patent 3½ years.



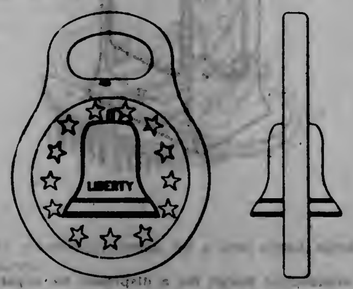
The ornamental design for a cabinet or similar article as shown.

69,792. CABINET. JOHN M. BEACH and OAKLEY V. WEEKS, Grand Rapids, Mich., assignors to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Sept. 18, 1925. Serial No. 14,819. Term of patent 3½ years.



The ornamental design for a cabinet or similar article as shown.

69,793. HAND BELL. ARON BRILL, New York, N. Y. Filed Jan. 30, 1926. Serial No. 16,337. Term of patent 3½ years.



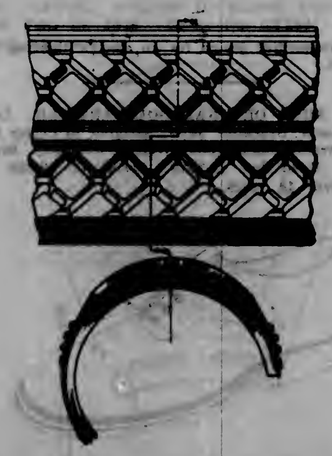
The ornamental design for a hand bell, as shown.

69,794. HAND BAG. FLORENCE R. CHRISTOPHER, Detroit, Mich. Filed Dec. 2, 1925. Serial No. 15,609. Term of patent 7 years.



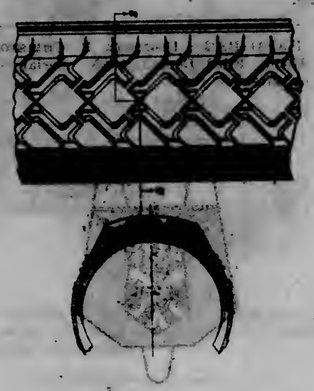
The ornamental design for a hand bag, as shown.

69,795. TIRE. ASA P. COOLEY, Hubbard Woods, Ill., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill., a Corporation of Illinois. Filed Dec. 23, 1925. Serial No. 15,881. Term of patent 14 years.



The ornamental design for a tire substantially as shown.

69,796. TIRE. ASA B. COOLEY, Hubbard Woods, Ill., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill., a Corporation of Illinois. Filed Dec. 28, 1925. Serial No. 15,833. Term of patent 14 years.



The ornamental design for a tire substantially as shown.

69,797. ELECTRIC-LIGHTING FIXTURE. EUGEN JULIUS DIETZMANN, Los Angeles, Calif. Filed Oct. 12, 1925. Serial No. 16,096. Term of patent 3½ years.



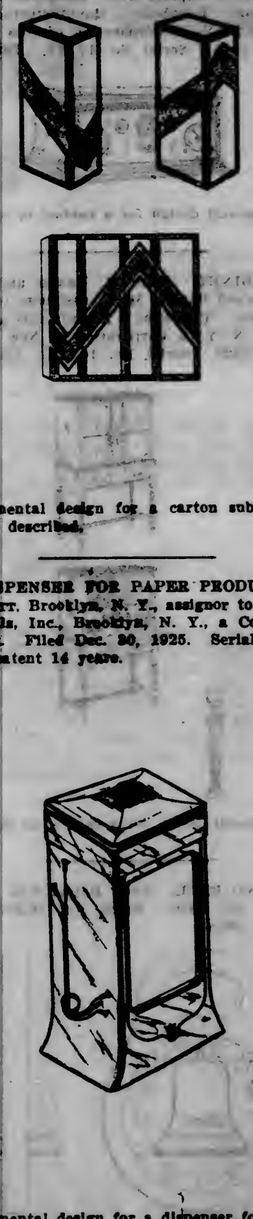
The ornamental design for an electric lighting fixture, as shown.

69,798. SHOE OR ANALOGOUS ARTICLE. LORENZO H. GILSON, Brockton, Mass., assignor to Perley E. Barbour, trading as Barbour Welting Company, Brockton, Mass. Filed Nov. 4, 1925. Serial No. 15,338. Term of patent 14 years.



The ornamental design for a shoe or analogous article, having a checkered welt strip, substantially as shown and described.

69,799. CARTON. THOMAS S. HARRIS, Lowell, Mass., assignor to The Ayer Company, Lowell, Mass., a Corporation of Massachusetts. Filed Oct. 30, 1925. Serial No. 15,296. Term of patent 14 years.



The ornamental design for a carton substantially as shown, and described.

69,800. DISPENSER FOR PAPER PRODUCTS. PAUL H. HORWITT, Brooklyn, N. Y., assignor to Independent Paper Mills, Inc., Brooklyn, N. Y., a Corporation of New York. Filed Dec. 30, 1925. Serial No. 15,908. Term of patent 14 years.

The ornamental design for a dispenser for paper products, as shown.

69,801. HEATING STOVE. GEORGE W. HOWES, Dowagiac, Mich., assignor to Beckwith Company, Dowagiac, Mich. Filed Sept. 23, 1924. Serial No. 10,772. Term of patent 14 years.



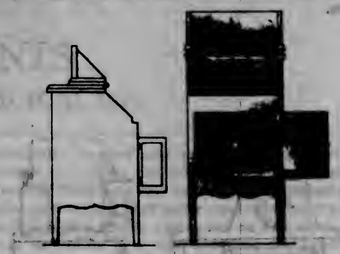
The ornamental design for a heating stove, as shown.

69,802. DESK STAND. ALVERD B. LEMON, Providence, R. I. Filed Nov. 6, 1925. Serial No. 15,370. Term of patent 3½ years.



The ornamental design for a desk stand, substantially as shown.

69,803. RADIOCABINET. WALTER LYTTON, Chicago, Ill. Filed Oct. 14, 1922. Serial No. 3,977. Term of patent 3½ years.



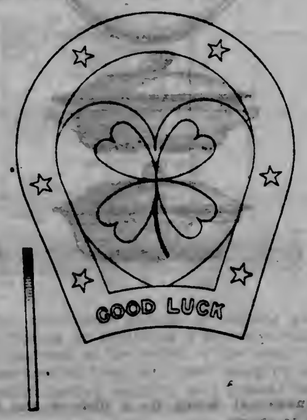
The ornamental design for a radiocabinet, as shown.

69,804. THERMOMETER. RICHARD E. MANN, New Brighton, N. Y. Filed Jan. 23, 1926. Serial No. 16,288. Term of patent 14 years.



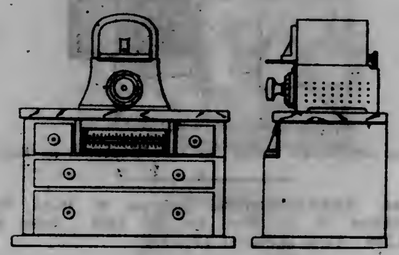
The ornamental design for a thermometer as shown.

69,805. BADGE. RICHARD D. NILSON, Denver, Colo. Filed Feb. 10, 1925. Serial No. 12,884. Term of patent 14 years.



The ornamental design for a badge, as shown.

69,806. ELECTRIC DENTAL FURNACE. FLOYD W. PEARS and FRED R. PEARS, Cleveland Heights, Ohio. Filed May 16, 1924. Serial No. 9,620. Term of patent 3½ years.



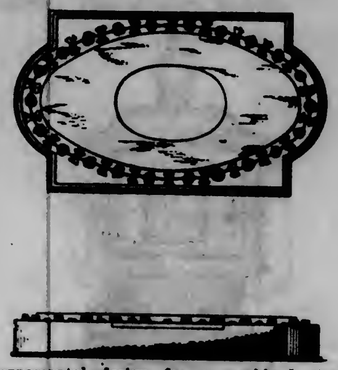
The ornamental design for an electric dental furnace, as shown.

69,807. DISH OR THE LIKE. MARC SOLON, Trenton, N. J., assignor to Mercer Pottery Company, Trenton, N. J., a Corporation of New Jersey. Filed Feb. 10, 1926. Serial No. 16,471. Term of patent 3½ years.



The ornamental design for a dish or the like, substantially as shown.

69,808. COMBINED STAND AND HOLDER FOR PERFUME BOTTLES. BLANCHE SERVENS-ARVOT, née RENEAUX, Paris, France, and CHARLES LEONE, MARCUS, New York, N. Y. Filed Dec. 12, 1924. Serial No. 11,680. Term of patent 3½ years.



The ornamental design for a combined stand and holder for perfume bottles, as shown.

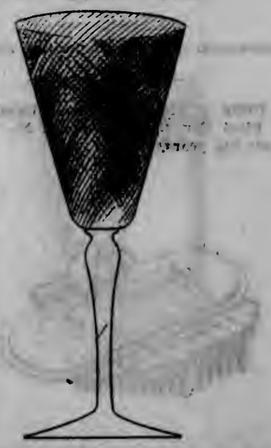
69,809. DESIGN FOR A RING OR SIMILAR ARTICLE. BERTHOLD VEIT, New York, N. Y. Filed Jan. 25, 1926. Serial No. 16,257. Term of patent 14 years.





The ornamental design for a ring or similar article, substantially as shown and described.

69,810. GOBLET OR SIMILAR ARTICLE. JULES H. VERNON, New York, N. Y. Filed Feb. 18, 1925. Serial No. 12,410. Term of patent 7 years.

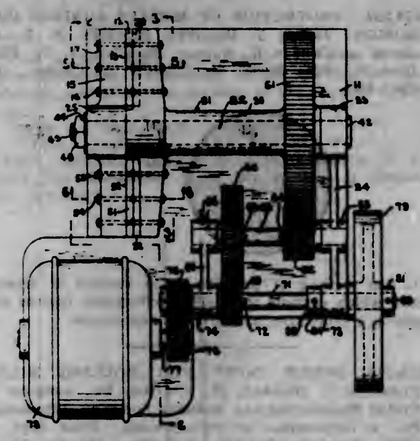


The ornamental design for a goblet or similar article, as shown and described.

PATENTS

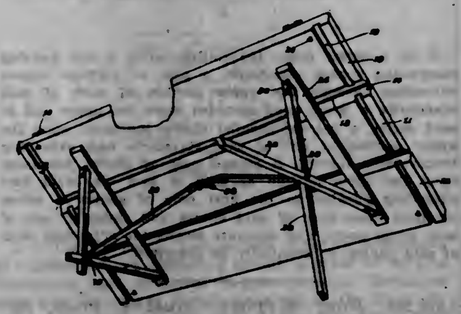
GRANTED MARCH 30, 1926.

1,578,247. METAL-CUTTING SHEARS. CARL S. ALLEN, Cincinnati, Ohio. Filed Mar. 24, 1925. Serial No. 18,046. 3 Claims. (Cl. 164—10.6.)



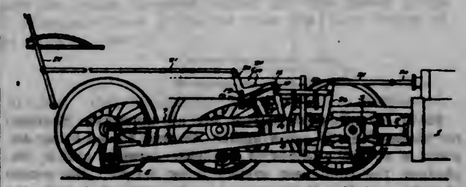
1. A metal cutting shears comprising a base, a relatively stationary cutter-blade fixed thereto, a rotatable frame comprising oppositely laterally extending arms, a cutter-blade fixed to each of said arms coacting alternately with said first-named cutter-blade, and a resistance-plate fixed to said base with which said second-named cutter-blades alternately coact, constructed and arranged whereby when one of said second-named cutter-blades coacts with said first-named cutter-blade the other of said second-named cutter-blades coats with said resistance-plate to counteract the lateral cutting strain on said oppositely extending arms.

1,578,248. COLLAPSIBLE CAMP FURNITURE. NICHOLAS ACKERMAN, Wenatchee, Wash. Filed May 29, 1924. Serial No. 716,728. 2 Claims. (Cl. 190—12.)



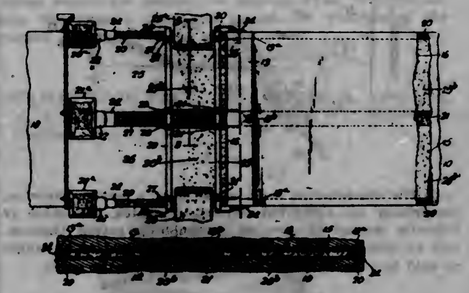
1. Convertible camp furniture including leaves hingedly connected and having aligning grooves adjacent opposite ends, end members having three marginal edge portions seated in the grooves when the outer leaves are extended vertically, headed pins carried by the outer leaves, latch plates carried by the side leaves and having portions extending therefrom and formed with notches to receive said pins and secure said outer leaves in an upright position, and a leaf movably connected to one of the outer leaves and extending over and engaging the upper edges of the end members and the opposite side leaf and provided with fastening means to engage complemental fastening means on the said opposite side leaf.

1,578,249. VALVE GEAR. JOHN H. ALTER, Conneaut, Ohio. Filed Oct. 24, 1921. Serial No. 510,135. 11 Claims. (Cl. 121—163.)



1. In a valve gear, the combination of a pair of bell cranks, a single element pivotally connected to an arm of each of said bell cranks, a reverse lever operatively connected with the other arm of one of said bell cranks, means for imparting a translatory motion to the other bell crank with respect to the pivotal connection between said element and the first mentioned bell crank, and an operative connection between the valve and the bell crank to which the translatory motion is imparted.

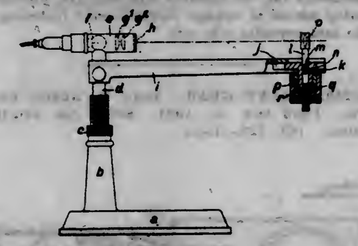
1,578,250. PROCESS OF MAKING PLASTER BOARD. MORGAN K. ARMSTRONG, Hampton, Va. Filed Dec. 12, 1921, Serial No. 521,577. Renewed July 20, 1925. 8 Claims. (Cl. 154—2.)



1. The continuous process of making plaster board, which consists of advancing a bottom covering sheet of fibrous material of the width of the board to be made; of superimposing upon said sheet along its edges ribbons of a plastic sailing mixture, said ribbons being substantially rectangular in cross-section and of predetermined width and thickness; of spreading a plastic gypsum mixture over said sheet intermediate said ribbons; of con-

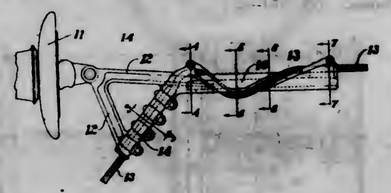
fining said gypsum mixture to prevent its overflow on said ribbons while it is being spread; of superimposing a top covering sheet of fibrous material of the same width as that of the bottom sheet on said several plastic mixtures; and of applying pressure to the full width of said top sheet to firmly adhere it to the top surface of the said several mixtures comprising the body of the board, at the same time forcing the intermediate plastic mixture laterally outward at its edges into intimate contact with the proximate edges of said ribbons.

1,578,251. ILLUMINATING DEVICE. HERMENEGILDO ARNOSA, Barcelona, Spain, assignor to Carl Zeiss, Jena, Germany. Filed July 24, 1924. Serial No. 728,982. 1 Claim. (Cl. 88—70.)



In an illuminating device for an apparatus destined for examining the eye a holder, on this holder being disposed a source of light, a condenser system and a diaphragm, the condenser system lying between the source of light and the diaphragm, an arm connected with the said holder, optical means, adapted to form a real image, an arm on which the said optical means are disposed, the diaphragm lying between the said condenser system and the said optical means and the latter being adapted to image the diaphragm into the interior of the eye, and an adjusting device fitted to the arm and admitting of displacing the said optical means vertical relatively to the arm.

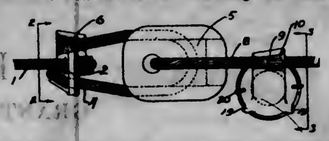
1,578,252. HOLDER FOR CABLES OR THE LIKE. ARTHUR O. AUSTIN, Barberton, Ohio, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio, a Corporation of New Jersey. Filed Mar. 1, 1923. Serial No. 621,973. 15 Claims. (Cl. 24—135.)



1. The combination with a cable, of a holder therefor, comprising an elongated bar about which the cable is helically wound to provide a snubbing action thereon, and an elongated clamping member arranged at an angle to said bar for holding the snubbed end of the cable.

1,578,253. ATTACHING MEANS FOR CABLES OR THE LIKE. ARTHUR O. AUSTIN, Barberton, Ohio, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio, a Corporation of New Jersey. Filed Mar. 12, 1923. Serial No. 624,498. 8 Claims. (Cl. 24—129.)

6. Means for holding a cable in looped formation, comprising a fitting having an attaching socket for the end of the cable and a grooved seat about which the cable may be wound, and means for retaining the cable in position in said seat, said retaining means being movable into operative position after the cable is placed in its seat.

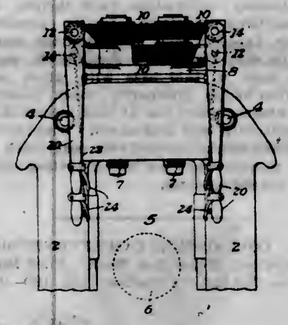


1,578,254. PROTECTION OF METALS AGAINST CORROSION. IRVING T. BENNETT, Brooklyn, N. Y., assignor to Thomas E. Murray, Brooklyn, N. Y. Filed June 26, 1924. Serial No. 722,462. 10 Claims. (Cl. 204—13.)



1. The method of protecting the surface of ferrous metal, which consists in applying chromium thereto and applying a protective layer over the chromium.

1,578,255. SCREW DOWN FOR ROLLING MILLS. FLORENCE C. BIGGERT, Jr., Crafton, Pa., assignor to United Engineering and Foundry Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Sept. 7, 1923. Serial No. 661,405. 6 Claims. (Cl. 80—56.)



1. In a screw down for rolling mills, a roll housing comprising spaced standards, a pair of vertical screws extending through the upper portion of each of said standards, a worm gear mounted upon the upper end of each screw, a pair of parallel shafts journaled upon the upper portion of one of said standards and extending transversely thereof, a second pair of shafts journaled upon the upper portion of both of said standards and extending parallel to the first pair of shafts, a worm mounted upon each of said shafts and engaging one of said worm gears, and separate means for actuating each of said shafts, substantially as described.

1,578,256. JOIST SUPPORT. JAMES S. BIRCH, Chicago, Ill. Filed Oct. 5, 1925. Serial No. 60,386. 7 Claims. (Cl. 25—131.5.)

1. A joist support for a concrete floor form, said joist support comprising a pair of angle clamps adapted to be engaged against opposite sides of the upper flange of an I-beam, said angle clamps having notches and apertures therein, and a pair of looped metal hangers, the arms of which are hooked and projected through the apertures of said angle clamps with the arms of the hangers projecting transversely across the top of the I-beam and seated in the notches of the opposite angle clamps.

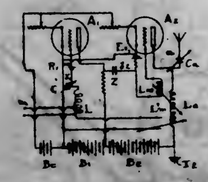


1,578,257. SPOOL. GEORGE H. BIRD, Brooklyn, N. Y. Filed July 24, 1925. Serial No. 45,801. 6 Claims. (Cl. 242—70.)



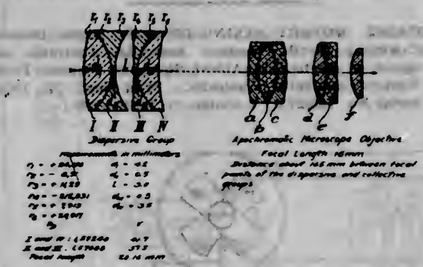
1. A spool comprising a body having an axial opening, end flanges for said body having openings coaxial with said opening in the body, a metal tube arranged in said openings, and a thimble fitted exteriorly upon each end of said tube with one of said flanges between it and said body, the ends of said tube being expanded into said thimbles to clamp said flanges against said body.

1,578,258. MEANS FOR GENERATING HIGH-FREQUENCY CURRENTS. ANDRÉ BLONDEL, Paris, and MARCEL TOULY, St.-Cloud, France. Filed May 18, 1921. Serial No. 470,598. 4 Claims. (Cl. 250—17.)



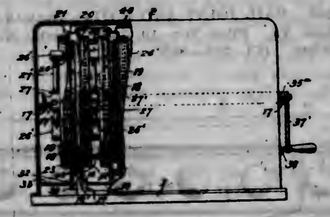
2. A high frequency vacuum tube generator comprising in combination, an oscillating circuit, a power or working thermionic unit connected thereto, a relay thermionic unit with its output circuit connected to the input circuit of the said working unit, means for retroactively coupling the input and output circuit of the first unit through the second one, of an amount sufficient to keep the system oscillating and means for varying the said amount according to the rhythm of signals.

1,578,259. GROUP OF LENSES. HANS BOEGEHOLD, Jena, Germany, assignor to the Firm of Carl Zeiss, Jena, Germany. Filed Aug. 8, 1921. Serial No. 490,725. 1 Claim. (Cl. 88—57.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



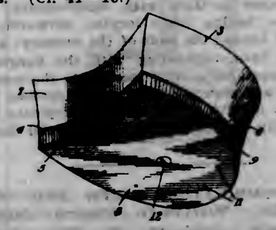
An objective system for producing minutely reduced photographs, composed of a group of lenses consisting of two dispersive members separated from one another, each member comprising at least two lenses, of which the one is dispersive while the other is collective, and a collective group, disposed behind the first-named group at a distance from it greater than the focal length of the collective group.

1,578,260. CALCULATING MECHANISM. EDWARD J. BRANDT, Watertown, Wis., assignor to Brandt Automatic Cashier Company, Watertown, Wis. Filed Apr. 19, 1919. Serial No. 291,208. 10 Claims. (Cl. 235—144.)



1. A machine of the character described comprising a shaft, an adding wheel rotatably mounted on the shaft, a friction disc secured to the shaft, spring controlled plungers adapted to exert their effective pressure at separated points for forcing the adding wheel into contact with the friction disc, and means for overcoming the friction and rotating the adding wheel.

1,578,261. SHOE HEEL. JOHN H. BURGER, Evergreen, N. Y. Filed Sept. 26, 1925. Serial No. 58,694. 4 Claims. (Cl. 41—10.)



1. A shoe heel of the character disclosed, comprising a turned one piece wooden heel of the full finished heel height having a groove about the side of the same positioned above the bottom of the block a distance approxi-

mately equal to the thickness of a top lift, said one piece heel block being painted above the groove to resemble a covered wooden heel and below the groove to resemble a top lift attached to a covered wooden heel.

1,578,262. ROTARY MIXING DEVICE. HENRY GORDON CAMPBELL, Perth, Western Australia, Australia, assignor of one-half to Alfred Stephens, Victoria Park, Western Australia, Australia. Filed Sept. 27, 1924. Serial No. 740,214. 1 Claim. (Cl. 48—180.)



A rotary mixing device for internal combustion engines comprising a split sleeve adapted to be accommodated in the intake manifold, a standard extending inwardly radially from said sleeve opposite the split thereof, said standard having an enlarged end situated axially of the sleeve, a headed stud carried by said enlarged portion of the standard at each end thereof, and a propeller mounted on each stud, said propellers being constructed to rotate in opposite directions under the influence of a current passing through the sleeve.

1,578,263. RAIL JOINT AND RAIL. THOMAS M. CATE, Norfolk, Va. Filed Nov. 10, 1925. Serial No. 68,182. 3 Claims. (Cl. 238—176.)



1. A pair of rails comprising balls, webs, and flanges, the balls, the webs and the flanges of both rails being cut away at opposite sides of the rails to form shoulders which are inclined longitudinally of the rails, to form an inclined end surface in each rail, cooperating with the shoulder of the other rail, and to form overlapped longitudinal extensions in the rails, those portions of the webs which are located in the extensions being provided upon their inner surfaces with complemental recesses, and the webs having seats located outwardly of the shoulders and beyond the ends of the recesses; a member comprising a base cooperating with the flanges of the rails, and an upstanding wing received in the recesses and in the seats; and securing elements connecting the webs and the wing, certain of the securing elements being located outwardly of the shoulders, and beyond the ends of the recesses.

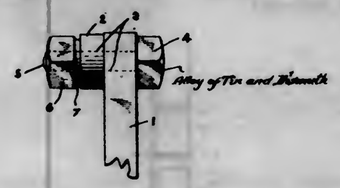
1,578,264. COMBINATION KNIFE AND SCISSORS SHARPENER. WILLIAM H. CHURCH, Calgary, Alberta, Canada. Filed Apr. 28, 1924. Serial No. 709,694. 2 Claims. (Cl. 76—87.)

1. In a blade sharpener, a base provided with opposing side wings, a cross shaft carried by the wings, a set of similar spaced sharpening discs rotatably mounted on the shaft, a rocker member carried by the base, a cross shaft shiftable with the rocker member and movable towards or away from the former shaft, means for holding the



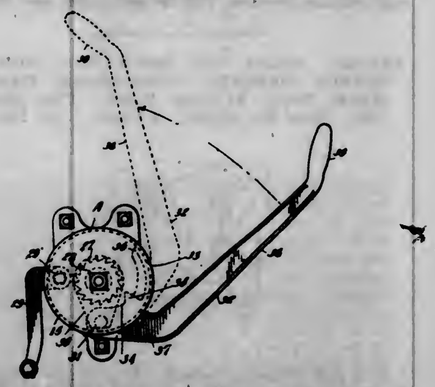
rocker member in any adjusted position and a plurality of similar suitably spaced sharpening discs carried by the shiftable shaft and alternated with the former discs.

1,578,265. CONNECTING CONSTRUCTION FOR BATTERIES AND THE LIKE. THEODORE S. COLE, New Haven, Conn., assignor to Safety Car Heating & Lighting Company, a Corporation of New Jersey. Filed Jan. 14, 1922. Serial No. 529,120. 5 Claims. (Cl. 173—259.)



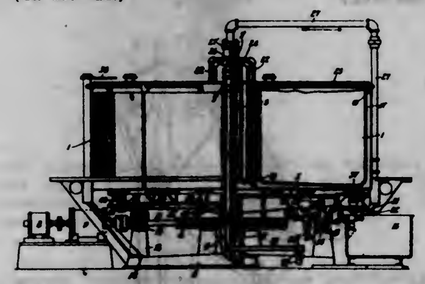
1. In an apparatus of the general nature of that herein described, in combination, a terminal connecting device for connecting adjacent leaden members of different material from such members and of substantially the same potential relative to acid as lead, said device being formed of an alloy of tin and bismuth.

1,578,266. HAND BRAKE FOR RAILWAY CARS. CHARLES E. DATH, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed June 27, 1924. Serial No. 722,756. 3 Claims. (Cl. 74—114.)



1. In a construction of the character described, the combination with a railway car having side and end walls, there being obstructions along said side wall such as steam pipes, said end wall being equipped with a hand brake of the inside and outside type and comprising a rotatable shaft extending through said wall and being provided with a winding drum, and ratchet wheels adjacent the inner and outer ends of said rotatable member, said ratchet wheels being movable in a clockwise direction with reference to said side wall to wind the brake chain on said drum, said brake being provided with inner and outer housings having openings on their under sides to permit access to said ratchet wheels; of a depending lever arranged at the outer side of said end wall and having pawl means adapted to rotate said ratchet wheel to wind said brake chain when moved in a direction toward the plane of said side wall; and a continuous lever on the inside of said car, extending through the opening at the bottom of the inside housing, said lever being inclined upwardly between the side wall and adjacent housing to clear the obstructions on the side walls, said lever being accessible above said housing and having pawl means associated therewith adapted to rotate the inside ratchet wheel to wind the chain when the lever is moved in a direction away from the plane of said side wall.

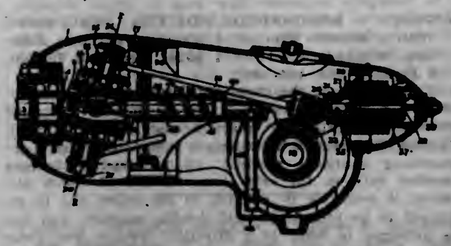
1,578,267. PASTEURIZING APPARATUS. ALBERT J. DAVIS, New York, N. Y. Original application filed June 29, 1925, Serial No. 40,135. Divided and this application filed Nov. 24, 1925. Serial No. 71,206. 12 Claims. (Cl. 137—21.)



1. In apparatus for pasteurizing milk, the combination of a plurality of movable holders each provided with a milk receiver and means for conveying the milk from said receiver to the lower portion of the holder, and a stationary cover for said receivers having means for admitting milk to said receivers while the cover is in position with respect to said holders.

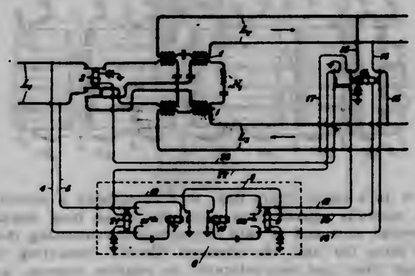
7. The combination of a liquid holder having an outlet valve, a sterilising device having a valve, means for producing a relative movement between said holder and sterilising device whereby said outlet valve and sterilising device are moved into and out of register with each other, and automatic means for opening said sterilizer valve when said outlet valve and said sterilising device are in register with each other.

1,578,268. VARIABLE SPEED TRANSMISSION. DIMITRI SENSAUD DE LAVAUD, Paris, France. Filed Jan. 21, 1924. Serial No. 687,672. 8 Claims. (Cl. 74—53.)



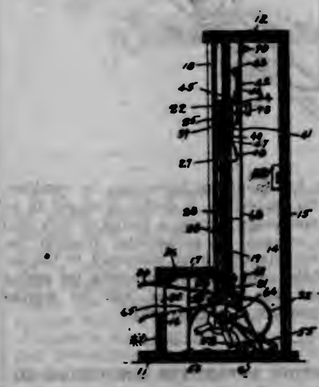
2. In a variable speed transmission, a driving shaft, an oscillating member supported on said driving shaft and longitudinally movable thereon, means co-operating with the driving shaft adapted upon the longitudinal movement of the oscillating member upon the driving shaft to change the axis of oscillation thereof, and elastic means opposing the longitudinal movement of said oscillating member.

1,578,269. SIGNALING ARRANGEMENT FOR FOUR-WIRE CIRCUITS. CHARLES S. DEMAREST, Ridgewood, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Jan. 19, 1924. Serial No. 687,377. 1 Claim. (Cl. 179—4.)



A transmission system comprising a terminal two-way line, a hybrid coil and an artificial line associated with said line, a cut-off relay for opening said line and said artificial line, two one-way lines for transmission in opposite directions associated with said terminal line by said hybrid coil, a composite ringer, means for connecting one branch of said ringer with said terminal two-way line, switching means associated with said two one-way lines for connecting the other section of said ringer with either of said one-way lines means controlled by said ringer for operating said switching means, and means controlled by said switching means and by said ringer for operating said cut-off relay.

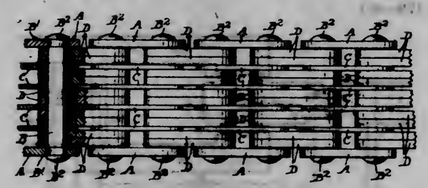
1,578,270. VENDING MACHINE. LOUIS J. DISSER, Sr., Ferguson, Mo. Filed Apr. 26, 1924, Serial No. 709,306. Renewed Aug. 20, 1925. 7 Claims. (Cl. 194—1.)



1. A vending machine comprising a cabinet, a plate having visible spaced apart receiving and discharging coin passages, a curved passage connecting said passages at their upper ends, a pocket formed in said plate between the receiving and discharging passages and communicating with the curved passage to the side of its center adjacent the discharge passage, means for pro-

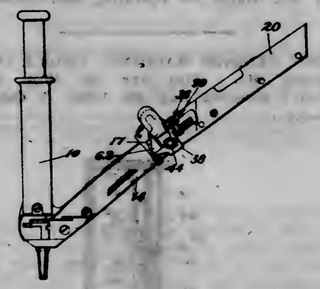
jecting a coin through certain of said passages, a coin receptacle located beneath the discharge passage, and means for rocking said coin receptacle for discharging the coin therefrom.

1,578,271. NOISELESS CHAIN. RAYMOND W. DULL, Chicago, Ill., and FRANK J. OAKES, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 30, 1924. Serial No. 689,421. 9 Claims. (Cl. 74—32.)



8. In a chain, chain links each comprising a plurality of laterally spaced link elements, cross pins passing through each end of said elements and connecting them to form the link, the elements directly contacting the cross pins, and non-rotatable in relation thereto, and means for connecting said links comprising link sections mounted upon and rotatable about and in direct engagement with said pins, said rotatable elements being substantially thicker than said non-rotatable elements at their points of engagement with said pins.

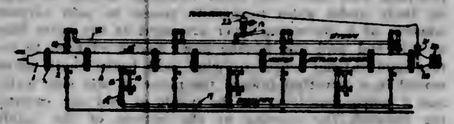
1,578,272. FASTENER-SUPPLYING DEVICE. RENÉ E. DUPLESSIS, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Feb. 26, 1921. Serial No. 447,997. 20 Claims. (Cl. 1—49.5.)



1. In a device for supplying fastenings, in combination, a raceway for fastenings, a detent arranged to be rocked to retain fastenings therein, a spring to rock said detent into the raceway, a pin-and-slot fulcrum for the detent, and an actuating lever connected to the detent by a pin-and-slot connection for allowing the spring to rock the detent into the raceway, and for moving the detent longitudinally of the raceway.

1,578,273. TREATING APPARATUS FOR CRUDE OIL. HARRY L. EDWARDS, Houston, Tex., assignor, by direct and mesne assignments, of one-half to G. H. L. Kent, Houston, Tex., and of one-sixth to Ray Richmond, Corsicana, Tex. Filed Mar. 29, 1924. Serial No. 702,803. 4 Claims. (Cl. 196—5.)

2. In a dehydrator for crude oil, an approximately horizontal oil conducting pipe, heating sections therein, said sections being closed transversely except for oil tubes extending longitudinally therethrough, a pipe for heating fluid connected to said sections, other sections



between said heating sections being unobstructed to allow settling out of the water and having liquid outlets on the lower side thereof.

1,578,274. METHOD OF TREATING PARTICLES OF MATTER. BYRON E. ELDRED, Great Neck, and ROBERT N. GRAHAM, Long Island City, N. Y., assignors, by direct and mesne assignments, to National Carbon Company, Inc., a Corporation of New York. Filed Mar. 10, 1922. Serial No. 542,766. 7 Claims. (Cl. 209—164.)

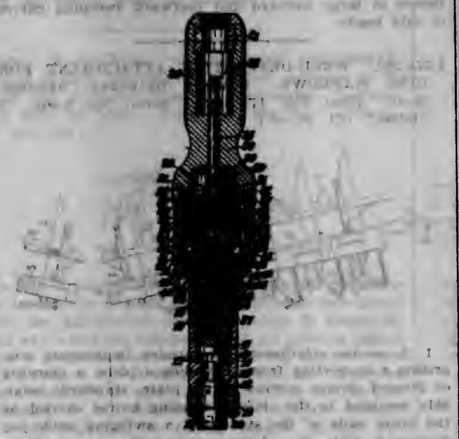


3. The process of separating carbonaceous material from a comminuted mixture containing such material and non-carbonaceous matter, which process consists in effecting a flotation of the carbonaceous material in a liquid and free of the particles of non-carbonaceous matter substantially wholly by means of a gas initially carried by the particles of carbonaceous material and a normal constituent thereof and developed in bubble form upon the carbonaceous particles.

1,578,275. MECHANICALLY-DRIVEN PERCUSSIVE TOOL. ROBERT WILLIAM JOHNSTON FLETCHER, Edinburg, Scotland. Filed Dec. 4, 1924. Serial No. 754,001. 4 Claims. (Cl. 125—33.)

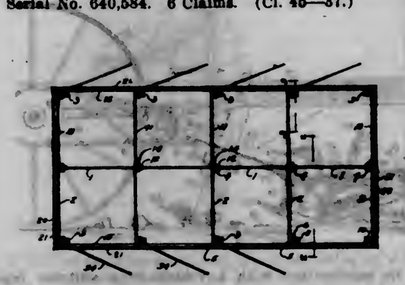
1. In a tool of the character described, the combination of a casing, a rotatable driving member journaled therein, a reciprocatory driven member capable of longitudinal movement in the casing, a cam element and a co-operating abutment element, an anti-friction bearing member between the said elements, one of which elements is rotatable in relation to the other, and is arranged to be rotated by said driving member, and one is arranged to move in a direction towards and away from the other and to reciprocate said driven member, which bearing member is permitted a controlled translatory movement between said elements relatively to said

driving and driven members in the same direction as and also in the opposite direction to that of the rotary movement of the movable element, and stops fixed on one of



said elements and arranged to limit the movement of said bearing member in each direction of travel whilst permitting it to move bodily between the stops in relation to said elements, substantially as described.

1,578,276. SHEET-METAL CABINET AND LOCKER. EDWARD FOOSE, Washington, D. C. Filed May 21, 1923. Serial No. 640,584. 6 Claims. (Cl. 45—87.)



3. A sheet metal structure comprising integral wall elements, each of said wall elements composed of a back, a side and a stile, said side being approximately at a right angle to the back, said stile being approximately at a right angle to the side, an offset portion formed parallel with and along one edge of back, said portion being offset for a distance equal to the thickness of the sheet metal forming the back whereby adjoining back walls are alined, and means for securing one wall element to an adjoining wall element for forming compartments.

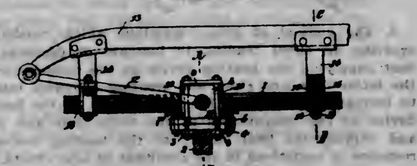
1,578,277. WINDOW SCREEN. CHARLES F. GRECKSCHTEIN, Washington, D. C. Filed Feb. 12, 1924. Serial No. 692,414. 1 Claim. (Cl. 156—14.)

The combination with a screen frame having a pair of slots in each side stile, of an attachment to be placed in each of said slots, said attachment comprising a housing having a slot in each of its side walls, a leaf spring within the housing and secured at one end to the housing, depending flanges at the free end of the spring, a roller secured between said flanges, said spring normally holding the roller within the housing, said roller being



adapted to be projected through one of said slots of the housing, a cam slidably mounted in the other of the slots of the housing and adapted to slidably engage the said spring and project the said roller through one of the slots of the housing.

1,578,278. SPRING-SUSPENSION ARRANGEMENT MORE PARTICULARLY FOR POWER-DRIVEN VEHICLES. LEOPOLD GEYM, Vienna, Austria, assignor to Edgar Tafler & Company, Vienna, Austria. Filed Sept. 5, 1923. Serial No. 661,079. 5 Claims. (Cl. 267—56.)

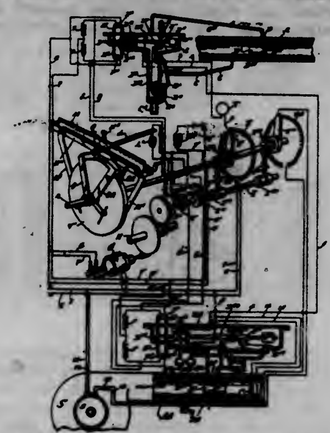


1. In a spring suspension arrangement particularly for power driven vehicles a number of loosely superimposed plate springs fastened in a clamping member arranged on the axle of the vehicle, so that the springs can be made stronger or weaker by adding or taking away single plate springs said springs being all of equal length, the clamping member being connected by means of rods with the vehicle frame resting loosely by means of supports upon the ends of all of the springs, and said rods permitting the axle to have the required perpendicular movement in relation to the frame of the vehicle.

1,578,279. MEASURING AND CONTROL APPARATUS. GEORGE HERBERT GIBSON, Montclair, N. J. Filed Jan. 8, 1920. Serial No. 349,303. 10 Claims. (Cl. 236—1.)

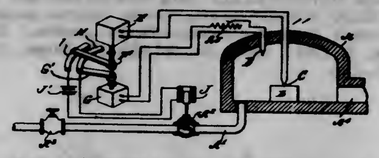
1. The combination with a measuring instrument comprising a swinging arm, of a relay mechanism comprising a pair of members automatically actuated to move toward and away from each other and from the neutral

position of said arm and one or the other engaging said arm in such movement if the latter is displaced from its neutral position in one direction or the other, and



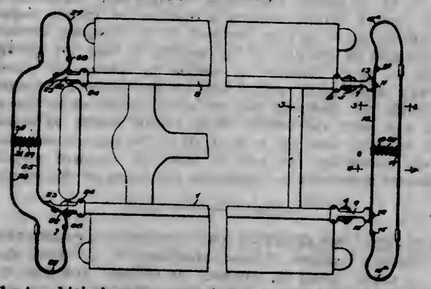
mechanism adjusted in one direction on such engagement of the arm by one member and in the opposite direction when said arm is engaged by the other member.

1,578,280. HEATER REGULATION. GEORGE HERBERT GIBSON, Montclair, N. J. Filed Feb. 6, 1920. Serial No. 356,778. 19 Claims. (Cl. 236—70.)



1. The method of heat regulation which consists in creating an effect tending to increase or decrease the heat supply to the heating device as the temperature of the latter falls and rises, and creating an effect tending to increase and decrease the heat supply to the heating device as the temperature of the work falls and rises, and varying the heat supply to the heating device in response to variations in the resultant of said effects.

1,578,281. COLLISION SHOCK ABSORBER. BERT D. GILSON, Chicago, Ill. Filed Feb. 21, 1925. Serial No. 10,760. 6 Claims. (Cl. 293—55.)



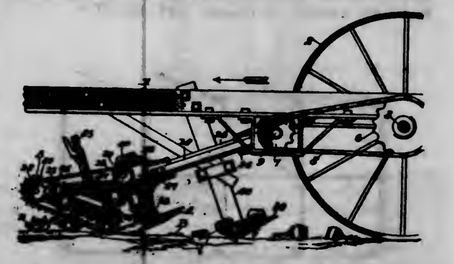
1. A vehicle bumper comprising a pair of brackets perforated at each end for attachment to the vehicle, clips on said brackets intermediate their ends, a cross bar clamped in said clips, said bar terminating adjacent to said clips in perforated heads, a flexible impact member formed with similar perforated heads at the ends, pivots seated in said perforations, said impact member comprising a straight portion extending in parallel spaced relation to and the full length of said bar, and continuing thence in large outward and rearward sweeping curves to said heads.

1,578,282. WEED-DESTROYING ATTACHMENT FOR DISK HARROWS. GUSTAVE GRIMSRUD, Antelope, Mont. Filed Feb. 17, 1925. Serial No. 9,862. 7 Claims. (Cl. 97—9.)



1. A weeder attachment for farming implements comprising a supporting frame including a plate, a plurality of pivoted clamps carried by the plate, standards rotatably mounted in the clamps, weeding knives carried by the lower ends of the standards, a swinging guide bar connected with the plate engaging the standards, a radially extending arm connected with each standard, a bolt extending through the arm carried by the guide plate, spring means coiled about the bolts engaging the arms, and means for simultaneously sliding the bolts on said arms toward and away from the standards.

1,578,283. BEET TOPPER. ERVIN J. HAMMER, Miller City, Ohio. Filed Feb. 29, 1924. Serial No. 696,024. 7 Claims. (Cl. 55—107.)

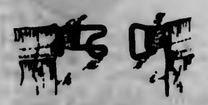


1. In combination with a vehicle of a suitable type having a drive shaft, a beet topper having means including a tubing by which it is affixed to the vehicle, a topping disk, means by which it is driven from the drive shaft, said means including a line shaft occupying said tubing and constituting the source of power of said topper and gauge means contacting the ground and beets in advance of the disk to support the disk in a cutting position.

4. In combination with a suitable vehicle having a driving member and a frame, a bearing structure removably attached to the frame, transmission mechanism including a housing having bushings resting in the bearing structure for vertical swinging, means by which the driving member drives the transmission mechanism, and a beet topper mechanism including a housing containing topper driving means, a tubular member by which the housing is extended from the transmission mechanism, and an element contained by said tubular member transferring power from the transmission mechanism to said driving means.

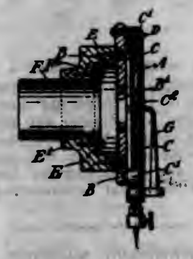
5. A beet topper comprising a gear housing, a fixed frame extending therefrom, a frame movably mounted upon the fixed frame, a topping disk carried by the housing, gearing in said housing operating the disk, means constituting a belt carried by the movable frame contacting the ground and driven by said gearing, and means to adjust the movable frame in respect to the fixed frame to vary the cutting plane of the disk.

1,578,284. FASTENING MEANS FOR GARMENTS. THOMAS HARDY, Manchester, England, assignor to T. Hardy and Company Limited, Manchester, England. Filed Mar. 10, 1924. Serial No. 698,070. 1 Claim. (Cl. 24—228.)



As a new article of manufacture detachable fastening means for aprons and the like formed from two pieces of wire, the mid portion of one of which is shaped to form an eye, while the mid portion of the other is shaped to form a complemental hook, and having the free ends of both pieces of wire overlapped, parallel and in spaced relation relatively to each other, providing a free passage leading to the interior of each member whereby a garment loop may be readily slipped through the passage, hereby quickly attaching or detaching the fastening to or from the garment.

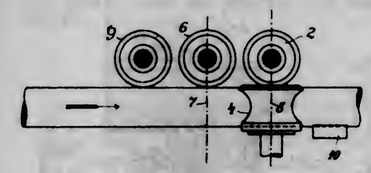
1,578,285. SOUND BOX FOR TALKING MACHINES. MAURICE ARTHUR HARDYMAN, Charlton, London, England, assignor to John Harling Bailey, London, England. Filed Apr. 11, 1922. Serial No. 551,653. 2 Claims. (Cl. 274—25.)



2. In a talking-machine sound-box the combination of a diaphragm, a back-plate behind the diaphragm having in it an opening for passage of sound emanating from the diaphragm, a tubular tone-arm socket whose sound inlet is disposed opposite the opening in the back-plate, and a hollow cavity-member of wood interposed between the back-plate and the tone-arm socket so as to provide a sound cavity behind the back-plate and between it and the tone-arm socket-inlet, the interior of which cavity member is so dimensioned that the cavity is substantially equal in diameter to the operative portion of the diaphragm and substantially equal in depth to three times the depth of the space between the diaphragm and the back-plate, substantially as described.

1,578,286. PRODUCING PIPES BY ELECTRICALLY WELDING. JOHANN HARMATTA, Budapest, Hungary. Filed Aug. 15, 1924. Serial No. 732,188. 5 Claims. (Cl. 219—4.)

1. The herein described method of manufacturing electrically welded pipes in continuous operation, which consists in conducting the current from an electrode-roller provided outside the pipe and touching the two edges to be welded together to two electrode-rollers provided one on either side of the pipe to be manufactured, said



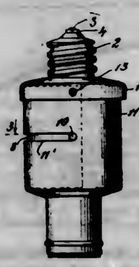
two rollers being displaced in the longitudinal direction of the pipe with respect to the first mentioned electrode-roller and pressing together said two edges of the welding seam.

1,578,287. ELECTRODE FOR JET-WAVE COMMUTATORS AND INTERRUPTERS. JULIUS FREDERIK GEORG POUL HARTMANN, Copenhagen, Denmark. Filed May 19, 1925. Serial No. 31,350. 6 Claims. (Cl. 175—363.)



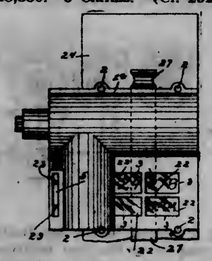
4. An electric jet-wave commutator, comprising means for producing a conductive jet-wave, an electrode adapted to be in constant touch with the said jet-wave during its motions, and a double-electrode, the two sides of which are adapted to be alternately connected with the first named electrode through said jet-wave, the innermost part of each side of said double-electrode consisting of at least one conductive liquid jet, the said double-electrode being so arranged that the interruption between the jet-wave and each side of the said double-electrode takes place at said liquid jet.

1,578,288. LAMP-SOCKET ATTACHMENT DEVICE. CLINTON W. HOUGH, Boonville, N. Y., assignor, by mesne assignments, to Wired Radio Inc., New York, N. Y., a Corporation of Delaware. Filed Sept. 27, 1922. Serial No. 590,797. 12 Claims. (Cl. 250—41.)



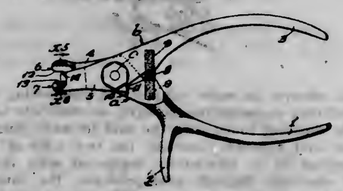
1. In a lamp socket attachment device, a plug adapted to be inserted in a lamp socket, a multi-plate, variable condenser, having at least one plate electrically connected with said plug, said plug and condenser being combined to form a rigid, self-contained unitary structure.

1,578,289. CHECK-PROTECTING DEVICE. CLARENCE R. MARTINEAU, Albany, N. Y. Filed May 6, 1925. Serial No. 28,330. 5 Claims. (Cl. 292—287.)



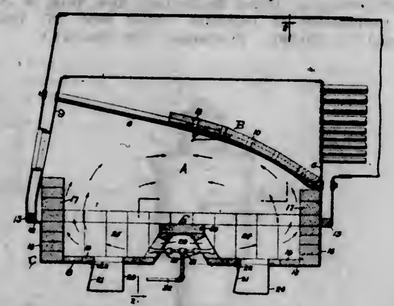
1. In a device of the class described, and in combination, an enclosure provided with an inspection opening, and with an inlet passageway and an outlet passageway at opposite ends of a path for a check through the enclosure past said inspection opening; check-feeding and mutilating means operable in one direction only in said path of the check; and means within the enclosure automatically moved by the movement of the check-feeding mechanism to obstruct said inlet passageway.

1,578,290. SAFETY FRUIT CLIPPER. GUILFORD W. SHORT, Pomona, Calif. Filed Dec. 11, 1922. Serial No. 606,274. 2 Claims. (Cl. 30—24.)



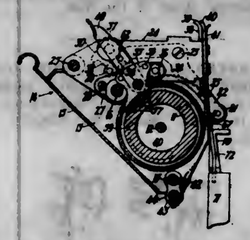
1. A pair of fruit clippers of the character described having jaws the free ends of which are offset and terminate in a semi-spheroidal bump flattened on one side.

1,578,291. FURNACE. CHESTER A. SIEGEL, Arlington, N. J., assignor to American Arch Company, a Corporation of Delaware. Filed Aug. 2, 1921. Serial No. 489,328. 7 Claims. (Cl. 158—8.)



1. In a locomotive furnace, the combination of a fire arch extending from one end of the fire box toward the other; a fire pan for said fire box with a flash wall at either end thereof; and burners in said fire pan directed fore and aft toward said flash walls, so that their fuel streams shall be retroverted by said flash walls and meet in the upper portion of the combustion chamber defined by said fire arch.

1,578,292. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 9, 1923, Serial No. 623,824. Renewed May 1, 1925. 16 Claims. (Cl. 197—135.)



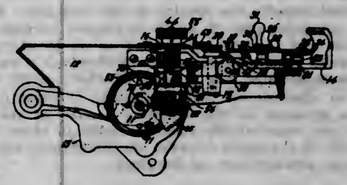
1. In a typewriting machine, a platen, means to rotate the platen, means to predetermine the position to which the platen is rotated, feed-rolls to run on the platen, and feed-roll cast-off means rendered effective at the conclusion of the rotation of the platen to said predetermined position by said rotating means.

1,578,293. TRIMMING MACHINE. CHARLES B. SPALSBURY, St. Louis, Mo., assignor to Johnson, Stephens and Shinkle Shoe Company, St. Louis, Mo., a Corporation of Missouri. Filed Jan. 9, 1924. Serial No. 685,115. 26 Claims. (164—47.)



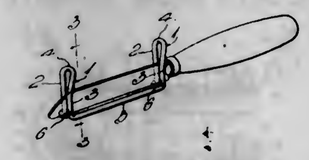
1. A trimming machine comprising a downwardly extending frame part, a stationary cutting block secured to the lower end of the frame part and having an extended cutting edge, an actuator extending downwardly toward and terminating above said block, a knife attached to said actuator between said cutting block and said frame part, and mechanism for operating said actuator to impart horizontal reciprocating movements to said knife.

1,578,294. TYPEWRITING MACHINE. BURNHAM C. STICKNEY, Rutherford, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 14, 1923, Serial No. 662,609. Renewed Aug. 15, 1925. 47 Claims. (Cl. 197—114.)



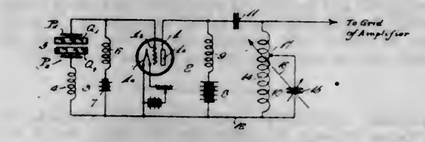
1. In a typewriting machine, in combination, a revoluble platen and line-spacing mechanism therefor, comprising a line-space lever, a horizontal rack on the line-space lever, and a pinion in mesh with the rack, the pinion being mounted for rotation about a vertical axis and having teeth of sufficient length to permit case shifting of the pinion relatively to the rack without disengaging the rack and pinion.

1,578,295. KNIFE GUARD. VIRGIL D. SWIHART, Chicago, Ill. Filed Dec. 29, 1924. Serial No. 758,758. 3 Claims. (Cl. 30—20.)



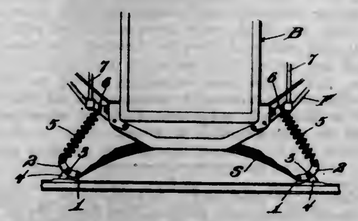
1. A knife guard comprising a pair of spaced arches adapted to straddle and yieldingly grip the front and rear ends of a knife blade with their crowns disposed at the back of said blade, said arches being of a length substantially double the width of the blade with which the guard is used, the halves of said arches adjacent their crowns being wider than the thickness of the blade to free the latter when moved into said halves, and a straight guard bar for parallel disposition with respect to the blade, the ends of said bar being jointed to two of the legs of said arches, the other two legs being free.

1,578,296. MULTIFREQUENCY CRYSTAL-CONTROLLED OSCILLATOR. ALBERT H. TAYLOR, Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y., a Corporation of Delaware. Filed Oct. 2, 1925. Serial No. 60,065. 10 Claims. (Cl. 250—36.)



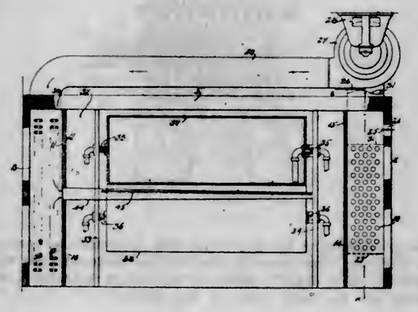
7. In a frequency control or stabilizing system a multiplicity of piezo electric crystals of different frequency characteristics and means for selectively sustaining the oscillations of any one of said crystals at its characteristic frequency.

1,578,297. VEHICLE SPRING. JESSE A. TIDMORE, Bellamy, Ala. Filed Sept. 11, 1924. Serial No. 737,133. 6 Claims. (Cl. 267—17.)



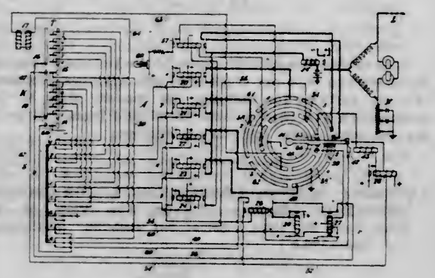
1. In combination with the body of a vehicle and an axle therebeneath, a cross spring carried by the body, upstanding brackets carried by the axle, levers pivotally supported substantially midway their ends by the brackets, the extremities of the spring being secured to the inner ends of the levers, and retractile coil springs secured to the opposite end portions of the levers and to the side portions of the body.

1,578,298. PROCESS OF AND APPARATUS FOR DRYING FABRIC WEBS. JOSEPH H. WALSH, Boston, Mass., assignor to Johns-Manville, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 14, 1922. Serial No. 552,723. 15 Claims. (Cl. 34—48.)



1. That process of drying webs of textile fabric which comprises passing such a web through a heat insulated housing and during its passage alternately subjecting the web to the drying action of a blast of heated gaseous fluid of substantially uniform intensity transversely of the web and to that of a heated solid with which the web is caused directly to contact.

1,578,299. PRINTING-TELEGRAPH SYSTEM. GILBERT S. VERNAM, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Original application filed June 10, 1918, Serial No. 239,257. Divided and this application filed Mar. 28, 1922. Serial No. 547,592. 11 Claims. (Cl. 179—23.)

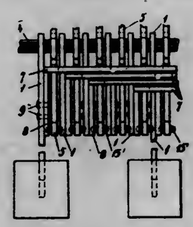


1. In a signaling apparatus, an intermittently operating distributor, means to set said distributor into operation, means responsive to all received impulses of a group regardless of their character, and a relay energized when the last impulse of a group is of one character only, said first mentioned means being under the joint control of said responsive means and said relay.

1,578,300. TYPEWRITER. KAREL VONDRA, Kysperk nad Orlici, Czechoslovakia. Filed Nov. 17, 1924. Serial No. 750,379. 2 Claims. (Cl. 197—11.)

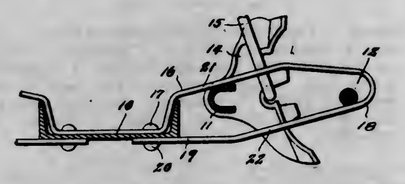
1. In a typewriter, a shaft, a plurality of type control levers arranged on said shaft, key levers arranged on said shaft alternately with the type control levers, a thrust member connected to each type control lever so as to cooperate with adjacent key-levers for operating

the type control lever, each thrust member being arranged so as to require the depression of both key levers adjacent to it for operating its type control lever, bridge



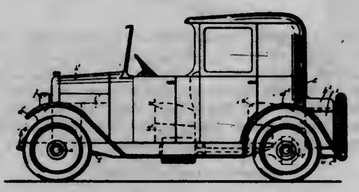
pieces connecting the key levers into intermeshing groups so that any type control lever can be operated by a depression of a definite group of key levers, and an actuating key for each group of key levers.

1,578,301. BRAKE-BEAM SUPPORT AND SAFETY DEVICE. EDWARD T. WALKER, Chicago, Ill., assignor to Chicago Railway Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 12, 1924. Serial No. 737,252. 12 Claims. (Cl. 188—210.)



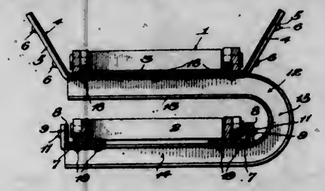
1. A safety support and guide for brake beams adapted to be secured to a car truck part and having a plurality of track portions for engaging the opposite sides of the compression and tension members of said beam and guiding the latter in its operative movements.

1,578,302. CHASSIS CONSTRUCTION FOR MOTOR VEHICLES. MAURICE WALTER, New York, N. Y. Filed June 21, 1923. Serial No. 646,736. 5 Claims. (Cl. 280—106.5.)



1. In motor vehicle frame construction, longitudinal side frame members, a storage battery support connecting the front ends of said side members, a storage battery support secured to the rear ends of said side members, and means secured to the supports for supporting the frame from the axles.

1,578,303. APPARATUS FOR USE IN THE CONSTRUCTION OF FRAMEWORK SUPPORTS FOR CONVEYERS. RAYMOND A. WALTER, New York, N. Y., and WALTER M. DAKE, Franklin, Pa. Filed Feb. 4, 1924. Serial No. 690,513. 8 Claims. (Cl. 198—1.)



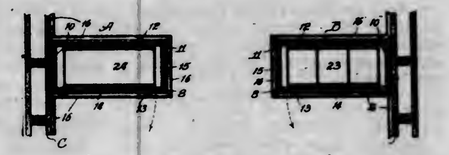
1. In a conveyer framework, an upper supporting platform, lower supporting guides, and supports therefor comprising unitary structures having horizontally disposed arms.

1,578,304. FERRULE. WILLIAM WERNER, Corsicana, Tex., assignor to Mexia Planing Mill Company, Mexia, Tex., a Corporation of Texas. Filed May 21, 1924. Serial No. 714,987. 6 Claims. (Cl. 16—109.)



6. A clamping ferrule in the form of a split band provided near one edge with tongues formed by partially cutting out and bending up portions of said bands transversely thereof, said bands having openings on the other edge to receive said tongues, and spirally disposed internal ribs on said bands for the purpose as described.

1,578,305. BUILT-IN CHINA CLOSET. CHARLES C. WHITE, Chicago, Ill. Filed Dec. 19, 1921. Serial No. 523,358. 1 Claim. (Cl. 20—1.11.)

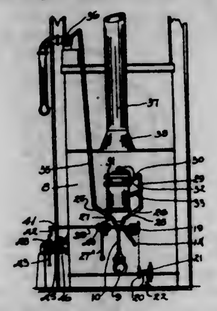


The combination with a built-in wall having a baseboard, of a china closet consisting of a factory-built unit having relatively narrow ends and wide sides and a closed top, one of the ends being unfinished and fitting against said wall, and the other finished, the sides being finished and one of them having a door with a window therein, and a base-board extending around the finished ends and sides, forming a continuation of the baseboard of the wall, the closet forming, when secured against the wall, a built-in structure.

1,578,306. WATER-GAS APPARATUS. HERBERT WOOD, Mortlake, near Sydney, New South Wales, Australia. Filed Nov. 14, 1922. Serial No. 600,936. 2 Claims. (Cl. 48—83.)

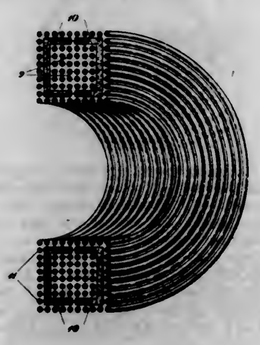
1. Water gas apparatus including a water gas generator having an air blast valve, a steam admission valve, a stack valve and a gas outlet valve; in combination, operating mechanism comprising a manually controlled shaft, a pinion on the shaft, a rack operated by the pinion, said rack directly controlling the air blast valve and controlling the steam, stack and gas outlet valves through pivotally connected rods connected to the rack,

said shaft having an extension, ash extractor rolls having interengaging gears, a gear wheel engaging certain of said interengaging gears, to operate the ash extractor rolls, a crank arm on said shaft extension; a pair of pivotally



interconnected rods, one pivotally connected to said crank arm and the other to the shaft of said gear wheel, and a pawl, to rotate said gear wheel, said pawl being connected to one of said last named pair of rods.

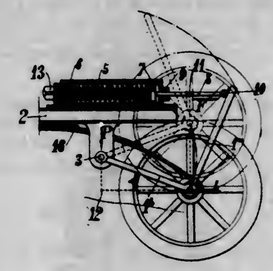
1,578,307. INDUCTANCE COIL. MANUEL K. ZINN, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Aug. 8, 1925. Serial No. 49,127. 10 Claims. (Cl. 175—356.)



1. A coiled bundle of wire forming an annulus in which electric currents in individual coils of wire flow circumferentially with respect to the annulus, a core comprising a casing of magnetic material in the general form of a hollow ring surrounding and enclosing the annular bundle of wire, and an outer layer of wires surrounding the core and so wrapped with respect thereto that the current flowing in the individual turns of the wire flows circumferentially with respect to the annulus.

1,578,308. SUSPENSION FOR VEHICLES. CHARLES AMBERG-MANNHEIM, Paris, France. Filed Aug. 31, 1922. Serial No. 585,495. 2 Claims. (Cl. 267—16.)

1. In a suspension for vehicles, a frame, an axle, a two branched lever, a pivot connecting the end of one of the branches of the lever to the frame, a pivot connecting the lever at its middle part to the axle, a rod guided in the frame, an abutment carried by the rod, a coil spring bearing on the frame and on the abutment,



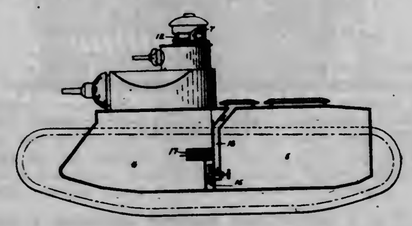
a roller on the rod for contacting with the other branch of the lever, and a leaf spring interposed between the axle and the frame.

1,578,309. BELT BUCKLE. ALWIN H. BECK, Rochester, N. Y., assignor to Hickok Mfg. Company, Inc., Rochester, N. Y. Filed June 11, 1923. Serial No. 644,540. 2 Claims. (Cl. 24—191.)



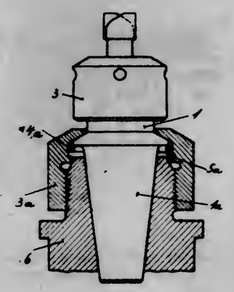
1. A buckle comprising a frame having a clamping surface, a clamping member for ocoperating with said clamping surface, and an anchoring member pivotally supported on the frame and having the clamping member slidable thereon, said clamping member and anchoring member having surfaces extending throughout the greater portion of the cooperating clamping member transversely of the buckle to support said clamping member substantially throughout its length.

1,578,310. VEHICLE OF THE TYPE KNOWN AS A TANK. LEVIN H. CAMPBELL, Jr., U. S. Army, and EMIL F. NORELIUS, Davenport, Iowa. Filed Dec. 8, 1925. Serial No. 74,146. 2 Claims. (Cl. 89—40.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



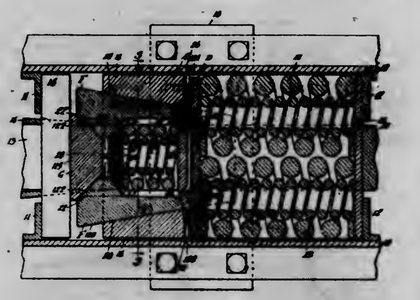
1. In a tank, a conning tower having apertures for normally ventilating the tank, an apparatus adapted to deliver chemically purified air to the tank under pressure, and a dished cover adapted to be readily secured to the conning tower to close its apertures, when said apparatus is to be operated.

1,578,311. SCREW JOINT. PAUL GROSSERT, Altona-Ottensen, Germany. Filed Oct. 18, 1924. Serial No. 744,408. 1 Claim. (Cl. 279—91.)



The combination with a flanged conical member, a body having a correspondingly conical seat in one end for the reception of said conical member therein, and a cap nut screwed over said body and engaging over the flange of said member, said nut having an inner annular recess therein, a springy split ring fitting in said recess so as to form an inner projection in said nut and to bear against the underside of the flange of said member, substantially as and for the purpose set forth.

1,578,312. FRICTION SHOCK-ABSORBING MECHANISM. STACY B. HASELTINE, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Feb. 9, 1924. Serial No. 691,578. 12 Claims. (Cl. 213—26.)



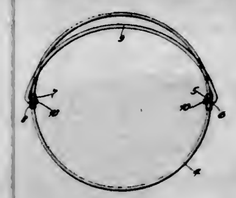
1. In a friction shock absorbing mechanism, a combination with a friction shell having interior friction surfaces; of friction shoes coacting with said shell friction surfaces; a yoke receiving the actuating force and transmitting force to the shoes, said yoke having wedge means thereon coacting with said shoes; and means for yieldingly resisting movement of said shoes, said means including a spring element coacting with said yoke.

1,578,313. APPARATUS AND METHOD FOR REGULATING THE TEMPERATURE OF SUPERHEATED STEAM. KARL HENCKY, Leverkusen, near Cologne, Germany, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne, Germany. Filed Nov. 7, 1924. Serial No. 748,499. 6 Claims. (Cl. 122—487.)



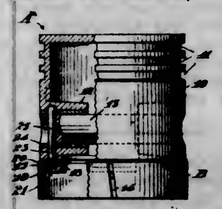
1. A method of regulating the temperature of superheated steam which consists in passing steam downwardly at high velocity over a downwardly-flowing thin film of water of extended area.

1,578,314. COMBINED COFFEE SACK AND HOLDER. ARTHUR G. HEROLD, St. Louis County, Mo. Filed Mar. 14, 1924. Serial No. 699,351. 1 Claim. (Cl. 53—3.)



A device of the character described comprising a split resilient ring the ends of which are held close together by the resiliency of the ring, a tubular part rigid with and extending beyond one end of the ring forming telescoping connection with the opposite end of the ring and holding the two ends of the ring approximately in abutting contact and in circular alinement, a bail, and means forming pivot connection for one end of the bail with that end portion of the ring with which said tubular part is rigid and the opposite end of the bail diametrically opposite.

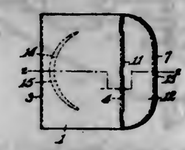
1,578,315. PISTON. WILLIAM R. HEALEWOOD, Los Angeles, Calif. Filed Apr. 30, 1925. Serial No. 26,941. 6 Claims. (Cl. 74—108.)



1. A piston comprising a piston body, having a series of spaced outwardly extending shoulders on its lower end, and an expansion ring formed with a series of spaced

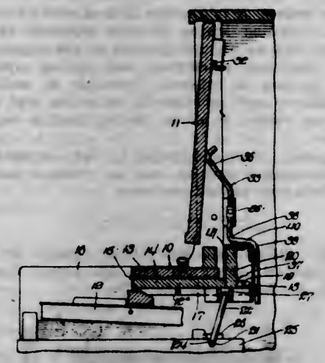
inwardly extending flanges adapted to be positioned to extend into the spaces formed above said shoulders, and means engaging the flanges on said expansion ring for clamping the latter in place on the piston body.

1,578,316. COMBINED MATCH-BOX CASE AND ASH RECEIVER. WAINO ILMA and MATT SAARI, Weirton, W. Va. Filed Apr. 18, 1925. Serial No. 24,020. 2 Claims. (Cl. 206—38.)



2. A holder divided intermediate its ends into two compartments, one of said compartments constituting an open-ended case for match boxes and the other a container for ashes and the like, said holder comprising parallel top and bottom walls and a side wall, said bottom having greater length than said top, an upright compartment wall formed at the front edge of said bottom and having its ends turned back to form end walls for said container, a transverse division wall disposed parallel to the said side wall of the case and attached to the end walls of the container, and a cover for said container hinged to the front edge of the top wall.

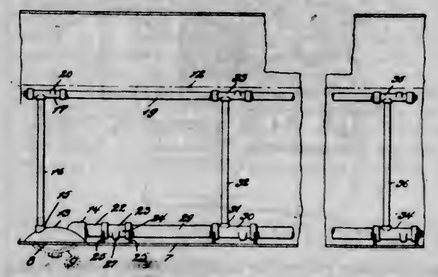
1,578,317. FALL-BOARD AND MUSIC-DESK CONSTRUCTION. THURE A. JOHANSON and FRANCIS C. SOCIN, St. Charles, Ill., assignors to The Cable Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 6, 1923. Serial No. 610,990. 14 Claims. (Cl. 84—178.)



7. The combination, with the keys, key-bed, and fall-board of a piano, of means for mounting said fall-board for inward and outward parallel motion above said keys, comprising a rock-shaft arranged to extend transversely beneath said keys below the upper surface of said key-bed and having a pair of upwardly extending arms, one at each end of said rock-shaft beyond the range of said keys and connected with said fall-board, whereby said rock-shaft and the said upwardly extending arms thereof do not interfere with the bodily removal of the entire range of said keys.

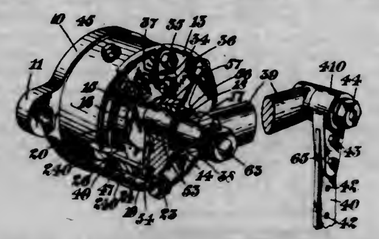
9. A piano fall-board and music-desk construction comprising a fall-board mounted for inward and outward movement, a music-desk mounted for inward and outward movement, and means whereby inward movement of said fall-board will cause outward movement of said music-desk and will lock said music-desk in its outer position; said means comprising a rock-arm pivotally supported between its ends to swing vertically, the upper end-part thereof acting directly upon said music-desk and the lower end-part thereof engaging with said fall-board, such lower end-part of said rock-arm being provided with a shoulder, and said fall-board being provided with an abutment movable underneath and cooperating with said shoulder to hold said rock-arm in position to hold said music-desk in its outer position.

1,578,318. BOILER CLEANER. EDWARD B. JOHNSON, St. Louis, Mo. Filed July 6, 1925. Serial No. 41,785. 1 Claim. (Cl. 122—381.)



The combination with a boiler of a cleaner therefor, said cleaner comprising a shell positioned over the blow-off opening of a boiler, a vertical and a horizontal pipe in fluid communication with said shell, sediment collectors connected in series in said horizontal pipe, a second horizontal pipe, a skimmer connecting said vertical pipe and said second horizontal pipe, additional skimmers connected in series in said second horizontal pipe, and additional vertical pipes placing all additional skimmers and sediment collectors in fluid communication.

1,578,319. SHOCK ABSORBER. ERNEST WILLIAM JOHNSON, London, England, assignor of one-half to Donald Coleman Defries, London, England, and one-half to Colin Defries, Hove, Sussex, England. Filed July 18, 1925. Serial No. 44,464. 21 Claims. (Cl. 188—89.)

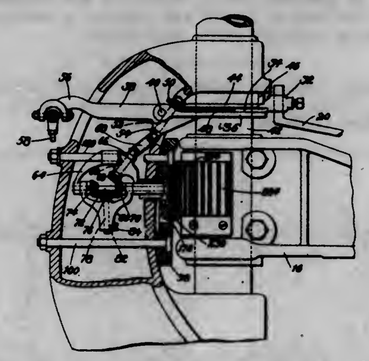


1. A shock absorber comprising a casing constituting a main working chamber for the reception of a working liquid, a vane and a co-operating abutment enclosed in said chamber, a casing constituting a recuperator chamber and so arranged relatively to the other said casing that the one chamber is nested in the other, and means for automatically keeping the working chamber charged with working liquid from the recuperator chamber.

1,578,320. PRESS. FRANK BYCROFT KRALL, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed June 12, 1922. Serial No. 567,690. 23 Claims. (Cl. 164—23.)

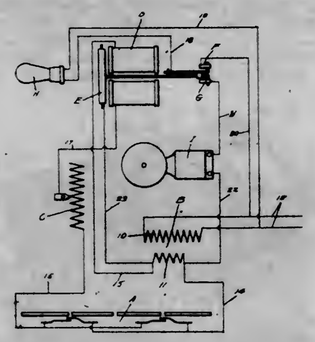
1. In a machine of the character described, a work supporting bed, a presser member movable toward and

from the bed in pressure applying operations and also laterally of the bed into and out of operative relation to work located on the bed, power means for moving the presser member laterally over the bed, a manually operable member movable with the presser member and



also relatively thereto for controlling said power means, and connections between the power means and the manually operable member for causing the power means to bring the presser member to rest simultaneously with the relative movement of the manually operable member and the presser member into alinement.

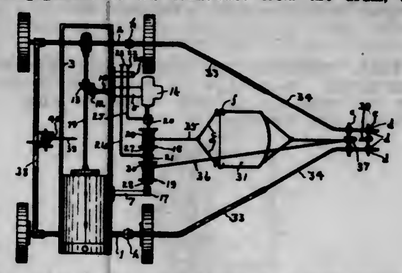
1,578,321. FOUL-LINE INDICATOR. AUGUST J. KEMPIEN, St. Paul, and THOMAS C. FORBES, Minneapolis, Minn.; said Forbes assignor to said Kempien. Filed Feb. 10, 1922. Serial No. 535,548. 28 Claims. (Cl. 273—50.)



1. A foul indicator comprising a signal device, means for operating said signal device including a member positioned in the floor of the bowling alley, and means for rendering said operating means inoperative when the floor member is momentarily actuated.

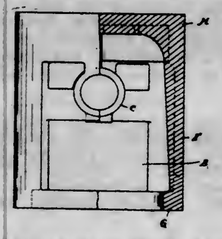
1,578,322. CARRIER MECHANISM. GEORGE E. KERNES, Omaha, Nebr. Filed Oct. 29, 1923. Serial No. 671,313. 2 Claims. (Cl. 192—18.)

1. In carrier mechanism, a rotatable shaft, a brake-shoe, a clutch keyed on the shaft, a link loosely engaging the clutch and having an arm secured to the brake-shoe, a drum journalled on the shaft intermediate the clutch and brake-shoe, said link being movable in one direction to cause coincident engagement of the clutch with and disengagement of the brake-shoe from the drum, and



being movable in an opposite direction to cause coincident disengagement of the clutch from and engagement of the brake-shoe with said drum.

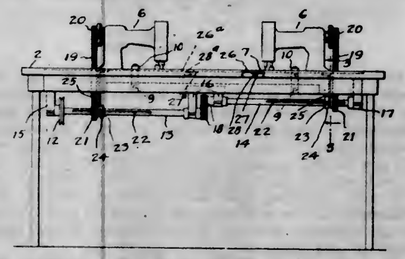
1,578,323. METHOD OF MAKING PISTONS. CHARLES H. KIRBY, Detroit, Mich. Filed May 21, 1923. Serial No. 640,565. 14 Claims. (Cl. 29—156.5)



1. The method of fabricating pistons which consists in forming a casting having a head, segments extending therefrom, and an annular portion at the opposite ends of said segments, machining said casting while said annular portion is integral therewith to maintain a rigid structure and subsequently removing said annular portion to obtain a piston having flexible segmental portions.

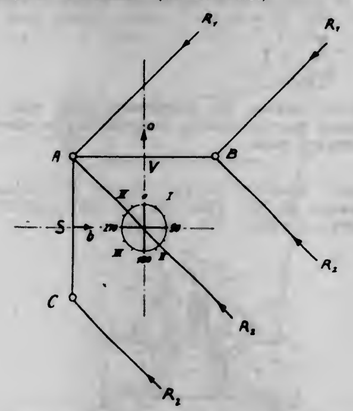
3. A piston blank comprising a head, segmental portions projecting therefrom and an annular portion at the opposite ends of said segments.

1,578,324. HEMMING MACHINE. DAVID W. KLAU, New York, N. Y. Filed Feb. 26, 1925. Serial No. 11,636. 1 Claim. (Cl. 112—155.)



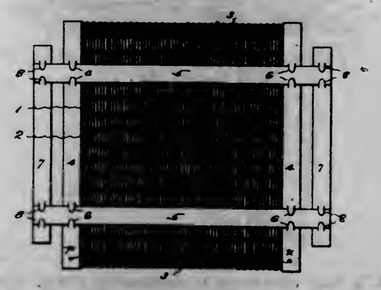
A machine of the character described, comprising a table having a transverse slot and bordering guides, two opposed sewing machines mounted on said table, relatively shiftable along said guides, transverse driving means beneath the table comprising two parts rotating on parallel axes, meshing gears on the said parts causing them to rotate in opposite directions, means for driving one of the parts, and similar positive driving connections comprising sprocket chains between the respective sewing machines and the respective parts below the table, said sewing machines being tiltable endwise toward said sprocket chains.

1,578,325. METHOD AND DEVICE FOR DETERMINING THE DIRECTION OF SOUND. WILLY KUNZE, Bremen, Germany. Filed Sept. 20, 1921. Serial No. 502,014. 3 Claims. (Cl. 181—0.5.)



1. A method for determining without ambiguity the direction in apparatuses working according to the binaural hearing method with the use of several measuring bases standing at an angle the one to the other consisting in adjusting at the measuring with the first basis, the distances between the two receivers and the ears of the operator to the same length and not altering the same, and in further operating a selecting mechanism, according to whether at this zero position the source of sound is perceived as being situated at the right or at the left of the straight direction, without alteration of the sound paths, so that at the reversing upon the second basis only that scale becomes visible upon which the correct measuring result is indicated and altering the length of the sound paths whereby the listener at the ear pieces will receive the middle impression binaurally.

1,578,326. RESISTOR. WERNER J. LARSON, West Hartford, Conn., assignor to The States Company, Hartford, Conn., a Corporation of Connecticut. Filed Mar. 7, 1925. Serial No. 13,742. 7 Claims. (Cl. 201—63.)

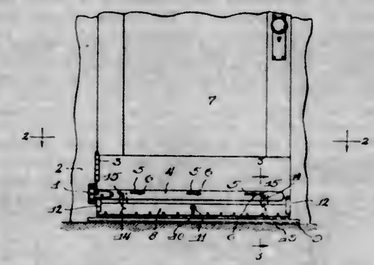


1. A resistor consisting of a fabric of woven resistance wire and insulating yarn, binding strips extending parallel with the resistance wire at the ends of the woven fabric and clamping the ends of the insulating yarn, insulating strips extending across the resistance wire and binding strips, supporting strips spaced from and parallel with the binding strips and attached to the ends of said insulating strips, and means fastening said strips together.

1,578,327. METHOD OF MANUFACTURING COLORED PRESSED ARTICLES. BRUNO LAUCKNER, Marienberg, Germany. Filed Apr. 3, 1925. Serial No. 20,559. 1 Claim. (Cl. 18—61.)

The method of manufacturing articles having a colored pattern or decoration from plastic masses such as pulverulent celluloid, horn- flour or -dust, or the like, which consists in giving to the article essentially its final shape by a preliminary moulding or shaping process while subjecting it to a relatively slight pressure, thereupon applying the coloring substances to the then relatively soft surface of said article, and thereupon subjecting said article with the coloring substances applied thereto to a further final pressing operation at a pressure which is essentially higher than that applied during said preliminary moulding or shaping process.

1,578,328. AUTOMATIC WEATHER STRIP. JOHN F. LESSING, St. Joseph, Mich. Filed Aug. 31, 1925. Serial No. 53,468. 3 Claims. (Cl. 20—68.)

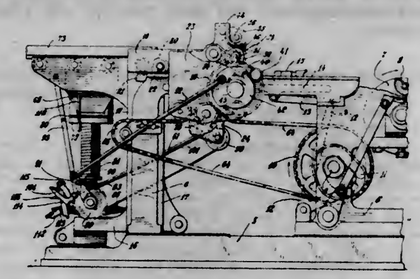


1. The combination with a door or other outside closure, of an automatic weatherstrip for the lower edge thereof, comprising instrumentalities for causing the weatherstrip to automatically move up and down when the door is opened and closed, said instrumentalities comprising a hinge connection between the door and the doorway, comprising a member having movement horizontally and endwise relatively to the door, when the door is opened or closed, said member having a camming action with the weatherstrip, whereby said endwise movement causes the weatherstrip to rise when the door is opened, and causes the weatherstrip to move downward when the door is closed.

1,578,329. FEEDING MECHANISM FOR PRINTING PRESSES. MORRIS LIPTON, Rutherford, LOUIS HAENLEIN, East Rutherford, and FREDERICK W. HILL, Rutherford, N. J., assignors to The Fuchs & Lang Manufacturing Company, a Corporation of New York. Filed June 21, 1922. Serial No. 570,002. 18 Claims. (Cl. 271—62.)

1. A feeding mechanism adapted for use in connection with a printing press, comprising a support adapted to receive thereupon a stack of work-sheets, means for successively feeding said sheets into the printing press, intermittently actuated means for imparting a step-by-step movement to said support in an upward direction, whereby said sheets are placed successively in feeding positions, control means for discontinuing the intermittent actuation of said intermittently actuated means, reversing means for reversing said intermittently actuated means to return said support to its lowermost position,

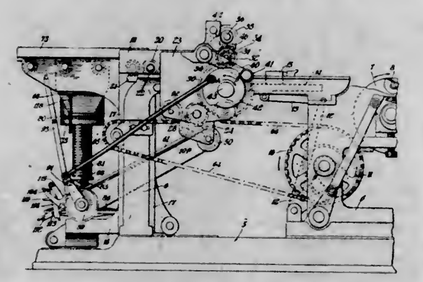
means adapted to cooperate with said control means for automatically limiting the movement of said support in an upward direction after said support has



reached a predetermined elevation, and means adapted to cooperate with said reversing means for automatically discontinuing the downward movement of said support after said support has reached a predetermined position

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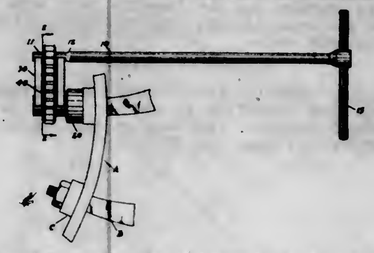
1,578,330. FEEDING MECHANISM FOR PRINTING PRESSES. MORRIS LIPTON, Rutherford, LOUIS HAENLEIN, East Rutherford, and FREDERICK W. HILL, Rutherford, N. J., assignors to The Fuchs & Lang Manufacturing Company, a Corporation of New York. Original application filed June 21, 1922, Serial No. 570,002. Divided and this application filed Dec. 6, 1923. Serial No. 678,802. 15 Claims. (Cl. 271—54.)



1. The combination with a printing press having an impression cylinder provided with work-sheet gripping fingers, of a feed-mechanism comprising a feeding finger adapted to be operated in a fixed time relation with respect, to said impression cylinder, a bodily movable feeding device adapted to transfer work-sheets to a position intermediate said impression cylinder and feed finger, and means, so actuated upon the bodily movement of said feeding device as to change its period of operation with respect to that of said feed finger and impression cylinder.

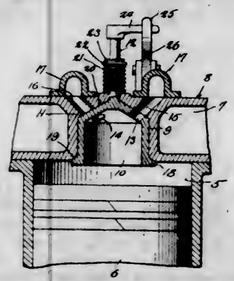
1,578,331. THRASHING-MACHINE-CYLINDER WRENCH. REUBEN D. LITWILLER, Seward, Nebr. Filed Sept. 30, 1924. Serial No. 740,840. 1 Claim. (Cl. 81—54.)

A thrashing machine cylinder wrench comprising a supporting block, a handle member, a socket member, and a sprocket chain, said supporting block including two spaced plates having arcuate bearings in their extremities open at one side, said handle member and said socket member each having their sole bearings in the arcuate bearings of said supporting block, said handle member and said socket member each having a single circle of sprocket teeth projecting radially therefrom and integral therewith, and said sprocket chain having a single row of links and passing between said plates and over the sprocket teeth of both said handle member and



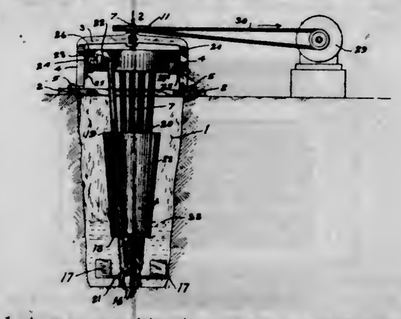
said socket member, the arrangement being such that the wrench may be entirely disassembled by removing said sprocket chain.

1,578,332. ENGINE VALVE. JAMES R. MCCUMBER, Kingwood, W. Va. Filed Dec. 10, 1924. Serial No. 754,984. 1 Claim. (Cl. 123—80.)



In an engine construction, an engine head having a recessed portion and having inlet and exhaust openings formed therein, a valve including a circular body portion, having a peripheral flange, said flange having an inclined upper edge, the lower edge of the wall of the recessed portion being beveled to receive the inclined upper edge of the flange to provide a fluid-tight connection between the valve and recessed portion in which the valve operates, and means for operating the valve.

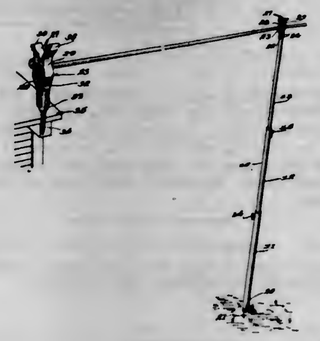
1,578,333. ROTARY PUMP. HUGH MCNIFF and HAROLD E. THOMPSON, Denver, Colo. Filed Mar. 7, 1925. Serial No. 13,736. 3 Claims. (Cl. 103—100.)



1. A pump comprising, in combination, a shaft mounted with its axis substantially perpendicular and adapted to be rotated, a bearing for the lower end of said shaft, a second bearing for the upper end of the shaft, means

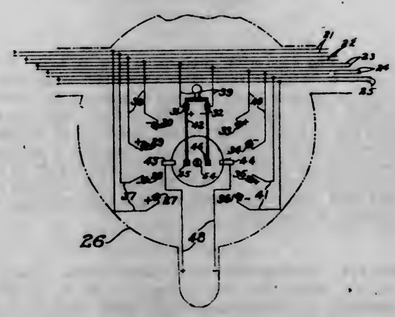
for rotating the shaft, a plurality of equidistantly spaced pipes secured to the shaft so as to be rotated therewith, the lower ends of said pipes being closer to the axis of rotation than the upper ends, whereby any water that may be in the pipes will be subjected to a centrifugal force, one component of which will tend to make it flow upwardly, and means within said pipes for making the water travel in a spiral path within the pipes.

1,578,334. CLOTHESLINE-SUPPORTING DEVICE. CARSON MCREYNOLDS, Pontiac, Mich., assignor to David L. Bond, Pontiac, Mich. Filed Mar. 9, 1925. Serial No. 14,155. 1 Claim. (Cl. 68—12.)



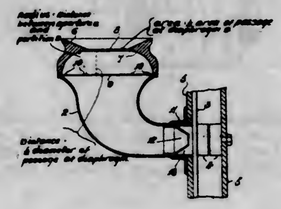
A clothes line support comprising a member having a slot in its upper end, inner and outer sets of plates, the said plates at one end entering the said slot and being in close contact with each other, the outer plates being outwardly bowed at points between their ends and having outwardly curved outer extremities, the inner plates being in close contact with each other along their inner portions and having outwardly curved outer end portions the extremities of which are provided with return bends and merging into flanges which bear against the outer surfaces of the extremities of the first mentioned plates, the end edges of the first mentioned plate being normally spaced from the inner surfaces of the return bends of the second mentioned plates.

1,578,335. ELECTRIC BAKE OVEN. JACOB U. MANISCHEWITZ, Cincinnati, Ohio. Filed Feb. 4, 1921. Serial No. 442,409. 5 Claims. (Cl. 219—35.)



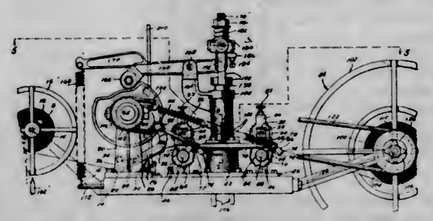
1. In an oven having an electrically heated chamber, electric heating elements in the chamber, a positive terminal and a negative terminal on each heating element, a multiple throw two pole switch for each heating element, an electrical connector connecting the terminals of the heating elements with the poles of the switch, a plurality of electrical main supply lines of different voltages, disposed without the oven, pairs of contacts about the switch for receiving the poles thereof, each pair of contacts being electrically connected with one of the main lines for selectively connecting an electrical current of a given voltage to a heating element.

1,578,336. SOUND-TRANSMITTING INSTRUMENT. ALEXANDER MARR, Manchester, England. Filed Apr. 5, 1921. Serial No. 458,810. 10 Claims. (Cl. 179—187.)



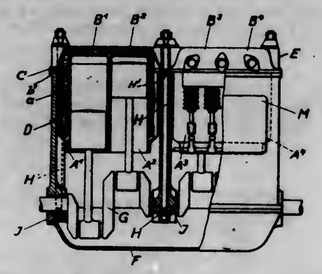
1. A sound wave concentrator comprising a mouth piece having a constricted opening for the entrance of sound waves and walls, first divergent from the opening and then convergent towards the exit end, a partition having a substantially flat surface arranged across the interior of the mouth piece at the junction of the divergent and convergent walls, said partition being imperforate at its central portion and apertured at its outer annular portion, the area of said opening at the entrance end being approximately one-fourth the area between the walls at the junction of the divergent and convergent walls.

1,578,337. MACHINE FOR USE IN THE MANUFACTURE OF BOBBINS FOR SEWING MACHINES. HENRY J. MARX and WALTER O. HARVEY, Holyoke, Mass., assignors to The American Thread Company, New York, N. Y., a Corporation of New Jersey. Filed Aug. 5, 1925. Serial No. 48,222. 13 Claims. (Cl. 18—19.)



1. A machine of the class described having, in combination, means for intermittently feeding a strip, devices operable during the periods of rest of said feeding means comprising a punch and die for forming an aperture in the strip and means acting while said punch is inserted through said aperture to form a circular bump in the strip having its outer edge arranged substantially concentrically with said aperture, and actuating means for said devices.

1,578,338. INTERNAL-COMBUSTION ENGINE. KARL MAYBACH, Friedrichshafen-on-the-Bodensee, Germany, assignor to the firm: Maybach Motorenbau-Gesellschaft mit beschränkter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Filed May 5, 1921. Serial No. 467,193. 6 Claims. (Cl. 121—194.)

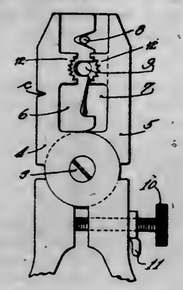


1. In an internal combustion engine in combination a crank case and a cylinder and cylinder head cast in one piece and freely suspended from the upper edge of said crank case with the head only projecting above the case.

1,578,339. PRODUCTION OF AVAILABLE PHOSPHATE. HERBERT H. MEYERS, Pittsburgh, Pa., assignor to Armour Fertilizer Works, Chicago, Ill., a Corporation of New Jersey. Filed Oct. 20, 1922. Serial No. 595,825. 4 Claims. (Cl. 71—7.)

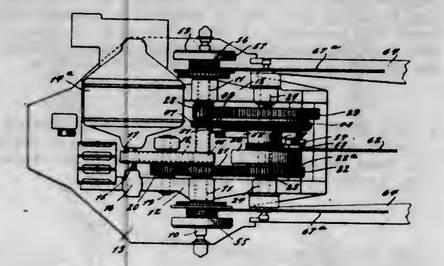
1. The process of rendering the phosphate of phosphate rock available, consisting in sintering a mixture containing ground phosphate rock and an alkali metal salt thereby effecting a partial conversion of the phosphate, crushing such sintered mixture into porous lumps, and calcining such lumps at a sufficient temperature and for a period of time to complete the conversion of the phosphate into available phosphate.

1,578,340. PLIERS. KENNETH T. MILLER, Springfield, Mass. Filed July 3, 1925. Serial No. 41,419. 3 Claims. (Cl. 81—9.5.)



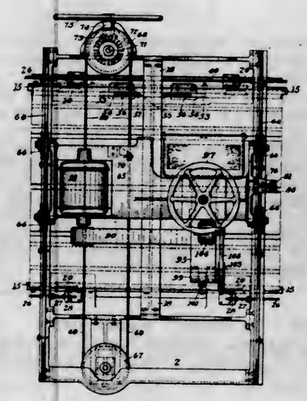
1. Pliers of the class described comprising a pair of pivoted handles and jaws operated thereby, blades having complemental cutting notches carried thereby and arranged to cut on opposite sides of the covering of a cable, means for limiting the closing movement of said handles so that the said cutters will not cut through the wire of said cable, and complemental gripping members carried by the jaws at the rear of the blades, and in alinement with the cutting notches thereof for embracing opposite sides of the covering of the cable and arranged to firmly embrace the covering for a twisting action thereof.

1,578,341. HOISTING ENGINE. THOMAS SPENCER MILLER, South Orange, N. J.. Filed Dec. 23, 1924. Serial No. 757,588. 11 Claims. (Cl. 254—185.)



1. In a winding engine, a main drum, a drive shaft, means for driving said drum from said drive shaft in a forward direction, a sleeve mounted on said drive shaft, means for rotating said sleeve on its shaft at a higher rate of speed than the shaft itself, and means operable from said sleeve for driving said drum in the reverse direction.

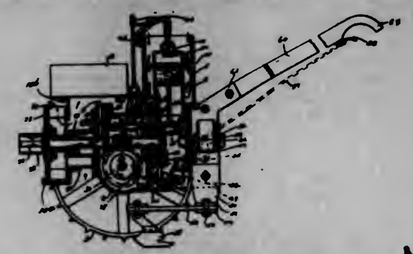
1,578,342. GRINDING APPARATUS. JAMES T. MOLTRUP, Beaver Falls, Pa. Filed June 5, 1924. Serial No. 718,047. 14 Claims. (Cl. 51—38.)



1. Grinding apparatus, comprising a work table, tracks at opposite sides of said table extending longitudinally thereof, a carriage having wheels engaging said tracks, a grinding wheel mounted on said carriage with its axis extending at right angles to the direction of movement thereof, means for reciprocating said carriage to move said wheel back and forth over said table, and a pair of electric motors mounted on said carriage for rotating said wheel and imparting axial reciprocation thereto, substantially as described.

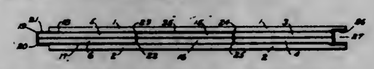
1,578,343. POWER-DRIVEN CULTIVATOR. JAMES A. MOULD, Milwaukee, Wis., assignor to M. B. M. Manufacturing Co., Milwaukee, Wis. Filed Sept. 21, 1922. Serial No. 589,563. 5 Claims. (Cl. 180—19.)

1. In a power driven, hand guided cultivator, the combination with an axle shaft having tractor wheels secured thereon, of an internal combustion engine having power transmitting mechanism for operating said axle shaft and clutch mechanism for putting said mechanism into or out of connection with the power shaft,



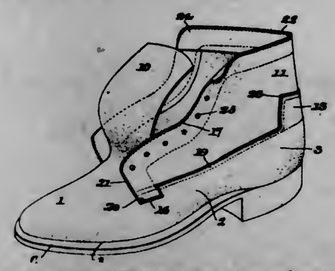
a casing enclosing said power transmitting and clutch mechanism, a fly wheel for said engine positioned to the front of said axle shaft, and a fuel tank supported from the casing above the axle shaft and fly wheel.

1,578,344. REENFORCED COMPOSITION BOARD. TREADWAY B. MUNROE, Chicago, Ill., assignor to Dahlberg & Company, Inc., Chicago, Ill., a Corporation of Delaware. Filed Sept. 4, 1925. Serial No. 54,530. 9 Claims. (Cl. 154—45.9.)



3. A reenforced composition board comprising a plurality of strata of heat insulating material secured together, said board provided on one extremity with a reenforcing tongue of metallic material and on another extremity with a groove of reenforcing metallic material and said board further provided internally with metallic reenforcing material.

1,578,345. SHOE AND BLANK THEREFOR. HENRY F. NELSON, Danville, Ill. Filed Oct. 6, 1924. Serial No. 741,924. 2 Claims. (Cl. 36—45.)



1. A shoe upper formed of two pieces of material, one comprising the vamp, tongue, sides and counter and having its edges stitched together at the rear and having upward extensions from the counter, and the other forming the quarters and upper part of the shoe and having a cut-out portion which registers substantially with the upward extensions of the counter but is of smaller size, the two pieces being stitched together only along the lower edge of the second piece.

1,578,346. BOILER. OLLIE T. NELSON, Waukegan, Ill. Filed Nov. 19, 1920. Serial No. 425,076. 3 Claims. (Cl. 122—106.)

3. A double-wall boiler structure comprising a continuous plate forming one of the walls and extended to form upper and lower portions of the other wall, and a series of plates welded to one another and to the continuous

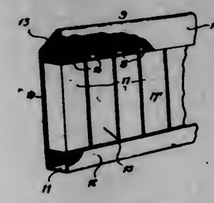
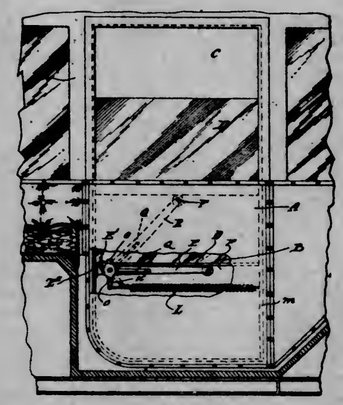


plate and extending between said upper and lower portions and having flanges welded to the inner face of the continuous plate.

1,578,347. VEHICLE WINDOW-CONTROL MECHANISM. STANLEY W. NICHOLSON, Toledo, Ohio, assignor to The Dura Company, Toledo, Ohio, a Corporation of Delaware. Filed Sept. 4, 1920. Serial No. 408,849. 8 Claims. (Cl. 192—8.)

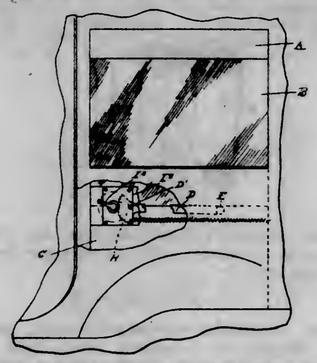


1. In a window control mechanism, the combination of a bracket providing a journal bearing for the control arm of the control mechanism, a gear member carried by said bracket, an actuating member for the arm pivoted to the latter upon an axis transverse of the pivot axis of the arm, gear teeth provided upon the actuating member diametrically opposed with relation to the two intersecting pivotal axes, and spring means normally rocking the actuating member to a position engaging the gear teeth thereof with those of said bracket member, said actuating member being rockable to disengage said teeth and being thereupon actuable to shift the arm.

1,578,348. WINDOW-CONTROL MECHANISM. STANLEY W. NICHOLSON, Toledo, Ohio, assignor to The Dura Company, Toledo, Ohio, a Corporation of Delaware. Filed Jan. 16, 1922. Serial No. 529,486. 8 Claims. (Cl. 192—8.)

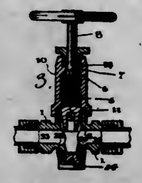
1. In a device of the character described, the combination with a mounting plate, of a stamped sheet metal pivot member, and a latch bolt formed of stamped sheet metal, of substantially the same thickness as said pivot member, the mounting plate being formed with a notched opening to receive the pivot member and the latter being radially slotted to mount the latch bolt, a spring urging the latch bolt into engagement with the notched

periphery of said opening, a drive member connected to said pivot member at one side of the mounting plate,



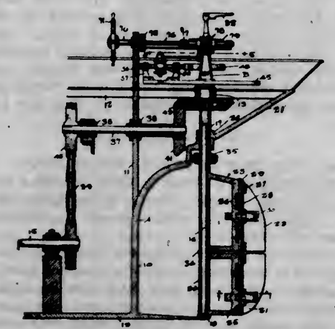
a driving member at the other side of the mounting plate, having a lost motion connection to the pivot member for retracting said bolt.

1,578,349. VALVE FOR WATER, STEAM, AIR, GASES, OILS, AND OTHER FLUIDS. HORACE C. NIXON, Saskatoon, Saskatchewan, Canada. Filed Mar. 3, 1919. Serial No. 280,508. 8 Claims. (Cl. 251—155.)



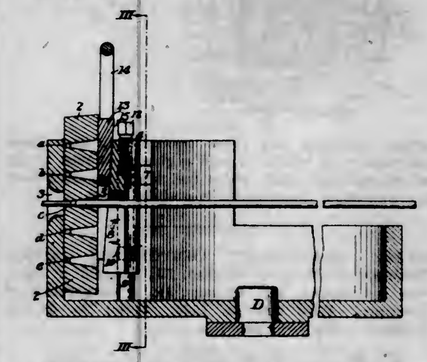
5. In combination, a valve casing, a frusto-conical valve chamber therein, a frusto-conical hollow valve in said chamber, an internally threaded barrel mounted on said casing, a threaded hollow stem rigidly attached to said valve and in cooperative engagement with said threaded barrel, means associated with said hollow stem for rotating said valve in said barrel, and a removable sand pocket below the valve and in communication with the space in the valve.

1,578,350. SHIP STEERING AND PROPELLING MECHANISM. JOHN R. NOCK, Brooklyn, N. Y. Filed Sept. 30, 1925. Serial No. 59,625. 17 Claims. (Cl. 115—29.)



1. A ship propelling mechanism comprising a pair of superimposed driving vanes formed to provide guiding grooves mounted for oscillatory movement, means for oscillating said vanes in opposite directions relative to one another, the vanes being mounted upon vertical pivots and resilient means engaging in said guiding grooves and normally holding the vanes in a predetermined position.

1,578,351. DIE HOLDER FOR WIRE-DRAWING BLOCKS. FRANK H. NULLMEYER, Struthers, Ohio. Filed Mar. 24, 1925. Serial No. 17,861. 10 Claims. (Cl. 205—25.)



1. Wire drawing means, comprising a die holder open at its top, a die of substantially uniform thickness adapted to be inserted and removed through the opening in the top of the holder, and means for clamping said die against a face of the holder, said means comprising a vertically adjustable wedge having a face parallel with the face of the holder which is to engage the die, said face of the holder engaging one face of the die and the parallel face of the wedge engaging the opposite face of the die, substantially as described.

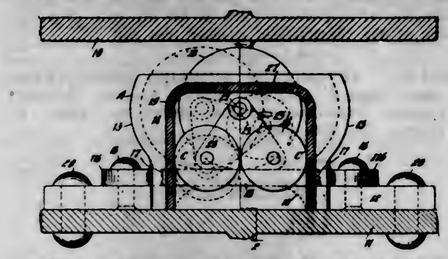
1,578,352. SPRING SHACKLE. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Mar. 16, 1923. Serial No. 625,460. 8 Claims. (Cl. 213—208.)



1. In a resilient shackle, the combination of two oppositely arranged yoke members, each having an extension by which it is adapted to be connected to a vehicle, each said member having abutment shoulders at one end and a rigidly associated follower at the other end, the two members being angularly offset 90°; of a pair of washers within said members, each normally in engagement with the abutment shoulders of one of said members and operable by the follower of the other of said members; and cushioning means between said washers.

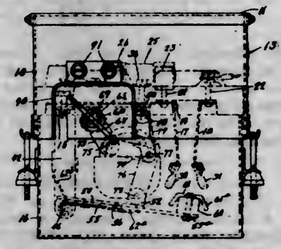
1,578,353. ANTIFRICTION BEARING. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Jan. 18, 1924. Serial No. 686,944. 8 Claims. (Cl. 308—226.)

1. In an anti-friction bearing, the combination with a bearing surface; of an anti-friction element proper, arranged to move on said bearing surface to either side of normal position; means connected to said element, said means including a plurality of independent anti-friction means disposed to operate as counterbalancing



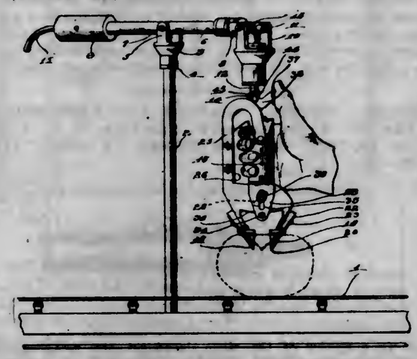
weights; and means cooperating with said anti-friction means for unbalancing the same during movement of said element.

1,578,354. ELECTRIC SWITCH. GEORGE W. O'KEEFFE, Dorchester, Mass., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed July 3, 1922. Serial No. 572,536. 20 Claims. (Cl. 200—42.)



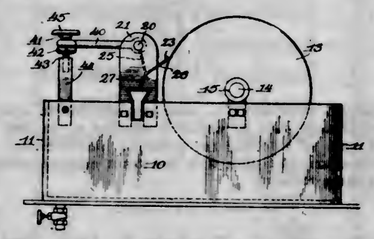
1. In an electric switch, a movable switch member including a pivoted arm, a spring connected with said arm arranged to urge said arm to switch-closed position, and means to open the switch including a toggle member connected with said arm, and means to straighten said toggle whereby to hold the switch open, including an operating shaft having a crank arm, and a link connecting said crank arm and toggle.

1,578,355. APPARATUS FOR REMOVING THE STEM OR BLOW ENDS FROM FRUIT, VEGETABLES, OR THE LIKE. BURT C. OLNEY, Rochester, N. Y., assignor to New York Canners, Inc., Rochester, N. Y. Filed Apr. 28, 1924. Serial No. 709,336. 9 Claims. (Cl. 146—52.)



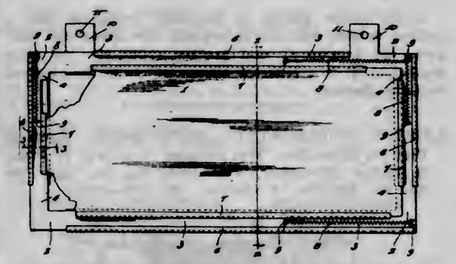
1. An apparatus for removing the stem or the blow ends of fruit, vegetables or the like comprising removing means for the stem or the blow ends, and means for movably supporting said removing means, a hand grip connected with said removing means for bringing the removing means into and out of cooperation with the articles, and means positioned adjacent the hand grip and controllable by a hand while on said grip for effecting the operation of the removing means.

1,578,356. REAGENT FEEDER. TOM M. OWEN, Wallace, Idaho. Filed May 9, 1924. Serial No. 712,111. 6 Claims. (Cl. 221—97.)



1. In a feeder device, a receptacle, elevating means provided with a surface affording adhesion thereto of liquid material, members mounted adjacent and extending into contact with said elevator surface at an inclined angle to divert a portion of material therefrom, and a trough beneath said contact members adapted to receive material by gravity from said contact members, said trough being horizontally adjustable relative to said contact members to register with varying numbers thereof.

1,578,357. ADJUSTABLE FRAME. ERNIE L. PARKINS, Craigmont, Idaho. Filed Sept. 1, 1925. Serial No. 53,879. 3 Claims. (Cl. 40—155.)



1. A frame comprising corner sections each having arms extending at right angles to each other and extending in longitudinal overlapping relation to co-operating arms of other corner sections, certain of the arms of said sections having inner and outer side flanges extending inwardly and engaging the co-operating arms in spaced relation to each other and serving to guide sliding movement of the sections towards and away from each other, said inner flanges having their free side portions bent back upon themselves to provide auxiliary flanges to engage the edge portions of a card enclosed by said sections, lugs extending from said sections intermediate the side of their arms, and springs extending longitudinally of the arms between said inner and outer flanges and anchored to said lugs and serving to yieldably hold the sections against movement away from each other.

1,578,358. ELECTRIC LAMP FOR CINEMATOGRAPHIC APPARATUS. EMILE CHRISTIAN PENIN, Joinville-le-Pont, France, assignor to Pathe Cinema, Anciens Etablissements Pathe Freres, Paris, France. Filed Feb. 23, 1924. Serial No. 694,532. 1 Claim. (Cl. 176—16.)

A lighting device for projection apparatus comprising an ordinary glow lamp, a ring secured to the cap of said

lamp, a lug secured on said ring and extending longitudinally on said cap towards the lower part of said cap, an enlarged part or boss provided on said lug and a lamp-socket on the upper edge of which is adapted to rest the lower edge of said ring, said lamp-socket having



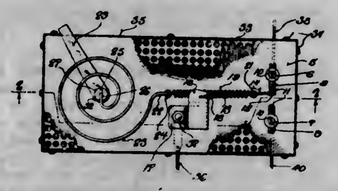
longitudinal slots so as to form tongues and an opening in one of said slots in which is adapted to fit said enlarged part of said lug for ensuring automatically the exact position in height and the exact angular position of the lamp filament.

1,578,359. INSOLE. FREDERICK H. PERRY, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Aug. 5, 1918. Serial No. 248,236. 16 Claims. (Cl. 36—22.)



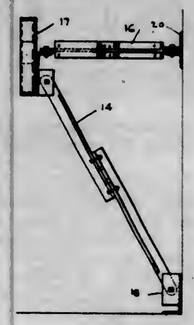
1. An insole having a marginal sewing-rib and a feather outside said rib throughout the shank and forepart, the portion of said feather about the toe being molded to lie in a different plane relative to the adjacent portions thereof.

1,578,360. THERMOSTATIC INSTRUMENT. HUGH G. PHELPS, Milwaukee, Wis., assignor of one-half to Frank O. Phelps, Milwaukee, Wis. Filed Jan. 24, 1924. Serial No. 688,325. 3 Claims. (Cl. 200—139.)



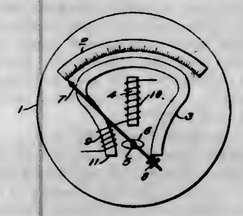
8. In an instrument of the character described, a panel member, a stationary contact carried by the panel, a terminal member secured to the panel member and spaced from said contact member, a pair of spaced projections carried by said terminal member and having their edges adjacent said stationary contact notched, a substantially H-shaped movable arm having the outer ends of the legs thereof notched to receive the notches of the terminal projections, a contact fixed to the outer end of the vertical portion of the H and adapted to electrically engage said stationary contact, a thermostatic member mounted on the panel member and having one end free and arranged to be moved by expansion or contraction of said thermostatic member, and a spring connecting said thermostatic member free end and the transverse portion of said movable arm to retain said arm in pivotal engagement with the terminal, movement of the thermostatic member free end beyond an imaginary line drawn longitudinally through said movable arm and its pivotal connection with the terminal resulting in a quick movement of said movable arm in the direction of movement of the thermostatic member free end.

1,578,361. AUTOMOBILE SHIPPING DECK. KENNETH GEORGE ARUNDEL PHILP, Toronto, Ontario, Canada. Filed Dec. 10, 1925. Serial No. 74,654. 8 Claims. (Cl. 105—368.)



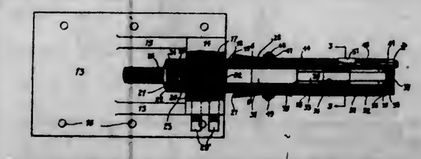
1. In an automobile shipping deck, a bearing block forming a support for an axle end or wheel hub of the automobile, and a support and braces of adjustable length hingingly secured to said block for supporting and bracing said block from the wall and floor of the railway car transporting said automobile.

1,578,362. IRON-VANE INSTRUMENT. RAYMOND T. PIERCE, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 15, 1921. Serial No. 477,855. 8 Claims. (Cl. 171—95.)



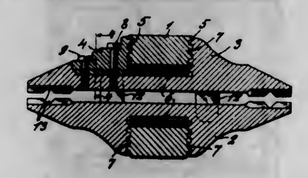
4. An electrical measuring instrument comprising a permanent magnet, a movable magnetizable member disposed adjacent to the poles thereof and biased to a predetermined position thereby, a coil disposed in predetermined inductive relation to the permanent magnet and an actuating coil for the movable magnetizable member.

1,578,363. BEARING SHAVING AND BURNISHING DEVICE. PETER RADOSEVIC, New York, N. Y. Filed Oct. 16, 1923. Serial No. 668,942. 14 Claims. (Cl. 29—90.)



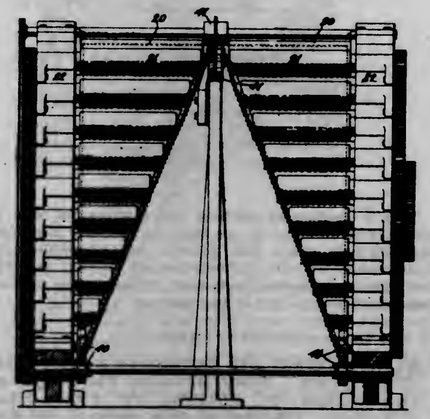
5. In a device of the class described, the combination with a tapering body having a plurality of feathers extending lengthwise thereof, of a plurality of longitudinal tool strips grooved for sliding upon said feathers, a reciprocating element arranged adjacent the smaller end of said tapering body, connections between said tool strips and said reciprocating element permitting a limited outward movement of the former, means connecting the opposite ends of said tool strips and permitting relative outward movement thereof, and means for actuating said reciprocating element.

1,578,364. COMBINED TOOL AND CLAMP. HENRY A. RECEN, Breckenridge, Colo. Filed Apr. 22, 1925. Serial No. 25,015. 3 Claims. (Cl. 81—128.)



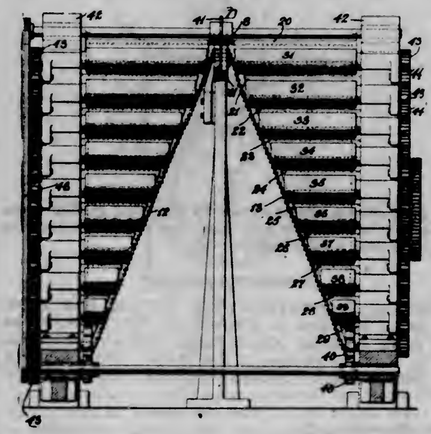
1. In a device of the class described, in combination, a pair of aligned jaw members adapted to be moved towards or away from each other, said jaws having each a notch with parallel opposed surfaces provided with spiral threads and a nut having its opposite sides provided with spiral threads adapted to engage the spiral threads in the walls of said notches whereby when the nut is rotated with respect to the jaws, the latter will move towards or away from each other with a parallel movement, one of said jaw members having a removable portion, one end of which forms one of the opposing surfaces of the notch.

1,578,365. METHOD OF MAKING EXPANDED METAL. EDWARD T. REDDING and LEONARD W. CROSS, Swissvale, Pa., assignors to Consolidated Expanded Metal Companies, a Corporation of Pennsylvania. Filed June 27, 1922. Serial No. 571,226. 5 Claims. (Cl. 164—6.6.)



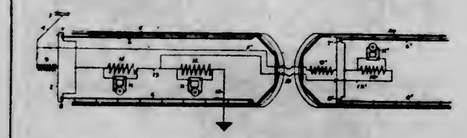
1. The herein described process of making deployed expanded metal which comprises slitting a blank, moving it along guide means engaging one selvage and thereby sustaining it, and expanding the metal transverse the plane of the blank by progressively and successively deploying from said plane portions further and further from the edge supported as aforesaid.

1,578,366. APPARATUS FOR THE PRODUCTION OF EXPANDED METAL. EDWARD T. REDDING and LEONARD W. CROSS, Swissvale, Pa., assignors to Consolidated Expanded Metal Companies, a Corporation of Pennsylvania. Filed June 27, 1922. Serial No. 571,227. 9 Claims. (Cl. 164—6.6.)



1. Apparatus for the production of expanded sheet metal comprising means for progressively and successively drawing portions nearer and nearer an outer unslit margin of a slit sheet out of their original plane, to deploy the sheet and open up its mesh, and means for engaging the adjacent unslit margin and thereby sustaining the pull exerted in deploying the sheet.

1,578,367. HIGH-VOLTAGE SIGNALING SYSTEM FOR ELECTRICALLY-OPERATED STREET CARS. CHRISTIAN REINKER, Lakewood, Ohio. Filed May 16, 1921. Serial No. 469,913. 1 Claim. (Cl. 177—352.)

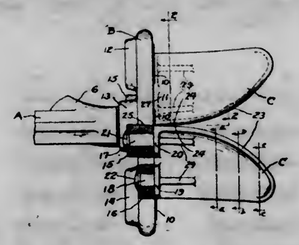


In a high voltage signaling system for electrically operated trolley and trailer cars connected therewith, composed of open trolley circuits in said cars, each circuit including a plurality of resistances in series, one of which has in parallel therewith a signal, a second resistance having parallel therewith a second signal, the last said resistance and signal being positioned within the trolley car and included in both circuits, manually actuated means carried within each car for completing each of said circuits, and the last said signal adapted to function upon the completion of either of said circuits.

1,578,368. AUTOMATIC TRAIN-PIPE CONNECTER. JOSEPH V. ROBINSON, New York, N. Y. Filed Mar. 10, 1920, Serial No. 364,843. Renewed Aug. 18, 1925. 12 Claims. (Cl. 285—24.)

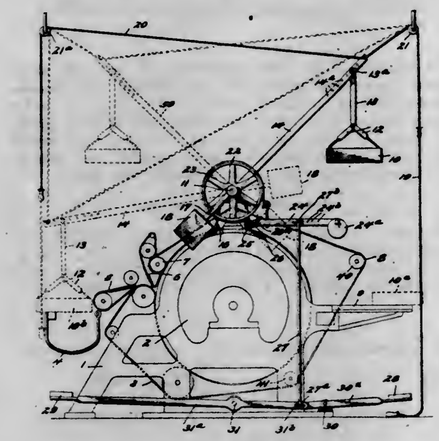
12. An automatic train pipe coupling head, comprising in combination, a base having a flat coupling face arranged substantially at right angles to the longitudinal axis of the head, lugs integrally connected with said

base and diagonally disposed on opposite sides thereof, each of said lugs having a front face lying in substantially the same plane as the coupling face of the base,



a forwardly extending outwardly diverging guiding prong mounted on each of said lugs and means for securing said prongs to said lugs.

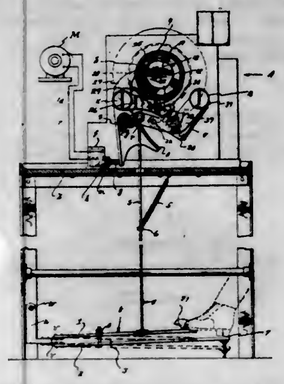
1,578,369. CLOTHES-RETURN DEVICE FOR IRONERS. FRANKLIN R. ROBISON, Gloversville, N. Y., assignor to Asher Manufacturing Company, Irvington, N. J., a Corporation of New Jersey. Filed Sept. 12, 1922. Serial No. 587,802. 9 Claims. (Cl. 68—9.)



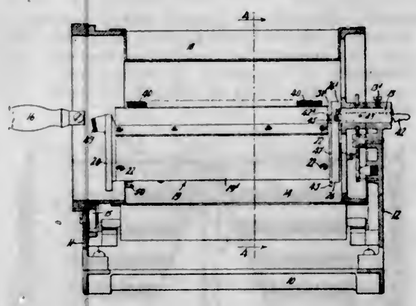
1. The combination with an ironer, of a device for transferring clothes from one side of the ironer to the other, including a pivoted support extending above the ironer, and a carrier freely suspended from said support.

1,578,370. MACHINE CONTROL. FREDERICK N. ROSS, Pontiac, Mich., assignor, by mesne assignments, to The Patent Button Company, a Corporation of Connecticut. Filed Apr. 26, 1923. Serial No. 634,711. 2 Claims. (Cl. 192—27.)

1. In a power control, the combination of a source of power, driven mechanism, a clutch between the driven mechanism and the source of power and provided with a stop shoulder, a pivoted clutch finger yieldingly held in engagement with said stop shoulder, and a tripping mechanism including a trip finger yieldingly held in engagement with said clutch finger whereby movement of said tripping mechanism serves to actuate the trip finger for retracting the clutch finger and disengaging the same from the stop shoulder for the purpose of releasing the clutch, said trip finger arranged to rotate about a center remote from the pivot of said clutch finger, said trip and clutch fingers separating in diverging paths when moved, whereby the trip finger disengages from the clutch finger with the releasing of the clutch to allow the clutch finger to again position itself so as to engage the stop shoulder to throw out the clutch at the completion of one revolution.



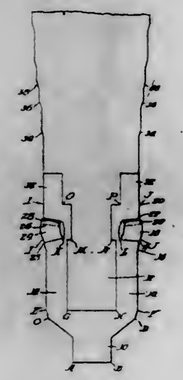
1,578,371. STENCILING MACHINE. EDWARD G. ROWLEY, Belleville, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Apr. 30, 1924. Serial No. 709,966. 23 Claims. (Cl. 101—119.)



1. In a duplicating machine, the combination with a revoluble cylinder, of an ink-fountain rotatably shiftable upon its axis within said cylinder, and releasable stop means associated with said ink-fountain effective to limit the degree of angular movement thereof when shifted from one position to another position.

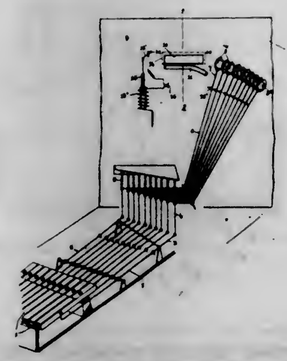
1,578,372. HOSIERY AND METHOD OF MAKING THE SAME. JULIUS C. RUEDT, Milwaukee, Wis., assignor to Phoenix Hosiery Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Mar. 15, 1924. Serial No. 699,430. 6 Claims. (Cl. 66—184.)

1. The method of knitting a stocking blank which comprises setting up the fabric as a narrow toe strip, widening at appropriate places to form a fashioned toe and foot portion, reinforcing the toe and the sides of the foot portion with an additional thread, interrupting all but a few needles at one side and knitting a narrow strip, uniting the end of said strip with the body to form a fabric loop by knitting clear across, interrupting all but a few needles at the other side and knitting another narrow strip, uniting the end of said strip with the body



by knitting clear across, reinforcing both strips throughout, knitting the ankle, calf and leg portions, and reinforcing the outer edges of the angle portion part way up.

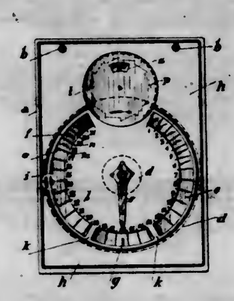
1,578,373. KEY INSTRUMENT FOR EXECUTING COLOR MUSIC. WILHELM SCHMEER, Nuremberg, Germany. Filed Oct. 27, 1924. Serial No. 746,229. 1 Claim. (Cl. 240—1.)



A key-instrument for the execution of color-music, comprising, in combination, a wall and a slot therein; means for closing said slot; transparent colored bodies arranged to appear singly or in groups behind said slot; means for transmitting motion from the depressed key or keys to the appertaining color-bodies, and means for opening the slot automatically when a color-body arrives behind it, these means being actuated by the respective color-body carrier or carriers.

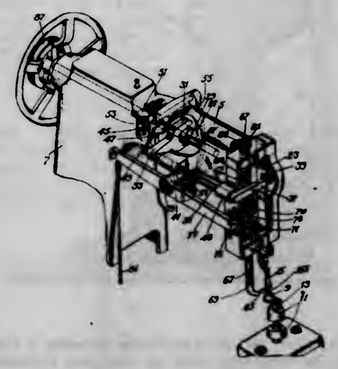
1,578,374. PERPETUAL CALENDAR. FRIEDRICH SCHULTZ, Glauchau, Germany. Filed July 3, 1925. Serial No. 41,415. 1 Claim. (Cl. 40—113.)

In a perpetual calendar, the combination with a base plate, an integral cover for the same having a recess therein and on which the numerals for the dates of a month are arranged in circular fashion, a turnable circular ring partly covered by said cover and having the uncovered names of the consecutive week days written thereon, a revoluble hand pivoted to the centre of the circular arrangement of the numerals and adapted to be adjusted to any one of said dates, and a turnable disc



with the names of the consecutive months thereon arranged underneath said cover of which the recess mentioned presents always the name of one month only; of a ratchetlike circumference with twelve teeth on said disc located within the path of said revoluble hand whereby said disc is turned one tooth once in every complete revolution of said hand, substantially as set forth.

1,578,375. CUTTING MACHINE. EUGENE SEHL, St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Dec. 28, 1923. Serial No. 683,183. 13 Claims. (Cl. 164—49.)



1. A machine for cutting panels from the upper of a shoe having, in combination, a work support adapted to enter a shoe so as to support the upper from the inside thereof and to permit the shoe to be moved with respect to it, a cutter having a portion adapted to pierce a panel, and means for separating the cutter and support sufficiently to permit the shoe to be moved so as to bring a panel into operative position with respect to the cutter preparatory to the piercing operation.

1,578,376. METHOD FOR THE PRODUCTION OF COKE AND TAR FROM COAL. FRITZ SEIDENSCHNUR, Freiberg, Germany. Filed Oct. 6, 1924. Serial No. 741,286. 1 Claim. (Cl. 202—8.)

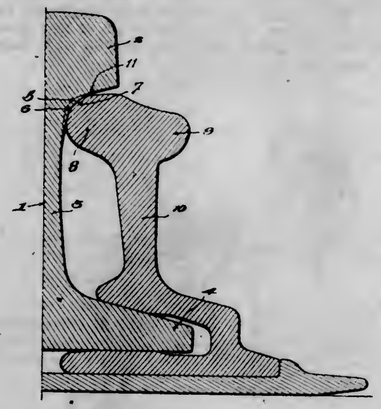
A method for the production of coke and tar from coal, which consists in subjecting mineral coal in the form of a continuously downwardly travelling column in counter-current to the action of gases free from oxygen at a rate of at least 80–96 cubic feet of gas per pound of mineral coal and at a temperature of the gas of about 500° C.

1,578,377. AIRPLANE. MARION W. ADKINS, Kansas City, Mo. Filed Aug. 13, 1925. Serial No. 49,869. 10 Claims. (Cl. 244—5.)



1. In an airplane, an airplane wing, a channel bar fastened to the upper side thereof, a gas container mounted on said channel bar and overlapping the channel of said bar, and releasable means for fastening the container to said bar.

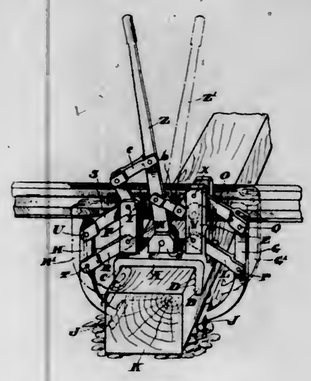
1,578,378. RAIL ANCHORAGE FOR HEAD-FREE RAIL JOINTS. VICTOR C. ARMSTRONG, Hackensack, N. J., assignor to The Rail Joint Company, New York, N. Y., a Corporation of New York. Filed Nov. 3, 1925. Serial No. 66,593. 3 Claims. (Cl. 238—125.)



1. A head-free rail joint structure including a rail provided at its head fillet with an abnormal projection of metal formed with a rounded bearing surface, and the joint bar having its inner head projection engaging said bearing surface.

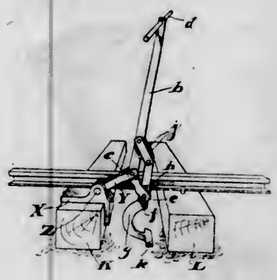
1,578,379. MECHANICAL TIE TAMPER. WILLIAM H. ARMSTRONG, Plainfield, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Nov. 19, 1925. Serial No. 69,951. 6 Claims. (Cl. 104—13.)

3. Tamping apparatus comprising a pair of tamper bars adapted to be placed at opposite sides of a tie, a lateral swinging lever, a shoe adapted to be placed on said tie to pivotally support said lever and said tamper



bars, and means operatively connecting said lever with said tamper bars to force said bars downwardly and toward each other under the tie.

1,578,380. MECHANICAL TIE TAMPER. WILLIAM HAROLD ARMSTRONG, Plainfield, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Nov. 19, 1925. Serial No. 69,952. 3 Claims. (Cl. 104—13.)

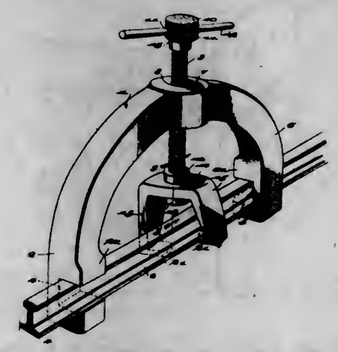


2. A tamping apparatus comprising a shoe having angularly disposed portions to grip a tie, and a bar pivotally mounted on said shoe for independent swinging and vertical movements adapted to tamp material under an adjacent tie.

1,578,381. RAIL STRAIGHTENER. LLOYD WARREN BAKER, Blue Rapids, Kans. Filed Aug. 20, 1925. Serial No. 51,416. 3 Claims. (Cl. 153—38.)

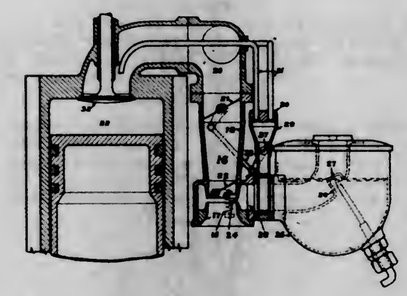
1. A rail-bending device comprising a body of substantially inverted U-shape, the arm portions of said body having lateral seats adjacent to their extremities at opposite sides of the body for the reception of spaced portions of a rail, said body having a threaded opening through the web portion thereof intermediate the ends of said arms, a screw in threaded engagement with the wall of said threaded opening, a puller head of inverted U-shape having an opening in the web portion there-

of through which the lower end portion of said screw extends, means on said screw preventing axial movement of the web of the puller head on the screw, the



arms of said puller head having inwardly turned lower end portions adapted to extend from opposite sides of the rail underneath the base flange of the rail.

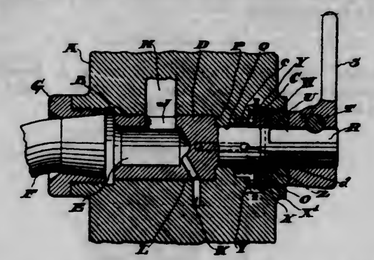
1,578,382. CARBURETOR. BRYANT BANNISTER, Pittsburgh, Pa., assignor to Bannister Motor Appliance Company, a Corporation of Pennsylvania. Filed Apr. 23, 1921. Serial No. 463,802. 6 Claims. (Cl. 123—119.)



1. In a carburetor comprising an air supply system having a throttle valve therein and an induction tube; a chamber in communication with the induction tube and into which fuel is induced by a pressure differential created by air flow through the induction tube, connections arranged to receive fuel from said chamber and deliver it directly to the separate cylinders of the engine with which the carburetor is employed, and automatically operating valve means in the induction tube arranged to maintain a pressure differential for insuring passage of the total fuel charge at all times through said chamber and connections.

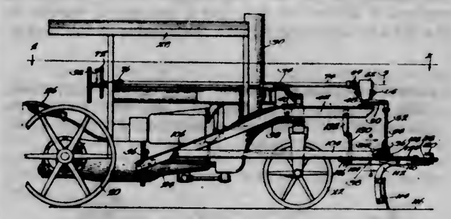
1,578,383. THROTTLE VALVE FOR ROCK DRILLS. LEWIS C. BAYLES and FRED M. SLATER, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed May 28, 1925. Serial No. 33,821. 4 Claims. (Cl. 251—168.)

1. In a throttle valve for rock drills, the combination of a head block, a valve in said head block, a stem carried by said valve, a ratchet ring on said stem, a slidable ratchet on the stem and cooperating with the ratchet



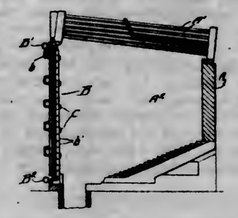
ring and the head block for holding the valve in located position, and means on the ratchet and ring to limit rotative movement of the valve.

1,578,384. ROAD-ROLLER MAINTAINER WITH REVERSIBLE BLADE. WILLIAM T. BRATTY, Flossmoor, FRANK S. DAVIS, Homewood, and FRED D. WILSON, Harvey, Ill.; said Davis and said Wilson assignors to Austin Manufacturing Co., Chicago, Ill., a Corporation of Illinois. Filed Nov. 5, 1923. Serial No. 672,727. 20 Claims. (Cl. 37—146.)



1. In mechanism of the class described, a road roller, a laterally shiftable support for a maintainer at an end of the roller, and a maintainer blade pivoted on the support adjustable to two different positions in which it selectively moves material engaged by it to different sides of the longitudinal axis of the machine.

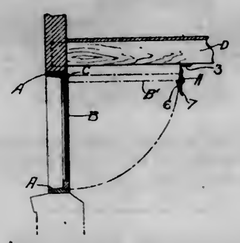
1,578,385. SOOT-BLOWING PROVISION. JOHN E. BALL, Brooklyn, N. Y., assignor to Power Specialty Company, New York, N. Y., a Corporation of New York. Filed Sept. 17, 1923. Serial No. 663,108. 3 Claims. (Cl. 122—390.)



1. In a fluid heating apparatus comprising parallel tubes encased by metal sections uniting to form a wall-like structure having a smooth heat absorbing face, the improvement which consists in enlargements of the tube receiving passages of some of said sections, whereby each such enlargement forms a channel in the corresponding section about the tube passing through that section, con-

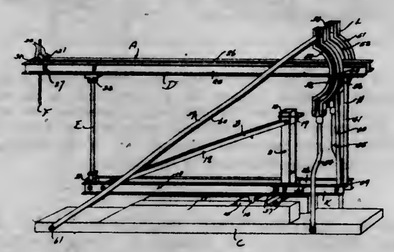
nections for supplying cleaning fluid to said channels, and nozzle provisions connected to said channels for discharging the cleaning fluid over the heat absorbing surface of the apparatus.

1,578,386. WINDOW LATCH. WILLIAM A. BINGHAM, Cleveland, Ohio. Filed Apr. 19, 1924. Serial No. 707,590. 1 Claim. (Cl. 292—219.)



A lift window latch comprising a depending bar, a latch member having its lower end portion loosely hooked into the bar and having an inclined intermediate portion and having at its upper end a tongue extending through the opening in the bar, said tongue having an opening through it beyond the bar, and a leaf spring secured to the bar and extending through the opening in the tongue.

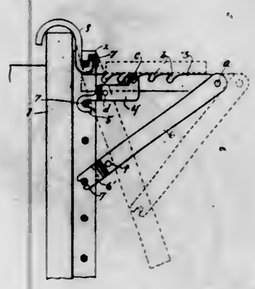
1,578,387. PUMPING JACK. JOHN A. BIRTCIEL, Tulsa, Okla., assignor of one-half to Tidal Oil Company, a Corporation of Oklahoma. Filed Dec. 1, 1924. Serial No. 753,293. 16 Claims. (Cl. 74—5.)



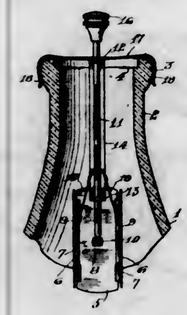
1. In combination a reciprocating polish rod, a base, a beam pivotally supported on the base intermediate its ends, a main beam, a pitman connecting the first mentioned beam at one side of the pivot axis thereof with said main beam intermediate the ends of said main beam, a connecting rod connecting the first mentioned beam with the main beam at the opposite side of the pivot axis of the first mentioned beam with respect to said pitman connection, and means connecting the polish rod with said main beam to the opposite side of the pitman connection with the main beam with respect to said connecting rod connected with said main beam.

1,578,388. LADDER BRACKET. ANDREW BOWER, Rockford, Mich. Filed Apr. 1, 1925. Serial No. 19,772. 1 Claim. (Cl. 304—34.)

In a bracket for supporting a platform upon a ladder, a supporting bar, a brace pivotally connected at one end to the bar and having its other end provided with notches to engage a ladder rung, the bar having forwardly inclined notches in its upper edge, a second bracket formed of two parallel bars spaced apart and having their front ends bent upwardly, a pin connected with said ends holding them together and positioned to enter any one of said inclined notches, a second pin connecting the middle portions of said parallel bars and positioned to pass under said supporting bar rearwardly of the first mentioned pin, the rear ends of said parallel bars being bent outwardly, then rearwardly, then downwardly to form hooks to engage the ends of a ladder rung.



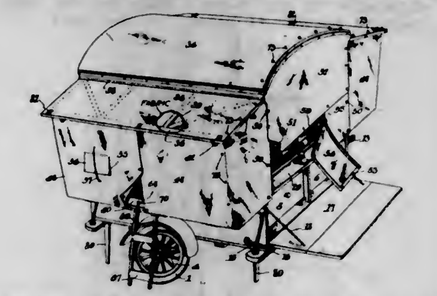
1,578,389. SEPARATOR. EDWIN O. BRANINGTON, Rochester, N. Y., assignor of one-half to Oscar A. Peters, Rochester, N. Y. Filed Feb. 15, 1924. Serial No. 693,141. 6 Claims. (Cl. 210—51.5.)



1. A device of the character described comprising, in combination, a foldable separator plate formed of three hingedly connected sections, an operating rod having pivotal connection with the center one of said sections, a guide on which said operating rod is axially movable, a support for said guide, and links connected to the other of said sections and to said guide, said links being the means for effecting turning of the center section about its pivotal connection and swinging of the side sections about their hinged connections on axial movement of the operating rod.

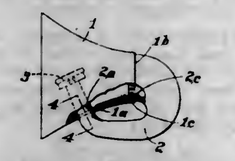
1,578,390. CAMP TRAILER. JULIUS MINOR BROWN, Dodsonville, Tex., assignor of one-half to Thomas Jefferson Stewart, Dodsonville, Tex. Filed June 24, 1920. Serial No. 391,491. 5 Claims. (Cl. 296—23.)

1. A camp trailer having a body portion divided into chest end compartments and a transversely extending water compartment positioned between the adjacent ends of the chest compartments, an inlet for supplying water to the water compartment, a delivery pipe leading from the water compartment and having a control valve located at one end of the trailer body, and a convertible end door



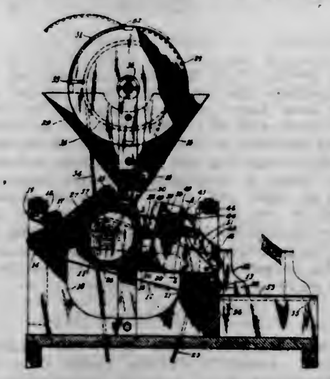
and table shelf located at the end of the trailer body where the delivery pipe from the water compartment is provided with its control valve.

1,578,391. SOUND AMPLIFIER. GEORGE W. BULLEY, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed July 2, 1925. Serial No. 41,197. 3 Claims. (Cl. 181—27.)



1. A horn or sound amplifier for radio receiving sets, having the neck thereof projected through one wall of the bell portion and terminating in the bell portion, and adapted to carry the loud speaker unit.

1,578,392. APPARATUS FOR ARRANGING LOOPED ARTICLES. CHARLES C. CADDEN, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Nov. 10, 1924. Serial No. 749,099. 14 Claims. (Cl. 214—1.)



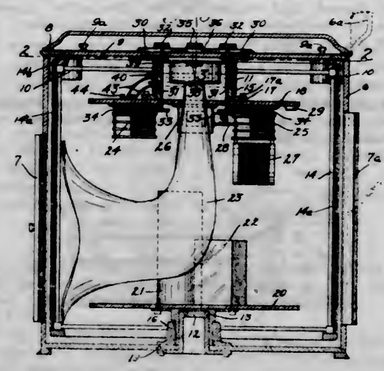
1. Apparatus of the character described comprising a conveyor screw and external journal means therefor, the screw and journal means being adapted to permit through passage along said screw of looped articles engaged by their loops thereon.

1,578,393. METHOD AND APPARATUS FOR ARRANGING LOOPED ARTICLES. CHARLES C. CADDEN, Akron, and LLOYD L. LANTZER and BENJAMIN A. EVANS, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Nov. 17, 1924. Serial No. 750,259. 20 Claims. (Cl. 241—1.)



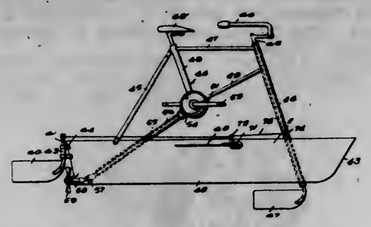
1. The method of arranging looped articles which comprises collecting said articles in file formation by engaging a collecting member in their loops, and sliding them in succession from said member to divide them into individual assemblages of determinate weight, the articles being weighed while in file formation to determine the points of division between successive assemblages.

1,578,394. RADIOCABINET. HOWARD E. CARLSON, Minneapolis, Minn. Filed May 8, 1924. Serial No. 711,839. 12 Claims. (Cl. 250—14.)



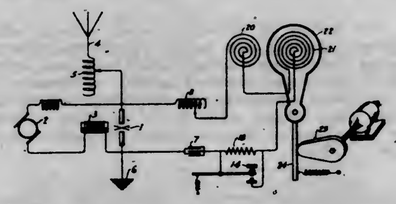
1. In a radio set, a stationary frame, a coil pivoted within said frame and means for mounting a plurality of pieces of apparatus within the figure generated by the revolution of said coil.

1,578,395. WATER BICYCLE. GLEN E. CHAPIN, San Antonio, Tex. Filed June 18, 1925. Serial No. 38,089. 2 Claims. (Cl. 115—27.)



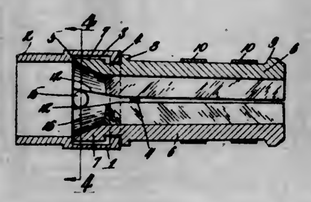
1. In a boat of the character described, a single longitudinally extending pontoon, a propeller carried by the rear end of the pontoon, means for operating the propeller, a steering and balancing rudder carried by the front end of the pontoon, flat balancing planes rockably carried by the pontoon at a point intermediate its ends normally arranged in a horizontal plane and means for operatively connecting the balance planes with the rudder.

1,578,396. RADIO SIGNALING SYSTEM. GEORGE H. CLARK, Brooklyn, N. Y., assignor to Radio Corporation of America, a Corporation of Delaware. Filed Apr. 26, 1921. Serial No. 464,555. 9 Claims. (Cl. 250—19.)



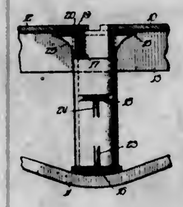
1. The method of signaling which comprises generating high frequency oscillations, supplying the energy thereof alternately to two tuned circuits, radiating signal waves from one thereof, absorbing energy in the other thereof, and controlling the alternation therebetween by mechanical variation of the impedance elements at an audio rate.

1,578,397. STOCK PUSHER. FRANK L. CONN, Windsor, Vt. Filed Feb. 3, 1923. Serial No. 616,690. 10 Claims. (Cl. 29—62.)



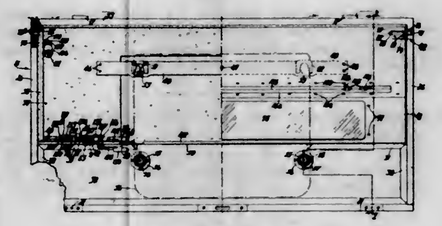
1. A device of the class described comprising a sleeve, a plurality of stock-engaging elements extending outwardly of said sleeve and formed at one end to interfit one end of said sleeve and means for urging such elements inwardly to grip stock extending therebetween and through said sleeve.

1,578,398. KING-POST FOR TRUSS BOLSTERS. EUGENE S. COOPER and CHRIS BAKER, Hammond, Ind., assignors to American Steel Foundries, Chicago, Ill., a Corporation of New Jersey. Filed Oct. 19, 1923. Serial No. 669,635. 14 Claims. (Cl. 105—229.)



2. A king post for a truss type of bolster, comprising a plurality of adjacently arranged tubes for resisting vertical and transverse strains and having directly associated therewith a hollow cylindrical portion for the reception of a king pin, said hollow cylindrical portion having a plurality of spaced arcuate projections adapted to pass into a non-circular opening in the associated compression member to prevent relative movement therebetween.

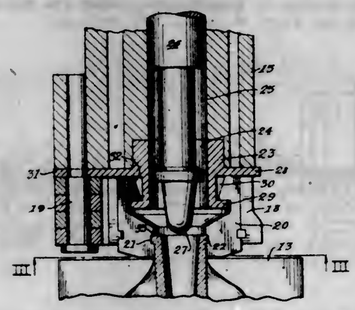
1,578,399. TYPEWRITING MACHINE. CORNELIUS B. CORCORAN, New York, and ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignors to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 30, 1922. Serial No. 609,793. 25 Claims. (Cl. 197—186.)



1. A casing, for a typewriting machine, of a fixed length sufficient for movement therein of the carriage on the main frame of the machine in the operation of the latter, and of a width sufficient to receive the keyboard extension as well as the rest of the machine; the casing having body and cover portions, and the body-portion having a longitudinal partition therein which forms the front wall of an interior sound-deadening chamber for the main frame and carriage of the machine; such partition having an opening therein through which the keyboard extension of the machine may protrude for accessibility to the operator when the cover-portion of the casing has been moved.

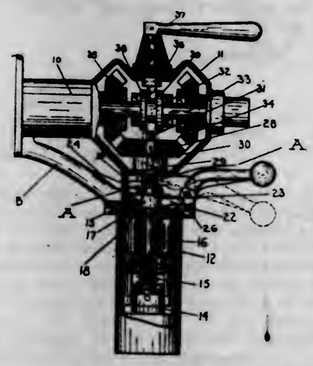
1,578,400. MACHINE FOR BLOWING GLASS ARTICLES. ALBERT N. CRAMER, Toledo, Ohio, assignor to The Owens Bottle Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 21, 1923. Serial No. 676,135. 3 Claims. (Cl. 49—18.)

1. The combination of a mold comprising arms hinged to swing about a common axis and a thimble comprising separable sections carried respectively by said arms, an adapter arranged to be surrounded by the thimble when the mold is closed, said adapter having a supporting surface in a plane perpendicular to said axis, said



thimble sections being formed to engage said supporting surface and thereby support the thimble sections during their opening and closing movements.

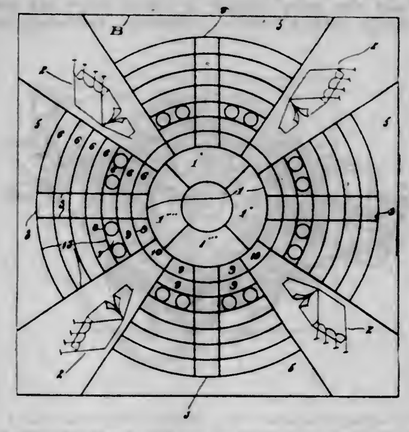
1,578,401. REMOVABLE WRINGER MECHANISM. HARRY J. CRINER, Bloomington, Ill. Filed July 20, 1921. Serial No. 486,157. 4 Claims. (Cl. 74—101.)



1. In a safety wringer mechanism, in combination, a bracket member including a horizontally disposed shaft having loosely mounted thereon two gears, a clutch mounted between said gears, means for throwing said clutch into engagement with either gear, a vertically positioned and tensioned shaft disposed below said first named shaft and having its upper end shaped in such manner that it is capable of engagement with the clutch mounted thereabove, a gear slidably mounted on the upper end of said vertically positioned shaft and having engagement with the first named gears, a collar surrounding said vertical shaft, said collar having an outwardly and downwardly projecting lug member, a key member in the vertical shaft just above said collar, and a lever pivoted to said bracket member and having such connection with the collar that movement of said lever is capable of raising or lowering the vertically positioned shaft.

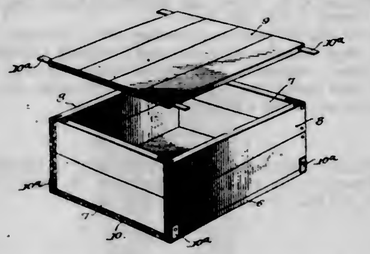
1,578,402. GAME. CHARLES C. CROSS, Philadelphia, Pa. Filed July 11, 1925. Serial No. 42,886. 2 Claims. (Cl. 273—134.)

1. A game apparatus including a board bearing a diagram provided with camp areas, neutral grounds between the outer ends of said camp areas, radial tunnel paths from said neutral grounds to the center of said board, a plurality of separate fort areas in the central



portion of said board and a radially inward trail area on one side of each camp area and a radially outward trail area on the other side of each camp area.

1,578,403. SHIPPING BOX OR CASE STRUCTURE. ERNEST STUART DANIELS, Washington, D. C. Filed Nov. 12, 1924. Serial No. 749,543. 1 Claim. (Cl. 217—69.)

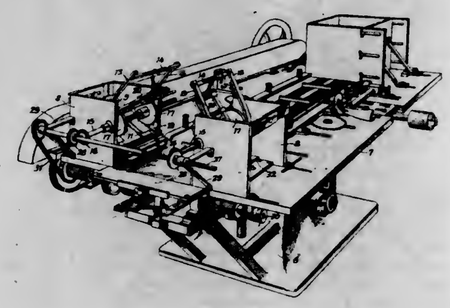


A wooden section forming the top, bottom, end or side of a packing box or case, comprising a plurality of joined panels of equal length, said panels being compositely united by a corrugated metallic strip pressed into the transverse edges thereof at opposite ends of the section, said strips running at substantially right angles to the grain in each of the panels and extending throughout the width of the section with their respective ends projecting slightly beyond the margins of said section to provide fastening clamps or flaps therefor.

1,578,404. SPLINE-FEEDING HOPPER AND STACKER. ERNEST STUART DANIELS, Washington, D. C. Filed Jan. 13, 1925. Serial No. 2,177. 6 Claims. (Cl. 144—245.)

1. An article feeding device comprising a receiver of box-like form having interior inclined slideways; guide-plates dependingly secured at the lower ends of said slideways in spaced relation to the front wall of the receiver to form a trough therewith; upwardly extending guide-bars secured with their lower end portions in parallel spaced relation to said slideways and forming a constricted passage-way therewith; a driven shaft journaled in the walls of said receiver; opposed discs rotat-

ably mounted on said shaft with their peripheries above the level of said slideways and provided with spaced radially projecting pins of different lengths, the longer of said pins being adapted to engage below and momentarily prevent articles successively descending the

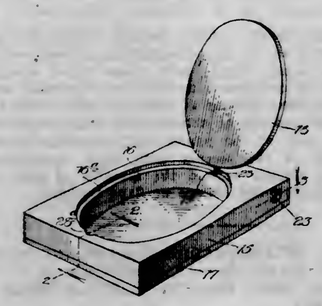


slideways beneath said discs and the shorter of said pins being adapted to prevent overcrowding of articles into said constricted passageway; a pivot shaft; a yoke rockingly mounted thereon; and cam elements intermittently engageable with said yoke for actuating the same.

1,578,405. PROCESS OF HYDRATION IN PAPER MAKING USING FRICTION. JUDSON A. DE CEW, Mount Vernon, N. Y. Filed Jan. 20, 1925. Serial No. 3,597. 1 Claim. (Cl. 92—20.)

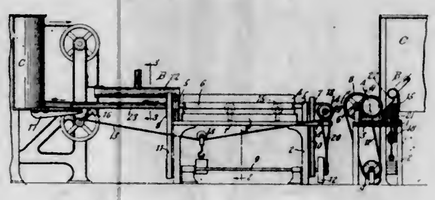
A method of preparing cellulose fibres for paper making, which consists in beating and jordaning the cellulose in water containing cold dilute soluble caustic alkali and then sizing the fibres by a special series of operations in which the alkalinity is neutralized.

1,578,406. MEDALLION MOUNTING. JOSEPH A. DEDOUCH, Oak Park, Ill. Filed Mar. 25, 1925. Serial No. 18,135. 5 Claims. (Cl. 217—57.)



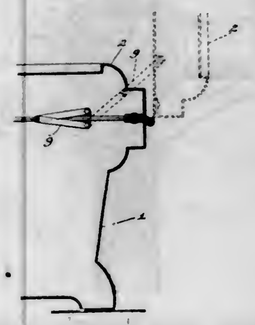
4. In a mounting for medallions and the like, a base, an opening therein, a cover having a ball secured thereto and lying on an axis thereof, a hole in said base adjacent said opening, and means in said hole for yieldably gripping said ball to enable said cover to be folded into said opening and to stand at any angle at which it is placed.

1,578,407. METHOD OF CONDITIONING CAN COVERS FOR SEALING. BRADLEY DEWEY, Cambridge, Mass., and THEODORE T. MILLER, Orange, N. J., assignors to Dewey & Almy Chemical Company, Cambridge, Mass., a Corporation of Massachusetts. Filed Feb. 17, 1925. Serial No. 9,823. 6 Claims. (Cl. 173—80.)



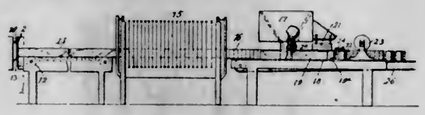
1. The method of conditioning a can cover for sealing which consists in successively applying liquid lining material to the cover in the form for sealing, drying the material on the covers, and thereafter curling the peripheral edge of the cover preparatory to sealing.

1,578,408. HINGE. JESSE N. DIDAY, Columbus, Ohio, assignor to The Belmont Casket Company, Columbus, Ohio, a Corporation of Ohio. Filed May 18, 1925. Serial No. 30,897. 1 Claim. (Cl. 16—172.)



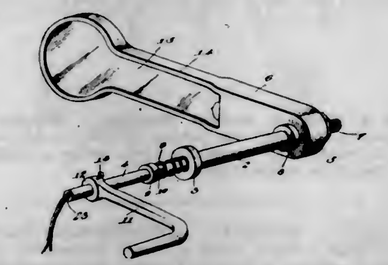
Hinging devices for the top of a receptacle in which the top is capable of dropping by gravity consisting of a plurality of hinges for the top, each hinge comprising a pair of leaves, one of said leaves having a pair of spaced-apart knuckles and the other leaf having a knuckle registering with the space betwen the knuckles of the other leaf, a pintle for said knuckles, said single knuckle being laterally offset with relation to its leaf and open at one side to permit it to be lifted from said pintle when the lid is in open position, the opposing leaves being formed to prevent the disconnection of said open knuckle from said pintle during the normal swinging movement of said top, means for limiting the normal swinging movement of said top but capable of being released to permit the top to make an abnormal movement for the purpose of disconnecting the open knuckle from said pintle, the offset relation of said open knuckle with respect to its leaf permitting the top to close tightly against the receptacle while permitting the hinge members to remain locked during normal movement of the top and to be disconnected by a lifting movement of the top from the receptacle after an abnormal movement of the top.

1,578,409. PROCESS OF FORMING FACE BRICK. SPENCER M. DUTY, Cleveland, Ohio, assignor to The Medal Brick and Tile Company, Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 29, 1924. Serial No. 758,623. 11 Claims. (Cl. 25—1.)



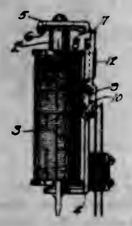
1. The process of producing face brick, which comprises forming a brick body of wet plastic material, applying to the surface thereof relatively dry and finely divided material having plastic qualities, and burning the bricks so as to cause a uniform and substantially homogeneous structure between the body and surfacing material.

1,578,410. TRAFFIC SIGNAL. CALVIN ELDER, St. Joseph, Mo., assignor to Mary M. Elder, St. Joseph, Mo. Filed Feb. 14, 1925. Serial No. 9,224. 1 Claim. (Cl. 116—54.)



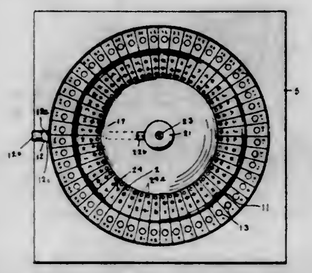
In a traffic signal adapted to be supported on a post, a bearing sleeve adapted to be mounted on the post, collars fitted on the end of the sleeve and adapted to engage the post, a shaft rotatably fitted in the bearing sleeve, a semaphore fixed on one end of the shaft and engageable with one of the collars, a coil spring having one end engageable within the collar, a collar fixed on the shaft and engaging the other end of the coil spring, and a handle independent of the collar and adjustably fixed on the shaft and turning the same.

1,578,411. ELECTROMAGNETIC RELAY. JOHN ERICKSON, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Oct. 1, 1920. Serial No. 414,103. 14 Claims. (Cl. 175—338.)



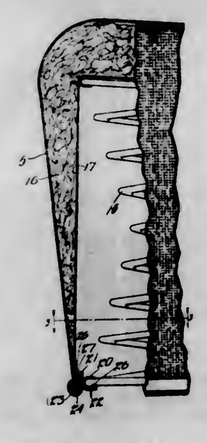
1. In an alternating current relay, an armature, and a friction brake for steadying the armature in attracted position as long as the relay is energised.

1,578,412. GAME DEVICE. JULIUS EWIG, Springfield, Mass. Filed Jan. 2, 1923. Serial No. 610,848. 4 Claims. (Cl. 273—142.)



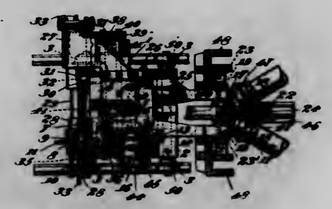
1. A game device consisting of a member provided with a series of selector positions, a spinner rotatively mounted in the member and carrying a series of individual card value indexes representative of a complete standard card deck of fifty-two cards, and means cooperating with the spinner whereby various plays may be produced by rotating the spinner.

1,578,413. UPHOLSTERY STRIP. WILLIAM H. EYSTER, Indianapolis, Ind. Filed Feb. 7, 1924. Serial No. 691,242. 4 Claims. (Cl. 155—180.)



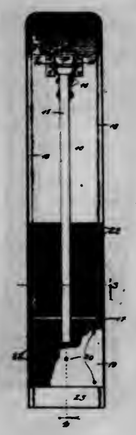
1. In combination a frame member, upholstering material having an edge adjacent to said frame member, a fastening strip having a body lying between the lower edge of said strip and the frame member, and sets of tongues at opposite sides of the body member the tongues of one of said sets being bent reversely upon themselves respectively about said edge of the upholstery and the tongues of the opposite set being bent reversely upon themselves, substantially as set forth.

1,578,414. MANIPULATOR. BENJAMIN F. FAUNCE, Westmont Borough, Pa. Filed Apr. 29, 1922. Serial No. 557,245. 16 Claims. (Cl. 80—16.)



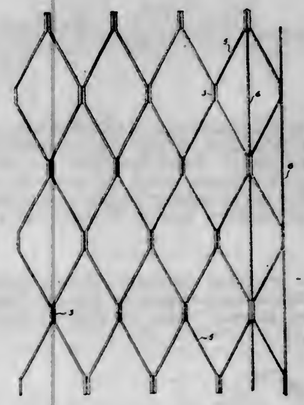
16. The combination with a wheel mill, of a manipulator provided with a pair of arms adapted to be relatively opened and closed and turned on an axis extending in the general direction of their lengths when closed, a mandrel rotatably mounted in the ends of said arms, adapted to rotatably hold a wheel blank, head-blocks on said mill provided with liners of suitable thicknesses adapted to hold and guide the ends of said arms at the level desired during the rolling of the blank, means for advancing said arms, and for permitting the automatic retraction thereof as the blank increases in diameter.

1,578,415. COASTING DEVICE. HOWARD J. FERRIS, Harvard, Ill., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill., a Corporation of Illinois. Filed Feb. 1, 1924. Serial No. 689,930. 4 Claims. (Cl. 280—22.)



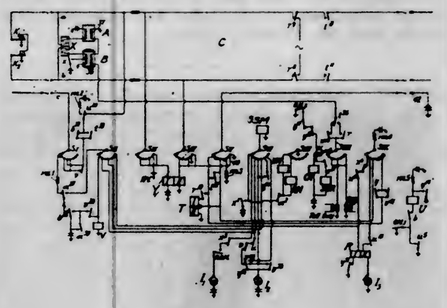
4. A coasting device comprising an elongated, flat, flexible, resilient toboggan member having an up-curved front end and having near its lateral edges depressed ribs affording runners, a tongue pivotally connected with the medial portion of said up-curved front end and adapted to warp said resilient member, and a foot-board disposed on the upper surface of the rear portion of said resilient member and secured thereto and serving as a stiffening member for the rear portion of the device.

1,578,416. STRUCTURAL MATERIAL. HURXTHAL FIELD FARBAER, Canton, Ohio. Filed Aug. 28, 1923. Serial No. 659,716. 8 Claims. (Cl. 72—117.)



5. A structural material including a plurality of strands and spaced bonds joining adjacent strands, some of the strands and intervening bonds having a plurality of continuous lateral folds.

1,578,417. AUTOMATIC TELEPHONE-EXCHANGE SYSTEM. GEORG FRÜSING, Berlin-Wilmersdorf, Germany, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Filed Sept. 1, 1921. Serial No. 497,679. 14 Claims. (Cl. 179—27.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



5. In a telephone system, a toll connector directively controlled by an operator for selecting a desired line, means in said connector for testing the selected line, means for preventing the operation of said testing means when the line is selected, and operator controlled means for causing the testing operation to take place at any desired time thereafter.

1,578,418. DISPENSER FOR GRANULAR MATERIAL. JOSEPH J. GANNON, Port Huron, Mich., assignor to Diamond Crystal Salt Company, St. Clair, Mich., a Corporation of Michigan. Filed May 26, 1924. Serial No. 715,989. 4 Claims. (Cl. 221—21.)



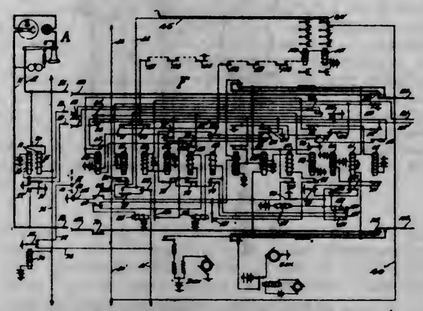
1. The combination of a container having a wall provided with slits and an opening between said slits, a closure member adapted to have its ends inserted in the wall slits so that said closure member may close the wall opening, and a discharge spout carrier by said closure member adapted to aline with the wall opening.

1,578,419. COMBINED DISCHARGE AND CLOSURE DEVICE. JOSEPH J. GANNON, Port Huron, Mich., assignor to Diamond Crystal Salt Company, St. Clair, Mich., a Corporation of Michigan. Filed May 26, 1924. Serial No. 715,990. 1 Claim. (Cl. 221—11.)



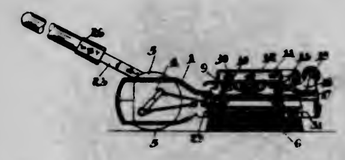
A combined discharge and closure device for a container having a wall opening, comprising a trough-like member pressed from a blank to form a trough tapering inwardly from its receiving end to its discharge end and providing side walls and a connecting wall, said trough-like member being mounted in the wall opening, said member having its side walls terminating in lugs extending under the connecting wall of said member and co-operating therewith in pivotally supporting the receiving end of said member and means for limiting the opening movement of the discharge end of said member.

1,578,420. AUTOMATIC TELEPHONE SYSTEM. JOHN E. GARDNER, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Oct. 11, 1921. Serial No. 507,016. 34 Claims. (Cl. 179—18.)



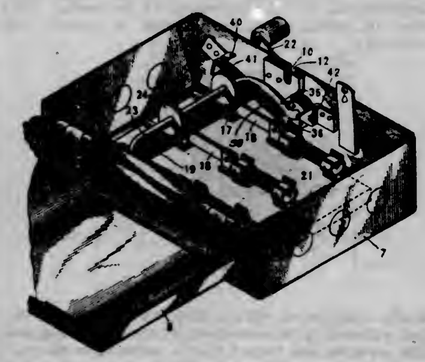
17. In a telephone system, a combination connector switch and finder switch, a combination line switch and finder switch, and a trunk line permanently linking said switches together.

1,578,421. FLOOR WAXER AND POLISHER. JOHN T. GARTON, Toronto, Ontario, Canada. Filed Aug. 21, 1923. Serial No. 658,626. 16 Claims. (Cl. 91—37.)



1. For use in a floor waxer, a waxing pad of soft flexible material having its under surface provided with a layer of substantially non-porous material, on the outer surface of which non-porous material the wax is carried; and a porous covering over the wax-coated surface.

1,578,422. INCLOSED QUICK-MAKE AND QUICK-BREAK SWITCH. BENJAMIN E. GETCHELL, Plainville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a Corporation of Connecticut. Filed Jan. 13, 1923. Serial No. 612,460. 9 Claims. (Cl. 200—67.)

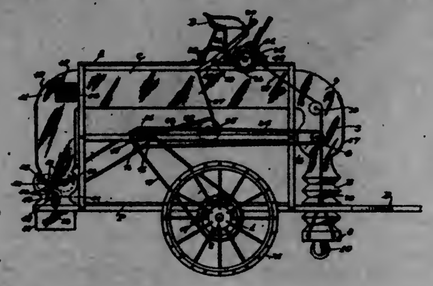


1. In an electric switch, a casing, a switch in the casing, operating means for the switch, a switch throwing spring operably connected at one end with the operating means, a guide bar for said spring and an abutment for one end of said spring, said abutment having an open ended slot to detachably receive said guide bar and having a projection adjacent said slot extending over the end of said spring to retain said spring in operative position.

1,578,423. INSECT DESTROYER. GEORGE W. GIBSON and HARVEY L. STEWART, Humphrey, Ark. Filed Jan. 7, 1924. Serial No. 684,828. 1 Claim. (Cl. 43—140.)

An apparatus of the class described comprising, in combination, a portable structure, a conduit supported thereby and extending in the direction of travel of the structure, a casing depending from one end portion of the conduit and in communication therewith, an expansible member depending from and in communication with the casing, means within and supported by the casing for creating a suction through the expansible member and forcing a blast through the conduit, a shaft supported by the structure and disposed transversely of the conduit, drums on the shaft, means for rotating the shaft, a flexible member operatively engaged with each

of the drums and with the lower portion of the expansible member, a guide pulley for each of the flexible members carried by a side wall of the conduit above



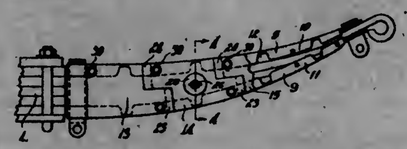
the depending casing, and a nozzle carried by the lower portion of the expansible member and in communication therewith.

1,578,424. MEANS FOR SECURING TOGETHER AGAINST ROTATION THE PARTS OF GEAR CASINGS. CLARENCE A. GODSHALK, Philadelphia, Pa., assignor to Fox Automotive Products Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed Nov. 16, 1922. Serial No. 601,867. 3 Claims. (Cl. 287—53.)



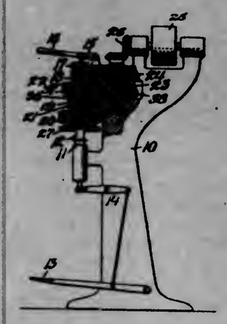
3. The combination with a case and a cover therefor having screw-threaded connection therewith, the end wall of the cover having formed in it a screw-threaded opening with which registers a groove formed in the skirt of the cover constituting a partial pin seat, of means for preventing rotation of the cover relative to the case, comprising a plug seated in the screw-threaded opening in the end of the cover, and a headed pin passing through the said plug and having a smooth portion adapted to enter the groove in the skirt of the cover and having its end adapted to cut a kerf in the wall of the case opposite the said groove as the pin is driven into the groove.

1,578,425. VEHICLE SPRING COVER. ALBERT R. GOLDRICK, Cleveland, Ohio, assignor, by mesne assignments, to Albert E. Hodgins, Cleveland, Ohio. Filed Mar. 15, 1923. Serial No. 625,189. 18 Claims. (Cl. 267—37.)



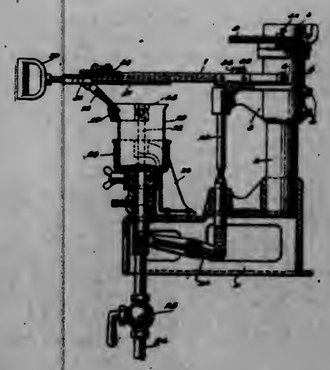
1. In a vehicle spring cover of the character described, the combination of a top member extending substantially one-half the length of the spring, a bottom member similarly extending along the spring and interengaging relatively movable side members pivotally connected to the top and bottom members, the pivotal connections being in staggered relation, whereby said top member may shift longitudinally of the spring relative to said bottom member.

1,578,426. MACHINE FOR CRIMPING POLYGONAL CANS. JAMES H. GORDON, Irvington, N. J. Filed Apr. 11, 1924. Serial No. 705,743. 3 Claims. (Cl. 113—24.)



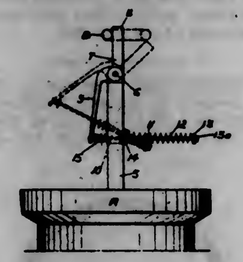
1. A machine for crimping the edges of cans of polygonal shape comprising a can holder, a support, a rotatable head in the support, an eccentric in the head, a pinion on the eccentric, a gear fixed against rotation and with which the pinion is in mesh, and a crimping tool supported from the eccentric so that when the head rotates, the crimping tool follows a polygonal path.

1,578,427. APPARATUS FOR SHAPING GLASS ARTICLES. DAVID E. GRAY, HARRY R. BOALS, and JAMES BAILEY, Corning, N. Y., assignors to Corning Glass Works, Corning, N. Y., a Corporation of New York. Filed Dec. 10, 1923. Serial No. 679,765. 9 Claims. (Cl. 49—7.)



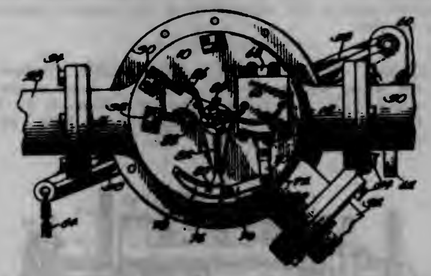
2. A glass shaping machine comprising, in combination, ware retaining means, means for heating the ware, a mold shiftable with respect to said ware retaining means, and laterally operable means for giving the ware the shape of the mold.

1,578,428. MAKE-UP POST FOR ROTARY-DRILLING APPARATUS. EDGAR B. GREVE, Bellevue, Pa. Filed Feb. 28, 1923. Serial No. 621,795. 1 Claim. (Cl. 255—35.)



A make-up post for rotary well drilling apparatus comprising a post, a two-armed lever pivotally carried at the top of the post, one arm of said lever being a tong engaging arm, means engaging the other arm for yieldably holding the tong engaging arm in a normal tong engaging position, said means including a spring, means for adjusting the effective action of the spring, and cushioning means for cushioning the rebound movement of said lever when suddenly released from an abnormal position.

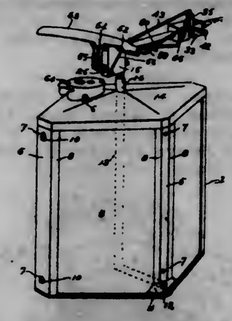
1,578,429. SWITCHING VALVE. AUBREY J. GRINDLE, Chicago, Ill., assignor to Grindle Fuel Equipment Company, Harvey, Ill., a Corporation of Illinois. Filed Feb. 15, 1923. Serial No. 619,318. 3 Claims. (Cl. 137—139.)



1. In mechanism of the class described, a valve case having a port, a pivotal valve in the case swingable over and off from said port, automatic means for so swinging it in one direction, means for selectively moving it in the opposite direction, an arm outside the case swinging in unison with the valve, a latch device, an electric solenoid adjacent to said arm, a core for said solenoid acting by gravity to force said latch device to lock said arm in each extreme position of the valve and means selectively applying current to said solenoid to lift the core.

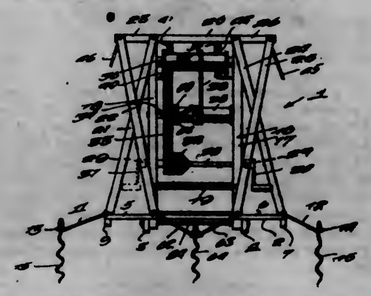
1,578,430. CIGAR LIGHTER. SAMUEL E. GUINN, Johnson City, Tenn., assignor to S. E. Guinn Manufacturing Co., Cincinnati, Ohio, a Corporation of New York. Filed Apr. 8, 1922, Serial No. 550,877. Renewed July 30, 1925. 10 Claims. (Cl. 67—4.1)

1. A cigar lighter, including a casing having a forward face presenting panel receiving advertising spaces, a gas conduit passing through the casing and extending above the same, a valve casing mounted upon the upper end of the conduit, a gas conduit passing through the valve casing, a gas pipe leading from said conduit and extending beyond the valve casing, a pyrophoric igniter supported on said pipe, a valve in the valve casing for



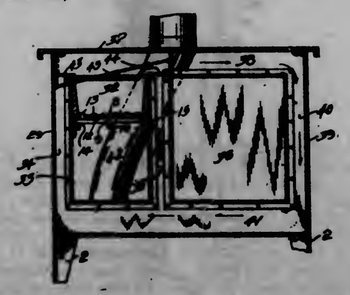
controlling the gas passage therethrough, and a handle mounted on the valve casing for operating the valve and pyrophoric igniter.

1,578,431. HAY-STACKING DEVICE. WENDELIN HAMAN, Berwick, N. Dak. Filed Feb. 14, 1925. Serial No. 9,098. 5 Claims. (Cl. 254—139.)



1. A stacking device including an upright, a series of horizontal shafts mounted thereon, a relatively large cog wheel fixed to one of said shafts, means for operating said wheel, and means whereby the rotation of the wheel will lift a load of hay from a wagon, the said means including a rope, one end of which is adapted to be removably attached to said cog wheel.

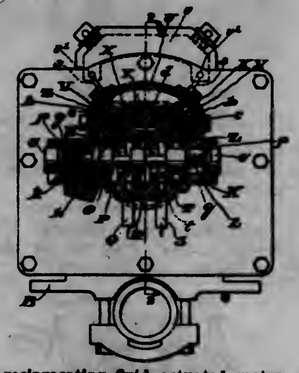
1,578,432. STOVE. HENRY C. HAMILTON and GEORGE W. BAILEY, Spokane, Wash. Filed June 9, 1924, Serial No. 718,727. Renewed Jan. 25, 1926. 1 Claim. (Cl. 126—1.)



The combination with a stove body of an oven and a spaced fire-box casing within the stove forming vertical side flues within the walls of the stove and an inter-

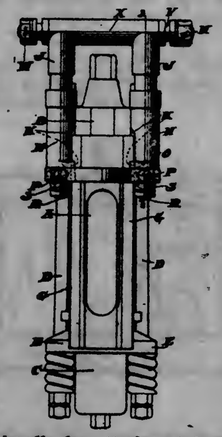
mediate vertical flue between the oven and casing and extending from top to bottom thereof, said stove having a top smoke flue, a lower base flue extending the full width of the stove beneath the oven and casing, a smoke pipe communicating with the base flue and dampers for controlling the passage of smoke through one side flue and the intermediate flue.

1,578,433. OILING DEVICE FOR FLAT-PISTON MOTORS. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Feb. 23, 1924. Serial No. 694,513. 2 Claims. (Cl. 184—55.)



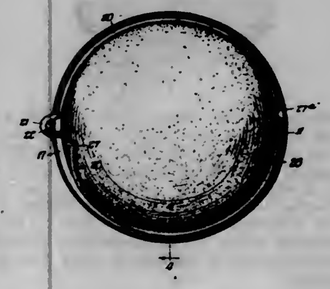
1. In a reciprocating fluid actuated motor, a cylinder head, a valve chest on said cylinder head, an oil reservoir formed integrally with said cylinder head, an oiling chamber within said reservoir communicating with a port in said valve chest, a pair of cartridges closing the ends of said oiling chamber adapted to be impregnated by oil from the reservoir and to deliver such oil to the motive fluid pulsating into the said oiling chamber from said valve chest, a rod extending through said cartridges and springs about said rod for maintaining said cartridges in position.

1,578,434. SPRING SINKER HANDLE FOR DRIFTERS. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Oct. 5, 1925. Serial No. 60,403. 3 Claims. (Cl. 121—36.)



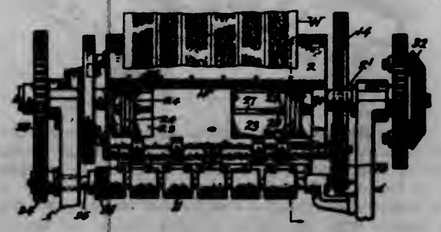
1. A spring handle for attachment to a fluid operated percussive rock drill of the drifter type, comprising handle brackets having grooves adapted to engage the usual ribs or slides on the cylinder of the rock drill, a cross brace between the said brackets, lugs on said brackets corresponding to the back head lugs of the rock drill, for attaching the said brackets to the cylinder by means of the usual side bolts, a handle attached to said brackets, and spring means within said brackets for absorbing the vibration of the rock drill.

1,578,435. VANITY CASE. CHARLES A. HEDDEN, Oak Park, Ill., assignor to Armour & Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 21, 1925 Serial No. 76,572. 6 Claims. (Cl. 132—83.)



1. A vanity case comprising base and cover members hinged at one side, a compact-retaining ring disposed resiliently within the base and overlying the compact margin, one terminal of the ring formed to serve as a cover-retaining catch and the other terminal movable radially of the base to clear the compact margin and permit removal and replacement of the compact relative to the ring.

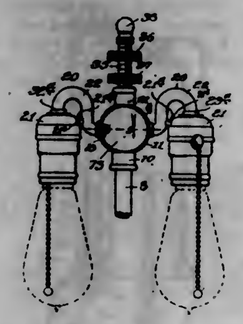
1,578,436. SHEET-CONTROL MECHANISM. FREDERICK HERB, Brooklyn, N. Y., assignor, by mesne assignments, to R. Hoe and Co., Inc., New York, N. Y., a Corporation of New York. Filed May 12, 1924. Serial No. 712,519. 10 Claims. (Cl. 270—76.)



4. The combination of a rotary cylinder having sheet taking devices, a co-operating abutment between which and the cylinder a product passes, recesses in the cylinder, holders movable widthwise in the recesses, and bearer segments mounted in the holders.

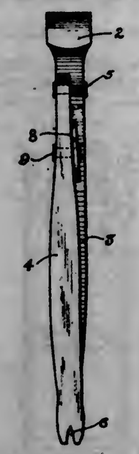
1,578,437. ELECTRIC-LAMP-SUPPORTING STRUCTURE. MAX HERSKOVITZ, Chicago, Ill., assignor to Peerless Light Company, Chicago, Ill., a Corporation of Maine. Filed Feb. 6, 1922. Serial No. 534,349. 4 Claims. (Cl. 240—78.)

1. In an electric-socket-equipped structure, the combination of a hollow supporting member made of sections, said member containing an opening in a side wall thereof, an electric-bulb-receiving socket having a portion extending into and rotatable in said opening for movement into different angular positions relative to said member, said



socket containing a groove located within said opening, and a screw engaging said sections and extending into said groove.

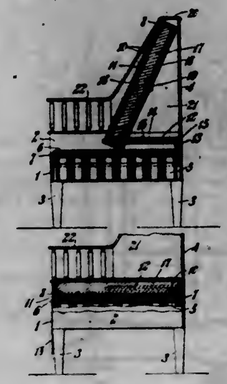
1,578,438. PINCERS. HERMAN R. HINTZ, Massillon, Ohio. Filed Mar. 5, 1921. Serial No. 449,666. 3 Claims. (Cl. 12—103.)



3. A pair of cobbler's pliers for removing heel lifts and the like comprising a pair of handle members pivoted together and opposed, substantially C-shaped jaws upon the handle members, each jaw terminating in a wide sharp edge arranged to meet the edge of the other jaw in the same line, and a plurality of teeth upon the sharp edge of each jaw, the teeth upon each jaw being staggered relative to the teeth upon the other jaw.

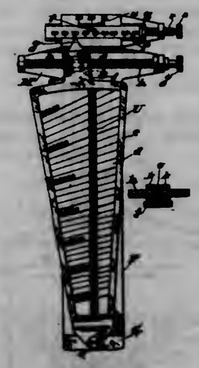
1,578,439. SETTEE BED. GUSTAVE J. HODISTER and KARL L. SCHREIBER, Leavenworth, Kans. Filed June 23, 1925. Serial No. 38,950. 5 Claims. (Cl. 5—43.)

1. In a combined bed and settee, the combination with a base frame, and a spring section supported thereon, and forming the seat portion when the device is used as a settee, of a springless movable back frame, adapted to be supported in a substantially vertical position, and provided with flexible material on its front face, and with means for supporting a mattress, in rear of said back frame and the flexible back material carried thereby, said back frame being adapted to be turned forward into horizontal position and to be supported throughout its entire extent by the seat spring section, when the device is used



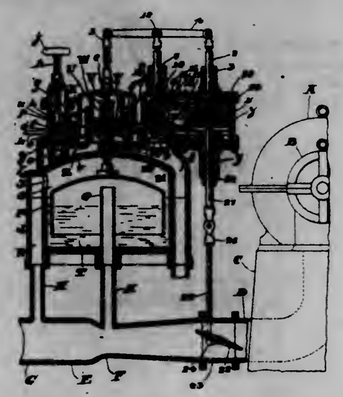
as a bed, and means for retaining the back frame in operative relation with the base frame in both of its positions, said last named means permitting free vertical movement of said back frame upon the spring seat.

1,578,440. VOLUME-REGULATOR GAUGE. PAUL HOFFMAN, East Orange, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Sept. 8, 1923. Serial No. 661,549. 4 Claims. (Cl. 73—31.)



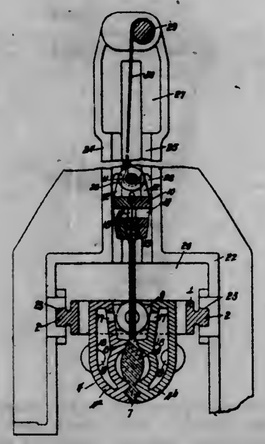
4. In a volume regulator gauge for compressors, a support, a frame having a fluid volume scale calibrated in fluid volumes under standard conditions pivoted to said support, a stationary barometric scale member, a temperature scale member adjustable with respect to said barometric scale, means for adjusting said fluid volume scale relative to said temperature scale member, and a tube for containing a liquid column said liquid column being adapted to be controlled by variations in the intake pressure of the compressor and adapted to cooperate with said fluid volume scale for indicating the fluid volume supplied to the compressor.

1,578,441. CONSTANT-VOLUME REGULATOR. LESLIE R. HUFF, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Nov. 3, 1925. Serial No. 66,628. 5 Claims. (Cl. 103—40.)



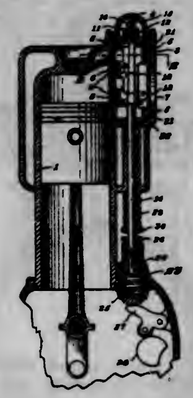
1. A constant volume regulator for a motor driven turbo blower comprising an intake conduit for the blower, a valve in the conduit, and means actuated by the air passing through the conduit for automatically adjusting the position of the valve whereby the intake volume of air to the blower may be controlled.

1,578,442. MANUFACTURE OF GLASSWARE. AUGUST KADOW, Toledo, Ohio, assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio, a Corporation of Ohio. Filed Mar. 27, 1922. Serial No. 547,011. 24 Claims. (Cl. 49—17.)



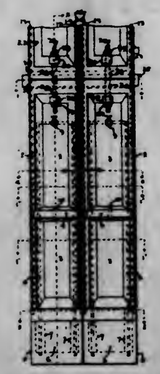
1. The method of forming glassware, which consists in gathering from a source of supply a quantity of molten glass into a gathering member, removing the charged gathering member from the source of supply, holding one portion of the glass in the gathering member and applying a stretching pull to another portion of the glass to draw it in predetermined form from the gathering member.

1,578,443. VALVE. LOUIS I. KEITZ, Cincinnati, Ohio. Filed Dec. 22, 1923. Serial No. 682,279. 6 Claims. (Cl. 123—188.)



1. In a valve as specified, a ported valve sleeve, a sliding valve therein, a locking stem movable relative to the sleeve and sliding valve, said valve and locking stem provided with inclined co-engaging surfaces whereby the locking stem will wedge the valve into clamped locking engagement with the interior of said sleeve at predetermined times.

1,578,444. SHEET PILING. HERBERT M. KNIGHT, Montclair, N. J. Filed Aug. 10, 1921. Serial No. 491,226. 13 Claims. (Cl. 61—59.)



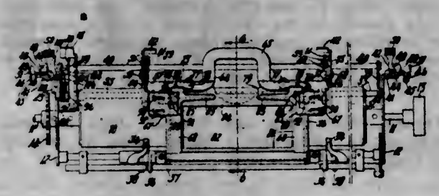
1. A pre-cast sheet-pile having a multiple of pockets in the face thereof.

1,578,445. GAME. JOHN G. KOEGLE, Toledo, Ohio, assignor to Industrial Research Corporation, Toledo, Ohio, a Corporation of Delaware. Filed May 28, 1920. Serial No. 384,803. 14 Claims. (Cl. 273—93.)



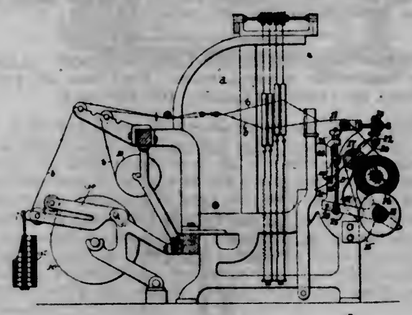
7. In a game device, two rotary members having surfaces to frictionally lock in contact with each other, means including a portion pivotally supporting one of said members, and a cushion portion normally supporting the other member out of contact with said first named member.

1,578,446. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 6, 1923. Serial No. 666,907. 19 Claims. (Cl. 197—135.)



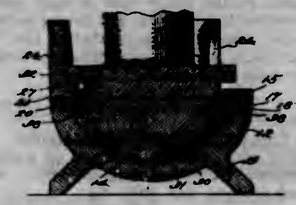
1. In a typewriting machine, a cylindrical platen, a card-holder curved over the face of the platen, means for pivotally supporting the card-holder behind the platen, a segmental ratchet fast to the machine-frame, a pawl-carrying arm for line-spacing the ratchet with the card-holder, and mechanism for line-spacing the platen comprising means for actuating the line-space-arm of the card-holder.

1,578,447. METHOD OF AND APPARATUS FOR PRODUCING CURVILINEAR FABRICS. OSCAR S. LAWTON, New Bedford, Mass., assignor of one-third to Arthur L. O'Leary, Fairhaven, Mass., and one-third to Harold W. O'Leary, Newton, Mass. Filed Sept. 17, 1921. Serial No. 501,435. 5 Claims. (Cl. 139—97.)



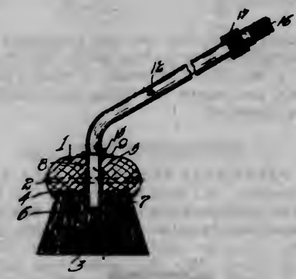
1. The method of making a curvilinear fabric with a loom having a tapered take-up roll, which consists in arranging the warp threads before they are fed into the loom in a predetermined relation to one another to form a tapered warp of the material thickness and so as to establish between the number of warp threads on opposite sides of the center of said tapered warp a ratio corresponding to the ratio between the diameters of the take-up roll on opposite sides of its center, and maintaining said warp threads in said established arrangement and under the same tension while passing through the loom.

1,578,448. METHOD OF PRESSING GLASS. STATES LEE LEBEY, Corning, N. Y. Filed July 16, 1925. Serial No. 44,075. 3 Claims. (Cl. 49—85.)



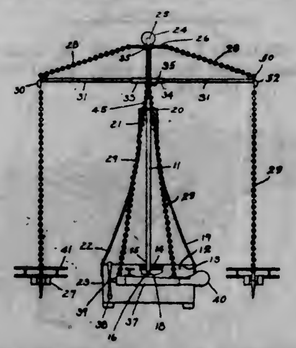
1. The method of preventing "sucks" in a pressed glass blank which comprises confining the shrinkage of the blank to a zone having unpressed walls and forming an optically non-essential portion of the blank.

1,578,449. BRUSH. ANTON A. LERAAS, Spokane, Wash. Filed May 18, 1925. Serial No. 31,036. 3 Claims. (Cl. 15—128.)



1. The combination with a brush head having a distributing sleeve therein, of a locking bushing having a head plate and a pair of opposed, arcuate, overhanging flanges on said plate, a tubular handle having a pair of complementary flanges for frictional co-action with the plate-flanges, and a set bolt for said complementary flanges.

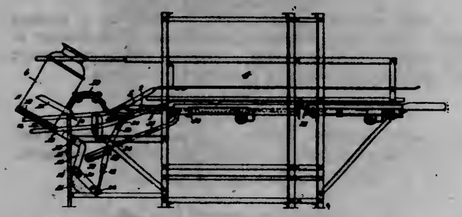
1,578,450. AERO SWING. JOHN LEVANDER, Forestville, Conn. Filed Apr. 18, 1923. Serial No. 632,830. 4 Claims. (Cl. 272—31.)



1. In an aero swing, a box-like base structure having shaft supporting means, a shaft connected to said means and extending upwardly from said structure, means for guiding the upper end portion of said shaft, an ornamental tip on the top end of said shaft, a tension plate

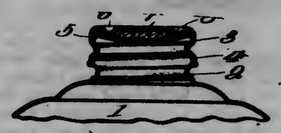
mounted on said shaft adjacent said tip and a thrust plate also mounted thereon and spaced below said tension plate, thrust rods extending outwardly from said thrust plate, hangers at the outer ends of said rods, having each an upwardly directed loop, and having each a pair of pendant hooks, tension chains connecting said loops and said tension plate, and a set of gondola devices hung individually from said hooks.

1,578,451. CAN-DELIVERING MECHANISM. CHARLES F. MCEWAN, Chicago, Ill., assignor to Harry D. Lathrop, Chicago, Ill. Filed Feb. 27, 1925. Serial No. 11,926. 10 Claims. (Cl. 214—1.)



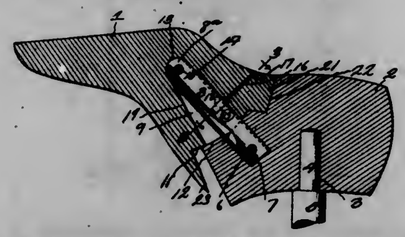
1. Mechanism of the class described comprising a pivoted platform characterised by having means for effecting the delivery of a can placed thereon, a counterweight for said platform, and means for tilting said platform, substantially as described.

1,578,452. VALVE-SEAT SEAL CAP. JOHN F. MCGARRAHAN, Riverside, Ill., assignor to Atlas Can Company, Geneva, Ill., a Corporation of Illinois. Filed May 23, 1924. Serial No. 715,418. 6 Claims. (Cl. 220—46.)



1. A container having an opening, a deformable annular flange, straight in cross section, defining the boundary of said opening, and a closure for said container, said closure being provided with an annular bead adapted to exert force against said flange at a region spaced slightly from the boundary of said opening and adapted to bend said flange inwardly to provide a conical seat.

1,578,453. DIVIDED LAST. JOHN M. MADIGAN, Haverhill, Mass. Filed Nov. 14, 1924. Serial No. 749,884. 5 Claims. (Cl. 12—136.)

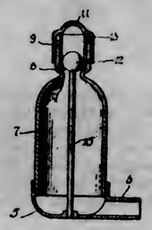


1. The combination with a shoe last, said last comprising a heel section, a fore section, of a cylindrical member carried by the heel section and extending into a tapered recess, said cylindrical member being pivotally mounted in the recessed inner end of the tapered recess and engaging the side walls of said recess, and a U-shaped spring member carried by one side of the tapered recess and cooperating with opposite sides of the cylindrical member for holding the same adjacent opposite sides of the recess.

1,578,454. MANUFACTURE OF ACETIC ANHYDRIDE AND ACETALDEHYDE FROM ETHYLIDENE DIACETATE. MELVILLE J. MARSHALL and GEORGE S. SHAW, Shawinigan Falls, Quebec, Canada, assignors, by mesne assignments, to Canadian Electro Products Company, Limited, Montreal, Canada. Filed Jan. 26, 1920. Serial No. 354,225. 9 Claims. (Cl. 260—128.)

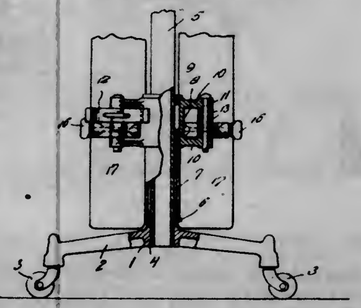
1. A process for the manufacture of acetic anhydride and acetaldehyde from ethylidene diacetate, in which phosphoric acid is added to the diacetate as a catalyst to facilitate decomposition of the diacetate by heat.

1,578,455. RADIATOR AIR VALVE. JOHN MARTENS, Chicago, Ill. Filed Oct. 8, 1923. Serial No. 667,187. 5 Claims. (Cl. 137—122.)



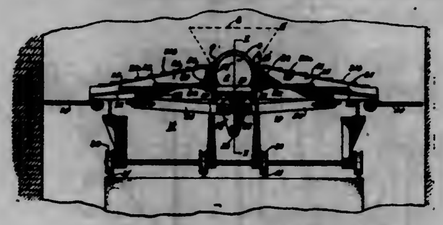
4. In a radiator air valve of the class described, a chamber, a neck portion extending from said chamber, said neck portion having an inwardly turned head forming an internal shoulder at the lower part thereof, a sleeve in said neck portion resting on said internal shoulder, a cap fitted over the top of said neck portion, a vent in the top of said cap, a ball check valve confined within said sleeve, and means for supporting the said ball check valve within the sleeve, said ball check valve being adapted to remain unseated while air is being discharged from the said vent and to close the said vent when vapor reaches the ball valve.

1,578,456. ANÆSTHETIZER-TANK BRACKET. LLOYD M. MASSMORE, Olympia, Wash. Filed Mar. 31, 1925. Serial No. 19,643. 3 Claims. (Cl. 248—20.)



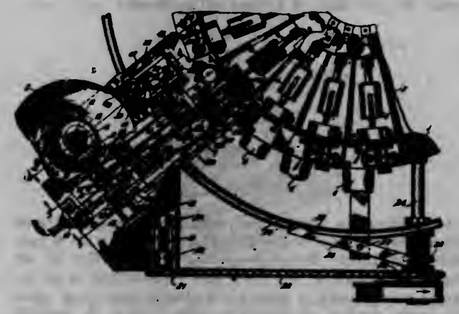
1. In combination, a supporting structure, a standard rising from the supporting structure, a sleeve resting on the supporting structure and disposed about the standard, a cylinder threaded to the upper end of the sleeve, a pair of arms projecting from the cylinder in vertical spaced relation, a pin extending through the ends of the arms, a pair of jaws pivoted to the pin, and a bolt engageable with the jaws for clamping them about a tank.

1,578,457. STOKER. REGINALD B. MILDON, Lansdowne, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 27, 1920. Serial No. 420,015. 15 Claims. (Cl. 110—47.)



1. In an underfeed stoker structure, the combination with a main retort having continuous side walls, of auxiliary retorts disposed beyond said side walls and arranged to receive fuel from said main retort.

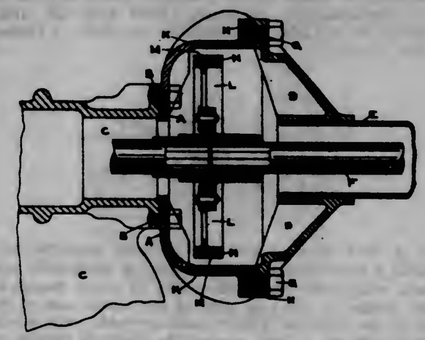
1,578,458. AUTOMATIC FEED FOR GAUGING APPARATUS. GEORGE LEE MILLER and HARRY F. HAINES, Canton, Ohio, assignors, by mesne assignments, to The Timken Roller Bearing Company, Canton, Ohio, a Corporation of Ohio. Filed Feb. 11, 1924. Serial No. 692,019. 13 Claims. (Cl. 209—72.)



1. A feeding device of the character described, including a sliding gate, a stationary plate above the gate, a movable member spaced from the end of the stationary plate adjacent to the end of the sliding gate, means for depositing a taper roller upon the gate and means for withdrawing the gate from beneath the roller and moving the movable member into engagement with the large end of the roller to bind the same between the end of the stationary plate and the movable member, permitting the roller to swing into vertical position with the small end downward.

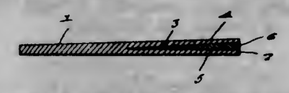
1,578,459. BRAKE MECHANISM FOR MOTOR ROAD VEHICLES. JOHN ALEXANDER MILLER and WILLIAM DOUGLAS MILLER, Brighouse, England. Filed Dec. 2, 1922. Serial No. 604,477. 3 Claims. (Cl. 188—77.)

1. In brake mechanism for motor propelled vehicles the combination with the propeller shaft, a brake-pulley thereon, and a brake-band surrounding said pulley and cooperating therewith, of a casing having openings therein inserted in a cut torque tube encasing the said shaft, said casing wholly surrounding the brake-pulley and comprising two separate sections, one section being secured to one part of the cut tube and the other section secured to another part thereof, both sections being suitably bolted together and cranked ends upon the aforesaid brake-band projecting through an opening in the said casing to which is secured the brake-operating rod, whereby the casing serves as a continuation or



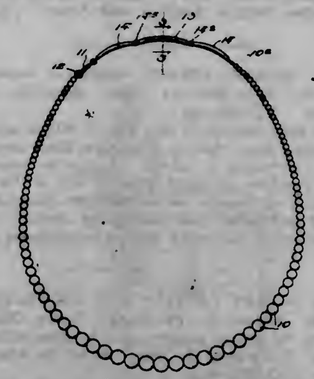
part of the torque tube, and gives access to the interior through one of the openings of which the brake-band may be dismantled, removed therefrom, or replaced upon the pulley.

1,578,460. SHOE SOLE. J. S. MITCHELL, Stuttgart, Ark. Filed Jan. 28, 1925. Serial No. 5,272. 1 Claim. (Cl. 36—30.)



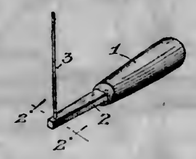
An outer sole for shoes, the outer edge thereof being slit longitudinally for its entire length, said slit extending inwardly to the longitudinal center of the sole, a leather wedge inserted in said slit between the divided portions formed thereby and cemented therein whereby the portion of the sole disposed adjacent the outer edge of a shoe is of greater thickness than the remaining portion of the sole, the portion of said wedge adjacent the toe portion of the sole tapering gradually toward the end of the wedge.

1,578,461. NECKLACE. HARRY MORRIS, Chicago, Ill., assignor to Morris, Mann & Reilly, Chicago, Ill., a Corporation of Illinois. Filed Aug. 2, 1924. Serial No. 729,743. 5 Claims. (Cl. 63—2.)



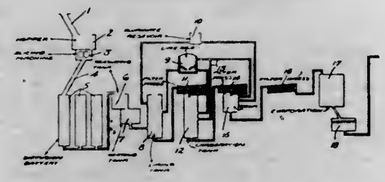
5. A necklace comprising a major flexible portion consisting of a string of beads; a minor curved stiff clasp portion having its inner side concaved; and means for detachably securing one end of the flexible portion to one end of the curved stiff portion.

1,578,462. HOOK-FORMING DEVICE FOR ELECTRODE SUPPORTS. ELMAN B. MYERS, Wayne, Pa., assignor to Radio Audion Company, Jersey City, N. J., a Corporation of Delaware. Filed Sept. 28, 1921, Serial No. 503,820. Renewed Jan. 23, 1926. 2 Claims. (Cl. 81—15.)



1. A hook forming tool for electrode supports comprising a shank and a handle thereon to manipulate said shank, said shank being formed with an orifice therein at right angles to the long axis of the shank and of the size of the electrode support, and provided with a side surface adapted to bear against the electrode support to determine the amount of curvature imparted thereto in forming the hook, and one edge of the shank being beveled at the edge thereof first adjacent the curved portion of the electrode support.

1,578,463. PROCESS OF MANUFACTURING BEET SUGAR. EDWARD E. NICHOLSON and RALPH B. BEAL, Minneapolis, Minn. Filed Oct. 6, 1924. Serial No. 741,872. 5 Claims. (Cl. 127—48.)



1. The process of manufacturing sugar which comprises extracting the juice from the raw products, treating said juice with an excess of caustic lime, adding a quantity of water soluble aluminate to precipitate portions of the excess of lime and other hydroxides present, for producing floccular and granular precipitates, filtering the resulting mass and treating the filtrate with carbon dioxide, then further filtering said juice.

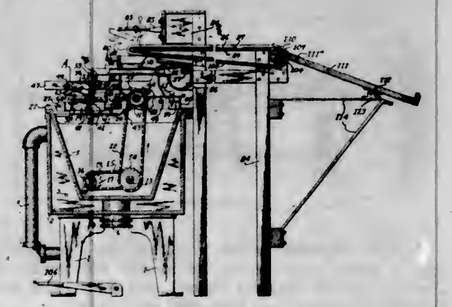
1,578,464. ENAMEL FINISH. GEORGE J. NIKOLAS, Chicago, Ill. Filed Mar. 11, 1920. Serial No. 365,100. 1 Claim. (Cl. 91—68.)

A solid body having its face coated with a smooth and hard multiple layer coating of uniform finely speckled appearance, including a colored lacquer-like coat having lustrous particles of solid pigment set in its face, a medial layer of transparent lacquer-like material blended integrally therewith and containing similar particles, and a protective outermost coat of transparent material.

1,578,465. CANDY COATING AND DECORATING MACHINE. ANGELO D. PANOULIAS, Jersey City, N. J., assignor, by mesne assignments, to Panayiotis D. Panoulias. Filed July 21, 1921. Serial No. 486,558. 32 Claims. (Cl. 91—3.)

3. In a machine of the character described, a receiving apron having one free end, means for smoothing said apron, together with means for advancing said apron.

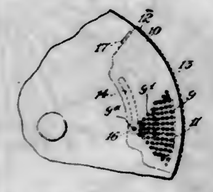
12. A method of coating caramels or other confections with chocolate or other coating material consisting of introducing a row of confections into a horizontally flowing stream of coating material, vibrating said confections while immersed in the stream of coating material, vibrating the row of confections after withdrawal from the coating stream, and simultaneously projecting a current of air on said coated confections.



13. In a confectionery coating machine, the combination with the kettle, of a row of narrow endless elevator belts therein for raising the coating material.

15. In a confectionery coating machine, a movable blower nozzle and means for moving the same across the coated confections.

1,578,466. STRAINER FOR POT COVERS. HERMAN PEARL, Morris Park, N. Y. Filed May 27, 1924. Serial No. 716,255. 1 Claim. (Cl. 53—8.)

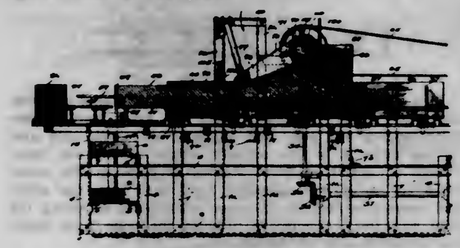


In combination with a pot cover having a plurality of spaced perforations in its wall and provided with a continuous marginal flange projecting downwardly at an angle to the body of the cover and terminating in an inwardly turned bead, a slide plate closely contacting upon the upper surface of the cover and having an opening therein through which a greater or less number of said perforations may be exposed, said plate also having an angularly disposed flange on one edge extending the entire length of said plate and closely overlying the flange on said cover, the edge of the flange on said plate extending inwardly upon the bead of the cover flange, said plate adjacent its inner edge having a longitudinally extending slot therein, and guide means on the cover engaged through said slot to limit the sliding movement of said plate and to retain the flange on said plate in contact throughout its length with the flange on said cover.

1,578,467. CONCRETE-BLOCK-MAKING MACHINE. JAMES M. PHILLIPS and HENRY D. PHILLIPS, Stanford, Ky., assignors of one-tenth to Matt R. Hargan, one-tenth to J. Welch Rochester, one-tenth to C. Hays Foster, one-tenth to Logan R. Hughes, and one-tenth to Kendrick S. Alcorn, all of Stanford, Ky. Filed Apr. 25, 1924. Serial No. 708,980. Renewed May 26, 1925. 35 Claims. (Cl. 25—99.)

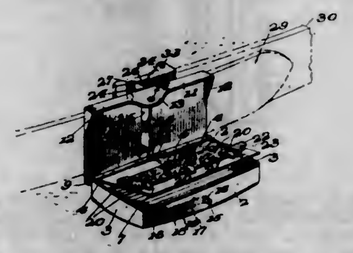
1. In a concrete block moulding machine, a rotating member, a tamping head having one end eccentrically connected to the rotating member to cause oscillation of the head, the working face of said tamping head being corrugated, each corrugation comprising a rib having curved inclined sides, with the side facing rearwardly being of greater extent than the other side.

9. In a continuous block moulding machine, an endless sectional conveyor, each section comprising a base plate, a pallet spaced above the base plate and swingably connected with the base plate.



17. In a continuous block moulding machine, a combined endless sectional conveyor and mould boxes, each section comprising a base member, arms pivotally mounted adjacent their ends at one side edge of the base member, a pallet spaced above the base member, a sleeve and bolt for connecting the arms with the pallet and maintaining the same in spaced relation, said pallet and arms adapted to be tilted relative to the base member, said arms being provided with curved ends adapted to engage the base member for limiting tilting movement of the pallet.

1,578,468. COMBINED MATCH BOX AND BELT BUCKLE. JULIAN RANKIN, Louisa, Ky. Filed June 10, 1925. Serial No. 36,161. 4 Claims. (Cl. 24—163.)



3. In a device of the character described, a case consisting of a hollow body, a lid hinged to the body, an angular fastening member pivotally supported on said lid, said fastening member comprising a jaw portion and a handle portion and being operable to clamp the end portion of a belt between said jaw portions and said lid, and a second fastening member comprising angularly related jaw and handle portions, said second fastening member being pivotally supported on the handle of the first named fastening member and being operable to clamp the second end of the belt between the jaw portion of the second named fastening member and the handle of the first named fastening member.

1,578,469. ELEVATOR. GEORGE B. READ, Bloomington, Ill. Filed Aug. 26, 1922. Serial No. 584,392. 11 Claims. (Cl. 198—189.)

1. In an elevator, in combination, a boot member, its side portions provided with a travel way therein, a head member provided with a travel way therein, side members connecting the head and boot, provided each with travel ways therein registering with the travel ways, respectively, in the head and boot members, a plurality of disconnected cog units disposed within the continuous travel way formed by the connected boot head and side members, buckets connected at intervals of the reach, formed by the abutting cog units, a sprocket wheel, cooperating with the cog unit train, adapted to cause the same to be advanced within the travel way.

9. In an elevator, a frame provided with a continuous travelway therein, a plurality of non-connected abut-

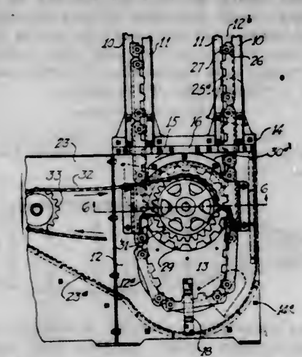
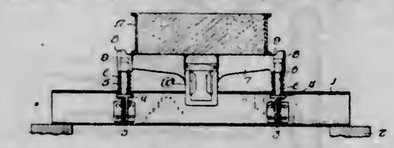


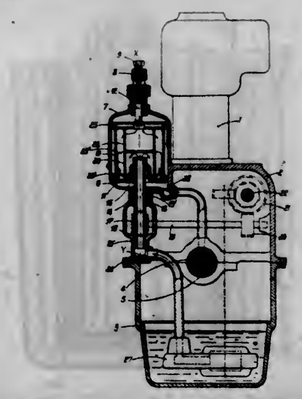
table carrying units constituting a train therein, grain supporting members mounted on selected pairs of units of said train, and means for advancing said train.

1,578,470. FLASK SHAKE OUT. ALEXANDER ROBERTSON, LUTHER S. RESSER, and HARRY E. WHEELER, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill., a Corporation of New Jersey. Filed Apr. 23, 1925. Serial No. 25,356. 6 Claims. (Cl. 22—45.)



1. A flask shakeout comprising relatively rigid supporting means, flask carrying means, resilient means between said supporting means and said flask carrying means, and reciprocating blow communicating means carried by said flask carrying means adapted to communicate a blow to said flask carrying means at each end of its stroke.

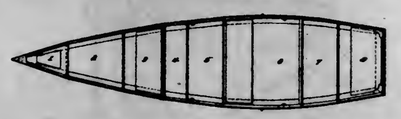
1,578,471. LUBRICATION OF INTERNAL-COMBUSTION ENGINES. LÉON SAIVES, Billancourt, France, assignor to Louis Renault, Billancourt, France. Filed Apr. 1, 1924. Serial No. 703,390. 1 Claim. (Cl. 184—6.)



An oil purifying apparatus for internal combustion engines comprising a base constituting an extension of the engine crank case, a vertical shaft bearing integral

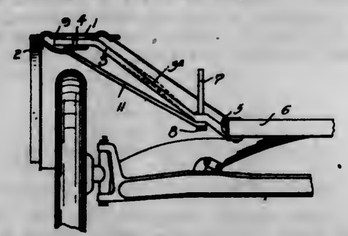
with the base, an oil supply pipe connecting the lower part of said bearing with the oil reservoir in the crank case, a hollow shaft journalled in said bearing, a rotor detachably connected to the upper open end of said shaft, a casing removably secured to said base, delivery pipes connected to said base, and gearing connecting said hollow shaft with a rotating part of the engine.

1,578,472. SECTIONAL BOAT. JAMES M. SAWYER, Chaplin, Conn. Filed July 7, 1924. Serial No. 724,616. 2 Claims. (Cl. 9—2.)



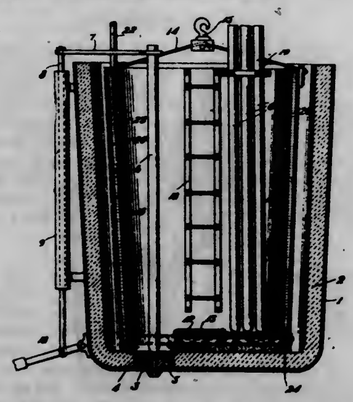
1. A boat comprising a plurality of sections having at their edges recesses, flanges provided with angular extensions seated and fixed in the recesses, and bolts for holding the flanges together.

1,578,473. FENDER BRACE. RUDOLF A. SCHIMANSKI, Spokane, Wash. Filed July 21, 1924. Serial No. 727,250. 1 Claim. (Cl. 280—152.)



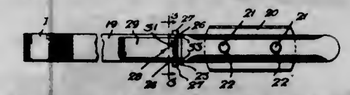
The combination in a fender support with an arched brace bar having its inner end secured to a fixed support, and a lamp post in said brace bar, of an auxiliary brace bar having its inner end secured on said post to the first brace bar, and an angular bracket at the outer end of the auxiliary brace bar for engagement with a fender.

1,578,474. LADLE CAGE. WALTER W. SHAWL, North Industry, Ohio, assignor of one-half to John W. Woodruff, Canton, Ohio. Filed June 19, 1925. Serial No. 38,240. 8 Claims. (Cl. 22—85.)



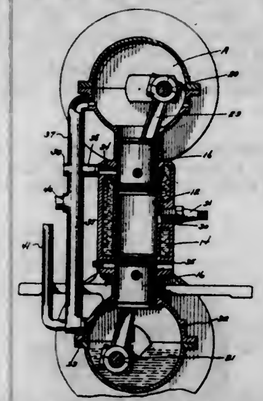
1. A protective cage adapted to be placed within a steel pouring ladle, and having an opening through which a workman may reach the interior of the ladle.

1,578,475. RAZOR-BLADE SHARPENER. REUBEN SIDMAN, San Francisco, Calif. Filed Sept. 24, 1924. Serial No. 739,625. 1 Claim. (Cl. 30—25.)



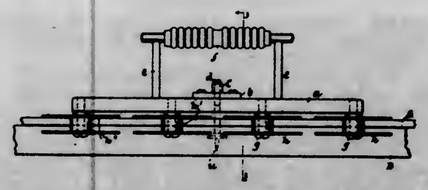
In a device for holding razor blades, a clamp comprising arms, a yoke extended about the arms, and a lever fulcrumed on the yoke and engaging one arm, said arm having notches in its opposite edges which are large enough to permit relative movement between the arms, when the lever is disengaged from said arm, the other arm being provided in its edges with seats receiving the yoke and small enough to prevent the yoke from shifting longitudinally of the device.

1,578,476. INTERNAL-COMBUSTION ENGINE. DANIEL C. SLAGHT, Easton, Pa. Filed Apr. 9, 1924. Serial No. 705,326. 2 Claims. (Cl. 123—51.)



2. In an internal combustion engine, a cylinder, a pair of oppositely disposed pistons reciprocally mounted within the cylinder, a crank case disposed at each end of the cylinder, a crankshaft disposed at each end of the cylinder, connecting rods for operatively connecting the pistons to the crank-shafts, a gear wheel keyed to one terminal of each crankshaft, a stub-shaft carried by the engine frame disposed at a point intermediate the ends of the cylinder, a bolt for connecting the stub-shaft to the engine and extending eccentrically through the stub-shaft, an idle gear rotatably mounted upon the stub-shaft meshing with the gears keyed to the crankshafts.

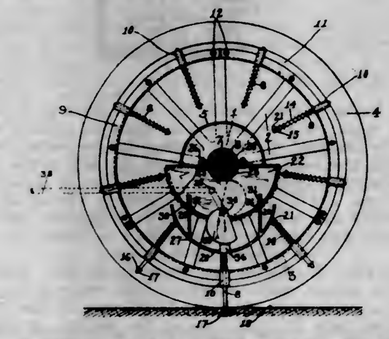
1,578,477. SHEET-ROCK CUTTER. NORMAN SMITH and FRED W. GALLAGHER, Lincoln Park, N. J. Filed July 11, 1925. Serial No. 43,054. 5 Claims. (Cl. 164—78.)



1. In an implement of the class described, the combination of a frame having a basal portion, a set of peripherally grooved freely revoluble guiding wheels arranged in alinement with each other on said portion, the frame including also another portion projecting rigidly

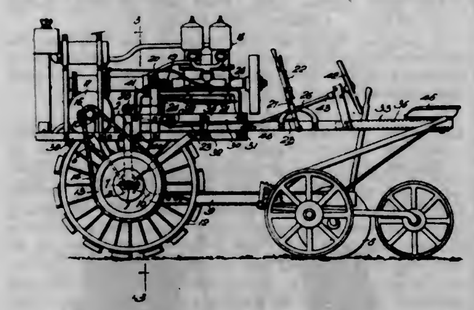
from the basal portion in angular relation to the set of wheels, and a tool-head adjustable on the latter portion toward and from the basal portion.

1,578,478. ANTISKID DEVICE. ROY G. SPRACHA, New York, N. Y. Filed Aug. 18, 1924. Serial No. 732,831. 6 Claims. (Cl. 301—48.)



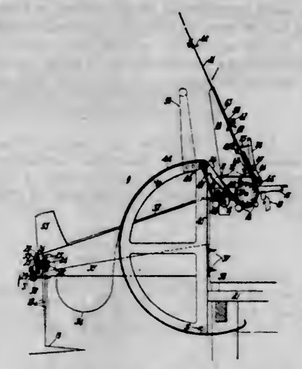
4. In combination with a vehicle wheel including a rim, an axle and a housing for said axle, a casing adapted to be removably secured to said housing between said axle and the traction surface, a reciprocatory plunger adapted to be mounted on said rim in a plane offset from the plane of said casing, a substantially semi-circular cam shoe mounted in said casing having an external bearing member, an eccentric cam within said casing, a cam shaft parallel with said axle and extending into said casing, said cam being rigidly secured to said cam shaft, means adapted to be located in proximity to the operating parts for said vehicle for producing rotation of said cam shaft and cam for projecting said cam shoe beyond the lower limit of said casing, and a plurality of spring pressed guides in said casing for causing said cam shoes to return to normal inoperative position, said bearing member having a portion adapted to extend beyond the side of said casing to a point substantially in the vertical plane of said plungers, whereby the cam shoe when projected may engage said plunger and cause the plunger to penetrate the traction surface.

1,578,479. TRACTOR. HENRY ALONZA STEWART and FRANK LENARD HOLT, Tullahoma, Tenn. Filed Apr. 1, 1925. Serial No. 19,978. 4 Claims. (Cl. 180—12.)



1. A tractor comprising an axle having an arch, wheels on the ends of the axle, a framework applied to the arch, a coupling bar, means including a king bolt by which said bar is pivotally attached to the arch for horizontal turning of the framework, and a yoke included in said framework having members situated both above and below said coupling bar permitting said horizontal turning but tending to prevent the tractor from tilting over forwardly.

1,578,480. TYPEWRITING MACHINE. BURNHAM C. STICKNEY, Rutherford, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed June 6, 1923. Serial No. 643,657. 8 Claims. (Cl. 197—126.)



1. In a web-manifolding typewriting machine, the combination with a revoluble platen, of means at the intake side of the platen for anchoring at their rear ends carbons interleaved with the plies of work-web, a carbon-stripper between the platen and said anchoring means in the form of a lifter movable upwardly from normal idle position to distend the composite web sufficiently to pull the web-plies forwardly to an extent to strip the carbons to position for the next form on the web; said stripper normally in such position that a loop of composite web forms between said anchoring means and the platen; and a clamp mounted to fasten the leading end of the web preparatory to the stripping operation.

1,578,481. PAVING BLOCK AND BUILDING MATERIAL. GEORGE B. STRYKER and FRANK A. MANTEL, Memphis, Tenn., assignors to The Stryker Kot-N-Wood Products Company, Memphis, Tenn., a Corporation of Tennessee. Filed May 3, 1922. Serial No. 558,274. 2 Claims. (Cl. 106—31.)

1. A paving block or building material comprising in parts by volume vegetable fiber 70 to 80 per cent, ashes 10 to 20 per cent, and a bituminous binder 10 to 20 per cent, substantially as set forth.

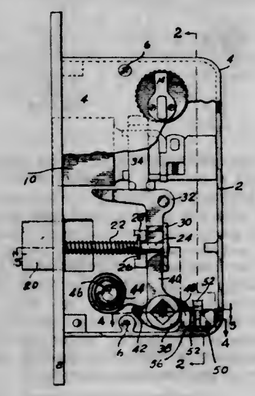
1,578,482. SPRING ROD FOR UNDERREAMERS. FRED SWAN, Marietta, Ohio. Filed Oct. 20, 1924. Serial No. 744,590. 3 Claims. (Cl. 255—75.)



1. In a well drilling tool, a body provided with tapering ways, cutters slidable in said ways into and out of expanded position, a spring for sliding the cutters upon the ways into expanded position, a spring rod connecting

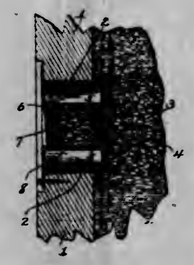
the cutters and the spring and means for engaging the spring rod to hold the cutters in contracted position against the force of the spring comprising trips carried by the tool body, and a slide carried by the spring rod provided with projections to be engaged by the trips, said slide being so mounted on the spring rod as to permit the spring rod to move relative to said projections against the force of the spring by which the spring rod is operated, and yielding means carried by the spring rod for resisting relative movement of the slide and spring rod.

1,578,483. LOCK. ERNEST L. TEICH, New Britain, Conn., assignor to The American Hardware Corporation, New Britain, Conn., a Corporation of Connecticut. Filed Aug. 4, 1925. Serial No. 48,039. 3 Claims. (Cl. 70—16.)



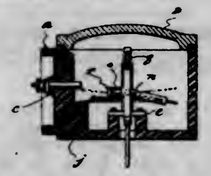
2. A lock having, in combination, a lock case, a latch bolt, knob shanks arranged end to end, a hub mounted on each of said shanks and arranged to retract said bolt upon turning movement of the shank associated therewith in one direction, and a stop member removably mounted in the lock case and adapted to be positioned to co-operate with a part of either of said hubs to prevent turning movement of either of said hubs in said direction, said lock case having an abutment preventing longitudinal movement of said stop member.

1,578,484. ROSIN SAMPLER. FREDERICK WILLIAM THOMAS, Savannah, Ga. Filed Oct. 27, 1925. Serial No. 65,254. 3 Claims. (Cl. 220—85.)



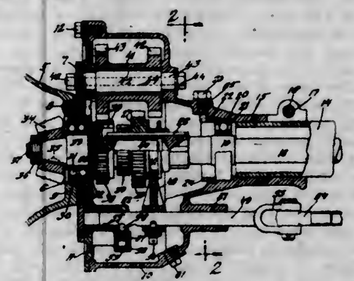
1. A sampler comprising a shell to be housed in the wall of a portable container and in communication with the interior of the container whereby to receive a portion of the contents of the container, and means removably held within the shell to hold and withdraw the receive portion of the contents of the container.

1,578,485. ELECTRIC SWITCH. SAMUEL H. TODD, Highland Park, Mich. Filed May 6, 1922. Serial No. 558,854. 3 Claims. (Cl. 200—67.)



1. In an electric switch, the combination of a standard, a pair of arms pivoted to swing on opposite sides of the standard, a spring between the two arms for resisting movement of the arms from one side to the other of a straight line position, a pair of contacts engaged by one arm, and a yoke-like slide slidably secured on the standard and a pair of levers connecting the yoke-like member with the other arm to actuate the same.

1,578,486. SPEED-CHANGING MECHANISM. JOHN G. UTZ, Detroit, Mich., assignor to The Warford Corporation, New York, N. Y., a Corporation of New York. Filed June 27, 1925. Serial No. 39,953. 4 Claims. (Cl. 74—56.)

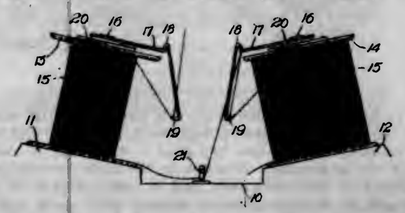


1. In combination, a housing having an opening therein, a member secured to said housing, an opening in said member larger than and aligned with said first opening, a transmission mechanism housing secured to said member and having a portion fitted in said first opening.

1,578,487. CLEANING COMPOUND. CHARLES J. WAGNER, Fort Lupton, Colo. Filed Mar. 8, 1922. Serial No. 542,112. 1 Claim. (Cl. 87—5.)

A cleaning compound consisting of the following ingredients in substantially the following proportions:—carbonate of soda three-fifths part, sulphur one-fifth part, turpentine one-tenth part, bluing one-tenth part.

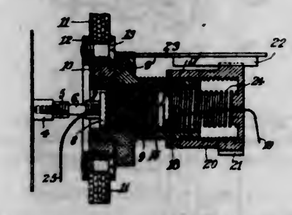
1,578,488. APPARATUS FOR HANDLING STRANDS. HOWARD GEORGE WALKER, Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 8, 1923. Serial No. 637,445. 12 Claims. (Cl. 242—128.)



9. In an apparatus for handling strands, a plurality of spools containing strand material, a flier associated with each spool, each of said fliers having a strand guide and

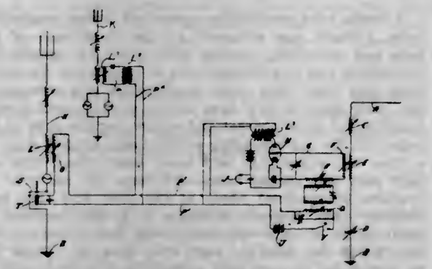
one of said fliers having a projection over which the strand may be looped, the outer end of strand material on one spool being connected to the inner end of strand material on another spool, and said fliers so constructed and arranged as to permit uninterrupted feed of strand material from said spools.

1,578,489. MICROPHONE. WILLIAM L. WALKER, New York, N. Y., assignor to Walker Signal & Equipment Corporation, New York, N. Y., a Corporation of Delaware. Filed Aug. 12, 1921. Serial No. 491,715. 12 Claims. (Cl. 177—386.)



10. A microphone comprising, a series of conductive current varying elements in the form of successive plates, opposed conducting plates having a series of sharp points contacting with the outer elements of said series, a resilient member contacting with one of said plates, a non-resilient insulating connector for uniting the other of said plates with the diaphragm of the microphone, an insulating tube in which said elements, plates and resilient member are supported, a screw threaded cap engaging said tube and adapted to determine the compression of said resilient member to fix the pressure between said elements and means for holding said cap in various positions axially.

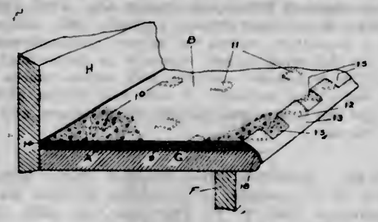
1,578,490. APPARATUS FOR PREVENTING INTERFERENCE IN RADIOSIGNALING. ROY A. WEAGANT, New York, N. Y., assignor to Radio Corporation of America, a Corporation of Delaware. Filed Apr. 30, 1920. Serial No. 377,764. 2 Claims. (Cl. 250—9.)



2. In radio signaling systems the combination of a receiving station and a transmitting station means for generating two radio frequency currents adapted to give a beat frequency and a circuit extending from one station to the other for conveying said beat frequency currents to the receiver, and means for utilizing said beat frequency currents from said circuit to balance similar currents collected by the receiving station due to radiation from the transmitting station.

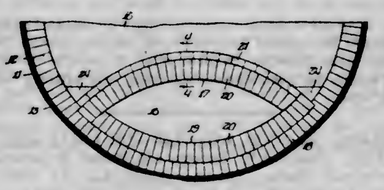
1,578,491. STAIR TREAD. HAROLD A. WELCOME, Lowell, Mass., assignor to American Mason Safety Tread Company, Lowell, Mass., a Corporation. Filed Mar. 6, 1924. Serial No. 697,357. 1 Claim. (Cl. 20—79.)

In a stair tread, the combination of a sheet metal base having locking members, and a front edge from which integral spaced front lugs extend upwardly; with a non-slipping composition which covers the locking members



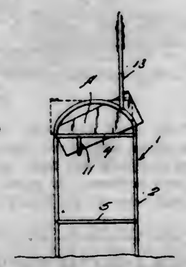
and extends with a smooth top over the whole of the base and between the front and top faces of the front lugs.

1,578,492. HOT-BLAST STOVE. FREDERICK H. WILLCOX, Chicago, Ill., assignor to Freyn, Brassert & Company, Chicago, Ill., a Corporation of Maine. Filed May 17, 1924. Serial No. 713,965. 3 Claims. (Cl. 72—91.)



1. In a hot blast stove arch wall construction a plurality of courses, each course comprising a face portion formed of bricks segmental in plan whereby each brick is held against inward movement by engagement with the adjacent bricks and a backing portion formed of straight bricks.

1,578,493. STAND. WALTER D. WINTON, Visalia, Calif. Filed Jan. 13, 1925. Serial No. 2,159. 1 Claim. (Cl. 211—14.)

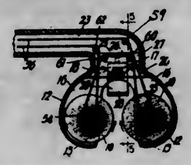


A stand for supporting a box in an inclined position comprising a pair of inverted U-shaped standards vertically disposed in spaced relation, a front horizontal cross bar extending between the forward portions of the standards and adapted to be abutted by the front of a box supported in the stand, a second horizontal cross bar disposed between the standards adjacent the front thereof, to the rear of the front horizontal cross bar, and below the horizontal plane of said front horizontal cross bar, and adapted to be abutted by the front portion of the bottom of the box, and a third horizontal cross bar disposed between the rear portions of the standards above the horizontal plane of the front horizontal cross bar and to the rear of the second horizontal bar for the purpose of supporting the rear portion of the bottom of said box.

1,578,494. PROTECTIVE COATING FOR BATTERY TERMINALS AND METHOD OF MAKING SAME. PAUL ARTHUR WOLFF, St. Joseph, Mo. Filed July 28, 1924. Serial No. 728,643. 2 Claims. (Cl. 134—1.)

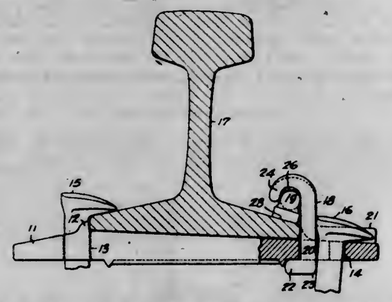
1. A protective coating for battery terminals comprising the following named elements in proportions substantially as follows:—paraffin wax sixteen ounces, beeswax one ounce, carbonate of soda four ounces, glycerine one and one half ounces, paraffin oil one ounce, and resin two ounces.

1,578,495. TOOTHBRUSH. STANLEY ZAVS, Richmond Hill, N. Y., assignor of two-fifths to John Karalus, Richmond Hill, N. Y. Filed Aug. 31, 1925. Serial No. 53,475. 7 Claims. (Cl. 15—25.)



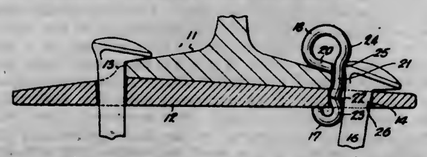
1. A tooth brush comprising a pair of rotatable brushes, arranged on spaced parallel axes, manual means for rotating said brushes co-incidently in reverse directions, and means for normally constraining said brushes towards each other.

1,578,496. ANCHOR AND CLIP FOR RAILS AND THE LIKE. FRANCIS W. COOPER and HENRY STEADWORTHY, Montreal, Quebec, Canada. Filed Aug. 11, 1922. Serial No. 581,158. 35 Claims. (Cl. 238—354.)



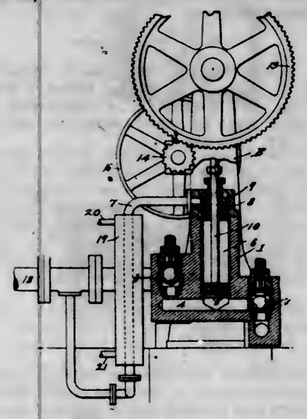
1. A device of the class described, comprising a member hooked at its upper and lower ends to engage under a tie plate and to overlie a rail base, and a resilient key adapted to be driven between the upper hook end of the member and the rail base to yieldingly connect the plate and rail.

1,578,497. ANCHOR AND CLIP FOR RAILS AND THE LIKE. FRANCIS W. COOPER and HENRY STEADWORTHY, Montreal, Quebec, Canada. Filed Oct. 2, 1922. Serial No. 591,877. 39 Claims. (Cl. 238—353.)



2. Means to yieldingly clamp together a rail and a device located thereunder comprising, a resilient clamping member engageable at one end under such device and at the other end with the upper surface of the rail base.

1,578,498. PUMP. PAUL DISBRENS, New York, N. Y., assignor to Worthington Pump & Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Oct. 29, 1924. Serial No. 746,469. 5 Claims. (Cl. 103—153.)



1. A pump for hot liquids, comprising a plunger bore, a single-acting plunger arranged to work in said bore and actuating means for said plunger, a surge chamber on the dead side of the plunger, and a connection to the pump arranged to maintain cool liquid in said chamber.

1,578,499. DRAFT YOKE. GEORGE W. DITMORE, Albany, N. Y., and CLIFTON W. SHERMAN, Hamilton, Ontario, Canada. Filed Sept. 6, 1924. Serial No. 736,210. 1 Claim. (Cl. 213—67.)

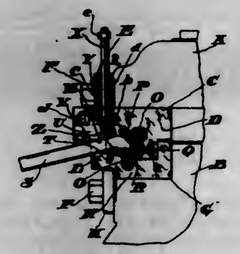


A draft yoke comprising upper and lower longitudinal bars, vertical lugs arranged at the front ends of said bars and projecting toward each other, an upright stop connecting the longitudinal bars at a distance rearwardly from said lugs, thick inner longitudinal ribs arranged on the inner sides of said bars at one pair of corresponding longitudinal edges thereof and connecting the ends of said lugs with the corresponding vertical edge of said stop, and a thin web connecting said inner longiutdinal ribs with said stop and spaced from said lugs, the space at the opposite longitudinal edges of the bars and stop being entirely open, thereby forming a pocket between the front parts of said bars, lugs, stop, inner ribs and web into which the enlarged butt of a draw bar shank may be introduced through said entirely open side thereof and engaged with its front and rear shoulders against the opposing sides of said lugs and stop, said inner ribs reinforcing said lugs and stop, said web holding said bars against spreading, and the space in front of said web permitting a tool to be engaged with said butt for driving the same laterally out of said pocket.

1,578,500. FORGING MACHINE FOR COAL-CUTTER PICKS. JESSE DITSON, Littleton, Colo., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Sept. 26, 1925. Serial No. 58,722. 3 Claims. (Cl. 76—5.)

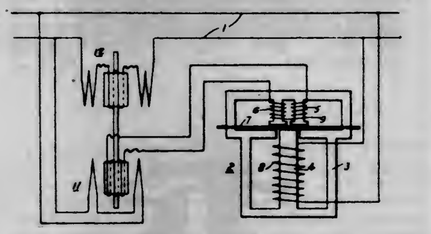
1. In a machine for forging a pick, the combination of a stationary main cylinder with a reciprocatory cross head, a top die holder on the cross head, a top forming die carried by said die holder, a bottom die holder secured

to the main cylinder, a bottom die secured to the bottom die holder, an eccentric member pivoted on the bottom die holder for clamping a pick immovably on the bottom



die, and a lifter controlled by the cross head for holding the eccentric member in clamping position and for rocking the eccentric member to releasing position.

1,578,501. ELECTRICAL MEASURING INSTRUMENT. LEO DORFMAN, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 7, 1920. Serial No. 428,877. 5 Claims. (Cl. 171—309.)



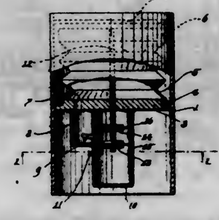
1. A volt-ampere meter for an alternating-current circuit comprising a movable indicating member, meter windings for actuating the same, one of which is energized in accordance with one of the factors of the apparent energy of the circuit, an induction regulator having a primary winding connected to the circuit and a secondary winding connected to the other meter winding, and a torque motor device responsive to only one quantity of the circuit for actuating said regulator.

1,578,502. HAND TOOL. ERNEST O. ESTWING, Rockford, Ill., assignor to Estwing Manufacturing Company, Inc., Rockford, Ill., a Corporation of Illinois. Filed July 17, 1924. Serial No. 726,433. 3 Claims. (Cl. 145—2.)



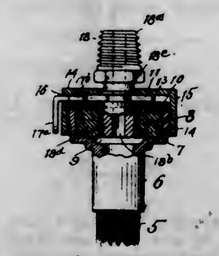
3. A hand striking tool comprising a forged one-piece striking head and handle, the handle having substantially from end to end a cross-section elongated in a plane parallel with the plane of the head to secure the maximum strength in the plane in which most stresses occur in striking with the tool and also being so proportioned in cross-section that greater strength is thrown toward the head end of the handle where the striking strain tends to concentrate while lightening the handle as the strain diminishes, the tool being heat treated to permit maximum reduction in cross-section for lightness while retaining strength.

1,578,503. TALKING-TOY MECHANISM. FRED EVANS, Summit, N. J., assignor, by mesne assignments, to Voices Incorporated, a Corporation of Delaware. Filed Mar. 21, 1923. Serial No. 626,499. 7 Claims. (Cl. 46—46.)



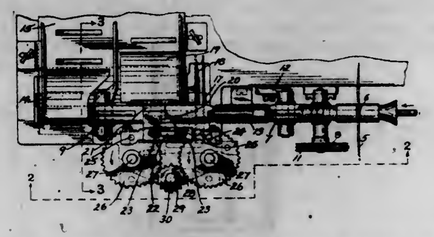
1. A device of the class described having in combination a casing, a bellows therein having two heads, one being weighted and movable toward and from the other by gravity, a chamber secured to one of said heads and communicating with the interior of the bellows by a passage through the head, a second chamber secured to the same head and a reed pipe connecting said two chambers, said last mentioned chamber having a side opening to the atmosphere and a piston valve movable in said last mentioned chamber past said side opening to control the issuance of sound from the reed pipe to the atmosphere.

1,578,504. COUPLING. ADELBERT E. BRONSON and ERNEST L. FULLER, Cleveland, Ohio, assignors to The Dill Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 7, 1921. Serial No. 435,725. 2 Claims. (Cl. 285—170.)



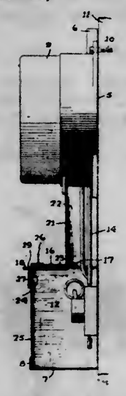
2. A detachable coupling for conduit sections, comprising interlocking plug and socket members at the ends of the sections to be joined, said socket member comprising an enlarged externally threaded end member having a cup shaped recess, a packing member fitting in the recess and projecting beyond the outer end of the end member, said packing member having a central opening, a cap adapted to be screwed on the end member, said cap having an opening aligned with the opening in the packing member, a plate overlying said packing member and having an opening aligned therewith, said plate being supported by the packing out of contact with the end member clamping means carried by the plate and lying between the plate and cap and an actuating member for said clamping means carried by the cap, said plate being unattached and free to rotate with the cap, said plug member being insertable into the socket through the openings in the cap and plate and having a recessed portion engaged by said clamping means.

1,578,505. CIGARETTE MACHINE CATCHER. THEODORE FETZER, Brooklyn, N. Y., assignor to American Machine & Foundry Company, a Corporation of New Jersey. Filed May 22, 1924. Serial No. 715,017. 14 Claims. (Cl. 131—39.)



1. A cigarette machine catcher comprising means for continuously forwarding cutoff cigarettes, means at the delivery end of said forwarding means for receiving a part of the forwarded cigarettes, means at one side of said forwarding means for receiving a part of the cut-off cigarettes, and means for pushing alternate cigarettes off said forwarding means to the receiving means at one side thereof.

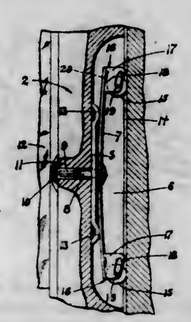
1,578,506. METER MOUNTING. SVEN A. GAFVERT, New York, N. Y. Filed Sept. 16, 1922. Serial No. 588,735. 4 Claims. (Cl. 247—2.)



4. A meter mounting including a plate, side and end walls attached to said plate and extending outwardly therefrom, a casing arranged upon said plate, an outwardly extending portion forming a part of said casing and adapted to lie flush against one of said end walls, a cover for the space enclosed by said walls and adapted to overlap said outwardly extending portion, a downwardly extending portion forming a continuation of said outwardly extending portion and being provided with an opening, and means carried by said plate and adapted to extend through said opening and cover for retaining the whole in applied position.

1,578,507. WEIGHTLESS WINDOW-SASH SUPPORT. JOSEPH A. GANAHL, Los Angeles, Calif. Filed Sept. 30, 1924. Serial No. 740,762. 7 Claims. (Cl. 292—77.)

1. In a weightless window sash support, the combination of a roller, a roller-carrier supporting the roller, with means for supporting the carrier in the stile of the sash and for pressing the roller against the side of the window casement, said roller-carrier having means for guiding the roller along a line converging toward the casement in an upward direction, and a shoe associated with the roller carrier for engaging the face of the roller remote from the casement and cooperating with the roll-



er when the sash is moved downwardly to effect a relative movement of the roller upwardly in the guiding means and out of engagement with the shoe, thereby increasing the pressure on the casement to support the sash.

1,578,508. INSULATOR. HARRY L. GARBUTT, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 7, 1919. Serial No. 295,418. 6 Claims. (Cl. 173—318.)

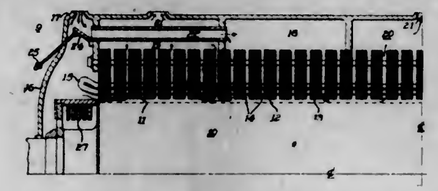


5. A suspension insulator comprising a body structure having a terminal-receiving portion, and a terminal structure having clamping portions removably cooperating with said receiving portion, the construction and relation of the terminal structure to said terminal-receiving portion tending to move said clamping portions into closer clamping relation to the insulator in proportion to the load forces on the insulator and widely distributing the load forces between the body and terminal structures.

1,578,509. FLUID-PRESSURE CONTROL OF TURBO VENTILATION. RALPH E. GILMAN, Pittsburgh, DONALD BRATT, Irwin, and CARL J. FECHHEIMER, Pittsburgh, Pa., assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 20, 1923, Serial No. 652,670. Renewed Dec. 1, 1925. 10 Claims. (Cl. 171—252.)

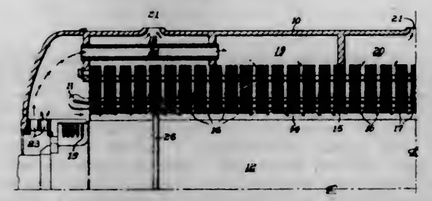
1. A dynamo-electric machine having a rotor and a stator with an air-gap therebetween, said stator embodying a ventilating system comprising a plurality of groups of radially extending ventilating spaces surrounding the air-gap, one or more groups of intake chambers surrounding one or more groups of radial spaces for conducting a cooling fluid radially inwardly,

discharge means surrounding the remaining groups of radial spaces, entrance chambers for cooling fluid at the two ends of the air gap, and fluid-pressure means for maintaining such different relative pressures in said



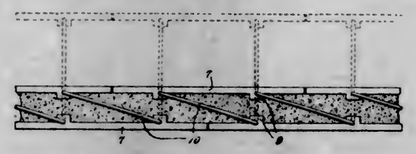
intake chambers and said entrance chambers that all groups have substantially the same minimum radial velocities and the same maximum radial velocities of the cooling fluid.

1,578,510. TURBO VENTILATION. RALPH E. GILMAN, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 5, 1923. Serial No. 666,699. 5 Claims. (Cl. 171—252.)



1. A dynamo-electric machine comprising a stator member and a rotor member separated by an air-gap, said stator member being provided with a plurality of radial ventilating spaces surrounding said air-gap, means for introducing a ventilating fluid and causing the same to move radially inwardly in certain radial spaces, radially outwardly in others and axially in the air-gap, and baffle means disposed within said air-gap for equalizing the distribution of radial velocities of the ventilating fluid.

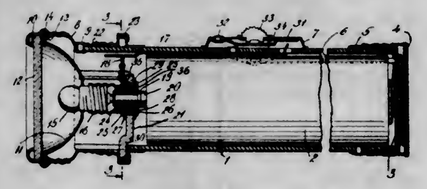
1,578,511. WALL CONSTRUCTION. FREDERIC E. GLADWIN, Los Angeles, Calif. Filed Feb. 8, 1923. Serial No. 617,827. 2 Claims. (Cl. 72—30.)



1. A wall construction of spaced, opposed tile courses, ties obliquely connecting the tiles in their respective courses, the sapce between the courses being concrete filled.

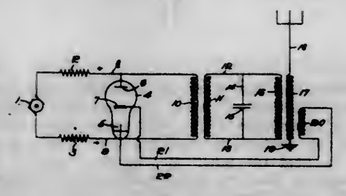
1,578,512. FOCUSING HANDLAMP. JULIAN S. GRAVELY, Wytheville, Va., assignor to Winchester Repeating Arms Company, New Haven, Conn., a Corporation of Connecticut. Filed Jan. 7, 1924. Serial No. 684,700. 12 Claims. (Cl. 240—10.)

1. In a hand lamp, the combination of a metal lamp socket, a reflector, means for supporting said reflector at its outer edge and means for supporting the lamp socket having portions extending through the hand lamp casing whereby the position of said socket with respect



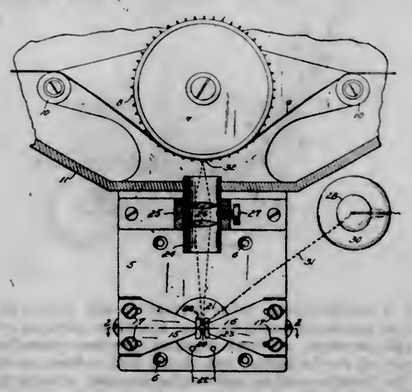
to said reflector can be changed, the said reflector being entirely out of contact with the lamp socket and the lamp socket support.

1,578,513. SYSTEM AND METHOD OF PRODUCTION OF CONTINUOUS OSCILLATIONS. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed Mar. 31, 1914, Serial No. 828,605. Renewed July 1, 1921. Serial No. 481,930. 15 Claims. (Cl. 250—36.)



6. Means for producing sustained high frequency oscillations comprising an oscillatory circuit having two electrodes, a second circuit having a conducting body interposed between said electrodes and an open aerial circuit arranged to be controlled by said first mentioned circuit and to control said second mentioned circuit.

1,578,514. PHOTOGRAPHIC MEANS FOR RECORDING SOUND. RUSSELL HART, Los Angeles, Calif. Filed May 18, 1925. Serial No. 31,251. 12 Claims. (Cl. 179—100.1.)



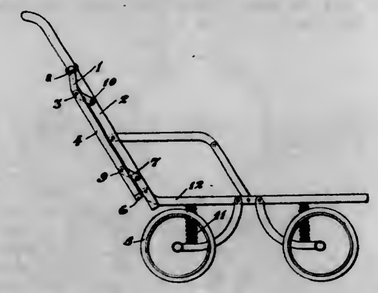
1. Photographic sound recording means comprising; a uniformly movable photo-sensitised film; a light source; and a cylindrical mirror, vibratile to sound, whereby an attenuated image of said source may be thrown upon said film transversely to its direction of motion.

1,578,515. PROPELLING PENCIL. TOKUJI HAYAKAWA, Tokyo, Japan. Filed July 11, 1923. Serial No. 650,740. 4 Claims. (Cl. 120—18.)



1. A device of the character described, comprising, in combination, an outer casing, an inner tube within said casing, a guide tube within said inner tube, and a removable clip frictionally engaging said tubes and casing thereby to hold the inner tube against rotation in the casing and to lock the guide tube against longitudinal movement while permitting rotation thereof relative to said inner tube.

1,578,516. PERAMBULATOR, BABY CARRIAGE, AND LIKE VEHICLE. FREDERICK HAGGER HEADLEY, Birmingham, England, assignor to Tan Sad Limited, Birmingham, England, a Corporation of Great Britain. Filed Aug. 18, 1922. Serial No. 582,727. 4 Claims. (Cl. 280—47.)



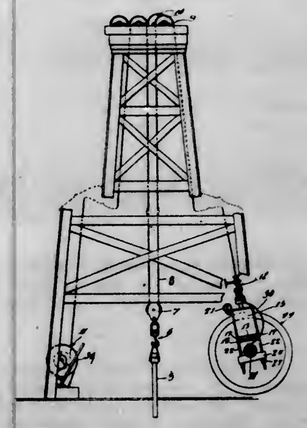
1. A perambulator, baby carriage or like vehicle having a handle member, a link arranged adjacent the handle member, a wheel engaging member operatively connected to the bottom end of the link, a lever pivoted to the handle member and to the top end of said link and adapted to be brought over a dead center position to retain said wheel engaging member in engagement with the wheel, and means mounted on the handle and adapted to engage the bottom end of the link to guide the wheel engaging member into engagement with the wheel.

1,578,517. VALVE PISTON AND BARREL CONSTRUCTION FOR HYPODERMIC SYRINGES. GEORGE N. HEIN, San Francisco, Calif. Filed Dec. 23, 1924. Serial No. 757,655. 2 Claims. (Cl. 128—220.)



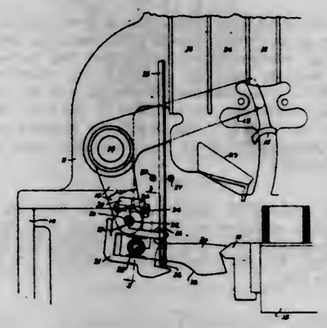
1. A hypodermic syringe including a syringe barrel provided with a discharge outlet, an outwardly opening check valve controlling the fluid passage therethrough and provided adjacent the inner end of the barrel with a fluid inlet, an inwardly opening check valve controlling the fluid passage therethrough, a tubular piston reciprocably mounted within the barrel, an inwardly opening check valve controlling the passage of fluid into the barrel through the piston and constituting a piston packing, and means for interrupting the fluid flow through either or both of said barrel or piston inlets.

1,578,518. APPARATUS FOR INDICATING THE PRESSURE OF THE DRILL BIT OR CASING ON THE FORMATION. HOLMES H. HENSHAW, Hollywood, and WILLIAM H. TAYLOR, Pomona, Calif. Filed Feb. 4, 1924. Serial No. 690,608. 6 Claims. (Cl. 265—47.)



1. An apparatus of the character described comprising a pulley block, means to connect the pulley block to a part in the well, drums, a cable rove through the pulley block and connected at its opposite ends with the respective drums, two members in telescopic relation, a fluid cushion between said members, a gage to indicate the pressure of said members on the fluid cushion, means to anchor one of said members, and means to releasably connect the other member to the cable between the pulley block and one of the drums.

1,578,519. YIELDABLE TRANSFERRER ARM FOR AUTOMATIC LOOMS. ELBRIDGE R. HOLMES, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed July 19, 1924. Serial No. 727,077. 6 Claims. (Cl. 139—243.)



1. In a weft replenishing mechanism for looms, a lay, a pivoted transferrer arm, a latch, a support for the latch pivoted to and moving with the transferrer arm and movable to a position to be engaged by the lay, said pivotal connection being formed in part by a breakable member sufficiently strong under normal conditions to effect transfer but weak enough to be broken under conditions of abnormal transfer to disconnect the latch from the transferrer arm to render subsequent transfer impossible.

1,578,520. INSECTICIDE-FUNGICIDE AND PROCESS FOR MAKING THE SAME. EDWARD C. HOLTON, Olmsted Falls, Ohio, assignor to The Sherwin-Williams Company, Cleveland, Ohio, a Corporation of Ohio. Filed Mar. 8, 1924, Serial No. 697,712. Renewed Feb. 5, 1926. 12 Claims. (Cl. 167—6.)

2. In methods for the production of a product for the purposes specified, the step which consists in reacting upon an aqueous solution of a polysulfid of barium with fluorhydric acid, using a protective substance to prevent crystallization, and thereby producing a coprecipitate of finely divided sulfur and substantially amorphous barium fluoride.

12. As a new product or article of manufacture for insecticidal and fungicidal purposes, a dry powdered mixture of which the major portion is barium fluoride in substantially amorphous form and the minor portion is finely divided sulfur.

1,578,521. INSECTICIDE-FUNGICIDE AND PROCESS FOR MAKING THE SAME. EDWARD C. HOLTON, Olmsted Falls, Ohio, assignor to The Sherwin-Williams Company, Cleveland, Ohio, a Corporation of Ohio. Filed Mar. 8, 1924. Serial No. 697,713. 8 Claims. (Cl. 167—6.)

3. In methods for the production of a product for the purposes specified, the step which consists in reacting upon a polysulfid of an element of the alkaline earths group with a suitable acid substance for producing hydrogen sulfid and a coprecipitate of finely divided sulfur and a substantially insoluble toxic substance, and reacting upon the hydrogen sulfid with sulfur dioxide to form an additional amount of finely divided sulfur.

8. As a new product or article of manufacture, for the purposes specified, a dry powder of which the minor part consists of chemically precipitated sulfur and the major part consists of a substantially insoluble compound of an element of the alkaline earths group co-precipitated with the sulfur.

1,578,522. INSECTICIDE-FUNGICIDE AND PROCESS FOR MAKING THE SAME. EDWARD C. HOLTON, Olmsted Falls, Ohio, assignor to The Sherwin-Williams Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 12, 1925. Serial No. 1,737. 12 Claims. (Cl. 167—6.)

1. In methods for the production of a product for the purposes specified, the step which consists in reacting upon a polysulfid of calcium with hydrosilicofluoric acid for producing a coprecipitate of finely divided sulfur and calcium silicofluoride.

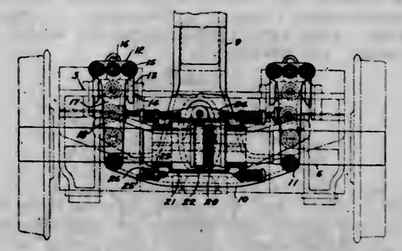
12. As a new product or article of manufacture for insecticidal and fungicidal purposes, a dry powdered mixture of which the major portion is calcium silicofluoride in substantially amorphous form and the minor portion is finely divided sulfur.

1,578,523. INSECTICIDE-FUNGICIDE AND PROCESS FOR MAKING THE SAME. EDWARD C. HOLTON, Olmsted Falls, Ohio, assignor to The Sherwin-Williams Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 12, 1925. Serial No. 1,738. 7 Claims. (Cl. 167—6.)

1. In methods for the production of a product for the purposes specified, the step which consists in reacting upon a polysulfid of barium with hydrosilicofluoric acid for producing a coprecipitate of finely divided sulfur and barium silicofluoride.

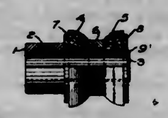
6. As a new product or article of manufacture, a mixture of finely divided sulfur and barium silicofluoride in substantially amorphous form.

1,578,524. REVERSIBLE TRUCK. HAROLD A. HOUSTON and FRANK L. ALBEN, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 26, 1923. Serial No. 634,872. 5 Claims. (Cl. 105—174.)



1. In a radial truck, the combination of means for providing positive steering or trailing of the truck relative to the centerpin connection, and automatic means for adjusting said connection to idle and to positive positions, said steering means comprising a plurality of swing links suspended from the supporting frame of said truck which are adapted to carry a swing bolster, and said automatic changing means comprising a screw-and-nut mechanism which is operatively connected to said links.

1,578,525. FRICTION WHEEL. MORRIS IRELAND, Cleveland, Ohio, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 8, 1920. Serial No. 409,039. 2 Claims. (Cl. 74—26.)



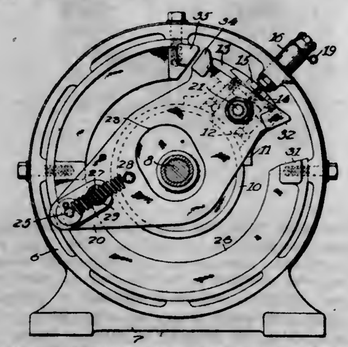
1. A friction wheel comprising a wearing portion of rubbery leather material in the form of a pair of discs mounted on a hub, a spacer member between said discs, end plates for said discs, and means for securing the same to said hub.

1,578,526. INSULATOR. RAY P. JACKSON, Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 31, 1920. Serial No. 370,217. 8 Claims. (Cl. 173—318.)



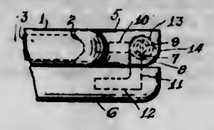
1. A suspension insulator comprising an insulating member of substantially S-shape having an integral surface-creepage portion intermediate its ends.

1,578,527. ELECTRIC SWITCH. REESE T. KINTZING, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 21, 1921. Serial No. 463,113. 6 Claims. (Cl. 200—6.)



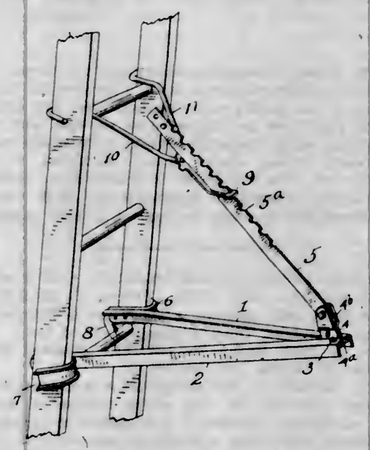
5. In a switch mechanism, a base member, a rotatable member, and a movable contact member having a limited oscillatory movement with respect to said base member and frictionally bearing against the periphery of said rotatable member, the construction being such that said oscillatory contact member bears harder against said rotatable member at one end of its oscillatory movement than at the other.

1,578,528. OPHTHALMIC MOUNTING. GUSTAV E. KÖHLER, Rocheater, N. Y. Filed Apr. 1, 1925. Serial No. 19,780. 8 Claims. (Cl. 88—53.)



1. In an ophthalmic mounting, a lens enclosing rim and a lug on the rim of non-metallic material, and a metallic hinge member embedded in said lug between the surfaces thereof, one face of said hinge member being exposed to a pocket formed in the lug and the opposite face being covered by the material of the lug, the inner and outer end faces of the lug being rounded at their juncture and cut away to form an arcial slot opening into said pocket.

1,578,529. LADDER JACK. CARL E. KRAMER, Cleveland, Ohio, assignor to The Cleveland Wrought Products Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 4, 1921. Serial No. 505,233. 4 Claims. (Cl. 304—34.)

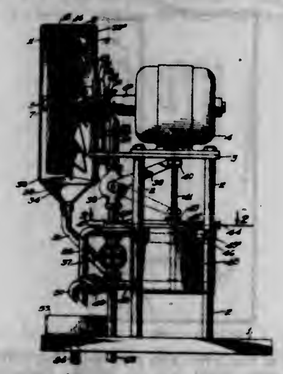


3. A ladder-jack having a pair of side members, a support to which the side members are pivoted at one of their ends, ladder rail engaging members at the opposite ends of the side members, a bar pivotally secured to said support, said bar being provided with notches, a retainer member having a slot through which said bar extends and having a portion adapted to engage with a selected notch, pivoted hook members carried by said retainer member, said hook members being adapted to engage with the side rails of a ladder.

1,578,530. VENTILATING, HEATING, COOLING, HUMIDIFYING, AND EVAPORATING APPARATUS. ROBERT J. KRAUSE, Los Angeles, Calif. Filed Feb. 2, 1925. Serial No. 6,496. 14 Claims. (Cl. 219—42.)

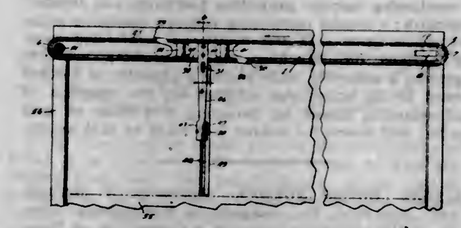
9. In an apparatus of the class described, a casing, a supporting means revolubly mounted therein, and a plurality of concentric drums supported on said means in staggered relation relatively to each other, the one

end of said drums projecting beyond the adjacent ends of the adjacent drums and revoluble in the same direction therewith, whereby a liquid discharged against the inner



face of the innermost drum is conducted to the outermost drum in zigzag passages in the form of thin films and fine sprays.

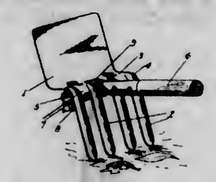
1,578,531. WINDSHIELD-CLEANING APPARATUS. CHARLES F. LAGANKE, Cleveland, Ohio. Filed Dec. 15, 1923. Serial No. 680,792. 21 Claims. (Cl. 74—14.)



1. In apparatus adapted for attachment to a windshield or the like for cleaning the surface thereof, the combination of a driving element movable through an orbital course and arranged to be supported adjacent said surface, means for moving said element constantly in a given direction, a tram supported within the plane, and wholly inside the orbital course of movement, of the driving element, and an instrumentality supported by and reciprocable along the tram crosswise of the surface and adapted to carry a wiper in contact with said surface, said instrumentality incorporating spaced abutments, wherewith said driving element is arranged to contact in alternation, each abutment moving beyond the reach of said element before the element contacts with the other.

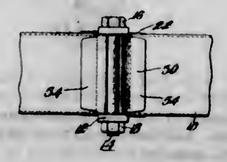
1,578,532. COMBINATION GARDEN TOOL. JOHN L. LAGORIO, Stockton, Calif. Filed Nov. 12, 1923. Serial No. 674,192. 3 Claims. (Cl. 306—2.)

1. A combination tool including two opposed working elements, each disposed in a plane offset from the other, an interconnecting web between the adjacent edges thereof, a handle having a cross head adapted to extend lengthwise of the web, and curved elements con-



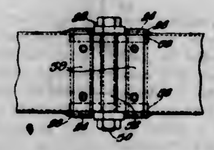
nected to the web in spaced relation to each other and projecting outwardly from one side thereof to form, with said web, bearing means for the crosshead.

1,578,533. CLOSURE MEMBER FOR SPRING COVERS. CARLISLE A. LINCOLN, Buffalo, N. Y., assignor to The Houdaille Company, Buffalo, N. Y., a Corporation of Delaware. Filed Nov. 27, 1923. Serial No. 677,212. 1 Claim. (Cl. 267—37.)



A closure member for spring covers comprising a resilient plate extending about the bottom and sides of the spring beneath the spring clip, a second plate extending across the top of the spring beneath the tie bolt, each of the plates having a groove or depression to cause it to be locked to the spring clip, and oppositely directed flanges which bear upon the adjacent portions of the spring cover when the closure is locked in place between the clip and the body of the spring.

1,578,534. CLIP FOR VEHICLE SPRINGS. CARLISLE A. LINCOLN, Buffalo, N. Y., assignor to The Houdaille Company, Buffalo, N. Y., a Corporation of Delaware. Filed Nov. 27, 1923. Serial No. 677,213. 3 Claims. (Cl. 267—37.)



1. A clip for vehicle springs comprising, a yoke member surrounding the bottom and sides of the spring, a bolt connecting the top ends of the yoke across the top of the spring, and a tubular sleeve surrounding the bolt and having oppositely extending flanges of sufficient width to permit attachment of a flexible spring casing thereto.

1,578,535. COMBINATION SPRING COVER. CARLISLE A. LINCOLN, Buffalo, N. Y., assignor to The Houdaille Company, Buffalo, N. Y., a Corporation of Delaware. Filed Nov. 27, 1923. Serial No. 677,214. 4 Claims. (Cl. 267—37.)

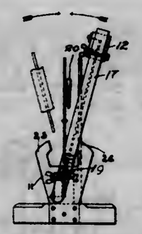
1. A spring cover comprising a casing of flexible material extending lengthwise of the spring and having an

opening therein for the reception of the upper portion of a spring clip, a closure member extending about the upper portion of the spring clip and connected to the



latter in a manner to prevent displacement, and flanges upon the closure member adapted to engage with the casing about the opening.

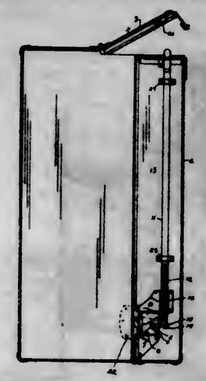
1,578,536. METHOD OF AND MEANS FOR PRODUCING REED FABRIC AND THE LIKE. MARSHALL BURNS LLOYD, Menominee, Mich., assignor, by mesne assignments, to Heywood-Wakefield Company, Boston, Mass., a Corporation of Massachusetts. Filed June 5, 1920. Serial No. 386,832. 6 Claims. (Cl. 139—17.)



1. An apparatus for producing reed fabric and the like embodying therein means for gripping the ends of a plurality of stakes thereby holding them in spaced relation, means for gripping the opposite ends of desired stakes, said last mentioned gripping means being mounted for swinging movement, and means for "breaking" a group of stakes that are swung by said swingable means.

1,578,537. LOCKING DEVICE FOR TRUNKS. MILTON H. LUCE, Kansas City, Mo., assignor to Wheary-Burge Trunk Company, Racine, Wis. Filed Jan. 17, 1923. Serial No. 613,136. 11 Claims. (Cl. 292—198.)

1. Trunk locking mechanism comprising the combination with the meeting margins of two trunk sections, of a locking lever fulcrumed to the wall of one section, the adjacent margin of the section being recessed and said lever having an offset portion adapted for swinging movement in said recess, a locking device carried by the



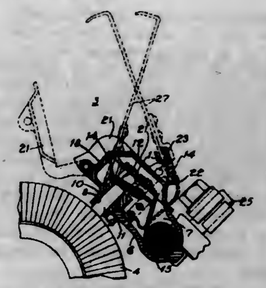
offset portion of the lever, and a co-operating catch carried by the registering wall member of the opposing trunk section.

1,578,538. KNIFE. ELLSWORTH L. MCCAIN, Detroit, Mich. Filed Feb. 18, 1924. Serial No. 693,538. 3 Claims. (Cl. 30—9.)



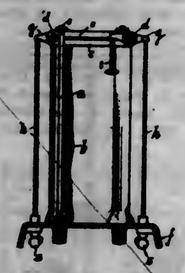
1. A knife of the class described comprising a handle; a reenforcing member projecting therefrom and integral therewith; a second reenforcing member, extending along and spaced from said first mentioned reenforcing member; means for attaching said reenforcing members together; a separable blade having a plurality of notches formed in its upper edge adapted for the reception of said attaching means for mounting said blade on said handle; and means for locking said blade on said handle.

1,578,539. BRUSH HOLDER. FREDERICK W. MCCLOSKEY, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 24, 1924. Serial No. 722,039. 5 Claims. (Cl. 171—324.)



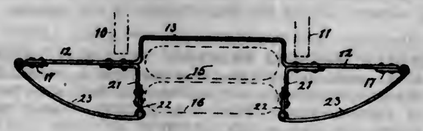
2. A brush holder for holding a brush in contact with a current-collecting device of an electric machine, comprising a housing enclosed on its side, end and bottom walls and having an opening in its top wall, and a cap member removably closing said opening, said holder containing a brush box and a spiral spring mechanism for operatively supporting a brush.

1,578,540. VALVE-GEAR CONNECTION IN INTERNAL-COMBUSTION ENGINES. FRANZ LOUIS MADLER, Berlin-Charlottenburg, Germany, assignor to Maedler Engine Corporation, a Corporation of Maryland. Filed Apr. 6, 1921. Serial No. 459,191. 3 Claims. (Cl. 123—90.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



3. In an internal combustion engine, a support for valve-operating mechanism comprising a plurality of tubular members resting on the crank case of the engine, and bolts passing through said tubular members and holding said valve-operating mechanism firmly on top of said tubular members independently of the engine cylinder, whereby the cylinder is relieved of all stresses incident to the actuation of said mechanism.

1,578,541. MOTOR-VEHICLE FENDER GUARD. VERNER P. MATHEWS, Cleveland, Ohio, assignor to The Eaton Axle and Spring Company, Cleveland, Ohio, a Corporation of Ohio. Filed July 29, 1925. Serial No. 46,706. 3 Claims. (Cl. 293—55.)



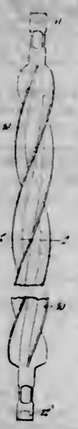
1. In motor vehicle fender guards, the combination of a bar to be attached to the vehicle frame, an arm projecting from said bar longitudinally of the vehicle, brackets at the outer ends of said bar and said brackets having vertically spaced yieldable arms with aligned eyes therein, three vertically aligned bars having eyes at their ends arranged in vertical alignment with the first-mentioned eyes, and bolts extending through said aligned eyes and whereby said three bars are secured to said brackets.

1,578,542. MULTICOLOR INCRUSTING ON STONES. GEORGE MERLE, Jr., Maspeth, N. Y., assignor of one-sixth to George Merle, sr., one-sixth to William C. Merle, one-sixth to Henry C. Merle, and one-sixth to John Merle, all of Brooklyn, N. Y. Filed Mar. 5, 1925. Serial No. 13,062. 2 Claims. (Cl. 41—35.)



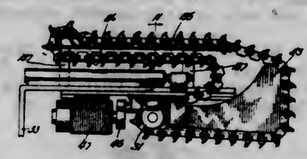
1. An article of manufacture comprising a stone, on which is incrusted sheet aluminum of such structure as to retain lustre when subjected to the elements, and sheet gold of a color contrasting to that of the aluminum in predetermined arrangement in the production of a predetermined design on said stone.

1,578,543. METHOD OF MAKING DEEP-WELL AUGER STEMS. GUSTAVUS A. MONTGOMERY, Titusville, Pa., assignor to Titusville Forge Company, Titusville, Pa., a Corporation of Maryland. Filed Aug. 8, 1924. Serial No. 730,796. 3 Claims. (Cl. 76—95.)



1. The method of making a tool stem having radial wings extending lengthwise thereof, which consists in forging a billet of rectangular cross-section into a stem substantially cruciform in cross-section, positioning the resulting wings of the stem between dies shaped to twist one set of diametrically opposite wings helically about the longitudinal axis of the stem, and then rotating said stem to bring the other set of wings between said dies.

1,578,544. MINING MACHINE. EDMUND C. MORGAN, New York, N. Y.; Olive Eugenie Morgan executrix of said Edmund C. Morgan, deceased. Filed Oct. 11, 1922. Serial No. 593,727. 28 Claims. (Cl. 262—28.)



1. In a mining machine, the combination with a frame adapted to be attached to the frame of a mining machine having a flexible chain cutter, of superposed guideways on said frame for receiving a new chain cutter to be substituted for the chain cutter on the mining machine, and curved extensions at the opposite ends of said guideways for directing the chain with a reverse bending movement upon itself to facilitate the substitution of a new chain for the chain on the machine.

1,578,545. PRESSING DEVICE. LORENZ F. MUTHER, Newton Center, Mass. Filed Oct. 28, 1922. Serial No. 597,519. 2 Claims. (Cl. 12—55.)

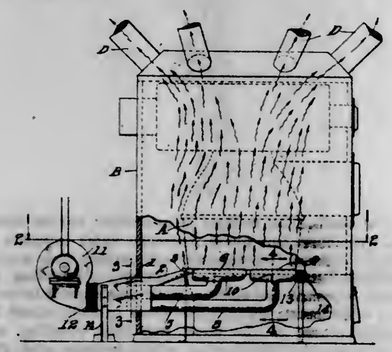
1. In a folding machine, the combination of means for feeding material having a binding attached to the edge thereof, a plow for turning said binding around the edge of said material and means arranged forward the plow and in close proximity thereto for pressing said turned binding upon the body-portion of said material; said pressing means comprising a pivotally mounted arm provided with a transverse end-piece having a longitudinal slot therethrough and a longitudinal groove in its lower face, a work-engaging portion having a longitudinal tongue

fitting said groove and a screw located in said slot and having its end threaded in the said work-engaging portion



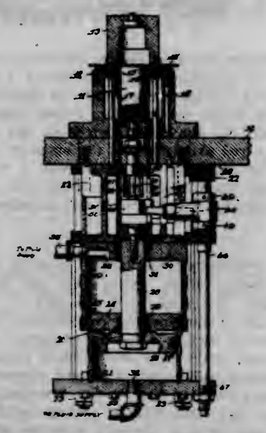
for securing said work-engaging portion in adjusted position on said end-piece, said work-engaging portion having a toe-portion encircling the nose of said plow.

1,578,546. AIR-CIRCULATING ATTACHMENT FOR HOT-AIR FURNACES. LEON G. MYERS, Clinton, Ill. Filed July 12, 1924. Serial No. 725,606. 5 Claims. (Cl. 126—99.)



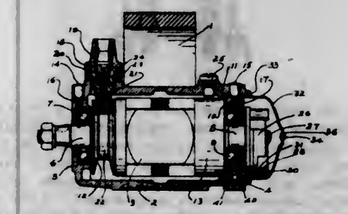
1. An air circulating attachment for hot-air furnaces, comprising a head unit provided with a plurality of cool air conducting passage-ways of substantially equal area, and a plurality of conductors connected to said head unit and arranged to discharge air at different points therefrom, each conductor having communication with a distinct passage-way in said head unit and provided at their discharge ends with upwardly directed contracted vents.

1,578,547. BLANK-HOLDING MEANS. FRANK C. B. PAGE, New York, N. Y., assignor to E. W. Bliss Company, a Corporation of West Virginia. Filed Nov. 26, 1924. Serial No. 752,369. 13 Claims. (Cl. 113—46.)



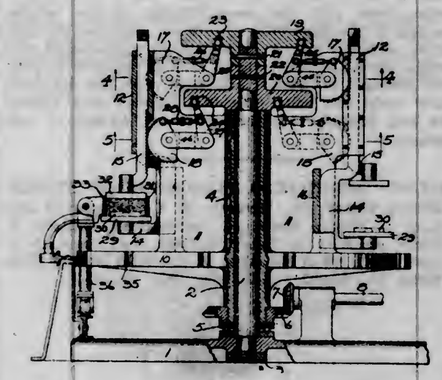
1. A draw press including a plunger, a plurality of blank holding means adapted to successively cooperate with the plunger to clamp the work, means for positively locking one of the said blank holding means against operation during the operation of the other blank holding means, the second recited means including cooperating elements relatively reciprocable and also rotatable one with relation to the other to lock and unlock the respective blank holding means, an actuator separate from the said locking means, and means operating automatically to operate said actuator to impart such relative rotary movement to the said elements at predetermined times in the cycle of operation of the press.

1,578,548. MAGNETO. ADOLPH ROSNER, Springfield, Mass., assignor to American Bosch Magneto Corporation, Springfield, Mass., a Corporation of New York. Filed Dec. 7, 1921. Serial No. 520,701. 2 Claims. (Cl. 171—209.)



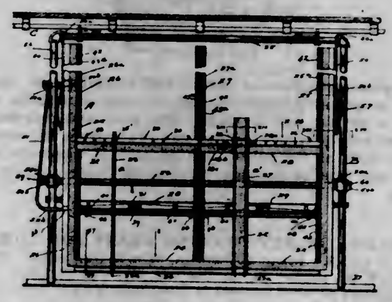
1. A magneto comprising a permanent magnet, a rotor cooperative with the magnet, an interrupter cooperative with the rotor, a frame, a bearing member fastened in the frame for supporting one end of the rotor, and means for angularly adjusting the bearing member in the frame, the cam element of the interrupter being fastened rigidly to the bearing member, whereby adjustment of the bearing member adjusts the edge distance of the magneto.

1,578,549. MOLDING MACHINE. MOSES SAAD, Detroit, Mich., assignor of forty-three per cent to Gustandy Otallah and five per cent to Walter S. Ostrander, both of Detroit, Mich. Filed Oct. 2, 1925. Serial No. 59,985. 12 Claims. (Cl. 22—21.)



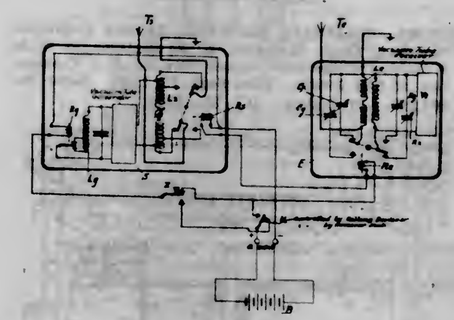
1. In a molding machine, a bed, an upright thereon, a sleeve around said upright, means for rotating said sleeve, guides on said sleeve, at least one pattern rack and one platten rack adapted to move vertically, in said guides, and means for actuating said racks as said sleeve rotates.

1,578,550. APPARATUS FOR STRETCHING LAUNDERED ARTICLES FOR DRYING. ALBERT O. SCHRAMM, Los Angeles, Calif., assignor to Schramm Manufacturing Company, St. Louis, Mo., a Corporation of Missouri. Filed Oct. 17, 1921. Serial No. 508,240. 5 Claims. (Cl. 45—24.)



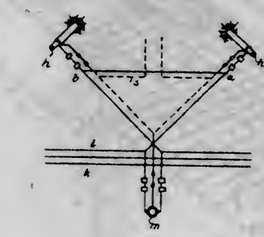
1. A device of the character described, comprising a pair of spaced end members, a rack in connection with the inner side of each of said end members, a rigid side member in connection with said end members, a movable side member, a rotary shaft supported by said movable side member, pinions on said shaft meshing with said racks, a locking element on said movable member, a part on said shaft to engage said locking element, and means carried by said movable side member for bending said shaft against rotation independently of said pinions.

1,578,551. RELAY ARRANGEMENT FOR CHANGING THE TUNING OF WIRELESS APPARATUS. CARL SCHWARZ, Charlottenburg, near Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 31, 1921. Serial No. 511,828. 4 Claims. (Cl. 250—9.)



4. In a radio sending system, a radiating circuit, an oscillating circuit, switching means for changing the tuning of each of said circuits, a pair of relays for operating said switching means, and a device for operating the relay associated with the oscillating circuit independently of the other relay whereby the tuning of the oscillating circuit and the radiating circuit may be made to differ from each other when desired.

1,578,552. INDUCTIVE ARRANGEMENT FOR SIGNALING OVER POWER LINES. CARL SCHWARS, Charlottenburg, near Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 31, 1921. Serial No. 511,833. 4 Claims. (Cl. 177—352.)



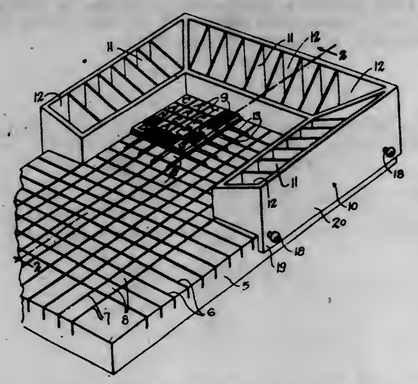
2. In a power-transmission line comprising a number of line wires, means for supporting one of said line wires at separated points, supporting means at one side of the transmission line, a loop in said wire, extending between said separated points and supported in part by said supporting means at one side of the line, a looped antenna and auxiliary supporting means for maintaining said looped antenna in proximity to said line wire loop.

1,578,553. SECTIONAL SPRING COVER. JAMES N. SCULLY and CARLISLE A. LINCOLN, Buffalo, N. Y., assignors to The Houdaille Company, Buffalo, N. Y., a Corporation of Delaware. Filed Nov. 27, 1923. Serial No. 677,229. 3 Claims. (Cl. 267—237.)



1. A spring cover comprising a casing of flexible material wrapped about the body of a spring, and a closure member partially surrounding the spring adjacent the clip and bearing upon the casing at opposite sides of the clip to substantially seal the latter in the region of the clip.

1,578,554. GAME APPARATUS. MEYER SELIGMAN, New York, N. Y. Filed Dec. 20, 1924. Serial No. 757,242. 6 Claims. (Cl. 35—9.)



1. A game apparatus consisting of a game board having squares delineated thereon, interlocking removable separators between said squares, and game pieces adapted to be placed on said squares and held in position thereon by said separators.

1,578,555. SHEET-METAL CAN. ISAAC E. SEXTON, Winchester, Mass. Filed Jan. 22, 1924. Serial No. 687,713. 2 Claims. (Cl. 220—59.)



1. A can comprising a cylindrical sheet metal body having an inwardly projecting cover seat, an end portion of the body projecting above the seat and forming a flexible continuous cylindrical annular curb, the upper edge of which is of the same diameter as the cylindrical body, a circular cover having an annular seating portion formed to bear on the seat, and a marginal upwardly projecting annular cylindrical flange bearing on the lower portion of the curb, the upper portion of the curb projecting above the cover flange, and a plurality of inwardly projecting flange-confining bosses formed by inwardly bending the projecting upper portion of the curb, including the upper edges thereof, after the cover is deposited on the seat, said bosses having inclined inner sides overhanging the cover flange, the lower portions of said inclined sides engaging the upper edge of the cover flange to confine the cover on the seat, the inclination of said sides rendering the bosses flexible and permitting a prying lever inserted between the cover flange and the boss, and fulcrumed on the flange, to exert outward pressure on the boss and bend its inclined side and upper edge outward, thus releasing the corresponding portion of the cover and permitting it to be raised from the seat.

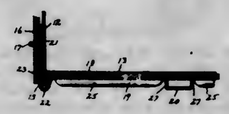
1,578,556. CAN NOZZLE. ISAAC E. SEXTON, Winchester, Mass. Filed July 9, 1925. Serial No. 42,456. 2 Claims. (Cl. 220—40.)

1. A can nozzle for use with a flanged closing cap having a packing layer on its top and inwardly projecting lugs on its flange, said nozzle comprising a tubular sheet metal body formed at its inner end for attachment to an apertured can top, and provided at its outer end with an outwardly turned neck constituting a continuous annular seat for said packing layer, and with a continuous flange depending from the seat, surrounding the body, and spaced by the seat from the body, said flange reinforcing and stiffening the seat against deformation by pressure of the cap against it, and having transverse



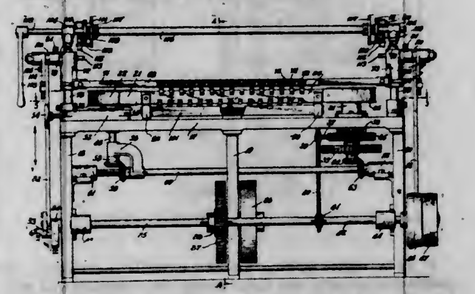
indentations extending across and stiffening the flange, and constituting guides for the cap lugs, each guide having a shorter and a longer side wall, and cam-shaped lower edge portions inclined downward from the shorter side walls of the guides, and adapted to cooperate with the cap lugs in pressing the packing layer against the seat.

1,578,557. JACKET-SECURING MEANS FOR JACKETED CANS. ISAAC E. SEXTON, Winchester, Mass. Filed July 9, 1925. Serial No. 42,457. 3 Claims. (Cl. 220—11.)



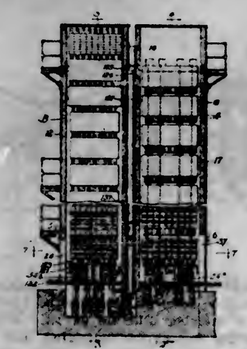
1. In a jacketed shipping can which includes a cylindrical body, and a bottom off-set inward from the lower end of the body to form a recess, the body projecting below the bottom and having an external upwardly facing shoulder adjacent to and parallel with its lower end, the jacket including a discoidal body member contained in said recess and covering the can bottom; bottom-member securing means comprising inner and outer crossed sheet metal strips, each having upstanding ears at its opposite ends provided with detents adapted to engage said shoulder, the inner strip contacting with the bottom member, while the outer strip contacts with the central portion of the inner strip, the can being provided with means for confining the ears with their detents in engagement with the shoulder.

1,578,558. POLISHING MACHINE. THOMAS CORNELIUS SHEEHAN, Upper Montclair, N. J., assignor to Wade & Butcher Corporation, Jersey City, N. J., a Corporation of New Jersey. Filed Sept. 22, 1923. Serial No. 664,269. 27 Claims. (Cl. 51—138.)



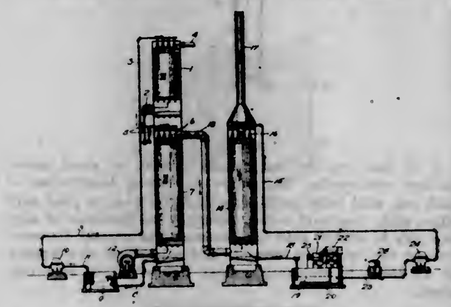
1. A polishing machine comprising a flat polishing medium, means for presenting articles to said medium, means for reciprocating said presenting means in parallelism with said medium, and means for moving said medium in a direction transverse to the movements of said presenting means.

1,578,559. CONTINUOUSLY-OPERATED KILN. CLAUDE SMITH, Chicago, Ill. Filed Feb. 23, 1923. Serial No. 620,574. 21 Claims. (Cl. 25—143.)



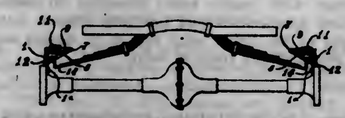
1. In a kiln for burning and drying brick, etc., a vertical drying shaft and a vertical burning shaft, means for conveying material up the drying shaft, a firebox communicating with the burning shaft and a flue connecting the shafts near their respective tops.

1,578,560. PROCESS AND APPARATUS FOR ELIMINATING THE SULPHURETED HYDROGEN IN FUEL GAS. FREDERICK W. SPERR, Jr., Pittsburgh, Pa., assignor to The Koppers Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed June 6, 1924. Serial No. 718,253. 21 Claims. (Cl. 23—225.)



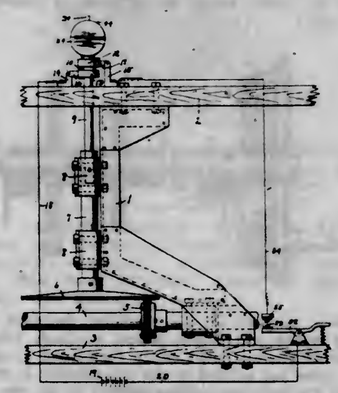
1. A process of the kind referred to for the elimination of hydrogen sulphide from coal gas, characterized by washing the air, after it has acted in the regeneration stage, with a liquid containing a freshly precipitated iron compound, to eliminate the hydrogen sulphide from said air.

1,578,561. SHOCK ABSORBER. AUGUST STEINMANN, Chicago, Ill., assignor to Andrew Christ, Jr., Chicago, Ill. Filed July 11, 1923. Serial No. 650,763. 1 Claim. (Cl. 267—17.)



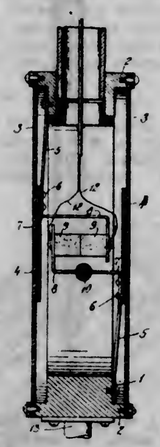
In a shock absorber, a vertical standard, an inclined bar pivoted at its lower end to the lower portion of said standard, horizontally disposed bars connected respectively with the upper ends of said standard and inclined bar and in telescopic relation as to each other, and a spring encircling said latter bars and adapted to exert a compression resistance against downward movement of the vehicle body.

1,578,562. POLE-PIECE-FINISHING MACHINE. CARL C. TALBEN, Detroit, Mich., assignor to William J. Hartwig, Detroit, Mich. Filed Nov. 8, 1920. Serial No. 422,720. 5 Claims. (Cl. 175—367.)



1. A holder for irregular work consisting of a cylindrical body having a diametrical recess, a core within the recess with its sides parallel to a diameter of the cylinder, and having one end terminating in the cylindrical surface of the body, a coil on said core, and a ring surrounding the outer end of the core and having its outer end conforming to the cylindrical surface of the body.

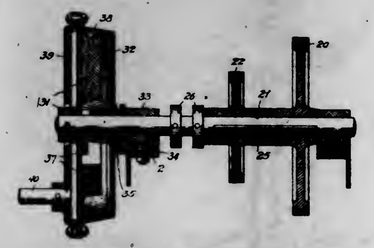
1,578,563. CIRCUIT CLOSER. JOHN W. THOMAS, Fullerton, Pa., assignor to Fuller-Lehigh Company, a Corporation of Pennsylvania. Filed Jan. 19, 1921. Serial No. 438,516. 5 Claims. (Cl. 200—83.)



1. A circuit closer actuated by variations in pressure comprising the combination of a pair of diaphragms placed face to face and exposed to the same actuating pressure these diaphragms being arranged to be given a simultaneous relative movement by variations in the

pressure from a selected value, and a contact member associated with each diaphragm and movable thereby, these contact members being disposed between the diaphragms and being arranged to cooperate and to be given a relative movement of separation when the diaphragms are subjected to a pressure in excess of the normal value.

1,578,564. WASHING-MACHINE-OPERATING MECHANISM. WILLIAM H. VOSS, Davenport, Iowa. Filed Dec. 10, 1920. Serial No. 429,615. 2 Claims. (Cl. 192—66.)



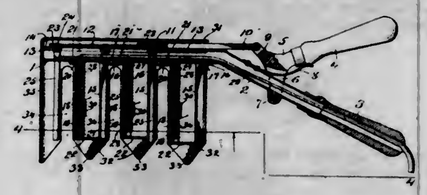
1. In a machine of the character described, having driving means and driven means, a clutch adapted to connect said means, said clutch comprising a cup member, a cross bar secured to the cup member, a crank pin fixed to the cross bar, a cone member in the cup member and co-operable therewith for clutching operation, a driving shaft secured to the cone member, and means for shifting the cone member and the shaft, for clutching and unclutching the cup and cone members.

1,578,565. MECHANICAL PENCIL. JOHN C. WAHL, Chicago, Ill., assignor to The Wahl Company, Chicago, Ill., a Corporation of Delaware. Filed Nov. 26, 1923. Serial No. 676,876. 10 Claims. (Cl. 120—18.)



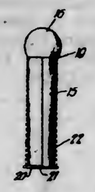
1. In a pencil a casing, a lead magazine slidable into and out of said casing, an opening in the side of the lead magazine of less length than the length of a lead, and movable means associated with said lead magazine which in one position will hold both ends of the leads in the magazine out of registry with the slot and in another position will permit one end of a lead to project out of said slot.

1,578,566. HAIR-WAVING INSTRUMENT. CHARLES N. WATSON, St. Joseph, Mo. Filed Oct. 16, 1925. Serial No. 62,748. 8 Claims. (Cl. 132—36.)



6. In a hair waving instrument, a supporting member having a hollow hair forming tooth, heating means in said tooth, a member slidable on said supporting member and having means for engaging and pressing hair against said tooth, a lever pivoted to said supporting member, and a link pivoted to said slidable member and to said lever.

1,578,567. DUST CAP. ARTHUR H. WICKS, Woodstock, Ill. Filed Sept. 26, 1923. Serial No. 664,895. 4 Claims. (Cl. 152—12.)



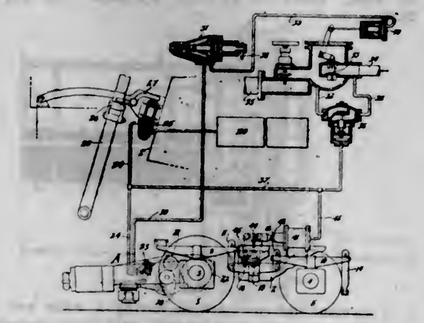
2. A dust cap having a body portion of sheet metal having overlapping free edges extending lengthwise of said cap, said body portion being distortable so that said edges slide over each other, whereby the diameter of said cap may be varied, said cap decreasing in normal diameter toward the open end thereof, and said edges overlapping at all times to maintain a dust tight joint at said free edges.

1,578,568. MANUFACTURE OF CONVERSION PRODUCTS OF STARCH. JOHN M. WIDMER, Cedar Rapids, Iowa, assignor to Penick & Ford, Ltd. Incorporated. Cedar Rapids, Iowa, a Corporation of Delaware. Filed May 23, 1923. Serial No. 641,004. 6 Claims. (Cl. 127—36.)

6. The improved method of making glucose from starch which comprises; conversion of the starch in the presence of a hydrolyzing acid to the glucose stage; neutralization of the hydrolyzing acid in the presence of phosphoric acid; filtration of precipitated impurities; treatment of the liquor with tannic acid; filtration to remove the coagulated albumenoids and insoluble mineral salts; and treatment of the liquor with carbon to remove excess of tannic acid and any trace of color.

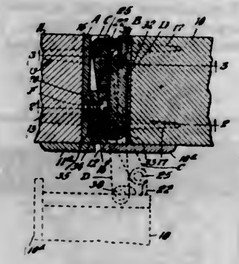
1,578,569. LOCOMOTIVE-BOOSTER APPARATUS. WILLIAM E. WOODARD, Forest Hills, N. Y. Filed June 18, 1923. Serial No. 645,952. 9 Claims. (Cl. 105—48.)

1. The method of operating a locomotive unit including the usual main driving wheels and at least one pair of normally idle weight carrying wheels and a booster motor for driving idle wheels to supplement the main drivers



in starting and at slow speed, which consists in increasing the weight on the wheels driven by the booster motor when the latter is operated.

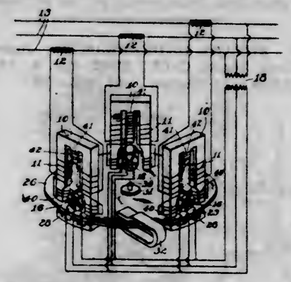
1,578,570. CONCEALED DOOR HINGE. JOHN W. ANDERSON, Chicago, Ill., assignor of one-half to Clarence Poffenberger, Chicago, Ill., and one-half to Corber Company, Aurora, Ill., a Corporation of Illinois. Filed Apr. 25, 1921. Serial No. 464,195. 16 Claims. (Cl. 16—164.)



1. In a hinge of the character described, the combination with two members adapted to be secured to the opposed edges of a stationary door frame and a door respectively; of a pair of connecting links between said members, one set of ends of said links being pivotally connected to one of said members and the remaining set of ends being pivotally connected to the other member, and the pivotal connections at opposite ends of one of said links being offset in the same direction laterally of the door with reference to the corresponding pivotal connections at the opposite ends of the other link, when the door is closed.

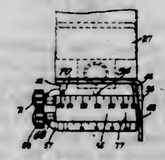
1,578,571. VOLT-AMPERE METER. DONALD J. ANGUS, Indianapolis, Ind., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 27, 1922. Serial No. 532,070. Renewed June 23, 1925. 11 Claims. (Cl. 171—309.)

8. A volt-ampere meter, comprising means for producing two magnetic fields responsive respectively to the voltage and to the current of an alternating-current circuit, one of said fields being advanceable and retardable to compensate for variations in the power-factor of said circuit; a meter element in position to be acted on by



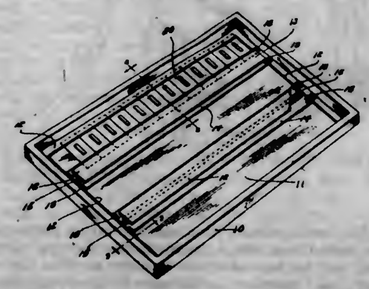
both said fields; and means for substantially preventing said meter element from being acted on by two fluxes from the same field in quadrature with each other.

1,578,572. CIRCUIT BREAKER. WALTER M. AUSTIN, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 16, 1922. Serial No. 588,529. 4 Claims. (Cl. 200—108.)



1. The combination with a tripping mechanism for a circuit breaker, of a magnetically-actuated core member for operating the said mechanism, a segmental suction surface on the under-side of the core member, a dash-pot for supporting the core member and provided with a segmental suction surface for co-operation with the first named surface, a supporting bracket, an overload calibration member having screw-threaded connection with the said bracket and serving as a support for the dash-pot, a ring supported by the dash-pot and having non-rotatable connection with the bracket, and clamping means carried by the dash-pot and the said calibration member respectively, whereby either of the last named members may engage the said ring to be thereby held against rotative movement.

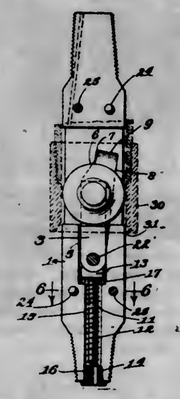
1,578,573. DISPLAY TRAY. FREDERICK A. BALLOU, Jr., Providence, R. I., assignor to B. A. Ballou & Co. Inc., Providence, R. I., a Corporation of Rhode Island. Filed June 21, 1923. Serial No. 646,805. 4 Claims. (Cl. 211—28.)



1. A display tray comprising a frame, a readily removable and adjustable cross bar having gripping means at each end engaging portions of said frame, the sides of

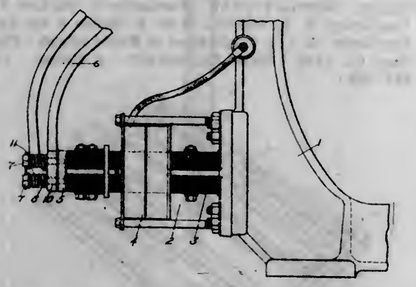
said bar being undercut longitudinally to receive holder cards and retain the edges of the holder cards mounted therein.

1,578,574. ROTARY UNDERREAMER. JOHN M. BATEMAN, Long Beach, Calif. Filed Apr. 4, 1923. Serial No. 629,849. 13 Claims. (Cl. 255—76.)



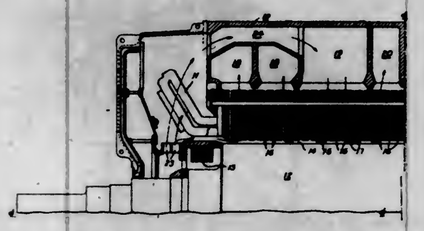
1. In an underreamer, the combination of a body, a pair of tool-carriers movably mounted in the body so as to be capable of shifting upwardly in the body, a cutter disc carried by each tool-carrier and disposed in a substantially vertical plane so as to roll down the inner side of the casing, a spring for shifting the tool-carriers upwardly and operating to hold the edges of the discs against the casing when the underreamer is being lowered within the casing, said body having means cooperating with the tool-carriers in the upward shifting movement effected by the spring after the cutters pass out of the lower end of the casing, to project the upper ends of the tool-carriers outwardly with the edges of the discs projecting beyond the periphery of the body and beyond the casing.

1,578,575. ELECTROMAGNETIC BRAKE. EDGAR M. BOUTON, Wilkinsburg, and MILTON G. THOMPSON, Ardmore, Braddock Township, Allegheny County, Pa., assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 8, 1919. Serial No. 322,316. 15 Claims. (Cl. 175—338.)



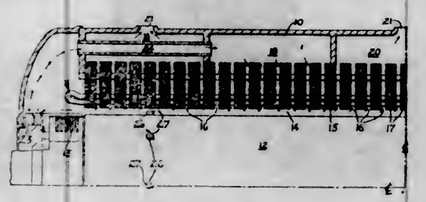
1. The combination with a magnet having substantially plane pole faces and a magnetizable member actuated thereby and having substantially plane portions for coacting with said pole faces, of a supporting element for said member yieldingly secured thereto whereby limited universal movement of said magnetizable member is permitted.

1,578,576. TURBO VENTILATION. DONALD BRATT, Irwin, and CARL J. FECHHEIMER, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed June 26, 1923. Serial No. 647,779. 9 Claims. (Cl. 171—252.)



1. A dynamo-electric machine having a rotor and a stator with an air-gap there-between, said stator embodying a ventilating system comprising a plurality of groups of radially extending ventilating spaces surrounding the air-gap, intake chambers surrounding one or more groups of radial spaces for conducting a cooling fluid radially inwardly, and discharge means surrounding the remaining groups of radial spaces, the cross-sectional areas of the air-gap and radial spaces, the numbers of radial spaces in the respective groups, and the configurations of the ventilating paths being such that all groups have substantially the same minimum radial velocities and the same maximum radial velocities of the cooling fluid.

1,578,577. TURBO VENTILATION UTILIZING BAFFLES IN AIR GAP. DONALD BRATT, Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 26, 1923. Serial No. 647,784. 7 Claims. (Cl. 171—252.)



4. A dynamo-electric machine comprising a stator member and a rotor member separated by an air-gap, said stator member being provided with a plurality of radial ventilating spaces surrounding said air-gap, means for introducing a ventilating fluid and causing the same to move axially in said air-gap and radially in said radial spaces, and a plurality of bolts disposed in a circle about said rotor member and within said air-gap, the length of the bolts being such as to admit of their removal from the air-gap.

1,578,578. LIGHTNING ARRESTER. EDGAR W. BERSCH, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 15, 1922. Serial No. 543,855. 13 Claims. (Cl. 175—30.)

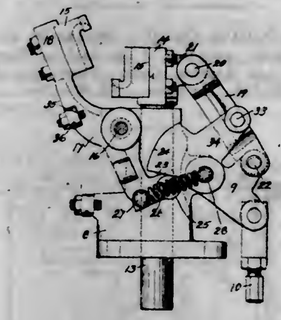
1. In a lightning arrester, a container comprising a housing, a plurality of insulating spacers of fibrous material and a hardened binder, a plurality of electrodes comprising the flat strips of conductor material and end

blocks in the ends of said housing, said end blocks having terminal screws secured thereto in central alignment with said electrode.



7. A discharge-gap device comprising a plurality of interlocking insulating spacers constituting a self alining column and discharge electrodes held by said spacers.

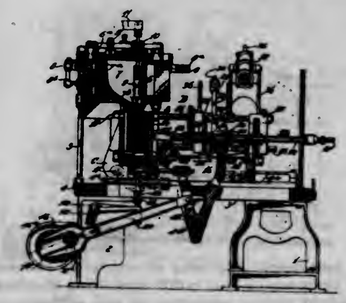
1,578,579. SINGLE-ACTUATOR CIGAR-BUNCH SHAPER. WILHELM B. BRONANDER, Brooklyn, N. Y., assignor to International Cigar Machinery Company, a Corporation of New Jersey. Filed Nov. 26, 1923, Serial No. 676,977. Renewed Sept. 29, 1925. 10 Claims. (Cl. 131—39.)



1. A cigar bunch shaping mechanism comprising a single cam-controlled actuator, a plurality of shaping members, and interposed operating connections including a cam device operating a part of said shaping members.

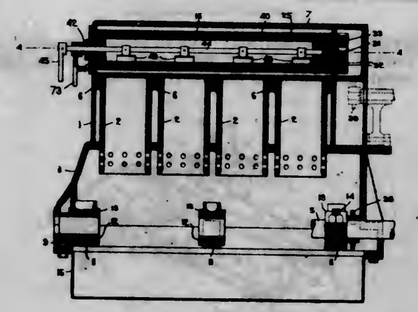
1,578,580. DIE-CASTING MACHINE. ERIC CARLSON, Chicago, Ill., assignor to Stewart Manufacturing Corporation, Chicago, Ill., a Corporation of Delaware. Filed Sept. 11, 1922, Serial No. 587,264. Renewed Dec. 7, 1925. 9 Claims. (Cl. 22—69.)

6. In a die casting machine in combination with a frame structure comprising a substantially horizontal bed, a downwardly discharging metal pot mounted at elevated position thereon overhanging the bed, a die carrier mounted for movement longitudinally of the bed from a position clear of the pot to a position under the same; means for operating the carrier to so move the die; means for elevating and upholding the die for registration of the die inlet with the pot discharge nipple; means for shutting off and for forcing discharge of the metal from the pot; a power shaft and cams thereon for



operating in predetermined time relation the die-advancing and uplifting movements and the metal shut-off and the metal discharge means.

1,578,581. INTERNAL-COMBUSTION ENGINE. CHARLES J. CAANA, Quincy, Mass., assignor of one-fourth to Alfred P. J. Pinel and one-fourth to Alfred Pinel, both of Quincy, Mass. Filed Apr. 29, 1922. Serial No. 557,460. 2 Claims. (Cl. 123—190.)

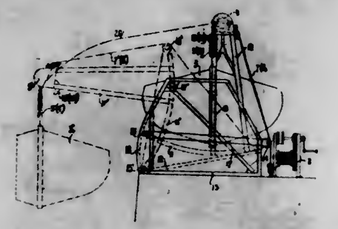


1. In an internal combustion engine, the combination with a cylinder having a piston therein and also having an inlet port, of a rotary tubular valve controlling said port, a tubular control member within said valve, a shaft extending axially of the valve and having a radial arm, a throttle member carried by said arm and engaging the inner wall of the control member, said control member being turnable about its axis and co-operating with the throttle member to vary the time of cut off.

1,578,582. INGREDIENT FOR PRINTING INKS. JOHN H. CAUGHLAN, Oakland, Calif. Filed May 19, 1924. Serial No. 714,501. 1 Claim. (Cl. 134—36.)

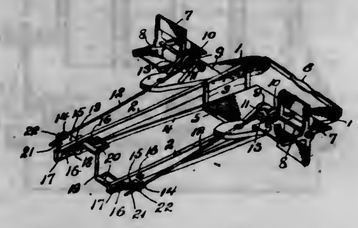
The process of producing an ingredient for printing ink which consists of mixing substantially 15 pounds of rosin, 2½ pounds of caustic soda and water boiled together and precipitated with a solution of aluminium sulphate, whereby aluminium resinate and gelatinous aluminium hydrate are formed and which when washed and pressed is ground while still wet with 24 pounds of #00 lithographic varnish.

1,578,583. DAVIT. JAN CHELEN, Rotterdam, Netherlands, assignor to Rotterdamsche Machinefabriek "Braat," Rotterdam, Netherlands, a Company of Netherlands. Filed July 14, 1923. Serial No. 651,641. 2 Claims. (Cl. 9—22.)



1. A boat davit comprising an outwardly inclined stationary track-way, a boat tackle supporting standard having a curved portion supported on and normally occupying a position adjacent the upper end of the inclined track-way and adapted to roll downwardly thereon, said standard being adapted, subsequent to its rolling movement, to swing outwardly on an axis coinciding with one end of the curved portion thereof, stops arranged to arrest the outward swinging movement of the standard, a boat fall, a windlass having the boat fall attached thereto and secured to a fixed part of the ship, and means adjacent the opposite end of said curved portion for guiding the boat fall during the upward movement of the last mentioned end, the tension of the boat fall acting against the guiding means producing an outwardly directed force against and tending to maintain the standard in outboard position.

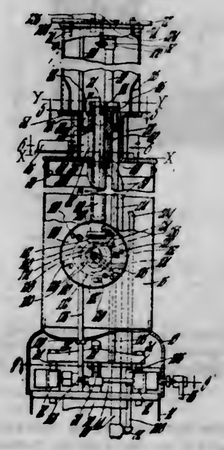
1,578,584. SWIMMING APPARATUS. IRVING J. CROMER, Kansas City, Mo. Filed Sept. 16, 1925. Serial No. 56,634. 6 Claims. (Cl. 9—18.)



3. In a swimming apparatus, two floats, a body supporting member intermediate of and supported by said floats, two rearwardly extending bars secured to said floats, two bearing members respectively forwardly and rearwardly adjustable on said bars, a transverse shaft rotatable in said bearing members and having two oppositely disposed cranks adapted to be engaged and turned by the feet of a person lying on said body supporting member, two propelling wheels respectively carried by said floats, and means actuated by said shaft for rotating said propelling wheels.

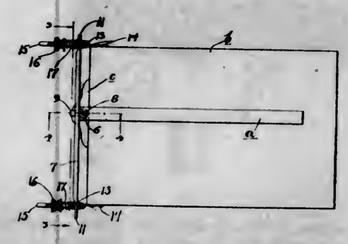
1,578,585. LIQUID-DISPENSING APPARATUS. JOHN B. DAVIS, Springfield, Mass., assignor to Gilbert & Barker Manufacturing Company, a Corporation of Massachusetts. Filed Nov. 7, 1921. Serial No. 513,368. 16 Claims. (Cl. 221—100.)

1. In a liquid dispensing apparatus, a reservoir, a reciprocating piston pump for forcing liquid into said reservoir, means including a movable member operatively connected with the pump piston for actuating said pump, a slidable discharge pipe associated with said chamber and movable to various positions therein to permit discharge of different measured quantities of



liquid therefrom, and mechanism operable by movement of said pipe into any of said positions to lock said member to prevent operation of the pump actuating means.

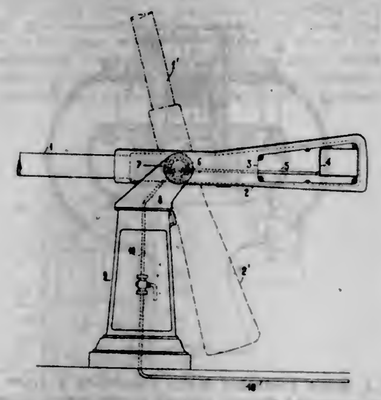
1,578,586. T-SQUARE GUIDE. THOMAS M. DAVIS, Los Angeles, Calif., assignor of one-half to Edward W. McKinney, Los Angeles, Calif. Filed Apr. 4, 1925. Serial No. 20,716. 4 Claims. (Cl. 33—76.)



1. A T-square guide comprising arms adapted to be secured to and project from a drawing board, a rod having its opposite ends slidably engaging the arms respectively, a T-square having a shoulder, and springs on the arms yieldingly holding the rod engaged with the shoulder to urge the T-square against an edge of said board.

1,578,587. AUTOMATIC GATE FOR RAILWAY CROSSINGS. GERARDO DE AGOSTINI, Compoiattaro, Italy. Filed Apr. 5, 1924. Serial No. 704,839. 8 Claims. (Cl. 246—125.)

1. A railway gate, including a bar rotatable about a horizontal pivot and terminating in a counterweight, a receptacle in said counterweight, means for pumping a liquid into and out of said receptacle, means for locking

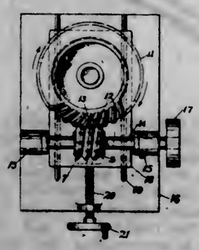


the pumping means upon the liquid being forced into said receptacle, and means for releasing said locking means to evacuate said receptacle.

1,578,588. MANUFACTURE OF VISCOSE. HENRY DREYFUS, London, England. Filed Jan. 28, 1922. Serial No. 532,505. 10 Claims. (Cl. 260—100.)

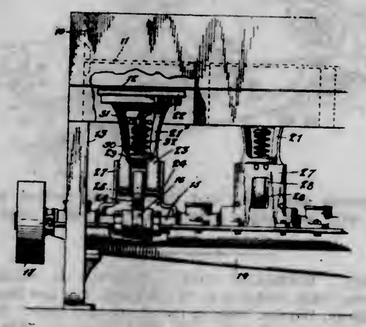
10. Process for the manufacture of viscose having in its constitution a molecule of carbon disulphide combined with several cellulose molecules, said process comprising subjecting a cellulosic body in association with caustic alkali to the action of carbon disulphide in benzol, the quantity of caustic alkali associated with the cellulosic body being not more than one molecule per molecule of cellulose, and the quantity of carbon disulphide being between about one-fifth and one-half a molecule per molecule of cellulose.

1,578,589. METHOD OF CHAMFERING GEARS. SCHUYLER H. EARL, Rochester, N. Y., assignor to Gleason Works, Rochester, N. Y., a Corporation of New York. Filed Aug. 5, 1925. Serial No. 48,231. 10 Claims. (Cl. 90—1.)



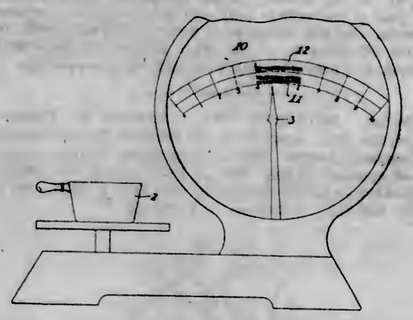
1. The method of chamfering gears which consists in selecting a tool provided with a continuous thread, one side of which is adapted to engage the side face of the teeth of the gear to be chamfered, and with a cutting portion whose effective cutting edge is so arranged relatively to said thread as to engage the opposite side face of the gear teeth, rotating said tool in engagement with the gear and rotating said gear solely by its engagement with the tool.

1,578,590. PAPER-PULP SCREEN. CLARENCE FANCHER, Hudson Falls, N. Y. Filed July 16, 1925. Serial No. 44,052. 6 Claims. (Cl. 92—32.)



3. A paper pulp screen having a flexible diaphragm, a hanger connected to said diaphragm, an axially rotatory circular shoe journalled in said hanger, a cam shaft, a series of cams of different sizes arranged on said shaft, one of said cams being adapted to engage the said roller shoe to vibrate the diaphragm, the length of the periphery of the shoe being greater than that of the cams and practically incommensurable therewith, and means whereby the cams may be shifted with respect to the roller shoe in order that a different cam may engage the shoe to change the length of vibration of the diaphragm.

1,578,591. ART OF MAKING ICE CREAM. ERNEST D. FEAR, Seattle, Wash. Filed Mar. 29, 1921. Serial No. 456,776. 4 Claims. (Cl. 73—51.)

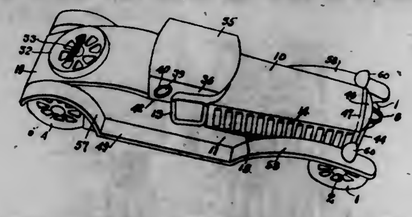


1. In the art of making ice cream, the method of standardization thereof which consists in giving each of several actual mixes of random weights per unit volume an overrun, and in stopping the overrun when the weight per unit volume of each actual mix equals the weight per unit volume of a selected standard mix at a selected standard overrun.

1,578,592. WHEELED TOY. CLARENCE E. FLOKEY, Dayton, Ohio, assignor to The Schieble Toy and Novelty Company, Dayton, Ohio, a Corporation of Ohio. Filed Nov. 3, 1922. Serial No. 598,902. 14 Claims. (Cl. 46—48.)

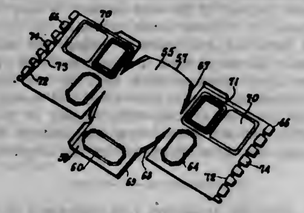
1. An automobile comprising three separable portions each cut and shaped from a single piece of metal, first, a body portion comprising a hood portion and sides, the

sides terminating in rearwardly extending arms, second, a rear deck, seat, and floor portion with the rear deck extending over said arms and the seat and floor extend-



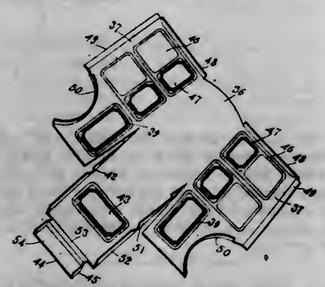
ing between said sides, and third, a top portion interfitting with said other portions and extending over the seat.

1,578,593. WHEELED TOY. CLARENCE E. FLORKEY, Dayton, Ohio, assignor to The Schieble Toy and Novelty Company, Dayton, Ohio, a Corporation of Ohio. Original application filed Nov. 3, 1922, Serial No. 598,902. Divided and this application filed Oct. 8, 1923. Serial No. 667,378. 4 Claims. (Cl. 46—48.)



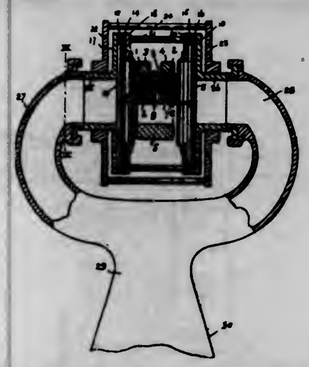
1. A blank for the bodies of toy vehicles formed from a single piece of sheet metal and comprising a central portion having its main portion shaped to conform to the top of the toy vehicle, an end extension shaped to form the rear of the vehicle body and provided with a window opening, and side wings each formed integrally with the center of one side of the main portion of the central portion and provided with door and window openings.

1,578,594. WHEELED TOY. CLARENCE E. FLORKEY, Dayton, Ohio, assignor to The Schieble Toy and Novelty Company, Dayton, Ohio, a Corporation of Ohio. Original application filed Nov. 3, 1922, Serial No. 598,902. Divided and this application filed Oct. 8, 1923. Serial No. 667,379. 3 Claims. (Cl. 46—48.)



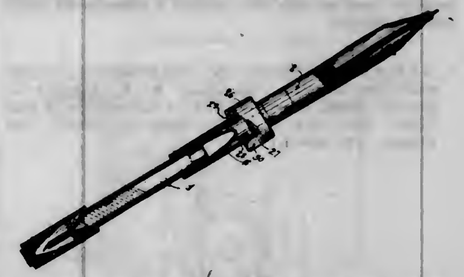
1. A blank for the bodies of toy vehicles formed from a single piece of sheet metal and comprising a central portion having its main portion shaped to conform to the top of the toy vehicle and an end extension shaped to form the rear of the vehicle body and provided with a window opening, and side wings each formed integrally at one end of the main portion of the central portion and provided with door and window openings.

1,578,595. SOUND-PRODUCING DEVICE. EMILE FRANTZ, San Francisco, Calif. Filed Feb. 3, 1925. Serial No. 6,669. 3 Claims. (Cl. 179—116.)



1. A sound producing device comprising a frame and means supported thereby adapted to establish a magnetic field, a circuit adapted to vary said field, an armature within said field, a plurality of diaphragms gripped in said frame and link means between said diaphragms and said armature hereby said diaphragms are constrained to vibrate in synchronism with said armature in response to the variations of said field, resilient rings about the peripheries of said diaphragms and screw actuated means constructed and adapted to variably compress said rings against said diaphragms and including an outside and inside plate for each diaphragm and a plurality of compression struts between said inside plates and a plurality of tension members between said outside plates.

1,578,596. ATTACHMENT FOR FOUNTAIN PENS AND THE LIKE. LEWIS FRITZ, Chicago, Ill. Filed Dec. 5, 1921. Serial No. 519,997. 1 Claim. (Cl. 120—84.)

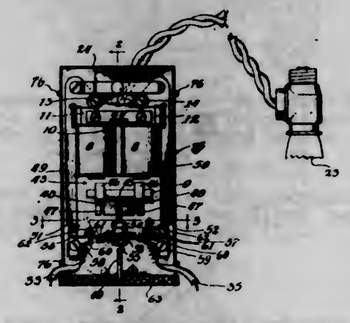


In a device of the character described, having a barrel, a resilient ring adapted to be fitted concentric with said barrel, intermediate its length and to lie in close engagement therewith, said ring having uniform, plain cylindrical side walls, and having a rabbeted portion concentric with and communicating with the bore at each end of the ring, whereby the thickness of said ring adjacent its peripheral edge is greater than that portion adjacent to the bore.

1,578,597. CONTROL SWITCH FOR TOY ELECTRIC RAILWAYS AND THE LIKE. ALBIN FROHNE, Chicago, Ill., assignor to American Flyer Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed July 11, 1922. Serial No. 574,182. 3 Claims. (Cl. 200—87.)

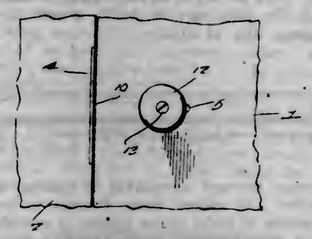
1. An electric control switch comprising in combination a vertical panel board, an electromagnet mounted

thereon with a vertical core, an armature beneath said core, a bracket on the panel board for normally supporting said armature, means for adjusting the bracket vertically on the panel board, a downwardly depending pin carried by the armature, stationary contacts projecting forwardly at the sides of the panel board, a pair of forwardly extending brackets secured to the panel board beneath said contacts, contact members pivotally mounted on said brackets and having their outer ends in position



to engage the stationary contacts when tilted on the brackets, counter balance weights normally rocking the contact members on the brackets to carry their outer ends downwardly away from the first mentioned contacts, an insulating collar on the pin located above the inner ends of the contact members and adapted to depress said inner ends when the armature and pin are lowered, and means for adjusting the position of said collar on the pin, substantially as described.

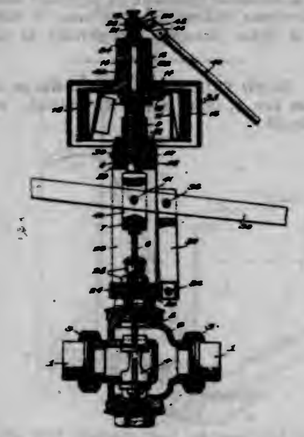
1,578,598. CLOSURE LATCH. CLARENCE E. GIDNEY, Sawtelle, Calif. Filed Apr. 14, 1925. Serial No. 23,020. 2 Claims. (Cl. 292—175.)



1. In a closure fastener of the class described, a casing and a spring pressed plunger slidable in said casing, said plunger comprising a head provided with a central stem screw threaded at its free end, a tongue having a screw socket in its inner end into which said threads are tapped, and a coiled spring surrounding said stem and bearing against said tongue at one end, said casing being provided with a stop with which the other end of the spring is engaged.

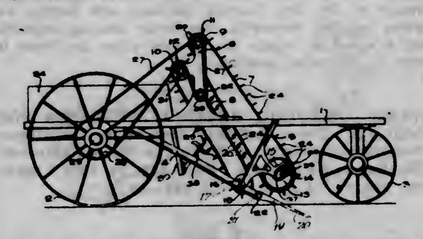
1,578,599. SAFETY DEVICE. JEAN V. GIESLER, Knoxville, Tenn., assignor to The Fulton Company, Knoxville, Tenn., a Corporation of Maine. Filed Mar. 12, 1923. Serial No. 624,648. 4 Claims. (Cl. 158—42.2.)

1. In combination with a fuel conduit and a source of fluid under pressure, an axially movable seating valve in said conduit, a chamber having an axially flexible wall, a permanent direct connection between said wall and said valve, connections between said chamber and said source of fluid under pressure, means adapted to move said flexible wall and close said fuel valve upon a predeter-



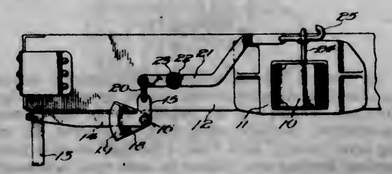
mined drop in said fluid pressure, a valve in said connections, and means operated by said means for closing said fuel valve for closing said valve in said connections.

1,578,600. COMBINED STONE AND ROOT GATHERER. HENRY GRATRIX, Niagara Falls, Ontario, Canada. Filed Aug. 29, 1923. Serial No. 659,993. 5 Claims. (Cl. 55—138.)



1. An apparatus of the character described comprising a frame, bearings carried thereby, a digging blade provided at its ends with stub shafts journalled in said bearings and spring means coacting with said bearings and stub shafts to yieldably maintain the blade at an angle to the vertical, said blade being movable against resistance of said spring means upon encountering an obstruction.

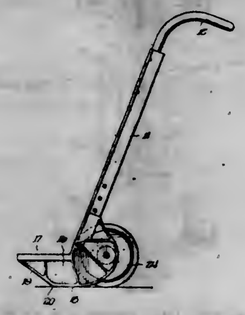
1,578,601. COUPLER RELEASE RIGGING. WILLIAM B. HALL, Chicago, Ill., assignor to Union Railway Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 7, 1925. Serial No. 13,694. 10 Claims. (Cl. 213—164.)



1. In a coupler release rigging in combination with the vertically movable locking pin, a pivoted pin-operating lever having its inner end so connected with the pin as

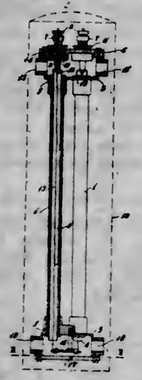
to impart vertical movements thereto, and a pivoted hand lever having its inner end standing in substantially right angle relation to the outer end of the pin-operating lever and so connected therewith as to impart vertical pin lifting movements thereto by a movement of the operating lever in either direction, substantially as described.

1,578,602. HAND TRUCK. WALTER A. HEATH, Chicago, Ill. Filed Dec. 8, 1924. Serial No. 754,543. 2 Claims. (Cl. 280—56.)



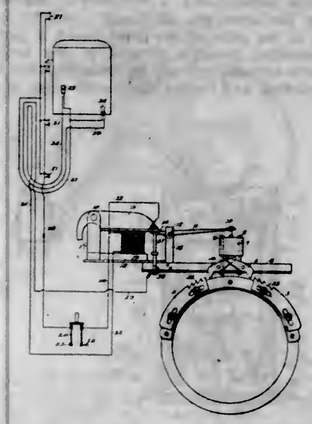
1. In a hand truck, a truck body, wheels secured to the truck, rocker members secured to the lower portion of the truck and a toe-plate extending across the rocker members, the rocker members having bearing portions adapted to engage the ground in advance of the wheels to support the truck together with the wheels while the truck is in a loading position, with the toe-plate horizontal, and additional bearing surfaces located in advance of the first bearing surfaces and having an angular relation therewith, the latter bearing surfaces being adapted to engage the ground when the truck is swung to unloading position.

1,578,603. ELECTRIC HEATING APPARATUS FOR LIQUIDS. KAREL FREDERIK HENNEMAN, The Hague, Netherlands, assignor of one-half to Pieter Kerkhoven, The Hague, Netherlands. Filed Aug. 14, 1924. Serial No. 732,116. 4 Claims. (Cl. 219—38.)



1. An electric heating apparatus for liquids, comprising a plurality of tubes arranged side by side and forming the sole conduit for the passage of the liquid, means for connecting the said tubes with each other, an insulating layer coating each tube, a heating element having an exposed heating wire located in each tube, said heating wires being connected at one end to the current supply means and being connected at the other ends in a starpoint.

1,578,604. ELEVATOR SAFETY DEVICE. HENRY GEORGE HILLMAN, New York, N. Y. Filed Apr. 8, 1922. Serial No. 550,756. 3 Claims. (Cl. 187—48.)



3. A safety device for elevators having a control member, a magnet, door-operating switches and circuits connecting the switches with the magnet, said magnet adapted to be operated when a door is opened, said devices comprising pivoted members normally tending by reason of their balance in response to gravity to engage the control member and lock it in an inoperative position, a slidable member responsive to gravity and adapted normally to hold said pivoted members in their disengaged position, and means associating the slidable member with the magnet whereby when the magnet is energized the slidable member will be released from the pivoted members whereby said pivoted members will drop into their normal position of engagement with the control member.

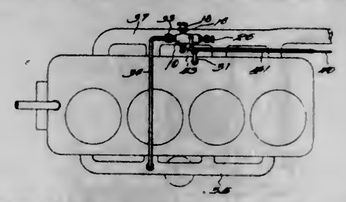
1,578,605. PAPER FASTENER. FRED J. KLINE, New York, N. Y. Filed May 26, 1924. Serial No. 715,798. 11 Claims. (Cl. 24—153.)



1. A paper fastener embodying a member having a main portion and spaced apart tongues to be pushed through papers at right angles thereto, a retaining member having slots through which the projecting tongue portions can then be passed and bent down on said member, and means for holding a covering member, a tongue covering member adapted to be held by said means, and means whereby the tongue covering member is secured in position on the retaining member by relative movements between said members and which movements include a laterally gyrating one and a limited longitudinal movement.

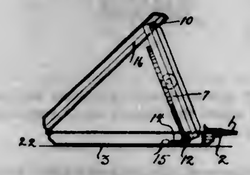
1,578,606. HUMIDIFIER FOR INTERNAL-COMBUSTION ENGINES. FRED W. LEUTHESSER, Oak Park, Ill. Filed Oct. 29, 1921. Serial No. 511,468. 2 Claims. (Cl. 123—25.)

1. In a humidifier for internal combustion engines, the combination of a casing provided with a longitudinal bore, a transverse bore and a vapor inlet passage connecting with the longitudinal bore, a valve plug rotatably mounted in the transverse bore and provided with a longitudinally extending air inlet passage intersecting a transverse plug passage, the latter being adapted, by rotative adjustment of the plug, to be brought into register with the longitudinal passage in



the casing, a valve for controlling the admission of vapor into the longitudinal passage in the casing, and means for rotating the plug, substantially as described.

1,578,607. WATCH. MACK H. LEVY and HERMAN WANDER, New York, N. Y. Filed Mar. 11, 1924. Serial No. 698,376. 5 Claims. (Cl. 58—88.)



1. A watch comprising a first watch case member, a movement carrier pivoted to said first watch case member adjacent the front thereof by means of a hinge located within said first watch case member, and spaced from the front wall of said first watch case member, a second watch case member connected to said first watch case member by means of a hinge located at the rear of the said first watch case member, spring means comprising a spiral spring associated with the first mentioned hinge and adapted to cause said movement carrier and said second watch case member to be moved away from said watch case member to an open position of said watch, and retaining means independent of said spring means and adapted to hold said movement carrier and said second watch case member together in the open position of said watch.

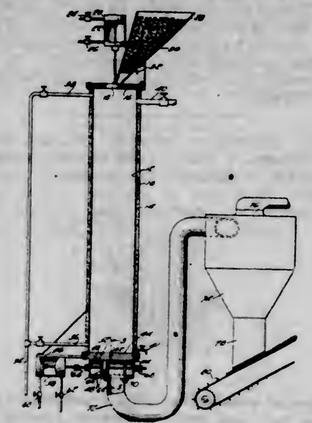
1,578,608. APPARATUS TO DEADEN THE NOISE OF TYPEWRITERS. HANS RUDOLF LUTZ-RUSSELL, Zurich, Switzerland. Filed Oct. 21, 1924. Serial No. 744,945. 3 Claims. (Cl. 197—147.)



1. A platen for typewriting machines, comprising a cylindrical roller formed of semi-resilient material, removable heads secured in each end thereof and provided with trunnions for application to a typewriting machine, and inflatable means confined within the cylinder and adapted to bear against all points on the inner wall thereof to eliminate the noise of impacting type bars.

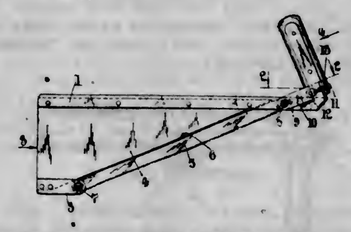
1,578,609. PROCESS AND APPARATUS FOR DISINTEGRATION OF WOOD AND THE LIKE. WILLIAM H. MASON, Laurel, Miss. Filed Sept. 24, 1924. Serial No. 739,748. 21 Claims. (Cl. 92—1.)

1. The process of disintegrating ligno-cellulose material, which consists in subjecting same in substantially its natural state except for mechanical subdivision in a closed high pressure chamber to penetration by elastic



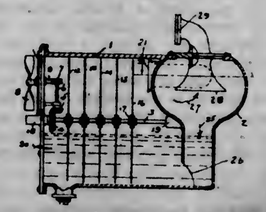
fluid under high pressure, and progressively forcing said material out through a relatively constricted opening in said chamber.

1,578,610. HACK AND LIKE FRAME SAW. EDWARD CHARLES FREDERICK OAKLEY, Norbury, England, assignor of one-half to Arthur Collier, London, England. Filed Mar. 6, 1925. Serial No. 13,590. 4 Claims. (Cl. 145—81.)



1. A hack saw comprising a bar, a handle mounted on one end thereof, a spacing web rigidly mounted on said bar, the thickness of which is not greater than the saw blade, a second bar rigidly mounted on said web, a saw blade mounted between said bars so that it lies in the same plane as the web and in angular relation to the bars, and means for tensioning said blade.

1,578,611. AIR CLEANER. AUGUSTUS M. SANBORN, Porterville, Calif. Filed Apr. 14, 1925. Serial No. 22,995. 2 Claims. (Cl. 183—9.)



1. An air cleaner comprising a chamber having a lower portion adapted to contain a liquid, a plurality of discs having small perforations mounted on a shaft and adapted to rotate within and in close proximity

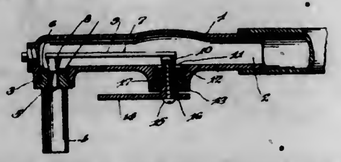
to the upper portion of said chamber, means for rotating said discs whereby their upper portions are continually retained wetted by said liquid, an inlet to said chamber for air that passes through said wetted portions, an annular receiver having a substantially tangential entering passage for said air a central outlet for said air and a passage from said receiver into said lower portion of said chamber.

1,578,612. ANCHORING DEVICE. MARCELLUS J. SCANLAN, Hermosa, S. Dak. Filed May 27, 1924. Serial No. 716,174. 2 Claims. (Cl. 189—90.)



1. A ground anchor comprising a bar having an entering lower end, and provided with an opening near its upper end, and an anchoring hook comprising spaced hook members and a connecting portion extending between the inner ends of the same and fitting pivotally in the said opening, said hook members having bills curved toward the connecting portion of the hook and lying at opposite sides of the bar, the hook, between its connecting portion and the bills of the hook members, being of less length than the distance between the opening in the bar and the upper end of the bar.

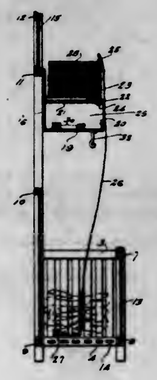
1,578,613. FAUCET. WESLEY A. SMITH, Sioux City, Iowa. Filed June 6, 1924. Serial No. 718,365. 4 Claims. (Cl. 226—128.)



1. A device of the class described comprising in combination an elongated body member having a longitudinally extending liquid passage, there being a liquid inlet connection at one end of said passage and a spout opening reaching into the other end of said passage and substantially at right angles to the direction of the passage, an outwardly facing shoulder in said spout opening, a valve seat removably entered into said spout opening and against said shoulder, a spout removably entered into the spout opening and clamping the valve seat against the shoulder, another opening in the wall of the body member at a position intermediate between the inlet connection and the spout, a flexible diaphragm in said opening lying substantially parallel to the direction of the passage through the matter, a rock arm extending longitudinally through the liquid passage, means in conjunction with said arm extending through the diaphragm in liquid tight fashion to the outside of the device, means in conjunction therewith for rocking the arm, and a valve member on the free end of the arm movable towards and from the valve seat aforesaid, substantially as described.

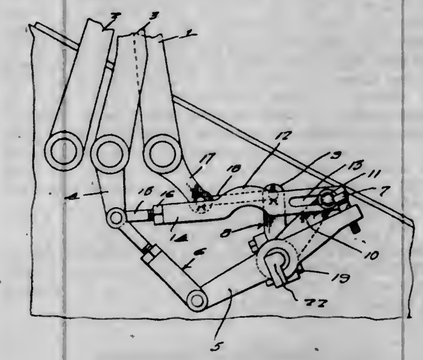
1,578,614. TOWEL CABINET. JAMES S. SULLIVAN, Birmingham, Ala. Filed July 17, 1925. Serial No. 44,140. 3 Claims. (Cl. 45—32.)

1. A towel cabinet of the character described, comprising a stand having a shelf with its forward edge portion hinged to fold over upwardly, and a lock means adapted to receive an individual towel post and carrier mounted in the forward hinged edge portion of the



shelf, said lock means having a bottom key hole adapted to be exposed when the hinged shelf edge and post are folded rearwardly.

1,578,615. CLUTCH-PEDAL-RELEASE MECHANISM. CURTIS G. TOOTLE, Atlanta, Ga. Filed July 14, 1925. Serial No. 43,553. 3 Claims. (Cl. 74—89.)



1. In combination, a clutch shaft, a brake pedal, a clutch pedal, a connection between the brake pedal and clutch shaft, a connection between the clutch pedal and the first named connection, said second connection being slidably connected with the first connection, an oscillatory lever mounted on said shaft, and connecting means between the lever and clutch pedal.

1,578,616. COMBINATION BATH APPARATUS. MICHAEL TROOTNEFF and JOHN GROMENKO, San Francisco, Calif. Filed June 22, 1925. Serial No. 38,801. 9 Claims. (Cl. 4—1.)

1. A combination bath apparatus comprising a furnace adapted to be installed within a compartment; a boiler mounted in connection with the furnace and arranged to be heated thereby; a cold water supply tank mounted above the boiler to maintain a supply of water therein to be heated; pipes connected to the boiler and the supply tank for delivering water therefrom for washing and bathing purposes; a crown plate mounted above the furnace; and means for delivering water onto the crown

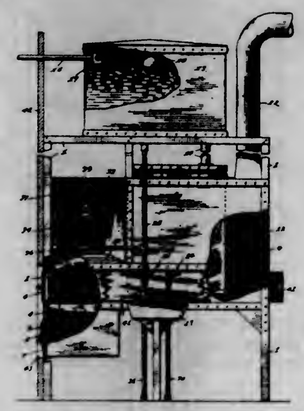
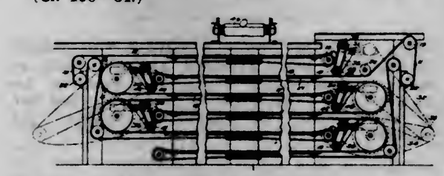


plate for generating steam for heating the compartment containing the apparatus, said steam being liberated within the compartment to form a steam bath.

1,578,617. DOUGHPROOFING CABINET. FRANK H. VAN HOUTEN, Beacon, N. Y., assignor to Dutchess Tool Company, Beacon, N. Y., a Corporation of New York. Filed Apr. 18, 1922. Serial No. 555,519. 9 Claims. (Cl. 198—84.)



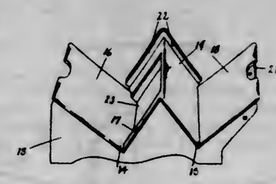
1. In a conveyor, an endless carrying belt adapted to be engaged by one face of an article, a second lower endless belt having a carrying reach positioned to receive the articles discharged from above by the first mentioned belt and adapted to be engaged by the opposite face of said articles, and an auxiliary belt free to swing about a horizontal axis positioned beyond the discharge end of the first mentioned belt in proximity to and above the second belt to guide said articles from one belt to the other, said articles being received on the lower belt bottom side up whereby said belts will be engaged by opposite faces of the articles.

3. In a conveyor, an endless belt having a substantially horizontal carrying reach, a second belt having a carrying reach below the carrying reach of said first mentioned belt and adapted to receive articles discharged therefrom, and an auxiliary belt having a substantially vertical guiding surface positioned beyond the discharge end of the first mentioned belt and extending into proximity with the carrying reach of said second belt.

1,578,618. RECOVERY OF METALS FROM THEIR ORES. HARRY V. WELCH, Los Angeles, Calif., assignor to International Precipitation Company, Los Angeles, Calif., a Corporation of California. Filed Nov. 12, 1923. Serial No. 674,283. 14 Claims. (Cl. 75—135.)

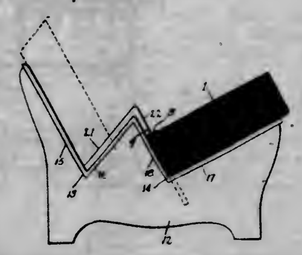
1. The process of treating ores containing copper together with gold or silver which consists in extracting gold, silver and copper from such ores by the action of a suitable cyanide solution, and subjecting the solution to the action of a precipitating agent to precipitate the gold or silver and copper therefrom and to regenerate a soluble cyanide in the solution for cyclic use thereof, the cyanide content of the solution being so adjusted that the solution during the precipitation of the copper contains in excess of four mols of cyanide, calculated as sodium cyanide, for each mol of copper present in the solution.

1,578,619. LOOSE-SHEET DEVICE. GEORGE P. WIGGINTON, LEON L. ALLYN, and NICHOLAS H. STUART, Kalamazoo, Mich., assignors to Kalamazoo Loose Leaf Binder Company, Kalamazoo, Mich. Filed Feb. 6, 1925. Serial No. 7,293. 17 Claims. (Cl. 129—1.)



1. The combination with record sheets, of a binder provided with sheet binding means removable from the cover whereby the sheet body bound together as a unit by such binding means may be removed from or placed in the cover as a unit, and a sheet support comprising a pair of sheet holders having side and end members disposed so that the sheets may be arranged on the side members with their side edges abutting said end members, said end members projecting beyond the side members at one end and having sheet alining guides on the projecting ends positioned so that the binding edges of the alined sheets project beyond the side members permitting the engagement and disengagement of the binding means therewith while in the holder, one of said end members having a recess therein to receive the projecting ends of sheets disposed between the record sheets.

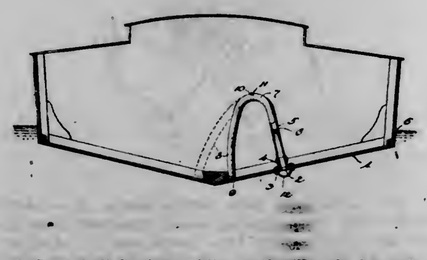
1,578,620. LOOSE-SHEET DEVICE. GEORGE P. WIGGINTON, Kalamazoo, Mich., assignor to Kalamazoo Loose Leaf Binder Company, Kalamazoo, Mich. Filed Jan. 2, 1925. Serial No. 164. 16 Claims. (Cl. 129—1.)



1. The combination with sheets having notches in their binding edges and holes adjacent their binding edges, of independent post bars provided with sheet binding posts and having notches alined with the notches of said sheets, a sheet support comprising a pair of holders having side and end members disposed so that the sheets may be arranged on the side members with their binding edges abutting the end members, the side and end members of one holder being disposed at right angles to each other and the side and end members of the other holder being

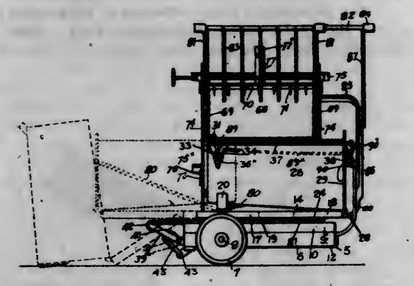
arranged at acute angles to each other, the side members having slots at their inner ends through which a post bar may be inserted or removed from below the holder, said side and end members having hand hold recesses in their inner edges opening to said slots facilitating the manipulation of the post bars and of the sheet body, and guide members disposed on said end members to coact with the notches of said sheets and post bars, the guides on the end member disposed at right angles to its coacting side member being extended below the side member facilitating the guiding of the post bar to the sheet body.

1,578,621. AUTOMATIC BAILER. GARFIELD A. WOOD, Detroit, Mich. Filed Oct. 4, 1924. Serial No. 741,553. 3 Claims. (Cl. 114—185.)



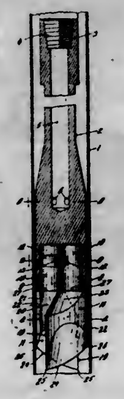
1. In a hull having a bilge outlet therein beneath the water-line thereof, an automatic bailer comprising a bilge pipe of inverted U-shaped formation extending upwardly from said opening to a point substantially above the water-line of said hull and then bent downwardly so that its free end is proximate to a part of said hull subject to the accumulation of bilge water, said bilge pipe having a vent opening in the upper part thereof.

1,578,622. GRAIN STOOKER. ISAAC NEWTON YOUNT, Drinkwater, Saskatchewan, Canada. Filed Aug. 16, 1920. Serial No. 403,967. 15 Claims. (Cl. 56—424.)



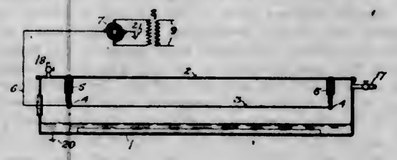
1. In a stooker, the combination with a stooker carriage and means for connecting the carriage to a binder, of a sheaf receiver turnably mounted upon the carriage, means for turning the receiver in a horizontal plane to carry the butts from a forwardly presented position to a rearwardly presented position, means for permitting the butt holding end of the receiver to swing downward to the ground upon reaching the aforesaid position, and connecting means between the receiver and the carriage adapted to allow of the up-ending of the receiver as it is brought into contact with the ground.

1,578,623. ROTARY WELL DRILL. JOHN A. ZUBLIN, Los Angeles, Calif. Filed Dec. 1, 1922. Serial No. 604,388. 18 Claims. (Cl. 255—76.)



1. A rotary well drill comprising a body, and a pair of coengaging cutters longitudinally and eccentrically journaled on the lower end of the body to swing transversely from closed overlapping positions to extended positions for forming an enlarged bore.

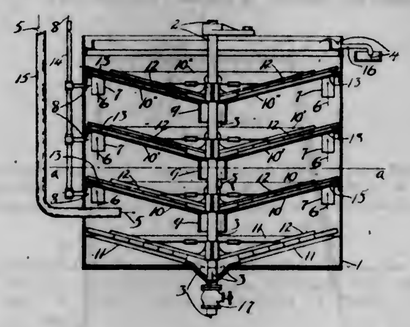
1,578,624. PROCESS FOR ELECTRICAL TREATMENT OF LIQUIDS. EVALD ANDERSON, Alhambra, Calif., assignor to International Precipitation Company, Los Angeles, Calif., a Corporation of California. Filed Nov. 20, 1923. Serial No. 675,819. 10 Claims. (Cl. 204—31.)



1. The process which consists in subjecting a colloidal suspension consisting of a material dispersed in a poorly conducting liquid to the action of a silent electrical discharge produced in a gaseous medium in contact with such liquid to cause separation of the suspended material from the liquid.

1,578,625. MULTIPLE-DECK PULP THICKENER. CLEMENT W. ANKENY, Colorado Springs, Colo., assignor to The Dorr Company, New York, N. Y., a Corporation of Delaware. Filed Apr. 26, 1922. Serial No. 556,816. 6 Claims. (Cl. 209—208.)

1. A settling apparatus comprising a plurality of superposed settling compartments having central openings for the downward discharge of settled solids, and having openings connecting adjacent compartments for the upflow of supernatant liquid, and scraping means passing over the bottom of each compartment and immediately



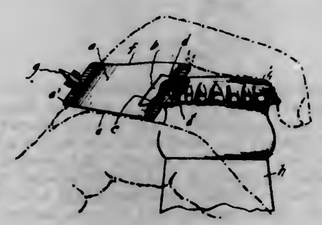
adjacent thereto to impel settled solids toward the solids discharge opening, said scraping means passing over the openings for upward flow of supernatant liquid.

1,578,626. BARGE. CARL J. BAER, St. Louis, Mo. Filed Apr. 7, 1924. Serial No. 704,864. 16 Claims. (Cl. 114—26.)



1. A boat of the scow or barge type comprising a hull and a superstructure including side and end sections adapted to be collapsed onto the deck of the hull, said hull and superstructure elements each constituting a separate water-tight pontoon-like member.

1,578,627. BOTTLE OPENER. JOHN C. BAUMGARTEN, Portland, Oreg. Filed Apr. 28, 1924. Serial No. 709,500. 5 Claims. (Cl. 65—46.)



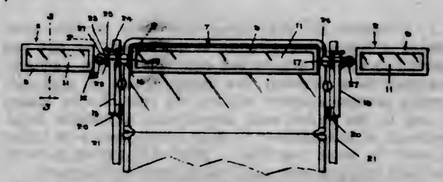
1. A bottle opener in ring form to be worn upon the finger and having a comparatively broad peripheral surface, the rear edge of such surface having a bearing portion on the outer side of the ring as worn in rear of the bearing portion at the inner side of the ring as worn, the inner peripheral surface of the ring being formed with an opening having its rear edge formed to present a lip disposed wholly in the plane of such peripheral edge.

1,578,628. DUST-DISTRIBUTING CAR. ROBERT D. BEATTY, Birmingham, Ala. Filed Dec. 29, 1924. Serial No. 758,750. 2 Claims. (Cl. 169—2.)



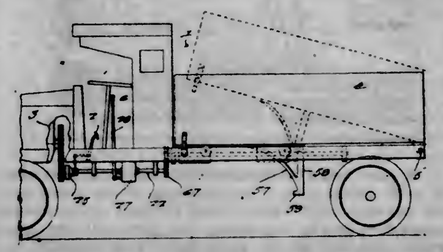
1. In a device of the class described, a wheel-mounted frame, a body carried by the frame, a blast conduit supported by the frame, means for producing a blast in the conduit, a conveyor in the body and discharging into the conduit, means for operating the conveyor, and mechanism for regulating the flow of material from the body to the conveyor, said mechanism being movably under the control of an operator and including a rake adapted to move along the bottom of the body.

1,578,629. ADJUSTABLE REFLECTOR. DORA FAUER BEAUCHAMP, Forest Hills, N. Y., assignor of thirty one-hundredths to Dorothea Calhoun, New Orleans, La. Filed Mar. 22, 1924. Serial No. 701,106. 3 Claims. (Cl. 45—97.)



3. A rear sight device for vehicles, comprising an elongated central reflector to extend transversely between opposite sides of a vehicle, side reflectors to project from the opposite sides of the vehicle beyond the ends of the central reflector, two brackets between said reflectors having means for securing them to supports of the vehicle at opposite sides of the vehicle, each bracket having a longitudinally split T-head composed of separable sections and having sockets at the opposite ends thereof, one section of each head being fixed to the corresponding bracket, the reflectors having balls at their adjacent ends fitted in the corresponding sockets of said bracket heads, and means for securing together the sections of each head to simultaneously clamp the corresponding balls in said sockets.

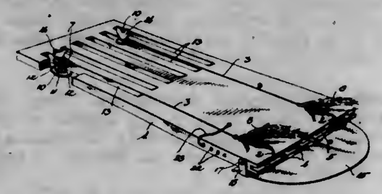
1,578,630. DUMP TRUCK. JOHN H. BOLDT, SAMUEL A. RANSON, and ALFRED W. MELLON, Blairsville, Pa. Filed Nov. 19, 1924. Serial No. 750,821. 1 Claim. (Cl. 298—21.)



A dumping apparatus for motor vehicles comprising in combination with the chassis of the vehicle and the motor, a dump body hinged on the rear end of the chassis, means operable by the motor for raising the forward end of the dump body to a dumping position,

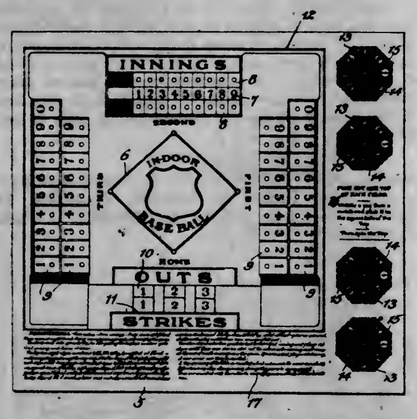
said means comprising a pair of longitudinally extending tracks secured in spaced relation on the bottom of the body, cam portions formed on the rear ends of the tracks and extending downwardly from the bottom of the body, a pair of spaced cross bars extending between the sides of the chassis, a rotatable screw extending between the cross bars and having its ends journaled therein, a block adapted for longitudinal movement on said screw, a transverse rod carried by said block, and rollers on the outer ends of said rod adapted for engagement with said tracks, said body adapted to be swung upwardly to a tilting position, when the rollers are in engagement with the cam portions of the tracks.

1,578,631. FISHHOOK. GEORGE W. BOLTON, Highland Park, Mich. Filed Nov. 18, 1924. Serial No. 750,668. 7 Claims. (Cl. 43—32.)



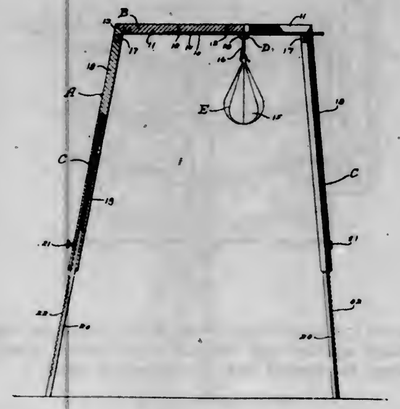
1. A holder for fish hooks and their leaders, comprising a supporting member having means at one end thereof to receive the barbed point of a hook, and nut-equipped bolts adjacent the opposite end of said supporting member adapted to have the nuts thereof engage a loop in the leader, said means being adjustable longitudinally of said support to exert a pull upon said leader to hold the same taut and to hold said barbed point of the hook engaged with said means upon the support.

1,578,632. GAME. EMIL BOMMER, Brooklyn, N. Y., assignor to Emil Bommer Playgrounds Foundation, Inc., Brooklyn, N. Y., a Corporation of New York. Filed Aug. 6, 1925. Serial No. 48,452. 5 Claims. (Cl. 273—93.)



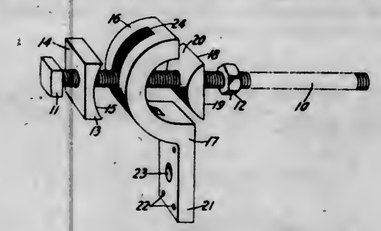
1. A game board of comparatively heavy material having parts spaced from a marginal edge of the board and each bounded by relatively weak portions of the board structure integrally connecting the part with the contiguous structure of the game board and normally retaining said part in fixed relation to the game board, but readily yielding to pressure applied against one side of said part whereby said part may be projected from the plane of the board and separated therefrom for use as a playing piece.

1,578,633. EXERCISING APPARATUS. JOHN E. BONDS, Providence, R. I., assignor of one-half to Joseph Edward Dailey, Providence, R. I. Filed May 29, 1924. Serial No. 716,781. 3 Claims. (Cl. 272—78.)



3. In a collapsible support for striking bags, a platform comprising a striking disc and three radially extending arms, said arms having their inner ends abutting at the axial center of the striking disc and extending radially therefrom in equal angular relation to one another past the marginal edges of the disc, vertically adjustable supporting legs hingedly connected to the outer end of each arm and capable of being folded inwardly beneath and across the axial center of said disc in crossed relation to one another, and means for detachably supporting a striking bag axially beneath said disc.

1,578,634. CLAMPING AND SUPPORTING DEVICE. CHARLES BORGMANN, Great Neck, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a Corporation of New York. Filed July 31, 1925. Serial No. 47,377. 2 Claims. (Cl. 189—36.)



1. A supporting device for retaining a structure situated at one level with respect to a structure situated at a different level comprising a flat portion adapted to be adjustably clamped to a surface in any desired position, curved portions integral with said flat portion, each having a slot therethrough and a bolt passing through said slot, means for firmly positioning said bolts in said slots and for easily shifting said bolts as desired.

1,578,635. CAMERA. CARL A. BOENMANN, Binghamton, N. Y., assignor to Ansco Photoproducts, Inc., Binghamton, N. Y. Filed May 13, 1925. Serial No. 29,978. 1 Claim. (Cl. 95—46.)

A camera including a support, provided with a recess along one edge thereof, a rail mounted on said support and overhanging said recess, a camera element movable

on said rail and provided with guiding means engaging the same, an independent split plate also carried by said



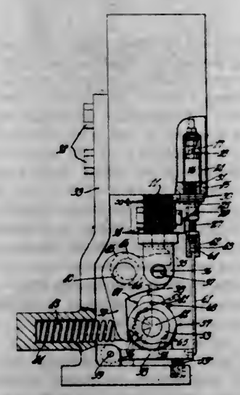
element and embracing said rail on the top and bottom thereof, and a set screw passing through said plate for drawing the same into locking engagement with said rail.

1,578,636. SEPARABLE FASTENER. CHARLES H. BRADLEY and FRANK D. ALLEN, Cleveland, Ohio. Filed Mar. 27, 1924. Serial No. 702,215. 7 Claims. (Cl. 24—109.)



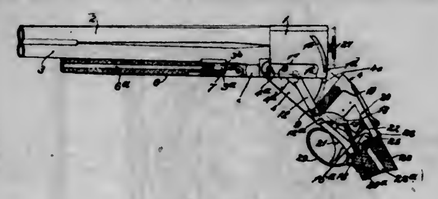
1. A separable cuff button comprising button members provided with hollow bell-shaped shanks and mating base portions including stud and socket members, said socket members being provided with oppositely arranged spring latching elements movable toward and from each other in said socket and said stud member being provided with inclined sides and intermediate rounded flanges having latch receiving recesses.

1,578,637. MAGNETO. PHELPS BROWN, Springfield, Mass. Filed Feb. 25, 1924. Serial No. 695,096. 24 Claims. (Cl. 123—149.)



1. In a magneto, of the type wherein a reciprocating armature is movable toward and away from a stationary magnetic pole to vary the reluctance of a magnetic circuit, means for varying the reciprocating movement of said armature to vary the degree to which the armature approaches to said pole.

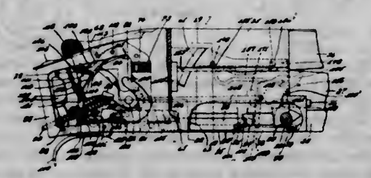
1,578,638. FIREARM. JOHN M. BROWNING, Ogden, Utah. Filed Oct. 15, 1923. Serial No. 668,575. 68 Claims. (Cl. 42—42.)



32. In a firearm of the over and under type, a receiver, a top lever post therein, hammers pivoted to said receiver rearwardly of said post, and a cocking lever having a pair of side members straddling said post and adapted to cooperate with the respective hammers.

58. In a firearm of the over and under type, firing mechanism having a pair of hammers, a single trigger operatively associated with said hammers to successively actuate the same on repeated pulls, means actuated by the "kick" of the gun for preventing "involuntary pull" of the trigger, and means associated with said last mentioned means for aiding movement thereof into and out of operative position.

1,578,639. FIREARM. JOHN M. BROWNING, Ogden, Utah. Filed Sept. 29, 1924. Serial No. 740,454. 43 Claims. (Cl. 42—42.)



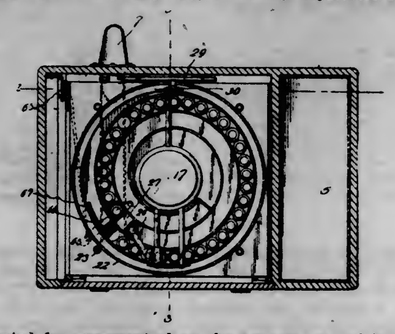
8. In a firearm of the over and under type, a breech piece, a receiver pivotally connected thereto, a hammer pivoted on said receiver, a reciprocable locking bolt carried by said receiver and adapted for locking engagement with said breech piece when the gun is closed, means for reciprocating said bolt, a pivoted cocking lever for cocking said hammer when the gun is broken, and interengaging means on the forward end of said bolt and said cocking lever whereby the cocking lever holds the locking bolt in inoperative position when the gun is open.

30. In a firearm, a receiver, a barrel section pivoted thereto, firing mechanism including a hammer, means for cocking the hammer when the firearm is broken, an extractor associated with the barrel for withdrawing shells therefrom, an actuator movably mounted on said receiver adapted to retract said extractor during the operation of breaking the firearm, a spring normally urging the actuator in a direction to retract said extractor, and means adapted to hold said actuator in operative position, said hammer being arranged to retain said means in holding position when the hammer is uncocked and during the major portion of the breaking operation of the firearm, said hammer being free of said means when the former is in cocked position.

1,578,640. VENDING MACHINE. MONROE BUNN, Lenox, and BUBBER C. ROBERTSON, Dyersburg, Tenn. Filed June 9, 1924. Serial No. 718,932. 4 Claims. (Cl. 211—8.)

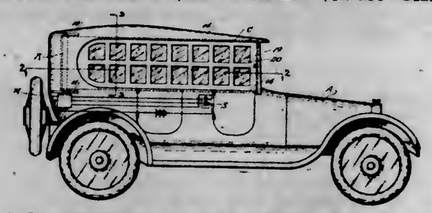
1. In a vending machine, a platform, a chute depending therefrom, a helical flange mounted upon the platform

and having its convolutions spaced from each other to provide a bottle passageway, a radially adjustable block



mounted for movement along the passageway and having a hooked flange which surrounds one of the bottles.

1,578,641. SIDE INCLOSURE FOR AUTOMOBILES. NORBERT W. BYWATER, Louisville, Ky. Filed Oct. 31, 1924. Serial No. 747,003. 8 Claims. (Cl. 296—142.)



1. In combination, a curtain, slotted guides for the side edges of said curtain and elastic fingers of rubber like material projecting inwardly and perpendicularly from the sides of the guide slots and arranged to bear against the curtain adjacent its edges.

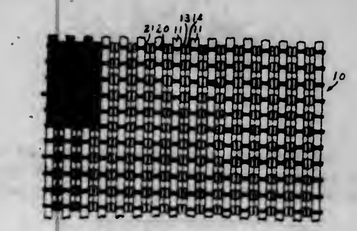
3. The combination with an automobile body having side openings extending from front to rear of each side; of housings at the rear of the body, a curtain roller mounted in each housing, upper and lower guides having opposed slots and positioned at the top and bottom of each side opening, a curtain on each roller, guide rollers arranged about the upper and lower ends of each curtain roller and arranged to guide the curtains out of the housings and into the slots of the guides, and a motor arranged to rotate in one direction to cause the curtain roller to roll the curtain up and in the other direction to cause the curtain roller to unroll the curtain and move it outwardly along the guide slots.

1,578,642. HEADBAND FOR TELEPHONE RECEIVERS. HARRY R. CLARKE, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 18, 1923. Serial No. 681,356. 4 Claims. (Cl. 179—156.)



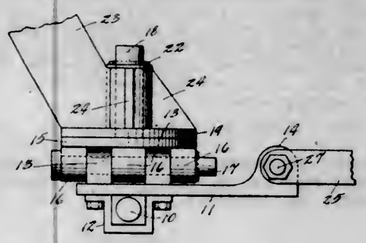
1. The combination with a head band for telephone receivers of a flexible strip folded to form a pad, and interlocking means integrally formed with said strip for retaining said pad on said band.

1,578,643. ELASTIC WEBBING. GEORGE E. CLAUSS, Ansonia, Conn., assignor to The Ansonia O & C Company, Ansonia, Conn. Filed July 22, 1925. Serial No. 45,391. 30 Claims. (Cl. 139—423.)



1. A web containing two layers of elastic warp cords, filling picks crossing above said cords and constituting face picks, middle filling picks between the two layers of cords, additional filling picks below the cords constituting back filling picks, warp threads binding all the aforesaid cords and filling picks together, and other warp threads held by certain of the middle filling picks and passing outside and across certain of the back filling picks in steps, each step comprising a plurality of back filling picks.

1,578,644. FIFTH-WHEEL CONNECTION. MICHAEL COLLINS, Joplin, Mo., assignor of one-half to J. L. Allhands and R. E. Davis, both of Joplin, Mo. Filed Mar. 6, 1925. Serial No. 13,603. 3 Claims. (Cl. 280—126.)

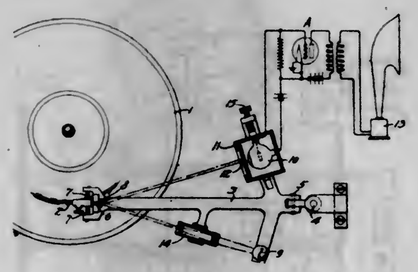


1. In a fifth-wheel, a draft table of unitary formation and having a rear turntable supporting portion and a front draft coupler portion integral therewith, a transverse axle disposed beneath and fixed to said turntable supporting portion, a turntable mounted on said turntable supporting portion to tilt laterally on a horizontal axis extending longitudinally of the draft table, and a draft element pivoted to the front draft coupler portion of the draft table to swing vertically on a horizontal axis transverse to the draft table, the said axes of the turntable and draft element being so disposed as to lie substantially in the same horizontal plane.

1,578,645. SOUND REPRODUCTION. EDWARD B. CRAFT, Hackensack, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 1, 1923. Serial No. 655,038. 4 Claims. (Cl. 179—100.1.)

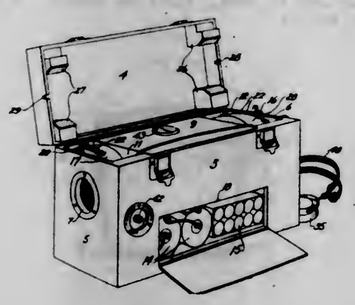
1. In a sound reproducer, a record having a record groove containing undulations representing sound, an oscillation member mounted so as to be free to oscillate about an axis, means to produce relative movement between said record and said member to bring successive portions of the sound record into operative relation with said member, and to cause oscillations of said member in accordance with the recorded sound undulations, a light-sensitive, electro-responsive element, means to throw a beam of light from said oscillation member to

said element, and to vary the illumination of said element by said beam in accordance with the actuation of the member by the sound undulations, means to make the



variations in illumination of said element independent of the position of said axis with respect to said record, and means to produce sound from the resultant electrical effects in said element.

1,578,646. TELEPHONE DEVICE FOR AIDING THE DEAF. EDWARD B. CRAFT, Hackensack, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 2, 1923. Serial No. 672,320. 3 Claims. (Cl. 179—107.)



1. In a binaural telephone device for aiding the deaf, a case having widely separated openings in the walls thereof, microphones removably positioned in said case and communicating with said openings, said microphones being usable in or out of said case for the binaural reception of sounds.

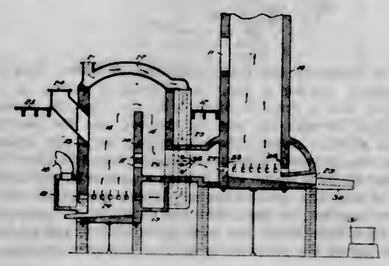
1,578,647. PROPELLING SYSTEM FOR SHIPS. GIOVANNI DE MEO, Genoa, Italy. Filed June 16, 1925. Serial No. 37,571. 2 Claims. (Cl. 115—38.)

1. Improved propelling system for the purpose of overcoming vibration in a ship or vessel, comprising propelling means arranged on each side of the vessel at or about midship, a motor to drive said propelling means arranged in close proximity thereto, each propeller being housed and arranged entirely in a recess of stream line form with which the ship is provided and situated just above the bilge portion of the keel and so that no portion of the propeller projects beyond the outline of the hull, and with the axis of the propeller shaft situated inside



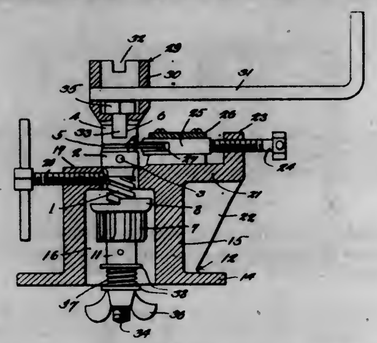
the line or surface of the hull, whereby the water flowing to and through the blades will move parallel with the longitudinal axis of the propeller shaft.

1,578,648. METHOD OF MELTING METALS. YULEE ALISON DYER, Cave Spring, Ga. Filed May 5, 1925. Serial No. 28,138. 11 Claims. (Cl. 266—14.)



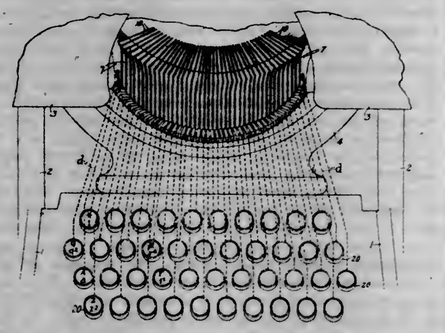
11. The process of melting iron or other metals, which consists in charging one combustion chamber with a comparatively deep bed of carbonaceous material, combusting said material in the presence of a supply of air which has been preheated to a temprature of approximately 600 degrees F., but not exceeding 1900 degrees F., conveying the hot gases formed from such combustion directly to a second combustion chamber, introducing a supply of additional air to said gases at a point intermediate the two chambers, and then passing said gases and additional air under, up and through, and against the lower exposed face of the lowest thin-gauged layer of carbonaceous material above and adjacent to which is superimposed the iron or metal to be melted, the second combustion chamber being charged with either one or several layers of iron or other metal to be melted under each layer of which iron or metal to be melted is a comparatively thin-gauged layer of carbonaceous material as compared with similar layers used in the methods now in use, in cupolas and which said gases are conveyed from said first combustion chamber to the second combustion chamber under mechanical pressure of not less than one-fourth of a pound to the square inch and not exceeding one and one-half pounds to the square inch, as is desired, and which said natural air used in the combustion of said carbonaceous material in the first or primary combustion chamber is preheated by forcing such natural air directly from a blower to a wind-box which leads into a series of cast iron, steel or refractory pipes or conduits forming the dome of such primary or first combustion chamber, thereby creating a continuous recuperating unit which preheats the natural air after combustion has been set up in such first or primay combustion chamber and as the hot gases are forced to the dome of said first or primary combustion chamber in their passage from such combustion chamber to the second combustion chamber, thus materially lowering the consumption of carbonaceous material in such process by having the blast enter the tuyères of the first combustion chamber at a temperature of approximately 600 degrees F. and upward, and thus permitting of a longer period of operation by minimizing troublesome bridging in the primary combustion chamber from cold slag.

1,578,649. BENDIX DRIVE TOOL. FREDERICK WILLIS ELY, Erie, Pa. Filed Sept. 13, 1923. Serial No. 662,553. 1 Claim. (Cl. 153—9.)



In a device of the class described, a frame including a pedestal having a top, there being a recess in the pedestal, and a reduced opening in the top, the opening extending through the edge of the top and the pedestal having a side opening communicating with the opening in the top, a retainer mounted in the top and extending into the opening in the top, a slide mounted for reciprocation on the top, means for advancing the slide, and a creaser carried by the slide and adapted to cooperate with an article which has been inserted into the opening in the top of the pedestal by way of the side opening.

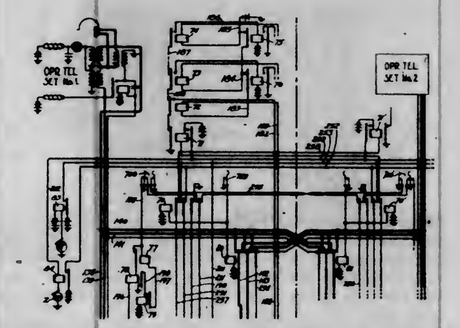
1,578,650. TYPEWRITING MACHINE. STEPHEN H. FARNHAM, Brooklyn, N. Y., assignor to Remington Typewriter Company, Ilion, N. Y., a Corporation of New York. Filed Feb. 27, 1924. Serial No. 695,420. 3 Claims. (Cl. 197—1.)



1. In a typwriting machine, type bar blocks provided with types for printing a code system comprising a plurality of sets of characters, each set comprising one or more different lower case characters, the characters of each set distinguished by the same exponent placed to the right of and partly extending above the associate characters.

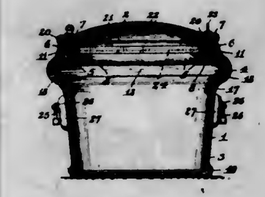
1,578,651. TELEPHONE-EXCHANGE SYSTEM. KARL M. FRITZER, Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 27, 1924. Serial No. 740,211. 28 Claims. (Cl. 179—49.)

1. In a telephone exchange system, the combination of an "A" operator's position, a "B" operator's position, a plurality of trunk lines extending between said positions, means controlled by the "A" operator for seizing one of said trunk lines, a telephone set associated with the "B" operator's position, a signal also associated with said "B" position, a signaling path common to said



plurality of trunk lines extending between the "A" and "B" operator's positions, means controlled over said path for operating said signal and for causing the connection of the "B" operator's telephone set with the trunk line seized by the "A" operator.

1,578,652. BURIAL CASKET. ALBERT A. FISHER, Buffalo, N. Y., assignor to Universal Cement Casket Corporation, Buffalo, N. Y., a Corporation of Arizona. Filed July 28, 1921. Serial No. 488,125. 5 Claims. (Cl. 27—3.)

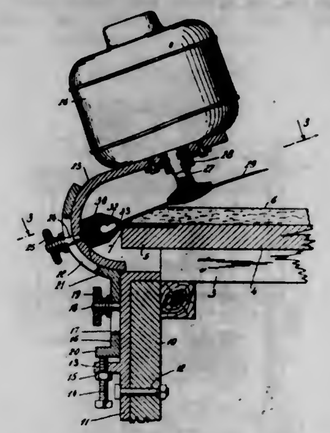


1. A burial casket formed of plastic material and having reinforced walls extending upwardly from the bottom thereof in straight lines, said walls having parti-tubular portions at their upper ends forming an exterior extension and an interior depression extending around the casket, thereby forming an enlargement of the interior thereof around the upper end and permitting said walls to be formed comparatively thin, said parti-tubular portions terminating in inwardly-directed flanges, and a cover supported by said flange.

1,578,653. METHOD AND APPARATUS FOR BEVELING FELT. ALFRED HUGH GALLAGHER, Chicago, Ill., assignor to Tanners Products Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 3, 1924. Serial No. 684,152. 24 Claims. (Cl. 164—60.)

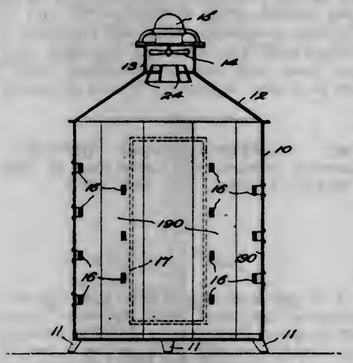
1. The method of beveling the edge of a piece of felt which comprises supporting the piece of felt on a plane surface, and progressively cutting the edge of the piece

of felt with a shearing action while supporting the edge of the piece of felt on either side of the cutting mechanism and also at a point on the edge surface adjacent



the point at which the edge is cut through for preventing distortion of the felt in a direction away from the main body of felt.

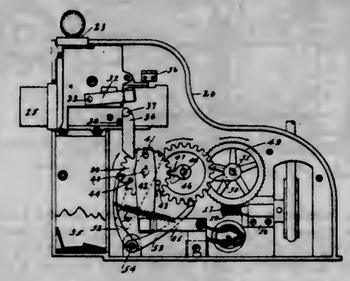
1,578,654. METHOD OF THERAPEUTIC TREATMENT. THEODORE R. N. GERDES, New York, N. Y. Original application filed Oct. 17, 1921, Serial No. 508,349. Divided and this application filed July 29, 1925. Serial No. 46,772. 2 Claims. (Cl. 174—177.)



2. The mode of therapeutic treatment which consists in enclosing the parts to be treated with a source of radiant thermal energy while causing a stream of external cooling air to pass through the enclosure over and in contact with the treated parts.

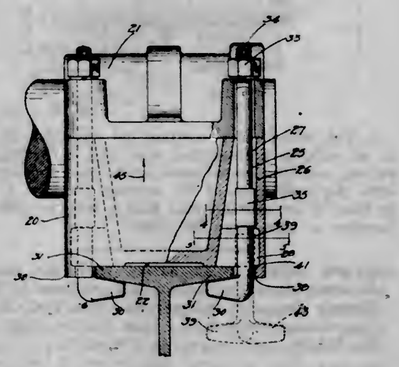
1,578,655. COIN-CONTROLLED METERING DEVICE FOR WASHING MACHINES. FRED J. GOGGINS, Los Angeles, Calif., assignor of one-half to Frank W. Kinney, Chicago, Ill. Filed Sept. 15, 1924. Serial No. 737,640. 3 Claims. (Cl. 192—142.)

1. In combination a washing machine having a support, a tub on said support, a motor, driving conections between said motor and the washing machine, a source of electric power, a switch interposed between the source of power and the motor, a movable switch operating member operated by and in invariable timed relation with said motor for breaking said switch after a uniform predetermined period of operation of the motor, a closed casing surrounding said switch and switch-operating member, means for locking said casing against unauthorized entry therein, the said switch and switch operating member being completely inaccessible and protected when the casing is closed so as to prevent unauthorized move-



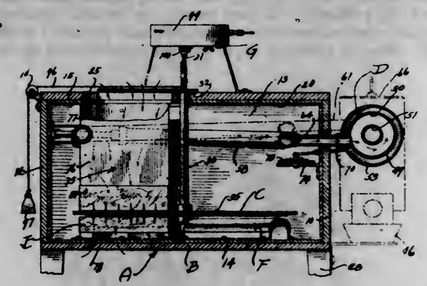
ment of either the switch operating member or the switch, the said casing being provided with a restricted opening and a guideway extending in proximity to the switch operating member, and a member adapted to enter said casing through said restricted opening and move along said guideway into a position of cooperation with said switch operating member to control the operation of the switch.

1,578,656. CROWN-BLOCK BOLT. WILBERT E. GORDON, Los Angeles, Calif., assignor to Emsco Tool Company, a Corporation of California. Filed Apr. 14, 1924. Serial No. 706,246. 13 Claims. (Cl. 189—35.)



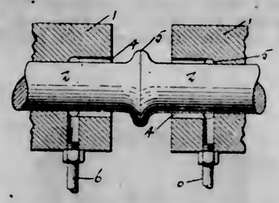
1. In means for securing together a primary member provided with an extending flange and a secondary member having a cavity extending therethrough, the combination of: a bolt extending through said cavity having a head formed on the lower extremity thereof; means for pulling said head against said flange in a manner to clamp said primary and secondary members together; means integral with said bolt engaging said secondary member for preventing the turning of said bolt in said secondary member when said head is against said flange; and means for preventing the accidental removal of said bolt from said cavity when said primary and secondary members are in contact.

1,578,657. INCUBATOR. WILLIAM EARNEST GEBBE, Enos, Okla. Filed Nov. 27, 1922. Serial No. 603,586. 12 Claims. (Cl. 119—42.)



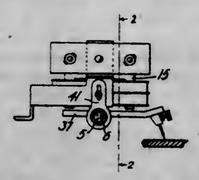
1. An incubator comprising a housing having a heating chamber therein and an airing compartment communicating with said heating chamber, egg supporting means rotatably mounted in said housing and having a portion positioned in said heating chamber and a portion in said airing compartment, and means for rotating the egg supporting means whereby the eggs may be periodically moved through the airing compartment as the egg supporting means rotates.

1,578,658. METHOD OF REMOVING THE BURR FORMED IN WELDING. PRESTON MARTIN HALL, Worcester, and WOLCOTT REMINGTON, Swampscott, Mass., assignors to Thomson Electric Welding Company, Lynn, Mass., a Corporation of Massachusetts. Filed Sept. 4, 1924. Serial No. 735,765. 3 Claims. (Cl. 219—10.)



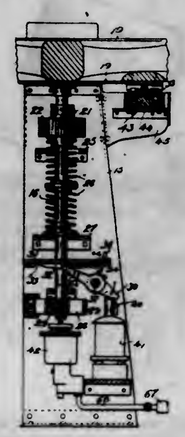
2. The method of preventing the formation of a burr in an electric butt-welding operation consisting in directing upon the heated metal of the burr simultaneously with the application of the welding pressure, a stream or blast of combustion-aiding fluid in amount sufficient to consume or burn away the upset.

1,578,659. ELECTROMAGNETIC DEVICE. HENRY C. HARRISON, Port Washington, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 16, 1923. Serial No. 675,090. 6 Claims. Cl. 175—336.)



1. A mounting for oscillatory members comprising an axial member parallel to the axis of oscillation, a plurality of rods attached parallel to said axial member, a support and resilient means securing said rods to said support.

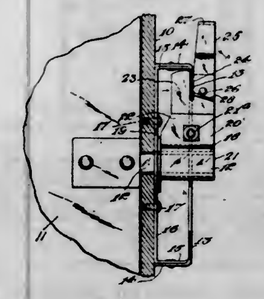
1,578,660. TURNSTILE MECHANISM. FRANK HEDLEY, Yonkers, and JAMES S. DOYLE, Mount Vernon, N. Y. Filed June 25, 1921. Serial No. 480,285. 25 Claims. (Cl. 39—2.)



1. A turnstile mechanism normally operable in opposite directions, the operation thereof in one direction being free and unrestricted, and that in the other direction being controlled or restricted, and means to control the speed of operation thereof.

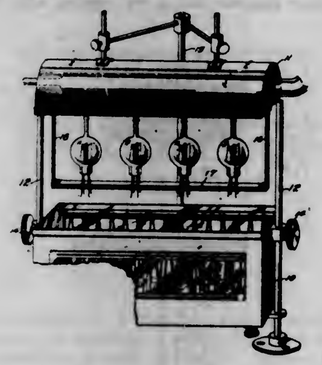
20. A turnstile mechanism including a vertically disposed shaft carrying turnstile arms, a wheel carried thereby having peripheral teeth and also having stop shoulders corresponding in position to said turnstile arms, a pawl co-operating with said peripheral teeth, a stop co-operating with said stop shoulders, and means whereby when said stop is disengaged from a stop shoulder said pawl is engaged in said peripheral teeth.

1,578,661. DAMPER-SECURING DEVICE. JOHN HRUSOVSKY, Newark, N. J. Filed Aug. 14, 1925. Serial No. 50,178. 2 Claims. (Cl. 126—295.)



1. A damper securing means comprising a flue, a damper in the flue, including a shaft extending through the wall of the flue, a ring-like bracket on the said wall, and an arm on the shaft and slidable loosely on the bracket, the arm having a slit to loosely receive the ring-like bracket, and a lever pivoted to the arm, the lever having a projecting end to form a handle and having the other end formed into a cam to bind the bracket between one edge of the slit and said cam.

1,578,662. ELECTRIC OVEN. FREDERICK L. HUNTER, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 19, 1921. Serial No. 516,308. 14 Claims. (Cl. 219—35.)



7. An electric oven comprising a casing composed of a single layer of sheet metal whereby the heat capacity of said oven is low, the inner wall of said casing presenting a heat reflecting surface, and a source of heat arranged within said casing but spaced from the wall thereof.

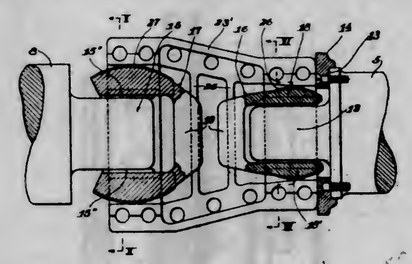
1,578,663. WATERPROOFING CONSTRUCTION. HARRY C. INNES, Hartwell, Ohio, assignor to The Philip Carey Manufacturing Company, a Corporation of Ohio. Filed June 14, 1920. Serial No. 388,946. 3 Claims. (Cl. 72—127.)



1. A waterproofing construction consisting of a layer of preformed relatively rigid block like waterproofing slabs, composed of layers of bituminous saturated flexible sheets bonded together by a relatively thick layer of bituminous material and compressed into a block like slab, said slabs all arranged in the same plane with adjacent edges abutting so that corresponding sheets of flexible material in adjacent slabs will be in substantially the same plane and the corresponding layer of bituminous material in adjacent slabs will be in the same plane, a bituminous material between adjacent slabs cementing the abutting edges of adjacent slabs all so arranged that corresponding layers of flexible sheets in adjacent slabs are substantially continuous and the corresponding layers of bituminous material in adjacent slabs are substantially continuous.

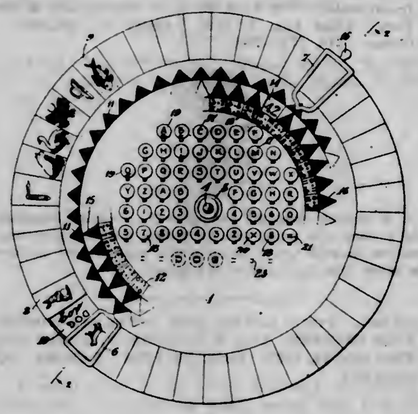
1,578,664. WABBLER. HERBERT CLYDE INSLEE, Roselle, N. J., assignor to The Babcock & Wilcox Company, Bayonne, N. J., a Corporation of New Jersey. Filed Mar. 26, 1924. Serial No. 701,980. 5 Claims. (Cl. 64—107.)

1. The combination of a driving shaft, a driven shaft, a yoke slidably and rockably engaging each of said shafts, a casing operatively connecting the yokes and anchoring the same against longitudinal displacement, the said yokes being mounted for rotative movement



within the said casing, and a ring fixed to one of said shafts in alignment with the said casing whereby to limit longitudinal movement thereof.

1,578,665. EDUCATIONAL DEVICE. SAL KANTOR, New York, N. Y. Filed May 13, 1924. Serial No. 712,944. 17 Claims. (Cl. 35—9.)

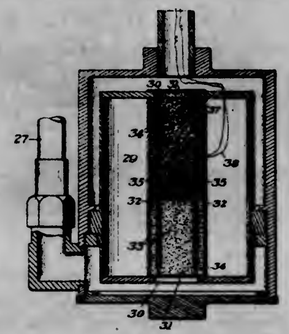


1. In an educational device the combination of a part having impressed thereon a series of illustrations a majority of which are viewable at all times, said part having an opening formed therein of sufficient size to permit the name of any object shown in any illustration to be exhibited, and a second part assembled with and relatively movable to said first part, said second part having a series of names positioned thereon to be brought into registry with said opening, said names having definite relations to objects shown in said illustrations.

1,578,666. METHOD AND APPARATUS FOR QUANTITATIVE DETERMINATION OF GASES. SIDNEY H. KATZ, Pittsburgh, Pa. Filed Mar. 12, 1925. Serial No. 14,915. 40 Claims. (Cl. 23—232.)

9. The method of quantitative determination of carbon monoxide, which includes subjecting the gas to the action of a filter, passing the gas over hopcalite and measuring the temperature increase, the filter being adapted to remove suspensoids tending to poison the hopcalite.

38. Apparatus for the quantitative determination of gases, including gas supply means, a drier, a purifier, a constant temperature chamber containing preheating means for bringing the gas being analyzed up to sub-



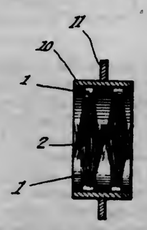
stantially the temperature of the chamber, a catalytic cell within the chamber having a catalyst therein, and electrical temperature measuring means for measuring the evolved heat.

1,578,667. BINDING POST. LE ROY W. KELSAY, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 3, 1923. Serial No. 655,891. 4 Claims. (Cl. 173—259.)



1. A circuit terminal comprising an eyelet insertable into a hole in a panel and a binding post adapted when inserted in said eyelet to split the wall thereof to force the same into the body of the panel.

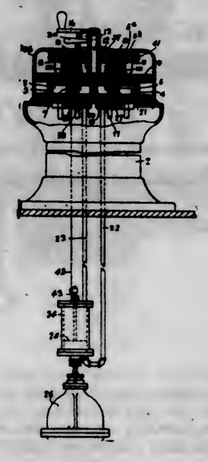
1,578,668. FUEL MIXER FOR INTERNAL-COMBUSTION ENGINES. LION H. KIRKPATRICK, Lawton, Okla. Filed Jan. 24, 1925. Serial No. 4,604. 3 Claims. (Cl. 48—180.)



1. A device of the class described comprising a gasket ring having a plurality of brushes of metal strands arranged around the primeter on the inner face thereof, the strands of said brushes extending toward each other and being intertangled and their ends left free.

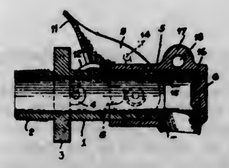
1,578,669. MULTIPLE OPERATING VALVE. FREDERICK B. LEOPOLD, Pittsburgh, Pa. Filed June 28, 1923. Serial No. 648,404. 2 Claims. (Cl. 137—144.)

1. Valve structure comprising a valve casing having a pair of valve chambers therein, a plurality of annularly arranged ports in an end wall of each of said chambers, a fluid pressure port and a drain port in the side wall of said chambers, a rotatable valve disc fitting against the end wall of each of the chambers and having a port positioned to register with said annularly disposed ports successively, each of the annularly arranged ports in one chamber having paired relation with the port in the other chamber, means for rotating said discs in



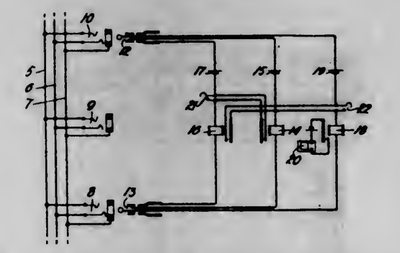
definite relative relation, a source of fluid pressure, a valve for effecting communication between said source and said pressure ports selectively, and a valve for opening and closing said drain ports selectively, means disposed exteriorly of the casing, for rotating said disc, and means disposed exteriorly of the casing for operating said valves.

1,578,670. FAUCET. HECTOR V. LOUGH, Hartford, Conn., assignor to Lough Brothers, a Partnership consisting of Walter E. Lough and Percy F. Lough, New York, N. Y. Filed Apr. 15, 1924. Serial No. 706,633. 6 Claims. (Cl. 251—41.)



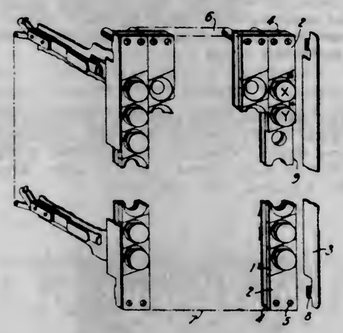
6. In a faucet, the combination of an open ended tube, adapted to be fixed in position, a sleeve slidably mounted thereon having a closed end adapted to seat against the outer end of said tube to close the same, said sleeve having a lateral discharge opening therethrough adjacent to its outer end, a hand lever pivoted to said sleeve, to move forward and back with said sleeve and to swing about its pivot from an upper position to a lower position, said sleeve having a surface against which said lever seats in its lower position, and a resilient link connecting said tube and lever at such points as to constitute a toggle with said lever, and to cause a limited movement of said lever downwards to close said tube and sleeve ends together, and a further movement of said lever to its lower seated position to swing said link past the pivot of said lever, to spring said link and resiliently press said tube and sleeve ends together.

1,578,671. TESTING DEVICE. FREDERICK J. MARTIN, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 19, 1923. Serial No. 646,849. 8 Claims. (Cl. 179—175.)



6. In combination, a plurality of jacks, multiple wires connecting the terminals of said jacks, and a testing device comprising a train of relays, a pair of plugs for connecting the relays to the jacks, and means for indicating the standard combination of the jacks and multiple wires.

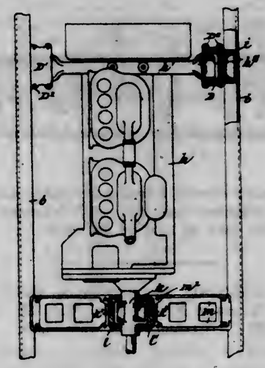
1,578,672. DESIGNATION DEVICE. HAROLD T. MARTIN, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 23, 1924. Serial No. 733,716. 11 Claims. (Cl. 179—90.)



1. A designation plate, rhombus in shape, with a character thereon, containing a hole centrally located with respect to the sides thereof.

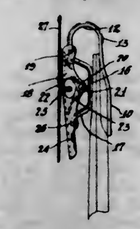
1,578,673. CUSHIONED SUPPORT FOR THE UNITS OF MOTOR VEHICLES. ALFRED F. MASURY, AUGUST H. LEIPERT, and CURT SAURER, New York, N. Y., assignors to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed June 18, 1921. Serial No. 476,994. 4 Claims. (Cl. 180—64.)

1. In combination with two frame members and a unit to be supported at two points thereon, rigid supporting means extending from the unit and connected thereto, housings supported by the frame members and open to receive the said supporting means, respectively, non-metallic yielding material disposed within each housing and lying generally in two vertical columns above and below the supporting means to resist yieldingly movements thereof upwardly and downwardly and horizontal columns in the plane of the supporting means to



resist movements thereof horizontally, and seats for the material on the supporting means and within the housings to hold it against displacement with respect to the supporting means and housing, respectively.

1,578,674. SAFETY CLASP. ERNEST MILLER, New York, N. Y. Filed Mar. 7, 1925. Serial No. 13,813. 1 Claim. (Cl. 24—81.)

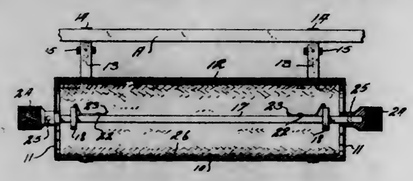


A safety-clasp of the class described, comprising a reinforced and perforated spring metal plate bent upon itself to form two parallel shanks connected by an upper bend, an inwardly extending loop or abutment formed in one of its shanks adapted to be brought closer to said other shank, a pair of clamp plates, a pin for pivotally securing and connecting the inner meeting edges of said clamp plates, knuckle members interengaging, formed at said meeting edges, above said pin, one of said clamp plates pivotally secured near its outer end to one of said shanks above the abutment formed therewith, and the other of said plates pivotally secured intermediate its ends to the same shank and acting as an operating member to break the engagement between the inner meeting edges of both clamps for varying the distance between both shanks to allow a clasping of a wallet to an inner coat pocket.

1,578,675. CURTAIN CARRIER FOR AUTOMOBILES. CLYDE B. MOON, Burr Oak, Kans. Filed Aug. 1, 1925. Serial No. 47,536. 6 Claims. (Cl. 222—29.)

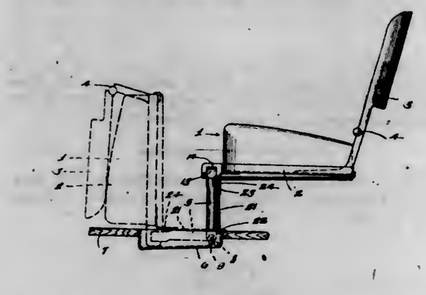
6. A curtain carrier of the character described comprising an outer case having end members, straps fastening around the case and attached to the body thereof and each formed at one point with a loop adapted to embrace

the bow of a vehicle top and said straps having means whereby they may be buckled to the case, a longitudinal shaft rotatably mounted in the ends of the case and pro-



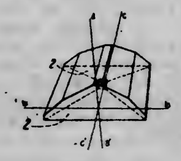
jecting outward thereof whereby the shaft may be rotated and means mounted upon the shaft whereby the margin of the curtain may be held to the shaft.

1,578,676. FOLDING AUTOMOBILE SEAT. LEWIS J. MORGAN, Syracuse, N. Y. Filed Mar. 27, 1924. Serial No. 702,383. 7 Claims. (Cl. 155—12.)



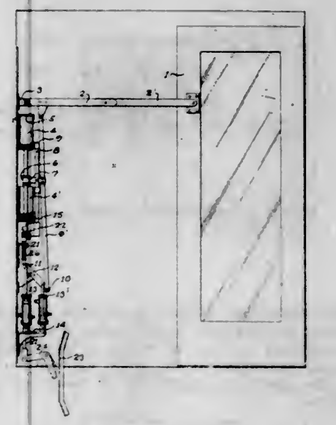
1. In a folding automobile seat, the combination of a seat body, supporting means for the body arranged when upright in a transverse plane extending at approximately a right angle to the central longitudinal plane of the vehicle body, said means being hinged at its lower end on an axis extending at an inclined angle to such central longitudinal plane of the vehicle body, and being connected at its upper end to the seat body by a combined swiveling and hinge joint, comprising a part hinged to the seat body on an axis extending at an angle to said transverse plane, and a part swivelled in the former part.

1,578,677. METHOD OF GROWING CRYSTALS. ALEXANDER M. NICOLSON, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 30, 1924. Serial No. 740,747. 6 Claims. (Cl. 252—1.)



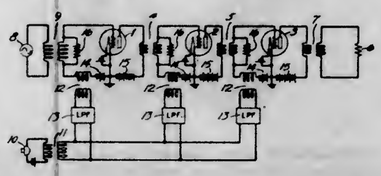
1. The method of preparing a mother liquor from which to grow hour-glass crystals of Rochelle salt, comprising dissolving Rochelle salt in water to secure complete equilibrium between the solvent and the solute, maintaining the solution at all times at a temperature not exceeding 40° C. and adjusting its density to a value between 1.37 and 1.38 (38° C./50° C.).

1,578,678. PNEUMATIC DOOR-OPERATING MECHANISM. CLIFFORD NORTON, New York, N. Y., assignor to Graham & Norton Company, New York, N. Y., a Corporation of Delaware. Filed July 7, 1923. Serial No. 650,042. 15 Claims. (Cl. 308—6.)



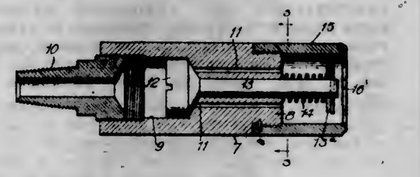
1. The combination with power actuated mechanism for imparting reciprocating motion to doors or other objects, of two dashpots each including a cylinder and a piston whose cylinders are mounted upright on their closed ends and each adapted to exert its cushioning effect as its piston descends into the lower end thereof and means connected with the door or other reciprocating object for operating said dashpot pistons in opposite directions respectively in correspondence with the opening and closing movements of the door.

1,578,679. MODULATING SYSTEM. EUGENE PETERSON, New York, N. Y., assignor, by mesne assignments, to Western Electric Company, Incorporated, a Corporation of New York. Filed Apr. 15, 1925. Serial No. 23,232. 6 Claims. (Cl. 179—171.)



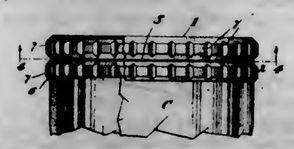
1. A modulating system comprising a plurality of space discharge amplifiers having anodes, cathodes, and control electrodes, coupling circuits for connecting said amplifiers in tandem whereby waves repeated in the space path of one amplifier are impressed upon the control electrode of the succeeding amplifier, a source of carrier waves, a source of signal waves, means for impressing simultaneously upon the control electrode of said amplifiers waves derived from both of said sources whereby the carrier wave is separately modulated in each amplifier, and means for controlling the phases of the waves in the space path of each amplifier so that the modulation products separately produced reinforce the modulation products, repeated from the preceding amplifier.

1,578,680. AUXILIARY AIR AND FUEL MIXING DEVICE. JOHN SEVILLE POOLE, Cambridge, Mass., assignor of forty-nine one-hundredths to Harold E. Garrabrant, Cambridge, Mass. Filed Feb. 9, 1924. Serial No. 691,842. 1 Claim. (Cl. 251—144.)



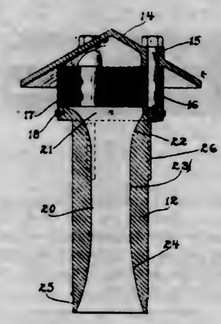
In combination with the fuel inlet manifold of an internal combustion engine, an auxiliary air introductory device, comprising a main cylindrical body portion having a central opening extending longitudinally therethrough and formed with a reduced extension on one end and a recess in its opposite end providing a valve chamber; air passages extending through said body portion substantially parallel to the central opening therein and terminating in the bottom of said recess, said passages communicating directly between said chamber and the atmosphere; a reciprocable suction-plunger normally seated within said chamber with its stem extended through said opening and adapted to open and close said air passages according to the operation of the engine; a nozzle in open communication with said valve chamber, secured to and discharging into said manifold; and an open-ended-cap secured upon the reduced extension of said body portion enclosing the extended end of the plunger stem, having an air screen secured in its open end.

1,578,681. FRICTIONAL SEALING CLOSURE. GEORGE RAMSEY, Brooklyn, N. Y., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y., a Corporation of New York. Filed Sept. 21, 1922. Serial No. 589,584. 8 Claims. (Cl. 215—38.)



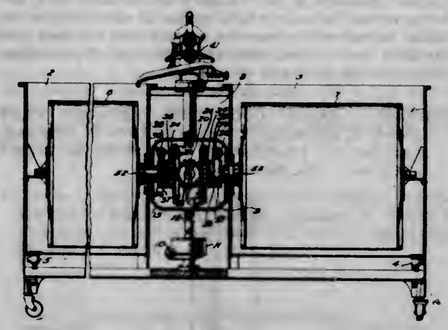
1. In a closure for containers having a substantially cylindrical sealing surface adjacent the mouth; a skirt comprising a series of corrugations extending substantially the full height of the skirt and rendering it readily expansible through a large range to size it to the individual container to which the closure may be applied, said corrugations protruding inwardly and having crests located on a circumference smaller than the sealing wall of the container for which the closure is designed whereby the corrugations grasp the sealing wall when the closure is applied; and an annular sealing bead traversing said corrugations intermediate their ends, said bead having a continuous annular crest adapted to grasp the sealing wall, said annular crest being of smaller circumference than the line of crests of said corrugations.

1,578,682. COMPRESSOR INTAKE MUFFLER. WARD RAYMOND, Easton, Pa., assignor to Pennsylvania Pump & Compressor Company, Easton, Pa., a Corporation of Pennsylvania. Filed Dec. 3, 1924. Serial No. 753,652. 6 Claims. (Cl. 137—160.)



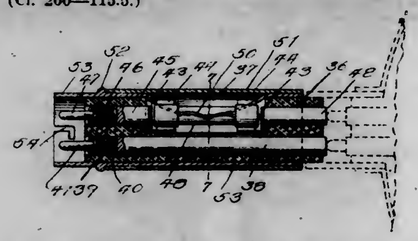
1. A compressor, an intake therefor, a conduit forming a part of said intake and having a restricted passage therethrough of material length to materially increase the velocity of the fluid entering the compressor, and velocity changing passages of varying cross section on opposite sides of said restricted passage, the restricted and velocity changing passages being circular in cross section throughout their length.

1,578,683. WASHING MACHINE. CHARLES E. REDDIG, Kew Gardens, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 4, 1921. Serial No. 512,706. 2 Claims. (Cl. 74—50.)



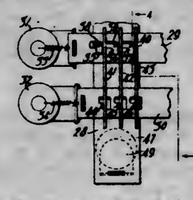
1. A device of the class described comprising a driving shaft and a pair of driven shafts, a pair of facing beveled gears loosely mounted on said driving shaft, a second pair of beveled gears meshing with said first facing gears for actuating said driven shafts, manually operated clutch members for separately disengaging said second gears, a sleeve on the driving shaft intermediate said first facing gears and rigidly secured to said driving shaft, a driving lever on said sleeve adapted to automatically alternately engage said first facing gears, and a securing device on one end of said sleeve for holding the same against vibrations, comprising spring members in said sleeve having rounded ends in contact with said lever on longitudinally opposite sides thereof, said lever having beveled edges in the portion adjacent said spring members to permit the passage of that portion of the lever between said spring members and a set screw for each spring member to regulate the tension therein.

1,578,684. FUSE PLUG. ALVA G. RICE, Danville, Iowa. Filed June 11, 1923. Serial No. 644,670. 8 Claims. (Cl. 200—115.5.)



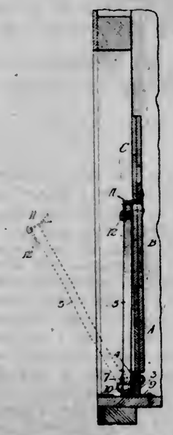
1. A fuse plug for headlights including a cylindrical member having an opening on one face, clamps disposed within said member and immediately opposite said opening, a fuse adapted to be disposed in said clamps, and electrical connections passing from the clamps through the extremities of the member.

1,578,685. ELECTRICAL SWITCHING DEVICE. CHARLES D. RICHARD, New Brighton, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 6, 1922. Serial No. 599,258. 9 Claims. (Cl. 179—27.5.)



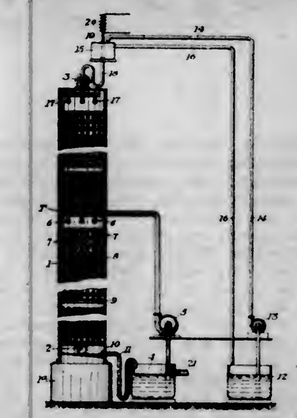
1. The combination in a switch device of two sets of contact elements, a pair of operating members each having apertures through which certain of said contacts normally extend, and means for moving said members, said members cooperating with each other to effect engagement between said sets of contacts.

1,578,686. GRAIN DOOR FOR FREIGHT CARS. JOSEPH A. SCHMITZ, Chicago, and ADYN E. SCHUYLER, Evanston, Ill. Filed Apr. 19, 1924. Serial No. 707,573. 15 Claims. (Cl. 20—30.)



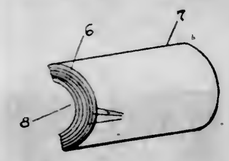
1. The combination of a lower destructible closure member for a car closure which includes horizontal door sections, said member including an intermediate splicing section and lapping end sections lightly secured to said intermediate section, and an exterior upwardly extending wrench bar secured to said splicing section, said wrench bar being detachably anchored to the car floor and detachably connected at its upper end with the car frame adjacent the side of the door opening.

1,578,687. PROCESS FOR THE REMOVAL OF NAPHTHALENE AND ANALOGOUS HYDROCARBONS FROM FUEL GASES. FREDERICK W. SPEAR, Jr., Pittsburgh, Pa., assignor to The Koppers Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Jan. 26, 1925. Serial No. 4,686. 19 Claims. (Cl. 183—114.6.)



1 The process of removing naphthalene from flowing fuel gas, which includes recirculating a solvent through the flowing gas, and subjecting the same gas to substantially uncontaminated solvent after it has passed through the re-circulating stage, substantially as described.

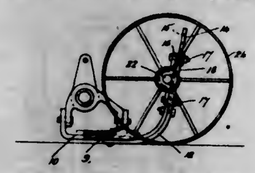
1,578,688. PLASTER-OF-PARIS BANDAGE. EDWIN A. SPIES, Pelham, N. Y. Filed Sept. 24, 1924. Serial No. 739,622. 5 Claims. (Cl. 128—91.)



1. A plaster of Paris bandage adapted to be formed into an efficient, comfortable, neat appearing and easily constructed anatomical support for various portions of the human body, comprising, in combination, a loosely woven non-selvage cotton cloth or gauze of 28/32 to 42/48 mesh sized with starch or glue and weighing 2 to 3 ounces per square yard, a uniformly distributed layer of dry plaster of Paris amounting to 6 to 7 ounces per square yard of cloth and the cloth and plaster being wound into a completed roll with a tension of 1 to 3 ounces per inch width of cloth with a core hole approximately 1" in diameter.

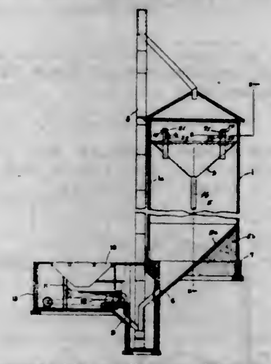
1,578,689. MOWING MACHINE. JOHN P. SPILGER, Reynolds, Ill. Filed May 18, 1925. Serial No. 31,008. 2 Claims. (Cl. 56—282.)

1. At attachment for a mowing machine provided with an inner shoe for running on the ground, and a cutter bar supported by the said shoe; said attachment comprising a bar having a curved portion between its ends, a straight upright forming one end portion of the bar, and means for securing its other end portion to the said inner shoe, an adjustable slide mounted on the said upright, a bracket provided with a loop-shaped bearing, a



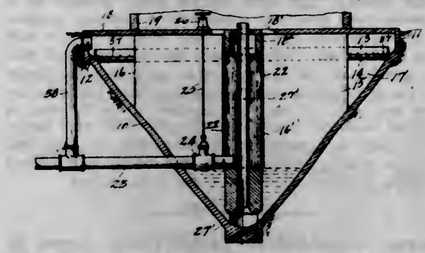
stub axle arranged in the loop-shaped bearing, means for securing the said bracket to the slide and clamping the stub axle between it and the slide, and a ground wheel mounted on one end portion of the stub axle and arranged in front of the cutter bar.

1,578,690. STORAGE BIN. EARL D. STEARNS, Cleveland, Ohio, assignor to The Stearns Conveyor Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 10, 1925. Serial No. 1,525. 14 Claims. (Cl. 214—16.)



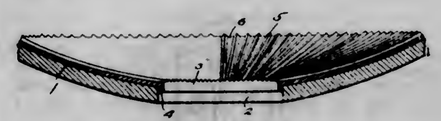
1. A storage bin or silo comprising an upright, cylindrical wall, a cross wall disposed within the lower part of the upright wall, and a conically shaped cross wall disposed within the upper part of the upright wall, the said cross walls cooperating with the said upright wall to form dead and live storage hoppers respectively, the said live storage hopper having overflow openings through which material may be discharged into the dead storage hopper.

1,578,691. SEWAGE AND WATER CLARIFYING TANK. HENRY L. THACKWELL, Dallas, Tex., assignor of one-half to Fred A. Jones, Dallas, Tex. Filed Apr. 16, 1925. Serial No. 23,442. 14 Claims. (Cl. 210—7.)



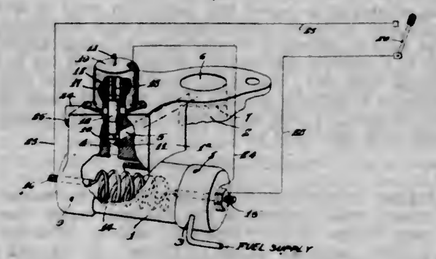
1. In a sewage and water clarifier, a tank having a sludge hopper at its bottom, means for directing the effluent radially toward the center of the tank, a filtering barrier at the center of the tank, and a clear water well within the barrier.

1,578,692. SANITARY NEST LINING. ORVILLE A. THRASHER, deceased, late of American Fork, Utah, by Mark H. Greene, administrator, Salt Lake City, Utah. Filed Aug. 5, 1925. Serial No. 48,358. 3 Claims. (Cl. 119—45.)



1. A dish-shaped nest lining having an opening therein with a flange surrounding it and extending outwardly, and a plurality of ribs radiating from said opening to form egg supports.

1,578,693. PRIMER FOR INTERNAL-COMBUSTION ENGINES. SERGIUS VERNET, Syracuse, N. Y., assignor to H. H. Franklin Manufacturing Company, Syracuse, N. Y., a Corporation of New York. Filed May 25, 1921. Serial No. 472,468. 1 Claim. (Cl. 123—180.)



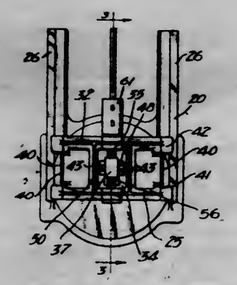
A primer for internal combustion engines comprising a heating chamber extending in a general horizontal direction and a heating element extending lengthwise of the horizontal chamber, said chamber having a fuel inlet and an air enlet at one end of the chamber near one end of the heating element and an air inlet and a gas outlet at the other end of the chamber and near the other end of the heating element and means for controlling the flow of the mixture out of the chamber.

1,578,694. METHOD OF SEPARATING METAL FROM METALLIFEROUS MATERIAL. LELAND E. WEMPLE, Cleveland, Ohio. Filed Nov. 16, 1923. Serial No. 675,028. 1 Claim. (Cl. 75—17.)



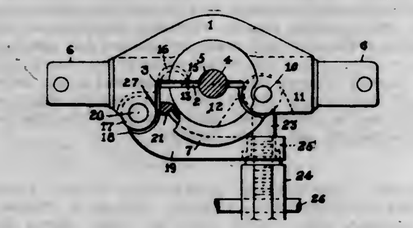
A process which comprises blasting into a heated furnace chamber, a mixture of metalliferous material containing a volatilizable metal, solid carbonaceous fuel and flux, the ingredients being in proportions sufficient to wholly reduce the metalliferous material, also maintaining heating means in said chamber, separate from the blast of said mixture of fuel, flux and metalliferous material and thereby maintaining in said chamber a temperature high enough to vaporize substantially all of said vaporizable metal, causing the vaporized and fumed material to travel through a tortuous passage, while hot and while maintaining oxidizing conditions therein during a part at least of said travel, and thereafter collecting the oxidized vaporizable metal, substantially free from slag.

1,578,695. GATE VALVE. EDWARD D. WESTRIP, Pomona, Calif., assignor to The Pomona Manufacturing Company, a Corporation of California. Filed Jan. 16, 1923. Serial No. 613,040. 5 Claims. (Cl. 251—56.)



1. In a gate valve of the class described, the combination of: a valve seat; a carrier comprising an H-casting adapted to be moved into position in front of said valve seat; a closure element supported upon said carrier and movable thereupon between pairs of guides extending in a direction substantially perpendicular to the face of said valve seat; and means, comprising a lever actuatable by a vertically movable block, for sliding said closure element, on said perpendicular guide, into engagement with said valve seat.

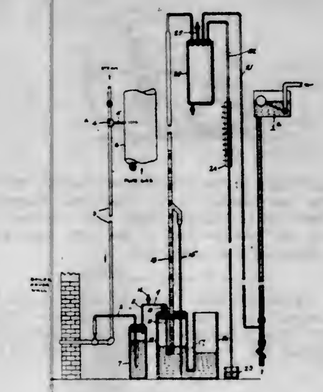
1,578,696. POLISH-ROD CLAMP. CLYDE S. WRIGHT, Toledo, Ohio, assignor to The National Supply Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 7, 1925. Serial No. 61,150. 2 Claims. (Cl. 24—249.)



1. A body member having a rod-engaging surface, a body gate member hinged at one end to the body member at one side of said surface, a clamping gate hinged at one end to the body member at the opposite side of the said surface and having a portion close to its pivot to engage the free end of the body gate member and force the latter toward the body member and into gripping contact with a rod engaging the said surface, and power means carried by one of the said members and applicable to the free end of the clamping gate member to increase the pressure of the said portion against the body gate.

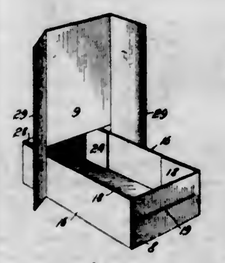
1,578,697. AUTOMATIC GAS ANALYZER AND CONTROL. LAWRENCE YOUNG and GILBERT W. RUGGLES, Youngstown, Ohio. Filed June 15, 1922. Serial No. 568,563. 18 Claims. (Cl. 23—255.)

1. In an apparatus for analyzing gaseous mixtures, the combination of a vessel containing a liquid capable of absorbing a constituent of such mixture, said vessel including two parts connected below the level of such liquid, one part sealed and the other open to the atmosphere, an absorption tube rising from below the liquid level in such sealed part, a branch tube extending from the side of said absorption tube back to said sealed



vessel part, a gas supply duct discharging into the lower end of said absorption tube, and means for placing the latter under suction.

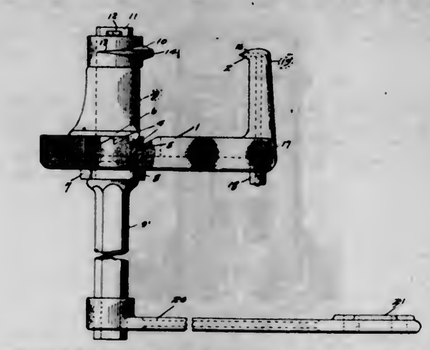
1,578,698. MERCHANDISE-DISPLAY BOX. WALTER ZAREKO, New York, N. Y. Filed June 24, 1924. Serial No. 722,001. 4 Claims. (Cl. 206—44.)



1. A merchandise display box of the character described comprising a body portion having a bottom, sides and ends, and a cover portion hinged at its rear end to the rear end of said body portion and comprising a main section adapted to cover said body portion and side wings at the side edges of said main section and carried thereby, said main section being divided by a transverse fold line into a major front display portion and a rear section and said wings being joined to said major portion and free of said rear section, and said rear section of the cover portion extending forwardly over the body portion and positioning said fold line between the ends of the body portion when the box is used and when not used for display, whereby said major portion may be turned vertically upwards on said fold line into display position with the wings and extend above the body portion between the ends thereof.

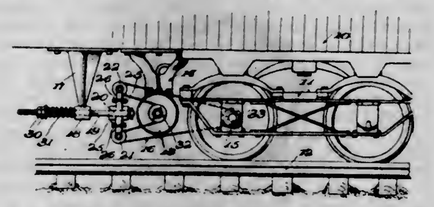
1,578,699. LEAF-SPRING LUBRICATOR. RALPH W. AMMONS, Los Angeles, Calif. Filed Nov. 19, 1924. Serial No. 750,910. 3 Claims. (Cl. 81—3.7.)

1. A leaf spring spreader comprising a bracket, a wedge jaw projecting from one side of the bracket, a shaft extending entirely through the bracket and revolvably supported thereon while projecting from both sides thereof, a spreader disk eccentrically secured to the shaft on the jaw side of the bracket adapted to cooperate with



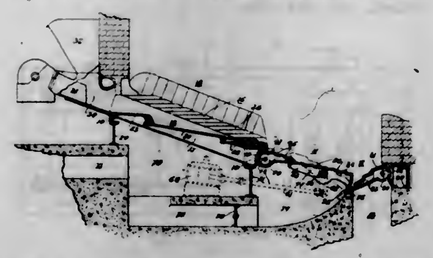
the jaw for spreading a leaf spring, the extension of the shaft on the other side of the bracket being accessible for revolving the spreader disk.

1,578,700. BELT TENSIONING AND ADJUSTING APPARATUS. ALFRED FITZ ROY ANDERSON, New York, N. Y. Filed July 27, 1925. Serial No. 46,218. 8 Claims. (Cl. 105—103.)



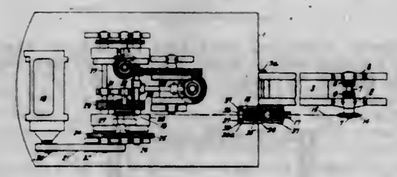
1. In combination, a railway car having a supporting truck, a pair of belt tensioning pulleys carried by the car and located at the rear of an axle of said truck, a drive belt trained about the axle and each of the tensioning pulleys, and a driven pulley located between the tensioning pulley and axle, and the portion of the belt occurring between the tensioning pulleys trained about said driven pulley.

1,578,701. AGITATOR GRATE FOR UNDERFEED STOKERS. OTTO ABAM, Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed June 4, 1923. Serial No. 643,368. 3 Claims. (Cl. 110—44.)



1. In a stoker, the combination with an underfeed grate, of an inclined overfeed grate receiving fuel therefrom and comprising two oscillating grate sections, the forward grate section being pivoted at its forward end and the rear grate section being pivoted at a central portion, said grate sections being so associated that the oscillation of the rear grate section also effects an oscillation of the forward grate section, and means for oscillating the rear grate section.

1,578,702. POWER SHOVEL. EDWIN J. ARMSTRONG, Erie, Pa., assignor to Erie Steam Shovel Company, Erie, Pa., a Corporation of Pennsylvania. Filed Apr. 5, 1924. Serial No. 704,415. 7 Claims. (Cl. 214—135.)



1. In an excavating machine, the combination of a platform; a boom pivotally mounted on the platform; a shaft mounted on the boom; an excavating device actuated by the shaft; a driven sprocket fixed on the shaft; a motor on the platform; a driving sprocket driven by the motor; a chain connecting the driving and driven sprockets; and guide sheaves for each reach of the chain adjacent to the pivot of the boom, said sheaves being positioned relatively to the pivoted boom to retain an approximately constant tension on the chain as the boom is swung.

1,578,703. ARTIFICIAL-FLOWER ORNAMENT. SIMON ARONSON, Brookline, Mass. Filed Aug. 14, 1925. Serial No. 50,333. 5 Claims. (Cl. 41—12.)

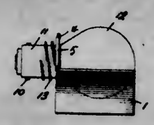


8. An ornament of the class described comprising a plurality of artificial flowers each having a wire stem, a narrow strip of long-haired fur bent back on itself thereby to cause the hair to assume a fan shape and to form an eye in the loop of the bent strip, a reinforcing strip to which the bent fur is secured, said fur being situated immediately behind the flowers, and the wire stem of one of the flowers being passed through the hair over the end of the reinforcing strip and then forwardly through the latter and said eye, thereby locking the fur to the flowers.

1,578,704. HEADLIGHT LAMP. WILLIAM M. ASH, Jr., Alton, Ill. Filed May 4, 1925. Serial No. 27,934. 2 Claims. (Cl. 240—48.6.)

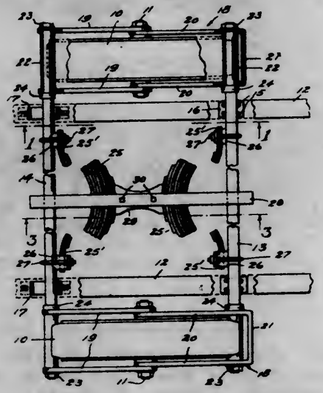
1. A shield for the purpose set forth constructed from a single sheet metal which is centrally bent upon itself

to provide right-angular sides, said member being slit from one of its ends in line with the juncture of the



sides and the metal in the terminal of the slit being bent in opposite directions on the respective sides to provide a two-ply back for the shield.

1,578,705. RUNNING GEAR FOR VEHICLES. SAMUEL G. BARNARD, Seattle, Wash. Filed Jan. 16, 1924. Serial No. 686,536. 3 Claims. (Cl. 180—106.5.)



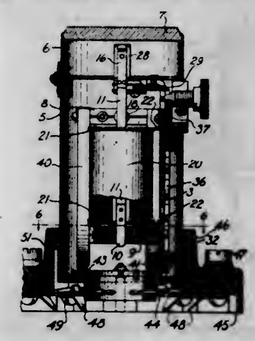
1. In a vehicle, the combination with the vehicle wheels, the axle spindles therefor, and the frame members, of transversely arranged bars connected for relative longitudinal movements to said frame members, hanger members connecting both of said bars with the spindles of said wheels for movement concentric to the axis of the latter, and springs located between said bars acting through the medium of the latter for yieldingly holding the lower ends of the hangers of one bar in spaced apart relations with respect to the hangers of the other bar.

1,578,706. ENAMELING METAL. WESLEY J. BECK and JAMES A. AUPPERLE, Middletown, Ohio, assignors to The American Rolling Mill Company, Middletown, Ohio, a Corporation of Ohio. Filed Nov. 16, 1923. Serial No. 675,207. 3 Claims. (Cl. 148—31.)

1. An article used for receiving a coating of enamel in the presence of heat, formed of open hearth or similar ingot iron refined to a stage where the manganese content is below .04% and degasification has taken place to the extent of leaving a substantially sound metal, and not to the extent of eliminating all of the oxide content, the said iron exhibiting under the microscope numerous well distributed spots of oxide in the surface and through the body thereof.

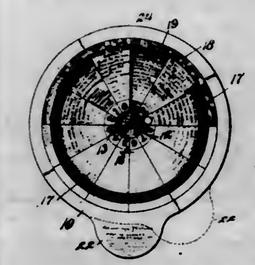
1,578,707. ELECTROMAGNETIC DEVICE. WILLIAM O. BECK, Ridgefield, N. J., assignor to Western Electrict Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 20, 1922. Serial No. 602,072. 8 Claims. (Cl. 200—93.)

4. In an electromagnetic device, an operating coil, an armature surrounded by said coil and acted upon by flux produced by the passage of a current through said coil, a pair of stationary contacts engaged by said armature, contact carrying members, a support for said contact carrying members having a plurality of flexible



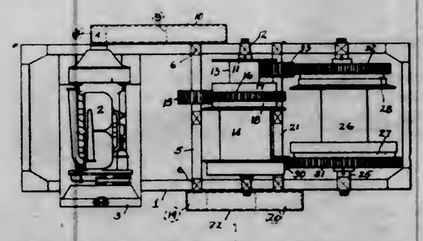
branches, and means for causing the lateral movement of said branches and accordingly the movement of said contact carrying members.

1,578,708. GAME DEVICE. GENE G. BECKHARDT, Newark, N. J. Filed Oct. 3, 1923. Serial No. 666,226. 2 Claims. (Cl. 273—141.)



1. An amusement device comprising a pair of discs pivoted at the centre, the top disc having an opening to uncover parts of the bottom disc, tabs on the edges of the discs which tabs when in register form a handle to enable the device to be used as a fan and when separated being usable as handles for the relative rotation of the discs.

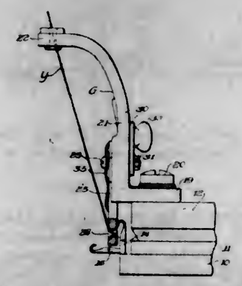
1,578,709. ENGINE FOR LOG YARDING, SKIDDING, ETC. OSCAR B. BJORGE, Portland, Oreg., assignor to Clyde Iron Works, Duluth, Minn., a Corporation of Maine. Filed Aug. 12, 1925. Serial No. 49,747. 5 Claims. (Cl. 254—185.)



1. In a yarding engine, the combination of a base, a motor unit and driving shaft mounted at one end thereof, a pair of spaced driven shafts mounted on said base, driving chain connections between said driving

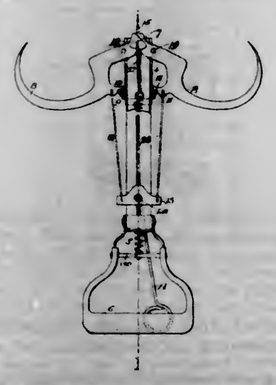
shaft and said driven shafts whereby the latter are rotated in the same direction at different speeds, a second pair of spaced shafts mounted on said base, winding drums on said last-named pair of shafts, and gears on said driven shafts and said drum shafts whereby both of said drum shafts are driven in the same direction.

1,578,710. YARN GUIDE. ARTHUR E. BYRD, Milwaukee, Wis., assignor to Phoenix Hosiery Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed July 24, 1925. Serial No. 45,747. 4 Claims. (Cl. 66—141.)



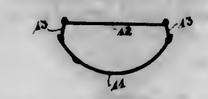
1. In a circular knitting machine, the combination of the needle cylinder and vertically reciprocating needles thereon, a bracket supported above said cylinder and having a yarn guide arm, a supporting plate vertically adjustable on the rear side of said arm, a yarn guide plate reciprocable vertically along the front of said arm and secured to said supporting plate to be adjustable therewith, the lower end of said guide plate being in front of the reciprocating needles and having a yarn guide opening therethrough through which yarn may pass to be received by the needles, and a spring anchored at its upper end to said guide plate and pressing at its lower end against said guide plate to hold it yieldably toward said needles whereby the engagement between said guide plates and needles will be yielding.

1,578,711. COMBINATION FISHING GAFF. ADELBERT E. CHURCHILL, Victoria, British Columbia, Canada. Filed Mar. 11, 1922. Serial No. 543,031. 5 Claims. (Cl. 43—5.)



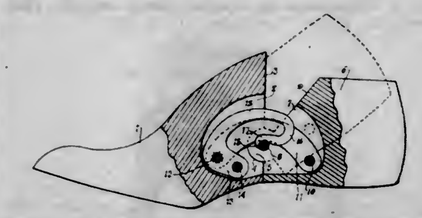
1. In a fishing device of the type described, the combination of a metal sleeve enclosing a helical spring attached to the heels of two hooks which are each pivoted to the said tube, a tripping ring exterior to and sliding along said tube with recesses engaging projections on the outside of said hooks, and means for releasing the said tripping ring from said hook projections.

1,578,712. SECURITY DEVICE FOR CLOTHING. WILLIAM R. CLARK, San Diego, Calif. Filed Jan. 13, 1925, Serial No. 2,127. Renewed Jan. 30, 1926. 2 Claims. (Cl. 2—252.)



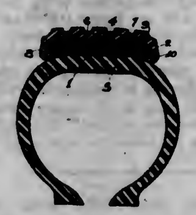
1. In a safety device of the class described, a main spring member of a length to fit into the opening of a pocket, a second spring member of slightly shorter length, link-members engaged between the ends of the two-spring members, and other spring members disposed between the first- and second-named spring-members in operative connection with the link-members to form a yielding tension between the said members whereby the first- and second-named members are normally pressed towards each other.

1,578,713. LAST. GEORGE CLAUSING, Portsmouth, Ohio, assignor to The Vulcan Last Company, Portsmouth, Ohio, a Corporation of Ohio. Filed Apr. 27, 1925. Serial No. 26,034. 13 Claims. (Cl. 12—136.)



1. In a last, a toe part and a heel part adapted to move one on the other, a link joining said parts, a spring lever pivoted on one side of said parts and engaging the other of said parts, one end of said link being pivoted on said spring lever and the other pivoted on another last part than that associated with its point of pivotal connection with the spring lever, and an abutment pin carried by one of said last parts against which the end of the spring lever engages.

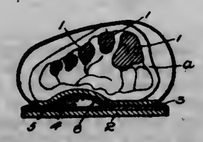
1,578,714. TIRE PROTECTOR. CHARLES M. CLEMENT, San Rafael, Calif. Filed Apr. 13, 1925. Serial No. 22,601. 2 Claims. (Cl. 152—17.)



1. A tire protector comprising in combination, a metal band adapted to encircle a tire having its edges turned under, a pair of wire rings fitting inside the turned under edges of the metal band, a pair of encircling layers of

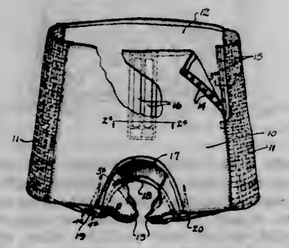
fabric located on the outside and inside surface of the metal band between the turned under edges thereof, a wire lacing extending over the layers of fabric and across the metal band, a cloth wrapping extending transversely over the metal band, wire lacing and layers of fabric, and a resilient substance attached to the outer surface of the cloth.

1,578,715. ARCH-SUPPORTING MEMBER. WILLIAM H. COOKE, Dorchester, Mass. Filed Jan. 31, 1920. Serial No. 355,352. 13 Claims. (Cl. 36—71.)



6. A shoe having an upper and an insole, and beneath the latter a laterally yieldable filler, and an arch supporting member thereon constructed and arranged to position itself laterally beneath the metatarsal arch to support the same.

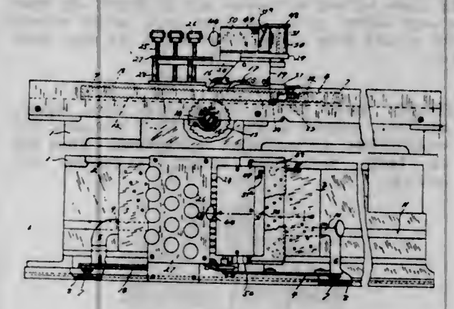
1,578,716. CORSET. KATHERINE E. CUNNINGHAM, Chicago, Ill., assignor to The H. W. Gossard Co., Chicago, Ill., a Corporation of Illinois. Filed July 23, 1925. Serial No. 45,534. 3 Claims. (Cl. 2—29.)



3. A girdle like corset shaped to closely fit the lower body below the waist to and around the upper thighs below the crotch comprising front and rear inelastic portions and longitudinal side elastic sections extending substantially the full length of the corset to effect the desired fit when stretched, the front and rear portions of the corset extending respectively across the abdomen and across the buttocks, each portion being cut away at and below the crotch, and an inner leg band on each side adjacent the crotch connecting the front and rear cut away portions, said bands having relatively wide attaching ends and narrow intermediate portions fitting the body contour whereby in conjunction with said elastic sections to laterally pull in the lower outer portions of the corset and cause the garment to completely fit from top to bottom and to normally remain in position.

1,578,717. ERROR INDICATOR FOR TABULATION CARDS. DEWEY C. DAUDMEYER, Detroit, Mich. Filed Sept. 25, 1922. Serial No. 590,473. 14 Claims. (Cl. 73—51.)

1. In an error indicator, the combination with means for rectilinearly advancing a perforated sheet, and control devices adapted to yieldably bear upon said sheet and proportioned to enter the perforations of the sheet,

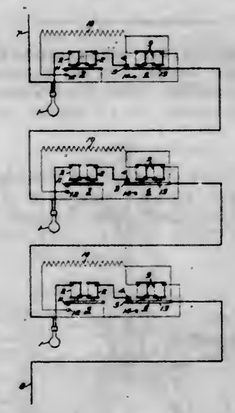


and a signal device responsive to said control devices only through simultaneous energization of a plurality thereof.

1,578,718. METHOD OF PRODUCING ALKALI-METAL SULPHIDES. GASTON DE BÉTHUNE and ROBERT VAN-RENKAMPF, Brussels, Belgium, assignors to Société Nationale d'Industrie Chimique en Belgique, Société Anonyme, Brussels, Belgium. Filed Jan. 16, 1924. Serial No. 686,669. 5 Claims. (Cl. 23—134.)

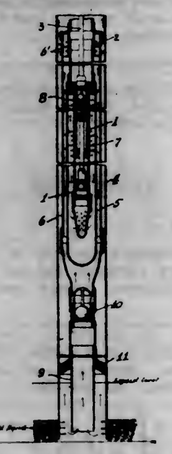
1. The process of obtaining sulphides of alkali metals which comprises creating a reducing atmosphere of hydrogen sulphide from an external source and effecting in said atmosphere a double decomposition of compounds of the alkali metals derived from mineral acids and sulphide of barium to produce a sulphydrate.

1,578,719. LIGHTING SYSTEM. ARTHUR R. DENNINGTON, East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 24, 1920. Serial No. 412,423. 3 Claims. (Cl. 176—10.)



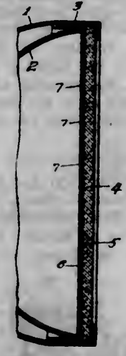
1. In a series lighting system, the combination with a lamp, a compensating resistor therefor, and an electromagnetic switch comprising a coil in series with the lamp and contact members for controlling the resistor circuit connections, of an electromagnetic relay comprising a coil responsive to the drop in potential across the lamp and contact members for controlling the circuit of the first named switch coil.

1,578,720. OIL-WELL PUMP. EARLE DERBY, San Francisco, Calif. Filed Sept. 8, 1925. Serial No. 54,888. 4 Claims. (Cl. 103—179.)



1. An oil-well pump comprising an entrance tube extending below the oil level in the well; a packer in the well above said oil level closing the well around the entrance tube; a check valve in said entrance tube; a pipe communicating at its lower end with the upper end of the entrance tube, said pipe communicating above with the well; a second pipe within and spaced from the first named pipe, said inner pipe having a closed lower end and communicating above with the outer pipe; and a pumping instrumentality within the inner pipe.

1,578,721. ANTIGLARE DEVICE FOR HEADLIGHTS. LAMBERT DIESEL, Chicago, Ill. Filed Sept. 12, 1925. Serial No. 55,900. 2 Claims. (Cl. 240—48.4.)



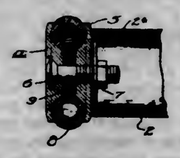
1. An anti-glare device for headlights, comprising two relatively thin flat discs of translucent material, said discs being placed one against the other and being substantially equal in size so as to be coextensive, one of said discs being imperforate, and the other disc having a plurality of holes distributed over the same and covered by the other disc.

1,578,722. INDICATING INSTRUMENT. THEODORE B. DRESCHER, Rochester, N. Y. Filed Jan. 20, 1923. Serial No. 613,901. 7 Claims. (Cl. 73—52.)

7. In a device of the class described, the combination of a frame for a temperature responsive element including a base having oppositely extending arms with their free ends provided with offset portions terminating in juxtaposition and each of the arms being provided with an inwardly extending rib, a pair of crystals substantially in the form of hemispheres having their bases disposed on the opposite sides of said ribs, and in engagement with the inner faces of said arms, and means for connecting the offset portions of the arms to clamp them upon the crystals.

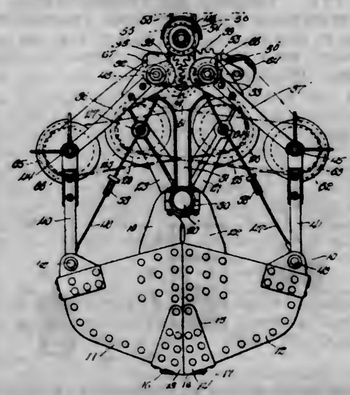


1,578,723. PNEUMATIC AND CUSHION HEAD. MEL FELLOWS, Chicago, Ill. Filed Nov. 22, 1921. Serial No. 517,088. 4 Claims. (Cl. 243—39.)



1. In a pneumatic tube system, a carrier having circular members and detachable spacing members therebetween, and an elastic washer between said members.

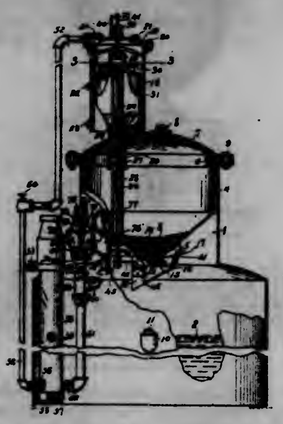
1,578,724. GRAB BUCKET. WILKS B. GREGG, Chicago, Ill. Filed May 23, 1924. Serial No. 715,346. 14 Claims. (Cl. 37—185.)



1. In a grab bucket, the combination of hinged jaws, flexible holding means engaging with the outer portions of the jaws, oppositely arranged arms coacting with the jaws, a supporting frame in which the jaws are pivotally

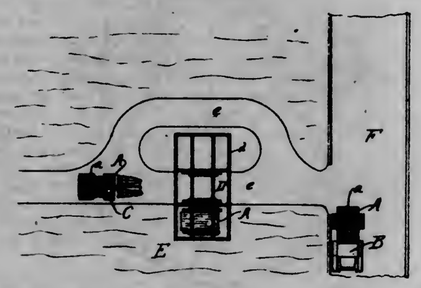
mounted, sheaves mounted on said frame and on said arms and a lifting cable roved around said pulley and having one end secured to said frame, said cable tending to swing the arms toward each other when the bucket is to be closed.

1,578,725. ACETYLENE GENERATOR. ISAAC M. HACKNEY, Wichita, Kans. Filed Aug. 6, 1920. Serial No. 401,707. 11 Claims. (Cl. 48—52.)



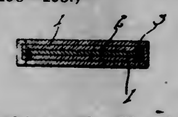
1. In an acetylene generator, a gas container having an outlet for gas, a gas generating chamber arranged to contain water, means for feeding carbide into the water, two gas conducting means connected with the generating chamber and discharging into said gas container, means for reducing the flow in one of said conducting means when the pressure in the generating chamber is below a pre-determined amount and which permits the flow when the pressure reaches said amount, the other conducting means being adapted to contain a sealing liquid, a gas bell in said liquid sealing means arranged to receive gas and to be lifted thereby and to discharge the gas so received through said sealing liquid, and means actuated by movement of said gas bell for actuating the carbide feeding means.

1,578,726. METHOD OF TRANSFERRING AND TRANSPORTING ARTICLES AND COMMODITIES. ERNEST C. HAMILTON and WILLIAM C. POE, Los Alamitos, Calif. Filed Nov. 10, 1923. Serial No. 673,932. 3 Claims. (Cl. 214—152.)



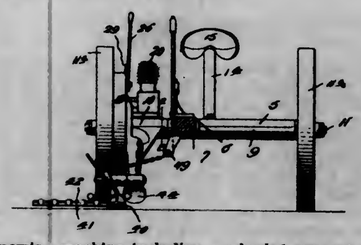
1. A continuous method of transporting products from the growing field to destination which consists first in placing the product in a bulk container on a low speed road vehicle operating in the field, moving said vehicle to a transfer apparatus located at a point adjacent a highway, then operating said apparatus to bodily transfer the loaded bulk container from the low-speed vehicle to the relatively high-speed vehicle and during the said transfer operation to place an empty container on the low-speed vehicle, and subsequently operating the relatively high-speed vehicle with its loaded bulk container to the point of destination.

1,578,727. BELT. ZELL FULTON HARSHTON, Chicago, Ill. Filed Nov. 16, 1922. Serial No. 601,800. 3 Claims. (Cl. 198—193.)



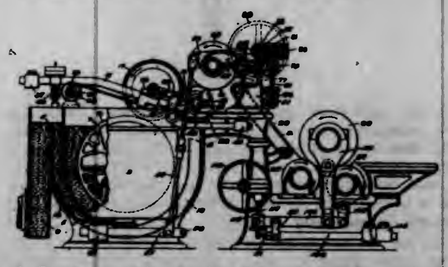
2. A belt comprising a plurality of plies constituting the core of a belt, an insulating ply disposed in said plies so as to be protected thereby, and a cover disposed around said core.

1,578,728. MOWING MACHINE. MARK HASTINGS, Ridgefield, Conn. Filed Jan. 11, 1924. Serial No. 685,681. 1 Claim. (Cl. 56—25.)



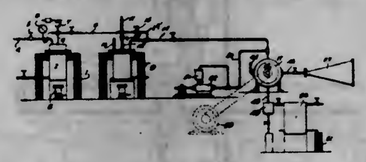
A mowing machine including a wheeled supported axle, a housing rotatably mounted upon the axle and provided with a casing section, a platform mounted upon the casing section, an engine supported on said platform, a belt wheel journaled upon the housing and disposed within the casing section, a second belt wheel operatively connected with the engine, said casing section provided with an opening, a belt trained over the wheels and extending through the opening, an extension of tubular formation provided on the housing, a cutting apparatus pivotally attached to the housing extension, a shaft in the extension connected with the cutting apparatus, and gearing operatively connecting the shaft with the first wheel.

1,578,729. METHOD OF AND APPARATUS FOR MAKING PAPER. ANTON J. HAUG, Nashua, N. H., assignor to Improved Paper Machinery Company, Nashua, N. H., a Corporation of Maine. Filed Mar. 22, 1924. Serial No. 701,118. 29 Claims. Cl. 92—43.)



1. In an apparatus for handling a moist fibre web, the combination with a train of rotary members adapted to convey the web in succession from one to another, the same comprising a cylinder mold, a couch roll, a perforated expressing roll pressed against the couch roll and a press roll pressed against the perforated expressing roll, of provision permitting relative separation of said rotary members at the three points of engagement each without affecting the relation between the remaining members.

1,578,730. APPARATUS FOR TESTING OILS. ALFRED HENRIKSEN, NICHOLAS A. STEPHENS, and VALENTINE ZBYSHEVSKI, Ponca City, Okla. Filed Feb. 26, 1924. Serial No. 695,341. 6 Claims. (Cl. 265—11.)

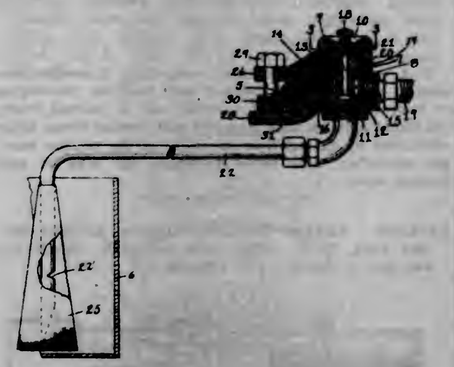


1. In an apparatus for testing the lubricating qualities of oil for steam engines, a testing cylinder, a driven member arranged in said cylinder, and adapted to be driven at a predetermined speed, means for delivering steam to said cylinder, and means for delivering predetermined quantities of oil thereto.

1,578,731. PROCESS OF PRODUCING DIALKYL SELENIDES AND TELLURIDES. CARROLL ALONSO HOCHWALT, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Oct. 3, 1923. Serial No. 666,260. 6 Claims. (Cl. 260—11.)

1. The process of producing a dialkyl compound of a metal of the selenium type which comprises forming an alkali metal alloy with the said metal, and bringing the alloy into contact with a dialkyl sulphate.

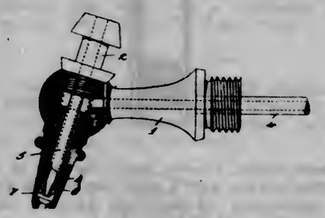
1,578,732. SPRAYING MACHINE. E MILTON HORTON, Albion, Mich., assignor, by mesne assignments, to Union Steel Products Company, Albion, Mich., a Corporation of Michigan. Filed Aug. 7, 1924. Serial No. 730,762. 3 Claims. (Cl. 299—86.)



1. In a spray nozzle, the combination of an outer member having a cylindrical chamber therein terminating at one end in a conically tapered throat opening to a countersunk tip, an inner member threaded into the bottom of said chamber and having a longitudinally grooved cylindrical portion fitting within said chamber, and a conical portion projecting through said throat and spaced from the wall thereof and terminating in a flaring tip spaced from the countersunk tip of said outer member, said inner member having a reduced portion between its cylindrical and threaded portions, said reduced portion and longitudinal grooves coacting with the walls of the chamber providing discharge passages, said chamber having an air connection opening to said passages, said inner member having a longitudinal liquid passage with discharge orifices aligned with said grooves.

3. In an apparatus of the class described, the combination of an air supply pipe, a plurality of spray nozzles having clamp members at one side thereof, a supporting rod with which said clamp members are engaged, whereby the nozzles may be adjusted thereon, flexible conduits connecting said nozzles with said air pipe, a liquid supply tank, and liquid conduits for said spray nozzles depending into said tank.

1,578,733. ATOMIZER OR SPRAY NOZZLE. STEFAN HADINA, Prachen-Selty, Czechoslovakia. Filed Dec. 16, 1925. Serial No. 75,809. 3 Claims. (Cl. 299—140.)



1. An atomiser or spraying nozzle, comprising a nozzle tube, and a concentric pressure jet tube in the bore thereof; the jet tube having its outlet end deformed to constrict the same and to produce integral centering members which are slidably engaged with the wall of the bore of the nozzle tube.

1,578,734. PIPE JOINT. ROBERT CLAPPERTON HUMB, Coburg, Victoria, Australia. Filed Sept. 21, 1925. Serial No. 57,721. 4 Claims. (Cl. 285—114.)



1. A pipe joint for concrete lined metal pipes comprising a collar surrounding the ends of two concrete lined pipes and forming an annular space therebetween and the exterior surfaces of the pipes, each pipe having a recess in the concrete lining at the end thereof; a plastic sealing material packed into the annular space around the ends of the pipes and adapted to fill the recesses in the concrete linings; and an unyielding filling material packed within the outer portions of the annular space between the plastic material and the ends of the collar.

1,578,735. RADIOWAVE RECEIVING DEVICE. HERBERT F. HUNTER and LELAND S. HANNOLD, Swedesboro, N. J. Filed May 8, 1924. Serial No. 711,842. 7 Claims. (Cl. 250—16.)

1. A device of the class described, comprising a casing, a plurality of inductance coils mounted in axial relation therein, a variable condenser mounted in one end of the casing, in line with said coils and electrically connected in parallel with the adjacent coil, binding posts on the casing, a pair of connections extending from opposite terminals of the condenser and connected coil to a pair

of binding posts, and a circuit connection between the first mentioned coil, and the coil at the opposite end, and a metallic sleeve mounted on the coil at the opposite



end of said casing, whereby said coils may be arranged in inductive relation with a radio receiving set for having circuit connections wherewith to increase the signal receiving qualities of said set.

1,578,736. BLANKET FOR PRINTING PRESSES, PROCESS FOR FORMING THE SAME, AND PROCESS OF PRINTING EMPLOYING SAME. ROBERT JOHN, New York, N. Y. Filed Jan. 26, 1925. Serial No. 4,646. 49 Claims. (Cl. 101—426.)



1. A printer's blanket comprising a substantially unstretched compressible face, and a substantially unperforated non-stretchable back.

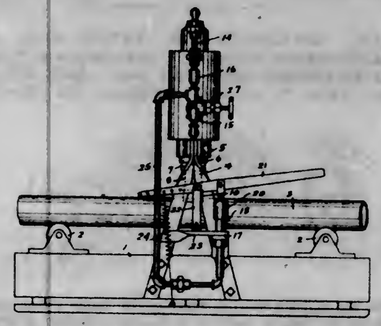
13. A printer's blanket comprising a nitro-cellulose back, and a rubber face.

21. The combination with a rotary cylinder of a metallic base so secured thereto as to permit movement in the direction of travel of the said cylinder, and a ruber face secured to said base.

28. The process of printing comprising supporting a rubber faced blanket on a suitable member, bringing said blanket into contact with an inked surface, and permitting said blanket to move relative to said member during the printing operation.

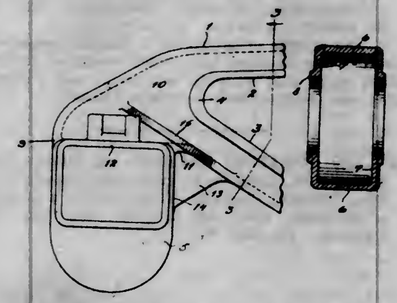
1,578,737. BENDING AND STRAIGHTENING MACHINE. CHARLES J. JOHNSON, Wichita Falls, Tex. Filed July 15, 1924. Serial No. 726,094. 8 Claims. (Cl. 153—48.)

1. In a machine of the character described, the combination with a base and a pair of adjustable pipe supports spaced apart thereon, of a cylinder associated with the support, a plunger therein, a plunger rod connected at one end to the plunger and whose other end is formed into a pipe-engaging head, a coil spring surrounding said plunger for normally elevating same, a fluid chamber, a valve-controlled pressure line leading from said chamber and entering the cylinder on one side of said piston, a pump connected into said line through which fluid may be forced from said chamber into said cylinder,



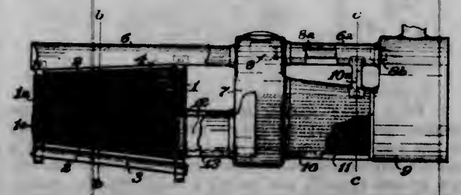
whereby said head is forced against the pipe on said supports, means for operating said pump, and a valve-controlled relief line connecting said cylinder with said chamber.

1,578,738. SIDE FRAME. BYRON W. KADEL, Baltimore, Md., assignor to The Symington Company, New York, N. Y., a Corporation of Maryland. Filed May 5, 1925. Serial No. 28,071. 10 Claims. (Cl. 105—205.)



1. A car truck side frame comprising a compression member and a tension member, said members converging at their ends and united together and to journal boxes, the joints between said members and journal boxes being reinforced by flanges from the sides of the tension member extending from below to above the tops of said journal boxes.

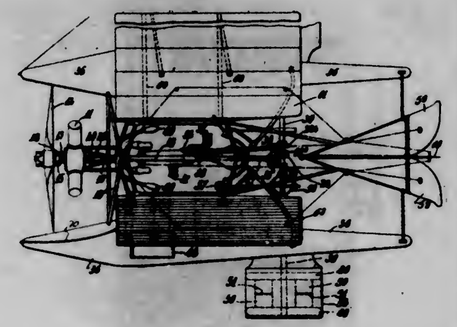
1,578,739. STEAM BOILER. JULIUS KINDERVATER, New York, N. Y. Filed June 14, 1923. Serial No. 645,294. 3 Claims. (Cl. 122—94.)



1. In a steam boiler of the locomotive type, the combination of a front and a back firebox header or water leg; a plurality of inclined water tubes, connecting said headers, and constituting the side walls of the firebox;

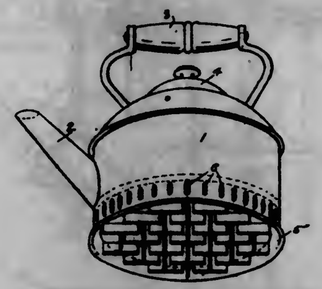
a plurality of reversely inclined water tubes, interposed between the side wall tubes and connecting said headers; arch tubes leading from the front header into members of the intermediate set of water tubes; a steam drum, communicating with the headers, above the water tubes; and a combustion chamber, communicating with the firebox.

1,578,740. MOTOR-CYCLE HYDROPLANE. JOSEF KUBELIC, New York, N. Y. Filed Mar. 12, 1925. Serial No. 14,867. 4 Claims. (Cl. 244—14.)



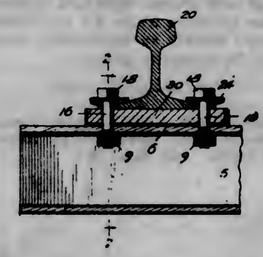
1. In a motorcycle an engine, an engine shaft, a plurality of drive wheels, a detachable means for transmitting motion from the engine to said wheels and a detachable foot pedal drive for said wheels, said transmitting means containing a pair of gears slidably mounted on said shaft, a shift gear to be moved into and out of mesh with said shaft gears and a means for controlling the position of said shift gear for connecting the engine shaft to said drive wheels when said foot pedal drive is disconnected therefrom and vice versa.

1,578,741. VESSEL FOR HEATING LIQUIDS. SYDNEY WALTER LACK and ARTHUR JAMES SHEPHERD, Woollahra, near Sydney, New South Wales, Australia. Filed Oct. 3, 1924. Serial No. 741,477. 3 Claims. (Cl. 53—9.)



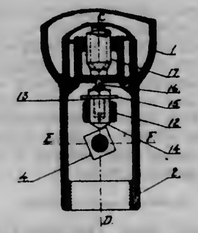
1. A vessel wherein liquid is to be heated, having on the exterior face of the bottom thereof, a plurality of metal heat conduction vanes arranged in two intersecting series of parallel rows, each row of one series being intersected between its vanes by the adjacent vanes of alternate rows of the other series; passages being formed between adjacent vanes.

1,578,742. RAIL TIE. AUGUSTUS A. LOOMIS, Mundelein, Ill. Filed Jan. 8, 1926. Serial No. 80,052. 5 Claims. (Cl. 238—285.)



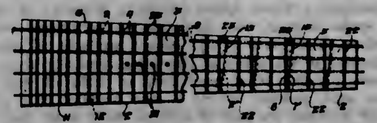
1. The combination of a hollow metallic tie, of a chair positioned on the hollow metallic tie and having upwardly directed side walls, and a cushioning element mounted on said chair between said side walls.

1,578,743. ACTUATING DEVICE FOR FLUID CONTROLLERS. ELOF KARL HJALMAR LUNDBERG, Stockholm, Sweden. Filed Mar. 18, 1924. Serial No. 700,148. 4 Claims. (Cl. 137—139.)



1. In a starting device for valves or the like adapted to deliver predetermined quantities of liquid the combination with a rotatable starting effecting member, provided with projections for the shifting of the valve, of a holding member connected with the said starting member and corresponding in shape thereto, and yieldable means acting upon the said holding member, the position of the holding member with relation to the starting member being such, that, after the starting member has been rotated through such a distance that is about to open the valve, the holding member causes the starting member to automatically move through such a further distance, that it opens the valve and permits the same to be closed.

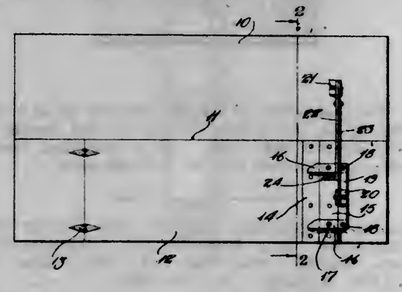
1,578,744. FINGER BOARD OF VIOLINS AND LIKE STRINGED INSTRUMENTS. CHARLES EVELYN CREASY JENSEN MANBY, Hawksburn, Melbourne, Victoria, Australia. Filed Aug. 10, 1925. Serial No. 49,406. 8 Claims. (Cl. 84—314.)



6. A finger-board for violins and like stringed instruments having in combination transverse guide grooves formed in its upper face, the edges of said grooves tapering inwardly or converging from the thicker or bass string side towards the opposite side of the finger-board, and liners of substantially L shape in cross section accom-

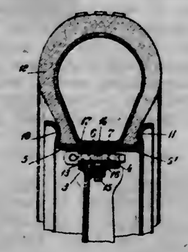
modated in said grooves so that an upstanding lip of each liner extends along the upper edge of the respective transverse groove, and a base portion of the liner engages the bottom of said groove; said base portion being provided with an extension which fits into a slot formed in the finger-board beneath an overhanging shoulder at the lower side of the respective groove.

1,578,745. END-GATE LATCH. ABE BARRETT MELLIN, Turtle Lake, N. Dak. Filed Nov. 17, 1925. Serial No. 69,671. 1 Claim. (Cl. 296—50.)



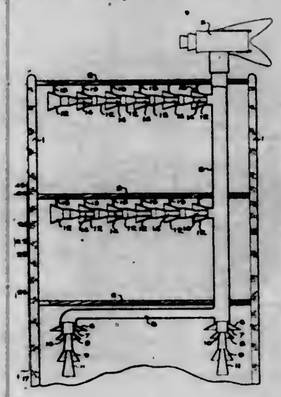
A latch device for the end gate of a vehicle having an end gate opening and provided with an end gate hinged at one side of said opening, said latch device comprising a plurality of pivoted members overlapping the edge of the gate, a link connecting said members, an angle bracket pivoted to said link, a second angle bracket pivoted to the body above said link, an operating lever pivoted to said second angle bracket at right angles to the pivot thereof, and a second link pivoted to the first angle bracket and the operating lever.

1,578,746. WHEEL FOR AUTOMOBILES AND THE LIKE. JACOB WILLEM MIJNSSEN and KARL KÜNZI, Schaffhausen, Switzerland, assignors to Aktiengesellschaft der Eisen- und Stahlwerke vorm. Georg Fischer, Schaffhausen, Switzerland. Filed Oct. 26, 1921. Serial No. 510,618. 8 Claims. (Cl. 301—12.)



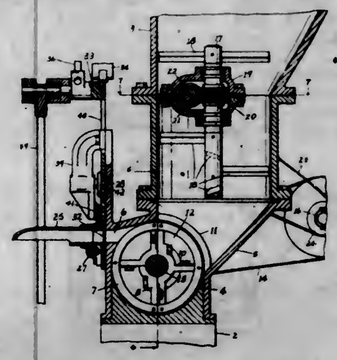
1. A wheel for automobiles and the like comprising in combination, a wheel spider having a plurality of spokes each spoke having two faces on its peripheral surface shaped to form parts of the convex surfaces of cones, a rim divided in the plane of the wheel, radially projecting members on the inner periphery of both of said rim halves, each member having a face forming part of the interior concave surface of a cone, each such face contacting with a corresponding face of the spoke ends, a pneumatic tire mounted on said rim, the distance in the axial direction between said faces on the rim halves being alterable and said contacting faces being pressed against each other by the air pressure in the inflated tire, whereby a frictional engagement between wheel spider and rim is caused and a connection between the latter is effected that can readily be severed, a locking bolt passing through the contacting faces of the wheel spider and rim for preventing the wheel spider from creeping on the rim when the air pressure in the tire fails, said locking bolt having a circular groove, and a spring-loaded pin engaging in said circular groove for keeping said bolt in position.

1,578,747. VENTILATION SYSTEM. WILLIAM HEYWOOD MOTTERSHALL, Thornhill, Ontario, Canada. Filed Aug. 16, 1923. Serial No. 657,821. 2 Claims. (Cl. 98—27.)



1. In ventilation systems, a plurality of spaced apart funnel shaped members, each comprising a neck portion and a coacting skirt portion, such portions longitudinally adjustable with respect to each other, each neck portion inserted into the skirt portion of the next member, such neck being of substantially less diameter than the diameter of such skirt portion, and means for holding the necks in their centred position in the skirt portions.

1,578,748. FILLING MACHINE. LEWIS D. NELSON, Coldwater, Mich., assignor of two-thirds to Robert M. Neale and William M. Hatch, both of Union City, Mich. Filed Mar. 20, 1924. Serial No. 700,567. 7 Claims. (Cl. 226—48.)

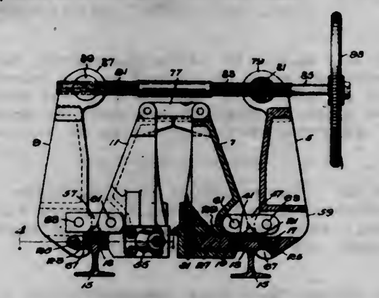


1. In a structure of the class described, the combination of a hopper, an ejector cylinder disposed so that a segmental portion of said cylinder projects into said hopper, the sides of said segmental portion being open providing side inlet openings, said cylinder having a tangentially disposed discharge opening, a rotor comprising a spider having radial blades mounted thereon and annular side members at the outer ends of said blades whereby the material to be ejected may pass laterally

to said blades from said side openings of said cylinder, and an agitator disposed in said hopper above said cylinder and provided with forwardly inclined radial arms so that they tend to lift the material upwardly, the arms being spaced to permit the material to fall between them by gravity.

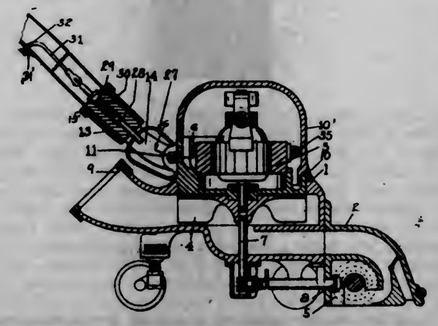
7. In a structure of the class described, the combination of a hopper, an ejector disposed below the hopper so that the material to be ejected passes thereto by gravity, and an agitator disposed in said hopper above said cylinder and acting to lift the material engaged thereby upwardly while permitting it to fall by gravity to said cylinder.

1,578,749. RAIL-CLAMPING MECHANISM. ALMON E. NORRIS, Brookline, Mass. Filed Aug. 2, 1923. Serial No. 655,301. 4 Claims. (Cl. 183—43.)



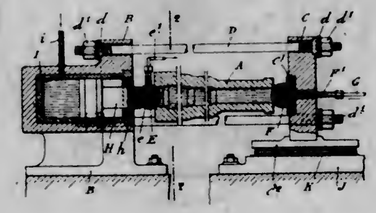
1. A device for securing a structure to a rail, comprising opposed pivotally mounted jaws operatively related to opposite sides of the rail, self-tightening clamping devices carried by one of the jaws and including a movable cam member adapted, when said jaws are moved to apply the clamping devices, to be moved through the frictional engagement of a jaw carried part with the rail to increase the grip of the jaws therein as the structure tends to move in either direction along the rail, connected mechanism comprising a screw which may be turned to close or open said jaws, said screw being movable at the will of the operator to move the jaws toward the rails to variable positions of positive setting with relation to the rail to meet varying rail dimensions, and a hand operated device for turning said screw.

1,578,750. PORTABLE ELECTRIC SUCTION CARPET SWEEPER AND CLEANER. IRA J. OWEN, Grand Rapids, Mich., assignor, by mesne assignments, to Bissell Carpet Sweeper Co., Grand Rapids, Mich., a Corporation of Michigan. Filed Apr. 17, 1922. Serial No. 553,966. 3 Claims. (Cl. 172—36.)



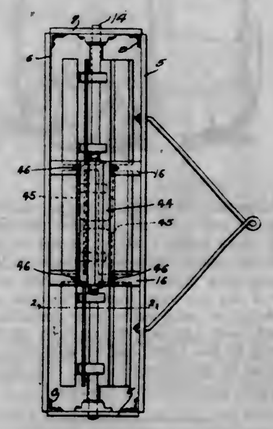
2. In an electric suction cleaner, the combination of a suitable motor and casing, a hollow handle, electric connections disposed within the hollow handle, a suitable ear on the motor casing, insulator blocks interposed between the said ear and the said handle, annular contact devices thereon, and connections therefor from the conductor within the handle to the motor within the casing, coacting as specified.

1,578,751. APPARATUS FOR PRODUCING HOOPING EFFECTS IN METAL TUBES OF GREAT STRENGTH. NICOLAS EMILIEN METHLIN, Paris, France, assignor to Schneider & Cie., Paris, France, a Joint Stock Company. Filed July 16, 1925. Serial No. 44,072. 9 Claims. (Cl. 29—1.11.)



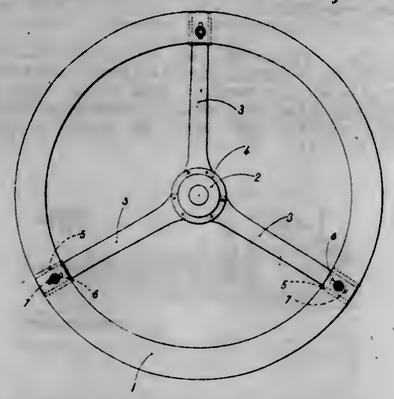
6. Apparatus for subjecting a tube to hydraulic pressure comprising a fixedly mounted crosshead having an opening therein, a piston in said opening, a rod for said piston, means for introducing liquid under pressure into said opening to move said piston and rod, a second crosshead, means permitting movement of said second crosshead relative to said first named crosshead, tie rods extending through said crossheads, spherical bearing members interposed between said tie rods and crossheads, and spherical members for gripping and closing the ends of said tube, one of said members having engagement with said rod and another of said members having engagement with the second named crosshead.

1,578,752. LAND ROLLER. ARTURO F. MOELLER, San Pedro, Mexico. Filed Jan. 24, 1924. Serial No. 688,261. 2 Claims. (Cl. 55—21.)



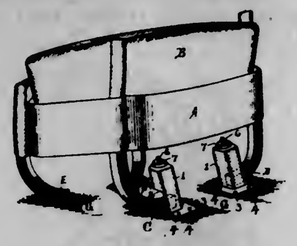
1. In an agricultural implement of the class described, a rectangular frame of the open type, a pair of arch members disposed between the longitudinal sides of the frame, a plurality of slats lying alongside of each other on the intermediate portions of the arch members, and a pair of pins projecting through each arch member for holding the slats in place thereon and projecting above the slats for maintaining weight material on the slats.

1,578,753. ELASTIC STEERING WHEEL FOR MOTOR VEHICLES. FRED R. OSTREIMER, Paris, France. Filed Sept. 28, 1925. Serial No. 59,199. 1 Claim. (Cl. 74—33.)



In an elastic steering wheel, a plurality of spring arms having the outer ends thereof slotted, a wheel rim, guide sleeves slidably receiving the outer ends of the arms mounted in and extending throughout the entire thickness of the rim, flanges at the two opposite faces of the sleeve bearing against the outer portions of the wheel rim and pins extending through the slots and the outer ends of the arms.

1,578,754. JERK ABSORBER. SYDNEY PAUL, Lima, Ohio, assignor to The Superior Motor Coach Body Company, Lima, Ohio, a Corporation of Ohio. Filed Feb. 26, 1925. Serial No. 11,749. 1 Claim. (Cl. 267—1.)

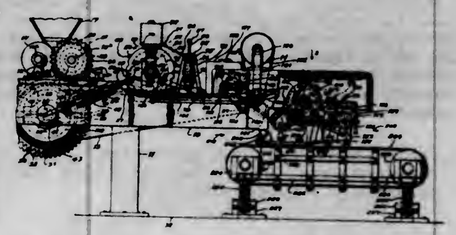


A jerk absorber comprising a casing having a top and an open lower end with an aperture through the center of the top, there being a notch formed in the lower end portion of the casing, means for securing the lower end of the casing to a floor, a tubular guide extending from the center of the top down into the interior of the casing, a rod slidable in said guide and extending therebelow and through said aperture in the top of the casing, a head secured to the lower end of said rod and operative up and down in the casing, and a coil spring surrounding said guide and engaging the head.

1,578,755. MACHINE FOR MAKING A FOOD PRODUCT. SCOTT H. PERRY, Keeseville, N. Y. Filed Mar. 19, 1921. Serial No. 453,584. 41 Claims. (Cl. 107—4.)

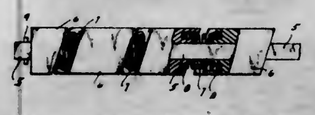
1. In a machine for making food products, the combination with means for receiving the raw material and means for forming said material into a ribbon, of means for compacting an end of said ribbon.

20. In a machine for making food products, the combination with means for receiving the raw material and means for forming said material into ribbons, of means for rolling said ribbons into cylinders, compressors for compressing said cylinders, and partitions between said compressors.



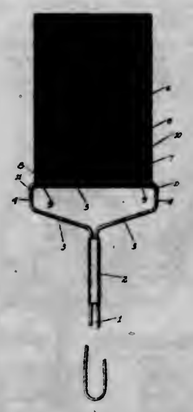
35. In a machine for making food products, the combination with means for receiving the raw material, of means for forming the same into a cylinder formed of rolled ribbon, an oven belt, and means for depositing said cylinder on said belt to rest on one base thereof.

1,578,756. COMPENSATING HOLDING DOWN AND SUPPORTING BAR. EDWARD V. PRENTICE, Portland, Oreg. Filed May 16, 1925. Serial No. 30,839. 5 Claims. (Cl. 34—26.)



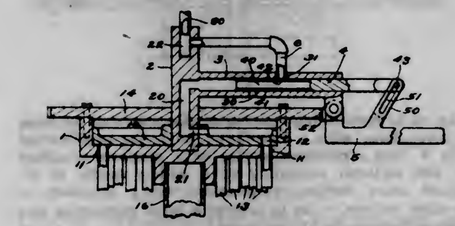
4. A compensating holding down and supporting bar, comprising a core bar, individual compensating units, mounted upon the bar, and normally spaced apart by a compressible spring seated in adjacent ends of the individual compensating units and roller supporting means journaled within the base of the individual compensating units composing the bar.

1,578,757. FLY SWATTER. JAMES S. RAIRDEN, Waterford, Calif. Filed July 2, 1925. Serial No. 40,984. 4 Claims. (Cl. 43—137.)



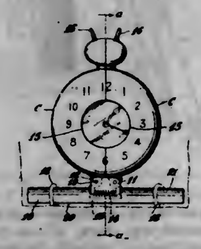
4. A fly swatter including a handle, a rod connected to and extending transversely of the plane of the handle at one end thereof, a swatting element turnably mounted on the rod, oppositely acting helical springs wound in spaced relation about said rod, a loop member connecting the adjacent ends of the springs and having constant engagement with the swatting element beyond the plane of the rod, to maintain the element in normal predetermined alinement relative to the handle, vertical members fixed with the rod at the ends thereof, and projections formed with the adjacent ends of the springs and engaging the vertical members in opposite and laterally movable manner, and arranged to bear against said members when the corresponding springs are in tension but to move away from said members when the springs are turned beyond their normal slack condition in a direction tending to cause them to unwind.

1,578,758. FLUID DISTRIBUTOR. CHARLES A. REED, Onalaska, Wash. Filed Aug. 18, 1925. Serial No. 51,033. 2 Claims. (Cl. 277—31.)



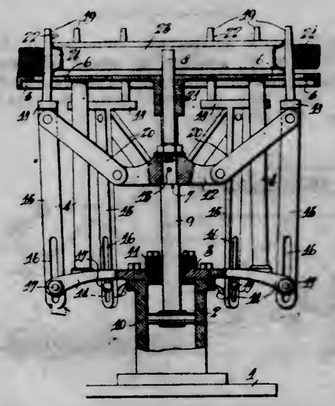
1. A rotatively-mounted disk-like distributing valve having a single port passing therethrough, a casing for said valve having a series of distributing ports in one face adapted to register with the port in the valve, an operating journal for said valve extending without the casing and having a fluid port therein, an operating arm connected with said journal, and a control valve mounted to control said fluid port to connect it with the source of supply and with an exhaust at will.

1,578,759. WATCH-PROTECTING CASE. RICHARD REMMLER, New York, N. Y. Filed Apr. 3, 1925. Serial No. 20,841. 2 Claims. (Cl. 2—250.)



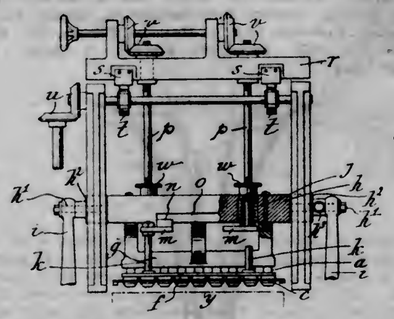
1. The combination with a pocket having loops or straps formed therein, of a bar over the ends of which said loops are engaged, projections on said bar, a pair of pins secured in said projections, a pair of half-circular supplementary case-parts pivoted on said pins, hooks formed with said case-parts, a coiled spring secured between said hooks for keeping said case-parts closed, said case-parts adapted to encircle a watch and provided with supplementary half-circular openings for allowing an inspection of the watch hands therethrough, and having their front faces graduated corresponding to the watch dial, and means on the upper end of each of said case-parts to effect a rotation of said parts about their lower pivot points for permitting the removal of the watch.

1,578,760. TIRE-BAND EXPANDER. MARK A. REPLOGLE, Akron, Ohio, assignor to Lambert Tire & Rubber Co., Barberton, Ohio, a Corporation of Arizona. Filed May 20, 1925. Serial No. 31,643. 5 Claims. (Cl. 157—6.)



1. A tire band expander comprising a table having slots, fingers projecting through said slots and movable from and toward the axis of the table to expand and release a band, and movable up and down in a direction approximately parallel to the axis of the table to project and withdraw the pins, and means for effecting the aforesaid movements of the pins, substantially as shown and described.

1,578,761. MANUFACTURE OF BISCUITS AND LIKE EDIBLE ARTICLES AND MEANS THEREFOR. LAURENT RONDOLIN, Bermondsey, London, England, assignor to Peek Frean & Company, Limited, London, England. Filed Sept. 20, 1924. Serial No. 738,871. 4 Claims. (Cl. 107—26.)

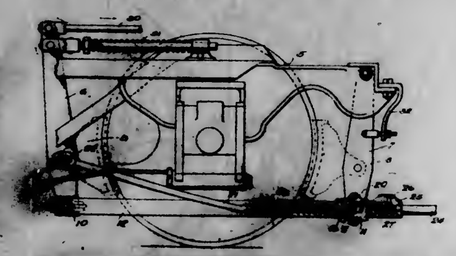


3. Means for manufacturing articles such as biscuits from a plastic mass in sheet form, comprising a shell cutter and an impression die housed completely therein, means for advancing the die, resilient means through which the cutter is advanced by the die, and means for temporarily retarding movement of the cutter after it has partially advanced into the sheet mass, substantially as described.

4. Means for manufacturing articles such as biscuits from a plastic mass in sheet form, comprising a shell cutter and a companion die housed completely therein, means for advancing the die, resilient means through which the cutter is advanced by the die, and means for temporarily retarding movement of the cutter after it

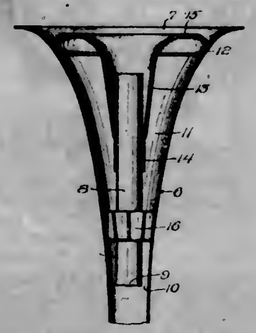
has partially advanced into the sheet mass, the resilient connection between the cutter and die being adapted to ensure retraction of the impression die from the sheet mass before the cutter is withdrawn from such mass, substantially as described.

1,578,762. SLACK ADJUSTER. WILLIAM H. SAUVAGE, New York, N. Y., assignor, by mesne assignments, to The Gould Coupler Company, a Corporation of Maryland. Filed May 17, 1924. Serial No. 714,168. 4 Claims. (Cl. 188—199.)



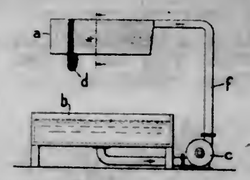
1. In an automatic slack adjuster of the clasp brake type for combination with live and dead levers, the upper ends of which are movable towards each other during the application of the brakes, a tie rod connecting the lower ends of said levers, and fulcrums intermediate the ends of said levers carrying brake shoes adapted to be brought into engagement with the periphery of the wheel, said tie rod being relatively movable with respect to its point of connection with the dead lever, a temporary take-up mechanism associated with said point of connection, an adjusting rod connecting said point with the live lever near the pivot point of the live lever, a take-up rod, and permanent take-up and holding means associated with the lower end of the dead lever and said rod.

1,578,763. MUTE FOR WIND INSTRUMENTS AND THE LIKE. GEORGE SCHLUESSELBURG, Chicago, Ill., assignor of one-half to P. T. Harmon, Chicago, Ill. Filed Feb. 28, 1923. Serial No. 620,338. 1 Claim. (Cl. 84—460.)



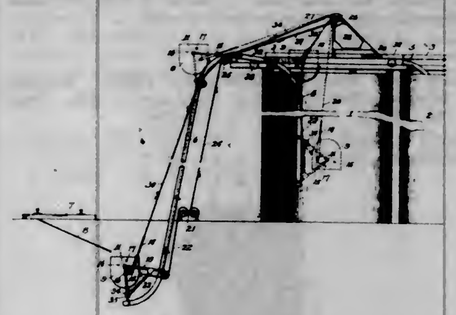
As a new article of manufacture, a mute for a wind instrument having an outwardly flared bell, said mute comprising in combination a circular body member having at its inner end a tubular extension of uniform cross section and of relatively small cross-sectional area and of smaller size than the small end of the bell, a tube of uniform diameter and smooth bore slidably mounted in said extension, means for supporting said slidably mounted tube within the small end of the bell while permitting passage of air blast between the said parts, the circular body member increasing in size towards its outer end and having its outer end curved outwardly towards the outer end of the bell of the wind instrument, and into contact therewith and curled inwardly towards the axis of the instrument on an easy curve, substantially as described.

1,578,764. TREATING TEXTILE MATERIALS WITH CIRCULATING LIQUOR. ALBERT WILLIAM SCHMID, Basel, Switzerland. Filed Apr. 7, 1925. Serial No. 21,426. 1 Claim. (Cl. 8—17.)



In an apparatus for treating textile materials in hank or piece form with a circulating fluid, the combination with a fluid circulating device of a stationary carrier for the material consisting of a hollow saddle of U-shaped cross section, perforations being provided in its outer surface, so as to present a large supporting and spraying surface to the material.

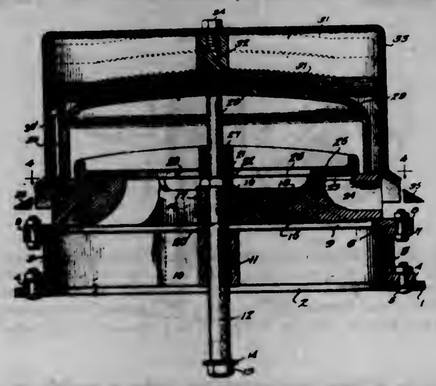
1,578,765. HANDLING APPARATUS FOR COAL AND THE LIKE. CLARENCE A. SCHUBERT, Findlay, Ohio. Filed Apr. 5, 1922. Serial No. 549,834. 16 Claims. (Cl. 214—120.)



1. In a structure of the character described, an elevating track, a transferring track, a lowering track, said tracks being connected, a transfer bucket, movable on said tracks, and mechanism for moving said bucket back and forth upon said tracks.

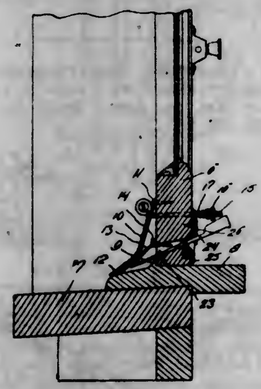
1,578,766. VALVE. WILLIAM SCHWEMLEIN, Parkersburg, W. Va., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va., a Corporation of West Virginia. Filed Jan. 19, 1925. Serial No. 3,475. 4 Claims. (Cl. 277—20.)

1. A combined pressure and relief valve comprising a valve seat, a substantially flat, annular plate of substantially uniform thickness mounted on said seat and forming a pressure valve member, a cover carried by said member, and a second plate arranged over said pressure valve member within said cover and forming a vacuum valve, said pressure valve member being provided with a central opening, said vacuum valve member being provided with a central opening, and said



pressure valve member being further provided with opening extending from the top to its outer periphery and normally closed by said vacuum valve member.

1,578,767. WEATHER STRIPPING FOR WINDOW AND DOOR CASEMENTS. GEORGE E. SCOTT, Kankakee, Ill. Filed Mar. 23, 1925. Serial No. 17,631. 1 Claim. (Cl. 20—67.)



In combination, a frame, a swingable member in the frame, a weather strip of resilient material fixed at its upper edge to the member, bolts passing through intermediate portions of the strip and through the member, means for tensioning the bolt so as to hold the strip toward the frame, a wear plate hinged to the member and having its free end terminating under the strip, and means engageable with the wear plate whereby the wear plate and strip may be lifted to an out-of-the-way position.

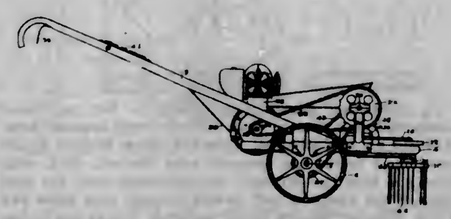
1,578,768. CAR-FLANGE-WHEEL OILER. JOHN L. SCOTT, Vicksburg, Miss. Filed Jan. 14, 1925. Serial No. 2,411. 3 Claims. (Cl. 184—3.)

1. In a locomotive flange oiler, a supply tank, a depending supply pipe, a laterally and downwardly inclined nozzle carried by the lower end of the supply pipe, means for controlling the flow of oil from the tank to the pipe including a valve plug, a tilting platform tank rockably off the center, means supporting the end of the tank to the greatest distance from its pivot point, an operating lever rockably mounted at a point intermediate its ends, means pivotally connecting the valve plug to the lever at one side of its pivot point, an operating rod



pivotally secured to the lever on the other side of its pivot point engaging the end of the tilting platform tank nearest the pivot point thereof, spring means normally urging the valve plug to a closed position, and a movable weight in said tilting platform.

1,578,769. POWER CULTIVATOR. NEWTON D. SERGEANT, Springbrook, Wis. Filed June 28, 1921, Serial No. 481,002. Renewed June 8, 1925. 2 Claims. (Cl. 97—43.)

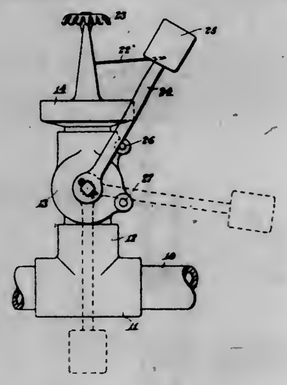


1. In a power cultivator in combination, a frame, a vertical drive shaft rotatable in bearings on said frame, a drive crank fixed to said drive shaft, a vertical driven shaft rotatable in bearings on said frame, a driven crank longer than said drive crank fixed on said driven shaft, a connecting rod between said drive and driven cranks, a spur gear fixed on said driven shaft, two arms loosely mounted on said driven shaft, a vertical shaft mounted in each arm, each of said shafts carrying a gear meshing with said spur gear, cultivator teeth at the lower end of each of said driven shafts, means for adjusting said arms about their pivots, and means for rotating said drive shaft.

1,578,770. SPRINKLER-HEAD-CONTROLLING MECHANISM. MICHAEL F. SILVA, Boston, Mass. Filed July 17, 1924. Serial No. 726,448. 10 Claims. (Cl. 169—19.)

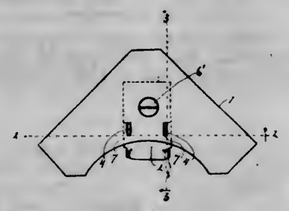
1. The combination of a supply pipe; a sprinkler head therefor having a fusible connection adapted to be re-

leased at a predetermined heat to open said head; a valve interposed between said pipe and head and normally open; and automatic means for closing said valve



after the sprinkler head has been opened, said means including a weighted arm secured to said valve normally off center and adapted to move downwardly.

1,578,771. CULTIVATOR. PHILIP SIMONS, Pewamo, Mich. Filed Apr. 10, 1925. Serial No. 22,067. 1 Claim. (Cl. 97—204.)



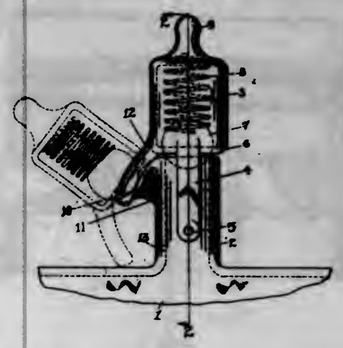
In cultivator sweep construction, a flat cultivator sweep having a counter sunk hole centrally located therethrough, an arm mounted upon the upper surface of the sweep and having an integral wing thereon, said wing having a hole therethrough corresponding with the hole through the sweep, a bolt passed through said holes and a nut screwed thereon firmly securing the sweep to the wing of the arm, the sweep having slots therethrough, and lugs cut and formed integral with the wing to pass through said slots and hold the sweep from sidewise or revoluble movement.

1,578,772. SIDE LAMP FOR AUTOMOBILES. CHARLES A. SIMS, Odon, Ind. Filed June 30, 1924. Serial No. 723,189. 2 Claims. (Cl. 240—8.2.)



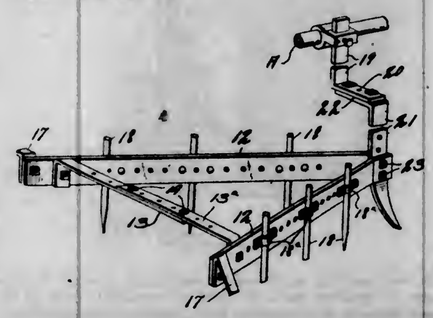
1. A side lamp for an automobile comprising two projecting reflectors, with their axes at an angle to each other, the reflectors intersecting each other in a central curved line, independent sources of light substantially at the foci of the reflectors.

1,578,773. CLOSURE FOR FUEL TANKS. HARRY WORCESTER SMITH, North Grafton, Mass. Filed Sept. 27, 1923. Serial No. 665,120. 2 Claims. (Cl. 220—86.)



1. In a closure mechanism for tanks, a member provided with an orifice, a hollow member pivotally attached to said first member, a spherical member in said hollow member, means retaining said spherical member at least partially in said hollow member, resilient means tending to press said spherical member out of said hollow member, a flange on said first named member to receive said spherical member when the closure mechanism is in the open position, a concave seat on said flange, and a second flange on the hollow member adapted to cover said first named flange when the closure mechanism is in the closed position.

1,578,774. HARROWING AND PLOWING ATTACHMENT FOR CULTIVATORS. JOHN T. SMITH, Carey, Tex. Filed Mar. 14, 1925. Serial No. 15,570. 1 Claim. (Cl. 97—5.)

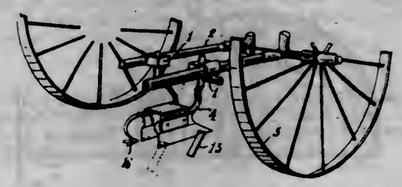


A cultivator attachment comprising a member adapted to be connected to a cultivator beam and extend downward therefrom, the member being laterally angled at its lower end and perforated, a second member having a laterally angled upper end adapted to be adjustably engaged with the angled lower end of the first named member, and a cultivating frame connected to the lower end of said second named member and having cultivating tools thereon and projecting downward therefrom.

1,578,775. CULTIVATOR ATTACHMENT. WILLIAM C. SPECK, Lamesa, Tex. Filed Feb. 24, 1925. Serial No. 11,019. 1 Claim. (Cl. 97—179.)

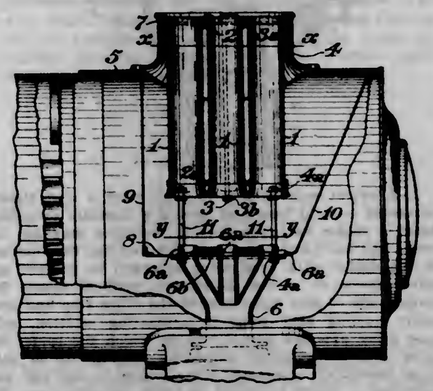
A cultivator attachment of the character described comprising a frame consisting of a pair of angular plates, means for adjustably connecting said plates together,

means for connecting said plates to a cultivator curved portions formed with the outer sides of said plates, runner guards, curved portions formed with the upper ends of said runner guards and adapted to receive said



curved portions of said plates, a bar seated within the curved portion of each plate said bars and curved portions having openings therein, and bolts extending through the openings in said bars and curved portions for adjustably connecting said runner guards to said frame.

1,578,776. LOCOMOTIVE STACK. CLEMENT F. STREET, Greenwich, Conn. Filed Apr. 4, 1925. Serial No. 20,623. 10 Claims. (Cl. 162—8.)



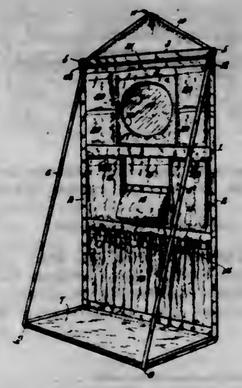
9. In a multiple locomotive stack, the combination of a plurality of vertical discharge channels; upper and lower head plates, fitted to the ends of said channels; a casing, enclosing said upper head plate and the adjacent portions of the discharge passages, and connected to a locomotive smoke box; and means for preventing the ingress of air between the upper head plate and the casing.

1,578,777. FIREARM. CARL G. SWEBILIUS, New Haven, Conn., assignor to The Marlin Firearms Corporation, New Haven, Conn., a Corporation of Delaware. Filed July 18, 1923, Serial No. 652,886. Renewed Nov. 17, 1925. 6 Claims. (Cl. 42—25.)



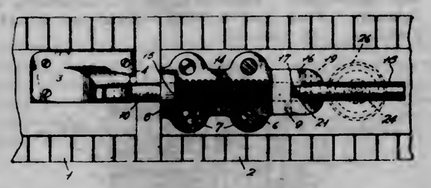
1. In a fire-arm, a pivoted ejector, resilient means for projecting one end of said ejector into position to engage a cartridge, and a member adapted to maintain the cartridge engaging end of said ejector in inoperative position.

1,578,778. COMBINATION TRAVELING CASE AND TOILET TABLE. ROBERTA ROHR THORNHILL, Lynchburg, Va., assignor to Virginia Art Goods League, Incorporated, a Corporation of Virginia. Filed Apr. 11, 1925. Serial No. 22,475. 11 Claims. Cl. 150—34.)



10. An article of the class described comprising a foldable fabric section, means at one end of said section for holding the same in a suspended position, means for holding the opposite end of said section at an angle to the body of said section when the same is suspended to enable said end to act as a supporting shelf, and means for stiffening said shelf portion.

1,578,779. REFRIGERATOR-DOOR LOCK. ALFRED E. TITUS, Trenton, N. J. Filed Aug. 21, 1924. Serial No. 733,401. 2 Claims. (Cl. 292—164.)

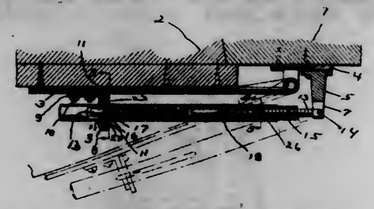


1. In a door lock, the combination with a base plate, lugs extending at right angles from the face of said plate, a bolt slidably mounted in said lugs, a coil spring around said bolt and confined between said lugs, one end of the spring being anchored to the bolt, a roller on one end of said bolt adapted to engage a keeper, the other end of the bolt being forked, a roller mounted in said forked end, an operating lever pivotally mounted intermediate its ends on one of said lugs, said lever comprising arms at substantially right angles to each other, one of said arms projecting into said forked end and having a cam face adapted to cooperate with the roller in the forked end.

1,578,780. DOOR HINGE. ALFRED E. TITUS, Trenton, N. J. Filed Oct. 6, 1924. Serial No. 741,985. 5 Claims. (Cl. 16—72.)

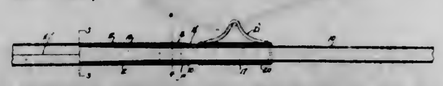
1. In a hinge, the combination with a bracket secured to each leaf of the hinge, a rod pivotally secured at one end to one of said brackets and slidably mounted at its other end in the other of said brackets, a stop slidably mounted on said rod and adapted to engage one of said brackets, a spring on said rod, one end of which abuts

said stop, a tension slide on the other end of said rod against which the other end of the spring abuts. A slot in one of said brackets, and means to move said



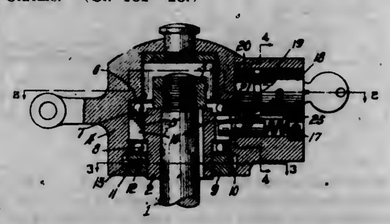
stop to register with said slot whereby the stop may move beyond its bracket and release the compression on the spring.

1,578,781. TELESCOPIC FISHING ROD. CHARLES A. TREDWELL, New Haven, Conn., assignor to Winchester Repeating Arms Co., New Haven, Conn. Filed Oct. 14, 1924. Serial No. 743,527. 3 Claims. (Cl. 287—124.)



2. In a telescopic fishing-rod, the combination with a longitudinally-seamed, cylindrical joint-section having its lower end conically expanded along its seam and slightly flattened on each side thereof, of a guide-collar mounted upon the said joint-section at the upper end of its said expanded and flattened portion; and a complementary joint-section having its upper end reduced in diameter to form a guide-sleeve and a cone.

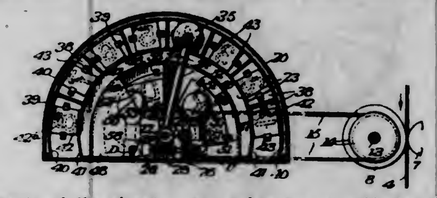
1,578,782. STEERING-WHEEL LOCK. ERNEST TRUMAN, Toledo, Ohio, assignor to Fox Automotive Products Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed Nov. 8, 1923. Serial No. 673,417. 2 Claims. (Cl. 151—25.)



1. A steering wheel hub member and a retaining ring member threaded for axial adjustment in the hub member, one of said hub and ring members having an annular groove opening to the other, and means carried by the other of said members and releasably projecting into the groove to coact with a wall thereof to prevent a removal of the ring member from the hub member and at the same time permitting predetermined axial adjustment of one member relative to the other.

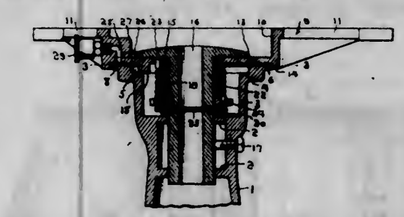
1,578,783. ELEVATOR SIGNAL SYSTEM. PAUL SCHUYLER VAN BLOEM, Hempstead, N. Y., assignor to Viking Products Corporation, New York, N. Y., a Corporation of New York. Filed Sept. 18, 1923. Serial No. 663,461. 5 Claims. (Cl. 177—336.)

1. In an elevator signal system the combination of a plurality of dial plates for the different floors of a building served by an elevator car each dial plate having a series of floor designating characters thereon adapted to admit light through them, a movable lamp support located at the rear of each dial plate, an electric lamp carried by each support, an electrical circuit connected to all of said lamps and adapted to maintain them constantly illuminated during the up-and-down move-



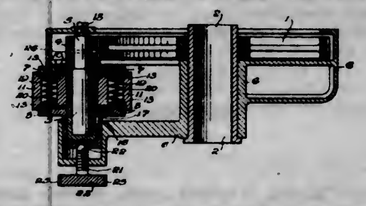
ments of the elevator car, and means operable by the movement of an elevator car from floor to floor for simultaneously shifting said lamp supports to move each lamp past the rear faces of the floor designating characters and thereby render the corresponding characters of each series luminous successively.

1,578,784. SWIVEL CONNECTION. JOSEPH S. WALTON, Los Angeles, Calif. Filed Feb. 28, 1924. Serial No. 694,777. 5 Claims. (Cl. 155—95.)



1. A swivel connection including a base, a stem rigidly connected to said base and having a laterally extending head, a spider having a portion rotatably mounted between the head and base, stops for limiting the rotation of the spider, said head being arranged to prevent upward movement of the spider, and resilient means for forcing one of said stops toward the other stop and normally holding said stops in contacting relation, said base being provided with a cup on which the spider rotates, and the resilient means for forcing one of said stops toward the other stop being located in said cup and including a sleeve rotatably mounted on said stem, detachable means for holding the sleeve in a fixed position relatively to the stem, and a coiled spring arranged in the cup and having one of its ends connected to the sleeve and its other end connected to the spider.

1,578,785. POWER-TRANSMISSION MECHANISM FOR CREAM SEPARATORS AND OTHER MACHINES. JAMES STUART WEARN, Christchurch, New Zealand, assignor to Wearns Automatic Drive Company, Limited, Christchurch, New Zealand, an Incorporated Company of New Zealand. Filed May 9, 1924. Serial No. 711,958. 4 Claims. (Cl. 74—29.)



1. A power transmitting clutch, comprising, in combination, a driven member, a pair of rotatable clutch members spaced apart and slidable toward and from each other, means between said clutch members and said

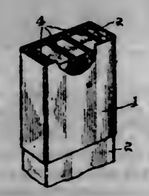
driven member for rotating the latter with the clutch members only in one direction, a driving pulley mounted for rotation between said clutch members, a plurality of flexible members carried by said pulley in frictional engagement with the clutch members thereby to cause the latter to rotate with the pulley, and means for regulating the distance between said clutch members thereby to adjust the tension of said flexible members.

1,578,786. SPIRIT LEVEL. SAMUEL WESTON, London, England, assignor to H. R. Watts & Son, Limited, London, England. Filed Aug. 20, 1923. Serial No. 658,322. 9 Claims. (Cl. 33—211.)



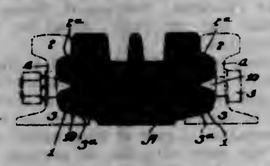
1. A spirit level with the usual bubble tube having the air and liquid therein in relative proportions adapted to maintain the length of the bubble substantially constant under temperature variations.

1,578,787. PROCESS OF FORMING BATTERY JARS AND THE LIKE. JOHN WESTREN, Toronto, Ontario, Canada, assignor to Dunlop Tire & Rubber Goods Co. Limited, Toronto, Canada. Filed Feb. 9, 1925. Serial No. 7,840. 2 Claims. (Cl. 18—56.)



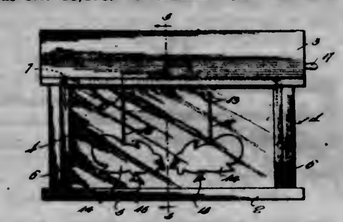
2. A process of forming a rubber jar which consists in extruding a seamless tube of rubber compound; forming the tube over a core; positioning strips of rubber on the core to form ribs inside the bottom of the jar; placing a bottom in position on the strips and core; turning down the edges of the tube over the bottom; and vulcanizing the finished jar.

1,578,788. METAL WEAR MEMBER. GEORGE W. WHITEMAN and RUSSELL C. PAXSON, Philadelphia, Pa. Filed Mar. 8, 1924. Serial No. 697,912. 12 Claims. (Cl. 246—463.)



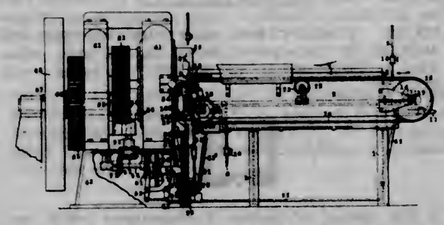
1. As a new article of manufacture, a wear-metal member of material length having a portion fitting in tight engagement between the head and flange of a rail and deeply grooved longitudinally of the same to permit expansion or compression of such rail-engaging portion.

1,578,789. MECHANICALLY-OPERATED FIGURE TOY. JOHN G. WILSON, Chicago, Ill. Filed May 28, 1925. Serial No. 33,498. 6 Claims. (Cl. 46—40.)



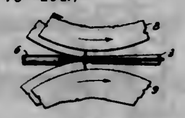
6. A toy comprising a support, a plurality of figures adjacent said support, a plurality of cords slidably arranged upon the support and having one end attached to the figures, a spring mounted adjacent and having a portion movable toward and from the support, said cords having their other ends connected to said spring portion, and means for alternately forcing said spring portion toward said support and releasing it, thereby causing the spring to jerk upon the cords and effect movement of the figures.

1,578,790. MACHINE FOR MAKING KNIFE BLADES. EDWARD E. WOOD, Northampton, Mass., assignor to Wm. A. Rogers, Limited, Toronto, Canada, a Corporation of Ontario. Filed July 25, 1921. Serial No. 487,363. 66 Claims. (Cl. 80—26.)



1. In an apparatus of the character described, in combination, a pair of swaging dies, a gripper adapted to advance blanks into operative relation with said dies, a blank carrier adapted to advance blanks in the sphere of operation of said gripper, and a furnace adapted to heat the blanks on said carrier.

1,578,791. METHOD FOR MAKING KNIFE BLADES. EDWARD E. WOOD, Northampton, Mass., assignor to Wm. A. Rogers, Limited, Toronto, Canada, a Corporation of Ontario, Canada. Original application filed July 25, 1921, Serial No. 487,363. Divided and this application filed Apr. 3, 1924. Serial No. 704,011. 2 Claims. (Cl. 76—104.)



1. The method of making a blade and a supporting part such as a tang or handle integral with the blade which includes, forging a portion of the length of a heated blank into the substantial shape and dimensions of the supporting part, thereafter heating that portion of the blank to be fashioned into a blade while the supporting part remains comparatively cool, thereafter, by a rolling operation, swaging while hot the portion of the blank last heated into the substantial shape and dimensions of the blade and subsequently shaping and finishing the article so formed by a trimming operation.

1,578,792. LEER FOR GLASSWARE AND OTHER ARTICLES. WALTER O. AMSLER, Toledo, Ohio. Filed Apr. 1, 1925. Serial No. 19,858. 5 Claims. (Cl. 49—47.)



2. In annealing apparatus an elongate horizontally extending chamber, the floor of said chamber being formed in a plurality of sections arranged at different levels, conveying means entering the chamber between the said floor sections and then advancing above the upper floor section, and means for causing a stream of hot gases to flow externally of said floor structure, first beneath the lower floor section and then beneath the upper floor section.

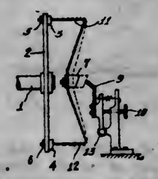
5. In annealing apparatus an elongate, horizontally extending chamber, means for heating the floor of the chamber, a horizontally extending conveyor movable longitudinally within the chamber and at an interval above the floor and at an interval from the side walls of the chamber, and a shield extending parallel with and at an interval from the side walls of the chamber and extending from above to a level lower than the level of the conveyor.

1,578,793. COMMUTATOR AND THE METHOD OF MAKING IT. VINCENT G. APPLE, Dayton, Ohio. Filed July 3, 1920. Serial No. 393,826. 4 Claims. (Cl. 171—321.)



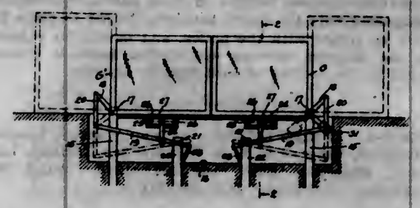
1. The method of making a commutator which consists in providing a cylinder having separated tongues at each end, one for each commutator bar; turning the tongues inwardly from the body part of the cylinder towards the axis thereof to provide a holding means; placing a moldable, adhesive, insulating material inside of the cylinder, about the tongues, and dividing the body of the cylinder into a plurality of commutator bars.

1,578,794. SPEED-REGULATING DEVICE. FRITZ BANNWITZ, Berlin-Charlottenburg, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Filed May 22, 1924. Serial No. 715,257. 12 Claims. (Cl. 200—31.)



1. In a speed regulating device of the character set forth, a rotatable resilient member provided with a surface inclined with respect to a plane at right angles to the axis of rotation of said member, and an element cooperating with said surface to coact therewith in accordance with the position of said surface, the axial movement of which is effected by the deformation of said resilient member by the action of centrifugal force.

1,578,796. GATE. JAMES HOLMES BARD, Bell, Calif. Filed July 16, 1924. Serial No. 726,376. 2 Claims. (Cl. 39—18.)



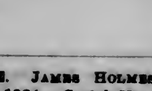
1. In combination, a trough adapted to span a well disposed transversely of a roadway, platforms in the trough movable to be depressed by a vehicle passing thereover, a gate extending transversely of the trough and pivoted to swing about a horizontal axis, a lever fixed to the gate at the axis of the gate, a counterweight having an arm fixed to the gate, a link pivotally connected to the lever, a standard fixed in the well, a second lever pivoted on the standard and connected to the link, a spring connected to said second lever and standard for urging said levers to a position in which the gate is closed, and an actuating bar pivoted on the second lever and extending upwardly into the trough so as to be depressed by said platforms, whereby said levers will be actuated to open said gate against the action of said spring.

1,578,796. FRAME CONSTRUCTION. ISAAC ALBERT BAUM, Memphis, Tenn. Filed Apr. 16, 1925. Serial No. 23,626. 2 Claims. (Cl. 72—98.)



2. A plaster terminal comprising a metallic channel having a web, and a corrugation running along the web defining a depression to provide a weather drip.

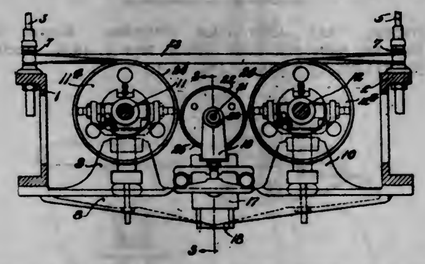
1,578,797. SHUTTLE AND BOBBIN FOR SEWING MACHINES. THOMAS A. BEANEY, Poughkeepsie, N. Y., assignor to Beaney Rubber Company, Inc., New York, N. Y., a Corporation of New York. Filed June 24, 1924. Serial No. 722,051. 1 Claim. (Cl. 112—233.)



The combination with an oscillating sewing machine shuttle having a center post to enter the bore of a bobbin, said post having a transverse bore therein, of a spring pressed ball in said bore adapted to project into contact with the wall of the bobbin bore on said post.

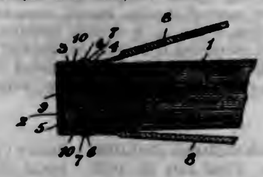
1,578,798. DRIVE MECHANISM FOR TWISTING AND SPINNING FRAMES. HERBERT G. BEEDE, Pawtucket, R. I. Filed Mar. 29, 1923. Serial No. 628,582. 1 Claim. (Cl. 118—48.)

In a machine of the class described having a pair of spaced parallel side rails, transverse members rigidly connecting said rails, a row of spindles carried by each rail, a pair of spaced brackets carried by each of said transverse members, a pair of longitudinal drive shafts turning in the same direction in bearings carried by the brackets, and a drive pulley mounted upon each shaft, said pulleys being disposed in the same plane, in combination, an auxiliary bracket mounted upon one of said transverse members intermediate the bearing brackets supported by said transverse member, said auxiliary bracket having a portion offset from the transverse member and provided with an elongate vertical guideway disposed midway between the drive shafts, a slide plate freely slidable vertically in said guideway, a bearing supported by the plate, a shaft in the bearing, a tension pulley mounted on the shaft, said pulley being disposed in the plane of the pulleys upon the drive shaft, and an endless integrally continuous band partially



encircling a spindle of each row of spindles, both runs of said band being disposed above said drive shafts, one run of the band engaging the upper portions of both drive pulleys, said run also passing below the tension pulley and supporting the weight of said pulley and the vertically sliding plate.

1,578,799. BOOKBINDING. JOSEPH BERG, New York, N. Y. Filed Jan. 13, 1926. Serial No. 80,873. 4 Claims. (Cl. 281—21.)



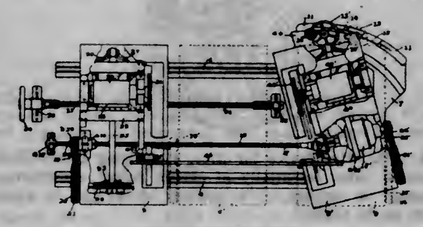
3. A binding for books consisting of a plurality of pages, a strip of binding fabric secured along the rear edges of said pages and uniting the same, perforations in said pages, separate elastic members extending through said perforations, and a cover embracing the rear ends of the pages and adhesively secured to their edges and over the ends of the elastic members.

1,578,800. GRABBING TOOL. CARL F. BRANDENBERGER, Fort Madison, Iowa. Filed Jan. 19, 1926. Serial No. 82,329. 2 Claims. (Cl. 294—100.)



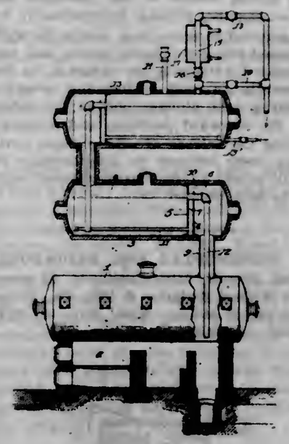
1. In a device of the class described, a plunger provided at its lower end with a compressible grip, a sleeve slidable on the plunger to compress and release the grip, a body rotatable on the plunger, and slidable on the plunger to depress the sleeve and compress the grip, first interengaging elements on the body and the plunger and cooperating to secure a withdrawal of the plunger along with the body, and second interengaging elements on the body and the sleeve and cooperating to connect the sleeve with the body, for withdrawal, when the body is rotated.

1,578,801. AUTOMATIC DADO, EQUALIZER, AND VARIETY WOODWORKING MACHINE. WILLIAM I. CARR, Bellingham, Wash. Filed Apr. 20, 1925. Serial No. 24,467. 6 Claims. (Cl. 144—133.)



1. In machinery of the kind described in combination, a vertically pivoted machine, a transversally movable machine adjacent said pivoted machine adapted to approach and recede from said pivoted machine, a power shaft common to both of said machines, and a universal coupling in said power shaft oscillatable about the vertical axis of said pivoted machine.

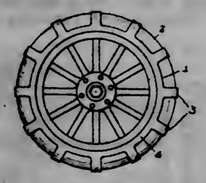
1,578,802. PYROGENESIS OF PETROLEUM. EDGAR MILTON CLARK, New York, N. Y., assignor to Standard Development Company, a Corporation of Delaware. Filed July 3, 1919. Serial No. 308,644. 4 Claims. (Cl. 196—51.)



1. The process of digesting petroleum oils for the pyrogenesis thereof which consists in confining under pressure two separated bodies of relatively heavy oil within a digester, applying heat to one of said oil bodies, taking vapors from the latter over into the second body, abstracting heat from said last named body to cause condensation of the vapors of the desired products of pyrogenesis therein, and feeding to the first named body the oil displaced by vapor condensation in the second body, continuing the said operation until said second

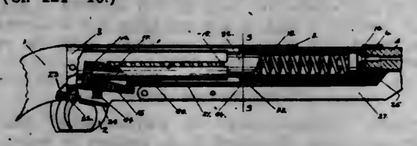
named body becomes of substantially lower boiling point than said first named body, whereby a substantial conversion may be effected without distillation and at a relatively low pressure.

1,578,803. TRACTIVE COVER FOR TIRES. FREDERICK H. COMBY, Akron, Ohio, assignor to The Falls Rubber Company, Cuyahoga Falls, Ohio, a Corporation of Ohio. Filed June 17, 1920. Serial No. 389,549. 10 Claims. (Cl. 152—14.)



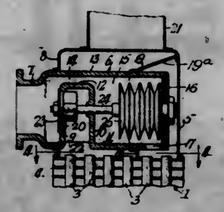
1. A tractive device for tires, comprising a detachable skeleton cover essentially of elastic rubber construction adapted to conform to the contour of the tire to which it is to be applied.

1,578,804. AIR GUN. EDGAR P. COOK, Granville, Ohio. Filed Apr. 23, 1924. Serial No. 708,329. 4 Claims. (Cl. 124—10.)



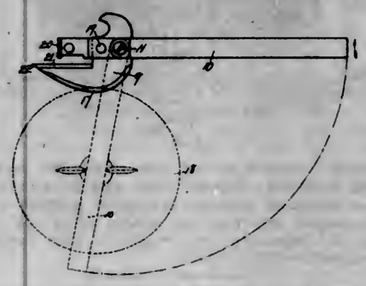
2. In an article of the character described, the combination of a casing, a barrel connected with the forward end of said casing, an opening in the forward end of said casing giving access to the rearward end of said barrel, an air chamber slidable longitudinally within said casing and adapted to serve as a closure for said opening, a spring pressed plunger engaged within said air chamber, means associated with said air chamber for moving the same rearwardly in said casing and compressing the spring abutting said plunger, means for retaining said plunger in its rearward position, and automatic means for preventing the release of said plunger until said air chamber has been restored to substantially its normal position with access to the barrel through said opening obstructed by said plunger.

1,578,805. THERMOSTAT FOR RADIATORS. JAMES H. COOPER, Detroit, Mich., assignor, by mesne assignments, to McCord Radiator & Mfg. Co., Detroit, Mich., a Corporation of Maine. Filed Nov. 10, 1922. Serial No. 600,010. 5 Claims. (Cl. 236—34.)



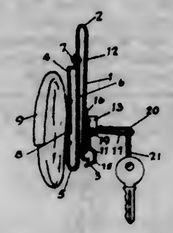
1. The combination with a radiator for internal combustion engines, of means dividing the radiator core into front and rear circulating sections, and a thermostatic valve device carried by the radiator and leaving the front section of the core in the circulation when the cooling medium is cold, said valve device being operated by the temperature of the cooling medium in the front section for cutting the rear section into and out of the circulation.

1,578,806. JAR AND CAN OPENER. SIDNEY O. COWLES, Salisbury, Conn. Filed May 7, 1924. Serial No. 711,727. 7 Claims. (Cl. 7—1.)



1. A jar and can opener comprising a handle with a can-opener blade secured thereto, means cooperating with said blade to open a can by a cutting operation, and a penetrator blade extending from said handle and having a penetrating edge spaced from the can-opener blade for the purpose of receiving the end of a jar between said blades.

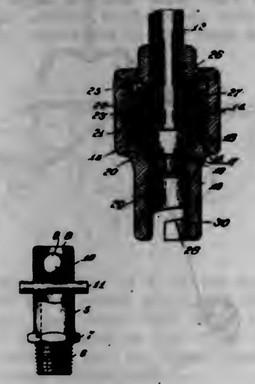
1,578,807. POCKETBOOK HOLDER. HENRY CROSSMAN, Toledo, Ohio. Filed July 23, 1925. Serial No. 45,475. 2 Claims. (Cl. 24—3.)



1. In an elastic clip, a bent strip having leg portions, an elastic strip secured to one leg portion of the said bent strip for elastically and removably connecting an object to the clip, a spring operated member, a latch member pivotally supported on one leg of the said bent strip and having an end portion turned at right angles to the body portion of the latch and in position to engage the said spring operated member and so as to press the end of the said spring operated member towards the other leg of the strip against the yielding resistance of the spring.

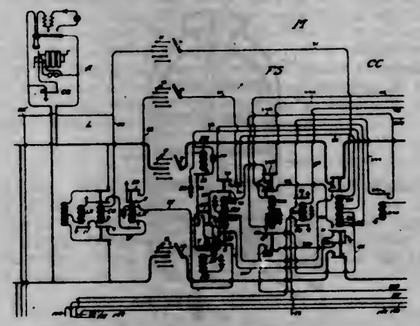
1,578,808. COUPLING. NORMAN W. CUMMINS, Bridgeport, Conn., assignor to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed June 1, 1920. Serial No. 385,529. 6 Claims. (Cl. 285—175.)

1. The combination with a coupling member comprising a hollow cylindrical member one end of which is provided with a conical inwardly tapering seat and a closure for sealing against the inner side of said seat, of a second coupling member comprising a conduit for conducting lubricant, a hollow expansible conical-shaped sealing member for co-acting with said conical seat to seal the joint



between said coupling members, and co-acting means on said coupling members for connecting said coupling members in detachable relation.

1,578,809. TELEPHONE SYSTEM. HIRAM D. CURRIER, Chicago, and GEORGE R. EATON, Oak Park, Ill., assignors to Kellogg Switchboard and Supply Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 27, 1922. Serial No. 590,785. 15 Claims. (Cl. 179—26.)



1. In a telephone system including telephone lines terminating at an auxiliary exchange, a group of non-numerical rotary finder switches multiply associated with said lines, any one of them adapted to seize said lines as calling lines, a main exchange, supervisory means under the control of the operator at the main exchange for supervising connections between calling and called lines at said auxiliary exchange and operator's answering equipment located at a centralized operator's position at said main exchange, an answering switch common to said finder switches for seizing a finder switch of the group that selected one of said lines as a calling line to connect said line with said answering equipment at said main exchange and connector switches at said first exchange paired with said finder switches to form connecting circuits between calling and called lines.

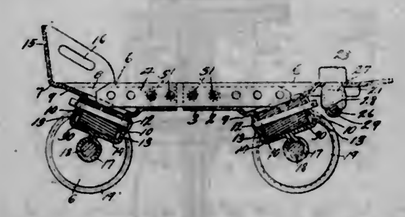
1,578,810. TOBACCO PIPE. BENJAMIN L. DALL, River Forest, Ill. Filed June 5, 1922. Serial No. 565,838. 8 Claims. (Cl. 131—12.)

2. A pipe having a body with two oppositely facing bowls therein, a passage connecting said bowls, a lateral opening communicating with said passage, and a stem having a reduced tubular extension terminating in a beveled end and rotatable in said lateral opening to close communication with one bowl and open communication



with the other, said extension being substantially of the same size as said passage so that it may be removed from said opening and introduced into said passage to clean the same.

1,578,811. ROLLER SKATE. LAWRENCE V. DAVIS, South Bend, Ind. Filed June 15, 1925. Serial No. 37,216. 7 Claims. (Cl. 208—173.)



1. A skate comprising forward and rear frame sections, downwardly struck alined reinforcing channels carried by said frame sections, truck attaching means in the bottom of said channels, and an adjusting bar disposed in said channels and connecting said frame sections.

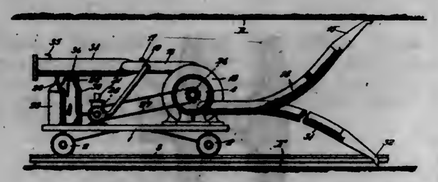
1,578,812. INSULATING BODIES AND METHOD OF PRODUCING THEM. CHESTER L. DAWES and WILLIS A. BOUGHTON, Cambridge, Mass., assignors to New England Mica Company, Waltham, Mass., a Corporation of Massachusetts. Filed Oct. 26, 1922. Serial No. 597,153. 33 Claims. (Cl. 154—2.)

1. The method of producing insulating bodies, characterised by association of mica fragments with an inorganic binding material which, at ordinary atmospheric pressure requires a temperature substantially as high as the disintegration point of mica to render it fluid, raising the associated mica fragments and binding material to a temperature below that at which mica disintegrates, and applying pressure adequate to make the binding material flow at that temperature.

1,578,813. COMPOSITE INSULATING BODIES AND METHOD OF PRODUCING THEM. CHESTER L. DAWES and WILLIS A. BOUGHTON, Cambridge, Mass., assignors to New England Mica Company, Waltham, Mass., a Corporation of Massachusetts. Filed Oct. 26, 1922. Serial No. 597,154. 4 Claims. (Cl. 106—24.)

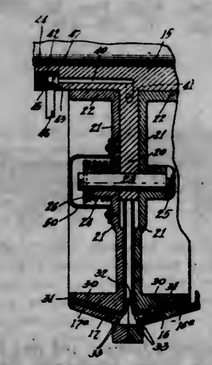
1. An insulating body, mainly consisting of mica fragments and a silicate of an alkali metal containing substantially no water, compressively integrated.

1,578,814. METHOD FOR REMOVING GAS AND DUST FROM MINES. ANGELO D'ASCENZO, Denver, Colo. Filed Apr. 8, 1925. Serial No. 20,504. 3 Claims. (Cl. 262—84.)



1. A method for removing gas and dust from a mine without the use of fixed pipes or passages, comprising separately and simultaneously collecting the gas and dust, storing the collected dust in a container, compressing the gas into a storage container, and periodically shipping the dust and gas containers out of the mine.

1,578,815. FLUID-PRESSURE CLUTCH. JAMES T. DICKSON, Los Angeles, Calif. Filed Feb. 1, 1922. Serial No. 533,470. 1 Claim. (Cl. 192—88.)



A clutch mechanism embodying a driving and a driven member, one of said members having oppositely arranged friction faces and the other having a hub carrying a central driving plate, two oppositely and longitudinally movable disks mounted at their centers to slide with a fluid tight fit on the hub on opposite sides of the central plate, said disks having friction faces adapted to be pressed outwardly against the friction faces of the first mentioned member, means to introduce fluid pressure between the disks, an extensible fluid tight connection between the two disks at their peripheries, a bolt passing through the central driving plate and both disks and rotatively connecting the driving plate and disks while allowing the disks to move longitudinally, a spring around the bolt outside a disk and pressing on the disk, and a fluid-tight cover cap mounted on the outer face of the disk and covering both bolt and spring.

1,578,816. COMBINED POT AND LID LIFTER. PETAR EIFRIED, Passaic, N. J. Filed July 17, 1925. Serial No. 44,176. 4 Claims. (Cl. 294—3.)



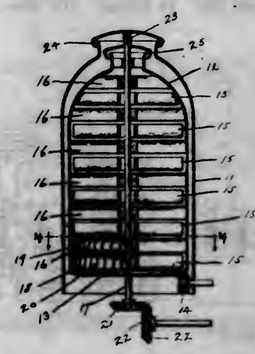
2. A combined pot and lid lifter including pivoted handles, and jaws carried thereby and each having tapered bifurcations therein capable of receiving, respectively, the shank and head of the knob of a lid.

1,578,817. TAKE-UP SPRING. CHARLES FISCHER, New York, N. Y. Filed Sept. 17, 1924. Serial No. 738,321. 7 Claims. (Cl. 24—73.)



1. An electric cord take-up consisting of a helical wire spring having wire ends, the said wire ends being shaped to provide a plurality of gripping loops for gripping the ends to the cord, which passes thru them.

1,578,818. AIR TURBINE. JAMES J. FITZGERALD, New York, N. Y. Filed Oct. 8, 1924. Serial No. 742,281. 3 Claims. (Cl. 170—165.)



1. In an air turbine the combination of the following elements; a housing; a rotatable cylinder mounted therein; a shaft mounted in the said cylinder; a series of blades secured to the wall of the said cylinder and adapted to rotate around said shaft; a second series of blades mounted on the said shaft and adapted to rotate within the said cylinder and in the opposite direction to that in which the first series of blades is rotated; means adapted to rotate the said cylinder and first series of blades; means adapted to rotate the said shaft and the said second series of blades; and means adapted to permit the longitudinal movement of said shaft by compressed air.

1,578,819. DISPLAY CONTAINER. ANSEL FREELAND, Nevada, Iowa. Filed Jan. 30, 1922. Serial No. 532,631. 1 Claim. (Cl. 220—22.)

A display container including a bottom, side walls and end walls, the end walls of said container being inclined upwardly and outwardly from the bottom, a partition member extended between the side walls and secured thereto, said partition member being spaced above the bottom of the container and dividing the container into

compartments so that commodities from one compartment can pass into the other below said partition, the top of said partition being substantially higher than the tops of said end walls, said side walls being of the same height as said partition at the points where said partition is secured thereto and slanting down in both direc-



tions from said points so as to be the same height as the end walls at the points where said end walls are secured thereto, one compartment being comparatively small relative to the other so that it can be used as a display compartment and the large compartment can be used as storage compartment.

1,578,820. SKIM-CHEESE MANUFACTURE. CLARENCE M. GERE, Brodhead, Wis., assignor to Kraft Cheese Company, Chicago, Ill., a Corporation of Illinois. Filed May 18, 1925. Serial No. 31,213. 7 Claims. (Cl. 99—11.)

7. The improvement in the art of making cheese of skim milk which consists in coagulating skim milk at a temperature of substantially 88° F. to produce and form a curd, drawing off the whey, working the curd after the whey has been drawn, while maintaining substantially said temperature, then soaking the curd in whey which after drawing has been cooled to a temperature of 70° F. thereby causing the curd to absorb a substantial percentage of such cool whey, then draining off the surplus whey, warming the curd to substantially its original temperature, pressing and curing.

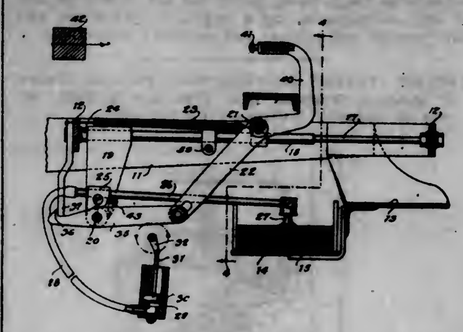
1,578,821. HANDWHEEL AND METHOD OF MAKING THE SAME. HARVEY D. GEYER, Dayton, Ohio, assignor, by mesne assignments, to The Inland Manufacturing Company, Dayton, Ohio, a Corporation of Delaware. Filed Aug. 30, 1922. Serial No. 585,189. 3 Claims. (Cl. 74—33.)



1. A handwheel having a rim, dished wooden spokes having greater width than thickness, and a metallic center having stub arms having recesses for receiving the inner ends of the wooden spokes, said metallic center being divided into two parts the plane of division extending through said recesses to permit the lateral insertion of the spokes therein, and means interconnecting the upper and lower portions of the stub arms and passing through the inner ends of the spokes for clamping the spokes and the divided hub portions rigidly together.

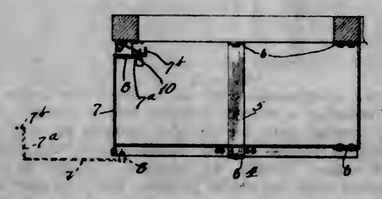
1,578,822. LABEL-HANDLING MECHANISM. TRUMAN J. GLOVER, Millburn, N. J., assignor to Federated Engineers Development Corporation, Jersey City, N. J., a Corporation of Delaware. Filed Feb. 9, 1924. Serial No. 691,691. 11 Claims. (Cl. 271—11.)

1. In a pneumatic sheet handling mechanism a traveling carriage, a pneumatic pick-up device carried thereby, driving means for moving said carriage, and means on



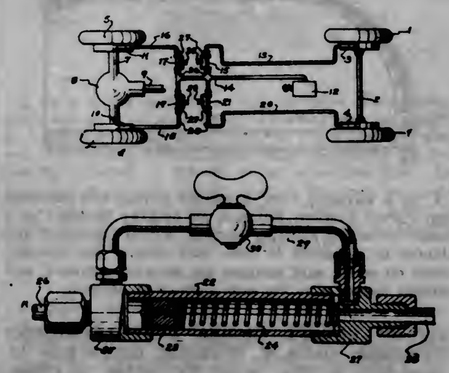
the carriage controlled by said driving means for lifting the pick-up device prior to the movement of the carriage.

1,578,823. TIRE CARRIER. WALTER R. GREEN, Chicago, Ill. Filed June 21, 1923. Serial No. 646,812. 2 Claims. (Cl. 224—29.)



1. In an underslung tire carrier, a pair of crossed members, an attaching bracket secured to each of the ends of one member, and to one end of the other member, a gate hinged to the other end of such other member, said gate having an upper inwardly bent end with an upstanding flange, and a latch adapted for locking engagement with such flange.

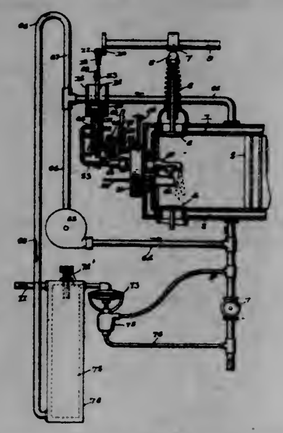
1,578,824. FLUID-OPERATED BRAKE. WILLIAM E. HERBST, Hillside, and R. HARRY STONE, Irvington, N. J. Filed Apr. 18, 1924. Serial No. 707,389. 12 Claims. (Cl. 188—152.)



1. The combination with a fluid-pressure-operated brake, of a source of fluid under pressure, primary connections communicating with said source, secondary connections

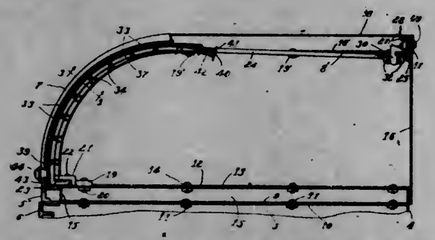
communicating with said brake and means permitting transfer of pressure between said primary and secondary connections but normally preventing any substantial flow of fluid therebetween, and a by-pass for permitting fluid flow between said primary and secondary connections.

1,578,825. INTERNAL-COMBUSTION ENGINE. FRANK L. HOAGLIN, Waupaca, Wis. Filed Mar. 8, 1920. Serial No. 364,066. 5 Claims. (Cl. 123—33.)



2. The combination with an internal combustion engine including a valved cylinder, and a piston; of a fitting inserted into the cylinder through its wall and including a nozzle, a main passage therefrom leading to the engine cylinder, an auxiliary cylinder in communication with the engine cylinder, and a by-pass leading from said nozzle to the interior of the auxiliary cylinder; and means operative during the suction stroke of the piston for supplying a rich mixture of air and fuel through said nozzle and said by-pass.

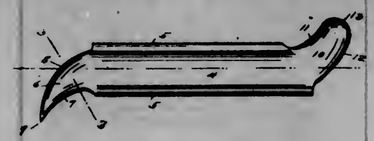
1,578,826. WARMING OVEN. STANLEY H. HOBSON, Rockford, Ill., assignor to Geo. D. Roper Corporation, Rockford, Ill., a Corporation of Illinois. Filed Apr. 16, 1925. Serial No. 23,481. 9 Claims. (Cl. 126—190.)



1. In a warming oven, a closure having side members with curved portions adjacent an opening therein; of a closure including abutting sections flexibly connected and adapted to be moved to cover and uncover the opening, guides on which said sections are movably mounted, and resilient means to retain said sections in contact.

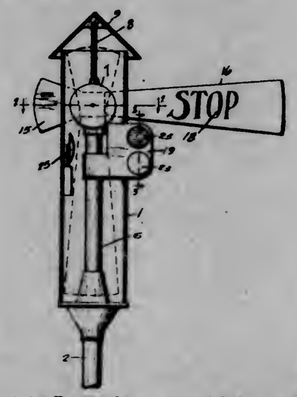
1,578,827. CHERRY SEEDER AND STRAWBERRY STEMMER. JACOB W. HOLSINGER, Granite City, Ill. Filed Sept. 2, 1924. Serial No. 735,386. 2 Claims. (Cl. 146—21.)

1. In a device of the character described, a thin semi-cylindrical body having reinforced sides and a sharp pointed concave projection at one end curved to one side and lying substantially in the plane of the body and having sharp side edges of convex and concave outline



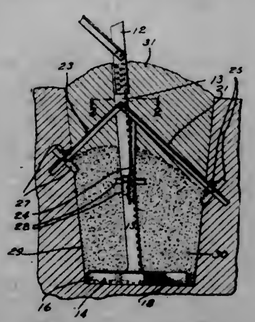
meeting in said point,—the cross section of said projections being parabolic with the focus nearer the convex side edge, substantially as and for the purpose described.

1,578,828. TRAFFIC REGULATOR. FRANK J. HUSBANDS, Los Angeles, Calif., assignor, by mesne assignments, to Acme Traffic Signal Company, a Corporation of California. Filed Mar. 15, 1921. Serial No. 452,580. 5 Claims. (Cl. 177—329.)



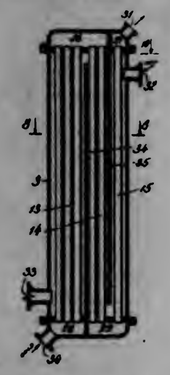
1. A street traffic regulator comprising a support, two counter-balanced signal arms, mounted on said support, means for independently moving said arms to signaling and non-signaling positions, including an armature for each arm, a field common to both armatures, and means for energizing said field with current of one polarity and for selectively energizing said armatures independently with currents of different polarities.

1,578,829. MAST FOR HIGH-TENSION ELECTRIC TRANSMISSION. JOHN E. JENNINGS, New York, N. Y. Filed May 3, 1924. Serial No. 710,849. 5 Claims. (Cl. 189—21.)



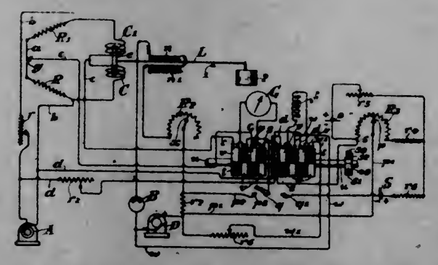
4. Mast supporting means comprising a grill work formed of channeled metal bars adapted to be disposed at the bottom of an excavation, a channeled beam extending upwardly therefrom and secured at its lower end to said grill work, channeled metal bars secured to said beam adjacent its upper end and projecting laterally therefrom at opposite sides thereof for engagement with the walls of the excavation, cross braces riveted to said bars adjacent the outer ends thereof, and means for securing a mast leg to the upper end of said beam.

1,578,830. HEAT EXCHANGER. RUSSELL C. JONES, Bronxville, and JOSEPH PRICE, New York, N. Y., assignors to The Griscom-Russell Company, New York, N. Y., a Corporation of Delaware. Filed Aug. 12, 1921. Serial No. 491,886. 7 Claims. (Cl. 257—224.)



1. Apparatus for heating a viscous liquid, comprising a shell, a plurality of metal tubes arranged longitudinally within said shell and constituting a passage for the liquid, said shell having an inlet for steam and a drain for removing the residual water, means at the ends of the shell for effecting the division of the tubes into successive groups connected in series, each of said successive groups containing a fewer number of tubes than the preceding group, thereby decreasing the cross sectional area of the passage in the direction of decreasing viscosity of the liquid.

1,578,831. BALANCING APPARATUS. EARL A. KEELER, Norristown, Pa., assignor to Leeds & Northrup Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 7, 1920. Serial No. 379,464. 65 Claims. (Cl. 73—167.)



1. The combination with a member movable from its normal position in response to a quantity to be measured, of an inductive winding and a magnetizable member movable relatively to each other, one of them movable with said movable member, a deflecting member, means causing deflection thereof in response to change of inductance of said winding, and means for returning said movable member toward normal position controlled by said deflecting member.

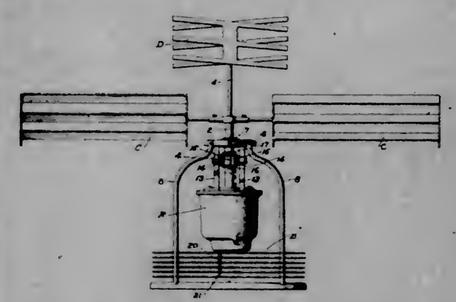
23. The combination with a member movable in response to changes in magnitude of a quantity, of a circuit, a galvanometer controlled by said circuit and having a deflecting member, means controlled by said first named member for varying the current in said circuit, a movable structure, a source of power, a disengageable mechanical connection between said source of power and said movable structure, means whereby said mechanical connection is controlled by said deflecting member, and means controlled by said movable structure and controlling exertion on said first named movable member of a force opposing that causing its movement.

1,578,832. CONDENSER. JOSEPH A. KLAUSS, Philadelphia, Pa. Filed Mar. 15, 1923. Serial No. 625,200. 7 Claims. (Cl. 250—41.)



1. A condenser bank including a plurality of condensers which are arranged at an angle to each other, and each having its ends overlapped by the adjacent condensers and being arranged to utilize the mutual capacities for equalizing the varying capacities.

1,578,833. FLYING MACHINE. ALBERT KÖGLER, San Francisco, Calif. Filed June 10, 1925. Serial No. 36,075. 4 Claims. (Cl. 144—19.)

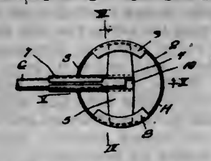


1. In a flying machine of the character described, an inner and an outer gimbal ring, a bearing member pivotally supported in the inner ring, an inner driving shaft and an exterior driving sleeve shaft journaled in said bearing member, a driving motor suspended from the bearing and secured against rotation with relation thereto, means for transmitting power from the motor to rotate the inner shaft and the sleeve shaft in opposite directions, and a propeller on each shaft.

1,578,834. DOLL'S EYES. ALEXANDER KONOFF, New York, N. Y., assignor to Overland Metal Novelty Co. Inc., New York, N. Y., a Corporation of New York. Filed Apr. 21, 1925. Serial No. 24,731. 10 Claims. (Cl. 46—40.)

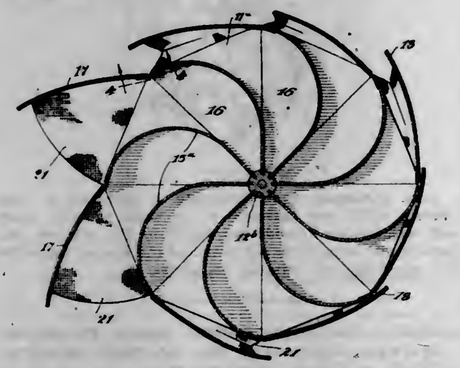
8. An eye structure comprising a shell, and an attaching member by which to connect said shell with the

usual supporting rod, means by which the shell is pivotally connected with said attaching member, and said last mentioned means comprising a spring finger extension of



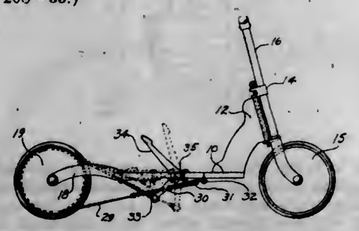
the attaching member arranged to engage the shell to frictionally resist rotary movement of the shell with respect to the attaching member.

1,578,835. FLUID MOTOR. LOUIS E. KOTHE, Englewood, N. J. Filed Feb. 28, 1925. Serial No. 12,200. 15 Claims. (Cl. 170—13.)



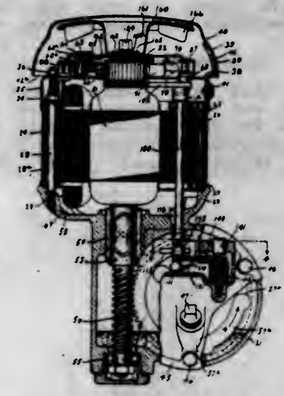
1. A wind motor including a drum formed with a plurality of partitions defining pockets extending from near the center thereof to substantially the periphery thereof and wings freely hinged at the outer ends of the partitions, those of said wings moving in direction opposed to the wind being closed by the pressure of the wind.

1,578,836. SCOOTER. ALLIE L. LANE, Sparland, Ill. Filed Aug. 3, 1925. Serial No. 47,828. 1 Claim. (Cl. 208—35.)



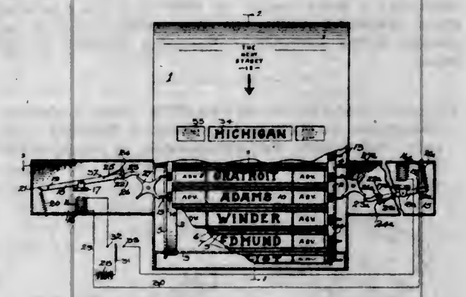
In a device of the class described, a frame, a steering wheel at the front and a driving wheel at the rear, comprising two opposed disk members and an axle support therefor, a pedal pivoted to the frame portion and a driving means between the pedal and rear wheel comprising a plate member rotatably attached to the axle at a point between the disk members, a friction cable member engaging throughout a considerable portion thereof the outer edge of the plate member, said cable being attached at one end to the frame portion and at the other end to the pedal member, a coil spring for tensioning said cable member and a clutching mechanism between the plate member and the axle permitting forward movement of the device by depression of the pedal member.

1,578,837. REVERSIBLE MOTOR. RALPH L. LEE, Dayton, Ohio, assignor to Delco-Light Company, Dayton, Ohio, a Corporation of Delaware. Filed Mar. 13, 1924. Serial No. 698,834. 8 Claims. (Cl. 172—240.)



1. In a motor and control therefor, in combination, a stator; a rotor; a motor reversing mechanism; a housing for the stator, rotor and reversing mechanism; an oil reservoir; and control apparatus for the reversing mechanism located within the oil reservoir, said apparatus including means actuated by said rotor and means connected with the reversing mechanism for actuating the same and adapted to be set in motion by said first means and operative independently of said first means after a predetermined movement thereof.

1,578,838. INDICATOR. SAMUEL MAGED, Detroit, Mich. Filed Aug. 29, 1925. Serial No. 53,250. 5 Claims. (Cl. 40—55.)



1. In an indicator, the combination of a casing, endless runways mounted in said casing, an endless carrier having projecting members on each side, rollers mounted on said members, said rollers being adapted to move along said runways, a lateral projection on each side of said casing, a sprocket mounted in each projection, said sprockets being adapted to engage said members and move the carrier round the runway, and means for turning the sprockets.

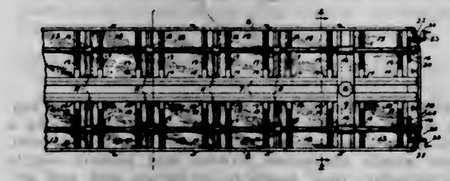
1,578,839. MANIFOLD FOR INTERNAL-COMBUSTION ENGINES. ORVAL DOUGLAS MAPLE, Pekin, Ill. Filed Mar. 27, 1925. Serial No. 18,746. 4 Claims. (Cl. 123—52.)

4. In an exhaust manifold for an internal combustion engine, a conduit having a passage increasing in cross sectional area from one end of said conduit toward the discharge end thereof, spaced baffle plates stationed in said passage, there being a port leading into each space between said baffle plates, said passage between the position of the said baffle plates and the discharge end



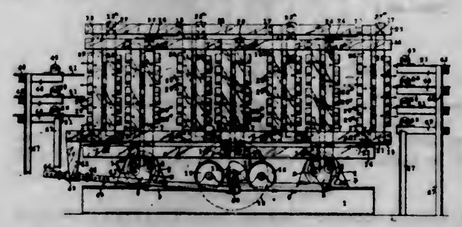
of the conduit being reduced in cross sectional area from the zone having the ports, and a series of baffle plates stationed therein having opening alternating in position whereby to provide a tortuous path for the discharge of gases.

1,578,840. DROP-BOTTOM STOCK CAR. ALONZO C. MATHER, Chicago, Ill. Filed Sept. 19, 1923. Serial No. 663,632. 6 Claims. (Cl. 105—296.)



1. In a device of the class described, floor doors hinged to the car frame, a compound shaft arranged below the free ends of the doors comprising a plurality of sleeves locked together to turn in unison and a center rod, arms mounted on said shaft to turn therewith and to have their free ends engage the lower sides of the doors and means for rotating said shaft to raise and lower the doors.

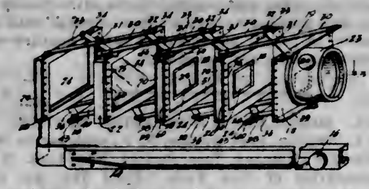
1,578,841. PROGRESSIVE PLATE DRIER. LOUIS G. MERRITT, Lockport, N. Y. Filed July 15, 1921. Serial No. 484,903. 63 Claims. (Cl. 34—16.)



26. In a drier, in combination, a plurality of juxtaposed batteries each having superposed platens, means for mounting one of said batteries in stationary position, means for mounting a battery for lateral travel at either side of said one battery, means for supporting the material to be treated adjacent said laterally traveling batteries, and means whereby the platens of said traveling batteries grip the material to feed the same into the drier.

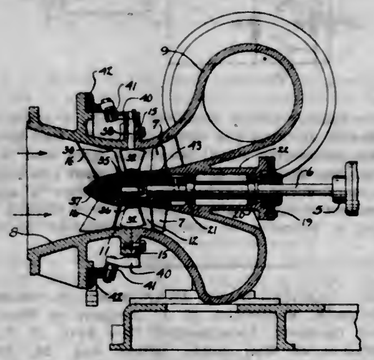
1,578,842. CAMERA ATTACHMENT. GEORGE A. MITCHELL, Hollywood, Calif., assignor to Mitchell Camera Corporation, a Corporation of California. Filed Aug. 17, 1921. Serial No. 493,170. 4 Claims. (Cl. 88—1.)

4. A camera shade, comprising an extensible frame composed of a plurality of frame sections constructed and arranged to extend equally with each other when the frame is extended, and proportionately at all times with the extension of the whole frame, a plurality of apertured plates mounted one on each section of the frame, whereby in the expansion of the frame the plates main-



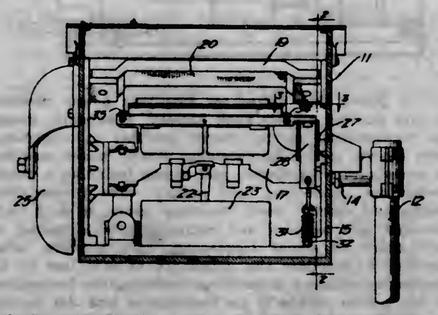
tain equi-spaced relation, and the apertures in the several plates increasing regularly in size from one end of the frame to the opposite end.

1,578,843. PUMP AND METHOD OF REGULATING THE SAME. LEWIS FERRY MOODY, Philadelphia, Pa. Original application filed July 3, 1919, Serial No. 308,607, Patent No. 1,460,428, dated July 3, 1923. Divided and this application filed Jan. 2, 1923. Serial No. 610,096. 26 Claims. (Cl. 103—89.)



1. In a pump the combination with a rotary impeller, of an inlet directing the inflow to said impeller with the meridian components of the velocity substantially parallel to the axis, and movable guide vanes regulating the flow through said inlet, all of said guide vanes being linked to a single operating ring to be similarly adjusted thereby, said movable guide vanes turning on axes intersecting at the axis of said operating ring.

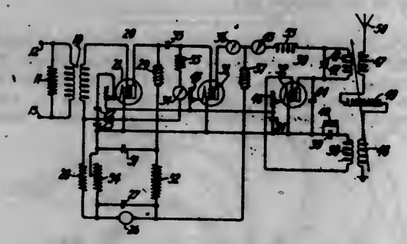
1,578,844. BRAKE FOR WIGWAG SIGNALS. MARK S. MORSE, Los Angeles, Calif., assignor to Magnetic Signal Co., a Corporation of California. Filed Jan. 25, 1923. Serial No. 615,421. 4 Claims. (Cl. 172—126.)



1. In a traffic signal, the combination of: an armature; electro-magnets for reciprocating said armature; a brake member; a connector for transferring the recip-

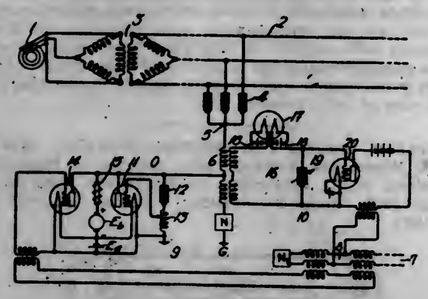
rocation of said armature to said brake member, whereby said brake member will normally inhibit movement of said armature; and auxiliary armature means associated with said connector and adapted to be attracted by the magnetic flux induced by current flow through said electro-magnets, to permit movement of said armature when said electro-magnets are energized.

1,578,845. MODULATION-INDICATING SYSTEM. EDWARD L. NELSON, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Jan. 16, 1924. Serial No. 686,473. 8 Claims. (Cl. 250—17.)



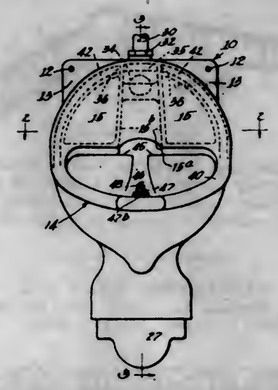
1. In a radiant energy signaling system, a space discharge device, an input and output circuit for said device, means for impressing signal potentials upon said input circuit, a space discharge device having input and output circuits, said devices cooperating to produce a signal modulated wave, and means included in said circuits for indicating a plurality of different conditions in said system.

1,578,846. CARRIER-WAVE TRANSMISSION. HAROLD W. NICHOLS, Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 24, 1921. Serial No. 495,100. 2 Claims. (Cl. 179—2.)



1. A power line, means for supplying power currents to said line for transmission thereby, a network, means for transmitting carrier waves modified in accordance with speech, means for receiving carrier waves modified in accordance with speech, and means including a transformer for connecting said carrier wave transmitting means and carrier wave receiving means to both said line and said network and conjugately with respect to each other at signal frequencies, said network being designed to simulate the impedance of said line at all frequencies within a given range including the frequencies of the carrier waves to be transmitted and not including the frequencies of said power currents, whereby high voltages are prevented from being established at the winding of said transformer.

1,578,847. URINAL. JOHN K. PENNINGTON, Los Angeles, Calif. Filed Jan. 10, 1922. Serial No. 528,192. 6 Claims. (Cl. 4—102.)



1. The combination with a primary flushing water supply means, a urinal having a bowl, said bowl having a back wall, a secondary flushing tank above said bowl, water supply connection between said primary supply and secondary tank, means in connection with said primary supply and secondary tank and bowl to effect a primary flushing of the bowl, means in connection with said secondary tank to effect a protracted flushing of the bowl continuing after said primary flushing, and means in connection with the back wall of the bowl to distribute said secondary flushing over its surface.

1,578,848. ORIFICE CAP. FRANK E. RICE, Detroit, Mich., assignor to American Tap Bush Co., a Corporation of Michigan. Filed May 20, 1922, Serial No. 562,299. Renewed Aug. 29, 1925. 6 Claims. (Cl. 220—40.)



1. A closure cap for an orifice comprising a pair of relatively rotational sections, one of said sections having a pair of grooves with entrance notches, one wall of each groove being beveled at its inner end, the other section having lugs beveled upon one surface for cooperating with the beveled walls of said grooves and adapted for insertion through said notches, and means for frictionally clamping said sections together against relative rotation.

1,578,849. WASHBASIN. ALFRED ROGERS, Milton, Mass. Filed Oct. 22, 1919. Serial No. 332,538. 2 Claims. (Cl. 4—170.)

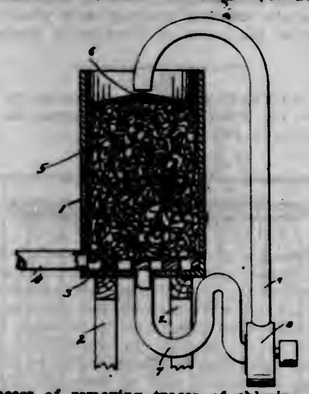
1. The combination with a pair of supporting brackets, each having a flat tapering upright of sufficient thinness to lie against the front face of the wall studs and be concealed by the finish of the wall, and a single integral

arm extending from the lower portion thereof, of a hollow slab, said arms and the lower wall of said slab having registering apertures, and fastening means passed



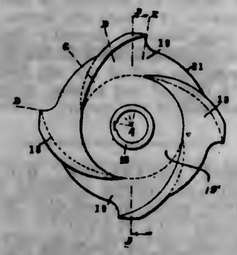
through said apertures and securing said slab and said arms together, said means lying between the horizontal planes of the top and the bottom faces of said slab.

1,578,850. PROCESS OF REMOVING TRACES OF CHLORINE FROM AIR. LUDWIG ROSENSTEIN, San Francisco, Calif. Filed Apr. 19, 1923, Serial No. 63,254. Renewed Aug. 31, 1925. 1 Claim. (Cl. 23—4.)



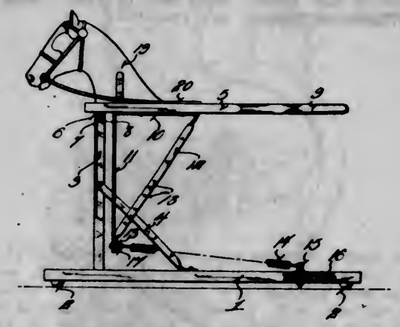
A process of removing traces of chlorine from gases which comprises passing the gas to be treated over a body of scrap iron and keeping said body of iron wet with a ferrous chloride solution during the passage of the gas.

1,578,851. CENTRIFUGAL PUMP. BERNARD SAMELSON, Seneca Falls, N. Y., assignor to Goulds Manufacturing Company, Seneca Falls, N. Y., a Corporation of New York. Filed Apr. 11, 1924. Serial No. 705,768. 14 Claims. (Cl. 103—115.)



1. In a double suction centrifugal pump, an impeller including a hub and web extending radially from the hub to provide a pair of intake chambers in opposite side faces of said impeller, said web being distorted at a distance from the hub to form a plurality of blades and to provide a plurality of similar channels defined by said blades and communicating alternately with one and with the other of said chambers, said channels being disposed in staggered relationship.

1,578,852. JUMPER. ANTON W. SCHMUTZER, Crandon, Wis. Filed Oct. 17, 1925. Serial No. 63,072. 2 Claims. (Cl. 272—55.)



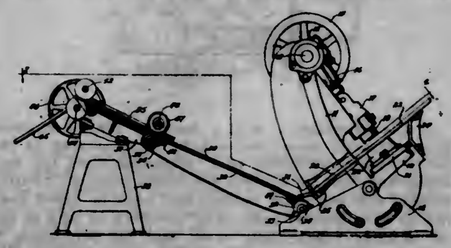
1. A device of the class described comprising a base having a plurality of apertures adjacent its rear end, uprights carried by said base adjacent its forward end, a beam pivoted between said uprights and having a downwardly extending arm, said arm being of triangular construction, a spring having its forward end secured to said arm, and a bolt attached to the rearward end of said spring and adapted for insertion into any one of the apertures in said base.

1,578,853. RING CONSTRUCTION. ISIDORE SCHNEIDERMAN, Brooklyn, N. Y. Filed Oct. 6, 1925. Serial No. 60,728. 1 Claim. (Cl. 63—15.)



A finger ring construction comprising a shank, a hollow top piece having a slot at one end thereof, a reduced loop portion on the shank adapted to pass through the slot to form a hinge, and a spring latch at the opposite end for maintaining the ring in closed position.

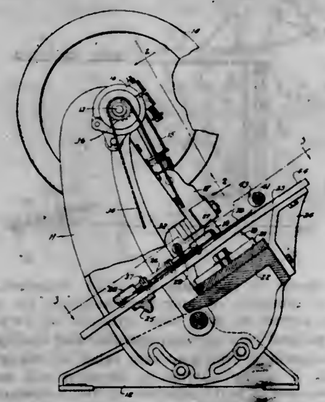
1,578,854. COMBINED PRESS AND WASTE-REMOVING SLITTER. JOSEPH W. SCHOENDELEN, Ogden, Utah, assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 19, 1923. Serial No. 675,458. 4 Claims. (Cl. 164—10.6.)



1. The combination of a press adapted to cut circular articles from metal sheets, and sheet metal cutting means

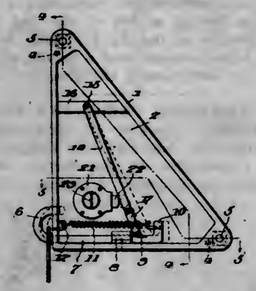
for cutting out scrap portions from the intermediate part of said sheets to make the separated parts of the sheets practicable for handling, and mechanism operating said press and said cutting means in timed relation.

1,578,855. SHEET-GAUGING DEVICE FOR PRESSES. JOSEPH W. SCHOENDELEN, Ogden, Utah, assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 19, 1923. Serial No. 675,459. 4 Claims. (Cl. 164—117.)



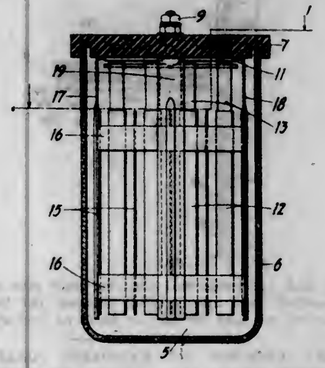
1. A sheet gauging device for presses and the like, comprising a rotatable element arranged longitudinally of the path of travel of the sheets and having a plurality of projections thereon adpated to be successively disposed in sheet obstructing position during the rotation of said element, a transverse shaft having a cam to bear intermittently on the tops of the sheets, and means connecting said transverse shaft and rotatable element for operation in timed relation to each other.

1,578,856. CHECK LOCK. ULYSSES SIDNEY SHOEMAKER, Princewick, W. Va., assignor to Geo. W. Williams, Beckley, W. Va. Filed Nov. 28, 1924. Serial No. 752,828. 7 Claims. (Cl. 40—15.)



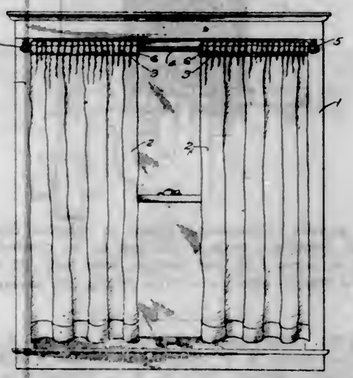
7. The combination with a dumping car, of a check holder therefor comprising a lock casing secured to the car, a check supporting hook projecting from the lock casing and movable to open and closed positions relative thereto, and means for holding said hook in closed position so as to prevent removal of the check so long as the car remains substantially level, and for permitting it to be moved to open position when the car is tilted.

1,578,857. ELECTRODE FOR ELECTROLYTIC CELLS. HUMPHREYS O. SIEGMUND, West Orange, N. J., and BEN ELI BROWN, New York, N. Y., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 21, 1923. Serial No. 658,522. 4 Claims. (Cl. 175—315.)



1. An electrode for electrolytic cells composed of aluminum and other material in such proportions as to be substantially non-film forming, said other material being inert to the action of film-forming electrolytes.

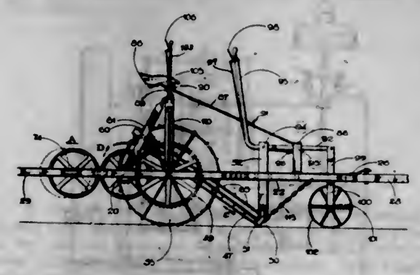
1,578,858. CURTAIN FIXTURE. MARGARET H. SMYTHE, Evanston, Ill. Filed Oct. 20, 1920. Serial No. 418,252. 5 Claims. (Cl. 156—20.)



2. The combination with a curtain having a loop at its top and a curtain rod disposed in said loop and supporting the curtain, of a wire clip having portions intermediate its ends disposed partially around and frictionally engaging opposite sides of the curtain rod, said curtain engaging one end of the clip holding the latter at an angle to the rod and holding the greater part of the clip in the loop of the curtain.

1,578,859. SOIL PULVERIZER. WILLIAM STEPHEN SNIDER, Chilliwack, British Columbia, Canada. Filed Sept. 27, 1922, Serial No. 590,815. Renewed Nov. 5, 1925. 2 Claims. (Cl. 97—10.)

1. An implement of the character described, comprising a wheeled frame, a conveyor carried thereby, means for actuating the conveyor, a conveyor platform disposed beneath the conveyor, means for elevating the forward extremities of the conveyor and platform independently of each other, the lower end of said platform being



bent to form a scoop, a yielding means bearing on the shaft at the lower end of the conveyor, and a conveyor-regulator member depending from the said frame.

1,578,860. STARTING MECHANISM FOR ALTERNATING-CURRENT MACHINES. JOSEF SOUSEDIK, Vsetin, Czechoslovakia, assignor of one-third to Robert Suczek, Philadelphia, Pa. Filed Sept. 16, 1922. Serial No. 588,740. 3 Claims. (Cl. 172—279.)



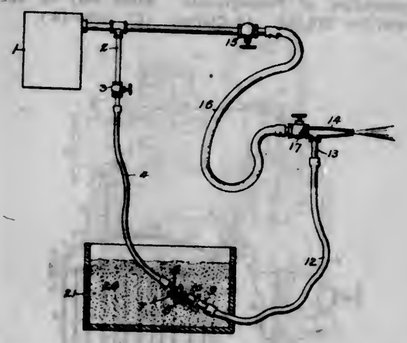
2. The combination with a rotor, of controlling mechanism rotatable therewith comprising switching mechanism controlling the rotor circuit, a plurality of magnetizable members movable away from the axis of rotation under the influence of centrifugal force controlling said switching mechanism, an element of said switching mechanism controlled by each of said magnetizable members, means traversed by rotor current for producing a field acting on said magnetizable members in opposition to centrifugal force, the air gaps of said magnetizable members being so related to each other that said members move outwardly from the axis of rotation in succession.

1,578,861. COMPOSITE WALL AND METHOD OF CONSTRUCTING SAME. HARRY E. SQUIRE, Oakland, Calif. Filed June 12, 1924. Serial No. 719,463. 12 Claims. (Cl. 61—49.)



1. The method of constructing a wall which consists in securing an abutment support in position, placing an abutment member in adjustable relation with said abutment support, adjusting the position of said abutment member relative to said abutment support to a position where one face of said abutment will engage an end portion of a wall member, and then securing said abutment member in the latter position.

1,578,862. SAND-BLAST APPARATUS. JOSEPH H. STALEY, Columbus, Ind. Filed Apr. 9, 1924. Serial No. 705,174. 2 Claims. (Cl. 51—8.)



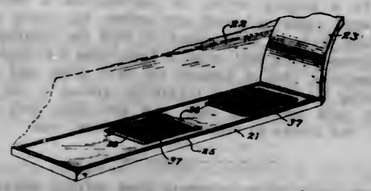
1. In a device for the purposes specified, a pipe open at one end, a nozzle, and means for maintaining the nozzle in aligned relationship with the pipe such as to leave a substantially unobstructed space for the entrance to the pipe from all directions of loose surrounding material.

1,578,863. FOOT SCRAPER FOR AUTOMOBILE RUNNING BOARDS. FRANK H. STANWOOD, Wilmette, Ill., assignor to Stanwood Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 6, 1924. Serial No. 697,176. 2 Claims. (Cl. 280—164.)



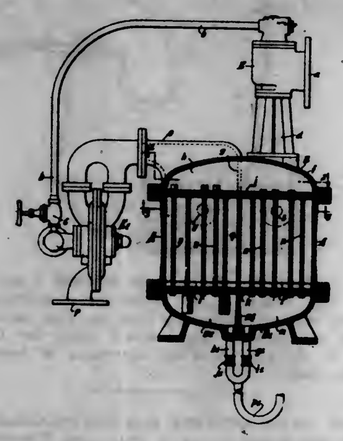
1. A foot scraper for automobile running boards and the like, comprising a two-piece hollow metal member positioned in an opening in the body of the running board and having an upstanding scraper part thereon, the pieces of said member having outwardly extending flanges adapted to engage respectively the upper and lower sides of the running board.

1,578,864. FOOT SCRAPER FOR AUTOMOBILE RUNNING-BOARD TREADS. FRANK H. STANWOOD, Wilmette, Ill., assignor to Stanwood Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 6, 1924. Serial No. 697,177. 3 Claims. (Cl. 280—164.)



1. A foot scraper insert for automobile running board step treads, comprising a two-part hollow member adapted to be positioned in an opening in the tread and running board and providing flanges for engaging respectively the top of the tread and the bottom of the running board, said member being formed with an upstanding scraper edge.

1,578,865. FLUID-COMPRESSING APPARATUS. ROBERT SUCHER, Philadelphia, Pa., assignor to C. H. Wheeler Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 8, 1920. Serial No. 379,717. 43 Claims. (Cl. 230—13.)



1. The combination with an ejector, of condenser structure into which said ejector discharges comprising a plurality of groups of tubes serially related conducting the ejector discharge, and a plurality of independent cooling water passes for cooling different tube groups.

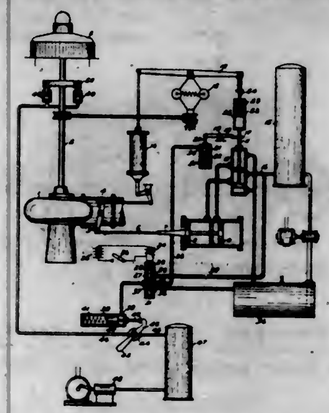
1,578,866. LOCKING DEVICE AND TOOL. DONALD B. SWAIN, Millers Falls, Mass., assignor to Millers Falls Company, Millers Falls, Mass., a Corporation of Massachusetts. Filed July 11, 1923. Serial No. 650,830. 9 Claims. (Cl. 145—53.)



9. In a locking device, in combination, a pair of ring-shaped cams arranged one within the other with their cam faces in engagement so that the rotation of the outermost cam will cause a transverse movement of the innermost cam, a support for said cams, said support being formed with a transverse groove, a pin carried by said innermost cam and extending into said groove, and means to rotate said outermost cam.

1,578,867. CONTROL SYSTEM FOR PRIME MOVERS. CHARLES B. TAYLOR, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed June 18, 1924. Serial No. 720,744. 7 Claims. (Cl. 192—3.)

1. In a control system for a prime mover, a gate for controlling the admission of operating fluid to said prime mover, a governor responsive to the speed of said prime mover for controlling said gate, means for robbing said governor of control of said gate and for causing said gate to close, a brake for said prime mover, means for



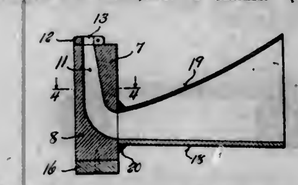
applying said brake, and common means for controlling said means for robbing said governor of control and said brake-applying means.

1,578,868. FOOT FUEL CONTROL FOR MOTOR VEHICLES. WALTER H. THOMAS, Spencer, Iowa. Filed Jan. 25, 1926. Serial No. 83,601. 4 Claims. (Cl. 74—39.)



1. In a fuel control structure for motor vehicles, a throttle actuating rod, a stop thereon, a foot actuatable operating device, a rod pivoted thereto and to said first rod, a member slidably mounted on the first rod, and a spring connecting said foot actuatable device and said member and tending to hold the member and the stop together.

1,578,869. ANTIVIBRATING HORN. WILLIAM H. THOMMEN, Plymouth, Wis., assignor to Plymouth Radio and Phonograph Co., Plymouth, Wis. Filed Oct. 4, 1924. Serial No. 741,588. 3 Claims. (Cl. 181—27.)



1. The method of making the neck portions of horns comprising cutting an elongated rectangular block longitudinally along diverging planes to provide a central wedge and two outer wedges, sawing the central wedge along two diverging, longitudinally extending lines to provide front and rear portions, removing the material enclosed between said lines, and securing the front and rear members between the side members.

1,578,870. SPOOL OR BOBBIN. EDWARD J. THOMSON, Quincy, Mass., assignor to Summit Thread Company, East Hampton, Conn., a Corporation of Maine. Filed Oct. 27, 1924. Serial No. 746,043. 3 Claims. (Cl. 112—251.)



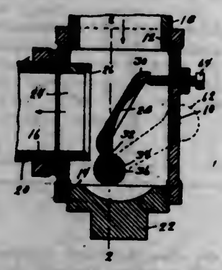
1. A shuttle bobbin comprising a spool including a tubular core, annular heads having central orifices receiving the ends of the core, and tongues integral with the heads and projecting inwardly therefrom, said tongues bearing on the external surface of the core between the heads; and a thread mass wound on the core between the heads and clamping the tongues against the external surface of the core.

1,578,871. RAIL JOINT. CHARLES M. TRUNDLE and EDGAR T. MILLS, Millville, W. Va. Filed Dec. 19, 1924. Serial No. 756,965. 2 Claims. (Cl. 238—251.)



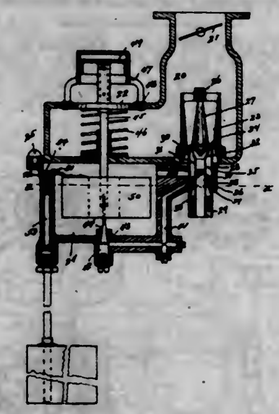
1. A rail joint fastening consisting of a stud having a medial cylindrical enlargement and similar heads at opposite ends, the inner faces of the heads being parallel and reversely inclined.

1,578,872. AUTOMATIC SHUT-OFF VALVE. ALBERT J. WALSH, West Springfield, Mass. Filed Apr. 14, 1925. Serial No. 23,074. 8 Claims. (Cl. 251—126.)



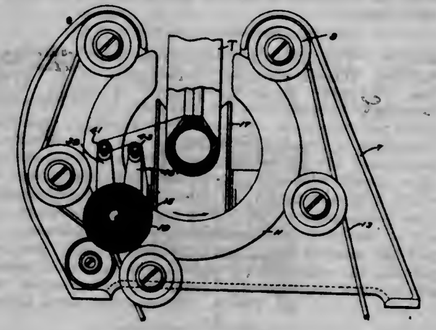
5. An automatic shut-off valve comprising a casing having inlet and outlet openings, a third opening opposite one of said openings, a removable closure for said third opening, a valve clapper disposed within and having a pivotal support in said casing and extended upwardly from said pivotal support into a position in which it is adapted to close said outlet opening by abnormal fluid pressure and biased by its weight for movement away from said outlet opening when in normal open position, and means to support said clapper normally in open position, and adapted to vary the open position thereof, comprising a member having an adjustable screw-threaded connection with and extended into said casing immediately beneath the inlet opening and in position to engage the upper portion of said clapper.

1,578,873. CARBURETOR. HORACE H. WELCH, Detroit, Mich., assignor to Edna V. Gustafson, Chicago, Ill. Filed Dec. 8, 1916. Serial No. 135,723. 12 Claims. (Cl. 261—72.)



1. A carburetor comprising a casing, an anterior valve for restricting the flow of air into said casing, a pair of Venturi tubes leading into said casing, a fuel supply reservoir, one of said Venturi tubes having a suction port leading to said reservoir at a point below the fuel level thereof, the other of said Venturi tubes having a suction port leading to said reservoir at a point above the fuel level thereof.

1,578,874. DISPENSING MATERIAL FROM ROLLS. WILLIAM M. WHEILDON, Framingham, Mass., assignor to Edward H. Angier, Framingham, Mass. Filed Feb. 21, 1925. Serial No. 10,854. 18 Claims. (Cl. 242—75.)



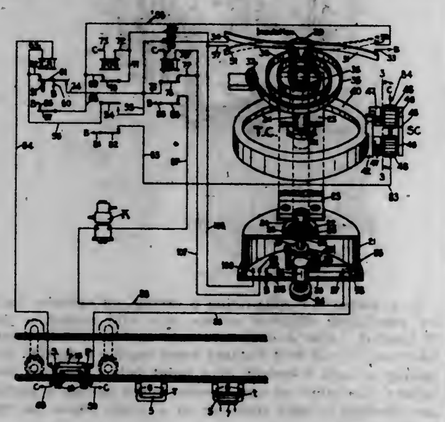
1. A tension mechanism for material in rolls comprising a split cylinder adapted to serve as a spindle for the roll and tending when constricted to expand again to grip the roll and means for constricting the same comprising an arm acting on a portion of the perimeter and having a bearing for the material leading from the roll.

1,578,875. RUBBER COMPOSITION AND METHOD OF MAKING THE SAME. WILLIAM B. WIEGAND, Montreal, Quebec, Canada. Filed June 16, 1922. Serial No. 568,886. 8 Claims. (Cl. 106—23.)

1. The process of treating rubber with from sixty (60) to one hundred (100) parts by weight of carbon or lamp black to each one hundred (100) parts by weight of crude rubber together with the necessary vulcanizing agents.

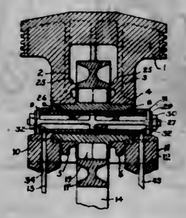
8. An article of footwear including sole and upper portions and consisting of rubber compound containing as an essential ingredient between fifty (50) and one hundred (100) parts by weight of carbon black to each one hundred (100) parts of rubber in the compound.

1,578,876. TRAIN CONTROL. CHARLES S. BUSHNELL, Rochester, N. Y., assignor to General Railway Signal Company, Gates, N. Y., a Corporation of New York. Filed Oct. 9, 1922. Serial No. 593,374. 23 Claims. (Cl. 246—63.)



12. A speed control system of the character described comprising, in combination with brake control apparatus on the vehicle including a time interval device of the balance wheel type, of means partly on the vehicle and partly on the track and cooperating through an intervening air gap for imposing control influences on said vehicle in succession dependent on the distance of travel of said vehicle.

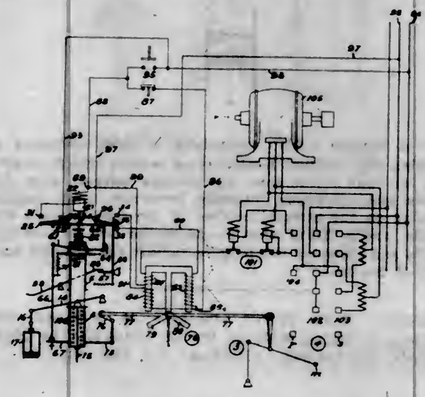
1,578,877. PISTON CONSTRUCTION FOR CAM ENGINES. HAROLD CAMINEZ, Farmingdale, N. Y. Filed Dec. 14, 1925. Serial No. 75,281. 14 Claims. (Cl. 74—108.)



1. In a cam engine having link connected pistons cooperating with a central cam, in combination, a piston, a piston pin therefor, a plurality of members on said pin, to which the links are attached, and means for attaching said members rigidly together so that they may oscillate in unison about the piston pin axis.

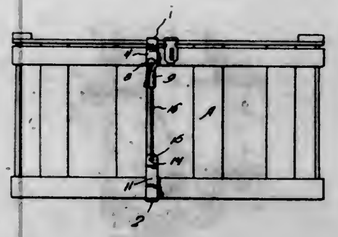
1,578,878. ELECTROMAGNETIC SWITCH MECHANISM. HERBERT W. CHENEY, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Feb. 9, 1921. Serial No. 443,499. 15 Claims. (Cl. 172—280.)

1. In combination with a motor controller of the type having electromagnetically actuated means for connecting a motor in starting relation to a source of supply and for connecting it in running relation to said supply, of self-contained means comprising operatively assembled elements mounted on a common support and detachably associated with said controller for causing said electromagnetically actuated means to automatically connect said motor in starting relation for a predetermined time and then to connect it in running relation.



11. In an automatic controller of the type having a first-position control coil and a second-position control coil, a switch for controlling said first-position coil, a coil connectible in shunt to said control switch, a switch in said shunt circuit, a switch for transferring energization from said first-position to said second-position coil, and a single armature actuable by said shunt coil for controlling both said shunt switch and said transfer switch.

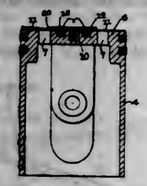
1,578,879. SAFETY STRAP FOR SHIPPING CRATES. EDWARD W. CRABTREE, Hillsboro, N. C., assignor of one-half to N. W. Brown, Orange County, N. C. Filed June 27, 1925. Serial No. 39,940. 1 Claim. (Cl. 217—66.)



A device of the class described including a U-shaped strap member, link members pivotally engaged with the terminals of said strap member, a second U-shaped strap member having one terminal pivotally engaged with one link member, and its other terminal formed in a sleeve and provided with an aperture so that the other link member may be inserted through the sleeve and through the aperture and then bent over upon itself.

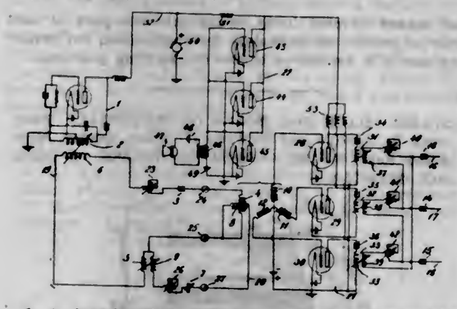
1,578,880. COMPRESSOR. EDWARD R. DE LUIZ, Flint, Mich., assignor to Copeland Products, Inc., Flint, Mich., a Corporation of Michigan. Filed Apr. 30, 1924. Serial No. 710,134. 5 Claims. (Cl. 230—34.)

1. In a compressor, in combination, a piston having a port in its head, a block at one side of said port, a metal flap hinged to said block upon an axis parallel to the head, a clamping member engaging said block and having a part projecting over said flap and adapted to permit limited opening thereof, and means for securing



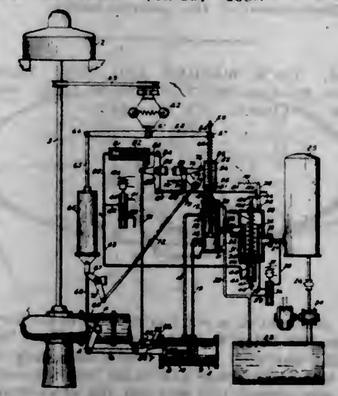
said member and block to the piston head, the hinge parts being loosely fitted whereby the flap may seat itself freely.

1,578,881. POLYPHASE-CARRIER-CURRENT BROADCASTING SYSTEM AND GENERATOR. ROBERT D. DUNCAN, Jr., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y., a Corporation of Delaware. Filed Jan. 9, 1925. Serial No. 1,374. 4 Claims. (Cl. 179—2.)



1. A broadcasting system comprising a poly-phase electric power transmission line, a source of poly-phase high frequency carrier current connected to said power transmission line, means for modulating said carrier current in accordance with signals to be transmitted over said power transmission line, and receiving apparatus responsive to the modulated carrier current and operative to reproduce said signals, said receiving apparatus being connected to said power transmission line.

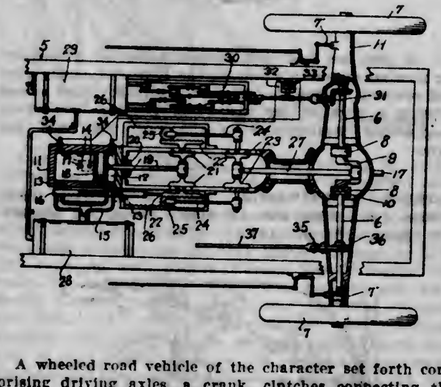
1,578,882. PRIME-MOVER CONTROL SYSTEM. RALPH H. EARLE, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed July 31, 1924. Serial No. 729,223. 20 Claims. (Cl. 137—158.)



1. In a system for starting a prime mover, a gate for admitting operating fluid to said prime mover, means for operating said gate at a normal rate and at a slower rate, means for holding said gate in closed position, means for causing said operating means to apply force to said gate toward gate-closed position when said gate is in closed position, means for releasing said holding means, and means for then causing said operating means to operate said gate at said slower rate.

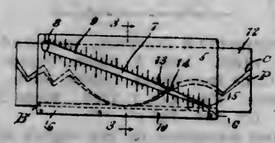
5. In a control system for stopping a prime mover, a gate for admitting operating fluid to said prime mover, means for operating said gate, a single control element for controlling the supply of power to said operating means, and means for preventing said control element from entirely cutting off the supply of power until said gate is closed.

1,578,883. VEHICLE PROPELLING MEANS. MARSHALL A. ESTES, Estes, Va. Filed Sept. 15, 1924. Serial No. 737,769. 1 Claim. (Cl. 180—66.)



A wheeled road vehicle of the character set forth comprising driving axles, a crank, clutches connecting the crank to the inner opposed ends of the axles, a motor, a reciprocating piston therein, a piston rod carried by the piston and projecting through one head of the motor, a crosshead connected to the outer end of the piston rod, racks on the opposite ends of the crosshead, movable spur gears meshing with the racks, other racks meshing with the spur gears from diametrically opposite points, a second cross-head, rods connecting the spur gears and second mentioned crosshead, a link connecting the second mentioned crosshead with the crank of the driving axles, a mitre-gear on one of the driving axles, a reciprocating compressor, a mitre-gear carried by the compressor for engagement with the mitre-gear on the driving axle, transmitting means between the compressor and mitre-gear thereof, a fuel storage tank in communication with the compressor, a reciprocating valve connected to the first mentioned crosshead and disposed between the fuel storage tank and motor to admit fuel into the combustion chambers of the motor, and clutches between the driving axles and wheels.

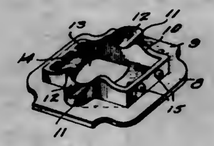
1,578,884. GAUGE FOR MOLDING KNIVES. ALBERT W. FARWELL, Sterling, Mass., assignor to Simonds Saw and Steel Company, Fitchburg, Mass., a Corporation of Massachusetts. Filed Jan. 27, 1925. Serial No. 5,058. 8 Claims. (Cl. 33—185.)



1. A gauge for determining the contour of molding knives of the type adapted to be mounted on the faces of a rotary head with their cutting ends projecting tangentially, characterized by a pattern line and a plotting line

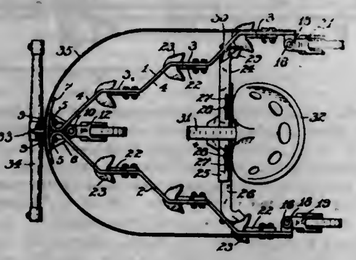
spaced from said line different distances through the length thereof according to the differences between depths of cut and knife projection at different degrees of projection.

1,578,885. CURB BOX AND COCK SUPPORT. JOHN R. FLINN, Johnstown, Pa., assignor to Champion Specialty Company, a Corporation of Pennsylvania. Filed Apr. 11, 1925. Serial No. 22,339. 5 Claims. (Cl. 137—13.)



1. A curb box and cock support including a supporting member engageable beneath the cock of a supply pipe and adapted for the reception of a curb box, and means forming a part of the supporting member to prevent longitudinal displacement of the curb box from the latter.

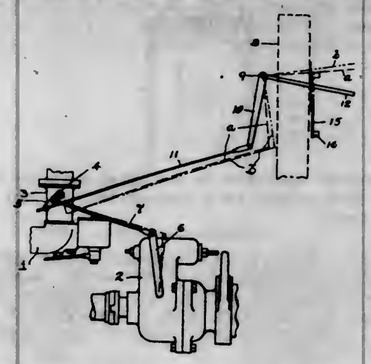
1,578,886. CULTIVATOR. JOHN J. FRAZIER, Rushville, Ind. Filed Dec. 13, 1922. Serial No. 606,568. 1 Claim. (Cl. 97—192.)



In a corn cultivator, the combination with a frame including a pair of side members pivotally connected together at their forward ends and diverging rearwardly, of a transversely extending spacer bar connected to the rear end of each of said frame members, means for varying the length of said bar to vary the space between the rear ends of the frame members, a vertical spindle secured to the front ends of the frame members and a vertical spindle secured to each of the rear ends of the frame members, a castor wheel fork pivotally mounted on each of said spindles and vertically adjustable thereon to permit the bodily vertical adjustment of the frame, cultivators carried by said frame, a riding seat mounted on said spacer bar, and a U shaped shield having its legs extending rearwardly surrounding said frame and extending downwardly to substantially enclose the frame and the cultivators, the legs of the shield being laterally adjustable with the rear ends of the side members.

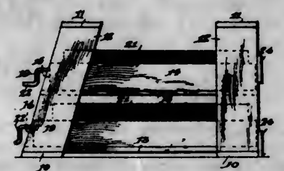
1,578,887. THROTTLE CONTROL FOR GAS ENGINES AND THE LIKE. JOHN T. FROST, Duluth, Minn., assignor to Clyde Iron Works, Duluth, Minn., a Corporation of Maine. Filed Oct. 7, 1924. Serial No. 742,261. 3 Claims. (Cl. 137—140.)

1. In control mechanism for gas engines and the like, the combination with a throttle valve and a governor normally maintaining same in predetermined position; of a manually operable lever connected with said valve, whereby the setting of the latter may be varied optionally to accelerate or decelerate said engine from governor maintained speed, said lever being ordinarily freely movable so as not to affect the operation of said governor;



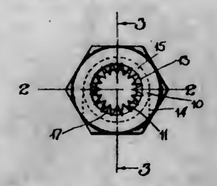
and means adapted to be swung into the path of said lever to prevent its movement for acceleration but permit any one of a number of engine decelerating positions.

1,578,888. RACK FOR ROLLS OF MATERIAL, THEODORE B. GANONO and HOWARD H. MEAD, Quincy, Mich. Filed Sept. 8, 1924. Serial No. 736,583. 1 Claim. (Cl. 211—18.)



A device of the class described comprising vertical terminal frames, guide rails connected at the ends to said frames with their confronting edges in spaced parallel relation, supports for material including vertical sides and ends, said sides slidably engaging said rails, and a longitudinally directed lower member attached at the ends to the vertical ends of the material support and depending below the line of the ends and sides thereof and between said guide rails, said lower member being laterally enlarged at the ends to movably engage the confronting edges of the guide rails, and preventing lateral displacement of the material holder.

1,578,889. LOCK WASHER AND NUT. THOMAS H. HARRIS, Riverton, Ill. Filed Dec. 18, 1925. Serial No. 76,300. 2 Claims. (Cl. 151—14.)



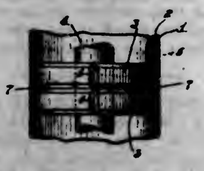
1. In combination a nut having a threaded bore and a recess on its outer face of greater diameter than the bore, said nut also having a slot extending laterally therein between the bore and recess, and a normally flat locking disk slidable into said slot and of annular formation, said disk having bolt engaging teeth on its inner periphery.

1,578,890. MANUFACTURE OF BOOTS AND SHOES. EDWIN REYNOLDS HAYDEN, North Preston, Victoria, Australia, assignor of one-third to Benjamin Thomas Roy Chadd and one-third to William Henry John Bailey, both of Ivanhoe, Melbourne, Australia. Filed Oct. 9, 1924. Serial No. 742,689. 2 Claims. (Cl. 12—42.)



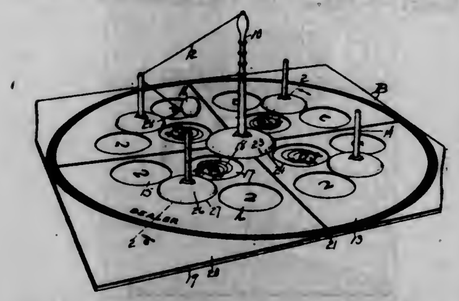
1. A boot or shoe comprising a sole split inwardly along its edge to form a thin marginal lip extending around the fore-part of the sole at its upper surface and terminating near the waist portion thereof, the waist and heel portions of the sole being left intact, and an upper having the lower edge portion of its forward portion inturned within the recess thus formed between said lip and the lower marginal portion of the sole beneath said lip, said inturned portion of the upper being secured between said lip and lower marginal portion of the sole by means of stitches passing through the three superimposed members, and a reinforcing shank disposed within the upper and extending from a point adjacent the ends of said lip to the heel of the shoe, the waist and heel portions of the upper having its lower edge portion turned beneath the shank and secured between the shank and the sole.

1,578,891. DRY CELL. WILLIAM F. HENDRY, Ossining, N. Y., assignor to Manhattan Electrical Supply Company, Incorporated, New York, N. Y., a Corporation of Massachusetts. Filed Dec. 27, 1923. Serial No. 682,930. 4 Claims. (Cl. 136—123.)



1. In a dry cell, two electrodes, depolarizing mix between said electrodes, passageways through said mix, and circular passageways around said mix into which said first mentioned passageways open.

1,578,892. GAME. FRANK P. HOLMAN, Hartford, Conn. Filed Mar. 29, 1924. Serial No. 702,820. 21 Claims. (Cl. 273—97.)



1. A game board divided into field sections, one for each player, a supporting post, a rolling element connected with said post by a flexible connection of a length to enable said element to reach all of said fields, and a pocket located in the upper surface of each of said fields to permit said element to roll into it.

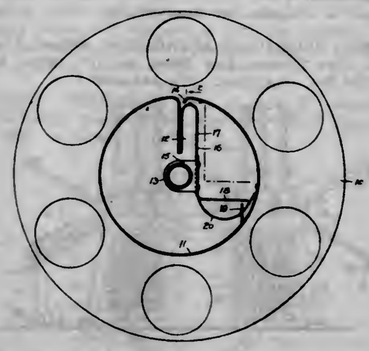
18. A game board comprising a field, a post rising from said field, a ball, a finger projecting from one side of said ball, an obstruction in said field and a flexible connection extending from the end of said finger to the top of said post to impart a gyratory movement to the end of said finger to throw said connection over said obstruction.

1,578,893. TOBOGGAN SLIDE. HENRY O. JOHNSON and FRANK J. RUBBS, Minneapolis, Minn., assignors to Playground & Gymnasium Equipment Co., Minneapolis, Minn., a Corporation of Minnesota. Filed Jan. 18, 1926. Serial No. 82,007. 8 Claims. (Cl. 104—69.)



3. A toboggan comprising a frame formed by longitudinal and transverse bars and a bottom member, said parts being rigidly connected, said side rails having laterally spaced longitudinally extended portions at the wheel mountaings, bearing blocks arranged in pairs and interposed between the laterally spaced portions of said side rails and said bottom member, wheels located between the cooperating bearing blocks and provided with shafts mounted therein, said wheels depending through and below the bottom of the toboggan, and retaining brackets comprising plate-like members applied to the bottom of said toboggan below the corresponding wheel bearings and provided with openings through which the bottoms of the wheels depend, nut-equipped bolts passed through the plates of said brackets, through said bearing blocks and through the overlying laterally spaced portions of said side bars, the plate portions of said retaining brackets having depending lugs engageable with rails to guide the toboggan in its descent on the rails.

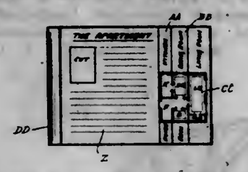
1,578,894. FILM REEL FOR MOTION-PICTURE-PROJECTING APPARATUS. HENRY W. JOY, Crugers-on-Hudson, N. Y. Original application filed Feb. 5, 1924, Serial No. 690,706. Divided and this application filed Nov. 12, 1924. Serial No. 749,891. 2 Claims. (Cl. 242—74.)



1. A reel for motion picture film, comprising a slotted core having a radially disposed wall on one edge of said slot and an inwardly curved lip on the other edge, and means for yieldably engaging the film against the said

wall, said means comprising a loosely mounted member having a wall disposed parallel to said radial wall in the core, and a spring carried by the member and engaged with the core to yieldably press the wall of the member in the direction of the wall of the core.

1,578,895. CHART. AGNES L. JOYCE, New York, N. Y., assignor to Carl Kraft, New York, N. Y. Filed Nov. 1, 1923. Serial No. 672,056. 7 Claims. (Cl. 283—42.)

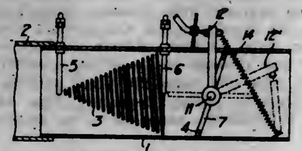


1. Graphical charts consisting of detailed views adapted to be superposed, each of which contain one or more detail elements, said detailed views adapted to be assembled into a unified picture; in which series each detailed view is accompanied by descriptive matter.

1,578,896. STENCIL SHEET. GUY LEONARD, Baltimore, Md. Filed Dec. 17, 1925. Serial No. 76,105. 14 Claims. (Cl. 41—38.6.)

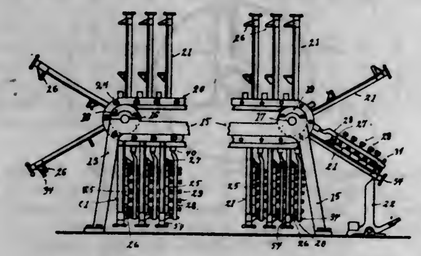
5. A stencil-sheet of loose-fibered paper coated with shellac tempered by aluminum stearate and softened by oil or fatty material.

1,578,897. ELECTRIC AIR HEATER. CARL-OLOV LINDBERG, Stockholm, Sweden. Filed June 11, 1924. Serial No. 719,328. 1 Claim. (Cl. 219—39.)



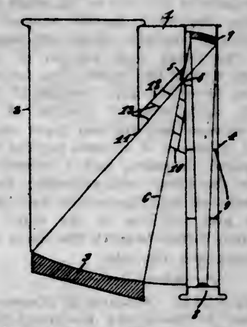
In an air-heater for explosive engines, a tube, a damper in said tube adapted to control the flow of air therethrough, an electric heating coil in said tube, a manually operable switch adapted to control the circuit of said coil and a mechanical connection between said switch and said damper adapted to close the damper at the opening of said circuit.

1,578,898. GLUE-JOINT APPARATUS. GEORGE LITTLEFORD, Fort Thomas, Ky. Filed Apr. 17, 1922. Serial No. 553,590. 3 Claims. (Cl. 144—287.)



1. A glue press apparatus comprising a stock supporting member adapted to support a plurality of stock members to be united side by side, and transversely thereof at a plurality of points of support intermediate of their lengths, a plurality of resiliently energized plungers to independently engage the respective stock members at a plurality of points intermediate of their lengths to press the stock members individually into contact with the stock supporting member, means to support said plungers in relation to the stock supporting member, and means to press the stock members into mutual engagement at their glue points while assembled and under pressure from said plungers to unite said individual stock members into composite stock members.

1,578,899. REFLECTING TELESCOPE. EDWARD LOHMANN, Greenville, Ohio. Filed Feb. 21, 1924. Serial No. 694,360. 8 Claims. (Cl. 88—32.)

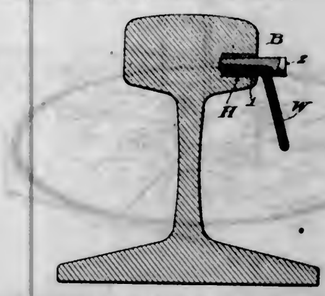


1. In a telescope the combination with separate tubes, an eye piece connected to one of the tubes and an imperforate mirror in the other tube for reflecting an image to the eyepiece, of a diaphragm through which the light cone is projected from one tube to the other, there being an opening in the diaphragm of the same diameter as that portion of the light cone at the opening.

1,578,900. POROUS ARTICLE OF RUTILE AND METHOD OF MAKING THE SAME. SIMON J. LUBOWSKY, Jersey City, N. J., assignor to Metal & Thermit Corporation, Chrome, N. J., a Corporation of New Jersey. Filed Oct. 10, 1923. Serial No. 667,690. 8 Claims. (Cl. 25—156.)

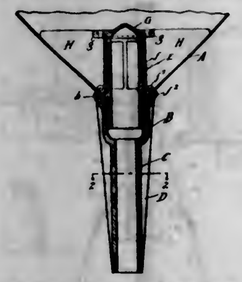
1. A shaped, refractory, chemical-resisting article, formed of crushed rutile, the particles of which are bound together to form a porous body.

1,578,901. RAIL BOND. CHARLES G. MCCAULLEY, Jacksonville, Fla. Filed Sept. 18, 1922. Serial No. 588,971. 5 Claims. (Cl. 173—283.)



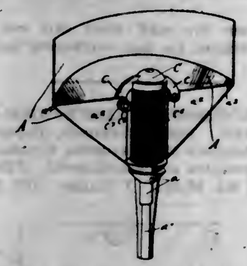
1 A rail head bond including in combination with the rail head having a socket therein, a tapered channel pin, a bond-wire lying in and filling the channel of the pin, and a ferrule fitting the socket and having its inner surface tapered to receive the channel pin and to conform to the taper thereof.

1,578,902. FUNNEL FOR TRANSFERRING LIQUIDS. ROBERT B. MCGOWAN, Cincinnati, Ohio, assignor to John D. Berger, Cincinnati, Ohio. Filed Apr. 2, 1923. Serial No. 629,268. 4 Claims. (Cl. 210,155.)



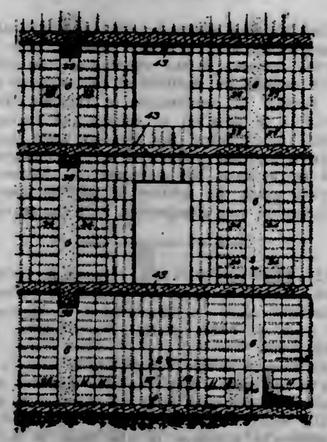
1. In a funnel for transferring liquids, a cage carrying a strainer within said funnel body, and a plurality of baffle plates secured to said cage.

1,578,903. FUNNEL FOR TRANSFERRING LIQUIDS. ROBERT B. MCGOWAN, Cincinnati, Ohio, assignor to John D. Berger, Cincinnati, Ohio. Filed Nov. 2, 1923. Serial No. 672,258. 4 Claims. (Cl. 210—158.)



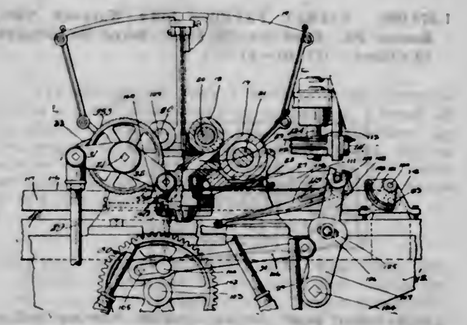
1. In a funnel for transferring liquids, a plurality of baffle plates integral with said funnel, a removable strainer within said funnel and means secured to said baffle plates for holding said strainer in operative position.

1,578,904. BUILDING CONSTRUCTION. JOSEPH J. MOMBS, Washington, D. C., assignor of one-half to Charles F. Carusi, Washington, D. C. Filed Jan. 17, 1925. Serial No. 3,185. 9 Claims. (Cl. 72—1.



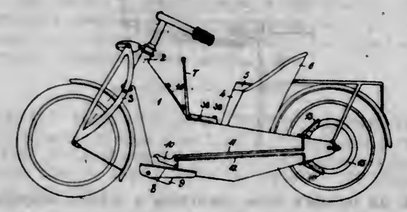
1. A wall construction composed of spaced tile wall sections laid in courses mainly of vertically set tile, the outermost tile of some courses set horizontally, cementitious columns intermediate the wall sections and keyed thereto by the material of said columns entering into the cells of the horizontally set tiles.

1,578,905. DOUGH-DEPOSITING DEVICE. JOEL MOORES, Cincinnati, Ohio, assignor to The J. H. Day Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Dec. 7, 1922. Serial No. 605,412. 10 Claims. (Cl. 107—29.)



4. In a device of the class described the combination of a table, a hopper above the table, a reciprocating die for receiving a plastic from the hopper and for discharging plastic deposits on the table, means to reciprocate the die, means for severing plastic extending between the die and the deposits, and means for vertically adjusting the severing means between the die and the table.

1,578,906. MOTOR CYCLE. EUGENE MARIE MOREL, Brussels, Belgium, assignor to Société Anonyme des Anciens Etablissements Ch. Fondes, Vilvorde, Belgium, a Belgian Company. Filed May 28, 1923. Serial No. 642,074. 6 Claims. (Cl. 180—35.)



1. In a motor cycle, a closed frame of V shaped form composed of laterally U shaped members welded together, a motor and transmission members enclosed by the said frame and disposed so that the cylinder of the motor is pointing downwardly and located in the exterior angle of the V of the frame.

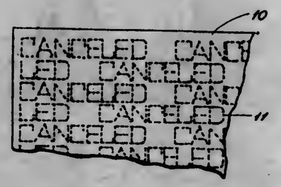
1,578,907. MIRROR RING. ROBERT E. NAUMBURG, Winchester, Mass. Filed Sept. 26, 1925. Serial No. 58,955. 3 Claims. (Cl. 63—2.)



1. A combined ring and hand mirror comprising a finger ring having a seat for a setting, and having as a setting a spherical reducing reflector of which the diameter of

the exposed aperture of the reflector and the effective curvature of its spherical surface are proportioned to each other substantially as one to three, whereby to reflect the head and shoulders of the wearer at a normal reaching distance of the hand from the observing eyes, the reflecting surface being of a customary size for decorative gem settings.

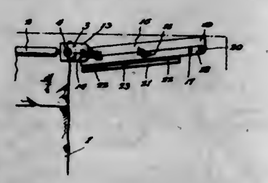
1,578,908. SAFETY PAPER. JOHN WALLACE NEFF, Easton, Pa. Filed Oct. 24, 1923. Serial No. 670,539. 10 Claims. (Cl. 91—67.95.)



1. A safety paper having invisible warning indicia printed thereon with a colorless chemical salt, said indicia being rendered visible when the paper in treated with bleaching agents.

6. The method of making safety paper which consists in printing on the paper invisible warning indicia, which when discernible, would inherently nullify the paper, with a colorless chemical salt.

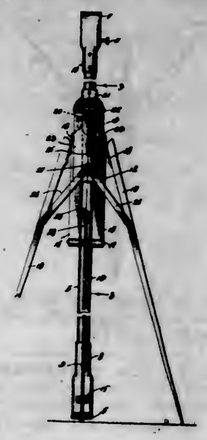
1,578,909. INVALID'S TABLE. CLAUDE M. NEWMAN, Chicago, Ill. Filed July 28, 1925. Serial No. 46,641. 4 Claims. (Cl. 45—82.)



3. An invalid's table comprising a bracket adapted to be secured to a support and extend therefrom, an arm formed of inner and outer sections, said inner section being pivotally connected with said bracket for swinging movement in a horizontal plane and said outer section being pivotally connected with the outer end of the inner section for swinging movement in a horizontal plane from an extended position to a folded position with its free end engaged with and supported by said bracket, and a table top carried by said outer section and movable from an inoperative to an operative position.

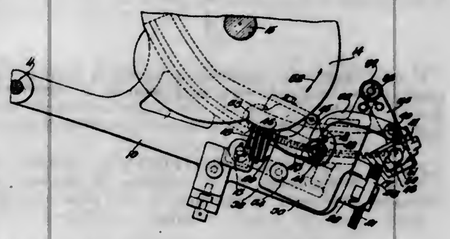
1,578,910. GOLF-BAG HOLDER. JAMES W. NIDLS, Bakersfield, Calif. Filed Nov. 16, 1925. Serial No. 69,497. 7 Claims. (Cl. 150—1.5.)

3. A golf bag supporting stand comprising a staff adapted to hold the golf bag, a pair of legs hinged to the staff for lateral swinging movement toward and away from each other and for forward and rearward swinging movement toward and away from the staff, a rod slidably associated with the lower end of the staff and projecting below the lower end of the latter so as to be engaged with the ground and forced upwardly when the bag and stand are deposited upon the ground, and an operative connection between the rod and the legs embodying a member having its upper end hinged to the staff and having its lower end pivotally connected to the upper end of the rod so as to be swung by the



latter away from the staff when said rod is forced upwardly for swinging the legs rearwardly and spreading the same.

1,578,911. BUNCH-BUILDING MECHANISM FOR SPINNING FRAMES. JONAS NORTHROP, Hopedale, Mass., assignor to Hopedale Manufacturing Company, Milford, Mass., a Corporation of Massachusetts. Filed June 26, 1925. Serial No. 39,682. 7 Claims. (Cl. 242—43.7.)

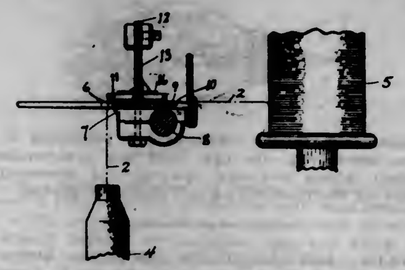


1. Bunch building mechanism for spinning frames having means comprising a lobed traverse cam for controlling the traverse of the winding on the bobbin and means for varying the position of the traverse including a rack, having, in combination, a tumbler, means for supporting it in position to engage the traverse cam, and means for turning the tumbler from inoperative to operative position comprising a part adapted to be actuated by the rack, the movement of the rack in the direction to start the spining of bobbins operating to turn the tumbler into engagement with the traverse cam.

1,578,912. TENSION DEVICE. HENRY A. OWEN, Whitinsville, Mass., assignor to Whitin Machine Works, Whitinsville, Mass., a Corporation of Massachusetts. Filed Sept. 5, 1925. Serial No. 54,658. 1 Claim. (Cl. 242—150.)

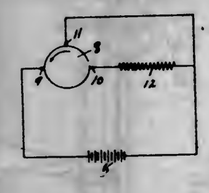
A yarn tension device comprising a base, a circular aperture in the base, a disk rotatably mounted in a bearing concentrically formed with the aperture in said base, a centrally located circular aperture in said disk registering with the aperture in the base, a second disk superimposed on the first disk, a pin whose axis is at right angles to the upper face of the base and offset

from the centre of the aperture in the first disk, a bracket in stationary relation with the base and supporting the pin, the second disk rotatably and slidably mounted



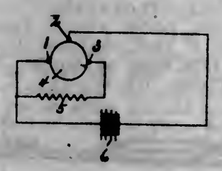
thereon, a notch in the base guiding the yarn between the surfaces of the two disks, and an inclined member to facilitate the threading of the yarn.

1,578,913. GENERATOR. LAURENCE M. PERKINS, Syracuse, N. Y. Filed Oct. 20, 1920. Serial No. 418,181. 7 Claims. (Cl. 171—223.)



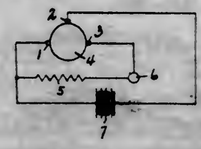
1. The combination with a variable speed generator having a brush substantially on neutral and a brush off its neutral to such an extent that the angle between the two brushes is less than 180 electrical degrees, an external source of E. M. F. connected to said brushes, and a third brush substantially on the other neutral point, of a shunt field connected between the brush which is off neutral and said third brush.

1,578,914. GENERATOR. LAURENCE M. PERKINS, Syracuse, N. Y., assignor of one-half to Owen-Dyneto Corporation, Syracuse, N. Y., a Corporation of New York. Filed Apr. 18, 1922. Serial No. 555,335. 3 Claims. (Cl. 171—223.)



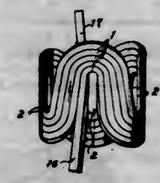
1. The combination with a variable speed generator having a brush substantially on neutral, a brush off its neutral to such an extent that the angle between the two brushes is less than 180 electrical degrees, and an external source of E. M. F. connected to said brushes, of a third brush substantially on the other neutral point, and a shunt field connected across the brushes on the neutral points.

1,578,915. GENERATOR. LAURENCE M. PERKINS, Syracuse, N. Y., assignor of one-half to Owen-Dyneto Corporation, Syracuse, N. Y., a Corporation of New York. Filed June 1, 1922. Serial No. 565,088. 4 Claims. (Cl. 171—228.)



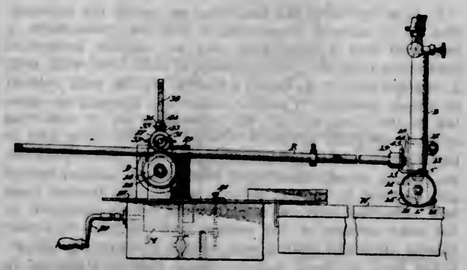
1. The combination with a variable speed generator having a brush substantially on neutral and a brush off its neutral to such an extent that the angle between the two brushes is less than 180 electrical degrees, and an external source of E. M. F. connected to the two before mentioned brushes, of a shunt field circuit, and a device in said circuit for regulating the field current.

1,578,916. FIELD WINDING FOR ELECTRIC MACHINES. LAURENCE M. PERKINS, East Pittsburgh, Pa., assignor of one-half to Owen Dyneto Corporation, Syracuse, N. Y., a Corporation of New York. Original application filed Apr. 13, 1922, Serial No. 552,311. Divided and this application filed Mar. 24, 1925. Serial No. 18,006. 4 Claims. (Cl. 171—252.)



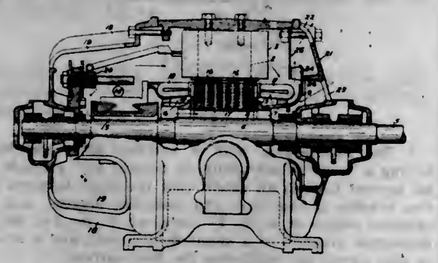
1. The method of manufacturing a field winding for a multi-polar electrical machine comprising forming a conductor into a series of loops and rolling the looped conductor to telescope certain of the loops.

1,578,917. WELDING AND CUTTING APPARATUS. RAYMOND C. PIERCE, New York, N. Y., assignor to The Linde Air Products Company, a Corporation of Ohio. Filed Nov. 5, 1920. Serial No. 421,961. 35 Claims. (Cl. 266—23.)



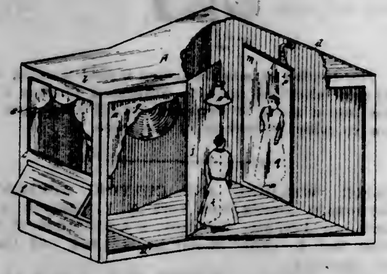
1. In a machine of the class described, the combination of heating means, a carriage solely supported by wheel means and adapted to carry said heating means along a surface to be heated, stationary power means independent of said carriage, and driving connection means between said power means and carriage enabling said power means to effect the movement of said carriage and the heating means thereon along said surface and also enabling said carriage to conform to longitudinal and transverse irregularities of said surface.

1,578,918. DYNAMO-ELECTRIC MACHINE AND METHOD OF VENTILATING SAME. WILLIAM H. POWELL, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Dec. 3, 1920. Serial No. 427,958. 6 Claims. (Cl. 171—252.)



1. In a dynamo-electric machine, an armature, a rear end-turn support having a radial portion and an axial portion said axial portion having openings, a fan carried by said radial portion, a housing for said machine, a baffle extending radially inward from said housing to the front side of said fan and a baffle extending axially inward from said housing to the rear of said fan, said housing having openings radially within said axial baffle communicating with the openings in said end-turn support, and openings between said baffles.

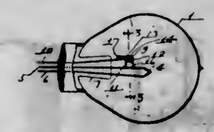
1,578,919. ADVERTISING CABINET. LINVILLE H. QUINN, Sr., and THOMAS G. KLEIN, Terre Haute, Ind. Filed Nov. 11, 1925. Serial No. 68,446. 3 Claims. (Cl. 88—1.)



1. In a device of the character set forth, the combination of a cabinet comprising a top, two side-walls, a back-wall and a front-wall, and an angular projection projecting from the lower portion of said front-wall, with a concave-mirror movably mounted within said cabinet in proper position to project reflections through an opening in the front-wall of the cabinet, a set of reflecting mirrors, properly adjusted relative to each other and in position to reflect reflections upon said concave-mirror, an opaque screen positioned behind said concave-mirror and adapted to conceal objects in the rear thereof from said reflecting mirrors, a plate-glass screen stationed in the rear portion of the cabinet and adapted to reflect objects stationed behind said opaque screen when illuminated from in front and to expose objects stationed in the rear thereof when illuminated from behind the same, all substantially as set forth.

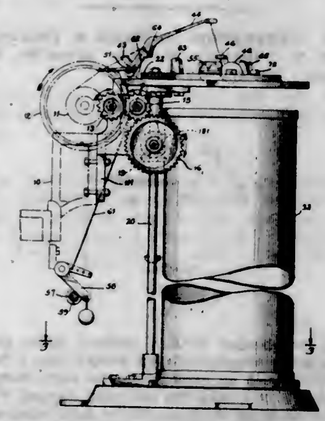
1,578,920. ELECTRIC LAMP. REUBEN D. ROBINSON, Grand Rapids, Mich. Filed Nov. 16, 1923. Serial No. 675,031. 4 Claims. (Cl. 176—34.)

1. In an electric lamp: a translucent globe; an electric-light-producing element within the globe; a second electric-light-producing element within the globe and between said first-mentioned element and the rear of the globe; an opaque light-shield extending between said elements to prevent the light from said second-mentioned



element from shining forwardly but permitting it to shine downwardly, the light from said first-mentioned element shining forwardly, upwardly and downwardly; means for electro-energizing said elements separately.

1,578,921. TEXTILE-COILING MACHINE. EDWIN O. ROE, New Bedford, Mass., and LEONARD P. FRIEDER, New York, N. Y., assignors to National Spun Silk Co., Inc., New Bedford, Mass., a Corporation of Massachusetts. Filed Aug. 1, 1924. Serial No. 729,452. 8 Claims. (Cl. 19—159.)



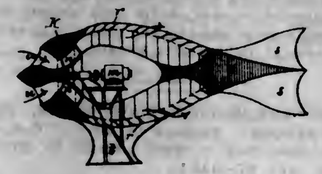
1. In a machine of the class described, the combination with a receptacle, of devices for automatically feeding a sliver and packing it in the receptacle, a support carrying the feeding devices and movable by accumulation of fibers in the receptacle when the capacity of the receptacle is reached, a stop motion element mounted on said support, and cooperating stop motion devices operated by said element when the support is moved by the accumulation of fibers in the receptacle.

1,578,922. FOUNTAIN TOOTHBRUSH. JOSEPH A. SARGEAY, Sherbrooke, Quebec, Canada, assignor of one-half to Forrest W. Lord, Sherbrooke, Quebec, Canada. Filed Jan. 4, 1923, Serial No. 610,659. Renewed Feb. 26, 1926. 3 Claims. (Cl. 15—137.)



1. A fountain tooth brush comprising a handle including a back and a hollow body portion, a bristle section removably inserted in said back, a hollow screw passed through said back and bristle section and having an aperture in a wall thereof, said handle having a channel formed therein connecting said aperture with the hollow body, and a follower slidably mounted in said hollow body.

1,578,923. TURBINE. GEORG ARTHUR SCHLOTTER, Dresden, Germany. Filed Nov. 12, 1921. Serial No. 514,741. 6 Claims. (Cl. 170—125.)



1. In a turbine arranged as suction and fluid current stemming apparatus, the combination with rings arranged one within another, of annular chambers each of which is situated between two adjacent rings and which are outwardly directed with their smallest openings in the shape of nozzles by a decrease of the diameters of the separate rings towards the point of the turbine, said rings increasing in section towards the point mentioned.

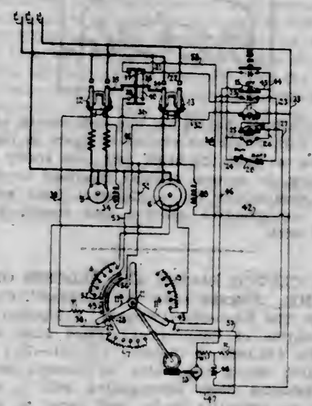
1,578,924. PUMP. ANTHONY SCHROEDER, Cleveland, Ohio, assignor of one-half to James Merle Finney, Cleveland, Ohio. Filed July 29, 1922. Serial No. 578,314. 8 Claims. (Cl. 103—163.)



1. In apparatus adapted for delivering measured quantities of greases and like semi-fluid substances, the combination of a pump cylinder having an inlet port and an outlet port near one end, the inlet port being disposed between the outlet port and the end of the pump cylinder that is adjacent to the said ports, a freely movable inner cylinder within the pump cylinder that is open at the end which is adjacent to the said ports and is formed with a port arranged to register with the outlet port in the pump cylinder when the inner cylinder is moved in one direction and closes the inlet port, and is out of register with the outlet port when the cylinder is moved in the other direction and the inlet port is uncovered, and a piston movable within the said inner cylinder and operating to move it when the piston is operated.

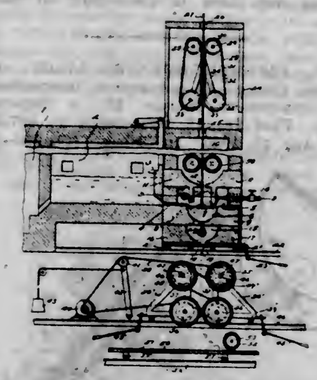
1,578,925. MOTOR CONTROLLER. EDWIN W. SEEGER, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Apr. 10, 1925. Serial No. 22,009. 11 Claims. (Cl. 172—179.)

2. In a two-motor printing press controller, the combination with a small motor to be energized for inching and for starting and a large motor to be energized for running, electroresponsive switches adapted when energized to establish power connections for said motors respectively, push button switches normally interrupting the energizing circuit of said small motor switch and each adapted while depressed to establish said circuit



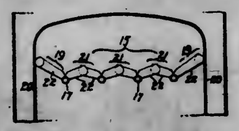
for closure of said switch and means independent of one of said push-button switches but responsive to another when depressed for energizing said large motor switch subject to a delay.

1,578,926. GLASS-MAKING MACHINE. GEORGE A. SHIELDS, Columbus, Ohio. Filed Feb. 19, 1923. Serial No. 619,916. 5 Claims. (Cl. 49—3.)



1. In a glass machine, a flow chamber including a trough for receiving molten glass, a drawing chamber above the flow chamber, a supplemental chamber below the flow chamber, an elevating mechanism mounted above the drawing chamber, said drawing chamber being in communication with the housing to permit sheet glass to be drawn from the drawing chamber for engagement with the elevating mechanism, said trough and supplemental chamber including separable sections for simultaneous movement away from each other to permit glass to flow in a downward direction from the trough and through the supplemental chamber.

1,578,927. ARCH BRICK. CHESTER A. SIEGEL, Arlington, N. J., assignor to American Arch Company, a Corporation of Delaware. Filed Dec. 31, 1921. Serial No. 526,126. 13 Claims. (Cl. 110—87.)



2. An arch brick having on one end convex and concave faces with coincident centers of figure in the midst of the brick, so that the brick may lean stably against another brick, in various angular relations on different spans, by engagement of its aforesaid faces with correlatively corresponding concave and convex faces of such other brick.

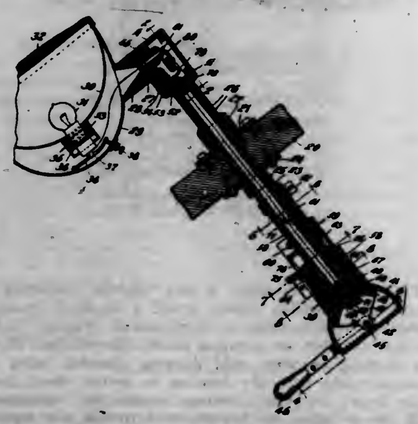
1,578,928. CLUTCH FACING AND PROCESS OF MAKING SAME. SUMNER SIMPSON, Bridgeport, Conn., assignor to The Raybestos Company, Bridgeport, Conn., a Corporation of Connecticut. Filed June 4, 1921. Serial No. 475,146. 4 Claims. (Cl. 91—70.)

3. A clutch facing comprising an element formed of unwoven asbestos fibers impregnated with a saturant containing an asphaltic binder and cured to give the required strength and hardness, the amount of saturant being from about 10% to about 20% of the weight of fiber.

1,578,929. CLUTCH FACING AND PROCESS OF MAKING SAME. SUMNER SIMPSON, Bridgeport, Conn., assignor to The Raybestos Company, Bridgeport, Conn., a Corporation of Connecticut. Filed June 4, 1921. Serial No. 475,147. 4 Claims. (Cl. 91—70.)

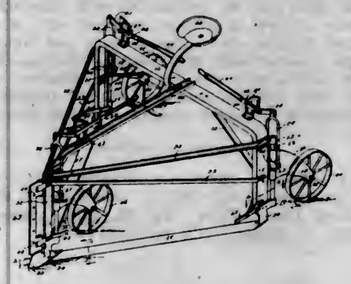
3. A clutch facing comprising an element formed of unwoven asbestos fibers impregnated with a saturant containing a hardening binder and cured to give the required strength and hardness, the amount of the saturant being from 10% to about 20% of the weight of fiber.

1,578,930. DIRIGIBLY-MOUNTED LIGHT. CLIFFORD SKLAREK, Chicago, Ill., assignor to International Spotlight Corporation, Chicago, Ill., a Corporation of Illinois. Filed Feb. 18, 1922, Serial No. 537,890. Renewed Aug. 28, 1925. 20 Claims. (Cl. 240—61.)



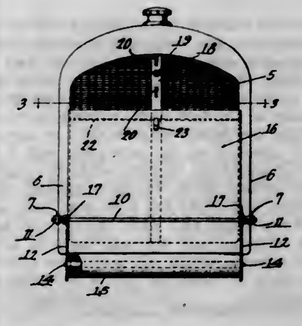
1. In a dirigible light, the combination with a support; of a member rotatably mounted on said support to turn thereon; a second member mounted on said first member to turn thereon about a different axis; and means for effecting independent rotation of each of said members about its respective axis, either simultaneously or in sequence and including a pair of coaxial, relatively rotatable shafts and a manually operable element operatively connected to said shafts, said element being rotatable bodily about one axis and pivotally movable about another axis at right angles thereto.

1,578,931. FRAME CONSTRUCTION FOR SURFACE CULTIVATORS. LEBBEUS J. SMAIL, Coffee Creek, Mont. Filed Nov. 8, 1921. Serial No. 513,882. 3 Claims. (Cl. 97—144.1.)



3. In combination, a horizontal V-shaped frame having at each corner a downwardly extending portion, means for connecting blades to the lower ends of said downwardly extending portions, caster wheels pivotally mounted to each of said downwardly extending portions, a lever device for independently raising and lowering each of said caster wheels relative to said downwardly extending portion, a hitch pivotally connected to one of said downwardly extending portions, a seat mounted on said V-shaped frame, all of said levers being arranged so that their free ends are adjacent to said seat.

1,578,932. AUTO RADIATOR COVER. ARTHUR J. SMITH, Hazleton, Pa. Filed Apr. 9, 1925. Serial No. 21,918. 2 Claims. (Cl. 259—132.)

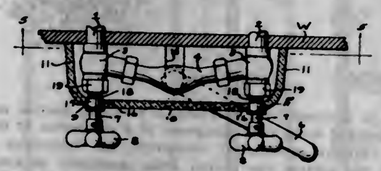


1. A radiator protector comprising a pair of spaced arms, arms adjustably connected with the first mentioned spaced arms, means for securing the first mentioned arm to the radiator of a motor vehicle, the second mentioned arms adapted to be adjusted towards and away from the radiator, a curtain carried by the last mentioned arms and adapted to move adjacent to the radiator, and means for holding the curtain in various positions of adjustment.

1,578,933. PROCESS OF TREATING SILK. HARRY B. SMITH, Albany, N. Y. Filed Mar. 8, 1923. Serial No. 623,730. 20 Claims. (Cl. 8—2.)

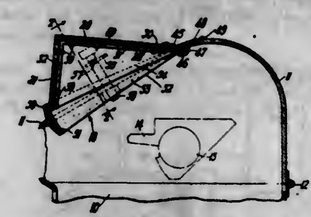
13. The process of treating silk which comprises subjecting the same to a hot bath having added thereto peroxid of sodium and a dye which is not substantially operatively affected by the bath to degum, bleach and dye the silk in the same bath.

1,578,934. COMBINATION FAUCET HOUSING. BERNARD G. STERN, Cleveland, Ohio. Filed Oct. 12, 1925. Serial No. 61,954. 8 Claims. (Cl. 137—111.)



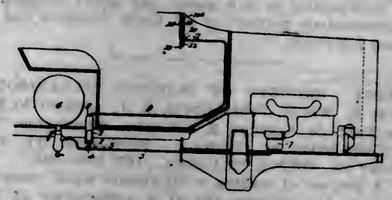
4. In combination with a dual sink valve arranged in front of the sink apron and having a single outlet, a cover substantially concealing the valve body, said cover having a brim extending to the apron, and members secured to the valve for maintaining the brim in contact with the apron.

1,578,935. TYPEWRITING MACHINE. BURNHAM C. STICKNEY, Rutherford, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Original application filed Jan. 24, 1922, Serial No. 531,353. Divided and this application filed Sept. 14, 1923. Serial No. 662,610. 9 Claims. (Cl. 197—186.)



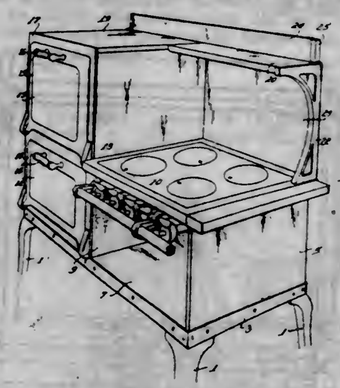
1. A sound-deadening casing, for a typewriting machine, having in the wall thereof a window comprising two portions of light-transmitting pane, offset from one another at an angle; one of said pane portions being transparent and being in the line of the operator's vision of the printing position on the platen when the machine is in the casing, a support for said panes pivotally mounted on the casing, and a screw engaging the casing and said support for adjusting the angular setting of the window to divert reflected light from the operator.

1,578,936. GASOLINE GAUGE FOR AUTOMOBILE ENGINES. JOHN C. TAPP, Monarch, Colo. Filed Aug. 22, 1924. Serial No. 733,574. 2 Claims. (Cl. 73—54.)



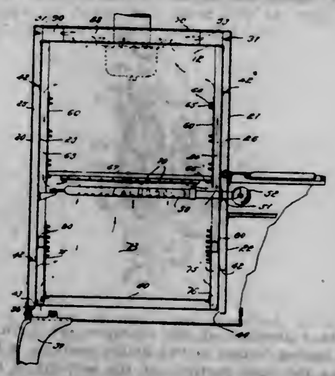
1. Apparatus for indicating the amount of gasoline in the supply tank of an automobile, comprising a vessel the bottom of which is disposed a substantial distance below the bottom of the tank and the top of which is disposed a substantial distance above the bottom of the tank, a fluid connection between the bottom of the tank and the bottom of the vessel, an indicating tube mounted on the dash board, a liquid container adjacent the indicating tube, composed of two compartments in juxtaposition and interconnected near the bottom, one of the compartments being closed and having a fluid connection from near its bottom to the bottom of the indicating tube, means normally disposed near the top of the other compartment and movable for displacement of liquid therein, and a fluid connection between said vessel and the top of the compartment having the connection to the indicating tube.

1,578,937. STOVE CONSTRUCTION. ALBERT H. TINNERMAN, Cleveland, Ohio. Filed Oct. 30, 1922. Serial No. 597,755. 5 Claims. (Cl. 126—39.)



1. In a stove construction having enamel panel plates forming the outer walls of the oven, a top panel for the oven having downwardly turned flanges on its edges, and inwardly turned flanges extending parallel with the body of the panel and wide enough to receive stove bolts or like fastening devices, and a front panel having inwardly extending lugs meeting the flange extensions and secured thereto.

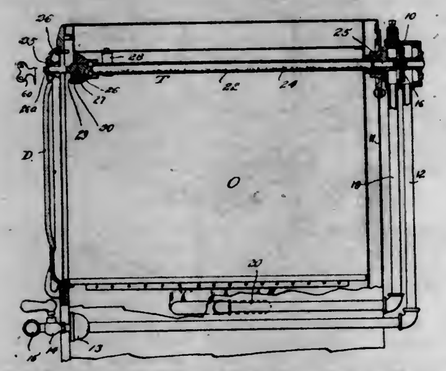
1,578,938. COOK-STOVE-OVEN CONSTRUCTION. ALBERT H. TINNERMAN, Cleveland, Ohio. Filed Aug. 20, 1923. Serial No. 658,281. 1 Claim. (Cl. 126—39.)



A cooking range construction comprising a double wall baking and broiler oven construction formed by inner and outer vertically disposed panel members spaced from

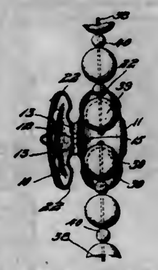
each other and open at the top and bottom to form air passages, two of said inner panel members being oppositely disposed and having vertically extending depressions therein forming passageways establishing communication between the exterior of the structure and the broiler oven and between the broiler oven and baking oven, a spacing member baffles disposed between the inner and outer panel members, obstructing the too free passage of air from the bottom to the top of the structure, an inner top oven panel member extending over the depressed ends of said inner side members and terminating short of the outer side panels whereby free passageways for cool air are afforded at the corners of the oven structure.

1,578,939. THERMOSTATIC CONTROL FOR STOVE OVENS. ALBERT H. TINNERMAN, Cleveland, Ohio. Filed May 9, 1924. Serial No. 711,955. 14 Claims. (Cl. 236—15.)



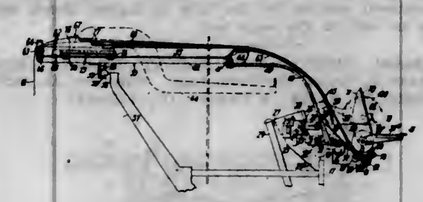
1. In a stove the combination of an oven structure including a door, a thermostatic control device enclosed by the oven and mounted independently of the door, a dial mounted upon the door and means extending from the thermostatic control device to the dial whereby the thermostat may be set without opening the door.

1,578,940. FASTENER FOR CHAINS. JOHN C. WACHA, Providence, R. I., assignor to George H. Cahoone Company, a Corporation of Rhode Island. Filed Jan. 29, 1926. Serial No. 84,746. 3 Claims. (Cl. 14—119.)



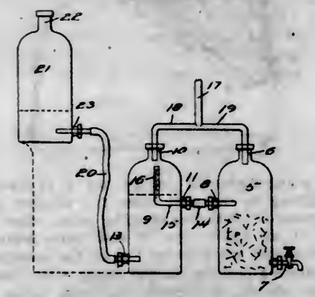
1. In a fastener of the character set forth, an elongated casing formed in two hollow sections, a hinge connecting the back portions of the sections, a catch connecting the front portions of the sections, said casing being provided in its ends with holes formed by cavities in the edges of the sections, one of the sections being provided with a plurality of longitudinally disposed seats.

1,578,941. TYPEWRITING MACHINE. JOHN WALDHEIM, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed June 18, 1923. Serial No. 645,995. 26 Claims. (Cl. 197—126.)



1. In a typewriting machine, a revoluble platen, means for holding work-webs, composed of a succession of forms, and carbons interleaved therewith, for line-space feed with the platen, the platen being revoluble backwardly to release the carbons, a table having a horisontal portion at a substantially higher elevation than the platen, and having a portion which is arched downwardly toward the platen, said arched portion forming a carbon-stripping element, a carbon-carrier on the horizontal portion of the table, and means for shifting the carbon-carrier backward from the platen on such horisontal portion of the table while the forward end of the work-web is held against movement, to effect relative shifting of released carbons and web upon said stripping element.

1,578,942. GAS GENERATOR. DWIGHT L. WARRICK, York, Nebr. Filed July 9, 1925. Serial No. 42,464. 4 Claims. (Cl. 23—282.)

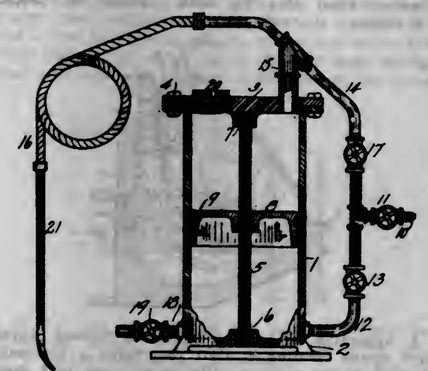


1. A gas generator comprising a liquid container, a reagent receptacle on the same level with the liquid container, a liquid supply container at a higher level than the liquid container, means communicating the bottom of the liquid supply container with the bottom of the liquid container, means communicating the tops of the liquid container and the reagent receptacle, a take off tube incorporated in said means, and means communicating intermediate portions of the liquid container and the reagent receptacle.

1,578,943. PROCESS OF MAKING NITRANISOLES. EARL H. WELTZ, Penns Grove, N. J., assignor to E. I. Du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Sept. 17, 1920. Serial No. 410,979. 3 Claims. (Cl. 260—150.)

1. A process of making a nitranisole which comprises heating under pressure and at a temperature of from about 105 to 110° C. a nitrochlorobensene and methyl alcohol in the presence of water and an alkali-metal hydroxide.

1,578,944. SPRAYING DEVICE FOR PLASTIC MATERIAL. ROBERT M. WILKINSON, Philadelphia, Pa. Filed Mar. 24, 1923. Serial No. 627,431. 1 Claim. (Cl. 91—44.)



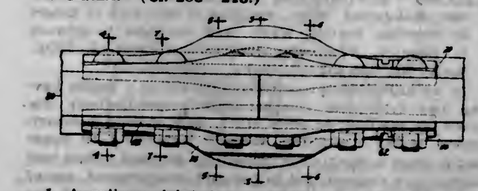
In a sprayer for plastic material, the combination of a casing having a material discharge at one end and an inlet for a pressure medium at the other end, a piston slidably mounted in said casing between said inlet and said outlet, a hose having communication with said outlet, a nozzle on said hose, means for respectively conducting a conveying pressure medium to said hose behind the material therein and to said inlet whereby said material has a mass movement to said outlet, leaves said outlet as a fractional part and is ejected through said hose in a continuous stream of particles, and separate means for independently controlling the pressure to said hose and to said inlet.

1,578,945. RADIUM NEEDLE STRUCTURE. SANFORD M. WITHERS, Denver, Colo. Filed Jan. 8, 1923. Serial No. 611,401. 2 Claims. (Cl. 174—177.)



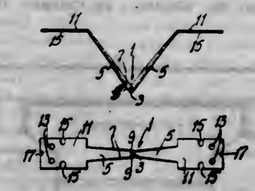
1. A radium needle having a radium receiving cavity, a permanent closure for one end of said cavity, said closure being obtained as by soldering, and a point removably mounted adjacent said end.

1,578,946. FISHPLATE. CHARLES D. YOUNG, Philadelphia, Pa. Filed May 2, 1921. Serial No. 466,081. 7 Claims. (Cl. 238—248.)



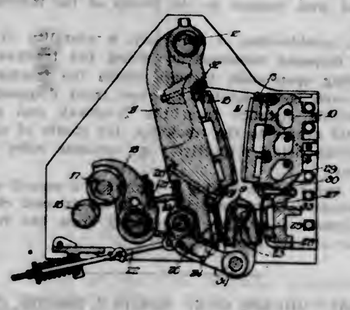
1. A railway joint bar comprising a web with head and base adapted to engage between those of the rail, said bar being of L beam configuration at the middle and of I beam configuration at the ends.

1,578,947. ANCHOR. WALTER L. ALBER, Chicago, Ill. Filed Apr. 24, 1925. Serial No. 25,498. 9 Claims. (Cl. 72—101.)



1. A one piece anchor for sleepers and the like comprising a bridge adapted to be sunk in a plastic composition and sidewardly extending ears thereon, means on said ears for detachably fastening the anchor to a device for laying the anchor with the ears flat, and means on said ears for permanently fastening the anchor to the sides of a sleeper.

1,578,948. CRUSHER. JOHAN R. BAKSTAD, Chicago, Ill. Filed Oct. 1, 1923. Serial No. 665,803. 14 Claims. (Cl. 83—53.)



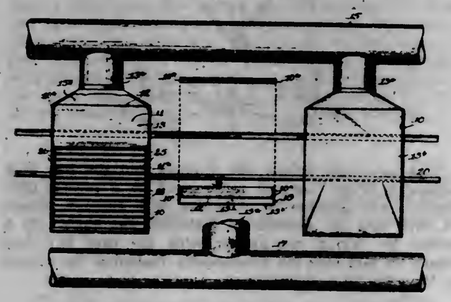
1. In a crusher, the combination of a plurality of cooperating relatively movable jaw members between which stone is given a primary crushing in a single path, and means movable with one of said other jaw members and cooperating with said jaw members for giving said stone a secondary crushing in a plurality of paths.

1,578,949. CONNECTION FOR LUBRICATORS. FRANK S. BARNS, St. Louis, Mo. Filed July 24, 1924. Serial No. 727,864. 3 Claims. (Cl. 284—18.)



1. In a device of the class described, a two part coupling, one part being provided with a valve and having external locking lugs, the other part comprising a sleeve having internal lugs and a plug threaded therein, a movable end piece for said plug within said sleeve and cooperating with said first named part, said end piece being retained in position by said lugs, and a packing between said end piece and plug.

1,578,950. SPRAY BOOTH. HOWARD G. BARTLING, Chicago, Ill., assignor to Binks Spray Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 3, 1923. Serial No. 678,104. 21 Claims. (Cl. 91—60.)



2. In combination, a plurality of spray booths having open sides and open fronts, said booths being arranged side by side, alternate of said booths having their fronts reversed with respect to the fronts of the intermediate booths.

5. In combination, a trackway, a plurality of spray booths disposed consecutively along the trackway and all having open sides through which the trackway extends, each booth having an open front disposed at a considerable distance from the trackway and a back relatively nearer to the trackway, the fronts of consecutive booths being respectively at opposite sides of the trackway.

8. A spray booth having a top wall, a second wall located thereabove to form therewith an exhaust chamber, said chamber increasing in capacity from the front to the rear of said booth.

1,578,951. GREASE GUN. MARTIN C. BERSTED, Chicago, Ill. Filed Nov. 27, 1920. Serial No. 426,722. 4 Claims. (Cl. 184—105.)

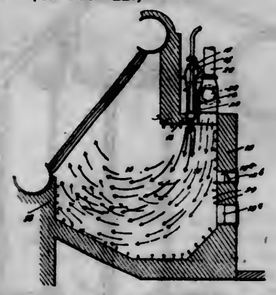


1. A fitting for a grease gun comprising two pivotally connected members and having a passage extending therethrough, and means interposed between said members at their pivotal connection and projecting into said passage to normally close the passage but adapted to permit the flow of grease under pressure through the passage.

1,578,952. TRANSFER SHEET. CHARLES CAMPBELL, New York, N. Y. Filed Sept. 13, 1923. Serial No. 662,367. 4 Claims. (Cl. 91—68.)

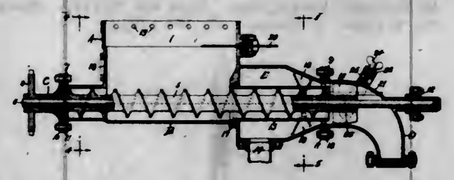
1. A transfer sheet comprising a textile fabric on one side of which paper fibres are deposited forming a closely matted absorbent and adherent coating thereon held only by adherence of the paper fibres to the said textile fabric, the said paper fibres being impregnated with a transfer pigment.

1,578,953. MEANS FOR THE BURNING OF PULVERIZED FUEL AND GAS. VIRGINIUS Z. CARACRISTI, Bronxville, N. Y., assignor to Locomotive Pulverized Fuel Company, New York, N. Y., a Corporation of Delaware. Filed May 23, 1919. Serial No. 299,327. 2 Claims. (Cl. 110—22.)



1. Apparatus for burning fuels in a furnace provided with means creating a draft comprising a combustion chamber having a waste outlet in an upper part, means for admitting pulverized coal in an upper part of the chamber to one side of the said outlet and adjacent a wall of the chamber and in a downward direction, and means for separately admitting a combustible gas into the combustion chamber in the upper part thereof in a downward direction into the space between the descending coal and such wall.

1,578,954. APPARATUS FOR HANDLING PULVERIZED FUEL. VIRGINIUS Z. CARACRISTI, Bronxville, N. Y., assignor to Locomotive Pulverized Fuel Company, a Corporation of Delaware. Filed Aug. 30, 1920. Serial No. 407,042. 4 Claims. (Cl. 302—50.)

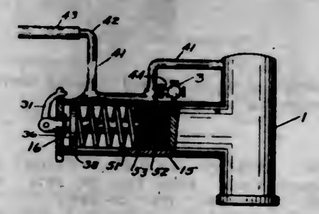


1. A device for handling pulverized fuel comprising, in combination, an upper casting having a fuel inlet, a base casting, means on the said castings where they may be fastened together to form a housing, a fuel outlet opening in the housing, a screw conveyor projecting through the outlet opening, an air admission chamber supplying air to the fuel at the outlet, and a separable member surrounding the conveyor where it extends through the air chamber, said member being held in place between the two castings.

1,578,955. ADJUSTABLE GAUGE. COY W. CHITTENDEN, Hazelwood, Wash., assignor of one-third to Robert R. Sterling, Seattle, Wash., and one-third to Edward L. Bonamy, Newcastle, Ind. Filed Sept. 2, 1924. Serial No. 735,301. 1 Claim. (Cl. 50—8.)

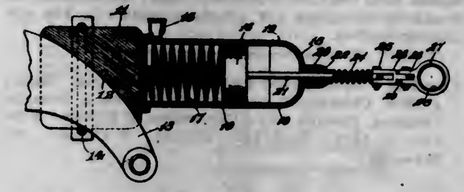
In an adjustable pressure control valve, a casing having two cylindrical compartments perpendicularly disposed in relation to each other, one of said compartments having a partition through it forming an upper and a lower compartment, oppositely disposed valves connected by a common rod in the said compartment, one of the said valves being in the said partition and the other in the end of the said lower compartment, the valve in the said partition being automatically closed and held in a closed position by the air pressure except

when it is opened by the valve of a tire, said perpendicularly disposed compartment having a valve seat in the inner end thereof, a slidable valve member, an elastic diaphragm acting against the said valve member, a combination of a large and small spring for normally holding said valve member against the seat, a screw in the center of the said springs, a disc on the said screw and bearing against the outer end of the said large spring, a graduated disc with notches in its edge at the outer



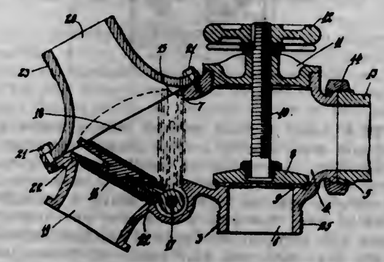
end of the said casing, said disc having an opening therethrough through which the end of the screw projects, a curved lever pivotally mounted in the end of the said screw and engaging the notches in the edge of the said disc to hold the said screw in different positions and by which the said screw may be rotated, a cut off valve in a supply line entering the said casing, and means for operating the said cut off valve by the said slidable valve member.

1,578,956. BUMPER SUPPORT FOR VEHICLES. HUGH S. CLARK, Elizabeth, N. J. Filed Oct. 31, 1925. Serial No. 66,036. 7 Claims. (Cl. 293—55.)



6. In a bumper mounting, a rod directed through a bearing for longitudinal movement, means yieldably urging the rod in one direction, a bumper bracket carried by and capable of limited longitudinal movement with relation to the rod and means yieldably resisting the longitudinal movement of the bracket.

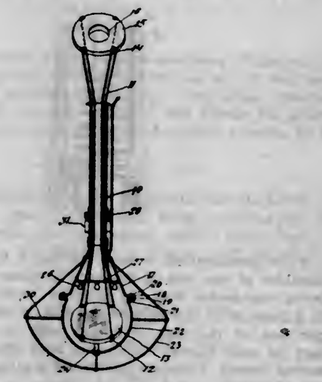
1,578,957. CONNECTION FOR FIRE HOSE. RAY G. COATES, Pasadena, Calif. Filed June 29, 1925. Serial No. 40,278. 4 Claims. (Cl. 277—64.)



1. A connection of the character described comprising a chamber having two outlets and an inlet, a manually operated valve for one of said outlets, a passage forming an intake and an outlet, and an automatic valve, movable to close either the intake or the other outlet of the chamber.

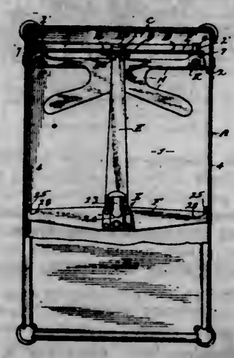
4. A connection of the character described comprising a chamber having an inlet adapted to be connected with a hydrant, said chamber having an outlet adapted to be connected with a pump intake and said chamber having a second outlet, a manually operated valve for the first mentioned outlet, a passage forming an intake adapted to be connected with the outlet of the pump and said passage forming an outlet adapted to be connected with a fire hose, valve seats at the inner end of the second intake and at the outer end of the second outlet, and a valve automatically closed onto the seat of the second outlet by a difference in pressures on opposite sides thereof when the manually operated valve is open and the pump is in operation and closed onto the seat of the intake when the manually operated valve is closed.

1,578,958. DEVICE FOR LOOKING UNDER WATER. JOSEPH DAOUST, Detroit, Mich. Filed May 21, 1925. Serial No. 31,772. 2 Claims. (Cl. 88—1.)



1. In a device of the class described comprising a pipe, an encasement secured to one end of said pipe, wires extending through and projecting from both ends of the pipe, a mirror, means for pivoting said mirror in the bottom of said encasement, a disk secured to one end of said tires and said mirror secured to the other ends thereof so that movement of the disk will cause a similar movement of the mirror and guard wires placed around said encasement.

1,578,959. WARDROBE TRUNK. BENJAMIN DAVIDSON, Los Angeles, Calif. Filed May 31, 1924. Serial No. 717,163. 6 Claims. (Cl. 190—13.)



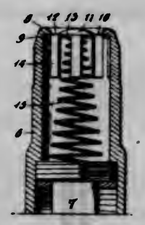
1. In a wardrobe trunk having rods held in the upper end thereof, and hangers slidably disposed on said rods for supporting garments, means overlying said hangers

and including members disposed in front of said garments and hangers and substantially below said hangers, adapted to be locked together for preventing unauthorized access to said garments.

1,578,960. STENCIL SHEET AND COATING SOLUTION THEREFOR. ALEX BROOKING DAVIS, Cincinnati, Ohio, assignor to A. B. Dick Company, Chicago, Ill., a Corporation of Illinois. Filed July 3, 1925. Serial No. 41,436. 15 Claims. (Cl. 41—38.6.)

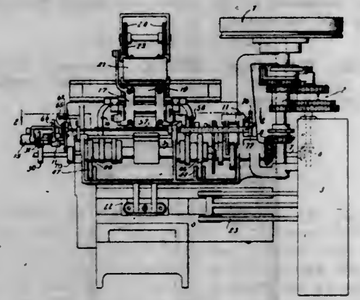
1. A type-impressible stencil-sheet consisting of a porous base having a coating including a starch ester.

1,578,961. TIRE-VALVE CLOSURE. LINCOLN S. DOWNS East Cleveland, Ohio. Filed Jan. 14, 1925. Serial No. 2,367. 2 Claims. (Cl. 152—12.)



1. In combination, a body having a bore, annular flat shoulder at one end of the bore, a closure disk, said disk being engageable with the shoulder, radial fingers on and in a plane with the body of the disk to space intermediate portions of the disk from the wall of the bore, guide legs on said fingers engageable with the bore wall, and spring means normally yieldably seating the disk upon the shoulder.

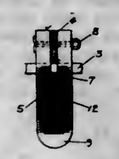
1,578,962. PRINTING MACHINE. JOSEPH S. DUNCAN, Chicago, Ill., assignor to Addressograph Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 19, 1924. Serial No. 707,651. 12 Claims. (Cl. 101—47.)



1. In a printing machine, a printing device, means to take a plurality of impressions therefrom, and means to alter said first named means in order to take a single impression, said altering means being controlled by said printing device.

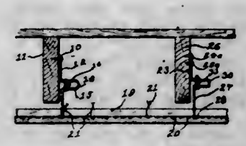
1,578,963. BOLT CONSTRUCTION. WILLIAM A. DUNLAP, Pittsburgh, Pa. Filed Aug. 8, 1924. Serial No. 730,953. 1 Claim. (Cl. 85—3.)

A bolt of the kind described formed of a sheet metal blank bent upon itself at the middle to form an integral rounded-end cylinder with the edges of the blank in contact beyond the rounded end and provided with threads



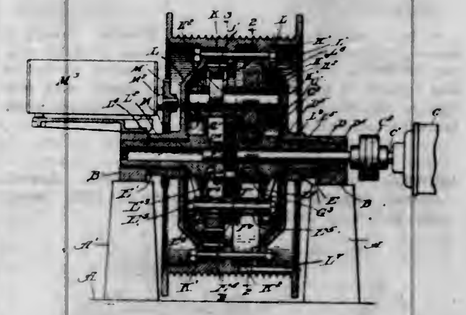
for a portion of its length and opposite clearance slots for a supporting bar at its other end.

1,578,964. CEILING HANGER. PHILIP DUPHINEY, Waterbury, Conn. Filed July 29, 1925. Serial No. 46,789. 11 Claims. (Cl. 72—118.)



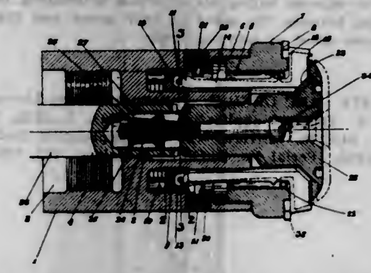
1. In a ceiling hanger, a portion adapted to be attached to a floor joist, a portion adapted to support a channel iron, an intermediate resilient section connecting said portions, said section being yieldable to sudden shocks from the floor above, and means for transmitting tensile stresses from the attaching portion to the supporting portion.

1,578,965. AUTOMATIC REVERSIBLE HOIST. HENRY J. ECK, Chicago, Ill., assignor to Roberts & Schaefer Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 3, 1924. Serial No. 753,583. 5 Claims. (Cl. 254—186.)



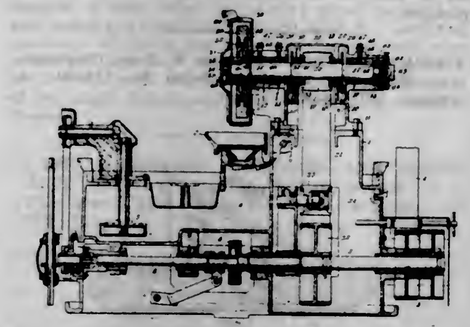
1. In a hoist, a drum, a fixed bearing sleeve about which said drum rotates, a drive shaft penetrating said bearing sleeve, and means for rotating it, and a driving connection between said drive shaft and said drum, and comprising a gear on said drive shaft, a plurality of pinions in mesh therewith, a ring gear surrounding and in mesh with said pinions, a gear of substantially smaller diameter than said ring gear connected thereto, a plurality of pinions in mesh therewith, eccentrics associated with each of said pinions, a gyrating gear having rotary bearing relation with said eccentrics, an internal ring gear surrounding said gyrating gear and in mesh with it and of greater diameter than said gear, said ring gear being connected to the drum.

1,578,966. CHUCK. LOUIS A. EDELMANN, St. Louis, Mo., assignor to Unico Motor Products Corporation, St. Louis, Mo., a Corporation of Missouri. Filed Oct. 4, 1922. Serial No. 592,300. 5 Claims. (Cl. 279—108.)



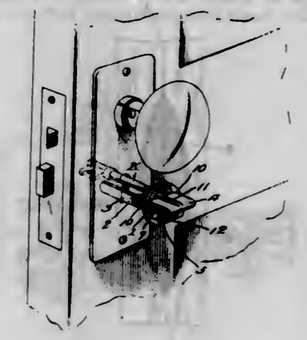
1. A chuck including, in combination, an annular work-engaging body, a plurality of swingable jaws, each jaw comprising a shank and an outwardly projecting head having opposite faces rearwardly and forwardly presented relatively to the body, said jaws being disposed normally in a yieldingly contracted annular series with their heads presented forwardly of the body and being slidable relatively to and swingable towards the body, and means adapted for engagement with the jaws at the forwardly presented faces of their heads for slidably and radially expanding the jaws to engage the work between the body and the rearwardly presented faces of their heads.

1,578,967. SPLASH-OILED HALF BEARING FOR GRINDERS. SOL EINSTEIN, Cincinnati, Ohio, assignor, by mesne assignments, to The Cincinnati Milling Machine Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Mar. 5, 1923. Serial No. 622,866. 1 Claim. (Cl. 308—127.)



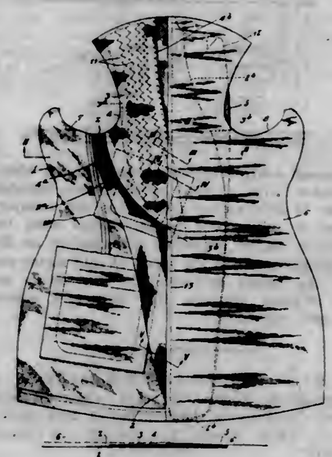
In a grinding machine, in combination a support; two bearings carried by said support; a shaft journaled in said two bearings; two lubricant wells formed wholly within and integral with said support each of said wells being located wholly at one side of each of said bearings; a lubricant slinger disposed in each well and contacting with the lubricant therein, said lubricant slinger being mounted on and rotated by said shaft; a combined receiving trough and lubricant conveyor operatively connected with each well, each trough having an open end secured within a closed bore in said support and a closed end adjacent said lubricant slinger whereby the trough receives lubricant cast off by its slinger and conveys it laterally away from said slinger and over its adjacent bearing; a tube extending downwardly from said closed bore towards each of said bearings and adapted to deliver lubricant to said bearings said bearings each being provided with a duct to return the lubricant back to the well from whence it came.

1,578,968. KEY HOLDER. SPENCER FANNIN, Flint, Mich. Filed Feb. 1, 1923. Serial No. 616,417. 7 Claims. (Cl. 70—65.)



1. A key-holder made of two members connected together, one having means for receiving a key and holding it during the rotation thereof, and being rotatably connected with the other member and means for locking said key-receiving member against turning relative to the other.

1,578,969. GARMENT AND METHOD OF MAKING IT. RICHARD A. FEISS, Cleveland, Ohio, assignor to The Joseph & Feiss Co., Cleveland, Ohio. Filed Nov. 13, 1922. Serial No. 600,529. 1 Claim. (Cl. 2—93.)

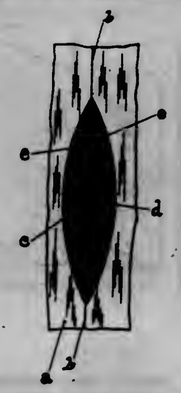


The method of making a garment using a plurality of laminated materials one of which carries an interjacent pocket, which consists in blind stitching together certain of said materials on one side of said pocket continuously along a line which passes across said pocket.

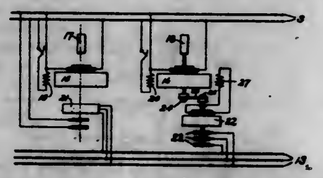
1,578,970. MEANS FOR PREVENTING BAGGING AT THE KNEES OF MEN'S TROUSERS. FRITZ FESER, Frankfort-on-the-Main, Germany. Filed June 5, 1922. Serial No. 565,952. 1 Claim. (Cl. 2—231.)

Man's trousers with pieces or patches of web-like fabric, stitched inside the trouser leg at the knee of the trouser to prevent the bagging at the knees of the

latter, said pieces or patches being extended diagonally to the cross of the threads up to the limit of their capacity in this direction and being elastic only transversely and connected immovably with the trouser material by stitches along the edges and the crease, thereby preventing the stretching or bagging of the latter.

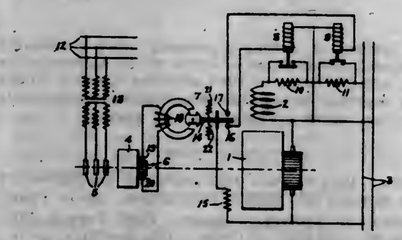


1,578,971. SPEED-CONTROL SYSTEM. LIONEL FLEISCHMANN, Berlin, Germany, assignor to General Electric Company, a Corporation of New York. Filed Aug. 11, 1924. Serial No. 731,272. 5 Claims. (Cl. 172—243.)



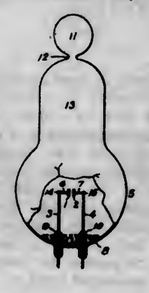
1. A speed control system comprising an electric motor provided with a field winding for supplying the excitation of said motor and means for regulating the excitation of said motor in accordance with its speed comprising a rotary converter arranged to be driven at a speed proportional to the speed of said motor connected to vary the motor excitation in accordance with the angular relation between the field and commutating axis of said converter.

1,578,972. SPEED-CONTROL SYSTEM. LIONEL FLEISCHMANN, Berlin, Germany, assignor to General Electric Company, a Corporation of New York. Filed Aug. 11, 1924. Serial No. 731,273. 2 Claims. (Cl. 171—312.)



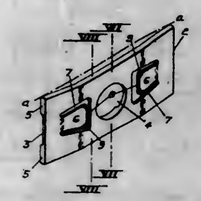
1. A speed control system comprising a motor provided with speed controlling means, a current directional relay for controlling the speed controlling means of said motor, a source of alternating current supply, and a rotatory converter supplied from said alternating current source and arranged to be driven at a speed proportional to the speed of said motor for supplying to said relay a current having its direction determined by the relation between the speed of said motor and the synchronous speed of said converter.

1,578,973. ARC DEVICE. JONATHAN FORCE, Livingston, N. J. Original application filed Mar. 1, 1922, Serial No. 540,276. Divided and this application filed Oct. 5, 1923. Serial No. 666,831. 6 Claims. (Cl. 176—1.)



1. An electric discharge device comprising a container, refractory arc-sustaining electrodes therein operable at incandescence, a liquid in said container adapted to be actively vaporized during the operation of an arc between said electrodes, and means for regulating the vapor pressure in said container to prevent substantial disintegration or accretion of metal on said electrodes during operation.

1,578,974. NUT LOCK. WILLIAM W. FORD, Pittsburgh, Pa. Filed May 20, 1924. Serial No. 714,551. 6 Claims. (Cl. 151—50.)



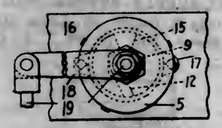
1. A nut lock consisting of a washer plate having a middle longitudinal channel, providing a continuous thin middle portion, a bolt hole, and an integral resilient locking tongue extending inwardly towards the bolt hole and provided with rounded corners, the fibre or grain of the plate extending lengthwise of the plate and said tongue.

1,578,975. DISK-WHEEL. GEORGE H. FORSYTH, Chicago, Ill., assignor to Motor Wheel Corporation, Lansing, Mich., a Corporation of Michigan. Filed Mar. 24, 1922. Serial No. 546,272. 7 Claims. (Cl. 301—63.)

1. In a disk wheel, the combination of a hub, a rim adapted to carry a pneumatic tire with a substantially straight valve stem, and a dished disk connecting the hub and rim, the disk uniformly dished in its body portion as viewed concentrically of the hub and shaped in its outer portion to form a seat for one side of the rim and to accommodate the valve stem wholly in front thereof.



1,578,976. SHOCK ABSORBER. ARCHIE FOWELS, Dayton, Ohio. Filed Mar. 28, 1925. Serial No. 18,984. 10 Claims. (Cl. 188—89.)



1. In a shock absorber, a cylindrical casing, a shaft mounted in said casing, and a wing piston mounted in said casing and connected with said shaft for oscillatory movement therewith, the connection between said wing piston and said shaft being such that the initial movement of said shaft will move said piston in the direction of its length before oscillatory movement is imparted thereto.

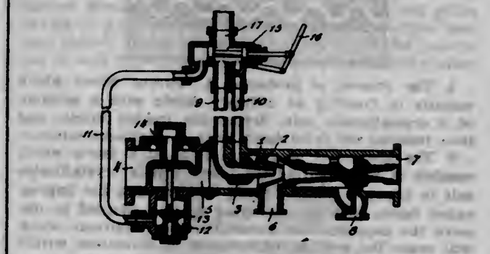
1,578,977. COMBINED CONDENSER AND RESISTANCE UNIT. WILLIAM H. FRASER, Newark, N. J. Filed Mar. 6, 1925. Serial No. 13,469. 1 Claim. (Cl. 250—16.)



A condenser consisting of two helical windings of wire capacitatively disposed relative to each other, a tube of non-conducting material forming a support for the windings, a resistor element mounted in the tube, and closures for the ends of the tube forming contact terminals for the condensers and the resistor element.

1,578,978. STEAM INJECTOR OPERATING WITH LIVE STEAM AND EXHAUST STEAM. LOUIS FRIEDMANN and HANS DEUTSCH, Vienna, Austria. Filed Dec. 5, 1924. Serial No. 754,195. 18 Claims. (Cl. 162—1.)

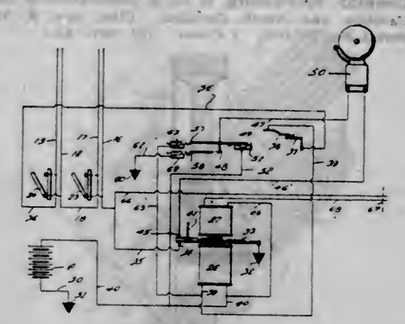
1. The combination with an exhaust steam injector having connected therewith, a conduit leading to the exhaust steam line of an engine, a second conduit for supplying auxiliary live steam to said injector, and a third conduit for supplying supplementary live steam to said injector, of a valve casing to which said second and third conduits are connected, means to supply live steam to said casing, a valve freely mounted in said casing, normally closing, and adapted to be moved by the pressure of the live steam in said casing to open said second conduit, fluid pressure actuated means within said casing, and a pipe connecting said fluid pressure means with the main steam line of the engine, said fluid pressure means being constructed and arranged to contact with said freely mounted valve and prevent it from opening said second conduit when said pipe contains steam under pressure.



1,578,979. ALUMINUM ALLOY. TRUMAN S. FULLER and DAVID BASCH, Schenectady, N. Y., assignors to General Electric Company, a Corporation of New York. Continuation of application filed Dec. 13, 1923, Serial No. 680,516. This application filed Dec. 18, 1924. Serial No. 756,822. 2 Claims. (Cl. 75—1.)

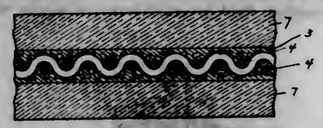
1. An alloy consisting essentially of aluminum, zinc and magnesium, the zinc content of said alloy being within the limits of about three to eight per cent and the magnesium content being within the limits of about 0.25 to 1.5 per cent.

1,578,980. BURGLAR-ALARM SYSTEM. GOTTFRIED F. GASSER, Atlanta, Ga., assignor to Annie Gasser, Atlanta, Ga. Filed Dec. 15, 1922. Serial No. 607,049. 2 Claims. (Cl. 177—314.)



1. In an alarm, a normally closed circuit and a normally open alarm circuit, a source of power, a switch, means whereby said switch may be moved first to close said alarm circuit to test the strength of the source of power, then moved to shunt the alarm circuit to render the alarm circuit inoperative and finally to break the shunt connection, means including a relay connected with the switch and source of power operable to open the alarm circuit when said shunt connection is made and to close the normally closed circuit.

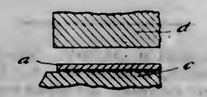
1,578,981. METHOD OF MAKING A LUSTROUS FABRIC. ALFRED GELBERT, Chicago, Ill. Filed Apr. 29, 1921, Serial No. 465,585. Renewed Jan. 9, 1926. 6 Claims. (Cl. 91—68.)



1. The process of producing a lustrous fabric which consists in treating an ordinary fabric with a solution of a crystallizable salt, drying the treated fabric, and then treating the dried fabric with a gelatinous solution.

6. The process of producing lustre on a fabric which consists in impregnating the fabric with a crystallizable salt in a non-crystalline form, and treating the impregnated fabric with an air-drying coating adapted to dissolve the impregnating material under conditions which will cause the said solved material to crystallize within the said coating during the drying of the latter.

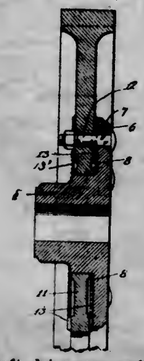
1,578,982. DECORATIVE MATERIAL FOR ORNAMENTAL PANELS, PLAQUES, OR THE LIKE. LEONARD JAMES GLOSTER, Birmingham, England. Filed June 15, 1925. Serial No. 37,018. 8 Claims. (Cl. 41—19.)



1. The manufacture of a decorative material by impressing a pattern upon a surface of translucent and flexible material and applying to the impressed surface a thin coating of opaque material.

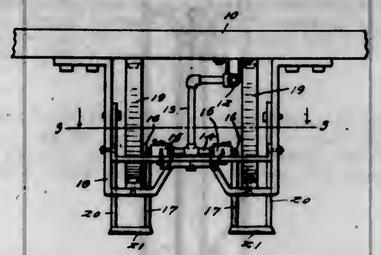
8. The method of manufacturing a decorative tube of translucent and flexible material by impressing a pattern on the inner surface thereof by means of an expanding member, and by coating the impressed inner surface of the tube with opaque material.

1,578,983. LOOM GEAR. ROBERT W. GOSSETT, Spartanburg, S. C., assignor to Manufacturers' Equipment Company, Spartanburg, S. C., a Corporation of South Carolina and North Carolina. Filed Apr. 8, 1924. Serial No. 705,069. 1 Claim. (Cl. 287—52.)



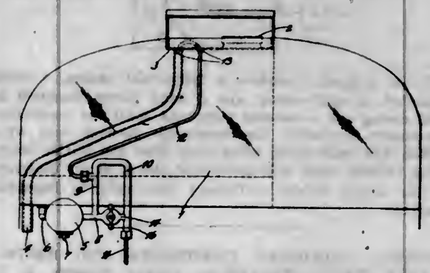
A loom cam-shaft drive-gear embodying a hub-member adapted to be keyed to the cam-shaft and having a radial flange provided with arcuate slots and also with a series of radial serrations on its inner face, a gear member consisting of a gear rim and a central disk having a central hole for fitting over the hub-member and with an annular series of radial serrations adapted to engage the serrations on the hub flange, and clamp-bolts.

1,578,984. AUTOMATIC TRAIN STOP. JOHN W. GOSSETT, Richmond, Ind. Filed Oct. 14, 1924. Serial No. 743,624. 3 Claims. (Cl. 246—171.)



1. Means for automatically applying the brake of an air brake system, the same comprising a branch pipe connected with the train line, a cross pipe attached to the branch pipe and provided at opposite ends with release valves, the stems of which have lateral extensions, vertically slidable trips normally disengaged from said extensions, said extensions being in the path of upward movement of the stems, vertically slidable guides having a limited movement, cross pieces connecting the lower ends of the respective trips and guides and adapted to make contact with a track rail in the event of derailment, and a mounting for the trip and guides.

1,578,985. FUEL-SUPPLY SYSTEM FOR MOTOR VEHICLES. OLIVER R. GRASS, St. Louis, Mo. Filed Nov. 30, 1925. Serial No. 72,176. 2 Claims. (Cl. 158—165.)

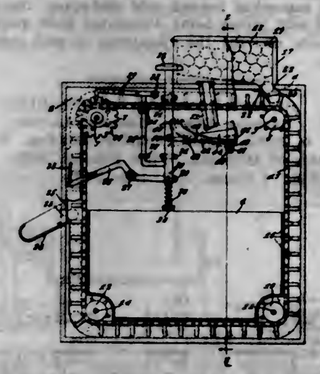


1. The combination with a liquid tank having an inlet opening through the top, a pan arranged to receive overflow from said opening and having its bottom below the top of said opening, a pipe opening downwardly from the bottom of said pan, and a chamber below and opening into the bottom of the tank, of a pipe opening laterally from said chamber below the bottom of the tank, a valve for opening and closing said pipe, an inverted U-shaped pipe having its arms opening into said second pipe at the opposite sides of said valve, and having its upper portion substantially above the bottom of the tank, and a pipe extending upwardly from said U-shaped pipe and thence downwardly and opening into said first-named pipe and being entirely below the upper portion of said inlet opening.

1,578,986. VENDING MACHINE. CHARLES GREEN GRAVES, Cedar Grove, La. Filed Dec. 12, 1923. Serial No. 680,205. 2 Claims. (Cl. 211—8.)

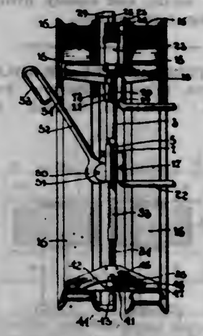
1. In a device of the class described, a casing, a door mounted for right-line sliding movement on the casing, a drive shaft journaled on the casing, an endless conveyor driven by the shaft and so positioned as to deliver an article at the door, a lever fulcrumed intermediate its ends on the casing, one end of the lever being directly connected to the door, a plunger slidable in the casing

and disposed about parallel to the line of reciprocation of the door, the other end of the lever being directly connected to the plunger, the plunger being movable in one direction to open the door, a stop wheel on the shaft, a pawl pivoted to the casing and coacting with the stop wheel to hold the shaft against rotation when the



door is opened, the plunger comprising a part which engages the pawl to disengage the pawl from the stop wheel when the plunger is moved in an opposite direction, and spring means for moving the plunger in the last-specified direction, thereby to close the door and disengage the pawl from the wheel.

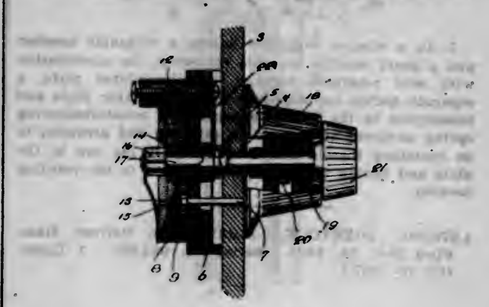
1,578,987. SPARE-TIRE CARRYING AND RIM-REMOVING DEVICE. FRANKLIN A. HAMILTON, Three Forks, Mont. Filed July 22, 1924. Serial No. 727,511. 1 Claim. (Cl. 224—29.)



A tire carrier of the character described, comprising a plurality of heads, spaced inner and outer cradles supported across said heads, one of the heads being adjustable relative to the other, an arched bracket secured to a pair of the heads and located medially relative to the inner and outer cradles thereon, an eye on the remaining head medially thereof, adjustable and rotatable hooks thereof, adjustable and rotatable hooks carried by the bracket and eye, and adapted to be positioned alternately with respect to the inner and outer cradles, to engage rims thereon, and means for moving the adjustable head.

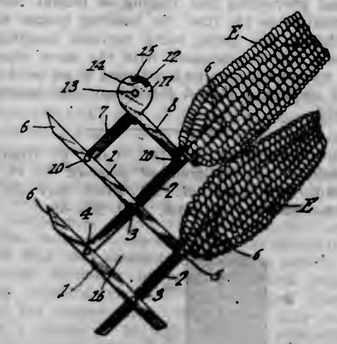
1,578,988. MULTIPLE-PURPOSE RHEOSTAT. CHARLES HANDY, New York, N. Y., assignor to Amsco Products, Inc., New York, N. Y., a Corporation of New York. Filed July 11, 1924. Serial No. 725,861. 3 Claims. (Cl. 201—55.)

2. A multiple purpose rheostat comprising a body member of insulating material having a bearing opening therethrough from its front to its rear surface and having an annular groove formed in its rear surface spaced concentrically from said bearing opening, a plurality of resistance strips arranged within said groove extending longitudinally along the groove and hence concentrically about said bearing opening, retaining means also within said groove arranged between said strips and serving to hold said strips spaced apart and to retain said strips against displacement from the groove, each of said strips having a longitudinally extending exposed surface portion thereof facing rearwardly outwardly of the groove, one of said resistance strips having its mentioned surface



arranged relatively further rearwardly than the mentioned surface of another resistance strip, a plurality of operating members mounted to rotate within said bearing opening, a contact arm carried by one of said members arranged upon rotation of said member to sweep along the mentioned exposed surface of one of said resistance strips, and a further contact arm carried by another of said operating members projecting therefrom across said last mentioned resistance strip free thereof and arranged thereby to sweep along the mentioned exposed surface which is disposed rearwardly of the exposed surface of the last mentioned strip.

1,578,989. DEVICE FOR DRYING CORN. HERSCHEL V. HARRELD, Hedrick, Iowa. Filed Jan. 20, 1925. Serial No. 3,611. 1 Claim. (Cl. 34—26.)



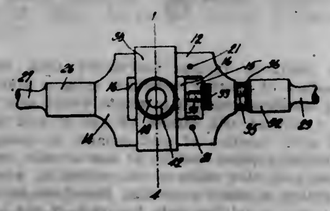
In a corn drier, a lazy-tong construction comprising a plurality of pivotally connected bars, said bars having outer pointed extremities extended beyond the pivot points of the adjacent bars, the adjacent bars providing stops for the corn positioned on the pointed extremities, and a stop to prevent movement of the bars past their operative position in their operative positions.

1,578,990. WINDOW-REGULATOR SPRING ASSEMBLY. ERNEST E. HEINTZ, Detroit, Mich., assignor to Tarnstedt Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Nov. 5, 1923. Serial No. 672,791. 9 Claims. (Cl. 185—45.)



1. In a window regulator having a rotatable member and a draft member movable thereover, the combination with said rotatable member, of a regulator plate, a separate spring cup anchored to the regulator plate and telescoping in the rotatable member, a counterbalancing spring anchored at one end in said cup and arranged to be contained therein before assembly of the cup in the plate and having the other end anchored to the rotating member.

1,578,991. DIESTOCK. JAMES HIRST, Melrose, Mass. Filed Feb. 19, 1924. Serial No. 693,883. 1 Claim. (Cl. 10—127.)



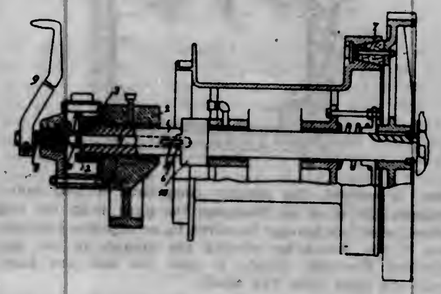
A die stock comprising a body, two dies arranged within an opening in the body, means permitting relative adjustment of the dies to vary the width of the space between them, and a tubular guide for the article being threaded supported on the body and projecting laterally from one face thereof, the bore of said guide including a section, extending outward from the end adjacent the dies and having throughout its length a uniform diameter corresponding to that of the article to be threaded, providing means for engaging a considerable length of said article and preventing any tipping or lateral movement thereof relative to the dies, for insuring proper starting of the thread, the guide being movable longitudinally of the body out of alignment with the space separating the dies, whereby it may be positioned so as not to interfere with cutting a thread throughout the length of a bolt or rod.

1,578,992. WEATHER STRIP. CARL F. HOFFBAUER, Montclair, N. J., assignor of one-half to Ib Nyboe Pasgaard, New York, N. Y. Filed May 29, 1925. Serial No. 33,642. 1 Claim. (Cl. 20—69.)



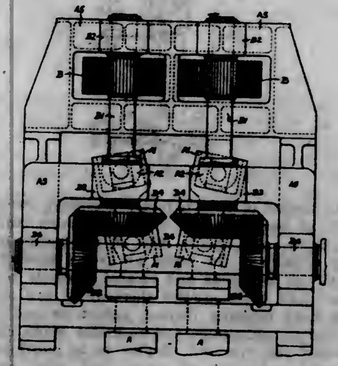
The herein described composite weather strip comprising a supporting member, a pair of resilient strips extending along said member upon opposite sides thereof and secured to said member, the free edges of said strips being beaded and spaced from said member to contact a second member movable relatively thereto, one of said strips extending from an end of said supporting member past the mid-point thereof, while the other strip extends from an opposite end of said member and terminates at a point somewhat beyond said mid-point, the beaded portions of said strips being associated with cushioning means therein whereby the vibrations of said strips are eliminated.

1,578,993. CLUTCH-CONTROL MECHANISM FOR HOISTS. HERBERT GLENN HOLMES, Lansing, Mich., assignor to Novo Engine Company, Lansing, Mich., a Corporation of Michigan. Filed Feb. 28, 1924. Serial No. 695,645. 1 Claim. (Cl. 192—97.)



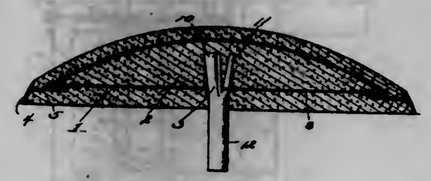
The combination in a hoist, with a hoisting drum, a clutch, a push rod, a thrust pin for bringing said clutch into action and actuating means in operating relationship to said thrust pin, of a soft metal thrust block between said means and thrust pin, and a removable collar mounted on said means and closely fitting said thrust block and retaining it in position.

1,578,994. UNIVERSAL PLATE-ROLLING MILL. THOMAS EDMUND HOLMES, Glasgow, Scotland. Filed Mar. 21, 1924. Serial No. 700,852. 1 Claim. (Cl. 80—54.)



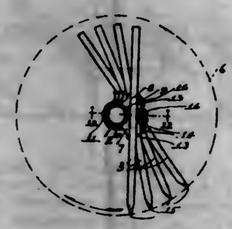
In a universal plate rolling mill including a horizontal roll shaft, laterally adjustable vertical rolls, vertical roll shafts, one shaft for each roll, above said rolls, said vertical shafts rotatable in fixed bearings, universal couplings detachably connecting the lower ends of said vertical shafts to the upper ends of said rolls, pinions on said vertical shafts, pinions meshing with the first mentioned pinions, verical pinion shafts carrying the second mentioned pinions, bevel wheels on said pinion shafts, each bevel pinion located at a level intermediate the upper end of the corresponding roll and the lower end of its roll shaft, and bevel wheels facing one another on said horizontal roll shaft meshing with said first mentioned bevel wheels.

1,578,995. TRAFFIC MARKER. PAUL R. HOSTETTER, York, Pa. Filed Oct. 2, 1924. Serial No. 741,266. 9 Claims. (Cl. 94—1.5.)



1. A traffic marker formed of refractory substance having the top and base faces asymmetrical, and a metallic reinforcement embedded therein comprising an annular nosing, and reinforcing elements secured to said nosing and bridging the space thereacross, said elements being spaced apart in the direction of thickness of said marker some of said elements being arranged to conform substantially to the shape of the base and some being arranged to conform substantially to the shape of the top.

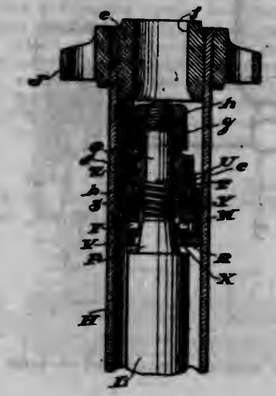
1,578,996. ROAD-MAKING MACHINE. HARRY A. HOXIE, Grand Rapids, Mich. Filed Sept. 6, 1923. Serial No. 661,167. 2 Claims. (Cl. 262—19.)



1. In a machine of the character described: a vehicle; a horizontally disposed shaft rotatably mounted thereon; a pick bar carried by the shaft extending transversely thereof; a pick bar-carrying member having a face and an oppositely disposed recess in which the shaft is received; a yoke having a bight in which the shaft is received and parallelly disposed threaded arms; a plate having openings therethrough receiving said arms; nuts on the threaded arms for clamping the pick bar in longitudinal adjustment between said plate and the face of said member, and said member and yoke in longitudinal and turned adjustment on the shaft.

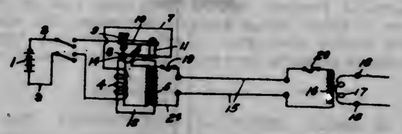
1,578,997. AIR-FEED BRAKE. GEORGE W. HULSEBUSH, Stewartsville, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Sept. 16, 1925. Serial No. 56,648. 2 Claims. (Cl. 121—9.)

1. In an air feed brake for a fluid actuated rock drill, the combination of a feeding cylinder with a fluid actuated piston, a rod for said piston and slidable longitudinally with respect thereto, a conical extension on said rod, frictional members in said piston, and radially extending plungers slidable in the piston to abut at one end the conical extension and to abut at the other end



the frictional members to force said members outwardly against the cylinder and prevent recoil of the cylinder during the operation of the drill when pressure fluid acts against the piston.

1,578,998. SHOT-FIRING SYSTEM. JOHN J. JAKOSKY, Pittsburgh, Pa., assignor of one-third to Edward Steidle, Pittsburgh, Pa. Filed Mar. 7, 1925. Serial No. 13,745. 5 Claims. (Cl. 102—10.)

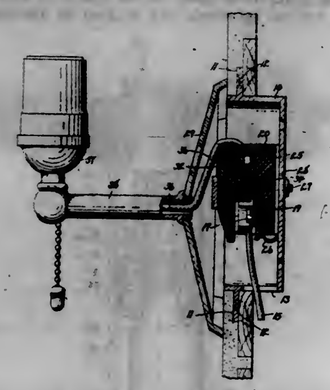


5. A shot firing system, comprising a current generating unit consisting of a battery, a battery circuit, means for interrupting the flow of current through said circuit at a rate much higher than the frequency of commercial alternating currents, and a transformer having a primary in said circuit for inducing in its secondary a high voltage low amperage alternating current of the same frequency as the rate of interruption of said battery circuit; a second transformer tuned to transform said generated alternating current to one of low voltage and high amperage, and long lead conductors closing a circuit between said second secondary of said first-named transformer and the primary of said second-named transformer whereby the second-named transformer may be placed close to a charge to be fired and said generating unit at a safe distance from it.

1,578,999. OUTLET BOX AND PLATE THEREFOR. GUSTAVE E. KASCHUB, Meriden, Conn. Filed Mar. 16, 1923. Serial No. 625,482. 4 Claims. (Cl. 173—330.)

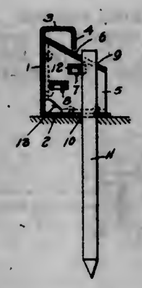
1. The combination with an outlet box formed on opposite sides with integral, inclined guideways, and

with sockets at the lower ends thereof, of a contact-block arranged between the said guideways, and a face-plate



provided with inclined pins adapted to enter the said sockets.

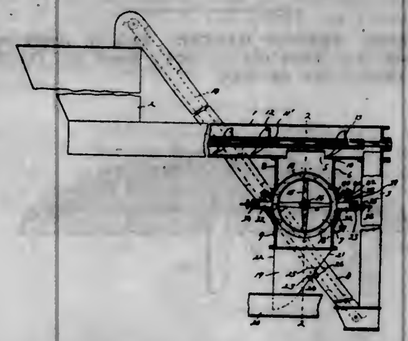
1,579,000. ROAD-BUILDING FORM. BERNARD H. KRESTING, Ben Avon, and VERE B. EDWARDS, Coraopolis, Pa., assignors to The Dravo Contracting Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed May 7, 1925. Serial No. 28,626. 7 Claims. (Cl. 25—118.)



1. A form for road building including a channel-shaped member adapted to stand with its medial web presented in vertical position to the work, said channel-shaped member carrying within the channel a stake-box with inclined and ported upper wall, and a wedge borne by and movable in its bearing in the stake-box, arranged opposite the lower rim of the port in the said upper wall and adapted to cooperate with the opposite rim of the port in gripping an introduced stake.

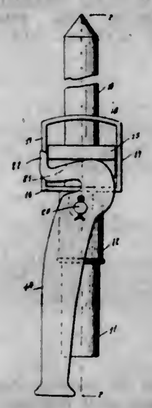
1,579,001. ROTARY FEEDER. GEORGE F. KEY, Detroit, Mich. Filed June 6, 1923. Serial No. 643,663. 11 Claims. (Cl. 198—85.)

1. In an apparatus of the class described, the combination with a storage tank containing comminuted material, of a tube leading from the tank and having a takeoff opening therein, a casing secured to the tube about the opening, a member communicating with said tube, a conveyor in the tube having blades upon one side of the opening for moving the material from the tank to the casing, a delivery conduit, means in the casing for transferring the material in measured quantities from the casing to the conduit, said conveyor also having one or more blades upon the opposite



side of the opening in said tube for moving any overflow from the casing into the member aforesaid, and means for returning to the tank the material received by said member.

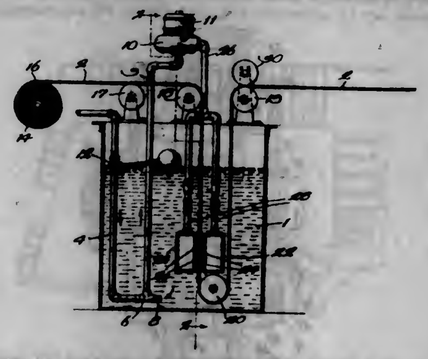
1,579,002. VISE-POST LOCK. ARTHUR A. KOCH, Albert Lea, Minn. Filed Dec. 27, 1924. Serial No. 758,480. 2 Claims. (Cl. 81—41.)



1. A vise post operating and locking means, the same comprising a sleeve adapted to be fitted to a section of the post, a post grip and an operating cam lever mounted upon said sleeve on a transverse axis and adapted to coact with the post grip, said lever having a stop to engage the post grip and prevent overthrowing of the lever when operating the post grip.

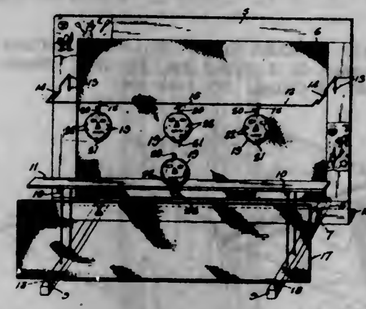
1,579,003. METHOD OF AND APPARATUS FOR IMPREGNATING FELT AND THE LIKE. HENRY C. KOCH, Chicago, Ill. Filed Jan. 7, 1925. Serial No. 982. 3 Claims. (Cl. 91—46.)

1. Apparatus for impregnating a strip of fabric with a liquid, the apparatus having a tank for containing the liquid, guides for leading the strip down into and up out of the shank, a jetting unit located within the tank and facing the strip, the surface of the unit facing the strip being foraminated, a pump for forcing the liquid through the foraminca and against the strip, and



an intake from the pump below the level of the liquid whereby the liquid is circulated by means of the same mechanism which forces the liquid into the strip.

1,579,004. GAME. ALEXANDER F. KOLINSKI, Milwaukee, Wis. Filed Mar. 2, 1925. Serial No. 12,578. 9 Claims. (Cl. 273—102.)



1. In a game, the combination of a rack member having a depending attaching member, a base portion, and a magnet secured to the rack member, and a target arranged for engagement with the attaching member, the base portion, and the magnet.

1,579,005. WIRE CLAMP. PALLED BERTRAM KROUT, Narberth, Pa. Filed Jan. 26, 1925. Serial No. 4,967. 21 Claims. (Cl. 24—135.)

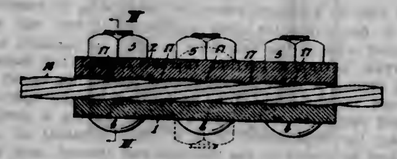


1. In a wire cable clamp; the combination with a metal block having a groove extending longitudinally therein, of different widths in different regions thereof; such widths respectively corresponding with the exterior diameter of a cable and with the diameter of a core congeries of wires in said cable; said groove having flutes in the bottom thereof corresponding in spiral curvature with the pitch and lay of the wires in the cable; said block having pairs of bolt holes extending therethrough at intervals in the length of said groove bearing an aliquot relation to the spiral pitch of said wires and

flutes, and in planes where two flutes are in symmetrical relation with said groove at the bottom thereof; of U-bolts fitted to said holes, having bights extending transversely, obliquely, across said groove, at respective regions of minimum diameter of the cable positioned therein by said flutes, and having their free ends screw threaded; and nuts respectively engaged with the ends of said bolts and bearing against said block; said bolts having their ends diverged from their bights, whereby said nuts extend in planes transverse to each other, and said block having faces at right angles to the axes of said bolt ends, for seats for said nuts; whereby a cable may be clamped by bolted engagement with both its exterior periphery and the periphery of its core wires

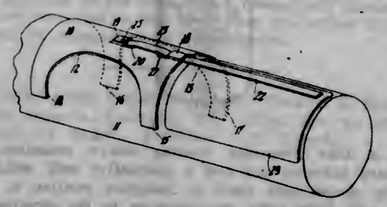
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1,579,006. WIRE CLAMP. PALLED BERTRAM KROUT, Narberth, Pa. Filed Nov. 2, 1925. Serial No. 66,288. 4 Claims. (Cl. 24—135.)



1. In a wire cable clamp; the combination with a metal block having a groove extending longitudinally therein, corresponding with the exterior diameter of a cable; said groove having flutes in the bottom thereof corresponding in spiral curvature with the pitch and lay of the wires in a cable; said block having a bolt hole extending therethrough; of a second metal block having a bolt hole extending therethrough in registry with said bolt hole in the first metal block, and having a groove extending longitudinally therein, corresponding with the exterior diameter of a cable, and adapted to register with the groove in said first block and having projections in said second metal block arranged to respectively register with regions of minimum diameter of a cable positioned in said clamp by said flutes; and a bolt arranged to extend through said registered bolt holes and having a nut; whereby said blocks may be compressed toward each other to clamp a cable at regions of minimum diameter.

1,579,007. TYPEWRITING MACHINE. ALFRED G. F. KUROWAKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 28, 1923. Serial No. 670,262. 4 Claims. (Cl. 197—136.)



1. In a typewriting machine, the combination with a rotary platen, of a card or label holding device comprising a plate of resilient sheet-material curved to conform to the curvature of the platen when the holder is distended, and of such width as securely to clasp the platen by reason of such resiliency, and a resilient clip-finger set and secured to the plate and projecting laterally therefrom, longitudinally of and against the platen; the plate being shaped to provide two spaced, platen-gripping tongues on the edge thereof, of a resiliency to permit easy placement and removal of the device.

1,579,008. WIRE TERMINAL CONNECTER. JAMES LAKE, Jr., New York, N. Y., assignor to George G. Erb, New York, N. Y. Filed May 21, 1921. Serial No. 471,838. 1 Claim. (Cl. 173—269.)



An electric terminal connecter comprising in combination a flat connecter strip apertured at one end and provided with spring attaching jaws at its opposite end, a ferrule having a portion thereof formed for engagement around a cable terminal and having an eyelet at one end thereof adapted to be inserted in the aperture of said connecter strip, and a ferrule having a portion formed for engagement over a cable terminal at one end and an eyelet in the opposite end thereof, said last named ferrule eyelet having an upstanding shank for engagement of a cable there-around, said shank being formed for insertion through the ferrule eyelet in said connecter strip and riveted thereover.

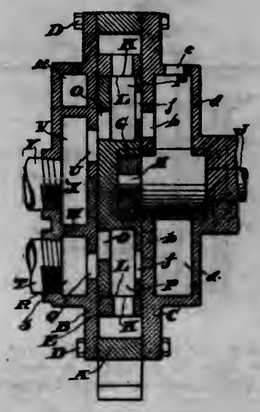
1,579,009. HIGH-FREQUENCY APPARATUS AND METHOD OF HEATING. IRVING LANGMUIR, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed May 23, 1924. Serial No. 715,482. 6 Claims. (Cl. 204—64.)



2. A high frequency heating device comprising a primary inducing coil and a conductive body which is partly closed upon itself in inductive relation to said coil, said body being discontinuous in the direction in which currents are induced.

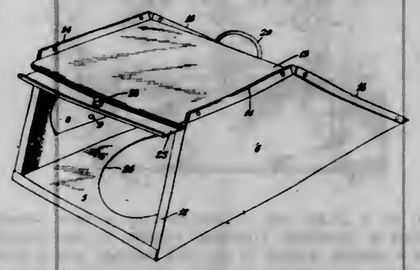
1,579,010. ENGINE. HYMAN LEVINE, Denver, Colo., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Nov. 27, 1925. Serial No. 71,807. 3 Claims. (Cl. 121—82.)

1. An engine comprising a cylinder having front and rear heads, a reciprocating frame piston within said cylinder, a rotary piston within said frame piston, a port in said rotary piston for each end face of the frame and rotary pistons, a set of inlet ports in the front head of said cylinder corresponding to said ports in the rotary piston, a set of exhaust ports spaced



from the set of inlet ports to cooperate with said ports in the rotary piston, and additional exhaust ports in the rear face of said rotary piston and the rear cylinder head for exhausting motive fluid from the engine.

1,579,011. BROILER HOOD. WILLIAM A. MCCLELLAND, Ridgewood, N. J. Filed Feb. 16, 1922. Serial No. 536,857. 2 Claims. (Cl. 126—300.)

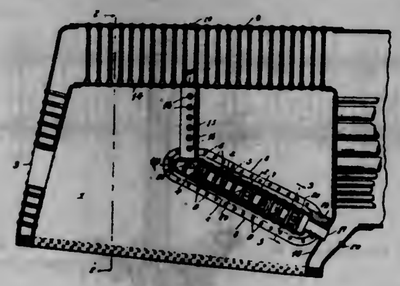


1. A cooking hood adapted to be used in connection with a cook stove comprising a box-like structure having an opening adapted to register with an opening in the top of the stove over which the cooking is done and further provided with an exit opening adapted to register with another opening in the top of the stove through which the cooking odors are adapted to be expelled, an arcuate shaped hinge member carried at one end of the box-like structure, and a door closure having closure supporting guides arranged within said box-like structure, a hinge portion normally interlocking with said hinge member but releasable therefrom, said closure being adapted to be swung about the axis of said hinge portion to sever its interlocking engagement with said hinge member to permit said closure to be thereafter moved rearwardly into said box like structure over said guides.

1,579,012. STEAM BOILER. ALEXANDER C. MCCLURE, Louisville, Ky. Filed Feb. 14, 1924. Serial No. 692,818. 1 Claim. (Cl. 122—63.)

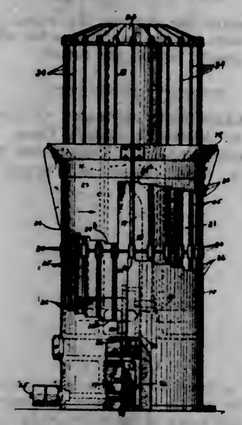
In a steam boiler, a hollow arch located in the rear portion of the fire box and inclined downwardly towards the rear wall thereof, said arch being made of sheet metal and having open ends secured to the inner walls

of the opposite sides of the fire box, said open ends having outwardly directed integral flanges secured to said inner walls by welding, the flanges being fluted to provide compensation for contraction and expansion of the boiler



plates, the lower end of said arch being spaced from the flue sheet at the rear of the fire box, tubes connecting the flue sheet and said lower end of the arch, and water columns connecting the upper end of the arch and the crown sheet.

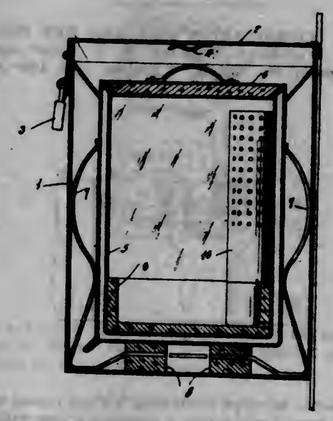
1,579,013. CORK-ROD-PACKING MACHINE. CHARLES E. MCMANUS, New York, N. Y. Filed Dec. 1, 1923. Serial No. 678,056. 12 Claims. (Cl. 18—5.)



1. A cork rod packing machine embodying therein a sequence of plungers of substantially uniform length, means reciprocating said plungers, a rotatable carrier for a plurality of tubes whereby said tubes respectively may be brought into operative relation to succeeding plungers, supports for said plungers whereby each of said tubes will be held against downward movement with a plunger, said supports being of decreasingly graduated heights with relation to the plungers, whereby the tubes with each actuation of said carrier will be permitted to descend from one of said supports to the other, and means for delivering a measured quantity of cork composition to within each tube while upon each of said supports.

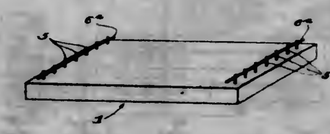
1,579,014. BOTTLE HOLDER. BENJAMIN L. MARETT, Olivia, Minn. Filed Oct. 28, 1924. Serial No. 746,269. 2 Claims. (Cl. 220—9.)

1. A holder of the character specified comprising a refrigerator having a food compartment, and an ice receptacle within said compartment, said receptacle being open adjacent the top and in communication with the space of the compartment, the lower portion of the receptacle being imperforate for the purpose specified, a lining within said compartment, said receptacle be-



ing located snugly at one corner of the chamber and having the imperforate portion reduced intermediate its ends to provide a shoulder engaging the upper edge of said lining.

1,579,015. CEILING CONSTRUCTION. HERBERT E. MARKS, Glen Osborne, Sewickley, Pa. Filed Mar. 1, 1924. Serial No. 696,210. 5 Claims. (Cl. 72—68.)



1. A ceiling slab comprising a body of cementitious material provided with reinforcing strands extending longitudinally of it, the extremities of said strands projecting upwardly through said body at points spaced from the ends of the body, and a transversely extending member connected to said projecting extremities of said strands for engagement by slab-supports.

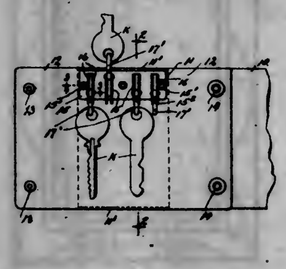
1,579,016. ROOF CONSTRUCTION. HERBERT E. MARKS, Glen Osborne, Sewickley, Pa. Filed Apr. 20, 1925. Serial No. 24,227. 5 Claims. (Cl. 108—6.)



1. A roof comprising spaced purlins, preformed slabs of cementitious material supported at their ends by the purlins, the upper portions of the adjacent sides of said slabs being offset to form gutters between the slabs, layers of waterproofing material covering the tops of the slabs and extending downwardly over said gutter-form-

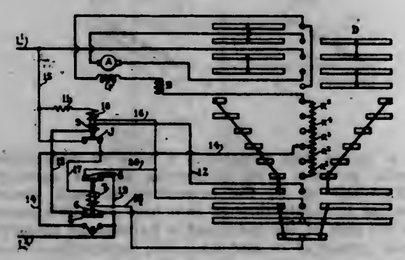
ing sides of the slabs, and monolithic bodies of cementitious material formed in said gutters and sealing the lower edges of said waterproofing layers, the tops of said bodies being below the plane of the tops of the slabs and being waterproof.

1,579,017. COMBINATION BILL AND KEY FOLDER. MAX J. MARYMONT, Brooklyn, N. Y. Filed Apr. 15, 1925. Serial No. 23,246. 3 Claims. (Cl. 150—40.)



3. A folder for keys comprising a rigid means fixed to the inner face of said folder, a plurality of key supporting members movably carried by said rigid means and means for retaining individually said key supporting members in position, when not in use.

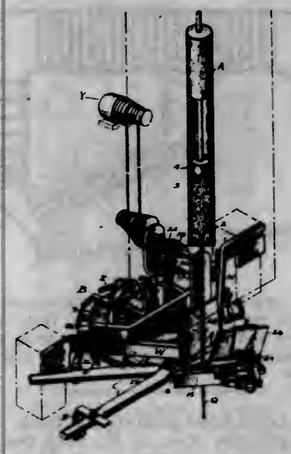
1,579,018. ELECTRICAL CONTROLLER. WILLIAM R. MILBURN, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Aug. 5, 1922. Serial No. 579,869. 9 Claims. (Cl. 172—179.)



1. A controller for electric motors comprising regulating resistance for the motor, means for excluding and including said resistance, and means acting independently of the former means for insuring inclusion of a predetermined value of said resistance in circuit with the motor under predetermined conditions before or after completion of said resistance excluding operation and for maintaining said predetermined value of resistance in circuit pending a given subsequent operation of said first mentioned means.

1,579,019. MACHINE AND PROCESS FOR PREPARING QUARTZ. LEVI B. MILLER, Lynn, Mass., assignor to General Electric Company, a Corporation of New York. Filed July 18, 1924. Serial No. 726,865. 29 Claims. (Cl. 49—1.)

1. In a machine for cutting plastic quartz, a cutter, means for squirting the plastic quartz through an opening into operative relation with respect to the cutter for cutting purposes, means for seizing a length of the plastic quartz before the cutting operation is performed,



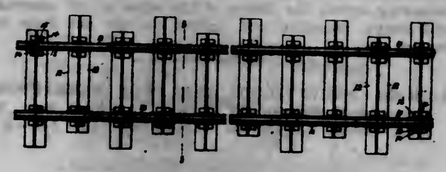
said cutter adapted for cutting the seized length from the squirted plastic quartz, and means for advancing the cut lengths of quartz beyond the cutter.

1,579,020. PULLER FOR PRIMARY CUT-OUT PLUGS. ELLSWORTH F. MINER, Litchfield, Conn., assignor to General Electric Company, a Corporation of New York. Filed June 2, 1925. Serial No. 34,460. 5 Claims. (Cl. 81—3.)



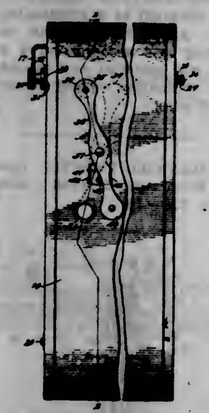
1. A plug puller comprising a hooked member having provision for receiving the end of a plug sidewise therein, and a guard member swiveled relatively to the hooked member and adapted upon rotation of said hooked member relative to the plug to retain the plug in engagement with said hooked member.

1,579,021. RAILWAY-TIE CONSTRUCTION. GEORGE W. MULLER, Washington, D. C. Filed July 9, 1925. Serial No. 42,589. 9 Claims. (Cl. 238—27.)



8. In a railway tie construction, a plurality of staggered groups of connected ties.

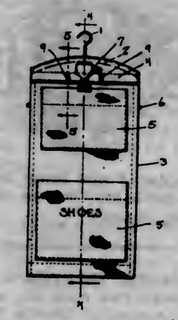
1,579,022. PHOTOGRAPHIC CAMERA. DAVID A. MURRAY, Santa Monica, Calif. Filed Nov. 9, 1922. Serial No. 599,767. 4 Claims. (Cl. 95—31.)



1. In a camera, the combination with a casing adapted to have a numbered roll-film mounted therein and provided with an aperture through which the numbers may be seen as full-length sections of film are successively brought into position for exposure, and an auxiliary aperture so located that the numbers may be seen when the film is in an intermediate position, of screen mechanism manipulated from the exterior of the casing adapted to be brought into or out of use so as to cut down the area of exposure to an automatically-determined fraction of a full-length section of the film, and a cover for said apertures constructed so that it can be brought into cooperation with only one of said apertures at a time thereby furnishing an indication as to whether the film is being operated for full length or fractional length exposures.

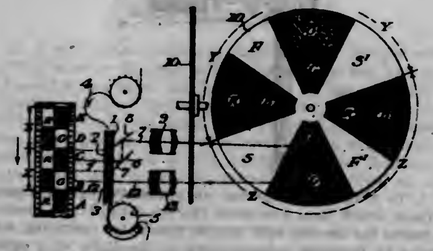
1,579,023. CLOTHES HANGER. DALTON B. MYERS, Los Angeles, Calif. Filed Dec. 26, 1922. Serial No. 608,900. 2 Claims. (Cl. 223—62.)

1. A clothes hanger comprising a curving rigid member adapted to hold coats from their shoulder portions, a fabric member supported at one end from said rigid member and having a plurality of pockets suspended therebelow for separately receiving articles of clothing, means for suspending trousers and preventing their creasing,



and a hat clasp secured and positioned on said fabric member to extend through the neck portion of a coat when held on said rigid member.

1,579,024. METHOD OF AND APPARATUS FOR MOTION-PICTURE PROJECTION. FREDERICK T. O'GRADY, Flushing, N. Y., assignor to Helen Vogt O'Grady, Flushing, Long Island, N. Y. Filed Dec. 12, 1923. Serial No. 680,135. 3 Claims. (Cl. 88—16.4.)

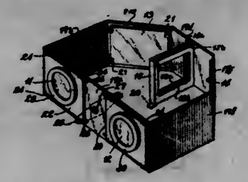


1. The method of projecting motion pictures in colors from a positive film having a series of successive pictures arranged thereon in alternating color selective images, consisting in projecting the color selective images in pairs simultaneously, superimposing said simultaneously projected pictures on the viewing screen, moving the film through the projection mechanism one picture area at a time whereby each image will be projected twice on the screen, once with the preceding image and once with the following image, providing orange, red, green and blue color screens, and changing said screens to correspond with the changes in the color selective images in the projecting mechanism, whereby each image of one selective color will be projected twice through orange and red screens and each image of another selective color will be projected twice through green and blue screens.

1,579,025. STEREOSCOPIC APPARATUS. FREEMAN H. OWENS, New York, N. Y. Filed May 7, 1924. Serial No. 711,574. 8 Claims. (Cl. 88—31.)

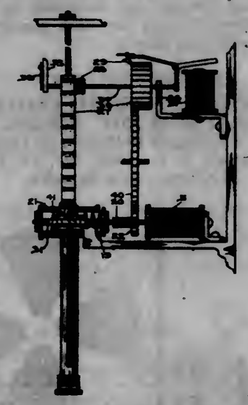
1. A stereoscopic viewing apparatus comprising a pair of optical viewing devices occupying right and left eye positions, means for locating an image carrying element in a median plane intermediate the optical viewing devices and in a region substantially midway between the

axes of the optical devices, said element being provided with images viewable from opposite sides of the same, and reflecting means arranged behind the optical devices



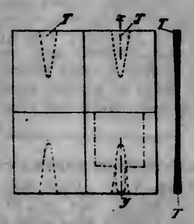
and on opposite sides of said image locating means for relating each of the optical devices with an image on said image carrying element.

1,579,026. AUTOMATIC TELEPHONE SYSTEM. WILLIAM WALTER OWEN, Oak Park, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Mar. 10, 1919. Serial No. 281,779. 16 Claims. (Cl. 179—27.5.)



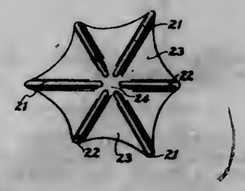
1. In a telephone system, an automatic switch having wipers, trunk lines accessible thereto divided into groups, a motor for moving said wipers, means for operating said motor by impulses corresponding to the digits of a called number, a revolving armature for said motor and means for causing said armature to first move said wipers in one plane and then in another plane in response to said impulses to seize one of said trunk lines.

1,579,027. PROCESS FOR THE MANUFACTURE OF TOOLS OR IMPLEMENTS. ARMAND PAILLONCY, Chenecière, France. Filed June 12, 1924. Serial No. 719,628. 1 Claim. (Cl. 76—113.)



The process of manufacturing tools which consists in first heating a mass of metal, piercing the mass at opposite sides to provide opposed aligned openings for forming sockets, then rolling the mass into plate form in a direction longitudinal to lines passing through said aligned openings, cutting the plate into as many blanks as there are to be tools and in each of which the part which will form the socket is centered with respect to the opening therein, cutting from each blank a tool of substantially the approximate shape desired with a tang extending within the limits of the edges of the opening, and finally reheating and rolling the cut out piece to correct size.

1,579,028. FRUIT JUICE AND PULP EXTRACTOR. RAYMOND E. PONDER, St. Louis, Mo. Filed Sept. 3, 1924. Serial No. 736,593. 11 Claims. (Cl. 146—3.)



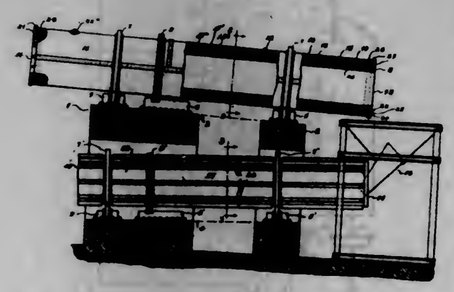
1. A fruit juice and pulp extractor, comprising, a frame, a spindle mounted at a substantial inclination for rotation thereon, an extracting head on said spindle, means for rotating said spindle and a pan adapted to receive the extracted material and inclined substantially parallel with the inclination of said spindle so as to drain off the juices and pulp.

1,579,029. MECHANICAL PENCIL. CONSTAN E. HANG, Chicago, Ill. Filed Apr. 2, 1923. Serial No. 628,352. 4 Claims. (Cl. 120—18.)



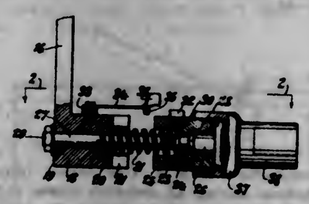
1. A pencil, comprising a shell, a screw shaft rotatably mounted in the shell, means preventing accidental longitudinal movement of said shaft, an operating head on the shaft and positioned outwardly of one end of the shell, a guide member telescoped over the screw shaft, a nut on the outer end portion of the guide member in which the screw shaft is threaded, a lead holder slidable in the inner end of the guide member, an end guide member mounted in the end of the shell remote from the operating head, a guide extension carried by the end member and having its inner end slidable in the lead holder and screw shaft, and, means carried by the lead holder for securing the inner end of a lead therein, the outer end projectable outwardly of the shell through the end member.

1,579,030. TUBULAR PROCESSING APPARATUS. HOMER L. RANK and HURXTHAL F. FERGER, Canton, Ohio. Filed Dec. 31, 1924. Serial No. 759,216. 15 Claims. (Cl. 263—32.)



3. A tubular processing apparatus including an outer tubular shell, an inner tubular shell, a chamber between the shells, means closing the ends of the chamber, and a tubular trussed structure in the chamber spacing and maintaining the shells.

1,579,031. AUTOMATIC DISENGAGEABLE CRANK. LEON REIDER, Brooklyn, N. Y. Filed Jan. 26, 1925. Serial No. 4,640. 2 Claims. (Cl. 123—185.)



2. A safety crank comprising a lever provided with a handle at one end and a hub at the other, a sleeve, a spindle connecting said sleeve and hub, a spring encircling the spindle to press the sleeve away from the hub, clutch elements carried co-operatively by said hub and sleeve, a latch pivoted to said hub, a pin fixed in said sleeve engageable by said latch whereby said clutch elements are held in operative engagement, an adapter carried by said sleeve, a spring interposed between said lever and the handle thereon, and means for releasing the latch upon completion of handle movement.

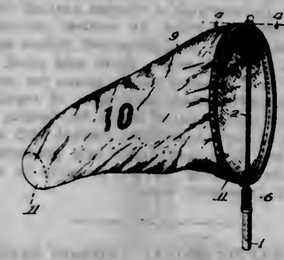
1,579,032. PROCESS OF MAKING A VITRIFIED COMPOSITION. FRANÇOIS RICHARD, Cleveland, Ohio. Filed Dec. 4, 1920. Serial No. 423,889. 3 Claims. (Cl. 25—156.)

1. The process of making a vitrified insulator which consists in mixing a natural clay containing about fifty-six per cent of silica, about twenty per cent of alumina, about eight per cent of sesquioxide of iron, and alkalies, with enough water to make a plastic mass, molding to desired shape, heating to about 900° Fahrenheit and then raising the temperature to not over 1600° Fahrenheit and then maintaining the temperature at not over 1600° Fahrenheit whereby to wholly vitrify the mass and then allowing to cool.

1,579,033. PROCESS FOR THE MANUFACTURE OF SYNTHETIC EMERALD STONES. JOSÉ FERRER RIERA, Barcelona, Spain. Filed Oct. 4, 1924. Serial No. 741,779. 1 Claim. (Cl. 106—36.1.)

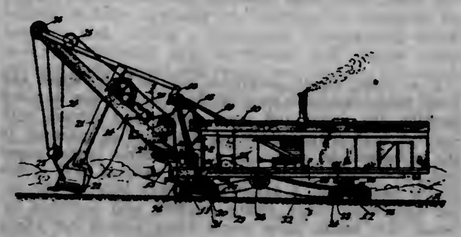
A process of manufacture of synthetic emerald stones consisting in fusing a mixture of silica, tinted with green or greenish colouring material, with hydrated or anhydrous oxide of glucinium and with alumina together with substances to act as flux, subsequently breaking or dividing up the fused mass obtained into fragments of determined size and heating the fragments anew in order to soften them, and finally subjecting the softened fragments to moulding or compression for the transformation of their appearance.

1,579,034. GOLF-GREEN INDICATOR. EDWARD GEORGE ROBERTS, Chicago, Ill., assignor to J. Oliver Johnson, Inc., Chicago, Ill., a Corporation of Illinois. Filed Nov. 12, 1925. Serial No. 68,631. 8 Claims. (Cl. 116—174.)



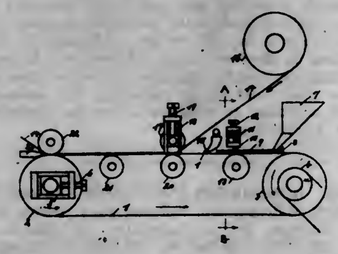
6. A golf green indicator comprising an upright pole, a ring member disposed in a vertical plane and swiveled adjacent to its upper and lower edges to the pole, and a tapering tubular cloth member open at both ends and having its larger end formed into an annular hem housing the major portion of the ring member, the ring member being constructed of a wire having one end detachable from other end thereof to permit the insertion of the ring into the said hem.

1,579,035. LEVELING DEVICE FOR STEAM SHOVELS. MICHAEL B. RYAN, Los Angeles, Calif. Filed May 21, 1925. Serial No. 31,839. 9 Claims. (Cl. 105—149.)



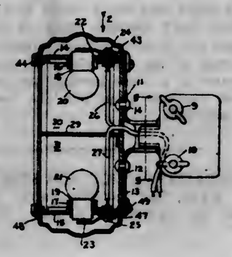
2. In a steam shovel, a cam rotatably mounted on an axle of a truck of the steam shovel, a member secured to the underside of the shovel directly above said cam, a cable connecting said cam with the hoisting drum of the steam shovel, said cam adapted to engage said members secured to the underside of the shovel and elevate one end of the steam shovel when the hoisting drum is rotated and means for retaining the end of the steam shovel in elevated position.

1,579,036. COATING OF WEBS OF PASTEBOARD, FABRIC, OR THE LIKE. LUDWIG SCHWABE, Hamburg, Germany. Filed May 21, 1924. Serial No. 714,779. 3 Claims. (Cl. 91—54.)



1. A device for applying a viscous coating mass to a layer of material including an endless movable band, drums over which said band is passed, rollers supporting said drums, a scraping device above said band, pressure rollers behind said scraping device, means for continuously applying a coating mass in a layer of regular thickness on to said endless band, means for feeding one surface of a web or paste board into contact with said coating as said web is passed under said pressure rollers, and means for applying further pressure to said web before passing from said band.

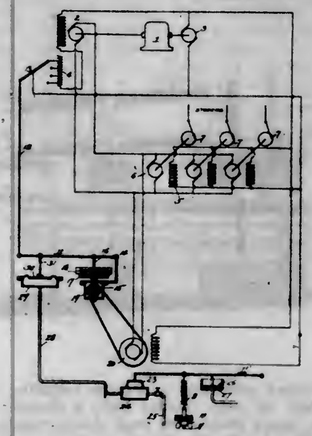
1,579,037. TRAFFIC SIGNAL. RICHARD SMITH, Yuma, Ariz. Filed Apr. 1, 1925. Serial No. 19,850. 2 Claims. (Cl. 177—329.)



2. A traffic signal comprising a back plate, upper and lower heads extending from the back plate, posts mounted between the upper and lower heads and formed with vertical confronting slideways, glass plates mounted in the slideways, an upper and a lower cover on the upper and lower heads, means removably securing said covers to the said heads, a partition halfway between the upper and lower heads, means securing said partition between said heads, glass plates being colored red above the partition and blue below the partition and the words "Right" appearing above the partition and "Left" below the partition, and lamps secured to the heads on the inside thereof.

1,579,038. MOTOR REGULATOR. CHARLES H. SMOOT, Maplewood, N. J. Filed Feb. 27, 1925. Serial No. 12,112. 5 Claims. (Cl. 172—239.)

1. In a control system for variable speed motors, the combination comprising a generator supplying variable voltage, means for varying the voltage of the generator, means responsive to work requirements for adjusting such variation means, centrifugal governor means for counter-



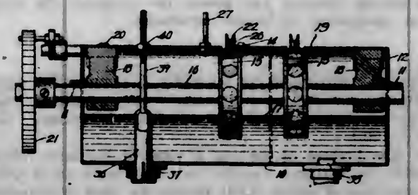
balancing said adjusting means, and variable speed electric motors in circuit with the said generator, one of which is used for driving the centrifugal governor means.

1,579,039. SAW BLADE. WILLIAM C. STEFFAN, FRANK B. ACKERMANN, and WALTER J. GREINER, Chicago, Ill. Filed Dec. 29, 1924. Serial No. 758,736. 6 Claims. (Cl. 145—31.)



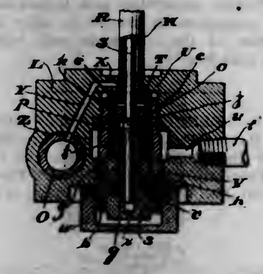
3. In combination with a saw frame including a clamping member having an undercut recess and a slot intersecting the same, a blade having its end portion formed to provide a laterally projecting flange, said flange being disposed in parallelism with the contacting undercut wall of the recess.

1,579,040. YARN-DYEING DEVICE. GEORGE T. THOMAYER, Albany, N. Y., assignor, by mesne assignments, to Economy Dyeing Machine Corporation, Albany, N. Y., a Corporation of New York. Filed Oct. 17, 1924. Serial No. 744,098. 6 Claims. (Cl. 8—18.)



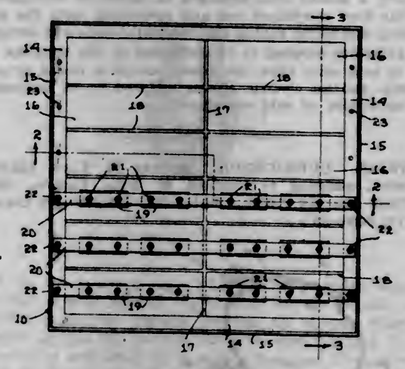
1. Apparatus of the type described which comprises, a dye tank, a cover for said tank, said cover having an opening therein, a power shaft means mounted from said cover to support the power shaft, a dye wheel on said shaft projecting into said opening, the cover, supporting means, power shaft and dye wheel being removable as a structure from said tank.

1,579,041. WATER-TUBE CONNECTION. GROVER G. TUTTLE, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Sept. 11, 1925. Serial No. 55,682. 2 Claims. (Cl. 121—10.)



1. In a fluid actuated rock drill, the combination of a cylinder with a back head, a recess in said back head, a tubular water plug in said recess, an air tube supported in the back head, a flange on said air tube to seat on the bottom of the recess, a water tube arranged concentrically in the air tube and extending through the water plug, said water tube having a bulb near one end, a spring pressed retainer slidable on the water tube for holding the air tube on its seat, a recessed water tube guide slidable in the water plug, and a spring in the water tube guide for holding the bulb yieldably against said guide.

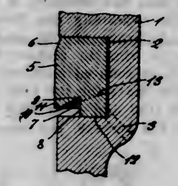
1,579,042. BRICK AND BLOCK MOLD. WILLIAM WATKINS, Oakland, Calif. Filed July 1, 1925. Serial No 40,904. 3 Claims. (Cl. 25—121.)



1. A mold of the kind described comprising an open frame, a skeleton frame insertible in the open frame and comprising a connected series of partition members dividing the space comprehended by the main frame into compartments, the main frame having a ledge bounding the side walls at the upper edge, and an upstanding flange extending throughout the length of the ledge at the outer edge of the latter.

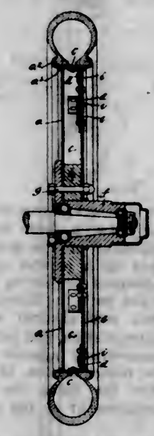
1,579,043. PISTON RING. ARTHUR A. WESTER, Denver, Colo. Filed Sept. 21, 1925. Serial No. 57,570. 2 Claims. (Cl. 74—109.)

1. A piston ring whose lower surface lies in two vertically spaced planes, said ring having a triangular shaped groove extending the entire length of its lower surface, the rear wall of said groove being perpendicular to the plane of the base and intersects the lower base plane, the inclined wall of said groove extending outwardly in



a downward direction and intersects the upper base plane a short distance from the outside of the ring so as to provide a narrow annular surface, said ring having openings connecting said groove with the rear thereof.

1,579,044. ROAD-VEHICLE WHEEL HAVING DETACHABLE TIRE. THOMAS WESTLEY, Dudley, England. Filed Mar. 13, 1923. Serial No. 624,824. 1 Claim. (Cl. 301—63.)

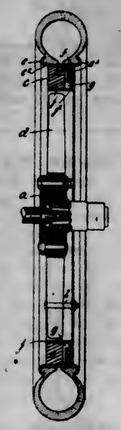


A vehicle wheel comprising an axle box, a disk secured to the axle box and having a peripheral tire-engaging flange, a rim flange secured at one side edge to the disk at the base of the peripheral tire-engaging flange, the said rim flange having angular locking plates secured thereto with the flanges of said latter plates projecting radially inwardly at intervals, a rotatable detachable disk having a peripheral tire-engaging flange with a cylindrical base to receive and engage under the outer edge of the rim flange, the rotatable detachable disk also having locking plate members secured thereto with the outer free extremities spaced therefrom to removably receive the inwardly projecting locking plates secured to the rim flange, and securing devices for uniting the disks and holding the detachable disk against rotation relatively to the said rim flange, the rotatable disk by its movement in one direction setting up a firm locking engagement of the locking plates with the locking plate members.

1,579,045. ROAD-VEHICLE WHEEL HAVING DETACHABLE SIDE RING. THOMAS WESTLEY, Dudley, England. Filed May 12, 1924. Serial No. 712,813. 1 Claim. (Cl. 152—21.)

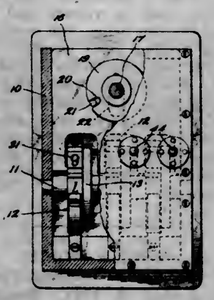
A vehicle wheel comprising a felly with a chamber formed in one side thereof, a metal ring fixed to the inner side of the felly and projecting outwardly to form a base closure for the chamber, a rim member fixed over

the felly and carrying one rim flange, a plurality of circumferentially arranged locking plates spaced apart on the rim member and projecting inwardly towards the center of the wheel into the chamber, a detachable side ring formed with the remaining rim flange to coact in opposition to the rim flange of the said rim member, keepers secured to the ring in regular spaced relation and provided with outer reduced portions standing away from the ring to form seats for the lock plates, the lock plates being movable into and outwardly from the seats provided therefor in the keepers, the inner opposing sur-



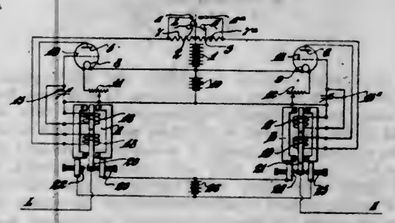
faces of the keepers and lock plates being beveled to set up a wedging action between these devices when in engagement, the engagement of the lock plates with the keepers being effected by a partial rotation of the detachable ring, the keepers projecting into the channel of the rim member and both the keepers and lock plates being enclosed within said channel and shielded from weather wear and deterioration, the detachable ring when applied abutting transversely against the edge of the ring secured to the inner portion of the felly, and a single securing device for fixing the side ring to the felly to prevent displacement of the latter.

1,579,046. KEYLESS LOCK AND PERMUTATION WHEEL FOR THE SAME. MEADE WILDRICK, Savannah, Ga., assignor to W-H Keyless Lock Company, Limited, Honolulu, Territory of Hawaii, a Corporation of the Territory of Hawaii. Filed Oct. 27, 1924. Serial No. 746,176. 4 Claims. (Cl. 70—53.)



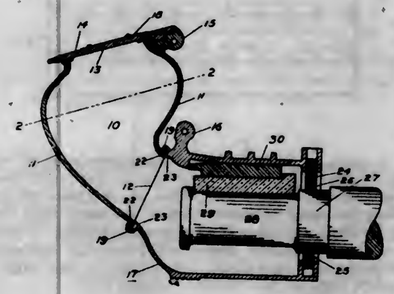
1. A lock comprising a casing, a lock mechanism including a plurality of independently settable permutation tumblers mounted in said casing, each of said tumblers comprising a concealed lock-controlling element and an indicia-bearing element exposed for manipulation through a slot in said casing, couplings normally preventing relative combination changing movements between the composite elements of said tumblers, and coupling-disabling means accessible from the exterior of the assembled lock whereby said couplings may be rendered ineffective, thereby permitting said indicia-bearing to be directly and independently moved to effect a change in the combination of the lock while said lock-controlling elements are held fast.

1,579,047. ELECTRIC-CIRCUIT-CONTROLLING MEANS. HAROLD FRANK WOODMAN, Croydon, England, assignor to Harold Frank Woodman and Creed & Co., Limited, Croydon, Surrey, England. Filed Dec. 16, 1925. Serial No. 75,838. 13 Claims. (Cl. 178—71.)



1. Electric circuit controlling means comprising a thermionic valve having an anode, grid and filament, an anode circuit including a high tension battery associated with said anode, a switch for closing and opening said circuit, a grid circuit associated with said grid, a low tension battery connected to said filament and to the anode and grid circuit, a coil arranged in the anode circuit, a second coil arranged in inductive relationship to the first mentioned coil and associated with the grid circuit, means for tuning the associated coils and circuits, an armature adapted to be oscillated by the impulses set up in said coils when the anode circuit is closed by said switch and an electric circuit adapted to be controlled by oscillation of said armature.

1,579,048. LUBRICATOR. RODNEY H. YALE, Lincoln, Nebr., assignor to Rexford W. Yale, Lincoln, Nebr. Filed Aug. 23, 1923. Serial No. 658,962. 4 Claims. (Cl. 308—83.)



4. In combination, a journal, a bearing and supporting elements therefor, a container having its middle portion enlarged on two or more of its sides and adapted to confine a relatively large store of non-fluid lubricant in communication with said journal and bearing and so positioned that it will supply the journal and bearing with new lubricant when vibrated or jarred.

1,579,049. RETARDATION DEVICE. CHESTER D. AINSWORTH, Wollaston, Mass., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed May 19, 1921. Serial No. 471,004. 10 Claims. (Cl. 175—372.)



1. A retardation device including a cylinder, and a piston therefor including a stem having a fluid passage therein which has an opening at the top of the stem and a second and lower opening in the side of the stem, and a sleeve conformed with and movably fitting within said cylinder and surrounding and free for axial movement on said stem to control fluid flow through said fluid passage.

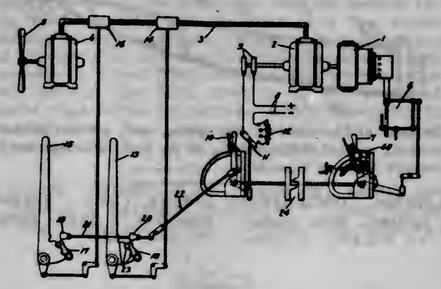
1,579,050. WIRE CONNECTION FOR ELECTRIC PLUGS. ORGERIO ABRADINI, Fairbank, Pa. Filed Nov. 11, 1922. Serial No. 600,330. 2 Claims. (Cl. 173—361.)



1. In combination, an electric plug provided with a contact, a stud applied to the plug and in electric connection with the contact thereof, an electric wire, a socket applied to the electric wire and adapted to be coupled to said stud by a snap action and to relatively turn to prevent torsional strain on the wire, and a cap receiving the wire and having screwthread connection with the plug and adapted to prevent casual separation of the socket from the stud.

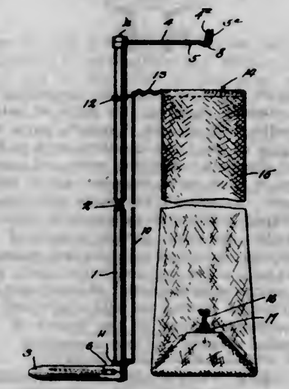
1,579,051. ELECTRIC SHIP PROPULSION. ERNST F. W. ALEXANDERSON, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Dec. 11, 1920. Serial No. 429,858. 8 Claims. (Cl. 172—8.)

1. A ship propulsion system wherein a prime mover driven generator is arranged to supply current to a propeller driving motor and wherein means are arranged to control the generator and motor connections for maneuvering purposes, and wherein governing and speed adjusting means are arranged to control the prime mover, characterised by the fact that a stop mechanism is arranged normally to prevent movement of said speed adjusting means to a position below that where maneu-



vering may be successfully accomplished, and by the fact that said stop mechanism is arranged to be rendered ineffective where it is desired to run continuously at low speed.

1,579,052. FRUIT PICKER. MAUDE VAN NORMAN ALTVATER, Grant Orchards, Wash. Filed July 3, 1925. Serial No. 41,308. 2 Claims. (Cl. 56—335.)

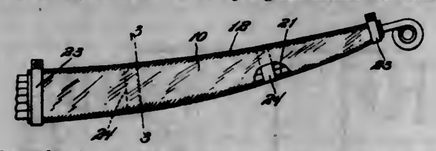


1. A fruit picker comprising a tubular member with a rod arranged to rotate therein, said rod extending at its ends beyond the ends of the tubular member, a handle fixed to one end of the tubular member and a cooperating handle carried by the projecting end of the rod, a spring mounted between said handles to normally force them apart, a laterally extending cutting blade carried by the other projecting end of the rod and a cooperating blade carried by the adjacent end of the tube and fixed thereto, said blades being arranged in lapping relation and provided at their outer ends with cup-like cutting elements, the cutting edges of one of said elements being notched to receive and hold the stem of fruit to be cut.

1,579,053. SPRING COVER. JOSEPH C. ANDERSON, Algoma, Wis. Filed June 9, 1925. Serial No. 36,028. 1 Claim. (Cl. 267—37.)

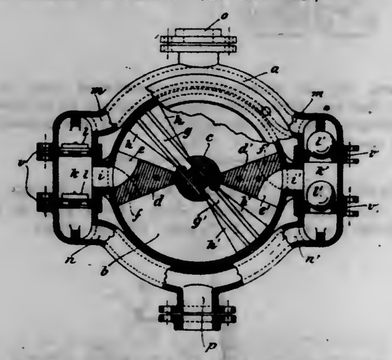
1. A spring cover for the leaf springs of vehicles comprising a tapered strip of material having at its longitudinal edges metallic strips attached thereto and having

their free edge portions oppositely reverted to provide interengaging hooks whereby the strip of material may be held in position about the spring and means for seating



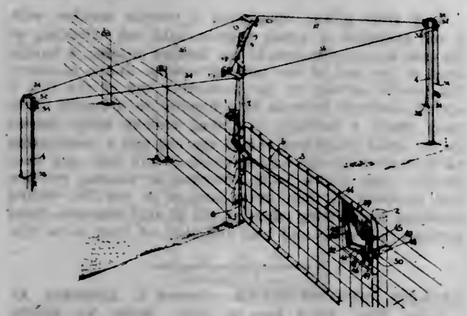
the ends of the cover to the spring, each of said hooked portions of said strips having in its bight a compressible element forming a packing.

1,579,054. OSCILLATING PISTON PUMP. SAMUEL ARMUTH, Wien, Austria. Filed Nov. 2, 1923. Serial No. 672,428. 2 Claims. (Cl. 103—145.)



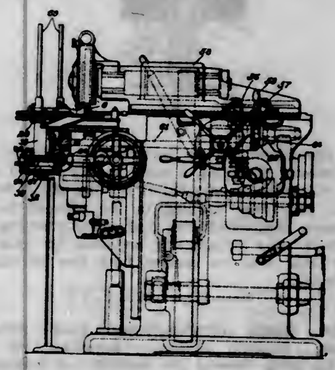
1. A pump of the class described comprising a casing providing a circular chamber, two pairs of valve chambers on opposite sides of said chambers, ports each connecting one pair of the valve chambers with said circular chamber, and channels connecting with said valve chambers, a valve in each valve chamber, all of said valves being arranged to open in the same direction, a pair of sector shaped abutments in opposite sides of said circular chamber and each having a pair of channels opening in opposite sides and each channel communicating with one of said ports, an oscillating shaft extending through the center of said circular chamber and a pair of oppositely arranged pistons on said shaft and each arranged to oscillate in one of the spaces in the said circular chamber between the said abutments.

1,579,055. GATE. GOTTFRIED ARN, Monticello, Wis. Filed Jan. 24, 1924. Serial No. 688,235. 1 Claim. (Cl. 39—35.)



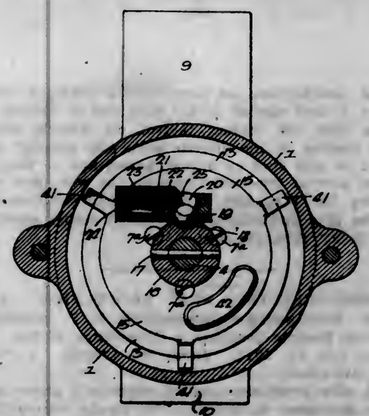
A gate structure of the character described, comprising spaced head and latch posts, a gate hinged to the head post, a standard fixed to the hinged end of the gate and rising a distance above the same, a T-fitting on the upper end of said standard, a cross-arm trained through the T-fitting, L-shaped members pivoted to the outer ends of the cross arm, vertical posts arranged on opposite sides of the head post, brackets carried at the upper ends of the said vertical posts and having pulleys at opposite sides of the same, a lever pivoted medially to the T-fitting and having flexible connection with the short arms of the L-shaped members, and cables connected with the long arms of the L-shaped members and extending in opposite direction and trained over said pulleys, and a latch carried by the gate and co-operating with the keeper on the latch post and having connection with one end of the lever.

1,579,056. GRINDING MACHINE. WILLIAM ARTER, Worcester, Mass. Filed Sept. 6, 1921. Serial No. 498,658. 39 Claims. (Cl. 51—50.)



1. A grinding machine of the character described having, in combination, a work holder, a grinding tool, said holder and tool being relatively rotatable, mechanism for the combined delivery of the articles to be ground to and their removal from said holder, and fluid pressure means for actuating said mechanism.

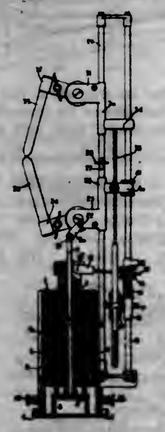
1,579,057. RELEASE CLUTCH FOR GRINDING MILLS. HARRY E. ASBURY, Melrose Park, Pa., assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa., a Corporation of Pennsylvania. Filed July 1, 1924. Serial No. 723,568. 2 Claims. (Cl. 192—56.)



1. The combination in a release clutch, of a shaft; a collar on the shaft, said collar having a groove therein; a member on the shaft and having a tubular projection;

a radial channel in the projection; a sliding plunger in the tubular projection; a spring back of the plunger; and a ball in the radial channel arranged to enter the groove in the collar, the plunger yieldingly holding the ball in engagement with the collar.

1,579,058. ELECTRIC-ARC LAMP. SIMON BOSSA AUSAS, Barcelona, Spain. Filed May 13, 1921. Serial No. 469,320. 4 Claims. (Cl. 176—68.)



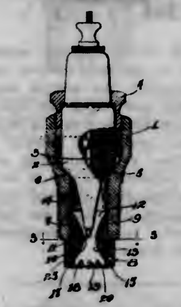
1. An automatically operating electric arc lamp comprising in combination, a supporting frame, carbon holders, slidably mounted upon said supporting frame, carbons carried by said carbon holders, parallel rack members respectively connected with said carbon holders, a pinion disposed between and engaging said racks, a spring for effecting movement of said racks to feed said carbon holders towards one another, a solenoid mounted on the said supporting frame and in circuit with the carbons, an armature movably mounted within said solenoid and having an axial bore, means acting upon the said armature to maintain the same normally in the outer position with respect to said solenoid, a rod connected to one of the carbon holders and extending slidably through the said axial bore within said armature, a rod gripping lever pivoted for limited rocking motion upon said armature, a resilient device mounted upon said frame and acting upon said rod gripping lever, a release device for causing disengagement of the rod gripping lever from the rod, and means to effect passage of current through the solenoid and through said carbons substantially as described.

1,579,059. VEHICLE TIRE. ENOCH W. AUSTIN, Okmulgee, Okla. Filed Mar. 19, 1925. Serial No. 16,752. 1 Claim. (Cl. 152—20.)



The combination with a tire having a shoe of which the side walls terminate in beads with their inner peripheral portions provided with closely engaging meeting edges which define an inner circumferential split, said meeting edges having a closely fitting tongue and groove interlocking connection, of a clamping means comprising complemental rim sections respectively engaging said beads to draw and clamp the meeting edges closely together adjacent said connection, said rim sections having relatively close adjacent edges on a line passing radially through the center of the cross sectional area of the tire shoe and supporting the beads at a point immediately adjacent said tongue and groove connection, said meeting edges being offset to one side of the adjacent edges of the rim sections, thereby preventing the meeting edges from expanding between the relatively close adjacent edges of the rim sections.

1,579,060. SPARK PLUG. JESSE W. BARNES and THOMAS C. REYNOLDS, Oneonta, N. Y. Filed May 21, 1925. Serial No. 31,871. 4 Claims. (Cl. 123—169.)



1. A spark plug comprising a hollow carrier adapted to be connected to and within and further project from the inner end of the shell of the plug, said carrier forming a passage for the reception of the inner terminal portion of the central electrode of the plug and provided with a series of opposed, spaced electrodes exending across the inner end of said passage, one of said electrodes extending partly through one side of the body of the carrier lengthwise thereof and projecting into said passage, intermediate its ends, to a point in close proximity to the inner end of the central electrode of the plug, and associated therewith, and another of said electrodes extending partly through the other side of said body of the carrier lengthwise thereof and having an exposed terminal for contact with the inner end edge of the shell of the plug.

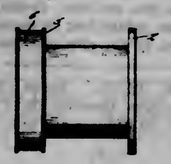
1,579,061. CIGARETTE FORMER. FRANK B. BARSTOW, Rehoboth, Mass. Filed Feb. 24, 1925. Serial No. 11,055. 2 Claims. (Cl. 131—5.)



1. In a cigarette former, a hollow forming member adapted to receive the cigarette wrapper thereon, and a plunger receivable in the member and composed of two

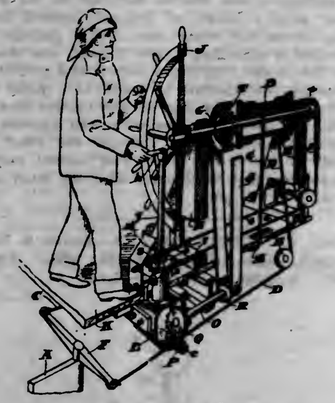
wire strands twisted together to provid a spiral formation, the strands at one end having abutting loops conjointly forming a handle and having opposite ends free and divergently related to form angular agitating fingers.

1,579,062. HOISTING DRUM. JOHN M. BASS, Joplin, Mo. Filed Aug. 10, 1925. Serial No. 49,369. 2 Claims. (Cl. 242—117.)



1. A drum of the class described comprising a hollow body having heads on the ends thereof, one of said heads being flanged outwardly, the second head comprising a ring member, spokes connecting the ring member to the body and said spokes merging into a hub, the outer face of the second head having an annular depression, and wedge-shaped notches communicating with the depression, a ring clutch member received in the annular depression and having wedge lugs received in the notches and means passing through the lugs, the said head and the spokes of the second head for removably securing the clutch ring on the drum.

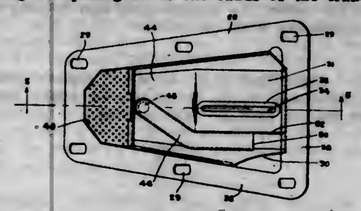
1,579,068. STEERING APPARATUS. LEWIS C. BAYLES, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Nov. 3, 1925. Serial No. 66,514. 4 Claims. (Cl. 114—150.)



1. Steering apparatus comprising a steering element, a fluid actuated motor for operating said steering element, a throttle valve for said fluid actuated motor including a manually rotatable control valve, a casing, and a sleeve interposed between said casing and said manually rotatable valve adapted to be automatically rotated by the steering element to close said valve.

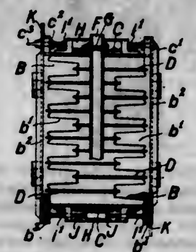
1,579,064. ATTACHMENT FOR MOTOR-VEHICLE TRANSMISSIONS. CARL G. G. BERGSTROM, St. Paul, Minn. Filed June 8, 1925. Serial No. 35,645. 2 Claims. (Cl. 184—11.)

1. An attachment for motor vehicle transmissions comprising a dished member for catching oil thrown off from the fly wheel, said member having an inclined floor portion, a filter at the lower end of said inclined floor portion, the upper portion of the floor of said member having an opening above the bands of the transmission,



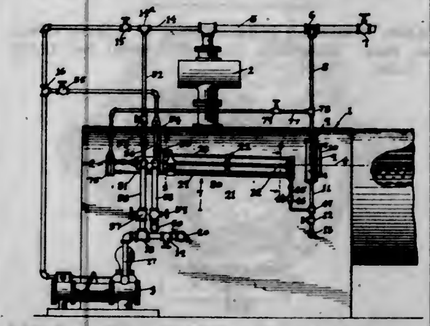
and a tunnel member leading from the upper end of the device, said tunnel member at its lower end being adapted to deliver oil to the clutch fork and ring.

1,579,065. MOLD FOR PRODUCING MOLDED STONE SLABS. CARL BETTERMANN, Hagen, Germany, assignor to Krupp Patent-Platten-Gussform-Vertrieb G. m. b. H., Hagen, Westphalia, Germany. Filed Oct. 20, 1925. Serial No. 63,746. 9 Claims. (Cl. 25—121.)



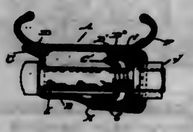
1. A mold for casting slabs of flat Z-shaped cross section, comprising a bottom plate, two end walls and two side walls fixed to said bottom plate, said side walls carrying inside each a series of projections arranged in a comb-like manner, the projections of one side wall being staggered relatively to those of the other side wall, a partition arranged in each gap existing between two adjacent projections, said partitions extending from the base of the gaps up to the crests of the projections of the other side wall.

1,579,066. STEAM AND WATER GOVERNOR FOR BOILERS. WILLIAM C. BLUNDELL, Los Angeles, Calif., assignor of one-half to Eugene W. Blundell, Los Angeles, Calif. Filed July 19, 1924. Serial No. 726,999. 6 Claims. (Cl. 103—15.)



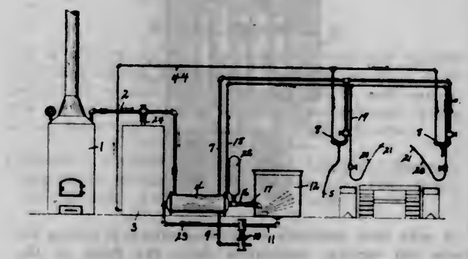
1. The combination with a steam boiler and feed water pump, of an expansion tube mounted at the desired water level, one end of the tube being connected to the boiler below the water level and the other end of the tube being connected to the boiler above the water level, a steam pipe connecting the boiler to the pump and having a valve adapted to be opened and closed by the expansion and contraction of the expansion tube, and a water pipe connecting the pump to the boiler and having a valve adapted to be opened and closed by the expansion and contraction of the expansion tube.

1,579,067. DEMOUNTABLE-RIM-SECURING MEANS. WILLIAM N. BOOTH, Detroit, Mich. Filed Nov. 24, 1919, Serial No. 340,266. Renewed Aug. 26, 1925. 3 Claims. (Cl. 301—24.)



1. The combination with a demountable rim, of a fixed rim having a tapered seat for said demountable rim, a circumferentially extending bead on said demountable rim, means for securing said demountable rim upon said fixed rim including clamping lugs each having a face engaging said bead to force said demountable rim to its seat, and circumferentially extending bearings on said bead for engagement with said clamping lugs, said bearings being inclined to draw the faces of said clamping lugs into fuller engagement therewith.

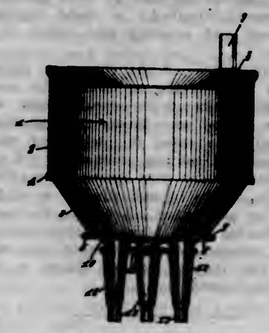
1,579,068. APPARATUS FOR CLEANING OR REMOVING PAINT FROM SURFACES. THOMAS L. BOYCE, Syracuse, N. Y., assignor to National Chemical and Manufacturing Company, Syracuse, N. Y., a Corporation of Arizona. Filed Aug. 24, 1922. Serial No. 584,162. 3 Claims. (Cl. 299—84.)



1. An apparatus of the class described comprising a source of steam, a steam line connecting said source with a tank adapted to contain a cleaning chemical and with a heater through which a paint removing chemical is adapted to circulate, a vat for containing a paint removing chemical, a circulating system in connection with the vat and including the heater connected to said steam line, means for causing the paint removing chemical to circulate through said system under pressure and an atomizing device adapted to be brought into communication with said system.

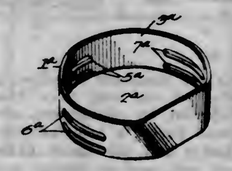
1,579,069. MILKING-MACHINE WASHING DEVICE. OTTO J. BORK, Sun Prairie, Wis. Filed Nov. 6, 1925. Serial No. 67,414. 3 Claims. (Cl. 141—1.)

1. A washing device for the purpose set forth, comprising a container adapted to have water supplied thereto and further having its bottom formed with a plurality of openings, and a tapered tube secured in and extending from each of said openings and adapted



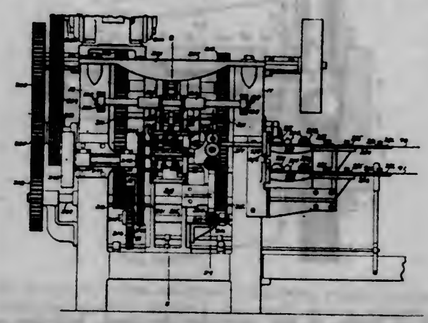
to have detachably mounted thereon the lead of a milking machine for the purpose of cleaning the lead on the supply of water to the container.

1,579,070. TRUSS. LUCIEN B. BOWIE, Philadelphia, Pa. Filed Oct. 7, 1921. Serial No. 506,114. 1 Claim. (Cl. 128—112.)



A truss comprising a pad having a substantially flat working face and a substantially annular flange extending backwardly from the edge of said face, said flange over a portion of its circumference being substantially perpendicular to the working face and over the remainder of its circumference being inclined inwardly, substantially as described.

1,579,071. METHOD OF AND APPARATUS FOR MAKING WIRE NAILS AND LIKE ARTICLES. EDWARD I. BRADDOCK, Winchester, Mass., assignor to Braddock Nail and Manufacturing Company, Cleveland, Ohio, a Corporation of Delaware. Filed Apr. 25, 1921. Serial No. 464,249. 45 Claims. (Cl. 10—54.)

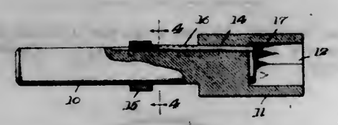


1. The method of making wire nails, which consists in compressing the ends of a wire blank in the direction of its length to form heads at the opposite ends thereof,

elongating the headed blank between its ends to form oppositely extended tapering portions between said heads, compressing the tapered blank substantially at right angles to the tapered portions to form opposing point-forming recesses substantially at right angles to said tapered portions, and severing said blank at said recessed portion.

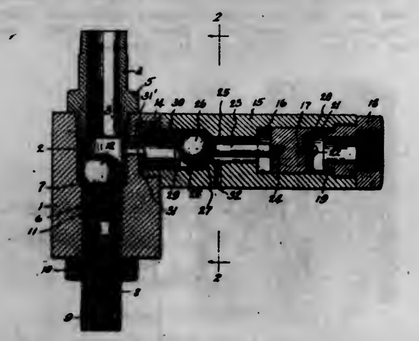
17. In an apparatus of the character described, in combination, a rotor having mechanism for providing a wire blank with heads at its opposite ends, a runway into which the headed wire blanks are deposited, means cooperating with the rotor for delivering the headed wire blanks into said runway, mechanism for elongating and tapering said headed wire blanks, means for feeding the headed wire blanks in said runway to said elongating and tapering mechanism, mechanism for compressing the tapered headed wire blank substantially at right angles to the tapered portions thereof, and mechanism for severing the tapered headed blanks at the compressed portions thereof.

1,579,072. ATTACHMENT FOR SOCKET WRENCHES. CHARLES W. BROUSE, Tyrone, Pa. Filed July 18, 1924. Serial No. 726,804. 1 Claim. (Cl. 81—124.1.)



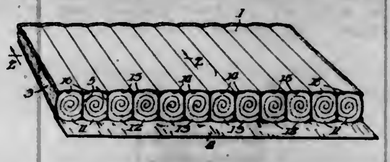
In a device of the character described, an elongated shank terminating at one end in a head having a socket therein adapted for engagement upon a nut or bolt head, the head having a hole therethrough extending into the socket and the shank having a groove alining with said hole, and an ejector including a rod slidably mounted along said groove and through said hole and terminating at one end in a convolution located within the socket, and a collar slidably surrounding the shank and secured to the other end of the rod.

1,579,073. CONDENSATION DRAIN DEVICE. HARVEY LESTER BULLOCK, North White Plains, N. Y. Filed Apr. 13, 1925. Serial No. 22,825. 5 Claims. (Cl. 303—88.)



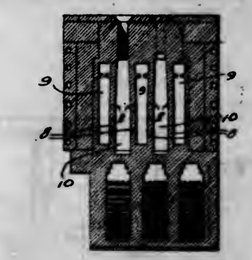
1. A device of the character described, including a cylinder, a piston in the cylinder operated by an air governor, a water accumulating chamber adapted to communicate with an air-tank, a valve in said chamber having two seats spaced apart, and said valve moved from one seat to the other by the action of the piston, and said device having a drain orifice back of the valve through which the water escapes.

1,579,074. MATTRESS. OLIVER M. BURTON, Chicago, Ill., assignor to Burton-Dixie Corporation, Chicago, Ill., a Corporation of Illinois. Filed Aug. 7, 1922. Serial No. 580,059. 4 Claims. (Cl. 5—361.)



1. A mattress consisting of a fabric casing having spaced upper and lower walls connected at intervals by vertical division strips to form a row of narrow, transverse compartments extending throughout the length thereof, and separate filling charges in the compartments, each comprising a bat of felted cotton spirally wound into a solid cylindrical roll of sufficient cross section to fill compactly one of said compartments when compressed and confined therein, each charging roll being confined in position between the upper and lower casing walls and the adjacent division strips and vertically and laterally compressed thereby and by the adjacent rolls into substantially square cross section with flattened sides and rounded upper and lower surfaces, substantially as described.

1,579,075. HORIZONTAL COKE OVEN. HOWARD B. CARPENTER, Pueblo, Colo. Filed Oct. 18, 1921. Serial No. 508,552. 1 Claim. (Cl. 202—9.)

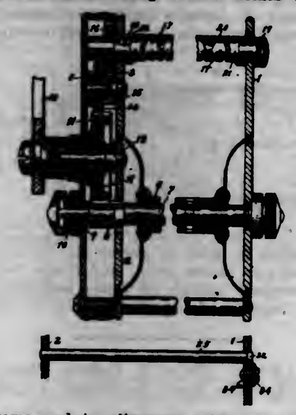


A coke oven structure comprising alternate coking retorts and vertical combustion flues, the walls of the lower portions of both the retorts and the combustion flues being parallel, and in each retort the upper portion of each wall common to the retort and the contiguous flues being inclined toward the middle vertical plane of the retort, and away from the said plane of said contiguous combustion flues, so that the lower portion of both retorts and combustion flues is a parallelepipedon, and the upper portion, a trapezoidal prism, the upper side of said prism being broader than the lower in the combustion flues and narrower in the retorts.

1,579,076. FISHING REEL. FRANCIS M. CASE, Cleveland, Ohio, assignor to The Enterprise Manufacturing Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 19, 1921, Serial No. 516,407. Renewed Dec. 10, 1925. 32 Claims. (Cl. 242—84.4.)

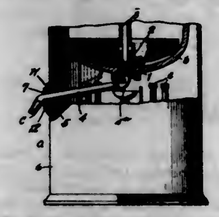
1. A fishing reel, comprising a frame including end plates, one of which has an opening, a rotatable spool,

a travelling line guide, and a bar along which said guide slides, said bar being located within the confines



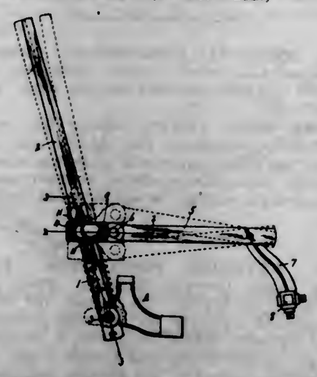
of the frame and in alignment with said opening and being removable from the reel by movement in one direction.

1,579,077. MELTING FURNACE. WILLIAM H. CHENOWITH and GEORGE C. SCHIMPF, Baltimore, Md., assignors to Harry D. Harvey, Baltimore, Md. Original application filed Nov. 8, 1924, Serial No. 748,675. Divided and this application filed June 22, 1925. Serial No. 38,742. 4 Claims. (Cl. 263—14.)



4. A melting furnace comprising a vertically extending casing having a cylindrical wall and having a horizontal slot in said wall, a melting pot in said casing, said pot having an outlet, and a spout swiveled to the pot at the outlet and extending through said slot.

1,579,078. PICKER MOTION FOR LOOMS. STEWART CHRISMAN, Waterloo, N. Y. Filed Dec. 8, 1924. Serial No. 754,628. 4 Claims. (Cl. 139—152.)

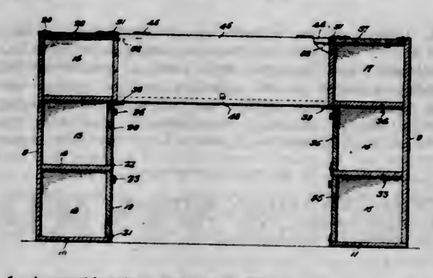


1. In a picker motion for looms, a picker-staff and an upright arm both fulcrumed to swing about one and the same axis, a lug-strap loosely embracing the picker-stick, an operating bar to which the lug-strap is pivoted for angular adjustment thereon, means for reciprocating said bar and lug-strap for oscillating the picker-staff, and a clamping plate pivoted to said bar and to the adjacent ends of the lug-strap coaxial with the axis of movement of the lug-strap and interlocking connections between said clamping plate and arm.

1,579,079. DUPLICATING WITH THE AID OF STENCILS. JOHN CLATWORTHY, Plumstead, England, assignor to D. Gestetner, Limited, London, England. Filed Mar. 29, 1924. Serial No. 702,999. 5 Claims. (Cl. 41—38.5.)

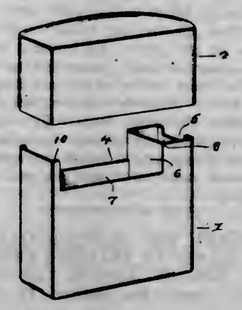
1. A combined stencil sheet for use in duplicating, comprising a sheet adapted to be stencilized by pressure and a hard-surfaced backing sheet coated on that portion of its surface which is in contact with the sheet adapted to be stencilized, with a composition containing a colouring matter adapted to be transferred to the sheet where pressure is applied thereto by the means operating to cut the stencil layer.

1,579,080. COMBINATION DESK AND FILING CABINET. GEORGE BOWEN CLEVELAND, Mobile, Ala. Filed May 20, 1925. Serial No. 31,627. 3 Claims. (Cl. 46—6.)



1. A combination desk and filing cabinet comprising pedestals having under filing spaces with lateral doors to give access thereto and upper file spaces with doors opening on the top of the pedestals, a desk structure supported between said cabinets having movable parts to give access to the lateral doors of the pedestals, keepers on the upper doors of the pedestals, and cover means for the desk engaging in closed position said keepers.

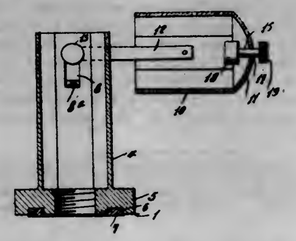
1,579,081. COMBINATION CASE. WESLEY N. COLEMAN, Jacksonville, Fla. Filed Sept. 8, 1923. Serial No. 661,663. 1 Claim. (Cl. 206—38.)



A case of the class described comprising a body having a partition therein dividing the same into a cigarette chamber and match chamber, the upper edges of the side walls of the first chamber being recessed, the recesses terminating at the partition and a slight distance from the end of the case so that this end is of channel shape in

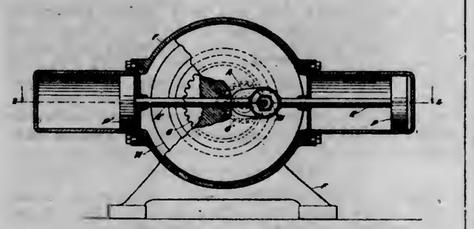
cross section to form with the partition a grip for a package of cigarettes, the end of the body which forms a portion of the match chamber having a recess in its upper end and a bottom spaced from the bottom of the body and having a roughened portion for forming a striking surface, a top overlapping the body and covering the recesses and the striking surface when in position.

1,579,082. DUST CAP FOR AUTOMOBILES. CORNELIUS V. COLL and THOMAS A. COLL, Victor, Colo. Filed June 2, 1925. Serial No. 34,410. 6 Claims. (Cl. 152—12.)



1. A dust cap for a valve stem, comprising a retaining section adapted for threaded engagement with the valve stem and provided with slots, a closure section slidably mounted on the retaining section, springs carried by the closure section and entering the retaining section through the slots, and elements carried by the springs for frictional engagement with the valve stem.

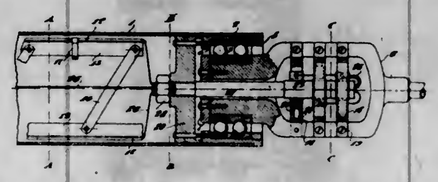
1,579,083. MECHANICAL MOVEMENT. WALTER G. COLLINS, Glendale, Calif. Filed Mar. 24, 1922, Serial No. 546,298. Renewed Sept. 10, 1925. 1 Claim. (Cl. 74—14.)



In combination, a frame having open sides, plates closing the open sides, an annular collar formed on one of the inner sides of the plates, an internal ring gear secured to the collar, a shaft journaled in the collared plate, a fly-wheel fixed to the shaft and disposed within the frame, a pinion journaled eccentrically in the fly-wheel and within the area defined by the ring gear, cylinders fixed to the frame, pistons including rods movable through the frame, and a crank for operatively connecting the piston rods with said pinion.

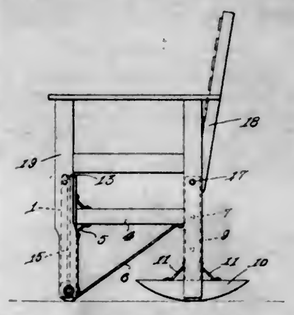
1,579,084. SYSTEM FOR ELECTRICALLY HEATING THE INK ROLLERS OF PRINTING PRESSES. LUIS CORNAZZANI, Remedios Escalada, Argentina. Filed Aug. 4, 1925. Serial No. 48,106. 10 Claims. (Cl. 101—348.)

3. An electrically-heated ink roller for printing presses comprising a metal tube having bearings at each end; a plurality of truss members in said tube; a coil of wire for each truss member, said coils being adapted to heat the tube when an electric current is traversing the coils; a fork-shaped member at one end of said tube comprising the bearing for that end of said tube and having a commutator; a tube secured to said metal tube and having a plurality of contacts adapted to cooperate with said commutator, said tube being adapted to support the



connecting wires in order to convey the electric current from the contacts to the coils; and means for forcing said truss members against the inside walls of the tube in order to facilitate heating.

1,579,085. CHAIR. DAVID R. COTNER, Phoenix, Ariz. Filed Oct. 5, 1925. Serial No. 60,555. 1 Claim. (Cl. 155—57.)



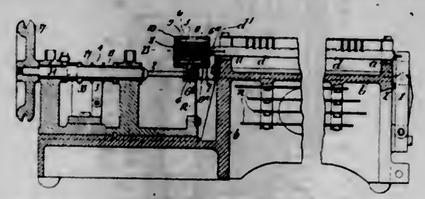
In a device of the class described, a frame, including uprights, wheels supporting the uprights, bars extending rearwardly from the uprights, brace means between the bars and uprights, leg members pivotally secured to the rear of the bars, rocker shoes supporting the legs, brace means between the rockers and legs, a crank shaft journaled on the top portion of the standards, having its depending parallel arms extending toward but spaced away from the standards, and said arms terminating in outwardly directed threaded extensions, which latter are designed to be passed through the front legs of a chair or the like, and means for pivotally connecting the upper ends of the legs with the said chair or the like.

1,579,086. MEDICINAL COMPOSITION. GEORGE LOUIS COUSINEAU, Long Beach, Calif. Filed Dec. 8, 1924. Serial No. 754,665. Renewed Jan. 28, 1926. 2 Claims. (Cl. 167—7.)

2. A new medical product, suitable for hypodermic administration, containing the soluble and insoluble portions of the whole parathyroid gland comminuted to a substantially impalpable condition admixed with a vehicle comprising a solution of salt of about physiological strength.

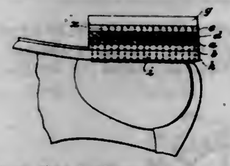
1,579,087. KEYBOARD PERFORATOR. FREDERICK GEORGE CREED, Croydon, England. Filed June 27, 1922. Serial No. 571,261. 16 Claims. (Cl. 164—112.)

1. A keyboard perforator for punching perforations in a tape to represent letters, comprising a movable punch block, a die carried thereby and having a tape guideway therein, punches carried by and movable endways in said block and die, a stationary punch withdrawing device, a series of endways movable specially notched combination bars arranged in the paths of said punches, a resetting device adapted to move said combination bars into their forward operative positions, a series of keys, a series of key operated devices adapted to hold endways those combination bars that correspond to the fetters to be punched, tape feeding mechanism adapted to feed punched tape forward to a definite position after each punching or spacing operation, means adapted to move said resetting device into its operative and inoperative positions, means adapted to move said punch block



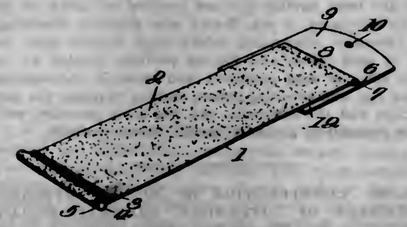
towards and from said combination bars, means adapted to actuate said tape feeding mechanism, and controlling means adapted to control the operation of the means used respectively for operating the resetting device, punch block and tape feeding mechanism, said controlling means being arranged to be brought into operation at each operation of one of said key operated devices, or the spacing key, and to be put out of operation automatically after the set of punching, tape feeding and bar resetting operations for producing a punched letter in the tape, or for forming a space on the tape, has been completed.

1,579,088. HEEL FOR BOOTS AND SHOES. WALTER CRICK, Hazelwood, England. Filed May 10, 1924. Serial No. 712,258. 6 Claims. (Cl. 36—35.)



1. A boot or shoe heel comprising a resilient insertion consisting of two resilient layers cemented together and enclosed between non-resilient layers to which said resilient layers are attached.

1,579,089. SHOE-POLISHING CLOTH. JOHN A. DAVIDSON, Vancouver, British Columbia, Canada, assignor of one-half to Ira M. Cobe and Stuart C. Pratt, doing business as Cobe & Pratt, New York, N. Y. Filed Jan. 8, 1925. Serial No. 1,318. 2 Claims. (Cl. 15—222.)

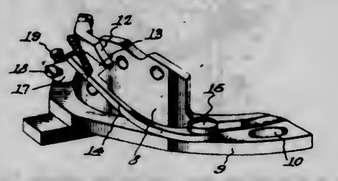


1. A polisher of the character described comprising an elongated polishing cloth, having a hem at one end, a strip enclosed in the hem for forming a handle, and the opposite end of the cloth being attached to the intermediate portion of the covering, said covering being adapted to completely enclose the cloth when rolled on the handle.

1,579,090. PROCESS FOR THE TREATMENT OF MOLASSES AND SUGARY JUICES WITH A VIEW TO THE RECOVERY OF THE SUGAR. CAMILLE DEGUIDE, Enghien, France. Filed Nov. 3, 1925. Serial No. 66,684. 2 Claims. (Cl. 127—48.)

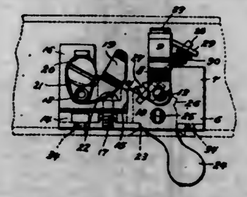
1. In a process for the treatment of molasses and sugary juices, with a view to the recovery of the sugar contained therein, the step consisting in precipitating and destroying the organic impurities contained in said molasses and sugary juices, by monobarytic silicate, before recovering the saccharose.

1,579,091. ADJUSTABLE DIVIDING CAM. WALTER L. DENSON and GEORGE E. BRUMITT, Spartanburg, S. C. Filed June 6, 1924. Serial No. 718,304. 1 Claim. (Cl. 66—54.)



In combination with a machine head cylinder and needles carried thereby, a cam box supported by the machine head and having an inclined slot formed therein, a curved arm having an opening adjacent to one end thereof, a screw positioned in the opening for securing the arm in its positions of adjustment, a cam carried at the free end of the arm and adapted to extend through the slot, said cam adapted to engage needle butts of the machine, an extension forming a part of the arm and having a threaded opening, an adjusting screw extending through the extension and adapted to contact with the cam box to adjust the cam towards or away from the needle butts.

1,579,092. ELECTRIC SNAP SWITCH. FRANK C. DE REAMER, Bridgeport, Conn., assignor to General Electric Company, a Corporation of New York. Filed Mar. 4, 1924. Serial No. 696,889. 8 Claims. (Cl. 200—67.)

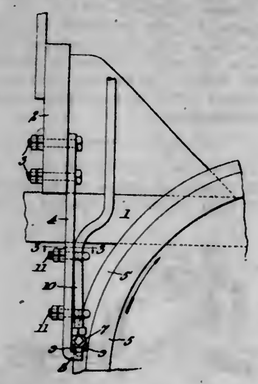


1. In an electric switch, the combination of a frame which is U-shaped in cross section and has high, low and intermediate side wall portions with shoulders between them, a body of insulation seated on the bottom of the frame between the low side walls and engaging a shoulder, fixed contacts on the body which extend toward said high portion, a contact arranged to bridge the fixed contacts, a lever which carries the bridging contact, and toggle means for actuating the lever, the movements of the lever and contact being limited in one direction by the high portion of the frame and in the opposite direction by the intermediate portion thereof.

1,579,093. CAST OR MOLDED ARTICLES. FRANZIE ANTOINETTE DE SILVA, New York, N. Y. Filed Apr. 9, 1925. Serial No. 21,984. 4 Claims. (Cl. 49—77.5.)

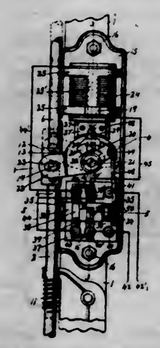
1. A dense, extremely hard and practically unmeltable shaped article composed principally of titanic acid and other refractory materials such as titanium carbide.

1,579,094. SUPPORTING AND POSITIONING MEANS FOR FLANGE-OILER PIPES AND NOZZLES. FRANK W. EDWARDS, Chicago, Ill. Filed Aug. 3, 1923. Serial No. 655,483. 7 Claims. (Cl. 184—3.)



2. In a supporting and positioning means for flange oiler pipes and nozzles, a bracket arranged to be supported in predetermined relation to a locomotive or other vehicle wheel, and a flange oiler nozzle having laterally extending bosses arranged on opposite sides thereof and provided with bracket contacting faces arranged at an angle to the center line of said nozzle for positioning said nozzle in predetermined relation to said wheel.

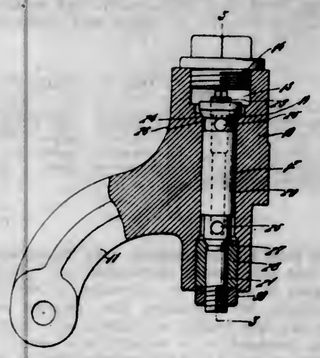
1,579,095. LATCH-LEVER LOCK. JOHN C. EDWARDS, Utica, N. Y. Filed May 1, 1924. Serial No. 710,285. 12 Claims. (Cl. 74—39.)



1. The combination with a latch lever and a latch operating member movable relatively thereto, of means for locking said member against movement to its latch-releasing position, and electrically operated means brought into action by a limited movement of said member toward its latch-releasing position for releasing the locking means when current is available in the electrically operated means.

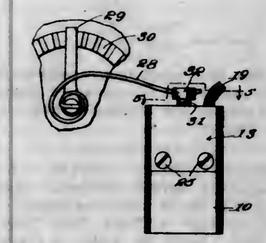
1,579,096. VALVE. JOHN ARTHUR ELLIOTT, Memphis, Tenn. Filed July 24, 1925. Serial No. 45,890. 3 Claims. (Cl. 251—23.)

3. In a foot valve for locomotive fire doors, an arm having a bore open at one end and having an outlet opening and an exhaust opening spaced inward from said end and having an inlet opening adjacent the opposite end of the casing, a beveled valve seat arranged within the bore and spaced inward from the inlet opening, a second beveled valve seat located within the bore between the outlet and exhaust openings, a valve member operating longitudinally within the bore and having a longitudinal passage therein and a lateral passage at each end of the longitudinal passage, said lateral passages opening outward into annular grooves extending around the valve member, a reduced portion at one end



of the valve member, a removable sleeve mounted upon the reduced portion of the valve member with the inner end of the sleeve forming one wall of the adjacent annular groove, a beveled shoulder at the inner end of the sleeve to engage the adjacent valve seat, a beveled shoulder at the opposite end of the valve member to engage the opposite valve seat and means to hold the sleeve in position.

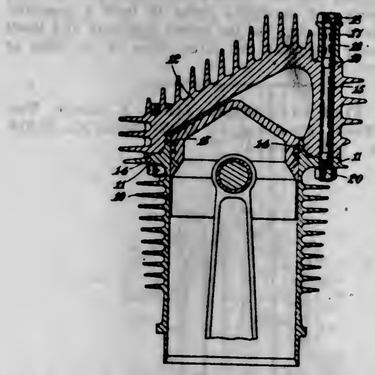
1,579,097. COMMUTATOR AND SLIP-RING BRUSH SHUNT CONNECTION. HARRY H. ERDMAN, Ridgway, Pa. Filed Apr. 14, 1925. Serial No. 23,155. 5 Claims. (Cl. 171—326.)



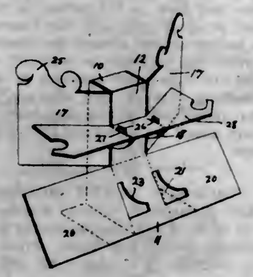
2. In a commutator and slip ring brush structure, a block-like body having one end portion cut away to define an extension, a cap having arm portions straddling said extension, conducting cables, clips secured upon the ends of said cables and having portions located at opposite sides of said extension and clamped thereagainst by the cap, and securing means passing through the cap, the clips and the extension, the cap being provided with means engaged by and holding the cables separated.

1,579,098. CONSTRUCTION OF JOINT COMPRISING MEMBERS OF DIFFERENT THERMAL EXPANSIONS. ALFRED HUBERT ROY FEDDEN, Bristol, England, assignor to The Bristol Aeroplane Company, Limited, Bristol, England, a British Company. Filed Sept. 30, 1925. Serial No. 59,646. 5 Claims. (Cl. 123—196.)

1. In a structure which is to be subjected to temperature variations, the combination with a part which, although liable to thermal expansion, is required to be tightly held at all times between an abutment and a clamping-device secured thereto, which clamping-device has a coefficient of thermal expansion different from that of the said part, of a third element which constitutes a part of the effective length of the clamp and is selected as to its dimensions and coefficient of thermal expansion relatively to the dimensions and coefficients of the said part and clamp, so that the relative movement of the clamping faces with change of temperature is substantially equal to the expansion of the said part that they grip.



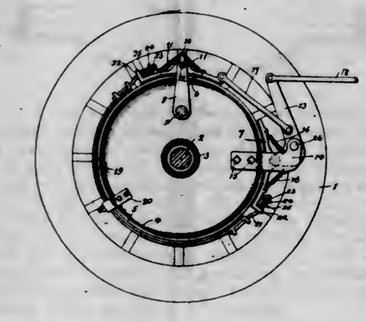
1,579,099. DISPLAY STAND. GEORGE W. FERNSTROM, Washington, D. C. Filed Aug. 17, 1925. Serial No. 50,774. 8 Claims. (Cl. 211—24.)



1. A display stand formed from a single sheet of material and comprising a supporting column having an upwardly and rearwardly inclined face, wings extending laterally from opposite edges of said inclined face and combined article supporting brackets and securing tongues extending from the side walls of the column through the panel.

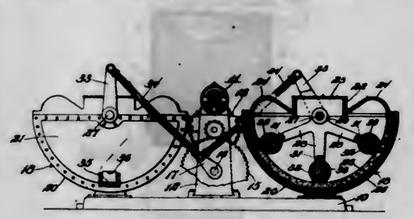
1,579,100. BRAKE. WILLIAM FRASER, Dobbs Ferry, N. Y. Filed Aug. 25, 1925. Serial No. 52,428. 3 Claims. (Cl. 188—77.)

1. In combination with a brake drum and brake housing, a pair of brake shoes, an arm pivotally connecting one of said brake shoes to the brake housing, a bell crank lever pivotally connected to the brake housing and having its shorter end pivotally connected to the other



of said brake shoes, and a link connecting the longer arm of said bell crank lever with the first-mentioned brake shoe.

1,579,101. RUBBING OR KNEADING MACHINE. JACOB FRIEDMAN, New York, N. Y. Filed Aug. 7, 1924. Serial No. 730,753. 2 Claims. (Cl. 83—45.)



1. A machine of the character described comprising a stationary tank having straight sides and a semi-circular bottom, a shaft extending across the tank concentric to the semi-circular bottom, a plurality of pairs of radially directed arms mounted upon the shaft and extending into the tank, each arm carrying a roller at its end substantially contacting with the bottom of the tank, each roller having a length slightly less than the width of the tank, springs yieldingly supporting the rollers on the outer ends of the arms, a cover over the top of the tank and the cover at the ends of the tank being vertically extended and then extending downward and toward the middle of the tank, and motor operated means for oscillating the shaft to carry the rollers up into said vertically extended portions of the cover to thereby give a slap to the material being treated.

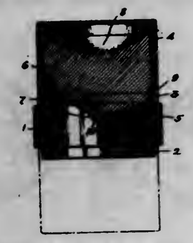
1,579,102. ROTARY CUTTING TOOL. CHARLES E. GALE, Weymouth, Mass., assignor, by mesne assignments, to Greenfield Tap and Die Corporation, Greenfield, Mass., a Corporation of Massachusetts. Filed Dec. 4, 1923. Serial No. 678,477. 13 Claims. (Cl. 77—75.5.)

8. A rotary cutting tool comprising a body provided with grooves having their bottoms inclined with respect to the axis; blades arranged in sets, spaced longitudi-

nally, slidably engaging in said grooves, whereby, on sliding longitudinally their cutting edges progress also radially of said body; and an intermediate spacing member whose length is variable, between the successive sets, thereby to vary the relative radial settings of the said sets.

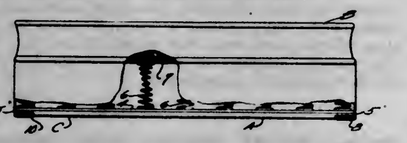


1,579,103. SHAVING UNIT. GILBERT WESTCOTT GEROW, Vail Gate, N. Y. Filed Nov. 25, 1924. Serial No. 752,171. 3 Claims. (Cl. 206—56.)



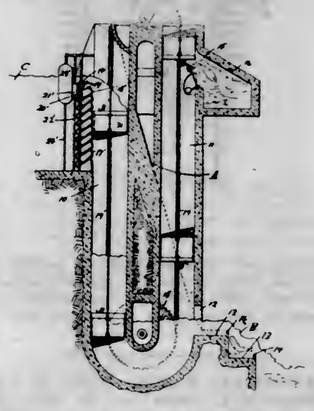
1. A soap holder including a block, oppositely facing reduced circular extensions of equal diameter integral with the block, one of said extensions being hollow, said block having a concavity therein within said hollow extension, adapted to support a cake of soap, a cylindrical cap member the open end of which is adapted to be optionally fitted over either of said extensions to enclose a cake of soap on the block or to provide a support for the block.

1,579,104. VERMINPROOF MATTRESS. ALBERT A. GRANOVSKY, New York, N. Y. Filed Oct. 7, 1924. Serial No. 742,209. 1 Claim. (Cl. 5—351.)



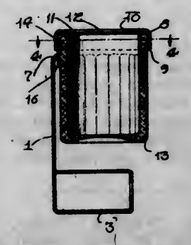
A vermin proof box bed-spring construction comprising an open rectangular bottom frame having a smooth unbroken bottom face; a series of cross-slats extending crosswise of said frame and secured relatively thereto leaving the bottom face of said frame as an unbroken smooth surface; a top mattress portion spaced apart from said slats; compression springs reacting between said slats and said mattress portion; a vermin tight cover of ticking covering said mattress portion, the sides of the structure and overlapping a portion of the said unbroken bottom face of said frame with its margin secured thereto; a bottom cover of ticking stretched across the opening of said frame and having its margin overlapping a portion of said bottom face of said frame and being secured thereto; a combination supporting strip and vermin seal overlapping both the margin of said cover of ticking and said bottom cover forming a vermin seal therewith and extending down to form a mechanically resistant support for the entire structure and itself located wholly inside of the outer edges of the sides of the structure.

1,579,105. FISH ELEVATOR. JAMES A. GREEN, Vancouver, Wash. Filed Aug. 31, 1925. Serial No. 53,616. 4 Claims. (Cl. 61—21.)



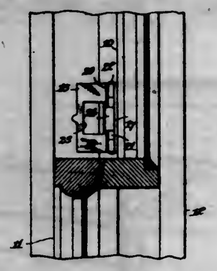
1. In combination, a hollow dam like structure having upper and lower openings on the low level side of the stream, an endless elevator operating within said structure and including spaced buckets, each bucket having a pivoted cover and open at its bottom to receive the fish entering said structure through the lowermost opening, and as the bucket passes around the lower end of said structure, means for opening the cover of each bucket as it approaches the uppermost opening, to allow said fish to pass therefrom through said opening, and a tunnel adjacent the upper end of said structure whereby said fish may move about the structure to the high level side of the stream.

1,579,106. COMBINED MATCH HOLDER AND ASH RECEIVER. SAMUEL E. GUINN, Johnson City, Tenn., assignor to S. E. Guinn Manufacturing Co., Cincinnati, Ohio, a Corporation of New York. Filed Oct. 30, 1924. Serial No. 746,881. 2 Claims. (Cl. 206—20.)



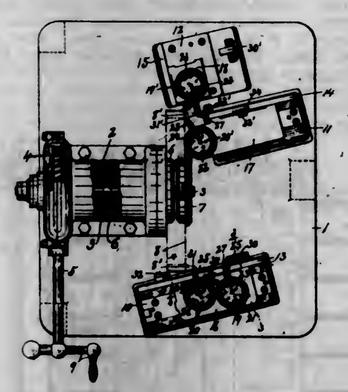
1. A frame structure, comprising an upright plane portion formed at the lower end to provide a rectangular box-like structure arranged wholly in advance of the upright portion and open at both ends, a circular member secured to the upper end of the upright portion and arranged wholly in advance of the same, said circular member including an upper flange and a vertical wall, the vertical wall being formed with means to support an open ended ash receiver, the edge of which is disposed beneath the upper flange.

1,579,107. LOCKING DEVICE. FRANK LUTHER HANLE, Arlington, N. J. Filed Apr. 11, 1925. Serial No. 22,393. 2 Claims. (Cl. 70—14.)



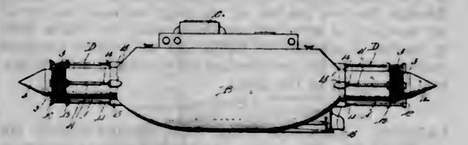
1. A device comprising an attaching plate, an obstructor hingedly connected to said attaching plate, and locking means carried by the attaching plate for locking said obstructor in an obstructing position, said obstructor having an opening therein to accommodate a part of the locking means and thus permit the obstructor to be disposed in an unobstructing position.

1,579,108. APPARATUS FOR TESTING THE ACCURACY OF GEAR-TEETH CUTTERS. CLARENCE I. HARTER, Syracuse, N. Y. Filed Sept. 20, 1921. Serial No. 501,872. 7 Claims. (Cl. 33—174.)



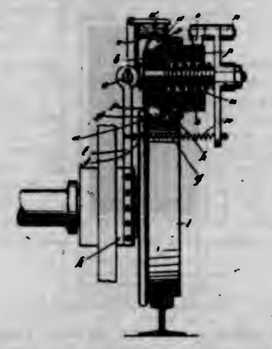
1. In a device for testing the cutting angle of the cutting edges of gear cutters, a support for the cutter, a guide disposed at an angle to the axis of the cutter, a carrier movable along the guide, a contact member movable with said carrier and having an independent movement transversely of the guide for engaging one of the cutting edges of the cutting teeth as the carrier is moved along the guide, and means actuated by said contact member for indicating the amount of any irregularity or deviation of said cutting edge from the required contour and angle.

1,579,109. DISPLACEMENT-VARYING MEANS. JONAS J. HASELEY, Sanborn, N. Y. Filed Apr. 27, 1925. Serial No. 26,201. 3 Claims. (Cl. 114—16.)



1. In a ship sustained by displacement of fluid; a displacement varying device comprising a cylinder stationarily carried by the body of the ship, said cylinder having an open outer end, a slidable cylinder telescopically engaged with the stationary cylinder and having an open inner end and a closed outer end, sealing means preventing entrance of surrounding fluid into the cylinders, said sealing means comprising flexible sleeves disposed one around and one within said cylinders, the ends of said sleeves being secured to the stationary and slidable cylinders respectively, and means for sliding the slidable cylinders either outwardly or inwardly.

1,579,110. LUBRICATOR FOR THE WHEEL FLANGES OF RAIL VEHICLES. ALBERT HEUSER, Stuttgart, Germany. Filed Oct. 29, 1925. Serial No. 65,695. 10 Claims. (Cl. 184—3.)



1. A vehicle wheel lubricator, comprising a series of balls arranged in an arcuate row; means for supplying lubricant to the balls; and means for bringing the balls successively into operative engagement with the tread of a wheel to be lubricated.

1,579,111. MOISTENER. JAMES R. HINKSON, Brooklyn, N. Y., assignor to Louise Marie Strunck, Kings County, N. Y. Filed Apr. 11, 1925. Serial No. 22,462. 1 Claim. (Cl. 299—24.)



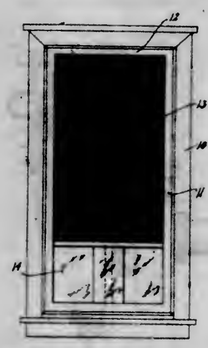
A moistener comprising a hollow body open at each end, and traps which combine respectively with the opposite ends of the body, each trap comprising a cap removably attached to its related end of the body, a tubular member extending laterally from one side of the end

portion of the cap so as to be disposed internally of the hollow body when the cap is attached, said tubular member being of smaller diameter than the internal diameter of the hollow body, said tubular member being opened through the end portion of the cap, the caps and tubular members as attached combining with the hollow body to confine a quantity of liquid and to liberate moisture resulting from the evaporation of the liquid and to prevent the egress of the liquid.

1,579,112. PROCESS FOR THE PRODUCTION OF ARTICLES OF THE PHENOL-FORMALDEHYDE CONDENSATION-PRODUCT TYPE. WILLIAM HUNTER, Edinburgh, and JOHN GUNTER FAIRGRIEVE, Uddingston, Scotland, assignors to William Tod Junior and Company (1923) Limited, Polton, Midlothian, Scotland, a British Company. Filed May 14, 1924. Serial No. 713,318. 13 Claims. (Cl. 106—22.)

1. The process for the production of articles of use from phenol aldehyde condensation products which consists in carrying out condensation between substances of phenolic character and substances of aldehydic character, in the presence of solid celluiosic materials containing substantial amounts of oxy-cellulose and containing lime and chlorine in the form of hypochlorites.

1,579,113. SCREEN. CARL JOHAN JACKSON, Superior, Wis. Filed Dec. 3, 1924. Serial No. 753,724. 1 Claim. (Cl. 156—37.)



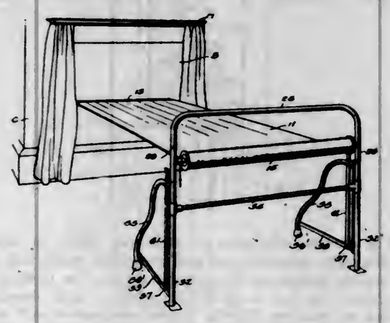
A window screen exit of the character described comprising a frame member partitioned into screen and exit portions respectively, the exit portion including a pair of transparent panels secured in end to end relation within the frame and having their inner edges arranged in spaced relation in providing an exit therebetween, and a relatively narrow transparent panel positioned directly behind the exit and in spaced relation thereto whereby an exit and window ventilator is provided.

1,579,114. HEEL. LOUIS KAPLAN, New York, N. Y. Filed Aug. 29, 1923. Serial No. 659,930. 1 Claim. (Cl. 36—40.)



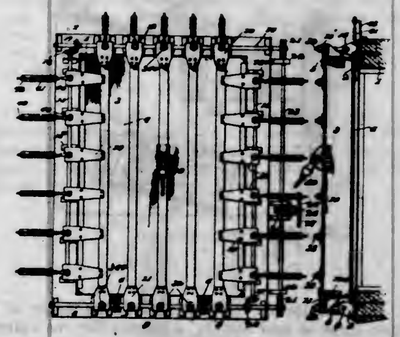
A heel having a recess at the bottom thereof and a depending flange surrounding said recess, a tread lift of cushioning material having an upper portion of reduced area fitted in said recess, a plate embedded in said lift and bearing against the lower edge of said flange, and a screw bearing against said plate and engaging the heel to secure the plate and lift to the heel, said heel having an integral stud depending from within said recess to the lower surface of the lift to resist wear of the lift, the lift and plate having an opening receiving said stud to prevent the turning movement of the lift and plate around said screw.

1,579,115. BED. EDWARD PERCY KEBBE, Newton, Mass.; Irene K. Bailey, executrix of said Kebbe, deceased, assignor to Everett B. Kebbe, Everett, Mass. Filed Oct. 23, 1923. Serial No. 670,310. 6 Claims. (Cl. 5—1.)



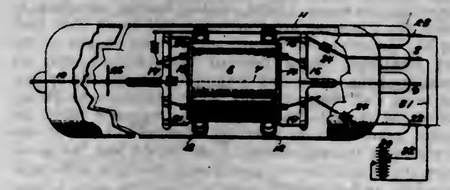
1. In a folding bed, a folding foot section, a roller carried thereby and upon which the bed bottom is adapted to be rolled, swinging legs for supporting the foot section in operative position, and means for anchoring said foot section in operative position.

1,579,116. DOOR-OPERATING MECHANISM FOR RETORTS. AUGUSTUS KEMPKEY, San Francisco, Calif., assignor to F. K. Fish, Jr., Reno, Nev. Filed Nov. 5, 1920, Serial No. 422,096. Renewed Sept. 3, 1925. 11 Claims. (Cl. 292—5.)



1. In combination, a door, a frame adjacent the door, a series of catches on each of the edges of the door, a series of latches on the frame, and means for imparting to all of the latches a tilting movement and subsequently a lengthwise movement to cause the latches to engage and bind the catches and move the door in sealing position against the frame.

1,579,117. ELECTRON-DISCHARGE DEVICE. KENNETH H. KINGDON, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed July 1, 1921. Serial No. 481,975. 12 Claims. (Cl. 250—27.)



1. A device comprising an evacuated container, an electron-emitting cathode and an anode geometrically so shaped and so related to said cathode that positive ions produced in the space between said electrodes are accumulated in said space thereby causing a current between said electrode to vary with variations of applied voltage at a materially higher rate than would be characteristic of said device in the absence of an accumulation of positive ions in the discharge space between said electrodes.

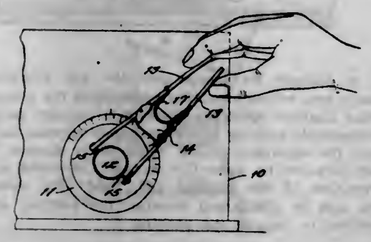
6. An electron discharge device comprising a sealed envelope, electron-emitting cathode, a cylindrical anode enclosing said cathode, and means for preventing the escape of positive ions from the space within said cylinder.

1,579,118. ELECTRODE END CAP. ERNST KLEINMANN, Berlin, Germany. Filed Apr. 20, 1925. Serial No. 24,617. 2 Claims. (Cl. 136—121.)



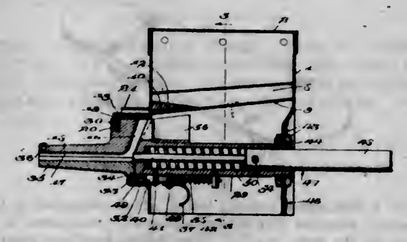
2. As a new article of manufacture, a cap for electrodes comprising a cylindrical body open at one end and closed at the other, the open end of the body being provided with a downwardly and outwardly extending flange terminating in a bordered rim as and for the purpose set forth.

1,579,119. KNOB ATTACHMENT. FREDERICK W. KLOSS, Philadelphia, Pa. Filed May 18, 1925. Serial No. 31,197. 4 Claims. (Cl. 74—33.)



1. A knob attachment for use upon radio sets and the like comprising a pair of relatively flat bars having pointed pins extending inwardly from the inner sides and adjacent the ends thereof, a substantially U-shaped relatively flat spring having its flat side rigidly secured to the inner sides of the bars and adjacent the pointed pins in order that these pins will be tensioned relatively.

1,579,120. TACK DRIVER. EDWARD JOSEPH KRAMER, Green Bay, Wis. Filed Feb. 25, 1925. Serial No. 11,549. 4 Claims. (Cl. 1—5.)



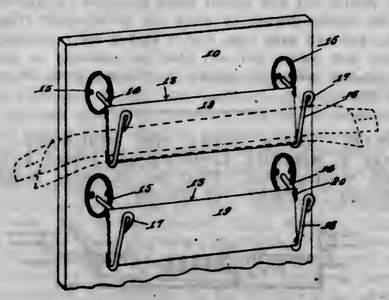
4. In combination with the barrel of a tack setting device, a tack chuck comprising a nozzle and lug fixedly carried by the barrel, a gate movably carried by the nozzle being swingable into contact with the nozzle and lug to complete the nozzle, a spring latch operable through the lug to secure the gate when closed, and means carried by the barrel assisting in the support of the latch.

1,579,121. PRODUCING FAST DYEINGS ON WOOL. HANS KRZIKALLA and HANS KÄMMERER, Mannheim, and JOSEPH NÜSSLEIN, Ludwigshafen-on-the-Rhine, Germany, assignors to Badische Anilin & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany, a Corporation of Germany. Filed Aug. 3, 1925. Serial No. 47,969. 2 Claims. (Cl. 250—27.)

1. The process of producing fast dyeings on animal fibre which consists in producing difficultly or not soluble azo dyestuffs in the animal fibre by charging the same with a sulfonated component that can be coupled and acting on the charged fibre with a diazo compound.

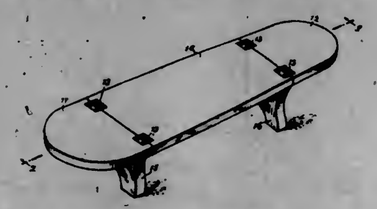
2. The process of producing fast dyeings on animal fibres which consists in charging the fibre with a sulfonated naphthalene derivative and acting on it with a diazo compound, the naphthalene and diazo compounds being so chosen that the azo dyestuff products by their interaction is poor in sulfonic acid groups.

1,579,122. COLLAR-SORTING RACK. FRED C. LACKMAN, Asheville, N. C. Filed Sept. 23, 1924. Serial No. 739,414. 1 Claim. (Cl. 211—14.)



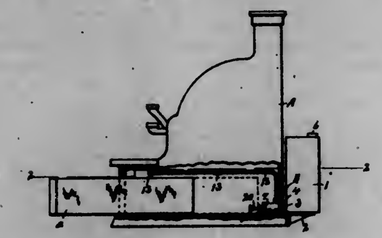
A collar sorting device for use in laundries comprising an easel-like rigid support, and a plurality of vertically spaced racks mounted thereon, each rack including a pair of horizontally spaced members secured to the support and formed as V-shaped arms, the forward arms diverging upwardly away from the rear arms and constituting retaining means, and a plate member connecting the rear arms.

1,579,123. COLLAPSIBLE IRONING BOARD. MARTHA F. MCCABE, Brooklyn, N. Y. Filed June 30, 1925. Serial No. 40,650. 3 Claims. (Cl. 68—10.)



1. A collapsible ironing board which comprises a body portion, foldable end portions pivotally connected to the ends of the body portion, foldable leg portions pivotally connected to the ends of the body portion, and means on the leg portions and the end portions for causing an interlocking action between these portions to hold the parts in a rigid condition when operatively arranged.

1,579,124. DISINFECTING ATTACHMENT FOR MONEY DRAWERS. HAROLD FAULDER MACGRATH, Syracuse, N. Y. Filed Sept. 27, 1923. Serial No. 665,164. 1 Claim. (Cl. 133—11.)



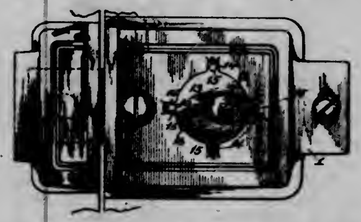
The combination with a case having a money drawer slidable therein, of a piston pump mounted in the case at the rear of the money drawer and provided with a piston rod projecting into the path of movement of said money drawer, a reservoir connected to the pump for supplying a disinfecting liquid thereto, a check valve controlling communication between the pump and reservoir; a discharge pipe leading from the pump across the open top of the money drawer when the latter is closed, said piston rod and piston being actuated by the closing of the money drawer to force the disinfectant from the pump through said pipe, and a spring for retracting the piston and piston rod and also for assisting in opening the drawer when the latter is released from its closed position.

1,579,125. STOCK GUARD FOR ROADWAYS. WILLIAM R. MARSHALL, Lewisburg, and JOSEPH E. LOCKETT, Stanton, Tenn. Filed Dec. 12, 1923. Serial No. 680,284. 1 Claim. (Cl. 39—6.)



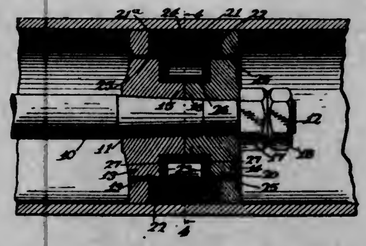
A stock guard for the purpose set forth, comprising spaced beams arranged transversely on a roadway, each of said beams having a central longitudinal depressed portion, fixed guard rails having pointed edges extending from the elevated portions of the beams, brace plates having angle ends secured to the beveled edges of the said fixed rails, boards providing wheel ways secured in the depressed portions at the ends thereof, equi-distantly spaced guard rails, each comprising a substantially rectangular member which is hingedly secured to the beams in the depressed portions thereof, each of said last mentioned guard rails having one of its outer corners beveled, angle plates secured to the ends of the last mentioned rails, each of said plates having an outwardly projecting trunnion, plates having bearing openings in which the trunnions are received, a bell crank lever having an elongated slot therethrough, a pin on one of the last mentioned plates received through said slot, an operating lever, and a link connection between the operating lever and the bell crank lever, whereby the swinging of the operating lever will simultaneously move the hinged guard rails to a vertical position to permit one of the edges thereof resting on the beams, and the movement of the said lever in an opposite direction will simultaneously swing the said rails to cause the same to rest horizontally on the said depressed portions of the beams.

1,579,126. LOCK. MAXWELL C. MAXWELL, Stamford, Conn., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Filed Sept. 7, 1923. Serial No. 661,487. 4 Claims. (Cl. 70—46.)



1. In a lock structure, the combination of a housing, a cylinder lock enclosed by said housing, and armor pins located in the wall of the housing substantially parallel with the axis of the cylinder lock.

1,579,127. EXPANSIBLE PACKER FOR PLUNGERS. ERWIN E. MILLER, Fullerton, Calif. Filed June 12, 1925. Serial No. 36,671. 13 Claims. (Cl. 74—109.)

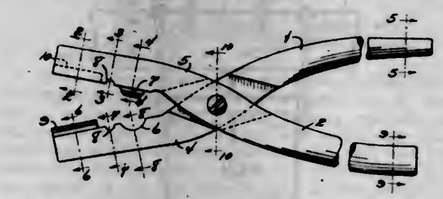


1. A plunger for pumps and the like comprising a plunger rod, means providing heads upon the plunger rod having annular shoulders upon their opposed faces, and an expansible packing loosely mounted between the heads about the shoulders, there being ports formed in the heads terminating upon the shoulders whereby upon reciprocation of the plunger rod, fluid may enter said ports and be discharged between the packing and the shoulders to expand the packing.

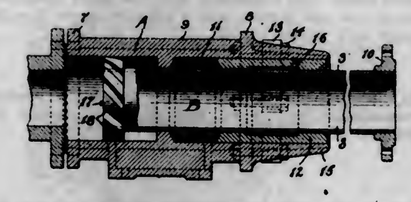
1,579,128. TOOL. NOAH SAMUEL MIZELL, Bartow, Fla. Filed Oct. 26, 1925. Serial No. 64,987. 1 Claim. (Cl. 86—22.)

A tool for the purpose set forth comprising two handle members having their confronting faces reduced at points throughout the length thereof and said reduced portions

being disposed in lapping relation and pivotally connected, said handles being round in cross section and gradually reduced in size from their pivoted to their outer ends, each of said handles merging, beyond their pivots, into jaws which are arranged angularly with respect to the handles, the inner faces of the jaws being straight, said jaws approximately in the center thereof having transversely arranged aligning semi-circular depressions, and one of the jaws inward of the said depression thereof having a rounded concavity, the opposite jaw having a knife blade to be received in the concavity, said last mentioned jaw having a slot entering from the outer end thereof and the first mentioned jaw having its inner face provided with a removable blade to be received in the mentioned slot, all as and for the purpose set forth.

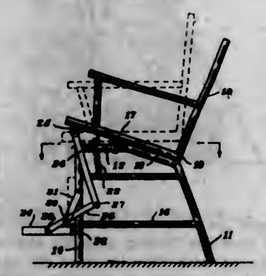


1,579,129. EXPANSION JOINT. GEORGE F. MURPHY, Philadelphia, Pa. Filed Dec. 23, 1925. Serial No. 77,255. 6 Claims. (Cl. 285—162.)



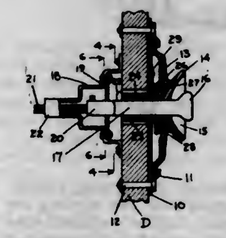
1. An expansion joint comprising a casing, a pipe telescopic in the casing, a stuffing box joint and gland therefor, said gland having means intermediate its ends for adjustable attachment to the casing and having its free end bearing on the pipe well beyond said means, and a support for the free end of the gland.

1,579,130. REST CHAIR. WILLIAM MURRAY, Philadelphia, Pa. Filed July 14, 1923. Serial No. 651,554. 2 Claims. (Cl. 155—171.)



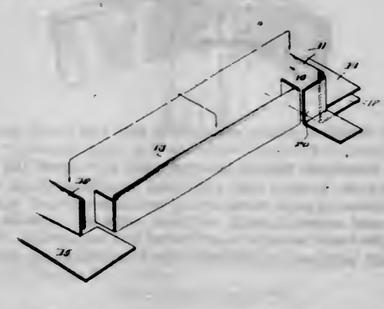
1. A chair comprising a base including front and rear legs, cross braces for said legs, a seat portion pivoted intermediate its ends to said base, a foot rest hingedly secured to one of said cross braces and being disposed adjacent the lower portion of the front legs, a lever having one end pivoted to said foot rest, a bar pivoted at one end to one of said front legs and at its opposite end to said lever intermediate the ends thereof and a link pivoted to the opposite end of said lever and to the front end of said seat whereby the foot rest will be moved simultaneously with the movement of the pivoted seat.

1,579,131. COMBINATION LOCK. NOAH N. NEHER, Whittier, Calif. Original application filed Apr. 12, 1923, Serial No. 631,572. Divided and this application filed Mar. 18, 1925. Serial No. 16,381. 5 Claims. (Cl. 70—53.)



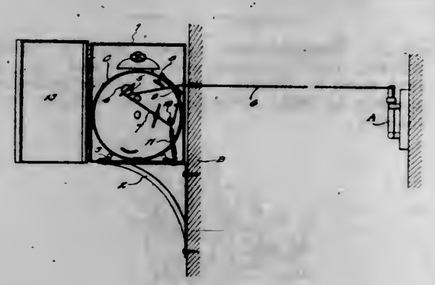
1. A combination lock comprising a slidable, but not rotatable, plunger having a projection formed thereon, a disc rotatable about said plunger, and a sleeve disposed about said plunger and having a bayonet slot formed therein capable of receiving said projection so as to permit movement of the plunger and to lock the plunger in moved position, said sleeve being actuated by said disc.

1,579,132. ROOF-WINDOW CONSTRUCTION. DAVID J. NELSON, Mediapolis, Iowa. Filed Jan. 2, 1923. Serial No. 610,323. 1 Claim. (Cl. 108—16.)



In a roof window frame construction, a rectangular frame including similar side members and top and bottom members connected therewith, the top member being formed from a single sheet of resilient material cut transversely near its ends and bent longitudinally between the cut and rebent to define an upstanding inverted channel portion, the ends being bent laterally and being formed with extensions extending at right angles to the laterally bent ends, the bottom member being similarly formed from a single sheet of resilient material cut transversely near its ends and bent longitudinally between said cuts and rebent to define an upstanding inverted channel shaped portion, the sheet of the top member being adapted for disposition beneath the shingles at the top of the window opening and the sheet of the bottom member being adapted for disposition upon the top of the shingles at the bottom of the window opening, the sides of the frame each being formed from a single sheet of material bent into channel shape corresponding to the channel shaped portions of the top and bottom members and terminating in right angularly extending tongues received slidably within the first and second named channel members.

1,579,133. SWITCH CONTROL. ARNOLD C. NEWSOM and ZED CONLEY, Leatha, Ky. Filed May 5, 1924. Serial No. 711,202. 1 Claim. (Cl. 161—1.)



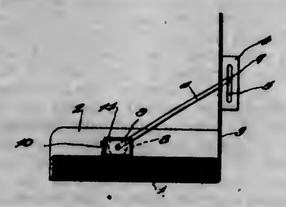
Means for opening an electric switch, comprising a clock, a reel formed with the winding key of the alarm mechanism thereof, a cable connected with said reel and with the switch, a second cable connected with the reel and with the alarm control lever of the clock, a spring connected with the stationary part and a pulley on the spring and engaging the second cable for holding the same taut.

1,579,134. WINDOW CORNICE. ARTHUR LEON NUSBAUM, Baltimore, Md. Filed Oct. 20, 1925. Serial No. 63,736. 3 Claims. (Cl. 156—13.)



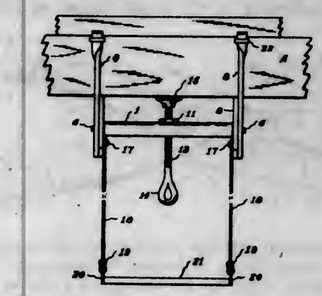
1. A window cornice comprising side and front moulding pieces, and corner blocks having right angularly opposed shoulders thereon and adapted to receive the adjacent ends of said side and front moulding pieces, the outer faces of said blocks being ornamented, and fastening means passed through the inner sides of the shoulders from the inner sides of said blocks into engagement with adjacent portions of said side and front moulding pieces.

1,579,135. NEWSPAPER HOLDER. GILBERT OLSON, Joliet, Ill. Filed June 13, 1925. Serial No. 36,916. 3 Claims. (Cl. 129—26.)



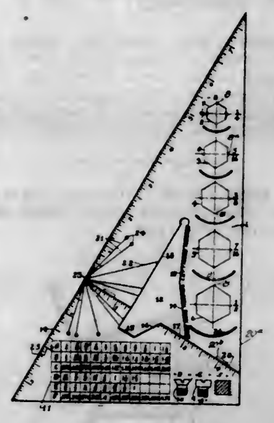
1. A newspaper holder including a receptacle open at one side, a back extending upwardly at the other side, right angularly disposed ears carried by the back having longitudinal slots therein, a frame member having adjustable connection with the slots and weighted members carried by the frame and disposed within said receptacle.

1,579,136. INDOOR SWING. WALTER R. PAXSON, Glenside, Pa., assignor to Standard Pressed Steel Company, Jenkintown, Pa. Filed July 30, 1923. Serial No. 654,738. 1 Claim. (Cl. 155—68.)



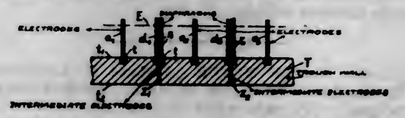
In a device of the character described, a cross bar of channel cross section, said bar being provided with end walls and with integral downwardly directed ears spaced away from said end walls, pairs of tongs at the ends of the bar, pivot members extending through the respective tongs and secured through the end walls and ears of said bar, a nipple extending through the web portion of the bar centrally thereof, securing nuts threaded on said nipple and contacting with the upper and lower faces of said web portion, and a pressure screw threaded through said nipple.

1,579,137. DRAFTING TRIANGLE. JOSEPH S. PECKER, Philadelphia, Pa. Filed Mar. 5, 1924. Serial No. 697,008. 6 Claims. (Cl. 33—104.)



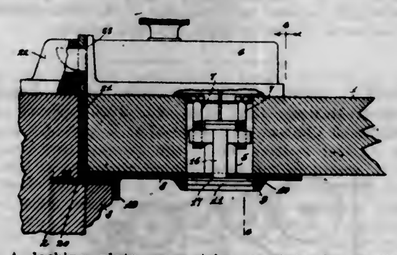
1. A device of the class described provided with a series of hexagonal openings having opposite angles located in vertical alignment with the center of the openings, said device being also provided at opposite vertical sides of the openings with notches located in horizontal alignment with the centers of the openings, said triangle being also provided with arcuate slots associated with the said openings and located at different distances from the same to indicate limitations of interference of other parts of a machine so that a wrench or other tool may be used without interference on a screw head or nut.

1,579,138. ELECTROLYTIC CELL. FRANZ PETZ, Nuremberg, Germany, assignor to Elektrizitäts-Aktiengesellschaft Vormals Schuckert & Co., Nuremberg, Germany, a German Corporation. Filed July 18, 1924. Serial No. 726,916. 7 Claims. (Cl. 204—5.)



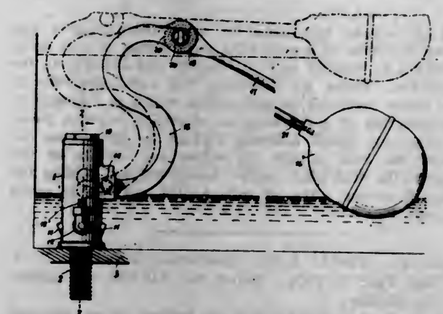
1. In an electrolytic cell in combination, a trough partly consisting of cement and adapted to contain an electrolyte, a series of plate shaped working electrodes in said trough spaced a suitable distance apart, each plate contacting with the trough bottom and with two opposite side walls thereof, means for connecting a current source to the first and the last working electrode, means for collecting and removing the gases forming at the working electrodes, and a series of intermediate electrodes embedded in the trough bottom and in said opposite side walls, and being suitably spaced with relation to said working electrodes so that at least one intermediate electrode is disposed between each adjacent part of working electrodes.

1,579,139. LOCKING PLATE FOR CYLINDER LOCKS. JAMES E. PHILLIPS, New York, N. Y. Filed Apr. 16, 1925. Serial No. 23,601. 4 Claims. (Cl. 70—16.)



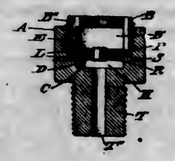
1. A locking plate, comprising a plate for receiving and holding against rotation a cylinder lock, means presenting a flange overlapping the jamb strip when the plate is in use, said plate being also formed with an edge extending to near the jamb whereby the plate cannot be rotated.

1,579,140. BALL COCK. JULIUS PHILLIPS, Trenton, N. J., assignor to The Luzerne Rubber Company, Trenton, N. J., a Corporation of New Jersey. Filed June 14, 1924. Serial No. 720,087. 8 Claims. (Cl. 137—104.)



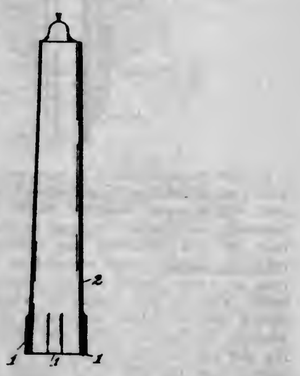
1. A ball cock for water closet flush tanks comprising a valve, a float for controlling the operation of said valve and an operating connection between said float and valve constituted of rigid members at least one of which is made of sound dampening substance.

1,579,141. SAFETY PRESSURE-RELIEVING DEVICE. RAYMOND C. PIERCE, New York, N. Y., assignor to The Linde Air Products Company, a Corporation of Ohio. Filed Sept. 25, 1922. Serial No. 590,552. 8 Claims. (Cl. 220—89.)



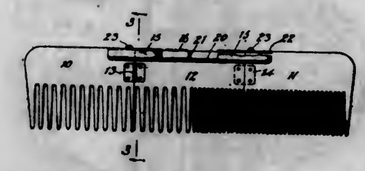
1. A safety pressure relieving device having a thin annular marginal portion adapted to be secured to a suitable holder, and a much thicker reinforcing mass united to and disposed centrally within said annular portion, said annular portion comprising a narrow section adapted to be sheared at a predetermined pressure by the cooperation of the periphery of said reinforcing mass with a part of said holder.

1,579,142. SELF-FITTING CANDLE. RICHARD HUBERT PYBUS, Derby, England. Filed Jan. 20, 1925. Serial No. 3,635. 1 Claim. (Cl. 67—22.)



A candle of circular cross section having formed integrally therewith, at its butt end, a plurality of ribs equally distant apart and longitudinally of the candle, the distance between the ribs being greater than the width of the ribs and providing spaces for the reception of material displaced circumferentially from the ribs in fitting a candle to a socket.

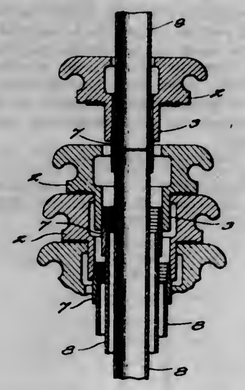
1,579,143. FOLDING COMB. MICHAEL RABB, Newark, N. J., assignor to Hercules Novelty Mfg. Company of New Jersey. Filed Oct. 20, 1925. Serial No. 63,625. 2 Claims. (Cl. 132—15.)



1. A folding comb, including hingedly connected medial and outer sections, means slidable from a position wholly disposed within the confines of the medial section to a position partially bridging the medial and outer sections for retaining the sections in opened-up end-to-end relation, said means consisting of clips of substantially U-shaped cross sectional configuration slidably embracing the upper edge of the comb, and means disposed centrally of the medial section for engaging the inner

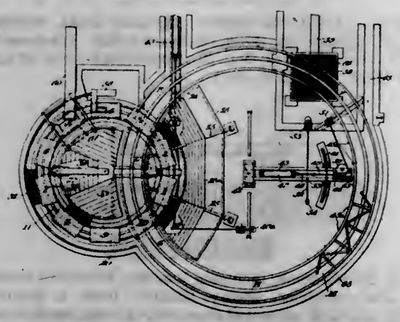
ends of the clips to limit their inward movement, the upper edge of the comb sections being rabbeted whereby the bight of the clips is disposed substantially flush with the major upper edge of the comb, the rabbeted portions of the outer comb sections defining a shoulder engageable with the outer ends of the clips for limiting their outward sliding movement.

1,579,144. PIPE-SUSPENDING DEVICE AND BLOW-OUT PREVENTER FOR OIL-WELL CASINGS. FRANK REDICK, Parkerton, Wyo. Filed Oct. 3, 1925. Serial No. 60,299. 2 Claims. (Cl. 166—14.)



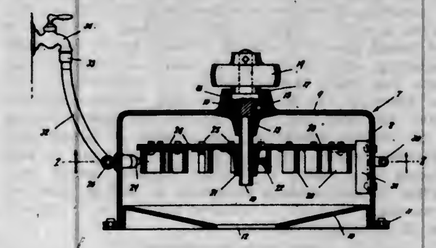
1. The combination of a base member arranged over a well and interfitting superimposed bushings on the base, and well casings designed to be suspended from the bushings, each of said casings having its outer pipe section cut and threaded, an interiorly and exteriorly threaded special collar screwed on the said casing section, an outer casing section removably screwed in the collar whereby the casing to which the collar is connected may be raised or lowered into the well and also whereby the special collar may be threaded into a bushing and the last mentioned casing section thereafter removed from the said outer casing section.

1,579,145. MOLDING AND CASTING PLANT. EARLE C. REED and HOWARD C. REED, Dunkirk, N. Y., assignors to Continental Heater Corporation, Dunkirk, N. Y., a Corporation of New York. Filed Mar. 6, 1925. Serial No. 13,622. 7 Claims. (Cl. 22—21.)



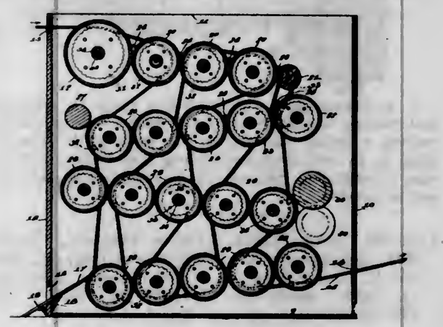
1. In a casting plant of the type in which the various molding and casting steps are performed at different stations, the combination with an endless pattern conveyor operable to move patterns and flasks past the several stations at which the mold sections are completed and the patterns are cleaned, of an endless mold conveyor operable to carry completed molds past pouring and shakeout stations, said mold conveyor branching from said pattern conveyor adjacent the mold-section completing station and returning thereto at a point past the pattern cleaning station.

1,579,146. WATER MOTOR. WALTER E. RICHARDSON, Tucson, Ariz. Filed Feb. 11, 1925. Serial No. 8,448. 3 Claims. (Cl. 253—133.)



1. A water motor comprising a rotor member, concaved buckets, means securing said buckets to said rotor member for the adjustment of said buckets about axes substantially parallel with the axis of the rotor member, and means for directing water into said buckets.

1,579,147. COOKING APPARATUS. LUIS ROMERO, Juarez, Mexico. Filed Oct. 26, 1925. Serial No. 64,866. 5 Claims. (Cl. 107—57.)



4. A cooking apparatus for cakes comprising a plurality of series of heated rolls, each series of rolls being arranged at various vertical heights, and inclined to the horizontal, means for revolving the rolls, the rolls in one series revolving in a direction which is opposite to the direction of rotation of an alternate series, a roller of relatively small diameter located in the spaces between the rolls of the top series and certain of the rolls of the next lower series, and means for guiding the cakes from one series of rolls to the next lower series of rolls.

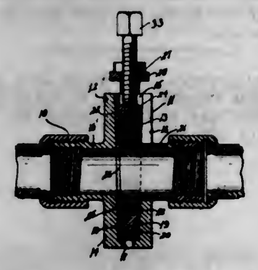
1,579,148. RING. RUBIN ROSENTHAL, Brooklyn, N. Y. Filed June 7, 1924. Serial No. 718,608. 2 Claims. (Cl. 63—29.)

1. A ring comprising a body formed of an enlarged portion having alined inner and outer sockets with a division plate therebetween, said division plate being provided with an elongated aperture, a removable background mounted in the outer socket, a removable ornamental member mounted on top of the background, and a locking member connected with said background for locking the background against removal, said locking member being swingably mounted and proportioned to pass



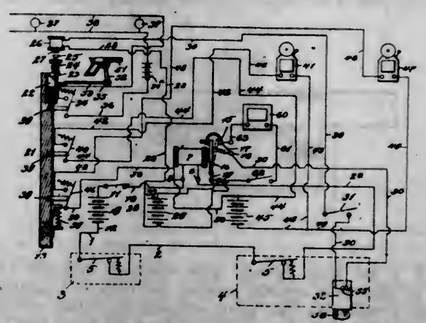
through said aperture when the background is placed in said outer socket, said locking member being capable of turning so as to straddle said aperture for locking the parts in position.

1,579,149. COUPLING. FRANCIS R. RUBELLI, West New Brighton, and OSKAR FRISK, Brooklyn, N. Y. Filed Apr. 11, 1924. Serial No. 705,871. 1 Claim. (Cl. 285—144.)



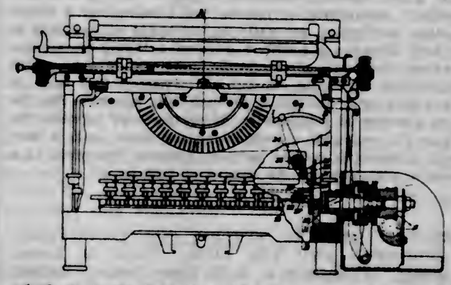
A pipe coupling comprising a female member having a recess provided therein, an attaching nipple extending from one wall of said member, the opposite wall of said member having a slot therein terminating short of the bottom wall thereof, all of the vertical interior walls of said recess being tapered from top to bottom, a male member including a head, all of the vertical walls of said head being correspondingly tapered for seating engagement with the vertical walls of said recess, an attaching nipple extending from said head and through the slot in said female member, a gasket interposed between one wall of said recess and the adjacent co-acting face of said head, said female member having a drain opening therein communicating with said recess, and an adjustable clamping means carried by said female member and engaging said male member for holding the latter seated with the former.

1,579,150. ALARM APPARATUS. OSCAR SANDWEISS, St. Louis, Mo. Filed Apr. 4, 1921. Serial No. 458,324. 2 Claims. (Cl. 177—314.)



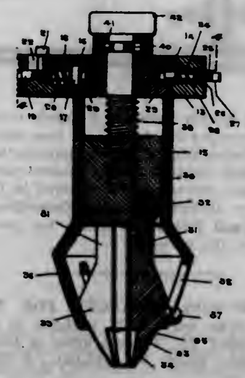
1. An electric alarm apparatus comprising, in combination with an apertured enclosing cabinet, a movable closure for the aperture of the cabinet, an electrically actuatable spring-bolt for normally releasably locking the closure in aperture closing position, and a spring for actuating the closure when released by said bolt, a normally closed main circuit including a magnet coil concealed in the cabinet, a second circuit including a second magnet coil and a switch also concealed within the cabinet, said switch being magnetically controlled by the first magnet coil to open the second circuit when the main circuit is closed and adapted to close the second circuit on an opening of the main circuit, an alarm circuit including a second circuit closing-switch disposed within the cabinet, and a projection on the closure adapted, when the closure is in apertured closing position for engagement with the second switch to open the alarm circuit, said second switch being adapted to automatically close the alarm circuit when said projection is out of engagement therewith and the second magnet being adapted on a closing of the second circuit to actuate said bolt to release the closure for actuation by said spring to carry said projection out of circuit opening engagement with the second switch.

1,579,151. TYPEWRITING MACHINE WITH POWER DRIVE. CARL SCHLÜNS, Berlin-Steglitz, Germany, assignor to Mercedes Büro-Maschinen- und Waffen-Werke, Benshausen, Thuringia, Post Mehlis, Germany. Filed July 28, 1923. Serial No. 654,446. 25 Claims. (Cl. 197—17.)



1. In a typewriter, type levers, a rotating drive shaft, means connected with said type levers for operating the latter, means for bringing said operating means into engagement with said drive shaft for actuating said type levers, independently rotatable abutment cams for limiting the engagement of said operating means with said drive shaft, and means for locking said cams in selective positions.

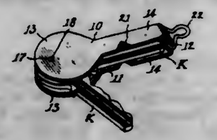
1,579,152. WRENCH. WILLIAM D. SEAL, Des Arc, Mo. Filed Aug. 21, 1923. Serial No. 658,575. 2 Claims. (Cl. 81—60.)



1. A tool comprising an actuating member having a circular opening therein, a head having a cylindrical portion fitted rotatably and removably in said opening co-

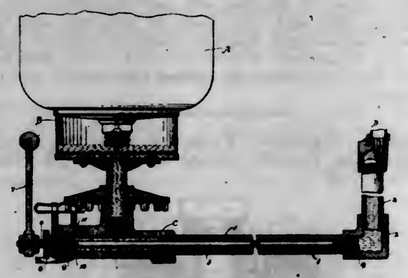
axial with said opening, said head having an annular groove and ratchet notches between the sides of the groove, a retaining member movably mounted in said actuating member and adapted to project into said opening and fit snugly in said groove, a pawl independent of said retaining member mounted movably in the actuating member to project into said opening and engage said ratchet notches, and spring means for moving said retaining member and pawl into said opening to engage in said groove and notches respectively, said retaining member and pawl being adapted to be retracted from said opening to permit the head to be withdrawn from the opening.

1,579,153. KEY HOLDER. ALFRED A. O. SEELER, South Orange, N. J. Filed Dec. 31, 1924. Serial No. 759,144. 3 Claims. (Cl. 59—98.)



1. A key holder comprising a pair of side plates each having a substantially circular end portion and a shank portion conforming generally to the shape of the keys to be held thereby, a resilient integral bridging connection between the ends of the shank portions of said plates and means extending through the opposite free ends of the plates and insertable through the apertures in the keys whereby to frictionally clamp the keys between the plates for swinging movement of the same from a normally covered or housed position between the plate to a position for exposing the shanks of said keys.

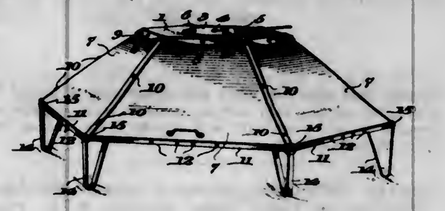
1,579,154. HEATING SYSTEM FOR INCUBATORS, BROODERS, AND THE LIKE. HENRY M. SHEER, Quincy, Ill., assignor to H. M. Sheer Company, Quincy, Ill., a Corporation of Illinois. Filed Sept. 25, 1922. Serial No. 590,461. 2 Claims. (Cl. 158—40.)



1. A heating system including a supply tank, a burner, a base for supporting the tank, said base having a channel extending therethrough, and communicating with the tank, a feed pipe connecting the channel and burner, a plug screwed into one end of the channel in the base and having a screw threaded opening therethrough, and a valve-stem screwed into said opening for controlling the supply of oil to the burner.

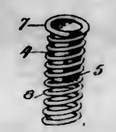
1,579,155. SECTIONAL CANOPY FOR BROODERS. HENRY M. SHEER, Quincy, Ill., assignor to H. M. Sheer Company, Quincy, Ill., a Corporation of Illinois. Filed Nov. 16, 1923. Serial No. 675,161. 5 Claims. (Cl. 119—32.)

5. A canopy having a polygonal top, side sections secured along adjacent edges to one another and to the top forming polygonal outer edge, transverse braces extending diagonally across corners between the adjacent sections and secured thereto, and substantially U-shaped



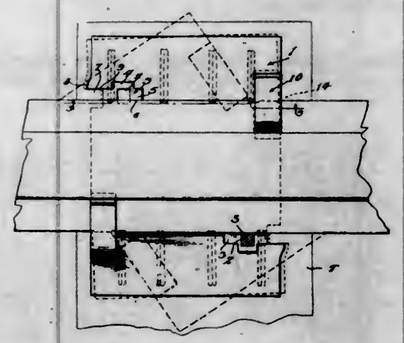
legs having the outer ends thereof secured to the corners of the canopy and having the inner ends secured to the transverse braces.

1,579,156. ELECTRICAL CONTACT FOR TERMINALS OF VACUUM TUBES. JOHN H. SIEMANN, Brooklyn, N. Y. Filed May 2, 1924. Serial No. 710,604. 3 Claims. (Cl. 250—27.)



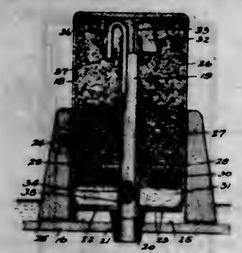
1. A contact device for vacuum tube prongs, which comprises a sleeve adapted to be frictionally disposed over a prong, a coil spring fixed to said sleeve and surrounding the said sleeve, said spring extending below the lower end of the prong to make contact with the terminal of a vacuum tube socket.

1,579,157. TIE PLATE. WILLIAM P. SINGELTARY, Asheville, N. C. Filed Jan. 26, 1925. Serial No. 4,845. 4 Claims. (Cl. 238—298.)



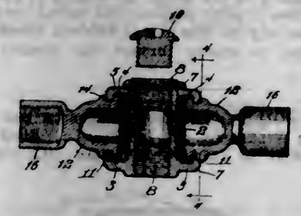
1. A tie plate having spike openings adjacent two of its diagonally opposite corners, and rails base engaging lugs overhanging the plate adjacent the other corners thereof, the plate being provided upon its upper side adjacent each spike opening with a shoulder, the shoulders being designed to engage the opposite side edges of the base of a rail and being spaced apart on lines coincident with the inner sides of the lugs.

1,579,158. WATER FILTER. ROBERT H. SMILIE, Oakland, Calif. Filed Jan. 8, 1923. Serial No. 611,509. 9 Claims. (Cl. 210—108.)



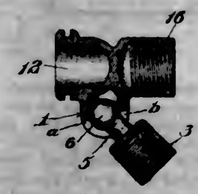
4. In a filter, a siphon, filtering material within the siphon, and means providing a by-pass around air that may accumulate at the top of the siphon.

1,579,159. RAIL FITTING. ALBERT RICHARD SPIKINGS, Lake Placid Club, N. Y. Filed Mar. 4, 1924. Serial No. 696,847. 1 Claim. (Cl. 287—54.)



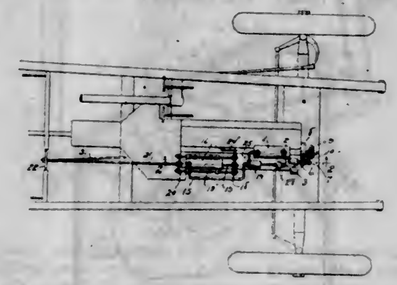
A rail fitting comprising a shell, a tubular member disposed therethrough and spaced from the face walls of the shell, the tubular member being internally threaded at each end for connecting rails thereto and externally threaded at one end thereof, means for maintaining the shell and tubular member in assembled relation, the face walls of the shell being provided with openings, socket members having recesses engageable within the openings of said face walls, a removable head engageable with the recesses of the socket members, and a nut engaging the external threads of the tubular member for holding the head in applied position.

1,579,160. BRACING COUPLING. ALBERT RICHARD SPIKINGS, Lake Placid Club, N. Y. Filed June 17, 1924. Serial No. 720,582. 1 Claim. (Cl. 287—54.)



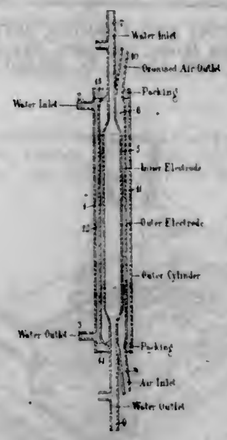
A rail structure comprising, in combination, a socket member having recesses provided at one end thereof for connection with a railing post, the opposite end portion of the socket member being tubular and internally threaded for engagement with a rail, the central portion of the socket member having formed integral therewith a laterally directed hollow extension, the wall of said extension having a slot, a portion of the slot being enlarged, a cap adapted for connection with a brace member, said cap being provided with an outstanding member terminating in an enlargement, said enlargement being insertable through the enlarged portion of the slot of the extension, and said outstanding member being movable within the slot.

1,579,161. AUTOMOBILE HYDRAULIC GOVERNOR. SIDNEY W. STACY, Uniontown, Pa. Filed Mar. 28, 1925. Serial No. 19,097. 1 Claim. (Cl. 192—3.)



A governor for a motor vehicle comprising a supply tank, a gear pump, a pipe connecting the pump with the tank, a gear loosely mounted on the pump shaft, clutch means for connecting the gear with the shaft, a governor operated by the motor of the vehicle for actuating the clutch means, means for connecting the gear with the movable part of the motor, a casing, means for connecting the same with the outlet of the pump, an adjustable control valve in the connection, a cylinder, a piston therein, means for connecting the piston with the brake mechanism and throttle mechanism of the vehicle, means for connecting the casing with the cylinder, means for connecting the casing with the tank and a check valve for controlling such connection.

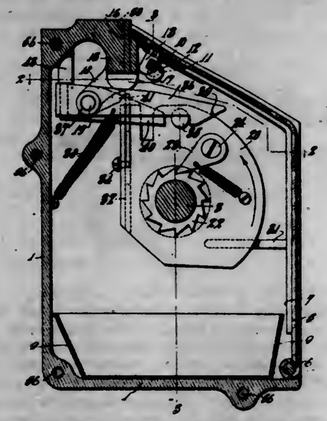
1,579,162. PROCESS FOR PRODUCING OZONE. ALFRED STARKE, Scottdale, Pa., and HANS VON WARTENBERG, Danzig-Langfubr, Free State of Danzig, assignors to the Firm of Ozonbochfrequenz G. m. b. H., Berlin-Wilmersdorf, Germany. Filed Feb. 2, 1923. Serial No. 616,620. 2 Claims. (Cl. 204—32.)



1. In a process for producing ozone in an ozonizer having electrodes, which consists in passing the medium to be ozonized through the ozonizer between the electrodes and subjecting it therein to the action of electric energy in the form of alternating currents, supplying the alter-

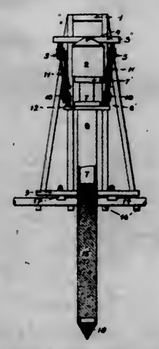
nating currents to the said electrodes in the form of undamped oscillations, the periodicities of which lie in the range from 1,000 to 100,000 periods per second as set forth.

1,579,163. COIN-CONTROLLED APPARATUS. DAVID H. STEWART, Kent, Ohio, assignor to Stewart Machine Co., Kent, Ohio. Filed Jan. 7, 1924. Serial No. 684,863. 8 Claims. (Cl. 194—63.)



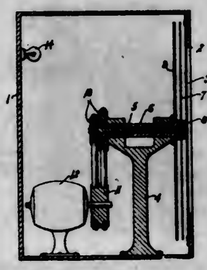
1. In apparatus of the class described, the combination with a movable part of a vending machine, of a member for moving said movable part, a casing for enclosing said member, the said casing having a coin slotway, the said member having a coin slotway adapted to register with that of the said casing, means for holding said member against forward movement, means on said member for holding the coin inserted into the slotway thereof in a manner whereby the same will project therefrom, means releasable by coin engagement for releasing said forward rotation preventing means, and swingably mounted means mounted on said casing and adapted to be swung into the path of the coin slotway whereby the coin slotway thereof may be restricted to receive certain predetermined coins only.

1,579,164. DRIVING AND FORMING CAST-IN-PLACE PILES. JOSEPH HARRY THORNLEY, New York, N. Y. Filed Oct. 12, 1922. Serial No. 593,990. 9 Claims. (Cl. 61—57.)



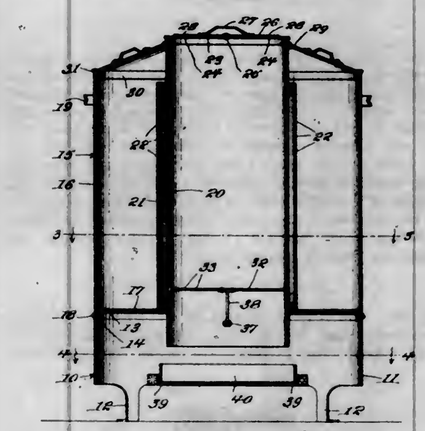
1. A concrete pile forming apparatus comprising a frame, a hammer, a pivoted cross arm borne by said hammer, pulleys attached to said cross arm, other pulleys adapted to be attached to said frame, cables extending over said pulleys to operate same and a hoist connected to the cables.

1,579,165. COLOR BLENDER. WILLIAM N. TIENCKEN, Savannah, Ga. Filed July 20, 1923. Serial No. 652,839. 1 Claim. (Cl. 46—14.)



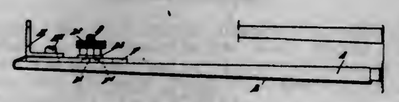
A device of the class described comprising a housing having a window therein, a support in the housing, a tubular shaft journaled in the support, a solid shaft passing through the tubular shaft and having its end extending beyond the end of the tubular shaft, a shutter carried by said extended end, a disc connected with the tubular shaft and arranged in rear of the shutter, means for rotating the shafts by one motor, an opening in the shutter extending from a point adjacent the center towards the circumference and the disc having different colors thereon and arranged to appear through the opening in the shutter.

1,579,166. BOILER. ANTHONY TORTORICH and EDWARD FONTAINE WILKINSON, Sr., Lutcher, La. Filed Sept. 3, 1924. Serial No. 735,668. 2 Claims. (Cl. 126—344.)



1. A device of the character described comprising a cylindrical base member open at its bottom and provided at its top with an inwardly extending supporting ring portion, the base member being provided with legs the spaces between which constitute draft openings, an ash pan removably mounted within said base member, a cylindrical boiler registering with and mounted upon the base member, the boiler having a bottom member and a removable cover, said bottom of the boiler resting upon the inwardly directed ring portion at the upper edge of the base member, a cylindrical flue extending axially through the boiler and having its lower end secured to and projecting beyond the bottom thereof and terminating at a point above said ash pan, an annular perforated wall member surrounding said flue in spaced relation thereto, a grate located within the lower portion of the flue, and a removable cover for the flue provided with draft regulating means.

1,579,167. MEANS FOR HOLDING ABRASIVE, POLISHING, OR LIKE MATERIAL. LESLIE TOWL, London, England. Filed Nov. 20, 1922. Serial No. 602,128. 6 Claims. (Cl. 51—187.)



1. A device of the class described, comprising a flexible abrasive or polishing strip, a holder for said strip provided with a tubular end portion, a handle member having a part adapted to fit within the tubular end portion of the holder and serving to clamp one end of the flexible abrasive or polishing strip to the holder within the tubular end portion thereof, and securing means for the other end of the flexible abrasive or polishing strip on the holder.

1,579,168. ELECTRIC CONDENSER. CHARLES E. VAWTER, Philadelphia, Pa., assignor to Dubilier Condenser & Radio Corporation, New York, N. Y., a Corporation of Delaware. Filed Apr. 28, 1923. Serial No. 635,210. 2 Claims. (Cl. 250—41.)



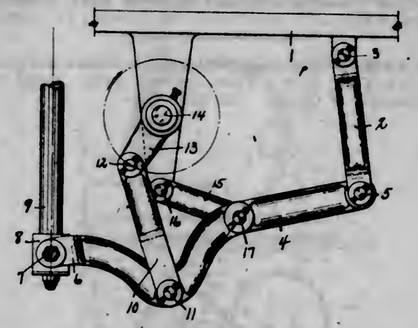
1. An electric condenser comprising a plurality of armatures of electrically conductive material, a plurality of sheets of mica interposed between the armatures, a casing clamping said armatures and strips of mica together, and sheets of material more compressible and less brittle than mica interposed between the casing and the opposite surfaces of the assembled armatures and mica sheets, whereby when the casing is compressed, the armatures and mica will be held firmly together without impairment of the mica.

1,579,169. MANUFACTURE OF DIPPED RUBBER GOODS. GIUSEPPE VENOSTA, Milan, Italy. Filed Mar. 12, 1924. Serial No. 698,804. 8 Claims. (Cl. 18—58.)

8. A process for producing seamless rubber goods consisting in dipping a suitable former in the latex of a caoutchouc-bearing plant to which sulphur and a metallic oxide have been added, evaporating its water-content introducing into the film thus obtained an accelerator by absorption from the external surface, and vulcanising by heating at a suitable temperature.

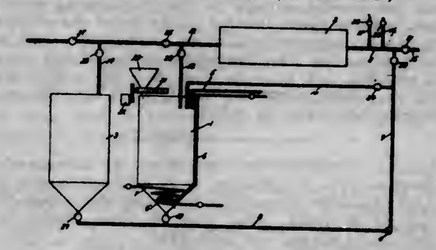
1,579,170. PLUNGER-OPERATING MECHANISM. GUY C. WILKINSON and MEAD HEDGLON, Syracuse, N. Y., assignors to Syracuse Washing Machine Corporation, Syracuse, N. Y., a Corporation of New York. Filed Oct. 25, 1921. Serial No. 510,331. 2 Claims. (Cl. 74—14.)

1. A plunger operating mechanism comprising in combination with a vertically movable plunger, a walking beam fulcrumed at one end to permit longitudinal movement of the beam and having its other end operatively connected to the plunger, a rotary driving element movable about a fixed axis above the intermediate portion of the walking beam, a pitman having one end eccentrically pivoted to the driving element and its other end pivotally connected to the intermediate portion of the walking beam for rocking said beam upon its fulcrum and thereby reciprocating the plunger, and a radius rod having one end pivoted to swing about a fixed axis in the vertical plane of and below the axis of the driving



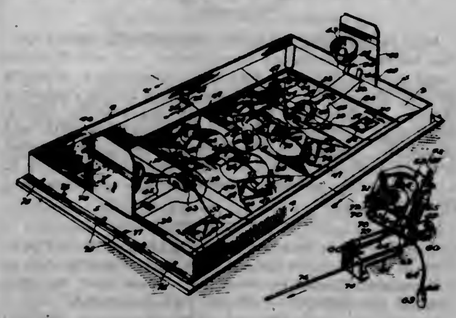
element and its other end pivotally connected to the walking beam between the fulcrum of said beam and the pivotal connection of the pitman with the beam.

1,579,171. PROCESS OF FILTRATION AND TREATMENT OF LIQUIDS. CHARLES V. ZOUL, Santa Monica, Calif., assignor to The Celite Company, Los Angeles, Calif., a Corporation of Delaware. Filed Feb. 18, 1923. Serial No. 618,803. 14 Claims. (Cl. 210—208.)



1. The process of filtration comprising repeatedly circulating clean liquid through a filtering apparatus, followed by a gradual addition of a filter aid to the circulating liquid; so as to form a bed of filter aid upon the filtering surfaces of the filtering apparatus previous to passage therethrough of the solution to be treated.

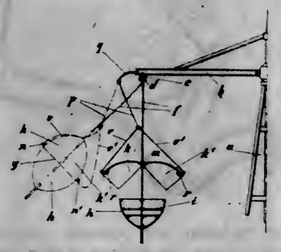
1,579,172. BASKET-BALL GAME APPARATUS. JOHN W. WEAVER, Raleigh, N. C. Filed Aug. 8, 1925. Serial No. 49,040. 19 Claims. (Cl. 273—85.)



1. In a game apparatus, a game board having an opening and formed with the upper surface thereof sloping toward said opening, a rest block associated

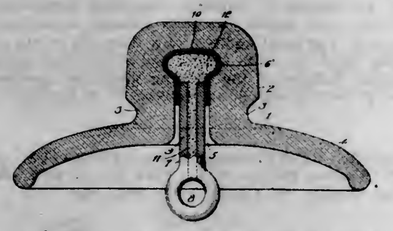
with said opening and having a run-way for the reception of a ball entering said opening, and means carried by said rest block adapted to be actuated to project said ball from said run-way into the space above the game board.

1,579,173. FLYING ROUNDABOUT. AUGUST ALTMANN, New York, N. Y. Filed Nov. 15, 1924. Serial No. 750,047. 2 Claims. (Cl. 272—41.)



1. A flying roundabout comprising in combination, a centrally rotating shaft, radial sweeps fixed on said centrally rotating shaft, a rectangular articulated frame at the front end of each sweep, a vehicle mounted in said rectangular frame, a hood on said vehicle said hood being composed of two halves hingedly connected the one with the other, a curved outrigger hingedly fixed on the front end of each sweep, a rod attached to the front end of said outrigger so that it can swing on the same, and two ropes attached to the lower end of said rod and to the outer end of the corresponding half of said hood so that when the vehicle is at rest said ropes are stretched and raise the hood from the vehicle but when the vehicle is swung out, said ropes are slack and lower the hood onto the vehicle.

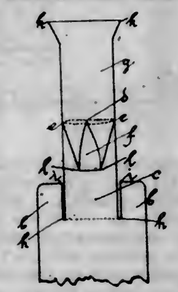
1,579,174. INSULATOR. MINOR F. H. GOUVERNEUR, Rochester, N. Y., assignor, by mesne assignments, to Locke Insulator Corporation, Baltimore, Md., a Corporation of Maryland. Filed July 29, 1919. Serial No. 313,976. 1 Claim. (Cl. 173—318.)



An eye bolt for insulators comprising a shank portion having a tubulature therethrough, one end of which shank is provided with means for engaging a co-acting member, the opposite end of said shank having connected thereto, in fluid-tight relation, an imperforate, hollow, thin-walled, soft-metal thimble communicating with said tubulature, whereby said bolt is adapted for connection with an associated portion by inserting said thimble in a corresponding aperture in said portion and expanding the same in place.

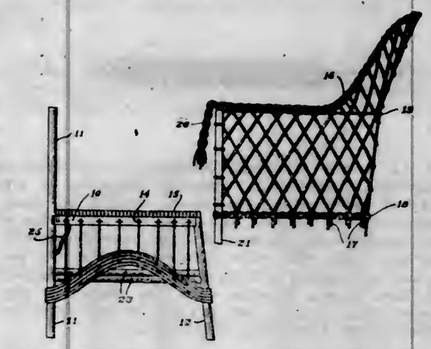
1,579,175. PROCESS OF MANUFACTURING STOCKINGS UPON THE FLAT HOSIERY FRAME. CURT HILSCHER, Chemnitz, Germany. Filed Mar. 1, 1923. Serial No. 622,125. 1 Claim. (Cl. 66—186.)

Process of manufacturing a stocking upon the flat hosiery frame consisting in working, after the production of the legs, heel parts, and foot upper, of several setting-on rows in the breadth of the French toe, in producing the French toe in continuation of said setting-on rows, in removing the stocking from the frame needles, in setting-on upon the frame needles the parts



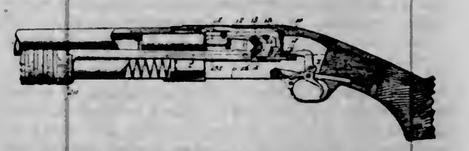
of the toe which project laterally over the foot upper and in using the set-on parts as beginning for the sole part which has to be worked in the same breadth as these parts.

1,579,176. SECTIONAL CHAIR. JOHN JASNOSZ, Philadelphia, Pa. Filed May 11, 1923. Serial No. 638,304. 1 Claim. (Cl. 155—196.)



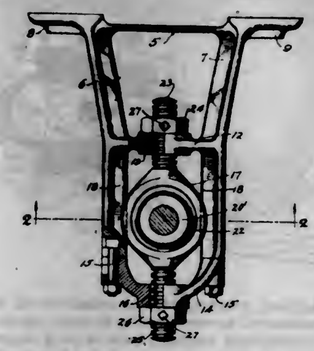
As a new article of manufacture, a sectional chair including a base portion comprising a frame, front and rear legs upon opposite sides of the frame, a seat portion upon said frame, woven wicker on said frame embracing the legs and said front legs extending a predetermined distance above the seat, a top portion comprising arms and back portion of woven material normally disconnected from the base portion, said arm rests having loop portions thereon for engagement with the upwardly projecting ends of said front legs and means whereby to connect the top portion to the base frame.

1,579,177. FIREARM. CRAWFORD C. LOOMIS, Ilion, N. Y., assignor to Remington Arms Company, Inc., a Corporation of Delaware. Filed Sept. 11, 1924. Serial No. 737,023. 7 Claims. (Cl. 42—17.)



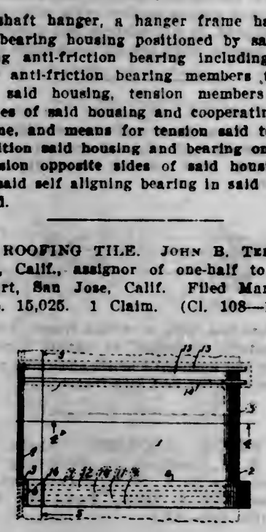
2. In a firearm comprising a reciprocating breech block, an action bar for operating said breech block and a firing mechanism, means controlled in part by said firing mechanism for locking said action bar when the firing mechanism is in firing position, and means associated with said action and said locking mechanism for preventing the release of said action bar for retraction until the action bar has first moved forward relative to the locking mechanism.

1,579,178. SHAFT HANGER. HARRY R. REYNOLDS, New Britain, Conn., assignor to The Fafnir Bearing Company, New Britain, Conn., a Corporation of Connecticut. Filed May 19, 1925. Serial No. 31,260. 2 Claims. (Cl. 308—33.)



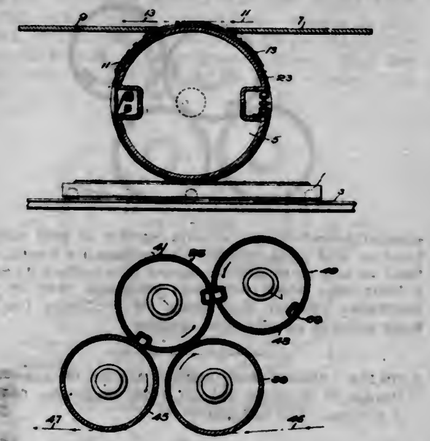
1. In a shaft hanger, a hanger frame having guides thereon, a bearing housing positioned by said guides, a self aligning anti-friction bearing including inner and outer races anti-friction bearing members therebetween carried by said housing, tension members secured to opposite sides of said housing and cooperating with said hanger frame, and means for tension said tension members to position said housing and bearing on said frame and to tension opposite sides of said housing whereby binding of said self aligning bearing in said housing will be prevented.

1,579,179. ROOFING TILE. JOHN B. TEIXEIRA, near San Jose, Calif., assignor of one-half to Antone M. Bettencourt, San Jose, Calif. Filed Mar. 12, 1925. Serial No. 15,025. 1 Claim. (Cl. 108—10.)



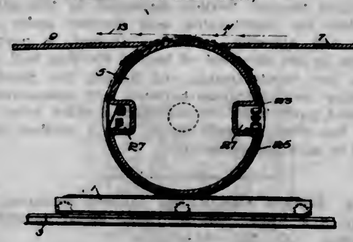
A roofing tile comprising a plate having an upstanding flange extending its full width at one end and a downwardly curving lip at the other end, said lip having a notch formed therein and said flange having one end offset a distance to receive one end of the upstanding flange on an adjoining tile, and said plate having a pair of upstanding spaced and parallel ribs of uniform height formed along one side edge to form a groove the other side edge carrying an upstanding flange and a laterally extending overhanging part carried by said flange, said overhanging part having a pair of spaced parallel ribs of uniform height depending therefrom to form, in conjunction with said last mentioned flange, a pair of parallel grooves and a groove formed transversely in its upper surface adjacent to said first mentioned upstanding flange.

1,579,180. PRESS. LESTER THAYER, Winthrop, Mass., assignor to Forbes Lithograph Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Filed June 1, 1922. Serial No. 565,215. Renewed Jan. 6, 1926. 14 Claims. (Cl. 101—141.)



1. In a lithographing press, the combination with a rotary impression member for the sheet operated upon and a plate carrying member, of a knife for splitting the sheet transversely to the axis of said impression member simultaneously with the applying of print thereto, said knife being carried by one of said members for acting on the sheet intermediate the boundaries of the region thereof printed, and a platen for the knife adjustable toward or away from the cutting edge of said knife carried by the other of said members.

1,579,181. METHOD OF AND AND APPARATUS FOR LITHOGRAPHING. LESTER THAYER, Winthrop, Mass., assignor to Forbes Lithograph Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Filed July 18, 1923, Serial No. 652,335. Renewed Jan. 16, 1926. 13 Claims. (Cl. 101—146.)

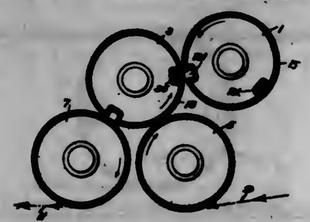


5. In a flat bed press, a rotary impression cylinder, a straight knife arranged lengthwise of said bed and set up among the plates on said bed, and a radially adjustable band encircling said impression cylinder intermediate its length and serving as a platen for said knife.

1,579,182. LITHOGRAPHING PRESS. LESTER THAYER, Winthrop, Mass., assignor to Forbes Lithograph Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Original application filed June 1, 1922, Serial No. 565,215. Divided and this application filed July 18, 1923, Serial No. 652,336. Renewed Jan. 16, 1926. 13 Claims. (Cl. 101—141.)

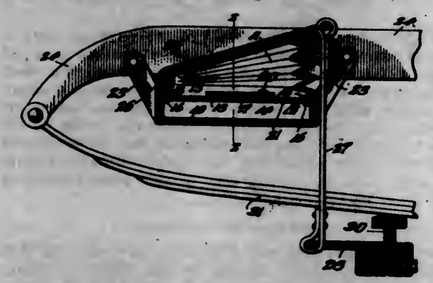
1. A rotary lithographing press having in combination an impression cylinder, a plate cylinder, a band on said

impression cylinder transversely disposed thereto intermediate its length, shims for adjusting said band radially of said impression cylinder, means for tensioning said band, packing on said impression cylinder at each side of said band, the outer surface of said packing being sub-



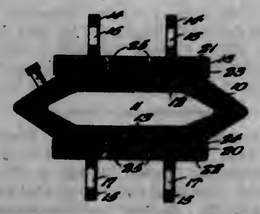
stantially flush with the outer surface of said band, a band on said plate cylinder intermediate its length, said band on said plate cylinder having intermediate its width a knife edge which cooperates with said band on said impression cylinder, and means for tensioning the said band which is on said plate cylinder.

1,579,183. SHOCK ABSORBER. ALFRED WEILAND, East Orange, N. J. Filed Jan. 10, 1924. Serial No. 685,365. 9 Claims. (Cl. 267—31.)



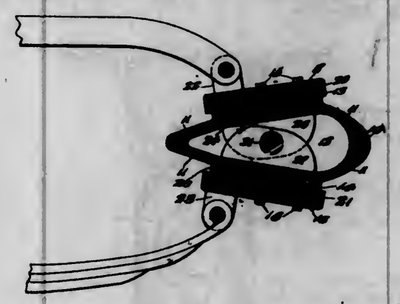
1. A shock absorber comprising an expansible, flexible walled hollow member, means for rigidly securing said member to the frame of a vehicle, means including a rigid hinged member flexibly connected to the axle of the vehicle for maintaining said member under compression and allowing expansion thereof, a partition transverse to the direction of impact dividing said member into two compartments and having two ports for establishing communication between said compartments, one of said ports being uncontrolled, a check valve controlling the other of said ports, and a medium under pressure in said compartments.

1,579,184. SHOCK ABSORBER. ALFRED WEILAND, East Orange, N. J. Filed Feb. 26, 1924. Serial No. 695,204. 6 Claims. (Cl. 267—31.)



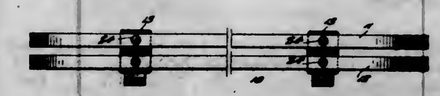
1. In a shock absorber, the combination of a pneumatic member of substantially elliptical form in cross section and having bosses molded respectively in two opposite sides, a base member fixed to one of said bosses, means for attaching said member to a cooperating part, a plate fixed to the opposite boss and arranged to be secured to another cooperating part, and means for varying the effective area of pressure between said plate and said pneumatic member.

1,579,185. SHOCK ABSORBER. ALFRED WEILAND, East Orange, N. J. Filed Nov. 1, 1924. Serial No. 747,218. 7 Claims. (Cl. 267—32.)



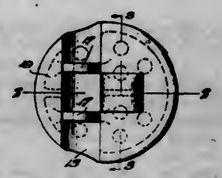
1. In a shock absorber, the combination of a hollow member containing a compressible medium, means for respectively connecting opposite ends of said member to a fixed part of a vehicle and to a spring actuated part of said vehicle, and means molded with said member for resisting movement, in a predetermined direction, of one part of said member with respect to another part.

1,579,186. VEHICLE BUMPER. ALFRED WEILAND, Neshanic, N. J., assignor to Pneumatic Appliances Corporation, New York, N. Y., a Corporation of Delaware. Filed July 10, 1925. Serial No. 42,705. 9 Claims. (Cl. 293—55.)



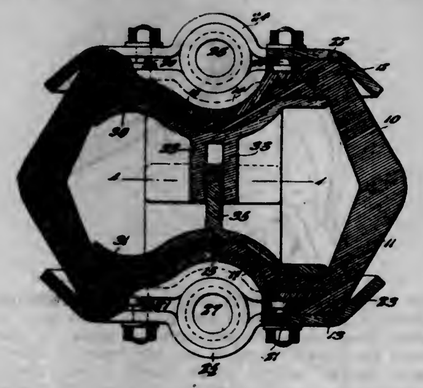
1. In combination with a vehicle frame, a bumper bar of spring material arranged to extend across an end of the vehicle, and pneumatic shock absorbing means interposed between said bar and said frame.

1,579,187. SHOCK ABSORBER. ALFRED WEILAND, Neshanic, N. J., assignor to Pneumatic Appliances Corporation, New York, N. Y., a Corporation of Delaware. Filed Aug. 6, 1925. Serial No. 48,555. 12 Claims. (Cl. 267—35.)



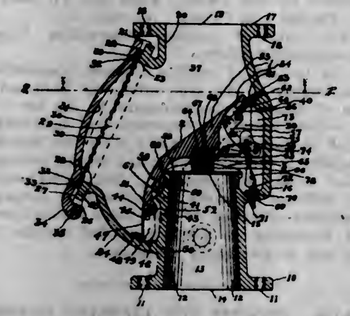
1. In a shock absorber, the combination of a resilient member having a groove in its top to seat the end of a vehicle spring, means for securing said end in said groove, and means for anchoring the bottom of said member to a part of the vehicle.

1,579,188. SHOCK ABSORBER. ALFRED WEILAND, Neshanic, N. J., assignor to Pneumatic Appliances Corporation, New York, N. Y., a Corporation of Delaware. Filed Aug. 6, 1925. Serial No. 48,556. 7 Claims. (Cl. 267—35.)



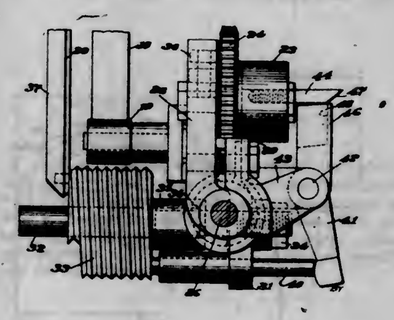
1. A shock absorber comprising an expansible hollow member, a pair of metal plates in said member forming respectively top and bottom hinges therefor, interfitting means between said plates providing for relative movement of said plates towards and away from each other and preventing other relative movement, and means for respectively connecting said member at opposite ends to the frame and the spring of a vehicle.

1,579,189. DRY-PIPE VALVE. JOHN W. YATES, New York, N. Y. Filed Sept. 21, 1922. Serial No. 589,615. 11 Claims. (Cl. 169—22.)



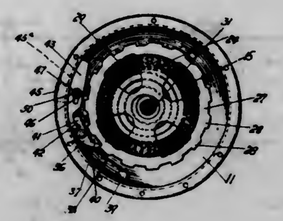
1. A dry pipe valve, comprising a housing forming an air pressure chamber and a second housing forming a water pressure chamber; an air valve for the air chamber and a water valve for the water chamber, the valves being connected to form a single valve structure, there being a fulcrum means on the exterior of the housing of the water pressure chamber, engaging the lower end portion of the valve structure when in closed position, and parallel links on the exterior wall of the water pressure chamber pivotally connected to the other end of the valve structure, the said fulcrum means cooperating with the links for maintaining the valve structure in closing position, when the pressure in the air chamber exceeds that in the water chamber; the co-operation of the links and the fulcrum being broken upon excess of pressure in the water chamber over the pressure in the air chamber and causing the valve structure to be moved to open position, the valve structure being guided by the links.

1,579,190. BUILDER MECHANISM FOR YARN SPINNING AND WINDING MACHINES. HORACE H. BURDETT, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Dec. 17, 1925. Serial No. 76,109. 11 Claims. (Cl. 242—43.7.)



1. In a builder mechanism, the combination of a main builder cam, a builder arm, a bunch building worm carried by the builder arm, a winding drum on the builder arm, a rotatable bunch building device for engaging the worm and restraining it from movement out of bunch building position until said device is rotated, and means actuated through the winding drum on winding back the builder mechanism for moving the worm relatively to the builder arm into bunch building position.

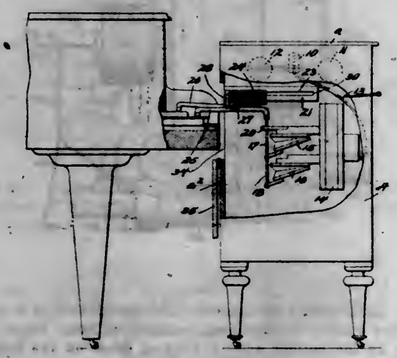
1,579,191. AUTOMATIC FISHING REEL. FRANCIS M. CASE, Cleveland, Ohio, assignor to The Enterprise Manufacturing Company, Akron, Ohio, a Corporation of Ohio. Filed June 23, 1924. Serial No. 721,624. 1 Claim. (Cl. 242—84.3.)



In an automatic fishing reel, a front plate having a flange, a spring located within the flange, a drum upon which the spring is mounted, a cap plate for winding the spring, a ratchet on the outer surface of the drum, a wall formed in the front plate and surrounding the ratchet, a pawl and a latch to operate said pawl lying within the space between the ratchet and the wall, the pawl being pivoted and having one end engaging the ratchet and the other end formed with a cam surface, the latch being curbed along its outer edge to fit the wall, and having a cam surface adapted to cooperate

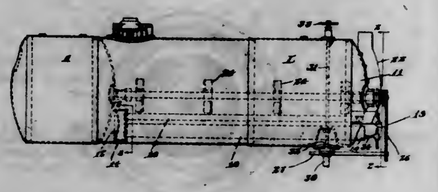
with the cam surface on the pawl, the latch being mounted to move in an arc to actuate the pawl, and an integral projection upon the latch and passing through a slot in the wall by means of which projection the latch may be operated.

1,579,192. CABINET PLAYER. TOLBERT F. CHEEK, New York, N. Y., assignor to Welte-Mignon Corporation, New York, N. Y., a Corporation of New York. Filed Sept. 20, 1923. Serial No. 663,830. 9 Claims. (Cl. 84—111.)



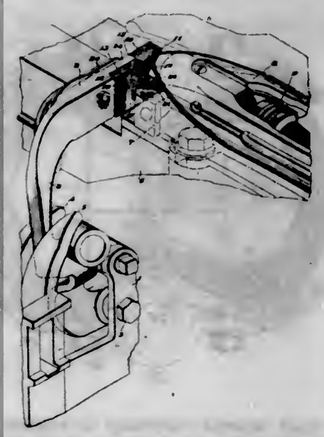
1. A cabinet piano player comprising a casing and a series of key-operating-levers slidably mounted to move bodily inward or outward with relation to the casing.

1,579,193. DISTRIBUTING TANK FOR OIL. FRED W. CHIPMAN, Framingham, Mass., assignor to International Engineering Works, Inc., Framingham, Mass., a Corporation of Massachusetts. Filed May 29, 1924. Serial No. 716,778. 7 Claims. (Cl. 126—343.5.)



1. Apparatus for thinning viscous liquid, comprising a tank for containing the liquid, combined with one or more oil combustion tubes open to atmosphere and extending horizontally within and along the bottom of the tank from an end thereof a combustion chamber within the tank, into which the combustion tubes deliver; and one or more flues extending back from the combustion chamber to the same said end of the tank, for discharging there the products of combustion; the said tubes being fast to the tank only at its said end, and the said chamber being supported on the bottom of the tank, movable to and fro thereon with the expansion and contraction of the tubes, and fast only to said tubes.

1,579,194. SHUTTLE FEELER FOR LOOMS. HARRY A. DAVIS, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Oct. 12, 1925. Serial No. 61,970. 8 Claims. (Cl. 139—231.)



1. A shuttle feeler having a tip of non-metallic material formed with jaws to embrace the body portion of an improperly boxed shuttle, and a metal cover protection plate secured to the shuttle feeler and overlying the side of the non-metallic tip next to the adjacent shuttle box to be engaged by the shuttle should it rebound.

1,579,195. FLUXED RESINOUS COMPOSITION AND PROCESS OF MAKING SAME. CARLETON ELLIS, Montclair, N. J., assignor to Ellis-Foster Company, a Corporation of New Jersey. Filed Dec. 17, 1924. Serial No. 756,559. 33 Claims. (Cl. 260—4.)

8. An overcured molding composition fluxed with hexamethylenetetramine.

33. In the art of molding resinous compositions containing resins of the type ordinarily hardened by the action of hexamethylenetetramine in the hot press the step which comprises incorporating hexamethylenetetramine in compositions which otherwise would harden too rapidly in the mold, for giving molded articles having a good finish, the amount of hexamethylenetetramine being sufficient to cause the subsequent setting during the molding operation to take place without excessively rapid hardening, to produce molded articles of good finish and to give sharp impressions.

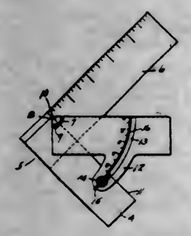
1,579,196. PROCESS FOR RIPENING CHEESE. EDWARD WILLIAM COON, Philadelphia, Pa. Filed Feb. 27, 1926. Serial No. 91,262. 2 Claims. (Cl. 99—11.)

2. A process for ripening cheese having an original moisture percentage of 36% to 40% and subjecting it to a temperature of 55° F., to 70° F., in combination with a humidity percentage of from 75% to 90%.

1,579,197. PROTRACTOR ATTACHMENT FOR SQUARES. JAMES WESLEY DUNHAM, Burnaby, British Columbia, Canada. Filed Apr. 29, 1925. Serial No. 26,780. 1 Claim. (Cl. 33—93.)

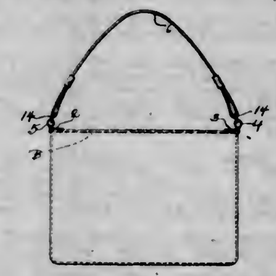
In combination with a try square, a protractor attachment therefor, comprising a rectangular plate having a flange turned perpendicularly along one edge, the said flange being longitudinally slotted at one end for engaging the blade of the square, while the flange itself

is adapted to engage that edge of the stock of the square from which the blade of the square extends; the said plate having a relatively short, arcuate slot cut in the said plate adjacent the slotted end of the said flange and concentric therewith; the said plate having an outwardly and backwardly directed arcuate finger pierced with a



relatively long arcuate slot formed concentrically with the said short arcuate slot, and having a calibrated scale cut along one edge thereof; a set screw passed through the short slot and anchored in the stock of the square; and a thumb screw locking element passed through the long slot and anchored in the said stock.

1,579,198. HAND-BAG CONSTRUCTION. ROBERT E. SOMMERS, New York, N. Y., assignor to Himmel & Isaacs, Inc., New York, N. Y., a Corporation of New York. Filed Sept. 30, 1925. Serial No. 59,745. 2 Claims. (Cl. 150—33.)



1. A hand bag having a cover member connected to the body thereof, and a bar having a main bar portion located at the underside of said cover member and having ends projecting beyond the ends of said cover member, said projecting ends being formed into outer upstanding eye portions and outer terminal portions extending between the ends of said cover member.

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Abbeville Cotton Mills, Abbeville, S. C. Cotton piece goods. 209,679; Mar. 2; Serial No. 213,543; published Dec. 8, 1925.

Acetylene Products Company of El Paso, Texas, El Paso, Tex. Acetylene, oxygen, carbide, and welding flux. 209,814; Mar. 2; Serial No. 222,652; published Dec. 15, 1925.

Acme Steel Company, Chicago, Ill. Nailless steel straps, shook tie fasteners, shingle bands, etc. 209,875; Mar. 2; Serial No. 220,385; published Dec. 8, 1925.

Advance Bag and Paper Company, Inc., Boston, Mass. Paper bags. 209,711–12; Mar. 2; Serial Nos. 222,541–2; published Dec. 15, 1925.

Advance Bag and Paper Company, Inc., Boston, Mass. Paper bags. 209,845–7; Mar. 2; Serial Nos. 222,542–5; published Dec. 15, 1925.

Advance Bag and Paper Company, Inc., Boston, Mass. Paper bags. 209,848–9; Mar. 2; Serial Nos. 222,569–3; published Dec. 15, 1925.

Aktieselskabet Lagerman, Junr., Copenhagen, Denmark. Pectoral and cough lozenges. 209,777; Mar. 2; Serial No. 211,770; published Dec. 8, 1925.

Albrecht-Richter Company, New York, N. Y. Peppermint drops. 209,887; Mar. 2; Serial No. 220,629; published Dec. 15, 1925.

American Chicle Company. (See Fleer, Frank, H., & Company.)

American Screw Company, Providence, R. I. Certain named metal goods. 53,739; renewed June 12, 1926.

American Stores Company, Philadelphia, Pa. Ammonia and bluing. 209,880; Mar. 2; Serial No. 220,819; published Dec. 15, 1925.

American Stoves Company, St. Louis, Mo. Stoves. 209,671; Mar. 2; Serial No. 214,905; published Dec. 8, 1925.

American Wringer Company, The, New York, N. Y., assignor to American Wringer Company, Inc., Woonsocket, R. I. Wringing machines. 53,448; renewed June 5, 1926.

American Wringer Company, The, New York, N. Y., assignor to American Wringer Company, Inc., Woonsocket, R. I. Clothes wringers and the parts comprising the same. 53,449; renewed June 5, 1926.

Amusement Publishing Co., Atlantic City, N. J. Monthly publication. 209,696; Mar. 2; Serial No. 215,289; published Oct. 27, 1925.

Anderson Box & Basket Co., Henderson, Ky. Boxes, baskets, and crates. 209,964; Mar. 2; Serial No. 220,880; published Dec. 8, 1925.

Anderson, Wm., Textile Mfg. Co. Inc., New York, N. Y. Cotton fabrics and cotton and silk fabrics. 209,928; Mar. 2; Serial No. 206,469; published Dec. 15, 1925.

Ansonia Clock Company, Ansonia, Conn., and New York, N. Y. Clocks. 49,494; renewed Feb. 6, 1926.

Arabelian, Harry, & Son, Turlock, Calif. Fresh deciduous fruits, peaches, and apricots, cantaloupes, and grapes. 209,698; Mar. 2; Serial No. 216,867; published Dec. 8, 1925.

Asbury Mills, The, New York, N. Y. Bathing suits for children, misses, and women; bathing shoes, caps, etc. 209,984; Mar. 2.

Ashley, Homer, doing business as Ashley and Company, Dallas, Tex. Hair tonic. 209,724; Mar. 2; Serial No. 221,158; published Dec. 1, 1925.

Aspir-Mint Gum Co. (See Minnick, Charles E.)

Atlantic Mills, The, Olneyville, R. I. Woolen dress goods in the piece. 209,897; Mar. 2; Serial No. 222,811; published Dec. 15, 1925.

Atlas Plywood Corporation, Boston, Mass. Plywood panels and dimension veneer. 209,884; Mar. 2; Serial No. 220,635; published Dec. 8, 1925.

Atlas Plywood Corporation, Boston, Mass. Plywood panels and dimension veneer. 209,885; Mar. 2; Serial No. 220,631; published Dec. 8, 1925.

Atlas Plywood Corporation, Boston, Mass. Packing and shipping cases, shooks, knockdown boxes, etc. 209,886; Mar. 2; Serial No. 220,630; published Dec. 15, 1925.

Atmos Products Corporation, New York, N. Y. Humidifying chemical compound. 209,744; Mar. 2; Serial No. 220,058; published Dec. 1, 1925.

Aurval Candy Company, Minneapolis, Minn. Candy bars. 206,709; Mar. 2; Serial No. 222,296; published Dec. 15, 1925.

Avedon & Lightman, New York, N. Y. Dresses, suits, and coats. 209,874; Mar. 2; Serial No. 220,968; published Dec. 8, 1925.

Bacon, B. H., Co., Rochester, N. Y., assignor to S. C. Wells & Co., Le Roy, N. Y. Remedy for the nerves. 49,462; renewed Feb. 6, 1926.

Bacon, B. H., Co., Rochester, N. Y., assignor to S. C. Wells & Co., Le Roy, N. Y. Remedy for the nerves. 51,011; renewed Apr. 2, 1926.

Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany. Motor fuel oils. 209,852; Mar. 2; Serial No. 215,962; published Nov. 3, 1925.

Baker Brush Co., Inc., New York, N. Y. Paint brushes. 209,770; Mar. 2; Serial No. 205,812; published Dec. 8, 1925.

Bastrup, Louis, and K. Scanlan, administrators of John B. Canepa, deceased, assignors to The John B. Canepa Company, Chicago, Ill. Macaroni, vermicelli, spaghetti, and noodles. 52,971; renewed May 22, 1926.

Beacon Manufacturing Company, New Bedford, Mass., and Providence, R. I. Cotton blankets. 209,961–2; Mar. 2.

Benner, William, Bridgeport, Conn. Bread, biscuits, cake, cookies, etc. 209,910; Mar. 2; Serial No. 184,538; published Dec. 8, 1925.

Big Stone Canning Co., Ortonville, Minn. Canned corn. 209,926; Mar. 2; Serial No. 219,873; published Dec. 15, 1925.

Birnie Paper Company, Springfield, Mass. Writing paper and mailing envelopes. 209,830; Mar. 2; Serial No. 219,370; published Dec. 8, 1925.

Bissell Varnish Company, The. (See Crockett, David B., Company.)

Blakeslee, Havilah A., assignor to The Skat Co., Hartford, Conn. Soap of pastelike consistency. 53,998; renewed June 9, 1926.

Blue Bird Inc., Perfumers, New York, N. Y. Nail white, eyelash grower, rouge, cuticle cream, etc. 209,933; Mar. 2; Serial No. 196,688; published Dec. 1, 1925.

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics in the piece. 209,813; Mar. 2; Serial No. 222,658; published Dec. 15, 1925.

Bonwit Teller & Co., New York, N. Y. Hosiery. 209,740; Mar. 2; Serial No. 222,216; published Dec. 8, 1925.

Boonville Mills Company, Boonville, Mo. Self-rising wheat flour. 209,690; Mar. 2; Serial No. 218,947; published Dec. 8, 1925.

Boromow, Robert R., Montreal, Quebec, Canada. Ladies' knitted dresses, suits, sweaters, and scarfs. 209,732; Mar. 2; Serial No. 216,771; published Dec. 8, 1925.

Boutwell Milling & Grain Co., The, Troy, N. Y. Rye flour. 48,668; renewed Jan. 9, 1926.

Bovril Limited, London, England. Extracts and essences of meat. 51,862; renewed Apr. 24, 1926.

Boyer, Mary J.; W. W. Boyer & Co., Inc., Baltimore, Md., successor. Canned fruits and vegetables. 49,629; renewed Feb. 13, 1926.

Boyshform Brassière Co., The, New York, N. Y. Girdles, corsets, corselets, bandeaux, and reducing garments. 209,674; Mar. 2; Serial No. 214,349; published Dec. 8, 1925.

Boseman Canning Co., Boseman, Mont. Canned peas. 209,826; Mar. 2; Serial No. 219,931; published Dec. 8, 1925.

Brake, Robert W., St. Louis, Mo. Embrocation or liniment. 209,812; Mar. 2; Serial No. 222,660; published Dec. 15, 1925.

Brecht Candy Company, The, Denver, Colo. Candy. 209,702; Mar. 2; Serial No. 222,004; published Dec. 15, 1925.

Brecht Candy Company, The, Denver, Colo. Candy. 209,703; Mar. 2; Serial No. 222,007; published Dec. 15, 1925.

Bromund, E. A., Co., New York, N. Y. Beeswax, spermaceti, and ceresin. 209,691; Mar. 2; Serial No. 218,799; published Dec. 1, 1925.

Brown Mfg. Co., Greeneville, Tenn.; Brown Mfg. Co., Le Roy, N. Y. Remedies for certain named diseases. 48,909–10; renewed Jan. 16, 1926.

Brubaker, A. C., Luray, Va. Ointment for eczema, tetter, and piles. 209,705; Mar. 2; Serial No. 222,162; published Dec. 1, 1925.

Bryant, C. L., Corporation, Cleveland, Ohio. Heating systems, boilers, etc. 209,799–801; Mar. 2; Serial Nos. 221,234–6; published Dec. 8, 1925.

Bryant, Frank M., Oakland, Calif. Hand paste for cleaning the hands, household cleaner. 209,980; Mar. 2.

Buck & Company, Philadelphia, Pa. Shoes, slippers, pumps, and sandals. 209,658; Mar. 2; Serial No. 221,477; published Dec. 8, 1925.

Bunte Brothers, Chicago, Ill. Candy. 209,872; Mar. 2; Serial No. 221,090; published Dec. 8, 1925.

Burrus-Rice-Bilderback, Dr., Winters, Tex. Preparation for the teeth and gums. 209,955; Mar. 2; Serial No. 220,999; published Dec. 1, 1925.

Butterfield, Fred, & Co., Inc., New York, N. Y. Cotton broadcloth. 209,987; Mar. 2; Serial No. 204,304; published Dec. 15, 1925.

Butterfield, Fred, & Co., Inc., New York, N. Y. Tissue Gingham. 209,989; Mar. 2; Serial No. 204,305; published Dec. 15, 1925.

Buttery, Lester L., doing business as Rid-O Dander Co., Cuero, Tex. Preparation for the treatment of dandruff. 209,719; Mar. 2; Serial No. 221,048; published Dec. 1, 1925.

Buttress Manufacturing Co., Los Angeles, Calif. Wall board and plaster lath. 209,688; Mar. 2; Serial No. 218,951; published Dec. 8, 1925.
Cable-Draper Baking Company, Detroit, Mich. Bread. 209,771; Mar. 2; Serial No. 208,636; published Dec. 8, 1925.
Canepa, John B., Company, The. (See Bastrup, L., and Scanlan, assignors.)
Canepa, John B., Chicago, Ill. Macaroni, spaghetti, and vermicelli. 52,980; renewed May 22, 1926.
Capewell Horse Nail Company, The, Hartford, Conn. Horse nails. 54,637; renewed June 26, 1926.
Carpenter Paper Company, Omaha, Nebr. Cardboard, writing paper, and paper stock. 209,966; Mar. 2; Serial No. 220,335; published Dec. 8, 1925.
Carson Pirie Scott & Co., Chicago, Ill. Golf clubs. 209,767; Mar. 2; Serial No. 201,884; published Dec. 8, 1925.
Cedar Sweep Co., San Francisco, Calif. Composition for cleaning pipes. 209,878; Mar. 2; Serial No. 220,887; published Dec. 15, 1925.
Celery Cracker Medicine Company, The. (See Gosselin, Adelard E.)
Champlain Luncheonette, assignor to T. Djahilis, Chicago, Ill. Candy. 209,977; Mar. 2.
Chase, Roberts & Co., Long Island City, N. Y. Paints, varnishes, and wood fillers. 209,911; Mar. 2; Serial No. 220,495; published Dec. 8, 1925.
Chemical Foundation, Incorporated, The. (See Graaff & Co. G. m. b. H., assignor.)
Chemical Foundation, Incorporated, The. (See Knoll & Co., assignor.)
Chicago Mail Order Company, Chicago, Ill. Face powder, vanishing and cold creams, rouge, bath salts, etc. 209,706; Mar. 2; Serial No. 222,163; published Dec. 1, 1925.
Chicago Mail Order Company, Chicago, Ill. Men's overcoats, suits, and pants; boys' suits, overcoats, blouses, etc. 209,730; Mar. 2; Serial No. 221,876; published Dec. 8, 1925.
Cochran, Eugene S., Washington, D. C. Pineapples, coffee, and fresh vegetables and fruits, etc. 209,931; Mar. 2; Serial No. 149,888; published Nov. 17, 1925.
Collins Company, The, Collinsville, Conn. Plows and parts therefor. 52,092; renewed May 1, 1926.
Colombo Commercial Company, Ltd., London, England, and Colombo, Ceylon. Tea. 209,828; Mar. 2; Serial No. 219,715; published Dec. 8, 1925.
Colonial Drug & Sales Co., Denver, Colo. Antifreezing compound for radiators. 209,989; Mar. 2.
Colonel Limited, London, England. Liquid paraffin for medicinal purposes for human use. 208,899; Mar. 2; Serial No. 204,088; published Dec. 1, 1925.
Combeasy Company. (See Nell, Thomas H.)
Conjurske, Frank J., doing business as Nullfe Company, Sturgeon Bay, Wis. Hair tonic. 209,932; Mar. 2; Serial No. 190,535; published Dec. 15, 1925.
Cook, Arch L., doing business as Great Northern Glove Company, Bluffton, Ind. Gloves. 209,921; Mar. 2; Serial No. 220,216; published Dec. 8, 1925.
Cosmos Products Rochester, Rochester, N. Y. Tonic embrocation for skin and scalp. 209,696; Mar. 2; Serial No. 218,293; published Dec. 15, 1925.
Crain, Charles E., doing business as S. & C. Laboratories, San Antonio, Tex. Medicine in capsule form for use in the treatment of obesity. 209,811; Mar. 2; Serial No. 222,666; published Dec. 8, 1925.
Crockett, David B., Company, The, doing business as The Bissell Varnish Company, Bridgeport, Conn. Varnish stains. 53,950; renewed June 19, 1926.
Crooks-Dittmar Co., The, Williamsport, Pa. Liquid cleaning wax, body wax, varnish, etc. 209,901; Mar. 2; Serial No. 203,300; published Dec. 8, 1925.
Crossett, Lewis A., Co., North Abington, Mass. Boots and shoes. 209,920; Mar. 2; Serial No. 220,217; published Dec. 8, 1925.
Crystaline Salt Company, Boston, Mass., assignor to Remington Salt Company, Ithaca, N. Y. Salt. 54,199; renewed June 19, 1926.
Culver, Leslie E., doing business as The Lesculene Co., Henderson, Ky. Pimple cream. 209,660; Mar. 2; Serial No. 221,306; published Dec. 15, 1925.
Cummings, Edwin J., assignor to E. J. Cummings, Inc., Philadelphia, Pa. Coal. 54,509; renewed June 26, 1926.
Dahl-Niles Products, Incorporated, The, Springfield, Ohio. Kites. 209,796; Mar. 2; Serial No. 221,538; published Dec. 8, 1925.
Davis, Emry, assignor to Emry Davis, Inc., New York, N. Y. Inkstands. 48,618; renewed Jan. 9, 1926.
Davis, Emry, assignor to Emry Davis, Inc., New York, N. Y. Inkstands. 48,632–3; renewed Jan. 9, 1926.
Davis, King C., Douglas, Ga. Remedy for purifying blood, pills, liniment, salves, etc. 209,907; Mar. 2; Serial No. 186,048; published Dec. 1, 1925.
Dempster, Samuel, Philadelphia and Allegheny, Pa.; C. F. Simmons Medicine Co. Incorporated, St. Louis, Mo., successor. Liniment. 46,701; renewed Oct. 3, 1925.
Dent Woolen Co., Inc., The, Coscob, Conn. Woolen fabrics. 209,829; Mar. 2; Serial No. 219,578; published Dec. 8, 1925.
Detroit Celery and Produce Company. (See Perlmon, Sol.)
De Witt, Wilbur M., doing business as Starrow Chemical Co., Utica, N. Y. Oxidizing liquid for sterilizing, disinfecting, deodorizing, and whitening. 209,778; Mar. 2; Serial No. 213,163; published Dec. 8, 1925.
Diamond 'O' Orchards. (See Gleie, Ratie E.)
Direct Mattress Company. (See Pool, William W.)
Disston, Henry, & Sons, Incorporated, Tacony, Philadelphia, Pa. Saws. 54,244; renewed June 26, 1926.
Dixie Pecan Growers Exchange, Inc., Barnesville, Ga. Pecans. 209,664; Mar. 2; Serial No. 221,097; published Dec. 15, 1925.
Dixie Underwear Co., Inc., Montgomery, Ala. Underwear, hosiery, sweaters, etc. 209,663; Mar. 2; Serial No. 221,100; published Dec. 8, 1925.
Djahilis, Tom. (See Champlain Luncheonette, assignor.)
Doerr Manufacturing Company, Grand Rapids, Mich. Container for smokers' articles. 209,934; Mar. 2; Serial No. 199,610; published Dec. 15, 1925.
Doherty Research Company, Bartlesville, Okla., and New York, N. Y. Gas and oil burners and combustion-regulating equipment. 209,677; Mar. 2; Serial No. 214,064; published Dec. 8, 1925.
Donahue, Edw. J., Chicago, Ill. Ladies' shoes. 209,902; Mar. 2; Serial No. 201,229; published Dec. 8, 1925.
Doob, M., Sons & Company, New York, N. Y. Handkerchiefs, cotton and silk-cotton piece goods, and lace piece goods. 209,774; Mar. 2; Serial No. 210,717; published Dec. 8, 1925.
Dougal Bros., London, England. Matches. 209,790; Mar. 2; Serial No. 222,166; published Dec. 8, 1925.
D'Ruvyl. (See La Fleur Laboratories.)
Drysorb Company, The. (See Russell, Sidney S.)
Eagle Pencil Company, New York, N. Y. Pencils and penholders. 209,903; Mar. 2; Serial No. 200,753; published Sept. 30, 1924.
Edgett-Burnham Company. (See Wayne County Preserving Co., assignor.)
Edmiston, John R., Wildwood, N. J. Candy. 209,793; Mar. 2; Serial No. 222,064; published Dec. 8, 1925.
Egerton Brothers, Baltimore, Md. Wheat flour. 209,742; Mar. 2; Serial No. 222,169; published Dec. 8, 1925.
Egyptian Lacquer Manufacturing Company, The, New York, N. Y. Lacquer. 209,734; Mar. 2; Serial No. 215,902; published Dec. 8, 1925.
Elber Laboratories. (See Lyndall, Frank S.)
Elysee Olive Oil Co., Inc., New York, N. Y. Olives and cherries in dried, canned, and preserved condition. 209,978; Mar. 2.
Embalmers' Supply Company, The, Westport, Conn. Embalming fluid. 209,695; Mar. 2; Serial No. 218,297; published Dec. 15, 1925.
Enjoystep Products, The. (See Zacharia, Sylvan.)
Eno, J. C., Limited, assignor to J. C. Eno Ltd., London, England. Dry preparation for making a nonintoxicating beverage. 51,934; renewed Apr. 24, 1926.
Erlanger, N., Blumgart & Co., Inc., New York, N. Y. Linen and cotton tape. 209,987; Mar. 2.
Faber, Eberhard, New York, N. Y., assignor to Eberhard Faber Pencil Company, Brooklyn, N. Y. Pencils. 54,354; renewed June 26, 1926.
Fabl, J. J., Chicago, Ill. Medicinal preparation for distemper in dogs. 209,959; Mar. 2; Serial No. 220,601; published Dec. 1, 1925.
Fair, The, Chicago, Ill. Sanitary belts, apron, bloomers, etc. 209,909; Mar. 2; Serial No. 176,018; published Dec. 8, 1925.
Farr Produce Company, The, Greeley, Colo. Potatoes, beans, onions, and cabbages. 209,672; Mar. 2; Serial No. 214,652; published Dec. 15, 1925.
First National Laboratories, Incorporated, Lehighton, Pa. Cold cream, blood and nerve tonic, pills for cold and grippe, etc. 209,870; Mar. 2; Serial No. 220,117; published Dec. 1, 1925.
Flam Company, The. (See Graber, Boris M.)
Flapper Novelty Company, Chicago, Ill. Face cream, face powder, and rouge. 209,764; Mar. 2; Serial No. 189,712; published Dec. 8, 1925.
Fleer, Frank H., & Company, Philadelphia, Pa.; American Chicle Company, Long Island City, N. Y., successors. Cigars. 45,225; renewed Aug. 8, 1925.
Floor Shine Paint & Varnish Company, St. Louis, Mo. Paint, paint enamels, varnish, shellac, etc. 209,665; Mar. 2; Serial No. 215,296; published Dec. 8, 1925.
Floral City Heater Company, The. (See Monroe Foundry & Furnace Co.)
Florman, Irving, New York, N. Y. Wrapping for vehicle springs. 209,893; Mar. 2; Serial No. 218,435; published Dec. 1, 1925.
Foster-McClellan Company, Buffalo, N. Y. Cathartic pills and tablets. 53,073–4; renewed May 22, 1926.
Foster-McClellan Company, Buffalo, N. Y. Ointments. 53,075; renewed May 22, 1926.
Frank, A. B., Company, San Antonio, Tex. Riding pants or riding trousers. 209,747; Mar. 2; Serial No. 222,022; published Dec. 8, 1925.
Fresno Chemical Co., Fresno, Calif. Cleaning preparation. 209,834; Mar. 2; Serial No. 218,546; published Dec. 8, 1925.
Fromm, Frank H., doing business as F. H. Fromm & Co., Philadelphia, Pa. Matches. 209,806; Mar. 2; Serial No. 222,836; published Dec. 15, 1925.
Fruit Products Co. (See Hickey, Dr. Charles M.)
Gaffney & Cord, Philadelphia, Pa. Insect destroyer. 209,967; Mar. 2; Serial No. 220,226; published Dec. 1, 1925.

Gamble, B. E., Company, Boiling Springs, Pa. Milkbase preparation in powdered form for making a food drink. 209,936; Mar. 2; Serial No. 204,230; published Dec. 15, 1925.
Gelberg & Schwartz, New York, N. Y. Fur coats. 209,882; Mar. 2; Serial No. 220,771; published Dec. 8, 1925.
Gendron Wheel Co.; The Gendron Wheel Co., Toledo, Ohio. Certain named vehicles. 54,103; renewed June 19, 1926.
Gibbs Preserving Company of Baltimore City, assignor to Gibbs & Company, Incorporated, Baltimore, Md. Canned fruits and vegetables. 50,442; renewed Mar. 20, 1926.
Gibbs Preserving Company of Baltimore City, assignor to Gibbs & Company, Incorporated, Baltimore, Md. Canned oysters. 52,202; renewed May 1, 1926.
Gibbs Preserving Company of Baltimore City, assignor to Gibbs & Company, Incorporated, Baltimore, Md. Canned oysters. 54,167; renewed June 19, 1926.
Ginsberg, Isaac, & Bros., Inc., New York, N. Y. Dresses. 209,743; Mar. 2; Serial No. 222,113; published Dec. 8, 1925.
Gleie, Ratie E., doing business as Diamond 'O' Orchards, Sacramento, Calif. Fresh pears. 209,857; Mar. 2; Serial No. 217,089; published Dec. 15, 1925.
Golding Fabrics Corporation, New York, N. Y. Silk piece goods. 209,810; Mar. 2; Serial No. 222,672; published Dec. 15, 1925.
Goodman, Kennard E., Wilmington, Ohio. Preparation for the treatment of the cigarette habit. 209,720; Mar. 2; Serial No. 221,054; published Dec. 1, 1925.
Goodson, J. F., & Co. Inc., also doing business as J. F. G. Coffee Company, Morristown, Tenn. Coffee. 209,896; Mar. 2; Serial No. 208,048; published Dec. 15, 1925.
Gordon Bros., Cambridge, Mass. Children's dresses, creepers, rompers, and play suits. 209,652; Mar. 2; Serial No. 221,743; published Dec. 8, 1925.
Gosselin, Adelard E., doing business as The Celery Cracker Medicine Company, Manchester, N. H. Preparation for the relief of headache. 209,809; Mar. 2; Serial No. 222,674; published Dec. 15, 1925.
Gould, Charles W., Los Angeles, Calif. Composition for stopping leaks in radiators, steam and hot-water heating systems, etc. 209,726; Mar. 2; Serial No. 221,417; published Dec. 8, 1925.
Gowell, Cora M., Auburn, Me. Candies and chocolates. 209,839; Mar. 2; Serial No. 217,509; published Dec. 8, 1925.
Graber, Boris M., doing business as The Flam Company, Chicago, Ill. Medicine for coughs, colds, etc. 209,731; Mar. 2; Serial No. 221,893; published Dec. 1, 1925.
Graaff & Co., G. m. b. H., Berlin- Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Chemical fire extinguishers. 51,645; renewed Apr. 17, 1926.
Graham Paper Company, St. Louis, Mo. Printing and writing paper. 209,772; Mar. 2; Serial No. 209,649; published Dec. 8, 1925.
Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Vacuum bottles. 209,798; Mar. 2; Serial No. 221,485; published Dec. 8, 1925.
Grayona Needlecraft Corporation, New York, N. Y. Art needlework and novelties. 209,765; Mar. 2; Serial No. 198,570; published Nov. 3, 1925.
Green Manufacturing Co., San Francisco, Calif. Reducing cream. 209,865; Mar. 2; Serial No. 218,634; published Dec. 1, 1925.
Grendel Mills, Greenwood, S. C. Sheetings and drillings. 209,822; Mar. 2; Serial No. 222,506; published Dec. 15, 1925.
Groff, Joseph C., Allentown, Pa. Charts. 209,930; Mar. 2; Serial No. 219,666; published Dec. 8, 1925
Hackney, George W., Donna, Tex. Grapefruit, oranges, tangerines, etc. 209,975; Mar. 2.
Hain, Frank W. A., doing business as Reo Chemical Co., Newark, N. J. Cough medicines. 209,693; Mar. 2; Serial No. 218,699; published Dec. 1, 1925.
Haley, C. J. & Co., Inc., New York, N. Y. Narrow elastic web. 209,986; Mar. 2.
Hamblet, James W., Inc., New York, N. Y. Coffee. 209,953; Mar. 2; Serial No. 220,949; published Dec. 8, 1925.
Hamilton, M. B., & Co., Leavenworth, Kans. Work gloves, mittens, and gauntlets. 209,645–50; Mar. 2; Serial Nos. 221,818–23; published Dec. 8, 1925.
Hamilton, M. B., & Co., Leavenworth, Kans. Work gloves, mittens, and gauntlets. 209,753–4; Mar. 2; Serial Nos. 221,828–9; published Dec. 8, 1925.
Hamilton, M. B., & Co., Leavenworth, Kans. Work gloves, mittens, and gauntlets. 209,755–6; Mar. 2; Serial Nos. 221,825–6; published Dec. 8, 1925.
Hancock, Martha E., doing business as The Martha Hancock Co., Springfield, Mass. Complexion cream. 209,657; Mar. 2; Serial No. 221,486; published Dec. 1, 1925.
Havana Commercial Company, New York; Havana Commercial Company, New York, N. Y., and Jersey City, N. J. Havana cigars. 54,496; renewed June 26, 1926.
Hedlund and Company, Seattle, Wash. Canned roast beef and gravy, boiled beef and gravy, sandwich spread, etc. 209,913; Mar. 2; Serial No. 220,455; published Dec. 15, 1925.
Heilkraft Medical Company, Boston, Mass. Astringents and antiseptics. 209,892; Mar. 2; Serial No. 222,983; published Dec. 15, 1925.
Heise Brothers, Orleans, Ind. Horse and dairy feed, stock feed, poultry feed, and pearl meal. 209,773; Mar. 2; Serial No. 210,454; published Dec. 8, 1925.
Held, Roy J., Freeport, Ill. Mineral compounds for water softeners. 209,675; Mar. 2; Serial No. 214,320; published Dec. 15, 1925.
Herbert & Herbert, Inc., Perth Amboy, N. J. Insecticides and fungicides. 209,769; Mar. 2; Serial No. 202,452; published Dec. 8, 1925.
Hershey, Milton S., Derry Church, Pa., assignor to Hershey Chocolate Company, Hershey, Pa. Chocolate, cocoa, and preparations thereof. 54,041; renewed June 19, 1926.
Hershey, Milton S., Derry Church, Pa., assignor to Hershey Chocolate Company, Hershey, Pa. Chocolate, cocoa, and preparations. 54,497; renewed June 26, 1926.
Hewitt, Charles, & Sons Co., Des Moines, Iowa. Canned vegetables and fruits, fruit jams, etc. 209,916; Mar. 2; Serial No. 220,407; published Dec. 8, 1925.
Hickey, Dr. Charles M., doing business as Fruit Products Co., Tulsa, Okla., assignor to The Laxa-Raisin Company, Cincinnati, Ohio. Dried raisins. 209,785; Mar. 2; Serial No. 215,630; published Dec. 8, 1925.
Hi-Go Tread Company. (See Warner, Reuben, 2.)
Hillerich & Bradsby Co., Louisville, Ky. Baseball bats. 209,794; Mar. 2; Serial No. 221,966; published Dec. 8, 1925.
Hinck, Otto H., New York, N. Y. Unbleached cotton sheetings, bleached fabrics, and yarn-dyed fabrics made wholly of cotton. 209,700; Mar. 2; Serial No. 221,899; published Dec. 15, 1925.
Hirsch, Herbert S., Brooklyn, N. Y. Devices adapted to be sewed on the inside of trouser waistbands to engage with a shirt. 209,888; Mar. 2; Serial No. 217,514; published Nov. 17, 1925.
Holeproof Hosiery Company, Milwaukee, Wis. Hosiery. 209,971; Mar. 2; Serial No. 222,323; published Dec. 15, 1925.
Hollenbeck, James W., Clarksburg, Calif. Fresh asparagus. 209,707; Mar. 2; Serial No. 222,243; published Dec. 8, 1925.
Holzknecht, Charles A., Green Bay, Wis. Doorplates. 209,897; Mar. 2; Serial No. 207,679; published Dec. 8, 1925.
Houbigant, Inc., New York, N. Y. Rouges. 209,949; Mar. 2; Serial No. 214,796; published Dec. 1, 1925.
House of Tre-Jur, Inc., New York, N. Y. Perfume. 209,823; Mar. 2; Serial No. 222,381; published Dec. 15, 1925.
Howard, Herman W., doing business as H. W. Howard Co., Washington, D. C. Metal polish. 209,968; Mar. 2; Serial No. 220,191; published Dec. 8, 1925.
Hubbard Milling Company, Mankato, Minn. Flours, corn meal, and cereal breakfast foods. 209,908; Mar. 2; Serial No. 208,819; published Dec. 8, 1925.
Hudson & Co. Inc., New York, N. Y. Preparations for the treatment of the head and hair. 53,082; renewed May 22, 1926.
Imperial Furniture Company, Grand Rapids, Mich. Wooden tables. 209,906; Mar. 2; Serial No. 192,917; published Dec. 8, 1925.
Import Paper Company, Chicago, Ill. Bond paper. 209,962; Mar. 2; Serial No. 220,537; published Dec. 8, 1925.
International Harvester Company, Chicago, Ill. Motor vehicles and attachments and parts thereof. 209,775–6; Mar. 2; Serial Nos. 211,436–9; published Dec. 8, 1925.
Interstate Dry Goods Syndicate, The, Huntington, W. Va. Hosiery. 209,721; Mar. 2; Serial No. 221,067; published Dec. 8, 1925.
Irwindale Citrus Association, Irwindale, Calif. Oranges, lemons, and grapefruit. 209,837; Mar. 2; Serial No. 217,561; published Dec. 8, 1925.
J. F. G. Coffee Company. (See Goodson, J. F., & Co.)
Jack Beverages, Inc., New York, N. Y. Beverages sold as soft drinks and sirups for making the same. 209,789; Mar. 2; Serial No. 222,181; published Dec. 8, 1925.
Jackson Company, assignor to Nashua Manufg. Company, Nashua, N. H. Cotton piece goods. 49,437; renewed Feb. 6, 1926.
Jof & Gee Chemical Co. (See Levin, Meyer.)
Jones Metal Products Company, The, West Lafayette, Ohio. Baking set. 209,918; Mar. 2; Serial No. 220,344; published Dec. 8, 1925.
Kalamazoo Stove Co., Kalamazoo, Mich. Ranges, cooking stoves, and heating stoves. 51,297; renewed Apr. 10, 1926.
Kali Manufacturing Co., Philadelphia, Pa. Oils, compound of oils, and vegetable and mineral oils. 209,687; Mar. 2; Serial No. 219,074; published Dec. 1, 1925.
Kase-Quinby Rubber Co., Inc., New York, N. Y. Rubber toilet kits and traveling cases. 209,863; Mar. 2; Serial No. 218,417; published Dec. 8, 1925.
Kaufman Department Stores, Inc., Pittsburgh, Pa. Coats, suits, gowns, skirts, waists, and sweaters. 209,741; Mar. 2; Serial No. 221,183; published Dec. 8, 1925.
Keene, R. D., & Co., Eustis, Fla. Florida citrous fruit. 209,704; Mar. 2; Serial No. 222,124; published Dec. 8, 1925.

Kell, Julius M., Western Springs, Ill. Crystalline soluble chemical. 49,206; renewed Jan. 30, 1926.
Kimball, W. W., Company, Chicago, Ill. Pianos. 54,564; renewed June 26, 1926.
Kingdom of Italy, Rome, Italy. Cigarettes, smoking and chewing tobacco, and snuff. 209,729; Mar. 2; Serial No. 221,836; published Dec. 15, 1925.
Kingdom of Italy, Rome, Italy. Snuff. 209,795; Mar. 2; Serial No. 221,838; published Dec. 8, 1925.
Klean-Rite Auto Laundry Company, Chicago, Ill. Automobile washing apparatus. 209,905; Mar. 2; Serial No. 193,186; published Dec. 15, 1925.
Kling Bros. & Co., Inc., Chicago, Ill. Coats, vests, pants, overcoats, etc. 209,746; Mar. 2; Serial No. 222,034; published Dec. 8, 1925.
Knoll & Co., Ludwigshafen-on-the-Rhine, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Medical compound to be used as an astringent. 51,898; renewed Apr. 24, 1926.
Knoll & Co., Ludwigshafen-on-the-Rhine, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Medical compound to be used as a hemostatic. 51,899; renewed Apr. 24, 1926.
Krupp, Haymon, & Co., El Paso, Tex. Hosiery. 209,697; Mar. 2; Serial No. 217,027; published Dec. 8, 1925.
Lady Lane Mfg. Co. (See Silberman, Jacob.)
La Fleur Laboratories, doing business as D'Ruvyl, Cleveland, Ohio. Face powders and creams, toilet waters, hair oils, etc. 209,979; Mar. 2.
Langlois. (See United Drug Company.)
Largman, Gray, Company, Philadelphia, Pa. Hosiery for women. 209,925; Mar. 2; Serial No. 219,968; published Dec. 8, 1925.
Lawson, George W., Sistersville, W. Va. Medicine for use in the treatment of rheumatism and neuritis. 209,943; Mar. 2; Serial No. 208,301; published Sept. 22, 1925.
Laxa-Raisin Company. (See Hickey, Dr. Charles M., assignor.)
Leggett, Francis H., & Company, New York, N. Y. Salt. 49,519; renewed Feb. 8, 1926.
Lennon, Peter G., doing business as Peter G. Lennon & Co., Joliet, Ill. Canned fruits, vegetables, fish, coffee, tea, chili sauce, spices, etc. 209,715; Mar. 2; Serial No. 220,310; published Dec. 15, 1925.
Levin, Meyer, doing business as Jof and Gee Chemical Co., Newark, Ohio. Cleanser in powder form. 209,684; Mar. 2; Serial No. 219,398; published Dec. 8, 1925.
Levy, Bertram, New York, N. Y. Silk, wool, and cotton hosiery and knitted underwear. 209,685; Mar. 2; Serial No. 219,340; published Dec. 8, 1925.
Lightning Manufacturing Company, Joplin, Mo. Puncture seal. 209,766; Mar. 2; Serial No. 200,397; published Apr. 7, 1925.
Lilly, Eli, & Company, Indianapolis, Ind. Medicine or pharmaceutical preparation. 209,783–6; Mar. 2; Serial Nos. 222,689–92; published Dec. 8, 1925.
Loewith, Julius, assignor to Julius Loewith Inc., New York, N. Y. Seeds. 209,761; Mar. 2; Serial No. 181,408; published Dec. 8, 1925.
Lo Grasso, Peter, Buffalo, N. Y. Corn salve. 209,855; Mar. 2; Serial No. 216,661; published Sept. 22, 1925.
Longo Instantaneous Hair Dye, Inc., New York, N. Y. Hair dye. 209,944; Mar. 2; Serial No. 208,991; published Dec. 8, 1925.
Louderbough, Harry, assignor to New Jersey Paint Works, Harry Louderbough, Inc., Jersey City, N. J. Marine paint. 51,423; renewed Apr. 17, 1926.
Louisiana Moss Products Co. Inc., Patterson, La. Cured ginned Spanish moss. 209,961; Mar. 2; Serial No. 220,549; published Dec. 8, 1925.
Lubin, Inc., Wilmington, Del., and New York, N. Y. Perfume, toilet water, face powder, bath salts, etc. 209,782; Mar. 2; Serial No. 222,751; published Dec. 8, 1925.
Lufkin Rule Co., The, Saginaw, Mich. Measuring tapes. 54,338; renewed June 26, 1926.
Luxhaven Club Laboratory. (See Remick, George E.)
Lyndall, Frank S., doing business as Elbar Laboratories, Chicago, Ill. Disinfectants. 209,708; Mar. 2; Serial No. 222,264; published Dec. 1, 1925.
Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Guitars and mandolins. 49,385; renewed Feb. 6, 1926.
Mack-Mark Co., Brooklyn, N. Y. Table board game. 209,965; Mar. 2; Serial No. 220,349; published Dec. 8, 1925.
Magic Bleach Manufacturing Co., Evansville, Ind. Skin-bleaching cream. 209,864; Mar. 2; Serial No. 218,496; published Dec. 8, 1925.
Malleable Iron Fittings Company, Branford, Conn. Metal pipe fittings. 51,529; renewed Apr. 17, 1926.
Manitou Mineral Springs Company, The, assignor to Manitou Mineral Water Company, Manitou, Colo. Ginger champagne. 53,664; renewed June 12, 1926.
Martin County Co-Op. Oil Company, Triumph, Minn. Gasoline, lubricating oils, and greases. 209,862; Mar. 2; Serial No. 217,938; published Dec. 1, 1925.
Mayanlake Candy Co., Chicago, Ill. Candy. 209,757; Mar. 2; Serial No. 222,859; published Dec. 15, 1925.
Mayer, F., Boot & Shoe Co., Milwaukee, Wis. Leather shoes. 53,309; renewed May 29, 1926.
Mayer, F., Boot & Shoe Co., Milwaukee, Wis. Leather shoes. 54,306; renewed June 26, 1926.
McAtee-Newell Coffee Company, Inc., The, Bloomington, Ill. Coffee. 209,876–7; Mar. 2; Serial Nos. 220,965–6; published Dec. 15, 1925.
McDonald, J. G., Chocolate Company, Salt Lake City, Utah. Candy. 209,699; Mar. 2; Serial No. 216,790; published Dec. 15, 1925.
McNally, Mrs. J., Waco, Tex. Hairdressing. 209,669; Mar. 2; Serial No. 215,081; published Dec. 1, 1925.
Meitlein, Harry, doing business as New York Hat & Cap Co., Pittsburgh, Pa. Hats and caps for men. 208,895; Mar. 2; Serial No. 210,915; published Dec. 8, 1925.
Menasha Printing and Carton Company, Menasha, Wis. Paper containers and cartons for ice cream, etc. 209,678; Mar. 2; Serial No. 213,986; published Dec. 15, 1925.
Merrill Candy Company, Merrill, Wis. Candy. 209,791; Mar. 2; Serial No. 222,131; published Dec. 8, 1925.
Michigan Drug Co., The, Detroit, Mich. Herbs for liver and kidney complaints. 209,750; Mar. 2; Serial No. 221,909; published Dec. 15, 1925.
Michigan Drug Co., The, Detroit, Mich. Petroleum jelly and compounds of petroleum jelly, etc. 209,751; Mar. 2; Serial No. 221,908; published Dec. 8, 1925.
Michigan Drug Co., The, Detroit, Mich. Compound of sarsaparilla and tonic capsules for rheumatism, scrofula, etc. 209,752; Mar. 2; Serial No. 221,907; published Dec. 15, 1925.
Mic-Lis Manufacturing Co., The, Toledo, Ohio. Toothbrushes. 209,722; Mar. 2; Serial No. 221,132; published Dec. 15, 1925.
Mijnhardt, Andries, Utrechtscheweg, Zeist, Netherlands. Preparation for the treatment of freckles and the like. 209,941; Mar. 2; Serial No. 208,062; published Dec. 1, 1925.
Mijnhardt, Andries, Utrechtscheweg, Zeist, Netherlands. Medicines for the treatment of toothache, facial neuralgia, grippe, gout, etc. 209,942; Mar. 2; Serial No. 208,063; published Dec. 1, 1925.
Mikado Hosiery Co., South Bend, Ind. Hosiery. 209,662; Mar. 2; Serial No. 221,133; published Dec. 8, 1925.
Miller-Closman Company, Philadelphia, Pa. Limousine tray and coat cases, traveling bags, etc. 209,858; Mar. 2; Serial No. 217,172; published Dec. 8, 1925.
Minium & Pollok, Tipton, Calif. Table grapes. 209,689; Mar. 2; Serial No. 219,438; published Dec. 8, 1925.
Minnick, Charles E., doing business as Aspir-Mint Gum Co., Dallas, Tex. Medicated gum. 209,894; Mar. 2; Serial No. 213,252; published Dec. 15, 1925.
Minute Chemical Co., Chicago, Ill. Soap and cleaners. 209,960; Mar. 2; Serial No. 220,558; published Dec. 8, 1925.
Monarch Chemical Company, New York, N. Y. Cereal yeast food. 209,952; Mar. 2; Serial No. 221,022; published Dec. 8, 1925.
Monroe Foundry & Furnace Co.; The Floral City Heater Company, Monroe, Mich., successor. Heating furnaces and boilers. 52,667; renewed May 15, 1926.
Moon, George Q., & Company, Inc., Binghamton, N. Y. Wheat flour. 209,832; Mar. 2; Serial No. 218,862; published Dec. 8, 1925.
Morton, Erni M., doing business as Morton's Drug Co., Centertown, Ky. Laxative. 209,868; Mar. 2; Serial No. 219,440; published Dec. 1, 1925.
Mouser, W. H., & Co., Orlando, Fla. Oranges, grapefruit, and tangerines. 209,808; Mar. 2; Serial No. 222,754; published Dec. 15, 1925.
Muhs, Henry, Company, The, Passaic, N. J. Ham and bacon. 209,805; Mar. 2; Serial No. 222,842; published Dec. 15, 1925.
Mülhens & Kropff, assignor to Mülhens & Kropff Inc., New York, N. Y. Toilet soaps. 50,685; renewed Mar. 27, 1926.
Mülhens & Kropff, assignor to Mülhens & Kropff Inc., New York, N. Y. Glycerin soap. 51,386; renewed Apr. 17, 1926.
Mullins, J. C., & Co., Los Angeles, Calif. Canned fish. 209,792; Mar. 2; Serial No. 222,084; published Dec. 8, 1925.
Murphy, G. W. J., Company, Amesbury, Mass. Pipe buttons. 209,760; Mar. 2; Serial No. 222,935; published Dec. 15, 1925.
Nashua Manufg. Company. (See Jackson Company, assignor.)
Nathan, M., and Brother, Incorporated, Johnstown, Pa. Hosiery and underwear. 209,804; Mar. 2; Serial No. 221,198; published Dec. 1, 1925.
National Sanitary Products Co., St. Louis, Mo. Disinfectants, insecticides, chemical compound for cleansing, sterilizing, and deodorizing closet bowls, and drainpipe solvents. 209,891; Mar. 2; Serial No. 220,562; published Dec. 15, 1925.
Native Son Orchards Company, Lindsay, Calif. Fresh citrous fruit. 209,788; Mar. 2; Serial No. 222,272; published Dec. 8, 1925.
Nell, Thomas H., doing business as Combessy Company, Long Beach, Calif. Hair dressing. 209,797; Mar. 2; Serial No. 221,498; published Dec. 8, 1925.
Newater Company, The. (See Randall, George G.)
New England Dressed Meat & Wool Company, Portland, Me., and Boston, Mass. Sausages, hams, bacon, and dressed lamb. 209,956; Mar. 2; Serial No. 220,791; published Dec. 8, 1925.

New Era Optical Co., Chicago, Ill. Ophthalmic frames. 209,890; Mar. 2; Serial No. 220,563; published Dec. 8, 1925.
New Jersey Paint Works, Harry Louderbough, Inc. (See Louderbough, Harry, assignor.)
New Mix Products, Inc., New York, N. Y. Toilet lotions, face powder, rouge, sachets, etc. 209,825; Mar. 2; Serial No. 219,382; published Dec. 8, 1925.
New-York Hamburger Gummi-Waaren Compagnie, Hamburg, Germany. Combs, hairpins, hair buckles, and hair clasps. 209,948; Mar. 2; Serial No. 214,433; published Nov. 17, 1925.
New York Hat & Cap Co. (See Meitlein, Harry.)
New York Herald Company, The, assignor to New York Tribune Inc., New York, N. Y. Comic section of newspapers. 49,499; renewed Feb. 6, 1926.
New York Insulated Wire Company, New York, N. Y. Insulating wire and insulating tapes. 53,666; renewed June 12, 1926.
Noonan, George W., San Bernardino, Calif. Dandruff remedy. 209,656; Mar. 2; Serial No. 221,634; published Dec. 8, 1925.
Northern Pacific Railway Company, St. Paul, Minn. Booklets, circulars, and pamphlets. 209,924; Mar. 2; Serial No. 219,986; published Nov. 17, 1925.
Nulife Company. (See Conjurske, Frank J.)
Odoneal, Thomas H., Beverly, Mass. Cough medicine. 209,816; Mar. 2; Serial No. 222,628; published Dec. 15, 1925.
Ohmer Fare Register Co.; Ohmer Fare Register Company, Dayton, Ohio. Ticket-issuing and recording machines. 50,823; renewed Apr. 3, 1926.
Ormont Drug & Chemical Co., Inc., Long Island City, N. Y. Russian mineral oil for medicinal use. 209,725; Mar. 2; Serial No. 221,200; published Dec. 1, 1925.
Pacific Coast Mineral Co. (See Rivers, John P.)
Pacific Wire Rope Co., Los Angeles, Calif. Wire rope (cable) and guy strand. 209,840; Mar. 2; Serial No. 217,111; published Dec. 8, 1925.
Palste, H. T., Co., Philadelphia, Pa. Current-distributing cut-out boards. 53,220; renewed May 29, 1926.
Pancion Underwear Company, Inc., Attleboro, Mass. Underwear. 209,686–3; Mar. 2; Serial Nos. 219,640–3; published Dec. 8, 1925.
Pancion Underwear Company, Inc., Attleboro, Mass. Underwear. 209,888–9; Mar. 2; Serial Nos. 220,614–15; published Dec. 8, 1925.
Paragon Plaster Company, The, Syracuse, N. Y. Plasters and plaster compounds. 54,477; renewed June 26, 1926.
Parfumerie St. Denis, New York, N. Y. Face powders, creams, and packs, toilet water, rouges, etc. 209,781; Mar. 2; Serial No. 222,760; published Dec. 8, 1925.
Park & Tilford, New York, N. Y. Chocolate and candy. 209,821; Mar. 2; Serial No. 222,572; published Dec. 15, 1925.
Patterson Sargent Company, The; The Patterson-Sargent Company, Cleveland, Ohio. Mixed paints. 54,521; renewed June 26, 1926.
Pauly, Julius, Inc., New York, N. Y. Marcel irons, rubber combs, wire hairpins, transformations, and wigs. 209,835; Mar. 2; Serial No. 217,833; published Dec. 8, 1925.
Payson & Clarke, Ltd., New York, N. Y. Publication. 209,673; Mar. 2; Serial No. 214,439; published Sept. 15, 1925.
Pearson, Joseph W., Los Angeles, Calif. Auto top ready-mixed rubber lacquer. 209,900; Mar. 2; Serial No. 203,834; published Dec. 8, 1925.
Peckham-Foreman, Inc., New York, N. Y. Sweaters, golf hose, bathing suits, mufflers, etc. 209,676; Mar. 2; Serial No. 214,093; published Dec. 8, 1925.
Percolator Heating Company, Indianapolis, Ind. Oil heating devices. 209,951; Mar. 2; Serial No. 221,153; published Dec. 8, 1925.
Perkins Dry Goods Company, Dallas, Tex. Scarfs, chokers, aprons, rompers, cloaks, shirts, waists, etc. 209,928; Mar. 2; Serial No. 219,761; published Dec. 8, 1925.
Perlmon, Sol, doing business as Detroit Celery and Produce Company, Detroit, Mich. Fresh vegetables. 209,898; Mar. 2; Serial No. 205,354; published Dec. 15, 1925.
Perlora Manufacturing Company, Springfield, Mass. Tooth powder. 209,820; Mar. 2; Serial No. 222,574; published Dec. 8, 1925.
Personeni, Joseph, Inc., New York, N. Y. Artificial Vichy powders, liniment powders, plasters, etc. 209,946; Mar. 2; Serial No. 212,199; published Dec. 8, 1925.
Pillsbury-Washburn Flour Mills Company, Ltd.; Pillsbury Flour Mills Company, Minneapolis, Minn., successor. Flour made from wheat. 49,005; renewed Jan. 16, 1926.
Pillsbury-Washburn Flour Mills Company, Ltd.; Pillsbury Flour Mills Company, Minneapolis, Minn., successor. Flour made from wheat. 50,622; renewed Mar. 27, 1926.
Pillsbury-Washburn Flour Mills Company, Ltd.; Pillsbury Flour Mills Company, Minneapolis, Minn. Flour made from wheat. 50,802; renewed Mar. 27, 1926.
Pillsbury-Washburn Flour Mills Company, Limited; Pillsbury Flour Mills Company, Minneapolis, Minn., successor. Wheat flour. 51,480; renewed Apr. 17, 1926.
Piqua Handle & Manuf'g Co., The, Piqua, Ohio. Lawn rakes. 209,988; Mar. 2.
Piru Citrus Association, Piru, Calif. Oranges, lemons, and grapefruit. 209,836; Mar. 2; Serial No. 217,578; published Dec. 8, 1925.
Piso Company, The, Warren, Pa. Medicinal tablets. 209,654; Mar. 2; Serial No. 221,673; published Dec. 1, 1925.
Poetzl, Charles, doing business as Poetzl Chemical Co., Baltimore, Md. Lotion for high blood pressure, fatigue, etc. 209,692; Mar. 2; Serial No. 218,777; published Dec. 15, 1925.
Polar Products Company, Eau Claire, Wis. Nonfreezing solution for automobile radiators. 209,854; Mar. 2; Serial No. 216,430; published Dec. 8, 1925.
Pool, William W., doing business as Direct Mattress Company, Dallas, Tex. Mattresses. 209,853; Mar. 2; Serial No. 216,025; published Oct. 20, 1925.
Pool, William W., doing business as Direct Mattress Company, Dallas, Tex. Mattresses. 209,853; Mar. 2; Serial No. 216,026; published Oct. 20, 1925.
Poulsen, Oluf V., doing business as A. H. Riise Apothecary, St. Thomas, Virgin Islands. Face tonic. 209,947; Mar. 2; Serial No. 212,456; published Dec. 1, 1925.
Priestley, B., & Co., Inc., New York, N. Y. Cloths and piece goods. 209,819; Mar. 2; Serial No. 222,577; published Dec. 15, 1925.
Procter & Gamble Company, The, Cincinnati, Ohio. Anti-freeze mixture for radiator use. 209,739; Mar. 2; Serial No. 222,278; published Dec. 8, 1925.
Prosser, Frank R., doing business as F. R. Prosser & Co., Chicago, Ill. Automobile cleaner. 209,985; Mar. 2.
Puritan Pharmaceutical Company, St. Louis, Mo. Face powder, cold cream, peroxide cream, rouge, etc. 209,844; Mar. 2; Serial No. 215,268; published Dec. 1, 1925.
Quinebaug Company, The, Danielson, Conn. Cotton piece goods. 209,728; Mar. 2; Serial No. 221,716; published Dec. 15, 1925.
R & G Laboratories, Hollywood, Calif. Medicine for the relief of painful menstruation. 209,653; Mar. 2; Serial No. 221,674; published Dec. 1, 1925.
Ralston Purina Co.; Ralston Purina Company, St. Louis, Mo. Stock feed. 51,428; renewed Apr. 17, 1926.
Randall, George G., doing business as The Newater Company, Chicago, Ill. Lye. 209,745; Mar. 2; Serial No. 222,047; published Dec. 15, 1925.
Remick, George E., doing business as Luxhaven Club Laboratory, Denver, Colo. Constipation treatment. 209,818; Mar. 2; Serial No. 222,579; published Dec. 15, 1925.
Remington Salt Company. (See Crystaline Salt Company, assignor.)
Remington Typewriter Company. (See Wyckoff, Seamons & Benedict, assignor.)
Renze, Nick R., doing business as Renze Cigar Co., Connellsville, Pa. Cigars. 209,803; Mar. 2; Serial No. 221,206; published Dec. 8, 1925.
Reo Chemical Co. (See Hain, Frank W. A.)
Rid-O Dander Co. (See Buttery, Lester L.)
Riise, A. H., Apothecary. (See Poulsen, Oluf V.)
Rivers, John P., doing business as Pacific Coast Mineral Co., San Pedro, Calif. Preparation for rheumatism, eczema, skin rash, bruises, etc. 209,867; Mar. 2; Serial No. 219,205; published Dec. 1, 1925.
Robbins, Harry, doing business as Robbin's Hats, Baltimore, Md. Hats and caps and ladies' and misses' hat frames and linings. 209,659; Mar. 2; Serial No. 221,383; published Dec. 8, 1925.
Robeson Preservo Company, Port Huron, Mich. Liquid compound for waterproofing and weatherproofing concrete, stucco, cement, etc. 209,866; Mar. 2; Serial No. 219,141; published Dec. 8, 1925.
Robinson, J. G., Lettuce Farms, Inc., Monroe, Wash. Lettuce. 209,710; Mar. 2; Serial No. 222,522; published Dec. 8, 1925.
Rockland & Rockport Lime Corporation, Rockland, Me. Lime and plaster mixture. 209,694; Mar. 2; Serial No. 218,664; published Dec. 8, 1925.
Rocky Mountain Products Co., The, Brooklyn, N. Y. Varnish. 209,736; Mar. 2; Serial No. 216,697; published Dec. 8, 1925.
Rodarte Drug Company, doing business as Vitagenol Medicine Co., El Paso, Tex. Preparation for the treatment of the nerves, blood, the liver, kidney, lungs, and brain. 209,856; Mar. 2; Serial No. 216,994; published Oct. 13, 1925.
Roland Publishing Company, New York, N. Y. Monthly publication. 209,958; Mar. 2; Serial No. 220,679; published Dec. 8, 1925.
Ronkonkoma Wall Paper Company, Inc., The, Ronkonkoma, N. Y. Wall paper. 209,963; Mar. 2; Serial No. 220,422; published Dec. 8, 1925.
Rose City Cotton Oil Mill, Little Rock, Ark. Fertilizers. 209,927; Mar. 2; Serial No. 219,765; published Dec. 8, 1925.
Rosemary Manufacturing Company, Roanoke Rapids, N. C. Cotton damask. 52,685; renewed May 15, 1926.
Roseth Corporation, The, Brooklyn, N. Y. Paper garment bags. 209,850–1; Mar. 2; Serial Nos. 222,634–5; published Dec. 15, 1925.

Ross, Sydney, Co., The, Newark, N. J. Preparations for the treatment of intestinal and liver diseases. 209,737; Mar. 2; Serial No. 222,352; published Dec. 15, 1925.

Ross, Sydney, Co., The, Newark, N. J. Medicinal preparation. 209,738; Mar. 2; Serial No. 222,351; published Dec. 15, 1925.

Roth & Nathan, Inc., New York, N. Y. Billiard and pool table covering cloths. 209,713; Mar. 2; Serial No. 220,204; published Dec. 15, 1925.

Roth & Nathan, Inc., New York, N. Y. Woolen goods in the piece. 209,871; Mar. 2; Serial No. 220,203; published Dec. 15, 1925.

Rothschild, David, & Co., Columbus, Ga. Hosiery, underwear, sweaters, caps, hats, etc. 209,915; Mar. 2; Serial No. 220,423; published Dec. 8, 1925.

Russell, Sidney S., doing business at The Drysorb Company, St. Louis, Mo. Lotion for the treatment of hemorrhoidal complaints. 209,655; Mar. 2; Serial No. 221,689; published Dec. 8, 1925.

S. & C. Laboratories. (See Crain, Charles E.)

Samson Cordage Works, Boston, Mass. Cords, lines, twines, and ropes. 50,827; renewed Apr. 8, 1926.

Sands Manufacturing Company, The, Cleveland, Ohio. Gas heaters and coils for gas water heaters. 209,970; Mar. 2; Serial No. 219,993; published Nov. 24, 1925.

Scala Packing Company, Inc., Utica, N. Y. Skinned hams, cured hams, headcheese, etc. 209,976; Mar. 2.

Schulthess & Co. Aktiengesellschaft, Basel, Switzerland. Ribbon. 209,950; Mar. 2; Serial No. 215,880; published Dec. 15, 1925.

Seamless Rubber Company, Inc., The, New Haven, Conn. Bathing caps and rubber household aprons. 209,879; Mar. 2; Serial No. 220,875; published Dec. 8, 1925.

Seney, Groom & Ipswitch, San Francisco, Calif. Rugs. 209,714; Mar. 2; Serial No. 220,255; published Dec. 15, 1925.

Shafer, John F., Mason, Tex. Preparation for the extermination of weeds and grass. 209,914; Mar. 2; Serial No. 220,429; published Dec. 15, 1925.

Shaw & Truesdell Co., Brooklyn, N. Y. Food for hogs, poultry, cattle, and horses. 209,860; Mar. 2; 217,531; published Dec. 8, 1925.

Sherwin-Williams Company, The, Cleveland, Ohio. Paints, paint enamels, japans, varnishes, etc. 209,912; Mar. 2; Serial No. 220,479; published Dec. 8, 1925.

Shirley, Frieda F., Brookline, Mass. Skin lotion. 206,701; Mar. 2; Serial No. 221,920; published Dec. 1, 1925.

Shrecengost, D. J., Company, Roswell, N. Mex. Fresh apples. 209,817; Mar. 2; Serial No. 222,583; published Dec. 15, 1925.

Shur-Gloss Mnfg. Co., Chicago, Ill. Waterproof leather top dressing. 209,983; Mar. 2.

Silberman, Jacob, doing business as Lady Lane Mfg. Co., New York, N. Y. Negligees, bath robes, lingerie, and underwear. 209,919; Mar. 2; Serial No. 220,825; published Dec. 8, 1925.

Simmons, C. F., Medicine Co. (See Dempster, S., assignor.)

Sint Co., The. (See Blakeslee, Havilah A., assignor.)

Smith, L. C., & Co., Vinalhaven, Me. Cleanser and polisher. 209,668; Mar. 2; Serial No. 215,187; published Dec. 8, 1925.

Soieries de Strasbourg, Strassburg, France. Sheets, strips, tubes, or threads of viscose, etc. 209,842; Mar. 2; Serial No. 215,422; published Dec. 8, 1925.

Sparks Milling Company, Alton, Ill. Wheat flour. 209,917; Mar. 2; Serial No. 220,871; published Dec. 8, 1925.

Sphinx Motor Oil Company, Los Angeles, Calif. Motor oils. 209,945; Mar. 2; Serial No. 211,431; published June 2, 1925.

Spray Paint Company, Chicago, Ill. Prepared liquid paints. 209,923; Mar. 2; Serial No. 220,041; published Dec. 8, 1925.

Standard Oil Company, San Francisco, Calif. Gasoline. 209,843; Mar. 2; Serial No. 215,279; published Dec. 8, 1925.

Stanford Seed Company, Inc., The, Buffalo, N. Y. Seeds. 209,661; Mar. 2; Serial No. 221,214; published Dec. 8, 1925.

Stanford Seed Company, Inc., Buffalo, N. Y. Seeds. 209,802; Mar. 2; Serial No. 221,213; published Dec. 8, 1925.

Starrow Chemical Co. (See De Witt, Wilbur M.)

Stifel, J. L., & Sons, Wheeling, W. Va. Cotton piece goods. 209,758; Mar. 2; Serial No. 222,337; published Dec. 15, 1925.

Stittville Canning Company, Utica, N. Y. Canned fruits, berries, and vegetables, chili sauce, etc. 209,904; Mar. 2; Serial No. 195,082; published Dec. 8, 1925.

Summit Varnish Company, Summit, Ill. Varnish. 209,686; Mar. 2; Serial No. 219,211; published Dec. 8, 1925.

Sumter Packing Company, Inc., Sumter, S. C. Canned vegetables. 209,978; Mar. 2.

Supralock Nut Corporation, New York, N. Y. Lock nuts. 209,667; Mar. 2; Serial No. 215,281; published Dec. 8, 1925.

Terre Haute Brewing Co., Terre Haute, Ind. Lager beer and bottled beer. 51,485; renewed Apr. 17, 1926.

Terre Haute Brewing Co., Terre Haute, Ind. Lager beer and bottled beer. 52,762; renewed May 15, 1926.

Texas Sugar Refining Company, Texas City, Tex. Refined sugar. 209,954; Mar. 2; Serial No. 220,928; published Dec. 8, 1925.

Thayer, Henry, & Co., Inc., Cambridge, Mass. Preparation for the relief of constipation, etc. 209,827; Mar. 2; Serial No. 219,919; published Dec. 1, 1925.

Thermely Manufacturing Company, Inc., Rensselaer, Ind. Antifreezing solutions. 209,749; Mar. 2; Serial No. 221,985; published Dec. 15, 1925.

Tingue, Brown & Co., New York, N. Y. Cotton padding for laundry-machinery rolls. 209,974; Mar. 2.

Tower & Lyon Co., New York, N. Y., assignor to Union Hardware Company, Torrington, Conn. Screw drivers. 49,360; renewed Jan. 30, 1926.

Townsend, Guy B., Rutland, Vt. Cheese. 209,779; Mar. 2; Serial No. 213,867; published July 21, 1925.

Townsend Manufacturing Company, Hatfield, Pa. Narrow elastic fabrics. 209,768; Mar. 2; Serial No. 201,968; published Nov. 24, 1925.

Trans-Lux Daylight Picture Screen Corporation, New York, N. Y. Screens, machines for projection, and stock-ticker projectors. 209,929; Mar. 2; Serial No. 219,700; published Dec. 8, 1925.

Tulare Packing Company, Tulare, Calif. Canned fruit. 206,758; Mar. 2; Serial No. 216,654; published Dec. 15, 1925.

Ultramarine Company, The, New York, N. Y. Bluing. 53,735; renewed June 12, 1926.

Underwood, William, Company, assignor to William Underwood Company, Boston, Mass. Canned sardines. 48,674; renewed Jan. 9, 1926.

Underwood, William, Company, assignor to William Underwood Company, Boston, Mass. Deviled entremets. 49,927; renewed Feb. 20, 1926.

United Drug Company, trading under the name and style of Langlois, New York, Boston, Mass. Perfume, face powder, compacts, rouge, etc. 209,723; Mar. 2; Serial No. 221,150; published Nov. 17, 1925.

United Fast Color Eyelet Company, Boston; United Fast Color Eyelet Company, Boston, Mass., and Portland, Me. Eyelets and lacing hooks. 50,738; renewed Mar. 27,1926.

Union Hardware Company. (See Tower & Lyon Co., assignor.)

Union Special Machine Company, Chicago, Ill. Sewing machines and parts thereof. 48,707; renewed Jan. 9, 1926.

Union Special Machine Company, Chicago, Ill. Sewing machines and parts thereof. 49,362; renewed Jan. 30, 1926.

Union Special Machine Co.; Union Special Machine Company, Chicago, Ill. Sewing machines and parts thereof. 52,235–6; renewed May 29, 1926.

Valentine & Company, New York, N. Y. First coating or surfacing for metal, wood, or painted surfaces. 209,700; Mar. 2; Serial No. 214,290; published Nov. 10, 1925.

Vaughn Machinery Company, The, Cuyahoga Falls, Ohio. Wire-drawing machines and parts thereof. 209,787; Mar. 2; Serial No. 222,489; published Dec. 8, 1925.

Vergon Son & Company, Inc., The, Delaware, Ohio. Oranges, grapefruit, and tangerines. 209,727; Mar. 2; Serial No. 221,522; published Dec. 8, 1925.

Vitagenol Medicine Co. (See Rodarte Drug Company.)

W. W. Chemical Co., Detroit, Mich. Preparation for the treatment of goiter. 209,824; Mar. 2; Serial No. 222,355; published Dec. 15, 1925.

Ward, Samuel, Manufacturing Company, Boston, Mass. Memoranda books. 209,831; Mar. 2; Serial No. 219,318; published Dec. 8, 1925.

Ward, Samuel, Manufacturing Company, Boston, Mass. Books composed of blank forms for insertion of data. 209,833; Mar. 2; Serial No. 218,676; published Dec. 8, 1925.

Ward's Products Co., Chicago, Ill. Salad dressings. 209,922; Mar. 2; Serial No. 220,208; published Dec. 8, 1925.

Warner, Reuben, 2, doing business as Hi-Go Tread Company, St. Paul, Minn. Detachable treads for shoes. 209,883; Mar. 2; Serial No. 220,749; published Dec. 8, 1925.

Washington Dairy, Davenport, Iowa. Ice cream. 209,861; Mar. 2; Serial No. 217,913; published Dec. 8, 1925.

Watkins, J. R., Company, The, Winona, Minn. Face creams, antiseptic healing powder, blood and skin tonic, etc. 209,940; Mar. 2; Serial No. 207,905; published Dec. 1, 1925.

Wayne County Preserving Co., assignor to Edgett-Burnham Company, Newark, N. J. Canned fruits and vegetables. 53,296; renewed May 29, 1926.

Wedl, Anton, New York, N. Y. Certain named dry goods. 52,389; renewed May 8, 1926.

Wedl, Anton, New York, N. Y. Linens and linen piece goods. 52,449; renewed May 8, 1926.

Weinberg, Irving, Dress Company, Inc., New York, N. Y. Dresses. 209,881; Mar. 2; Serial No. 220,782; published Dec. 1, 1925.

Wells, S. C., & Co. (See Bacon, B. H., Co., assignor.)

Welton, P. E., Engineering Company, The, Akron, Ohio. Fuel briquettes. 209,716; Mar. 2; Serial No. 220,879; published Dec. 8, 1925.

Wernet Dental Mfg. Co. Inc., New York, N. Y. Powder to hold false teeth firmly in place. 209,957; Mar. 2; Serial No. 220,750; published Dec. 1, 1925.

Western Cartridge Company, East Alton, Ill. Shot shells. 209,759; Mar. 2; Serial No. 222,898; published Dec. 15, 1925.

Weyer, George H., St. Joseph, Mo. Hair tonic. 209,815; Mar. 2; Serial No. 222,649; published Dec. 15, 1925.

Wheatena Company, The, New York; The Wheatena Company, New York, N. Y., and Wheatenaville, Rahway, N. J. Wheat breakfast food. 53,025; renewed May 22, 1926.

Whitcher, Frank W., Boston, assignor to Frank W. Whitcher Company, Boston, Mass., and Portland, Me. Shoe pincers. 54,256; renewed June 26, 1926.

Williams, Estella, Newark, N. J. Hair growers, hairdressings, hair pomades, and shampoos. 209,670; Mar. 2; Serial No. 214,985; published Dec. 15, 1925.

Wilson-Western Sporting Goods Co., Chicago, Ill. Tennis rackets. 209,717–18; Mar. 2; Serial Nos. 220,433–4; published Dec. 15, 1925.

Winget Kickernick Company, Minneapolis, Minn. Bloomers and underwear. 209,748; Mar. 2; Serial No. 221,995; published Dec. 8, 1925.

Woolson Spice Company, The, Toledo, Ohio. Coffee. 209,651; Mar. 2; Serial No. 221,795; published Dec. 15, 1925.

Wright, Agnes F., New York, N. Y. Chints, linen, and cretonne goods in the piece, curtains, etc. 209,972; Mar. 2.

Wright, William E., and Sons Company, Orange, N. J. Bias-fold tapes and trimmings. 209,990; Mar. 2.

Wyckoff, Seamans & Benedict, Ilion, assignor to Remington Typewriter Company, Ilion and New York, N. Y. Typewriting machines. 53,530; renewed June 5, 1926.

Wyoming Boiler Compound Co., Douglas, Wyo. Compounds for use in boilers for steam-generating plants for radiators or automobiles. 209,873; Mar. 2; Serial No. 221,041; published Dec. 15, 1925.

Yellow Cab Motor Fuel Company, Pittsburgh, Pa. Gasoline, benzol, motor fuels, oils, etc. 209,762–3; Mar. 2; Serial Nos. 186,861–2; published Dec. 8, 1925.

Young & Griffin Coffee Co., Inc., New York, N. Y. Coffee. 209,869; Mar. 2; 219,509; published Dec. 8, 1925.

Zacharia, Sylvan, doing business as The Enjoystep Products, Long Island City, N. Y. Medicinal compounds for the treatment of corns, bunions, etc. 209,859; Mar. 2; Serial No. 217,316; published Dec. 1, 1925.

Zonite Products Company, New York, N. Y. Antiseptic germ destroyer, disinfectant, deodorant, and bleach. 209,925; Mar. 2; Serial No. 202,366; published Nov. 17, 1925.

Zylocase Company, The, Newark, N. J. Leather optical-frame cases, pocketbooks, cardcases, etc. 209,969; Mar. 2; Serial No. 220,056; published Dec. 8, 1925.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Alter, George T., doing business as The Battle Creek Pure Food Coffee Company, Battle Creek, Mich. Battle Creek Pure Food Coffee. For Coffee. 29,983; Mar. 2.

Ashley, Homer, Dallas, Tex. Ashley's Hair Tonic. For Hair Tonic. 29,984; Mar. 2.

Baer, Frances R., doing business as Mitsis Oracle Company, Kansas City, Mo. Mitsis. For A Game For Telling Fortunes. 29,985; Mar. 2.

Battle Creek Pure Food Coffee Company, The. (See Alter, George T.)

Bolton, Betty, Inc., Hollywood, Calif. Betty Bolton Candy. For Candy. 29,986; Mar. 2.

Buckeye Soda Products Company, Cleveland, Ohio. Snow Peak. For Bicarbonate of Soda. 29,987; Mar. 2.

By-Sel Company, The. (See Eba, George M.)

Countryman, William H., Middletown, Ohio. Countryman's De France Perfume. For Perfume. 29,988; Mar. 2.

Dorsa & Abruzzo, Brooklyn, N. Y. Val De Luxe. For Cigars. 29,989; Mar. 2.

Eba, George M., doing business as The By-Sel Company, Newark, N. J. Ku-Yuma. For a Food Product of Sliced Cucumbers Packed in a Dressing of Oil and Vinegar. 29,990; Mar. 2.

Ephraim Sanitary Canning Company, Ephraim, Utah. Snappy Maid. For Canned Celery. 29,991; Mar. 2.

Exchange Orange Products Co., San Dimas, Calif. Californange. For Orange Juice. 29,992; Mar. 2.

Fisele, Martha D., doing business as Thos. J. Fisele Mop Co., St. Louis, Mo. World's Fair. For Mops. 29,993; Mar. 2.

Freund, Freund & Co., New York, N. Y. Made in Czechoslovakia. For Cotton Piece Goods. 29,994; Mar. 2.

Frisch, Emile, Chicago, Ill. Frisch Process. For Bread. 29,995; Mar. 2.

Garland Hosiery Mills. (See Sarfert, Chas.)

Gloray Company, The, New York, N. Y. Gloray Nail Polish Remover. For A Nail-Polish Remover. 29,996; Mar. 2.

Gloray Company, The, New York, N. Y. Gloray Lasting Nail Polish. For Nail Polish. 29,997; Mar. 2.

Golden Crown Macaroni Co. (See Tarabino, Joseph.)

Golden Nugget Sweets, San Francisco, Calif. Golden Nugget Fudge. For Candy. 29,998; Mar. 2.

Gosselin, Napoleon J., Norwich, Conn. Reliable Rug Renovator. For a Liquid Cleaner for Rugs, Clothing, Etc. 29,999; Mar. 2.

Hirsch, Walter J., Co. Chicago, Illl. Mazie. For Candy Bar. 30,000; Mar. 2.

Honolulu Dairymen's Association, Ltd., doing business as Mid-Pacific Candy Factory, Honolulu, Hawaii. Canned Kandies. For Candy. 30,001; Mar. 2.

Keesecker, Frank C., Dubuque, Iowa. Firex. For Carbontetrachloride, a Cleaning Fluid. 30,002; Mar. 2.

Kroeze, Nicholas V., Paterson, N. J. Alcohol. For Rubbing Alcohol. 30,003; Mar. 2.

Larmour, James J., East Orange, N. J. Palmpatch. For Plasters. 30,004; Mar. 2.

Menasha Printing and Carton Company, Menasha, assignor to Ripon Produce Company, Ripon, Wis. Checker Brand Butter. For Butter. 30,005; Mar. 2.

Menasha Printing and Carton Company, Menasha, assignor to Ripon Produce Company, Ripon, Wis. Jones Pure Cream Butter. For Butter. 30,006; Mar. 2.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Triple Cities Ice Cream Company, Daytona, Fla. Stilling's Tacoma Brick. For Ice Cream. 30,007; Mar. 2.

Mid-Pacific Candy Factory. (See Honolulu Dairymen's Association, Ltd.)

Milwaukee Paper Box Co., The, Milwaukee, Wis. Zion Chocolate Cream Egg. For Candy. 30,008; Mar. 2.

Mitsis Oracle Company. (See Baer, Frances R.)

Olympia Canning Co., Olympia, Wash. 6 Pound Special. For Canned Apples. 30,009; Mar. 2.

Ripon Produce Company. (See Menasha Printing and Carton Company, assignor.)

Robert Lewis Mills, Inc., The, New York, N. Y. Rollik. For Knitwear. 30,010; Mar. 2.

Sarfert, Chas., doing business as Garland Hosiery Mills, Philadelphia, Pa. Wee Dainties Hosiery. For Children's Stockings. 30,011; Mar. 2.

Strombeck-Becker Mfg. Co., Moline, Ill. Buildoblox. For an Instructive Game. 30,012; Mar. 2.

Tag Hart Malt Products Co., La Crosse, Wis. Tag-Hart Oh Boy. For Malt Extract and Hop-Flavored Malt Extract. 30,013; Mar. 2.

Tag Hart Malt Products Co., La Crosse, Wis. Tag-Hart Physician's Club. For Malt Extract and Hop-Flavored Malt Extract. 30,014; Mar. 2.

Tag Hart Malt Products Co., La Crosse, Wis. Tag-Hart Multi-Malt. For Malt Extract and Hop-Flavored Malt Extract. 30,015; Mar. 2.

Tarabino, Joseph, doing business as Golden Crown Macaroni Co., Trinidad, Colo. Corona D'Oro. For Macaroni. 30,016; Mar. 2.

Triple Cities Ice Cream Company. (See Menasha Printing and Carton Company, assignor.)

Vernon Hosiery Mills, New York, N. Y. Wonsixty—The Price and the Name are the Same—$1.60. For Hosiery. 30,017; Mar. 2.

Welch Grape Juice Company, The, Westfield, N. Y. Welch's Grape Juice. For Grape Juice. 30,018; Mar. 2.

Welch Grape Juice Company, The, Westfield, N. Y. Welch's Grape Juice Club Size. For Grape Juice. 30,019; Mar. 2.

Woodbridge Ornamental Iron Company, Chicago, Ill. Prestee!. For Stairways. 30,020; Mar. 2.

Yoder, Curwen A., Collegeville, Pa. Tasty Joy Cakes. For Candied Pop Corn. 30,021; Mar. 2.

Young's Market Company, Los Angeles, Calif. Young's Life-Giving Bread. For Bread. 30,022; Mar. 2.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Coca-Cola Company, Atlanta, Ga. Refresh Yourself. For Coca-Cola. 8,589; Mar. 2.

Cream of Wheat Co., Minneapolis, Minn. Your Child's Best Friends. For Wheat Breakfast Food. 8,590; Mar. 2.

Cream of Wheat Co., Minneapolis, Minn. A Philadelphia School Test That Surprised Mothers. For Wheat Breakfast Food. 8,591; Mar. 2.

Cream of Wheat Co., Minneapolis, Minn. School Authorities Ask You. For Wheat Breakfast Food. 8,592; Mar. 2.

Cream of Wheat Co., Minneapolis, Minn. Teachers Urge Mothers. For Wheat Breakfast Food. 8,593; Mar. 2.

Cream of Wheat Co., Minneapolis, Minn. A Curious Fact About Your Child's Success. For Wheat Breakfast Food. 8,594; Mar. 2.

Cream of Wheat Co., Minneapolis, Minn. 'Mighty Oaks from Tiny Acorns Grow'. For Wheat Breakfast Food. 8,595; Mar. 2.

Crowe, John C., Los Angeles, Calif. Look at Your Hair. For Snowbird Shampoo. 8,596; Mar. 2.

De Vilbiss Mfg. Co., The, Toledo, Ohio. An Exceptionally Fine Tooth Brush. For the Bonner Toothbrush. 8,597; Mar. 2.

De Vilbiss Mfg. Co., The, Toledo, Ohio. Cleans Well Wears Well. For the Bonner Toothbrush. 8,598; Mar. 2.

De Vilbiss Mfg. Co., The, Toledo, Ohio. Well Made Well Shaped. For the Bonner Toothbrush. 8,599; Mar. 2.

Eaton, Crane & Pike Co., Pittsfield, Mass. Style Must Always Rest On Quality. For Stationery. 8,600; Mar. 2.

Eskimo Pie Corporation, Louisville, Ky. Discovered—A Way to Make Ice Cream More Delicious. For Frozen Confections. 8,601; Mar. 2.

Foster, John R., doing business as Foster Brothers, Boston, Mass. Your Picture of Today Will Be The Keepsake of Tomorrow. For Pictures and Picture Frames. 8,602; Mar. 2.

Goodyear Tire & Rubber Company Inc., The, Akron, Ohio. Pathfinder Tire. For Vehicle Tires Composed Wholly or in Part of Rubber. 8,603; Mar. 2.

Heinz, H. J., Company, Pittsburgh, Pa. Heinz Holiday Desserts—Ready. For Desserts. 8,604; Mar. 2.

Heinz, H. J., Company, Pittsburgh, Pa. How Heinz Protects the Housewife in the Foods She Buys. For Heinz 57 Varieties. 8,605; Mar. 2.

Heinz, H. J., Company, Pittsburgh, Pa. Heinz Ketchup is All Ketchup. For Tomato Catchup. 8,606; Mar. 2.

Jell-O Company, Inc., The, Le Roy, N. Y. Give Combination Jell-O. For a Dessert Preparation. 8,607; Mar. 2.

Kimberly-Clark Company, Neenah, Wis. Sanek Cellucotton Neck Strips. For Sanitary Neck Strips. 8,608; Mar. 2.

Leppke, Louis A., Omaha, Nebr. The Super-Value Store, 1,000 Store Buying Power Super-Worth Clothes, 1,000 Store Overall. For Clothing. 8,609; Mar. 2.

Olcott, Anna M., doing business as The Wide-Awake Book Shop, Wilkes-Barre, Pa. The Wide-Awake. For Books and Stationery. 8,610; Mar. 2.

Wide-Awake Book Shop, The. (See Olcott, Anna M.)

Wright's Underwear Company, Inc., Troy and New York, N. Y. Don't Let Winter Stack The Cards Against You! For Men's and Boys' Underwear. 8,611; Mar. 2.

Wright's Underwear Company, Inc., Troy and New York, N. Y. Warmth is Health and Health is Wealth. For Men's and Boys' Underwear. 8,612; Mar. 2.

Wright's Underwear Company, Inc., Troy and New York, N. Y. Health Saved is Money Saved! Wear Underwear Which Keeps You Well. For Men's and Boys' Underwear. 8,613; Mar. 2.

Wright's Underwear Company, Inc., Troy and New York, N. Y. You Protect Your Stock Because They Mean Money—How About Yourself? For Men's and Boys' Underwear. 8,614; Mar. 2.

Wright's Underwear Company, Inc., Troy and New York, N. Y. Can You Buck The Line of Winter? For Men's and Boys' Underwear. 8,615; Mar. 2.

Wright's Underwear Company, Inc., Troy and New York, N. Y. Will Winter Win? Or You? For Men's and Boys' Underwear. 8,616; Mar. 2.

Wright's Underwear Company, Inc., Troy and New York, N. Y. Stop! Traffic Closed to Winds and Cold. For Men's and Boys' Underwear. 8,617; Mar. 2.

Yallsove & Sigmund, Wilmington, Del. Y & S Wind-Up Sale. For Coats, Dresses, Hand Bags, Hosiery, Gloves, and Bathrobes. 8,618; Mar. 2.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

A. B. C. Candy Co. (See American Beverage & Candy Co.)

A. B. C. Stores, Incorporated, The, Houston, Galveston, and Beaumont, Tex. Eggs and coffee. 203,774; Mar. 2.

A/S L. E. Bruun, Copenhagen, Denmark. Butter. 221,089; Mar. 2.

Acme White Lead & Color Works, Hamtramck, Mich. Paint enamels, paint and varnish thinners, and lacquers. 213,759; Mar. 2.

Adams, Walter M., Hutchinson, Kans. Card holder, comprising a flat base with a vertical rod on which rod are clamps for holding show cards, price cards, and the like. 223,498; Mar. 2.

Adelson, Abe N., Inc., New York, N. Y. Ladies' hats. 225,856; Mar. 2.

Airex Manufacturing Company, Seattle, Wash. Radio loud speakers and phonograph adapter units. 221,656; Mar. 2.

Allen and Courtney Oil Tool Company, Compton, Calif. Core drills, disk-bit shanks, casing heads, etc. 218,589; Mar. 2.

Amalgamated Dental Company Limited, The, London, England. Bunsen burners. 222,772; Mar. 2.

Amalgamated Dental Company Limited, The, London, England. Dental apparatus and supplies—namely, pulp-canal cleansers, etc. 222,773; Mar. 2.

American Beverage & Candy Co., doing business as A. B. C. Candy Co., Tacoma, Wash. Candy bars. 207,164; Mar. 2.

American Bosch Magneto Corporation, Springfield, Mass. Radio apparatus. 219,569; Mar. 2.

American Fringe Mills, Inc., New York, N. Y. Fringes (textile). 224,856; Mar. 2.

American Steel and Wire Company of New Jersey, The, Cleveland, Ohio; Chicago, Ill.; Pittsburgh, Pa.; New York, N. Y.; and Worcester, Mass. Metal fence posts. 213,352; Mar. 2.

Anglvox Radio Corporation. (See Beardsley, Charles S.)

Apollo Radio Horn Company, Chicago, Ill. Sound-amplifying devices known as loud speakers for use with radio receiving sets. 205,925; Mar. 2.

Arglomaco, Inc., New York, N. Y. Lamp shades made of fabric or sheet materials. 224,225; Mar. 2.

"Arto" Manufacturing Company, Inc., The, Hatfield, Pa. Enamel finish, lacquer, and varnish. 225,250; Mar. 2.

Associated Physicians Laboratories, San Francisco, Calif. Atropine sulphate, iron and ammonium citrate, iron cacodylate, etc. 223,881; Mar. 2.

Baalmann, John, doing business as Baljon Co., San Francisco, Calif. Cold cream, cleansing cream, face powder, and rouge. 209,269; Mar. 2.

Baer, Clyde K., doing business as Baer's Pharmacy, Philadelphia, Pa. Laxative pills, arsenated iron tablets, indigestion treatment, etc. 223,888; Mar. 2.

Bailey, William A., Portland, Oreg. Medicinal oil. 224,493; Mar. 2.

Bakelite Corporation, New York, N. Y. Strap hangers, propellers, windshields, and porthole lights. 222,426; Mar. 2.

Bakelite Corporation, New York, N. Y. Candlesticks, lamp stands, bases, etc. 222,429; Mar. 2.

Baker, A. T., & Co. Inc., Manayunk, Philadelphia, Pa. Pile fabrics in the piece. 226,221-2; Mar. 2.

Baljon Co. (See Baalmann, John.)

Baskind, Louis, New York, N. Y. Men's and boys' shirts and pyjamas. 225,696; Mar. 2.

Bastian-Blessing Company, The, Chicago, Ill. Equipment for welding, cutting, brazing, etc. 217,853; Mar. 2.

Bayly-Underhill Mfg. Co., The, Denver, Colo. Overalls, shirts, pants, etc. 224,893; Mar. 2.

Beacon Manufacturing Company, New Bedford, Mass., and Providence, R. I. Cotton blankets. 207,609; Mar. 2.

Beardsley, Charles S., doing business as The Anglvox Radio Corporation, East Cleveland, Ohio. Radio cabinets, casings, containers, etc. 219,368; Mar. 2.

Berman, Samuel H., doing business as Tip-Top Overall Company, Cincinnati, Ohio. Overalls. 224,944; Mar. 2.

Bersted Manufacturing Company, Chicago, Ill. Electrically-heated flatirons, waffle molds, and toasters. 206,509; Mar. 2.

Best & Co., Inc., New York, N. Y. Fur skins, hides, and pelts. 223,275; Mar. 2.

Best & Co., Inc., New York, N. Y. Nursery furniture. 223,278; Mar. 2.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Best & Co., Inc., New York, N. Y. Men's, women's, and children's clothing. 223,270; Mar. 2.

Bishop & Company, Los Angeles, Calif. Chocolate candy. 220,593; Mar. 2.

Blackstone Manufacturing Company, doing business as Tru Lax Manufacturing Co., Newark, N. J. Chewing-gum laxatives. 220,174; Mar. 2.

Blackwood Coal and Coke Company, Blackwood, Va., and Spartanburg, S. C. Coal. 222,780; Mar. 2.

Boston Woven Hose & Rubber Company, Cambridge, Mass. Friction tape. 223,803; Mar. 2.

Bradford Dyers' Association, Limited, The, Bradford, England. Sateens and venetians, being cotton piece goods. 223,079; Mar. 2.

Bradley, Smith Co., The, New Haven, Conn. Candy. 225,911; Mar. 2.

Brogdex Company, Winterhaven, Fla., and Los Angeles, Calif. Protective compositions for treating fruit. 188,527; Mar. 2.

Brooks, Estle H., Evergreen, Ala. Cake slicers. 223,572; Mar. 2.

Brooks Oil Company, The, Cleveland, Ohio. Petroleum products. 225,465; Mar. 2.

Brown Manufacturing Co., Le Roy, N. Y. Remedy for constipation. 225,868; Mar. 2.

Bruno, C. & Son, Inc., New York, N. Y. Ukuleles, banjos, mandolins, guitars, and banjo ukuleles. 216,587; Mar. 2.

Brunstaedt Company, The, Newark, N. J. Textile silk underwear and silk gloves. 221,233; Mar. 2.

Bucklen, Herbert E., Corporation, Elkhart, Ind. Wind turbines. 218,731; Mar. 2.

Cadick Milling Company, Grand View, Ind. Self-rising flour. 220,638; Mar. 2.

Cameron, Angus, New York, N. Y. Solvent cleanser, water softener, and boiler compound. 224,901; Mar. 2.

Cast-O-Jell Chemical Company, San Francisco, Calif. Cathartic preparation. 202,925; Mar. 2.

Cavander's, Limited, London, England. Cigarettes. 225,505; Mar. 2.

Cluett, Peabody & Co., Inc., Troy, N. Y. Shirts. 225,589; Mar. 2.

Cluett, Peabody & Co., Inc., Troy, N. Y. Shirts. 225,591; Mar. 2.

Cluett, Peabody & Co., Inc., Troy, N. Y. Shirts. 225,593-5; Mar. 2.

Colvin, Joshua B., Baltimore, Md. Overall union suits and overalls. 224,903; Mar. 2.

Comfy Manufacturing Company. (See Katzner, Louis I.)

Converse Rubber Shoe Co., Malden, Mass. Overshoes and galoshes. 225,350; Mar. 2.

Cook, Elmer E., Onalaska, Wash. Salve or plaster for treating cancer. 225,871; Mar. 2.

Cowan, Charles V., Sacramento, Calif. Sandwiches. 218,002; Mar. 2.

Crescent Manufacturing Company, Seattle, Wash. Flavoring extracts for food purposes. 224,860; Mar. 2.

Cyclone Fence Company, Waukegan, Ill. Woven-wire fencing, spiral wire pickets, crimped pickets, gates, etc. 223,117; Mar. 2.

Dale & Dale, Sacramento, Calif. Medicine for treatment of rheumatism. 224,811; Mar. 2.

Dalpo Products Company. (See Dalzelle, Sanford J.)

Dalzelle, Sanford J., doing business as Dalpo Products Company, Baltimore, Md. Tire enamel, floor oil, aluminum bronze, auto and furniture wax, polish, etc. 219,064; Mar. 2.

Darling Products, Inc., Troy, N. Y. Bath salts. 226,048; Mar. 2.

David, B. Edmund, Inc., New York, N. Y. All-silk woven cloth in the piece. 208,700; Mar. 2.

Dean, M. R., Courtland, Calif. Fresh deciduous fruits. 214,534; Mar. 2.

De Lure Novelty Co., New York, N. Y. Garters. 224,747; Mar. 2.

De Mornies, Fidelia M., San Francisco, Calif. Medical preparation for the treatment of skin diseases. 224,181; Mar. 2.

Denzer & Nathan, Inc., New York, N. Y. Cotton piece goods. 205,995; Mar. 2.

Detroit Dental Manufacturing Co., Detroit, Mich. Antiseptics and germicides. 226,340; Mar. 2.

Detroit Vapor Stove Co., The, Detroit, Mich. Gas stoves. 224,182; Mar. 2.

Diener, Nelson G., Baltimore, Md. Preparations for coughs, colds, bronchitis, etc. 225,255; Mar. 2.

Di Santo, Joseph, doing business as Di Santo & Company, Duluth, Minn. Macaroni, tomato paste, canned tomatoes, etc. 216,155; Mar. 2.

Dri-Steam Valve Corporation, New York, N. Y. Steam valves and parts thereof. 225,598; Mar. 2.

Duro Pump and Manufacturing Company, The, Dayton, Ohio. Hydrostatic, float, needle, and cam valves. 220,510; Mar. 2.

Durwyllan Co. Inc., Paterson, N. J. Brake and transmission linings. 224,602; Mar. 2.

Eby, Harry, Shoe Co., Inc., Ephrata Borough, Pa. Shoes. 225,601; Mar. 2.

Einstein, J., Inc., New York, N. Y. Cotton, silk, satin, and velvet piece goods. 225,999; Mar. 2.

Elder Manufacturing Company, St. Louis, Mo. Flannel, wool, work, and dress shirts. 192,212; Mar. 2.

Elder Mfg. Co., St. Louis, Mo. Men's and boys' dress, negligee, and work shirts, undershirts, etc. 194,593; Mar. 2.

Electric Railway Equipment Company, The, Cincinnati, Ohio. Electric trolley-line materials—namely, tubular poles, ornamental lighting poles, etc. 198,512; Mar. 2.

Engineering Product Corporation Inc., The, New York, N. Y. Joint-filling nipples for sleeves of electric cable joints. 223,289; Mar. 2.

English-Whitman Products, New York, N. Y. Loop antennæ. 222,978; Mar. 2.

Eno, J. C., Limited, London, England. Medicinal saline preparation for human use. 222,065; Mar. 2.

Ernst, George, doing business as Ernst & Co., Newark, N. J. Gauges for steam boilers, tanks, reservoirs, and other liquid containers. 223,777; Mar. 2.

Evansville Tea & Coffee Co. (See Reysz, Fred J.)

Federal Radio Company Limited, Toronto, Ontario, Canada. Radio antennæ. 224,239; Mar. 2.

Feldhahn, F. John, doing business as Kasto-Mul Company, Independence, Mo. Castor-oil emulsion. 226,189; Mar. 2.

Feldstein, Abraham D., New York, N. Y. Men's and boys' caps. 225,509; Mar. 2.

Fenton, John, Columbus, Ohio. Leather boots. 225,603; Mar. 2.

Ferguson, Almira E., doing business as J. E. Ferguson, Hood River, Oreg. Fresh apples. 212,547; Mar. 2.

Fibre Case & Novelty Co. (See Meyerson, Max.)

Florala Manufacturing Co., Florala, Ala. Children's nainsook underwear. 224,085; Mar. 2.

Forbush Shoe Company, The, North Grafton, Mass. Leather shoes. 225,511; Mar. 2.

Ford, J. B., Company, The, Wyandotte, Mich. Paint and enamel remover. 215,576; Mar. 2.

Fox, Paul M., Chicago, Ill. Reducing powder. 226,191; Mar. 2.

Fratelli Garosci Di Gio, Turin, Italy. Antipasto. 222,671; Mar. 2.

Free Sewing Machine Company, Rockford, Ill. Electric sewing machines. 222,739; Mar. 2.

Fu Nicola, G. Rinaldi, Mercato San Severino, Salerno, near Naples, Italy, and New York, N. Y. Canned natural tomato sauce and canned fresh Italian peeled tomatoes. 220,471; Mar. 2.

G. & G. Kynoch, Limited, London, England, and Keith, Scotland. Cloths and stuffs of wool, worsted, and hair. 219,337; Mar. 2.

Geiger, Howard A., Company, The, Cleveland, Ohio. Work, dress, negligee, night, and under shirts, pyjamas, union suits, collars, etc. 188,629; Mar. 2.

Gendron Wheel Co., The, Toledo, Ohio. Juvenile iron, wood, and all-steel coaster and express wagons, cars, etc. 216,169; Mar. 2.

Girl Scouts, New York, N. Y. Belts and scarfs for personal wear, shoulder straps, chevrons, etc. 206,967; Mar. 2.

Globe Bottling Co. (See Kanner, Abraham.)

Goldberg, Isidor, doing business as National Garter Co., New York, N. Y. Fancy shirred elastic and braid elastic. 221,815; Mar. 2.

Goodwin Laboratories, Incorporated, Louisville, Ky. Preparation for the prevention and treatment of venereal diseases. 225,099; Mar. 2.

Goss, E., & Company, San Francisco, Calif. Cigars. 208,291; Mar. 2.

Gould Cream Company, Minneapolis, Minn. Skim-milk powder. 216,174; Mar. 2.

Grant, W. T., Co. (See Tobacco Rehandling Co., Ltd., Inc.)

Greene, Oscar V., doing business as Greene Gas Cleaner Company, Cleveland, Ohio. Air and gas fillers for use on internal-combustion engines and air compressors. 210,665; Mar. 2.

Gross, Samuel, New York, N. Y. Solvent for drain pipes and the like. 224,703; Mar. 2.

Guerrin, Bourquin & Cie. Fabrique d'Ebauches Aurore à Villeret, Villeret, Switzerland. Watch movements and parts of watches. 221,315; Mar. 2.

Guiden, Charles, Inc., New York, N. Y. Prepared mustard or chowchow sauce. 223,438; Mar. 2.

Gutradt, Joseph, Company, San Francisco, Calif. Soaps. 225,227; Mar. 2.

Gutradt, Joseph, Company, San Francisco, Calif. Soaps. 225,264; Mar. 2.

Haddon, Walter, London, England. Electric accumulators and accumulator boxes. 216,597; Mar. 2.

Hall, Carrie A., Leavenworth Kans. Dresses. 218,637; Mar. 2.

Harris, Frank E., Co. Inc., Binghamton, N. Y. Food-flavoring extracts. 224,381-3; Mar. 2.

Harris, Frank E., Co. Inc., Binghamton, N. Y. Food-flavoring extracts. 224,387-8; Mar. 2.

Harris, Frank E., Co. Inc., Binghamton, N. Y. Food-flavoring extracts. 224,391; Mar. 2.

Harris, Frank E., Co. Inc., Binghamton, N. Y. Food-flavoring extracts. 224,506; Mar. 2.

Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa. Drop forgings. 224,245; Mar. 2.

Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa. Seamless hollow cylinders, metal casings, metal tubing, etc. 224,246; Mar. 2.
Harron Hosiery Company, Philadelphia, Pa. Hosiery. 225,513; Mar. 2.
Hartmann, Carl H., New York, N. Y. Atomizers. 207,352; Mar. 2.
Held, Frank, Tractor Co., The, Columbus, Ohio. Root washers, an apparatus for washing carrots, turnips, etc. 223,034; Mar. 2.
Helmholz Shoe Manufacturing Company, Cudahy, Wis. Leather boots and shoes. 225,658–9; Mar. 2.
Hilmer, Fred L., Company, San Francisco, Calif. Butter, eggs, and cheese. 221,664; Mar. 2.
Hoffmann-Hayman Coffee Company, San Antonio, Tex. Coffee. 225,262; Mar. 2.
Hohner, M., Inc., New York, N. Y. Mouth harmonicas. 214,249; Mar. 2.
Hopkins, L. A., Medicine Co., Atlanta, Ga. Tonic and intestinal eliminant. 226,103; Mar. 2.
Horn, John J., Oliton, Okla. Pile remedy. 225,362; Mar. 2.
Hotchkiss Steel Products Co. Inc., Binghamton, N. Y. Steel forms for concrete construction work. 214,868; Mar. 2.
Hubbard, C. D., Fruit Co., Carpenteria, Calif. Oranges, lemons, and grapefruit. 222,251; Mar. 2.
Ideal Cup Corporation, Brooklyn, N. Y. Paper products. 224,605; Mar. 2.
International Shoe Company, St. Louis, Mo. Boots and shoes of leather. 225,609; Mar. 2.
Invincible Blow Pipe Co., Chicago, Ill. Blowers and shavings and dust collecting systems. 225,095; Mar. 2.
Irwin & Co., Inc., New York, N. Y. Baby rattles. 223,093; Mar. 2.
Jaburg Bros. Inc., New York, N. Y. Canned vegetables, fruit, fish, etc. 214,323; Mar. 2.
Jackson Corset Company, Jackson, Mich. Corsets, brassières, etc. 224,509–10; Mar. 2.
Jones, Emmet A., Atlanta, Ga. Overalls. 225,019; Mar. 2.
Julia Hoyt Modes, Inc., New York, N. Y. Ladies' and misses' dresses, coats, cloaks, and suits. 222,926; Mar. 2.
Kanner, Abraham, doing business as Globe Bottling Co., Los Angeles, Calif. Nonalcoholic, maltless beverage sold as soft drink; extracts and sirups for making same. 220,783; Mar. 2.
Kasto-Mul Company. (See Feldhahn, F. John.)
Katzner, Louis L., doing business as Comfy Manufacturing Company, Baltimore, Md. Pillows, fancy cushions, chair seats, and automobile cushions. 221,119; Mar. 2.
Kellogg Company, Battle Creek, Mich. Prepared food, consisting of a combination of oats and bran. 206,670; Mar. 2.
Kirshner & Alexander, New York, N. Y. Ladies' and misses' sport coats. 225,610; Mar. 2.
Klearflax Linen Looms, Inc., The, Duluth, Minn. Rugs and carpets of textile material. 205,071; Mar. 2.
Klearflax Linen Looms, Inc., The, Duluth, Minn. Rugs and carpets of textile fabrics. 206,530; Mar. 2.
Kominsky, Meyer, doing business as Reyem Cie., New York, N. Y. Face powders, face creams, toilet waters, etc. 226,150; Mar. 2.
Komo Chemical Co., Inc., Philadelphia, Pa. Insecticide. 222,617; Mar. 2.
Kurz-Kasch Company, The, Dayton, Ohio. Radio control mechanism, indicators, dials, knobs, etc. 223,585; Mar. 2.
Langendorf Baking Company, San Francisco, Calif. Bread. 209,091; Mar. 2.
Largman, Gray Company, Philadelphia, Pa. Ladies', misses', and children's hosiery. 224,978; Mar. 2.
Latin, L., & Company, Wisconsin Rapids, Wis. Men's pants, suits, and overcoats. 225,266; Mar. 2.
Le Frane Laboratories, Inc., New York, N. Y. Antiseptic in tablet form. 226,105; Mar. 2.
Lerner, Michael M., doing business as Marie De Medicis Company, Philadelphia, Pa. Hair oils. 223,966; Mar. 2.
Levinton, Louis H., New York, N. Y. Detachable pockets for clothing. 225,828; Mar. 2.
Lewis Manufacturing Co., Bay City, Mich. Ready-cut houses. 222,330; Mar. 2.
Library Bureau, Cambridge, Mass. Filing cabinets, followers and bases therefor; bookcases, cupboards, etc. 211,688; Mar. 2.
Liberty Candy Co., La Crosse, Wis. Candy. 224,252; Mar. 2.
Liberty Laboratories. (See Weinberg, Irving.)
Liebovitz, S., & Sons Inc., New York, N. Y. Dress, negligee, and work shirts, pyjamas, and boys' blouses. 224,918–19; Mar. 2.
Lindner Co'y, The, Cleveland, Ohio. Dresses. 225,123; Mar. 2.
Lion, Oscar, doing business as Lion and Company, New York, N. Y. Gauze ribbon for securing bouquets of flowers. 218,707; Mar. 2.
Lisk Manuf'g Co. Limited, Canadaigua, N. Y. Pails, milk cans, bread boxes, etc. 225,269; Mar. 2.
Locke, Alfred T., Chicago, Ill. Fuel oils and lubricating oils. 224,668; Mar. 2.
Loeffler, Brewer & Co., Inc., New York, N. Y. Cotton piece goods. 224,462; Mar. 2.
Londontown Clothes, Inc., Baltimore, Md. Men's coats, vests, pants, overcoats, and topcoats. 225,830; Mar. 2.
Los Angeles Ice & Cold Storage Co., Los Angeles, Calif. Distilled water. 215,074; Mar. 2.
Los Angeles Ice & Cold Storage Company, Los Angeles, Calif. Bottled water. 219,971; Mar. 2.
Machine Specialty Company, Ann Arbor, Mich. Radio receiving sets and component parts thereof. 225,127; Mar. 2.
Macy, R. H., & Co., Inc., New York, N. Y. Watches. 223,646–7; Mar. 2.
Made-Rite Products Co., St. Louis, Mo. Portland cement base flooring material. 217,793; Mar. 2.
Maire, O., Inc., New York, N. Y. Watches. 220,964; Mar. 2.
Manhattan Wholesale Grocery Company, Inc., Providence, R. I. Canned vegetables, fruits, olives, etc. 219,293; Mar. 2.
Manske, Valone, Waukegan, Ill. Moth preventive. 225,668; Mar. 2.
Marie De Medicis Company. (See Lerner, Michael M.)
Maritime Fish Corporation, Limited, Montreal, Quebec, Canada. Fresh, frozen, smoked, canned, salted, pickled, and dried fish. 220,550; Mar. 2.
Massachusetts Knitting Mills, Boston, Mass. Hosiery. 213,794; Mar. 2.
Maté, Inc., Philadelphia, Pa. Face powders, toilet waters, rouges, etc. 226,296; Mar. 2.
McCall, John O., New York, N. Y. Dentifrices. 226,010; Mar. 2.
Meridian Textile Corporation, New York, N. Y. Piece goods made of cotton. 226,107; Mar. 2.
Meyerson, Max, doing business as Fibre Case & Novelty Co., New York, N. Y. Soundproof mouthpiece for telephones. 224,145; Mar. 2.
Millar, E. B., & Company, Chicago, Ill. Coffee and tea. 225,795; Mar. 2.
Mills & Gibb Corp., New York, N. Y. Cotton and cotton and artificial-silk piece goods. 219,131; Mar. 2.
Mills, J. K., & Co., Hackettstown, N. J. After-shaving lotion. 225,370; Mar. 2.
Milton Cahn & Company, New York, N. Y. Perfumes. 223,766; Mar. 2.
Mirsky & Lewis, New York, N. Y. Children's wearing apparel, and particularly children's coats. 217,947; Mar. 2.
Molded Socket Corporation, Newark, N. J. Molded electric-light sockets. 223,250; Mar. 2.
Moore & Fisher, Inc., New York, N. Y. Hosiery. 225,567; Mar. 2.
Myrtle Mattress Company, Brooklyn, N. Y. Mattresses, pillows, and box springs. 183,035; Mar. 2.
Natchez Baking Company. (See Simon, Leo.)
National Garter Co. (See Goldberg, Isidor.)
National Grocer Company, Detroit, Mich. Matches. 222,992; Mar. 2.
Neiman, A., & Co., Louisville, Ky. Mattresses. 223,735; Mar. 2.
New England Brewing Co., doing business as Suffolk Brewing Company, Boston, Mass. Cereal malt beverage. 216,688; Mar. 2.
New York Merchandise Company, New York, N. Y. Shoes. 225,798; Mar. 2.
New York & Pennsylvania Clay Products Co., Rochester, N. Y. Blending clays to mix with molding sand for the purpose of renewing its usefulness. 216,631; Mar. 2.
Niagara Alkali Company, Niagara Falls, N. Y. Insecticides, disinfectants, and deodorants. 224,258; Mar. 2.
Nineteen Hundred Washer Company, The, Binghamton, N. Y. Power-operated clothes-washing machines. 220,293; Mar. 2.
Nixon, Cecil D., London, England. Metal fastenings. 208,005; Mar. 2.
North Shore Mill Company Ltd., Liverpool, England. Foods for cows, pigs, sheep, etc. 223,540; Mar. 2.
North State Pottery Company, Sanford, N. C. Pottery. 225,028; Mar. 2.
Nu Bone Corset Company, The, Los Angeles, Calif. Ladies' corsets. 212,022; Mar. 2.
Nunes, Leonardo, Los Angeles, Calif. Ukuleles. 222,866; Mar. 2.
Nyal Company, Detroit, Mich. Perfumes. 223,799; Mar. 2.
Oil Jack Company, Inc., The, New York, N. Y. Fluid and hydraulic jacks. 223,541; Mar. 2.
Pangburn Company, Fort Worth, Tex. Ice creams and sherbets. 218,271; Mar. 2.
Parsons, John H., doing business as The John H. Parsons Company, Pontiac, Mich. Ventilators for vehicles. 224,350; Mar. 2.
Payson Varnish Co., The, New York, N. Y. Paint and varnish remover. 216,691; Mar. 2.
Peck & Peck, New York, N. Y. Hosiery. 224,617–18; Mar. 2.

Pedox Produx, Inc., New York, N. Y. Silk, glazed, and mercerized shoe laces, shoe ribbons, and shoe buckles. 217,289; Mar. 2.
Peerless Roll Leaf Co., Inc., New York, N. Y. Imitation gold and silver leaf mounted on a roll of paper. 224,352; Mar. 2.
Penn Leather Company, Philadelphia, Pa. Leather soles, taps, and slip soles. 225,800; Mar. 2.
Perky, Scott H., Batavia, N. Y. Breakfast food. 212,397; Mar. 2.
Permite Piston Co., Cincinnati, Ohio. Pistons. 225,053; Mar. 2.
Pierce-Arrow Motor Car Company, The, Buffalo, N. Y. Pedal pad. 212,396; Mar. 2.
Pierce-Arrow Motor Car Company, The, Buffalo, N. Y. Foot mats made of rubber products and fabrics. 212,400; Mar. 2.
Pilcher, R. A., Co., Inc., New York, N. Y. Hosiery. 225,731; Mar. 2.
Pittsburg Water Heater Company, Pittsburgh, Pa. Gas hot-water heaters and gas hot-water-storage systems. 202,142; Mar. 2.
Plankinton Packing Company, Milwaukee, Wis. Fresh and cold-storage eggs. 210,982; Mar. 2.
Plee-Zing Corporation, The, New York, N. Y., and Savannah, Ga. Toothpicks. 215,479; Mar. 2.
Pie-Jur Products Co., Glenside, Pa. Talcum powder. 226,302; Mar. 2.
Plough Chemical Company, Memphis, Tenn. Toothbrushes. 208,311; Mar. 2.
Polly Portable Phonograph Co., Inc., The, New York, N. Y. Musical instruments and supplies, specifically phonographs and parts thereof. 219,683–4; Mar. 2.
Pratt, Archie M., Redlands, Calif. Oranges, lemons, and grapefruit. 220,800; Mar. 2.
Pratt, Archie M., Redlands, Calif. Oranges, lemons, and grapefruit. 220,802; Mar. 2.
Premier Photo Plays. (See Smith, James V.)
Radio Equipment Company, East Cleveland, Ohio. Adapter units for radio receiving sets for converting a receiving set into a superheterodyne. 219,645; Mar. 2.
Rauh, E., and Sons Company, The, Dayton, Ohio. Fatty acids, such as made from linseed oil, etc. 206,976; Mar. 2.
Red Spot Paint & Varnish Company, Incorporated, Evansville, Ind. Paint enamels, dried paste, and ready-mixed paint and finishing materials. 216,215; Mar. 2.
Reed Manufacturing Co., Newark, N. J. Pails, milk cans, bread boxes, etc. 225,282; Mar. 2.
Reichmann Company, Chicago, Ill. Radio receiving sets, loud speakers, antennæ, transformers, etc. 217,962; Mar. 2.
Reinhold, Arno, doing business as Stayput Company, Cleveland, Ohio. Caps. 224,532; Mar. 2.
Requardt, Gustav J., Baltimore, Md. Knitted and textile underwear. 202,079; Mar. 2.
Reyem Cie. (See Kominsky, Meyer.)
Reyss, Fred J., doing business as Evansville Tea & Coffee Co., Evansville, Ind. Nonalcoholic malt sirup. 225,055; Mar. 2.
Rhode Island Web Company, Pawtucket, R. I. Narrow elastic braid. 224,673; Mar. 2.
Rich, E. C., Inc., New York, N. Y. Crystallized ginger, stem ginger, preserved ginger, gelatin, etc. 225,844; Mar. 2.
Rich, E. C., Inc., New York, N. Y. Crystallized ginger, stem ginger, preserved ginger, jelly powder, etc. 225,846; Mar. 2.
Rife Hydraulic Engine M'f'g Co., New York, N. Y. Hydraulic engines and rams. 224,205; Mar. 2.
Robbins Company, The, Attleboro, Mass. Articles made wholly or in part of precious metal, college and school jewelry, class pins, etc. 222,191; Mar. 2.
Rockwood & Co., New York, N. Y. Shredded chocolate. 225,979; Mar. 2.
Roloff, Georgia G., San Francisco, Calif. Scalp and hair shampoo. 207,475; Mar. 2.
Rosenblatt, H., & Sons, Inc., Beloit, Wis. Overalls, unionalls, pants, etc. 224,932; Mar. 2.
Rothschild, Lester, & Co., Inc., Chicago, Ill. Suits, overcoats, and topcoats. 222,706; Mar. 2.
Saffert Cement Construction Company, New Ulm, Minn. Artificial-stone products. 206,543; Mar. 2.
Sanford, Ray C., Franklin Grove, Ill. Soap. 225,320; Mar. 2.
San-Man Chocolates Co., Boston, Mass. Chocolate candies. 225,941; Mar. 2.
Santiago Orange Growers Association, Orange, Calif. Oranges, lemons, and grapefruit. 219,849; Mar. 2.
Saurer, Adolph, Inc., New York, N. Y. Internal-combustion motors and parts thereof. 220,680; Mar. 2.
Schloss & Kahn Grocery Co., Montgomery, Ala. Cigars. 218,669; Mar. 2.
Schmidt, Florian J., Palm Beach, Fla. Liver renovators. 226,168; Mar. 2.
Scientific Products, Inc., Wilmington, Del., and Chicago, Ill. Medicinal tablets. 226,081; Mar. 2.
Shotwell Mfg. Co., Chicago, Ill. Candy bar. 225,808–10; Mar. 2.
Simon, Franklin, & Co., Inc., New York, N. Y. Men's and boys' furnishings, undergarments, and clothing; dresses, corsets, sport suits, etc., for women and girls. 216,886; Mar. 2.
Simon, Hyman, New York, N. Y. Hair nets. 225,056; Mar. 2.
Simon, Leo, doing business as Natchez Baking Company, Natchez, Miss. Fruit cake, potato chips, layer, cakes, etc. 224,882; Mar. 2.
Simson & Frey, Inc., New York, N. Y. Reeds for wind musical instruments, such as clarinets, etc. 222,284; Mar. 2.
Smaltz, Hugh M., Marion, Ind. Fabric gloves and combination fabric and leather gloves. 225,683; Mar. 2.
Smith, James V., doing business as Premier Photo Plays, New York, N. Y. Photographic film and announcement slides for projector machines. 203,908; Mar. 2.
Sportrola Phonograph Manufacturing Company, The. (See Waterson, May.)
Stayput Company. (See Reinhold, Arno.)
Stevens, Wenceslaus, New York, N. Y., and Naples, Italy. Leather gloves. 224,483; Mar. 2.
Storfer Laboratories, Inc., New York, N. Y. Perfumes, toilet waters, face lotions, face creams, etc. 225,894; Mar. 2.
Strauss, Levi, & Co., San Francisco, Calif. Jumper shirts, blouse shirts, dress shirts, etc. 211,216; Mar. 2.
Suffolk Brewing Company. (See New England Brewing Co.)
Sun Chemical Co., Oakland, Calif. Medicines and chemical treatment material for pyorrhea. 215,600; Mar. 2.
Superior Motor Coach Body Company, The, Lima, Ohio. Bodies for motor vehicles. 223,556; Mar. 2.
Sylvania Products Company, Emporium, Pa. Radiotubes. 225,247; Mar. 2.
Taylor, Charles E., El Dorado, Ark. Flour composed of oats and wheat. 217,054; Mar. 2.
Theme Hosiery Company, Los Angeles, Calif. Hosiery. 222,095; Mar. 2.
Thomas, Arthur H., Company, Philadelphia, Pa. Chemical compounds for absorbing moisture in steel and organic combustion analysis. 225,852; Mar. 2.
Thompson, N. J., & Co., Elmira, N. Y. Hosiery. 225,884; Mar. 2.
Thorpe, Jay, Inc., New York, N. Y. Corsets. 225,559; Mar. 2.
Tingue, Brown & Co., New York, N. Y. Knitted cotton padding for laundry machinery rolls. 225,046; Mar. 2.
Tip-Top Overall Company. (See Berman, Samuel H.)
Tobacco Behandling Co., Ltd., Inc., doing business as W. T. Grant Co., Louisville, Ky. Leaf tobacco. 223,069; Mar. 2.
Triangle Apparel Co., New York, N. Y. Ladies' wearing apparel. 224,305; Mar. 2.
Trifari & Krussman, Inc., New York, N. Y. Pearl necklaces. 224,807; Mar. 2.
Tripler, F. R., & Co., Inc., New York, N. Y. Men's coats, vests, long pants, etc. 223,489; Mar. 2.
Tru Lax Manufacturing Co. (See Blackstone Manufacturing Company.)
U-C-It Silk Hosiery Co., The, Marietta, Ga. Hosiery, silk underwear, and ladies' and children's shoes. 222,965; Mar. 2.
United Shoe Co. (See Williams-Marvin Company.)
United States Hat Machinery Corporation, New York, N. Y. Hat machinery and particularly hat bat-felting machines. 222,052; Mar. 2.
U. S. Technical Products Company, New York, N. Y. Mixed paints and varnishes. 225,151; Mar. 2.
Universal Crane Company, The, Elyria, Ohio. Mobile power shovels and cranes. 213,152; Mar. 2.
Universal Skid-less Chain Company, Niles, Mich. Anti-skid chains for automobiles and mud hooks. 221,724; Mar. 2.
Upjohn Company, The, Kalamazoo, Mich. Effervescent salt for the treatment of nutritional disorders. 226,314; Mar. 2.
Utensils Company, The, Fort Wayne, Ind. Ironing machines. 219,921; Mar. 2.
Vivaudou, Victor, New York, N. Y. Face powders, face creams, face packs, etc. 224,887; Mar. 2.
Waterson, May, doing business as The Sportrola Phonograph Manufacturing Company, New York, N. Y. Phonographs. 210,593; Mar. 2.
Weinberg, Irving, doing business as Liberty Laboratories, Bridgeport, Conn. Hair tonic. 225,900; Mar. 2.
Weinstein, Louis J., New York, N. Y. Composition for making hard refractory dental models and investments. 223,206; Mar. 2.
Wenatchee Lumber Company, Wenatchee, Wash. Roofing material, lumber, and lumber products. 224,167; Mar. 2.
Western Cartridge Company, East Alton, Ill. Rifle cartridges. 222,896; Mar. 2.
Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Electric air heaters. 219,214; Mar. 2.
Whitney Company, The, Detroit, Mich., and Garibaldi, Oreg. Bundled lumber. 196,041; Mar. 2.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Williams-Marvin Company, doing business as United Shoe Co., San Francisco, Calif. Shoes, slippers, pumps, and sandals. 225,536; Mar. 2.
Williams, Mervin H., New Britain, Conn. Healing cream. 226,268; Mar. 2.
Williamsville Buff Manufacturing Company, Danielson, Conn. Buff wheels. 225,154; Mar. 2.
Wilson-Hughes Drug Co. Inc., Memphis, Tenn. Medicinal preparation for the treatment of diseases of the kidneys. 192,655; Mar. 2.
Wyman, Partridge & Co., Minneapolis, Minn. Work clothing. 224,370; Mar. 2.
Zollinger & Schroth, Inc., New York, N. Y. Silk piece goods. 225,904; Mar. 2.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Briquettes, Fuel. P. E. Welton Engineering Company. 209,716; Mar. 2; Serial No. 220,379; published Dec. 8, 1925.
Coal. E. J. Cummings. 54,509; renewed June 26, 1926.
Moss, Cured ginned Spanish. Louisiana Moss Products Co. 209,961; Mar. 2; Serial No. 220,549; published Dec. 8, 1925.
Seeds. J. Loewith. 209,761; Mar. 2; Serial No. 181,408; published Dec. 8, 1925.
Seeds. Stanford Seed Company. 209,802; Mar. 2; Serial No. 221,213; published Dec. 8, 1925.
Seeds. Stanford Seed Company. 209,661; Mar. 2; Serial No. 221,214; published Dec. 8, 1925.

CLASS 2.

Bags, Paper. Advance Bag and Paper Company. 209,711-2; Mar. 2; Serial Nos. 222,541-2; published Dec. 15, 1925.
Bags, Paper. Advance Bag and Paper Company. 209,845-7; Mar. 2; Serial Nos. 222,543-5; published Dec. 15, 1925.
Bags, Paper. Advance Bag and Paper Company. 209,848-9; Mar. 2; Serial Nos. 222,552-3; published Dec. 15, 1925.
Bags, Paper garment. Roseth Corporation. 209,850-1; Mar. 2; Serial Nos. 222,634-5; published Dec. 15, 1925.
Bottles, Vacuum. W. T. Grant Company. 209,798; Mar. 2; Serial No. 221,485; published Dec. 8, 1925.
Boxes, baskets, and crates. Anderson Box & Basket Co. 209,964; Mar. 2; Serial No. 220,390; published Dec. 8, 1925.
Containers and cartons. Menasha Printing and Carton Company. 209,678; Mar. 2; Serial No. 213,986; published Dec. 15, 1925.
Packing and shipping cases, sbooks, knockdown boxes, etc. Atlas Plywood Corporation. 209,886; Mar. 2; Serial No. 220,630; published Dec. 15, 1925.

CLASS 3.

Cases and fittings for same, kit bags, and hatboxes, Limousine tray, etc. Miller-Closman Company. 209,858; Mar. 2; Serial No. 217,172; published Dec. 8, 1925.
Optical-frame cases, pocketbooks, cardcases, etc., Leather. Zylocase Company. 209,969; Mar. 2; Serial No. 220,056; published Dec. 8, 1925.
Toilet kits and traveling cases, Rubber. Kase-Quinby Rubber Co. 209,863; Mar. 2; Serial No. 218,417; published Dec. 8, 1925.

CLASS 4.

Cleaner, Automobile. F. R. Prosser. 209,985; Mar. 2.
Cleaning preparation. Fresno Chemical Co. 209,834; Mar. 2; Serial No. 218,546; published Dec. 8, 1925.
Cleanser in powder form. M. Levin. 209,684; Mar. 2; Serial No. 219,398; published Dec. 8, 1925.
Dressing, Waterproof leather top. Shur-Gloss Mnfg. Co. 209,983; Mar. 2.
Paste, household cleaner, Hand. F. M. Bryant. 209,980; Mar. 2.
Polish, Metal. H. W. Howard. 209,968; Mar. 2; Serial No. 220,191; published Dec. 8, 1925.
Soap. H. A. Blakeslee. 58,998; renewed June 19, 1926.
Soap and cleaners. Minute Chemical Co. 209,960; Mar. 2; Serial No. 220,558; published Dec. 8, 1925.
Soap, Glycerin. Mülhens & Kropff. 51,386; renewed Apr. 17, 1926.
Soaps, Toilet. Mülhens & Kropff. 50,685; renewed Mar. 27, 1926.

CLASS 5.

Puncture seal. Lightning Manufacturing Company. 209,766; Mar. 2; Serial No. 200,397; published Apr. 7, 1925.

CLASS 6.

Acetylene, oxygen, carbide, and welding flux. Acetylene Products Company, of El Paso, Texas. 209,814; Mar. 2; Serial No. 222,652; published Dec. 15, 1925.
Ammonia and bluing. American Stores Company. 209,880; Mar. 2; Serial No. 220,819; published Dec. 15, 1925.
Antifreeze mixture for radiator use. Procter & Gamble Company. 209,739; Mar. 2; Serial No. 222,278; published Dec. 8, 1925.
Antifreezing compound for radiators. Colonial Drug & Sales Co. 209,989; Mar. 2.
Antifreezing solutions. Thermely Manufacturing Company. 209,749; Mar. 2; Serial No. 221,985; published Dec. 15, 1925.
Antiseptic germ destroyer, disinfectant, deodorant, and bleach. Zonite Products Company. 209,935; Mar. 2; Serial No. 202,366; published Nov. 17, 1925.
Astringents and antiseptics. Heilkraft Medical Company. 209,892; Mar. 2; Serial No. 222,983; published Dec. 15, 1925.
Beeswax, spermaceti, and ceresin. E. A. Bromund Co. 209,691; Mar. 2; Serial No. 218,790; published Dec. 1, 1925.
Bluing. Ultramarine Company. 53,735; renewed June 12, 1926.
Chemical compound, Humidifying. Atmos Products Corporation. 209,744; Mar. 2; Serial No. 222,058; published Dec. 1, 1925.
Chemical, Crystalline soluble. J. M. Keil. 49,208; renewed Jan. 30, 1926.
Chemical fire extinguishers. Graaff & Co. G. m. b. H. 51,645; renewed Apr. 17, 1926.
Cold cream, blood and nerve tonic, pills for cold and grippe, etc. First National Laboratories, Incorporated. 209,870; Mar. 2; Serial No. 220,117; published Dec. 1, 1925.
Composition for cleaning pipes. Cedar Sweep Co. 209,878; Mar. 2; Serial No. 220,887; published Dec. 15, 1925.
Composition for stopping leaks in radiators, steam and hot-water heating systems, etc. C. W. Gould. 209,726; Mar. 2; Serial No. 221,417; published Dec. 8, 1925.
Compound of sarsaparilla and tonic capsules for scrofula, liver complaint, etc. Michigan Drug Co. 209,752; Mar. 2; Serial No. 221,907; published Dec. 15, 1925.
Compounds for use in boilers. Wyoming Boiler Compound Co. 209,873; Mar. 2; Serial No. 221,041; published Dec. 15, 1925.
Constipation treatment. G. E. Remick. 209,818; Mar. 2; Serial No. 222,579; published Dec. 15, 1925.
Cough medicines. F. W. A. Hain. 209,693; Mar. 2; Serial No. 218,699; published Dec. 1, 1925.
Cream, Complexion. M. E. Hancock. 209,657; Mar. 2; Serial No. 221,486; published Dec. 1, 1925.
Cream, face powder, and rouge, Face. Flapper Novelty Company. 209,764; Mar. 2; Serial No. 189,712; published Dec. 8, 1925.
Cream, Pimple. L. E. Culver. 209,660; Mar. 2; Serial No. 221,306; published Dec. 15, 1925.
Cream, Reducing. Green Manufacturing Co. 209,865; Mar. 2; Serial No. 218,634; published Dec. 1, 1925.
Cream, Skin-bleaching. Magic Bleach Manufacturing Co. 209,864; Mar. 2; Serial No. 218,496; published Dec. 8, 1925.
Disinfectants. F. S. Lyndall. 209,708; Mar. 2; Serial No. 222,264; published Dec. 1, 1925.
Disinfectants, insecticides, etc. National Sanitary Products Co. 209,891; Mar. 2; Serial No. 220,502; published Dec. 15, 1925.
Dye, Hair. Longo Instantaneous Hair Dye, Inc. 209,944; Mar. 2; Serial No. 208,991; published Dec. 8, 1925.
Embalming fluid. Embalmers' Supply Company. 209,695; Mar. 2; Serial No. 218,297; published Dec. 15, 1925.
Embrocation or liniment. R. W. Brake. 209,812; Mar. 2; Serial No. 222,660; published Dec. 15, 1925.
Face creams, antiseptic healing powder, blood and skin tonic, etc. J. R. Watkins Company. 209,940; Mar. 2; Serial No. 207,905; published Dec. 1, 1925.
Face powder, vanishing and cold creams, rouge, bath salts, etc. Chicago Mail Order Company. 209,706; Mar. 2; Serial No. 222,163; published Dec. 1, 1925.
Face tonic. O. V. Poulsen. 209,947; Mar. 2; Serial No. 212,456; published Dec. 1, 1925.
Hairdressing. Mrs. J. McNally. 209,669; Mar. 2; Serial No. 215,081; published Dec. 1, 1925.
Hairdressing. T. H. Nell. 209,797; Mar. 2; Serial No. 221,498; published Dec. 8, 1925.
Hair growers, hairdressings, hair pomades, and shampoos. E. Williams. 209,670; Mar. 2; Serial No. 214,985; published Dec. 15, 1925.
Hair tonic. H. Ashley. 209,724; Mar. 2; Serial No. 221,158; published Dec. 1, 1925.
Hair tonic. F. J. Conjurske. 209,932; Mar. 2; Serial No. 190,535; published Dec. 15, 1925.
Hair tonic. G. H. Weyer. 209,815; Mar. 2; Serial No. 222,649; published Dec. 15, 1925.

Herbs for liver and kidney complaints. Michigan Drug Co. 209,750; Mar. 2; Serial No. 221,909; published Dec. 15, 1925.
Insect destroyer. Gaffney & Cord. 209,967; Mar. 2; Serial No. 220,226; published Dec. 1, 1925.
Insecticides and fungicides. Herbert & Herbert, Inc. 209,769; Mar. 2; Serial No. 202,452; published Dec. 8, 1925.
Laxative. E. M. Morton. 209,868; Mar. 2; Serial No. 219,440; published Dec. 1, 1925.
Liniment. S. Dempster. 46,701; renewed Oct. 3, 1925.
Lotion for the treatment of hemorrhoidal complaints. S. S. Russell. 209,655; Mar. 2; Serial No. 221,689; published Dec. 8, 1925.
Lotion for treatment of high blood pressure, fatigue, etc. C. Poetzl. 209,692; Mar. 2; Serial No. 218,777; published Dec. 15, 1925.
Lotion, Skin. F. F. Shirley. 209,701; Mar. 2; Serial No. 221,920; published Dec. 1, 1925.
Lotions, face powder, rouge, sachets, etc., Toilet. New Mix Products, Inc. 209,825; Mar. 2; Serial No. 219,982; published Dec. 8, 1925.
Lozenges, Pectoral and cough. Aktieselskabet Lagerman, Juar. 209,777; Mar. 2; Serial No. 211,770; published Dec. 8, 1925.
Lye. G. G. Randall. 209,745; Mar. 2; Serial No. 222,047; published Dec. 15, 1925.
Medical compound to be used as an astringent. Knoll & Co. 51,898; renewed Apr. 24, 1926.
Medical compound to be used as a hæmostatic. Knoll & Co. 51,899; renewed Apr. 24, 1926.
Medicated gum. C. E. Minnick. 209,894; Mar. 2; Serial No. 213,252; published Dec. 15, 1925.
Medicinal compounds for the treatment of corns, calli, bunions, etc. S. Zacharia. 209,859; Mar. 2; Serial No. 217,316; published Dec. 1, 1925.
Medicinal preparation for distemper in dogs. J. J. Fahl. 209,959; Mar. 2; Serial No. 220,601; published Dec. 1, 1925.
Medicinal preparations for intestinal and liver diseases. Sydney Ross Co. 209,738; Mar. 2; Serial No. 222,351; published Dec. 15, 1925.
Medicinal tablets. Piso Company. 209,654; Mar. 2; Serial No. 221,673; published Dec. 1, 1925.
Medicine, Cough. T. H. Odeneal. 209,816; Mar. 2; Serial No. 222,626; published Dec. 15, 1925.
Medicine for coughs, colds, etc. B. M. Graber. 209,731; Mar. 2; Serial No. 221,895; published Dec. 1, 1925.
Medicine for obesity. C. Crain. 209,811; Mar. 2; Serial No. 222,566; published Dec. 8, 1925.
Medicine for the relief of painful menstruation. R & G Laboratories. 209,653; Mar. 2; Serial No. 221,674; published Dec. 1, 1925.
Medicine for use in the treatment of rheumatism and neuritis. G. W. Lawson. 209,943; Mar. 2; Serial No. 208,801; published Sept. 22, 1925.
Medicine or pharmaceutical preparation. Eli Lilly & Company. 209,783-6; Mar. 2; Serial Nos. 222,689-92; published Dec. 8, 1925.
Medicines for the treatment of toothache, facial neuralgia, grippe, gout, etc. A. Mijnhardt. 209,942; Mar. 2; Serial No. 208,063; published Dec. 1, 1925.
Nail whits, eyelash grower, rouge, cuticle cream, etc. Blue Bird Inc. Perfumers. 209,938; Mar. 2; Serial No. 196,688; published Dec. 1, 1925.
Nonfreezing solution for automobile radiators. Polar Products Company. 209,854; Mar. 2; Serial No. 216,430; published Dec. 8, 1925.
Oil for medicinal use, Russian mineral. Ormont Drug & Chemical Co. 209,725; Mar. 2; Serial No. 221,200; published Dec. 1, 1925.
Oils, compound of oils, and vegetable and mineral oils. Kali Manufacturing Co. 209,687; Mar. 2; Serial No. 219,074; published Dec. 1, 1925.
Ointment for eczema, tetter, and piles. A. C. Brubaker. 209,705; Mar. 2; Serial No. 222,162; published Dec. 1, 1925.
Ointments. Foster-McClellan Company. 53,075; renewed May 22, 1926.
Oxidizing liquid. W. M. De Witt. 209,778; Mar. 2; Serial No. 213,163; published Dec. 8, 1925.
Paraffin for medicinal purposes, Liquid. Colonol Limited. 209,899; Mar. 2; Serial No. 204,088; published Dec. 1, 1925.
Peppermint drops. Albrecht-Richter Company. 209,887; Mar. 2; Serial No. 220,629; published Dec. 15, 1925.
Perfume. House of Tre-Jur, Inc. 209,823; Mar. 2; Serial No. 222,351; published Dec. 15, 1925.
Perfume, face powder, rouge etc. United Drug Company. 209,723; Mar. 2; Serial No. 221,150; published Nov. 17, 1925.
Perfume, toilet water, face powder, bath salts, etc. Lubin, Inc. 209,782; Mar. 2; Serial No. 222,781; published Dec. 8, 1925.
Petroleum jelly and compounds of petroleum jelly, etc. Michigan Drug Co. 209,751; Mar. 2; Serial No. 221,908; published Dec. 8, 1925.
Pills and tablets, Cathartic. Foster-McClellan Company. 53,073-4; renewed May 22, 1926.
Powder, cold cream, peroxide cream, rouge, etc., Face. Puritan Pharmaceutical Company. 209,844; Mar. 2; Serial No. 215,268; published Dec. 1, 1925.
Powder to hold false teeth in place. Wernet Dental Mfg. Co. 209,957; Mar. 2; Serial No. 220,750; published Dec. 1, 1926.
Powder, Tooth. Perlora Manufacturing Company. 209,820; Mar. 2; Serial No. 222,574; published Dec. 8, 1925.
Powders and creams, toilet waters, hair oils, etc., Face. La Fleur Laboratories. 209,979; Mar. 2.
Powders, creams, and packs, rouges, perfumes, etc., Face. Parfumerie St. Denis. 209,781; Mar. 2; Serial No. 222,760; published Dec. 8, 1925.
Preparation for making a nonintoxicating beverage, Dry. J. C. Eno, Limited. 51,934; renewed Apr. 24, 1926.
Preparation for rheumatism, eczema, skin rash, bruises, etc. J. P. Rivers. 209,867; Mar. 2; Serial No. 219,205; published Dec. 1, 1925.
Preparation for the extermination of weeds and grass. J. F. Shafer. 209,914; Mar. 2; Serial No. 220,429; published Dec. 15, 1925.
Preparation for the relief of constipation, etc. Henry Thayer & Co. 209,827; Mar. 2; Serial No. 219,919; published Dec. 1, 1925.
Preparation for the relief of headache. A. E. Gosselin. 209,809; Mar. 2; Serial No. 222,674; published Dec. 15, 1925.
Preparation for the teeth and gums. Dr. Burrus-Rice-Bilderback. 209,955; Mar. 2; Serial No. 220,886; published Dec. 1, 1925.
Preparation for the treatment of dandruff. L. L. Buttery. 209,719; Mar. 2; Serial No. 221,048; published Dec. 1, 1925.
Preparation for the treatment of freckles and the like. A. Mijnhardt. 209,941; Mar. 2; Serial No. 208,062; published Dec. 1, 1925.
Preparation for the treatment of goiter. W. W. Chemical Co. 209,824; Mar. 2; Serial No. 222,855; published Dec. 15, 1925.
Preparation for the treatment of intestinal and liver diseases. Sydney Ross Co. 209,737; Mar. 2; Serial No. 222,352; published Dec. 15, 1925.
Preparation for the treatment of the cigarette habit. K. E. Goodman. 209,720; Mar. 2; Serial No. 221,054; published Dec. 1, 1925.
Preparation for the treatment of the nerves, blood, the liver, etc. Rodarte Drug Company. 209,856; Mar. 2; Serial No. 216,994; published Oct. 13, 1925.
Preparations for the treatment of the head and hair. Hudson & Co. 53,082; renewed May 22, 1926.
Remedies for certain named diseases. Brown Mfg. Co. 48,909-10; renewed Jan. 16, 1926.
Remedy, Dandruff. G. W. Noonan. 209,656; Mar. 2; Serial No. 221,634; published Dec. 8, 1925.
Remedy for purifying blood, pills, liniment, salves, etc. K. C. Davis. 209,907; Mar. 2; Serial No. 186,048; published Dec. 1, 1925.
Remedy for the nerves. B. H. Bacon Co. 49,462; renewed Feb. 6, 1926.
Remedy for the nerves. B. H. Bacon Co. 51,011; renewed Apr. 8, 1926.
Rouges. Houbigant, Inc. 209,949; Mar. 2; Serial No. 214,796; published Dec. 1, 1925.
Salt. Crystaline Salt Company. 54,199; renewed June 19, 1926.
Salt. Francis H. Leggett & Company. 49,519; renewed Feb. 6, 1926.
Salve, Corn. P. Lo Grasso. 209,855; Mar. 2; Serial No. 216,616; published Sept. 22, 1925.
Tonic embrocation. Cosmos Products Rochester. 209,696; Mar. 2; Serial No. 218,298; published Dec. 15, 1925.
Vichy powders, liniment, powders, plasters, etc., Artificial. Joseph Personeni, Inc. 209,946; Mar. 2; Serial No. 212,199; published Dec. 8, 1925.
Water softeners, Mineral compounds. R. J. Held. 209,675; Mar. 2; Serial No. 214,820; published Dec. 15, 1925.

CLASS 7.

Cords, lines, twines, and ropes. Samson Cordage Works. 50,827; renewed Apr. 3, 1926.
Wire rope (cable) and guy strand. Pacific Wire Rope Co. 209,840; Mar. 2; Serial No. 217,111; published Dec. 8, 1925.

CLASS 8.

Cigar, cigarette, and match containers. Doerr Manufacturing Company. 209,934; Mar. 2; Serial No. 199,610; published Dec. 15, 1925.
Pipe buttons. G. W. J. Murphy Company. 209,760; Mar. 2; Serial No. 222,935; published Dec. 15, 1925.

CLASS 9.

Matches. Dougal Bros. 209,790; Mar. 2; Serial No. 222,166; published Dec. 8, 1925.
Matches. F. H. Fromm. 209,806; Mar. 2; Serial No. 222,836; published Dec. 15, 1925.
Shells, Shot. Western Cartridge Company. 209,759; Mar. 2; Serial No. 222,898; published Dec. 15, 1925.

CLASS 10.

Fertilizers. Rose City Cotton Oil Mill. 209,927; Mar. 2; Serial No. 219,765; published Dec. 8, 1925.

CLASS 12.

Concrete, stucco, cement, etc., Liquid compound for waterproofing and weatherproofing. Robesea Preserve Company. 209,866; Mar. 2; Serial No. 219,141; published Dec. 8, 1925.

Lime and Plaster mixture. Rockland and Rockport Lime Corporation. 209,694; Mar. 2; Serial No. 218,664; published Dec. 8, 1925.
Plasters and plaster compounds. Paragon Plaster Company. 54,477; renewed June 26, 1926.
Plywood panels and dimension veneer. Atlas Plywood Corporation. 209,884; Mar. 2; Serial No. 220,635; published Dec. 8, 1925.
Plywood panels and dimension veneer. Atlas Plywood Corporation. 209,885; Mar. 2; Serial No. 220,631; published Dec. 8, 1925.
Wall board and plaster lath. Buttress Manufacturing Co. 209,688; Mar. 2; Serial No. 218,951; published Dec. 8, 1925.

CLASS 13.

Baking set. Jones Metal Products Company. 209,918; Mar. 2; Serial No. 220,344; published Dec. 8, 1925.
Door plates. C. A. Holzknecht. 209,897; Mar. 2; Serial No. 207,679; published Dec. 8, 1925.
Metal goods. American Screw Company. 53,739; renewed June 12, 1926.
Nails, Horse. Capewell Horse Nail Company. 54,637; renewed June 26, 1926.
Nuts, Lock. Supralock Nut Corporation. 209,667; Mar. 2; Serial No. 215,281; published Dec. 8, 1925.
Pipe fittings, Metal. Malleable Iron Fittings Company. 51,529; renewed Apr. 17, 1926.
Straps, shook tie fasteners, shingle bands, etc., Steel. Acme Steel Company. 209,875; Mar. 2; Serial No. 220,986; published Dec. 8, 1925.
Treads for shoes, Detachable. R. Warner, 2. 209,883; Mar. 2; Serial No. 220,749; published Dec. 8, 1925.

CLASS 15.

Gasoline. Standard Oil Company. 209,843; Mar. 2; Serial No. 215,279; published Dec. 8, 1925.
Gasoline, benzol, motor fuels, oils, etc. Yellow Cab Motor Fuel Company. 209,762–3; Mar. 2; Serial Nos. 186,861–2; published Dec. 8, 1925.
Gasoline, lubricating oils, and greases. Martin County Co-Op. Oil Company. 209,862; Mar. 2; Serial No. 217,938; published Dec. 1, 1925.
Oils, Motor. Sphinx Motor Oil Company. 209,945; Mar. 2; Serial No. 211,431; published June 2, 1925.
Oils, Motor fuel. Badische Anilin- & Soda-Fabrik. 209,852; Mar. 2; Serial No. 215,962; published Nov. 3, 1925.

CLASS 16.

Cleanser and polisher. L. C. Smith & Co. 209,668; Mar. 2; Serial No. 215,187; published Dec. 8, 1925.
Coating or surfacing for metal, etc., First. Valentine & Company. 209,780; Mar. 2; Serial No. 214,290; published Nov. 10, 1925.
Lacquer. Egyptian Lacquer Manufacturing Company. 209,734; Mar. 2; Serial No. 215,902; published Dec. 8, 1925.
Lacquer, Auto top ready-mixed rubber. J. W. Pearson. 209,900; Mar. 2; Serial No. 203,834; published Dec. 8, 1925.
Paint, Marine. H. Louderbough. 51,423; renewed Apr. 17, 1926.
Paint, paint enamels, varnish, shellac, etc. Floor Shine Paint & Varnish Company. 209,665; Mar. 2; Serial No. 215,296; published Dec. 8, 1925.
Paints, Mixed. Patterson Sargent Company. 54,521; renewed June 26, 1926.
Paints, paint enamels, japans, varnishes, etc. Sherwin-Williams Company. 209,912; Mar. 2; Serial No. 220,479; published Dec. 8, 1925.
Paints, Prepared liquid. Spray Paint Company. 209,923; Mar. 2; Serial No. 220,041; published Dec. 8, 1925.
Paints, varnishes, and wood fillers. Chase, Roberts & Co. 209,911; Mar. 2; Serial No. 220,495; published Dec. 8, 1925.
Varnish. Rocky Mountain Products Co. 209,736; Mar. 2; Serial No. 216,697; published Dec. 8, 1925.
Varnish. Summit Varnish Company. 209,686; Mar. 2; Serial No. 219,211; published Dec. 8, 1925.
Varnish stains. David B. Crockett Company. 53,950; renewed June 19, 1926.
Wax, body wax, varnish, etc., Liquid cleaning. Crookes-Dittmar Co. 209,901; Mar. 2; Serial No. 203,300; published Dec. 8, 1925.

CLASS 17.

Cigarettes, tobacco, and snuff. Kingdom of Italy. 209,729; Mar. 2; Serial No. 221,836; published Dec. 15, 1925.
Cigars. Frank H. Fleer & Company. 45,225; renewed Aug. 8, 1925.
Cigars. N. R. Renze. 209,803; Mar. 2; Serial No. 221,206; published Dec. 8, 1925.
Cigars, Havana. Havana Commercial Company. 54,496; renewed June 26, 1926.
Snuff. Kingdom of Italy. 209,795; Mar. 2; Serial No. 221,838; published Dec. 8, 1925.

CLASS 19.

Vehicles. Gendron Wheel Co. 54,103; renewed June 19, 1926.
Vehicles and attachments and parts thereof, Motor. International Harvester Company. 209,775–6; Mar. 2; Serial Nos. 211,438–9; published Dec. 8, 1925.

CLASS 21.

Cut-out boards, Current-distributing. H. T. Paiste Co. 53,226; renewed May 29, 1926.
Insulating wire and insulating tapes. New York Insulated Wire Company. 53,666; renewed June 12, 1926.

CLASS 22.

Bats, Baseball. Hillerich & Bradsby Co. 209,794; Mar. 2; Serial No. 221,966; published Dec. 8, 1925.
Game, Table board. Mack-Mark Co. 209,965; Mar. 2; Serial No. 220,349; published Dec. 8, 1925.
Golf clubs. Carson Pirie Scott & Co. 209,767; Mar. 2; Serial No. 201,884; published Dec. 8, 1925.
Kites. Dahl-Niles Products, Incorporated. 209,796; Mar. 2; Serial No. 221,538; published Dec. 8, 1925.
Tennis rackets. Wilson-Western Sporting Goods Co. 209,717–18; Mar. 2; Serial Nos. 220,433–4; published Dec. 15, 1925.

CLASS 23.

Automobile washing apparatus. Klean-Rite Auto Laundry Company. 209,905; Mar. 2; Serial No. 193,186; published Dec. 15, 1925.
Plows and parts therefor. Collins Company. 52,092; renewed May 1, 1926.
Rakes, Lawn. Piqua Handle & Manuf'g. Co. 209,988; Mar. 2.
Saws. Henry Disston & Sons, Incorporated. 54,244; renewed June 26, 1926.
Screw drivers. Tower & Lyon Co. 49,360; renewed Jan. 30, 1926.
Sewing machine and parts thereof. Union Special Machine Co. 53,235–6; renewed May 29, 1926.
Sewing machines. Union Special Machine Company. 48,707; renewed Jan. 9, 1926.
Sewing machines and parts thereof. Union Special Machine Company. 49,362; renewed Jan. 30, 1926.
Shoe pincers. F. W. Whitcher. 54,256; renewed June 26, 1926.
Typewriting machines. Wycoff, Seamans & Benedict. 53,530; renewed June 5, 1926.
Wire-drawing machines and parts thereof. Vaughn Machinery Company. 209,787; Mar. 2; Serial No. 222,489; published Dec. 8, 1925.

CLASS 24.

Clothes wringer and parts comprising the same. American Wringer Company. 53,449; renewed June 5, 1926.
Wringing machine. American Wringer Company. 53,448; renewed June 5, 1926.

CLASS 26.

Measuring tapes. Lufkin Rule Co. 54,338; renewed June 26, 1926.
Ophthalmic frames. New Era Optical Co. 209,890; Mar. 2; Serial No. 220,563; published Dec. 8, 1925.
Screens, machines for projection, and stock-ticker projectors. Trans-Lux Daylight Picture Screen Corporation. 209,929; Mar. 2; Serial No. 219,700; published Dec. 8, 1925.
Ticket issuing and recording machines. Ohmer Fare Register Co. 50,823; renewed Apr. 8, 1926.

CLASS 27.

Clocks. Ansonia Clock Company. 49,494; renewed Feb. 6, 1926.

CLASS 29.

Paintbrushes. Baker Brush Co. 209,770; Mar. 2; Serial No. 205,812; published Dec. 8, 1925.
Toothbrushes. Mic-Lis Manufacturing Co. 209,722; Mar. 2; Serial No. 221,132; published Dec. 15, 1925.

CLASS 32.

Mattresses. W. W. Pool. 209,841; Mar. 2; Serial No. 216,023; published Oct. 20, 1925.
Mattresses. W. W. Pool. 209,853; Mar. 2; Serial No. 216,026; published Oct. 20, 1925.
Tables, Wooden. Imperial Furniture Company. 209,906; Mar. 2; Serial No. 192,917; published Dec. 8, 1925.

CLASS 34.

Burners and combustion-regulating equipment, Gas and oil. Doherty Research Company. 209,677; Mar. 2; Serial No. 214,064; published Dec. 8, 1925.
Furnaces and boilers, Heating. Monroe Foundry & Furnace Co. 52,667; renewed May 15, 1926.
Heaters and coils, Gas. Sands Manufacturing Company. 209,970; Mar. 2; Serial No. 219,993; published Nov. 24, 1925.
Heating devices, Oil. Percolator Heating Company. 209,951; Mar. 2; Serial No. 221,153; published Dec. 8, 1925.
Heating systems, boilers, generators, etc. C. L. Bryant Corporation. 209,799–801; Mar. 2; Serial Nos. 221,234–6; published Dec. 8, 1925.
Ranges, cooking stoves, and heating stoves. Kalamazoo Stove Co. 51,297; renewed Apr. 10, 1926.
Stoves. American Stove Company. 209,671; Mar. 2; Serial No. 214,905; published Dec. 8, 1925.

CLASS 35.

Wrapping for vehicle springs. I. Florman. 209,893; Mar. 2; Serial No. 213,435; published Dec. 1, 1925.

CLASS 36.

Guitars and mandolins. Lyon & Healy. 49,385; renewed Feb. 6, 1926.
Pianos. W. W. Kimball Company. 54,564; renewed June 26, 1926.

CLASS 37.

Books for insertion of data. Samuel Ward Manufacturing Company. 209,833; Mar. 2; Serial No. 218,676; published Dec. 8, 1925.
Books, Memoranda. Samuel Ward Manufacturing Company. 209,831; Mar. 2; Serial No. 219,318; published Dec. 8, 1925.
Cardboard, writing paper, and paper stock. Carpenter Paper Company. 209,966; Mar. 2; Serial No. 220,335; published Dec. 8, 1925.
Charts. J. C. Groff. 209,930; Mar. 2; Serial No. 219,666; published Dec. 8, 1925.
Inkstands. E. Davis. 48,618; renewed Jan. 9, 1926.
Inkstands. E. Davis. 48,632–3; renewed Jan. 9, 1926.
Paper and mailing envelopes, Writing. Birnie Paper Company. 209,830; Mar. 2; Serial No. 219,370; published Dec. 8, 1925.
Paper, Bond. Import Paper Company. 209,962; Mar. 2; Serial No. 220,537; published Dec. 8, 1925.
Paper, Printing and writing. Graham Paper Company. 209,772; Mar. 2; Serial No. 209,649; published Dec. 8, 1925.
Paper, Wall. Ronkonkoma Wall Paper Company. 209,963; Mar. 2; Serial No. 220,422; published Dec. 8, 1925.
Pencils. E. Faber. 54,354; renewed June 26, 1926.
Pencils and penholders. Eagle Pencil Company. 209,903; Mar. 2; Serial No. 200,753; published Sept. 30, 1924.

CLASS 38.

Booklets, circulars, and pamphlets. Northern Pacific Railway Company. 209,924; Mar. 2; Serial No. 219,986; published Nov. 17, 1925.
Newspapers, Comic section of. New York Herald Company. 49,499; renewed Feb. 6, 1926.
Publication. Payson & Clarke, Ltd. 209,673; Mar. 2; Serial No. 214,439; published Sept. 15, 1925.
Publication, Monthly. Amusement Publishing Co. 209,666; Mar. 2; Serial No. 215,289; published Oct. 27, 1925.
Publication, Monthly. Roland Publishing Company. 209,958; Mar. 2; Serial No. 220,679; published Dec. 8, 1925.

CLASS 39.

Bathing suits for children, misses, and women, bathing shoes, caps, etc. Asbury Mills. 209,984; Mar. 2.
Bloomers and underwear. Winget Kickernick Company. 209,748; Mar. 2; Serial No. 221,995; published Dec. 8, 1925.
Boots and shoes. Lewis A. Crossett Co. 209,920; Mar. 2; Serial No. 220,217; published Dec. 8, 1925.
Caps and rubber household aprons, Bathing. Seamless Rubber Company. 209,879; Mar. 2; Serial No. 220,875; published Dec. 8, 1925.
Coats, suits, gowns, skirts, waists, and sweaters. Kaufmann Department Stores, Inc. 209,741; Mar. 2; Serial No. 222,183; published Dec. 8, 1925.
Coats, vests, pants, overcoats, and topcoats. Kling Bros. & Co. 209,746; Mar. 2; Serial No. 222,034; published Dec. 8, 1925.
Dresses. Isaac Ginsberg & Bros., Inc. 209,743; Mar. 2; Serial No. 222,113; published Dec. 8, 1925.
Dresses. Irving Weinberg Dress Company. 209,881; Mar. 2; Serial No. 220,782; published Dec. 1, 1925.
Dresses, creepers, rompers, and play suits, Children's. Gordon Bros. 209,852; Mar. 2; Serial No. 221,743; published Dec. 8, 1925.
Dresses, suits, and coats. Avedon & Lightman. 209,874; Mar. 2; Serial No. 220,988; published Dec. 8, 1925.
Dresses, suits, sweaters, and scarfs, Knitted. R. R. Boronow. 209,732; Mar. 2; Serial No. 216,771; published Dec. 8, 1925.
Fur coats. Gelberg & Schwartz. 209,882; Mar. 2; Serial No. 220,771; published Dec. 8, 1925.
Girdles, corsets, corselets, bandeaux, and reducing garments. Boyshform Brassière Co. 209,674; Mar. 2; Serial No. 214,349; published Dec. 8, 1925.
Gloves. A. L. Cook. 209,921; Mar. 2; Serial No. 220,216; published Dec. 8, 1925.
Gloves, mittens, and gauntlets, Work. M. B. Hamilton & Co. 209,645–50; Mar. 2; Serial Nos. 221,818–23; published Dec. 8, 1925.
Gloves, mittens, and gauntlets, Work. M. B. Hamilton & Co. 209,752–4; Mar. 2; Serial Nos. 221,828–9; published Dec. 8, 1925.
Gloves, mittens, and gauntlets, Work. M. B. Hamilton & Co. 209,755–6; Mar. 2; Serial Nos. 221,825–6; published Dec. 8, 1925.
Hats and caps and ladies' and misses' hat frames and linings. H. Robbins. 209,659; Mar. 2; Serial No. 221,383; published Dec. 8, 1925.
Hats and caps for men. H. Meitlein. 209,895; Mar. 2; Serial No. 210,915; published Dec. 8, 1925.
Hosiery. Bonwit Teller & Co. 209,740; Mar. 2; Serial No. 222,216; published Dec. 8, 1925.
Hosiery. Haymon Krupp & Co. 209,697; Mar. 2; Serial No. 217,027; published Dec. 8, 1925.
Hosiery. Holeproof Hosiery Company. 209,971; Mar. 2; Serial No. 222,323; published Dec. 15, 1925.
Hosiery. Interstate Dry Goods Syndicate. 209,721; Mar. 2; Serial No. 221,067; published Dec. 8, 1925.
Hosiery. Mikado Hosiery Co. 209,662; Mar. 2; Serial No. 221,133; published Dec. 8, 1925.
Hosiery and underwear. B. Levy. 209,685; Mar. 2; Serial No. 219,340; published Dec. 8, 1925.
Hosiery and underwear. M. Nathan and Brother, Incorporated. 209,804; Mar. 2; Serial No. 221,193; published Dec. 1, 1925.
Hosiery, underwear, sweaters, caps, hats, etc. David Rothschild & Co. 209,915; Mar. 2; Serial No. 220,423; published Dec. 8, 1925.
Hosiery, Women's. Largman, Gray Company. 209,925; Mar. 2; Serial No. 219,968; published Dec. 8, 1925.
Negligees, bath robes, lingerie, and underwear. J. Silberman. 209,919; Mar. 2; Serial No. 220,325; published Dec. 8, 1925.
Overcoats, suits, and pants and shirts, Men's and boys'. Chicago Mail Order Company. 209,730; Mar. 2; Serial No. 221,876; published Dec. 8, 1925.
Pants or trousers, Riding. A. B. Frank Company. 209,747; Mar. 2; Serial No. 222,022; published Dec. 8, 1925.
Scarfs, chokers, rompers, cloaks, suits, kimonos, etc. Perkins Dry Goods Company. 209,928; Mar. 2; Serial No. 219,761; published Dec. 8, 1925.
Shoes, Ladies'. E. J. Donahue. 209,902; Mar. 2; Serial No. 201,229; published Dec. 8, 1925.
Shoes, Leather. F. Mayer Boot & Shoe Co. 53,309; renewed May 29, 1926.
Shoes, Leather. F. Mayer Boot & Shoe Co. 54,306; renewed June 26, 1926.
Shoes, slippers, pumps, and sandals. Buck & Company. 209,658; Mar. 2; Serial No. 221,477; published Dec. 8, 1925.
Sweaters, golf hose, bathing suits, mufflers, etc. Peckham-Foreman, Inc. 209,676; Mar. 2; Serial No. 214,093; published Dec. 8, 1925.
Underwear. Panelon Underwear Company. 209,680–3; Mar. 2; Serial Nos. 219,640–3; published Dec. 8, 1925.
Underwear. Panelon Underwear Company. 209,888–9; Mar. 2; Serial Nos. 220,614–5; published Dec. 8, 1925.
Underwear, hosiery, sweaters, and bathing suits. Dixie Underwear Co. 209,668; Mar. 2; Serial No. 221,100; published Dec. 8, 1925.

CLASS 40.

Combs, hairpins, hair clasps, etc. New-York Hamburger Gummi-Waaren Compagnie. 209,948; Mar. 2; Serial No. 214,433; published Nov. 17, 1925.
Elastic fabrics, Narrow. Townsend Manufacturing Company. 209,768; Mar. 2; Serial No. 201,988; published Nov. 24, 1925.
Elastic web, Narrow. C. J. Haley & Co. 209,986; Mar. 2.
Eyelets and lacing hooks. United Fast Color Eyelet Company. 50,738; renewed Mar. 27, 1926.
Marcel irons, rubber combs, wire hairpins, transformations, and wigs. Julius Pauly, Inc. 209,835; Mar. 2; Serial No. 217,333; published Dec. 8, 1925.
Needlework and novelties, Art. Grayona Needlecraft Corporation. 209,765; Mar. 2; Serial No. 198,570; published Nov. 3, 1925.
Tape, Linen and cotton. N. Erlanger, Blumgart & Co. 209,987; Mar. 2.
Tapes and trimmings, Bias-fold. William E. Wright and Sons Company. 209,990; Mar. 2.
Waistbands to engage with a shirt, Devices sewed on the inside of trouser. H. S. Hirsch. 209,838; Mar. 2; Serial No. 217,514; published Nov. 17, 1925.

CLASS 42.

Billiard and pool table covering cloths. Roth & Nathan, Inc. 209,713; Mar. 2; Serial No. 220,204; published Dec. 15, 1925.
Blankets, Cotton. Beacon Manufacturing Company. 209,981–2; Mar. 2.
Chints, linen, and cretonne goods, curtains, etc. A. F. Wright. 209,972; Mar. 2.
Cloths and piece goods. B. Priestley & Co. 209,819; Mar. 2; Serial No. 222,577; published Dec. 15, 1925.
Cotton and cotton and silk fabrics. Wm. Anderson Textile Mfg. Co. 209,938; Mar. 2; Serial No. 206,469; published Dec. 15, 1925.
Cotton broadcloth. Fred Butterfield & Co. 209,937; Mar. 2; Serial No. 204,304; published Dec. 15, 1925.
Cotton damask. Rosemary Manufacturing Company. 52,685; renewed May 15, 1926.
Cotton padding. Tingue, Brown & Co. 209,974; Mar. 2.
Cotton piece goods. Abbeville Cotton Mills. 209,679; Mar. 2; Serial No. 213,543; published Dec. 8, 1925.
Cotton piece goods. Jackson Company. 49,437; renewed Feb. 6, 1926.
Cotton piece goods. Quinebaug Company. 209,728; Mar. 2; Serial No. 221,716; published Dec. 15, 1925.
Cotton piece goods. J. L. Stifel & Sons. 209,758; Mar. 2; Serial No. 222,887; published Dec. 15, 1925.
Cotton sheetings, bleached and yarn-dyed fabrics. O. H. Hinck. 209,700; Mar. 2; Serial No. 221,899; published Dec. 15, 1925.

Fabrics in the piece, Pile. Sidney Blumenthal & Co. 209,818; Mar. 2; Serial No. 222,658; published Dec. 15, 1925.
Ginghams, Tissue. Fred Butterfield & Co. 209,939; Mar. 2; Serial No. 204,305; published Dec. 15, 1925.
Goods, Certain named dry. A Wedl. 52,889; renewed May 8, 1926.
Handkerchiefs, cotton and silk-cotton piece goods, and lace piece goods. M. Doob, Sons & Company. 209,774; Mar. 2; Serial No. 210,717; published Dec. 8, 1925.
Linens and linen piece goods. A. Wedl. 52,449; renewed May 8, 1926.
Ribbon. Schulthess & Co. Aktiengesellschaft. 209,950; Mar. 2; Serial No. 215,880; published Dec. 15, 1925.
Rugs. Senay, Groom & Ipswitch. 209,714; Mar. 2; Serial No. 220,255; published Dec. 15, 1925.
Sheetings and drillings. Grendel Mills. 209,822; Mar. 2; Serial No. 222,506; published Dec. 15, 1925.
Silk piece goods. Golding Fabrics Corporation. 209,810; Mar. 2; Serial No. 222,672; published Dec. 15, 1925.
Woolen dress goods in the piece. Atlantic Mills. 209,807; Mar. 2; Serial No. 222,811; published Dec. 15, 1925.
Woolen fabrics. Dent Woolen Co. 209,829; Mar. 2; Serial No. 219,578; published Dec. 8, 1925.
Woolen goods in the piece. Roth & Nathan, Inc. 209,871; Mar. 2; Serial No. 220,203; published Dec. 15, 1925.

CLASS 44.

Belts, aprons, bloomers, etc., Sanitary. The Fair. 209,909; Mar. 2; Serial No. 176,018; published Dec. 8, 1925.

CLASS 45.

Beverages sold as soft drinks and sirups for making the same. Jack Beverages, Inc. 209,789; Mar. 2; Serial No. 222,181; published Dec. 8, 1925.
Champagne, Ginger. Manitou Mineral Springs Company. 53,664; renewed June 12, 1926.

CLASS 46.

Apples, Fresh. D. J. Shrecengost Company. 209,817; Mar. 2; Serial No. 222,583; published Dec. 15, 1925.
Asparagus. J. W. Hollenbeck. 209,707; Mar. 2; Serial No. 222,243; published Dec. 8, 1925.
Bread. Cable-Draper Baking Company. 209,771; Mar. 2; Serial No. 208,636; published Dec. 8, 1925.
Bread, biscuits, cake, cookies, etc. W. Banner. 209,910; Mar. 2; Serial No. 184,538; published Dec. 8, 1925.
Candies and chocolates. C. M. Gowell. 209,839; Mar. 2; Serial No. 217,509; publised Dec. 8, 1925.
Candy. Brecht Candy Company. 209,702; Mar. 2; Serial No. 222,004; published Dec. 15, 1925.
Candy. Brecht Candy Company. 209,703; Mar. 2; Serial No. 222,007; published Dec. 15, 1925.
Candy. Bunte Brothers. 209,872; Mar. 2; Serial No. 221,090; published Dec. 8, 1925.
Candy. Champlain Luncheonette. 209,977; Mar. 2.
Candy. J. R. Edmiston. 209,793; Mar. 2; Serial No. 222,064; published Dec. 8, 1925.
Candy. Mayanlake Candy Co. 209,757; Mar. 2; Serial No. 222,859; published Dec. 15, 1925.
Candy. J. G. McDonald Chocolate Company. 209,699; Mar. 2; Serial No. 216,790; published Dec. 15, 1925.
Candy. Merrill Candy Company. 209,791; Mar. 2; Serial No. 222,131; published Dec. 8, 1925.
Candy bars. Aurval Candy Company. 209,709; Mar. 2; Serial No. 222,298; published Dec. 15, 1925.
Canned corn. Big Stone Canning Co. 209,926; Mar. 2; Serial No. 219,872; published Dec. 15, 1925.
Canned fish. J. C. Mullins & Co. 209,792; Mar. 2; Serial No. 222,084; published Dec. 8, 1925.
Canned fruit. Tulare Packing Company. 209,733; Mar. 2; Serial No. 216,654; published Dec. 15, 1925.
Canned fruits and vegetables. M. J. Boyer. 49,629; renewed Feb. 13, 1926.
Canned fruits and vegetables. Gibbs Preserving Company of Baltimore City. 50,442; renewed Mar. 20, 1926.
Canned fruits and vegetables. Wayne County Preserving Co. 53,296; renewed May 29, 1926.
Canned fruits, berries, vegetables, chili sauce, etc. Stittville Canning Company. 209,904; Mar. 2; Serial No. 195,082; published Dec. 8, 1925.
Canned fruits, vegetables, and fish, coffee, tea, chili sauce, spices, etc. P. G. Lennon. 209,715; Mar. 2; Serial No. 220,810; published Dec. 15, 1925.
Canned oysters. Gibbs Preserving Company of Baltimore City. 52,202; renewed May 1, 1926.
Canned oysters. Gibbs Preserving Company of Baltimore City. 54,167; renewed June 19, 1926.
Canned peas. Bozeman Canning Co. 209,826; Mar. 2; Serial No. 219,931; published Dec. 8, 1925.
Canned roast beef and gravy, boiled beef and gravy, sandwich spread, etc. Hedlund and Company. 209,918; Mar. 2; Serial No. 220,455; published Dec. 15, 1925.
Canned sardines. William Underwood Company. 48,674; renewed Jan. 9, 1926.
Canned vegetables. Sumter Packing Company. 209,973; Mar. 2.
Canned vegetables and fruits, fruit jams, etc. Charles Hewitt & Sons Co. 209,916; Mar. 2; Serial No. 220,407; published Dec. 8, 1925.
Cereal yeast food. Monarch Chemical Company. 209,952; Mar. 2; Serial No. 221,022; published Dec. 8, 1925.
Cheese. G. B. Townsend. 209,779; Mar. 2; Serial No. 213,867; published July 21, 1925.
Chocolate and candy. Park & Tilford. 209,821; Mar. 2; Serial No. 222,572; published Dec. 15, 1925.
Chocolate, cocoa, and preparations. M. S. Hershey. 54,497; renewed June 26, 1926.
Chocolate, cocoa, and preparations thereof. M. S. Hershey. 54,041; renewed June 19, 1926.
Coffee. J. F. Goodson & Co. 209,896; Mar. 2; Serial No. 208,048; published Dec. 15, 1925.
Coffee. James W. Hamblet, Inc. 209,953; Mar. 2; Serial No. 220,049; published Dec. 8, 1925.
Coffee. McAtee-Newell Coffee Company. 209,876–7; Mar. 2; Serial Nos. 220,965–6; published Dec. 15, 1925.
Coffee. Woolson Spice Company. 209,651; Mar. 2; Serial No. 221,795; published Dec. 15, 1925.
Coffee, Young & Griffin Coffee Co. 209,869; Mar. 2; Serial No. 219,509; published Dec. 8, 1925.
Entremets, Deviled. William Underwood Company. 49,927; renewed Feb. 20, 1926.
Feed and pearl meal, Horse, dairy, stock, and poultry. Heise Brothers. 209,773; Mar. 2; Serial No. 210,454; published Dec. 8, 1925.
Feed, Stock. Ralston Purina Co. 51,428; renewed Apr. 17, 1926.
Flour, Rye. Boutwell Milling & Grain Co. 48,668; renewed Jan. 9, 1926.
Flour, Self-rising wheat. Boonville Mills Company. 209,690; Mar. 2; Serial No. 218,947; published Dec. 8, 1925.
Flour, Wheat. Egerton Brothers. 209,742; Mar. 2; Serial No. 222,169; published Dec. 8, 1925.
Flour, Wheat. George Q. Moon & Company. 209,832; Mar. 2; Serial No. 218,862; published Dec. 8, 1925.
Flour, Wheat. Pillsbury-Washburn Flour Mills Company, Ltd. 49,005; renewed Jan. 16, 1926.
Flour, Wheat. Pillsbury-Washburn Flour Mills Company, Ltd. 50,622; renewed Mar. 27, 1926.
Flour, Wheat. Pillsbury-Washburn Flour Mills Company, Ltd. 50,802; renewed Mar. 27, 1926.
Flour, Wheat. Pillsbury-Washburn Flour Mills Company, Limited. 51,480; renewed Apr. 17, 1926.
Flour, Wheat. Sparks Milling Company. 209,917; Mar. 2; Serial No. 220,371; published Dec. 8, 1925.
Flours, corn meal, and cereal breakfast foods. Hubbard Milling Company. 209,908; Mar. 2; Serial No. 203,819; published Dec. 8, 1925.
Food for hogs, poultry, cattle, and horses. Shaw & Truesdell Co. 209,860; Mar. 2; Serial No. 217,531; published Dec. 8, 1925.
Fruit, Citrous. R. D. Keene & Co. 209,704; Mar. 2; Serial No. 222,124; published Dec. 8, 1925.
Fruit, Fresh citrous. Native Son Orchards Company. 209,788; Mar. 2; Serial No. 222,272; published Dec. 8, 1925.
Fruits, Fresh deciduous. H. Arakelian & Son. 209,698; Mar. 2; Serial No. 216,867; published Dec. 8, 1925.
Grapefruit, oranges, lemons, etc. G. W. Hackney. 209,975; Mar. 2.
Grapes, Table. Minium & Pollok. 209,689; Mar. 2; Serial No. 219,438; published Dec. 8, 1925.
Ham and bacon. Henry Muhs Company. 209,805; Mar. 2; Serial No. 222,842; published Dec. 15, 1925.
Hams, cured hams, headcheese, etc., Skinned. Scala Packing Company. 209,976; Mar. 2.
Ice cream. Washington Dairy. 209,861; Mar. 2; Serial No. 217,013; published Dec. 8, 1925.
Lettuce. J. G. Robinson Lettuce Farms, Inc. 209,710; Mar. 2; Serial No. 222,522; published Dec. 8, 1925.
Macaroni, spaghetti, vermicilli, and noodles. John B. Canepa Company. 52,980; renewed May 22, 1926.
Macaroni, vermicilli, spaghetti, and noodles. L. Bastrup and K. Scanlan, administrators of J. B. Canepa, deceased. 52,971; renewed May 22, 1926.
Meat, Extracts and essences of. Bovril Limited. 51,862; renewed Apr. 24, 1926.
Milk-base preparation in powdered form for making a food drink. B. E. Gamble Company. 209,936; Mar. 2; Serial No. 204,230; published Dec. 15, 1925.
Olives and cherries in dried, canned, and preserved condition. Elysée Olive Oil Co. 209,978; Mar. 2.
Oranges, grapefruit, and tangerines. W. H. Mouser & Co. 209,808; Mar. 2; Serial No. 222,754; published Dec. 15, 1926.
Oranges, grapefruit, and tangerines, Fresh. Vergon Son & Company. 209,727; Mar. 2; Serial No. 221,522; published Dec. 8, 1925.
Oranges, lemons, and grapefruit. Irwindale Citrus Association. 209,837; Mar. 2; Serial No. 217,561; published Dec. 8, 1925.
Oranges, lemons, and grapefruit. Piru Citrus Association. 209,836; Mar. 2; Serial No. 217,578; published Dec. 8, 1925.
Pears, Fresh. R. E. Gleie. 209,857; Mar. 2; Serial No. 217,089; published Dec. 15, 1925.
Pecans. Dixie Pecan Growers Exchange, Inc. 209,664; Mar. 2; Serial No. 221,097; published Dec. 15, 1925.
Pineapples, coffee, and fresh vegetables and fruits. H. S. Cochran. 209,931; Mar. 2; Serial No. 149,888; published Nov. 17, 1925.
Potatoes, beans, onions, and cabbages. Farr Produce Company. 209,672; Mar. 2; Serial No. 214,652; published Dec. 15, 1925.

Raisins, Dried. Dr. C. M. Hickey. 209,735; Mar. 2; Serial No. 215,630; published Dec. 8, 1925.
Salad dressings. Ward's Products Co. 209,922; Mar. 2; Serial No. 220,208; published Dec. 8, 1925.
Sausages, hams, bacon, and dressed lamb. New England Dressed Meat & Wool Company. 209,956; Mar. 2; Serial No. 220,791; published Dec. 8, 1925.
Sugar, Refined. Texas Sugar Refining Company. 209,954; Mar. 2; Serial No. 220,928; published Dec. 8, 1925.
Tea. Colombo Commercial Company. 209,828; Mar. 2; Serial No. 219,715; published Dec. 8, 1925.
Vegetables, Fresh. S. Perlmon. 209,898; Mar. 2; Serial No. 205,354; published Dec. 15, 1925.
Wheat breakfast food. Wheatena Company. 53,025; renewed May 22, 1926.

CLASS 48.

Beer and bottled beer, Lager. Terre Haute Brewing Co. 51,485; renewed Apr. 17, 1926.
Beer and bottled beer, Lager. Terre Haute Brewing Co. 52,762; renewed May 15, 1926.

CLASS 50.

Viscose, etc., Sheets, strips, tubes or threads of. Soieries de Strasbourg. 209,842; Mar. 2; Serial No. 215,422; published Dec. 8, 1925.

ALPHABETICAL LIST OF LABELS.

Alcool. For Rubbing Alcohol. N. V. Kroeze. 30,003; Mar. 2.
Ashley's Hair Tonic. For Hair Tonic. H. Ashley. 29,984; Mar. 2.
Battle Creek Pure Food Coffee. For Coffee. G. T. Alter. 29,983; Mar. 2.
Betty Bolton Candy. For Candy. Betty Bolton, Inc. 29,986; Mar. 2.
Buildoblox. For an Instructive Game. Strombeck-Becker Mfg. Co. 30,012; Mar. 2.
Californange. For Orange Juice. Exchange Orange Products Co. 29,992; Mar. 2.
Checker Brand Butter. For Butter. Menasha Printing and Carton Company. 30,005; Mar. 2.
Corona D'Oro. For Macaroni. J. Tarabino. 30,016; Mar. 2.
Countryman's De France Perfume. For Perfume. W. H. Countryman. 29,988; Mar. 2.
Firex. For Carbontetrachloride, a Cleaning Fluid. F. C. Keesecker. 30,002; Mar. 2.
Frisch Process. For Bread. E. Frisch. 29,995; Mar. 2.
Gloray Lasting Nail Polish. For Nail Polish. Gloray Company. 29,997; Mar. 2.
Gloray Nail Polish Remover. For a Nail-Polish Remover. Gloray Company. 29,996; Mar. 2.
Golden Nugget Fudge. For Candy. Golden Nugget Sweets. 29,998; Mar. 2.
Jones Pure Cream Butter. For Butter. Menasha Printing and Carton Company. 30,006; Mar. 2.
Kanned Kandies. For Candy. Honolulu Dairymen's Association, Ltd. 30,001; Mar. 2.
Ku-Yums. For a Food Product of Sliced Cucumbers Packed in a Dressing of Oil and Vinegar. G. M. Eba. 29,990; Mar. 2.
Made In (Czechoslovakia). For Cotton Piece Goods. Freund, Freund & Co. 29,994; Mar. 2.
Mazie. For Candy Bar. Walter J. Hirsch Co. 30,000; Mar. 2.
Mitsis. For a Game for Telling Fortunes. F. R. Baer. 29,985; Mar. 2.
Painpatch. For Plasters. J. J. Larmour. 30,004; Mar. 2.
Presteel. For Stairways. Woodbridge Ornamental Iron Company. 30,020; Mar. 2.
Reliable Rug Renovator. For a Liquid Cleaner For Rugs, Clothing, Etc. N. J. Gosselin. 29,999; Mar. 2.
Rollik. For Knitwear. Robert Lewis Mills, Inc. 30,010; Mar. 2.
6 Pound Special. For Canned Apples. Olympia Canning Co. 30,009; Mar. 2.
Snappy Maid. For Canned Celery. Ephraim Sanitary Canning Company. 29,991; Mar. 2.
Snow Peak. For Bicarbonate of Soda. Buckeye Soda Products Company. 29,987; Mar. 2.
Stilling's Tacoma Brick. For Ice Cream. Menasha Printing and Carton Company. 30,007; Mar. 2.
Tag-Hart Multi-Malt. For Malt Extract and Hop-Flavored Malt Extract. Tag Hart Malt Products Co. 30,015; Mar. 2.
Tag-Hart Oh Boy. For Malt Extract and Hop-Flavored Malt Extract. Tag Hart Malt Products Co. 30,013; Mar. 2.
Tag-Hart Physician's Club. For Malt Extract and Hop-Flavored Malt Extract. Tag Hart Malt Products Co. 30,014; Mar. 2.
Tasty Joy Cakes. For Candied Pop Corn. C. A. Yoder. 30,021; Mar. 2.
Val De Luxe. For Cigars. Dorsa & Abruzzo. 29,989; Mar. 2.
Wee Dainties Hosiery. For Children's Stockings. C. Sarfert. 30,011; Mar. 2.
Welch's Grape Juice. For Grape Juice. Welch Grape Juice Company. 30,018; Mar. 2.
Welch's Grape Juice Club Size. For Grape Juice. Welch Grape Juice Company. 30,019; Mar. 2.
Wonsixty—The Price and the Name are the Same—$1,60. For Hosiery. Vernon Hosiery Mills. 30,017; Mar. 2.
World's Fair. For Mops. M. D. Fiscle. 29,993; Mar. 2.
Young's Life-Giving Bread. For Bread. Young's Market Company. 30,022; Mar. 2.
Zion Chocolate Cream Egg. For Candy. Milwaukee Paper Box Co. 30,008; Mar. 2.

ALPHABETICAL LIST OF PRINTS.

A Curious fact about Your Child's Success. For Wheat Breakfast Food. Cream of Wheat Co. 8,594; Mar. 2.
An Exceptionally Fine Tooth Brush. For the Bonner Toothbrush. De Vilbiss Mfg. Co. 8,597; Mar. 2.
Can You Buck The Line of Winter? For Men's and Boys' Underwear. Wright's Underwear Company. 8,615; Mar. 2.
Cleans Well Wears Well. For the Bonner Toothbrush. De Vilbiss Mfg. Co. 8,598; Mar. 2.
Discovered—A Way To Make Ice Cream More Delicious. For Frozen Confections. Eskimo Pie Corporation. 8,601; Mar. 2.
Don't Let Winter Stack The Cards Against You! For Men's and Boys' Underwear. Wright's Underwear Company. 8,611; Mar. 2.
Giro Combination Jell-O. For a Dessert Preparation. Jell-O Company. 8,607; Mar. 2.
Health Saved is Money Saved! Wear Underwear Which Keeps You Well. For Men's and Boys' Underwear. Wright's Underwear Company. 8,613; Mar. 2.
Heinz Holiday Desserts—Ready. For Desserts. H. J. Heinz Company. 8,604; Mar. 2.
Heinz Ketchup is all Ketchup. For Tomato Catchup. H. J. Heinz Company. 8,606; Mar. 2.
How Heinz Protects the Housewife in the Foods She Buys. For Heinz 57 Varieties. H. J. Heinz Company. 8,605; Mar. 2.
Look At Your Hair. For Snowbrix Shampoo. J. C. Crowe. 8,596; Mar. 2.
'Mighty Oaks From Tiny Acorns Grow.' For Wheat Breakfast Food. Cream of Wheat Co. 8,595; Mar. 2.
Pathfinder Tire. For Vehicle Tires Composed Wholly or in Part of Rubber. Goodyear Tire & Rubber Company. 8,603; Mar. 2.
Philadelphia School Test That Surprised Mothers. For Wheat Breakfast Food. Cream of Wheat Co. 8,591; Mar. 2.
Refresh Yourself. For Coca-Cola. Coca-Cola Company. 8,589; Mar. 2.
Sanek Celiucotton Neck Strips. For Sanitary Neck Strips. Kimberly-Clark Company. 8,608; Mar. 2.
School Authorities Ask You. For Wheat Breakfast Food. Cream of Wheat Co. 8,592; Mar. 2.
Stop! Traffic Closed to Winds and Cold. For Men's and Boys' Underwear. Wright's Underwear Company. 8,617; Mar. 2.
Style Must Always Rest On Quality. For Stationery. Eaton, Crane & Pike Co. 8,600; Mar. 2.
Teachers Urge Mothers. For Wheat Breakfast Food. Cream of Wheat Co. 8,593; Mar. 2.
The Super-Value Store, 1,000 Store Buying Power, Super-Worth Clothes, 1,000 Store Overall. For Clothing. L. A. Lepke. 8,609; Mar. 2.
The Wide-Awake. For Books and Stationery. A. M. Olcott. 8,610; Mar. 2.
Warmth is Health and Health is Wealth. For Men's and Boys' Underwear. Wright's Underwear Company. 8,612; Mar. 2.
Well Made Well Shaped. For the Bonner Toothbrush. De Vilbiss Mfg. Co. 8,599; Mar. 2.
Will Winter Win? Or You? For Men's and Boys' Underwear. Wright's Underwear Company. 8,616; Mar. 2.
Y & S Wind-Up Sale. For Coats, Dresses, Hand Bags, Hosiery, Gloves, and Bath Robes. Yalisove & Sigmund. 8,618; Mar. 2.
You Protect Your Stock Because They Mean Money—How About Your Self? For Men's and Boys' Underwear. Wright's Underwear Company. 8,614; Mar. 2.
Your Child's Best Friends. For Wheat Breakfast Food. Cream of Wheat Co. 8,590; Mar. 2.
Your Picture of Today Will Be the Keepsake of Tomorrow. For Pictures and Picture Frames. J. R. Foster. 8,602; Mar. 2.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Clays to mix with molding sand for the purpose of renewing its usefulness, Blending. New York & Pennsylvania Clay Products Co. 216,631; Mar. 2.
Coal. Blackwood Coal and Coke Company. 222,780; Mar. 2.
Fur skins, hides, and pelts. Best & Co. 223,275; Mar. 2.

CLASS 2.

Pails, milk cans, bread boxes, etc. Lisk Manuf'g Co. Limited. 225,269; Mar. 2.
Pails, milk cans, bread boxes, etc. Reed Manufacturing Co. 225,282; Mar. 2.
Paper. Products. Ideal Cup Corporation. 224,605; Mar. 2.

CLASS 4.

Buff wheels. Williamsville Buff Manufacturing Company. 225,154; Mar. 2.
Soap. R. C. Sanford. 225,320; Mar. 2.
Soaps. Joseph Gutradt Company. 225,227; Mar. 2.
Soaps. Joseph Gütradt Company. 225,264; Mar. 2.

CLASS 6.

Acids, Fatty. E. Rauh and Sons Company. 206,976; Mar. 2.
Antiseptic in tablet form. Le Frane Laboratories, Inc. 226,106; Mar. 2.
Antiseptics and germicides. Detroit Dental Manufacturing Co. 226,340; Mar. 2.
Atropine sulphate, iron and ammonia citrate, magnesium sulphate, etc. Associated Physicians Laboratories. 223,881; Mar. 2.
Bath salts. Darling Products, Inc. 226,048; Mar. 2.
Castor-oil emulsion. F. J. Feldhahn. 226,189; Mar. 2.
Cathartic preparation. Cast-O-Jell Chemical Company. 202,925; Mar. 2.
Chemical compounds for absorbing moisture in steel and organic-combustion analysis. Arthur H. Thomas Company. 225,852; Mar. 2.
Cream, cleansing cream, face powder and rouge, Cold. J. Baalmann. 209,269; Mar. 2.
Cream, Healing. M. H. Williams. 226,268; Mar. 2.
Dentifrices. J. O. McCall. 226,010; Mar. 2.
Hair tonic. I. Weinberg. 225,900; Mar. 2.
Insecticides. Komo Chemical Co., Inc. 222,617; Mar. 2.
Insecticides, disinfectants, and deodorants. Niagara Alkali Company. 224,258; Mar. 2.
Laxative pills, arsenated iron tablets, indigestion treatment, etc. C. K. Baer. 223,888; Mar. 2.
Laxatives, Chewing-gum. Blackstone Manufacturing Company. 220,174; Mar. 2.
Lotion, After-shaving. J. K. Mills & Co. 225,370; Mar. 2.
Medical preparation for the treatment of skin diseases. F. M. DeMorales. 224,181; Mar. 2.
Medicinal preparation. Wilson-Hughes Drug Co. 192,655; Mar. 2.
Medicinal saline preparation for human use. J. C. Eno, Limited. 222,065; Mar. 2.
Medicinal tablets. Scientific Products, Inc. 226,081; Mar. 2.
Medicine for treatment of rheumatism. Dale & Dale. 224,811; Mar. 2.
Medicines and chemical treatment material for pyorrhea. Sun Chemical Co. 215,600; Mar. 2.
Moth preventive. V. Manzke. 225,668; Mar. 2.
Oil, Medicinal. W. A. Bailey. 224,493; Mar. 2.
Oils, Hair. M. M. Lerner. 223,966; Mar. 2.
Perfumes. Milton Cahn & Company. 223,766; Mar. 2.
Perfumes. Nyal Company. 228,799; Mar. 2.
Perfumes, toilet water, face lotions, and creams, rouges, etc. Storfer Laboratories Inc. 225,894; Mar. 2.
Powder, Reducing. P. M. Fox. 226,101; Mar. 2.
Powder, Talcum. Pie-Jur Products Co. 226,302; Mar. 2.
Powders and creams, toilet waters, etc., Face. M. Kominsky. 226,150; Mar. 2.
Powders, creams, and packs, rouges, etc., Face. V. Vivandou. 224,887; Mar. 2.
Powders, toilet waters, rouges, etc., Face. Maté, Inc. 226,296; Mar. 2.
Preparation for coughs, colds, etc. N. G. Diener. 225,255; Mar. 2.
Preparation for the prevention and treatment of venereal diseases. Goodwin Laboratories, Incorporated. 225,090; Mar. 2.
Remedy for constipation. Brown Manufacturing Co. 225,868; Mar. 2.
Remedy, Pile. J. J. Horn. 225,362; Mar. 2.
Renovator, Liver. F. J. Schmidt. 226,168; Mar. 2.
Salt for the treatment of nutritional disorders, Effervescent. Upjohn Company. 226,314; Mar. 2.
Salve or plaster for treating cancer. E. E. Cook. 225,871; Mar. 2.
Shampoo, Scalp and hair. G. G. Roloff. 207,475; Mar. 2.
Solvent for drain pipes and the like. S. Gross. 224,703; Mar. 2.
Solvents, cleanser, water softener, and boiler compound. A. Cameron. 224,901; Mar. 2.
Tonic and intestinal eliminant. L. A. Hopkins Medicine Co. 226,103; Mar. 2.

CLASS 9.

Cartridges, Rifle. Western Cartridge Company. 222,896; Mar. 2.
Matches. National Hosiery Company. 222,992; Mar. 2.

CLASS 12.

Cement base flooring material, Portland. Made-Rite Products Co. 217,793; Mar. 2.
Houses, Ready-cut. Lewis Manufacturing Co. 222,330; Mar. 2.
Lumber, Bundled. Whitney Company. 196,041; Mar. 2.
Roofing material. Wenatchee Lumber Company. 224,167; Mar. 2.
Stone products, Artificial-. Saffert Cement Construction Company. 206,543; Mar. 2.

CLASS 13.

Antiskid chains for automobiles and mud hooks. Universal Skid-less Chain Company. 221,724; Mar. 2.
Cable joints, Joint filling nipples for sleeves of electric-. Engineering Products Corporation, Inc. 223,289; Mar. 2.
Card holder. W. M. Adams. 223,498; Mar. 2.
Cylinders, metal casings, metal tubing, etc., Seamless hollow. Harrisburg Pipe & Pipe Bending Co. 224,246; Mar. 2.
Metal fence posts. American Steel and Wire Company of New Jersey. 213,352; Mar. 2.
Valves. Duro Pump and Manufacturing Company. 220,510; Mar. 2.
Valves and parts thereof, Steam. Dri-Steam Valve Corporation. 225,598; Mar. 2.
Wire fencing, spiral wire pickets, hitching posts, etc., Woven-. Cyclone Fence Company. 223,117; Mar. 2.

CLASS 14.

Forgings, Drop. Harrisburg Pipe & Pipe Bending Co. 224,245; Mar. 2.
Gold and silver leaf mounted on a roll of paper, Imitation. Peerless Roll Leaf Co. 224,352; Mar. 2.
Steel forms for concrete construction work. Hotchkiss Steel Products Co., Inc. 214,868; Mar. 2.

CLASS 15.

Oils and lubricating oils, Fuel. A. T. Locke. 224,668; Mar. 2.
Petroleum products. Brooks Oil Company. 225,465; Mar. 2.

CLASS 16.

Enamel finish, lacquer, and varnish. "Arto" Manufacturing Company. 225,250; Mar. 2.
Enamel, floor oil, and aluminum bronze, auto and furniture wax polish, etc., Tire. S. J. Dalzeile. 219,064; Mar. 2.
Paint and enamel remover. J. B. Ford Company, The. 215,976; Mar. 2.
Paint and varnish remover. Payson Varnish Co. 216,691; Mar. 2.
Paint enamels, dried paste and ready-mixed paint, and finishing materials, etc. Red Spot Paint & Varnish Company. 216,215; Mar. 2.
Paint enamels, paint and varnish thinners, and lacquers. Acme White Lead & Color Works. 213,759; Mar. 2.
Paints and varnishes, Mixed. U. S. Technical Products Company. 225,151; Mar. 2.

CLASS 17.

Cigarettes. Cavander's, Limited. 225,505; Mar. 2.
Cigars. E. Goss & Company. 208,291; Mar. 2.
Cigars. Schloss & Kahn Grocery Co. 218,669; Mar. 2.
Tobacco, Leaf. Tobacco Rehandling Co. 223,069; Mar. 2.

CLASS 19.

Strap hangers, propellers, windshields, and porthole lights. Bakelite Corporation. 222,426; Mar. 2.
Vehicle, Bodies for motor. Superior Motor Coach Body Company. 223,556; Mar. 2.
Ventilators for vehicles. J. H. Parsons. 224,350; Mar. 2.

CLASS 21.

Antennæ, Loop. Englishman-Whitman Products. 222,978; Mar. 2.
Electric accumulators, and accumulator boxes. Walter Haddon. 216,597; Mar. 2.
Electric-light sockets, Molded. Molded Socket Corporation. 223,250; Mar. 2.

Flatirons, waffle molds, and toasters, Electrically-heated. Bersted Manufacturing Company. 206,509; Mar. 2.
Heaters, Electric air. Westinghouse Electric and Manufacturing Company. 219,214; Mar. 2.
Radio antennæ. Federal Radio Company Limited. 224,239; Mar. 2.
Radio apparatus. American Bosch Magneto Corporation. 219,569; Mar. 2.
Radio control mechanism, indicators, dials, knobs, pointers, etc. Kurz-Kasch Company, The. 223,585; Mar. 2.
Radio loud speakers and phonograph adapter units. Airex Manufacturing Company. 221,656; Mar. 2.
Radio receiving sets, Adapter units for. Radio Equipment Company. 219,645; Mar. 2.
Radio receiving sets and component parts thereof. Machine Specialty Company. 225,127; Mar. 2.
Radio receiving sets, loud speakers, etc. Reichmann Company. 217,962; Mar. 2.
Radiotubes. Sylvania Products Company. 225,247; Mar. 2.
Sound-amplifying devices. Apollo Radio Horn Company. 205,925; Mar. 2.
Tape, Friction. Boston Woven Hose & Rubber Company. 228,893; Mar. 2.
Telephones, Soundproof mouthpiece for. M. Meyerson. 224,145; Mar. 2.
Trolley-line materials, Electric. Electric Railway Equipment. 198,512; Mar. 2.

CLASS 22.

Rattles, Baby. Irwin & Co., Inc. 223,093; Mar. 2.
Wagons, cars, automobiles, etc., Juvenile iron, wood, and all-steel coaster and express. Gendron Wheel Co. 216,189; Mar. 2.

CLASS 23.

Blowers and shavings and dust collecting systems. Invincible Blow Pipe Co. 225,095; Mar. 2.
Core drills, disk-bit shanks, fishtail bits, etc. Allen and Courtney Oil Tool Company. 218,589; Mar. 2.
Engines and rams, Hydraulic. Rife Hydraulic Engine M'f'g Co. 224,205; Mar. 2.
Filters for use on internal-combustion engines and air compressors, Air and gas. O. V. Greene. 219,665; Mar. 2.
Jacks, Fluid and hydraulic. Oil Jack Company. 223,541; Mar. 2.
Machinery, Hat. United States Hat Machinery Corporation. 222,052; Mar. 2.
Motors and parts thereof, Internal-combustion. Adolph Saurer, Inc. 220,680; Mar. 2.
Pistons. Fermite Piston Co. 225,053; Mar. 2.
Sewing machines, Electric. Free Sewing Machine Company. 222,739; Mar. 2.
Shovels and cranes, Mobile power. Universal Crane Company. 218,152; Mar. 2.
Slicers, Cake. E. H. Brooks. 222,572; Mar. 2.
Turbines, Wind. Herbert E. Bucklen Corporation. 218,781; Mar. 2.
Washers, an apparatus for washing carrots, turnips, etc., Root. Frank Held Tractor Co. 223,034; Mar. 2.

CLASS 24.

Ironing machines. Utensils Company. 219,921; Mar. 2.
Washing machines, Power-operated clothes-. Nineteen Hundred Washer Company. 220,293; Mar. 2.

CLASS 26.

Burners, Bunsen. Amalgamated Dental Company, Limited. 222,772; Mar. 2.
Gauges for steam boilers, tanks, reservoirs, and other liquid containers. G. Ernst. 223,777; Mar. 2.
Photographic film and announcement slides for projector machines. J. V. Smith. 203,908; Mar. 2.

CLASS 27.

Watch movements and parts of watches. Guerrin, Bourquin & Cie. Fabrique d'Ebauches Aurore à Villeret. 221,315; Mar. 2.
Watches. R. H. Macy & Co. 223,646–7; Mar. 2.
Watches. O. Maire, Inc. 220,064; Mar. 2.

CLASS 28.

Pearl necklaces. Trifari & Krussman, Inc. 224,037; Mar. 2.
Precious metal, Articles made wholly or in part of. Robbins Company. 222,191; Mar. 2.

CLASS 29.

Toothbrushes. Plough Chemical Company. 208,311; Mar. 2.

CLASS 30.

Pottery. North State Pottery Company. 225,028; Mar. 2.

CLASS 32.

Filing cabinets, cupboards, stands, etc. Library Bureau. 211,688; Mar. 2.
Furniture, Nursery. Best & Co. 223,278; Mar. 2.
Mattresses. A. Neiman & Co. 223,735; Mar. 2.
Mattresses, pillows, and box springs. Myrtle Mattress Company. 183,935; Mar. 2.
Pillows, fancy cushions, chair seats, and automobile cushions. L. I. Katzner. 221,119; Mar. 2.
Radio cabinets, casings, containers, tables, and supports. C. S. Beardsley. 219,368; Mar. 2.

CLASS 34.

Candlesticks, lamp stands, bases, and uprights, pendants, etc. Bakelite Corporation. 222,429; Mar. 2.
Heaters and gas hot-water-storage systems, Gas. Pittsburg Water Heater Company. 202,142; Mar. 2.
Lamp shades. Argiomaco, Inc. 224,225; Mar. 2.
Stoves, Gas. Detroit Vapor Stove Co. 224,182; Mar. 2.
Welding, cutting, brazing, soldering, lead burning, and carbon burning, and parts thereof, Equipment for. Bastian-Blessing Company. 217,853; Mar. 2.

CLASS 35.

Brake and transmission linings. Durwyllan Co. 224,602; Mar. 2.

CLASS 36.

Harmonicas, Mouth. Hohner, M., Inc. 214,249; Mar. 2.
Musical instruments and supplies. Polly Portable Phonograph Co. 219,683–4; Mar. 2.
Phonographs. M. Waterson. 210,593; Mar. 2.
Reeds for wind musical instruments. Simson & Frey, Inc. 222,284; Mar. 2.
Ukuleles. L. Nunes. 222,866; Mar. 2.
Ukuleles, banjos, mandolins, guitars, and banjo ukuleles. Bruno, C., & Son, Inc. 216,587; Mar. 2.

CLASS 39.

Apparel, Children's wearing. Mirsky & Lewis. 217,947; Mar. 2.
Apparel, Ladies' wearing. Triangle Apparel Co. 224,305; Mar. 2.
Belts and scarfs, shoulder straps, rain capes, etc. Girl Scouts. 206,967; Mar. 2.
Boots and shoes, Leather. Helmholz Shoe Manufacturing Company. 225,658–9; Mar. 2.
Boots and shoes of leather. International Shoe Company. 225,609; Mar. 2.
Boots, Leather. J. Fenton. 225,603; Mar. 2.
Caps. A. Reinhold. 224,532; Mar. 2.
Caps, Men's and boys'. A. D. Feldstein. 225,509; Mar. 2.
Clothing, Work. Wyman, Partridge & Co. 224,370; Mar. 2.
Coats, Ladies' and misses' sport. Kirshner & Alexander. 225,610; Mar. 2.
Coats, vests, pants, overcoats, and topcoats, Men's. Londontown Clothes, Inc. 225,830; Mar. 2.
Coats, vests, pants, sweaters, etc. F. R. Tripler & Co. 223,489; Mar. 2.
Corsets. Jay Thorpe, Inc. 225,559; Mar. 2.
Corsets, brassières, etc. Jackson Corset Company. 224,509–10; Mar. 2.
Corsets, Ladies'. Nu-Bone Corset Company. 212,022; Mar. 2.
Dresses. C. A. Hall. 218,637; Mar. 2.
Dresses. Lindner Co'y. 225,123; Mar. 2.
Dresses, coats, cloaks, and suits, Ladies' and misses'. Julia Hoyt Modes, Inc. 222,926; Mar. 2.
Furnishings, undergarments, and clothing, dresses, corsets, sport suits, etc. Franklin Simon & Co., Inc. 216,386; Mar. 2.
Garters. De Luxe Novelty Co. 224,747; Mar. 2.
Gloves. H. M. Smaltz. 225,683; Mar. 2.
Gloves, Leather. W. Stevens. 224,483; Mar. 2.
Hats, Ladies'. Abe N. Adelson, Inc. 225,856; Mar. 2.
Hats, shoes, slippers, etc. Best & Co. 223,279; Mar. 2.
Hosiery. Harron Hosiery Company. 225,513; Mar. 2.
Hosiery. Largman, Gray Company. 224,978; Mar. 2.
Hosiery. Massachusetts Knitting Mills. 213,794; Mar. 2.
Hosiery. Moore & Fisher, Inc. 225,567; Mar. 2.
Hosiery. Peck & Peck. 224,617–18; Mar. 2.
Hosiery. R. A. Pilcher Co. 225,731; Mar. 2.
Hosiery. Theme Hosiery Company. 222,095; Mar. 2.
Hosiery. N. J. Thompson & Co. 225,384; Mar. 2.
Hosiery, underwear, and shoes. U-C-It Hosiery Co. 222,965; Mar. 2.
Leather soles, taps, and slip soles. Penn Leather Company. 225,800; Mar. 2.
Overall union suits and overalls. J. B. Colvin. 224,903; Mar. 2.
Overalls. S. H. Berman. 224,944; Mar. 2.
Overalls. E. A. Jones. 225,019; Mar. 2.
Overalls, shirts, pants, jumpers, and unionalls. Bayly-Underhill Mfg. Co. 224,893; Mar. 2.
Overalls, unionalls, pants, shirts, jackets, and jumpers. H. Rosenblatt & Sons, Inc. 224,932; Mar. 2.
Overshoes and galoshes. Converse Rubber Shoe Co. 225,350; Mar. 2.
Pants, suits, and overcoats, Men's. L. Latin & Company. 225,266; Mar. 2.
Pockets for clothing, Detachable. L. H. Levinton. 225,828; Mar. 2.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Shirts. Cluett, Peabody & Co., Inc. 225,589; Mar. 2.
Shirts. Cluett, Peabody & Co., Inc. 225,591; Mar. 2.
Shirts. Cluett, Peabody & Co., Inc. 225,593–5; Mar. 2.
Shirts. Elder Manufacturing Company. 192,212; Mar. 2.
Shirts and pyjamas, Men's and boys'. L. Baskind. 225,696; Mar. 2.
Shirts, blouses, nightshirts, and pyjamas. S. Liebovitz & Sons Inc. 224,919; Mar. 2.
Shirts, overalls, pants, sweaters, etc. Levi Strauss & Co. 211,216; Mar. 2.
Shirts, pyjamas, and boys' blouses. S. Liebovitz & Sons Inc. 224,918; Mar. 2.
Shirts, pyjamas, collars, neckties, etc. Howard A. Geiger Company. 188,629; Mar. 2.
Shirts, undershirts, blouses, etc. Elder Mfg. Co. 194,593; Mar. 2.
Shoes. Harry Eby Shoe Co. 225,601; Mar. 2.
Shoes. New York Merchandise Company. 225,798; Mar. 2.
Shoes, Leather. Forbush Shoe Company. 225,511; Mar. 2.
Shoes, slippers, pumps, and sandals. Williams-Marvin Company. 225,536; Mar. 2.
Suits, overcoats, and topcoats. Lester Rothschild & Co. 222,706; Mar. 2.
Underwear and gloves. Brunstaedt Company. 221,233; Mar. 2.
Underwear, Children's nainsook. Florala Manufacturing Co. 224,085; Mar. 2.
Underwear, Knitted and textile. G. J. Requardt. 202,079; Mar. 2.

CLASS 40.

Braid, Narrow elastic. Rhode Island Web Company. 224,673; Mar. 2.
Elastic. I. Goldberg. 221,815; Mar. 2.
Fasteners for footwear, leggings, and gaiters, Metal. C. D. Nixon. 208,005; Mar. 2.
Fringes (textile). American Fringe Mills, Inc. 224,856; Mar. 2.
Shoe laces, shoe ribbons, and shoe buckles. Pedox Produx, Inc. 217,289; Mar. 2.

CLASS 42.

Blankets, Cotton. Beacon Manufacturing Company. 207,609; Mar. 2.
Cloths and stuffs of wool, worsted, and hair. G. & G. Kynoch, Limited. 219,337; Mar. 2.
Cotton and cotton and artificial piece goods. Mills & Gibb Corp. 219,131; Mar. 2.
Cotton piece goods. Denzer & Nathan, Inc. 205,995; Mar. 2.
Cotton piece goods. Loeffler, Brewer & Co. 224,462; Mar. 2.
Cotton piece goods. Meridian Textile Corporation. 226,107; Mar. 2.
Cotton, silk, satin, and velvet piece goods. J. Einstein, Inc. 225,999; Mar. 2.
Fabrics in the piece, Pile. A. T. Baker & Co. 226,221–2; Mar. 2.
Hair nets. H. Simon. 225,056; Mar. 2.
Padding for laundry machinery rolls, Knitted cotton. Tingue, Brown & Co. 225,046; Mar. 2.
Ribbon for securing bouquets of flowers, Gauze. O. Lion. 218,707; Mar. 2.
Rugs and carpets. Klearflax Linen Looms, Inc. 205,071; Mar. 2.
Rugs and carpets. Klearflax Linen Looms, Inc. 206,530; Mar. 2.
Sateens and venetians, being cotton piece goods. Bradford Dyers' Association, Limited. 223,079; Mar. 2.
Silk piece goods. Zollinger & Schroth, Inc. 225,904; Mar. 2.
Silk woven cloth in the piece, All-. B. Edmund David, Inc. 208,700; Mar. 2.

CLASS 44.

Atomisers. C. H. Hartman. 207,352; Mar. 2.
Dental apparatus and supplies. Amalgamated Dental Company, Limited. 222,773; Mar. 2.
Dental models and investments, Composition for making hard refractory. L. J. Weinstein. 223,206; Mar. 2.
Toothpicks. Plee-Zing Corporation, The. 215,479; Mar. 2.

CLASS 45.

Beverage sold as a soft drink, and extracts and sirups for making the same, Maltless. A. Kanner. 220,783; Mar. 2.
Water, Bottled. Los Angeles Ice & Cold Storage Company. 219,971; Mar. 2.
Water, Distilled. Los Angeles Ice & Cold Storage Co. 215,074; Mar. 2.

CLASS 46.

Antipasto. Fratelli Garosci Di Gio. 222,671; Mar. 2.
Apples, Fresh. A. E. Ferguson. 212,547; Mar. 2.
Bread. Langendorf Baking Company. 209,091; Mar. 2.
Butter. A/S L. E. Bruun. 221,089; Mar. 2.
Butter, eggs, and cheese. Fred L. Hilmer Company. 221,664; Mar. 2.
Candies, Chocolate. San-Man Chocolates Co. 22,941; Mar. 2.
Candy. Bradley, Smith Co. 225,911; Mar. 2.
Candy. Liberty Candy Co. 224,252; Mar. 2.
Candy bar. Shotwell Mfg. Co. 225,808–10; Mar. 2.
Candy bars. American Beverage & Candy Co. 207,164; Mar. 2.
Candy, Chocolate. Bishop & Company. 220,593; Mar. 2.
Canned natural tomato sauce and fresh Italian peeled tomatoes. G. Rinaldi Fu Nicola. 220,471; Mar. 2.
Canned vegetables and fruits, olives, peanut butter, etc. Manhattan Wholesale Grocery Company. 219,293; Mar. 2.
Canned vegetables, canned fruits, canned fish, catchup, fruit preserves, etc. Jaburg Bros. Inc. 214,823; Mar. 2.
Chocolate, Shredded. Rockwood & Co. 225,979; Mar. 2.
Coffee. Hoffmann-Hayman Coffee Company. 225,262; Mar. 2.
Coffee and tea. E. B. Millar & Company. 225,795; Mar. 2.
Eggs. Plankinton Packing Company. 210,982; Mar. 2.
Eggs and coffee. A. B. C. Stores, Incorporated. 203,774; Mar. 2.
Extracts, Flavoring. Crescent Manufacturing Company. 224,860; Mar. 2.
Extracts, Food-flavoring. Frank E. Harris Co. 224,387–8; Mar. 2.
Extracts, Food-flavoring. Frank E. Harris Co. 224,391; Mar. 2.
Extracts, Food-flavoring. Frank E. Harris Co. 224,506; Mar. 2.
Fish. Maritime Fish Corporation, Limited. 220,550; Mar. 2.
Flour. Cudick Milling Company. 220,638; Mar. 2.
Flour composed of oats and wheat. C. E. Taylor. 217,054; Mar. 2.
Food, Breakfast. S. H. Perky. 212,397; Mar. 2.
Food, Prepared. Kellogg Company. 206,670; Mar. 2.
Foods for cows, pigs, sheep, horses, poultry, and cage birds. North Shore Mill Company, Ltd. 223,540; Mar. 2.
Fruit cake, potato chips, angel food, etc. L. Simon. 224,882; Mar. 2.
Fruit, Protective composition for treating. Broydex Company. 188,527; Mar. 2.
Fruits, Fresh deciduous. M. R. Dean. 214,534; Mar. 2.
Ginger, stem ginger, preserved kumquats, etc., Crystallized. E. C. Rich, Inc. 225,844; Mar. 2.
Ginger, stem ginger, preserved kumquats, etc., Crystallized. E. C. Rich, Inc. 225,846; Mar. 2.
Ice creams and sherbets. Pangburn Company. 218,271; Mar. 2.
Macaroni, tomato paste, canned tomatoes, canned fruits, etc. J. Di Santo. 216,155; Mar. 2.
Mustard or chowchow sauce, Prepared. Charles Gulden, Inc. 223,438; Mar. 2.
Oranges, lemons, and grapefruit. C. D. Hubbard Fruit Co. 222,251; Mar. 2.
Oranges, lemons, and grapefruit. A. M. Pratt. 220,800; Mar. 2.
Oranges, lemons, and grapefruit. A. M. Pratt. 220,802; Mar. 2.
Oranges, lemons, and grapefruit. Santiago Orange Growers Association. 219,849; Mar. 2.
Powder, Skim-milk. Gould Cream Company. 216,174; Mar. 2.
Sandwiches. C. V. Cowan. 218,002; Mar. 2.

CLASS 48.

Beverage, Cereal malt. New England Brewing Co. 216,688; Mar. 2.
Extracts, Food-flavoring. Frank E. Harris Co. 224,381–3; Mar. 2.
Malt sirup, Nonalcoholic. F. J. Reysz. 225,055; Mar. 2.

CLASS 50.

Mats made of rubber products and fabrics, Foot. Pierce-Arrow Motor Car Company. 212,400; Mar. 2.
Pedal pad. Pierce-Arrow Motor Car Company. 212,398; Mar. 2.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 2D DAY OF MARCH, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abendroth, Elmer T. (See Thompson, R. G., and Abendroth.)
Acheson, George W., Caldwell, N. J. Refining and decolorizing bitumens. 1,574,742; Mar. 2.
Ackley, Raymond E. (See Alger, H. C., and Ackley.)
Acme Card System Company. (See Hutchings, Leroy E., assignor.)
Acme Card System Company. (See Johnston, Frank H., assignor.)
Acme Card System Company. (See Powell, Frank D., assignor.)
Acme Steel Company. (See Kronquest, William C., assignor.)
Adams, Jefferson O., Rayne, La. Harness. 1,575,515; Mar. 2.
Adler, Cyrus L., Louisville, Ky. Radio console cabinet. Des. 69,552; Mar. 2.
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Translating circuits. 1,574,779; Mar. 2.
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Modulation. 1,574,780; Mar. 2.
Ahern, William, Sydney Mines, Nova Scotia, Canada. Door lock. 1,575,516; Mar. 2.
Ahldin, David, assignor, by mesne assignments, to Dunham Manufacturing Company, Chicago, Ill. Compressed-gas cylinder. 1,575,306; Mar. 2.
Aiken, Edward L., East Orange, N. J. Terminal post. 1,574,744; Mar. 2.
Akron Rubber Mold & Machine Company. (See Williams, Thomas H., assignor.)
Aktiebolaget Bofors. (See Svensson, S. H., and Engkvist, assignors.)
Aktiengesellschaft Brown, Boveri and Cie. (See Jonas, J., and Seitz, assignors.)
Aktiengesellschaft für Ozon Industrie. (See Graef, Reinhold, assignor.)
Albright, Asa I., and F. L. Myatt, Monroe, La. Springperch remover. 1,575,517; Mar. 2.
Alchin, Albert E., Perth Amboy, N. J. Gauge box for ice-cream freezers. 1,574,743; Mar. 2.
Alderson, W. E., et al. (See Mayberry, John A., assignor.)
Alexander, Eva, administratrix. (See Day, Herbert B.)
Alexander, John E., et al. (See White, Alfred H., assignor.)
Alger, Harley C., and R. E. Ackley, assignors to R. R. Donnelley & Sons Company, Chicago, Ill. Drilling machine. 1,575,308; Mar. 2.
Allen, Albert, Bangor, Me., assignor to Eastern Manufacturing Company, Boston, Mass. Watermarking paper and adjunct therefor. 1,575,518; Mar. 2.
Aluminum Company of America. (See Norton, Allen B., assignor.)
Amalgamated Roofing Company. (See Maclean, Robert, assignor.)
American Can Company. (See Hothersall, John M., assignor.)
American Can Company. (See Nordquist, Ronald E. J., assignor.)
American Can Company. (See Peck, Carl F., assignor.)
American Can Company. (See Tevander, Swan N., assignor.)
American Casting and Manufacturing Corporation. (See Dietze, Emil, assignor.)
American Fabrics Company. (See Page, Samuel H., assignor.)
American Flyer Manufacturing Company. (See Becker, Harry S., assignor.)
American-Hardware Corporation, The. (See Hurd, Norman B., assignor.)
American Laundry Machinery Company, The. (See Johnson, George W., assignor.)
American Metal Products Co. (See Snell, Samuel A., assignor.)
American Optical Company. (See Hill, Harry W., assignor.)
American Optical Company. (See Maynard, Albert E., assignor.)
American Optical Company. (See Poeton, Lawrence, assignor.)
American Ordnance Corporation. (See Davison, G. C., and Caulkins, assignors.)
American Telephone and Telegraph Company. (See Affel, Herman A., assignor.)
American Telephone and Telegraph Company. (See Barton, Henry A., assignor.)
American Telephone and Telegraph Company. (See Gannett, Danforth K., assignor.)
Ames, Ralph L., Detroit, Mich. Vehicle signal. 1,575,404; Mar. 2.
Amity Leather Products Co. (See Rolfs, Robert H. and H. J., assignors.)
Amsler, Alfred, Schaffhausen, Switzerland. Testing machine. 1,575,519; Mar. 2.
Anchor Post Iron Works. (See Blaeser, Alfred, assignor.)
Anderson, Daniel, Rockford, Ill. Micrometer height gauge. 1,575,246; Mar. 2.
Anderson, Gideon, New York, N. Y. Vent valve. 1,575,247; Mar. 2.
Anderson, Gust, Rockford, Ill. Hall clock. Des. 69,563; Mar. 2.
Anderson, James S. (See Karpinsky, S., and Anderson.)
Anderson, Lars, Chicago, Ill. Rotary pump. 1,575,405; Mar. 2.
Anderson, William A., Los Angeles, Calif. Solar heating element. 1,575,309; Mar. 2.
Anderson, William J., Duluth, Minn. Meat chopper. 1,575,406; Mar. 2.
Andresen, Halvor, et al. (See Cage, John M., assignor.)
Andrews, James A., et al. (See Gagnon, Alexandre, assignor.)
Andy, Jeremiah, Newington, Conn. Crossing gate. 1,575,248; Mar. 2.
Anketell, Edward N., assignor to The A. C. Gilbert Company, New Haven, Conn. Sewing-machine motor. 1,574,745; Mar. 2.
Ansco Photoproducts, Inc. (See Jansson, Theodore A., assignor.)
Anthes, Albert N., assignor of one-half to R. F. Gunther, Quincy, Ill. Double-acting spring snub. 1,574,746; Mar. 2.
Archea, Walter D. (See Einstein, S., Nenninger, and Archea.)
Archea, Walter D., Norwood, assignor to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Work-carrying device for grinding machines. 1,575,520; Mar. 2.
Armbruster, Frederick W., jr., and G. C. Betlem, Rochester, N. Y. Humidifier for hot-air furnaces. 1,574,856; Mar. 2.
Ashleman, Adolph E., and T. E. Haney, Waco, Tex. Crank lock for box cars. 1,575,086; Mar. 2.
Ateliers H. Cuénod Société Anonyme, The. (See Juillard, Ernest, assignor.)
Atkins, Don C., Denver, Colo. Treating wood, metal, and concrete. 1,575,521; Mar. 2.
Auth, Charles, New York, assignor to E. L. Auth, Brooklyn, N. Y. Automatic battery-charging system. 1,574,747; Mar. 2.
Auth, Emma L. (See Auth, Charles, assignor.)
Auto Research Corporation. (See Bloom, Edgar J., assignor.)
Automatic Electric, Inc. (See Martin, Talbot G., assignor.)
Ayres, Arthur U. (See Jones, L. D., and Ayres.)
B and B Pipe Shops, Inc. (See Bardeen, Charles W., assignor.)
B. O. T. Mfg. Co. (See Tilden, Bert O., assignor.)
Bachmann, Alwin B., assignor to Keller Mechanical Engineering Corporation, Brooklyn, N. Y. Flexible-shaft bench grinder. 1,575,307; Mar. 2.
Baddiley, James, and W. W. Tatum, assignors to British Dyestuffs Corporation Limited, Manchester, England. Dyestuff of the anthraquinone series and making same. 1,574,748; Mar. 2.
Baden, Frederick. (See Stillman, Raymond H., assignor.)
Badgley, Gerald J., Brooklyn, N. Y., assignor to Duplex Motion Picture Industries, Inc. Casing for motion-picture projectors. Des. 69,554; Mar. 2.
Bailey, Albert, Brightwood, Mass. Backing-off attachment for lathes. 1,574,749; Mar. 2.
Baker, Andrew J., Tucson, Ariz. Crossing protector. 1,574,750; Mar. 2.
Baker, Frederick, assignor to Single Thread Lockstitch Machines Limited, London, England. Sewing. 1,575,186; Mar. 2.
Baltimore Trust Company, The, trustee. (See Sexton, William E., assignor.)
Bancel, Paul A., Nutley, assignor to Ingersoll-Rand Company, Jersey City, N. J. Surface condenser. 1,575,310; Mar. 2.

Baragwanath, Neysa M., New York, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,555; Mar. 2.

Barber-Colman Company. (See Marcellus, Brooks, assignor.)

Bardeen, Charles W., assignor to B and B Pipe Shops, Inc., Long Beach, Calif. Apparatus for annealing pipe. 1,575,087; Mar. 2.

Barkelew Electric Manufacturing Company. (See Denny, C. W., McLaughlin, and Helwig, assignors.)

Barker, Anson S., Minneapolis, Minn. Combined grain cross conveyer and dockage remover. 1,574,751; Mar. 2.

Barmack, Boris J., Chicago, Ill. Strain-insulator clevis. 1,575,407; Mar. 2.

Barneck, Russell E., St. Paul, Minn. Tightening device for flexible elements. 1,574,857; Mar. 2.

Barnes, John S., assignor to W. F. & John Barnes Company, Rockford, Ill. Variable-speed transmission mechanism. 1,575,027; Mar. 2.

Barnes, W. F. & John, Company. (See Barnes, John S., assignor.)

Barrett, James O., Meadville, Pa. Feed mechanism for facing machines. 1,575,522; Mar. 2.

Bartle, George H., New York, assignor to A. L. Kugel, Brooklyn, N. Y. Cap for a pencil or similar article. Des. 69,556; Mar. 2.

Bartlett, Alfred E., assignor of one-third to B. Spry and one-third to A. M. Cormier, Ogdensburg, N. Y. Guard for paper-winding machines. 1,575,088; Mar. 2.

Barton, Henry A., Princeton, N. J., assignor to American Telephone and Telegraph Company. Voice-operated repeater system. 1,574,781; Mar. 2.

Barton, Ralph, New York, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,557; Mar. 2.

Barton, Ralph, New York, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,558; Mar. 2.

Bassani, Laurent, Neuilly-sur-Seine, France, assignor, by mesne assignments, to Bassani Processes, Inc., New York, N. Y. Method of and apparatus for making negatives from which printing plates may be produced. 1,575,408; Mar. 2.

Bassani Processes, Inc. (See Bassani, Laurent, assignor.)

Bateman, Ralph E., Dayton, Ohio. Applying decorative coatings. 1,574,858; Mar. 2.

Bates, Albert H., Elgin, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Handle. 1,575,028; Mar. 2.

Baumann, Karl, Urmston, England, assignor to Westinghouse Electric and Manufacturing Company. Steam turbine. 1,574,859; Mar. 2.

Baumgarti, Leroy, assignor to Federal Cement Tile Company, Chicago, Ill. Skylight and roofing construction. 1,574,860; Mar. 2.

Baxter, Harold G., Baldwin, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Switch mechanism. 1,575,029; Mar. 2.

Beatty, Clarence E., Des Moines, Iowa. Automobile headlight. 1,575,523; Mar. 2.

Becker, Erich, Kladno, assignor to Poldihütte, Praha-Vinohrady, Czechoslovakia. Nonmagnetic steel. 1,574,782; Mar. 2.

Becker, Harry S., River Forest, assignor to American Flyer Manufacturing Company, Chicago, Ill. Clip for toy tracks. 1,575,089; Mar. 2.

Beckman-Dawson Roofing Company. (See Hofmann, William T., assignor.)

Beebe, Murray C., and A. Murray, Cincinnati, Ohio, assignors to The Wadsworth Watch Case Company, Dayton, Ky. Photographic sensitizer. 1,575,143; Mar. 2.

Behn, Guido G., Detroit, Mich. Making hood hinges for automobiles. 1,575,030; Mar. 2.

Behringer, Emil, Brooklyn, N. Y. Cooling holder for milk and the like. 1,574,861; Mar. 2.

Bell, John E. (See Isom, E. W., and Bell.)

Bell, John E., Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill. Method and apparatus for cracking oils under pressure. 1,575,031; Mar. 2.

Beloit Iron Works. (See Berry, E. E., and Ross, assignors.)

Bendix Brake Company. (See Dodge, Adiel Y., assignor.)

Bendixon, Elmer A., Chicago, Ill. Musical toy. 1,575,032; Mar. 2.

Benjamin, Philip, New York, N. Y., B. E. Steinhardt, Jersey City, N. J., and H. Liftin, New York, N. Y. Waterproof receptacle. 1,575,524; Mar. 2.

Benson, August, Chicago, Ill. Coating composition. 1,574,862; Mar. 2.

Benson, Frederick, San Francisco, Calif. Egg beater. 1,575,090; Mar. 2.

Bentley, Harry T. (See Michael, Loren P., assignor.)

Bentzon, Malcolm, Neuilly-sur-Seine, France. Machine for grinding lenses. 1,575,311; Mar. 2.

Berg, Albert. (See Rogers, Joel H., assignor.)

Berger, Samuel, Newark, N. J. Toy. Des. 69,559; Mar. 2.

Bernier, Ernest, assignor of one-half to J. B. Charette, Detroit, Mich. Ticket holder. 1,574,752; Mar. 2.

Berry, Earl E., and H. N. Ross, assignors to Beloit Iron Works, Beloit, Wis. Apparatus for removing condensate from revolving driers. 1,575,249; Mar. 2.

Bertels, Arnold S., Tenafly, N. J., and E. F. Trapp, Valley Stream, assignors to Western Electric Company, Incorporated, New York, N. Y. Automatic testing system for automatic telephone switches. 1,575,312; Mar. 2.

Best, Frank E., assignor to Frank E. Best, Inc., Seattle, Wash. Manually-releasable snap-latch-lock core-holding device. 1,575,091; Mar. 2.

Best, Frank E., assignor to Frank E. Best, Inc., Seattle, Wash. Lock face. 1,575,092; Mar. 2.

Best, Frank E., Inc. (See Best, Frank E., assignor.)

Beth, Evert W., The Hague, Netherlands. Process and device for regenerating water of aquaria. 1,574,783; Mar. 2.

Betlem, Gerard C. (See Armbruster, F. W., jr., and Betlem.)

Betz, William G., assignor to Straube Piano Co., Hammond, Ind. String plate for grand pianos. 1,574,863; Mar. 2.

Billins, Walter, Viola, Ark. Combined tractor and power plant. 1,574,864; Mar. 2.

Birchard, Pliny T. (See Brattain, Paul A., assignor.)

Bishop, Clarence, New Florence, Mo. Weeder for cultivators. 1,575,093; Mar. 2.

Bishop, Jacob W., Washington, Iowa. Ventilator. 1,575,144; Mar. 2.

Bishop, William K. (See Stannard, B. M., and Bishop.)

Blaeser, Alfred, Newark, assignor to Anchor Post Iron Works, Garwood, N. J. Name plate for wire fences. 1,575,409; Mar. 2.

Blanton, Mitchell L., assignor to F. J. McManaman, Denver, Colo. Pilot lamps for automobiles. 1,575,525; Mar. 2.

Bloom, Edgar J., Tiffin, Ohio, assignors, by mesne assignments, to Auto Research Corporation. Supply installation for central chassis lubrication. Re16,278; Mar. 2.

Bloser, Edward G., Los Angeles, Calif. Rubber heel. 1,575,313; Mar. 2.

Blumenthal, Emil, et al., trustees. (See Fagan, Lewis E., assignor.)

Bobst, Henri, Lausanne, Switzerland, assignor to Etablissements Marioni, Société Anonyme, Paris, France. Mechanism for the margining and the feeding of sheets to rotary machines. 1,574,784; Mar. 2.

Böcher, Karl, Brambauer, Germany. Method of and apparatus for cleaning and conserving hoist cables. 1,575,526; Mar. 2.

Boehmer, Gustavus H., St. Louis, Mo. Shoe last. 1,575,527; Mar. 2.

Bokum, William F., Jenkintown, assignor to Proctor and Schwartz, Incorporated, Philadelphia, Pa. Garnett machine. 1,575,528; Mar. 2.

Bollman, Hermann, Hamburg, Germany, assignor, by mesne assignments, to M. F. Foster, trustee, Washington, D. C. Increasing the durability of pure salad or sweet oils. 1,575,529; May 2.

Bonnet, François, Villefranche-sur-Saone, France. Machines for molding building blocks and the like. 1,574,753; Mar. 2.

Bothe, Andreas, Oreland, assignor to Kleen Products Company, Inc., North Wales, Pa. Fiber or like plates. 1,575,597; Mar. 2.

Boulton, Robert E., assignor to S. J. Boulton, Silt, Colo. Head-gate construction. 1,575,530; Mar. 2.

Boulton, Sadie J. (See Boulton, Robert E., assignor.)

Bousquet, Aurli, Southbridge, Mass. Tool holder. 1,575,314; Mar. 2.

Bowman, Newton K., Bowdil, Ohio. Mining-machine chain link and bit. 1,575,315; Mar. 2.

Bown, James, Death Valley, Calif. Storage tank. 1,575,033; Mar. 2.

Boyd, Louis, assignor to Boyd Shock Absorber Company, Shepherdsville, Ky. Shock absorber. 1,575,187; Mar. 2.

Boyd Shock Absorber Company. (See Boyd, Louis, assignor.)

Boykin, Burwell, jr., Beaumont, Tex. Pipe tongs for rotaries. 1,574,865; Mar. 2.

Brackett, John C., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Coal-cutting machine. 1,575,531; Mar. 2.

Bradley, Harry L., assignor to The Reliance Company, Milwaukee, Wis. Knob-securing means. 1,575,410; Mar. 2.

Bradshaw, Frank F., Yazoo City, Miss. Apparatus for delivering articles to aircraft. 1,575,145; Mar. 2.

Bramley, Matthew F., Cleveland, Ohio. Making pavement conformation. 1,574,754; Mar. 2.

Brandwood, John and J., Bury, England. Method of and apparatus for treating yarn. 1,574,785; Mar. 2.

Brandwood, Joseph. (See Brandwood, John and J.)

Braren, Lorenz K., assignor to the Firm Friedrich Deckel, Fabrik für Präzisionsmechanik und Maschinenbau, Munich, Germany. Speed-changing cam-driving mechanism. 1,574,786; Mar. 2.

Brattain, Paul A., assignor of one-half to P. T. Birchard, Seattle, Wash. Display card. 1,575,034; Mar. 2.

Brecknell, William H., Weston-super-Mare, England. Hand-operated press. 1,574,787; Mar. 2.

Breen, Charles A., Moose Lake, Minn. Lantern. 1,575,035; Mar. 2.

Breneman, Paul E., assignor to C. R. Wilson Body Company, Detroit, Mich. Attachable upholstery for vehicle bodies. 1,574,866; Mar. 2.

Bretzfelder, Israel E. and M. K., and J. Shady, assignors to Krakauer Bros., New York, N. Y. Piano-locking device. 1,575,532; Mar. 2.

Bretzfelder, Maurice K. (See Bretzfelder, Israel E. and M. K., and Shady.)

Brewer-Titchener Corporation, The. (See Stannard, B. M., and Bishop, assignors.)

Breyley, Edward W., assignor to The Friction Car Stop Company, Cleveland, Ohio. Connected friction car stop shoes. 1,575,411; Mar. 2.

Bridgeport Brass Company. (See Clark, Walter R., assignor.)

Brierley, Eustace C., Bath, England. Polishing device. 1,575,533; Mar. 2.

Bright, Harold E., Hamilton, New Zealand. Automatic outfall for the tidal discharge of sewage. 1,575,094; Mar. 2.

Brinson, Roma E., Atlantic City, N. J. Adjustable support. 1,575,534; Mar. 2.

British Dyestuffs Corporation Limited. (See Baddiley, J., and Tatum, assignors.)

Brittain, Thomas W., Long Beach, Calif. Oil-well pump. 1,575,250; Mar. 2.

Brost, Charles A. (See Lear, J., and Brost.)

Brouillette, Orice J., Galesburg, Ill. Traction chain. 1,575,535; Mar. 2.

Brown, George A., et al. (See Gail, George E., jr., assignor.)

Brown, Henry B., assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer mounting. Des. 69,560; Mar. 2.

Brown, Hugh S., Roselle Park, N. J., assignor to The Hubron Company, Inc. Portable boring machine. 1,575,146; Mar. 2.

Brown, James M., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Switch mechanism. 1,575,036; Mar. 2.

Brueseke, William H., St. Louis, Mo. Ice-cream ladle. 1,574,788; Mar. 2.

Bruner, Simon. (See Lehr, Louis, assignor.)

Buchanan, Ernest C., Sullivan, Ky. Railway tie. 1,575,095; Mar. 2.

Bucyrus Company. (See Stevens, Paul S., assignor.)

Bull, Thomas, near Santa Clara, Calif. Light-controlling device. 1,575,147; Mar. 2.

Bunting, Herbert C., Seattle, Wash. Intermittent electric make-and-break device. 1,575,536; Mar. 2.

Burgess, Roy H., assignor of one-third to W. R. Burgess, Glen Ellyn, Ill. Vertical-file-folder machine. 1,574,789; Mar. 2.

Burgess, William R. (See Burgess, Roy H., assignor.)

Burian, Alois, Schenectady, N. Y. Change-making and fare-registering machine. 1,575,537; Mar. 2.

Burrough, Willard L. (See Lorraine, David D., assignor.)

Bushnell, John B., Berkeley, assignor to N. B. and M. C. Harris, San Francisco, Calif., copartners, doing business under the firm name of Harris Electric Company. Automobile lighting system. 1,575,538; Mar. 2.

Butterworth, H. H., & Sons Company. (See Butterworth, Harry W., jr., assignor.)

Butterworth, Harry W., jr., Philadelphia, Pa., assignor to H. H. Butterworth & Sons Company. Calender. 1,575,539; Mar. 2.

Button Attaching Machine Company of Waterbury, Connecticut. (See Ross, Frederick N., assignor.)

Byrne, Carolyn E., Lawrence, Mass. Hair curler. 1,575,540; Mar. 2.

Bryson, Tandy A., Troy, N. Y., assignor to Tolhurst Machine Works. Safety guard for centrifugal extractors. 1,575,310; Mar. 2.

Cady, Walter H. (See Heppes, O. A., and Cady.)

Cage, John M., Santa Monica, Calif., assignor, by mesne assignments, to H. Andresen, Christiania, Norway, and O. O. Howard, Rockport, Mass. Internal-combustion engine. 1,575,541; Mar. 2.

Cage, John M., Santa Monica, Calif., assignor, by mesne assignments, to H. Andersen, Christiania, Norway, and O. O. Howard, Rockport, Mass. Sleeve-valve engine. 1,575,542; Mar. 2.

Cairns, Edward, Montclair, N. J. Headgear. 1,575,251; Mar. 2.

Campbell, Williard W., et al. (See Hixson, Charles T. assignor.)

Capstan Glass Company. (See Kucera, Peter P., assignor.)

Capstan Glass Company. (See McNamara, William L. assignor.)

Carbone, Mario, New York, N. Y. Packing and preserving fruit. 1,575,148; Mar. 2.

Carmichael, John P., Milwaukee, Wis. Toothpick. 1,575,317; Mar. 2.

Carroll, Leo F., Chicago, Ill. Handle. 1,574,790; Mar. 2.

Carter Brothers. (See Gladish, John M., assignor.)

Carter, Lionel A., St. Louis, Mo. Friction gearing. 1,575,252; Mar. 2.

Casein Manufacturing Co., The. (See Dunham, Andrew A., assignor.)

Casner, Thaddeus S., Plainfield, N. J., assignor, by mesne assignments, to Radio Electric Clock Corporation, New York, N. Y. Mechanism for synchronizing clocks. 1,575,096; Mar. 2.

Caudwell, John W. (See Garford, F. S., and Caudwell.)

Caulkins, Cecil P. (See Davison, G. C., and Caulkins.)

Chace, William M., Detroit, Mich. Temperature-control device for laundry washing machines. 1,575,188; Mar. 2.

Chadwick, Albert T. (See Dann, W. M., and Chadwick.)

Chalmers, George W., Summit, and F. E. Wilson, Argo, Ill., assignors to International Patents Development Company, Wilmington, Del. Ball-placing machine. 1,575,037; Mar. 2.

Charest, Albert J., Woonsocket, R. I. Toy gun. 1,575,189; Mar. 2.

Charette, Jean B. (See Bernier, Ernest, assignor.)

Chaussee, J. B., et al. (See Meschke, Gustave E., assignor.)

Checkometer Sales Co. (See Willis, George M., assignor.)

Chesney, John, Paulsboro, N. J., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Shell drill. 1,575,253; Mar. 2.

Chicago Forging & Manufacturing Company. (See Gilmore, Charles B., assignor.)

Chicago Hardware Foundry Company. (See Hathorne, Sherman A., assignor.)

Chicago Pneumatic Tool Company. (See Smith, W. A., and Dockham, assignors.)

Chicago Railway Equipment Company. (See Walker, Charles I., assignor.)

Cincinnati Milling Machine Company, The. (See Archea, Walter D., assignor.)

Cincinnati Milling Machine Company, The. (See Einstein, S., and Nenninger, assignors.)

Cincinnati Milling Machine Company, The. (See Einstein, S., Nenninger, and Archea, assignors.)

Clapp, Harvey S., Accotink, Va. Harvester. 1,575,605; Mar. 2.

Clark, George W., Larryville, Pa. Antislipping attachment for vehicle wheels. 1,574,791; Mar. 2.

Clark, Velma M., Brea, Calif. Apron. Des. 69,561; Mar. 2.

Clark, Walter R., assignor to Bridgeport Brass Company, Bridgeport, Conn. Metal-extruding machine. 1,574,792; Mar. 2.

Clarke, René, Yonkers, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,562; Mar. 2.

Clarke, René, Yonkers, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,563; Mar. 2.

Clarke, René, Yonkers, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,564; Mar. 2.

Clarke, René, Yonkers, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,565; Mar. 2.

Clarke, René, Yonkers, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,566; Mar. 2.

Clarke, René, Yonkers, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,567; Mar. 2.

Clarke, René, Yonkers, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,568; Mar. 2.

Clas, Angelo R., Toledo, Ohio. Window regulator. 1,575,038; Mar. 2.

Clegg, Harry B., Attleboro, Mass. Vanity case. 1,575,543; Mar. 2.

Clements, Everett G., Washington, D. C. Garter. 1,575,544; Mar. 2.

Cleveland Tractor Company, The. (See White, Rollin H., assignor.)

Coackley, William, Goostrey, and W. H. Gallimore, Holmes Chapel, England. Egg-marking appliance. 1,575,190; Mar. 2.

Coatalen, Louis, assignor to Sunbeam Motor Car Company, Limited, Wolverhampton, England. Brake for vehicles. 1,575,191; Mar. 2.

Cohen, Henry B., New York, assignor to Razor Products Corporation, Long Island City, N. Y. Stabilizer for safety-razor blades. 1,574,793; Mar. 2.

Colbert, John E., assignor of one-half to F. R. Giddens, Tupman, Calif. Tool. 1,575,192; Mar. 2.

Colburn, Walter O., Bangor, Me. Tire-chain tightener and lock. 1,575,545; Mar. 2.

Colburn, Walter O., Bangor, Me. Tire-chain tightener and lock. 1,575,546; Mar. 2.

Collier, Paul R., Philadelphia, Pa. Tilting headlight for automobiles. 1,575,412; Mar. 2.

Collier, Paul R., Wissahickon, Pa. Tilting headlight for small automobiles. 1,575,413; Mar. 2.

Collins, William J. (See Fiset, Louis A., assignor.)

Collis Company, The. (See Collis, Norman P., assignor.)

Collis, Norman P., St. Paul, Minn., assignor to The Collis Company, Clinton, Iowa. Desiccating apparatus. 1,575,414; Mar. 2.

Conner, Henry H., jr., Ithaca, N. Y. Gasoline-tank cap. 1,575,097; Mar. 2.

Conrad, Frederick, and S. Rasmussen, Bogota, N. J. Nonfreezing still faucet. 1,575,547; Mar. 2.

Conty, Rene H., Chicago, Ill. Sanding device. 1,575,098; Mar. 2.

Converse Rubber Shoe Company. (See Emerson, Chester A., assignor.)

Cook, Charles L., Louisville, Ky. Engine. 1,575,476; Mar. 2.

Cooley, Hiram W., Chicago, Ill. Three-point rear-door lock. 1,574,867; Mar. 2.

Cooper, Walter J., assignor to Edward Umbstaetter, Cleveland, Ohio. Hydraulic lifting jack. 1,575,039; Mar. 2.

Copeman, Lloyd G., Flint, Mich. Refrigerator construction. 1,574,868; Mar. 2.

Cormier, Alderic M., et al. (See Bartlett, Alfred E., assignor.)
Corona Typewriter Company. (See Ely, Alonzo B., assignor.)
Corona Typewriter Company. (See Petermann, Otto, assignor.)
Corson, Bolton L., Plymouth Meeting, Pa. Pipe. 1,575,099; Mar. 2.
Cory, Ernest S., Birmingham, Ala. Tool. 1,575,254; Mar. 2.
Cosgrove, John W., Medford, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping lipped soles. 1,574,794; Mar. 2.
Cosmic Arts, Inc. (See Guglielmi, Winifred, assignor.)
Cossman, Charles W., Newark, N. J. Wire stretcher. 1,575,100; Mar. 2.
Cowan, Edgar S., Harvey, Ill. Flexible trowel. 1,575,318; Mar. 2.
Cowan, R. Guy, Lakewood, Ohio. Flower holder. Des. 69,569; Mar. 2.
Craig, Alexander B. (See Craig, James L. and A. B.)
Craig, James L. and A. B., San Francisco, Calif. Screw holder and driver. 1,575,149; Mar. 2.
Crist, Robert W., Bedford, assignor to The McMyler-Interstate Company, Cleveland, Ohio. Locking device for car-dumper platforms. 1,575,415; Mar. 2.
Crolly, Albert H., Auckland, New Zealand. Mop. 1,574,795; Mar. 2.
Crouse-Hinds Company. (See Olley, Raymond H., assignor.)
Crowley, Arthur S., Cambridge, Mass. Holding device. 1,574,869; Mar. 2.
Crum, Rufus M., Wichita, Kans. Flagpole. 1,575,040; Mar. 2.
Cruyff, Ryk, Pasadena, Calif. Milk-bottle opener and cap. 1,575,319; Mar. 2.
Cuno, Charles H., assignor to The Cuno Engineering Corporation, Meriden, Conn. Electric-lamp mounting. 1,575,548; Mar. 2.
Cuno Engineering Corporation, The. (See Cuno, Charles H., assignor.)
Cuny, Clifford D., and H. W. Johnson, Washington, D. C. Safety fuse. 1,574,870; Mar. 2.
Curtiss Aeroplane and Motor Company. (See Gilmore, W. L., and Mummert, assignors.)
Curtiss Aeroplane & Motor Company. (See Nutt, Arthur, assignor.)
Cutler-Hammer Mfg. Co., The. (See Nash, Clarence A., assignor.)
Cutler-Hammer Mfg. Co., The. (See Votapek, George J., assignor.)
Czapek, Stanley, Detroit, Mich., assignor to Radiant Specialty Co. Lighting fixture. Des. 69,570; Mar. 2.
Czyzykowski, Julian, Harrison, N. J. Swimming garment. 1,575,255; Mar. 2.
Dabney, Lillian M., Rosedale, Kans. Vacuum washer. 1,574,871; Mar. 2.
Daly, Charles L., Brockton, Mass. Shoe. 1,574,872; Mar. 2.
Damiens, Augustin A. L. J., Arcueil-Cachan, M. C. J. E. de Loisy, Paris, France, and O. J. G. Piette, Brussels, Belgium. Rapid fixing of ethylene by means of sulphuric acid for the purpose of obtaining ethyl sulphuric esters. 1,574,796; Mar. 2.
Danforth, George L., jr., assignor to Open Hearth Combustion Company, Chicago, Ill. Open-hearth furnace. 1,574,797; Mar. 2.
Dann, Walter M., and A. T. Chadwick, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Transformer tank. 1,574,960; Mar. 2.
Davis, Ben E., Los Angeles, Calif. Traffic signal for motor vehicles. 1,575,320; Mar. 2.
Davis, George L., Danville, Va. Tobacco-housing machine. 1,575,193; Mar. 2.
Davis, Harry A., assignor to Draper Corporation, Hopedale, Mass. Feeler mechanism for looms. 1,575,550; Mar. 2.
Davis, Harry A., assignor to Draper Corporation, Hopedale, Mass. Warp stop mechanism for looms. 1,575,549; Mar. 2.
Davis, Taube, assignor to Franklin Simon & Co., Inc., New York, N. Y. Coat. Des. 69,571; Mar. 2.
Davis, Taube, assignor to Franklin Simon & Co., Inc., New York, N. Y. Coat. Des. 69,572; Mar. 2.
Davis, Taube, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. Des. 69,573; Mar. 2.
Davis, Taube, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. Des. 69,574; Mar. 2.
Davison, Gregory C., and C. P. Caulkins, New London, Conn., assignors, by mesne assignments, to American Ordnance Corporation, New York, N. Y. Line-throwing gun. 1,575,321; Mar. 2.
Davison, Walter W., assignor to Wire Wheel Corporation of America, Buffalo, N. Y. Wheel. 1,575,322; Mar. 2.
Day, Herbert B., deceased, Detroit, Mich.; E. Alexander, administratrix. Turret-tool holder. 1,574,741; Mar. 2.
Day, Thomas, Company. (See Kestell, Philip, assignor.)
Deakin, Gerald, Antwerp, Belgium, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,574,873; Mar. 2.
Dean, Herbert, assignor of one-half to G. S. Morris, Brandon, Manitoba, Canada. Air-hose nipple. 1,575,600; Mar. 2.
Dean, John S. (See Lippert, P., and Dean.)
Dearing, Joseph W., Cleveland, Ohio, assignor, by mesne assignments, to Springfield Lumber Company, Springfield, Ill. Valve-mechanism control. 1,574,959; Mar. 2.
Deckel, Friedrich, Fabrik für Präzisionsmechanik und Maschinenbau. (See Braren, Lorenz K., assignor.)
De Haven, Hugh, San Francisco, Calif. Box. 1,575,150; Mar. 2.
De La Mare, Thomas, Tooele, Utah. Slip or expansion joint for concrete pipe. 1,574,956; Mar. 2.
De Loisy, Marie C. J. E. (See Damiens, A. L. J., de Loisy, and Piette.)
Del Rio, Joaquin, New York, N. Y. Attachment to suction sweepers. 1,575,256; Mar. 2.
Deman, John, Detroit, Mich. Brush-supporting device. 1,575,416; Mar. 2.
Denniston, Edgar M., Burlington, Iowa. Ankle brace. 1,575,042; Mar. 2.
Denny, Charles W., W. E. McLaughlin, and G. Helwig, assignors to The Barkeley Electric Manufacturing Company, Middletown, Ohio. Radio apparatus. 1,574,958; Mar. 2.
Derby Cap Mfg. Company. (See Trau, Isidor K., assignor.)
Derbyshire, Henry E., assignor to Sanitary Company of America, Philadelphia, Pa. Adjustable no-bolt and no-ring tripod boiler stand. 1,575,151; Mar. 2.
Des Rosiers, John B., Providence, R. I. Vehicle brake-controlling means. 1,575,323; Mar. 2.
Deutsch, Hans, Vienna, Austria. Steam injector with automatic shifting valves. 1,574,798; Mar. 2.
Dever, Patrick J., Freeland, Pa. Switch. 1,575,043; Mar. 2.
Devine, Thomas M., Cleveland Heights, assignor to The Ohio Varnish Company, Cleveland, Ohio. Display apparatus. 1,575,417; Mar. 2.
Dewey and Almy Company. (See Dewey, Bradley, assignor.)
Dewey, Bradley, assignor to Dewey and Almy Chemical Company, Cambridge, Mass. Drier. 1,575,194; Mar. 2.
Di Battista, Charles, Berwick, Pa. Spray application of coating composition. 1,575,152; Mar. 2.
Dierks, Louis E., Oak Park, assignor, by mesne assignments, to Sauerman Bros., Inc., Chicago, Ill. Roller-bearing structure. 1,574,799; Mar. 2.
Dietze, Emil, Richmond Hill, assignor to American Casting and Manufacturing Corporation, Brooklyn, N. Y. Hasp seal. 1,575,418; Mar. 2.
Dixon, Frank B., West Bend, Iowa. Toilet stool. 1,575,477; Mar. 2.
Dobbins, James F., Brooklyn, N. Y. Vernier dial. 1,575,153; Mar. 2.
Doble Laboratories. (See Doble, William A., jr., assignor.)
Doble, William A., jr., assignor to Doble Laboratories, San Francisco, Calif. Engine. 1,575,361; Mar. 2.
Dockham, Clarence H. (See Smith, W. A., and Dockham, assignors.)
Dodge, Adiel Y., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Brake. 1,574,957; Mar. 2.
Doehler-Die Casting Co. (See Doehler, H. H., and Stern, assignors.)
Doehler, Herman H., New Rochelle, and M. Stern, Brooklyn, N. Y., assignors to Doehler Die-Casting Co. Vehicle body. 1,574,874; Mar. 2.
Doherty Research Company. (See Fisher, James P., assignor.)
Donnelly, R. R., & Sons Company. (See Alger, H. C., and Ackley, assignors.)
Dove, Frederick W., Ludington, Mich. Gluing attachment for veneer-taping machines. 1,575,551; Mar. 2.
Dow, William J., Washington, D. C. Coupling transformer. 1,575,552; Mar. 2.
Doyle, John M., Linton, Oreg. Emblem. 1,575,419; Mar. 2.
Drake, Rollin L., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Closure for containers. 1,575,154; Mar. 2.
Drakenfeld, B. F. (See Shively, Robert R., assignor.)
Draper Corporation. (See Davis, Harry A., assignor.)
Dubilier Condenser & Radio Corporation. (See Dubilier, William, assignor.)
Dubilier, William, New York, N. Y., assignor to Dubilier Condenser & Radio Corporation. Electrical condenser. 1,575,044; Mar. 2.
Dubilier, William, New York, N. Y., assignor to Dubilier Condenser and Radio Corporation. Electrical condenser. 1,575,045; Mar. 2.
Duffey, W. R., et al. (See McCombs, Charles C., assignor.)
Duffield, Henry K., South Jacksonville, Fla. Ironing board. 1,575,553; Mar 2.
Dufloth, Philip L., Anamosa, Iowa. Knife sharpener. 1,575,554; Mar. 2.
Duisberg, Walter, and W. Hentrich, Wiesdorf-on-the Rhine, Germany, assignors to The Grasselli Dyestuff Corporation, New York, N. Y. Dyeing. 1,575,324; Mar. 2.
Duncan, Clyde, Detroit, Mich. Combination fountain pen. 1,574,800; Mar. 2.
Dunham, Andrew A., Bainbridge, assignor to The Casein Manufacturing Co., New York, N. Y. Casein solids and making them. 1,575,155; Mar. 2.

Dunham Manufacturing Company. (See Ahldin, David, assignor.)
Duplex Motion Picture Industries, Inc. (See Badgley, Gerald J., assignor.)
Du Pont, E. I., de Nemours and Company. (See Chesney, John, assignor.)
Dyer, George E., Kansas City, Mo. Auxiliary lever attachment for jacks. 1,575,046; Mar. 2.
Earl, Morris, Oakland, Calif. Socket joint for wind musical instruments. 1,575,257; Mar. 2.
Earle, Ferdinand, Los Angeles, Calif. Producing composite motion pictures. 1,575,478; Mar. 2.
Eastern Manufacturing Company. (See Allen, Albert, assignor.)
Eastman Kodak Company. (See Sheppard, Samuel E., assignor.)
Ecaubert, Frederic, New York, N. Y. Grinding and polishing machine. 1,575,156; Mar. 2.
Economy Dyeing Machine Corporation. (See Thomayer, George T., assignor.)
Eddington, John J., Utica, N. Y. Window jack. 1,574,801; Mar. 2.
Edgerton, Israel V., Chicago, Ill. Poultry car. 1,574,802; Mar. 2.
Edwards, Joseph S., Long Beach, Calif. Bird stand. 1,575,101; Mar. 2.
Edwards, Perry B., Athens, N. Y. Adjustable cam-shaft thrust block. 1,575,555; Mar. 2.
Ehrlinger, Edmund P., Janesville, Wis. Portable sing, rule, and border standard. 1,575,258; Mar. 2.
Eick, Otto, St. Louis, Mo. Bottle stopper. 1,575,556; Mar. 2.
Einstein, Sol, and L. F. Nenninger, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Work rest and guiding device for grinding machines. 1,575,557; Mar. 2.
Einstein, Sol, L. F. Nenninger, Cincinnati, and W. D. Archea, Norwood, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Centerless grinding machine. 1,575,558; Mar. 2.
Eisenstark, Isadore, and B. Lipshitz, Brooklyn, N. Y. Cigarette case. 1,575,420; Mar. 2.
Electrical Engineers Equipment Company. (See Getts, Frank E., assignor.)
Ellis Flotation Company. (See Ellis, Ridsdale, assignor.)
Ellis, Ridsdale, Oak Park, Ill., assignor to Ellis Flotation Company, Inc., New York, N. Y. Separating process. Re16,279; Mar. 2.
Ely, Alonzo B., assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,575,559; Mar. 2.
Emerson, Chester A., Wakefield, assignor to Converse Rubber Shoe Company, Malden, Mass. Overshoe. Des. 69,575; Mar. 2.
Enderli, Max, assignor to Firm of Rudolph Koepp & Co., Chemische Fabrik, Oestrich, Germany. Manufacture of sodium formate from carbon monoxide. 1,574,875; Mar. 2.
Engkvist, Karl O. (See Svensson, S. H., and Engkvist.)
Engler, Maximilian L., assignor to The General Tire and Rubber Company, Akron, Ohio. Expansible core for use in vulcanizing tire casings and manufacturing same. 1,575,421; Mar. 2.
English-Electric Company, The. (See Seewer, Paul W., assignor.)
Englund, Gideon B., St. Petersburg, Fla. Tappet-adjusting tool. 1,575,560; Mar. 2.
Eppenstein, Louis A., assignor to Illinois Watch Case Company, Elgin, Ill. Watchcase. Des. 69,576; Mar. 2.
Eppenstein, Solomon C., assignor to Illinois Watch Case Company, Elgin, Ill. Watchcase. Des. 69,577; Mar. 2.
Erban, Richard, Vienna, Austria. Friction gear. 1,574,803; Mar. 2.
Erie City Iron Works. (See Shave, William H., assignor.)
Esselen, Gustavus J., jr., Swampscott, assignor to United Fruit Company, Boston, Mass. Decolorizing and defecating product and making the same. 1,575,561; Mar. 2.
Etablissements Marinoni, Société Anonyme. (See Bobst, Henri, assignor.)
Evans, Humphrey, Milwaukee, Wis., assignor to Telhurst Machine Works. Automatic guard for centrifugal extractors. 1,575,325; Mar. 2.
Fagan, L. E., et al., trustees. (See Fagan, Lewis E., assignor.)
Fagan, Lewis E., Chicago, assignor to E. Blumenthal, Evanston, L. E. Fagan, Chicago, and E. G. Trowbridge, Winnetka, as trustees for B. F. T. Company, Chicago, Ill. Raising and lowering device for demountable wheels. 1,575,422; Mar. 2.
Falls, Charles B., New York, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,578; Mar. 2.
Falls, Charles B., New York, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,579; Mar. 2.
Falls, Charles B., New York, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,580; Mar. 2.
Fauser, Gustave M., Ardsley-on-Hudson, N. Y. Textile fabric. Des. 69,51; Mar. 2.
Federal Cement Tile Company. (See Baumgartl, Leroy, assignor.)
Felse, Richard A., assignor to The Joseph & Felse Company, Cleveland, Ohio. Garment and method of sewing sleeve linings into armholes thereof. 1,575,562; Mar. 2.
Feldkamp, Frederick A., Newark, N. J. Cartridge fuse. 1,575,563; Mar. 2.
Fenton, Paul W., New York, N. Y. Oil-dispensing pump. 1,575,423; Mar. 2.
Ferguson, Alexander D., Chicago, Ill., assignor to Sullivan Machinery Company. Blank-heating furnace. 1,574,876; Mar. 2.
Ferrand, Fred, Southport, England. Machine for spinning or doubling yarns and threads. 1,574,877; Mar. 2.
Fischer, Phillip A. (See Schiff, Morris, assignor.)
Fischer, Sigmund, Providence, R. I. Chain connecter. 1,574,961; Mar. 2.
Fischer, Sigmund, Providence, R. I. Ring. 1,574,962; Mar. 2.
Fiset, Louis A., assignor of one-half to W. J. Collins, Amsterdam, N. Y. Plunger. 1,575,102; Mar. 2.
Fisher, Dudley T., jr., Columbus, Ohio. Statuette. Des. 69,582; Mar. 2.
Fisher, James P., Bartlesville, Okla., assignor to Doherty Research Company, New York, N. Y. Combined pipe connection and orifice-disk housing. 1,575,259; Mar. 2.
Fisher, James P., Bartlesville, Okla., assignor to Doherty Research Company, New York, N. Y. Process and apparatus for distributing gas to consumers. 1,575,260; Mar. 2.
Flagstad, Cornell, assignor of ninety-five one-hundredths to The Folding Crate and Box Company, Minneapolis, Minn. Collapsible carrier. 1,574,804; Mar. 2.
Flanders, Warren B., Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company. Condenser installation. 1,575,157; Mar. 2.
Flanders, Warren B., Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company. Governing system for rotating machines. 1,575,158; Mar. 2.
Flanders, Warren B., Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company. Governor. 1,575,159; Mar. 2.
Fleming, Ambrose, Washington, D. C. Pencil holder. 1,575,195; Mar. 2.
Fleming, John G., Toronto, Ontario, Canada. Gumming device. 1,575,564; Mar. 2.
Flintkote Company, The. (See Heppes, O. A., and Cady, assignors.)
Folding Crate and Box Company, The. (See Flagstad, Cornell, assignor.)
Fooks, Nelson H., Preston, Md. Apparatus for heat treating substances packed in sealed receptacles. 1,575,196; Mar. 2.
Fooks, Nelson H., Preston, Md. Combined cooker and cooler. 1,575,197; Mar. 2.
Fooks, Nelson H., Preston, Md. Apparatus for cooking and cooling in sealed receptacles. 1,575,198; Mar. 2.
Fooks, Nelson H., Preston, Md. Combined cooker and cooler. 1,575,199; Mar. 2.
Foote, Thomas W., Cleveland, Ohio. Chair base. 1,574,963; Mar. 2.
Forsyth, George H., Chicago, Ill., assignor to Motor Wheel Corporation, Lansing, Mich. Disk wheel. 1,574,805; Mar. 2.
Foster, Charles B., Indianapolis, Ind. Drainage device. 1,575,261; Mar. 2.
Foster, Mary F., trustee. (See Bollmann, Hermann, assignor.)
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Inseam-shoe-sewing machine. 1,575,103; Mar. 2.
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,575,104; Mar. 2.
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stop mechanism. 1,575,105; Mar. 2.
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,575,106; Mar. 2.
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,575,107; Mar. 2.
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,575,108; Mar. 2.
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,575,109; Mar. 2.
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,575,110; Mar. 2.
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,575,111; Mar. 2.
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,575,112; Mar. 2.
Fowler, Alfred B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 1,575,113; Mar. 2.
Franklin Simon & Co. (See Davis, Taube, assignor.)

Fratelli Schwarzenback & Co. (See Zanchi, Attilio, assignor.)
Fraxine, William H., and C. W. Morrill, Modesto, Calif. Peach grader. 1,575,424; Mar. 2.
Fredenburg, Charles H., Afton, N. Y. Automatic measure for wood saw tables. 1,575,200; Mar. 2.
Freeman, Ernest C., Endicott, N. Y. Transmission-clutch control. 1,575,565; Mar. 2.
Fricton Car Stop Company, The. (See Breyley, Edward W., assignor.)
Friesenhahn, Albert, Bracken, Tex. Animal trap. 1,574,806; Mar. 2.
From, Owen C., assignor to Western Electric Company, Incorporated, New York, N. Y. Registering mechanism. 1,575,326; Mar. 2.
Gagnon, Alexandre, assignor of one-third to J. A. Andrews and one-third to J. W. Herbert, Biddeford, Me. Picker. 1,575,598; Mar. 2.
Gail, George E., jr., assignor of one-sixth to H. A. Sibley and one-sixth to G. A. Brown, Pontiac, Mich. Metal-chip briquette. 1,574,878; Mar. 2.
Gallimore, William H. (See Coackley, W., and Gallimore.)
Gannett, Danforth K., Elmhurst, N. Y., assignor to American Telephone and Telegraph Company. Regulating voltages. 1,574,807; Mar. 2.
Gannett, Danforth K., Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company. Regulation of transmission. 1,574,808; Mar. 2.
Gardner, Sydney B., Benson, Minn. Trench-wall supporter. 1,575,566; Mar. 2.
Garford, Francis S., and J. W. Caudwell, Lougheed, Alberta, Canada. Headlight. 1,575,327; Mar. 2.
Garland, Mamie M., assignor to Garland Ventilator Company, Chicago, Ill. Ventilator for busses and other vehicles. 1,574,880; Mar. 2.
Garland Ventilator Company. (See Garland, Mamie M., assignor.)
Garst, Goodwin. (See Knoblauch, Curt G., assignor.)
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rotating mechanism for rock drills. 1,574,879; Mar. 2.
Geake, William H. G., Killara, near Sydney, New South Wales, Australia. Collapsible container. 1,575,567; Mar. 2.
Gehrmann, Charles A. (See Hornberger, William R., assignor.)
General Motors Corporation. (See Midgley, Thomas, jr., assignor.)
General Phonograph Manufacturing Company, The. (See Mizer, Fred N., assignor.)
General Railway Signal Company. (See Howe, Winthrop K., assignor.)
General Tire and Rubber Company, The. (See Engler, Maximillian L., assignor.)
Gerhart, Paul D., Exeter, Calif. Lid remover. 1,575,568; Mar. 2.
Getts, Eva J., administratrix. (See Getts, Frank E.)
Getts, Frank E., deceased, by E. J. Getts, administratrix, assignor to Electrical Engineers Equipment Company, Chicago, Ill. Insulation equipment. 1,574,964; Mar. 2.
Giddens, Frank R. (See Colbert, John E., assignor.)
Giertsen, Sigurd, assignor to Kristiansands Nikkelraffineringsverk, Christiansands, S. Norway. Separation of metals. 1,575,160; Mar. 2.
Gilbert, A. C., Company, The. (See Anketell, Edward N., assignor.)
Gilbert, Samuel S., Albany, Oreg. Flax-pulling attachment for grain binders. 1,575,569; Mar. 2.
Gilbreath, John R., Stillwell, Okla. Well bucket. 1,574,809; Mar. 2.
Gillis, George H., Brookfield, Mass. Shank stiffener. 1,575,047; Mar. 2.
Gilmore, Charles B., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Hood latch for automobiles and the like. 1,575,114; Mar. 2.
Gilmore, William L., Garden City, and H. C. Mummert, Hollis, assignors, by mesne assignments, to Curtiss Aeroplane and Motor Company, Inc., Garden City, N. Y. Aeroplane landing gear. 1,575,328; Mar. 2.
Gladish, John M., assignor, by mesne assignments, to Carter Brothers, Chattanooga, Tenn. Tufting-attachment mechanism for sewing machines. 1,575,570; Mar. 2.
Gleason Works. (See Trbojevich, Nikola, assignor.)
Godwin, William S., Baltimore, Md. Paved railway structure and method. 1,574,810; Mar. 2.
Goeriz, Oscar C., Oakland, Calif. Rotary pump. 1,575,048; Mar. 2.
Going, George G., Middletown, Conn., assignor, by mesne assignments, to Remington-Noiseless Typewriter Corporation. Typewriting machine. 1,574,881; Mar. 2.
Goldberg, Solomon H., Chicago, Ill. Machine for arranging, counting, and grouping hairpins or like articles. 1,574,882; Mar. 2.
Golomb, Morris, New York, N. Y. Striking-bag platform. 1,575,329; Mar. 2.
Gonyer, George P., Boston, Mass. Torpedo applicator. 1,574,811; Mar. 2.
Goodell, E. G., et al. (See White, Alfred H., assignor.)
Goodman, Joseph, Whitneyville, assignor to The Mt. Carmel Manufacturing Company, Mount Carmel, Conn. Adjustable escutcheon. 1,575,330; Mar. 2.
Goshia, Albert H., Toledo, Ohio. Comb. 1,575,201; Mar. 2.
Graef, Reinhold, Berlin, Germany, assignor to Aktiengesellschaft für Ozon Industrie. Cooling the electrodes in ozonizers. 1,575,049; Mar. 2.
Grasselli Dyestuff Corporation. (See Duisberg, W., and Hentrich, assignors.)
Gray, Albert M., Newport News, Va. Traffic signal. 1,575,571; Mar. 2.
Greegor, Ralph H., assignor to The Kinnear Manufacturing Company, New Haven, Conn. Cigarette case. terbalancing mechanism for curtains. 1,575,572; Mar. 2.
Green, John M., and A. Thomas, San Benito, Tex. Disk sharpener. 1,574,812; Mar. 2.
Greene, Irving, New York, N. Y. Magazine pencil. 1,575,321; Mar. 2.
Gregory, Ernest Derby, assignor to The Lyons Manufacturing Company, New Haven, Conn. Cigarette case. 1,575,573; Mar. 2.
Gregory, Ernest, assignor to The Lyons Manufacturing Company, New Haven, Conn. Stop mechanism. 1,575,574; Mar. 2.
Greiner, Leopold E., jr., Bronx, N. Y. Skin thermometer 1,575,262; Mar. 2.
Gripka, Jacob. (See Mann, George W., assignor.)
Grode, Rudolph G., Norwood, R. I. Bead-necklace tip. 1,575,161; Mar. 2.
Grolemund, Lawrence A., Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio Glass-cutter's table. 1,574,965; Mar. 2.
Guarantee Liquid Measure Company. (See MacKenzie, G. W., and MacMillen, assignors.)
Gudge, Benjamin J. (See Turner, G. S., and Gudge.)
Guerrant, John L., Fresno, Calif. Amplifier for telephone receivers. 1,575,575; Mar. 2.
Guglielmi, Winifred (Mrs. Rudolph Valentino), professionally known as Natacha Rambova, assignor to Cosmic Arts, Inc. Combined coverlet and doll. 1,575,263; Mar. 2.
Guitian, Maria, Habana, Cuba. Plate lifter. 1,575,576; Mar. 2.
Gunther, Robert F. (See Anthes, Albert N., assignor.)
Guza, Thomas, Flint, Mich. Hand-driven circular-saw. 1,575,577; Mar. 2.
Haagh, Ernest, assignor to the Firm W. C. Heraeus G. m. b. H. Hanau-on-the-Main, Germany. Osmium alloy 1,574,966; Mar. 2.
Hafner, Carl, Rock Spring, Wyo. Sugar-dispensing device. 1,574,813; Mar. 2.
Hagemeister, Emma, New York, N. Y Hair waver. 1,575,578; Mar. 2.
Hahnloser, Emil, et al. (See Jezler, Hubert, assignor.)
Hajosi, Frank, Victoria, Tex. Plant-topping machine. 1,574,967; Mar. 2.
Hall, Fay E., Morris, Minn. Paring knife 1,575,332; Mar. 2.
Halmi, Steve, Yonkers, N. Y. Fan attachment for carriages. 1,575,202; Mar. 2.
Hamada, Ryozo, San Francisco, Calif. Trimming knife. 1,575,425; Mar. 2.
Hamerstadt, William D., Indianapolis, Ind. Reenforced-nber dust guard for axle bearings. 1,574,968; Mar. 2.
Hamilton-Grapes, George, Melbourne, Victoria, Australia. Internal-combustion engine relating to the carburation of hydro-carbon-liquid fuel. 1,575,333; Mar. 2.
Hampden Glazed Paper & Card Company. (See Stone, Thomas L., assignor.)
Haney, Thomas E. (See Ashleman, A. E., and Haney.)
Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Mounting for concrete breakers. 1,574,814; Mar. 2.
Hanser, Adolf T., Buffalo, N. Y. Combined calendar and contribution envelope 1,575,115; Mar. 2.
Hanson, Rene C. (See Krech, Frederick W., assignor.)
Harper, Robert W., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,573,334; Mar. 2.
Harris Electric Company. (See Bushnell, John B.)
Harris, John, Cleveland, Ohio. Blowpipe. 1,575,335; Mar. 2.
Harris, M. C., et al. (See Bushnell, John B., assignor.)
Harris, N. R., et al. (See Bushnell, John B., assignor.)
Harry, Earl L., Pontiac, Mich. Brake mechanism. 1,575,426; Mar. 2.
Harshburger, Lincoln E. (See Smith, James O., assignor.)
Hartford-Empire Company. (See Lorenz, Edward H., assignor.)
Harvey, Harry, San Benito, Tex. Handle-securing device. 1,574,815; Mar. 2.
Harvey, William F., Lima, N. Y. Method and apparatus for cementing insulators. 1,574,883; Mar. 2.
Hatheway, William E., Bridgeport, Conn. Buckle. 1,574,969; Mar. 2.
Hathorne, Sherman A., Waukegan, assignor to Chicago Hardware Foundry Company, North Chicago, Ill. Floor fastening for stools and the like. 1,575,162; Mar. 2.
Haupt, Lewis M., Cynwyd, Pa. Beach-reclamation system. 1,575,362; Mar. 2.
Hauvette-Michelin, Jules, New Brunswick, N. J. Tire flap. 1,575,479; Mar. 2.
Havard, Armster, et al. (See McCoy, Elijah, assignor.)
Hawley, Charles G., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler. 1,575,050; Mar. 2.

Hawley, Charles G., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler. 1,575,051; Mar. 2.
Haynes, Pierre E., Buffalo, assignor to The Linde Air Products Company, New York, N. Y. Separation of gaseous or liquid mixtures. 1,575,587; Mar. 2.
Haynes, Walter. (See Wood, J., and Haynes.)
Hayward, George L. (See Holman, W. J., and Hayward.)
Hazel-Atlas Glass Company. (See Sterhouse, Thomas, assignor.)
Heisler, George C., Wooster, Ohio. Toy rabbit. Des. 69,583; Mar. 2.
Heffner, George O., et al. (See Mayberry, John A., assignor.)
Helwig, George. (See Denny, C. W., McLaughlin, and Helwig.)
Henderson, James B., Lee, England. Sighing device. 1,575,406; Mar. 2.
Henderson, Orin A., Shreveport, La. Bottle. Des. 69,584; Mar. 2.
Hendricks, Elliott M., Columbus, Ohio. Combined X-ray protective canopy and table. 1,574,884; Mar. 2.
Henne, Herbert G., New Braunfels, Tex. Protecting cotton bales. 1,574,885; Mar. 2.
Henry, Beulah L., New York, N. Y. Indicator top. 1,575,264; Mar. 2.
Henry, George J. (See Kempston, A., and Henry.)
Henry, Israel H., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,575,336; Mar. 2.
Henry, Raymond, Rock Island, Ill., assignor, by mesne assignments, to Moline Implement Company. Making crank axles. 1,575,427; Mar. 2.
Hentrich, Winfried. (See Duisberg, W., and Hentrich.)
Heppes, Otto A., Chicago, Ill., and W. H. Cady, assignors to The Flintkote Company, Boston, Mass. Waterproof covering. 1,574,886; Mar. 2.
Hepworth, William J., Houston, and W. S. Hornbeck, Alvord, assignors of one-third to W. M. Singleton, Haslet, Tex. Self-winding hose reel. 1,575,337; Mar. 2.
Herbert, John W., et al. (See Gagnon, Alexandre, assignor.)
Herman, Oscar H., Council Bluffs, Iowa. Oil burner. 1,575,480; Mar. 2.
Hertz, Alfred C., New York, N. Y. Adjustable window screen. 1,575,481; Mar. 2.
Hesse, Leopold, Barmen, and H. Rathert, Elberfeld, Germany. Manufacturing thin threads of artificial silk of highest degree of fineness from viscose. 1,575,052; Mar. 2.
Hettelsater, Henry C., Canton, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Suction cleaner. 1,575,363; Mar. 2.
Hettelsater, Henry C., Canton, Ohio, assignor to The Hoover Company. Suction sweeper. 1,574,970; Mar. 2.
Hetzel, A. H., et al. (See Ross, George W., assignor.)
Hetzel, F. L., et al. (See Ross, George W., assignor.)
Hewett, John R., Schenectady, N. Y. Photographic exposure meter. 1,575,338; Mar. 2.
Hews, A. H., & Co. (See Mansir, Clifford E., assignor.)
Higgins, John W., Merkel, Tex. Cotton chopper and weeder attachment for cultivators. 1,575,203; Mar. 2.
Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Lens-block-centering jig. 1,574,816; Mar. 2.
Hille, Frank, Long Island City, N. Y. Cooling device. 1,575,482; Mar. 2.
Hilty, Michael R., Comanche, Tex. Amusement device. 1,575,204; Mar. 2.
Hinchman, Alva K., Philadelphia, Pa. Power-actuated windshield wiper. 1,575,163; Mar. 2.
Hinderliter, Frank J., Tulsa, Okla. Joint breaker. 1,575,483; Mar. 2.
Hinds, Sherwood, Chicago, Ill., assignor to St. Louis Pump & Equipment Company, St. Louis, Mo. Pump. 1,574,887; Mar. 2.
Hinton, Frank R., Johnson City, Tex. Bank check. 1,575,205; Mar. 2.
Hixson, Charles T., assignor of one-third to W. Utton, Aztec, and one-third to W. W. Campbell, Albuquerque, N. Mex. Attachment for headlights. 1,574,888; Mar. 2.
Hodgkins, Reginald R., Los Angeles, Calif. Golf-club head. 1,575,364; Mar. 2.
Hodgman, Edward R., Dwight, Ill. Wringer mounting and control device. 1,574,817; Mar. 2.
Hoenig, Harry E., East Liverpool, Ohio. Insulator bracket. 1,575,484; Mar. 2.
Hofmann, William T., assignor to Beckman-Dawson Roofing Company, Chicago, Ill. Looping system. 1,574,889; Mar. 2.
Hofmann, William T., assignor to Beckman-Dawson Roofing Company, Chicago, Ill. Producing a waterproof sheeted substance and product produced thereby. 1,574,890; Mar. 2.
Holcomb and Hoke Manufacturing Company. (See Rossebo, G. H., and Waltman, assignors.)
Holden, Joseph B., Syracuse, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,575,164; Mar. 2.
Holland Furnace Company. (See Nystrom, Oscar P., assignor.)
Hollman, Peter I., assignor to Geo. D. Roper Corporation, Rockford, Ill. Manifold support. 1,575,265; Mar. 2.
Holman, Leslie A., Waltham, Mass. Heel-building machine. 1,574,891; Mar. 2.
Holman, William J., Hougoton, and G. L. Hayward, Rolla, Kans. Lister attachment. 1,575,485; Mar. 2.
Holmberg, Axel E., assignor to Ljusne-Woxna Aktiebolag, Ljusne, Sweden. Basin for softening or cooking in water or other liquid stocks preparatory to the manufacture of veneer, mechanical pulp, or the like thereof. 1,574,818; Mar. 2.
Hooey, Charles L., Dover, N. J. Extricating means for vehicles. 1,575,588; Mar. 2.
Hooke, James R., Holbrook, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoes. 1,575,053; Mar. 2.
Hoover Company, The. (See Bates, Albert H., assignor.)
Hoover Company, The. (See Hettelsater, Henry C., assignor.)
Hopkinson, Ernest, New York, N. Y. Method and apparatus for electrical precipitation. 1,575,165; Mar. 2.
Hornbeck, William S. (See Hepworth, W. J., and Hornbeck.)
Hornberger, William R., assignor of one-half to C. A. Gehrmann, Philadelphia, Pa. Ship telegraph. 1,575,599; Mar. 2.
Horstkotte, Frederick W., Spokane, Wash. Lumber plier. 1,575,339; Mar. 2.
Horvath, Geza, Highland Park, Mich. Internal-combustion engine. 1,574,971; Mar. 2.
Horvath, Geza, Detroit, Mich. Making ice-cream containers. 1,574,972; Mar. 2.
Horvath, Geza, Detroit, Mich. Making containers. 1,574,973; Mar. 2.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Bail. 1,575,266; Mar. 2.
Hough, Clinton W., Boonville, assignor to Wired Radio, Inc., New York, N. Y. Wired radio receiving apparatus. 1,575,340; Mar. 2.
Houldsworth, Wallace M., Royal Oak, Mich. Lapper. 1,575,267; Mar. 2.
Houston, Harold A. (See Storer, N. W., and Houston.)
Howard, Austin A., Chicago, Ill. Electrical transformer. 1,575,341; Mar. 2.
Howard, Austin A., Chicago, Ill. Electrical transformer. 1,575,342; Mar. 2.
Howard, Frank H., Reading, Pa. I-beam clamp. 1,575,268; Mar. 2.
Howard, Oliver O., et al. (See Cage, John M., assignor.)
Howard, Otis W., Moline, Ill., assignor, by mesne assignments, to Moline Implement Company. Disk plow. 1,574,974; Mar. 2.
Howard, Stanley R., East Milton, assignor to Pneumatic Scale Corporation Limited, Quincy, Mass. Box-making machine. 1,575,486; Mar. 2.
Howe, Louis P., San Francisco, Calif., assignor to Stand-and Oil Company. First-aid-kit container. 1,575,206; Mar. 2.
Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Train control. 1,575,579; Mar. 2.
Huber, John, Chicago, Ill. Flanging machine. 1,575,487; Mar. 2.
Hubron Company, The. (See Brown, Hugh, S., assignor.)
Hudson Manufacturing Company. (See Thompson, R. G., and Abendroth, assignors.)
Hungerford, Warren H., Chicago, Ill. Biscuit-handling machine. 1,575,207; Mar. 2.
Hunn, Sidney M., Woodhaven, assignor to Thomas & Buckley Hoisting Co., New York, N. Y. Brake for motor-operated hoists. 1,574,975; Mar. 2.
Hunter, David, New Orleans, La. Induction heating and ventilating system. 1,574,892; Mar. 2.
Hurd, Norman B., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 1,575,589; Mar. 2.
Hutchings, Leroy E., assignor, by mesne assignments, to Acme Card System Company, Chicago, Ill. Visible-card system. 1,574,893; Mar. 2.
Ibbetson, Thomas F., and T. F. Morrison, Chanute, Kans. Carbon remover. 1,575,054; Mar. 2.
Illinois Watch Case Company. (See Eppenstein, Louis A., assignor.)
Ingersoll-Rand Company. (See Bancel, Paul A., assignor.)
Ingersoll-Rand Company. (See Brackett, John C., assignor.)
Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)
Ingersoll-Rand Company. (See Lear, Earl B., assignor.)
Ingersoll-Rand Company. (See Redfield, Snowden B., assignor.)
Ingersoll-Rand Company. (See Slater, Fred M., assignor.)
Ingersoll-Rand Company. (See Tuttle, Grover G., assignor.)
Ingram, Walter M., Baltimore, Md. Rotary engine. 1,574,976; Mar. 2.
International Combustion Engineering Corporation. (See McEwen, Samuel, assignor.)
International Motor Company. (See Lipcot, Fred L., assignor.)
International Patents Development Company. (See Chalmers, G. W. and Wilson, assignors.)

Irving-Pitt Manufacturing Company. (See Van Valkenburgh, Richard M., assignor.)
Irwin-Hodson Company. (See Lenk, Frank X., assignor.)
Isom, Edward W., Winnetka, Ill., and J. E. Bell, Brooklyn, N. Y., assignors to Sinclair Refining Company, Chicago, Ill. Apparatus for condensing vapors. 1,575,269; Mar. 2.
Jablow, Charles. (See Pendleton, A. H. and Jablow.)
Jacobs, Frederick L., Detroit, Mich. Metal ladder. 1,575,208; Mar. 2.
Jakobey, John, East Youngstown, Ohio. Christmas-tree holder. 1,575,468; Mar. 2.
Jankowsky, Simon, Tulsa, Okla. Intercheangeable supporting structure. 1,575,270; Mar. 2.
Japolsky, Nicolas, and M. Kostenko, London, England, B. Woronoff and C. Sabaneew, Petrograd, Russia. Device for the distant control of a movable member. 1,575,055; Mar. 2.
Jarrett, Frank S., Upper Darby Township, Delaware County, Pa. Floor lamp. Des. 69,585; Mar. 2.
Jansson, Theodore A., Johnson City, assignor to Ansco Photoproducts, Inc., Binghamton, N. Y. Adjustable tripod or other support. 1,574,894; Mar. 2.
Jeffrey Manufacturing Company, The. (See Levin, Nils D., assignor.)
Jespersen, Aksel T., Omaha, Nebr. Drawing instrument. 1,575,209; Mar. 2.
Jezler, Hubert, assignor to C. Klaiber and E. Hahnloser, Zurich, Switzerland. Skinning tool. 1,574,819; Mar. 2.
Johnsen, Einar A., Mountain Lakes, N. J. Condenser. 1,575,368; Mar. 2.
Johnson, Alfred K., Chicago, Ill. Skate. 1,575,365; Mar. 2.
Johnson, Alvin L., Springfield, and W. G. Warren, Holden, Mass. Double-screw jack. 1,575,166; Mar. 2.
Johnson Bros. Engineering Corporation. (See Johnson, Louis J. and H. L., assignors.)
Johnson, George W., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Collar-conditioning apparatus. 1,575,366; Mar. 2.
Johnson, Harry L. (See Johnson, Louis J. and H. L.)
Johnson, Howard W. (See Cuny, C. D., and Johnson.)
Johnson, Joseph H., Los Angeles, Calif. Lumber-stacking device. 1,574,895; Mar. 2.
Johnson, Louis J., Mishawaka, and H. L. Johnson, Indianapolis, assignors to Johnson Bros. Engineering Corporation, South Bend, Ind. Outboard-motor mounting. 1,574,977; Mar. 2.
Johnson, Reginald H., Newark, N. J. Felt fabric. 1,574,896; Mar. 2.
Johnson, Roy W., Winona, Minn. Shaping mechanism. 1,575,367; Mar. 2.
Johnson, Theodore G., Kansas City, Mo. Chimney. 1,575,056; Mar. 2.
Johnson, Theodore G., Kansas City, Mo. Floor dressing and polishing device. 1,575,057; Mar. 2.
Johnson, Theodore G., Kansas City, Mo. Mop. 1,575,058; Mar. 2.
Johnson, William C. (See Nowak, J. A., and Johnson.)
Johnston, Frank H., assignor, by mesne assignments, to Acme Card System Company, Chicago, Ill. Reversible card-index holder. 1,574,897; Mar. 2.
Johnston, Howard L., Forest Hills Borough, Pa., assignor to Westinghouse Electric & Manufacturing Company. Lamp canopy. Des. 69,586; Mar. 2.
Johnston, Jason A. H., Framingham, Mass. Shackle cover. 1,574,898; Mar. 2.
Johnstone, Edward C., Spartanburg, S. C. Heater for liquid-circulating systems. 1,575,580; Mar. 2.
Jonas, Julius, Meierhof, and O. Seitz, Oberer Kappelerhof, assignors to Aktiengesellschaft Brown, Boveri and Cie., Baden, Switzerland. Direct-indicating high-vacuum meter. 1,575,059; Mar. 2.
Jones, James D., Sault Ste. Marie, Ontario, Canada, and E. E. Litz, Sault Ste. Marie, Mich. Open-hearth furnace. 1,575,060; Mar. 2.
Jones, Leo D., and A. U. Ayres, Philadelphia, Pa. Centrifugal machine and process involving the use of the same. 1,575,061; Mar. 2.
Jones, Leo D., assignor to The Sharples Specialty Company, Philadelphia, Pa. Process and apparatus for securing temporary intimate contact between immiscible liquids. 1,575,116; Mar. 2.
Jones, William W., Toledo, Ohio. Excavator. 1,574,820; Mar. 2.
Jordan, Albridge C., Eau Claire, Wis. Windshield for closed cars. 1,575,581; Mar. 2.
Joseph & Feiss Company, The. (See Feiss, Richard A., assignor.)
Joy, Ernest M., Hollywood, Md. Nail driver and set. 1,575,582; Mar. 2.
Juillard, Ernest, Geneva, assignor to The Ateliers H. Cuénod Société Anonyme, Chatelaine, near Geneva, Switzerland. Burner for liquid fuel. 1,575,369; Mar. 2.
Kaiser, Ernest F., New York, N. Y. Electrical hand polishing machine. 1,575,062; Mar. 2
Kalamazoo Loose Leaf Binder Company. (See Wigginton, George P., assignor.)
Kämpf, Adolf, Premnitz, Westhavelland, Germany. Manufacture of fibers, tape, etc., from viscose. 1,575,210; Mar. 2.
Karpinsky, Stephan, Sevres, and J. S. Anderson, St.-Ouen, France. Apparatus for the manufacture of butter. 1,574,821; Mar. 2
Kaufmann, Max, & Co. Inc. (See Schey, Robert, assignor.)
Kawakami, Kaneshi, Hongo-Ku, Tokyo, Japan. Manufacturing a lead accumulator. 1,575,167; Mar. 2.
Keene, Alvin D., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Oxide terminal. 1,575,117; Mar. 2.
Keller, Andrew P., and J. V. Schlereth, jr., Tiffin, Ohio. Grating for prison windows, cells, or the like. 1,575,348; Mar. 2.
Keller Mechanical Engineering Corporation. (See Bachmann, Alwin B., assignor.)
Kellogg, Albert T., Houston, Tex. Glareshield. 1,574,899; Mar. 2.
Kellogg, M. W., Company, The. (See Kellogg, Morris W., assignor.)
Kellogg, Morris W., Brookville, N. Y., assignor to The M. W. Kellogg Company. Apparatus and method for making openings in pipes, cylindrical tanks, etc. 1,574,900; Mar. 2.
Kempston, Arthur, and G. J. Henry, assignors to Majestic Electric Appliance Co., San Francisco, Calif. Electric heater 1,575,211; Mar. 2.
Kendle, Albert F., Syracuse, Nebr. Alarm-clock mechanism. 1,575,063; Mar. 2.
Kennedy, Albert H., Rockport, Ind. Duplex pump gear. 1,575,583; Mar. 2.
Kennedy, Frank M., Clarendon, Ark Axle. 1,575,064; Mar. 2.
Kermer, Martin J., Evanston, Ill. Crystalliser. 1,575,584; Mar. 2.
Kestell, Philip, assignor to Thomas Day Company, San Francisco, Calif. Lighting fixture. 1,575,168; Mar. 2.
Kiesberg, Henry, Martins Ferry, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Barrel cleat. 1,574,978; Mar. 2.
Killingsworth, Samuel J., Brewton, Ala. Chimney holder. 1,575,169; Mar. 2.
Killough, John D., et al. (See McCombs, Charles C., assignor.)
King, Benjamin C., Brooklyn, N. Y. Externally-operated current-controlling device. 1,575,585; Mar. 2.
Kingsbury, Harry T., Keene, N. H. Spring motor. 1,575,065; Mar. 2.
Kinnear Manufacturing Company, The. (See Greegor, Ralph H., assignor.)
Kirk, Walter I., and L. E. Petersen, assignors, by mesne assignments, to Marquette Music Company, Chicago, Ill. Stringed musical instrument. 1,575,212; Mar. 2.
Klaiber, Carl, et al. (See Jezler, Hubert, assignor.)
Klattenburg, Reinoldt, and J. M. Nielsen, Albion, Nebr. Water excluder. 1,575,586; Mar. 2.
Kleen Products Company. (See Bothe, Andreas, assignor.)
Klein, Peter, Elizabeth, N. J., assignor of one-half to E. von der Hüllz, New York, N. Y. Fire safety device. 1,575,344; Mar 2.
Kleinman, Hyman, Louisville, Ky. Sewed skin. 1,575,345; Mar. 2.
Knight, Clayton, Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile Fabric. Des. 69,596; Mar. 2.
Knight, Clayton, Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,597; Mar. 2.
Knight, Clayton, Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,598; Mar. 2.
Knight, Clayton, Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,599; Mar. 2.
Knight, Clayton, Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,600; Mar. 2.
Knight, George F. (See Tardif, Joseph O., assignor.)
Knight, Katharine S., Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,587; Mar. 2.
Knight, Katharine S., Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,588 Mar. 2.
Knight, Katharine S., Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,589; Mar. 2.
Knight, Katharine S., Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,590; Mar. 2.
Knight, Katharine S., Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,591; Mar. 2.
Knight, Katharine S., Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,592; Mar. 2.
Knight, Katharine S., Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,593; Mar. 2.
Knight, Katharine S., Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,594; Mar. 2.
Knight, Katharine S., Roslyn, N. Y., assignor to Stehli Silks Corporation. Textile fabric. Des. 69,595; Mar. 2.
Knoblauch, Curt G., Chicago, assignor, by mesne assignments, to G. Garst, Lake Bluff, Ill. Screening device. 1,575,601; Mar. 2.
Knopp, Otto A., Oakland, Calif. Ignition system. 1,575,170; Mar. 2.

Koch, Frederick J., Dallas, Tex. Trolley parking garage for motor vehicles. 1,574,822; Mar. 2.
Kohnt, George S., Kool, Wyo. Plow. 1,575,171; Mar. 2.
Kof, Samuel, New York, N. Y. Box. 1,575,489; Mar. 2.
Kohler, John F., Larchmont Manor, N. Y. Pie-making machine. 1,575,214; Mar. 2.
Kohler, John F., White Plains, assignor to New York Pie Baking Company, New York, N. Y. Machine for rolling pie-crust dough. 1,575,218; Mar. 2.
Kohn, Mathis A., Milwaukee, Wis. Garbage incinerator. 1,575,215; Mar. 2.
Korte, Martin C., and L. N. Wickert, Fort Wayne, Ind. Vaporizer for hydrocarbon engines. 1,574,901; Mar. 2.
Kostenko, Michael. (See Japolsky, N., Kostenko, Woronoff, and Sabaneew.)
Kowarski, Gregor, Berlin, Germany. Manufacturing of wheels. 1,574,902; Mar. 2.
Krakauer Bros. (See Breitzfelder, Israel E. and M. K., and Shady, assignors.)
Krech, Frederick W., assignor of one-half to R. C. Hanson, Chicago, Ill. Foot supporting and correcting device. 1,575,490; Mar. 2.
Kristiansands, Nikkelraffineringsverk. (See Giertsen, Siguard, assignor.)
Kronquest, William C., assignor to Acme Steel Company, Chicago, Ill. Method of and apparatus for treating metal. 1,574,823; Mar. 2.
Krueger, August H., Luray, Kans. Adjustable and foldable luggage carrier. 1,575,491; Mar. 2.
Kucera, Peter, assignor to Capstan Glass Company, Connellsville, Pa. Collapsible crate. 1,574,904; Mar. 2.
Kucera, Peter P., assignor to Capstan Glass Company, Connellsville, Pa. Glass machine. 1,574,903; Mar. 2.
Kuehn, Kurt, and O. Ribbeck, Manitowoc, Wis. Fishing bobber. 1,575,216; Mar. 2.
Kugel, Arthur L. (See Bartle, George H., assignor.)
Kupets, Adolph G., New Rochelle, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,574,905; Mar. 2.
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,574,824; Mar. 2.
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,574,906; Mar. 2.
Lacey, Willie E., Royal, Iowa. Starter-pawl tripper for magnetos. 1,575,066; Mar. 2.
Labey, John A., assignor to Vulcan Detinning Company, Sewaren, N. J. Separation and recovery of arsenic and/or antimony and tin. 1,575,217; Mar. 2.
La Hodny, William, assignor to Standard Mirror Company, Inc., Buffalo, N. Y. Windshield-wing mounting. 1,574,907; Mar. 2.
La Marsna, Gerrard C., Taft, Calif. Adjustable base for power-plant units. 1,575,492; Mar. 2.
Lambert, Leon B., Wichita, Kans. Functioning parts of mineral-type detectors. 1,575,067; Mar. 2.
Lamp, Fred C., Cleveland, Ohio. Telescopic safety-zone standard. 1,574,908; Mar. 2.
Lamson Company, The. (See Maclaren, James G., assignor.)
Lang, Philip, assignor to Wagner Manufacturing Company, Cedar Falls, Iowa. Door latch. 1,575,493; Mar. 2.
Langjahr, Arvin T., Colby, Wis. Visible-record file. 1,574,909; Mar. 2.
Latta, Allen T. (See Latta, Charles, assignor.)
Latta, Charles, assignor of one-half to A. T. Latta, St. Louis, Mo. Internal-combustion engine. 1,575,218; Mar. 2.
Laury, Sylvester H., Carlisle, Pa. Reenforced fabric. 1,575,428; Mar. 2.
Laveadier, Frank A., Pawtucket, R. I. Ironing board. 1,575,494; Mar. 2.
Lawrence, Jay F., Chicago, Ill. Chain door fastener. 1,575,429; Mar. 2.
Lawrence, Theodore M., Seattle, Wash. Artificial limb. 1,575,068; Mar. 2.
Leach, Martin, Bozeman, Mont. Self-feeder for thrashing machines. 1,574,825; Mar. 2.
Lear, Earl B., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Double-drum hoist. 1,574,910; Mar. 2.
Lear, Earl B., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Double-drum hoist. 1,574,911; Mar. 2.
Lear, Earl B., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Double-drum hoist. 1,574,912; Mar. 2.
Lear, John, and C. A. Brost, Nashua, Mont. Spotting jack. 1,575,430; Mar. 2.
Legg, Joseph W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit interrupter. 1,574,979; Mar. 2.
Lehr, Louis, Brighton Heights, assignor to S. Bruner, Far Rockaway, N. Y. Finger ring. 1,574,826; Mar. 2.
Lenk, Frank X., assignor to Irwin-Hodson Company, Portland, Oreg. Ear-tag tongs. 1,575,069; Mar. 2.
Levin, Nils D., assignor to The Jeffrey Manufacturing Company, Columbus, Ohio. Coal-mining machine. 1,575,431; Mar. 2.
Levis, John H., jr., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Manual telephone system. 1,575,495; Mar. 2.
Levy, Isaac, New York, N. Y., assignor to Metropolitan-Columbia Mfg. Co., Inc. Chandelier. Des. 69,601; Mar. 2.
Lewis, Allan W., Vancouver, British Columbia, Canada. Log carrier. 1,575,070; Mar. 2.
Lewis, Simeon E., Bloomfield, Mo. Invisible pipe fastener. 1,575,432; Mar. 2.
Libbey-Owens Sheet Glass Company, The. (See Grolemund, Lawrence A., assignor.)
Libbey-Owens Sheet Glass Company, The. (See McKinley, Thomas C., assignor.)
Libbey-Owens Sheet Glass Company. (See Rowley, Clifford A., assignor.)
Lichtenthaeler, Frank E., Newton Highlands, Mass. Denaturing machine. 1,575,433; Mar. 2.
Liftin, Harry. (See Benjamin, P., Steinhardt, and Liftin.)
Limpright, Clifford, assignor to Utility Manufacturing Company, Marysville, Wash. Clothespin. 1,575,590; Mar. 2.
Lindburg, Joseph, Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,574,980; Mar. 2.
Linde Air Products Company, The. (See Haynes, Pierre E., assignor.)
Linden, Frank L., Chicago, Ill. Bracket plate for lighting fixtures. Des. 69,602; Mar. 2.
Lipcot, Fred L., assignor to International Motor Company, New York, N. Y. Cushioned connection between the spring and axle of motor vehicles. 1,575,118; Mar. 2.
Lippert, Paul, and J. S. Dean, Chicago, Ill. Soot blower. 1,574,981; Mar. 2.
Lipshitz, Bernard. (See Eisenstark, I., and Lipshitz.)
Lisher, Walker B., Martinez, Calif. Safety light. 1,574,982; Mar. 2.
Litchfield, Isaac W., Newtonville, assignor to Litchfield Linoplate Co., Boston, Mass. Lock-up galley or chase. 1,574,827; Mar. 2.
Litchfield Linoplate Co. (See Litchfield, Isaac W., assignor.)
Litz, Earl E. (See Jones, J. D., and Litz.)
Ljusne-Woxna Aktiebolag. (See Holmberg, Axel E., assignor.)
Locomotive Firebox Company. (See Hawley, Charles G., assignor.)
Locomotive Firebox Company. (See Nicholson, John L., assignor.)
Lohn, Peter, Fort Lee, N. J. Method and apparatus for treating cinematographic films. 1,575,346; Mar. 2.
Loomis, Virgil V., Pittsburgh, Pa. Lemon reamer. Des. 69,603; Mar. 2.
Lorenz, Edward H., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass-delivering apparatus. 1,575,370; Mar. 2.
Lorraine, David G., Los Angeles, assignor of one-half to W. L. Burrough, Fullerton, Calif. Throttling device. 1,575,119; Mar. 2.
Louderback, George B., Compton, Calif. Well tool. 1,575,120; Mar. 2.
Lowden, Joseph H., Elyria, Ohio. Liquid receiving and conveying device. 1,575,371; Mar. 2.
Lucas, John W., Los Angeles, Calif. Water cooler and refrigerator. 1,575,347; Mar. 2.
Lucas, Joseph C., Blandinsville, Ill. Hog trap. 1,574,828; Mar. 2.
Luce, Louis L., and L. Mattson, Oakland, assignors to Luce-Mattson Engine Company, San Francisco, Calif. Internal-combustion engine. Re16,281; Mar. 2.
Luce-Mattson Engine Company. (See Luce, L. L., and Mattson, assignors.)
Lukaszewski, John, Chicago, Ill. Switch. 1,575,172; Mar. 2.
Luman, Avie J., Berkeley, Calif. Door bolt. 1,575,071; Mar. 2.
Luscher, Harry W., Carrollville, Wis., assignor to United States Glue Company. Drying gelatin. 1,575,348; Mar. 2.
Lyons, George W., assignor to The Lyons Manufacturing Company, New Haven, Conn. Cigarette case. 1,575,121; Mar. 2.
Lyons Manufacturing Company, The. (See Gregory, Ernest, assignor.)
Lyons Manufacturing Company. (See Lyons, George W., assignor.)
Lystad, Marmaduke C., Chicago, Ill. Child's vehicle. 1,574,829; Mar. 2.
MacGregor, David R., Rochester, Minn. Individual towel and soap vending machine. 1,574,834; Mar. 2.
MacKenzie, George W., and W. C. MacMillen, Beaver, Pa., assignors to Guarantee Liquid Measure Company, Rochester, N. Y. Atmospheric valve. 1,575,351; Mar. 2.
Mackoff, H. A., et al. (See Meschke, Gustave E., assignor.)
Maclaren, James G., Mamaroneck, N. Y., assignor, by mesne assignments, to The Lamson Company. Distributing apparatus for dispatch systems. 1,575,352; Mar. 2.
Maclean, Robert, assignor to Amalgamated Roofing Company, Chicago, Ill. Coating roofing and other similar materials for covering building surfaces. 1,574,835; Mar. 2.
MacMillen, William C. (See MacKenzie, G. W., and MacMillen.)

Madsen, Charles P., assignor to Madsenell Corporation, New York, N. Y. Mold, die, and the like and making the same. 1,575,122; Mar. 2.
Madsenell Corporation. (See Madsen, Charles P., assignor.)
Magrath, Arthur C., New Dorp, assignor to Western Electric Company, Incorporated, New York, N. Y. Card holder for calling dials. 1,575,353; Mar. 2.
Majestic Electric Appliance Co. (See Kempston, A. and Henry, assignors.)
Malley, Victor S. (See Matthews, A., Malley, and Rawley.)
Mallinson, H. R., & Co. (See Podhradsky, Zdenko, assignor.)
Manhattan-Rome Company (See Sisbower, G. F., and Pittoni, assignors.)
Manly, Samuel H., Granbury, Tex. Insect-destroying machine. 1,575,072; Mar. 2.
Mann, George W., Webb City, assignor of one-half to J. Gripka, Wentworth, Mo. Self-feeder. 1,575,173; Mar. 2.
Manning, Landon C., New York, N. Y. Vending-machine casing. Des. 69,604; Mar. 2.
Mansir, Clifford E., assignor to A. H. Hews & Co., Incorporated, Cambridge, Mass. Molding machine. 1,574,986; Mar. 2.
Manson, Ray H., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Radioplug. 1,575,496; Mar. 2.
Marcellus, Brooks, assignor to Barber-Colman Company, Rockford, Ill. Stopping and restarting mechanism 1,575,373; Mar. 2.
Margolis, Joseph, and M. Volinetz, New York, N. Y. Poultry coop. 1,575,374; Mar. 2.
Marlin Firearms Corporation, The. (See Swebilius, Carl G., assignor.)
Marquette Manufacturing Company. (See Noedgren, Algot W., assignor.)
Marquette Music Company. (See Kirk, W. I., and Petersen, assignors.)
Marston, Maxwell R., Philadelphia, Pa. Golf club. 1,574,915; Mar. 2.
Martin, Morris A., Los Angeles, Calif. Portable miter box. 1,575,354; Mar. 2.
Martin, Talbot G., Chicago, Ill., assignor, by mesne assignments, to Automatic Electric, Inc. Telephone-exchange system. 1,574,836; Mar. 2.
Martocci-Pisculli, Leon, New York, N. Y. Medical appliance. 1,575,128; Mar. 2.
Marx, Carl, Wyoming, Milburn Township, Essex County, N. J., assignor to Union Sulphur Company. Producing purified sulphur. 1,574,987; Mar. 2.
Marx, Carl, Wyoming, Milburn Township, Essex County, N. J., assignor to Union Sulphur Company. Producing purified sulphur from impure sulphur or ores containing the same in elemental form. 1,574,988; Mar. 2.
Maryland Baking Company. (See Rach, John L. W., assignor.)
Maserang, John B., Belleville, Ill. Receptacle. 1,574,837; Mar. 2.
Matthews, Albert, V. S. Malley, and H. W. Rawley, Brighton, England. Retreading and vulcanizing apparatus for tires. 1,575,434; Mar. 2.
Mattson, Leroy. (See Luce, L. L., and Mattson.)
Mayberry, James T., et al. (See Mayberry, John A., assignor.)
Mayberry, John A., Bell, assignor of one-fifth to T. A. Mayberry, J. T. Mayberry, G. O. Heffner, and W. E. Alderson, Huntington Park, Calif. Tamper. 1,575,355; Mar. 2.
Mayberry, Thomas A., et al. (See Mayberry, John A., assignor.)
Maynard, Albert E., assignor to American Optical Company, Southbridge, Mass. Lens cutter. 1,574,989; Mar. 2.
Maynard, Mark K., Colton, Wash. Window lock. 1,575,485; Mar. 2.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,575,349; Mar. 2.
McCartney, Will C., Cambridge, Ohio. Combination cream and sugar tray. Des. 69,605; Mar. 2.
McClay, Charles E. (See McClay, Margaret E. and C. E.)
McClay, Margaret E. and C. E., Los Angeles, Calif. Sunshade. 1,575,219; Mar. 2.
McCombs, Charles C., Sherman, assignor of one-third to W. R. Duffey, Fort Worth, and one-third to J. D. Killough, Stephenville, Tex. Pocket check protector. 1,574,830; Mar. 2.
McCormick, William E. S., Rush Run, W. Va. Portable unloading machine. 1,574,831; Mar. 2.
McCoy, Elijah, assignor to A. Havard, A. L. Stricker, and M. E. Warren, Detroit, and A. and W. Ziebert, Jackson, Mich. Lubricator. 1,574,983; Mar. 2.
McDill, Rex D., Cienfuegos, Cuba. Key retainer. 1,574,832; Mar. 2.
McEwen, Samuel, London, England, assignor to International Combustion Engineering Corporation, New York, N. Y. Burning fuel and apparatus therefor. 1,575,350; Mar. 2.
McGarvey, Robert W., Philadelphia, Pa. Safety razor. 1,574,833; Mar. 2.
McKenna, John. (See Stocking, Harry W., assignor.)
McKinley, Thomas C., Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Drawing sheet glass. 1,574,984; Mar. 2.
McLaughlin, Celia B., administratrix. (See McLaughlin, Wharton B.)
McLaughlin, Wharton B., deceased, New York, N. Y.; C. B. McLaughlin, administratrix. Fermenting or curing cocoa beans and product resulting from such fermentation or curing. 1,575,372; Mar. 2.
McLaughlin, William B. (See Denny, C. W., McLaughlin, and Helwig.)
McManaman, F. J. (See Blanton, Mitchell L., assignor.)
McManus, Charles E., New York, N. Y. Bottle-cap-assembling machine. 1,574,913; Mar. 2.
McMyler-Interstate Company, The. (See Crist, Robert W., assignor.)
McNamara, William L., assignor to Capstan Glass Company, Connellsville, Pa. Automatic conveyer signal. 1,574,914; Mar. 2.
McWain, Eugene E., Glendale, Calif. Mounting for vibrating machines. 1,574,985; Mar. 2.
Meacham, Haskell K., Lone Oak, Tex. Riding toy. 1,574,990; Mar. 2.
Mehlum, Casper, Waltham, Mass. Machine for making fiber tubes. 1,574,991; Mar. 2.
Merco Nordstrom Valve Company. (See Mills, L. D., and Nordstrom, assignors.)
Merco Nordstrom Valve Company. (See Nordstrom, Sven J., assignor.)
Meschke, Gustave E., Medora, assignor of one-third to J. B. Chaussee, and one-third to H. A. Mackoff, Dickinson, N. Dak. Automobile radiator. 1,575,497; Mar. 2.
Metropolitan-Columbia Mfg. Co. (See Levy, Isaac, assignor.)
Meyer, Francis T., Montclair, N. J., assignor to Meyer-Sniffen Co., New York, N. Y. Sanitary fixture. 1,575,220; Mar. 2.
Meyer-Sniffen Co. (See Meyer, Francis T., assignor.)
Michael, Loren P., Elmhurst, assignor of one-half to H. T. Beatley, Oak Park, Ill. Boiler. 1,575,375; Mar. 2.
Midgley, Thomas, jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Using low-compression fuels. 1,575,436; Mar. 2.
Midgley, Thomas, jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Using low-compression fuels. 1,575,437; Mar. 2.
Midgley, Thomas, jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Using low-compression fuels. 1,575,438; Mar. 2.
Midgley, Thomas, jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Using low-compression fuels. 1,575,439; Mar. 2.
Midgley, Thomas, jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Using low-compression fuels. 1,575,440; Mar. 2.
Midgley, Thomas, jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Using low-compression fuels. 1,575,441; Mar. 2.
Midgley, Thomas, jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Using low-compression fuels. 1,575,442; Mar. 2.
Midgley, Thomas, jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Using low-compression fuels. 1,575,443; Mar. 2.
Midgley, Thomas, jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Using low-compression fuels. 1,575,444; Mar. 2.
Midland Steel Products Company, et al. (See Putnam, Alden L., assignor.)
Mierzejewski, Franciszek B., Adams, Mass. Motor sleigh. 1,575,174; Mar. 2.
Miller Automatic Signal Light Company. (See Miller, James M., assignor.)
Miller, Charles A., Bainbridge, Ga., assignor to Miller Manufacturing Company. Automatic bottle feeder and unloader. 1,575,175; Mar. 2.
Miller, Henry C., Milwaukee, Wis. Loose-leaf binder. 1,574,916; Mar. 2.
Miller, Henry C., Milwaukee, Wis. Loose-leaf binder. 1,574,992; Mar. 2.
Miller, James M., assignor to Miller Automatic Signal Light Company, Washington, D. C. Automatic signal. 1,575,445; Mar. 2.
Miller, James M., assignor to Miller Automatic Signal Light Company, Washington, D. C. Direction-indicator switch. 1,575,446; Mar. 2.
Miller Manufacturing Company. (See Miller, Charles A., assignor.)
Mills, Louis D., Redwood City, and S. J. Nordstrom, assignors to Merco Nordstrom Valve Company, San Francisco, Calif. Valve. 1,575,356; Mar. 2.
Milner, Alage L., Tolbert, Tex. Bias binding tape. 1,575,357; Mar. 2.

Miner, Douglas F., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Bus bar. 1,574,993; Mar. 2.
Mitchell, John A., Lawson, Saskatchewan, Canada. Grain-drill tooth. 1,574,917; Mar. 2.
Mixer, Fred N., assignor to The General Phonograph Manufacturing Company, Elyria, Ohio. Push button. 1,575,376; Mar. 2.
Mock, James C., Detroit, Mich. Carrier support for switch and signal rods. 1,575,377; Mar. 2.
Moline Implement Company. (See Henry, Raymond, assignor.)
Moline Implement Company. (See Howard, Otis W., assignor.)
Moline Implement Company. (See Seaholm, John P., assignor.)
Monogahela Supply Company. (See Rundell, Frederick T., assignor).
Moore, Arlington, Boston, Mass. Paper receptacle. 1,575,124; Mar. 2.
Moore, Charles A., St. Paul, Minn. Ventilating apparatus. 1,575,447; Mar. 2.
Moore, Charles C., San Francisco, Calif. Apparatus for the dehydration of vegetable materials. 1,574,994; Mar. 2.
Moore, Lewis S., Minneapolis, Minn. Loose pocket for loose-leaf books. 1,574,838; Mar. 2.
Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,575,176; Mar. 2.
Moran, Lawrence, Chicago, Ill. Drop-cord holder. 1,575,177; Mar. 2.
Morrill, Charles W. (See Frazine, W. H., and Morrill.)
Morris, Dowling C., and J. W. Palmer, Chattanooga, Tenn. Pipe and nut wrench. 1,575,448; Mar. 2.
Morris, George S. (See Dean, Herbert, assignor.)
Morrison, Thomas F. (See Ibbetson, T. F., and Morrison.)
Morse, Albert W., Long Island City, N. Y. Oil-burning unit. 1,574,839; Mar. 2.
Morse, Frank H., Detroit, Mich. Folding cot. 1,575,221; Mar. 2.
Mortenson, Morten, South Range, Wis. Bobsled. 1,574,981; Mar. 2.
Motor Wheel Corporation. (See Forsyth, George H., assignor.)
Motor Wheel Corporation, et al. (See Putnam, Alden L., assignor.)
Mt. Carmel Manufacturing Company, The. (See Goodman, Joseph, assignor.)
Mount, James L., Chicago, Ill. Traffic signal for automobiles. Des. 69,606; Mar. 2.
Mozian, Seon L., New York, N. Y. Valve. 1,575,449; Mar. 2.
Muller, Ferdinand C. H., Sandusky, Ohio, assignor, by mesne assignments, to M. Prussian, Detroit, Mich. Slotting machine. 1,574,995; Mar. 2.
Muller, Franklyn R., Inc. (See Muller, Franklyn R., assignor.)
Muller, Franklyn R., Lake Bluff, assignor to Franklyn R. Muller, Inc., Waukegan, Ill. Manufacturing mastic sheet material. 1,575,378; Mar. 2.
Mummert, Harvey C. (See Gilmore, W. L., and Mummert.)
Munson, Roy A., Freeport, Ill. Drive unit for stokers. 1,575,358; Mar. 2.
Murdock, Julian H., Boston, assignor to Pollock Pen Company, South Boston, Mass. Fountain pen. 1,574,919; Mar. 2.
Murray, Alexander. (See Beebe, M. C., and Murray.)
Murray, Thomas E. (See Rypinski, Albert B., assignor.)
Murray, Thomas E., Brooklyn, N. Y. Fuse-switch mechanism. 1,574,996; Mar. 2.
Murphree, Loid E., Chandler, Ariz. Alfalfa cultivator. 1,574,840; Mar. 2.
Murphy, Richard E., California, Pa., assignor to Sullivan Machinery Company. Mining apparatus. 1,574,920; Mar. 2.
Myatt, Francis L. (See Albright, A. I., and Myatt.)
Myers, Roy A., St. Paul, Minn. Waiter's punch. 1,574,841; Mar. 2.
Nash, Clarence A., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Plastic composition material and producing the same. 1,574,842; Mar. 2.
Neill, Roy D. (See Pohl, H. H., and Neill.)
Nelson, Herbert W., Buhl, Minn. Brake lock for railway cars. 1,574,921; Mar. 2.
Nelson, Nels T., Attleboro, assignor to J. F. Sturdy's Sons Co., Attleboro Falls, Mass. Bracelet. 1,575,222; Mar. 2.
Nelson, Sven T., Michigan City, Ind., assignor to Sullivan Machinery Company. Core drill. 1,574,922; Mar. 2.
Nenninger, Lester F. (See Einstein, S., and Nenninger.)
Nenninger, Lester F. (See Einstein, S., Nenninger, and Archea.)
Nessler, Charles G., New York, N. Y. Hair-waving device. 1,574,923; Mar. 2.
Newman, George W., Chicago, Ill., assignor to Wilson-Jones Loose Leaf Company. Ring-book cover. 1,575,450; Mar. 2.
Newman, George W., Chicago, Ill., assignor to Wilson-Jones Loose Leaf Company. Ring-book lock. 1,575,591; Mar. 2.
New York Pie Baking Company. (See Kohler, John F., assignor.)
New York Zinc Co. (See Wade, William R., assignor.)
Nicholson, John L., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler. 1,574,997; Mar. 2.
Nicholson, John L., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler. 1,575,073; Mar. 2.
Nielsen, Jens M. (See Klattenburg, R., and Nielsen.)
Nilson, Karl J. E., Detroit, Mich. Motor sled. 1,574,924; Mar. 2.
Nordgren, Algot W., assignor to Marquette Manufacturing Company, St. Paul, Minn. Combination fender brace, bumper, and trunk support. 1,575,074; Mar. 2.
Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Scoring machine. 1,575,223; Mar. 2.
Nordstrom, Sven J. (See Mills, L. D., and Nordstrom.)
Nordstrom, Sven J., Saratoga, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Valve. 1,574,925; Mar. 2.
Nordstrom, Sven J., assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Valve. 1,575,125; Mar. 2.
Norton, Allen B., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Multipart core. 1,575,498; Mar. 2.
Norton, Ernest C., Moline, Ill. Piston ring. 1,574,926; Mar. 2.
Novelty Products, Inc. (See Winder, Samuel E., assignor.)
Nowak, Joseph A., and W. C. Johnson, Minneapolis, Minn. Velocipede. 1,574,843; Mar. 2.
Nutt, Arthur, Buffalo, N. Y., assignor to Curtiss Aeroplane & Motor Company, Inc. Lubrication system for aeronautical motors. 1,575,359; Mar. 2.
Nystrom, Oscar P., assignor to Holland Furnace Company, Holland, Mich. Furnace humidifier. 1,575,379; Mar. 2.
Nystrom, Oscar P., assignor to Holland Furnace Company, Holland, Mich. Furnace humidifier. 1,575,380; Mar. 2.
O'Donovan, David S., Vogelfontein, Transvaal, assignor to O'Donovan Furnaces Limited, Johannesburg, South Africa. Magnetically-controlled heat treatment of materials. 1,575,178; Mar. 2.
O'Donovan Furnaces Limited. (See O'Donovan, David S., assignor.)
Oelkers, Alfred H., Springfield, Mo. Water column for locomotives. 1,575,381; Mar. 2.
Ohio Varnish Company, The. (See Devine, Thomas M., assignor.)
Oil Products Appliance Co. (See Wyckoff, Andrew D., assignor.)
Olley, Raymond H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Electric switch. 1,575,179; Mar. 2.
O'Maley, George T., Kansas City, Mo. Amusement device. 1,575,075; Mar. 2.
O'Neill, Henry W., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,575,271; Mar. 2.
O'Neill, Henry W., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,575,272; Mar. 2.
Opacity, John, Newark, N. J. Cross-stitch attachment for patch machines. 1,575,273; Mar. 2.
Open Hearth Combustion Company. (See Danforth, George L., jr., assignor.)
Oppenheim, René, assignor to Societe Anonyme Le Carbone, Levallois-Perret, France. Protecting gas-absorbing substances from penetration by liquids. 1,574,844; Mar. 2.
Oppenheim, René, assignor to Societe Anonyme Le Carbone, Levallois-Perret, France. Electric battery. 1,574,845; Mar. 2.
Ordway, Nehemiah W., Hartford, Conn. Tool-maker's gauge. 1,574,846; Mar. 2.
Osborne, Edwin D., Racine, Wis. Foot pedal. 1,575,224; Mar. 2.
Otto, Julius H., Macon, Ga. Packer's mitt. 1,574,927; Mar. 2.
Packard Motor Car Company. (See Moorhouse, Alfred, assignor.)
Page, Alfred, London, England. Electric switch. 1,575,076; Mar. 2.
Page, Samuel H., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. Des. 69,607; Mar. 2.
Painter, Arthur, Berkeley, Calif. Baggage carrier for automobiles. 1,575,225; Mar. 2.
Palmer, Albert M., jr. (See Palmer, Albert M., sr., and A. M., jr.)
Palmer, Albert M., sr., and A. M., jr., Logan, Iowa. Gopher trap. 1,574,847; Mar. 2.
Palmer, Charles A., Seattle, Wash., assignor, by mesne assignments, to V. B. Vaughan. Dental mold cup. Re16,280; Mar. 2.
Palmer, John W. (See Morris, D. C., and Palmer.)
Paramount Rubber Consolidated Inc. (See Robert, Fred T., assignor.)
Parker, James W., Chicago, Ill. Line-wire guide for checkrow planters. 1,574,928; Mar. 2.
Pasquarelli, Biase, New York, N. Y. Automobile curtain. 1,575,382; Mar. 2.
Pasquarelli, Pasquale, Brooklyn, N. Y. Marshmallow-cutting machine. 1,575,274; Mar. 2.

Pauly Jail Building Company. (See Tracy, Michael J., assignor.)
Pauly, Peter J., St. Louis, Mo. Jail-door-locking mechanism. 1,575,077; Mar. 2.
Pearl, James W., Chicago, Ill. Index tab. 1,575,383; Mar. 2.
Pearson, Benjamin F., Asheville School, N. C. Cake turner. 1,575,275; Mar. 2.
Pease, John A. (See Weeks, W. M., and Pease.)
Peck, Carl F., Fairport, assignor to American Can Company, New York, N. Y. Registering device for can-body maker. 1,574,848; Mar. 2.
Pehrson, Adam H., Stockholm, Sweden. Rotary furnace. 1,574,932; Mar. 2.
Pejchar, Josef, Brooklyn, N. Y. Ring or the like. Des. 69,608; Mar. 2.
Pendleton, Albert H., Wilkinsburg, and C. Jablow, East Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Articulated electric-locomotive truck structures. 1,574,998; Mar. 2.
Pennsylvania Pump & Compressor Company. (See Raymond, Ward, assignor.)
Perkins, Albert G., Buffalo, N. Y. Pipe joint. 1,575,180; Mar. 2.
Peterman, Joseph A., Brooklyn, N. Y. Building structure. 1,575,126; Mar. 2.
Petermann, Otto, assignor to Corona Typewriter Company, Inc., Groton, N. Y. Typewriting machine. 1,575,499; Mar. 2.
Peters, Louis H., Oakland, Calif. Method of and apparatus for testing cans. 1,575,384; Mar. 2.
Petersen, Louis E. (See Kirk, W. I., and Petersen.)
Peterson, Ernest E., Carson Lake, Minn. Attachment for track-lifting machines. 1,575,276; Mar. 2.
Peterson, Reuben G., Wessington Springs, S. Dak. Stock waterer. 1,574,755; Mar. 2.
Peterson, Reuben G., Wessington Springs, S. Dak. Stock waterer. 1,574,756; Mar. 2.
Petry, Nicholas A., Philadelphia, Pa. Valve latch. 1,575,500; Mar. 2.
Pfeifer, Ferdinand A., assignor, by mesne assignments, to The Samson Manufacturing Company, Springfield, Ohio. Wheeled toy. 1,574,990; Mar. 2.
Phillips, Omi G., assignor of one-half to K. B. Swift, Portland, Oreg. Oil-compression brake. 1,575,592; Mar. 2.
Pichler, Friedrich, Ingolstadt, Germany. Wall for vessels subjected to exterior overpressure. 1,575,226; Mar. 2.
Piette, Olivier J. G. (See Damiens, A. A. L. J., de Loisy, and Piette.)
Pilcher, John A., Roanoke, Va. Railway-car truck. 1,575,277; Mar. 2.
Pinkerton, Peter C., Indianapolis, Ind. Automobile lock. 1,575,501; Mar. 2.
Piper, John H., Palo Alto, Calif. Oil collector and distributor. 1,575,078; Mar. 2.
Pitman, Henry L., Westfield, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,575,385; Mar. 2.
Pittoni, Louis E. (See Sisbower, G. F., and Pittoni.)
Platon, John E., Jonkoping, Sweden. Magazine pencil. 1,575,502; Mar. 2.
Pneumatic Scale Corporation Limited. (See Howard, Stanley R., assignor.)
Podhradsky, Zdenko, Astoria, assignor to H. R. Mallinson & Co. Inc., New York, N. Y. Cutting mechanism for pile fabrics. 1,575,127; Mar. 2.
Poeton, Lawrence, assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,575,278; Mar. 2.
Pohl, Herbert H., and R. D. Neill, Minneapolis, Minn. Frost-prevention device for windows. 1,575,503; Mar. 2.
Poldihütte. (See Becker, Erich, assignor.)
Poljanic, Matthew, West New York, N. J. Safety fender for automobiles. 1,575,227; Mar. 2.
Pollock Pen Company. (See Murdock, Julian H., assignor.)
Pollock, Robert T., Boston, Mass. Fountain pen. 1,574,929; Mar. 2.
Pollock, Robert T., Boston, Mass. Fountain pen. 1,574,930; Mar. 2.
Pommer, Katie, Bemidji, Minn. Incubator attachment. 1,574,757; Mar. 2.
Powell, Frank D., assignor, by mesne assignments, to Acme Card System Company, Chicago, Ill. Visible index. 1,574,931; Mar. 2.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 1,575,602; Mar. 2.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 1,575,603; Mar. 2.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Manual telephone system. 1,575,604; Mar. 2.
Powers, Frank T., New York, N. Y. Cooling photomechanical printing plates. 1,574,849; Mar. 2.
Prenzel, Adam H., Halifax, Pa. Lasting attachment for stapling machines. 1,575,279; Mar. 2.
Presbrey, Otis F., Brooklyn, N. Y. Rotary motor. 1,575,504; Mar. 2.
Printape Machine Corporation. (See Wolfe, Hyman C., assignor.)
Proctor and Schwartz, Incorporated. (See Bokum, William F., assignor.)
Prussian, Myer. (See Müller, Ferdinand C. H., assignor.)
Puget Sound Telephone Company, et al. (See Wright, Joseph L., assignor.)
Putnam, Alden L., Detroit, assignor, by mesne assignments, of one-half to Motor Wheel Corporation, Lansing, Mich., and one-half to The Midland Steel Products Company, Cleveland, Ohio. Securing device for disk wheels. 1,574,933 Mar. 2.
Putt, Earl B., New York, N. Y. Phenolphthalein and making the same. 1,574,934; Mar. 2.
Pyzel, Daniel, Piedmont, assignor to Simplex Refining Company, San Francisco, Calif. Pressure still for oil refining. 1,574,935; Mar. 2.
Rach, John L. W., assignor to Maryland Baking Company, Baltimore, Md. Baking machine. 1,575,301; Mar. 2.
Radiant Specialty Co. (See Czapek, Stanley, assignor.)
Radio Electric Clock Corporation. (See Casner, Thaddeus S., assignor.)
Ragain, Ben R., Colusa, Calif. Dehydrator. 1,575,000; Mar. 2.
Rand Company. (See Taber, Ralph F., assignor.)
Randall, A. L., Company. (See Shearer, Grover P., assignor.)
Randall, Josephine, Tuckahoe, N. Y. Tube squeezer. 1,575,386; Mar. 2.
Randall, Karl C., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,575,001; Mar. 2.
Rasmussen, Svend. (See Conrad, F., and Rasmussen.)
Rathert, Hermann. (See Hesse, L., and Rathert.)
Rautio, Benjamin, Detroit, Mich. Shoe fastener. 1,575,287; Mar. 2.
Rawley, Henry W. (See Matthews, A., Malley, and Rawley.)
Raymond, Ward, assignor to Pennsylvania Pump & Compressor Company, Easton, Pa. Compressor regulator. 1,575,002; Mar. 2.
Razor Products Corporation. (See Cohen, Henry B., assignor.)
Recher Bros. Ltd. (See Recher, Max, assignor.)
Recher, Max, Browns Mills, N. J., assignor to Recher Bros. Ltd., New York, N. Y. Necktie-interlining fabric. 1,575,003; Mar. 2.
Redfield, Snowden B., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Water-valve for compressors. 1,574,758; Mar. 2.
Reeves, Frank N., Woodensburg, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing system for testing senders of automatic exchanges. 1,575,128; Mar. 2.
Regan, William V. (See Wood, Edwin C., assignor).
Reinhardt, Edward F. (See Reinhardt, Louis H., assignor.)
Reinhardt, Louis H., Independence, assignor of one-half to E. F. Reinhardt, Gore, Mo. Curtain fixture. 1,575,079; Mar. 2.
Reliance Company, The. (See Bradley, Harry L., assignor.)
Remington-Noiseless Typewriter Corporation. (See Going, George G., assignor.)
Remington Typewriter Company. (See Holden, Joseph B., assignor.)
Reynolds, John W., St. Louis, Mo. Movable headlight. 1,575,505; Mar. 2.
Reynolds, Joshua C., Louisville, Ky. Valve. 1,575,280; Mar. 2.
Rhodes, James, Bradford, England. Change-speed gearing for motor road vehicles. 1,574,936; Mar. 2.
Ribbeck, Otto. (See Kuehn, K., and Ribbeck.)
Rice Portable Rock-Drill Corporation. (See Rice, John V., jr., assignor.)
Rickel, Tremont W., McAllen, Tex. Window-sash lock. 1,574,759; Mar. 2.
Roberts, Fred T., Upper Montclair, N. J., assignor to Paramount Rubber Consolidated, Inc., Tuckahoe, N. Y. Method and apparatus for making hollow rubber articles. 1,575,388; Mar. 2.
Robertson, Glenn W., Minneapolis, Minn. Shoe and making same. 1,575,004; Mar. 2.
Rockford Milling Machine Company. (See Sundstrand, Oscar J., assignor.)
Rogers, Joel H., assignor of one-half to A. Berg, Newark, N. J. Condiment holder. 1,575,506; Mar. 2.
Rohrbacher, Albert L., jr., Boston, Mass. Molder's shoe. 1,575,507; Mar. 2.
Rolfs, Harry J. (See Rolfs, Robert H. and H. J.)
Rolfs, Robert H. and H. J., assignors to Amity Leather Products Co., West Bend, Wis. Key case. 1,575,228; Mar. 2.
Roper, Geo. D., Corporation. (See Hollman, Peter L., assignor.)
Rosenberg, Armin, Milwaukee, Wis. Practice golf ball. 1,575,281; Mar. 2.
Rosenhauer, Charles G., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Stenciling machine. 1,575,508; Mar. 2.
Ross, Frederick N., Detroit, Mich., assignor to The Button Attaching Machine Company of Waterbury, Conn., Waterbury, Conn. Button-attaching machine. 1,574,937; Mar. 2

Ross, George W., Huntington Park, assignor to F. L. and A. H. Hetsel, Los Angeles, Calif. Brake. 1,574,850; Mar. 2.
Ross, Hamilton N. (See Berry, E. E., and Ross.)
Rossebo, George H., and H. Waitman, assignors to Holcomb and Hoke Manufacturing Company, Indianapolis, Ind. Pop-corn machine. 1,575,005; Mar. 2.
Rowley, Clifford A., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Drawing and flattening table for sheet glass. 1,575,006; Mar. 2.
Rowley, Clifford A., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Drawing and flattening table for sheet glass. 1,575,007; Mar. 2.
Rubin, Frederick W., Indianapolis, Ind. Steaming dry kilns and time control therefor. 1,575,008; Mar. 2.
Rudder, John W., Montgomery, Ala. Portable steam heater. 1,574,938; Mar. 2.
Rudolph Koepp & Co., Chemische Fabrik. (See Enderli, Max, assignor.)
Ruff, Domenick, Youngstown, Ohio. Safe protector. 1,575,229; Mar. 2.
Rundell, Frederick T., assignor to Monongahela Supply Company, Morgantown, W. Va. Grease gun. 1,575,080; Mar. 2.
Russell Engineering Company. (See Weber, H. W., and Schleiffarth, assignors.)
Rypinski, Albert B., Laurelton, assignor to T. E. Murray, Brooklyn, N. Y. Fuse and cut-out mechanism. 1,575,009; Mar. 2.
Sabaneew, Constantin. (See Japolsky, N., Kostenko, Woronoff, and Sabaneew.)
St. Louis Pump & Equipment Company. (See Hinds, Sherwood, assignor.)
Samson Manufacturing Company, The. (See Pfeifer, Ferdinand A., assignor.)
Sanitary Company of America. (See Derbyshire, Henry E., assignor.)
Sauerman Bros., Inc. (See Dierks, Louis E., assignor.)
Scharf, Arthur E., Milwaukee, Wis. Window-sash lock. 1,574,939; Mar. 2.
Scheer, George B., Berkeley, Calif., assignor to Westinghouse Electric & Manufacturing Company. Limit switch. 1,575,010; Mar. 2.
Scheib, Joseph J., Pittsburgh, Pa. Knockdown cooking stove. 1,575,451; Mar. 2.
Schenck, Luin E., Los Angeles, Calif. Spool holder. 1,575,129; Mar. 2.
Schey, Robert, assignor to Max Kaufmann & Co. Inc., New York, N. Y. Textile fabric. Des. 69,609; Mar. 2.
Schey, Robert, assignor to Max Kaufmann & Co. Inc., New York, N. Y. Textile fabric. Des. 69,610; Mar. 2.
Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Radiator cap. Des. 69,611; Mar. 2.
Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Radiator cap. Des. 69,612; Mar. 2.
Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Radiator cap. Des. 69,613; Mar. 2.
Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Radiator cap. Des. 69,614; Mar. 2.
Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Radiator cap. Dese. 69,615; Mar. 2.
Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Radiator cap. Des. 69,616; Mar. 2.
Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Radiator cap. Des. 69,617; Mar. 2.
Schnell, William, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Radiator cap. Dese. 69,618; Mar. 2.
Schiff, Morris, Bronx, assignor of one-half to P. A. Fischer, New York, N. Y. Adjustable-size cap. 1,575,130; Mar. 2.
Schiff, Sigmund, Cincinnati, Ohio. Automatic proofer. 1,575,282; Mar. 2.
Schiff, Sigmund, Cincinnati, Ohio. Baller. 1,575,283; Mar. 2.
Schleiffarth, Armin O. (See Weber, H. W., and Schleiffarth.
Schlereth, John V., jr. (See Keller, A. P., and Schelreth.
Schmitt, Charles P., jr., Chicago, Ill. Flexible protector for carbon paper. 1,575,230; Mar. 2.
Schreiber, John, St. Louis, Mo. Sewing machine. 1,575,389; Mar. 2.
Schumacher, Etta M., Stockton, Calif. Portable toilet. 1,575,131; Mar. 2.
Schwab, John, jr., Winnipeg, Manitoba, Canada. Reenforced tube lining. 1,575,509; Mar. 2.
Schwanck, Manuel J., Honolulu, Hawaii. Protector for automobiles. 1,575,510; Mar. 2.
Schwartz, Isador, New York, N. Y. Producing, photographing, and presenting a cross-word puzzle. 1,575,181; Mar. 2.
Schwartz, Seymour & Company. (See Seymour, Ralph C., assignor.)
Scovill Manufacturing Company. (See Warner, Frank E., assignor.)
Scroggins, James L., Alhambra, Calif. Street indicator or annunciator. 1,575,511; Mar. 2.
Seaholm, John P., Moline, Ill., assignor, by mesne assignments, to Moline Implement Company. Agricultural tool. 1,575,011; Mar. 2.
Seewer, Paul W., assignor to The English Electric Company Limited, London, England. Hydraulic impulse turbine. 1,575,512; Mar. 2.
Seferlis, Peter J., Ithaca, N. Y. Depth gauge. 1,575,284; Mar. 2.
Selter, Jacob H., Marion, assignor of one-half to O. Sipes, Galion, Ohio. Pipe wrench. 1,575,593; Mar. 2.
Seitz, Oskar. (See Jonas, J., and Seitz.)
Seltmann, Walter A., Passaic, N. J. Device for supporting flexible tubes. 1,575,231; Mar. 2.
Sether, Alvin, Chippewa Falls, Wis. Clothes-draining attachment for washboilers. 1,575,513; Mar. 2.
Sevigne, Henri A. (See Woodward, James E., assignor.)
Sexton, William E., Baltimore, Md., assignor, by mesne assignments, to The Baltimore Trust Company, trustee. Gas range. 1,574,940; Mar. 2.
Sexton, William E., Baltimore, Md., assignor, by mesne assignments, to The Baltimore Trust Company, trustee. Door mechanism for ranges. 1,574,941; Mar. 2.
Seymour, Ralph C., Larchmont, N. Y., assignor to Schwartz, Seymour & Company, Inc. Printing press. 1,574,851; Mar. 2.
Seymour, Ralph C., Short Hills, N. J. Power-transmitting mechanism. 1,575,360; Mar. 2.
Shady, Joseph. (See Bretzfelder, Israel E. and M. K., and Shady.)
Sharp, Roy M., assignor to J. L. Stifel & Sons, Wheeling, W. Va. Retracting mechanism for the cloth rests of cloth-surfacing machines. 1,574,942; Mar. 2.
Sharples Specialty Company, The. (See Jones, Leo D., assignor.)
Shave, William H., Erie, Pa., assignor, by mesne assignments, to Erie City Iron Works. Pulverizer beater. 1,575,452; Mar. 2.
Shearer, Grover P., assignor to A. L. Randall Company, Chicago, Ill. Handle or hanger for flowerpots and the like. 1,575,232; Mar. 2.
Sheppard, Samuel E., assignor to Eastman Kodak Company, Rochester, N. Y. Light-sensitive photographic materials. 1,574,943; Mar. 2.
Sheppard, Samuel E., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic light-sensitive material and making the same. 1,574,944; Mar. 2.
Shiba, Yaichiro, San Jose, Calif. Watch-chain fastener. 1,575,182; Mar. 2.
Skinner Engine Company. (See Skinner, Allan D., assignor.)
Shirley, Arch C., Fort Smith, Ark. Assembling and disassembling device. 1,575,132; Mar. 2.
Shively, Robert R., Washington, Pa., assignor to B. F. Drakenfeld & Co. Inc., New York, N. Y. Apparatus for making glass and process therefor. 1,575,514; Mar. 2.
Shutzer, Arthur, Boston, Mass. Sewing-machine attachment. 1,575,453; Mar. 2.
Sibbald, Charles J., J. O., and C. T. A., Troy, N. Y. Sewing machine. 1,575,285; Mar. 2.
Sibbald, Charles T. A. (See Sibbald, Charles J., J. O., and C. T. A.)
Sibbald, John O. (See Sibbald, Charles J., J. O., and C. T. A.)
Sibley, Harry A., et al. (See Gail, George E., jr., assignor.)
Siefken, George R., New York, N. Y. Metal weather strip. 1,575,012; Mar. 2.
Silaj, Frank A., Chicago, Ill. Vase. Des. 69,619; Mar. 2.
Simplex Refining Company. (See Pysel, Daniel, assignor.)
Sinclair Refining Company. (See Bell John E., assignor.)
Sinclair Refining Company. (See Isom, E. W., and Bell, assignors.)
Single Thread Lockstitch Machines Limited. (See Baker, Frederick, assignor.)
Singleton, Willie M. (See Hepworth, W. J., and Hoenbeck, assignors.)
Sinnett, Peter E., Buffalo, N. Y. Roofing element. 1,575,183; Mar. 2.
Sipes, Oscar. (See Selter, Jacob H., assignor.)
Sisbower, George F., Flushing, and L. E. Pittoni, New York, assignors to Manhattan-Rome Company, Branch of Rome Metallic Bedstead Co., Long Island City, N. Y. Couch bed. 1,574,760; Mar. 2.
Skinner, Allan D., assignor to Skinner Engine Company, Erie, Pa. Valve mechanism. 1,574,761; Mar. 2.
Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Fluid-pressure pumping apparatus. 1,574,945; Mar. 2.
Slepian, Joseph, Swissvale, Pa., assignor to Westinghouse Electric and Manufacturing Company. Wireless-interference prevention. 1,575,013; Mar. 2.
Smith, Henry D., New York, N. Y. Elevator-floor-indicator device. 1,575,390; Mar. 2.
Smith, James O., assignor of one-half to L. E. Harshburger, Kiefer, Okla. Toy. 1,574,852; Mar. 2.
Smith, John F. D., Atlanta, Ga. Aeroplane. 1,575,286; Mar. 2.

Smith, John L., assignor to S. A. Smith, Hamilton, Ontario, Canada. Apparatus for removing flaws and slivers from worn rails. 1,575,184; Mar. 2.
Smith, Julian K., Cleveland, Ohio. Switch. 1,575,454; Mar. 2.
Smith, Sheridan A. (See Smith, John L., assignor.)
Smith, William A., and C. H. Dockham, Detroit, Mich., assignors to Chicago Pneumatic Tool Company, New York, N. Y. Pneumatic tool. 1,574,762; Mar. 2.
Snell, Samuel A., assignor to American Metal Products Co., Detroit, Mich. Bending machine. 1,575,014; Mar. 2.
Snyder, Raymond D., Souderton, Pa. Automobile curtain. 1,575,455; Mar. 2.
Sobotka, Harry. (See Willstätter R., and Sobotka.)
Société Anonyme Le Barbone. (See Oppenheim, René, assignor.)
Sparks, Abram G., Booneville, Miss. Fowl and animal trap. 1,575,456; Mar. 2.
Speegle, Emmanel A., Los Angeles, Calif. Bed attachment for automobiles. 1,575,015; Mar. 2.
Spindler, Clinton A., Marietta, Ohio. Feed valve for boilers. 1,575,287; Mar. 2.
Springfield Lumber Company. (See Dearing, Joseph W., assignor.)
Spry, Richard, et al. (See Bartlett, Alfred E., assignor.)
Standard Mirror Company. (See La Hodny, William, assignor.)
Standard Oil Company. (See Howe, Louis P., assignor.)
Stannard, Bruce M., and W. K. Bishop, Binghamton, assignors to The Brewer-Titchener Corporation, Cortland, N. Y. Curtain-rod cap. 1,575,288; Mar. 2.
Stanton, Wolcott P., Berkeley, Calif. Mold stripping and transferring machine. 1,575,891; Mar. 2.
Stebbins, Albert H., Los Angeles, Calif. Screen. 1,575,457; Mar. 2.
Stehli Silks Corporation. (See Baragwanath, Neysa M., assignor.)
Stehli Silks Corporation. (See Barton, Ralph, assignor.)
Stehli Silks Corporation. (See Clarke, René, assignor.)
Stehli Silks Corporation. (See Falls, Charles B., assignor.)
Stehli Silks Corporation. (See Knight, Clayton, assignor.)
Stehli Silks Corporation. (See Knight, Katharine S., assignor.)
Stenhouse, Thomas, Washington, Pa., assignor to Hazel-Atlas Glass Compny, Wheeling, W. Va. Automatic transfer device. 1,575,185; Mar. 2.
Steigman, Israel N., New York, N. Y. Motion-picture machine. 1,575,133; Mar. 2.
Steinhardt, Benjamin E. (See Benjamin, P., Steinhardt, and Liftin.)
Stern, Marc. (See Doehler, H. H., and Stern.)
Stevens, Enoch P., deceased, Chicago, Ill.; M. A. Stevens, executrix. Hanging-arch construction. 1,574,946; Mar. 2.
Stevens, Mary A., executrix. (See Stevens, Enoch P.)
Stevens, Paul S., assignor to Bucyrus Company, South Milwaukee, Wis. Dipper trip. 1,574,763; Mar. 2.
Stifel, J. L., & Sons. (See Sharp, Roy M., assignor.)
Stillman, Raymond H., Eatontown, N. J., assignor of one-half to F. Baden, Monmouth County, N. J. Bag holder and filling device. 1,575,233; Mar. 2.
Stocking, Harry W., San Francisco, Calif., assignor of of forty-nine one-hundreths to J. McKenna, Hoboken, N. J. Oil-distributing apparatus. 1,575,134; Mar. 2.
Stone, Thomas L., Newark, N. J., assignor to Hampden Glazed Paper & Card Company, Holyoke, Mass. Cover paper or the like. Des. 69,620; Mar. 2.
Stonesifer, William J., Keymar, Md. Mixer. 1,575,458; Mar. 2.
Storer, Norman W., Pittsburgh, and H. A. Houston, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Locomotive-cab frame and truck. 1,575,016; Mar. 2.
Storts, Charles A., Marion, Ind. Support for window and door curtains. 1,575,459; Mar. 2.
Straube Piano Co. (See Betz, William G., assignor.)
Streun, John A., Sherman, Tex. Combined huller and cleaner for cotton gins. 1,574,947; Mar. 2.
Strieker, Albert L., et al. (See McCoy, Elijah, assignor.)
Stromberg-Carlson Telephone Manufacturing Company, The. (See Levis, John H., jr., assignor.)
Stromberg-Carlson Telephone Manufacturing Company, The. (See Manson, Ray H., assignor.)
Stromberg-Carlson Telephone Manufacturing Company, The. (See Powell, Winfred T., assignor.)
Strong, Elisha E., Paris, France, assignor to Underwood Computing Machine Company, New York, N. Y. Combined typewriting and computing machine. 1,575,135; Mar. 2.
Stuebing, William, jr., Cincinnati, Ohio. Platform. 1,575,462; Mar. 2.
Sturdy's, J. F., Sons Co. (See Nelson, Nels T., assignor.)
Suk, Anton, Santa Cruz, Calif. Recording strip. 1,575,081; Mar. 2.
Sullivan Machinery Company. (See Ferguson, Alexander D., assignor.)
Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
Sullivan Machinery Company. (See Murphy, Richard E., assignor.)
Sullivan Machinery Company. (See Nelson Sven T., assignor.)
Sunbeam Motor Car Company. (See Coatalen, Louis, assignor.)
Sundstrand, Oscar J., assignor to Rockford Milling Machine Company, Rockford, Ill. Adding machine. 1,575,392; Mar. 2.
Sunter, Chris, Yonkers, N. Y. Golf club. 1,575,460; Mar. 2.
Suthern, John R. E., Moncton, New Brunswick, Canada. Rotary valve. 1,575,289; Mar. 2.
Sutton, Frederic E., Newark, N. J. Storage battery. 1,575,393; Mar. 2.
Svensson, Svening H., and K. O. Engkvist, assignors to Aktiebolaget Bofors, Bofors, Sweden. Centering and locking means for the punches in rivet and forging machines. 1,575,461; Mar. 2.
Swars, Paul G., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Clamp for cables. 1,575,017; Mar. 2.
Swebilius, Carl G., assignor to The Marlin Firearms Corporation, New Haven, Conn. Firearm. 1,575,018; Mar. 2.
Swebilius, Carl G., assignor to The Marlin Firearms Corporation, New Haven, Conn. Firearm. 1,575,019; Mar. 2.
Swift, Kathryn B. (See Phillips, Omi G., assignor.)
Syco Systems Company. (See Van Vlissingen, Peter, assignor.)
Taber, Ralph F., assignor to Rand Company, Inc., North Tonawanda, N. Y. Machine for making index tabs. 1,575,463; Mar. 2.
Tamura, Izo, Oska, Japan. Air-tight cap for vessels. 1,575,464; Mar. 2.
Tardif, Joseph O., assignor to G. F. Knight, Quebec, Quebec, Canada. Rail joint. 1,575,394; Mar. 2.
Tatum, William W. (See Baddiley, J., and Tatum.)
Taylor Instrument Companies. (See Brown, Henry B., assignor.)
Telles, Francisco T. da Silva, Santos, Brazil. Building construction. 1,575,041; Mar. 2.
Ternstedt Manufacturing Company. (See Schnell, William, assignor.)
Tetlow, Lewis J., Holyoke, Mass. Trolley-wheel construction. 1,574,853; Mar. 2.
Tevander, Swan N., Maywood, Ill., assignor to American Can Company, New York, N. Y. Seaming head. 1,574,764; Mar. 2.
Texas Company, The. (See Drake, Rollin L., assignor.)
Thomas, Abe. (See Green, J. M., and Thomas.)
Thomas & Buckley Hoisting Co. (See Hunn, Sidney M., assignor.)
Thomas, James N., Garberville, Calif. Machine for splitting shakes. 1,575,082; Mar. 2.
Thomayer, George T., assignor, by mesne assignments, to Economy Dyeing Machine Corporation, Albany, N. Y. Yarn-dyeing device. 1,575,234; Mar. 2.
Thompson, George K., Summit, N. J. Car truck. 1,575,136; Mar. 2.
Thompson, John V., High Point, N. C. Mortise and tenon joint lock. 1,575,465; Mar. 2.
Thompson, Russell G., Janesville, and E. T. Abendroth, De Pere, Wis., assignors to Hudson Manufacturing Company, Minneapolis, Minn. Carriage for carriers. 1,574,765; Mar. 2.
Thurtell, Benjamin W., Chicago, Ill. Valve for liquids. 1,574,766; Mar. 2.
Thurtell, Benjamin W., Chicago, Ill. Valve. 1,574,767; Mar. 2.
Tiffany, Hiero G., St. Louis, Mo. Stand. 1,575,235; Mar. 2.
Tilden, Bert O., assignor to B. O. T. Mfg. Co., Trenton, N. J. Attachment for flush tanks. 1,575,236; Mar. 2.
Tingle, Alfred, Ottawa, Ontario, Canada. Manufacturing a pulp product. 1,575,290; Mar. 2.
Tolhurst Machine Works. (See Bryson, Tandy A., assignor.)
Tolhurst Machine Works. (See Evans, Humphrey, assignor.)
Torfs, Walter E., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Invoice sheet. 1,575,395; Mar. 2.
Torka, Frank, Port Townsend, Wash. Clamping focusing devices to cameras. 1,574,948; Mar. 2.
Torka, Frank and W. V. E., Seattle, Wash. Combination lock. 1,575,137; Mar. 2.
Torka, Wilhelm V. E. (See Torka, Frank and W. V. E.)
Tracy, Michael J., assignor to Pauly Jail Building Company, St. Louis, Mo. Covering box. 1,575,083; Mar. 2.
Trapp, Edwin F. (See Bertels, A. S., and Trapp.)
Trau, Isidor K., Louisville, Ky., assignor to Derby Cap Mfg. Company, Adjustable cap. 1,575,291; Mar. 2.
Trbojevich, Nikola, Detroit, Mich., assignor to Gleason Works, Rochester, N. Y. Producing gears. 1,575,396; Mar. 2.
Trotter, Henry R., Morton, Pa., assignor to Westinghouse Electric & Manufacturing Company. Governing apparatus. 1,575,138; Mar. 2.
Trowbridge, E. G., et al., trustees. (See Fagan, Lewis E., assignor.)
Tsubata, Michihiko, Tachibana-Gori, Japan. Preparing a painting material of powder form for use with either water or oil. 1,574,854; Mar. 2.

Turner, George S., Edgewood Park, and B. J. Gudge, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Composite gear. 1,575,020; Mar. 2.
Tuttle, Grover G., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Handle for rock drills. 1,574,768; Mar. 2.
Tuttle, Ralph P., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,575,397; Mar. 2.
Tyler, Daniel C., Oklahoma City, Okla. Air washer. 1,575,292; Mar. 2.
Tyler, John L., Gadsden, Ala. Shoe counter. 1,575,466; Mar. 2.
Umbstaetter, Edward. (See Cooper, Walter J., assignor.)
Underwood Computing Machine Company. (See Strong, Elisha E., assignor.)
Underwood Typewriter Company. (See Kupets, Adolph G., assignor.)
Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Typewriter Company. (See Lindburg, Joseph, assignor.)
Underwood Typewriter Company. (See Pitman, Henry L., assignor.)
Underwood Typewriter Company. (See Rosenbauer, Charles G., assignor.)
Underwood Typewriter Company. (See Torfs, Walter E., assignor.)
United Fruit Company. (See Esselen, Gustavus J., jr., assignor.)
Union Sulphur Company. (See Marx, Carl, assignor.)
Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)
Union Switch & Signal Company, The. (See Tuttle, Ralph P., assignor.)
Union Switch & Signal Company. (See Wallace, Herbert A., assignor.)
United Shoe Machinery Corporation. (See Cosgrove, John V., assignor.)
United Shoe Machinery Corporation. (See Fowler, Alfred B., assignor.)
United Shoe Machinery Corporation. (See Hooke, James R., assignor.)
United States Glue Company. (See Luscher, Harry W., assignor.)
Utility Manufacturing Company. (See Limpright, Clifford, assignor.)
Utton, William, et al. (See Hixson, Charles T., assignor.)
Vallier, Orvis W., assignor to J. B. Wise Incorporated, Watertown, N. Y. Swing spout for sink faucets. 1,574,855; Mar. 2.
Van Meter, Morton, Grand Rapids, Mich. Vehicle spring. 1,575,293; Mar. 2.
Van Orman, Bert L., Highland Park, assignor to L. A. Young Industries, Inc., Detroit, Mich. Automatic machine-control means. 1,574,769; Mar. 2.
Van Valkenburgh, Richard M., assignor to Irving-Pitt Manufacturing Company, Kansas City, Mo. Loose-leaf binder. 1,575,294; Mar. 2.
Van Vlissingen, Peter, assignor to Syco Systems Company, Chicago, Ill. Filing device. 1,575,021; Mar. 2.
Van Wagenen, Albert M., jr., Norwich, Conn. Display container. 1,575,467; Mar. 2.
Vaughan, Vincent B. (See Palmer, Charles A., assignor.)
Vodoz, Frederick W., Chicago, Ill. Vehicle signal. 1,575,237; Mar. 2.
Vogt, Charles H., Philadelphia, Pa., assignor of one-third to F. A. Vogt and one-third to G. L. Vogt. Method of and machine for trimming animal heads. 1,574,949; Mar. 2.
Vogt, Frederick A., et al. (See Vogt, Charles H., assignor.)
Vogt, Gustav L., et al. (See Vogt, Charles H., assignor.)
Volinetz, Max. (See Margolis, J., and Volinetz.)
Von der Hülls, Emma. (See Klein, Peter, assignor.)
Von Frommer, Rudolf, Budapest, Hungary. Firearm. 1,574,770; Mar. 2.
Voss, Jacob D., assignor of forty one-hundredths to S. Wry, Chicago, Ill. Embroidery. 1,575,468; Mar. 2.
Votapek, George J., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Plastic composition material and producing the same. 1,574,771; Mar. 2.
Vulcan Detinning Company. (See Lahey, John A., assignor.)
W. C. Heraeus G. m. b. H. (See Haagn, Ernst, assignor.)
Waddy, George M., Buffalo, N. Y., Pin-lifting device. 1,575,295; Mar. 2.
Wade, William R., assignor, by mesne assignments, of one-half to New York Zinc Co., Inc., Edwards, N. Y. Method and mechanism for dehydrating minerals. 1,574,950; Mar. 2.
Wadsworth Watch Case Company, The. (See Beebe, M. C., and Murray, assignors.)
Wagner Manufacturing Company. (See Lang, Philip, assignor.)
Wagner, Stefan, Los Angeles, Calif. Wood-boring machine. 1,574,951; Mar. 2.
Wakimoto, Frank M., Highland Park, Mich. Resilient shoe lace. 1,575,022; Mar. 2.
Walker, Charles L., Los Angeles, Calif., assignor to Chicago Railway Equipment Company, Chicago, Ill. Safety device for brake rods. 1,575,238; Mar. 2.
Walker, Clinton L., Piedmont, Calif. Counterbalancing engine main shafts. 1,575,239; Mar. 2.
Walker, Rudolf, Vienna, Austria. Fuel-feed pump for internal-combustion engines. 1,574,772; Mar. 2.
Wallace, Herbert A., Edgewood-Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,575,296; Mar. 2.
Wallace, Herbert A., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,575,297; Mar. 2.
Walsh, Robert L., Washington, D. C. Electrical auxiliary arrangement. 1,575,084; Mar. 2.
Waltman, Homer. (See Rossebo, G. H., and Waltman.)
Walton, Jackson, Toronto, Ontario, Canada. Golf-club straightener. 1,575,023; Mar. 2.
Warner, Frank E., assignor to Scovill Manufacturing Company, Waterbury, Conn. Feed-actuating device for button-attaching machines. 1,575,594; Mar. 2.
Warner, Frank E., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener attaching machine. 1,575,595; Mar. 2.
Warner, Frank E., assignor to Scovill Manufacturing Company, Waterbury, Conn. Fastener-setting machine. 1,575,596; Mar. 2.
Warren, Margaret E., et al. (See McCoy, Elijah, assignor.)
Warren, Waterman G. (See Johnson, A. L., and Warren.)
Wasemann, Albert, Wheeling, W. Va. Shifting rods for harp attachments. 1,575,298; Mar. 2.
Waterbury, Edwin, Caldwell, N. J. Electric switch. 1,575,469; Mar. 2.
Weaver, William C., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,575,299; Mar. 2.
Weber, Frederick J., Los Angeles, Calif. Incinerator. 1,575,024; Mar. 2.
Weber, Herman W., Maplewood, and A. O. Schleiffarth, assignors to Russell Engineering Company, St. Louis, Mo. Tunnel kiln. 1,575,470; Mar. 2.
Weeks, Wallace M., and J. A. Pease, Skaneateles, N. Y. Method and apparatus for making bottle closures. 1,575,300; Mar. 2.
Weidlich, Louis, Stratford, Conn. Cigarette-dispensing device. 1,575,240; Mar. 2.
Weinrich, Walter H., Pueblo, Colo. Spring device for vehicles. 1,575,471; Mar. 2.
Weitzel, Robert A. L., Paris, France. Molded product and its manufacture. 1,575,472; Mar. 2.
Western Electric Company. (See Bertels, A. S., and Trapp, assignors.)
Western Electric Company. (See Deakin, Gerald, assignor.)
Western Electric Company. (See From, Owen C., assignor.)
Western Electric Company. (See Harper, Robert W., assignor.)
Western Electric Company. (See Henry, Israel H., assignor.)
Western Electric Company. (See Magrath, Arthur C., assignor.)
Western Electric Company. (See O'Neill, Henry W., assignor.)
Western Electric Company. (See Reeves, Frank N., assignor.)
Western Electric Company. (See Weaver, William C., assignor.)
Western Electric Company. (See Williams, Samuel B., assignor.
Western Electric Company. (See Wright, Joseph L., assignor.)
Westinghouse Electric and Manufacturing Company. (See Baumann, Karl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Baxter, Harold G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brown, James M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dann, W. M., and Chadwick, assignors.
Westinghouse Electric & Manufacturing Company. (See Flanders, Warren B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnston, Howard L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Keene, Alvin D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Legg, Joseph W., assignor.
Westinghouse Electric & Manufacturing Company. (See Miner, Douglas F., assignor.)
Westinghouse Electric and Manufacturing Company. (See Pendleton, A. H., and Jablow, assignors.)
Westinghouse Electric & Manufacturing Company. (See Randall, Karl C., assignor.
Westinghouse Electric & Manufacturing Company. (See Scheer, George B., assignor.)
Westinghouse Electric and Manufacturing Company. (See Steplan, Joseph, assignor.)
Westinghouse Electric & Manufacturing Company. (See Storer, N. W., and Houston, assignors.)
Westinghouse Electric & Manufacturing Company. (See Swars, Paul G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Trotter, Henry R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Turner, G. S., and Gudge, assignors.)

Weston, Edward B., assignor to Weston Paper and Mfg. Co., Dayton, Ohio. Display stand. 1,574,952; Mar. 2.
Weston Paper and Mfg. Co. (See Weston, Edward B., assignor.)
Weyant, Thomas R., New York, N. Y. Window ventilator. 1,575,208; Mar. 2.
Wharton, Edward R., Medford, Mass. Waterproof gaiter. 1,574,773; Mar. 2.
Wheeling Steel Corporation. (See Kellberg, Henry, assignor.)
White, Alfred H., Ann Arbor, Mich., assignor to J. E. Alexander, Port Edwards, and E. G. Goodell, Stevens Point, Wis., trustees. Regeneration process for black liquor. 1,575,473; Mar. 2.
White, Frederick A., Pleasantville, Pa. Wrench 1,575,474; Mar. 2.
White, Rollin H., Cleveland Heights, assignor to The Cleveland Tractor Company, Euclid, Ohio. Sheet-metal track-belt unit. 1,575,475; Mar. 2.
Wickert, Louis N. (See Korte, M. C., and Wickert.)
Wiesenfeld, Robert S., Baltimore, Md. Fish bait or lure. 1,575,139; Mar. 2.
Wigginton, George P., assignor to Kalamazoo Loose Leaf Binder Company, Kalamazoo, Mich. Temporary binder. 1,574,774; Mar. 2
Wilkens, Emile, Winfield, N. Y. Curling hair. 1,575,399; Mar. 2.
Williams, Clinton W., now by judicial change of name J. C. Williams, Los Angeles, Calif. Window bed. 1,575,241; Mar. 2.
Williams, Joseph C. (See Williams, Clinton W.)
Williams, Samuel B., Brooklyn, N. Y., assignor, by mesne assignments, to Western Electric Company, Incorporated. Telephone-exchange system. 1,575,140; Mar. 2.
Williams, Thomas H., assignor to The Akron Rubber Mold & Machine Company, Akron, Ohio. Tire mold. 1,575,025; Mar. 2.
Willis, George M., Chicago, Ill., assignor to Checkometer Sales Co. Check writer. 1,574,775; Mar. 2.
Willoughby, James E., Kellogg, Idaho. Draft fan. 1,575,242; Mar. 2.
Willstätter, Richard, Munich, Germany, and H. Sobotka, New York, N. Y. Producing a yeast preparation. 1,574,776; Mar. 2.
Wilson, C. R., Body Company. (See Breneman, Paul E., assignor.)
Wilson, Elihu C., Los Angeles, Calif. Pipe tongs. 1,575,141; Mar. 2.
Wilson, Elihu C. and W. W., Los Angeles, Calif. Hoisting apparatus. 1,575,142; Mar. 2.
Wilson, Frank E. (See Chalmers, G. W., and Wilson.)
Wilson-Jones Loose Leaf Company. (See Newman, George W., assignor.)
Wilson, William W. (See Wilson, Elihu C. and W. W.)
Winder, Samuel E., assignor, by mesne assignments, to Novelty Products, Inc., Chicago, Ill. Automatic baking machine. 1,575,302; Mar. 2.
Wine, William E., Toledo, Ohio. Hatch cover and means for operating and locking the same. 1,574,777; Mar. 2.
Wire Wheel Corporation of America. (See Davison, Walter W., assignor.)
Wired Radio, Inc. (See Hough, Clinton W., assignor.)
Wise, J. B., Incorporated. (See Valier, Orvis W., assignor.)
Witbeck, Desford, St. Louis, Mo. Automobile running-board trunk. 1,575,243; Mar. 2.
Wix, William H., Baltimore, Md. Name plate. 1,575,244; Mar. 2.
Wolfe, Hyman C., Montreal, Quebec, Canada, assignor to Printape Machine Corporation, New York, N. Y. Gumtape printer. 1,575,308; Mar. 2.
Wood, Edwin C., assignor of one-fourth to W. V. Regan, Boise, Idaho. Lettering-guide stencil. 1,574,953; Mar. 2.
Wood, Joseph, and W. Haynes, Philadelphia, Pa. Auxiliary shifting guide for spinning and roving machines. 1,575,400; Mar. 2.
Woodruff, Arthur E., assignor to The W. W. Woodruff & Sons Co., Mount Carmel, Conn. Door lock. 1,574,778; Mar. 2.
Woodruff, W. W., & Sons Co., The. (See Woodruff, Arthur E., assignor.)
Woodward, James E., Watertown, assignor to H. A. Sevigne, Winthrop, Mass. Combined primer and humidifier for internal-combustion engines. 1,575,401; Mar. 2.
Woodward, James E., Somerville, assignor to H. A. Sevigne, Winthrop, Mass. Humidifier for internal-combustion engines. 1,575,402; Mar. 2.
Wright, Joseph L., Cleveland, Ohio, assignor of one-half to Puget Sound Telephone Company, Everett, Wash., and one-half to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,574,954; Mar. 2.
Wright, Oliver S., Philadelphia, Pa. Textile-treating machine. 1,575,085; Mar. 2.
Wright, Thomas H., Los Angeles, Calif. Monorail engine. 1,575,304; Mar. 2.
Wry, Serge. (See Voss, Jacob D., assignor.)
Wulkan, Louis, Cedarhorst, N. Y. Radio loud speaker. Des. 69,621; Mar. 2.
Wurdack, William, jr., assignor to Wm. Wurdack Electric Mfg. Co., St. Louis, Mo. Lamp-bulb support. 1,575,245; Mar. 2.
Wurdack, Wm. Electric Mfg. Co. (See Wurdack, William, jr., assignor.)
Wyckoff, Andrew D., Oak Park, assignor to Oil Products Appliance Co., Maywood, Ill. Waste-saturating apparatus. 1,575,026; Mar. 2.
Yackley, George M., Avoca, Minn. Corn planter. 1,574,955; Mar. 2.
Yeager, Leo R., Columbus, Ohio. Tiltable headlight reflector. 1,575,403; Mar. 2.
Young, L. A., Industries, Inc. (See Van Orman, Bert L., assignor.)
Zanchi, Attilio, assignor to the Firm Fratelli Schwarzenbach & Co., Seveso-San Pietro, Italy. Loom for weaving fine fabrics. 1,575,306; Mar. 2.
Zienert, Alma, et al. (See McCoy, Elijah, assignor.)
Zienert, William, et al. (See McCoy, Elijah, assignor.)

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 2D DAY OF MARCH, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Adding machine. O. J. Sundstrand. 1,575,292; Mar. 2.
Aeronautical motors, Lubrication system for. A. Nutt. 1,575,359; Mar. 2.
Aeroplane. J. F. D. Smith. 1,575,286; Mar. 2.
Aeroplane landing gear. W. L. Gilmore and H. C. Mummert. 1,575,228; Mar. 2.
Agricultural tool. J. P. Seaholm. 1,575,011; Mar. 2.
Aircraft, Apparatus for delivering articles to. F. F. Bradshaw. 1,575,145; Mar. 2.
Air washer. D. C. Tyler. 1,575,292; Mar. 2.
Amusement device. M. R. Hilty. 1,575,204; Mar. 2.
Amusement device. G. T. O'Maley. 1,575,076; Mar. 2.
Animal heads, Method of and machine for trimming. C. H. Vogt. 1,574,949; Mar. 2.
Animal trap. A. Friesenhahn. 1,574,806; Mar. 2.
Ankle brace. E. M. Denniston. 1,575,042; Mar. 2.
Apron. V. M. Clark. Des. 69,561; Mar. 2.
Arsenic and/or antimony and tin, Separation and recovery of. J. A. Lahey. 1,575,217; Mar. 2.
Assembling and disassembling device. A. C. Shirley. 1,575,182; Mar. 2.
Automatic signal. J. M. Miller. 1,575,445; Mar. 2.
Automobile lighting system. J. B. Bushnell. 1,575,538; Mar. 2.
Automobile lock. P. C. Pinkerton. 1,575,501; Mar. 2.
Automobile radiator. G. E. Meschke. 1,575,497; Mar. 2.
Automobile running-board trunk. D. Witbeck. 1,575,243; Mar. 2.
Automobiles and the like, Hood latch for. C. B. Gilmore. 1,575,114; Mar. 2.
Automobiles, Baggage carrier for. A. Painter. 1,575,225; Mar. 2.
Automobiles, Bed attachment for. M. A. Speegle. 1,575,015; Mar. 2.
Automobiles, Making wood hinges for. G. G. Behn. 1,575,030; Mar. 2.
Automobiles, Protector for. M. J. Schwanck. 1,575,510; Mar. 2.
Automobiles, Safety fender for. M. Poljanic. 1,575,227; Mar. 2.
Axle. F. M. Kennedy. 1,575,064; Mar. 2.
Axle bearings, Reenforced dust guard for. W. D. Hamerstadt. 1,574,968; Mar. 2.
Axles, Making crank. R. Henry. 1,575,427; Mar. 2.
Bag holder and filling device. E. H. Stillman. 1,575,233; Mar. 2.
Bail. J. M. Hothersall. 1,575,266; Mar. 2.
Bail-placing machine. G. W. Chalmers and F. E. Wilson. 1,575,037; Mar. 2.
Baking machine. J. L. W. Rach. 1,575,301; Mar. 2.
Baking machine, Automatic. S. B. Winder. 1,575,302; Mar. 2.
Ball: *See*—
Golf ball.
Baller. S. Schiff. 1,575,283; Mar. 2.
Bar: *See*—
Bus bar.
Barrel cleat. H. Kielberg. 1,574,978; Mar. 2.
Basin for softening or cooking in water or other liquid stocks preparatory to the manufacture of veneer, mechanical pulp, or the like thereof. A. E. Holmberg. 1,574,818; Mar. 2.
Battery: *See*—
Electric battery. Storage battery.
Battery-charging system, Automatic. C. Auth. 1,574,747; Mar. 2.
Battery, Electric. R. Oppenheim. 1,574,845; Mar. 2.
Beach-reclamation system. L. M. Haupt. 1,575,262; Mar. 2.
Bead-necklace tip. E. G. Grode. 1,575,161; Mar. 2.
Bearing structure, Roller-. L. E. Dierks. 1,574,799; Mar. 2.
Bed, Couch. G. F. Sisbower and L. E. Pittoni. 1,570,760; Mar. 2.
Bed, Window. C. W. Williams. 1,575,241; Mar. 2.
Bending machine. S. A. Snell. 1,575,014; Mar. 2.
Binder, Loose-leaf. H. C. Miller. 1,574,910; Mar. 2.
Binder, Loose-leaf. H. C. Miller. 1,574,922; Mar. 2.
Binder, Loose-leaf. E. M. Van Valkenburgh. 1,575,294; Mar. 2.
Binder, Temporary. G. P. Wigginton. 1,574,774; Mar. 2.
Bird stand. J. S. Edwards. 1,575,101; Mar. 2.
Biscuit-handling machine. W. H. Hungerford. 1,575,307; Mar. 2.
Bitumens, Refining and decolorizing. G. W. Acheson. 1,574,742; Mar. 2.
Blocks and the like, Machine for building. F. Boanet. 1,574,753; Mar. 2.
Blowpipe. J. Harris. 1,575,335; Mar. 2.
Bobsled. M. Mortenson. 1,574,918; Mar. 2.
Boiler: *See*—
Locomotive boiler.
Boiler. L. P. Michael. 1,575,375; Mar. 2.
Boiler stand, Adjustable no-bolt and no-ring tripod. H. E. Derbyshire. 1,575,151; Mar. 2.
Bolt: *See*—
Door bolt.
Book cover, Ring-. G. W. Newman. 1,575,450; Mar. 2.
Book lock, Ring-. G. W. Newman. 1,575,591; Mar. 2.
Books, Loose pocket for loose-leaf. L. S. Moore. 1,574,838; Mar. 2.
Boring machine, Portable. H. S. Brown. 1,575,146; Mar. 2.
Bottle. O. A. Henderson. Des. 69,584; Mar. 2.
Bottle-cap-assembling machine. C. E. McManus. 1,574,913; Mar. 2.
Bottle closures, Method and apparatus for making. W. M. Weeks and J. A. Pease. 1,575,300; Mar. 2.
Bottle feeder and unloader, Automatic. C. A. Miller. 1,575,175; Mar. 2.
Bottle stopper. O. Eick. 1,575,556; Mar. 2.
Box: *See*—
Covering box. Miter box.
Box. H. De Haven. 1,575,150; Mar. 2.
Box. S. Koff. 1,575,489; Mar. 2.
Box-making machine. S. R. Howard. 1,575,486; Mar. 2.
Brace: *See*—
Ankle brace.
Bracelet. N. T. Nelson. 1,575,222; Mar. 2.
Bracket: *See*—
Insulator bracket.
Brake: *See*—
Oil-compression brake
Brake. A. Y. Dodge. 1,574,957; Mar. 2.
Brake. G. W. Ross. 1,574,850; Mar. 2.
Brake-controlling means, Vehicle. J. B. Des Rosiers. 1,575,323; Mar. 2.
Brake mechanism. E. L. Harry. 1,575,426; Mar. 2.
Brake rods, Safety device for. C. I. Walker. 1,575,238; Mar. 2.
Briquette, Metal-chip. G. E. Gail, jr. 1,574,878; Mar. 2.
Brush-supporting device. J. Deman. 1,575,416; Mar. 2.
Bucket, Well. J. R. Gilbreath. 1,574,809; Mar. 2.
Buckle. W. E. Hatheway. 1,574,969; Mar. 2.
Building construction. F. T. da S. Telles. 1,575,041; Mar. 2.
Building structure. J. A. Peterman. 1,575,126; Mar. 2.
Burner: *See*—
Oil burner.
Bus bar. D. F. Minor. 1,574,993; Mar. 2.
Butter, Apparatus for the manufacture of. S. Karpinsky and J. S. Anderson. 1,573,821; Mar. 2.
Button-attaching machine. F. N. Ross. 1,574,987; Mar. 2.
Button-attaching machines, Feed-actuating device for. F. E. Warner. 1,575,594; Mar. 2.
Cabies, Clamp for. P. G. Swars. 1,575,017; Mar. 2.
Cake turner. B. F. Pearson. 1,575,275; Mar. 2.
Calendar and contribution envelope, Combined. A. T. Hauser. 1,575,115; Mar. 2.
Calender. H. W. Butterworth, jr. 1,575,539; Mar. 2.
Cam-driving mechanism, Speed-changing. L. K. Braren. 1,574,786; Mar. 2.
Cam-shaft thrust block, Adjustable. P. B. Edwards. 1,575,555; Mar. 2.
Cameras, Clamping focusing devices to. F. Terka. 1,574,948; Mar. 2.
Can-body makers, Registering device for. C. F. Peck. 1,574,848; Mar. 2.
Cans, Method of and apparatus for testing. L. H. Peters. 1,575,284; Mar. 2.
Cap, Adjustable. I. K. Trau. 1,575,291; Mar. 2.
Cap, Adjustable-size. M. Schiff. 1,575,180; Mar. 2.
Car stop shoe, Connected friction. B. W. Breyley. 1,575,411; Mar. 2.
Cars, Brake lock for railway. H. W. Nelson. 1,574,921; Mar. 2.
Cars, Crank lock for box. A. E. Ashleman and T. B. Haney. 1,575,086; Mar. 2.

Cars, Windshield for closed. A. C. Jordan. 1,575,581; Mar. 2.
Carbon paper, Flexible protector for. C. P. Schmitt, jr. 1,575,230; Mar. 2.
Carbon remover. T. P. Ibbetson and T. F. Morrison. 1,575,054; Mar. 2.
Card-index holder, Reversible. F. H. Johnston. 1,574,897; Mar. 2.
Card system, Visible-. L. E. Hutchings. 1,574,893; Mar. 2.
Carrier: *See*—
Baggage carrier. Log carrier.
Collapsible carrier. Luggage carrier.
Carriers, Carriage for. R. G. Thompson and E. T. Abendroth. 1,574,765; Mar. 2.
Case: *See*—
Cigarette case. Key case.
Case, Cigarette. G. W. Lyons. 1,575,121; Mar. 2.
Casein solids and making them. A. A. Dunham. 1,575,155; Mar. 2.
Chain connecter. S. Fischer. 1,574,961; Mar. 2.
Chain, Traction. O. J. Brouillette. 1,575,535; Mar. 2.
Chair base. T. W. Foote. 1,574,963; Mar. 2.
Chandelier. I. Levy. Des. 69,601; Mar. 2.
Change-making and fare-registering machine. A. Burian. 1,575,537; Mar. 2.
Chassis lubrication, Supply installation for central. E. J. Bloom. Re16,278; Mar. 2.
Check, Bank. F. E. Hinton. 1,575,205; Mar. 2.
Check writer. G. M. Willis. 1,574,775; Mar. 2.
Chimney. T. G. Johnson. 1,575,056; Mar. 2.
Chimney holder. S. J. Killingsworth. 1,575,169; Mar. 2.
Chopper: *See*—
Meat chopper.
Christmas-tree holder. J. Jakobey. 1,575,488; Mar. 2.
Cigarette case. I. Eisenstark and B. Lipshits. 1,575,420; Mar. 2.
Cigarette case. E. Gregory. 1,575,573; Mar. 2.
Cigarette-dispensing device. L. Weidlich. 1,575,240; Mar. 2.
Cinematographic films, Method and apparatus for treating. P. Lohn. 1,575,346; Mar. 2.
Circuit breaker. K. C. Randall. 1,575,001; Mar. 2.
Circuit interrupter. J. W. Legg. 1,574,979; Mar. 2.
Circuits, Translating. H. A. Affel. 1,574,779; Mar. 2.
Clamp: *See*—
I-beam clamp.
Cleaner: *See*—
Suction cleaner.
Clock, Hall. G. Anderson. Des. 69,553; Mar. 2.
Clock mechanism, Alarm-. A. F. Kendle. 1,575,063; Mar. 2.
Clocks. Mechanism for synchronising. T. S. Casner. 1,575,096; Mar. 2.
Cloth-surfacing machines, Retracting mechanism for the cloth rests of. R. M. Sharp. 1,574,942; Mar. 2.
Clothespin. C. Limpright. 1,575,590; Mar. 2.
Coal-cutting machine. J. C. Brackett. 1,575,531; Mar. 2.
Coat. T. Davis. Des. 69,571–2; Mar. 2.
Coating composition. A. Benson. 1,574,862; Mar. 2.
Coating roofing and other similar materials for covering building surfaces. R. Maclean. 1,574,835; Mar. 2.
Collapsible carrier. C. Flagstad. 1,574,804; Mar. 2.
Collar-conditioning apparatus. G. W. Johnson. 1,575,366; Mar. 2.
Comb. A. H. Gosbin. 1,575,201; Mar. 2.
Compressor regulator. W. Raymond. 1,575,002; Mar. 2.
Concrete breakers, Mounting for. C. C. Hansen. 1,574,814; Mar. 2.
Concrete pipe, Slip or expansion joint for. T. De La Mare. 1,574,956; Mar. 2.
Condenser. E. A. Johnsen. 1,575,368; Mar. 2.
Condenser installation. W. B. Flanders. 1,575,157; Mar. 2.
Condenser, Surface. P. A. Bancel. 1,575,810; Mar. 2.
Condiment holder. J. H. Rogers. 1,575,506; Mar. 2.
Container, Collapsible. W. H. G. Geake. 1,575,567; Mar. 2.
Containers, Closure for. R. L. Drake. 1,575,154; Mar. 2.
Containers, Making. G. Horvath. 1,574,973; Mar. 2.
Control of a movable member, Device for the distant. N. Japolsky, M. Kostenko, B. Woronoff, and C. Sabaneew. 1,575,055; Mar. 2.
Conveyer signal, Automatic. W. L. McNamara. 1,574,914; Mar. 2.
Cooker and cooler, Combined. N. H. Fooks. 1,575,197; Mar. 2.
Cooker and cooler, Combined. N. H. Fooks. 1,575,199; Mar. 2.
Cooking and cooling in sealed receptacles, Apparatus for. N. H. Fooks. 1,575,198; Mar. 2.
Cooler and refrigerator, Water. J. W. Lucas. 1,575,347; Mar. 2.
Cooling device. F. Hille. 1,575,482; Mar. 2.
Coop, Poultry. J. Margolis and M. Volinets. 1,575,374; Mar. 2.
Cord holder, Drop-. L. Moran. 1,575,177; Mar. 2.
Core drill. S. T. Nelson. 1,574,922; Mar. 2.
Core, Multipart-. A. B. Norton. 1,575,498; Mar. 2.
Cot, Folding. F. H. Morse. 1,575,221; Mar. 2.
Cotton bales, Protecting. H. G. Heane. 1,574,885; Mar. 2.
Cotton gins, Combined huller and cleaner for. J. A. Streun. 1,574,947; Mar. 2.
Coupling transformer. W. J. Dow. 1,575,552; Mar. 2.
Covering box. M. J. Tracy. 1,575,068; Mar. 2.
Coverlet and doll, Combined. W. Guglielmi (Mrs. Rudolph Valentino) professionally known as N. Rambova. 1,575,263; Mar. 2.
Crate, Collapsible. P. Kucera. 1,574,904; Mar. 2.
Crossing gate. J. Andy. 1,575,248; Mar. 2.
Crossing protector. A. J. Baker. 1,574,750; Mar. 2.
Crystalliser. M. J. Kermer. 1,575,584; Mar. 2.
Cultivator, Alfalfa. L. E. Murphree. 1,574,840; Mar. 2.
Cultivators, Cotton chopper and weeder attachment for. J. W. Higgins. 1,575,208; Mar. 2.
Cultivators, Weeder for. C. Bishop. 1,575,093; Mar. 2.
Cup: *See*—
Dental mold cup.
Curling hair. E. Wilkens. 1,575,899; Mar. 2.
Current-controlling device, Externally-operated. B. C. King. 1,575,585; Mar. 2.
Curtain, Automobile. B. Pasquarelli. 1,575,882; Mar. 2.
Curtain, Automobile. R. D. Snyder. 1,575,455; Mar. 2.
Curtain fixture. L. H. Reinhardt. 1,575,079; Mar. 2.
Curtains, Support for window and door. C. A. Storts. 1,575,459; Mar. 2.
Curtains, Winding and counterbalancing mechanism for. R. H. Greegor. 1,575,572; Mar. 2.
Cutter: *See*—
Lens cutter.
Cylinder, Compressed-gas. D. Ahldin. 1,575,306; Mar. 2.
Decolorising and defecating product and making the same. G. J. Esselen, jr. 1,575,561; Mar. 2.
Decorative coatings, Applying. R. E. Bateman. 1,574,958; Mar. 2.
Dehydrator. B. R. Ragain. 1,575,000; Mar. 2.
Denaturing machine. F. E. Lichtenthaeler. 1,575,433; Mar. 2.
Dental mold cup. C. A. Palmer. Re16,280; Mar. 2.
Depth gauge. P. J. Seferlis. 1,575,284; Mar. 2.
Desiccating apparatus. N. P. Collis. 1,575,414; Mar. 2.
Dial, Vernier. J. F. Dobbins. 1,575,153; Mar. 2.
Dials, Card holder for calling. A. C. Magrath. 1,575,358; Mar. 2.
Dipper trip. P. S. Stevens. 1,574,763; Mar. 2.
Disk sharpener. J. M. Green and A. Thomas. 1,574,812; Mar. 2.
Disk wheel. G. H. Forsyth. 1,574,805; Mar. 2.
Disk wheels, Securing device for. A. L. Putnam. 1,574,933; Mar. 2.
Dispatch systems, Distributing apparatus for. J. G. Maclaren. 1,575,352; Mar. 2.
Display apparatus. T. M. Devine. 1,575,417; Mar. 2.
Display card. P. A. Brattain. 1,575,034; Mar. 2.
Display container. A. M. Van Wagenen, jr. 1,575,467; Mar. 2.
Display stand. E. B. Weston. 1,574,952; Mar. 2.
Drainage device. C. B. Foster. 1,575,261; Mar. 2.
Drawing instrument. A. T. Jespersen. 1,575,209; Mar. 2.
Dress. T. Davis. Des. 69,573–4; Mar. 2.
Drier. B. Dewey. 1,575,194; Mar. 2.
Driers, Apparatus for removing compensate from revolving. E. H. Berry and H. N. Ross. 1,575,240; Mar. 2.
Drill: *See*—
Core drill. Shell drill.
Drilling machine. H. C. Alger and R. E. Ackley. 1,575,308; Mar. 2.
Drills, Handle for rock. G. G. Tuttle. 1,574,766; Mar. 2.
Drills, Rotating mechanism for rock. E. G. Gartin. 1,574,879; Mar. 2.
Door bolt. A. J. Luman. 1,575,071; Mar. 2.
Door fastener, Chain. J. F. Lawrence. 1,575,429; Mar. 2.
Door lock. W. Ahern. 1,575,516; Mar. 2.
Door lock. A. E. Woodruff. 1,574,778; Mar. 2.
Door lock, Three-point rear-. H. W. Cooley. 1,574,967; Mar. 2.
Door-locking mechanism, Jail-. P. J. Pauly. 1,575,077; Mar. 2.
Dyeing. W. Duisberg and W. Hentrich. 1,575,324; Mar. 2.
Dyestuff of the anthraquinone series and making same. J. Baddiley and W. W. Tatum. 1,574,748; Mar. 2.
Egg beater. F. Benson. 1,575,090; Mar. 2.
Egg-marking appliance. W. Coackley and W. H. Gallimore. 1,575,190; Mar. 2.
Electric heater. A. Kempston and G. J. Henry. 1,575,211; Mar. 2.
Electric make-and-break device, Intermittent. H. C. Bunting. 1,575,536; Mar. 2.
Electric switch. R. H. Olley. 1,575,179; Mar. 2.
Electric switch. A. Page. 1,575,076; Mar. 2.
Electric switch. E. Waterbury. 1,575,460; Mar. 2.
Electrical auxiliary arrangement. R. L. Walsh. 1,575,084; Mar. 2.
Electrical condenser. W. Dubilier. 1,575,044–5; Mar. 2.
Electrical precipitation, Method and apparatus for. E. Hopkinson. 1,575,165; Mar. 2.
Electrical transformer. A. A. Howard. 1,575,341; Mar. 2.
Electrodes in ozonizers, Cooling the. R. Graef. 1,575,049; Mar. 2.
Elevator door-indicator device. H. D. Smith. 1,575,390; Mar. 2.

Emblem. J. M. Doyle. 1,575,419; Mar. 2.
Embroidery. J. D. Voss. 1,575,468; Mar. 2.
Engine: *See*—
Internal-combustion engine. Rotary engine.
Monorail engine. Valve engine.
Engine. C. L. Cook. 1,575,476; Mar. 2.
Engine. W. A. Doble, jr. 1,575,361; Mar. 2.
Engine main shafts, Counterbalancing. C. L. Walker. 1,575,239; Mar. 2.
Engine relating to the carburation of hydrocarbon-liquid fuel, Internal-combustion. G. Hamilton-Grapes. 1,575,333; Mar. 2.
Engines, Combined primer and humidifier for internal-combustion. J. E. Woodward. 1,575,401; Mar. 2.
Engines, Fuel-feed pump for internal-combustion. R. Walker. 1,574,772; Mar. 2.
Engines, Humidifier for internal-combustion. J. E. Woodward. 1,575402; Mar. 2.
Engines, Vaporizer for hydrocarbon. M. C. Korto and L. N. Wickert. 1,574,901; Mar. 2.
Escutcheon, Adjustable. J. Goodman. 1,575,330; Mar. 2.
Ethylene by means of sulphuric acid for the purpose of obtaining ethyl sulphuric esters, Rapid fixing of. A. A. L. J. Damiens, M. C. J. E. De Loisy, and O. J. G. Piette. 1,574,796; Mar. 2.
Excavator. W. W. Jones. 1,574,820; Mar. 2.
Extractors, Automatic guard for centrifugal. H. Evans. 1,575,325; Mar. 2.
Extractors, Safety guard for centrifugal. T. A. Bryson. 1,575,316; Mar. 2.
Fabric: *See*—
Felt fabric. Reenforced fabric.
Fabric, Cutting mechanism for pile. Z. Podhradsky. 1,575,127; Mar. 2.
Facing machines, Feed mechanism for. J. O. Barrett. 1,575,522; Mar. 2.
Fan attachment for carriages. S. Halmi. 1,575,202; Mar. 2.
Fan, Draft. J. E. Willoughby. 1,575,242; Mar. 2.
Fastener-attaching machine. F. E. Warner. 1,575,595; Mar. 2.
Fastener-setting machine. F. E. Warner. 1,575,596; Mar. 2.
Faucet, Nonfreezing sill. F. Conrad and S. Rasmussen. 1,575,547; Mar. 2.
Faucets, Swing spout for sink. O. W. Vallier. 1,574,855; Mar. 2.
Felt fabric. B. H. Johnson. 1,574,896; Mar. 2.
Fender brace, bumper, and trunk support, Combination. A. W. Nordgren. 1,575,074; Mar. 2.
Fermenting or curing cocoa beans and product resulting from such fermentation or curing. W. B. McLaughlin. 1,575,372; Mar. 2.
Fiber or like plate. A. Bothe. 1,575,597; Mar. 2.
Fiber tubes, Machine for making. G. Mehlum. 1,574,991; Mar. 2.
Fibers, tape, etc., from viscose, Manufacture of. A. Klimpf. 1,575,210; Mar. 2.
File-folder machine, Vertical-. R. H. Burgess. 1,574,789; Mar. 2.
Filing device. P. Van Vlissingen. 1,575,021; Mar. 2.
Finger ring. L. Lehr. 1,574,826; Mar. 2.
Fish bait or lure. R. S. Wiesenfeld. 1,575,139; Mar. 2.
Fishing bobber. K. Kuehn and O. Ribbeck. 1,575,216; Mar. 2.
Firearm. C. G. Swebilius. 1,575,018–19; Mar. 2.
Firearm, R. von Frommer. 1,574,770; Mar. 2.
Fire safety device. P. Klein. 1,575,344; Mar. 2.
Flagpole. R. M. Crum. 1,575,040; Mar. 2.
Flanging machine. J. Huber. 1,575,487; Mar. 2.
Flexible elements, Tightening device for. R. E. Barneck. 1,574,587; Mar. 2.
Floor dressing and polishing device. T. G. Johnson. 1,575,057; Mar. 2.
Flower holder. R. G. Cowan. Des. 69,569; Mar. 2.
Flowerpots and the like, Handle or hanger for. G. P. Shearer. 1,575,232; Mar. 2.
Foot supporting and correcting device. F. W. Krech. 1,575,490; Mar. 2.
Fowl and animal trap. A. G. Sparks. 1,575,456; Mar. 2.
Fruit, Packing and preserving. M. Carbone. 1,575,148; Mar. 2.
Fuel and apparatus therefor, Burning. S. McEwen. 1,575,350; Mar. 2.
Fuels, Using low-compression. T. Midgley, jr. 1,575,436–44; Mar. 2.
Furnace: *See*—
Heating furnace. Rotary furnace.
Open-hearth furnace.
Furnace humidifier. O. P. Nystrom. 1,575,379–80; Mar. 2.
Furnaces, Humidifier for hot-air. F. W. Armbruster, jr., and G. C. Betlem. 1,574,856; Mar. 2.
Fuse and cut-out mechanism. A. B. Rypinski. 1,575,009; Mar. 2.
Fuse cartridge. F. A. Feldkamp. 1,575,562; Mar. 2.
Fuse, Safety. C. D. Cuny and H. W. Johnson. 1,574,870; Mar. 2.
Fuse switch mechanism. T. B. Murray. 1,574,996; Mar. 2.
Gaiter, Waterproof. E. R. Wharton. 1,574,778; Mar. 2.
Galley or chase, Lock-up. I. W. Litchfield. 1,574,827; Mar. 2.
Garage for motor vehicles, Trolley parking. F. J. Koch. 1,574,822; Mar. 2.
Garnett machine. W. F. Bokum. 1,575,528; Mar. 2.
Garter. E. G. Clements. 1,575,544; Mar. 2.
Gas-absorbing substances from penetration by liquids, Protecting. R. Oppenheim. 1,574,844; Mar. 2.
Gas range. W. E. Sexton. 1,574,940; Mar. 2.
Gas to consumers, Process and apparatus for distributing. J. P. Fisher. 1,575,260; Mar. 2.
Gaseous or liquid mixtures, Separation of. P. E. Haynes. 1,575,557; Mar. 2.
Gate: *See*—
Crossing gate.
Gauge: *See*—
Depth gauge. Tool-maker's gauge.
Micrometer height gauge.
Gear, Composite. G. S. Turner and B. J. Gudge. 1,574,020; Mar. 2.
Gear, Friction. R. Erben. 1,574,803; Mar. 2.
Gearing for motor road vehicles, Change-speed. J. Rhodes. 1,574,936; Mar. 2.
Gearing, Friction. L. A. Carter. 1,575,252; Mar. 2.
Gelatin, Drying. H. W. Luscher. 1,575,348; Mar. 2.
Glareshield. A. T. Kellogg. 1,574,899; Mar. 2.
Glass: *See*—
Sheet glass.
Glass and process therefor, Apparatus for making. R. R. Shively. 1,575,514; Mar. 2.
Glass-cutter's table. L. A. Grolemund. 1,574,965; Mar. 2.
Glass-delivering apparatus. E. H. Lorenz. 1,575,370; Mar. 2.
Glass, Drawing and flattening table for sheet. C. A. Bowley. 1,575,006–7; Mar. 2.
Glass machine. P. P. Kucera. 1,574,903; Mar. 2.
Golf ball, Practice. A. Rosenberg. 1,575,251; Mar. 2.
Golf club. M. R. Marston. 1,574,915; Mar. 2.
Golf club. C. Sunter. 1,575,460; Mar. 2.
Golf-club head. R. R. Hodgkins. 1,575,364; Mar. 2.
Golf-club straightener. J. Walton. 1,575,023; Mar. 2.
Gopher trap. A. M. Palmer, sr., and A. M. Palmer, jr. 1,574,847; Mar. 2.
Governing apparatus. H. R. Trotter. 1,575,138; Mar. 2.
Governing system for rotating machines. W. B. Flanders. 1,575,158; Mar. 2.
Governor. W. B. Flanders. 1,575,159; Mar. 2.
Grain binders, Flax-pulling attachment for. S. S. Gilbert. 1,575,569; Mar. 2.
Grain cross conveyer and dockage remover, Combined. A. S. Barker. 1,574,751; Mar. 2.
Grain-drill tooth. J. A. Mitchell. 1,574,917; Mar. 2.
Grinding and polishing machine. F. Ecaubert. 1,575,156; Mar. 2.
Grinding machine, Centerless. S. Einstein, L. F. Nenninger, and W. D. Archea. 1,575,558; Mar. 2.
Grinding machines, Work-carrying device for. W. D. Archea. 1,575,520; Mar. 2.
Grinding machines, Work rest and guiding device for. S. Einstein and L. F. Nenninger. 1,575,557; Mar. 2.
Gumming device. J. G. Fleming. 1,575,564; Mar. 2.
Gum-tape printer. H. C. Wolfe. 1,575,303; Mar. 2.
Gun, Grease. F. T. Rundell. 1,575,080; Mar. 2.
Gun, Line-throwing. G. C. Davison and C. P. Caulkins. 1,575,321; Mar. 2.
Hair curler. C. E. Byrne. 1,575,540; Mar. 2.
Hair-waver. E. Hagemeister. 1,575,578; Mar. 2.
Hair-waving devices. C. G. Nessler. 1,574,923; Mar. 2.
Hairpins or like articles, Machine for arranging, counting, and grouping. S. H. Goldberg. 1,574,882; Mar. 2.
Hand-operated press. W. H. Brecknell. 1,574,787; Mar. 2.
Handle. A. H. Bates. 1,575,028; Mar. 2.
Handle. L. F. Carroll. 1,574,790; Mar. 2.
Handle-securing device. H. Harvey. 1,574,815; Mar. 2.
Hanging-arch construction. E. P. Stevens. 1,574,946; Mar. 2.
Harness. J. O. Adams. 1,575,515; Mar. 2.
Harp attachments, Shifting rods for. A. Wasemann. 1,575,298; Mar. 2.
Hasp seal. E. Dietze. 1,575,418; Mar. 2.
Hatch cover and means for operating and locking the same. W. E. Wine. 1,574,777; Mar. 2.
Harvester. H. S. Clapp. 1,575,405; Mar. 2.
Head-gate construction. R. E. Boulton. 1,575,530; Mar. 2.
Headgear. E. Cairns. 1,575,251; Mar. 2.
Headlight. F. S. Garford and J. W. Caudwell. 1,575,327; Mar. 2.
Headlight, Automobile. C. E. Beatty. 1,575,523; Mar. 2.
Headlight for automobiles, Tilting. P. R. Collier. 1,575,412; Mar. 2.
Headlight for small automobiles, Tilting. P. R. Collier. 1,575,413; Mar. 2.
Headlight, Movable. J. W. Reynolds. 1,575,505; Mar. 2.
Headlight reflector, Tiltable. L. R. Yeager. 1,575,403; Mar. 2.
Headlights, Attachment for. C. T. Hixson. 1,574,833; Mar. 2.
Heat treating substances packed in sealed receptacles, Apparatus for. N. H. Fooks. 1,575,196; Mar. 2.
Heat treatment of materials, Magnetically-controlled. D. S. O'Donovan. 1,575,178; Mar. 2.
Heater: *See*—
Electric heater. Steam heater.

Heater for liquid-circulating systems. E. C. Johnstone. 1,575,580; Mar. 2.
Heating element, Solar. W. A. Anderson. 1,575,809; Mar. 2.
Heating furnace, Blank-. A. D. Ferguson. 1,574,876; Mar. 2.
Heel-building machine. L. A. Holman. 1,574,891; Mar. 2.
Heel, Rubber. E. G. Bleser. 1,575,818; Mar. 2.
Hog trap. J. C. Lucas. 1,574,828; Mar. 2.
Hoist, Brake for motor-operated. S. M. Hunn. 1,574,975; Mar. 2.
Hoist cables, Method of and apparatus for cleaning and conserving. K. Bocher. 1,575,526; Mar. 2.
Hoist, Double-drum. E. B. Lear. 1,574,910–12; Mar. 2.
Hoisting apparatus. E. C. and W. W. Wilson. 1,575,142; Mar. 2.
Holding device. A. S. Crowley. 1,574,869; Mar. 2.
Hose reel, Self-winding. W. J. Hepworth and W. S. Hornbeck. 1,575,287; Mar. 2.
I-beam clamp. F. H. Howard. 1,575,268; Mar. 2.
Ice-cream containers, Making. G. Horvath. 1,574,972; Mar. 2.
Ice-cream freezers, Gauge box for. A. E. Alchin. 1,574,743; Mar. 2.
Ice-cream ladle. W. H. Brueseke. 1,574,788; Mar. 2.
Ignition system. O. A. Knopp. 1,575,170; Mar. 2.
Incinerator. F. J. Weber. 1,575,024; Mar. 2.
Incinerator, Garbage. M. A. Kohn. 1,575,215; Mar. 2.
Incubator attachment. K. Pommer. 1,574,757; Mar. 2.
Indicator switch, Direction-. J. M. Miller. 1,575,446; Mar. 2.
Indicator top. B. L. Henry. 1,575,264; Mar. 2.
Induction heating and ventilating system. D. Hunter. 1,574,892; Mar. 2.
Index tab. J. W. Pearl. 1,575,383; Mar. 2.
Index tabs, Machine for making. R. F. Taber. 1,575,463; Mar. 2.
Index, Visible. F. D. Powell. 1,574,931; Mar. 2.
Insect-destroying machine. S. H. Manly. 1,575,072; Mar. 2.
Insulation equipment. F. H. Getts. 1,574,964; Mar. 2.
Insulator bracket. H. E. Hoenig. 1,575,484; Mar. 2.
Insulator clevis, Strain-. B. J. Barmack. 1,575,407; Mar. 2.
Insulators, Method and apparatus for cementing. W. F. Harvey. 1,574,883; Mar. 2.
Internal-combustion engine. J. M. Cage. 1,575,541; Mar. 2.
Internal-combustion engine. G. Horvath. 1,574,971; Mar. 2.
Internal-combustion engine. C. Latta. 1,575,218; Mar. 2.
Internal-combustion engine. L. L. Luce and L. Mattson. Re16,281; Mar. 2.
Invoice sheet. W. E. Torfs. 1,575,395; Mar. 2.
Ironing board. H. K. Duffield. 1,575,553; Mar. 2.
Ironing board. F. A. Lavendler. 1,575,494; Mar. 2.
Jack: *See*—
Lifting jack. Spotting jack.
Screw jack. Window jack.
Jacks, Auxiliary lever attachment for. G. E. Dyer. 1,575,046; Mar. 2.
Joint: *See*—
Pipe joint. Rail joint.
Joint breaker. F. J. Hinderliter. 1,575,488; Mar. 2.
Key case. R. H. and H. J. Rolfs. 1,575,228; Mar. 2.
Key retainer. E. D. McDill. 1,574,832; Mar. 2.
Kiln, Tunnel. H. W. Weber and A. O. Schleiffarth. 1,575,470; Mar. 2.
Kilns and time control therefor, Steaming dry. F. W. Rubin. 1,575,008; Mar. 2.
Kit container, First-aid-. L. P. Howe. 1,575,206; Mar. 2.
Knife, Paring. F. E. Hall. 1,575,332; Mar. 2.
Knife, Trimming. R. Hamada. 1,575,425; Mar. 2.
Knob-securing means. H. L. Bradley. 1,575,410; Mar. 2.
Lace. S. H. Page. Des. 69,607; Mar. 2.
Ladder, Metal. F. L. Jacobs. 1,575,208; Mar. 2.
Lamp-bulb support. W. Wurdack, jr. 1,575,245; Mar. 2.
Lamp canopy. H. L. Johnston. Des. 69,590; Mar. 2.
Lamp, Floor. F. S. Jarrett. Des. 69,585; Mar. 2.
Lamp for automobiles, Pilot. M. L. Blanton. 1,575,525; Mar. 2.
Lamp mounting, Electric-. C. H. Cuno. 1,575,548; Mar. 2.
Lantern. C. A. Breen. 1,575,035; Mar. 2.
Lapper. W. M. Houldsworth. 1,575,267; Mar. 2.
Latch, Door. P. Lang. 1,575,493; Mar. 2.
Latch-lock core-holding device, Manually-releasable snap-. F. E. Best. 1,575,091; Mar. 2.
Lathes, Backing-off attachment for. A. Bailey. 1,574,749; Mar. 2.
Lead accumulator, Manufacturing a. K. Kawakami. 1,575,167; Mar. 2.
Lemon reamer. V. V. Loomis. Des. 69,603; Mar. 2.
Lens-block-centering jig. H. W. Hill. 1,574,816; Mar. 2.
Lens cutter. A. E. Maynard. 1,574,989; Mar. 2.
Lenses, Machine for grinding. M. Bentson. 1,575,311; Mar. 2.
Lid remover. P. D. Gerhart. 1,575,568; Mar. 2.
Lifting jack, Hydraulic. W. J. Cooper. 1,575,089; Mar. 2.
Light: *See*—
Safety light.
Light-controlling device. T. Bull. 1,575,147; Mar. 2.
Lighting fixture. S. Csapek. Des. 69,570; Mar. 2.
Lighting fixture. P. Kestell. 1,575,166; Mar. 2.
Lighting-fixture bracket plate. F. L. Linden. Des. 69,602; Mar. 2.
Limb, Artificial. T. M. Lawrence. 1,575,068; Mar. 2.
Limit switch. G. B. Scheer. 1,575,010; Mar. 2.
Liquid fuel Burner for. E. Juillard. 1,575,369; Mar. 2.
Liquid receiving and conveying device. J. H. Lowden. 1,575,371; Mar. 2.
Liquids, Process and apparatus for securing temporary intimate contact between immiscible. L. D. Jones. 1,575,116; Mar. 2.
Liquor, Regeneration process for black. A. H. White. 1,575,473; Mar. 2.
Lister attachment. W. J. Holman and G. L. Hayward. 1,575,485; Mar. 2.
Lock: *See*—
Automobile lock. Mortise and tenon joint lock.
Book lock. Sash lock.
Brake lock. Window lock.
Combination lock.
Door lock.
Lock. N. B. Hurd. 1,575,589; Mar. 2.
Lock, Combination. F. and W. V. E. Torka. 1,575,137; Mar. 2.
Lock face. F. E. Best. 1,575,092; Mar. 2.
Locomotive boiler. C. G. Hawley. 1,575,050–1; Mar. 2.
Locomotive boiler. J. L. Nicholson. 1,574,997; Mar. 2.
Locomotive boiler. J. L. Nicholson. 1,575,073; Mar. 2.
Locomotive cab frame and truck. N. W. Storer and H. A. Houston. 1,575,016; Mar. 2.
Locomotives, Water column for. A. H. Oelkers. 1,575,381; Mar. 2.
Log carrier. A. W. Lewis. 1,575,070; Mar. 2.
Loom for weaving fine fabrics. A. Zanchi. 1,575,305; Mar. 2.
Looms, Feeler mechanism for. H. A. Davis. 1,575,550; Mar. 2.
Looms, Warp stop mechanism for. H. A. Davis. 1,575,549; Mar. 2.
Looping system. W. T. Hofmann. 1,574,889; Mar. 2.
Lubricator. E. McCoy. 1,574,983; Mar. 2.
Luggage carrier, Adjustable and foldable. A. H. Krueger. 1,575,491; Mar. 2.
Lumber-stacking device. J. H. Johnson. 1,574,895; Mar. 2.
Machine and process involving the use of the same, Centrifugal. L. D. Jones and A. U. Ayres. 1,575,051; Mar. 2.
Machine-control means, Automatic. B. L. Van Orman. 1,574,769; Mar. 2.
Machine, Hand-polishing. E. F. Kaiser. 1,575,052; Mar. 2.
Magneto, Starter-pawl tripper for. W. E. Lacey. 1,575,066; Mar. 2.
Manifold support. P. I. Hollman. 1,575,265; Mar. 2.
Margining and the feeding of sheets to rotary machines, Mechanism for the. H. Bobst. 1,574,784; Mar. 2.
Marshmallow-cutting machine. P. Passarelli. 1,575,274; Mar. 2.
Mastic sheet material, Manufacturing. F. R. Muller. 1,575,373; Mar. 2.
Meat chopper. W. J. Anderson. 1,575,406; Mar. 2.
Medical appliance. L. Martucci-Pisculli. 1,575,123; Mar. 2.
Metal-extruding machine. W. R. Clark. 1,574,792; Mar. 2.
Metal weather strip. G. R. Siefken. 1,575,012; Mar. 2.
Metals, Separation of. S. Giertsen. 1,575,160; Mar. 2.
Meter: *See*—
Photographic exposure me- Vacuum meter.
ter.
Micrometer height gauge. D. Anderson. 1,575,246; Mar. 2.
Milk and the like, Cooling holder for. E. Behringer. 1,574,861; Mar. 2.
Milk-bottle opener and cap. R. Cruyff. 1,575,319; Mar. 2.
Mineral-type detectors, Functioning part of. L. B. Lambert. 1,575,067; Mar. 2.
Minerals, Method and mechanism for dehydrating. W. R. Wade. 1,574,960; Mar. 2.
Mining apparatus. R. E. Murphy. 1,574,920; Mar. 2.
Mining-machine chain link and bit. N. K. Bowman. 1,575,318; Mar. 2.
Mining machine, Coal-. N. D. Levin. 1,575,431; Mar. 2.
Miter box, Portable. M. A. Martin. 1,575,354; Mar. 2.
Mitt, Packer's. J. H. Otto. 1,574,927; Mar. 2.
Mixer. W. J. Stonesifer. 1,575,458; Mar. 2.
Modulation. H. A. Affel. 1,574,780; Mar. 2.
Mold: *See*—
Tire mold.
Mold, die, and the like and making the same. C. P. Madsen. 1,575,122; Mar. 2.
Mold stripping and transferring machine. W. P. Stanton. 1,575,391; Mar. 2.
Molded product and its manufacture. H. A. L. Wettsel. 1,575,472; Mar. 2.
Molding machine. C. B. Mansir. 1,574,986; Mar. 2.
Monorail engine. T. H. Wright. 1,575,304; Mar. 2.
Mop. A. H. Crolly. 1,574,795; Mar. 2.
Mop. T. G. Johnson. 1,575,058; Mar. 2.
Mortise and tenon joint lock. J. V. Thompson. 1,575,460; Mar. 2.
Motor: *See*—
Rotary motor. Spring motor.

Mounting, Outboard-motor. L. J. and H. L. Johnson. 1,574,977; Mar. 2.
Musical instrument, Stringed. W. I. Kirk and L. E. Petersen. 1,575,212; Mar. 2.
Musical instruments, Socket joint for wind. M. Earl. 1,575,257; Mar. 2.
Nail driver and set. E. M. Joy. 1,575,582; Mar. 2.
Name plate. W. H. Wix. 1,575,244; Mar. 2.
Name plate for wire fences. A. Blaeser. 1,575,409; Mar. 2.
Necktie-interlining fabric. M. Recher. 1,575,003; Mar. 2.
Negatives from which printing plates may be produced, Method of and apparatus for making. L. Bassani. 1,575,408; Mar. 2.
Nipple, Air-hose. H. Dean. 1,575,600; Mar. 2.
Oil burner. O. H. Herman. 1,575,480; Mar. 2.
Oil-burning unit. A. W. Morse. 1,574,839; Mar. 2.
Oil collector and distributor. J. H. Piper. 1,575,078; Mar. 2.
Oil-compression brake. O. G. Phillips. 1,575,592; Mar. 2.
Oil-distributing apparatus. H. W. Stocking. 1,575,134; Mar. 2.
Oil refining, Pressure still for. D. Pysel. 1,574,935; Mar. 2.
Oils, Increasing the durability of pure salad or sweet. H. Bollmann. 1,575,529; Mar. 2.
Oils under pressure, Method and apparatus for cracking. J. E. Bell. 1,575,031; Mar. 2.
Open-hearth furnace. G. L. Danforth, jr. 1,574,797; Mar. 2.
Open-hearth furnace. J. D. Jones and E. E. Litz. 1,575,060; Mar. 2.
Ophthalmic mounting. L. Poeton. 1,575,278; Mar. 2.
Osmium alloy. E. Haagn. 1,574,906; Mar. 2.
Overshoe. C. A. Emerson. Des. 69,575; Mar. 2.
Oxide terminal. A. D. Keene. 1,575,117; Mar. 2.
Painting material of powder form for use with either water or oil, Preparing. M. Tsubata. 1,574,854; Mar. 2.
Paper and adjunct therefor, Watermarking. A. Allen. 1,575,518; Mar. 2.
Paper or the like, Cover. T. L. Stone. Des. 69,620; Mar. 2.
Paper-winding machines, Guard for. A. E. Bartlett. 1,575,088; Mar. 2.
Patch machines, Cross-stitch attachment for. J. Opacity. 1,575,273; Mar. 2.
Pavement conformation, Making. M. F. Bramley. 1,574,754; Mar. 2.
Peach grader. W. H. Frasine and C. W. Morrill. 1,575,424; Mar. 2.
Pedal, Foot. E. D. Osborne. 1,575,224; Mar. 2.
Pen, Combination fountain. C. Duncan. 1,574,800; Mar. 2.
Pen, Fountain. J. H. Murdock. 1,574,919; Mar. 2.
Pen, Fountain. R. T. Pollock. 1,574,929–30; Mar. 2.
Pencil holder. A. Fleming. 1,575,195; Mar. 2.
Pencil, Magazine. I. Greene. 1,575,331; Mar. 2.
Pencil, Magazine. J. E. Platon. 1,575,502; Mar. 2.
Pencil or similar article, Cap for a. G. H. Bartle. Des. 69,556; Mar. 2.
Phenolphthalein and making the same. E. B. Putt. 1,574,934; Mar. 2.
Photographic exposure meter. J. R. Hewett. 1,575,338; Mar. 2.
Photographic light-sensitive material and making the same. S. E. Sheppard. 1,574,944; Mar. 2.
Photographic material, Light-sensitive. S. E. Sheppard. 1,574,948; Mar. 2.
Photographic sensitiser. M. C. Beebe and A. Murray. 1,575,143; Mar. 2.
Piano-locking device. I. E. and M. K. Bretzfelder and J. Shady. 1,575,532; Mar. 2.
Pianos, String plate for grand. W. G. Bets. 1,574,863; Mar. 2.
Picker. A. Gagnon. 1,575,598; Mar. 2.
Picture machine, Motion-. I. N. Steigman. 1,575,133; Mar. 2.
Picture projectors, Casing for motion-. G. J. Badgley. Des. 69,554; Mar. 2.
Pictures, Producing composite motion. F. Earle. 1,575,478; Mar. 2.
Pie-crust dough, Machine for rolling. J. F. Kohler. 1,575,213; Mar. 2.
Pie-making machine. J. F. Kohler. 1,575,214; Mar. 2.
Pilot, Lumber. F. W. Horstkotte. 1,575,339; Mar. 2.
Pin-lifting device. G. M. Waddy. 1,575,295; Mar. 2.
Pipe. B. L. Corson. 1,575,099; Mar. 2.
Pipe and nut wrench. D. C. Morris and J. W. Palmer. 1,575,448; Mar. 2.
Pipe, Apparatus for annealing. C. W. Dardeen. 1,575,087; Mar. 2.
Pipe connection and orifice-disk housing, Combined. J. P. Fisher. 1,573,259; Mar. 2.
Pipe fastener, Invisible. S. E. Lewis. 1,575,432; Mar. 2.
Pipe joint. A. G. Perkins. 1,575,180; Mar. 2.
Pipe wrench. J. H. Seiter. 1,575,593; Mar. 2.
Pipes, cylindrical tanks, etc., Apparatus for making openings in. M. W. Kellogg. 1,574,900; Mar. 2.
Piston ring. E. C. Norton. 1,574,926; Mar. 2.
Plant-topping machine. F. Hajosi. 1,574,967; Mar. 2.
Planter, Corn. G. M. Yackley. 1,574,955; Mar. 2.
Planters, Line-wire guide for checkrow. J. W. Parker. 1,574,928; Mar. 2.
Plastic composition material and producing the same. G. J. Votapek. 1,574,771; Mar. 2.
Plastic material and producing the same. C. A. Nash. 1,574,842; Mar. 2.
Plate lifter. M. Guitian. 1,575,576; Mar. 2.
Platform. W. Stuebing, jr. 1,575,462; Mar. 2.
Platforms, Locking device for car-dumper. R. W. Crist. 1,575,415; Mar. 2.
Plow. G. S. Kohut. 1,575,171; Mar. 2.
Plow, Disk. O. W. Howard. 1,574,974; Mar. 2.
Plunger. L. A. Fiset. 1,575,102; Mar. 2.
Pneumatic tool. W. A. Smith and C. H. Dockham. 1,574,762; Mar. 2.
Pocket check protector. C. C. McCombs. 1,574,830; Mar. 2.
Polishing device. E. C. Brierley. 1,575,533; Mar. 2.
Pop corn machine. G. H. Bossebo and H. Waltman. 1,575,005; Mar. 2.
Poultry car. I. V. Edgerton. 1,574,802; Mar. 2.
Power-plant units, Adjustable base for. G. C. La Marsna. 1,575,492; Mar. 2.
Power-transmitting mechanism. R. C. Seymour. 1,575,260; Mar. 2.
Press: *See*—
Hand-operated press. Printing press.
Printing plates, Cooling photomechanical. F. T. Powers. 1,574,849; Mar. 2.
Printing press. R. C. Seymour. 1,574,851; Mar. 2.
Proofer, Automatic. S. Schiff. 1,575,282; Mar. 2.
Producing gears. N. Trbojevich. 1,575,896; Mar. 2.
Producing, photographing, and presenting a cross-word puzzle. I. Schwartz. 1,575,181; Mar. 2.
Pulp product, Manufacturing a. A. Tingle. 1,575,290; Mar. 2.
Pulverizer beater. W. H. Shave. 1,575,452; Mar. 2.
Pump. S. Hinde. 1,574,887; Mar. 2.
Pump gear, Duplex. A. H. Kennedy. 1,575,583; Mar. 2.
Pump, Oil-dispensing. P. W. Fenton. 1,575,423; Mar. 2.
Pump, Oil-well. T. W. Brittain. 1,575,250; Mar. 2.
Pump, Rotary. L. Anderson. 1,575,405; Mar. 2.
Pump, Rotary. O. C. Goeris. 1,575,048; Mar. 2.
Pumping apparatus, Fluid-pressure. F. M. Slater. 1,575,945; Mar. 2.
Punch, Waiter's. R. A. Myers. 1,574,841; Mar. 2.
Push button. F. N. Miser. 1,575,376; Mar. 2.
Radiator cap. W. Schnell. Des. 69,611–12; Mar. 2.
Radio apparatus. C. W. Denny, W. E. McLaughlin, and G. Helwig. 1,574,958; Mar. 2.
Radio console cabinet. C. L. Adler. Des. 69,552; Mar. 2.
Radio loud speaker. L. Wulkan. Des. 69,621; Mar. 2.
Radioplug. R. H. Manson. 1,575,496; Mar. 2.
Radio receiving apparatus, Wired. C. W. Hough. 1,575,340; Mar. 2.
Rail joint. J. O. Tardif. 1,575,394; Mar. 2.
Railway structure and method, Paved. W. S. Godwin. 1,574,810; Mar. 2.
Railway tie. E. C. Buchanan. 1,575,095; Mar. 2.
Railway-traffic-controlling apparatus. R. A. McCann. 1,575,349; Mar. 2.
Railway-traffic-controlling apparatus. R. P. Tuttle. 1,575,897; Mar. 2.
Railway-traffic-controlling apparatus. H. A. Wallace. 1,575,296–7; Mar. 2.
Ranges, Door mechanism for. W. E. Sexton. 1,574,941; Mar. 2.
Razor blades, Stabiliser for safety-. H. B. Cohen. 1,574,798; Mar. 2.
Razor, Safety. R. W. McGarvey. 1,574,833; Mar. 2.
Receptacle. J. B. Maserang. 1,574,827; Mar. 2.
Receptacle, Paper. A. Moore. 1,575,124; Mar. 2.
Record file, Visible-. A. T. Langjahr. 1,574,909; Mar. 2.
Recording strip. A. Suk. 1,575,081; Mar. 2.
Reel: *See*—
Hose reel.
Reenforced fabric. S. H. Laury. 1,575,225; Mar. 2.
Refrigerator construction. L. G. Copeman. 1,574,868; Mar. 2.
Registering mechanism. O. C. From. 1,575,826; Mar. 2.
Regulator: *See*—
Compressor regulator. Window regulator.
Removing flaws and slivers from worn rails, Apparatus for. J. L. Smith. 1,575,184; Mar. 2.
Repeater system, Voice-operated. H. A. Barton. 1,574,781; Mar. 2.
Ring: *See*—
Finger ring. Piston ring.
Ring. S. Fischer. 1,574,962; Mar. 2.
Ring or the like. J. Pejchar. Des. 69,608; Mar. 2.
Rivet and forging machines, Centering and locking means for the punches in. S. H. Svensson and E. O. Bergkvist. 1,575,461; Mar. 2.
Rod cap, Curtain-. B. M. Stannard and W. K. Bishop. 1,575,288; Mar. 2.
Rooting element. F. E. Sinnett. 1,575,183; Mar. 2.
Rotary engine. W. M. Ingram. 1,574,978; Mar. 2.
Rotary furnace. A. H. Pehrson. 1,574,930; Mar. 2.
Rotary motor. O. F. Presbrey. 1,575,504; Mar. 2.
Rubber articles, Method and apparatus for making hollow. F. T. Roberts. 1,575,885; Mar. 2.
Safe protector. D. Ruff. 1,575,229; Mar. 2.
Safety light. W. B. Lisher. 1,574,982; Mar. 2.
Sanding device. R. H. Conty. 1,575,096; Mar. 2.

Sanitary fixture. F. T. Meyer. 1,575,220; Mar. 2.
Sash lock, Window-. T. W. Rickel. 1,574,759; Mar. 2.
Sash lock, Window-. A. E. Scharf. 1,574,930; Mar. 2.
Saw, Hand-driven circular. T. Guza. 1,575,577; Mar. 2.
Scoring machine. R. E. J. Nordquist. 1,575,223; Mar. 2.
Screen. A. H. Stebbins. 1,575,457; Mar. 2.
Screening device. C. G. Knoblauch. 1,575,601; Mar. 2.
Screw holder and driver. J. L. and A. B. Craig. 1,575,149; Mar. 2.
Screw jack, Double. A. L. Johnson. 1,575,166; Mar. 2.
Seaming head. S. N. Tevander. 1,574,764; Mar. 2.
Self-feeder. G. W. Mann. 1,575,173; Mar. 2.
Separating process. R. Ellis. Re16,279; Mar. 2.
Sewing. F. Baker. 1,575,186; Mar. 2.
Sewing machine. A. B. Fowler. 1,575,104; Mar. 2.
Sewing machine. A. B. Fowler. 1,575,106–13; Mar. 2.
Sewing machine. J. Schreiber. 1,575,389; Mar. 2.
Sewing machine. C. J., J. O., and C. T. A. Sibbald. 1,575,285; Mar. 2.
Sewing-machine attachment. A. Shutzer. 1,575,458; Mar. 2.
Sewing machine, Inseam-shoe-. A. B. Fowler. 1,575,103; Mar. 2.
Sewing-machine motor. E. N. Anketell. 1,574,745; Mar. 2.
Sewing machines, Tufting-attachment mechanism for. J. M. Gladish. 1,575,570; Mar. 2.
Shackle cover. J. A. H. Johnston. 1,574,898; Mar. 2.
Shaft bench grinder, Flexible-. A. B. Bachmann. 1,575,307; Mar. 2.
Shakes, Machine for splitting. J. N. Thomas. 1,575,082; Mar. 2.
Shank stiffener. G. H. Gillis. 1,575,047; Mar. 2.
Shaping mechanism. R. W. Johnson. 1,575,367; Mar. 2.
Sharpener, Knife. P. L. Dufloth. 1,575,554; Mar. 2.
Sheet glass, Drawing. T. C. McKinley. 1,574,984; Mar. 2.
Sheet-metal track-belt unit. R. H. White. 1,575,475; Mar. 2.
Shell drill. J. Chesney. 1,575,253; Mar. 2.
Shock absorber. L. Boyd. 1,575,187; Mar. 2.
Shoe. C. L. Daly. 1,574,872; Mar. 2.
Shoe and making same. G. W. Robertson. 1,575,004; Mar. 2.
Shoe counter. J. L. Tyler. 1,575,466; Mar. 2.
Shoe fastener. B. Rautio. 1,575,387; Mar. 2.
Shoe lace. Resilient. F. M. Wakimoto. 1,575,022; Mar. 2.
Shoe last. G. H. Boehmer. 1,575,527; Mar. 2.
Shoe, Molder's. A. L. Rohrbacher, jr. 1,575,507; Mar. 2.
Shoes, Machine for operating on. J. R. Hooke. 1,575,053; Mar. 2.
Sighting device. J. B. Henderson. 1,575,606; Mar. 2.
Signal: *See*—
Conveyer signal. Vehicle signal.
Traffic signal.
Skate. A. K. Johnson. 1,575,265; Mar. 2.
Skin, Sewed. H. Kleinman. 1,575,345; Mar. 2.
Skinning tool. H. Jezler. 1,574,819; Mar. 2.
Skylight and roofing construction. L. Baumgartl. 1,574,860; Mar. 2.
Sled, Motor. K. J. E. Nilson. 1,574,924; Mar. 2.
Sleeve linings into armholes thereof, Garment and sewing. R. A. Feiss. 1,575,562; Mar. 2.
Sleigh, Motor. F. B. Mierzejewski. 1,575,174; Mar. 2.
Slotting machine. F. C. H. Müller. 1,574,995; Mar. 2.
Slug, rule, and border standard, Portable. E. P. Ehrlinger. 1,575,258; Mar. 2.
Sodium formate from carbon monoxide, Manufacture of. M. Enderli. 1,574,875; Mar. 2.
Soles. Machine for shaping lipped. J. W. Cosgrove. 1,574,794; Mar. 2.
Soot blower. P. Lippert and J. S. Dean. 1,574,981; Mar. 2.
Spinning and roving machines, Auxiliary shifting guide for. J. Wood and W. Haynes. 1,575,400; Mar. 2.
Spool holder. L. E. Schenck. 1,575,129; Mar. 2.
Spotting jack. J. Lear and C. A. Brost. 1,575,430; Mar. 2.
Spray application of coating compositions. C. Di Battista. 1,575,152; Mar. 2.
Spring: *See*—
Vehicle spring.
Spring motor. H. T. Kingsbury. 1,575,065; Mar. 2.
Spring-perch remover. A. I. Albright and F. L. Myatt. 1,575,517; Mar. 2.
Spring snub, Double-acting. A. N. Anthes. 1,574,746; Mar. 2.
Stand: *See*—
Bird stand. Display stand.
Boiler stand.
Stand. H. G. Tiffany. 1,575,235; Mar. 2.
Stapling machines, Lasting attachment for. A. H. Prensel. 1,575,279; Mar. 2.
Statuette. D. T. Fisher, jr. Des. 69,582; Mar. 2.
Steam heater, Portable. J. W. Rudder. 1,574,938; Mar. 2.
Steam injector with automatic shifting valve. H. Deutsch. 1,574,798; Mar. 2.
Steam turbine. K. Banmann. 1,574,859; Mar. 2.
Steel, Nonmagnetic. E. Becker. 1,574,782; Mar. 2.
Stencil, Lettering-guide. E. C. Wood. 1,574,953; Mar. 2.
Stenciling machine. C. G. Rosenhauer. 1,575,503; Mar. 2.
Stokers, Drive unit for. R. A. Munson. 1,575,358; Mar. 2.
Stools and the like, Floor fastening for. S. A. Hathorne. 1,575,162; Mar. 2.
Stop mechanism. A. B. Fowler. 1,575,105; Mar. 2.
Stop mechanism. E. Gregory. 1,575,574; Mar. 2.
1,576,162; Mar. 2.
Stopper: *See*—
Bottle stopper.
Stopping and restarting mechanism. B. Marcellus. 1,575,373; Mar. 2.
Storage battery. F. E. Sutton. 1,575,393; Mar. 2.
Storage tank. J. Bown. 1,575,033; Mar. 2.
Stove, Knockdown cooking. J. J. Schelb. 1,575,451; Mar. 2.
Street indicator or annunciator. J. L. Scroggins. 1,575,511; Mar. 2.
Striking-bag platform. M. Golomb. 1,575,329; Mar. 2.
Suction cleaner. H. C. Hettelsater. 1,575,363; Mar. 2.
Suction sweeper. H. C. Hettelsater. 1,574,970; Mar. 2.
Suction sweepers, Attachment to. J. Del Rio. 1,575,256; Mar. 2.
Sugar-dispensing device. C. Hafner. 1,574,813; Mar. 2.
Sulphur from impure sulphur or ores containing the same in elemental form, Producing purified. C. Marx. 1,574,988; Mar. 2.
Sulphur, Producing purified. C. Marx. 1,574,987; Mar. 2.
Sunshade. M. E. and C. E. McClay. 1,575,219; Mar. 2.
Support, Adjustable. R. E. Brinson. 1,575,534; Mar. 2.
Supporting structure, Interchangeable. S. Jankowsky. 1,575,270; Mar. 2.
Swimming garment. J. Czyzykowski. 1,575,255; Mar. 2.
Switch: *See*—
Electric switch. Limit switch.
Indicator switch.
Switch. P. J. Dever. 1,575,043; Mar. 2.
Switch. J. Lukaszewski. 1,575,172; Mar. 2.
Switch. J. K. Smith. 1,575,454; Mar. 2.
Switch and signal rods, Carrier support for. J. C. Mock. 1,575,377; Mar. 2.
Switch mechanism. H. G. Baxter. 1,574,029; Mar. 2.
Switch mechanism. J. M. Brown. 1,575,036; Mar. 2.
Table: *See*—
Glass-cutter's table.
Tamper. J. A. Mayberry. 1,575,355; Mar. 2.
Tank: *See*—
Storage tank. Transformer tank.
Tank cap, Gasoline-. H. H. Conner, jr. 1,575,097; Mar. 2.
Tanks, Attachment for flush. B. O. Tilden. 1,575,236; Mar. 2.
Tape, Bias binding. A. L. Milner. 1,575,357; Mar. 2.
Mar. 2.
Taping machine, Gluing attachment for veneer-. F. W. Dove. 1,575,551; Mar. 2.
Tappet-adjusting tool. G. B. Englund. 1,575,560; Mar. 2.
Telegraph, Ship. W. R. Hornberger. 1,575,599; Mar. 2.
Telephone-exchange system. G. Deakin. 1,574,873; Mar. 2.
Telephone-exchange system. I. H. Henry. 1,575,336; Mar. 2.
Telephone-exchange system. T. G. Martin. 1,574,836; Mar. 2.
Telephone-exchange system. W. C. Weaver. 1,575,299; Mar. 2.
Telephone-exchange system. S. B. Williams. 1,575,140; Mar. 2.
Telephone-exchange system. J. L. Wright. 1,574,954; Mar. 2.
Telephone receivers, Amplifier for. J. L. Guerrant. 1,575,575; Mar. 2.
Telephone switches, Automatic testing system for automatic. A. S. Bertels and E. F. Trapp. 1,575,312; Mar. 2.
Telephone system. R. W. Harper. 1,575,334; Mar. 2.
Telephone system. H. W. O'Neill. 1,575,271–2; Mar 2.
Telephone system, Automatic. W. T. Powell. 1,575,602–3; Mar. 2.
Telephone system, Manual. J. H. Levis, jr. 1,575,496; Mar. 2.
Telephone system, Manual. W. T. Powell. 1,575,604; Mar. 2.
Telescopic safety-zone standard. F. C. Lamp. 1,574,908; Mar. 2.
Terminal post. E. L. Aiken. 1,574,744; Mar. 2.
Testing machine. A. Amsler. 1,575,519; Mar. 2.
Testing system for testing senders of automatic exchanges. F. N. Reeves. 1,575,128; Mar. 2.
Textile fabric. N. M. Baragwanath. Des. 69,555; Mar. 2.
Textile fabric. R. Barton. Des. 69,557–8; Mar. 2.
Textile fabric. R. Clarke. Des. 69,562–8; Mar. 2.
Textile fabric. C. B. Falls. Des. 69,578–80; Mar. 2.
Textile fabric. G. M. Fauser. Des. 69,581; Mar. 2.
Textile fabric. C. Knight. Des. 69,596–600; Mar. 2.
Textile fabric. K. S. Knight. Des. 69,587–95; Mar. 2.
Textile fabric. R. Schey. Des. 69,609–10; Mar. 2.
Textile-treating machine. O. S. Wright. 1,575,085; Mar. 2.
Threshing machines, Self-feeder for. M. Leach. 1,574,825; Mar. 2.

Threads of artificial silk of highest degree of fineness from viscose, Manufacturing thin. L. Hesse and H. Rathert. 1,575,052; Mar. 2.
Thermometer mounting. H. B. Brown. Des. 69,560; Mar. 2.
Thermometer, Skin. L. E. Greiner, jr. 1,575,262; Mar. 2.
Throttling device. D. G. Lorraine. 1,575,119; Mar. 2.
Ticket holder. E. Bernier. 1,574,752; Mar. 2.
Tidal discharge of sewage, Automatic outfall for the. H. E. Bright. 1,575,094; Mar. 2.
Tie: *See*—
Railway tie.
Tire casings and manufacturing same, Expansible core for use in vulcanizing. M. L. Engler. 1,575,421; Mar. 2.
Tire-chain tightener and lock. W. O. Colburn. 1,575,545–6; Mar. 2.
Tire flap. J. Hauvette-Michelin. 1,575,479; Mar. 2.
Tire mold. T. H. Williams. 1,575,025; Mar. 2.
Tires, Retreading and vulcanizing apparatus for. A. Matthews, V. S. Malley, and H. W. Rawley. 1,575,434; Mar. 2.
Tobacco-housing machine. G. L. Davis. 1,575,193; Mar. 2.
Toilet, Portable. E. M. Schumacher. 1,575,131; Mar. 2.
Toilet stool. F. B. Dixon. 1,575,477; Mar. 2.
Tongs, Ear-tag. F. X. Lenk. 1,575,069; Mar. 2.
Tongs for rotaries, Pipe. B. Boykin, jr. 1,574,865; Mar. 2.
Tongs, Pipe. E. C. Wilson. 1,575,141; Mar. 2.
Tool. J. E. Colbert. 1,575,102; Mar. 2.
Tool. E. S. Cory. 1,575,254; Mar. 2.
Tool holder. A. Bousquet. 1,575,314; Mar. 2.
Tool-maker's gauge. N. W. Ordway. 1,574,846; Mar. 2.
Toothpick. J. P. Carmichael. 1,575,317; Mar. 2.
Torpedo applicator. G. P. Gonyer. 1,574,811; Mar. 2.
Toy. S. Berger. Des. 69,559; Mar. 2.
Toy. J. O. Smith. 1,574,852; Mar. 2.
Toy gun. A. J. Charest. 1,575,189; Mar. 2.
Toy, Musical. E. A. Hendixon. 1,575,032; Mar. 2.
Toy rabbit. G. C. Heisler. Des. 69,583; Mar. 2.
Toy, Riding. H. K. Mencham. 1,574,990; Mar. 2.
Toy tracks, Clip for. H. S. Becker. 1,575,089; Mar. 2.
Toy, Wheeled. F. A. Pfeifer. 1,574,999; Mar. 2.
Track-lifting machines, Attachment for. E. E. Peterson. 1,575,276; Mar. 2.
Tractor and power plant, Combined. W. Billins. 1,574,864; Mar. 2.
Traffic signal. A. M. Gray. 1,575,571; Mar. 2.
Traffic signal for automobiles. J. L. Mount. Des. 69,606; Mar. 2.
Train control. W. K. Howe. 1,575,579; Mar. 2.
Transfer device, Automatic. T. Stenhouse. 1,575,185; Mar. 2.
Transformer tank. W. M. Dann and A. T. Chadwick. 1,574,960; Mar. 2.
Transmission-clutch control. E. C. Freeman. 1,575,565; Mar. 2.
Transmission mechanism, Variable-speed. J. S. Barnes. 1,575,027; Mar. 2.
Transmission, Regulation of. D. K. Gannett. 1,574,808; Mar. 2.
Trap: *See*—
Animal trap. Gopher trap.
Fowl and animal trap. Hog trap.
Tray, Combination cream and sugar. W. C. McCartney. 69,605; Mar. 2.
Treating metal, Method of and apparatus for. W. C. Kronquest. 1,574,823; Mar. 2.
Trench-wall supporter. S. B. Gardner. 1,575,566; Mar. 2.
Tripod or other support, Adjustable. T. A. Jansson. 1,574,894; Mar. 2.
Trolley-wheel construction. L. J. Tetlow. 1,574,853; Mar. 2.
Trowel, Flexible. E. S. Cowan. 1,575,318; Mar. 2.
Truck, Car. G. K. Thompson. 1,575,136; Mar. 2.
Truck, Railway-car. J. A. Pilcher. 1,575,277; Mar. 2.
Truck structures, Articulated electric-locomotive. A. H. Pendleton and C. Jablow. 1,574,998; Mar. 2.
Tube lining, Reenforced. J. Schwab, jr. 1,575,509; Mar. 2.
Tube squeezer. J. Randall. 1,573,886; Mar. 2.
Tubes, Device for supporting flexible. W. A. Seltmann. 1,575,231; Mar. 2.
Turbine, Hydraulic impulse. P. W. Seewer. 1,575,512; Mar. 2.
Turret-tool holder. H. B. Day. 1,574,741; Mar. 2.
Typewriting and computing machine, Combined. E. E. Strong. 1,575,135; Mar. 2.
Typewriting machine. A. B. Ely. 1,575,559; Mar. 2.
Typewriting machine. G. G. Going. 1,574,881; Mar. 2.
Typewriting machine. J. B. Holden. 1,575,164; Mar. 2.
Typewriting machine. A. G. Kupets. 1,574,905; Mar. 2.
Typewriting machine. A. G. F. Kurowski. 1,574,824; Mar 2.
Typewriting machine. A. G. F. Kurowski. 1,574,906; Mar. 2.
Typewriting machine. J. Lindburg. 1,574,980; Mar. 8.
Typewriting machine. O. Petermann. 1,575,409; Mar. 2.
Typewriting machine. H. L. Pitman. 1,575,385; Mar. 2.
Unloading machine, Portable. W. E. S. McCormick. 1,574,831; Mar. 2.
Upholstery for vehicle bodies, Attachable. P. E. Breneman. 1,574,808; Mar. 2.
Vacuum meter, Direct-indicating high-. J. Jonas and O. Seitz. 1,575,059; Mar. 2.
Vacuum washer. L. M. Dabney. 1,574,871; Mar. 2.
Valve. L. D. Mills, and S. J. Nordstrom. 1,575,356; Mar. 2.
Valve. S. L. Mozian. 1,575,449; Mar. 2.
Valve. S. J. Nordstrom. 1,574,925; Mar. 2.
Valve. S. J. Nordstrom. 1,575,125; Mar. 2.
Valve. J. C. Reynolds. 1,575,280; Mar. 2.
Valve. B. W. Thurtell. 1,574,767; Mar. 2.
Valve, Atmospheric. G. W. MacKenzie, and W. C. MacMillen. 1,575,351; Mar. 2.
Valve engine, Sleeve-. J. M. Cage. 1,575,542; Mar. 2.
Valve for boilers, Feed. C. A. Spindler. 1,575,287; Mar. 2.
Valve for compressors, Water. S. B. Redfield. 1,574,758; Mar. 2.
Valve for liquids. B. W. Thurtell. 1,574,766; Mar. 2.
Valve latch. N. A. Petry. 1,575,500; Mar. 2.
Valve mechanism. A. D. Skinner. 1,574,761; Mar. 2.
Valve-mechanism control. J. W. Dearing. 1,574,959; Mar. 2.
Valve, Rotary. J. R. E. Suthern. 1,575,289; Mar. 2.
Valve, Vent. G. Anderson. 1,575,247; Mar. 2.
Vanity case. H. B. Clegg. 1,575,543; Mar. 2.
Vapors, Apparatus for condensing. E. W. Isom and J. E. Bell. 1,575,269; Mar. 2.
Vase. F. A. Silaj. Des. 69,619; Mar. 2.
Vegetable materials, Apparatus for the dehydration of. C. C. Moore. 1,574,994; Mar. 2.
Vehicle body. H. H. Doehler and M. Stern. 1,574,874; Mar. 2.
Vehicle, Child's. M. C. Lystad. 1,574,829; Mar. 2.
Vehicle, Motor. A. Moorhouse. 1,575,176; Mar. 2.
Vehicle signal. R. L. Ames. 1,575,404; Mar. 2.
Vehicle signal. F. W. Vodoz. 1,575,237; Mar. 2.
Vehicles, Brake for. L. Coatalen. 1,575,191; Mar. 2.
Vehicle spring. M. Van Meter. 1,575,293; Mar. 2.
Vehicles, Cushioned connection between the spring and axle of motor. F. L. Lipcot. 1,575,118; Mar. 2.
Vehicles, Extricating means for. C. L. Hooey. 1,575,588; Mar. 2.
Vehicles, Spring device for. W. H. Weinrich. 1,575,471; Mar. 2.
Vehicles, Traffic signal for motor. B. E. Davis. 1,575,320; Mar. 2.
Velocipede. J. A. Nowak and W. C. Johnson. 1,574,843; Mar. 2.
Vending-machine casing. L. C. Manning. Des. 69,604; Mar. 2.
Vending machine, Towel and soap. D. R. MacGregor. 1,574,834; Mar. 2.
Ventilating apparatus. C. A. Moore. 1,575,447; Mar. 2.
Ventilator: *See*—
Window ventilator.
Ventilator. J. W. Bishop. 1,575,144; Mar. 2.
Ventilator for busses and other vehicles. M. M. Garland. 1,574,880; Mar. 2.
Vessels, Air-tight cap for. I. Tamura. 1,575,464; Mar. 2.
Vibrating machines, Mounting for. E. E. McWain. 1,574,985; Mar. 2.
Voltages, Regulating. D. K. Gannett. 1,574,807; Mar. 2.
Wall for vessels subjected to exterior overpressure. F. Pichler. 1,575,226; Mar. 2.
Washboilers, Clothes-draining attachment for. A. Sether. 1,575,513; Mar. 2.
Washer: *See*—
Vacuum washer.
Washing machines, Temperature-control device for laundry. W. M. Chace. 1,575,188; Mar. 2.
Waste-saturating apparatus. A. D. Wyckoff. 1,575,026; Mar. 2.
Watch-chain fastener. Y. Shiba. 1,575,182; Mar. 2.
Watchcase. L. A. Eppenstein. Des. 69,576; Mar. 2.
Watchcase. S. C. Eppenstein. Des. 69,577; Mar. 2.
Water excluder. R. Klattenburg and J. M. Nielsen. 1,575,586; Mar. 2.
Water of aquaria, Process and device for regenerating. E. W. Beth. 1,574,783; Mar. 2.
Waterer, Stock. R. G. Peterson. 1,574,755–6; Mar. 2.
Waterproof covering. O. A. Heppes and W. H. Cady. 1,574,886; Mar. 2.
Waterproof receptacle. P. Benjamin, B. E. Steinhardt, and H. Liftin. 1,575,524; Mar. 2.
Waterproof sheeted substance and product produced thereby, Producing a. W. T. Hofmann. 1,574,890; Mar. 2.
Well tool. G. B. Louderback. 1,575,120; Mar. 2.
Wheel: *See*—
Disk wheel.
Wheel. W. W. Davison. 1,575,822; Mar. 2.
Wheels, Antislipping attachment for vehicle. G. W. Clark. 1,574,791; Mar. 2.
Wheels, Manufacturing of. G. Kowarski. 1,574,902; Mar. 2.
Wheels, Raising and lowering device for demountable. L. E. Fagan. 1,575,422; Mar. 2.
Window screen, Adjustable. A. C. Hertz. 1,575,481; Mar. 2.
Window jack. J. J. Eddington. 1,574,801; Mar. 2.

Window lock. M. K. Maynard. 1,575,425; Mar. 2.
Window regulator. A. B. Clas. 1,575,038; Mar. 2.
Window ventilator T. R. Weyant. 1,575,398; Mar. 2.
Windows, cells, or the like, Grating for prison. A. P. Kelley and J. V. Schlereth, jr. 1,575,243; Mar. 2.
Windows, Frost-prevention device for. H. H. Pohl and R. D. Neill. 1,575,508; Mar. 2.
Windshield-wing mounting. W. La Hodny. 1,574,907; Windshield wiper, Power-actuated. A. K. Hinchman. 1,575,163; Mar. 2.
Wireless-interference prevention. J. Slepian. 1,575,013; Mar. 2.
Wire stretcher. C. W. Cossman. 1,575,100; Mar. 2.
Wood-boring machine. S. Wagner. 1,574,951; Mar. 2.
Wood, metal, and concrete, Treating. D. C. Atkins. 1,575,521; Mar. 2.
Wood saw tables, Automatic measure for. C. H. Fredenburg. 1,575,200; Mar. 2.
Wrench: See—
Pipe wrench. Pipe and nut wrench.
Wrench. F. A. White. 1,575,474; Mar. 2.
Wringer mounting and control device. E. R. Hodgman. 1,574,817; Mar. 2.
X-ray protective canopy and table, Combined. E. M. Hendricks. 1,574,884; Mar. 2.
Yarn-dyeing device. G. T. Thomayer. 1,575,234; Mar. 2.
Yarn, Method of and apparatus for treating. J. and J. Brandwood. 1,574,785; Mar. 2.
Yarns and threads, Machine for spinning or doubling. F. Ferrand. 1,574,877; Mar. 2.
Yeast preparation, Producing a. R. Willstätter. 1,574,776; Mar. 2.

CLASSIFICATION OF PATENTS

ISSUED MARCH 2, 1926.

NOTE.—First number—class, second number—subclass, third number—patent number.

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2— 5: 1,575,251
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37: 1,574,898
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54: 1,575,118
268— 6: 1,575,086
271— 53: 1,574,784
272— 31: 1,574,990
78: 1,575,329

273— 77: 1,574,915
1,575,028
1,575,504
90: 1,575,470
102: 1,575,504
147: 1,575,554
276— 44: 1,576,558
277— 20: 1,574,705
1,574,707
280— 15: 1,574,918
110: 1,576,524
282— 27: 1,575,366
28: 1,575,390
283— 9: 1,575,305
62: 1,575,081
285— 12: 1,575,432
24: 1,575,600
166: 1,574,955
286— 6: 1,574,968
287— 53: 1,575,410
290— 31: 1,575,084
291— 28: 1,575,096
292— 5: 1,574,867
14.5: 1,574,760
45: 1,575,435
60: 1,575,114
104: 1,575,403
173: 1,574,980
192: 1,575,071
292: 1,574,777
294: 1,575,420
315: 1,575,418
293— 37: 1,575,227
55: 1,575,015
1,575,074
294— 8: 1,575,275
27: 1,575,576
69: 1,574,809
296— 28: 1,574,874
84: 1,574,907
94: 1,575,581
97: 1,574,899
139: 1,575,288
1,575,455
140: 1,575,382
299— 78: 1,575,337
301— 9: 1,574,953
63: 1,574,805
1,575,322
64: 1,574,992
124: 1,575,044
302— 89: 1,574,921
304— 34: 1,574,891
305— 10: 1,575,475
306— 18: 1,575,028
35: 1,574,815
308— 161: 1,575,535
208: 1,574,799

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ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Abadie, Julia A., New Orleans, La. Medicine. 210,272; Mar. 9; Serial No. 222,206; published Dec. 8, 1925.

Abshire, John O., doing business as Abshire Oil Company, Goshen, Ind. Motor oils and gasoline. 210,265; Mar. 9; Serial No. 221,469; published Dec. 8, 1925.

Adam, J. N., & Co., Buffalo, N. Y. Women's hats. 210,061; Mar. 9; Serial No. 206,885; published July 28, 1925.

Adirondack Knit Goods Co., Inc., The, Ballston Spa, N. Y. Knit gloves, socks, sweaters, half hose, and bath suits. 210,244; Mar. 9; Serial No. 222,653; published Dec. 22, 1925.

Advance Bag and Paper Company, Inc., Boston, Mass. Paper bags. 210,280–1; Mar. 9; Serial Nos. 222,550–1; published Dec. 15, 1925.

Allen Quimby Clothespin Company, Stockholm, Me. Clothespins. 210,200; Mar. 9; Serial No. 220,488; published Dec. 1, 1925.

American Agricultural Chemical Company, The. (See Michigan Carbon Works, assignor.)

American Avator Company, Inc., New York, N. Y. Germicide for external use. 210,094; Mar. 9; Serial No. 222,421; published Dec. 8, 1925.

American Brass Company, The. (See Ansonia Brass and Copper Company, The, assignor.)

American Hide and Leather Company. (See White Bros. & Co., assignor.)

American Packing Company, St. Louis, Mo. Hams, bacon, lard, sausage, and feeding tankage. 210,187; Mar. 9; Serial No. 217,061; published Dec. 15, 1925.

American Stores Company, Philadelphia, Pa. Lemon, orange, vanilla, and almond flavoring extracts and tomato catchup. 210,041; Mar. 9; Serial No. 220,835; published Dec. 15, 1925.

American Stores Company, Philadelphia, Pa. Mustard, raspberry jelly, strawberry jelly, pectin jelly. 210,042; Mar. 9; Serial No. 220,834; published Dec. 15, 1925.

American Stores Company, Philadelphia, Pa. Coffee, paprika, celery salt, grape jelly, peanut butter, corn flakes, canned cherries, etc. 210,043; Mar. 9; Serial No. 220,825; published Dec. 15, 1925.

American Stores Company, Philadelphia, Pa. Ginger ale, sarsaparilla, root beer, and grape juice. 210,044; Mar. 9; Serial No. 220,820; published Dec. 15, 1925.

American Stores Company, Philadelphia, Pa. Brooms. 210,045; Mar. 9; Serial No. 220,818; published Dec. 15, 1925.

American Stores Company, Philadelphia, Pa. Canned stringless beans. Kieffer pears, and corn. 210,229; Mar. 9; Serial No. 220,836; published Dec. 22, 1925.

American Wringer Company, The, New York, N. Y., assignor to American Wringer Company, Inc., Woonsocket, R. I. Carpet sweepers. 53,413; renewed June 5, 1926.

American Wringer Company, The, New York, N. Y., assignor to American Wringer Company, Inc., Woonsocket, R. I. Clothes wringers and the parts composing the same. 53,450; renewed June 5, 1926.

American Wringer Company, The, New York, N. Y., assignor to American Wringer Company, Inc., Woonsocket, R. I. Clothes wringers. 53,452; renewed June 5, 1926.

Anne Laboratories, The. (See Ross, Dr. Frank A.)

Ansonia Brass and Copper Company, The, Ansonia, Conn., and New York, N. Y., assignor to The American Brass Company, Waterbury, Conn. Rods, sheets, wire, plates, etc. 28,067; renewed Mar. 31, 1926.

Arden, Elizabeth. (See Lewis, Florence N.)

Arkansas Grocer Co., Blytheville, Ark. Canned fruits, vegetables, soups, etc. 210,326; Mar. 9.

Asbestos Limited, Inc., New York, N. Y. Tile and asbestos cement sheets. 210,314; Mar. 9.

Astral Radio Corporation, Philadelphia, Pa. Radio receiving sets and parts thereof. 210,028; Mar. 9; Serial No. 220,169; published Dec. 1, 1925.

Auto Equipment and Service Co., Philadelphia, Pa. Automobile battery chargers, ignition parts, starters, etc. 210,074; Mar. 9; Serial No. 215,546; published Dec. 8, 1925.

Bakelite Corporation, New York, N. Y. Pipes, pipe stems and bowls, cigar holders, cigarette cases, etc 210,067; Mar. 9; Serial No. 212,533; published Dec. 22, 1925.

Bakelite Corporation, New York, N. Y. Pistol grips and butt plates. 210,093; Mar. 9; Serial No. 222,424; published Dec. 22, 1925.

Bakelite Corporation, New York, N. Y. Adhesive cement. 210,284; Mar. 9; Serial No. 221,589; published Dec. 22, 1925.

Bakelite Corporation, New York, N. Y. Adhesive cement. 210,285; Mar. 9; Serial No. 221,594; published Dec. 22, 1925.

Bakelite Corporation, New York, N. Y. Pocketbook and hand-bag frames and trimmings and harness trimmings. 210,268; Mar. 9; Serial No. 221,586; published Dec. 15, 1925.

Baker, C. W., & Sons, Aberdeen, Md. Canned or preserved fruits and vegetables. 48,978; renewed Jan. 16, 1926.

Ball Chemical Co., The, Allegheny; Ball Chemical Co., Pittsburgh, Pa. Spirit varnish. 53,302; renewed May 29, 1926.

Ballard, James F., Inc. (See Platt, Mary E.)

Ballard, James F.; James F. Ballard, Inc., St. Louis, Mo., successor. Topical remedies. 51,337; renewed Apr. 10, 1926.

Ballard, James F.; James F. Ballard, Inc., St. Louis, Mo., successor. Liniment. 51,603; renewed Apr. 17, 1926.

Ballard, James F.; James F. Ballard, Inc., St. Louis, Mo., successor. Germicide and antiseptic compound. 51,604; renewed Apr. 17, 1926.

Ballard, James F.; James F. Ballard, Inc., St. Louis, Mo., successor. Medicine employed as a tonic, appetiser, and strengthener. 51,919; renewed Apr. 24, 1926.

Ballard, James F.; James F. Ballard, Inc., St. Louis, Mo., successor. Vermifuge. 53,512; renewed June 5, 1926.

Bannon, William H., doing business as W. H. Bannon & Co., Providence, R. I. Domestic-fabric dyes. 210,101; Mar. 9; Serial No. 220,170; published Dec. 8, 1925.

Barmon Brothers Company, Inc., Buffalo, N. Y. Dresses. 210,080; Mar. 9; Serial No. 222,812; published Dec. 22, 1925.

Bauman, Hyman, Co., Inc., New York, N. Y. Cotton, silk, and woolen piece goods or combinations of the same. 210,007; Mar. 9; Serial No. 222,256; published Dec. 29, 1925.

Baur, Raymond H., doing business as The Fore-Runner Manufacturing Company, Bennings, D. C. Electric lamps used as automobile running lights, signal lights, etc. 210,260; Mar. 9; Serial No. 219,216; published Dec. 8, 1925.

Bay State Milling Company, Winona, Minn., and Boston, Mass.; Bay State Milling Company, Winona, Minn. Wheat flour. 53,160; renewed May 29, 1926.

Beantcox, Inc., New York, N. Y. Art boxes and containers. 210,211; Mar. 9; Serial No. 204,300; published Dec. 22, 1925.

Beckmann, A. F., & Company, Inc., assignor to A. F. Beckmann, New York, N. Y. Olive oil. 210,113; Mar. 9; Serial No. 171,567; published Dec. 29, 1925.

Beckmann, August F. (See Beckmann, A. F., & Company, assignor.)

Bell Record Corporation, Newark, N. J. Phonograph records. 210,193; Mar. 9; Serial No. 221,161; published Dec. 1, 1925.

Belmont Hats, Inc., New York, N. Y. Ladies' hats. 210,332; Mar. 9.

Bent Rung Ladder and Manufacturing Company, Indiana, Pa. Ladders. 210,304; Mar. 9.

Bergen, Elsie, New York, N. Y. Medicinal salve. 210,227; Mar. 9; Serial No. 221,690; published Dec. 15, 1925.

Berkowitz, Morris, doing business as South End Hardware Company, Boston, Mass. Painters' brushes. 210,049; Mar. 9; Serial No. 220,754; published Dec. 15, 1925.

Bethlehem Textiles Co., Bethlehem, Pa. Underwear. 210,147; Mar. 9; Serial No. 219,163; published Dec. 22, 1925.

Bilt-Ryte Battery Company, The, New Haven, Conn. Storage batteries. 210,192; Mar. 9; Serial No. 221,162; published Dec. 8, 1925.

Bing Werke, vorm. Gebrüder Bing A. G., Nuremberg, Germany. Phonographs and talking machines. 210,155; Mar. 9; Serial No. 218,446; published Dec. 1, 1925.

Blake, Geo. F., Manufacturing Company, The, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Pumps and engines. 28,615; renewed July 14, 1926.

Bodine Electric Company, Chicago, Ill. Electric motors and loop aerials. 210,146; Mar. 9; Serial No. 219,164; published Dec. 8, 1925.

Bonwit Teller & Co., New York, N. Y. Hosiery. 210,001–2; Mar. 9; Serial Nos. 222,217–18; published Dec. 15, 1925.

Borden Company, The. (See New York Condensed Milk Co., assignor.)

Boston Knitting Mills, Inc., Somerville, Mass. Children's union suits, vests, pants, and drawers of knitted fabric. 210,316; Mar. 9.

Bourjois, A., & Co. Inc., New York, N. Y. Face powder. 210,253; Mar. 9; Serial No. 222,816; published Dec. 15, 1925.

Bourjois, A., & Co. Inc., New York, N. Y. Face powder. 210,254; Mar. 9; Serial No. 222,818; published Dec. 15, 1925.

Bradford Dyers' Association, Limited, The, Bradford, England. Cotton piece goods. 210,121; Mar. 9; Serial No. 191,300; published Feb. 24, 1925.

Brandreth Company, The, Sing Sing, assignor to The Salva-Cea Company, Inc., Ossining and New York, N. Y. Certain proprietary preparation. 27,621; renewed Jan. 7, 1926.

Brannen, F. J., Company, The, Cleveland, Ohio. Liquid-supply-indicating devices. 210,011; Mar. 9; Serial No. 219,374; published Oct. 27, 1925.

Brecht Candy Company, The, Denver, Colo. Candy. 210,238; Mar. 9; Serial No. 222,006; published Dec. 22, 1925.

Bremer-Tully Manufacturing Company, Chicago, Ill. Variable air condensers, air transformers, resistances, sockets, etc. 210,164; Mar. 9; Serial No. 216,381; published Dec. 8, 1925.

Breslin Shirt Co. Inc., New York, N. Y. Men's shirts and mufflers. 210,124; Mar. 9; Serial No. 198,561; published Jan. 27, 1925.

Bridgeport Stone Co. (See Clark, Frank E.)

British Belting & Asbestos Ltd., London, England. Impregnated asbestos material. 210,152; Mar. 9; Serial No. 218,780; published Dec. 15, 1925.

British Drug Houses, Limited, The, London, England. Apparatus for making chemical comparisons or tests. 210,257; Mar. 9; Serial No. 222,437; published Dec. 15, 1925.

British Drug Houses, Limited, The, London, England. Anesthetic. 210,279; Mar. 9; Serial No. 222,438; published Dec. 8, 1925.

Brown, Edith, New York, N. Y. Radio receiving sets. 210,123; Mar. 9; Serial No. 197,821; published Dec. 1, 1925.

Brown, Thomson & Company, Hartford, Conn. Hosiery. 210,087; Mar. 9; Serial No. 222,596; published Dec. 15, 1925.

Browne, Arthur G., doing business as Napoleon Salad Dressing Co., Los Angeles, Calif. Salad dressing. 210,039; Mar. 9; Serial No. 220,884; published Dec. 15, 1925.

Brummer, Max B., & Son Inc., New York, N. Y. Overcoats, wraps, suits, and trousers. 210,017; Mar. 9; Serial No. 219,674; published Dec. 22, 1925.

Bruno, C., & Son, Inc., New York, N. Y. Violins, ukeleles, banjos, guitars, etc., and parts thereof. 210,157; Mar. 9; Serial No. 218,243; published Dec. 8, 1925.

Bruno, Charles; C. Bruno & Son, Inc., New York, N. Y., successor. Accordions. 52,878; renewed May 22, 1926.

Brunswick-Balke-Collender Company, The, Wilmington, Del., and Chicago, Ill. Phonographs. 210,178; Mar. 9; Serial No. 209,459; published Apr. 21, 1925.

Brunswick Tire Corporation, New York, N. Y. Rubber vehicle tires and inner tubes. 210,091; Mar. 9; Serial No. 222,496; published Dec. 22, 1925.

Bryant Electric Company, The, Bridgeport, Conn. Electric insulating composition. 210,009; Mar. 9; Serial No. 219,269; published Dec. 1, 1925.

Buffalo Pharmaceutical Products Co. (See Santiago, Pedro.)

Bulova Watch Company, Inc., New York, N. Y. Watchcases. 210,205; Mar. 9; Serial No. 220,393; published Dec. 1, 1925.

Buttons Limited. (See Carlyle, Thomas and J. M.)

California Prune & Apricot Growers Association, San Jose, Calif. Dried fruit. 210,226; Mar. 9; Serial No. 220,273; published Dec. 22, 1925.

California Seamless Shoe Company, Long Beach, Calif. Shoes. 210,333; Mar. 9.

Calman, Emil, & Co., assignor to Emil Calman & Co. Inc., New York, N. Y. Insulating compound. 52,901; renewed May 22, 1926.

Campbell, Joseph, Company, assignor to Campbell Soup Company, Camden, N. J. Tabasco catchup and tomato catchup. 50,239; renewed Mar. 6, 1926.

Campbell, Joseph, Company, assignor to Campbell Soup Company, Camden, N. J. Chili sauce, tabasco sauce, and salad dressing. 50,240; renewed Mar. 6, 1926.

Carlyle, Thomas and J. M.; Buttons Limited, Birmingham, England, successor. Metallic articles including garment and house furnishings and fastenings and jewelry. 27,572; renewed Dec. 31, 1925.

Carter, H. W., & Sons, Lebanon, N. H. Pants, knickers, office coats, etc., and men's, boys', and women's sport jackets. 210,307; Mar. 9.

Carter's Ink Company, The, Cambridge, Mass. Writing ink. 210,204; Mar. 9; Serial No. 220,395; published Dec. 1, 1925.

Catlin & Co., assignor to Catlin & Co., Inc., New York, N. Y. Cotton piece goods. 50,169; renewed Mar. 6, 1926.

Calmo Company, The, Toledo, Ohio. Sanitary deodorant preparation. 210,248; Mar. 9; Serial No. 222,914; published Dec. 1, 1925.

Central Construction & Supply Company, Philadelphia, Pa. Refrigerating equipment. 210,177; Mar. 9; Serial No. 208,958; published Dec. 15, 1925.

Chase Bag Co., New York, N. Y. Twine, cordage, and thread for closing bags. 210,310–11; Mar. 9.

Chase Candy Company, St. Joseph, Mo. Candy. 210,213; Mar. 9; Serial No. 204,894; published Apr. 14, 1925.

Cheerco, Pamphil T., Seattle, Wash. Fresh potatoes. 210,014; Mar. 9; Serial No. 219,577; published Dec. 29, 1925.

Citrus Products Company, Chicago, Ill. Beverages and compounds for making the same. 210,242; Mar. 9; Serial No. 222,497; published Dec. 22, 1925.

Clark, Frank E., doing business as Bridgeport Stone Co., Bridgeport, Conn. Septic tanks. 210,239; Mar. 9; Serial No. 222,109; published Dec. 22, 1925.

Clark Mile-End Spool Cotton Co., The, East Newark, assignor to The Clark Thread Company, Newark, N. J. Cotton thread. 49,298; renewed Jan. 30, 1926.

Clark Mile-End Spool Cotton Co., The, East Newark, assignor to The Clark Thread Company, Newark, N. J. Cotton thread. 52,335; renewed May 8, 1926.

Clark Mile-End Spool Cotton Co., The, East Newark, assignor to The Clark Thread Company, Newark, N. J. Darning cotton, crochet cotton, and cotton thread. 54,324; renewed June 26, 1926.

Clark Mile-End Spool Cotton Co., The, East Newark, assignor to The Clark Thread Company, Newark, N. J. Cotton thread. 54,443; renewed June 26, 1926.

Cohen, Jac S., Co., Inc., New Orleans, La. Boll-weevil exterminators. 210,282; Mar. 9; Serial No. 222,729; published Dec. 15, 1925.

Colgate & Co., New York, N. Y., assignor to Colgate & Company, Jersey City, N. J. Soaps for toilet, laundry, and household use. 54,002; renewed June 19, 1926.

Colonial Fireplace Company, Chicago, Ill. Complete electric fireplaces. 210,148; Mar. 9; Serial No. 219,109; published Dec. 8, 1925.

Colorado Potato Flake and Manufacturing Company, Denver, Colo. Shoe-string or French fried potatoes. 210,217; Mar. 9; Serial No. 212,676; published Dec. 22, 1925.

Columbia Bottling Works. (See Lefas, Stephen D.)

Columbia Orange-Crush Bottling Works. (See Lefas, Stephen D.)

Columbia Ribbon Co., The, Paterson, N. J. Hatbands. 210,047; Mar. 9; Serial No. 220,761; published Nov. 24, 1925.

Consumers Profit Company, New York, N. Y. Canned tomatoes. 210,105; Mar. 9; Serial No. 219,528; published Dec. 15, 1925.

Cooper Hewitt Electric Company, Hoboken, N. J. Mercury-vapor arc lamps. 210,125; Mar. 9; Serial No. 199,150; published Dec. 8, 1925.

Cott-A-Lap Company, The, Somerville, N. J. Floor coverings having a felt base. 210,197; Mar. 9; Serial No. 220,641; published Dec. 29, 1925.

Craddock-Terry Company, Lynchburg, Va. Leather boots and shoes. 51,396; renewed Apr. 17, 1926.

Crawford, McGregor & Canby Company, The, Dayton, Ohio. Golf clubs. 210,114; Mar. 9; Serial No. 171,626; published Dec. 29, 1925.

Cummins Engine Company, Columbus, Ind. Internal-combustion engines. 210,288; Mar. 9.

Dalco Radio Company. (See Knoblauch, Mida F.)

Daniels, Carrie A., doing business as Daniels Chemical Proof Ink Company, Dallas, Tex. Writing inks. 210,142; Mar. 9; Serial No. 212,122; published Dec. 8, 1925.

Darrow, B. H., Oak Park, Ill. Combination articles which may be used as a table or tub. 209,997; Mar. 9; Serial No. 221,949; published Dec. 22, 1925.

Davies-Strauss-Stauffer Company, Easton, Pa. Cocoa, canned corn, peas, and tomatoes, evaporated milk, etc. 210,032; Mar. 9; Serial No. 221,353; published Dec. 15, 1925.

Davis, E. C.; EvaperO Incorporated, Rockland, Me., successor. Cleaning compound. 51,783; renewed Apr. 24, 1926.

Deepwater Oil Refineries, Inc., Houston, Tex. Lubricating oils. 210,270; Mar. 9; Serial No. 221,951; published Dec. 15, 1925.

Delaware, Lackawanna & Western Coal Company, The, Hoboken, N. J., and New York, N. Y. Anthracite coal. 210,222; Mar. 9; Serial No. 217,335; published Nov. 10, 1925.

Dellarowe, Anthony K., doing business as Dellarowe Drug Company, Hollywood, Calif. Tooth paste. 210,098; Mar. 9; Serial No. 220,219; Dec. 15, 1925.

De Long Hook and Eye Company, The, Philadelphia, Pa. Safety pins. 210,329; Mar. 9.

De Luxe Cake Decorator Company, Minneapolis, Minn. Coloring tablets for food-decorating pastes. 210,241; Mar. 9; Serial No. 222,224; published Dec. 15, 1925.

Diamond Candle Co. Inc., Brooklyn, N. Y. Night-light candles. 210,224; Mar. 9; Serial No. 219,579; published Dec. 15, 1925.

Dickey, W. J., & Sons, Baltimore, assignor to W. J. Dickey & Sons, Incorporated, Oella, Md. Kerseys and cassimeres. 28,333; renewed June 2, 1926.

Du Pont, E. I., de Nemours and Company. (See Harrison Bros. & Co., assignor.)

Eastern Electric & Mfg. Co., Providence, R. I. Radio coils and inductances. 210,191; Mar. 9; Serial No. 221,172; published Dec. 8, 1925.

Eaton, Crane & Pike Company. (See Hurlbut Stationery Company, assignor.)

Eclipse Products Co. (See Talbot, William P.)

Eisemann Magneto Corporation, New York, N. Y. Magnetos, coils, radio receiving and transmitting apparatus, etc. 210,253; Mar. 9; Serial No. 218,402; published Dec. 8, 1925.

Elder Mfg. Co., St. Louis, Mo. Men's and boys' dress and negligee shirts and boys' blouses. 210,294; Mar. 9.

Ellison, Wm. T., doing business as Southern Laboratories, Ybor City, Tampa, Fla. Ethical ointment for catarrhal inflammation, ulcers, etc. 210,049; Mar. 9; Serial No. 220,709; published Dec. 8, 1925.

Ely & Walker Dry Goods Company, St. Louis, Mo. Hosiery and similar knit goods. 27,662; renewed Jan. 21, 1926.

Emel Packing Company, Seattle, Wash. Canned salmon. 210,132; Mar. 9; Serial No. 223,378; published Dec. 29, 1925.

Escondido Fruit Growers Association, Escondido, Calif. Oranges, lemons, grapefruit. 210,292; Mar. 9.

Esmond Mills, The, Esmond, Smithfield, R. I. Textile blankets. 210,128–9; Mar. 9; Serial Nos. 223,222–3; published Dec. 29, 1925.

Etherical Radio Company, Bristow, Okla. Radio receiving sets. 210,151; Mar. 9; Serial No. 218,802; published Dec. 8, 1925.

Eulith Gesellschaft m. b. H. Chemisch-Pharmaceutische Fabrik, Berlin, Germany. Perfumery and cosmetics. 210,180; Mar. 9; Serial No. 211,911; published Dec. 8, 1925.

EvaperO Incorporated. (See Davis, E. C.)

Fairbanks, E. and T., and Company, St. Johnsbury, Vt. Weighing machines and parts thereof. 51,226; renewed Apr. 10, 1926.

Fansteel Products Company, Inc., North Chicago, Ill. Battery-charger units, rectifier cells, transformers, and resistance units and parts thereof. 210,021; Mar. 9; Serial No. 219,953; published Dec. 1, 1925.

Faxon & Gallagher Drug Co., Kansas City, Mo. Rock candy, pure olive oil, cloves, mace, etc. 210,171; Mar. 9; Serial No. 194,698; published Dec. 15, 1925.

Faxon & Gallagher Drug Co., Kansas City, Mo. Tincture iodine, tincture chloride iron, arnica, sweet spirits of niter, etc. 210,188; Mar. 9; Serial No. 217,267; published Dec. 8, 1925.

Fetterolf, H. G., Company, Wayne Junction, Philadelphia, Pa. Textile rugs and carpets. 210,000; Mar. 9; Serial No. 222,111; published Dec. 22, 1925.

Fischer, Carl, Inc., New York, N. Y. Clarinets, saxophones, oboes, etc., and reeds for the said instruments. 210,075; Mar. 9; Serial No. 216,094; published Dec. 1, 1925.

Fisk Rubber Company, The, Chicopee Falls, Mass. Rubber inner tubes for tires. 210,082; Mar. 9; Serial No. 206,485; published May 5, 1925.

Fitzgerald Manufacturing Company, Torrington, Conn. Sheet-metal and asbestos gaskets. 210,283; Mar. 9.

Flamite Corporation, The, West Chester, Pa. Fire-extinguishing preparation. 210,246; Mar. 9; Serial No. 222,834; published Dec. 15, 1925.

Fore-Runner Manufacturing Company, The. (See Baur, Raymond H.)

Foss, H. D., & Co., Inc., Cambridge, Mass. Candy. 210,232; Mar. 9; Serial No. 221,484; published Dec. 22, 1925.

Fox, C. J., Company, The, Providence, R. I. Foldable mailing boxes. 210,233; Mar. 9; Serial No. 221,549; published Dec. 22, 1925.

Franklin Furniture Co., The, Columbiana, Ohio. Chairs, davenports, and sofas. 210,022; Mar. 9; Serial No. 219,956; published Dec. 15, 1925.

Franklin Simon & Co. Inc., New York, N. Y. Clothing. 210,160; Mar. 9; Serial No. 217,507; published Dec. 15, 1925.

Frost Fishing Tackle Company, Stevens Point, Wis. Fishing tackle. 210,230; Mar. 9; Serial No. 220,845; published Dec. 22, 1925.

Galen Laboratories, Inc., Buffalo, N. Y. Vegetable jelly for treating inflammations and ulcers. 210,104; Mar. 9; Serial No. 219,622; published Dec. 15, 1925.

General Petroleum Corporation, San Francisco, Calif. Lubricating oils. 210,261; Mar. 9; Serial No. 222,025; published Dec. 15, 1925.

Gilbert, B. S.; B. S. Gilbert Pharmaceutical Co., York, Pa., successor. Unctions for eradication of cutaneous diseases. 27,962; renewed Mar. 17, 1926.

Glaiger, Hans, New York, N. Y. Watches, watchcases, watch dials, and watchworks. 210,020; Mar. 9; Serial No. 219,890; published Dec. 1, 1925.

Golden Dome Bottling Co., Inc., Roxbury, Boston, Mass. Ginger ale, root beer, sarsaparilla, vanilla, and various fruit flavors. 210,135; Mar. 9; Serial No. 223,436; published Dec. 29, 1925.

Golding Fabrics Corporation, New York, N. Y. Silk fabrics. 210,120; Mar. 9; Serial No. 189,974; published Feb. 10, 1925.

Goldstein Bros., Brooklyn, N. Y. Men's and boys' hats. 210,306; Mar. 9.

Graf, John, Co., Milwaukee, Wis. Beverages and syrups for making the same. 210,133; Mar. 9; Serial No. 223,385; published Dec. 29, 1925.

Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Knitted underwear. 210,082; Mar. 9; Serial No. 222,743; published Dec. 22, 1925.

Greenfield, M. E., Company, New York, N. Y. Jackets or coats, trousers, and vests. 210,301; Mar. 9.

Grey, James P., & Co., Bristol, Va. Hosiery. 210,303; Mar. 9.

Grimes, David, Inc., Jersey City, N. J. Radio receiving sets and parts thereof. 210,015; Mar. 9; Serial No. 219,624; published Dec. 8, 1925.

Gross, Lewis A., doing business as Lag Chemical Co., Philadelphia, Pa. Tonic for the scalp. 210,107; Mar. 9; Serial No. 219,339; published Dec. 15, 1925.

Grumbacher, Isaac M., Cherryvale, Kans. Liniment. 210,179; Mar. 9; Serial No. 210,382; published Dec. 8, 1925.

Gryphon Rubber & Tire Corporation, New York, N. Y. Automobile rubber tires and tubes therefor. 210,209; Mar. 9; Serial No. 220,802; published Dec. 22, 1925.

Halperin, M. I., Brooklyn, N. Y. Fiber-silk jersey cloth in the piece. 210,055; Mar. 9; Serial No. 208,121; published Jan. 20, 1925.

Hanson Brothers Scale Company, Chicago, Ill. Weighing scales. 210,069; Mar. 9; Serial No. 213,287; published June 23, 1925.

Harrison Bros. & Co., Philadelphia, Pa., assignor to E. I. du Pont de Nemours and Company, Wilmington, Del. Paints, stains, fillers, japans, varnishes, and similar articles. 27,853; renewed Feb. 25, 1926.

Hart & Hegeman Manufacturing Company, Hartford, Conn. Electric pull sockets. 210,068; Mar. 9; Serial No. 212,923; published Dec. 1, 1925.

Hart, Schaffner & Marx, Chicago, Ill. Men's suits and trousers. 210,199; Mar. 9; Serial No. 220,530; published Dec. 15, 1925.

Healey, Ernest, Foxton, Wellington, New Zealand. Medicinal preparation. 210,189; Mar. 9; Serial No. 217,459; published Dec. 15, 1925.

Helbein-Stone Company, Inc., New York, N. Y. Watches, watchcases, watch movements, and parts of the same. 210,195; Mar. 9; Serial No. 221,062; published Dec. 8, 1925.

Heller-Aller Co., The, Napoleon, Ohio. Windmills. 54,040; renewed June 19, 1926.

Herrmann, A. S., Inc., New York, N. Y. Sheets, pillow-cases, bedspreads, bolster cases and shams, napkins, etc. 210,065; Mar. 9; Serial No. 211,529; published Dec. 22, 1925.

Herzog & Kramer, New York, N. Y. Bath robes and bath robings. 210,081; Mar. 9; Serial No. 222,747; published Dec. 22, 1925.

Hess, Lippman E., Philadelphia, Pa., assignor to The Stein-Bloch Co., Rochester, N. Y. Rainproof coats. 52,828; renewed May 22, 1926.

Hewitt, Charles, & Sons Company, Des Moines, Iowa. Canned fruits. 210,240; Mar. 9; Serial No. 222,120; published Dec. 22, 1925.

Hi-Flier Manufacturing Company, The, Decatur, Ill. Kites. 210,210; Mar. 9; Serial No. 203,175; published Dec. 22, 1925.

Hill, Joseph P.; Hill Clothes Dryer Co., Worcester, Mass., successors. Ash sifters. 52,849; renewed May 22, 1926.

Hillman, Harry P., doing business as Island Belle Grape Juice Co., Grapeview, Wash. Grape juice. 210,003; Mar. 9; Serial No. 222,242; published Dec. 29, 1925.

Hitch, Frederick C., New York, N. Y. Cigarettes. 210,225; Mar. 9; Serial No. 220,024; published Dec. 22, 1925.

Hobifeld Manufacturing Company, Philadelphia, Pa. Cotton, silk, and jute hammocks. 210,218; Mar. 9; Serial No. 215,302; published Dec. 22, 1925.

Holden-Leonard Co., New York, N. Y. Worsted and woolen textile fabrics. 210,130–1; Mar. 9; Serial Nos. 223,234–5; published Dec. 29, 1925.

Hollywood Candy Co. (See James, John M.)

Hooper Sons' Manufacturing Co., Philadelphia, Pa. Cotton rope, sash cord, polished twines, braided cord. 210,309; Mar. 9.

Hormel, Geo. A., & Co., Austin, Minn. Sliced bacon, ham, cooked vinegar-pickled hearts, pork sausage meat, etc. 210,056–7; Mar. 9; Serial Nos. 203,816–7; published Dec. 29, 1925.

Horwood, E. H., & Co., Hoboken, N. J., and New York, N. Y. Children's underwear, bloomers, drawers, and union suits. 210,289; Mar. 9.

Howarth, Elijah, Sheffield, England. Preparation for exterminating cockroaches and black beetles. 210,097; Mar. 9; Serial No. 220,288; published Dec. 15, 1925.

Howell, John B., Marion, N. Y. Buckwheat, wheat, and corn flour, horse feed, dairy feed, etc. 210,185; Mar. 9; Serial No. 215,789; published Dec. 15, 1925.

Hubbard, C. D., Fruit Co., Carpinteria, Calif. Oranges, lemons, and grapefruit. 210,004; Mar. 9; Serial No. 222,248; published Dec. 29, 1925.

Hubbard, C. D., Fruit Co., Carpinteria, Calif. Oranges, lemons, and grapefruit. 210,005; Mar. 9; Serial No. 222,252; published Dec. 29, 1925.

Hubbard, C. D., Fruit Co., Carpinteria, Calif. Oranges, lemons, and grapefruit. 210,324; Mar. 9.

Hudson Valley Pure Food Company, Inc., Highland, N. Y. Nonalcoholic, maltless beverages and syrups and extracts for making same. 210,006; Mar. 9; Serial No. 222,253; published Dec. 29, 1925.

Hume, G. W., Company, San Francisco, Calif. Canned fruits and vegetables. 210,305; Mar. 9.

Hurlbut Stationery Company, assignor to Eaton, Crane & Pike Company, Pittsfield, Mass. Paper and envelopes. 27,586; renewed Jan. 7, 1926.

Hyland, Richard C., doing business as Hyland Bag Company, San Francisco, Calif. Twine. 210,302; Mar. 9.

Imperial Electric Mfg. Co., Inc., doing business as Paradyne Company, Newark, N. J. Radio receiving sets and radio parts. 210,058; Mar. 9; Serial No. 204,914; published Dec. 8, 1925.

Incandescent Supply Company, New York, N. Y. Bowls, shades, domes, prisms, etc., made of glass. 210,126; Mar. 9; Serial No. 199,826; published June 16, 1925.

Industria Marmellate e Conserve Alimentari, Voghèra, Italy. Preserved fruits. 210,059–60; Mar. 9; Serial Nos. 205,121–2; published Dec. 29, 1925.
Infanzon & Rodrigues, New York, N. Y. Cigars, cigarettes, and smoking tobacco. 210,267; Mar. 9; Serial No. 221,552; published Dec. 15, 1925.
Ingraham, E., Company, The, Bristol, Conn. Clocks. 210,025; Mar. 9; Serial No. 220,072; published Dec. 1, 1925.
Ingraham, E., Company, The, Bristol, Conn. Watches. 210,026; Mar. 9; Serial No. 220,078; published Dec. 1, 1925.
Ippolitti, Frank, Philadelphia, Pa. Men's and boys' overcoats and suits and ladies' coats and suits. 210,298; Mar. 9.
Inland Belle Grape Juice Co. (See Hillman, Harry P.)
James, John M., doing business as Hollywood Candy Co., Elizabeth, N. J. Candy. 210,313; Mar. 9.
Jansen & Pretzfeld, Inc., New York, N. Y. Silks in the piece. 210,118; Mar. 9; Serial No. 187,218; published Feb. 3, 1925.
Johnson Educator Food Company, Cambridge, Mass. Cookies, crackers, cakes, and biscuits. 210,136; Mar. 9; Serial No. 141,578; published May 31, 1921.
Johnson, W. S., & Son, Henderson, Ky.; A. R. Johnson, Buffalo, N. Y., successor. Laxatives. 52,487; renewed May 8, 1926.
Jones-Dabney Varnish Company, Louisville, Ky. Nitrocellulose lacquer. 210,038; Mar. 9; Serial No. 220,900; published Dec. 15, 1925.
Justi, H. D., & Son, Philadelphia, Pa. Vulcanite teeth. 210,258; Mar. 9; Serial No. 222,461; published Dec. 15, 1925.
Justi, H. D., & Son, Philadelphia, Pa. Crown and vulcanite teeth. 210,259; Mar. 9; Serial No. 222,462; published Dec. 15, 1925.
Kaspar Getreideschaelmaschine, G. m. b. H., Offenbach-on-the-Main, Germany. Grain peeling and scouring machines. 210,150; Mar. 9; Serial No. 218,854; published Dec. 22, 1925.
Kayser, Julius, & Co., New York, N. Y. Underwear. 210,089; Mar. 9; Serial No. 222,569; published Dec. 15, 1925.
Kellett, Patrick, Harrison, N. J. Preparation for the treatment of asthma. 210,034; Mar. 9; Serial No. 221,068; published Dec. 15, 1925.
Kenyon, James, & Son, Limited, Bury, England. Cotton polishing cloths not treated. 210,181; Mar. 9; Serial No. 213,440; published Dec. 15, 1925.
Keuffel & Esser Company, Hoboken, N. J. Tracing paper. 210,300; Mar. 9.
Kirsch, H., & Co., Brooklyn, N. Y. Beverages sold as soft drinks and sirups for making the same. 210,293; Mar. 9.
Kloud Upholstering Co., The, Chicago, Ill. Chair and davenport cushions. 210,019; Mar. 9; Serial No. 219,826; published Dec. 22, 1925.
Knitted Padding Company, Canton, Mass. Knitted cotton padding, table pads, and bed pads. 210,076; Mar. 9; Serial No. 223,096; published Dec. 29, 1925.
Knitted Padding Company, Canton, Mass. Knitted cotton padding, table and bed pads. 210,127; Mar. 9; Serial No. 223,097; published Dec. 29, 1925.
Knoblauch, Milda F., doing business as Dalco Radio Company, New York, N. Y. Metal tags for indentifying parts of radio apparatus. 210,141; Mar. 9; Serial No. 205,605; published Dec. 15, 1925.
Kobe, Inc., Los Angeles, Calif. Well strainers. 210,255; Mar. 9; Serial No. 220,611; published Dec. 15, 1925.
Kohn, Milton M., New York, N. Y. Dental paraphernalia and materials. 210,284; Mar. 9.
Korach Brothers, Chicago, Ill. Dresses and aprons. 210,162; Mar. 9; Serial No. 217,467; published Dec. 22, 1925.
Kranz Mercantile Company, Inc., New York, N. Y. Golf suits, sport suits, and blouses. 210,289; Mar. 9.
Kurfees, J. F., Paint Company, Incorporated, Louisville, Ky. Prepared liquid paint for concrete surfaces. 210,319; Mar. 9.
Lag Chemical Co. (See Gross, Lewis A.)
Lagerloef Trading Company, Inc., New York, N. Y. Matches. 210,153; Mar. 9; Serial No. 218,706; published Dec. 29, 1925.
L'Aiglon Perfumery Co., Inc., Newark, N. J. Perfume, hair tonic, rouges, face powders, etc. 210,219; Mar. 9; Serial No. 216,919; published Dec. 15, 1925.
Lamont, Corliss & Company, New York, N. Y. Chocolate. 209,994; Mar. 9; Serial No. 221,840; published Dec. 22, 1925.
Lancaster Canning Company, Lancaster, Wis. Canned peas and corn. 210,322; Mar. 9.
Lanfranchi, Anne W., doing business as Rollee, New York, N. Y. Perfumes. 210,099–100; Mar. 9; Serial Nos. 220,193–4; published Dec. 15, 1925.
Lax & Burgheimer Corporation. (See Mayer, M. & C., assignors.)
Leber Supply Co., Inc., doing business as Lescoller, Jersey City, N. J. Electric-lighting chandeliers and parts thereof, electric fans, etc. 210,144; Mar. 9; Serial No. 213,382; published Dec. 8, 1925.
Lefas, Stephen D., doing business as Columbia Bottling Works and Columbia Orange-Crush Bottling Works, Washington, D. C. Beverages sold as soft drinks and sirups for making same. 210,299; Mar. 9.
Leidich, Sylvester W., doing business as Llewellyn, Philadelphia, Pa. Antiseptic and alkaline antiseptic solutions. 210,078; Mar. 9; Serial No. 222,927; published Dec. 15, 1925.
Lescoller. (See Leber Supply Co.)
Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Deodorants. 210,274; Mar. 9; Serial No. 222,329; published Dec. 8, 1925.
Linton, P. & A., Co., Providence, R. I. Earrings. 210,023; Mar. 9; Serial No. 219,970; published Dec. 1, 1925.
Little, George N., Sumner, Mo. Patches for repairing inner tubes of tires and other repair uses. 210,208; Mar. 9; Serial No. 220,311; published Dec. 15, 1925.
Llewellyn. (See Leidich, Sylvester W.)
London Shoe Co. Inc., New York, N. Y. Shoes. 210,071; Mar. 9; Serial No. 214,967; published Aug. 18, 1925.
Loomis-Woodward Company, The, Fort Dodge, Iowa. Candy. 210,079; Mar. 9; Serial No. 222,854; published Dec. 29, 1925.
Ludwig & Ludwig, Chicago, Ill. Skin heads of drums and the like. 210,012; Mar. 9; Serial No. 219,401; published Dec. 8, 1925.
Machine Specialty Company, Ann Arbor, Mich. Radio receiving sets and component parts thereof. 210,024; Mar. 9; Serial No. 219,973; published Dec. 8, 1925.
Mack Company. (See Mackenzie, Franklin H.)
Mack, Harold, Importing Company (and Mack), The. (See McWhorter, Henry W.)
Mackenzie, Franklin H., doing business as Mack Company, Philadelphia, Pa. Radio receiving sets. 210,066; Mar. 9; Serial No. 211,793; published Dec. 8, 1925.
Maltop, Inc., Buffalo, N. Y. Beverage with a malt-chocolate flavor. 210,110; Mar. 9; Serial No. 218,709; published Dec. 15, 1925.
Margolin, H., & Co., Inc., New York, N. Y. Reticules and hand bags. 210,161; Mar. 9; Serial No. 217,473; published Dec. 29, 1925.
Margolin Shoe Company, Chicago, Ill. Shoes. 210,145; Mar. 9; Serial No. 219,597; published Dec. 15, 1925.
Marinello Company, Chicago, Ill. Face powder, rouge, sachets, perfume, etc. 210,174; Mar. 9; Serial No. 204,404; published Dec. 8, 1925.
Marshall Field & Co., Chicago, Ill. Yarns. 209,998; Mar. 9; Serial No. 221,955; published Dec. 29, 1925.
Massachusetts Cotton Mills, Lowell; Massachusetts Cotton Mills, Lowell and Boston, Mass. Cotton piece goods. 49,773; renewed Feb. 13, 1926.
Massachusetts Cotton Mills, Lowell; Massachusetts Cotton Mills, Lowell and Boston, Mass. Cotton piece goods. 49,829; renewed Feb. 20, 1926.
Massachusetts Cotton Mills, Lowell; Massachusetts Cotton Mills, Lowell and Boston, Mass. Cotton piece goods. 50,750–1; renewed Mar. 27, 1926.
Master Builders Company, The, Cleveland, Ohio. Compositions for coloring, waterproofing, and coating concrete, stucco, etc. 210,096; Mar. 9; Serial No. 220,410; published Dec. 15, 1925.
Matchless Metal Polish Co., The, Chicago, Ill., and Glen Ridge, N. J. Oil polish. 210,033; Mar. 9; Serial No. 221,131; published Dec. 15, 1925.
Mauran, John T., Mfg. Co., Providence, R. I. Watch movements. 210,203; Mar. 9; Serial No. 220,411; published Dec. 1, 1925.
Max Damm Company, Inc., Newark, N. J. Traveling bags. 209,999; Mar. 9; Serial No. 222,079; published Dec. 29, 1925.
Mayer, M. & C., assignors to Lax & Burgheimer Corporation, New York, N. Y. Knit hosiery and underwear. 49,908–9; renewed Feb. 20, 1926.
McCallum Hosiery Co., Northampton, Mass. Hosiery. 210,064; Mar. 9; Serial No. 209,788; published Dec. 15, 1925.
McLachlan, H., & Company, Danbury, Conn. Felt hats in the rough. 210,158; Mar. 9; Serial No. 218,074; published Oct. 20, 1925.
McWhorter, Henry W., doing business as The Harold Mack Importing Company (and Mack), Joliet, Ill. Face creams, face packs, perfumes, sachets, etc. 210,275; Mar. 9; Serial No. 222,888; published Dec. 8, 1925.
Mechanical Mixers Corporation, New York, N. Y. Electrically-operated drink mixers. 210,137; Mar. 9; Serial No. 165,636; published Dec. 8, 1925.
Mentopine Corporation, The, Philadelphia, Pa. Throat lozenges. 210,271; Mar. 9; Serial No. 221,978; published Dec. 8, 1925.
Meyer, William, doing business as Meyer Cement Block Co., Gladbrook, Iowa. Cement corncrib blocks. 210,312; Mar. 9.
Michigan Carbon Works, Detroit, Mich., assignor to The American Agricultural Chemical Company, New York, N. Y. Gelatin. 27,953; renewed Mar. 17, 1926.
Michigan Drug Co., The, Detroit, Mich. Beverages sold as soft drinks and sirups and extracts for making the same. 209,996; Mar. 9; Serial No. 221,906; published Dec. 22, 1925.
Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton goods, silk goods, linen goods, and mixtures of the same, all in the piece. 210,095; Mar. 9; Serial No. 222,331; published Dec. 29, 1925.
Mississippi Wire Glass Company, New York, N. Y. Wire glass. 210,085; Mar. 9; Serial No. 222,696; published Dec. 29, 1925.

Mitchel Oil Company of New Jersey, Kearny, N. J. Combustible oils. 210,216; Mar. 9; Serial No. 210,917; published Dec. 15, 1925.
Mitox Co., The, Mentone, Ind. Insecticide. 210,276; Mar. 9; Serial No. 222,391; published Dec. 8, 1925.
Moline Consumers Co., Moline, Ill. Coal. 210,318; Mar. 9.
Moon, George Q., & Company, Inc., Binghamton, N. Y. Scratch feed and dairy ration. 210,109; Mar. 9; Serial No. 218,863; published Dec. 15, 1925.
Moore, R. C., Hollywood, Calif. Tire patches. 210,119; Mar. 9; Serial No. 169,166; published Dec. 15, 1925.
Moorman Mfg. Co., Quincy, Ill. Mineral feed for cattle, particularly dairy cattle. 210,037; Mar. 9; Serial No. 220,908; published Dec. 15, 1925.
Mount Hood Mnfg. Co., Portland, Oreg. Beverages sold as soft drinks and sirups used in making the same. 210,088; Mar. 9; Serial No. 222,570; published Dec. 29, 1925.
Muller & Raas Company, San Francisco, Calif. Ladies' hats. 210,331; Mar. 9.
Murdock, Wm. J., Co., Chelsea, Mass. Radio receiving sets. 210,206; Mar. 9; Serial No. 220,358; published Dec. 1, 1925.
Muskin Shoe Company, Baltimore, Md. Boots and shoes. 210,140; Mar. 9; Serial No. 205,215; published Dec. 15, 1925.
Mutual Creamery Company, doing business as The Mutual Stores, Oakland, Calif. Butter, bread, ice cream, eggs, and canned fruit. 209,995; Mar. 9; Serial No. 221,846; published Dec. 15, 1925.
Mutual Phono Parts Mfg. Corp., New York, N. Y. Radio loud-speaking units. 210,010; Mar. 9; Serial No. 219,638; published Dec. 1, 1925.
Napier Co., The, New York, N. Y. Bracelets. 210,072; Mar. 9; Serial No. 215,166; published Dec. 1, 1925.
Napoleon Salad Dressing Co. (See Browne, Arthur G.)
National Distilling Co., assignor to Red Star Yeast and Products Co., Milwaukee, Wis. Gin. 48,013; renewed Dec. 5, 1925.
National Distilling Co., assignor to Red Star Yeast and Products Co., Milwaukee, Wis. Whisky. 48,348; renewed Dec. 26, 1925.
National Distilling Co., assignor to Red Star Yeast and Products Co., Milwaukee, Wis. Gin. 49,018; renewed Jan. 23, 1926.
Nelson, Roy, doing business as Roy Nelson Canning Company, Crane, Mo. Canned vegetables. 210,166–7; Mar. 9; Serial Nos. 220,669–70; published Dec. 15, 1925.
Newell & Bro.; Newell & Bro., San Francisco, Calif., successor. Soap. 28,018; renewed Mar. 24, 1926.
Newman, I., & Sons, Inc., New York, N. Y. Corsets, corselettes, brassières, and bandeaux. 210,156; Mar. 9; Serial No. 218,426; published Oct. 27, 1925.
New York Condensed Milk Co., assignor to The Borden Company, New York, N. Y. Milk, cream, and cheese. 27,775; renewed Feb. 11, 1926.
Nile Undergarment Co., New York, N. Y. Undergarments and brassières. 210,030; Mar. 9; Serial No. 221,330; published Dec. 15, 1925.
Nite-Eye Light Corporation, The, Denver, Colo. Reflectors for electric headlights. 210,163; Mar. 9; Serial No. 217,287; published Dec. 1, 1925.
Norwood Pharmaceutical Company, Chicago, Ill. Preparation for the treatment of rheumatism and of kindred diseases. 210,051; Mar. 9; Serial No. 220,671; published Dec. 8, 1925.
Noxall Manufacturing Company, Inc., New York, N. Y. Dresses for children and misses. 209,993; Mar. 9; Serial No. 221,711; published Dec. 15, 1925.
Oliver Typewriter Company, The, Chicago; The Oliver Typewriter Company, Woodstock, Ill. Typewriting machines and parts thereof. 48,960; renewed Jan. 16, 1926.
Oliver Typewriter Company, The, Chicago, assignor to The Oliver Typewriter Company, Woodstock, Ill. Typewriting machines. 51,111; renewed Apr. 3, 1926.
Olmsted, Allen S., Le Roy, N. Y. Powders for the feet. 28,605; renewed July 14, 1926.
Osborne Fruit & Vegetable Co., Fullerton, Calif. Oranges, lemons, cantaloupes, lettuce, etc. 210,315; Mar. 9.
Oswego Falls Corporation, Fulton, N. Y. Bottle caps. 210,325; Mar. 9.
Owl Specialty Co., The, Paterson, N. J. Hatbands. 210,046; Mar. 9; Serial No. 220,796; published Nov. 24, 1925.
Pacific & Atlantic Photos, Inc., New York, N. Y. Machines and apparatus for distance transmission of photographs electrically. 210,251; Mar. 9; Serial No. 207,628; published Dec. 8, 1925.
Pacific Coast Borax Company, San Francisco, Calif., assignor to Pacific Coast Borax Company, New York, N. Y.; Chicago, Ill.; and Oakland, Calif. Borax, soap, cleansing compounds, toilet and bath powders. 28,491; renewed June 30, 1926.
Pacific Sea Foods Co., Hoquiam, Wash. Canned salmon. 210,212; Mar. 9; Serial No. 204,783; published May 12, 1925.
Packard Electric Company, The, Warren, Ohio. Electric extension cords, lamps, and guards. 210,143; Mar. 9; Serial No. 212,823; published Dec. 8, 1925.
Pacolet Mfg. Co., Pacolet and Spartanburg, S. C., and New Holland, Ga. Cotton piece goods. 210,182; Mar. 9; Serial No. 214,335; published Dec. 15, 1925.
Paine, Edward W., doing business as The Regenerator Company, Westerly, R. I. Treatment for sexual disfunction. 210,247; Mar. 9; Serial No. 222,867; published Dec. 15, 1925.
Palmer Clothing Manufacturing Company, Chattanooga, Tenn. Men's suits. 210,092; Mar. 9; Serial No. 222,477; published Dec. 15, 1925.
Panther Oil & Grease Mfg. Co., Fort Worth, Tex. Lubricating oils and greases. 210,227; Mar. 9; Serial No. 220,354; published Dec. 15, 1925.
Panther Oil & Grease Mfg. Co., Fort Worth, Tex. Lubricating oils. 210,228; Mar. 9; Serial No. 220,355; published Dec. 15, 1925.
Parke, L. H., Company, Philadelphia, Pa. Coffee. 210,196; Mar. 9; Serial No. 221,025; published Dec. 29, 1925.
Paxton and Gallagher Co., Omaha, Nebr. Radio receiving sets. 210,008; Mar. 9; Serial No. 220,250; published Dec. 1, 1925.
Payne Company, The, New York, N. Y. Radio loud speakers. 210,027; Mar. 9; Serial No. 220,136; published Dec. 1, 1925.
Pearls of the Pacific Company. (See Raymond, Charles M.)
Pegram, W. F., and Company, La Verne, Calif. Medicine for catarrh, coughs, colds, asthma, etc. 210,040; Mar. 9; Serial No. 220,563; published Dec. 8, 1925.
Pepperell Braiding Company, East Pepperell, Mass. Repair outfit for mending stockings, etc. 210,029; Mar. 9; Serial No. 221,202; published Dec. 29, 1925.
Pfanstiehl Radio Service Company, Highland Park, Ill. Radiofrequency transformers. 210,328; Mar. 9.
Pfister & Vogel Leather Company, Milwaukee, Wis. Leather for shoes, gloves, and harness. 51,427; renewed Apr. 17, 1926.
Pharmaceutical Research Corporation, St. Louis, Mo. Cold remedy for babies. 210,245; Mar. 9; Serial No. 222,794; published Dec. 15, 1925.
Phenix Cheese Corporation, New York, N. Y. Cheese. 210,036; Mar. 9; Serial No. 220,917; published Dec. 15, 1925.
Philadelphia Carpet Company, Philadelphia, Pa. Wilton velvet carpets. 210,287; Mar. 9.
Platt, Mary E., New York, N. Y.; James F. Ballard, Inc., St. Louis, Mo., successor. Liquid disinfectants. 50,246; renewed Mar. 6, 1926.
Polyphonwerke Aktiengesellschaft, Berlin, Germany. Radio apparatus. 210,165; Mar. 9; Serial No. 216,286; published Dec. 1, 1925.
Pond, E. K. Company, Chicago, Ill. Canned chicken broth. 210,236; Mar. 9; Serial No. 221,637; published Dec. 22, 1925.
Premier Pattern Co., Cincinnati, Ohio. Paper and sheet-metal shoe patterns. 210,323; Mar. 9.
Publicity and Research Bureau, Washington, D. C. Canned fresh oysters. 210,108; Mar. 9; Serial No. 219,044; published Dec. 15, 1925.
Puradyne Company. (See Imperial Electric Mfg. Co.)
Plye-National Company, The, Chicago, Ill. Flood lights and complete electric projecting lamps. 210,138; Mar. 9; Serial No. 193,068; published Dec. 8, 1925.
Radiotel Manufacturing Co., Inc., Bay Shore, N. Y. Radio receiving sets and parts thereof. 210,018; Mar. 9; Serial No. 219,762; published Dec. 8, 1925.
Raffetto, G. B., Inc., New York, N. Y. Nonalcoholic, maltless sirups used in the preparation of soft drinks. 210,220; Mar. 9; Serial No. 216,991; published Dec. 22, 1925.
Rastetter, Louis, & Sons, Fort Wayne, Ind. Folding chairs. 210,070; Mar. 9; Serial No. 214,033; published Dec. 15, 1925.
Raymond, Charles M., doing business as Pearls of the Pacific Company, San Francisco, Calif. Preserved fruits, jams and jellies, nuts, etc. 210,223; Mar. 9; Serial No. 219,349; published Nov. 17, 1925.
Red Star Yeast and Products Co. (See National Distilling Co., assignor.)
Regenerator Company, The. (See Paine, Edward W.)
Reid, Murdoch & Co., Chicago, Ill. Canned goods, fruit preserves, cheese, etc. 210,116; Mar. 9; Serial No. 180,948; published Sept. 16, 1924.
Reliance Malt Products Co., Chicago, Ill. Malt extracts for beverage purposes. 210,231; Mar. 9; Serial No. 221,279; published Dec. 22, 1925.
Reliance Togs, Inc., New York, N. Y. Ladies' and misses' knickerbockers of wool and cotton. 210,077; Mar. 9; Serial No. 222,942; published Dec. 22, 1925.
Re-Vi-Vo, Inc., New York, N. Y. Dry-cell batteries. 210,054; Mar. 9; Serial No. 202,711; published Mar. 17, 1925.
Rice, Charles W., doing business as Chas. W. Rice & Co., Uhrichsville, Ohio. Window shades. 210,201; Mar. 9; Serial No. 220,470; published Dec. 15, 1925.
Roach Tisdale & Co., Minneapolis, Minn. Butterscotch candy. 210,085; Mar. 9; Serial No. 220,974; published Dec. 15, 1925.
Rock Island Stove Co., Rock Island, Ill. Heater for coal and wood. 210,215; Mar. 9; Serial No. 205,552; published Dec. 1, 1925.
Rogers Gasoline Company, Uniontown, Pa. Gasoline, kerosene, lubricating oils and greases. 210,278; Mar. 9; Serial No. 222,281; published Dec. 15, 1925.
Rollee. (See Lanfranchi, Anne W.)

Roseboom, Jesse G., Cincinnati, Ohio. Electrical direction signal lights. 210,154; Mar. 9; Serial No. 218,525; published Dec. 8, 1925.
Ross, Dr. Frank A., doing business as The Anne Laboratories, Chicago, Ill. Local anaesthetic. 210,278; Mar. 9; Serial No. 222,484; published Dec. 8, 1925.
Royal Electric Mfg. Co., Chicago, Ill. Superpower fuses, fuse switches, and disconnecting switches. 210,159; Mar. 9; Serial No. 217,636; published Dec. 29, 1925.
Royal Importing Company, New York, N. Y. Thread including the needle for stringing and sewing beads. 210,149; Mar. 9; Serial No. 219,089; published Dec. 1, 1925.
Safe-Cabinet Company, The, Marietta, Ohio. Filing cabinets or safes. 210,317; Mar. 9.
Salva-Cea Company. (See Brandreth Company, assignor.)
Samson Cordage Works, Boston, Mass. Cords, lines, twines, and ropes. 50,828; renewed Apr. 8, 1926.
Samson Cordage Works, Boston, Mass. Cords, lines, twines, and ropes. 51,775; renewed Apr. 24, 1926.
Sankey, David W., Mifflinburg, Pa. Leather preservative in paste and liquid form. 210,320; Mar. 9.
Santiago, Pedro, doing business as Buffalo Pharmaceutical Products Co., Buffalo, N. Y. Tonic. 210,262; Mar. 9; Serial No. 222,765; published Dec. 15, 1925.
Schaeffer Bros. & Samuels, New York, N. Y. Fur garments. 210,285; Mar. 9.
Schoeneman, J., Incorporated, Baltimore, Md. Men's, youths', and boys' outer garments, children's and youths' rompers, etc. 210,033–4; Mar. 9; Serial Nos. 222,709–10; published Dec. 22, 1925.
Schuster Electric Company, Cincinnati, Ohio. Electrical and radio supplies. 210,062; Mar. 9; Serial No. 205,558; published Dec. 1, 1925.
Scoville, Brown & Company, Wellsville, N. Y. Coffee. 210,172; Mar. 9; Serial No. 202,357; published Dec. 15, 1925.
Seamless Rubber Company, Inc., The, New Haven, Conn. Seamless rubber bladders used in footballs, striking bags, etc. 210,173; Mar. 9; Serial No. 202,826; published Dec. 1, 1925.
Selig Company, The, Atlanta, Ga. Steam-distilled pine-oil disinfectant. 210,175; Mar. 9; Serial No. 204,632; published Jan. 13, 1925.
Shelton Tack Company, The, Shelton, Conn. Tacks. 210,330; Mar. 9.
Shoemaker Coal Mining Company, Philadelphia, Pa. Coal. 210,297; Mar. 9.
Siedenburg, Henry, New York, N. Y. Hosiery. 210,063; Mar. 9; Serial No. 205,561; published Mar. 24, 1925.
Simmons and Hammond Manufacturing Company, Portland, Me. Prepared flour for use in making pastries. 210,176; Mar. 9; Serial No. 204,936; published Dec. 15, 1925.
Slattery, E. T., Co., Boston, Mass. Women's and children's suits, coats, dresses, silk scarfs, boas, etc. 210,010; Mar. 9; Serial No. 219,310; published Dec. 15, 1925.
Smith, Perkins & Co., Rochester, N. Y. Tea and coffee. 210,214; Mar. 9; Serial No. 205,370; published June 23, 1925.
Societe La France Toilet Goods Co., Inc., New York, N. Y. Face powders and creams, toilet waters, lip sticks, etc. 210,291; Mar. 9.
Sonora Phonograph Corporation, New York, N. Y. Sound records for phonographs and talking machines. 210,112; Mar. 9; Serial No. 130,108; published May 25, 1920.
South End Hardware Company. (See Berkowitz, Morris.)
Southern Laboratories. (See Ellison, Wm. T.)
Squire Dingee Company, Chicago, Ill. Pickles. 210,183; Mar. 9; Serial No. 215,391; published Dec. 15, 1925.
Staley, A. E., Manufacturing Company, Decatur, Ill. Stock feed. 210,103; Mar. 9; Serial No. 219,856; published Dec. 15, 1925.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Candle holders. 210,250; Mar. 9; Serial No. 204,938; published Dec. 8, 1925.
Standard Products Corporation, New York, N. Y. Typewriter carbon paper. 210,202; Mar. 9; Serial No. 220,427; published Dec. 8, 1925.
Stanley, John T., Co., Inc., New York, N. Y. Penetrating oils for vehicle springs and chassis grease. 210,269; Mar. 9; Serial No. 221,782; published Dec. 15, 1925.
Stein-Bloch Co., The. (See Hess, Lippman E., assignor.)
Stein and Windt, Inc., New York, N. Y. Jewelry, not including watches. 210,207; Mar. 9; Serial No. 220,326; published Dec. 1, 1925.
Steward, D. M., Mfg. Company, Chattanooga, Tenn. Radio receiving sets. 210,254; Mar. 9; Serial No. 219,413; published Dec. 8, 1925.
Stoddard Mill & Grain Company, Advance, Mo. Wheat flour. 210,206; Mar. 9; Serial No. 221,516; published Dec. 15, 1925.
Stokes, John S., Summerdale, Philadelphia, Pa. Radio panels, dials, control handles, etc. 210,053; Mar. 9; Serial No. 201,380; published Dec. 1, 1925.
Stollery Bros., Inc., Chicago, Ill. Flower baskets. 210,243; Mar. 9; Serial No. 222,528; published Dec. 22, 1925.
Strait & Richards, Inc., Newark, N. J. Electrical heaters. 210,115; Mar. 9; Ser. No. 175,832; published Dec. 1, 1925.
Strauss, Levi, and Company, San Francisco, Calif. Men's hosiery and knitted underwear. 210,194; Mar. 9; Serial No. 221,079; published Dec. 22, 1925.
Sun-Flower Pharmacal Co. (See Trichel, Milton C.)
Sunland Laboratories, Inc., Los Angeles, Calif. Sunburn lotion. 210,184; Mar. 9; Serial No. 215,601; published Dec. 8, 1925.
Supreme Paint & Varnish Co., Brooklyn, N. Y. Paints and varnishes. 210,102; Mar. 9; Serial No. 220,096; published Dec. 15, 1925.
Sutter Co-Operative Growers, San Francisco, Calif. Canned fruits and vegetables. 210,050; Mar. 9; Serial No. 220,689; published Dec. 15, 1925.
Talbot, William P., doing business as Eclipse Products Co., New York, N. Y. Necktie supports. 210,111; Mar. 9; Serial No. 216,236; published Nov. 8, 1926.
Tioga Mill & Elevator Co., Waverly, N. Y. Duck feed. 210,168; Mar. 9; Serial No. 220,582; published Dec. 15, 1925.
Trichel, Milton C., doing business as Sun-Flower Pharmacal Co., Shreveport, La. Hair pomade. 210,180; Mar. 9; Serial No. 184,369; published Dec. 15, 1925.
Tri-Ergon A.-G., Zurich, Switzerland. Microphones. 210,252; Mar. 9; Serial No. 217,807; published Dec. 8, 1925.
Tuberco Mfg. Co., Atlanta, Ga. Medicine for tuberculosis. 210,186; Mar. 9; Serial No. 216,368; published Dec. 15, 1925.
Tubize Artificial Silk Company of America, Philadelphia, Pa. Artificial-silk threads and yarns. 210,184; Mar. 9; Serial No. 223,495; published Dec. 29, 1925.
Twin Dry Cell Battery Company, The, Cleveland, Ohio. Electric batteries. 210,198; Mar. 9; Serial No. 220,583; published Dec. 1, 1925.
United Electric Co. of Chicago, Chicago, Ill. Radio receiving sets and parts thereof. 210,327; Mar. 9.
United Shoe Machinery Company, Boston, assignor to United Shoe Machinery Corporation, Boston, Mass., and Paterson, N. J. Wire. 50,597; renewed Mar. 27, 1926.
United Shoe Machinery Company, Boston, assignor to United Shoe Machinery Corporation, Boston, Mass., and Paterson, N. J. Nails. 53,786; renewed June 12, 1926.
United Shoe Machinery Corporation, Paterson, N. J., and Boston, Mass. Rubber heels. 210,088; Mar. 9; Serial No. 222,643; published Dec. 22, 1925.
U. S. Line Company. (See United States Whip Company.)
United States Whip Company, doing business as U. S. Line Company, Westfield, Mass. Fishing lines. 210,221; Mar. 9; Serial No. 217,121; published Dec. 22, 1925.
Upjohn Company, The, Kalamazoo, Mich. Liquid and tablets for digestive disorders. 210,277; Mar. 9; Serial No. 222,418; published Dec. 8, 1925.
Van Camp Packing Company, The, Indianapolis, Ind. Soap and soap powder. 210,296; Mar. 9.
Veco Mfg. Co., The, South Norwalk, Conn. Electric conduit fittings and electric wiring devices. 210,117; Mar. 9; Serial No. 184,924; published Dec. 1, 1925.
Victor Talking Machine Company, Camden, N. J. Radio apparatus, parts, and appurtenances. 210,122; Mar. 9; Serial No. 195,203; published Dec. 2, 1924.
Waters, Harry F., St. Louis, Mo. Neckties. 209,991; Mar. 9; Serial No. 221,397; published Dec. 22, 1925.
Weathersby-Brunner Co., Linden Station, Memphis, Tenn. Coffee, spices, and extracts. 210,106; Mar. 9; Serial No. 219,464; published Dec. 15, 1925.
Weber, Frank C., & Company, Chicago, Ill. Canned goods, marmalades, coffee, tea, etc. 210,139; Mar. 9; Serial No. 200,128; published Apr. 7, 1925.
Webley & Scott Revolver & Arms Co. Ld., The, assignor to Webley & Scott, Ltd., Birmingham, England. Firearms. 48,404–5; renewed Dec. 26, 1925.
Webley & Scott Revolver & Arms Co., Ld., The, assignor to Webley & Scott, Ltd., Birmingham, England. Guns, rifles, pistols, revolvers, and parts thereof. 50,353; renewed Mar. 13, 1926.
Weiner Brothers, Philadelphia, Pa. Bloomers. 210,286; Mar. 9.
Wellston Radio Corp., St. Louis, Mo. Radio receiving sets, vacuum tubes, condensers, etc. 210,308; Mar. 9.
West-Made Desk Company, Portland, Oreg. Office furniture. 209,992; Mar. 9; Serial No. 221,466; published Dec. 22, 1925.
Western Bottle Manufacturing Company, at times doing business as The Western Company, Chicago, Ill. Powder puffs. 210,249; Mar. 9; Serial No. 223,007; published Dec. 22, 1925.
Western Crucible Steel Casting Co., Minneapolis, Minn. Metal castings. 210,256; Mar. 9; Serial No. 222,358; published Dec. 15, 1925.
Western Leather Clothing Co., St. Louis, Mo. Men's, boys', and women's coats, overcoats, raincoats, work vests, etc. 210,295; Mar. 9.
White Bros. & Co., assignor to American Hide and Leather Company, Boston, Mass. Leather. 28,206; renewed May 5, 1926.
White & Wyckoff Manufacturing Company, Holyoke, Mass. Writing paper and mailing envelopes. 210,081; Mar. 9; Serial No. 221,341; published Dec. 1, 1925.
Whiting Paper Company, Holyoke, Mass., and New York, N. Y. Writing and note paper, etc. 28,200; renewed May 19, 1926.
Whiting Paper Company, Holyoke, Mass., and New York, N. Y. Note, writing, and other papers. 28,383; renewed June 16, 1926.

Wilson-Western Sporting Goods Co., Chicago, Ill. Golf clubs. 210,169; Mar. 9; Serial No. 220,437; published Dec. 15, 1925.
Wilson-Western Sporting Goods Co., Chicago, Ill. Tennis rackets. 210,170; Mar. 9; Serial No. 220,436; published Dec. 15, 1925.
Wippert, William, assignor to Wm. Wippert Co., Inc., Buffalo, N. Y. Hats, caps, and fur garments. 27,550; renewed Dec. 31, 1925.
Wohl, L., & Co., New York, N. Y. Children's dresses, boys' suits, and creepers. 210,090; Mar. 9; Serial No. 222,533; published Dec. 15, 1925.
Wood, Walter, Philadelphia, Pa. Castings of metal. 28,324; renewed June 2, 1926.
Woodill, Alfred L., Riverside, Calif. Asparagus. 210,321; Mar. 9.
Worthington Pump and Machinery Corporation. (See Blake, Geo. F., Manufacturing Company, assignor.)
Wright Corporation, The, San Francisco, Calif. Fresh asparagus. 210,073; Mar. 9; Serial No. 215,226; published Dec. 29, 1925.
Young & Griffin Coffee Co. Inc., New York, N. Y. Coffee. 210,013; Mar. 9; Serial No. 219,510; published Dec. 22, 1925.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Axtell, Anna E., Silsbee, Tex. Paramount. For Face Lotion. 30,023; Mar. 9.
Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Mints. For Beech-Nut Mints. 30,024; Mar. 9.
Bloomer Bros. Company, Newark, N. Y. Design 301. For Ice Cream. 30,025; Mar. 9.
Bloomer Bros. Company, Newark, N. Y. Design #501. For Ice Cream. 30,026. Mar. 9.
Bloomer Bros. Company, Newark, N. Y. Design 505. For Ice Cream. 30,027; Mar. 9.
Bloomer Bros. Company, Newark, N. Y. Design 504. For Ice Cream. 30,028; Mar. 9.
Bloomer Bros. Company, Newark, N. Y. Design 503. For Ice Cream. 30,029; Mar. 9.
Bloomer Bros. Company, Newark, N. Y. Design 502. For Ice Cream. 30,030; Mar. 9.
Bloomer Bros. Company, Newark, N. Y. Design 305. For Ice Cream. 30,031; Mar. 9.
Bloomer Bros. Company, Newark, N. Y. Design 304. For Ice Cream. 30,032; Mar. 9.
Bloomer Bros. Company, Newark, N. Y. Design #303. For Ice Cream. 30,033; Mar. 9.
Bloomer Bros. Company, Newark, N. Y. Design 302. For Ice Cream. 30,034; Mar. 9.
Braufman, Jacob, New York, N. Y. Meat Food Product. For Meat Products. 30,035; Mar. 9.
Buckeye Soda Products Company, The, Cleveland, Ohio. A Refined Form of Washing Soda. For Washing Soda. 30,036; Mar. 9.
Cash, Laurence E., doing business as New York Drug Concern, New York, N. Y. Hills Honey & Tar. For Medicine for Coughs and Colds. 30,037; Mar. 9.
Comstock, G. W., doing business as Keystone Polish Company, Newark, N. J. Keystone Radio Cabinet Polish. For Polish. 30,038; Mar. 9.
Coryell, Ernest R., doing business as Coryell & Co., Richmond, Calif. Radient. For Corn Remover. 30,039; Mar. 9.
Cotton Products Laboratories. (See Scott, Dorothy G.)
Du-Kana, Inc., Syracuse, N. Y. Cham-Kana Shampoo. For a Shampoo Preparation. 30,040; Mar. 9.
Elsbach, Herman, & Sons, San Francisco, Calif. Three Star Tapestry Embroidery Silk. For Embroidery Silk. 30,041; Mar. 9.
Ernest, Erwin M., St. Paul, Minn. Ritz-Y Bar. For Chocolate-Covered Candy Bars. 30,042; Mar. 9.
Ferroxanti World Syndicate, Inc., New York, N. Y. Ferroxanti Boiler and Metal Protector. For Ferroxanti. 30,043; Mar. 9.
Fleischl, Emil, & Son. (See Menasha Printing and Carton Company, assignor.)
Frisch, Emile, Chicago, Ill. Frisch Process. For Bread. 30,044–5; Mar. 9.
Gibson, Amos, San Antonio, Tex. Gibson Cleaning Compound. For Cleaning Compound. 30,046; Mar. 9.
Greathouse, James N., Muscatine, Iowa. Marvel. For Rug and Carpet Cleaner and Color Restorer. 30,047; Mar. 9.
Illinois Shade Cloth Corporation, Chicago Heights, Ill. Dependable Hand-Made Shading. For Window-Shade Cloth. 30,048; Mar. 9.
Kasser Egg Process Co., San Francisco, Calif. Oil Sealed. For Eggs Which Have Been Processed to Keep Them Fresh. 30,049; Mar. 9.
Kasser Egg Process Co., San Francisco, Calif. Sanitary Sealed. For Eggs Which Have Been Processed to Keep Them Fresh. 30,050; Mar. 9.
Keystone Polish Company. (See Comstock, George W.)
Menasha Printing and Carton Company, Menasha, Wis., assignor to Emil Fleischl & Son, New York, N. Y. Un X Ld. For Butter. 30,051; Mar. 9.
Moehle Lithographic Company, Inc., The, Brooklyn, N. Y. La Haya De Luxe. For Cigars. 30,052; Mar. 9.
Moehle Lithographic Company, Inc., The, Brooklyn, N. Y. La Risa. For Cigars. 30,053; Mar. 9.
Moehle Lithographic Company, Inc., The, Brooklyn, N. Y. Marta Garcia. For Cigars. 30,054; Mar. 9.
Moehle Lithographic Company, Inc., The, Brooklyn, N. Y. La Picanta. For Cigars. 30,055; Mar. 9.
Mutual Creamery Company, Los Angeles, Calif. Maid O'Clover. For Ice Cream. 30,056; Mar. 9.
New York Drug Concern. (See Cash, Laurence E.)
Norris, Incorporated, Atlanta, Ga. Assorted Nut Chocolates. For Candy. 30,057; Mar. 9.
Page, Joseph G., doing business as J. G. Page Chemical Co., Buffalo, N. Y. Page's Skyn Tonac. For an Antiseptic. 30,058; Mar. 9.
Pat Company, The. (See Shenker, Morris.)
Pedox Proslux, Inc., New York, N. Y. Pedox. For Shoe and Foot Accessories. 30,059; Mar. 9.
Planters Nut & Chocolate Co., Wilkes-Barre, Pa.; Suffolk, Va.; and San Francisco, Calif. Planters Peanut Jumbo Block. For Candy Bar. 30,060; Mar. 9.
Rivera, Raymond, Chicago, Ill. La Rivera. For Cigars. 30,061; Mar. 9.
Scott, Dorothy G., doing business as Cotton Products Laboratories, Brooklyn, N. Y. Listo. For Listo Sanitary Napkins. 30,062; Mar. 9.
See, Joseph E., doing business as The Tanjora Company, New York, N. Y. Tanjora. For Marmalade. 30,063; Mar. 9.
Shenker, Morris, doing business as The Pat Company, Baltimore, Md. Pat for Indigestion. For a Medicine for Indigestion. 30,064; Mar. 9.
Sutherland Paper Company, Kalamazoo, Mich. Isle Royale Creamery Butter. For Butter. 30,065; Mar. 9.
Tanjora Company, The. (See See, Joseph E.)
Weinhagen, Chas., & Co., St. Paul, Minn. Fairy Wand. For Candy. 30,066; Mar. 9.
Wirfs, Edward J., doing business as Wirfs Organization, St. Louis, Mo. 'Airtite.' For Gaskets. 30,067; Mar. 9.
Woodward & Cochey Mfg. Co., Chicago, Ill. Hugtite Concealed Nail Moulding. For Molding. 30,068; Mar. 9.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Lemon Fruit Drops. For Beech-Nut Lemon Fruit Drops. 8,619; Mar. 9.
Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Orange Fruit Drops. For Beech-Nut Orange Fruit Drops. 8,620; Mar. 9.
Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Lime Fruit Drops. For Beech-Nut Lime Fruit Drops. 8,621; Mar. 9.
Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut 'Mints' Spearmint. For Beech-Nut 'Mints' Spearmint. 8,622; Mar. 9.
Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut 'Mints' Wintergreen. For Beech-Nuts 'Mints' Wintergreen. 8,623; Mar. 9.
Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut 'Mints' Peppermint. For Beech-Nut 'Mints' Peppermint. 8,624; Mar. 9.
Deubener's Shopping Bag, St. Paul, Minn. 'A Friend In-Deed'. For Shopping Bags. 8,625; Mar. 9.
Mankato Hatchery. (See Weber, William A.)
Napier Co., The, Meriden, Conn., and New York, N. Y. Palm Beach Vanity. For Vanity Boxes. 8,626; Mar. 9.
Powhatan Mining Company, The, Cleveland, Ohio. From The Heart of The Hills to You Powhatan. For Coal. 8,627; Mar. 9.
Sealright Co. Inc., Fulton, N. Y. Sealright Liquid-Tight Paper Containers. For Paper Containers. 8,628; Mar. 9.
Sealright Co. Inc., Fulton, N. Y. Our Fine, fresh Salt-water Oysters are packaged for you in Sealright Liquid-Tight Paper Containers. For Paper Containers. 8,629; Mar. 9.
Sealright Co. Inc., Fulton, N. Y. Sealright Liquid-Tight Paper Containers. For Paper Containers. 8,630; Mar. 9.
Street & Finney, Inc., New York, N. Y. Lubrol—The Oil With The Better Body. For Oil. 8,631; Mar. 9.
Ward, Henry J., Chicago, Ill. Ice Cream—A Perfect Food. For Ice Cream. 8,632; Mar. 9.
Weber, William A., doing business as Mankato Hatchery, Mankato, Minn. Happy Home Of Baby Chicks. For Baby Chicks and Poultry. 8,633; Mar. 9.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Alaska Consolidated Canneries, Inc., Seattle, Wash. Canned salmon. 217,318; Mar. 9.

Alaska-Portland Packers Ass'n., Portland, Oreg. Canned fish, and particularly canned salmon. 221,043; Mar. 9.

Alsamo Manufacturing Co., Philadelphia, Pa. Polishing preparation for metals. 226,273; Mar. 9.

American Federation of Labor, Washington, D. C. Printed books, pamphlets, and circulars. 225,537; Mar. 9.

American Lady Corset Co., Detroit, Mich. Corsets, brassières, girdles, etc. 226,054; Mar. 9.

American Licorice Company, Chicago, Ill., and San Francisco, Calif. Candy. 223,831; Mar. 9.

American Wholesale Grocers' Association, The, Washington, D. C. Monthly printed publication. 219,103; Mar. 9.

Angel International Corporation, New York, N. Y. Paper receptacles for dispensing cream, milk, ice cream, and the like. 225,582; Mar. 9.

Aquino, John A., Inc., New York, N. Y. Fresh grapes. 216,576; Mar. 9.

Arabol M'F'G Co., The, New York, N. Y. Liquid and dry adhesives having a cereal base. 214,389; Mar. 9.

Arlington Refrigerator Co., Inc., Arlington, Vt. Filters and refrigerators. 224,444; Mar. 9.

Arlington Refrigerator Co., Inc., Arlington, Vt. Refrigerators and filters. 224,446–7; Mar. 9.

Armand Company, The, Des Moines, Iowa. Soap. 226,122; Mar. 9.

Armstrong, Alexander F., doing business as The Pumelo Company, Ithaca, N. Y. Maltless nonalcoholic beverage composed of fruit juices and carbonated water. 224,643; Mar. 9.

Associated Merchandising Corporation, New York, N. Y. Arctics. 226,276; Mar. 9.

Atlantic Refining Company, The, Philadelphia, Pa. Benzines, gasolines, naphthas, etc. 224,645–6; Mar. 9.

Atlantic Seed Company, Inc., The, Philadelphia, Pa. Field seed and lawn seed mixtures. 225,462–3; Mar. 9.

Audition Corporation, The, Hoboken, N. J. Electromechanical device for producing a sensitizing sound wave for the correction of defective hearing. 225,251; Mar. 9.

B B Milk Company, Red Wing, Minn. Milk, buttermilk, and cream. 223,112; Mar. 9.

Baeck Wall Paper Co., Brooklyn, N. Y. Wall paper. 226,466; Mar. 9.

Bankers Printing Company, San Francisco, Calif. Memorandum books, diaries, calendar pads, and calendar sheets. 225,991; Mar. 9.

Bannister, Edward A., doing business as Pyramid Orchards. Fresh apples and pears. 214,580; Mar. 9.

Barnard, E. S., Co. (See Ventura Citrus Association.)

Beckhardt, Gene G., Brooklyn, N. Y. Charts and booklets. 217,537; Mar. 9.

Beecham, Emma, doing business as Beecham's Laboratory, Oscawana-on-Hudson, N. Y. Face powders, skin lotions, toilet waters, etc. 225,252; Mar. 9.

Betz, Frank S., Company, Hammond, Ind. Therapeutic lamps. 225,160; Mar. 9.

Bilhuber, E., Inc., New York, N. Y. Medical preparation for the treatment of the heart. 225,761; Mar. 9.

Blum, Philip, & Company, Incorporated, Chicago, Ill. Whisky. 226,601; Mar. 9.

Blumenthal, Sidney, & Co., Inc., New York, N. Y. Pile fabrics in the piece. 225,548; Mar. 9.

Bochmann, F. A., & Co., Inc., Philadelphia, Pa. Worsted and woolen dress goods manufactured in the piece. 225,640; Mar. 9.

Bonis, S. B., Newark, N. J. Rubber water bottles, ice caps, ice bags, etc. 223,500; Mar. 9.

Boysen Fruit Company, Modesto, Calif. Fresh apples, cantaloupes, peaches, lettuce. 223,997; Mar. 9.

Breslin Bros. Co., Gloucester, N. J. Textile rugs. 224,742; Mar. 9.

Brillo Manufacturing Company, Brooklyn, N. Y. Soaps, cleaning, scouring, and polishing wads, pads, etc. 204,083; Mar. 9.

Broenniman Company, Inc., New York, N. Y. Durum semolina used for making macaroni and as a base for stock feed. 225,765; Mar. 9.

Brooks Company, The, West Cleveland, Ohio. Record equipment in loose-leaf form. 221,943; Mar. 9.

Brown Instrument Company, The, Philadelphia, Pa. Thermocouple incasing tubes. 223,364; Mar. 9.

Buckeye Paint & Varnish Co., The, Toledo, Ohio. Varnishes. 121,997; Mar. 9.

Buckeye Soda Products Company, The, Cincinnati, Ohio. Washing soda. 217,131; Mar. 9.

Burnett's Inc., Newark, N. J. Bird food. 225,768; Mar. 9.

Burwell Corporation, Sharon, Pa. Shock absorbers. 225,466; Mar. 9.

Butchart, Cuthbert S., Rye, N. Y. Golf clubs. 223,999; Mar. 9.

Button, Herbert, Cazenovia, N. Y. Apples as a natural edible fruit. 225,587; Mar. 9.

Byers, Adah. Bird baths. 225,644; Mar. 9.

Byron Weston Company, Dalton, Mass. Writing paper. 226,227; Mar. 9.

Byron Weston Company, Dalton, Mass. Writing paper. 226,472; Mar. 9.

Byron Weston Company, Dalton, Mass. Writing paper. 226,537; Mar. 9.

Carolina Baking Company, Charlotte, N. C. Cake. 218,792; Mar. 9.

Carolina Baking Company, Charlotte, N. C. Bread. 218,793; Mar. 9.

Chamberlin, Harold S., doing business as Harold S. Chamberlin Company, Long Beach, Calif. Tea, coffee, cocoa, etc. 224,955; Mar. 9.

Champion Mills. (See Gudebrod Bros. Silk Co.)

Chapin, Henry S., Brooklyn, N. Y. Periodical magazines and magazine articles usually published monthly or quarterly. 225,400; Mar. 9.

Chilton Class Journal Company, Philadelphia, Pa. Periodical published monthly. 224,807; Mar. 9.

Chipka, Andrew, doing business as A. Chipka & Son, Lackawanna, N. Y. Metallic dimmer shades for automobile headlights. 224,286; Mar. 9.

Citron & Greenfield, San Francisco, Calif. Projecting machines for still and motion pictures and reading matter. 224,321; Mar. 9.

Clemetsen Company, The, Chicago, Ill. Metal parts for desks and other desk stops. 225,073; Mar. 9.

Colla, Paul, Youngstown, Ohio. Scalp tonic. 225,951; Mar. 9.

Compagnie Industrielle et Commerciale du Cycle et de l'Automobile, Paris, France. Bicycle saddles, foot pedals, vehicle springs, brakes, rear-vision mirrors. 219,940–4; Mar. 9.

Continental Optical Corporation, New York, N. Y. Ophthalmic and other optical lenses and lens blanks, eyeglass frames, etc. 224,957; Mar. 9.

Continental Optical Corporation, New York, N. Y. Ophthalmic and other optical lenses and lens blanks, eyeglass frames, etc. 225,175; Mar. 9.

Corbett, Ronald, doing business as Freshy-Corbett Co., Clarion, Pa. Pharmaceutical preparation. 225,772; Mar. 9.

Corona Citrus Association, Corona, Calif. Oranges, lemons, and grapefruit. 217,761; Mar. 9.

Crane, Clarence A., Cleveland, Ohio. Telephone-book covers. 226,478; Mar. 9.

Crouch, Nelle M., doing business as Nedit Co., Columbia, Mo. Preparation to set dye in fabrics. 225,351; Mar. 9.

Crown Willamette Paper Company, San Francisco, Calif. Raisin-tray paper. 217,134; Mar. 9.

Crown Willamette Paper Company, San Francisco, Calif. Raisin-tray paper. 219,730; Mar. 9.

Crown Willamette Paper Company, San Francisco, Calif. Wrapping paper. 224,180; Mar. 9.

D. & E. Metals Company, Grandview Park and York, Pa. Brass, bronze, and aluminum castings, bearing metals, and alloys. 225,650; Mar. 9.

Dahl Brothers, Incorporated, Syracuse, N. Y. Imitation-vanilla compound and fruit sirup for food-flavoring purposes. 207,344; Mar. 9.

D'Andrea Brothers, Inc., New York, N. Y. Men's business suits, overcoats, trousers, hosiery, etc. 224,655; Mar. 9.

Davenport Canning Co., Davenport, Calif. Hearts of fresh artichokes. 219,111; Mar. 9.

Davis Bros. Cheese Co. Cheese. 216,325; Mar. 9.

Delacour & Lewis Corporation, New York, N. Y. Tobacco pipes. 226,049; Mar. 9.

Deming, William L., Salem, Ohio. Egg boilers. 225,661; Mar. 9.

Denney & Co., Chicago, Ill. Fresh deciduous and citrous fruits and fresh vegetables. 214,402–4; Mar. 9.

Denver Alfalfa Milling & Products Co., The, Lamar, Colo. Alfalfa meal. 225,222; Mar. 9.

Des Moines Clay Company, Des Moines, Iowa. Face and common brick. 225,402; Mar. 9.

Detroit Oak Belting Company, Detroit, Mich. Leather belting. 226,341; Mar. 9.

Dieux, Jean, Paris, France. Printing, writing, and ledger paper, lead pencils, crayons, blank books, etc. 224,748; Mar. 9.

Don, Lily, Detroit, Mich. Toilet soap containing iodine. 222,733; Mar. 9.

Dunn, William E., Holland, Mich. Building blocks, bricks, and building tile made of concrete. 225,223; Mar. 9.

Duplan Silk Corporation, New York, N. Y. Yarns. 226,346; Mar. 9.

Duplex Silk Mills, Inc., New York, N. Y. Sheer crepe in the piece made of silk only. 225,083; Mar. 9.

Du Pont, E. I., de Nemours and Company, Wilmington, Del. Polishes acting as dirt and grease removers and cleaning material. 214,468; Mar. 9.

Durand-McNeil-Horner Co., Chicago, Ill. Canned fruits, vegetables, and fish, fruit preserves, peanut butter, etc. 191,818; Mar. 9.

E. R. V. Corporation, The, Detroit, Mich. Electrical therapeutic apparatus. 221,245; Mar. 9.

Eastern Hair Net Trading Co., New York, N. Y. Educational spelling game device. 219,732; Mar. 9.

Edwards, Louis F., doing business as The Metropolitan Refining Company, New York, N. Y. Paint. 204,356; Mar. 9.

Elliott, John B., & Sons, Philadelphia, Pa. Fabrics made from wool, worsted, cotton, or mixture thereof. 214,788; Mar. 9.

Elliott, John B., & Sons, Philadelphia, Pa. Fabrics made from wool, worsted, cotton, or mixtures thereof. 216,890–1; Mar. 9.

Elliott, John B., & Sons, Philadelphia, Pa. Fabrics made from wool, worsted, cotton, or mixtures thereof. 216,893–5; Mar. 9.

Elliott, John B., & Sons, Philadelphia, Pa. Fabrics made from wool, worsted, cotton, or mixtures thereof. 216,968; Mar. 9.

Ely & Walker Dry Goods Company, St. Louis, Mo. Cotton suiting in the piece. 208,960; Mar. 9.

Erie Malleable Iron Company, Erie, Pa. Malleable-iron castings. 226,482; Mar. 9.

Fahnk. Dr., Stock Remedy Co., Cincinnati, Ohio. Poultry tablets. 223,908; Mar. 9.

Feldstein, Abraham D., New York, N. Y. Men's and boys' caps. 225,508; Mar. 9.

Fennville Canning Co., Fennville, Mich. Canned fruits, vegetables, and berries. 221,247; Mar. 9.

Ferris Bros. Co., Newark, N. J. Corsets, brassières, and corset waists and waists and underwear. 222,172; Mar. 9.

Field, Thomas P., doing business as Sutherland Specialty Co., Flinker, La. Tire patches. 226,190; Mar. 9.

Fischer Soap and Oil Company, The, Cincinnati, Ohio. Soap. 224,963–4; Mar. 9.

Fisk Rubber Company, The, Chicopee Falls, Mass. Repair patches for pneumatic tires. 217,398; Mar. 9.

Flint, Clarence H., Brooklyn, N. Y. Candy and chewing gum. 224,908; Mar. 9.

Forbes, Jas. H., Tea & Coffee Co., St. Louis, Mo. Coffee. 217,083; Mar. 9.

Franco-Italian Packing Co., Inc., East San Pedro, Calif. Canned fish. 221,105; Mar. 9.

Freshy-Corbett Co. (See Corbett, Ronald.)

General Bottling & Distributing Co., Inc., Santa Ana, Calif. Beverages sold as soft drinks and sirups and extracts for making the same. 222,838; Mar. 9.

General Pencil Company, Jersey City, N. J. Lead pencils. 222,503; Mar. 9.

General Seafoods Corporation, Gloucester, Mass. Canned, smoked, salted, and fresh sea foods. 225,117; Mar. 9.

Glick, Emil, Cleveland, Ohio. Knitted neckties and knitted scarfs. 224,817; Mar. 9.

Globe Bottling Works. (See Skie, John.)

Goldman, Sigmund L., doing business as Red Sun Products Co., Chicago, Ill. Malt sirup for food purposes. 205,409; Mar. 9.

Gonsalez, Arthur, New York, N. Y. Mexican chick peas. 226,136; Mar. 9.

Grey Iron Casting Company, Mount Joy, Pa. Toy ranges and toy cooking utensils. 213,374; Mar. 9.

Griffin, Robert, Company, The, Jersey City, N. J. Wall paper. 225,319; Mar. 9.

Gudebrod Bros. Silk Co., doing business as Champion Mills, New York, N. Y. Cotton thread, knitting wool, and artificial threads for embroidery. 221,177; Mar. 9.

Guilpin, Bernard, doing business as Laboratoires Garnier, Blois, France. Lotion for the hair. 228,640; Mar. 9.

Haas, Geo., & Sons, San Francisco, Calif. Eating chocolates molded in fancy shapes. 183,337; Mar. 9.

Haffenreffer & Co. (See New England Brewing Co.)

Hancock Refining Co., Long Beach, Calif. Lubricating oils and greases. 224,020; Mar. 9.

Hansen, O. C., Manufacturing Company, Milwaukee, Wis. Lined and unlined gloves constructed of a combination of leather, rubber, and fabric. 225,713; Mar. 9.

Harris, Frank E., Co. Inc., Binghamton, N. Y. Food-flavoring extracts. 224,892; Mar. 9.

Harris, Frank E., Co. Inc., Binghamton, N. Y. Food-flavoring extracts. 224,896; Mar. 9.

Hart & Cooley Company, Incorporated, The, New Britain, Conn. Structural toys. 224,818; Mar. 9.

Haskelite Manufacturing Corporation, Chicago, Ill. Metal-sheathed portable cabinets or closets for housing clothing. 226,356; Mar. 9.

Hawthorne Roofing Tile Company, The, Cicero, Ill. Roofing tiles. 224,459; Mar. 9.

Heinrich, Mary E., New York, N. Y. Women's hats. 223,579; Mar. 9.

Hubbard, C. D., Fruit Co., Carpenteria, Calif. Oranges, lemons, and grapefruit. 222,264; Mar. 9.

Hubbard, Walter W., New York, N. Y. Name and title of a monthly magazine. 228,242; Mar. 9.

Huntington Laboratories, Inc., Huntington, Ind. Soap. 225,194; Mar. 9.

Indian Head Coal Sales Company, Lexington, Ky. Coal. 224,606; Mar. 9.

Ingraham, E., Company, The, Bristol, Conn. Clocks. 220,070; Mar. 9.

International Shoe Company, St. Louis, Mo. Boots and shoes of leather. 224,508; Mar. 9.

It Shoe Polish Co., Inc., Baltimore, Md. Shoe polish. 226,248; Mar. 9.

Janeway & Carpender, Inc., Highland Park, N. J. Wall paper. 225,016; Mar. 9.

Johnson & Johnson, New Brunswick, N. J. Bandages. 225,882; Mar. 9.

Jung, A. A., San Antonio, Tex. Malt sirups for food purposes. 221,553; Mar. 9.

Kalish, Harry L., New York, N. Y. Sample-display card. 226,428; Mar. 9.

Karlsruher Parfumerie- & Toilettenseifen-Fabrik, F. Wolff & Sohn, Gesellschaft mit beschränkter Haftung, Karlsruhe, Germany. Toilet soap and shaving soap. 226,217–18; Mar. 9.

Kasparian, G. M., Exeter, Calif. Fresh grapes. 215,695; Mar. 9.

Kauffman, Earl R., San Francisco, Calif. Monthly magazines. 221,902; Mar. 9.

Keasbey & Mattison Company, Ambler, Pa. Sound-absorbing plaster. 224,917; Mar. 9.

Kempton, Don, Figarden, Calif. Dried and canned figs, fig preserves, pickled figs, etc. 218,817; Mar. 9.

Kenney Manufacturing Company, Cranston, R. I. Metal curtain rods, drapery hardware, and window-shade hardware. 225,964; Mar. 9.

Kibbe Brothers Company, Springfield, Mass. Cream candies. 221,621; Mar. 9.

Kimberly-Clark Company, Neenah, Wis. Book papers. 225,929; Mar. 9.

Kittler, Joseph R., Chicago, Ill. Chinaware. 223,528; Mar. 9.

Klein, Julius, doing business as J. Klein Company, Philadelphia, Pa. Malt extracts for food purposes. 225,665; Mar. 9.

Kline Kandies, Inc., Reading, Pa. Cakes. 224,871; Mar. 9.

Klink Citrus Association, Ivanhoe, Calif. Oranges, lemons, and grapefruit. 216,915; Mar. 9.

Koch, Reinhold G., New York, N. Y. Automatic window-display figures. 216,052; Mar. 9.

Kothlow, George H., doing business as Milton Creamery Co., Milton, Wis. Butter. 224,142; Mar. 9.

Kriss Kringle Klub Company. (See Mayfield, James C.)

Krouse, Augustus L., Reading, Pa. Pretzels. 222,466; Mar. 9.

Küchenmeister, Heinrich, Berlin, Germany. Phonographs, pianos, violins, etc. 200,993; Mar. 9.

Kündig, F., jun. & Cie., Wallisellen, Switzerland. Coffee free of caffeine. 214,921; Mar. 9.

Laboratoires Garnier. (See Guilpin, Bernard.)

Lacher, Samuel, New York, N. Y. Hatboxes, suitcases, and traveling bags. 225,229; Mar. 9.

La Industrial Paraguaya S. A., Buenos Ayres, Argentina. Yerba mate. 221,748; Mar. 9.

Larabee Flour Mills Corporation, The, Kansas City, Mo. Wheat flour. 220,544; Mar. 9.

Lazier, J. F., Manufacturing Co., St. Louis, Mo. Flavorings and colorings for nonalcoholic maltless drinks. 208,351; Mar. 9.

Lee, H. D., Flour Mills Company, The, Salina, Kans. Wheat flour. 225,720 1; Mar. 9.

Le Jolie Main, Inc., New York, N. Y. Nail polishes, perfumes, face creams, etc. 226,009; Mar. 9.

Lewis, Clifford, Washington, D. C. Lesson sheets, pamphlets, and booklets. 219,076; Mar. 9.

Lion Match Co., Inc., New York, N. Y. Matches. 225,613; Mar. 9.

Lion Match Co., Inc., New York, N. Y. Matches. 225,615; Mar. 9.

Lionel Trading Co. Inc., New York, N. Y. Perfumes. 217,225; Mar. 9.

Little Rock Tent & Awning Co., Little Rock, Ark. Tents, awnings, and curtains, wagon and truck covers, and tarpaulins. 225,431; Mar. 9.

Livadiery, Paul J., Los Angeles, Calif. Cigarettes. 212,090; Mar. 9.

Livadiery, Paul J., Los Angeles, Calif. Coffee and candy. 221,324; Mar. 9.

Lorna Manufacturing Co., Inc., New York, N. Y. Perfume atomizers. 225,124; Mar. 9.

Lyon Brothers Millinery Company, Kansas City, Mo. Trimmed hats for use of women and children. 212,689; Mar. 9.

MacBeth-Evans Glass Company, Pittsburgh, Pa. Lamp glasses and globes. 223,130–1; Mar. 9.

Maljan Fruit Company, Los Angeles, Calif. Fresh grapes. 222,623; Mar. 9.

Manning, Maybelle, New York, N. Y. Perfumes. 187,010; Mar. 9.

Marshall, William A., Long Beach, Calif. Liquid polish for automobiles, furniture, etc. 224,467; Mar. 9.

Mason City Oil & Grease Company, Mason City, Iowa. Gasoline. 225,791; Mar. 9.

Mats Building Products Corporation, Detroit, Mich. Bricks, slabs, blocks, and partitions. 225,437; Mar. 9.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Mayfield, James C., doing business as Kriss Kringle Klub Company, Akron, Ohio. Grape, peach, lemon, etc., flavored beverages, etc. 192,919; Mar. 9.
McCord Company, James, Fort Worth, Tex. Lubricating oil. 225,662; Mar. 9.
McCormack, James A., New York, N. Y. Hair tonic. 224,716; Mar. 9.
McMurray, William, and Company, St. Paul, Minn. Candles. 201,249; Mar. 9.
Metropolitan Refining Company, The. (See Edwards, Louis F.)
Miller & Goldsmith, New York, N. Y. Fancy goods and novelties. 222,390; Mar. 9.
Milton Creamery Co. (See Kothlow, George H.)
Minnesota Mercantile Co., Stillwater, Minn. Rice, canned fish and oysters, fruit preserves, etc. 192,539; Mar. 9.
Modern Office Devices, Inc., New York, N. Y. Binders or tiles and hand punching devices. 219,754; Mar. 9.
Muller, Franklyn R., Inc., Waukegan, Ill. Stucco, composition flooring, magnesia flooring, etc. 201,971; Mar. 9.
Nachmann, Dr. A., Chem. U. Pharm. G. m. b. H., Berlin, Germany. Medicines and plasters. 223,185; Mar. 9.
Namello Products, Waco, Tex. Polish and cleaner. 224,923; Mar. 9.
National Cloak & Suit Co., New York, N. Y. Wall paper. 224,924; Mar. 9.
National Milling Company, The, Toledo, Ohio. Wheat flour. 225,672; Mar. 9.
Nedit Co. (See Crouch, Nelle M.)
New England Brewing Co., doing business as Haffenreffer & Co., Boston, Mass. Cereal malt beverage. 217,413; Mar. 9.
New England Newspaper Publishing Company, Boston, Mass. Newspaper articles. 225,571; Mar. 9.
New Pittsburgh Coal Company, Columbus, Ohio. Coal. 222,864; Mar. 9.
Niblot Pharmacal Co. (See Tolbin, George W.)
Nitrate Agencies Company, New York, N. Y. Fertilizer. 222,274; Mar. 9.
Norian Trading Co., Inc., Cambridge, Mass. Pistachio nuts. 211,864; Mar. 9.
North American Anolin Corporation, Little Falls, N. Y. Shoe polish and leather cleaner. 225,619; Mar. 9.
Novodent Chemical Co., San Francisco, Calif. Tooth powder. 225,236; Mar. 9.
O. K. Tool Company, Inc., The, Shelton, Conn., and New York, N. Y. Boring heads, gear cutters, hollow mills, etc. 206,915; Mar. 9.
Oak Knitting Company, Syracuse, N. Y. Knitted underwear, sport coats, pyjamas, and nightgowns. 207,626; Mar. 9.
Oak Knitting Company, Syracuse, N. Y. Knitted pyjamas and knitted nightgowns. 207,627; Mar. 9.
Ohio Truss Company, Cincinnati, Ohio. Arch supports. 210,683; Mar. 9.
Paper Service Co., Inc., Hinsdale, N. H. Toilet paper. 222,758; Mar. 9.
Parfumerie St. Denis, New York, N. Y. Bath salts. 217,480; Mar. 9.
Patterson, S. J., Company, The, Dayton, Ohio. Coal. 225,238; Mar. 9.
Petroleum Heat & Power Co., New York, N. Y. Petroleum-oil burners. 225,489; Mar. 9.
Philippe, Louis, Inc., New York, N. Y. Laxative. 226,018; Mar. 9.
Phillips, Abraham S., New York, N. Y. Handkerchiefs. 225,032; Mar. 9.
Pierce-Arrow Motor Car Company, The, Buffalo, N. Y. Internal-combustion-motor heat indicators. 226,438; Mar. 9.
Pittsburgh Plate Glass Company, Pittsburgh, Pa. Paintbrush. 222,878; Mar. 9.
Pie-Jur Products Co., Glenside, Pa. Candy. 226,301; Mar. 9.
Potts, Horace T., & Co., Philadelphia, Pa. Tool steel. 225,971–2; Mar. 9.
Potts, Horace T., & Co., Philadelphia, Pa. Alloy bar steel. 225,974–5; Mar. 9.
Potts, Horace T., & Co., Philadelphia, Pa. Steel sheets. 225,976; Mar. 9.
Powell's, New York, N. Y. Candy. 224,722; Mar. 9.
Power City Baking Company, Hazleton, Pa. Bread. 226,316; Mar. 9.
Priscilla Braid Company, Central Falls, R. I. Silk, cotton, and fabric braids. 224,930; Mar. 9.
Progressive Merchants Bureau, New York, N. Y. Monthly periodical. 219,260; Mar. 9.
Pumelo Company, The. (See Armstrong, Alexander F.)
Pyramid Orchards. (See Bannister, Edward A.)
Racine Horseshoe Tire Company, Racine, Wis. Vehicle tires and inner tubes therefor. 226,021; Mar. 9.
Rath Packing Company, The, Waterloo, Iowa. Ham, picnics, bacon, etc. 204,473; Mar. 9.
Red Star Yeast and Products Co., Milwaukee, Wis. Gin. 226,162; Mar. 9.
Red Sun Products Co. (See Goldman, Sigmund L.)
Remington Arms Company, Inc., Bridgeport, Conn., and Ilion, N. Y. Ammunition. 204,569; Mar. 9.
Richardson Lubricating Company, Quincy, Ill. Gasoline. 210,754–5; Mar. 9.
Ride-Em Patch Co., Newark, N. J. Tire patches. 226,303; Mar. 9.
Robinson & Gollmer, New York, N. Y. Knitted, woven, and embroidered fabrics in the piece. 223,868; Mar. 9.
Sand's Level & Tool Co., Detroit, Mich. Spirit levels. 222,947–8; Mar. 9.
Sands Manufacturing Company, The, Cleveland, Ohio. Valves, relief valves, fittings for fluid-containing tanks, etc. 224,728; Mar. 9.
Schmitt, George P., Oakland, Calif. Radiators. 179,745; Mar. 9.
Schneider, Samuel, doing business as S. Schneider & Company, Chicago, Ill. Women's and children's hats. 222,343; Mar. 9.
Scholl Manufacturing Company, Inc., Chicago, Ill. Boots and shoes and slippers. 206,086; Mar. 9.
Schulze, Paul A., St. Louis, Mo. Butter. 212,508; Mar. 9.
See, Joseph E., doing business as The Tanjora Company, New York, N. Y. Marmalade. 225,145; Mar. 9.
Sefton Manufacturing Corporation, Chicago, Ill. Pasteboard, cardboard boxes, etc. 217,641–2; Mar. 9.
Selden Truck Corporation, Rochester, N. Y. Motor trucks. 225,286–7; Mar. 9.
Shelbyville Overall Company, Shelbyville, Ind. Overalls, jackets, play suits, and youths' overalls and jackets. 220,256; Mar. 9.
Skie, John, doing business as Globe Bottling Works, Parsons, Kans. Carbonated, nonalcoholic, noncereal, maltless beverages sold as soft drinks. 224,679; Mar. 9.
Smith Agricultural Chemical Company, The, Columbus, Ohio. Battery acids and sulphuric acids. 225,851; Mar. 9.
Southern Spring Bed Company, Atlanta, Ga. Beds. 226,380; Mar. 9.
Speer, Clyde E., Coal Company, Incorporated, Pittsburgh, Pa. Coal. 224,883; Mar. 9.
Sperry Flour Company, San Francisco, Calif. Wheat flour. 221,286; Mar. 9.
Standard Crayon Manufacturing Co., Danvers, Mass. Wax and chalk crayons. 216,364; Mar. 9.
Stanley, John T., Co. Inc., New York, N. Y. Gasket and radiator cement. 221,784; Mar. 9.
Stedfast Fabric and Rubber Co. (See Sydeman, Abraham.)
Stroock, S., & Co. Inc., New York, N. Y. Wool cloth in the piece. 211,389; Mar. 9.
Sutherland Specialty Co. (See Field, Thomas P.)
Swisher, Jno. H., & Son, Newark, Ohio. Cigars. 225,816; Mar. 9.
Sydeman, Abraham, doing business as Stedfast Fabric and Rubber Co., Mattapan, Mass. Rubberized woven and unwoven fabric. 206,700; Mar. 9.
Syndicate Trading Co., New York, N. Y. Cotton piece goods. 225,326; Mar. 9.
Tanjora Company, The. (See See, Joseph E.)
Taylor-Long Company, Charlotte, N. C. Glass bottles. 224,303; Mar. 9.
Taylor-Long Company, Charlotte, N. C. Nonalcoholic, maltless, carbonated beverages and the syrups for making the same. 224,304; Mar. 9.
Terry Sales and Manufacturing Company, Colorado Springs, Colo. Liquid preparation for preserving leather. 223,751; Mar. 9.
Thomas, Erroid B., Newton, Mass. Absorbent material of fibrous character and in sheet form. 224,998; Mar. 9.
Three Point Coal Company, and Ellis Knob Coal Company, Lenaru, Ky. Coal. 224,481; Mar. 9.
Titanium Alloy Manufacturing Company, The, Niagara Falls, N. Y. Zirconium and titanium compounds. 223,610; Mar. 9.
Tolbin, George W., doing business as Niblot Pharmacal Co., New York, N. Y. Effervescent tablets and a liquid preparation for relief of headaches, mental fatigue, etc. 221,934; Mar. 9.
Tongue, R. E., & Bros. Co., Inc., Philadelphia, Pa. Fly ribbon, fly paper, fly tape, and fly swatters. 225,066; Mar. 9.
Trannoy, Marius E. M., Asnieres, France. Metallic fitting for securing of brooms, brushes, and similar articles. 225,531; Mar. 9.
Tucker, Beulah B., St. Louis, Mo. Hygienic sleeping blanket made from cotton, wool, or mixtures thereof. 224,846; Mar. 9.
Uihlein, Julius, doing business as Julius Uihlein & Company, Cincinnati, Ohio. Steal blocks, disks, bars, and forgings. 214,934; Mar. 9.
Ullman-Levinthal Silks Corporation, New York, N. Y. Silk, artificial silk, cotton, or combination thereof in the piece. 224,790; Mar. 9.
Ultra Fruit Association, Ultra, Calif. Fresh grapes. 221,293–4; Mar. 9.
United States Gypsum Company, Chicago, Ill. Plastic wall covering, wall plaster, and finishing plaster. 225,209; Mar. 9.
Valentine & Company, New York, N. Y. Paste paint or surfacing material. 226,589; Mar. 9.
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Pile salve. 225,331; Mar. 9.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Ventura Citrus Association, doing business as E. S. Burnard Co. Inc., Ventura, Calif. Oranges, lemons, and grapefruit. 222,294; Mar. 9.
Ventura Citrus Association, Ventura, Calif. Oranges, lemons, and grapefruit. 222,295–6; Mar. 9.
Vernoy Chemical Company, Summit, N. J. Dental powder for cleaning dental plates and bridges. 217,148; Mar. 9.
Walt, George Z., doing business as George Z. Walt Co., Sacramento, Calif. Concentrated fruit juices for making of jellies, fruit pectin for jellies. 226,301; Mar. 9.
Walls & Topham, Lindsay, Calif. Fresh citrous fruits. 223,670; Mar. 9.
Washburn Company, The, Worcester, Mass. Chains. 197,639; Mar. 9.
Watch Dog Identification Devices, New York, N. Y. Cloth-identification folder. 217,972; Mar. 9.
Wausau Shoe Mfg. Co., Wausau, Wis. Leather shoes. 210,517; Mar. 9.
Weed, Mrs. Estelle J., doing business as E. J. Weed, Drayton Plaines and Walled Lake, Mich. Orange marmalade. 224,999; Mar. 9.
Weitzel Flooring Corporation, Philadelphia, Pa. Lumber. 225,334–5; Mar. 9.
Welco Products, Inc., Boston, Mass. Han soap product. 224,685; Mar. 9.
Westfield River Paper Company, Inc., Russell, Mass. Wrapping paper. 225,390; Mar. 9.
Wiedeke, Gustav Co., Dayton, Ohio. Tube and flue expanders, tube and flue cutters, tube and flue beading tools. 209,601; Mar. 9.
Wilke, Ernest, Newark, N. J. Furniture polish. 225,631; Mar. 9.
Williams, J. B., Company, The, Glastonbury, Conn. Hand cleaners. 225,498; Mar. 9.
Willson Spitelmann Label Co., Chicago, Ill. Printed, gummed, and ungummed embossed labels and tags. 218,229; Mar. 9.
Wolff-Tober Shoe Mfg. Co., St. Louis, Mo. Ladies' and misses' shoes, slippers, pumps, and low quarters. 225,212; Mar. 9.
Wyman, George, & Co., South Bend, Kans. Women's dresses, coats, hats, etc. 224,815; Mar. 9.
Young, G. N., Exeter, Calif. Fresh grapes. 221,400; Mar. 9.
Young & McCallister, Inc., Los Angeles, Calif. Display signs. 219,020; Mar. 9.
Zajac, John, Peabody, Mass. Hair tonic. 225,946; Mar. 9.
Zürcher Papierfabrik an der Sihl (Zurich Paper Mill on Sihl), Zurich, Switzerland. Thin and thick drawing paper, tracing paper, tissue paper, etc. 214,196; Mar. 9.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Coal. Moline Consumers Co. 210,318; Mar. 9.
Coal. Shoemaker Coal Mining Company. 210,297; Mar. 9.
Coal, Anthracite. Delaware, Lackawanna & Western Coal Company. 210,222; Mar. 9; Serial No. 217,335; published Nov. 10, 1925.
Leather. White Bros. & Co. 28,205; renewed May 5, 1926.
Leather for shoes. Pfister & Vogel Leather Company. 51,427; renewed Apr. 17, 1926.

CLASS 2.

Bags, Paper. Advance Bag and Paper Company. 210,280–1; Mar. 9; Serial Nos. 222,550–1; published Dec. 15, 1925.
Baskets, Flower. Stollery Bros., Inc. 210,243; Mar. 9. Serial No. 222,528; published Dec. 22, 1925.
Boxes and containers, Art. Bautebox, Inc. 210,211; Mar. 9; Serial No. 204,300; published Dec. 22, 1925.
Boxes, Foldable mailing. C. J. Fox Company. 210,233; Mar. 9; Serial No. 221,549; published Dec. 22, 1925.
Tanks, Septic. F. E. Clark. 210,239; Mar. 9; Serial No. 222,109; published Dec. 22, 1925.

CLASS 3.

Bags, Traveling. Max Damm Company. 209,999; Mar. 9; Serial No. 222,079; published Dec. 29, 1925.
Pocketbook and hand-bag frames and trimmings and harness trimmings. Bakelite Corporation. 210,268; Mar. 9; Serial No. 221,588; published Dec. 15, 1925.
Reticules and hand bags. H. Margolin & Co. 210,161; Mar. 9; Serial No. 217,473; published Dec. 29, 1925.

CLASS 4.

Borax, soap, cleansing compounds, toilet and bath powders. Pacific Coast Borax Company. 28,491; renewed June 30, 1926.
Cleaning compound. E. C. Davis. 51,783; renewed Apr. 24, 1926.
Leather preservative in paste and liquid form. D. W. Sankey. 210,320; Mar. 9.
Soap. Newell & Bro. 25,018; renewed Mar. 24, 1926.
Soap and soap powder. Van Camp Packing Company. 210,296; Mar. 9.
Soaps. Colgate & Co. 54,002; renewed June 19, 1926.

CLASS 5.

Adhesive cement. Bakelite Corporation. 210,234; Mar. 9; Serial No. 221,589; published Dec. 22, 1925.
Adhesive cement. Bakelite Corporation. 210,235; Mar. 9; Serial No. 221,594; published Dec. 22, 1925.

CLASS 6.

Anesthetic. British Drug Houses, Limited. 210,279; Mar. 9; Serial No. 222,438; published Dec. 8, 1925.
Anesthetic, Local. Dr. F. A. Ross. 210,278; Mar. 9; Serial No. 222,494; published Dec. 8, 1925.
Antiseptic and alkaline antiseptic solutions. S. W. Leidich. 210,078; Mar. 9; Serial No. 222,927; published Dec. 15, 1925.
Boll-weevil exterminators. Jac S. Cohen Co. 210,282; Mar. 9; Serial No. 222,729; published Dec. 15, 1925.
Cold remedy for babies. Pharmaceutical Research Corporation. 210,245; Mar. 9; Serial No. 222,794; published Dec. 15, 1925.
Coloring tablets. De Luxe Cake Decorator Company. 210,241; Mar. 9; Serial No. 222,224; published Dec. 15, 1925.
Creams, face packs, perfumes, sachets, etc., Face. H. W. McWhorter. 210,275; Mar. 9; Serial No. 222,388; published Dec. 8, 1925.
Deodorant preparation, Sanitary. Celma Company. 210,248; Mar. 9; Serial No. 222,914; published Dec. 15, 1925.
Deodorants. F. N. Lewis. 210,274; Mar. 9; Serial No. 222,329; published Dec. 8, 1925.
Disinfectant, Steam-distilled pine-oil. Selig Company. 210,175; Mar. 9; Serial No. 204,632; published Jan. 13, 1925.
Disinfectants, Liquid. M. E. Platt. 50,246; renewed Mar. 6, 1926.
Dyes, Domestic-fabric. W. H. Bannon. 210,101; Mar. 9; Serial No. 220,170; published Dec. 8, 1925.
Fire-extinguishing preparation. Flamite Corporation. 210,246; Mar. 9; Serial No. 222,834; published Dec. 15, 1925.
Germicide. American Avator Company. 210,094; Mar. 9; Serial No. 222,421; published Dec. 8, 1925.
Germicide and antiseptic compound. J. F. Ballard. 51,604; renewed Apr. 17, 1926.
Hair pomade. M. C. Trichel. 210,190; Mar. 9; Serial No. 184,369; published Dec. 15, 1925.
Insecticide. Mitox Co. 210,276; Mar. 9; Serial No. 222,391; published Dec. 8, 1925.
Laxatives. W. S. Johnson & Son. 52,487; renewed May 8, 1926.
Liniment. J. F. Ballard. 51,603; renewed Apr. 17, 1926.
Liniment. I. M. Grumbacher. 210,179; Mar. 9; Serial No. 210,382; published Dec. 8, 1925.
Liquid and tablets for digestive disorders. Upjohn Company. 210,277; Mar. 9; Serial No. 222,418; published Dec. 8, 1925.
Lotion, Sunburn. Sunland Laboratories, Inc. 210,184; Mar. 9; Serial No. 215,601; published Dec. 8, 1925.
Medicinal preparation. E. Healey. 210,189; Mar. 9; Serial No. 217,459; published Dec. 15, 1925.
Medicine, Blood. J. A. Abadie. 210,272; Mar. 9; Serial No. 222,206; published Dec. 8, 1925.
Medicine empolyed as a tonic, appetizer, and strengthener. J. F. Ballard. 51,919; renewed Apr. 24, 1926.
Medicine for catarrh, coughs, colds, etc. W. F. Peggram and Company. 210,040; Mar. 9; Serial No. 220,863; published Dec. 8, 1925.
Medicine for tuberculosis. Tuberco Mfg. Co. 210,186; Mar. 9; Serial No. 216,868; published Dec. 15, 1925.
Ointment for catarrhal inflammation, etc., Ethical. W. T. Ellison. 210,049; Mar. 9; Serial No. 220,709; published Dec 8, 1925.
Perfume, hair tonic, rouges, face powders, etc. L'Aiglon Perfumery Co. 210,219; Mar. 9; Serial No. 216,919; published Dec. 15, 1925
Perfumes. A. W. Lanfranchi. 210,090–100; Mar. 9; Serial Nos. 220,193–4; published Dec. 15, 1925.
Perfumery and cosmetics. Eulith Gesellschaft m. b. H. Chemisch-Pharmaceutische Fabrik. 210,180; Mar. 9; Serial No. 211,911; published Dec. 8, 1925.

Powder, Face. A. Bourjois & Co. 210,263; Mar. 9; Serial No. 222,816; published Dec. 15, 1925.
Powder, Face. A. Bourjois & Co. 210,264; Mar. 9; Serial No. 222,818; published Dec. 15, 1925.
Powder, rouge sachets, perfume, etc., Face. Marinello Company. 210,174; Mar. 9; Serial No. 204,464; published Dec. 8, 1925
Powders and creams, toilet waters, lip sticks, etc., Face. Societe La France Toilet Goods Co., Inc. 210,291; Mar. 9.
Powders for the feet. A. S. Olmsted. 28,605; renewed July 14, 1926.
Preparation for exterminating cockroaches and black beetles. E. Howarth. 210,097; Mar. 9; Serial No. 220,288; published Dec. 15, 1925.
Preparation for the treatment of asthma. P. Kellett. 210,034; Mar. 9; Serial No. 221,068; published Dec. 15, 1925.
Preparation for the treatment of rheumatism and of kindred diseases. Norwood Pharmaceutical Company. 210,051; Mar. 9; Serial No. 220,671; published Dec. 8, 1925.
Proprietary preparation. Brandreth Company. 27,621; renewed Jan. 7, 1926.
Remedies, Topical. J. F. Ballard. 51,337; renewed Apr. 10, 1926.
Salve, Medicinal. E. Bergen. 210,287; Mar. 9; Serial No. 221,690; published Dec. 15, 1925.
Throat lozenges. Mentopine Corporation. 210,271; Mar. 9; Serial No. 221,973; published Dec. 8, 1925.
Tincture iodine, chloride iron and arnica, sweet spirits of niter, etc. Faxon & Gallagher Drug Co. 210,188; Mar. 9; Serial No. 217,267; published Dec. 8, 1925.
Tonic. P. Santiago. 210,262; Mar. 9; Serial No. 222,765; published Dec. 15, 1925.
Tonic for the scalp. L. A. Gross. 210,107; Mar. 9; Serial No. 219,339; published Dec. 15, 1925.
Tooth paste. A. K. Dellarowe. 210,098; Mar. 9; Serial No. 220,219; published Dec. 15, 1925.
Treatment for sexual disfunction. E. W. Paine. 210,247; Mar. 9; Serial No. 222,867; published Dec. 15, 1925.
Unctions for eradication of cutaneous diseases. B. S. Gilbert. 27,962; renewed Mar. 17, 1926.
Vegetable jelly for treating inflammations and ulcers. Galen Laboratories, Inc. 210,104; Mar. 9; Serial No. 219,622; published Dec. 15, 1925.
Vermifuge. J. F. Ballard. 53,512; renewed June 5, 1926.

CLASS 7.

Cords, lines, twines, and ropes. Samson Cordage Works. 50,828; renewed Apr. 3, 1926.
Cords, lines, twines, and ropes. Samson Cordage Works. 51,775; renewed Apr. 24, 1926.
Cotton rope, sash cord, polished twines, bralded cord, etc. Hooper Sons' Manufacturing Co. 210,309; Mar. 9.
Twine. R. C. Hyland. 210,302; Mar. 9.
Twine, cordage, and thread for closing bags. Chase Bag Co. 210,310–11; Mar. 9.

CLASS 8.

Pipes, pipe stems and bowls, cigar and cigarette holders, etc. Bakelite Corporation. 210,067; Mar. 9; Serial No. 212,533; published Dec. 22, 1925.

CLASS 9.

Firearms. Webley & Scott Revolver & Arms Co. Ld. 48,404–5; renewed Dec. 26, 1925.
Guns, rifles, pistols, revolvers, and parts thereof. Webley & Scott Revolver & Arms Co., Ld. 50,353; renewed Mar. 13, 1926.
Matches. Lagerloef Trading Company. 210,153; Mar. 9; Serial No. 218,706; published Dec. 29, 1925.
Pistol grips and butt plates. Bakelite Corporation. 210,093; Mar. 9; Serial No. 222,424; published Dec. 22, 1925.

CLASS 11.

Carbon paper, Typewriter. Standard Products Corporation. 210,202; Mar. 9; Serial No. 220,427; published Dec. 8, 1925.
Ink, Writing. Carter's Ink Company. 210,204; Mar. 9; Serial No. 220,395; published Dec. 1, 1925.
Inks, Writing. C. A. Daniels. 210,142; Mar. 9; Serial No. 212,122; published Dec. 8, 1925.

CLASS 12.

Cement corncrib blocks. W. Meyer. 210,312; Mar. 9.
Tile and asbesos cement sheets. Asbestos Limited, Inc. 210,314; Mar. 9.

CLASS 13.

Metallic articles including garment and house furnishings and fastenings and jewelry. T. and J. M. Carlyle. 27,572; renewed Dec. 31, 1925.
Nails. United Shoe Machinery Company. 53,736; renewed June 12, 1926.
Strainers, Well. Knobe, Inc. 210,255; Mar. 9; Serial No. 220,611; published Dec. 15, 1925.
Tacks. Shelton Tack Company. 210,330; Mar. 9.

CLASS 14.

Metal castings. Western Crucible Steel Casting Co. 210,256; Mar. 9; Serial No. 222,358; published Dec. 15, 1925.
Metal, Castings of. W. Wood. 28,324; renewed June 2, 1926.
Rods, sheets, wire, plates, ingots, and castings made from metallic alloys. Ansonia Brass and Copper Company. 28,067; renewed Mar. 31, 1926.
Wire. United Shoe Machinery Company. 50,597; renewed Mar. 27, 1926.

CLASS 15.

Candles, Night-light. Diamond Candle Co. 210,224; Mar. 9; Serial No. 219,579; published Dec. 15, 1925.
Gasoline, kerosene, lubricating oils and greases. Rogers Gasoline Company. 210,273; Mar. 9; Serial No. 222,281; published Dec. 15, 1925.
Oils and gasoline, Motor. J. O. Abshire. 210,265; Mar. 9; Serial No. 21,469; published Dec. 8, 1925.
Oils and grease. John T. Stanley Co. 210,269; Mar. 9; Serial No. 221,782; published Dec. 15, 1925.
Oils and greases, Lubricating. Panther Oil & Grease Mfg. Co. 210,227; Mar. 9; Serial No. 220,354; published Dec. 15, 1925
Oils, Combustible. Mitchel Oil Company, of New Jersey. 210,216; Mar. 9; Serial No. 210,917; published Dec. 15, 1925.
Oils, Lubricating. Deepwater Oil Refineries, Inc. 210,270; Mar. 9; Serial No. 221,951; published Dec. 15, 1925.
Oils, Lubricating. General Petroleum Corporation. 210,261; Mar. 9; Serial No. 222,025; published Dec. 15, 1925.
Oils, Lubricating. Panther Oil & Grease Mfg. Co. 210,228; Mar. 9; Serial No. 220,355; published Dec. 15, 1925.

CLASS 16.

Coloring, waterproofing, and coating concrete, stucco, etc., Compositions for. Master Builders Company. 210,096; Mar. 9; Serial No. 220,410; published Dec. 15, 1925.
Nitrocellulose lacquer. Jones-Dabney Varnish Company. 210,033; Mar. 9; Serial No. 220,900; published Dec. 15, 1925.
Paint for concrete surfaces, Prepared liquid. J. F. Kurfees Paint Company. 210,319; Mar. 9.
Paints and varnishes. Supreme Paint & Varnish Co. 210,102; Mar. 9; Serial No. 220,095; published Dec. 15, 1925.
Paints, stains, varnishes, etc. Harrison Bros. & Co. 27,853; renewed Feb. 25, 1926.
Polish, Oil. Matchless Metal Polish Co. 210,033; Mar. 9; Serial No. 221,131; published Dec. 15, 1925.
Spirit varnish. Ball Chemical Co. 53,302; renewed May 29, 1926.

CLASS 17.

Cigarettes. F. C. Hitch. 210,225; Mar. 9; Serial No. 220,024; published Dec. 22, 1925.
Cigars, cigarettes, and smoking tobacco. Infanzon & Rodriguez. 210,267; Mar. 9; Serial No. 221,552; published Dec. 15, 1925.

CLASS 20.

Floor covering. Cott-A-Lap Company. 210,197; Mar. 9; Serial No. 220,641; published Dec. 29, 1925.

CLASS 21.

Batteries, Dry-cell. Re-Vi-Vo, Inc. 210,054; Mar. 9; Serial No. 202,711; published Mar. 17, 1925.
Batteries, Electric. Twin Dry Cell Battery Company. 210,198; Mar. 9; Serial No. 220,583; published Dec. 1, 1925.
Batteries, Storage. Bilt-Ryte Battery Company. 210,192; Mar. 9; Serial No. 221,162; published Dec. 8, 1925.
Battery-charger units, rectifier cells, transformers, and resistance units and parts thereof. Fansteel Products Company. 210,021; Mar. 9; Serial No. 219,053; published Dec. 1, 1925.
Battery chargers, ignition parts, starter parts, etc., Automobile. Auto Equipment and Service Co. 210,074; Mar. 9; Serial No. 215,546; published Dec. 8, 1925.
Chandeliers and parts thereof, electric fans, radio receiving sets, etc., Electric-lighting. Leber Supply Co. 210,144; Mar. 9; Serial No. 213,382; published Dec. 8, 1925.
Condensers, air transformers, resistances, sockets, etc., Variable air. Bremer-Tully Manufacturing Company. 210,164; Mar. 9; Serial No. 216,381; published Dec. 8, 1925.
Drink mixers, Electrically operated. Mechanical Mixers Corporation. 210,187; Mar. 9; Serial No. 165,436; published Dec. 8, 1925.
Electric conduit fittings and electric wiring devices. Veco Mfg. Co. 210,117; Mar. 9; Serial No. 184,924; published Dec. 1, 1925.
Electric insulating composition. Bryant Electric Company. 210,009; Mar. 9; Serial No. 219,269; published Dec. 1, 1925.
Electric motors and loop aerials. Bodine Electric Company. 210,146; Mar. 9; Serial No. 219,164; published Dec. 8, 1925.

Electric pull sockets. Hart & Hegeman Manufacturing Company. 210,068; Mar. 9; Serial No. 212,923; published Dec. 1, 1925.
Electrical and radio supplies. Schuster Electric Company. 210,062; Mar. 9; Serial No. 205,558; published Dec. 1, 1925.
Electrical heaters. Strait & Richards, Inc. 210,115; Mar. 9; Serial No. 175,832; published Dec. 1, 1925.
Extension cords, lamps, etc., Electric. Packard Electric Company. 210,148; Mar. 9; Serial No. 212,825; published Dec. 8, 1925.
Fireplaces, Complete electric. Colonial Fireplace Company. 210,148; Mar. 9; Serial No. 219,109; published Dec. 8, 1925.
Fuses, fuse switches, and disconnecting switches, Superpower. Royal Electric Mfg. Co. 210,159; Mar. 9; Serial No. 217,636; published Dec. 29, 1925.
Insulating compound. Emil Calman & Co. 52,901; renewed May 22, 1926.
Lamps, Electric. R. H. Baur. 210,260; Mar. 9; Serial No. 219,216; published Dec. 8, 1925.
Lamps, Mercury-vapor arc. Cooper Hewitt Electric Company. 210,125; Mar. 9; Serial No. 199,150; published Dec. 8, 1925.
Lights and projecting lamps, Flood. Pyle-National Company. 210,138; Mar. 9; Serial No. 193,068; published Dec. 8, 1925.
Lights, Electrical direction signal. J. G. Roseboom. 210,154; Mar. 9; Serial No. 218,525; published Dec. 8, 1925.
Magnetos, coils, radio receiving and transmitting apparatus, etc. Eisemann Magneto Corporation. 210,253; Mar. 9; Serial No. 218,402; published Dec. 8, 1925.
Microphones. Tri-Ergon A.-G. 210,252; Mar. 9; Serial No. 217,807; published Dec. 8, 1925.
Radio apparatus. Polyphonwerke Aktiengesellschaft. 210,165; Mar. 9; Serial No. 216,286; published Dec. 1, 1925.
Radio apparatus, parts, and appurtenances. Victor Talking Machine Company. 210,122; Mar. 9; Serial No. 195,203; published Dec. 2, 1924.
Radio coils and inductances. Eastern Electric & Mfg. Co. 210,191; Mar. 9; Serial No. 221,172; published Dec. 8, 1925.
Radiofrequency transformers. Pfanstiehl Radio Service Company. 210,328; Mar. 9.
Radio loud speakers. Payne Company. 210,027; Mar. 9; Serial No. 220,136; published Dec. 1, 1925.
Radio loud-speaking units. Mutual Phono Parts Mfg. Corp. 210,016; Mar. 9; Serial No. 219,638; published Dec. 1, 1925.
Radio panels, dials, control handles, tube bases, etc. J. S. Stokes. 210,053; Mar. 9; Serial No. 201,380; published Dec. 1, 1925.
Radio receiving sets. E. Brown. 210,123; Mar. 9; Serial No. 197,321; published Dec. 1, 1925.
Radio receiving sets. Etherical Radio Company. 210,151; Mar. 9; Serial No. 218,802; published Dec. 8, 1925.
Radio receiving sets. F. H. MacKenzie. 210,066; Mar. 9; Serial No. 211,793; published Dec. 8, 1925.
Radio receiving sets. Wm. J. Murdock Co. 210,206; Mar. 9; Serial No. 220,353; published Dec. 1, 1925.
Radio receiving sets. Paxton and Gallagher Co. 210,008; Mar. 9; Serial No. 220,250; published Dec. 1, 1925.
Radio receiving sets. D. M. Steward Mfg. Company. 210,254; Mar. 9; Serial No. 219,413; published Dec. 8, 1925.
Radio receiving sets and parts thereof. Astral Radio Corporation. 210,028; Mar. 9; Serial No. 220,169; published Dec. 1, 1925.
Radio receiving sets and parts thereof. David Grimes, Inc. 210,015; Mar. 9; Serial No. 219,624; published Dec. 8, 1925.
Radio receiving sets and parts thereof. Machine Specialty Company. 210,024; Mar. 9; Serial No. 219,973; published Dec. 8, 1925.
Radio receiving sets and parts thereof. Radiotel Manufacturing Co. 210,018; Mar. 9; Serial No. 219,762; published Dec. 8, 1925.
Radio receiving sets and parts thereof. United Electric Co. of Chicago. 210,327; Mar. 9.
Radio receiving sets and radio parts. Imperial Electric Mfg. Co. 210,058; Mar. 9; Serial No. 204,914; published Dec. 8, 1925.
Radio receiving sets, vacuum tubes, condensers, etc. Wellston Radio Corp. 210,308; Mar. 9.
Reflectors for electric headlights. Nite-Eye Light Corporation. 210,163; Mar. 9; Serial No. 217,287; published Dec. 1, 1925.
Tags, Metal. M. F. Knoblauch. 210,141; Mar. 9; Serial No. 205,605; published Dec. 15, 1925.
Transmission of photographs electrically. Machines and apparatus for distance. Pacific & Atlantic Photos, Inc. 210,251; Mar. 9; Serial No. 207,628; published Dec. 8, 1925.

CLASS 22.

Fishing lines. United States Whip Company. 210,221; Mar. 9; Serial No. 217,121; published Dec. 22, 1925.
Fishing tackle. Frost Fishing Tackle Company. 210,230; Mar. 9; Serial No. 220,845; published Dec. 22, 1925.
Golf clubs. Crawford, McGregor & Canby Company. 210,114; Mar. 9; Serial No. 171,626; published Dec. 29, 1925.
Golf clubs. Wilson-Western Sporting Goods Co. 210,169; Mar. 9; Serial No. 220,437; published Dec. 15, 1925.
Hammocks, Cotton, silk, and jute. Hohlfeld Manufacturing Company. 210,218; Mar. 9; Serial No. 215,302; published Dec. 22, 1925.
Kites. Hi-Flier Manufacturing Company. 210,210; Mar. 9; Serial No. 208,175; published Dec. 22, 1925.
Rubber bladders, Seamless. Seamless Rubber Company. 210,173; Mar. 9; Serial No. 202,826; published Dec. 15, 1925.
Tennis rackets. Wilson-Western Sporting Goods Co. 210,170; Mar. 9; Serial No. 220,436; published Dec. 15, 1925.

CLASS 23.

Ash sifters. J. P. Hill. 52,849; renewed May 22, 1926.
Carpet sweepers. American Wringer Company. 53,413; renewed June 5, 1926.
Engines, Internal-combustion. Cummins Engine Company. 210,288; Mar. 9.
Grain peeling and scouring machines. Kaspar Getreideschaelmaschine, G. m. b. H. 210,150; Mar. 9; Serial No. 218,854; published Dec. 22, 1925.
Pumps and engines. Geo. F. Blake Manufacturing Company. 28,015; renewed July 14, 1926.
Typewriting machines. Oliver Typewriter Company. 51,111; renewed Apr. 3, 1926.
Typewriting machines and parts thereof. Oliver Typewriter Company. 48,960; renewed Jan. 16, 1926.
Windmills. Heller-Aller Co. 54,040; renewed June 19, 1926.

CLASS 24.

Clothespins. Allen Quimby Clothespin Company. 210,200; Mar. 9; Serial No. 220,488; published Dec. 1, 1925.
Wringers and the parts composing the same. Clothes. American Wringer Company. 53,450; renewed June 5, 1926.
Wringers, Clothes. American Wringer Company. 53,452; renewed June 5, 1926.

CLASS 26.

Chemical comparisons or tests, Apparatus for making. British Drug Houses, Limited. 210,257; Mar. 9; Serial No. 222,437; published Dec. 15, 1925.
Liquid-supply-indicating devices. F. J. Brannen Company. 210,011; Mar. 9; Serial No. 219,374; published Oct. 27, 1925.
Patterns, Paper and sheet-metal shoe. Premier Pattern Co. 210,323; Mar. 9.
Scales, Weighing. Hanson Brothers Scale Company. 210,069; Mar. 9; Serial No. 213,237; published June 23, 1925.
Weighing machines and parts thereof. E. and T. Fairbanks and Company. 51,226; renewed Apr. 10, 1926.

CLASS 27.

Clocks. E. Ingraham Company. 210,025; Mar. 9; Serial No. 220,072; published Dec. 1, 1925.
Watchcases. Bulova Watch Company. 210,205; Mar. 9; Serial No. 220,393; published Dec. 1, 1925.
Watch movements. John T. Mauran Mfg. Co. 210,203; Mar. 9; Serial No. 220,411; published Dec. 1, 1925.
Watches. E. Ingraham Company. 210,026; Mar. 9; Serial No. 220,073; published Dec. 1, 1925.
Watches, watchcases, watch dials, and watchworks. H. Gisiger. 210,020; Mar. 9; Serial No. 219,890; published Dec. 1, 1925.
Watches, watchcases, watch movements, and parts of the same. Helbein-Stone Company. 210,195; Mar. 9; Serial No. 221,062; published Dec. 8, 1925.

CLASS 28.

Bracelets. Napier Co. 210,072; Mar. 9; Serial No. 215,166; published Dec. 1, 1925.
Earrings. P. & A. Linton Co. 210,023; Mar. 9; Serial No. 219,970; published Dec. 1, 1925.
Jewelry. Stein and Windt, Inc. 210,207; Mar. 9; Serial No. 220,326; published Dec. 1, 1925.
Necktie supports. W. P. Talbot. 210,111; Mar. 9; Serial No. 216,236; published Nov. 3, 1925.
Threads, including the needle for stringing and sewing beads. Royal Importing Company. 210,149; Mar. 9; Serial No. 219,089; published Dec. 1, 1925.

CLASS 29.

Brooms. American Stores Company. 210,045; Mar. 9; Serial No. 220,818; published Dec. 15, 1925.
Brushes, Painters'. M. Berkowitz. 210,048; Mar. 9; Serial No. 220,754; published Dec. 15, 1925.
Polishing cloths not treated, Cotton. James Kenyon & Son, Limited. 210,181; Mar. 9; Serial No. 213,440; published Dec. 15, 1925.
Powder puffs. Western Bottle Manufacturing Company. 210,249; Mar. 9; Serial No. 223,007; published Dec. 22, 1925.

CLASS 31.

Refrigerating equipment. Central Construction & Supply Company. 210,177; Mar. 9; Serial No. 208,958; published Dec. 15, 1925.

CLASS 32.

Chairs, davenports, and sofas. Franklin Furniture Co. 210,022; Mar. 9; Serial No. 219,956; published Dec. 15, 1925.

Chairs, Folding. Louis Rastetter & Sons. 210,070; Mar. 9; Serial No. 214,033; published Dec. 15, 1925.
Combination articles which may be used as a table or tub. B. H. Barrow. 209,997; Mar. 9; Serial No. 221,949; published Dec. 22, 1925.
Cushions, Chair and davenport. Kloud Upholstering Co. 210,019; Mar. 9; Serial No. 210,826; published Dec. 22, 1925.
Filing cabinets or safes. Safe-Cabinet Company. 210,317; Mar. 9.
Furniture, Office. West-Made Desk Company. 209,992; Mar. 9; Serial No. 221,466; published Dec. 22, 1925.
Shades, Window. C. W. Rice. 210,201; Mar. 9; Serial No. 220,470; published Dec. 15, 1925.

CLASS 33.

Bowls, shades, domes, prisms, etc., made of glass. Incandescent Supply Company. 210,126; Mar. 9; Serial No. 199,626; published June 16, 1925.
Glass, Wire. Mississippi Wire Glass Company. 210,085; Mar. 9; Serial No. 222,696; published Dec. 29, 1925.

CLASS 34.

Candle holders. Standard Oil Company. 210,250; Mar. 9; Serial No. 204,938; published Dec. 8, 1925.
Heater for coal and wood. Rock Island Stove Co. 210,215; Mar. 9; Serial No. 205,552; published Dec. 1, 1925.

CLASS 35.

Asbestos material. British Belting & Asbestos Ltd. 210,152; Mar. 9; Serial No. 218,789; published Dec. 15, 1925.
Gaskets, Sheet-metal and asbestos. Fitzgerald Manufacturing Company. 210,283; Mar. 9.
Patches for repairing inner tubes of tires and other repair uses. G. N. Little. 210,208; Mar. 9; Serial No. 220,311; published Dec. 15, 1925.
Tire patches. R. C. Moore. 210,119; Mar. 9; Serial No. 189,166; published Dec. 15, 1925.
Tires and inner tubes, Vehicle. Brunswick Tire Corporation. 210,091; Mar. 9; Serial No. 222,496; published Dec. 22, 1925.
Tires and tubes, Automobile. Gryphon Rubber & Tire Corporation. 210,209; Mar. 9; Serial No. 220,302; published Dec. 22, 1925.
Tires, Rubber inner tubes for. Fisk Rubber Company. 210,052; Mar. 9; Serial No. 200,485; published May 5, 1925.

CLASS 36.

Accordions. C. Bruno. 52,878; renewed May 22, 1926.
Clarinets, saxophones, oboes, etc., and reeds for said instruments. Carl Fischer Inc. 210,075; Mar. 9; Serial No. 216,094; published Dec. 1, 1925.
Drums and the like, Skin heads of. Ludwig & Ludwig. 220,012; Mar. 9; Serial No. 219,461; published Dec. 8, 1925.
Phonograph records. Bell Record Corporation. 210,193; Mar. 9; Serial No. 221,161; published Dec. 1, 1925.
Phonographs. Brunswick-Balke-Collender Company. 210,178; Mar. 9; Serial No. 209,459; published Apr. 21, 1925.
Phonographs and talking machines. Bing Werke, vorm. Gebrüder Bing A. G. 210,155; Mar. 9; Serial No. 218,446; published Dec. 1, 1925.
Phonographs and talking machines, Sound records for. Sonora Phonograph Corporation. 210,112; Mar. 9; Serial No. 130,108; published May 25, 1920.
Violins, ukuleles, banjos, guitars, etc., and parts thereof. G. Bruno & Son, Inc. 210,157; Mar. 9; Serial No. 218,243; published Dec. 8, 1925.

CLASS 37.

Paper and envelopes. Hurlbut Stationery Company. 27,586; renewed Jan. 7, 1926.
Paper and mailing envelopes, Writing. White & Wyckoff Manufacturing Company. 210,031; Mar. 9; Serial No. 221,341; published Dec. 1, 1925.
Paper, Tracing. Keuffel & Esser Company. 210,200; Mar. 9.
Paper, Writing and note. Whiting Paper Company. 28,260; renewed May 19, 1926.
Papers, Note, writing, and other. Whiting Paper Company. 28,383; renewed June 16, 1926.

CLASS 39.

Bath robes and bath robings. Herzog & Kramer. 210,081; Mar. 9; Serial No. 222,747; published Dec. 22, 1925.
Bloomers. Weiner Brothers. 210,286; Mar. 9.
Boots and shoes. Muskin Shoe Company. 210,140; Mar. 9; Serial No. 205,215; published Dec. 15, 1925.
Boots and shoes, Leather. Craddock-Terry Company. 51,796; renewed Apr. 17, 1926.
Clothing. Franklin Simon & Co. 210,160; Mar. 9; Serial No. 217,507; published Dec. 15, 1925.
Coats, overcoats, raincoats, work vests, etc., Men's, boys', and women's. Western Leather Clothing Co. 210,295; Mar. 9.
Coats, Rainproof. L. E. Hess. 52,828; renewed May 22, 1926.
Coats, vests, trousers, rompers, bloomers, etc. J. Schoenman, Incorporated. 210,083–4; Mar. 9; Serial Nos. 222,709–10; published Dec. 22, 1925.
Corsets, corselettes, brassières, and bandeaux. I. Newman & Sons, Inc. 210,156; Mar. 9; Serial No. 218,426; published Oct. 27, 1925.
Dresses. Harmon Brothers Company. 210,060; Mar. 9; Serial No. 222,812; published Dec. 22, 1925.
Dresses and aprons. Korach Brothers. 210,162; Mar. 9; Serial No. 217,467; published Dec. 22, 1925.
Dresses, boys' suits, and creepers, Children's. L. Wohl & Co. 210,090; Mar. 9; Serial No. 222,533; published Dec. 15, 1925.
Dresses for children and misses. Noxall Manufacturing Company. 209,993; Mar. 9; Serial No. 221,711; published Dec. 15, 1925.
Garments, Fur. Schaefer Bros. & Samuels. 210,285; Mar. 9.
Gloves, socks, sweaters, half hose, and bathing suits, Knit. Adirondack Knit Goods Co. 210,244; Mar. 9; Serial No. 222,653; published Dec. 22, 1925.
Hats, caps, and fur garments. W. Wippert. 27,550; renewed Dec. 31, 1925.
Hats, Felt. H. McLachlan & Company. 210,158; Mar. 9; Serial No. 218,674; published Oct. 20, 1925.
Hats, Ladies'. Belmont Hats, Inc. 210,332; Mar. 9.
Hats, Ladies'. Muller & Raas Company. 210,331; Mar. 9.
Hats, Men's and boys'. Goldstein Bros. 210,306; Mar. 9.
Hats, Women's. J. N. Adam & Co. 210,061; Mar. 9; Serial No. 205,385; published July 28, 1925.
Heels, Rubber. United Shoe Machinery Corporation. 210,066; Mar. 9; Serial No. 222,643; published Dec. 22, 1925.
Hosiery. Bonwit Teller & Co. 210,001–2; Mar. 9; Serial Nos. 222,217–8; published Dec. 15, 1925.
Hosiery. Brown, Thomson & Company. 210,087; Mar. 9; Serial No. 222,596; published Dec. 15, 1925.
Hosiery. James P. Grey & Co. 210,303; Mar. 9.
Hosiery. McCallum Hosiery Co. 210,064; Mar. 9; Serial No. 209,738; published Dec. 15, 1925.
Hosiery. M. Siedenburg. 210,063; Mar. 9; Serial No. 205,561; published Mar. 24, 1925.
Hosiery and knitted underwear, Men's. Levi Strauss and Company. 210,194; Mar. 9; Serial No. 221,079; published Dec. 22, 1925.
Hosiery and similar knit goods. Ely & Walker Dry Goods Company. 27,062; renewed Jan. 21, 1926.
Hosiery and underwear, Knit. M. & C. Mayer. 49,908–9; renewed Feb. 20, 1926.
Jackets or coats, trousers, and vests. M. E. Greenfield Company. 210,301; Mar. 9.
Knickerbockers, Ladies' and misses'. Reliance Togs, Inc. 210,077; Mar. 9; Serial No. 222,942; published Dec. 22, 1925.
Neckties. H. F. Waters. 209,991; Mar. 9; Serial No. 221,597; published Dec. 22, 1925.
Overcoats and suits and ladies' coats and suits, Men's and boys'. F. Ippoliti. 210,296; Mar. 9.
Overcoats, wraps, suits, and trousers. Max B. Brummer & Son Inc. 210,017; Mar. 9; Serial No. 219,674; published Dec. 22, 1925.
Pants, knickers, office coats, etc., and men's, boys', and women's sport jackets. H. W. Carter & Sons. 210,307; Mar. 9.
Shirts and blouses. Elder Mfg. Co. 210,294; Mar. 9.
Shirts and mufflers, Men's. Breslin Shirt Co. 210,124; Mar. 9; Serial No. 198,561; published Jan. 27, 1925.
Shoes. California Seamless Shoe Company. 210,233; Mar. 9.
Shoes. London Shoe Co. 210,071; Mar. 9; Serial No. 214,967; published Aug. 18, 1925.
Shoes. Margolin Shoe Company. 210,145; Mar. 9; Serial No. 219,597; published Dec. 15, 1925.
Suits and trousers, Men's. Hart, Schaffner & Marx. 210,199; Mar. 9; Serial No. 220,530; published Dec. 15, 1925.
Suits, coats, dresses, scarfs, boas, etc., Women's and children's. E. T. Slattery Co. 210,010; Mar. 9; Serial No. 219,310; published Dec. 15, 1925.
Suits, Men's. Palmer Clothing Manufacturing Company. 210,092; Mar. 9; Serial No. 222,477; published Dec. 15, 1925.
Suits and blouses, Sport and golf. Kraus Mercantile Company. 210,289; Mar. 9.
Undergarments and brassières. Nile Undergarment Co. 210,030; Mar. 9; Serial No. 221,330; published Dec. 15, 1925.
Underwear. Bethlehem Textiles Co. 210,147; Mar. 9; Serial No. 219,163; published Dec. 22, 1925.
Underwear. Julius Kayser & Co. 210,089; Mar. 9; Serial No. 222,569; published Dec. 15, 1925.
Underwear, bloomers, drawers, and union suits, Children's. E. H. Horwood & Co. 210,290; Mar. 9.
Underwear, Knitted. W. T. Grant Company. 210,082; Mar. 9; Serial No. 222,743; published Dec. 22, 1925.
Union suits, vests, pants, and drawers of knitted fabric, Children's. Boston Knitting Mills, Inc. 210,316; Mar. 9.

CLASS 40.

Hatbands. Columbia Ribbon Co. 210,047; Mar. 9; Serial No. 220,761; published Nov. 24, 1925.

Hatbands. Owl Specialty Co. 210,046; Mar. 9; Serial No. 220,796; published Nov. 24, 1925.
Pins, Safety. De Long Hook and Eye Company. 210,329; Mar. 9.

CLASS 42.

Carpets. Philadelphia Carpet Company. 210,287; Mar. 9.
Cotton padding, table pads, and bed pads, Knitted. Knitted Padding Company. 210,076; Mar. 9; Serial No. 223,096; published Dec. 29, 1925.
Cotton piece goods. Bradford Dyers' Association, Limited. 210,121; Mar. 9; Serial No. 191,300; published Feb. 24, 1925.
Cotton piece goods. Catlin & Co. 50,169; renewed Mar. 6, 1926.
Cotton piece goods. Massachusetts Cotton Mills. 49,773; renewed Feb. 13, 1926.
Cotton piece goods. Massachusetts Cotton Mills. 49,829; renewed Feb. 20, 1926.
Cotton piece goods. Massachusetts Cotton Mills. 50,750–1; renewed Mar. 27, 1926.
Cotton piece goods. Pacolet Mfg. Co. 210,182; Mar. 9; Serial No. 214,335; published Dec. 15, 1925.
Cotton, silk, and linen and mixtures of the same piece goods. Jacob Miller's Sons Co. 210,095; Mar. 9; Serial No. 222,331; published Dec. 29, 1925.
Cotton, silk, and wool and combinations of the same piece goods. Hyman Bauman Co. 210,097; Mar. 9; Serial No. 222,256; published Dec. 29, 1925.
Jersey cloth, Fiber-silk. M. I. Halperin. 210,055; Mar. 9; Serial No. 203,121; published Jan. 20, 1925.
Kerseys and cassimeres. W. J. Dickey & Sons. 28,333; renewed June 2, 1926.
Padding, table pads, and bed pads, Knitted cotton. Knitted Padding Company. 210,127; Mar. 9; Serial No. 223,097; published Dec. 29, 1925.
Rugs and carpets, Textile. H. G. Fetterolf Company. 210,000; Mar. 9; Serial No. 222,111; published Dec. 22, 1925.
Sheets, pillowcases, bedspreads, bolster cases and shams, napkins, etc. A. S. Herrmann, Inc. 210,065; Mar. 9; Serial No. 211,529; published Dec. 22, 1925.
Silk fabrics. Golding Fabrics Corporation. 210,120; Mar. 9; Serial No. 189,974; published Feb. 10, 1925.
Silks in the piece. Jansen & Pretsfeld, Inc. 210,118; Mar. 9; Serial No. 187,218; published Feb. 3, 1925.
Textile blankets. Esmond Mills. 210,128–9; Mar. 9; Serial Nos. 223,222–3; published Dec. 29, 1925.
Textile fabrics, Worsted and woolen. Holden-Leonard Co. 210,130–1; Mar. 9; Serial Nos. 223,234–5; published Dec. 29, 1925.

CLASS 43.

Cotton, crochet cotton, and cotton thread, Darning. Clark Mile-End Spool Cotton Co. 54,324; renewed June 26, 1926.
Cotton thread. Clark Mile-End Spool Cotton Co. 49,298; renewed Jan. 30, 1926.
Cotton thread. Clark Mile-End Spool Cotton Co. 52,355; renewed May 8, 1926.
Cotton thread. Clark Mile-End Spool Cotton Co. 54,443; renewed June 26, 1926.
Repair outfit for mending stockings, etc. Pepperell Braiding Company. 210,029; Mar. 9; Serial No. 221,202; published Dec. 29, 1925.
Silk threads and yarns, Artificial. Tubize Artificial Silk Company of America. 201,134; Mar. 9; Serial No. 223,495; published Dec. 29, 1925.
Yarns. Marshall Field & Co. 209,998; Mar. 9; Serial No. 221,955; published Dec. 29, 1925.

CLASS 44.

Dental paraphernalia and materials. M. M. Kohn. 210,284; Mar. 9.
Teeth, Crown and vulcanite. H. D. Justi & Son. 210,259; Mar. 9; Serial No. 222,462; published Dec. 15, 1925.
Vulcanite teeth. H. D. Justi & Son. 210,258; Mar. 9; Serial No. 222,461; published Dec. 15, 1925.

CLASS 45.

Beverages and compounds for making the same. Citrus Products Company. 210,242; Mar. 9; Serial No. 222,497; published Dec. 22, 1925.
Beverages and syrups and extracts for making same. Hudson Valley Pure Food Company. 210,006; Mar. 9; Serial No. 222,255; published Dec. 22, 1925.
Beverages and syrups for making the same. John Graf Co. 210,133; Mar. 9; Serial No. 223,385; published Dec. 29, 1925.
Beverages sold as soft drinks and extracts and syrups for making the same. Michigan Drug Co. 209,996; Mar. 9; Serial No. 221,906; published Dec. 22, 1925.
Beverages sold as soft drinks and syrups for making same. S. D. Lefas. 210,299; Mar. 9.
Beverages sold as soft drinks and syrups for making the same. H. Kirsch & Co. 210,293; Mar. 9.
Beverages sold as soft drinks and syrups used in making the same. Mount Hood Mnfg. Co. 210,088; Mar. 9; Serial No. 222,570; published Dec. 29, 1925.
Ginger ale, root beer, etc. Golden Dome Bottling Co. 210,135; Mar. 9; Serial No. 223,436; published Dec. 29, 1925.
Ginger ale, sarsaparilla, root beer, and grape juice. American Stores Company. 210,044; Mar. 9; Serial No. 220,820; published Dec. 15, 1925.
Grape juice. H. P. Hillman. 210,003; Mar. 9; Serial No. 222,242; published Dec. 29, 1925.
Syrups used in the preparation of soft drinks. G. B. Raffetto, Inc. 210,220; Mar. 9; Serial No. 216,991; published Dec. 22, 1925.

CLASS 46.

Asparagus. A. L. Woodill. 210,321; Mar. 9.
Asparagus, Fresh. Wright Corporation. 210,073; Mar. 9; Serial No. 215,226; published Dec. 29, 1925.
Bacon, ham, cooked vinegar-pickled hearts, lard, etc. Geo. A. Hormel & Co. 210,056–7; Mar. 9; Serial Nos. 203,816–17; published Dec. 29, 1925.
Beverage. Maltop, Inc. 210,110; Mar. 9; Serial No. 218,709; published Dec. 15, 1925.
Butter, bread, ice cream, eggs, and canned fruit. Mutual Creamery Company. 209,995; Mar. 9; Serial No. 221,846; published Dec. 15, 1925.
Butterscotch candy. Roach Tisdale & Co. 210,035; Mar. 9; Serial No. 220,974; published Dec. 15, 1925.
Candy. Brecht Candy Company. 210,238; Mar. 9; Serial No. 222,006; published Dec. 22, 1925.
Candy. Chase Candy Company. 210,213; Mar. 9; Serial No. 204,894; published Apr. 14, 1925.
Candy. H. D. Foss & Co. 210,232; Mar. 9; Serial No. 221,484; published Dec. 22, 1925.
Candy. J. M. James. 210,313; Mar. 9.
Candy. Loomis-Woodward Company. 210,079; Mar. 9; Serial No. 222,854; published Dec. 29, 1925.
Candy, pure olive oil, cloves, mace, etc., Rock. Faxon & Gallagher Drug Co. 210,171; Mar. 9; Serial No. 194,698; published Dec. 15, 1925.
Canned chicken broth. E. K. Pond Company. 210,236; Mar. 9; Serial No. 221,637; published Dec. 22, 1925.
Canned fresh oysters. Publicity and Research Bureau. 210,108; Mar. 9; Serial No. 219,044; published Dec. 15, 1925.
Canned fruits. Charles Hewitt & Sons Company. 210,240; Mar. 9; Serial No. 222,120; published Dec. 22, 1925.
Canned fruits and vegetables. G. W. Hume Company. 210,305; Mar. 9.
Canned fruits and vegetables. Sutter Co-Operative Growers. 210,050; Mar. 9; Serial No. 220,689; published Dec. 15, 1925.
Canned fruits, vegetables, soups, etc. Arkansas Grocer Co. 210,326; Mar. 9.
Canned goods, fruit preserves, cheese, etc. Reid, Murdoch & Co. 210,116; Mar. 9; Serial No. 180,943; published Sept. 16, 1924.
Canned goods, marmalades, coffee, tea, etc. Frank C. Weber & Company. 210,139; Mar. 9; Serial No. 200,128; published Apr. 7, 1925.
Canned or preserved fruits and vegetables. C. W. Baker & Sons. 48,978; renewed Jan. 16, 1926.
Canned peas and corn. Lancaster Canning Company. 210,322; Mar. 9.
Canned salmon. Emel Packing Company. 210,132; Mar. 9; Serial No. 223,378; published Dec. 29, 1925.
Canned salmon. Pacific Sea Foods Co. 210,212; Mar. 9; Serial No. 204,783; published May 12, 1925.
Canned stringless beans, Keiffer pears, and corn. American Stores Company. 210,229; Mar. 9; Serial No. 220,836; published Dec. 22, 1925.
Canned tomatoes. Consumers Profit Company. 210,105; Mar. 5; Serial No. 219,528; published Dec. 15, 1925.
Canned vegetables. R. Nelson. 210,106–7; Mar. 9; Serial Nos. 220,660–70; published Dec. 15, 1925.
Catchup, Tabasco and tomato. Joseph Campbell Company. 50,289; renewed Mar. 6, 1926.
Cheese. Phenix Cheese Corporation. 210,036; Mar. 9; Serial No. 220,917; published Dec. 15, 1925.
Chocolate. Lamont, Corliss & Company. 209,994; Mar. 9; Serial No. 221,840; published Dec. 22, 1925.
Cocoa, canned corn, peas, and tomatoes, rolled oats, coffee, evaporated milk, etc. Davies-Strause-Stauffer Company. 210,032; Mar. 9; Serial No. 221,353; published Dec. 15, 1925.
Coffee. L. H. Parke Company. 210,196; Mar. 9; Serial No. 221,025; published Dec. 29, 1925.
Coffee. Scoville, Brown & Company. 210,172; Mar. 9; Serial No. 202,557; published Dec. 15, 1925.
Coffee. Young & Griffin Coffee Co. 210,013; Mar. 9; Serial No. 219,510; published Dec. 22, 1925.
Coffee, paprika, celery salt, crab-apple jelly, peanut butter, canned cherries, etc. American Stores Company. 210,043; Mar. 9; Serial No. 220,825; published Dec. 15, 1925.
Coffee, spices, and extracts. Weathersby-Brunner Co. 210,106; Mar. 9; Serial No. 219,464; published Dec. 15, 1925.
Cookies, crackers, cakes, and biscuits. Johnson Educator Food Co. 210,138; Mar. 9; Serial No. 141,578; published May 31, 1921.
Feed and dairy ration, Scratch. George Q. Moon & Company. 210,109; Mar. 9; Serial No. 218,863; published Dec. 15, 1925.
Feed, Duck. Tioga Mill & Elevator Co. 210,108; Mar. 9; Serial No. 220,582; published Dec. 15, 1925.
Feed, Mineral. Moorman Mfg. Co. 210,037; Mar. 9; Serial No. 220,908; published Dec. 15, 1925.

Feed, Stock. A. E. Staley Manufacturing Company. 210,103; Mar. 9; Serial No. 219,856; published Dec. 15, 1925.
Flavoring extracts and tomato catchup. American Stores Company. 210,041; Mar. 9; Serial No. 220,835; published Dec. 15, 1925.
Flour, horse feed, dairy feed, etc., Buckwheat, wheat, and corn. J. B. Howell. 210,185; Mar. 9; Serial No. 215,789; published Dec. 15, 1925.
Flour, Prepared. Simmons and Hammond Manufacturing Company. 210,176; Mar. 9; Serial No. 204,936; published Dec. 15, 1925.
Flour, Wheat. Bay State Milling Company. 53,160; renewed May 29, 1925.
Flour, Wheat. Stoddard Mill & Grain Company. 210,266; Mar. 9; Serial No. 221,516; published Dec. 15, 1925.
Fruit, Dried. California Prune & Apricot Growers Association. 210,226; Mar. 9; Serial No. 220,273; published Dec. 22, 1925.
Fruits, Preserved. Industria Marmellate e Conserve Alimentari. 210,059–60; Mar. 9; Serial Nos. 205,121–2; published Dec. 29, 1925.
Gelatin. Michigan Carbon Works. 27,953; renewed Mar. 17, 1926.
Hams, bacon, lard, sausage, and feeding tankage. American Packing Company. 210,187; Mar. 9; Serial No. 217,061; published Dec. 15, 1925.
Milk, cream, and cheese. New York Condensed Milk Co. 27,775; renewed Feb. 11, 1926.
Mustard, raspberry jelly, pectin jelly. American Stores Company. 210,042; Mar. 9; Serial No. 220,834; published Dec. 15, 1925.
Oil, Olive. A. F. Beckmann & Company. 210,113; Mar. 9; Serial No. 171,567; published Dec. 29, 1925.
Oranges, lemons, and grapefruit. C. D. Hubbard Fruit Co. 210,004; Mar. 9; Serial No. 222,248; published Dec. 29, 1925.
Oranges, lemons, and grapefruit. C. D. Hubbard Fruit Co. 210,005; Mar. 9; Serial No. 222,252; published Dec. 29, 1925.
Oranges, lemons, and grapefruit. C. B. Hubbard Fruit Co. 210,324; Mar. 9.
Oranges, lemons, cantaloupes, lettuce, etc. Osborne Fruit & Vegetable Co. 210,315; Mar. 9.
Oranges, lemons, grapefruit. Escondido Fruit Growers Association. 210,292; Mar. 9.
Pickles. Squire Dingee Company. 210,183; Mar. 9; Serial No. 215,391; published Dec. 15, 1925.
Potatoes, Fresh. P. T. Cheerco. 210,014; Mar. 9; Serial No. 219,577; published Dec. 29, 1925.
Potatoes, Shoe-string or French fried. Colorado Potato Flake and Manufacturing Company. 210,217; Mar. 9; Serial No. 212,676; published Dec. 22, 1925.
Preserved fruits, jams and jellies, dried fruits, nuts, fresh fruits, and vegetables. C. M. Raymond. 210,223; Mar. 9; Serial No. 219,349; published Nov. 17, 1925.
Salad dressing. A. G. Browne. 210,039; Mar. 9; Serial No. 220,884; published Dec. 15, 1925.
Sauce and salad dressing, Chili and tabasco. Joseph Campbell Company. 50,240; renewed Mar. 6, 1926.
Tea and coffee. Smith, Perkins & Co. 210,214; Mar. 9; Serial No. 205,370; published June 23, 1925.

CLASS 48.

Malt extracts. Reliance Malt Products Co. 210,231; Mar. 9; Serial No. 221,279; published Dec. 22, 1925.

CLASS 49.

Gin. National Distilling Co. 48,013; renewed Dec. 5, 1925.
Gin. National Distilling Co. 49,018; renewed Jan. 23, 1926.
Whisky. National Distilling Co. 48,348; renewed Dec. 26, 1925.

CLASS 50.

Bottle caps. Oswego Falls Corporation. 210,325; Mar. 9.
Ladders. Bent Rung Ladder and Manufacturing Company. 210,304; Mar. 9.

ALPHABETICAL LIST OF LABELS.

A Refined Form of Washing Soda. For Washing Soda. The Buckeye Soda Products Company. 30,036; Mar. 9.
'Airtite'. For Gaskets. E. J. Wirfs. 30,067; Mar. 9.
Assorted Nut Chocolates. For Candy. Norris, Incorporated. 30,057; Mar. 9.
Beech-Nut Mints. For Beech-Nut Mints. Beech-Nut Packing Company. 30,024; Mar. 9.
Cham-Kānā Shampoo. For a Shampoo Preparation. Du-Kana, Inc. 30,040; Mar. 9.
Dependable Hand-Made Shading. For Window-Shade Cloth. Illinois Shade Cloth Corporation. 30,048; Mar. 9.
Design 301. For Ice Cream. Bloomer Bros. Company. 30,025; Mar. 9.
Design 302. For Ice Cream. Bloomer Bros. Company. 30,034; Mar. 9.
Design #303. For Ice Cream. Bloomer Bros. Company. 30,033; Mar. 9.
Design 304. For Ice Cream. Bloomer Bros. Company. 30,032; Mar. 9.
Design 305. For Ice Cream. Bloomer Bros. Company. 30,031; Mar. 9.
Design #501. For Ice Cream. Bloomer Bros. Company. 30,026; Mar. 9.
Design 502. For Ice Cream. Bloomer Bros. Company. 30,030; Mar. 9.
Design 503. For Ice Cream. Bloomer Bros. Company. 30,029; Mar. 9.
Design 504. For Ice Cream. Bloomer Bros. Company. 30,028; Mar. 9.
Design 505. For Ice Cream. Bloomer Bros. Company. 30,027; Mar. 9.
Fairy Wand. For Candy. Chas. Weinhagen & Co. 30,066; Mar. 9.
Ferroxanti Boiler and Metal Protector. For Ferroxanti. Ferroxanti World Syndicate Inc. 30,043; Mar. 9.
Frisch Process. For Bread. E. Frisch. 30,044–5; Mar. 9.
Gibson Cleaning Compound. For Cleaning Compound. A. Gibson. 30,046; Mar. 9.
Hills Honey & Tar. For a Medicine for Coughs and Colds. L. E. Cash. 30,037; Mar. 9.
Hugtite Concealed Nail Moulding. For Molding. Woodward & Cochey Mfg. Co. 30,068; Mar. 9.
Isle Royale Creamery Butter. For Butter. Sutherland Paper Company. 30,065; Mar. 9.
Keystone Radio Cabinet Polish. For Polish. G. W. Comstock. 30,038; Mar. 9.
La Hoya De Luxe. For Cigars. Moehle Lithographic Company. 30,052; Mar. 9.
La Picanta. For Cigars. Moehle Lithographic Company. 30,055; Mar. 9.
La Risa. For Cigars. Moehle Lithographic Company. 30,053; Mar. 9.
La Rivera. For Cigars. R. Rivera. 30,061; Mar. 9.
Listo. For Listo Sanitary Napkins. D. G. Scott. 30,062; Mar. 9.
Maid O'Clover. For Ice Cream. Mutual Creamery Company. 30,056; Mar. 9.
Marta Garcia. For Cigars. Moehle Lithographic Company. 30,054; Mar. 9.
Marvel. For Rug and Carpet Cleaner and Color Restorer. J. N. Greathouse. 30,047; Mar. 9.
Meat Food Product. For Meat Products. J. Braufman. 30,035; Mar. 9.
Oil Sealed. For Eggs Which Have Been Processed to Keep Them Fresh. Kasser Egg Process Co. 30,049; Mar. 9.
Page's Skyn Tonac. For an Antiseptic. J. G. Page. 30,058; Mar. 9.
Paramount. For Face Lotion. A. E. Axtell. 30,023; Mar. 9.
Pat for Indigestion. For a Medicine for Indigestion. M. Shenker. 30,064; Mar. 9.
Pedox. For Shoe and Foot Accessories. Pedox Produx, Inc. 30,059; Mar. 9.
Planters Peanut Jumbo Block. For Candy Bar. Planters Nut & Chocolate Co. 30,060; Mar. 9.
Radient. For Corn Remover. E. R. Coryell. 30,039; Mar. 9.
Ritz-Y Bar. For Chocolate Covered Candy Bars. E. M. Ernst. 30,042; Mar. 9.
Sanitary Sealed. For Eggs Which Have Been Processed to Keep Them Fresh. Kasser Egg Process Co. 30,050; Mar. 9.
Tanjora. For Marmalade. J. E. See. 30,063; Mar. 9.
Three Star Tapestry Embroidery Silk. For Embroidery Silk. Herman Elsbach & Sons. 30,041; Mar. 9.
Un X Ld. For Butter. Menasha Printing and Carton Company. 30,051; Mar. 9.

ALPHABETICAL LIST OF PRINTS.

'A Friend In-Deed.' For Shopping Bags. Deubener's Shopping Bag. 8,625; Mar. 9.
Beech-Nut Lemon Fruit Drops. For Beech-Nut Lemon Fruit Drops. Beech-Nut Packing Company. 8,619; Mar. 9.
Beech-Nut Lime Fruit Drops. For Beech-Nut Lime Fruit Drops. Beech-Nut Packing Company. 8,621; Mar. 9.
Beech-Nut 'Mints' Peppermint. For Beech-Nut 'Mints' Peppermint. Beech-Nut Packing Company. 8,624; Mar. 9.
Beech-Nut 'Mints' Spearmint. For Beech-Nut 'Mints' Spearmint. Beech-Nut Packing Company. 8,622; Mar. 9.
Beech-Nut 'Mints' Wintergreen. For Beech-Nut 'Mints' Wintergreen. Beech-Nut Packing Company. 8,623; Mar. 9.
Beech-Nut Orange Fruit Drops. For Beech-Nut Orange Fruit Drops. Beech-Nut Packing Company. 8,620; Mar. 9.
From The Heart of The Hills to You Powhatan. For Coal. Powhatan Mining Company. 8,627; Mar. 9.
Happy Home Of Baby Chicks. For Baby Chicks and Poultry. W. A. Weber. 8,638; Mar. 9.
Ice Cream—A Perfect Food. For Ice Cream. H. J. Ward. 8,632; Mar. 9.
Lubrol—The Oil With The Better Body. For Oil. Street & Finney, Inc. 8,631; Mar. 9.
Our fine fresh Saltwater Oysters are packaged for you in Sealright Liquid-Tight Paper Containers. For Paper Containers. Sealright Co. 8,629; Mar. 9.
Palm Beach Vanity. For Vanity Boxes. Napier Co. 8,626; Mar. 9.
Sealright Liquid-Tight Paper Containers. For Paper Containers. Sealright Co. 8,628; Mar. 9.
Sealright Liquid-Tight Paper Containers. For Paper Containers. Sealright Co. 8,630; Mar. 9.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal. Indian Head Coal Sales Company. 224,606; Mar. 9.
Coal. New Pittsburgh Coal Company. 222,864; Mar. 9.
Coal. S. J. Patterson Company. 225,238; Mar. 9.
Coal. Clyde E. Speer Coal Company. 224,883; Mar. 9.
Coal. Three Point Coal Company and Ellis Knob Coal Company. 224,481; Mar. 9.
Seed Mixtures, Field and lawn. Atlantic Seed Company. 225,462–3; Mar. 9.

CLASS 2.

Baths, Bird. A. Byers. 225,644; Mar. 9.
Boxes, cartons, containers, Pasteboard, cardboard. Sefton Manufacturing Corporation. 217,641–2; Mar. 9.
Receptacles for dispensing cream, milk, ice cream, and the like, Paper. Angel International Corporation. 225,582; Mar. 9.

CLASS 3.

Hatboxes, suitcases, and traveling bags. S. Lacher. 225,229; Mar. 9.

CLASS 4.

Cleaners, Hand. J. B. Williams Company. 225,498; Mar. 9.
Liquid preparation for preserving leather. Terry Sales and Manufacturing Company. 223,751; Mar. 9.
Polish and leather cleaner, Shoe. North American Anolin Corporation. 225,519; Mar. 9.
Polish, Shoe. It Shoe Polish Co. 226,248; Mar. 9.
Polishes. E. I. du Pont de Nemours and Company. 214,468; Mar. 9.
Polishing preparation for metals. Alsamo Manufacturing Co. 226,273; Mar. 9.
Powder, Dental. Vernoy Chemical Company. 217,148; Mar. 9.
Soap. Armand Company. 226,122; Mar. 9.
Soap. Fischer Soap and Oil Company. 224,963–4; Mar. 9.
Soap. Huntington Laboratories, Inc. 225,194; Mar. 9.
Soap product, Hand. Welco Products, Inc. 224,685; Mar. 9.
Soap, Toilet. L. Don. 222,733; Mar. 9.
Soap, Toilet and shaving. Karlsruher Parfumerie- & Toilettenseifen-Fabrik, F. Wolff & Sohn, Gesellschaft mit beschränkter Haftung. 226,217–18; Mar. 9.
Soaps, cleaning, scouring, and polishing wads, pads, etc. Virilio Manufacturing Company. 204,083; Mar. 9.

CLASS 5.

Adhesives. Arabol M'F'G Co. 214,389; Mar. 9.
Cement, Gasket and radiator. John T. Stanley Co. 221,784; Mar. 9.

CLASS 6.

Acids, Battery and sulphuric. Smith Agricultural Chemical Company. 225,851; Mar. 9.
Hair lotion. B. Guilpin. 223,640; Mar. 9.
Laxative. Louis Philippe, Inc. 226,018; Mar. 9.
Medical preparation. E. Bilhuber, Inc. 225,761; Mar. 9.
Medicines and plasters. Dr. A. Nachmann Chem. U. Pharm G. m. b. H. 223,185; Mar. 9.
Perfumes. Lionel Trading Co. 217,225; Mar. 9.
Perfumes. M. Manning. 187,010; Mar. 9.
Polishes, perfumes, face creams, etc., Nail. Le Jolie Main, Inc. 226,009; Mar. 9.
Powder, Tooth. Novodent Chemical Co. 225,236; Mar. 9.
Powders, skin lotions, toilet waters, etc., Face. E. Beecham. 225,252; Mar. 9.
Preparation to set dye in fabrics. N. M. Crouch. 225,351; Mar. 9.
Preparations, Pharmaceutical. R. Corbett. 225,772; Mar. 9.
Salts, Bath. Parfumerie St. Denis. 217,480; Mar. 9.
Salve, Pile. Van Vleet-Mansfield Drug Co. 225,331; Mar. 9.
Soda, Washing. Buckeye Soda Products Company. 217,131; Mar. 9.
Tablets and liquid preparation for headaches, mental fatigue, etc., Effervescent. G. W. Tolbin. 221,934; Mar. 9.
Tablets, Poultry. Dr. Falk Stock Remedy Co. 223,908; Mar. 9.
Tonic, Hair. J. A. McCormack. 224,716. Mar. 9.
Tonic, Hair. J. Zajac. 225,946; Mar. 9.
Tonic, Scalp. P. Colla. 225,951; Mar. 9.
Zirconium and titanium compounds. Titanium Alloy Manufacturing Company. 223,610; Mar. 9.

CLASS 8.

Pipes, Tobacco. Delacour & Lewis Corporation. 226,049; Mar. 9.

CLASS 9.

Ammunition. Remington Arms Company. 204,569; Mar. 9.
Matches. Lion Match Co. 225,613; Mar. 9.
Matches. Lion Match Co. 225,615; Mar. 9.

CLASS 10.

Fertilizer. Nitrate Agencies Company. 222,274; Mar. 9.

CLASS 12.

Brick, Face and common. Des Moines Clay Company. 225,402; Mar. 9.
Bricks, slabs, blocks, and partitions. Matz Building Products Corporation. 225,437; Mar. 9.
Building blocks, bricks, and building tile made of concrete. W. E. Dunn. 225,223; Mar. 9.
Lumber. Weitzel Flooring Corporation. 225,334–5; Mar. 9.
Plaster, Sound-absorbing. Keasbey & Mattison Company. 224,917; Mar. 9.
Plastic wall covering, wall plaster, and finishing plaster. United States Gypsum Company. 225,206; Mar. 9.
Roofing tiles. Hawthorne Roofing Tile Company. 224,459; Mar. 9.
Stucco, composition flooring, magnesia flooring, etc. Franklyn R. Muller, Inc. 201,971; Mar. 9.

CLASS 13.

Boilers, Egg. W. L. Deming. 225,651; Mar. 9.
Chains. Washburn Company. 197,639; Mar. 9.
Metal curtain rods, drapery hardware, and window-shade hardware. Kenney Manufacturing Company. 225,664; Mar. 9.
Metal parts for desks and other desk parts. Clemetsen Company. 225,078; Mar. 9.
Metallic fitting for securing of brooms, brushes, and similar articles. M. E. M. Trannoy. 225,581; Mar. 9.
Valves, relief valves, fittings for fluid-containing tanks, etc. Sands Manufacturing Company. 224,728; Mar. 9.

CLASS 14.

Castings, bearing metals, and alloys, Brass, Bronze, and aluminum. D. & E. Metals Co. 225,650; Mar. 9.
Castings, Malleable-iron. Erie Malleable Iron Company. 226,482; Mar. 9.
Steel, Alloy bar. Horace T. Potts & Co. 225,974–5; Mar. 9.

Steel blocks, disks, bars, and forgings. J. Uhlein. 214,934; Mar. 9.
Steel sheets. Horace T. Potts & Co. 225,976; Mar. 9.
Steel, Tool. Horace T. Potts & Co. 225,971–2; Mar. 9.

CLASS 15.

Bensines, gasolines, naphthas, kerosenes, etc. Atlantic Refining Company. 224,645–6; Mar. 9.
Gasoline. Mason City Oil & Grease Company. 225,791; Mar. 9.
Gasoline. Richardson Lubricating Company. 210,754–5; Mar. 9.
Oil, Lubricating. James McCord Company. 225,662; Mar. 9.
Oils and greases, Lubricating. Hancock Refining Co. 224,020; Mar. 9.

CLASS 16.

Paint. L. F. Edwards. 204,356; Mar. 9.
Paint or surfacing material, Paste. Valentine & Company. 226,580; Mar. 9.
Polish and cleaner. Namello Products. 224,923; Mar. 9.
Polish for automobiles, furniture, etc., Liquid. W. A. Marshall. 224,467; Mar. 9.
Polish, Furniture. E. Wilke. 225,631; Mar. 9.
Varnishes. Buckeye Paint & Varnish Co. 191,997; Mar. 9.

CLASS 17.

Cigarettes. P. J. Livadary. 212,090; Mar. 9.
Cigars. Jno. H. Swisher & Son. 225,816; Mar. 9.

CLASS 19.

Bicycle saddles, foot pedals, vehicle springs, brakes, rear-vision mirrors. Compagnie Industrielle et Commerciale du Cycle et de l'Automobile. 219,940–4; Mar. 9.
Shades for automobile headlights, Metallic dimmer. A. Chipka. 224,236; Mar. 9.
Shock absorbers. Burwell Corporation. 225,466; Mar. 9.
Trucks, Motor. Selden Truck Corporation. 225,286–7; Mar. 9.

CLASS 22.

Game device, Educational spelling. Eastern Hair Net Trading Co. 219,732; Mar. 9.
Golf clubs. C. S. Butchart. 223,999; Mar. 9.
Toy ranges and cooking utensils. Grey Iron Casting Company. 213,374; Mar. 9.
Toys, Structural. Hart & Cooley Company. 224,818; Mar. 9.

CLASS 23.

Boring heads, gear cutters, hollow mills, etc. O. K. Tool Company. 206,915; Mar. 9.
Expanders, tube and flue cutters, etc., Tube and flue. G. Wiedeke Co. 209,691; Mar. 9.

CLASS 26.

Indicators, Internal-combustion-motor beat. Pierce-Arrow Motor Car Company. 226,438; Mar. 9.
Levels, Spirit. Sand's Level & Tool Co. 222,947–8; Mar. 9.
Ophthalmic and other optical lenses and lens blanks, eyeglass frames, etc. Continental Optical Corporation. 224,957; Mar. 9.
Ophthalmic and other optical lenses and lens blanks, eyeglass frames, etc. Continental Optical Corporation. 225,175; Mar. 9.
Projecting machines for still and motion pictures and reading matter. Citron & Greenfield. 224,321; Mar. 9.
Thermocouple incasing tubes. Brown Instrument Company. 223,364; Mar. 9.

CLASS 27.

Clocks. E. Ingraham Company. 220,070; Mar. 9.

CLASS 29.

Paintbrush. Pittsburgh Plate Glass Company. 222,878; Mar. 9.

CLASS 30.

Chinaware. J. R. Kittler. 223,528; Mar. 9.

CLASS 31.

Filters and refrigerators. Arlington Refrigerator Co. 224,444; Mar. 9.
Refrigerators and filters. Arlington Refrigerator Co. 224,446–7; Mar. 9.

CLASS 32.

Beds. Southern Spring Bed Company. 226,380; Mar. 9.
Cabinets or closets for housing clothing, Metal-sheathed. Hasbelite Manufacturing Corporation. 226,356; Mar. 9.

CLASS 33.

Glass bottles. Taylor-Long Company. 224,303; Mar. 9.
Lamp glasses and globes. Macbeth-Evans Glass Company. 223,130–1; Mar. 9.

CLASS 34.

Burners, Petroleum-oil. Petroleum Heat & Power Co. 225,469; Mar. 9.
Radiators. G. P. Schmitt. 179,745; Mar. 9.

CLASS 35.

Belting, Leather. Detroit Oak Belting Company. 226,541; Mar. 9.
Tire patches. T. P. Field. 226,190; Mar. 9.
Tire patches. Ride-Em Patch Co. 226,303; Mar. 9.
Tires and inner tubes therefor, Vehicle. Racine Horseshoe Tire Company. 226,021; Mar. 9.
Tires, Repair patches for pneumatic. Fisk Rubber Company. 217,396; Mar. 9.

CLASS 36.

Phonographs, pianos, violins, etc. H. Kiichenmeister. 200,993; Mar. 9.

CLASS 37.

Binders or files and hand punching devices. Modern Office Devices, Inc. 219,754; Mar. 9.
Book covers, Telephone. C. A. Crane. 226,478; Mar. 9.
Book papers. Kimberly-Clark Company. 225,929; Mar. 9.
Cards, Sample-display. H. L. Kalish. 226,428; Mar. 9.
Crayons, Wax and chalk. Standard Crayon Manufacturing Co. 216,364; Mar. 9.
Lead pencils. General Pencil Company. 222,503; Mar. 9.
Loose-leaf form, Record equipment in. Brooks Company. 221,943; Mar. 9.
Memorandum books, diaries, calendar pads, and calendar sheets. Bankers Printing Company. 225,991; Mar. 9.
Paper, lead pencils, blank books, etc., Printing, writing, and ledger. J. Dieux. 224,748; Mar. 9.
Paper, Raisin-tray. Crown Willamette Paper Company. 217,134; Mar. 9.
Paper, Raisin-tray. Crown Willamette Paper Company. 219,730; Mar. 9.
Paper, Toilet. Paper Service Co. 222,758; Mar. 9.
Paper, tracing paper, tissue paper, etc., Thin and thick drawing. Zürcher Papierfabrik an der Sihl (Zurich Paper Mill on Sihl). 214,196; Mar. 9.
Paper, Wall. Baeck Wall Paper Co. 226,466; Mar. 9.
Paper, Wall. Robert Griffin Company. 225,319; Mar. 9.
Paper, Wall. Janeway & Carpender, Inc. 225,010; Mar. 9.
Paper, Wall. National Cloak & Suit Co. 224,924; Mar. 9.
Paper, Wrapping. Crown Willamette Paper Company. 224,180; Mar. 9.
Paper, Wrapping. Westfield River Paper Company. 225,390; Mar. 9.
Paper, Writing. Byron Weston Company. 226,227; Mar. 9.
Paper, Writing. Byron Weston Company. 226,472; Mar. 9.
Paper, Writing. Byron Weston Company. 226,537; Mar. 9.

CLASS 38.

Books, pamphlets, and circulars, Printed. American Federation of Labor. 225,537; Mar. 9.
Charts and booklets. G. G. Beckhardt. 217,537; Mar. 9.
Folders, Cloth-identification. Watch Dog Identification Devices. 217,972; Mar. 9.
Labels and tags. Willson Spielmann Label Co. 218,229; Mar. 9.
Lesson sheets, pamphlets, and booklets. C. Lewis. 219,076; Mar. 9.
Magazine, Name and title of a monthly. W. W. Hubbard. 223,242; Mar. 9.
Magazines and magazine articles, Periodical. H. S. Chapin. 225,400; Mar. 9.
Magazines, Monthly. E. R. Kauffman. 221,902; Mar. 9.
Newspaper articles. New England Newspaper Publishing Company. 225,571; Mar. 9.
Periodical, Monthly. Progressive Merchants Bureau. 219,260; Mar. 9.
Periodical published monthly. Chilton Class Journal Company. 224,807; Mar. 9.
Publication, Monthly printed. American Wholesale Grocers' Association. 219,103; Mar. 9.
Signs, Display. Young & McCallister, Inc. 219,020; Mar. 9.

CLASS 39.

Arctics. Associated Merchandising Corporation. 226,276; Mar. 9.
Boots and shoes. International Shoe Company. 224,503; Mar. 9.
Boots, shoes, and slippers. Scholl Manufacturing Company. 206,086; Mar. 9.
Caps, Men's and boys'. A. D. Feldstein. 225,508; Mar. 9.
Corsets, brassières, and corset waists and underwear. Ferris Bros. Co. 222,772; Mar. 9.
Corsets, brassières, girdles, etc. American Lady Corset Co. 226,084; Mar. 9.
Dresses, coats, hats, etc., Women's. George Wyman & Co. 224,515; Mar. 9.
Gloves. O. C. Hansen Manufacturing Company. 225,713; Mar. 9.
Hats, Trimmed. Lyon Bros. Millinery Company. 212,689; Mar. 9.
Hats, Women's. M. E. Heinrich. 223,579; Mar. 9.
Hats, Women's and children's. S. Schneider. 222,343; Mar. 9.
Neckties and scarfs. Knitted. E. Glick. 224,817; Mar. 9.

Overalls, jackets, play suits, and youths' overalls and jackets. Shelbyville Overall Company. 220,256; Mar. 9.
Pyjamas and nightgowns, Knitted. Oak Knitting Company. 207,627; Mar. 9.
Shoes, Leather. Wausau Shoe Mfg. Co. 210,517; Mar. 9.
Shoes, slippers, pumps, and low quarters, Ladies' and misses'. Wolff-Tober Shoe Mftg. Co. 225,212; Mar. 9.
Suits, overcoats, trousers, hosiery, etc., Men's business. D'Andrea Brothers, Inc. 224,655; Mar. 9.
Underwear, coats, pyjamas, and nightgowns, Knitted. Oak Knitting Company. 207,626; Mar. 9.

CLASS 40.

Braids, Silk, cotton, and fabric. Priscilla Braid Company. 224,930; Mar. 9.

CLASS 42.

Blanket, Sleeping. B. B. Tucker. 224,846; Mar. 9.
Cotton piece goods. Syndicate Trading Co. 225,326; Mar. 9.
Cotton suiting in the piece. Ely & Walker Dry Goods Company. 208,969; Mar. 9.
Crêpe in the piece made of silk only, Sheer. Duplex Silk Mills, Inc. 225,083; Mar. 9.
Fabrics. John B. Ellison & Sons. 214,788; Mar. 9.
Fabrics. John B. Ellison & Sons. 216,890–1; Mar. 9.
Fabrics. John B. Ellison & Sons. 216,893–5; Mar. 9.
Fabrics. John B. Ellison & Sons. 216,968; Mar. 9.
Fabrics in the piece, Pile. Sidney Blumenthal & Co. 225,548; Mar. 9.
Goods and novelties, Fancy. Miller & Goldsmith. 222,390; Mar. 9.
Handkerchiefs. A. S. Phillips. 225,032; Mar. 9.
Knitted, woven, and embroidered fabrics in the piece. Robinson & Golluber. 223,668; Mar. 9.
Rugs, Textile. Breslin Bros. Co. 224,742; Mar. 9.
Silk, artificial silk, cotton, or combination in the piece. Ullman-Levinthal Silks Corporation. 224,790; Mar. 9.
Wool cloth. S. Stroock & Co. 211,389; Mar. 9.
Worsted and woolen dress goods. F. A. Bochmann & Co., Inc. 225,640; Mar. 9.

CLASS 43.

Thread, knitting wool, and artificial threads, Cotton. Gudebrod Bros. Silk Co. 221,177; Mar. 9.
Yarns. Duplan Silk Corporation. 226,346; Mar. 9.

CLASS 44.

Absorbent material of fibrous character and in sheet form. E. B. Thomas. 224,998; Mar. 9.
Arch supports. Ohio Truss Company. 210,683; Mar. 9.
Atomizers, Perfume. Lorna Manufacturing Co. 225,124; Mar. 9.
Bandages. Johnson & Johnson. 225,882; Mar. 9.
Electromechanical device. Audition Corporation. 225,251; Mar. 9.
Lamps, Therapeutic. Frank S. Betz Company. 225,160; Mar. 9.
Therapeutic apparatus, Electrical. E. R. V. Corporation. 221,245; Mar. 9.
Water bottles, ice caps, ice bags, etc., Rubber. S. B. Bonis. 223,500; Mar. 9.

CLASS 45.

Beverages and the sirups for making the same, Non-alcoholic, maltless, carbonated. Taylor-Long Company. 224,304; Mar. 9.
Beverages composed of fruit juices and carbonated water. A. F. Armstrong. 224,643; Mar. 9.
Beverages, etc., Grape, peach, lemon, etc, flavored. J. C. Mayfield. 192,919; Mar. 9.
Beverages sold as soft drinks. J. Skie. 224,679; Mar. 9.
Beverages sold as soft drinks and sirups and extracts for making the same. General Bottling & Distributing Co. 222,838; Mar 9.
Drinks, Flavorings and colorings for. J. F. Lazier Manufacturing Co. 208,351; Mar. 9.
Marmalade, Orange. Mrs. E. J. Weed 224,999; Mar. 9.

CLASS 46.

Alfalfa meal. Denver Alfalfa Milling & Products Co. 225,222; Mar. 9.
Apples and pears, Fresh. E. A Bannister. 214,580; Mar. 9.
Apples as a natural edible fruit. H. Button. 225,587; Mar. 9.
Apples, cantaloupes, peaches, and lettuce, Fresh. Boysen Fruit Company. 223,997; Mar. 9.
Artichokes, Hearts of fresh. Davenport Canning Co. 219,111; Mar 9.
Bread. Carolina Baking Company. 218,793; Mar. 9.
Bread. Power City Baking Company. 225,316; Mar. 9.
Butter. G. H. Kothlow 224,142; Mar. 9.
Butter. P. A. Schulze. 212,508; Mar. 9.
Cake. Carolina Baking Company. 218,792; Mar 9.
Cakes. Kline Kandies, Inc. 224,871; Mar. 9.
Candies. William McMurray and Company. 201,249; Mar. 9.
Candies, Cream. Kibbe Brothers Company. 221,621; Mar. 9.
Candy. American Licorice Company. 223,831; Mar. 9.
Candy Pie-Jar Products Co. 226,301; Mar. 9.
Candy. Powell's. 224,722; Mar. 9.
Candy and chewing gum. C. H. Flint. 224,908; Mar. 9.
Canned fish. Alaska-Portland Packers Ass'n. 221,043; Mar. 9.
Canned fish. Franco-Italian Packing Co. 221,105; Mar. 9.
Canned fruits, vegetables, and berries. Fennville Canning Co. 221,247; Mar. 9.
Canned fruits, vegetables, and fish, fruit preserves, peanut butter, etc. Durand-McNeil-Horner Co. 191,818; Mar. 9.
Canned salmon. Alaska Consolidated Canneries, Inc. 217,318; Mar. 9.
Canned, smoked, salted, and fresh sea foods. General Seafoods Corporation. 225,117; Mar. 9.
Cheese. Davis Bros. Cheese Co. 216,325; Mar. 9.
Chocolates molded in fancy shapes, Eating. Geo. Haas & Sons. 183,337; Mar. 9.
Coffee. Jas. H. Forbes Tea & Coffee Co. 217,083; Mar. 9.
Coffee and candy. P. J. Livadary. 221,324; Mar. 9.
Coffee free of caffeine. F. Kundig jun. & Cie. 214,921; Mar. 9.
Durum semolina. Broenuiman Company, Inc. 225,765; Mar. 9.
Extracts, Food-flavoring. Frank E. Harris Co. 224,392; Mar. 9.
Extracts, Food-flavoring. Frank E. Harris Co. 224,396; Mar. 9.
Extracts, Malt. J. Klein. 225,665; Mar. 9.
Figs, fig preserves, pickled figs, Dried and canned. D. Kempton. 218,817; Mar. 9.
Flour, Wheat. Larrabee Flour Mills Corporation. 220,544; Mar. 9.
Flour, Wheat. H. D. Lee Flour Mills Company. 225,720–1; Mar. 9.
Flour, Wheat. National Milling Company. 225,672; Mar. 9.
Flour, Wheat. Sperry Flour Company. 221,286; Mar. 9.
Food, Bird. Burnett's Inc. 225,768; Mar. 9.
Fruit juices and fruit pectin for jellies, Concentrated. G. Z. Walt. 226,391; Mar. 9.
Fruits and vegetables, Fresh. Denney & Co. 214,402–4; Mar. 9.
Fruits, Fresh citrous. Walls & Topham. 223,670; Mar. 9.
Grapes, Fresh. John Aquino, Inc. 216,576; Mar. 9.
Grapes, Fresh. G. M. Kasparian. 215,695; Mar. 9.
Grapes, Fresh. Maljan Fruit Company. 222,623; Mar. 9.
Grapes, Fresh. Ultra Fruit Association. 221,293–4; Mar. 9.
Grapes, Fresh. G. N. Young. 221,400; Mar. 9.
Ham, picnics, bacon, etc. Rath Packing Company. 204,473; Mar. 9.
Marmalade. J. E. See. 225,145; Mar. 9.
Milk, buttermilk, and cream. B B Milk Company. 223,112; Mar. 9.
Nuts, Pistachio. Norian Trading Co. 211,864; Mar. 9.
Oranges, lemons, and grapefruit. C. D. Hubbard Fruit Co. 222,254; Mar. 9.
Oranges, lemons, and grapefruit. Ventura Citrus Association. 222,294; Mar. 9.
Oranges, lemons, and grapefruit. Ventura Citrus Association. 222,295–6; Mar. 9.
Oranges, lemons, grapefruit. Corona Citrus Association. 217,761; Mar. 9.
Oranges, lemons, grapefruit. Klink Citrus Association. 216,915; Mar. 9.
Peas, Mexican chick. A. Gonzalez. 226,136; Mar. 9.
Pretzels. A. L. Krouse. 222,466; Mar. 9.
Rice, canned fish and oysters, fruit preserves, etc. Minnesota Mercantile Co. 192,539; Mar. 9.
Sirup, Malt. S. L. Goldman. 205,409; Mar. 9.
Sirups, Malt. A. A. Jung. 221,553; Mar. 9.
Tea, coffee, cocoa, etc. H. S. Chamberlin. 224,955; Mar. 9.
Vanilla compound and fruit sirup. Dahl Brothers, Incorporated. 207,344; Mar. 9.
Yerba mate. La Industrial Paraguaya S. A. 221,748; Mar. 9.

CLASS 48.

Beverage, Cereal malt. New England Brewing Co. 217,413; Mar. 9.

CLASS 49.

Gin. Red Star Yeast and Products Co. 226,162; Mar. 9.
Whisky. Philip Blum & Company, Incorporated. 226,601; Mar. 9.

CLASS 50.

Display figures, Automatic window-. R. G. Koch. 216,052; Mar. 9.
Fabrics. A. Sydeman. 216,700; Mar. 9.
Fly ribbon, paper, tape, and swatters. R. E. Tongue & Bros. Co. 225,066; Mar. 9.
Tents, awnings, and curtains, wagon and truck covers, and tarpaulins. Little Rock Tent & Awning Co. 225,431; Mar. 9.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 9TH DAY OF MARCH, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Aaron, Solomon E., Boston, Mass. Boat-handling apparatus. 1,575,808; Mar. 9.
Abbott, Robert H. (See Buchanan, J. R., and Abbott.)
Acker, Jay D., Norwalk, Ohio. Mold form. 1,576,291; Mar. 9.
Adams, Albert H., et al. (See Dalrymple, Lewis K., assignor.)
Adams, Charles, jr., Cliffside Park, N. J., assignor of one-half to S. Weston, New York, N. Y. Dry-pipe valve. 1,575,607; Mar. 9.
Adler, Victor E., Los Angeles, Calif. Banjo-head supports. 1,576,171; Mar. 9.
Agnew, Herbert W., Victoria, British Columbia, Canada. Envelope moistener. Des. 69,622; Mar. 9.
Ahl, Frank Z., Sacramento, Calif. Hot-air furnace. 1,576,020; Mar. 9.
Ainslie, Thomas D., Metuchen, N. J., assignor to The Roessler & Hasslacher Chemical Company, New York, N. Y. Manufacture of articles from woven goods. 1,576,292; Mar. 9.
Airo, Sally, assignor to Lincoln Manufacturing Company, Detroit, Mich. Bracket back for lighting fixtures. Des. 69,623; Mar. 9.
Airo, Sally, assignor to Lincoln Manufacturing Company, Detroit, Mich. Bracket back for lighting fixtures. Des. 69,624; Mar. 9.
Aitchison, Peter, New Rochelle, assignor to American Bank Note Company, New York, N. Y. Rotary web undersurface printing machine. 1,576,293; Mar. 9.
Alberty, Leon M., and W. J. Frank, assignors to Razor Blade Knife Company, Milwaukee, Wis. Blade holder. 1,575,608; Mar. 9.
Aldrich, Alonzo, Beloit, Wis. Paper-making machine. 1,576,126; Mar. 9.
Allan, William G., assignor to J. P. Scott, Toronto, Ontario, Canada. Method of and apparatus for uniting metallic bodies. 1,575,609; Mar. 9.
Allemand, Albert A., near Gilroy, Calif. Tray. 1,576,294; Mar. 9.
All Metal Products Company. (See Schmidt, William F., assignor.)
Altnow, Henry J., Portland, Oreg. Joint. 1,575,730; Mar. 9.
American Bank Note Company. (See Aitchison, Peter, assignor.)
American Chain Company, Inc. (See Fageol, Rollie B., assignor.)
American Electrical Heater Company. (See Kuhn, F., and Thomas, assignors.)
American Fabrics Company, The. (See Page, Samuel H., assignor.)
American Fork & Hoe Company, The. (See Bryers, John E., assignor.)
American Iron & Machine Works, Inc. (See Thomas, William T., assignor.)
American Laundry Machinery Company, The, et al. (See Braley, Charles L., assignor.)
American Maize-Products Company. (See Daly, Raymond E., assignor.)
American Optical Company. (See O'Meara, Denis H., assignor.)
American Seeding Machine Company, The. (See Braley, W. L., and Faas, assignors.)
American Telephone and Telegraph Company. (See Blackwell, Otto B., assignor.)
American Telephone and Telegraph Company. (See Herman, Joseph, assignor.)
American Telephone and Telegraph Company. (See Shanck, Roy B., assignor.)
American Telephone and Telegraph Company. (See Strieby, Maurice E., assignor.)
Amies, Joseph H., Philadelphia, Pa. Composition for highway-surfacing and the like. 1,575,957; Mar. 9.
Anderson Body Company, The. (See Strohl, Harry B., assignor.)
Anderson, Ernst G. K., assignor, by mesne assignments, to Appleton Electric Co., Chicago, Ill. Adjustable spotlamp. 1,575,800; Mar. 9.
Anderson, Fred O., Minneapolis, Minn. Fountain brush. 1,575,809; Mar. 9.
Anderson, Harry S., New York, N. Y. Powder box or similar article. Des. 69,625; Mar. 9.
Anderson, Harry T., Butler, assignor to Standard Steel Car Company, Pittsburgh, Pa. End construction for railway cars. 1,575,731; Mar. 9.
Andres, William J. (See Dodge, A. Y., and Andres.)
Ansco Photoproducts, Inc. (See Bornmann, Carl, assignor.)
Ansco Photoproducts, Inc. (See Pawley, John B., assignor.)
Appleton Electric Co. (See Anderson, Ernst G. K., assignor.)
Aram, Otto, Philadelphia, Pa. Refractory brick for furnace lining. 1,576,021; Mar. 9.
Arca Regulators, Incorporated. (See Carlstedt, Ragnar, assignor.)
Armstrong, Eli H., Savannah, Ga. Apparatus for treating acid phosphate. 1,576,022; Mar. 9.
Ashby, Edward B. (See Ashby, Harry V., assignor.)
Ashby, Harry V., Erie, Pa., assignor of one-half to E. B. Ashby, New York, N. Y. Collating device. 1,575,891; Mar. 9.
Ashby, Harry V., Erie, Pa., assignor of one-half to E. B. Ashby, New York, N. Y. Sheet-feeding device. 1,575,892; Mar. 9.
Ashby, Harry V., Erie, Pa., assignor of one-half to E. B. Ashby, New York, N. Y. Collating device. 1,575,893; Mar. 9.
Ashworth, Fred, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe part and the treatment of shoe parts. 1,575,610; Mar. 9.
Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for forming wedge-shaped articles. 1,575,611; Mar. 9.
Austen, Edward W. (See Pierce, L. D., and Austen.)
Austin, William C., Anderson, S. C. Pipe-forming machine. 1,576,127; Mar. 9.
Automotive Valves Co., The. (See Burtnett, Everett R.)
Averill Manufacturing Corporation. (See Hopt, Rudolph A., assignor.)
Avery, W. & T., Limited. (See Sykes, Cameron M., assignor.)
Ayer, William T., assignor to Hercules Powder Company, Wilmington, Del. Machine for making paper shells. 1,575,894; Mar. 9.
Aymar, John W., jr., Montclair, N. J. Washer-placing apparatus. 1,576,297; Mar. 9.
Aymard, Malcolm F. L. A., London, England. Variable-speed gearing. 1,576,399; Mar. 9.
Babcock & Wilcox Company, The. (See Hollick, Frederick W., assignor.)
Bachman, Fayette H., Oakland, Calif. Short-circuit switch. 1,575,732; May 9.
Bader, Marcel, Mulhouse, France, T. Lombard, Basel, Switzerland, C. Sunder, Mulhouse, France, and C. Vaucher, assignors to Society Durand & Huguenin S. A., Basel, Switzerland. Dyeing and printing of textile goods and other materials adapted to be impregnated. 1,575,958; Mar. 9.
Baehr, Gustave, Paris, France. Removable frame for motor or like vehicles. 1,576,261; Mar. 9.
Baker, Edwin A., Los Angeles, Calif. Cooling spray. 1,575,895; Mar. 9.
Baker, Frederick W., Stourbridge, England. Vehicle wheel. Re16,287; Mar. 9.
Baker-Perkins Company. (See Beanes, Warwick H., assignor.)
Balcker, Marten, assignor to G. J. and N. N. Goldman, Chicago, Ill. Padding needle. 1,575,896; Mar. 9.
Baldwin, Andrew E., et al. (See Jackson, Harry H., assignor.)
Baldwin, James, et al. (See Jackson, Harry H., assignor.)
Ball & Ball Carburetor Company. (See Ball, Frank H., assignor.)
Ball, Frank H., assignor, by mesne assignments, to Ball and Ball Carburetor Company, Detroit, Mich. Carburetor. 1,576,295; Mar. 9.
Ball, Frank H., assignor, by mesne assignments, to Ball & Ball Carburetor Company, Detroit, Mich. Carburetor. 1,576,296; Mar. 9.
Ballard, Charles S., Buckley, Wash. Dentist's chip blower and air syringe. 1,576,128; Mar. 9.
Bancel, Paul A., Nutley, assignor to Ingersoll-Rand Company, Jersey City, N. J. Surface condenser. 1,575,810; Mar. 9.
Banholzer, Herwin S., and J. J. Montague, Bicknell, Ind. Dirigible headlight. 1,576,129; Mar. 9.

Bank, Albert M., Jersey City, N. J. Insecticide container for upholstered furniture. 1,576,262; Mar. 9.
Barber-Colman Company. (See Peterson, B. A., and Cummings, assignors.)
Barber, Howard M., assignor to C. B. Cottrell & Sons Company, Stonington, Conn. Applying antioffset material to the freshly-printed sides of traveling webs. 1,576,130; Mar. 9.
Barberis, Ellelio G., Brooklyn, N. Y. Waterproof protector. 1,576,023; Mar. 9.
Barbey, Camille, Vaud, Switzerland, and R. E. S. Venables, London, England. Rolling stock for railways and tramways. 1,576,298; Mar. 9.
Barker, John S., Rochester, N. Y. Mechanical time fuse. 1,576,131; Mar. 9.
Barlow, Simon, Ogden, Utah. Fuel-feed control for automotive engines. 1,576,078; Mar. 9.
Barlow, Simon, Ogden, Utah. Fuel-feed control for automotive engines. 1,576,079; Mar. 9
Barrantes, Robert, Kenmore, and R. J. Bonstein and M. A. Replogle, Akron, assignors to Lambert Tire & Rubber Co., Barberton, Ohio. Manufacturing cellular cushion tires. 1,576,024; Mar. 9.
Barstad, Adolf, Smiley Township, Pennington County, Minn. Concrete-wall mold. 1,575,959; Mar. 9.
Bartholomae, William, Brooklyn, assignor to Bar Zim Toy Mfg. Co., Inc., New York, N. Y. Xylophone. 1,575,960; Mar. 9.
Bartholomae, William, Brooklyn, assignor to Bar-Zim Toy Mfg. Co., Inc., New York, N. Y. Musical toy. 1,575,961; Mar. 9.
Bartholomae, William, Brooklyn, assignor to Bar-Zim Toy Mfg. Co., Inc., New York, N. Y. Xylophone. 1,576,263; Mar. 9.
Bartow, Charles H., Lancaster, Ohio. Range. Des. 69,626; Mar. 9.
Bar-Zim Toy Mfg. Co. (See Bartholomae, William, assignor.)
Bassick Manufacturing Company, The. (See Davis, Ernest W., assignor.)
Bastow, Carrodus, Allwood, assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J. Table cover or analogous article. Des. 69,627; Mar. 9.
Bastow, Carrodus, Allwood, assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J. Table cover or analogous article. Des. 69,628; Mar. 9.
Bastow, Carrodus, Allwood, assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J. Table cover or analogous article. Des. 69,629; Mar. 9.
Bastow, Carrodus, Allwood, assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J. Table cover or analogous article. Des. 69,630; Mar. 9.
Bastow, Carrodus, Allwood, assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J. Table cover or analogous article. Des. 69,631; Mar. 9.
Bastow, Carrodus, Allwood, assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J. Table cover or analogous article. Des. 69,632; Mar. 9.
Battey, George M., jr., Washington, D. C. Can opener. 1,575,612; Mar. 9.
Baumhover, Louis B., Carroll, Iowa. Log-sawing machine. 1,576,025; Mar. 9.
Beadle, Elisha A. (See Nordstrom, John B., assignor.)
Beakes, Mahlon H., New York, N. Y. Box of confections. 1,576,026; Mar. 9.
Beanes, Warwick H., Kingsway, London, England, assignor to Baker-Perkins Company, Incorporated, White Plains, N. Y. Apparatus for atomizing liquids and mixing same with gaseous substances. 1,575,671; Mar. 9.
Bechheim, Karl, Detroit, Mich. Reamer. 1,575,613; Mar. 9.
Beck, Adolf, assignor to the Firm: Chemische Fabrik Griesheim-Elektron, Griesheim-on-the-Main, Germany. Recovering light metals from scrap and the like. 1,576,080; Mar. 9.
Becker, John, St. Marys, Pa. Pipe-turning apparatus. 1,576,027; Mar. 9.
Beckwith, Harvey, Tracy, Calif. Sickle-bar-adjusting means. 1,576,264; Mar. 9.
Beckwith, Otto Q. (See Isbell, John F., assignor.)
Beghetti, Peter, San Francisco, Calif. Wire tightener and twister. 1,576,400; Mar. 9.
Behrer, Arnold M., New York, N. Y. Valve for low-down flush tanks. 1,576,299; Mar. 9.
Bell, John E., Brooklyn, N. Y., assignor to Sinclair Refining Company, Chicago, Ill. Oil distillation. 1,576,401; Mar. 9.
Bello, Aurelio C., Sagua la Grande, Cuba. Spading apparatus. 1,575,962; Mar. 9.
Bendix Brake Company. (See Dodge, A. Y., and Andres, assignors.)
Bengtsson, Harry E. (See Pearson, Victor I., assignor.)
Benjamin Electric Manufacturing Company. (See McClatchie, Stanley, assignor.)
Benjamin, George S., Detroit, Mich. Window mounting. 1,576,061; Mar. 9.
Benz, Joseph P. (See Sharpnack, R. S., and Benz.)
Beringer, Sol, Bronxville, N. Y. Auto attachment. 1,576,265; Mar. 9.
Bernstein, Celia, New York, N. Y. Mop shaker. 1,575,738; Mar. 9.
Biggert, Florence C., jr., assignor to United Engineering and Foundry Company, Pittsburgh, Pa. Roll-adjusting mechanism for rolling mills. 1,576,266; Mar. 9.
Bispham, Edward H., Maumee, Ohio. Bracket. 1,575,963; Mar. 9.
Blackburn, Thomas C., Winnfield, La. Chain link. 1,576,431; Mar. 9.
Blackwell, Otto B., Piandome, N. Y., assignor to American Telephone and Telegraph Company. Wire carrier program-distribution system. 1,575,672; Mar. 9.
Blaw, Jacob B., Atlantic City, N. J. Adjustable support for flags. 1,575,614; Mar. 9.
Blaw-Knox Company. (See Schieldrop, Bjarne H., assignor.)
Bolenbaugh, Burton R., et al. (See Bolenbaugh, Ray S., assignor.)
Bolenbaugh, Cyrus, et al. (See Bolenbaugh, Ray S., assignor.)
Bolenbaugh, Ray S., assignor of one-third to B. R. Bolenbaugh and one-third to C. Bolenbaugh, Jackson, Mich. Piston ring. 1,576,402; Mar. 9.
Bonstein, Robert J. (See Barrantes, R., Bonstein, and Replogle.)
Bookman, George M., Mallow, assignor to Covington Machine Company, Inc., Covington, Va. Clinker extractor. 1,576,132; Mar. 9.
Booth, George, assignor to Miehle Printing Press & Mfg. Co., Chicago, Ill. Fluid buffer. 1,576,300; Mar. 9.
Booth, James S., Detroit, Mich. Internal-combustion engine. 1,576,301; Mar. 9.
Borkman, George F. (See Pihl, Albert, assignor.)
Bornmann, Carl, assignor to Ansco Photoproducts, Inc., Binghamton, N. Y. Photographic shutter. 1,576,302; Mar. 9.
Boros, Steve, Kenmore, Ohio. Paper-hanging machine. 1,576,403; Mar. 9.
Bosheck, Walther, assignor to the Firm: Vogtlandische Maschinenfabrik (vormals: J. C. & H. Dietrich) Aktiengesellschaft, Plauen, Germany. Shuttle-box-selecting mechanism for shuttle boxes with more than two compartments. 1,576,172; Mar. 9.
Bournonville, Eugene M., Jersey City, N. J. Rotary valve. 1,576,082; Mar. 9.
Bowen, John S., Baldwin Park, Calif. Map holder. 1,576,028; Mar. 9.
Boyer, Sylvester, Lynn, Mass., assignor to General Electric Company. Refining gallium metal. 1,576,083; Mar. 9.
Bradford, James R., San Francisco, Calif. Picture-projection machine. 1,576,404; Mar. 9.
Bradshaw, Albert C., San Antonio, Tex. Stalk-cutting machine. 1,576,405; Mar. 9.
Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliesrath, Port Washington, assignors to Bragg-Kliesrath Corporation, Long Island City, N. Y. Operating suction-actuated devices from the intake manifold of internal-combustion engines. 1,576,432; Mar. 9.
Bragg, Caleb S., Palm Beach, Fla., and V. W. Kliesrath, Port Washington, assignors to Bragg-Kliesrath Corportation, Long Island City, N. Y. Operating suction-actuated devices in connection with internal-combustion engines. 1,576,433; Mar. 9.
Bragg-Kliesrath Corporation. (See Bragg, C. S., and Kliesrath, assignors.)
Braley, Charles L., assignor of one-half to C. F. Noftzger, Chicago, Ill., and one-half to The American Laundry Machinery Company, Cincinnati, Ohio. Starch extractor. 1,575,964; Mar. 9.
Braley, Charles L., assignor of one-half to C. F. Noftzger, Chicago, Ill., and one-half to The American Laundry Machinery Company, Cincinnati, Ohio. Laundry drier. 1,575,965; Mar. 9.
Braley, William L., and H. N. Fraas, assignors to The American Seeding Machine Company, Springfield, Ohio. Cultivator. 1,576,029; Mar. 9.
Brannon, Nem W., Greer, S. C., assignor to Draper Corporation, Hopedale, Mass. Automatically-threading shuttle for looms. 1,576,030; Mar. 9.
Braun, Evelyn P. (See Braun, William F. H. and E. P.)
Braun, W. F. Harold, et al. (See Braun, William F. H. and E. P., assignors.)
Braun, William F. H. and E. P., Wynnewood, assignors to W. F. H. Braun and T. R. Powell, trading as The Dixie Company, Lansdown, Pa. Floor waxer and polisher. 1,576,173; Mar. 9.
Bridler, John J., San Francisco, Calif. Window Construction. 1,575,811; Mar. 9.
Brighton Mills. (See Jelleme, William O., assignor.)
Brittain, Harold A., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Pneumatic tire. 1,575,966; Mar. 9.
Broiton, Edward R., Philadelphia, Pa. Fluid for industrial purposes. 1,575,967; Mar. 9.
Brooker, Henry T., Southend, England, Circuit-changing switch. 1,576,406; Mar. 9.
Brooks, George W., Topeka, Kans. Produce bin. 1,575,812; Mar. 9.
Brosbeary, Gurley, Newburg, Ind. Splice bar. 1,576,407; Mar. 9.
Broughton, Arthur E., Minneapolis, Minn. Heating system for paper driers. 1,575,615; Mar. 9.
Brown, Alice, Shelburne Falls, Mass. Crystallizing maple-sugar cakes. 1,576,084; Mar. 9.
Brown, James B. L., Los Angeles, Calif. Bumper. 1,576,085; Mar. 9.
Brown, John J., Holland, Mich. Washbench. 1,576,303; Mar. 9.

Brown, Ray M., Yonkers, N. Y. Locomotive. Re16,285; Mar. 9.
Brown, William B., Nash County, near Rockymount, N. C. Oil spraying device. 1,576,031; Mar. 9.
Browne, Ralph C., Salem, Mass. Heating appliance. 1,576,086; Mar. 9.
Browne, Robert C., Alameda, Calif. Auto luncheon kit. 1,576,032; Mar. 9.
Bruiotte, Adjutor. (See Fortin, Georges, assignor.)
Brundage, James W., assignor to The Miller Rubber Company, Akron, Ohio. Rubber-trimming device. 1,575,616; Mar. 9.
Bryant, William L., Springfield, Vt. Grinding machine. 1,575,968; Mar. 9.
Bryers, John E., Jackson, Mich., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Method of and apparatus for making implement sockets. 1,576,304; Mar. 9.
Bubar, Hudson H., New York, N. Y. Industrial furnace. 1,576,033; Mar. 9.
Buchanan, Jerome R., and R. H. Abbott, Los Angeles, Calif. Bracket arm for lighting fixtures. Des. 69,633; Mar. 9.
Buchanan, Jerome R., and R. H. Abbott, Los Angeles, Calif. Wall plate for lighting fixtures. Des. 69,634; Mar. 9.
Buck, Wilmer G., Fremont, assignor, by mesne assignments, to Continental Engineering Corporation, Omaha, Nebr. Valve for internal-combustion engines. Re16,286; Mar. 9.
Buckeye Incubator Company, The. (See Cugley, George, assignor.)
Buckley, Matthew J., Milwaukee, Wis. Holder for marking pins. 1,575,734; Mar. 9.
Bull, William C., Brooklyn, N. Y. Apparatus for fabricating reenforced glass. 1,575,969; Mar. 9.
Bulley, George W., assignor to The Miller Rubber Company, Akron, Ohio. Composite horn and making same. 1,575,617; Mar. 9.
Bullock, Charles F., Schenectady, N. Y., assignor to General Electric Company. U-tube manometer. 1,576,087; Mar. 9.
Bullwinkel, Martin E., Brooklyn, N. Y. Telephone attachment. 1,576,305; Mar. 9.
Bunz, Charles J., West Hoboken, N. J. Container. 1,576,088; Mar. 9.
Burke, Lawrence A., and T. F. Littleton, Montello, Mass. Side lasting boots, shoes, and slippers. 1,575,513; Mar. 9.
Burkett, Philip. (See Horne, Isaac L., assignor.)
Burlingame, George L., Chicago, Ill. Child's toy vehicle. 1,575,618; Mar. 9.
Burns, Elmer G., Los Angeles, Calif. Universal joint. 1,576,089; Mar. 9.
Burrell, Edward P., Shaker Heights, and J. J. N. Van Hamersveld, assignors to The Warner and Swasey Company, Cleveland, Ohio. Way guard for machine tools. 1,575,735; Mar. 9.
Burroughs, John F., Baltimore, Md., assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J. Table cover or analogous article. Des. 69,635; Mar. 9.
Burroughs, John F., Baltimore, Md., assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J. Table cover or analogous article. Des. 69,636; Mar. 9.
Burroughs, John F., Baltimore, Md., assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J. Table cover or analogous article. Des. 69,637; Mar. 9.
Burroughs, John F., Baltimore, Md., assignor to T. R. Goodlatte & Sons, Inc., Delawanna, N. J. Table cover or analogous article. Des. 69,638; Mar. 9.
Burson, Preston V., Marysville, Ohio. Grader. 1,575,814; Mar. 9.
Burtnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,576,306; Mar. 9.
Burton, Paul C. (See Galloway, R. M., and Burton.)
Butt, Edna M., Williamsport, Ind. Collapsible support for tables, seats, shelves, and the like. 1,576,034; Mar. 9.
Cajer, Hermann, Vienna, Austria. Manufacture of printing colors or ink. 1,576,408; Mar. 9.
California Almond Confectious Company. (See Nehrhood, George A., assignor.)
California Cotton Mills Company. (See Mitchell, Allister S., assignor.)
Camel Company. (See Eklind, Carl E., assignor.)
Cameron, John A., Glasgow, Scotland. Calendar, diary, writing or other pad, and block with turnover leaves. 1,575,673; Mar. 9.
Cameron, John A. H. (See Daniels, Ernest S., assignor.)
Camp, Curtis R., trustee. (See Welch, Horace H., assignor.)
Campbell, Luther L. (See Findling, Joseph, assignor.)
Caracristi, Virginius Z., Bronxville, N. Y. Combined feed-water heater and economizer. 1,576,478; Mar. 9.
Carborundum Company, The. (See Hartmann, Miner L., assignor.)
Carborundum Company, The. (See Martin, Harry C., assignor.)
Carlson, Joseph C., Tulsa, Okla. Cover for electric sockets. 1,575,816; Mar. 9.
Caristedt, Ragnar, Stockholm, Sweden, assignor, by mesne assignments, to Arca Regulators, Incorporated, New York, N. Y. Liquid-level regulator. 1,576,816; Mar. 9.
Carnahan, Ora B. (See Groves, R. E., and Carnahan.)
Carpenter, Scott E., Memphis, Tenn. Interlocking shingle roof. 1,576,090; Mar. 9.
Carrier Engineering Corporation. (See Carrier, Willis H., assignor.)
Carrier, Willis H., assignor to Carrier Engineering Corporation, New York, N. Y. Refrigerating system. 1,575,817; Mar. 9.
Carrier, Willis H., assignor to Carrier Engineering Corporation, New York, N. Y. Refrigerating system and method of refrigeration. 1,575,818; Mar. 9.
Carrier, Willis H., assignor to Carrier Engineering Corporation, New York, N. Y. Refrigerating system. 1,575,819; Mar. 9.
Carrier, Willis H., Essex Fells, assignor to Carrier Engineering Corporation, Newark, N. J. Rotary pump and the like. 1,575,970; Mar. 9.
Carroll, Stewart J. (See Malone, L. J., and Carroll.)
Carter, George R., Company, The. (See Creamer, Edgar E., assignor.)
Case, J. I., Threshing Machine Company. (See MacGregor, Wallace F., assignor.)
Casey, John J., Gloucester, Mass. Pipe hanger. 1,576,307; Mar. 9.
Cashman, Thomas W., London, England. Furnace. 1,576,174; Mar. 9.
Cashoty, George, New York, N. Y. Boat-propulsion mechanism. 1,576,409; Mar. 9.
Catucci, Pliny, Newark, N. J. Fishing reel. 1,575,619; Mar. 9.
Celite Company, The. (See Knight, Arthur W., assignor.)
Chambon, Gilbert, Paris, France. Apparatus for removing the piston rod of locomotives and other engines from piston crossheads. 1,575,620; Mar. 9.
Chantry, James, Sheffield, England. Sharpening device. 1,576,091; Mar. 9.
Chemische Fabrik Griesheim-Elektron. (See Beck, Adolf, assignor.)
Chicago Pneumatic Tool Company. (See Coates, Charles B., assignor.)
Chicago Pneumatic Tool Company. (See Penberthy, Ernest, assignor.)
Chicago Shoe Machinery Company. (See Du Mais, L. J., and Miner, assignors.)
Chiron, Hippolyte M., and F. Parme, New York, N. Y. Ligature for clarinet and saxophone mouthpieces. 1,575,621; Mar. 9.
Chisar, Louis, New York, N. Y. Balancing device for motor cycles and the like. 1,576,132; Mar. 9.
Chocolate Sponge Co. (See Laskey, Philip B., assignor.)
Church, Frederick P., Lynn, Mass., assignor to General Electric Company. Induction meter. 1,576,092; Mar. 9.
Cincinnati Bickford Tool Company, The. (See Schauer, Lawrence L., assignor.)
Cipperly, Ellsworth E., Palo Alto, Calif. Headlight. 1,576,035; Mar. 9.
Circle A Products Corporation. (See Oberdorfer, H. D., and Voightlander, assignors.)
Citizens of the United States. (See Jackson, Frank H.)
Clark, J. R., Company. (See Kalgren, John E., assignor.)
Clem, William L. (See Hunt, Charles J., assignor.)
Clement, Edward E. (See Hoge, J. B., and Clement.)
Clement, Edward E., assignor to E. F. Colladay, Washington, D. C. Combined broadcast receiving and telephone system. 1,576,308; Mar. 9.
Clement, Edward E., assignor to E. F. Colladay, Washington, D. C. Broadcasting system. 1,576,309; Mar. 9.
Cloud, John W., London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake. 1,575,820; Mar. 9.
Clough, James E., La Grange, and W. H. Stilwell and A. R. Fugina, Louisville, Ky. Rail-contact circuit controller. 1,576,175; Mar. 9.
Coates, Charles B., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Safety switch mechanism. 1,576,036; Mar. 9.
Cobb, Edward S., Whittier, assignor to Cobb Temperature Regulator Company, Los Angeles, Calif. Frost preventer for orchards. 1,575,971; Mar. 9.
Cobb Temperature Regulator Company. (See Cobb, Edward S., assignor.)
Cochran, Burt B., assignor to Goblin Mint Company, Chicago, Ill. Dispensing device. 1,575,972; Mar. 9.
Coffey, Patrick J., Chatham, N. J. Clasp. 1,575,622; Mar. 9.
Cohen, Louis A., Central City, Ky. Poultry coop. 1,575,674; Mar. 9.
Cohn, Irwin E., New York, N. Y. Dual-sounding rattle. 1,576,231; Mar. 9.
Colbert, George F. and W. H., Pittsburgh, Pa. Mirror support. 1,576,037; Mar. 9.
Colbert, William H. (See Colbert, George F. and W. H.)
Cole, George E., Port Huron, Mich. Sign-painter's table. 1,575,897; Mar. 9.
Coleman, William E., Birmingham, Ala. Shock absorber, dashpot, and the like. 1,576,973; Mar. 9.
Colladay, Edward F. (See Clement, Edward E., assignor.)
Colladay, Edward F. (See Hoge, J. B., and Clement, assignors.)
Collins, Thomas L., Sarasota, Fla. Ditching machine. 1,576,896; Mar. 9.

Colton, Arthur Company. (See Kath, Alfred W., assignor.)
Combustion Engineering Corporation. (See Kriesinger, Henry, assignor.)
Conlon, Thomas A. (See Joyce, Bryan P., assignor.)
Connell, Andrew J., New York, assignor to Superior Steel Door and Trim Co., Inc., College Point, N. Y. Metal door jamb. 1,576,038; Mar. 9.
Connery, William M., Philadelphia, Pa. Air preheater for boiler furnaces. 1,576,410; Mar. 9.
Conrad, Nicholas J., Wilmette, assignor to Schweitzer & Conrad, Chicago, Ill. Protective apparatus. 1,575,736; Mar. 9.
Conrader, Rudolph, Erie, Pa. Tank-discharge device. 1,575,623; Mar. 9.
Continental Engineering Corporation. (See Buck, Wilmer G., assignor.)
Conway, George E., Tenafly, N. J. Shingle and shingle construction. 1,575,974; Mar. 9.
Cook, George, Detroit, Mich. Automatic fishing device. 1,576,233; Mar. 9.
Cooke, Alfred C., Hartford, Conn. Spoon holder. 1,576,232; Mar. 9.
Cooke, James, Omaha, Nebr. Mounting and cutting label-holder channels. 1,575,899; Mar. 9.
Cooke, Horace G., New York, N. Y. Apparatus for handling railway ballast. 1,576,093; Mar. 9.
Cooper, Simon, Brooklyn, assignor to The McCall Company, New York, N. Y. Sheet-winding apparatus. 1,575,900; Mar. 9.
Cordingley, Thomas, Bristol, England, assignor to M. C. Sears, Boston, Mass. Spring gaiter. 1,576,134; Mar. 9.
Corey, Harmon E., Los Angeles, Calif. Spark plug. 1,576,176; Mar. 9.
Corson, Chalon E., and W. A. Wright, assignors to Wright & Corson Company, Philadelphia, Pa. Mechanism for drilling and applying brake-band linings. 1,576,135; Mar. 9.
Corson, Chalon E., et al. (See McBride, Arthur C., assignor.)
Cotton, Alfred, assignor to Ilene Boiler Company, St. Louis, Mo. Water-tube boiler. 1,576,310; Mar. 9.
Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
Covington Machine Company. (See Bookman, George M., assignor.)
Cozzoli, Frank, Plainfield, N. J. Fruit-press drive. 1,576,234; Mar. 9.
Craig, John F., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automotive brake. 1,575,737; Mar. 9.
Crawford, McGregor and Canby Company, The. (See Follet, William, assignor.)
Creamer, Edgar R., assignor to The George R. Carter Company, Connersville, Ind. Molding. 1,576,411; Mar. 9.
Cregor, Nathan M. (See Hoffman, C., Cregor, and Grigsby.)
Crompton & Knowles Loom Works. (See Marshall, Thomas A., assignor.)
Crompton & Knowles Loom Works. (See Paine, Arthur P., assignor.)
Cronk, Wakeman H. B., Kansas City, Mo. Case. 1,576,412; Mar. 9.
Cropper, William N., Lexington, Ky. Screen. 1,575,738; Mar. 9.
Crost, Albert. (See Hughes, Hugh T., assignor.)
Crowell, Frank S., assignor to The Edward N. Riddle Company, Toledo, Ohio. Ceiling light for lighting fixtures. Des. 69,639; Mar. 9.
Cubitt, Archibald S., London, England. Locking screw and the like. 1,576,413; Mar. 9.
Cugley, George, assignor to The Buckeye Incubator Company, Springfield, Ohio. Brooder. 1,576,177; Mar. 9.
Culbertson, James P., Allentown, Pa. Glareshield. 1,576,094; Mar. 9.
Cummings, Preston W. (See Peterson, B. A., and Cummings.)
Cunningham, Martin M., Far Rockaway, N. Y. Signal lamp. 1,576,235; Mar. 9.
Cuppett, Charles W., Leckrone, Pa. Chain pipe wrench. 1,576,414; Mar. 9.
Cutting, George B., Worcester, Mass. Packing for hoods of automobiles. 1,576,415; Mar. 9.
Czikan, Louis, Ixelles, near Brussels, Belgium. Stroboscopic apparatus. 1,576,236; Mar. 9.
Dahl Autocoaster Corporation. (See Dahl, Conrad, assignor.)
Dahl, Conrad, assignor to Dahl Autocoaster Corporation, Chicago, Ill. Vehicle propelling device. Re16,291; Mar. 9.
Dalrymple, Lewis K., Chicago, assignor of four one-hundredths to A. H. Adams, Oak Park, and four one-hundredths to J. L. Jackson, River Forest, Ill. Wheel. 1,575,739; Mar. 9.
Dalton Adding Machine Company, The. (See Tingley, Bruce H., assignor.)
Daly, John G., Portland, Oreg. File-cleaning tool. 1,576,095; Mar. 9.
Daly, Raymond E., Homewood, Ill., assignor to American Maize-Products Company, Roby, Ind. Production of cereal sugar in loaf or block form. 1,575,975; Mar. 9.
Daniels, Ernest S., West Point, Va., assignor to J. A. H. Cameron, trustee, Montreal, Canada. Parquet-floor composite sections. 1,575,821; Mar. 9.
Dapron, Joseph M., St. Louis, Mo., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake. 1,575,740; Mar. 9.
Davey, Wheeler P., Schenectady, N. Y., assignor to General Electric Company. Electric condenser. 1,576,096; Mar. 9.
Davis, Ernest W., Oak Park, assignor to The Bassick Manufacturing Company, Chicago, Ill. Lubricating system. 1,575,976; Mar. 9.
Davis, Joseph F., Portsmouth, Ohio. Stripper mechanism. 1,575,822; Mar. 9.
Davis, Richard C., and O. R. Mitchell, Fort Edward, N. Y. Pump structure. 1,575,977; Mar. 9.
Dawson, Joseph W., St. Louis, Mo. Attachment for motor boats. 1,576,237; Mar. 9.
Dayton, Arthur D., Los Angeles, Calif. Bookbinding. 1,575,978; Mar. 9.
Dayton Scale Company. (See Jeans, William H., assignor.)
Decker, Alonzo E., assignor of one-half to F. P. Smith, Fremont, Ohio. Weather strip. 1,576,416; Mar. 9.
De Correvont, Howard, Chicago, Ill. Fitting for bathtubs and the like. 1,575,624; Mar. 9.
De Corta, Auguste M. C., Paris, France. Removable propelling mechanism for boats. 1,576,178; Mar. 9.
Delfenderfer, Murvin C., assignor to Scott & Ewing Company, Bluffton, Ohio. Key-pulling tool. 1,576,097; Mar. 9.
Deltz, John G., Tulsa, Okla. Door construction. 1,576,098; Mar. 9.
Delamere, Rudolf D., and V. G. Williams, Toronto, Ontario, Canada. Folding mechanism for carton flaps. 1,575,901; Mar. 9.
Deline, Irving A., Denver, Colo. Apparatus for forming and clamping paper boxes in the process of manufacture. 1,575,741; Mar. 9.
De Marti, Joseph, Chicago, Ill. Alarm device. 1,576,238; Mar. 9.
Dennis, Edith A., San Francisco, Calif. Adjustable and lockable garment hanger. 1,576,039; Mar. 9.
Dent Hardware Co. (See Schrader, Thomas O., assignor.)
Dentists' Supply Company, The. (See Gibson, Albert E., assignor.)
Denver Rock Drill Manufacturing Company, The. (See Naismith, William G., assignor.)
Derby, Ira H., and C. B. Edwards, assignors to P. C. Reilly, Indianapolis, Ind. Modifying ignition temperature, etc., of carbonaceous materials and such materials. 1,576,179; Mar. 9.
Des Jardins, Benjamin M., West Hartford, Conn. Mechanism for use in grinding twist-drill points and the like. 1,576,311; Mar. 9.
Dessau, Morland M., London, England. Toy trumpet. 1,576,099; Mar. 9.
Dessert, Victor, Spokane, Wash. Plate or similar article. Des. 69,640; Mar. 9.
Determann, August P., Lyons, Iowa. Penumatic-stacker hood. 1,576,239; Mar. 9.
De Ville, Walter, East Liverpool, Ohio. Decalcomania sheet. Des. 69,641; Mar. 9.
Dewey, Haywood G. (See Jones, J. G., and Dewey.)
Dial, George H., Columbus, Ohio. Tent frame. 1,575,902; Mar. 9.
Dial, Welford C., Pueblo, Colo. Engine exhaust. 1,576,040; Mar. 9.
Dibelka, Henry G., assignor to The Kingsley-Miller Company, Chicago, Ill. Illuminated gear-shift-lever ball. 1,575,625; Mar. 9.
Dietze, Richard, Pankow, Germany, assignor to General Electric Company. Regulating system. 1,576,100.
Diffinger, Eugène A., assignor to Etablissements P. Colombier fils, Paris, France. Thermostat. 1,576,180; Mar. 9.
Dille, Welcome A. (See Satterwhite, V., and Dille.)
Dilts, Frank B., assignor to Dilts Machine Works, Inc., Fulton, N. Y. Extractor beating engine. 1,576,101; Mar. 9.
Dilts Machine Works, Inc. (See Dilts, Frank B., assignor.)
Dinspel, William H., assignor to G & G Atlas Systems, Inc., New York, N. Y. Central-station apparatus for pneumatic-dispatch systems. 1,576,312; Mar. 9.
Dirkes, Robert F. (See Wheeler, E. R., and Dirkes.)
Dixie Company, The. (See Braun, William F. H., and B. E. P.)
Dodge, Adiel Y., and W. J. Andres, South Bend, Ind., assignors to Bendix Brake Co., Chicago, Ill. Vehicle brake. 1,576,479; Mar. 9.
Dohm, Harry V. G., Chicago, Ill. Combination lamp and smoker's stand. Des. 69,642; Mar. 9.
Dolan, James J., New Rochelle, N. Y. Hand truck. 1,576,313; Mar. 9.
Domestic Stoker Company. (See Sponsel, Charles W., assignor.)
Dorr, Marguerite W., East Elmhurst, N. Y., assignor to T. R. Goodlatte & Sons, (Inc.), Delawanna, N. J. Table cover or analogous article. Des. 69,643; Mar. 9.
Dorsey, Farnum F., assignor to North East Electric Company, Rochester, N. Y. Contact support for relays. 1,575,903; Mar. 9.
Downes, Louis W., Providence, R. I., assignor to General Electric Company. Terminal connection for electrical apparatus. 1,576,102; Mar. 9.
Dozier, Edd, assignor of one-half to C. H. Ledendecker, Versailles, Ky. Locking device for railway-track joints. 1,576,314; Mar. 9.
Drake, George W., Cleveland Heights, and M. E. Lange, East Cleveland, assignors to The Warner and Swasey Company, Cleveland, Ohio. Pilot-bar construction for machine tools. 1,575,742; Mar. 9.
Drake, Tom, Altrincham, assignor to Linotype and Machinery Limited, London, England. Escapement-actuating mechanism of typographical composing machines. 1,575,823; Mar. 9.
Draper Corporation. (See Brannon, Nem W., assignor.)
Driscoll, Edward A., New York, N. Y. Telephone installation. 1,575,743; Mar. 9.
Drummer, Samuel M. (See Goldbetter, L., and Drummer.)
Druzbach, Theodor, New Durham, N. J. Meat mold. 1,576,417; Mar. 9.
Dubsky, Georg, Lobositz, Czechoslovakia. Manufacturing linoleum. 1,576,181; Mar. 9.
Dufour, Paul, Belfort, assignor to Societe Anonyme pour l'Equipment Electrique des Vehicules, Issy-les-Moulineaux, France. Self-starter for motor vehicles. 1,576,315; Mar. 9.
Du Mais, Leo J., and F. E. Miner, assignors to Chicago Shoe Machinery Company, Chicago, Ill. Thread-looping mechanism for stitching machines. 1,575,904; Mar. 9.
Duncan, William M., Alton, Ill. Furnace. 1,576,267; Mar. 9.
Dunning, William. (See Eurls, H. I., and Kennedy, assignors.)
Duplan Silk Corporation. (See Hasler, A., and Probert, assignors.)
Du Priest, Guy, Austin, Tex. Comb. 1,576,041; Mar. 9.
Duquette, Frederick W., St. Paul, Minn. Ash-receiving attachment for cigars and analogous smokes. 1,576,268; Mar. 9.
Durant, John H., and F. Vachal, Portland, Oreg. Check valve. 1,576,269; Mar. 9.
Duvall, William J., assignor to Smith & Davis Mfg. Co., St. Louis, Mo. Extension or pull-over bed. 1,576,316; Mar. 9.
Dyer, Harry W., New York, N. Y. Child's vehicle. Des. 69,644; Mar. 9.
Dziewas, August, Tempelhof, near Berlin, Germany, assignor to Metal & Thermit Corporation, Carteret, N. J. Method and means for luting molds. 1,576,434; Mar. 9.
Eady, John, Fife Lake, Mich. Snowplow. 1,575,979; Mar. 9.
Eastman Kodak Company. (See Hutchings, Charles E., assignor.)
Eastman Kodak Company. (See Jones, J. G., and Dewey, assignors.)
Eastman Kodak Company. (See Malone, L. J., and Carroll, assignors.)
Eastman Kodak Company. (See Van Derhoef, Henry E., assignor.)
Eclipse Machine Company. (See McGrath, William L., assignor.)
Economy Dyeing Machine Corporation. (See Thomayer, George T., assignor.)
Eddings, Rufus R., Marlin, Tex. Slip cover for automobiles. Re16,288; Mar. 9.
Ede, St. Clair, Dubuque, Iowa. Stretching apparatus for hides. 1,576,418; Mar. 9.
Edwards, Carleton B. (See Derby, I. H., and Edwards.)
Eggleston, Jesse D., Chicago, Ill. Motor Bus. 1,575,675; Mar. 9.
Egloff, Gustav, Independence, Kans., assignor to Universal Oil Products Company, Chicago, Ill. Blending and purifying light hydrocarbons. 1,575,905; Mar. 9.
Egry Register Company, The. (See Johnson, Arthur A., assignor.)
Egry Register Company, The. (See Neth, George J., assignor.)
Eiffert, Charles H., Roanoke, Va. Receiving antenna for wireless telegraphy or telephony. 1,575,824; Mar. 9.
Eklind, Carl E., Berwyn, Ill. Forming reenforced castings. 1,576,317; Mar. 9.
Eklind, Carl E., Berwyn, assignor to Camel Company, Chicago, Ill. Car-door guard strip. 1,575,744; Mar. 9.
Electron Relay Company, The. (See Laise, Clemens A., assignor.)
Elgin American Manufacturing Co. (See Lester, William H., assignor.)
Elkins, Arthur F., assignor to I. M. Elkins, Hanging Rock, Ohio. Broom. 1,575,745; Mar. 9.
Elkins, Ida M. (See Elkins, Arthur F., assignor.)
Ellman, Walter, Fremont Center, N. Y. Food receptacle for young chickens. 1,576,419; Mar. 9.
English, Ira T., Portland, Oreg. Sack-handling machine. 1,576,318; Mar. 9.
Ericson, Oscar A., assignor to W. W. Kimball Company, Chicago, Ill. Player-piano unit. 1,575,746; Mar. 9.
Estep, Henry C., Indiana, Pa. Gathering apparatus. 1,576,042; Mar. 9.
Etablissements P. Colombier fils. (See Diffinger, Eugene A., assignor.)
Evans, George P., York, Pa. Speed control. 1,575,676; Mar. 9.
Evans, William H., Dallas, Tex. Communion-bread baker. 1,576,825; Mar. 9.
Exner, William F. (See Teipel, J., and Exner.)
Faas, Henry N. (See Braley, William L., and Faas.)
Fageol, Rollie B., Oakland, Calif., assignor to American Chain Company, Inc., Bridgeport, Conn. Bumper. 1,576,043; Mar. 9.
Fagley, Oliver M., Philadelphia, Pa. Drip and other refrigerator pans. 1,576,319; Mar. 9.
Fallows, Charles H., Providence, R. I. Key holder. 1,576,108; Mar. 9.
Farbenfabriken vorm. Friedr. Bayer and Co. (See Haller, Josef.)
Farbenfabriken vorm. Friedr. Bayer and Co. (See Heinze, Ernst, assignor.)
Farmer, Asa G., Chattanooga, Tenn. Railway crossing. 1,575,677; Mar. 9.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed-governor device. 1,575,747; Mar. 9.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train-speed-control device. 1,575,748; Mar. 9.
Farrell, John J., assignor to Michaels, Stern & Company, Rochester, N. Y. Valve. 1,576,486; Mar. 9.
Fauser, Gustave M., Ardsley-on-Hudson, N. Y., assignor to T. R. Goodlatte & Sons, (Inc.), Delawanna, N. J. Table cover or analogous article. Des. 69,645; Mar. 9.
Ferdon, William S., Omaha, Nebr. Wireless communication. 1,575,980; Mar. 9.
Ferguson, Alexander D., Oak Park, Ill., assignor to Sullivan Machinery Company. Power plant. 1,575,981; Mar. 9.
Ferguson, John J., Columbus, Ohio. Luggage carrier. 1,576,104; Mar. 9.
Fetherston, John T., Cuylerville, N. Y. Garbage-treating composition. 1,576,105; Mar. 9.
Fetherston, John T., Cuylerville, N. Y. Treatment of garbage containers and garbage. 1,576,106; Mar. 9.
Ferris, George L., deceased, Wellston, by O. E. Vollenwelder, administrator, McArthur, assignor to The Wellston Metal Products Company, Wellston, Ohio. Sectional boat. 1,575,982; Mar. 9.
Findling, Joseph, assignor of one-half to L. L. Campbell, New York, N. Y. Cushion vehicle tire. 1,575,749; Mar. 9.
Firestone Steel Products Company, The. (See Swain, Joseph G., assignor.)
Firestone Tire and Rubber Company, The. (See Maranville, H. F., and Steele, assignors.)
Firestone Tire and Rubber Company, The. (See Pade, Max H., assignor.)
Firestone Tire and Rubber Company, The. (See Shepard, N. A., and Krall, assignors.)
Fish, Gilbert D., Washington, D. C., assignor to F. L. Stanton, New York, N. Y. Surveying instrument for mapping solid bodies. 1,575,983; Mar. 9.
Fisher Body Corporation. (See Simpson, E. G., and Haberer, assignors.)
Fisher, Elizabeth H., Chicago, Ill. Doll. Des. 69,646; Mar. 9.
Fleischmann Company, The. (See Hoffman, C., and Frey, assignors.)
Fleischmann Company, The. (See Hoffman, C., Cregor, and Grigsby, assignors.)
Flesher, Thomas J., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Bull wheel and the like. 1,575,984; Mar. 9.
Fletcher, Edward F., assignor to Worcester Brush and Scraper Company, Worcester, Mass. Brush. 1,576,182; Mar. 9.
Flynn, James J. (See Hooke, F. G., and Flynn.)
Flynn, Michael A., Akron, Ohio. Device for locating inner tubes in molds. 1,576,107; Mar. 9.
Fogler, George L., Tulsa, Okla. Separator. 1,576,108; Mar. 9.
Follet, William, assignor to The Crawford, McGregor and Canby Company, Dayton, Ohio. Heel gauge. 1,576,183; Mar. 9.
Folts, Erton T., Creswell, Oreg. Chocolate-confection-display tray. 1,576,420; Mar. 9.
Fooks, Nelson H., Preston, Md. Apparatus for heat treating substances packed in sealed receptacles. 1,576,421; Mar. 9.
Forman, Adam, and R. Matchett, Beattock, Scotland. Humidifier for internal-combustion engines. 1,576,109; Mar. 9.
Fortin, Georges, assignor of one-half to A. Brulotte, Quebec, Quebec, Canada. Safety lock for automobiles. 1,576,320; Mar. 9.
Foster, Shubel A., Ferndale, Mich. Determining the temperature of internal-combustion engines. 1,575,750; Mar. 9.
Fostoria Glass Co. (See Magee, William H., assignor.)
Fox, Lee, Rock Island, Ill. Piston for internal-combustion engines. 1,575,751; Mar. 9.
Frame, Violet. (See Larimore, E., and Frame.)
Frank, William J. (See Alberty, L. M., and Frank.)
Freeman, Harold A., Los Angeles, Calif. Mold for making rubber goods. 1,576,184; Mar. 9.
Fred, Thomas W., Chattanooga, Tenn. Display tray. 1,576,422; Mar. 9.

French, Irwin J., Pittsburgh, assignor of one-half to A. C. Good, Wilkinsburg, Pa. Steam and hot-water boiler. 1,576,185; Mar. 9.

Frey, Charles N. (See Hoffman, C., and Frey.)

Frey, Fanny, Brooklyn, N. Y. Container for ice boxes of the like. 1,575,906; Mar. 9.

Fröhlich, Jaroslav, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs and making same. 1,575,678; Mar. 9.

Fröhlich, Jaroslav, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs and making same. 1,575,679; Mar. 9.

Fugina, Arthur R. (See Clough, J. E., Stillwell, and Fugina.)

Fulenwider, Harry. (See Fulenwider, Jesse and H.)

Fulenwider, Jesse and H., Savannah, Ga. Roofing fastener. 1,576,423; Mar. 9.

Fuller, Frederic B. (See Smith, E. L., and Fuller.)

Fulton Company, The. (See Fulton, Weston M., assignor.)

Fulton, Weston M., assignor to The Fulton Company, Knoxville, Tenn. Thermostatically-operated radiator casing. 1,576,186; Mar. 9.

Fussell, Edward A. (See Gold, E. H., and Russell.)

Fyrac Manufacturing Company. (See Whitsett, Cameron A., assignor.)

G & G Atlas Systems, Inc. (See Dinspel, William H., assignor.)

Galloway, Robert M., and P. C. Burton, assignors to The National Automatic Tool Company, Richmond, Ind. Drilling machine. 1,576,110; Mar. 9.

Garner, James C., Houston, Tex. Cotton gin. 1,576,111; Mar. 9.

Galvin, George P., and F. L. Sweney, Dallas, Tex. Cleaner drum for cotton-gin feeders. 1,575,985; Mar. 9.

Gamble, Burton L., jr., St. Petersburg, Fla. Circuit closer for back signals. 1,575,986; Mar. 9.

Gamewell Company, The. (See Suren, Nathan H., assignor.)

Ganski, Joseph F., Portland, Me. Doughnut machine. 1,576,270; Mar. 9.

Garvey, James M., assignor to Garvey-Weyenberg Construction Company, Appleton, Wis. Subgrade planer. 1576,112; Mar. 9.

Garvey-Weyenberg Construction Company. (See Garvey, James M., assignor.)

Gasser, Charles B., Reading, Pa. Mechanism for frying potato chips and the like. 1,576,321; Mar. 9.

Ganghan, William P., San Jose, Calif. Fruit gatherer. 1,576,113; Mar. 9.

Gautschy, Otto, et al. (See Schauman, Bror M., assignor.)

Geier, P. A., Company. (See Hedges, G. L., and Martinet, assignors.)

Geiger, William A., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Hand brake for railway cars. 1,575,752; Mar. 9.

General Electric Company. (See Boyer, Sylvester, assignor.)

General Electric Company. (See Bullock, Charles F., assignor.)

General Electric Company. (See Church, Frederick P., assignor.)

General Electric Company. (See Davey, Wheeler, P., assignor.)

General Electric Company. (See Dietze, Richard, assignor.)

General Electric Company. (See Downes, Louis W., assignor.)

General Electric Company. (See Hull, Chester I., assignor.)

General Electric Company. (See Hastings, H. C., and Tuppen, assignors.)

General Electric Company. (See Hewlett, E. M., and Willard, assignors.)

General Electric Company. (See Junken, Lawrence H., assignor.)

General Electric Company. (See Langley, Ralph H., assignor.)

General Electric Company. (See Rippl, Francis J., assignor.)

General Electric Company. (See Schwennker, Charles F., assignor.)

General Electric Company. (See Standerwick, Reginald G., assignor.)

General Electric Company. (See Stevens, Harry M., assignor.)

General Electric Company. (See Tobey, Harry W., assignor.)

General Electric Company. (See Van Dyck, Arthur F., assignor.)

General Electric Company. (See Weise, Albert F., assignor.)

General Engineering Company, The. (See Genter, Albert L., assignor.)

General Phonograph Corporation. (See Heineman, Otto, assignor.)

Genter, Albert L., assignor of one-half to The General Engineering Company, Salt Lake City, Utah. Filtering and thickening process and apparatus. 1,575,907; Mar. 9.

Gesellschaft für Chemische Produktion m. b. H. (See Müller-Clemm, Hellmuth, assignor.)

Gibson, Albert E., Springfield, Pa., assignor to The Dentists' Supply Company. Placing pins in artificial teeth. 1,575,753; Mar. 9.

Giefer, Philip, Fielding, Mont. Aircraft. 1,575,680; Mar. 9.

Gilbreath, Victor G., and S. T. Williamson, Seattle, Wash. Lumber bunk. 1,576,271; Mar. 9.

Gill, George W., assignor of one-half to W. E. Knopp, Battle Creek, Mich. Bell ringer. 1,575,754; Mar. 9.

Gillam, Wallace R., Tallmadge, assignor to Lambert Tire & Rubber Co., Barberton, Ohio. Adapting wide-base cushion tires to narrow-base rims. 1,576,044; Mar. 9.

Gilman, George H., Claremont, N. H., assignor to Sullivan Machinery Company. Rotary fluid-pressure motor. 1,575,987; Mar. 9.

Gilmore, George J., and C. A. Rommel, Chicago, Ill. Air-filter attachment for motor-vehicle engines. 1,575,908; Mar. 9.

Giselson, Mattias J., Orsten, Tronodal, Sweden. Moving-picture machine. 1,575,909; Mar. 9.

Glaspey, Warren E., Bridgeton, N. J., assignor to Spring Stopper Company, New York, N. Y. Machine for making glass containers. 1,576,114; Mar. 9.

Gleerup-Möller, Christian, Solyst, Horsens, Denmark. Advertising apparatus. 1,575,988; Mar. 9.

Goblin Mint Company. (See Cochran, Burt B., assignor.)

Godwin, Joe. (See Russell, S. J. and Godwin.)

Goetz, Julius F., Hartford, Wis. Controlling device. 1,575,826; Mar. 9.

Goersch, William F. J., Cleveland, Ohio. Demountable rim for cushion tires. 1,575,910; Mar. 9.

Gold, Egbert H., and E. A. Russell; said Russell, assignor of one-half of the entire right to Vapor Car Heating Company, Inc., Chicago, Ill. Hose coupling. 1,576,115; Mar. 9.

Goldbetter, Lew, and S. M. Drummer, assignors to Primrose Novelty Corporation, New York, N. Y. Supporting device for shoe buckles. 1,576,273; Mar. 9.

Golding Bros. Company. (See Korzinek, William C., assignor.)

Goldman, George J., et al. (See Balcker, Marten, assignor.)

Goldman, Nicholas N., et al. (See Balcker, Marten, assignor.)

Goldsmith, Herman, New York, N. Y. Combined container and humidor. 1,576,272; Mar. 9.

Goldstein, Aaron A., Buffalo, N. Y. Cuff button. 1,575,827; Mar. 9.

Gollob, Stephan, Boulder, Colo. Combined desk set and lamp stand. Des. 69,647; Mar. 9.

Goméz, Alfro H., Wilkinsburg, Pa. Calculating device. 1,575,911; Mar. 9.

Good, Albert C. (See French, Irwin J., assignor.)

Goodlatte, T. R., & Sons, Inc. (See Bastown, Carrodus, assignor.)

Goodlatte, T. R., & Sons, Inc. (See Burroughs, John F., assignor.)

Goodlatte, T. R., & Sons, (Inc.). (See Dorr, Marguerite W., assignor.)

Goodlatte, T. R., & Sons, (Inc.). (See Fauser, Gustave M., assignor.)

Goodman, Lazure L., Indianapolis, Ind. Badge. Des. 69,648; Mar. 9.

Goodman, William, Pueblo, Colo. Safety link. 1,576,424; Mar. 9.

Goodnight, William L., Smallett, Mo. Shovel-attaching device. 1,576,425; Mar. 9.

Goodyear Tire & Rubber Company, The. (See Brittain, Harold A., assignor.)

Goodyear Tire & Rubber Company, The. (See Kimmich, Elmer G., assignor.)

Goodyear Tire & Rubber Company, The. (See Morse, Herman E., assignor.)

Grant, Ulysses R., Alameda, assignor to Hygienic Seat Company, San Francisco, Calif. Sanitary toilet seats. 1,575,912; Mar. 9.

Green Engineering Company. (See Poppenhausen, H. A., and Strong, assignor.)

Greene, Fred E., Berkeley, Calif. Paving material and preparing same. 1,576,045; Mar. 9.

Greene, George S., and L. Weiher, New York, N. Y. Rim. 1,576,116; Mar. 9.

Gresser, Peter, Chicago, Ill. Connection for lubricating systems. 1,575,755; Mar. 9.

Griffin, Sidney S., Detroit, Mich. Coaster steering gear. 1,576,426; Mar. 9.

Griffiths, Richard T., assignor to The Miller Rubber Company, Akron, Ohio. Rubber-lined acid drum or container. 1,575,681; Mar. 9.

Griffiths, Richard T., assignor to The Miller Rubber Company, Akron, Ohio. Inflatable figure toy. 1,575,682; Mar. 9.

Grigsby, Harry D. (See Hoffman, C., Cregor, and Grigsby.)

Groves, Robert E., and O. B. Carnahan, Clarksburg, W. Va. Window attachment. 1,575,683; Mar. 9.

Guignard, Gaston P., Melun, France. Recovery of ammonia from vinasses. 1,576,427; Mar. 9.

Gund, Adolf, New York, N. Y. Walking toy. 1,576,435; Mar. 9.

Gustin, Daniel S., East Orange, N. J., assignor to Westinghouse Lamp Company. Seal and making the same. 1,576,436; Mar. 9.

Guthrie, George A., assignor of one-half to M. E. Guthrie, Forgan, Okla. Spraying device. 1,576,046; Mar. 9.

Guthrie, James, Elyria, Ohio. Wheel. 1,576,117; Mar. 9.

Guthrie, Miron E. (See Guthrie, George A., assignor.)

Haapanen, Henry W., Sturgis, Ky. Safety apparatus for use in mines. 1,575,626; Mar. 9.

Haberer, Albert. (See Simpson, E. G., and Haberer.)

Habeshan, Anthony, Bogota, N. J. Window frame. 1,575,684; Mar. 9.

Hadwiger, Oscar E., Pueblo, Colo. Floor-surfacing machine. 1,576,428; Mar. 9.

Hahn, Francis, Bergenfield, N. J., assignor, by mesne assignments, to Repro-Art Machinery Co. Color photography. 1,576,118; Mar. 9.

Hall, Chester I., Fort Wayne, Ind., assignor to General Electric Company. Protective relay. 1,576,119; Mar. 9.

Hall, Elbert J., Berkeley, Calif. Piston and making same. 1,575,828; Mar. 9.

Hall, Francis C., New York, N. Y. Toilet rack. 1,575,913; Mar. 9.

Haller, Josef, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Azo dye. 1,576,322; Mar. 9.

Halloran, Herman J., Roslindale, Mass. Gravity level. 1,576,437; Mar. 9.

Hambidge, William A., Upland, Ind. Swing. 1,575,829; Mar. 9.

Hamilton, Charles. (See King, J., Snider, and Hamilton.)

Hamilton, Francis F., Indianapolis, Ind. Box. Des. 69,649; Mar. 9.

Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Double-drum hoist. 1,575,914; Mar. 9.

Harris, Clesson S., Newberg, Oreg. Cutter. 1,575,756; Mar. 9.

Harris, Garvin M., Lancashire, England. Manufacture of tin plate. 1,576,274; Mar. 9.

Hart, Austin H., Montclair, N. J., assignor, by mesne assignments, to Rome Radiation Company, Inc. Radiator. 1,575,915; Mar. 9.

Hartmann, Miner L., assignor to The Carborundum Company, Niagara Falls, N. Y. Zirconium carbide. 1,576,275; Mar. 9.

Hartmann Trunk Company. (See Ritter, Julius, jr., assignor.)

Harwood, John, Baldrine, Lonon, Isle of Man. Wrist watch and other watch. 1,576,120; Mar. 9.

Haseltine, Stacy B., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,575,757; Mar. 9.

Hasler, Albert, and E. L. Probert, Hazleton, Pa., assignors to Duplan Silk Corporation, New York, N. Y. Warping machine. 1,575,758; Mar. 9.

Hastings, Hammond C., and E. B. Tuppen, Rugby, England, assignors to General Electric Company. System of electric-motor control. 1,576,187; Mar. 9.

Hauser, André, Mexico, Mexico. Pulping machine for treating plants yielding fibrous matter. 1,576,047; Mar. 9.

Haven, Grace V., Berkeley, Calif. Brassière. 1,575,989; Mar. 9.

Haviland, George, Limoges, France. Pitcher or similar article. Des. 69,650; Mar. 9.

Haviland, George, Limoges, France. Pitcher or similar article. Des. 69,651; Mar. 9.

Haynie, Amzi F., Batson, Tex. Cable connection. 1,575,759; Mar. 9.

Hays, Howard R., assignor to H. S. and L. Levy, Philadelphia, Pa. Multiple attachment for cameras. 1,575,990; Mar. 9.

Headley, John W., jr. (See Salvucci, Natale, assignor.)

Heath, Delos P., Detroit, Mich. Refrigerating apparatus. 1,576,188; Mar. 9.

Hedges, George L., and E. F. Martinet, assignors to The P. A. Geier Company, Cleveland, Ohio. Automatic electric switch and circuit. 1,576,276; Mar. 9.

Hedstrom, Gustave E., Long Beach, Calif. Fluid brake. 1,575,916; Mar. 9.

Heine Boiler Company. (See Cotton, Alfred, assignor.)

Heineman, Otto, New York, N. Y., assignor to General Phonograph Corporation. Radio loud speaker. Des. 69,652; Mar. 9.

Heineman, Otto, New York, N. Y., assignor to General Phonograph Corporation. Radio loud speaker. Des. 69,653; Mar. 9.

Heinze, Ernst, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne-on-the-Rhine, Germany. Electrode for use in the electrolytic evolution of gases. 1,575,627; Mar. 9.

Heller, Richard D., Boise, Idaho. Screening device. 1,575,991; Mar. 9.

Hellstrand, Edward A., Guildford, England. Motor vehicle. 1,576,323; Mar. 9.

Henley's, W. T., Telegraph Works Company Limited. (See Judge, Ernest E., assignor.)

Hercules Powder Company. (See Ayer, William T., assignor.)

Herman, Joseph, New York, N. Y., assignor to American Telephone and Telegraph Company. Telegraph signaling system. 1,575,628; Mar. 9.

Hermanson, Aaron, Rockford, Ill. Cabinet for graphophone records. 1,576,277; Mar. 9.

Herrmann, Karl L., Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind. Tire-carrier support. 1,575,685; Mar. 9.

Heuchel, Jean P., Rouen, France. Carburcting apparatus. 1,575,830; Mar. 9.

Hewlett, Edward M., and W. W. Willard, Schenectady, N. Y., assignor to General Electric Company. System for the transmission of angular motion. 1,576,189; Mar. 9.

Heywood, Charles F., Buenos Aires, Argentina. Fluid-pump-controlling device and the like. 1,575,760; Mar. 9.

Hicks, John B., assignor of one-half to H. L. Payne, Safford, Ariz. Combined school desk and seat. 1,576,278; Mar. 9.

Higham, John, Los Angeles, Calif. Folding stove. 1,575,831; Mar. 9.

Higman, Elmer E., Kansas City, Kans. Slaughtering device. 1,575,832; Mar. 9.

Ho, Sang M., assignor to May Chong Co. Inc., New York, N. Y. Textile fabric. Des. 69,654; Mar. 9.

Hodgkins, Edward F., Beverly, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Abrading machine. 1,575,686; Mar. 9.

Hodgson, Harriette E., New York, N. Y. Artificial arm. 1,576,487; Mar. 9.

Hodgson, Harriette E., New York, N. Y. Ice bag. 1,576,488; Mar. 9.

Hoffman, Charles, Tuckahoe, N. M. Cregor, New York, and H. D. Grigsby, Brooklyn, assignors, by mesne assignments, to The Fleischmann Company, New York, N. Y. Manufacture of yeast. 1,575,761; Mar. 9.

Hoffman, Charles, Tuckahoe, N. Y., and C. N. Frey, Warren, Ohio., assignors, by mesne assignments, to The Fleischmann Company, New York, N. Y. Preparing yeast for use in food products. 1,575,762; Mar. 9.

Hoffman, Earl E., assignor to Indian Motorcycle Company, Springfield, Mass. Display stand for supporting two-wheeled vehicles. 1,576,048; Mar. 9.

Hogan, George L., Chicago, Ill. Apparatus for transmitting copies. 1,576,049; Mar. 9.

Hoge, James B., Cleveland, Ohio, and E. E. Clement, assignors to E. F. Colladay, Washington, D. C. Radiophone broadcasting system. 1,576,324; Mar. 9.

Holcombe Textile Equipment Co. (See Lehman, John F., assignor.)

Hollick, Frederick W., Gourock, Scotland, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Jib crane. 1,575,687; Mar. 9.

Holman, Arthur T., Camborne, and K. J. Holman, Carbis Bay, assignors to Holman Brothers Limited, Camborne, Cornwall, England. Forging machine. 1,576,279; Mar. 9.

Holman Brothers Limited. (See Holman, Arthur T. and K. J., assignors.)

Holman, Kenneth J. (See Holman, A. T. and K. J.)

Holt, Edward, Co. (See Holt, Edward E. assignor.)

Holt, Edward E., assignor to Edward Holt Co., Chicago, Ill. Dust caps and the like. 1,575,833; Mar. 9.

Hooke, Fred G., and J. J. Flynn, Lowell, Mass. Sole trimming and polishing wheel. 1,575,763; Mar. 9.

Hopf, Rudolph A., assignor to Averill Manufacturing Corporation, New York, N. Y. Convertible cart. 1,576,325; Mar. 9.

Horelick, Samuel, Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Transformer. 1,576,280; Mar. 9.

Horne, Isaac L., assignor of one-half to P. Burkett, West Graham, Va. Bulletin cabinet. 1,576,326; Mar. 9.

Hubbard, Theo B., Houston, Tex. Rod bender. 1,575,764; Mar. 9.

Hubbard, William W., Mendota, Ill. Washboard. 1,575,765; Mar. 9.

Hubbell, Harvey, Bridgeport, Conn. Locking lamp. 1,575,992; Mar. 9.

Huber, John, Los Angeles, Calif. Flanging machine. 1,576,281; Mar. 9.

Hughes, Hugh T., assignor of one-half to A. Crost, Cleveland, Ohio. Rubber heel. 1,576,282; Mar. 9.

Hughes, James H., Canton, Ohio. Handle-painting machine. 1,576,327; Mar. 9.

Hughes Tool Company. (See Scott, Floyd L., assignor.)

Hunt, Charles J., assignor of one-half to W. L. Clem, Barnsdall, Okla. Drying tumbler. 1,575,917; Mar. 9.

Huntington, Edward E., assignor to The Willys-Overland Company, Toledo, Ohio. Headlamp. Des. 69,655; Mar. 9.

Huntley, Ernest R., Los Angeles, Calif., assignor to Industrial Research Corporation, Toledo, Ohio. Engine-starting mechanism. 1,575,918; Mar. 9.

Hurckes, Henry A., Chicago, Ill. Feed-water regulator. 1,575,834; Mar. 9.

Hurley, Justin T., New York, N. Y. Multiprocess register. 1,575,835; Mar. 9.

Hurshman, George H., Graybull, Wyo. Still. 1,575,919; Mar. 9.

Hutchings, Charles E., assignor to Eastman Kodak Company, Rochester, N. Y. Adjustable lens board for cameras. 1,575,836; Mar. 9.

Hutton, Frank O., Sacramento, Calif. Can conveyer. 1,576,429; Mar. 9.

Hygienic Seat Company. (See Grant, Ulysses R., assignor.)

Ice Cream Cone Machinery, Inc. (See Tatosian, Harry G., assignor.)

Ile, William, Jackson, Mich. Electric switch. 1,575,837; Mar. 9.

Ile, William, Jackson, Mich. Electrical connecter. 1,575,838; Mar. 9.
Illinois Tool Works. (See Olson, Carl G., assignor.)
Indian Motorcycle Company. (See Hoffman, Earl E., assignor.)
Industrial Research Corporation. (See Huntley, Ernest R., assignor.)
Ingersoll-Rand Company. (See Bancel, Paul A., assignor.)
Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)
Ingersoll-Rand Company. (See Prellwitz, William, assignor.)
Ingersoll-Rand Company. (See Slater, Fred M., assignor.)
International Combustion, Limited. (See Rosencrants, Fay H., assignor.)
International Harvest Hat Company. (See Murphy, George W., assignor.)
International Register Co. (See Woodward, Arthur H., assignor.)
International Spotlight Corporation. (See Sklarek, Clifford, assignor.)
Ireland, Thomas H., Rockville Center, N. Y. Humidifying system. 1,575,839; Mar. 9.
Irwin, Hiram D., Beckley, W. Va. Refrigerating cabinet. 1,576,328; Mar. 9.
Isbell, Clementine, administratrix. (See Isbell, John F.)
Isbell, John F., deceased, Alhambra; C. Isbell, administratrix, assignor of one-half to O. Q. Beckwith, Los Angeles, Calif. Screen separator. 1,576,430; Mar. 9.
Jackson, Albert H., London, England. Electrically-propelled vehicle. 1,575,766; Mar. 9.
Jackson, Frank H., Washington, D. C., dedicated, by mesne assignments, to the citizens of the United States. Testing the consistency of concrete. 1,576,438; Mar. 9.
Jackson, Harry, Brooklyn, N. Y. Pump. 1,575,767; Mar. 9.
Jackson, Harry H., assignor of one-fourth to J. V. Baldwin, one-fourth to A. E. Baldwin, and one-fourth to B. H. Sonntag, Los Angeles, Calif. Clutch mechanism. 1,576,190; Mar. 9.
Jackson, John L., et al. (See Dalrymple, Lewis K., assignor.)
Jacques, Isaie, Granby, Quebec, Canada. Adjustable dustproof and rustproof axle. 1,576,329; Mar. 9.
Jeans, William H., assignor to Dayton Scale Company, Dayton, Ohio. Crowder for meat choppers. 1,575,840; Mar. 9.
Jelleme, William O., Passaic, N. J., assignor to Brighton Mills. Bag woven fabric and making them. 1,576,191; Mar. 9.
Jellison, Robert E., New Auburn, Minn. Connecter. 1,576,050; Mar. 9.
Jenkins, William H., Detroit Park, Mich. Feed box. 1,575,629; Mar. 9.
Jennings, Frank, Winslow, Ind. Holding chair for rails. 1,576,192; Mar. 9.
Jepsen, Julius. (See Polachek, J., Jepsen, and Peremi.)
Jewell, Frederick C. (See Jewell, Henry S. and F. C.)
Jewell, Henry S. and F. C., Chicago, Ill. Coin-controlled vending mechanism. 1,575,841; Mar. 9.
Joannides, Christe, Constantinople, Turkey. Manufacture of dental plates and apparatus therefor. 1,575,688; Mar. 9.
John, Peter, Milwaukee, Wis. License-plate holder. 1,576,193; Mar. 9.
Johns, Ernest B. (See Wildberger, T., and Johns.)
Johnson, Arthur A., Bridgeport, Conn., assignor to The Egry Register Company, Dayton, Ohio. Autographic register. 1,576,194; Mar. 9.
Johnson, Clarence P., Newton, Mass. Commodity-display stand. 1,576,283; Mar. 9.
Johnson, Grandin V., et al. (See Schauman, Bror M., assignor.)
Johnson, Harry W., et al. (See Schauman, Bror M., assignor.)
Johnson, Josiah F., Swarthmore, Pa., assignor to Westinghouse Electric & Manufacturing Company. Automatic stop for turbines. 1,575,993; Mar. 9.
Johnson, Maxwell O., Waipio, Hawaii. Apparatus for concentrating solutions. 1,576,136; Mar. 9.
Johnson, Maxwell O., Waipio, Hawaii. Apparatus for concentrating solutions. 1,576,137; Mar. 9.
Johnston, Robert J., Kansas City, Mo. Wall plaster board. 1,575,842; Mar. 9.
Jones, Alfred, Birmingham, England. Press guard. 1,575,843; Mar. 9.
Jones, Charles A., Gloucester, England. Folding wardrobe, cupboard, and the like. 1,576,284; Mar. 9.
Jones, John G., and H. G. Dewey, assignors to Eastman Kodak Company, Rochester, N. Y. Sticker band for photographic cartridges. 1,575,844; Mar. 9.
Joyce, Bryan P., Davenport, Iowa, assignor to T. A. Conlon, Silver Spring, Md. Replenisher. 1,575,845; Mar. 9.
Judge, Ernest E., Gravesend, assignor to W. T. Henley's Telegraph Works Company Limited, London, England. Lead covering of electric cables and the like by extrusion. 1,575,768; Mar. 9.
Juli, Charles H., Ben Avon, assignor to Pittsburgh-Erie Saw Company, Pittsburgh, Pa. Power saw. 1,576,051; Mar. 9.
Junken, Lawrence H., Schenectady, N. Y., assignor to General Electric Company. System for transmitting angular motion. 1,576,195; Mar. 9.
Kalgren, John E., assignor to J. R. Clark Company, Minneapolis, Minn. Stepladder. 1,575,689; Mar. 9.
Kamerer, Emanuel A., Cedar, Iowa. Folding chicken coop. 1,576,330; Mar. 9.
Karsten, Karl G., New York, N. Y. Centrifugal machine. 1,575,846; Mar. 9.
Kath, Alfred W., assignor to Arthur Colton Company, Detroit, Mich. Clip-attaching machine. 1,576,480; Mar. 9.
Kaufman, Frank M., Philadelphia, Pa. Textile fabric. Des. 69,656; Mar. 9.
Kaufman, Frank M., Philadelphia, Pa. Textile fabric. Des. 69,657; Mar. 9.
Kausal, Joseph B., Chicago, Ill. Aisle chair. 1,575,690; Mar. 9.
Kaye, John A., Sault Ste. Marie, Ontario, Canada. Return envelope. 1,575,769; Mar. 9.
Kaye, John W., Luling, Tex. Tie buckle. 1,576,052; Mar. 9.
Kelley, Edward G., and C. Zirkle, Greenville, Ohio. Automatic valve. 1,576,331; Mar. 9.
Kemmis, Ralph R., El Paso, Tex. Rotary hairbrush. 1,576,196; Mar. 9.
Ken-Crip Corporation. (See Kennedy, Guy L., assignor.)
Kennedy, Guy L., assignor to Ken-Crip Corporation, New York, N. Y. Creating and maintaining a vacuum. 1,575,770; Mar. 9.
Kennedy, John T. (See Suris H. I., and Kennedy.)
Kerr, Walter H. (See Noonan, E. A., and Kerr.)
Kessler, Alphonso D., Dunkirk, N. Y. Hydraulic ingot-trimming press. 1,576,332; Mar. 9.
Keys, William H., Clayton, Mo. Piston ring. 1,575,920; Mar. 9.
Kienel, Frederick J., and W. M. Schwartz, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Finishing hosiery. 1,576,333; Mar. 9.
Kimball, W. W., Company. (See Ericson, Oscar A., assignor.)
Kimmich, Elmer G., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Flexible coupling. 1,575,921; Mar. 9.
King, James, L. Snyder, and C. Hamilton, Poplar Bluff, Mo. Jumpers. 1,575,847; Mar. 9.
King, John A., assignor of one-half to W. H. Riley, Milwaukee, Wis. Three-way valve. 1,575,771; Mar. 9.
King, John R., Ruthven, Iowa. Windshield control. 1,576,481; Mar. 9.
Kingsley-Miller Company, The. (See Dibelka, Henry G., assignor.)
Kinney, Deville D., Springfield, Ill. Road drag. 1,575,630; Mar. 9.
Klee, Elmer E., Triplett, Mo. Quilting frame. 1,575,691; Mar. 9.
Kliesrath, Victor W. (See Bragg, C. S., and Kliesrath.)
Knight American Patents Company. (See Knight, Charles Y., assignor.)
Knight, Arthur W., assignor to The Celite Company, Los Angeles, Calif. Front page for serial publications. Des. 69,658; Mar. 9.
Knight, Charles Y., Pasadena, Calif., assignor to Knight American Patents Company, Chicago, Ill. Water-cooling system. 1,575,692; Mar. 9.
Knobloch, Felix, Detroit, Mich. Laundry tub. 1,576,053; Mar. 9.
Knopp, Walter E. (See Gill, George W., assignor.)
Koch, Fred H., et al. (See Turner, Kelly M., assignor.)
Koch, William, et al. (See Schauman, Bror. M., assignor.)
Kokal, Frank J., Herminie, Pa. Burglar alarm. 1,576,334; Mar. 9.
Korzinek, William C., Cliffside Park, N. J., assignor to Golding Bros. Company, New York, N. Y. Textile fabric. Des. 69,659; Mar. 9.
Krall, Stanley. See Shepard, N. A., and Krall.)
Kreisinger, Henry Piermont, assignor to Combustion Engineering Corporation, New York, N. Y. Pulverization of coal. 1,576,335; Mar. 9.
Kromer, Emanuel, Spokane, Wash. Flush valve. 1,575,693; Mar. 9.
Kronshein, Wilhelm, Campbell Hill, Ill. Grave filler. 1,576,336; Mar. 9.
Kuffel, David C., and W. H. Williams, Los Angeles, Calif. Safety hook. 1,576,197; Mar. 9.
Kuhn, Frank, and L. H. Thomas, assignors to American Electrical Heater Company, Detroit, Mich. Grinding and polishing machine. 1,575,694; Mar. 9.
Kumpf, August D., Philadelphia, Pa. Elbow-making machine. 1,576,337; Mar. 9.
Kuzak, Mathew. (See Steinman, Saul, assignor.)
Lachman, Maurice, New York, N. Y. Crating. 1,575,772; Mar. 9.
Ladd, James B., Ardmore, Pa. Brick hacking. 1,576,338; Mar. 9.
Laise, Clemens A., Toledo, Ohio, assignor to The Electron Relay Company. Lead-in wire and gas-tight seal and making the same. 1,575,994; Mar. 9.
Lambert Tire & Rubber Co. (See Barrantes, R., Bonstein, and Replogle, assignors.)
Lambert Tire & Rubber Co. (See Gillam, Wallace R., assignor.)
Lambert, Vernon H., Xenia, Ohio. Traction hitch. 1,575,773; Mar. 9.

Landis & Gyr A.-G. (See Temperli, Otto, assignor.)
Landry, Adolphus H., Townsend, Mass. Loom bunter. 1,576,285; Mar. 9.
Lang, Philip, assignor to Wagner Manufacturing Company, Cedar Falls, Iowa. Door closer and check. 1,576,286; Mar. 9.
Lange, Max E. (See Drake, G. W., and Lange.)
Langley, Ralph H., Schenectady, N. Y., assignor to General Electric Company. Receiving loop. Des. 69,660; Mar. 9.
Larimore, Ethel, Barberton, and V. Frame, Akron, Ohio. Garter. 1,575,631; Mar. 9.
Larsen, Rudolf, Copenhagen, Denmark. Mouthpiece for use in blowing soap bubbles. 1,576,287; Mar. 9.
Larson, Henry E., Boyd, Minn. Machine for winding or unwinding barbed wire. 1,576,054; Mar. 9.
La Rue, William D., Philadelphia, Pa., assignor to Victor Talking Machine Company. Spring motor. 1,575,695; Mar. 9.
Laselle, Clarence H., Wabash, Ind. Posting tray. 1,575,696; Mar. 9.
Laskey, Philip B., Marblehead, Mass., assignor to Chocolate Sponge Co., Inc., Brooklyn, N. Y. Making porous candy. 1,576,339; Mar. 9.
Laubach, Clinton E. E., Pottsville, Pa. Steering wheel. 1,575,848; Mar. 9.
Law, Harvey S., Charleston, Ill. Stock-feeding trough. 1,576,288; Mar. 9.
Lawlor, Simeon C., Chicago, Ill. Wringing apparatus. 1,575,774; Mar. 9.
Ledden, Thomas H., Ridgway, Pa. Incinerator. 1,576,289; Mar. 9.
Ledendecker, Carl H. (See Dozier, Edd, assignor.)
Lehman, John F., assignor, by mesne assignments, to Holcombe Textile Equipment Co. Inc., Birmingham, Ala. Automatic bunch builder. 1,576,198; Mar. 9.
Leighton, Georges, Paris, France. Manufacture of drawing tacks. 1,576,055; Mar. 9.
Leinweber, Adolf, Munich, Germany. Casting mold. 1,575,995; Mar. 9.
Leirmann, George W., Minneapolis, Minn. Artificial limb. 1,575,849; Mar. 9.
Lenling, John W., Groton, S. Dak. Anchoring means for wire tensioners. 1,575,922; Mar. 9.
Lenormand, Alfred, San Francisco, Calif. Tongs. 1,576,290; Mar. 9.
Le Provost, Henri E., Argenteuil, France. System of photographic apparatus with curved focus. 1,576,340; Mar. 9.
Lehn, George P., assignor to United States Gypsum Company, Chicago, Ill. Roof. 1,576,482; Mar. 9.
Lesser, Bernard, Cedarhurst, N. Y. Size indicator for garment hangers. 1,575,775; Mar. 9.
Leasing, Samuel J., St. Joseph, Mich. Paintbrush. 1,575,697; Mar. 9.
Lesson, Isadore, Brooklyn, N. Y. Bloomers. Re16,282; Mar. 9.
Lester, William H., assignor to Elgin American Manufacturing Co., Elgin, Ill. Holder for toilet articles. Des. 69,661; Mar. 9.
Levy, Howard S., et al. (See Hays, Howard R., assignor.)
Levy, Howard S., Philadelphia, Pa. Determining and correcting the ruled plane of a halftone process screen. 1,575,996; Mar. 9.
Levy, Lionel, et al. (See Hays, Howard R., assignor.)
Lewis, Eugene D., Bessemer, Ala. Radiator cover. 1,575,632; Mar. 9.
Lewis, Fred K., Ashtabula, Ohio. Top for vehicles and the like. 1,576,199; Mar. 9.
Libby, Howard O. (See Wood, H. P., Strickland, Witham, and Libby.)
Liefke, R., & Company. (See Liefke, Rudolf, assignor.)
Liefke, Rudolf, assignor to R. Liefke & Company, New York, N. Y. Fluid-control apparatus. 1,576,056; Mar. 9.
Liefke, Rudolf, assignor to R. Liefke & Company, New York, N. Y. Fluid-control apparatus. 1,576,057; Mar. 9.
Ligniez, Kurt, Mannheim, Germany. Automatic inlet-valve mechanism for reciprocating engines. 1,576,240; Mar. 9.
Limpert, Alexander S. and S. A., Bay Shore, assignors to Limpert Ice Machine Corporation, New York, N. Y. Sealing device for refrigerating apparatus. 1,575,850; Mar. 9.
Limpert Ice Machine Corporation. (See Limpert, Alexander S. and S. A., assignors.)
Limpert, Sylvester A. (See Limpert, Alexander S. and S. A.)
Lincoln Manufacturing Company. (See Airo, Sally, assignor.)
Lindsay, Hamilton, assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Seam for woven-wire belts. Re16,290; Mar. 9.
Lindsay Wire Weaving Company, The. (See Lindsay, Hamilton, assignor.)
Linotype and Machinery Limited. (See Drake, Tom, assignor.)
Littleton, Thomas F. (See Burke, L. A., and Littleton.)
Londy, Samuel M., Detroit, Mich. Method and apparatus for handling money. 1,575,776; Mar. 9.
Loether, Charles, Lafontaine, Kans. Vehicle brake. 1,575,923; Mar. 9.
Long, William H., Berkeley, Calif. Controlling the admission of water to tanks. 1,575,851; Mar. 9.
Lombard, Théodore. (See Bader, M., Lombard, Sunder, and Vaucher.)
Louis, Terrence G., Springfield, Mass., assignor to Wico Electric Company. Magneto. 1,576,439; Mar. 9.
Love, Charles H., Mattoon, Ill. Metallic packing for piston rods. 1,576,341; Mar. 9.
Lucas, Clarence W. (See Mueller, P., Lucas, and Schuermann.)
Luitweiler Pumping Engine Company. (See Minor, William A., assignor.)
Macomber, George R., Chicago, Ill. Apparatus for winding and unwinding films. 1,576,343; Mar. 9.
Macpherson, Stuart, and J. C. Porter, Pittsburgh, Pa. Spark plug. 1,576,344; Mar. 9.
Maeda, Rinsai, Seattle, Wash. Mop. 1,576,203; Mar. 9.
MacGregor, Wallace F., assignor to J. I. Case Threshing Machine Company, Racine, Wis. Ensilage cutter. 1,575,853; Mar. 9.
Mack, Luther L., South Pasadena, Calif. Fluid brake for automobiles. 1,575,999; Mar. 9.
MacMicking, William P., St. Paul, Minn. Automobile signal. 1,575,854; Mar. 9.
Magee, William H., assignor to Fostoria Glass Co., Moundsville, W. Va. Bowl. Des. 69,663; Mar. 9.
Magee, William H., assignor to Fostoria Glass Co., Moundsville, W. Va. Bowl. Des. 69,664; Mar. 9.
Magee, William H., assignor to Fostoria Glass Co., Moundsville, W. Va. Bowl. Des. 69,665; Mar. 9.
Magee, William H., assignor to Fostoria Glass Co., Moundsville, W. Va. Bowl. Des. 69,666; Mar. 9.
Magee, William H., assignor to Fostoria Glass Co., Moundsville, W. Va. Bowl. Des. 69,667; Mar. 9.
Magee, William H., assignor to Fostoria Glass Co., Moundsville, W. Va. Vase. Des. 69,662; Mar. 9.
Majors, Roy C., Reno Nev., assignor to Standard Oil Company, San Francisco, Calif. Pet-cock wrench. 1,576,000; Mar. 9.
Mali, Harry E., Chicago, Ill. Bread and the like and manufacturing the same. 1,575,855; Mar. 9.
Malleable Iron Fittings Company, The. (See Pickop, George B., assignor.)
Malone, Lester J., and S. J. Carroll, assignors to Eastman Kodak Company, Rochester, N. Y. Cellulose-acetate composition and making the same. 1,575,778; Mar. 9.
Mancha, Raymond, assignor to Mancha Storage Battery Locomotive Company, St. Louis, Mo. Electric-storage-battery locomotive. 1,575,699; Mar. 9.
Mancha Storage Battery Locomotive Company. (See Mancha, Raymond, assignor.)
Mancha Storage Battery Locomotive Company. (See Teipel, J., and Exner, assignors.)
Maranville, Harvey F., assignor to The Miller Rubber Company, Akron, Ohio. Apparatus for applying flipper strips to tire bead cores. 1,575,925; Mar. 9.
Maranville, Harvey F., and C. W. Steele, assignors, by mesne assignments, to The Firestone Tire and Rubber Company, Akron, Ohio. Process of and apparatus for making rubber strips. 1,575,700; Mar. 9.
Marquette Manufacturing Company. (See Rordgren, Algot W., assignor.)
Marshall, Thomas A., Rosemary, N. C., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Combined thread clamp and cutter. 1,575,779; Mar. 9.
Martin, Harry C., assignor to The Carborundum Company, Niagara Falls, N. Y. Filtering medium. 1,576,440; Mar. 9.
Martinet, Eugene F. (See Hedges, G. L., and Martinet.)
Martinez, Celestino, San Diego, Tex. Cotton-cleaning cylinder. 1,576,345; Mar. 9.
Martino, Faggio, Perris, Calif. Heel for boots and shoes and the like. 1,575,856; Mar. 9.
Marvel Equipment Company, The. (See Spaeth, Charles, assignor.)
Massacese, Vincenzo, New York, N. Y. Furniture spring. 1,576,441; Mar. 9.
Massachusetts Cotton Mills. (See Whittier, Fred C., assignor.)
Matchett, Richard. (See Forman, A., and Matchett.)
Matthews, George S., assignor to Matthews O'Bryan Signal Company, Kansas City, Mo. Crossing signal. 1,575,857; Mar. 9.
Matthews, Harry G., London, England. Electric gas discharge tube for photographic sound recording. 1,575,701; Mar. 9.
Matthews, Joseph W., Menard, Tex. Gate. 1,576,442; Mar. 9.
Matthews O'Bryan Signal Company. (See Matthews, George S., assignor.)
Maxey, Robert A., Williamson, W. Va. Pulling jack. 1,576,204; Mar. 9.
May Chong Co. (See Ho, Sang M., assignor.)
May Hosiery Mills. (See Perry, Napoleon J., assignor.)
McBride, Arthur C., San Diego, Calif., assignor to C. E. Corson and W. A. Wright. Brake-band-relining machine. 1,576,138; Mar. 9.
McCall Company, The. (See Cooper, Simon, assignor.)
McCann, Ronald A., assignor to Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,575,633; Mar. 9.
McCaskell, Jasper A., Salt Lake City, Utah. Shock absorber. 1,575,777; Mar. 9.

McClatchie, Stanley, Stuttgart, Germany, assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electrical connecter. 1,576,241; Mar. 9.
McCord Radiator & Mfg. Co. (See Owston, Charles W., assignor.)
McCormack, Clyde P., Cleveland, Ohio. Beneficiation of ores. 1,575,852; Mar. 9.
McDonald, A. Y., Mfg. Co. (See Szekely, Otto E., assignor.)
McDonald, Charles J., San Francisco, Calif. Changeable exhibitor. 1,575,997; Mar. 9.
McDonald, Leslie R., Montreal, Quebec, Canada. Advertisement-displaying mechanism. 1,576,200; Mar. 9.
McDonald, Leslie R., Montreal, Quebec, Canada. Display apparatus. 1,576,201; Mar. 9.
McElhany, Eugene C., Kalamazoo, Mich. Tambourine. 1,576,443; Mar. 9.
McElhaney, Frank, Morgantown, W. Va. Aeroplane. 1,576,342; Mar. 9.
McGirr, Theodore G., Brooklyn, N. Y. Machine for banding cigars. 1,575,924; Mar. 9.
McGrath, William L., assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter. 1,575,698; Mar. 9.
McKee, Arthur G., assignor to Arthur G. McKee & Company, Cleveland, Ohio. Bell-rod mounting for blast furnaces. 1,576,444; Mar. 9.
McKee, Arthur G., & Company. (See McKee, Arthur G., assignor.)
McKissick, William H., Tulsa, Okla. Tubing spider. 1,575,998; Mar. 9.
McLaren Products Co., The. (See McLaren, Walter, assignor.)
McLaren, Walter, assignor to The McLaren Products Co., Dayton, Ohio. Operating male and female molds having stripper plates. 1,576,202; Mar. 9.
McManus, Charles E., New York, N. Y. Sheet for making cushion disks and making same. 1,576,242; Mar. 9.
Mejdell, Thor, Skoien, near Christiania, and O. Ravner, assignors to Norsk Hydro-Elektrisk Kvaelstofaktieselskab, Christiania, Norway. Purifying aluminum nitrate. 1,575,634; Mar. 9.
Méker, George A. H., Courbevoie, France. Apparatus for casehardening small objects. 1,575,635; Mar. 9.
Mellis, James M., Victoria, British Columbia, and W. H. L. Mellis, Peterboro, Ontario, Canada. Direction indicator. 1,576,058; Mar. 9.
Mellis, William H. L. (See Mellis, James M. and W. H. L.)
Mellor, George A. (See Pochobradsky, B., and Mellor.)
Mendell, Glenn, Moran, Kans. Gauge. 1,576,346; Mar. 9.
Menke, Robert F., Bessmay, Tex. Key-ring holder. 1,575,858; Mar. 9.
Mentges Folder Company, The. (See Mentges, Fredrick, assignor.)
Mentges, Fredrick, assignor to The Mentges Folder Company, Sidney, Ohio. Paper-packing device. 1,576,248; Mar. 9.
Mertens, Mary A., assignor to Will & Baumer Candle Company, Incorporated, Syracuse, N. Y. Candle. 1,576,205; Mar. 9.
Metal-Thermit Corporation. (See Dziewas, August, assignor.)
Metallogen Gesellschaft mit beschrankter Haftung. (See Meurer, Nikolaus, assignor.)
Meurer, Nikolaus, Berlin-Tempelhof, assignor to Metallogen Gesellschaft mit beschrankter Haftung, Berlin-Neukolln, Germany. Plating device. 1,575,926; Mar. 9.
Meyer, Frank H., Warren, Ohio. Cushion-tire structure. 1,576,206; Mar. 9.
Meyer, Heinrich, Hiddesen, near Detmold, Germany. Miner's safety lamp. 1,575,636; Mar. 9.
Michaels, Stern & Company. (See Farrell, John J., assignor.)
Midgley, Albert H., Uxbridge, assignor to Midgley Car Lighting Company, Limited, London, England. Electric starter for internal-combustion engines. 1,575,702; Mar. 9.
Midgley Car Lighting Company, Limited. (See Midgley, Albert H., assignor.)
Miehle Printing Press & Mfg. Co. (See Booth, George, assignor.)
Miles, Ezekiel J., Detroit, Mich., assignor to Studebaker Corporation, Manifold for internal-combustion engines. 1,575,859; Mar. 9.
Miller Improved Gas Engine Company, The. (See Watts, Elmer A., assignor.)
Miller Rubber Company, The. (See Brundage, James W., assignor.)
Miller Rubber Company, The. (See Bulley, George W., assignor.)
Miller Rubber Company, The. (See Griffiths, Richard T., assignor.)
Miller Rubber Company, The. (See Maranville, Harvey F., assignor.)
Miller Rubber Company, The. (See Warner, Raymond M., assignor.)
Miner, Floyd E. (See Du Mais, L. J., and Miner.)
Miner, W. H., Inc. (See Geiger, William A., assignor.)
Miner, W. H., Inc. (See Haseltine, Stacey B., assignor.)
Miner, W. H., Inc. (See O'Connor, John F., assignor.)
Minor, William A., assignor to Luftweller Pumping Engine Company, Rochester, N. Y. Deep-well pump. 1,75,780; Mar. 9.
Mirrey, James, East Boldon, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Metal-clad electric switch gear. 1,576,847; Mar. 9.
Mitchell, Allister S., assignor to California Cotton Mills Company, Oakland, Calif. Process and apparatus for Stuffing upholstery. Re16,283; Mar. 9.
Mitchell, Ollia R. (See Davis, R. C., and Mitchell.)
Mitchell, Wilfrid B., Lisbon, Portugal. Instrument or apparatus for indicating the flow or consumption of liquids such as liquid fuel. 1,576,445; Mar. 9.
Monro, William L., assignor to Window Glass Machine Company, Pittsburgh, Pa. Drawing glass sheets. 1,576,446; Mar. 9.
Montague, John J. (See Banholzer, H. W., and Montague.)
Moran, Frank A., Springfield, assignor to National Scale Corporation, Chicopee Falls, Mass. Elevating truck. 1,575,781; Mar. 9.
Moreland, Jesse I., Dodd City, Tex. Wind-operated sign. 1,576,447; Mar. 9.
Monk, Travis B., Crete, Ill. Internal-combustion engine. 1,575,860; Mar. 9.
Moran, Martin F., Nekoma, Kans. Inkwell. 1,576,348; Mar. 9.
Moritz, Adolph, Atlanta, Ga. Tie-lock seal. 1,576,059; Mar. 9.
Morse, Herman E., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Flexible coupling 1,575,927; Mar. 9.
Moss, Arthur H., Misterton, England. Supply of auxiliary air to internal-combustion engines. 1,576,349; Mar. 9.
Moss, Clarence E., Ponca City, Okla. Storage-battery-carrier and group puller. 1,576,060; Mar. 9.
Motor Protection Company, The. (See Randle, George T., assignor.)
Mowry, William F., Attleboro, Mass. Liquid-measuring device. 1,575,782; Mar. 9.
Mudra, Bohumil R., Chicago, Ill. Machine for refinishing bowling-alley pins. 1,576,448; Mar. 9.
Mueller, Adolph, trustee. (See Mueller, P., Lucas, and Schuermann, assignors.).
Mueller, Philip, C. W. Lucas, and A. C. Schuermann, assignors to A. Mueller, trustee, Decatur, Ill. Pipe or tube bending machine. 1,575,928; Mar. 9.
Müller-Clemm, Hellmuth, assignor to the Firm of Gesellschaft für Chemische Produktion m. b. H., Mannheim-Waldhof, Germany. Manufacturing of a highly-active decolorizing charcoal. 1,575,703; Mar. 9.
Mummery, Clyde W., Chicago, Ill. Priming can for stoves. 1,576,207; Mar. 9.
Murphy, George W., Philadelphia, Pa., assignor to International Harvest Hat Company, St. Louis, Mo. Hat-crown-adjusting device. 1,576,350; Mar. 9.
Murray, Joseph B., Brooklyn, N. Y. Molding concrete structures. 1,575,929; Mar. 9.
Myers, F. E., & Brother Company, The. (See Myers, Philip A., assignor.)
Myers, Philip A., assignor to The F. E. Myers & Brother Company, Ashland, Ohio. Power head. 1,576,208; Mar. 9.
Naismith, William G., assignor to The Denver Rock Drill Manufacturing Company, Denver, Colo. Feed-controlling means for rock drills. 1,576,449; Mar. 9.
National Automatic Tool Company, The. (See Galloway, R. M., and Burton, assignors.)
National Grave Vault Company, The. (See Stiefel, Gilbert L., assignor.)
National Pigments & Chemical Company. (See Stroud, Benjamin K., assignor.)
National Scale Corporation. (See Moran, Frank A., assignor.)
National Sign Stencil Company. (See Reusch, Jacob J., assignor.)
Nayda, Wladyslaw, Wilmington, Del. Cheese press. 1,575,704; Mar. 9.
Nehrhood, George A., Chicago, Ill., assignor to California Almond Confections Company, Long Beach, Calif. Shelling nuts. 1,576,244; Mar. 9.
Neth, George J., assignor to The Egry Register Company, Dayton, Ohio. Autographic register. 1,575,687; Mar. 9.
Neubauer, Hans, Kamenne Zehrovice, near Kladno, Czechoslovakia. Preserving wood. 1,576,209; Mar. 9.
Neuhauser, Amos, Bluffton, Ind. Making concentrated sour milk. 1,576,351; Mar. 9.
Nickson, Nicholas, Vancouver, British Columbia, Canada. Safety device for high riggers. 1,576,210; Mar. 9.
Nielsen, Laurits H., Kolding, Denmark, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Mounting for cylindrical brushes. 1,576,450; Mar. 9.
Noe, William R., & Sons. (See Villaret, Gustave E., assignor.)
Noftzger, Charles F., et al. (See Braley, Charles L., assignor.)
Nomicos, James A., Chicago, Ill. Vehicle bumper. 1,575,861; Mar. 9.
Nolla, James, New Brunswick, N. J. Oven closure. 1,576,451; Mar. 9.
Noonan, Edmond A., and W. H. Kerr, San Jose, Calif. Hat holder. 1,576,452; Mar. 9.
Nordgren, Algot W., assignor to Marquette Manufacturing Company, St. Paul, Minn. Bumper mounting means. 1,576,483; Mar. 9.

Nordgren, Algot W., assignor to Marquette Manufacturing Company, St. Paul, Minn. Fender guard. 1,576,484; Mar. 9.
Nordling, Peter A., Gottenborg, Sweden. Hook. 1,576,352; Mar. 9.
Norsk Hydro-Elektrisk Kvaelstofaktieselskab. (See Mejdell, T., and Ravner, assignors.)
Nordstrom, John R., Beloit, Wis., assignor of one-half to E. A. Beadle, Kewanee, Ill. Testing machine. 1,576,453; Mar. 9.
Norton Company. (See Webster, Duane E., assignor.)
North East Electric Company. (See Dorsey, Farnum F., assignor.)
Ostley, Henry B., Flushing, and W. E. Woodard, Forest Hills, N. Y.; said Ostley assignor of all his right to The Superheater Company, New York, N. Y. Locomotive. 1,576,245; Mar. 9.
Oberdorfer, Henry D., and F. W. Voightlander, Champaign; said Voigtlander assignor of his entire right to Circle A Products Corporation, Aurora, Ill. Interior partition. 1,575,705; Mar. 9.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,575,706; Mar. 9.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Yoke. 1,575,707; Mar. 9.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,575,708; Mar. 9.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,575,709; Mar. 9.
O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Hand brake for railway cars. 1,575,710; Mar. 9.
O'Connor, John F., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock-absorbing mechanism. 1,575,711; Mar. 9.
O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,575,783; Mar. 9.
Ohl, Clyde A., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automotive brake. 1,575,712; Mar. 9.
O'Kane, Walter C., Durham, N. H. Mattress. 1,576,211; Mar. 9.
Olden, Frank H., Chester, Pa. Acid-strength-maintaining apparatus. 1,576,001; Mar. 9.
Olsen, Harold E., Bronx, N. Y. Pipe cap. 1,576,353; Mar. 9.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Grinding machine. 1,575,713; Mar. 9.
Olson, Robert C., Zion, Ill. Feed distributor. 1,575,930; Mar. 9.
O'Meara, Denis H., Detroit, Mich., assignor to American Optical Company, Southbridge, Mass. Magnifier. 1,575,784; Mar. 9.
O'Neill, Frank, Toledo, Ohio. Mold-marker mounting. 1,576,212; Mar. 9.
O'Reilly, Henry G., Joliet, Ill. Tap for barrels. 1,575,714; Mar. 9.
Oriopp, Harry A., Venice, assignor to D. B. Smith, Los Angeles, Calif. Form tie and spacer construction. 1,575,931; Mar. 9.
Orth, Fred W., Ocean Park, Wash. Saw set. 1,575,715; Mar. 9.
Osborn Manufacturing Company, The. (See Nielsen, Laurits H., assignor.)
Ostrander, Lewis F., Milwaukee, Wis. Return fitting for vapor heating systems. 1,575,862; Mar. 9.
Ostwald, William, assignor to Unique Lamp & Casting Company, Chicago, Ill. Electric ceiling fixture. Des. 69,668; Mar. 9.
Ottaviani, Domenico, Brooklyn, N. Y. Special truck for cement blocks. 1,575,863; Mar. 9.
Owsley, Arthur J., Gary, Ind. Bumper. 1,576,354; Mar. 9.
Owston, Charles W., assignor, by mesne assignments, to McCord Radiator & Mfg. Co., Detroit, Mich. Automobile radiator core. 1,575,864; Mar. 9.
Package Machinery Company. (See Smith, E. L., and Fuller, assignors.)
Packard, Granville F., Wilkinsburg, Pa. Electric motor. 1,576,002; Mar. 9.
Pade, Max H., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Apparatus for curing pneumatic tubes. 1,576,061; Mar. 9.
Page, Samuel H., Stratford, Conn., assignor to The American Fabrics Company. Lace. Des. 69,669; Mar. 9.
Paine, Arthur P., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tube-frame bracket. 1,575,785; Mar. 9.
Paisseau, Jean, Courbevoie, France. Refining process for pearl essence. 1,576,354; Mar. 9.
Parker, Clifton M., Birmingham, Ala. Adjustable leg structure. 1,576,455; Mar. 9.
Parker, George D., Riverside, Calif. Combined cover press and nailing machine. 1,576,213; Mar. 9.
Parkersburg Rig & Reel Company, The. (See Flesher, Thomas J., assignor.)
Parme, Frederic. (See Chiron, H. M., and Parme.)
Parr, John E., Connell, Wash. Velocipede. 1,575,786; Mar. 9.
Parrish, James L., Valdosta, Ga. Hame. 1,576,456; Mar. 9.
Paskall, John A., Los Angeles, Calif. Magazine. 1,576,214; Mar. 9.
Passmore, Joseph C., Coshocton, Ohio. Nut lock. 1,576,062; Mar. 9.
Paulson, Paul M., Perth Amboy, N. J., assignor to The Roessler and Hasslacher Chemical Company, New York, N. Y. Accelerator for the vulcanization of rubber. 1,575,865; Mar. 9.
Pavek, William J., Chicago, Ill. Shotgun cartridge. 1,575,716; Mar. 9.
Pawley, John B., assignor to Ansco Photoproducts, Inc., Binghamton, N. Y. Automatic film-winding camera. 1,576,246; Mar. 9.
Payne, Frank A., Calistoga, Calif. Dirigible auxiliary roadlight. 1,576,247; Mar. 9.
Payne, Harry L. (See Hicks, John B., assignor.)
Pearson, Victor L., assignor of one-half to H. E. Bengtsson, Hecla, S. Dak. Clutch-pedal dentent for tractors. 1,576,489; Mar. 9.
Pelikan, Frank, San Francisco, Calif. Teller's cage. 1,576,355; Mar. 9.
Penberthy, Ernest, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Fluid-regulating valve. 1,576,063; Mar. 9.
Peple, Gustave A., jr., Lynchburg, Va. Cut-off attachment for cigarette machines. 1,576,064; Mar. 9.
Peris, Adolphus, Florin, Pa. Apparatus for use in imparting flavor to peanuts. 1,576,215; Mar. 9.
Perkins, Augustus T. (See Stimson, Lewis A., assignor.)
Perl, Jacques, Berlin, Germany. Tobacco pipe, cigar, cigarette or holder therefor. 1,575,787; Mar. 9.
Perlish, Herman L., Philadelphia, Pa. Safety razor. Des. 69,670; Mar. 9.
Peremi, Edmund. (See Polachek, J., Jepsen, and Peremi.)
Perry, Napoleon J., assignor to May Hosiery Mills, Nashville, Tenn. Knitting machine. 1,575,932; Mar. 9.
Peterson, Burt A., and P. W. Cummings, assignors to Barber-Colman Company, Rockford, Ill. Warping apparatus. 1,575,933; Mar. 9.
Petri, Gunther H., Boston, Mass. Molding machine. 1,575,788; Mar. 9.
Petroleum Laboratories, Inc. (See Vande Water, F. C., and Sunderman, assignors.)
Petty, Joseph H., Trenton, N. J. Fixture holder. 1,576,457; Mar. 9.
Phelps, Frank M., Usk, Wash. Support. 1,575,789; Mar. 9.
Phillips, Frederick J. H., Llanelly, Wales. Cycle, motor cycle, and the like. 1,576,216; Mar. 9.
Photographers Retouching Service Inc. (See Shoemaker, Raymond B., assignor.)
Pick, Albert, & Company. (See Schlbach, Albert E., assignor.)
Pick, James, Marriott, Saskatchewan, Canada. Harrow. 1,575,934; Mar. 9.
Pickerell, Ernest J., Eddyville, Iowa. Luggage-carrier mounting. 1,575,790; Mar. 9.
Pickop, George R., New Haven, assignor to The Malleable Iron Fittings Company, Branford, Conn. Core-maker's table or the like. 1,576,458; Mar. 9.
Pierce, George W., Cambridge, Mass., assignor to Submarine Signal Company, Portland, Me. Electrical retardation line. 1,576,459; Mar. 9.
Pierce, Josiah, executor. (See Pierce, Vinton U. D.)
Pierce, Lee D., and E. W. Austen, Fulton, N. Y. Cream siphon. 1,576,356; Mar. 9.
Pierce, Vinton U. D., deceased, Washington, D. C.; J. Pierce, executor. Internal-combustion engine. 1,576,357; Mar. 9.
Pihl, Albert Murray, assignor to G. F. Borkman, Salt Lake City, Utah. Loud-speaker support. 1,576,460; Mar. 9.
Pihlstrom, John S., Mobile, Ala. Refrigerator. 1,576,358; Mar. 9.
Pittsburgh-Erie Saw Company. (See Jull, Charles H., assignor.)
Pittsburgh Transformer Company. (See Horelick, Samuel, assignor.)
Plauson, Hermann, Hamburg, Germany. Process and apparatus for disintegrating dry powders. 1,575,717; Mar. 9.
Pochobradsky, Bedrich, Sidcup, and G. A. Mellor, Welling, England. Cylinder liner for internal-combustion engines. 1,575,638; Mar. 9.
Polachek, John. (See Polachek, J., Jepsen, and Peremi, assignors.)
Polachek, John, New York, J. Jepsen, Brooklyn, and E. Peremi, New York, assignors to J. Polachek, Long Island, N. Y., doing business as John Polachek Bronze & Iron Co. Casement window. 1,576,461; Mar. 9.
Polzin, Herman A., Chicago, Ill. Fish bridge. 1,576,462; Mar. 9.
Pomeroy, James W. (See Todd, W. C., and Pomeroy.)
Pondelick, Leo. (See Stratford, N. W., and Pondelick.)
Pope, Lyman B., Bradford, Mass. Heel-blank-breasting machine. 1,576,463; Mar. 9.
Pope, Lyman B., Bradford, Mass. Heel-trimming machine. 1,576,464; Mar. 9.
Poppenhusen, Herman A., Hammond, Ind., and A. P. Strong, Chicago, Ill., assignors to Green Engineering Company, East Chicago, Ind. Droppage-removing mechanism for stokers. 1,575,866; Mar. 9.

Porter, James C. (See Macpherson, S., and Porter.)
Postel, Jacob H., San Mateo, Calif. Mop. 1,575,791; Mar. 9.
Potter, Oren O. and S. W., Weslaco, Tex. Cotton-stalk cutter. 1,576,217; Mar. 9.
Potter, Samuel W. (See Potter, Oren O. and S. W.)
Powell, Ernest A., Rawson, Ohio. Stock-watering fountain. 1,576,218; Mar. 9.
Powell, Thomas R., et al. (See Braun, William F. H. and E. P., assignors.)
Power, Howard R., Los Angeles, Calif. Signal and spotlight for motor vehicles. 1,576,219; Mar. 9.
Preble, James J., Newton, assignor to Spray Engineering Company, Boston, Mass. Filter unit. 1,576,121; Mar. 9.
Prellwitz, William, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Steel retainer. 1,575,792; Mar. 9
Price, Thomas M., Raleigh, N. C. Equalizing wedge adjuster. 1,575,639; Mar. 9.
Primrose Novelty Corporation. (See Goldbetter, L., and Drummer, assignors.)
Probert, Ezra L. (See Hasler, A., and Probert.)
Proctor & Schwartz, Incorporated. (See Kienel, F. J., and Schwartz, assignors.)
Pryce, Leslie, Johannesburg, Transvaal, South Africa. Testing hammer rock drill. 1,576,465; Mar. 9.
Pryce, Leslie, Johannesburg, Transvaal, South Africa. Straining fluid in fluid-transmission system. 1,576,466; Mar. 9.
Raabe, Walter, Cothen, Anhalt, Germany. Multichamber apparatus for conducting leaching, washing, or like operations on solid or semisolid material. 1,575,936; Mar. 9.
Ragland, Thomas H., Texarkana, Tex. Toilet-seat cushion. 1,575,640; Mar. 9.
Rail welding and Bonding Company. (See Shuler, Earl J., assignor.)
Ramsey, Clifford H., Glen Rock, N. J. Tentering machine. 1,576,220; Mar. 9.
Randall, Howard D., assignor to The J. D. Randall Company, Cincinnati, Ohio. Finishing molding. 1,576,490; Mar. 9.
Randall, J. D., Company, The. (See Randall, Howard D., assignor.)
Randle, George T., Saylesville, assignor to The Motor Protection Company, Central Falls, R. I. Air mixing and filtering device. 1,575,935; Mar. 9.
Randol, Glenn T., Marmaduke, assignor of one-half to S. S. Steinberg, Paragould, Ark. Gear-shifting mechanism. 1,576,065; Mar. 9.
Ransome, Bernard, Diablo, Calif. Pavement construction. 1,576,066; Mar. 9.
Rasco, Charles A., Samoa, Calif. Auxiliary road spring. 1,576,067; Mar. 9.
Rauha, John M., jr., Owen, Wis. Cutter. 1,576,359; Mar. 9.
Ravner, Oystein. (See Mejdell, T., and Ravner.)
Razor Blade Knife Company. (See Alberty, L. M., and Frank, assignors.)
Reddy, John W., Bowie, Tex. Measuring device. 1,576,003; Mar. 9.
Reid, John, London, England. Furnace. 1,575,793; Mar. 9.
Reigh, Clarence J., Altoona, Pa. Electric signal lamp for railway switches. 1,576,467; Mar. 9.
Reilly, Peter C. (See Derby, I. H., and Edwards, assignors.)
Replogle, Mark A. (See Barrantes, R., Bonstein, and Replogle.)
Repro-Art Machinery Co. (See Hahn, Francis, assignor.)
Reusch, Jacob J., assignor to National Sign Stencil Company, St. Paul, Minn. Stenciling device. 1,576,468; Mar. 9.
Reyrolle, A., & Company Limited. (See Mirrey, James, assignor.)
Reznik, Benjamin M., assignor of one-half to D. Tunick, Newark, N. J. Adjustable door. 1,576,068; Mar. 9.
Rhoten, Carl L., Arriba, Colo. Grain-elevating conveyer. 1,575,937; Mar. 9.
Rice, Charles E., Delray, Fla. Railway gate. 1,576,469; Mar. 9.
Rich, Nathan H., & Bro. (See Schey, Robert, assignor.)
Richardson, Henry, Passaic, N. J. Car unloader. 1,576,360; Mar. 9.
Richardson, Juan, Good Water, Ala. Terrace level. 1,576,470; Mar. 9.
Riddle, Edward N., Company, The. (See Crowell, Frank S., assignor.)
Riddle, Edward N., Company, The. (See Sample, John H., assignor.)
Rigby, Thomas, London, England. Evaporator for concentrating or drying. 1,576,471; Mar. 9.
Riley, Robert S., assignor to Sanford Riley Stoker Company, Worcester, Mass. Pulverizing machine. 1,576,472; Mar. 9.
Riley, Sanford, Stoker Company. (See Riley, Robert S., assignor.)
Riley, Walter H. (See King, John A., assignor.)
Rippl, Francis J., Cleveland, Ohio, assignor to General Electric Company. Glass-working machine. 1,576,221; Mar. 9.
Ritter, Julius, jr., assignor to Hartmann Trunk Company, Racine, Wis. Trunk construction. 1,575,867; Mar. 9.
Roark, Robert H., Waco, Tex. Machine for scoring ice. 1,575,794; Mar. 9.
Robbins, Walter, St. Louis, Mo. Ignition apparatus. 1,576,222; Mar. 9.
Robbins, William H., Springfield, assignor to The Williams Company, London, Ohio. Steel-wool buffer. 1,576,223; Mar. 9.
Roberts, F. H., Company. (See Thayer, Albert R., assignor.)
Robeson, Jacob S., Pennington, N. J. Composition for making briquettes. 1,576,248; Mar. 9.
Roessler and Hasslacher Chemical Company, The. (See Alhalie, Thomas D., assignor.)
Roessler and Hasslacher Chemical Company, The. (See Paulson, Paul M., assignor.)
Roessler & Hasslacher Chemical Company, The. (See Williams, Carl S., assignor.)
Rogers, Curtis E., Logan, W. Va. Insulator clamp. 1,576,224; Mar. 9.
Rogers, Frank S., Cowell, Calif. Rotary engine. 1,576,361; Mar. 9.
Rogers, Richard C., London, England. Stencil sheet for rotary duplicating machines. 1,575,718; Mar. 9.
Roland, Esten M., et al. (See Turner, Kelly M., assignor.)
Roles, William J., Kansas City, Mo. Wall-paper-pasting machine. 1,575,868; Mar. 9.
Rome Radiation Company. (See Hart, Austin H., assignor.)
Rommel, Charles A. (See Gilmore, G. J., and Rommel.)
Rosenberg, Edward, Brooklyn, N. Y. Indicator for piano or organ keyboards. 1,576,004; Mar. 9.
Rosencrants, Fay H., Kingsway, London, assignor to International Combustion, Limited, London, England. Apparatus for drying granular material. 1,576,362; Mar. 9.
Ross, Madeleine, Montreal, Quebec, Canada. Composition for preventing the accumulation of moisture in droplets upon glass or other polished surfaces. 1,576,363; Mar. 9.
Roth, Charles G. (See Torresen, C. T., and Roth.)
Routin, Joseph L., et al. (See Schneider, Eugène, assignor.)
Rubin, Frederick W., Indianapolis, Ind. Control device for dry kilns. 1,575,938; Mar. 9.
Rubsam, Charles F., assignor to Rubsam Corporation, Jackson, Mich. Vehicle wheel. 1,576,225; Mar. 9.
Rubsam, Charles F., assignor to Rubsam Corporation, Jackson, Mich. Vehicle wheel. 1,576,226; Mar. 9.
Rubsam Corporation. (See Rubsam, Charles F., assignor.)
Rumrich, Karl, New York, N. Y. Cabin-door check. 1,575,641; Mar. 9.
Rundle, John, Lethbridge, Alberta, Canada. Folding bracket. 1,576,227; Mar. 9.
Rushton, James L., Bolton, England. Pneumatic conveyer for cotton and similar materials. 1,575,642; Mar. 9.
Russell, Samuel J., and J. Godwin, Princeton, Tex. Onion and potato digger attachment. 1,576,364; Mar. 9.
Ryan, Walter D., Schenectady, N. Y. Vehicle headlight housing. Des. 69,671; Mar. 9.
Safion, Herman A., New York, N. Y. Lighting-fixture backplate. Des. 69,672; Mar. 9.
Safion, Herman A., New York, N. Y. Lighting-fixture plate. Des. 69,673; Mar. 9.
Sakols, Louis S. (See Schroeder, R. F., and Sakols.)
Salich, Emile F., Chicago, Ill. Apparatus for automatically controlling the specific gravity of fluids. 1,575,643; Mar. 9.
Salvucci, Natale, Detroit, Mich., assignor of one-half to J. W. Headley, jr., Kansas City, Mo. Wrench. 1,576,365; Mar. 9.
Sample, John H., Maumee, assignor to The Edward N. Riddle Company, Toledo, Ohio. Pendant for lighting fixtures. 1,575,795; Mar. 9.
Sandberg, Carl, Battle Creek, Mich. Gravel-screening apparatus. 1,575,719; Mar. 9.
Sargeant, John M., Elmira, N. Y. Trap nest. 1,576,069; Mar. 9.
Satterwhite, Virgil, and W. A. Dille, Kansas City, Mo. Resilient cleaning attachment. 1,575,939; Mar. 9.
Sawyer, Philip A., Hasbrouck Heights, N. J. Protected paper currency and making same. 1,575,940; Mar. 9.
Schaber, Ralph, Detroit, Mich. Locking device for automobile cushions. 1,575,941; Mar. 9.
Schauer, Lawrence L., assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Front hand elevator for arms. 1,576,473; Mar. 9.
Schauman, Bror M., Atlantic Highlands, assignor to an association comprising G. V. Johnson, O. Gautschy, and H. W. Johnson, Highlands, W. Koch, Long Branch, and B. M. Schauman, Atlantic Highlands, N. J. Washboiler cover and drainage board. 1,575,942; Mar. 9.
Schauman, Bror M., et al. (See Schauman, Bror M., assignor.)
Scheihing, George, Morning Sun, Iowa. Water fountain. 1,575,796; Mar. 9.
Schey, Robert, assignor to Nathan H. Rich & Bro., New York, N. Y. Printed fabric. Des. 69,674; Mar. 9.
Schieldrop, Bjarne H., assignor to Blaw-Knox Company, Pittsburgh, Pa. Apparatus for projecting loose material. 1,576,366; Mar. 9.
Schmidt, Christ P., Havana, Ill. Rim puller. 1,575,809; Mar. 9.

Schmidt, William F., assignor to All Metal Products Company, Wyandotte, Mich. Pistol. 1,575,644; Mar. 9.
Schmiese, Charles F., Muskegon Heights, Mich. Fuse-cut-out circuit breaker. 1,576,228; Mar. 9.
Schneider & Cie. et al. (See Schneider, Eugène, assignor.)
Schneider, Eugène, assignor to Schneider & Cie. and J. L. Routin, Paris, France. Apparatus for controlling the firing against aerial objectives. 1,576,367; Mar. 9.
Schneider, Nelly N., Nauvoo, Ill. Flower holder. 1,576,139; Mar. 9.
Schneider, William H., Freeport, N. Y. Toy track. 1,576,140; Mar. 9.
Schoessow, Richard J., Embden, N. Dak. Timer cover. 1,576,368; Mar. 9.
Scholl, William M., Chicago, Ill. Arch support. 1,575,645; Mar. 9.
Scholl, William M., Chicago, Ill. Foot-measuring device. 1,575,646; Mar. 9.
Schooling, Walter R., Standard, Alberta, Canada. Adjustable gear wheel. 1,576,369; Mar. 9.
Schrader, Thomas O., Allentown, assignor to Dent Hardware Co., Fullerton, Pa. Lock device for refrigerator doors. 1,575,647; Mar. 9.
Schrauth, Walther, Rosslau, Germany. Decomposing fats, oils, and waxes. 1,576,005; Mar. 9.
Schroeder, Roland F., and L. S. Sakols, Milwaukee, Wis. Incense burner. Des. 69,675; Mar. 9.
Schuermann, Anton C. (See Mueller, P., Lucas, and Schuermann.)
Schumacher, John, Los Angeles, Calif. Plaster board. 1,576,141; Mar. 9.
Schumacher, John, Los Angeles, Calif. Plaster board. 1,576,142; Mar. 9.
Schwalb, Robert H. (See Smith, M. L., and Schwalb.)
Schwartz, Walter M. (See Kienel, F. J., and Schwartz.)
Schweitzer & Conrad. (See Conrad, Nicholas J., assignor.)
Schwennker, Charles F., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 1,576,143; Mar. 9.
Scott & Ewing Company. (See Delfenderfer, Murvin C., assignor.)
Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Lubricator. 1,576,370; Mar. 9.
Scott, John D., New York, N. Y. Lantern-slide mounting. 1,575,720; Mar. 9.
Scott, John P. (See Allan, William G., assignor.)
Scott, Walter T., Sioux Falls, S. Dak. Chimney thimble. 1,576,070; Mar. 9.
Seidel, Arnold, Berlin-Charlottenburg, Germany. Laminated coupling. 1,576,229; Mar. 9.
Seaman, Barney, New York, N. Y. Display box. 1,576,144; Mar. 9.
Searle, Allen H., Salt Lake City, Utah. Game table. 1,576,145; Mar. 9.
Sears, Mary C. (See Cordingley, Thomas, assignor.)
Seeber, Friedrich, Crefeld, Germany. Furnace. 1,576,371; Mar. 9.
Sehlbach, Albert E., assignor to Albert Pick & Company, Chicago, Ill. Drinking glass. 1,575,870; Mar. 9.
Setterberg, Joseph, Chicago, Ill. Lock. 1,576,071; Mar. 9.
Seybold, Charles, Dayton, Ohio. Paper-cutting machine. 1,575,648; Mar. 9.
Seybold, Charles, Dayton, Ohio. Paper-cutting machine. 1,575,649; Mar. 9.
Shanck, Roy B., Woodside, N. Y., assignor to American Telephone and Telegraph Company. Telegraph key. 1,575,650; Mar. 9.
Sharpnack, Roy S., Dilliner, and J. P. Benz, Pittsburgh, Pa. Car-door mechanism. 1,575,721; Mar. 9.
Shaw, Louis E., New York, N. Y. Connecting-rod jig. 1,575,797; Mar. 9.
Shea, Edward J., Brooklyn, N. Y. Earring safety guard. 1,576,372; Mar. 9.
Sheldon, Bernard, Keyport, N. J. Pencil. 1,576,146; Mar. 9.
Shell, Thomas L., Tulsa, Okla. Collapsible bucket. 1,576,147; Mar. 9.
Shepard, Norman A., and S. Krall, assignors to The Firestone Tire and Rubber Company, Akron, Ohio. Vulcanizing rubber and compound resulting therefrom. 1,576,072; Mar. 9.
Sherman, Max, Los Angeles, Calif. Portable shaper. 1,576,249; Mar. 9.
Shipp, Clarence C., Indianapolis, Ind. Reheating-radiator housing. 1,575,651; Mar. 9.
Shoemaker, Raymond B., assignor to Photographers Retouching Service Inc., New York, N. Y. Retouching machine. 1,576,006; Mar. 9.
Shuler, Earl J., New Orleans, La., assignor to Rail Welding and Bonding Company, East Cleveland, Ohio. Mold for attaching rail bonds. 1,576,230; Mar. 9.
Shulman, Harry, New York, N. Y. Paintbrush. 1,576,148; Mar. 9.
Shutt, Ervin, Bloomington, Ill. Automobile signal-light casing. Des. 69,676; Mar. 9.
Siegert, Richard, Dresden, Germany. Process and apparatus for the manufacture of hollow objects of chocolate. 1,576,149; Mar. 9.
Silverstein, Oscar. (See Van Valkenberg, Eber H., assignor.)
Simpson, Emory G., and A. Haberer, assignors to Fisher Body Corporation, Detroit, Mich. Windshield panel and weather sill. 1,576,150; Mar. 9.
Sinclair Refining Company. (See Bell, John E., assignor.)
Sklar, Samuel B., Memphis, Tenn. Bed. 1,575,871; Mar. 9.
Sklarek, Clifford, assignor to International Spotlight Corporation, Chicago, Ill. Adjustable supporting means for lights. 1,575,722; Mar. 9.
Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Double-drum hoist. 1,575,798; Mar. 9.
Slick, Edwin E., Pittsburgh, Pa. Shaker for salt or other material. 1,576,151; Mar. 9.
Smith, David B. (See Orlopp, Harry A., assignor.)
Smith & Davis Mfg. Co. (See Duvall, William J., assignor.)
Smith, Elmer L., and F. B. Fuller, assignors to Package Machinery Company, Springfield, Mass. Wrapping machine and wrapping articles. 1,575,723; Mar. 9.
Smith, Frank P. (See Decker, Alonzo E., assignor.)
Smith, Milton L., and R. H. Schwalb, Chicago, Ill. Otoconcusser. 1,575,724; Mar. 9.
Smith, William M., Turtle Creek, Pa. Power generator. 1,576,373; Mar. 9.
Snider, Luther. (See King, J., Snider, and Hamilton.)
Snodgrass, George M., Springfield, Mo. Automobile signaling device. 1,575,652; Mar. 9.
Snyder, Charles O., Richmond, Ind. Button or article of similar nature. Des. 69,677; Mar. 9.
Societe Anonyme pour l'Equipement Electrique des Vehicules. (See Dufour, Paul, assignor.)
Society Durand & Huguenin S. A. (See Bader, M., Lombard, Sunder, and Vaucher, assignors.)
Society of Chemical Industry in Basle. (See Fröhlich, Jaroslav, assignor.)
Sonner, Philip J., Moline, Kans. Gas burner. 1,575,653; Mar. 9.
Sonntag, Bernard H., et al. (See Jackson, Harry H., assignor.)
Sounitza, Vladimir B., New York, N. Y. Pumping apparatus. 1,575,799; Mar. 9.
Southworth, Vincent, Laurens, Iowa. Vehicle door construction. 1,575,654; Mar. 9.
Spaeth, Charles, assignor, by mesne assignments, to The Marvel Equipment Company, Cleveland, Ohio. Hose nozzle. Re16,284; Mar. 9.
Spanner, Edward F., Blackheath, London, England. Mechanical filtering device. 1,576,374; Mar. 9.
Spatenga, Stephen R., New York, N. Y. Clutch control for brake mechanisms. 1,576,250; Mar. 9.
Spence, Arthur W., Assumption, Ill. Dump truck. 1,575,943; Mar. 9.
Spencer, Louis R., West Hartford, Conn. Piston ring. 1,576,377; Mar. 9.
Spinks, Joseph M., New Orleans, La. Attachment for weighing scales. 1,576,375; Mar. 9.
Sponsel, Charles W., Wethersfield, Conn. Motion-converting device. 1,576,252; Mar. 9.
Sponsel, Charles W., Wethersfield, Conn., assignor to Domestic Stoker Company, New York, N. Y. Burner plate. 1,576,251; Mar. 9.
Spray Engineering Company. (See Prehle, James J., assignor.)
Spring Stopper Company. (See Glaspey, Warren E., assignor.)
Springer, William C., Belleville, Ontario, Canada. Lock. 1,576,007; Mar. 9.
Staats-Oels, Rudolph C. G., Brooklyn, N. Y. Shock absorber. 1,576,152; Mar. 9.
Stalder, Merle D., Lincoln, Nebr. Trolley harp. 1,575,800; Mar. 9.
Standard Oil Company. (See Majors, Roy C., assignor.)
Standard Steel Car Company. (See Anderson, Harry T., assignor.)
Standerwick, Reginald G., Marblehead, Mass., assignor to General Electric Company. Governing mechanism for prime movers. 1,576,153; Mar. 9.
Stanton, Frederick L. (See Fish, Gilbert D., assignor.)
Steele, Charles W. (See Maranville, H. F., and Steele.)
Steinberg, Sol S. (See Randol, Glenn T., assignor.)
Steinman, Saul, assignor of one-half to M. Kuzak, Shelton, Conn. Sign holder. 1,576,154; Mar. 9.
Stevens, Harry M., Schenectady, N. Y., assignor to General Electric Company. Electromagnet. 1,576,155; Mar. 9.
Stewart, Carlton D., Berkeley, Calif. Fluid-temperature regulator. 1,575,725; Mar. 9.
Stiefel, Gilbert L., assignor to The National Grave Vault Company, Galion, Ohio. Dumping truck. 1,575,801; Mar. 9.
Stillwell, Wilson H. (See Clough, J. E., Stillwell, and Fugina.)
Stinson, Lewis A., Oak Park, assignor of forty nine-one hundredths to A. T. Perkins, Chicago, Ill. Conveying apparatus. 1,575,655; Mar. 9.
Stitt, Roscoe R., Detroit, Mich. Ice-cream cabinet. 1,576,008; Mar. 9.
Stratford, Nathaniel W., and L. Pondelick, Chicago, Ill. Terminal for electrical conductors. 1,575,656; Mar. 9.
Straussler, Nicholas, London, England. Silencer for gaseous currents. 1,575,657; Mar. 9.
Strickland, Erwin L. (See Wood, H. P., Strickland, Witham, and Libby.)

Strieby, Maurice E., Millburn, N. J., assignor to American Telephone and Telegraph Company. Volume control for program-distribution systems. 1,575,658; Mar. 9.

Strieby, Maurice E., Millburn, N. J., assignor to American Telephone and Telegraph Company. Filter arrangement for wire program-distribution circuits. 1,575,659; Mar. 9.

Strohl, Harry B., assignor to The Anderson Body Company, Sidney, Ohio. Clamping device. 1,575,872; Mar. 9.

Strong, Arthur P. (See Poppenhusen, H. A., and Strong.)

Stroud, Ben K., Los Angeles, Calif. Application of mud-laden fluids to oil or gas wells. 1,575,944; Mar. 9.

Stroud, Benjamin K., Los Angeles, Calif., assignor to National Pigments & Chemical Company, St. Louis, Mo. Application of mud-laden fluids to oil or gas wells. 1,575,945; Mar. 9.

Studebaker Corporation, The. (See Herrman, Karl L., assignor.)

Studebaker Corporation. (See Miles, Ezekiel J., assignor.)

Sturm, William, Newark, N. J. Setting for finger rings. Des. 69,678; Mar. 9.

Submarine Signal Company. (See Pierce, George W., assignor.)

Sudekum, William, Nashville, Tenn. Spring housing. 1,576,376; Mar. 9.

Sullivan Machinery Company. (See Ferguson, Alexander D., assignor.)

Sullivan Machinery Company. (See Gilman, George H., assignor.)

Sullivan, Manley S., Charleston, S. C. Power cultivator. 1,575,946; Mar. 9.

Summers, Leland L., New York, N. Y. Artificial fuel and making it. 1,576,253; Mar. 9.

Sumner, H. W., Oil Engine Company. (See Sumner, Henry W., assignor.)

Sumner, Henry W., assignor to H. W. Sumner Oil Engine Company, Seattle, Wash. Closure for engine igniters. 1,576,254; Mar. 9.

Superheater Company, The. (See Oatley, H. B., and Woodard, assignors.)

Superheater Company, The. (See Wagner, Rudolf, assignor.)

Superior Steel Door and Trim Co., Inc. (See Connell, Andrew J., assignor.)

Sunder, Charles. (See Bader, M., Lombard, Sunder, and Vaucher.)

Sunderman, Frederick R. (See Vande Water, F. C., and Sunderman.)

Suren, Nathan H., Needham, assignor by mesne assignments, to The Gamewell Company, Newton, Mass. Starting attachment for signal transmitters. 1,575,947; Mar. 9.

Surls, Hampton I., and J. T. Kennedy, assignors of one-third to W. Dunning, Iowa Falls, Iowa. Vehicle heater. 1,576,485; Mar. 9.

Swab, Jay G., Brooklyn, assignor to Henry Trenchard, jr., New York, N. Y. Reenforcement-applying mechanism. 1,576,009; Mar. 9.

Swain, Joseph G., assignor to The Firestone Steel Products Company, Akron, Ohio. Wheel construction. 1,576,073; Mar. 9.

Swartz, William G., Philadelphia, Pa. Packaging-dispensing container. 1,576,010; Mar. 9.

Sweney, Frank L. (See Galvin, G. P., and Sweney.)

Sweet, Neil D. and T. A. Sweet, Colon, Mich. Sole-stitching machine. 1,575,948; Mar. 9.

Sweet, Thomas A. (See Sweet, Neil D. and T. A.)

Sweboda, Alois P., New York, N. Y. Permanently marking tire casings. 1,576,156; Mar. 9.

Sykes, Cameron M., assignor to W. & T. Avery, Limited, Birmingham, England. Semiautomatic weighting apparatus. 1,575,873; Mar. 9.

Symons Brothers Company. (See Symons, Edgar B., assignor.)

Symons, Edgar B., Los Angeles, Calif., assignor to Symons Brothers Company, Milwaukee, Wis. Crushing head. 1,575,874; Mar. 9.

Szekely, Otto E., Moline, Ill., assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa. Self-closing hose nozzle. 1,576,255; Mar. 9.

Szewczyk, Stanislaw, Passaic, N. J. Angler's creel. 1,576,875; Mar. 9.

T & L Co. (See Tueckmantel, Hugo, assignor.)

Tateosian, Harry G., assignor to Ice Cream Cone Machinery, Inc., Bridgeport, Conn. Ice-cream-cone-rolling machine. 1,576,011; Mar. 9.

Taylor, Charles F., Fortuna, Calif. Automobile license sign. 1,576,157; Mar. 9.

Teipel, Joseph, and W. F. Exner, assignors to Mancha Storage Battery Locomotive Company, St. Louis, Mo. Motor housing. 1,575,860; Mar. 9.

Temperli, Otto, assignor to Landis & Gyr A.-G., Zug, Switzerland. Excess-registering meter. 1,576,158; Mar. 9.

Thayer, Albert R., assignor to F. H. Roberts Company, Boston, Mass. Top for candy boxes. Des. 69,679; Mar. 9.

Thelin, Victor E., Chicago, Ill. Automatic substation. 1,575,876; Mar. 9.

Thies, Bernhard K., Coesfeld, Germany. Dyeing apparatus. 1,576,378; Mar. 9.

Thomas, Benjamin D., assignor of one-tenth to Thomas-Morse Aircraft Corporation, Ithaca, N. Y. Variable area wing structure for air planes. 1,576,012; Mar. 9.

Thomas, Lawrence H. (See Kuhn, F., and Thomas.)

Thomas-Morse Aircraft Corporation. (See Thomas, Benjamin D., assignor.)

Thomas, Thomas H., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Triple-valve device. 1,575,726; Mar. 9.

Thomas, William T., assignor of one-half to American Iron & Machine Works, Inc., Tonkawa, Okla. Apparatus for sealing oil wells. 1,576,074; Mar. 9.

Thomayer, George T., assignor, by mesne assignments, to Economy Dyeing Machine Corporation, Albany, N. Y. Yarn-dyeing device. 1,576,013; Mar. 9.

Thompson, Ray A., Chicago, Ill. Sign. 1,575,661; Mar. 9.

Thomson Electric Welding Company. (See Woofter, Herbert A., assignor.)

Thorn, Lawrence T., Harrisburg, Ark. Tag holder for vehicles. 1,575,949; Mar. 9.

Thorn, Lawrence T., Harrisburg, Ark. City license and identification-card holder for motor vehicles. 1,576,950; Mar. 9.

Thorp, Lambert, assignor to The Lambert Thorp Company, Cincinnati, Ohio. Manufacturing barbituric-acid derivatives. 1,576014; Mar. 9.

Thorp, Lambert, Company, The. (See Thorp, Lambert, assignor.)

Thuras, Albert L., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Acoustical instrument. 1,575,951; Mar. 9.

Tice, Percival S., Chicago, Ill. Carburetor. 1,575,877; Mar. 9.

Timmerman, George, Staunton, Ill. Device for greasing hoisting ropes or cables. 1,576,159; Mar. 9.

Tingley, Bruce H., assignor to The Dalton Adding Machine Company, Cincinnati, Ohio. Cross-tabulating carriage for adding machines. 1,576,256; Mar. 9.

Tisdell, Tracey A., Los Angeles, Calif. Combined go-cart, high chair, and baby carriage. 1,576,075; Mar. 9.

Titan Tool Company. (See Veith, Frank A., assignor.)

Tobey, Harry W., Pittsfield, Mass., assignor to General Electric Company. Line-welding machine. 1,576,160; Mar. 9.

Todd, William C., and J. W. Pomeroy, Victoria, British Columbia, Canada. Water sprinkler. 1,575,962; Mar. 9.

Tompkins, Harold P., Charleston, W. Va. Extension rail. Re16,289; Mar. 9.

Toorks, Peter, Boston, Mass. Attachment for drilling machines. 1,575,953; Mar. 9.

Torresen, Carel T., Cleveland, Ohio, and C. G. Roth, Ford City, Mich. Carburetor. 1,576,257; Mar. 9.

Trabold, Frank W., Marion, Ind. Wrench. 1,576,238; Mar. 9.

Trenchard, Henry, jr. (See Swab, Jay G., assignor.)

Trumpler, Emily, Brooklyn, N. Y. Dress hanger. 1,576,015; Mar. 9.

Tueckmantel, Hugo, assignor to T & L Co., Inc., Newark, N. J. Bag-frame lock. 1,576,161; Mar. 9.

Tunick, David. (See Reznik, Benjamin M., assignor.)

Tuppen, Edward B. (See Hastings, H. C., and Tuppen.)

Turner, Kelly M., assignor of one-third to F. H. Koch, one-third to E. M. Roland, and one-third to Yale Corporation, Los Angeles, Calif. Magneto-brush and force-feed attachment for internal-combustion engines. 1,576,259; Mar. 9.

Turner, Leonard A., Santa Ana, Calif. Spade lug for tractor wheels. 1,576,379; Mar. 9.

Tuttle, John I., Spokane, Wash. Calculating machine. 1,575,803; Mar. 9.

Tynes, Minor E., New Orleans, La. Gravity-operated toy. 1,576,380; Mar. 9.

Uhlyarik, Anthony, assignor to E. J. Uhlyarik, Cleveland, Ohio. Radiator for automobiles and other motor vehicles. 1,575,727; Mar. 9.

Uhlyarik, Emanuel J. (See Uhlyarik, Anthony, assignor.)

Union Switch & Signal Company. (See McCann, Ronald A., assignor.)

Union Switch & Signal Company, The. (See O'Hagan, Bernard E., assignor.)

Unique Lamp & Casting Company. (See Ostwald, William, assignor.)

United Engineering and Foundry Company. (See Biggert, Florence C., jr., assignor.)

United Shoe Machinery Corporation. (See Ashworth, Fred, assignor.)

United Shoe Machinery Corporation. (See Hodgkins, Edward F., assignor.)

United States Gypsum Company. (See Lehn, George P., assignor.)

United States Metallic Packing Company, The. (See Yelding, Hubert F., assignor.)

Universal Oil Products Company. (See Egloff, Gustav, assignor.)

Vachial, Frank. (See Durant, J. H., and Vachal.)

Vacuum Candy Machinery Co. (See Weisand, Theodore, assignor.)

Van Derbeck, Stephen G., Hackensack, N. J. Windshield cleaner. 1,576,381; Mar. 9.

Van Derhoef, Henry E., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic cartridge. 1,575,804; Mar. 9.

Van Deven, Frank, Grand Rapids, Mich. Securing element for composition shingles. 1,575,662; Mar. 9.

Vande Water, Frank C., and F. R. Sunderman, assignors to Petroleum Laboratories, Inc., Newburgh, N. Y. Apparatus for treating oil. 1,575,663; Mar. 9.

Van Dyck, Arthur F., Schenectady, N. Y., assignor to General Electric Company. High-frequency apparatus. 1,576,162; Mar. 9.

Van Hamersveld, John J. N. (See Burrell, E. P., and Van Hamersveld.)

Van Roy, Leopold, Brussels, Belgium. Detachable heel for footwear. 1,575,664; Mar. 9.

Van Valkenberg, Eber H., Monroe, assignor of one-half to O. Silverstein, Spokane, Wash. Steering mechanism. 1,575,802; Mar. 9.

Vaper Car Heating Company. (See Gold, E. H., and Russell, assignors.)

Vaucher, Charles. (See Bader, M., Lombard, Sunder, and Vaucher.)

Veith, Frank A., assignor to Titan Tool Company, Erie, Pa. Drill device. 1,575,878; Mar. 9.

Venables, Robert E. S. (See Barbey, C., and Venables.)

Victor Talking Machine Company. (See La Rue, William D., assignor.)

Vigneron, Jean-Baptiste J. A., Marseille, France. Trawling fishing gear. 1,575,879; Mar. 9.

Villaret, Gustave E., assignor to William R. Noe & Sons, New York, N. Y. Plate for lighting fixtures. Des. 69,680; Mar. 9.

Voelker, George W., Woonsocket, R. I. Vacuum seal for vacuum cloth hydroextractors. 1,576,163; Mar. 9.

Voglandische Maschinenfabrik (vormals: J. C. & H. Dietrich), Aktiengesellschaft. (See Bosheck, Walther, assignor.)

Voightlander, Frederick W. (See Oberdorfer, H. D., and Voightlander.)

Vollenweider, Otto E., administrator. (See Ferris, George L.)

Wafford, James C., Charlotte, N. C. Meat tenderer. 1,576,164; Mar. 9.

Wagner Electric Corporation. (See Weichsel, Hans, assignor.)

Wagner Manufacturing Company. (See Lang, Philip, assignor.)

Wagner, Rudolf, Hamburg, Germany, assignor to The Superheater Company, New York, N. Y. Power plant. 1,575,665; Mar. 9.

Waite, Harry F., New York, N. Y. Dental level. 1,576,260; Mar. 9.

Waite, Harry F., New York, N. Y. High-tension rectifying switch. 1,576,382; Mar. 9.

Walaschek, Samuel J., New York, N. Y. Table-top attachment. 1,575,954; Mar. 9.

Walker, Avery W., Gasport, N. Y. Air-blast sprayer or duster. 1,576,076; Mar. 9.

Walker, Lamar S., Tampa, Fla. Pump-piston shifter. 1,576,383; Mar. 9.

Walker, Sheridan A., New York, N. Y. Exerciser. 1,576,474; Mar. 9.

Wall, William, Cleveland, Ohio. Aeroplane. 1,575,880; Mar. 9.

Warner, Raymond M., assignor to The Miller Rubber Company, Akron, Ohio. Acid-proof container. 1,575,666; Mar. 9.

Warner and Swasey Company, The. (See Burrell, E. P., and Van Hamersveld, assignors.)

Warner and Swasey Company, The. (See Drake, G. W., and Lange, assignors.)

Waters, Charles B., Montclair, N. J. Heater for motor cars. 1,575,667; Mar. 9.

Watling, William D., Chicago, Ill. Combination vending machine and amusement device. 1,575,881; Mar. 9.

Watson, Henry D., Philadelphia, Pa. Towel rail. 1,576,077; Mar. 9.

Watts, Elmer A., assignor to The Miller Improved Gas Engine Company, Springfield, Ohio. Spark-plug construction for internal-combustion engines. 1,576,384; Mar. 9.

Watts, Elmer A., assignor to The Miller Improved Gas Engine Company, Springfield, Ohio. Lubricating system. 1,576,385; Mar. 9.

Weber, Max, Detroit, Mich. Mandolin attachment for pianos. 1,575,728; Mar. 9.

Webster, Duane E., assignor to Norton Company, Worcester, Mass. Abrasive article. 1,576,122; Mar. 9.

Weichsel, Hans, assignor to Wagner Electric Corporation, St. Louis, Mo. Alternating-current motor. 1,575,729; Mar. 9.

Weidinger, William G. G., Chicago, Ill. Aeroplane. 1,575,882; Mar. 9.

Weiher, Lorenz. (See Greene, G. S., and Weiher.)

Weinstein, Solomon H., Dallas, Tex. Seam protector for automobile hoods. 1,576,016; Mar. 9.

Weise, Albert F., Bridgeport, Conn., assignor to General Electric Company. Electric fuse and making same. 1,576,165; Mar. 9.

Weiser, Walter W., Chicago, Ill. Piano. 1,575,668; Mar. 9.

Welch, Horace H., Chicago, assignor, by mesne assignments, to C. B. Camp, trustee, Oak Park, Ill. Fuel receptacle. 1,576,386; Mar. 9.

Weller, David, New York, N. Y. Automobile flower vase. Des. 69,681; Mar. 9.

Wells, Frank O., Springfield, Mass. Hexagonal die. 1,576,166; Mar. 9.

Wellston Metal Products Company, The. (See Ferris, George L., assignor.)

Weisand, Theodore, Chicago, assignor to Vacuum Candy Machinery Co., Waukegan, Ill. Candy-molding machine. 1,576,017; Mar. 9.

Welsh, Ezra C., New Middletown, Ohio. Rail joint. 1,576,475; Mar. 9.

West, George E., Dallas, Tex. Curtain and shade hanger. 1,575,805; Mar. 9.

Western Electric Company. (See Thuras, Albert L., assignor.)

Western Union Telegraph Company, The. (See Wheeler, E. B., and Dirkes, assignors.)

Westinghouse Air Brake Company, The. (See Cloud, John W., assignor.)

Westinghouse Air Brake Company, The. (See Craig, John F., assignor.)

Westinghouse Air Brake Company, The. (See Dapron, Joseph M., assignor.)

Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)

Westinghouse Air Brake Company, The. (See Ohl, Clyde A., assignor.)

Westinghouse Air Brake Company, The. (See Thomas, Thomas H., assignor.)

Westinghouse Electric & Manufacturing Company. (See Johnson, Josiah F., assignor.)

Westinghouse Lamp Company. (See Gustin, Daniel S., assignor.)

Weston, Sydney. (See Adams, Charles, jr., assignor.)

Wheeler, Evan R., North Plainfield, N. J., and R. F. Dirkes, Jamaica, assignors to The Western Union Telegraph Company, New York, N. Y. Storing transmitter. 1,576,167; Mar. 9.

Whelan, Augustin J., Jersey City, N. J. Clothesline pulley. 1,576,387; Mar. 9.

White, Noah R., Delta, Colo. Automatic lubricating device. 1,575,806; Mar. 9.

White, D'Orsay M., Detroit, Mich. Automobile construction. 1,575,883; Mar. 9.

Whitesides, Walter L., Long Beach, Calif. Pouring spout. 1,576,388; Mar. 9.

Whitsett, Cameron A., Chicago, assignor to Fyrne Manufacturing Company, Rockford, Ill. Spotlamp. 1,576,168; Mar. 9.

Whittier, Fred C., assignor to Massachusetts Cotton Mills, Lowell, Mass. Selvage-loop-trimming machine. 1,576,476; Mar. 9.

Whittier, Walter R. B., Chattahoochee, Ga. Cord tire. 1,575,955; Mar. 9.

Wico Electric Company. (See Louis, Terrence G., assignor.)

Wiens, Peter, Peoria, Ill. Dental film holder. 1,576,477; Mar. 9.

Wilkins, Charles M., Smithfield, Pa. Puller. 1,576,389; Mar. 9.

Wildberger, Theodore, and E. B. Johns, Los Angeles, Calif. Carving-machine attachment. 1,576,123; Mar. 9.

Will & Baumer Candle Company. (See Mertens, Mary A., assignor.)

Willard, Waldo W. (See Hewlett, F. M., and Willard.)

Williams, Carl S., Woodbridge, N. J., assignor to The Roessler and Haaslacher Chemical Company, New York, N. Y. Accelerator for the vulcanization of rubber. 1,575,884; Mar. 9.

Williams Company, The. (See Robbins, William H., assignor.)

Williams, Edward, Iowa Park, Tex. Traffic signal 1,576,391; Mar. 9.

Williams, Harry D., Pittsburgh, Pa. Internal-combustion engine. 1,576,392; Mar. 9.

Williams, Henry A., Worcester, Mass. Tightener for box straps. 1,576,390; Mar. 9.

Williams, Lela E., Benton, Ill. Auxiliary rim and tire. 1,575,956; Mar. 9.

Williams, Victor G. (See Delamere, R. D., and Williams.)

Williams, Wade H. (See Kuffel, D. C., and Williams.)

Williamson, Samuel T. (See Gilbreath, V. G., and Williamson.)

Wills, Walter B., Baltimore, Md. Frying basket. 1,576,124; Mar. 9.

Willys-Overland Company, The. (See Huntington, Edward E., assignor.)

Windle, Timothy, Oakland, Calif. Piston-insertion device. 1,575,807; Mar. 9.

Window Glass Machine Company. (See Monro, William L., assignor.)

Witham, Charles H. (See Wood, H. P., Strickland, Witham, and Libby.)

Wolf, Albert R., Snyder, Nebr. Fastener for containers. 1,575,669; Mar. 9.

Wolf, Robert B., New York, N. Y. Controlling bleaching operations. 1,576,018; Mar. 9.

Woofter, Herbert A., Swampscott, assignor to Thomson Electric Welding Company, Lynn, Mass. Electric welding. 1,576,169; Mar. 9.

Wood, Gracia V., Washington, D. C. Brassière. 1,576,393; Mar. 9.

Wood, Harold P., E. L. Strickland, C. H. Witham, and H. O. Libby, Kingfield, Me. Attachment for automobiles. 1,576,395; Mar. 9.

Wood, Harry, South Fork, Pa. Sizing composition. 1,576,394; Mar. 9.

Wood, Neal E., Chanute, Kans. Safety device for automobiles. 1,576,396; Mar. 9.
Woodward, Arthur H., Winnetka, assignor to International Register Co., Chicago, Ill. Check writer. 1,576,885; Mar. 9.
Woodward, William E. (See Oatley, H. B., and Woodard.)
Worcester Brush and Scraper Company. (See Fletcher, Edward F., assignor.)
Wright & Corson Company. (See Corson, C. E., and Wright, assignors.)
Wright, Thomas S., Lancaster, Ohio. Headlight lens. Des. 69,682; Mar. 9.
Wright, William A. (See Corson, C. E., and Wright, assignors.)
Wright, William A., et al. (See McBride, Arthur C., assignor.)
Wroblewski, Joseph, Chicago, Ill. Method of and apparatus for making fuel vaporizers. 1,575,670; Mar. 9.
Wurm, Henry, Cleveland, Ohio. Rope clamp. 1,575,886; Mar. 9.
Yale Corporation, et al. (See Turner, Kelly M., assignor.)
Yanagi, Tokujiro, Honolulu, Hawaii. Tourniquet. 1,576,397; Mar. 9.
Yelavich, Frank, San Francisco, Calif. Door-actuating mechanism. 1,576,398; Mar. 9.
Yelding, Hubert F., assignor to The United States Metallic Packing Company, Philadelphia, Pa. Plate-scraping machine. 1,576,170; Mar. 9.
Yeo, Samuel P., Philadelphia, Pa. Night-depository entrance. 1,576,125; Mar. 9.
Young, Edward O., Cleveland Heights, Ohio. Self-cleaning patch-applying instrument. 1,576,491; Mar. 9.
Young, Edward O., Cleveland Heights, Ohio. Slot protector for automobile floor mats. 1,576,492; Mar. 9.
Young, Edward O., Cleveland, Ohio. Slot protector for automobile floor mats. 1,576,493; Mar. 9.
Zimetbaum, Samuel, Newark, N. J. Molding apparatus. 1,576,019; Mar. 9.
Zimmerman, Harry, Fremont, Ohio. Multiply-fabric buffer-section manufacture. 1,575,887; Mar. 9.
Zirkle, Charles. (See Kelley, E. G., and Zirkle.)
Zublin, John A., Los Angeles, Calif. Well pump. 1,575,888; Mar. 9.
Zuliani, Pietro Lonato, Italy. Instrument for drawing ellipses. 1,575,889; Mar. 9.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 9TH DAY OF MARCH, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abrading machine. E. F. Hodgkins. 1,575,686; Mar. 9.
Abrasive article. D. E. Webster. 1,576,122; Mar. 9.
Acoustical instrument. A. L. Thuras. 1,575,951; Mar. 9.
Acid derivatives, Manufacturing barbituric-. L. Thorp. 1,576,014; Mar. 9.
Acid phosphate, Apparatus for treating. E. H. Armstrong. 1,576,022; Mar. 9.
Acid-proof container. R. M. Warner. 1,575,666; Mar. 9.
Acid-strength-maintaining apparatus. F. H. Olden. 1,576,001; Mar. 9.
Adding machines, Cross-tabulating carriage for. B. H. Tingley. 1,576,256; Mar. 9.
Advertisement-displaying mechanism. L. R. McDonald. 1,576,200; Mar. 9.
Advertising apparatus. C. Gleerup-Möller. 1,575,988; Mar. 9.
Aerial objectives, Apparatus for controlling the firing against. E. Schnelder. 1,576,367; Mar. 9.
Aeroplane. F. McElhaney. 1,576,342; Mar. 9.
Aeroplane. W. Wall. 1,575,880; Mar. 9.
Aeroplane. W. G. G. Weidinger. 1,575,882; Mar. 9.
Aircraft. P. Giefer. 1,575,680; Mar. 9.
Air mixing and filtering device. G. T. Randle. 1,575,935; Mar. 9.
Airplanes, Variable area wing structure for. B. D. Thomas. 1,576,012; Mar. 9.
Air preheater for boiler furnaces. W. M. Connery. 1,576,410; Mar. 9.
Aisle chair. J. B. Kausal. 1,575,690; Mar. 9.
Alarm: *See*—
Burglar alarm.
Alarm device. J. De Marti. 1,576,238; Mar. 9.
Aluminum nitrate, Purifying. T. Mejdell and Ö. Ravner. 1,575,634; Mar. 9.
Ammonia from vinasses, Recovery of. G. P. Guignard. 1,576,427; Mar. 9.
Anchoring means for wire tensioners. J. W. Lenling. 1,575,922; Mar. 9.
Angler's creel. S. Szewczyk. 1,575,875; Mar. 9.
Arch support. W. M. Scholl. 1,575,645; Mar. 9.
Artificial arm. H. E. Hodgson. 1,576,487; Mar. 9.
Auto attachment. S. Beringer. 1,576,265; Mar. 9.
Autographic register. A. A. Johnson. 1,576,194; Mar. 9.
Autographic register. G. J. Neth. 1,575,637; Mar. 9.
Automobile construction. D. M. White. 1,575,883; Mar. 9.
Automobile cushions, Locking device for. R. Schaber. 1,575,941; Mar. 9.
Automobile floor mats, Slot protector for. E. O. Young. 1,576,492–3; Mar. 9.
Automobile hoods, Seam protector for. S. H. Weinstein. 1,576,016; Mar. 9.
Automobile radiator core. C. W. Owston. 1,575,864; Mar. 9.
Automobile signal. W. P. MacMicking. 1,575,854; Mar. 9.
Automobile signaling device. G. M. Snodgrass. 1,575,652; Mar. 9.
Automobiles, Attachment for. H. P. Wood, E. L. Strickland, C. H. Witham, and H. O. Libby. 1,576,395; Mar. 9.
Automobiles, Fluid brake for. L. L. Mack. 1,575,999; Mar. 9.
Automobiles, Packing for hoods of. G. B. Cutting. 1,576,415; Mar. 9.
Automobiles, Safety device for. N. E. Wood. 1,576,396; Mar. 9.
Automobiles, Safety lock for. G. Fortin. 1,576,820; Mar. 9.
Automobiles, Slip cover for. R. R. Eddins. Re16,288; Mar. 9.
Automotive brake. J. F. Craig. 1,575,737; Mar. 9.
Automotive brake. C. A. Ohl. 1,575,712; Mar. 9.
Axle, Adjustable dustproof and rustproof. I. Jacques. 1,576,329; Mar. 9.
Badge. L. L. Goodman. Des. 69,648; Mar. 9.
Bag: *See*—
Ice bag.
Bag-frame lock. H. Tueckmantel. 1,576,161; Mar. 9.
Bag, Woven fabric, and making them. W. O. Jelleme. 1,576,191; Mar. 9.
Banjo-head supports. V. E. Adler. 1,576,171; Mar. 9.
Barrels, Tap for. H. G. O'Reilly. 1,575,714; Mar. 9.
Bathtubs and the like, Fitting for. H. De Correvont. 1,575,624; Mar. 9.
Battery carrier and group puller, Storage-. C. E. Moss. 1,576,060; Mar. 9.
Bed. S. B. Sklar. 1,575,871; Mar. 9.
Bed, Extension or pull-over. W. J. Duvall. 1,576,316; Mar. 9.
Bell ringer. G. W. Gill. 1,575,754; Mar. 9.
Blade holder. L. M. Alberty and W. J. Frank. 1,575,608; Mar. 9.
Bleaching operations, Controlling. R. B. Wolf. 1,576,018; Mar. 9.
Bloomers. I. Lesson. Re16,282; Mar. 9.
Board: *See*—
Plaster board. Wall plaster board.
Boat-handling apparatus. S. E. Aaron. 1,575,808; Mar. 9.
Boat-propulsion mechanism. G. Cashoty. 1,576,409; Mar. 9.
Boat, Sectional. G. L. Ferris. 1,575,982; Mar. 9.
Boats, Attachment for motor. J. W. Dawson. 1,576,237; Mar. 9.
Boats, Removable propelling mechanism for. A. M. C. de Corta. 1,576,178; Mar. 9.
Boiler: *See*—
Water boiler. Water-tube boiler.
Bookbinding. A. D. Dayton. 1,575,978; Mar. 9.
Boots, shoes, and slippers, Side lasting. L. A. Burke and T. F. Littleton. 1,575,813; Mar. 9.
Bowl. W. H. Magee. Des. 69,663–7; Mar. 9.
Bowling-alley pins, Machine for refinishing. B. R. Mudra. 1,576,448; Mar. 9.
Box: *See*—
Display box. Feed box.
Box. F. F. Hamilton. Des. 69,649; Mar. 9.
Box straps, Tightener for. H. A. Williams. 1,576,390; Mar. 9.
Boxes, Top for candy. A. R. Thayer. Des. 69,679; Mar. 9.
Bracket: *See*—
Folding bracket. Tube-frame bracket.
Bracket. E. H. Bisphan. 1,575,963; Mar. 9.
Brake: *See*—
Automotive brake. Fluid-pressure brake.
Fluid brake. Vehicle brake.
Brake-band-relining machine. A. C. McBride. 1,576,138; Mar. 9.
Brassière. G. V. Haven. 1,575,989; Mar. 9.
Brassière. G. V. Wood. 1,576,393; Mar. 9.
Bread and the like and manufacturing the same. H. E. Mall. 1,575,855; Mar. 9.
Bread baker, Communion-. W. H. Evans. 1,575,825; Mar. 9.
Brick backing. J. B. Ladd. 1,576,338; Mar. 9.
Briquettes, Composition for making. J. S. Robeson. 1,576,248; Mar. 9.
Broadcast receiving and telephone system, Combined. E. E. Clement. 1,576,308; Mar. 9.
Broadcasting system. E. E. Clement. 1,576,309; Mar. 9.
Brooder. G. Cugley. 1,576,177; Mar. 9.
Broom. A. F. Elkins. 1,575,745; Mar. 9.
Brush. E. F. Fletcher. 1,576,182; Mar. 9.
Brush, Fountain. F. O. Anderson. 1,575,809; Mar. 9.
Brushes, Mounting for cylindrical. L. H. Nielsen. 1,576,450; Mar. 9.
Bubbles, Mouthpiece for use in blowing soap. R. Larsen. 1,576,287; Mar. 9.
Bucket, Collapsible. T. L. Shell. 1,576,147; Mar. 9.
Buckle, Tie. J. W. Kaye. 1,576,052; Mar. 9.
Buckles, Supporting device for shoe. L. Goldbetter and S. M. Drummer. 1,576,273; Mar. 9.
Buffer-section manufacture, Multiply-fabric. H. Zimmerman. 1,575,887; Mar. 9.
Bull wheel and the like. T. J. Flesher. 1,575,984; Mar. 9.
Bulletin cabinet. I. L. Horne. 1,576,326; Mar. 9.
Bumper. A. J. Owsley. 1,576,354; Mar. 9.
Bumper. R. B. Fageol. 1,576,043; Mar. 9.
Bumper. A. L. Owsley. 1,576,354; Mar. 9.
Bumper and mounting means A. W. Nordgren. 1,576,483; Mar. 9.

Bunch builder, Automatic. J. F. Lehman. 1,576,198; Mar. 9.
Burglar alarm. F. J. Kokal. 1,576,334; Mar. 9.
Burner: *See*—
Gas burner.
Burner plate. C. W. Sponsel. 1,576,251; Mar. 9.
Bus, Motor. J. D. Eggleston. 1,575,675; Mar. 9.
Button, Cuff. A. A. Goldstein. 1,575,827; Mar. 9.
Button or article of similar nature. C. O. Snyder. Des. 69,677; Mar. 9.
Cable connection. A. F. Haynie. 1,575,759; Mar. 9.
Cables and the like by extrusion, Lead covering of electric. E. E. Judge. 1,575,768; Mar. 9.
Cakes, Crystallizing maple-sugar. A. Brown. 1,576,084; Mar. 9.
Calculating device. A. H. Gomez. 1,575,911; Mar. 9.
Calculating machine. J. I. Tuttle. 1,575,803; Mar. 9.
Calendar, diary, writing or other pad, and block with turnover leaves. J. A. Cameron. 1,575,673; Mar. 9.
Camera, Automatic film-winding. J. B. Pawley. 1,576,246; Mar. 9.
Cameras, Adjustable board lens for. C. E. Hutchings. 1,575,836; Mar. 9.
Cameras, Multiple attachment for. H. R. Hays. 1,575,990; Mar. 9.
Can conveyer. F. O. Hutton. 1,576,429; Mar. 9.
Can opener. G. M. Battey, jr. 1,575,612; Mar. 9.
Candle. M. A. Mertens. 1,576,205; Mar. 9.
Candy, Making porous. P. B. Laskey. 1,576,339; Mar. 9.
Candy-molding machine. T. Welsand. 1,576,017; Mar. 9.
Cap and the like, Dust. E. E. Holt. 1,575,833; Mar. 9.
Car-door guard strip. C. E. Eklind. 1,575,744; Mar. 9.
Car-door mechanism. R. S. Sharpnack and J. P. Benz. 1,575,721; Mar. 9.
Car unloader. H. Richardson. 1,576,360; Mar. 9.
Cars, End construction for railway. H. T. Anderson. 1,575,731; Mar. 9.
Cars, Hand brake for railway. W. A. Geiger. 1,575,752; Mar. 9.
Cars, Hand brake for railway. J. F. O'Connor. 1,575,710; Mar. 9.
Cars, Heater for motor. C. B. Waters. 1,575,667; Mar. 9.
Carbonaceous materials and such materials, Modifying ignition temperature, etc., of. I. H. Derby and C. B. Edwards. 1,576,179; Mar. 9.
Carbureting apparatus. J. P. Heuchel. 1,575,830; Mar. 9.
Carburetor. F. H. Ball. 1,576,295–6; Mar. 9.
Carburetor. P. S. Tice. 1,575,877; Mar. 9.
Carburetor. C. T. Torresen and C. G. Roth. 1,576,257; Mar. 9.
Carrier: *See*—
Luggage carrier.
Cart, Convertible. R. A. Hopf. 1,576,325; Mar. 9.
Carton flaps, Folding mechanism for. R. D. Delamere and V. G. Williams. 1,575,901; Mar. 9.
Carving-machine attachment. T. Wildberger and E. B. Johns. 1,576,123; Mar. 9.
Case. W. H. B. Cronk. 1,576,412; Mar. 9.
Casehardening small objects, Apparatus for. G. A. H. Meker. 1,575,835; Mar. 9.
Casting mold. A. Leinweber. 1,575,995; Mar. 9.
Castings, Forming reenforced. C. E. Eklind. 1,576,317; Mar. 9.
Ceiling fixture, Electric. W. Ostwald. Des. 69,668; Mar. 9.
Cellulose-acetate composition and making the same. L. J. Malone and S. J. Carroll. 1,575,778; Mar. 9.
Cement blocks, Special truck for. D. Ottaviani. 1,575,863; Mar. 9.
Centrifugal machine. K. G. Karsten. 1,575,846; Mar. 9.
Chain pipe wrench. C. W. Cupett. 1,576,414; Mar. 9.
Chair: *See*—
Aisle chair.
Charcoal, Manufacture of a highly-active decolorizing. H. Muller-Clemm. 1,575,703; Mar. 9.
Check valve. J. H. Durant and F. Vachal. 1,576,269; Mar. 9.
Check writer. A. H. Woodward. 1,575,885; Mar. 9.
Cheese press. W. Nayda. 1,575,704; Mar. 9.
Chimney thimble. W. T. Scott. 1,576,070; Mar. 9.
Chocolate, Process and apparatus for the manufacture of hollow objects of. R. Siegert. 1,576,149; Mar. 9.
Cigarette machines, Cut-off attachment for. G. A. Pepie, jr. 1,576,064; Mar. 9.
Cigars and analogous smokes, Ash-receiving attachment for. F. W. Duquette. 1,576,268; Mar. 9.
Cigars, Machine for banding. T. G. McGirr. 1,575,924; Mar. 9.
Circuit-changing switch. H. T. Brooker. 1,576,406; Mar. 9.
Circuit closer for back signals. B. L. Gamble, jr. 1,575,986; Mar. 9.
Circuit controller, Rail-contact. J. E. Clough, W. H. Stilwell, and A. R. Fugina. 1,576,175; Mar. 9.
Circuit switch, Short-. F. H. Bachman. 1,575,732; Mar. 9.
Circuits, Filter arrangement for wire program-distribution. M. E. Strieby. 1,575,659; Mar. 9.
Clamp: *See*—
Insulator clamp. Rope clamp.
Clamping device. H. B. Strohl. 1,575,872; Mar. 9.
Clarinet and saxophone mouthpieces, Ligature for. H. M. Chiron and F. Parme. 1,575,621; Mar. 9.
Clasp. P. J. Coffey. 1,575,622; Mar. 9.
Cleaner: *See*—
Windshield cleaner.
Cleaning attachment, Resilient. V. Satterwhite and W. A. Dille. 1,575,939; Mar. 9.
Clinker extractor. G. M. Bookman. 1,576,132; Mar. 9.
Clip-attaching machine. A. W. Kuth. 1,576,480; Mar. 9.
Clutch control for brake mechanisms. S. R. Spatenga. 1,576,250; Mar. 9.
Clutch mechanism. H. H. Jackson. 1,576,190; Mar. 9.
Coal, Pulverization of. H. Kreisinger. 1,576,235; Mar. 9.
Collating device. H. V. Ashby. 1,575,891; Mar. 9.
Collating device. H. V. Ashby. 1,575,893; Mar. 9.
Comb. G. Du Priest. 1,576,041; Mar. 9.
Concrete structures, Molding. J. B. Murray. 1,575,929; Mar. 9.
Concrete, Testing the consistency of. F. H. Jackson. 1,576,438; Mar. 9.
Condenser, Electric. W. P. Davey. 1,576,096; Mar. 9.
Condenser, Surface. P. A. Bancel. 1,575,810; Mar. 9.
Confections, Box of. M. H. Beakes. 1,576,026; Mar. 9.
Connecter. R. E. Jeillson. 1,576,050; Mar. 9.
Container. C. J. Bunz. 1,576,088; Mar. 9.
Container and humidor, Combined. H. Goldsmith. 1,576,272; Mar. 9.
Containers, Fastener for. A. R. Wolf. 1,575,669; Mar. 9.
Controlling device. J. F. Goetz. 1,575,826; Mar. 9.
Conveying apparatus. L. A. Stinson. 1,575,655; Mar. 9.
Coop, Folding chicken. E. A. Kamerer. 1,576,330; Mar. 9.
Core-maker's table or the like. G. B. Pickop. 1,576,458; Mar. 9.
Cotton and similar materials, Pneumatic conveyer for. J. L. Rushton. 1,575,642; Mar. 9.
Cotton gin. J. C. Garner. 1,576,111; Mar. 9.
Cotton-gin feeders, Cleaner drum for. G. P. Galvin and F. L. Sweney. 1,575,985; Mar. 9.
Cotton-stalk cutter. O. O. and S. W. Potter. 1,576,217; Mar. 9.
Coupling: *See*—
Flexible coupling. Laminated coupling.
Hose coupling.
Crossing signal. G. S. Matthews. 1,575,857; Mar. 9.
Crushing head. E. B. Symons. 1,575,874; Mar. 9.
Cultivator. W. L. Braley and H. N. Fuss. 1,576,029; Mar. 9.
Cultivator, Power. M. S. Sullivan. 1,575,946; Mar. 9.
Current motor, Alternating-. H. Welchsel. 1,575,729; Mar. 9.
Curtain and shade hanger. G. E. West. 1,575,805; Mar. 9.
Cutter: *See*—
Cotton-stalk cutter.
Cutter. C. S. Harris. 1,575,756; Mar. 9.
Cutter. J. M. Rauha, jr. 1,576,359; Mar. 9.
Cycle, motor cycle, and the like. F. J. H. Phillips. 1,576,216; Mar. 9.
Cylinder, Cotton-cleaning. C. Martinez. 1,576,345; Mar. 9.
Decalcomania sheet. W. De Ville. Des. 69,641; Mar. 9.
Dental film holder. P. Wiens. 1,576,477; Mar. 9.
Dental level. H. F. Waite. 1,576,260; Mar. 9.
Dental plates and apparatus therefor, Manufacture of. C. Jonnides. 1,575,688; Mar. 9.
Dentist's chip blower and air syringe. C. S. Ballard. 1,576,128; Mar. 9.
Depository entrance, Night-. S. P. Yeo. 1,576,125; Mar. 9.
Desk and seat, Combined school. J. B. Hicks. 1,576,278; Mar. 9.
Desk set and lamp stand, Combined. S. Gollob. Des. 69,647; Mar. 9.
Die: *See*—
Hexagonal die.
Digger attachment, Onion and potato. S. J. Russell and J. Godwin. 1,576,364; Mar. 9.
Direction indicator. J. M. Mellis. 1,576,058; Mar. 9.
Disks and making same, Sheet for making cushion. C. E. McManus. 1,576,242; Mar. 9.
Dispatch systems, Central-station apparatus for pneumatic-. W. H. Dinspel. 1,576,312; Mar. 9.
Dispensing device. B. B. Cochran. 1,575,972; Mar. 9.
Display apparatus. L. R. McDonald. 1,576,201; Mar. 9.
Display box. B. Seaman. 1,576,144; Mar. 9.
Display stand, Chocolate-confectious-. E. T. Folts. 1,576,420; Mar. 9.
Display stand, Commodity-. C. P. Johnson. 1,576,283; Mar. 9.
Display stand for supporting two-wheeled vehicles. E. E. Hoffman. 1,576,048; Mar. 9.
Display tray. T. W. Fred. 1,576,422; Mar. 9.
Ditching machine. T. L. Collins. 1,575,898; Mar. 9.
Doll. E. H. Fisher. Des. 69,646; Mar. 9.
Door-actuating mechanism. F. Yelavich. 1,576,398; Mar. 9.
Door, Adjustable. B. M. Reznik. 1,576,068; Mar. 9.
Door check, Cabin-. K. Rumrich. 1,575,641; Mar. 9.
Door closer and check. P. Lang. 1,576,286; Mar. 9.
Door construction. J. G. Deitz. 1,576,098; Mar. 9.
Door construction, Vehicle. V. Southworth. 1,575,654; Mar. 9.

Door jamb, Metal. A. J. Connell. 1,576,038; Mar. 9.
Doughnut machine. J. F. Ganski. 1,576,270; Mar. 9.
Dress hanger. E. Trumpler. 1,576,015; Mar. 9.
Drier: *See*—
Laundry drier.
Drill: *See*—
Rock drill.
Drill device. F. A. Veith. 1,575,878; Mar. 9.
Drills, Feed-controlling means for rock. W. G. Naismith. 1,576,449; Mar. 9.
Drilling and applying brake-band linings, Mechanism for. C. E. Corson and W. A. Wright. 1,576,135; Mar. 9.
Drilling machine. R. M. Galloway and P. C. Burton. 1,576,110; Mar. 9.
Drilling machines, Attachment for. P. Toorks. 1,575,953; Mar. 9.
Drinking glass. A. E. Schlbach. 1,575,870; Mar. 9.
Drip and other refrigerator pan. O. M. Fagley. 1,576,319; Mar. 9.
Drying tumbler. C. J. Hunt. 1,575,917; Mar. 9.
Duplicating machines, Stencil sheet for rotary. R. C. Rogers. 1,575,718; Mar. 9.
Dye, Aso. J. Haller. 1,576,322; Mar. 9.
Dyeing and printing of textile goods and other materials adapted to be impregnated, M. Bader, T. Lombard, C. Sunder, and C. Vaucher. 1,575,958; Mar. 9.
Dyeing apparatus. B. K. Thies. 1,576,378; Mar. 9.
Dyeing device, Yarn-. G. T. Thomayer. 1,576,013; Mar. 9.
Dyestuffs and making same. J. Fröhlich. 1,575,678–9; Mar. 9.
Earring safety guard. E. J. Shea. 1,576,372; Mar. 9.
Elbow-making machine. A. D. Kumpf. 1,576,337; Mar. 9.
Electric motor. G. F. Packard. 1,576,002; Mar. 9.
Electric retardation line. G. W. Pierce. 1,576,459; Mar. 9.
Electric switch. W. Ile. 1,575,837; Mar. 9.
Electric switch. C. F. Schwennker. 1,576,143; Mar. 9.
Electric switch and circuit, Automatic. G. L. Hedges and E. F. Martinet. 1,576,276; Mar. 9.
Electrical apparatus, Terminal connection for. L. W. Downes. 1,576,102; Mar. 9.
Electrical conductors, Terminal for. N. W. Stratford and L. Pondelick. 1,575,656; Mar. 9.
Electrical connecter. W. Ile. 1,575,838; Mar. 9.
Electrical connecter. S. McClatchie. 1,576,241; Mar. 9.
Electrically-propelled vehicle. A. H. Jackson. 1,575,766; Mar. 9.
Electrode for use in the electrolytic evolution of gases. E. Heinze. 1,575,627; Mar. 9.
Electromagnet. H. M. Stevens. 1,576,155; Mar. 9.
Ellipses, Instrument for drawing. P. Zuliani. 1,575,889; Mar. 9.
Engine: *See*—
Internal-combustion engine. Rotary engine.
Engine exhaust. W. C. Dial. 1,576,040; Mar. 9.
Engine igniters, Closure for. H. W. Sumner. 1,576,254; Mar. 9.
Engine starter. W. L. McGrath. 1,575,608; Mar. 9.
Engines, Air-filling attachment for motor-vehicle. G. J. Gilmore and C. A. Rommel. 1,575,908; Mar. 9.
Engines, Automatic inlet-valve mechanism for reciprocating. K. Lignies. 1,576,240; Mar. 9.
Engines, Cylinder liner for internal-combustion. B. Pochobradsky and G. A. Mellor. 1,575,638; Mar. 9.
Engines, Determining the temperature of internal-combustion. S. A. Foster. 1,575,750; Mar. 9.
Engines, Electric starter for internal-combustion. A. H. Midgley. 1,575,702; Mar. 9.
Engines from piston crossheads, Apparatus for removing the piston rod of locomotives and other. G. Chambon. 1,575,620; Mar. 9.
Engines, Fuel-feed control for automotive. S. Barlow. 1,576,078–9; Mar. 9.
Engines, Humidifier for internal-combustion. A. Forman and R. Matchett. 1,576,109; Mar. 9.
Engines, Magneto-brush and force-feed attachment for internal-combustion. K. M. Turner. 1,576,259; Mar. 9.
Engines, Manifold for internal-combustion. E. J. Miles. 1,575,859; Mar. 9.
Engines, Operating suction-actuated devices from the intake manifold of internal-combustion. C. S. Bragg and V. W. Kliesrath. 1,576,432; Mar. 9.
Engines, Operating suction-actuated devices in connection with internal-combustion engines. C. S. Bragg and V. W. Kliesrath. 1,576,433; Mar. 9.
Engines, Piston for internal-combustion. L. Fox. 1,575,751; Mar. 9.
Engines, Spark plug for internal-combustion. E. A. Watts. 1,576,384; Mar. 9.
Engines, Supply of auxiliary air to internal-combustion. A. H. Moss. 1,576,349; Mar. 9.
Engines, Valve for internal-combustion. W. G. Buck. Re16,286; Mar. 9.
Ensilage cutter. W. F. MacGregor. 1,575,853; Mar. 9.
Envelope, Return. J. A. Kaye. 1,575,769; Mar. 9.
Evaporator for concentrating or drying. T. Rigby. 1,576,471; Mar. 9.
Exerciser. B. A. Walker. 1,576,474; Mar. 9.
Exhibitor, Changeable. C. J. McDonald. 1,575,997; Mar. 9.
Extractor: *See*—
Clinker extractor. Starch extractor.
Extractor beating engine. F. B. Dilts. 1,576,101; Mar. 9.
Fats, oils, and waxes, Decomposing. W. Schrauth. 1,576,005; Mar. 9.
Feed box. W. H. Jenkins. 1,575,629; Mar. 9.
Feed distributor. R. C. Olson. 1,575,930; Mar. 9.
Fender guard. A. W. Nordgren. 1,576,484; Mar. 9.
File-cleaning tool. J. G. Daly. 1,576,095; Mar. 9.
Films, Apparatus for winding and unwinding. G. R. Macomber. 1,576,343; Mar. 9.
Filter unit. J. J. Preble. 1,576,121; Mar. 9.
Filtering and thickening process and apparatus. A. L. Genter. 1,575,907; Mar. 9.
Filtering device, Mechanical. E. F. Spanner. 1,576,374; Mar. 9.
Filtering medium. H. C. Martin. 1,576,440; Mar. 9.
Fish bridge. H. A. Polain. 1,576,462; Mar. 9.
Fishing device, Automatic. G. Cook. 1,576,233; Mar. 9.
Fishing gear, Trawling. J. B. J. A. Vigneron. 1,575,579; Mar. 9.
Fishing reel. P. Catucci. 1,575,619; Mar. 9.
Fixture holder. J. H. Petty. 1,576,457; Mar. 9.
Flags, Adjustable support for. J. B. Blaw. 1,575,614; Mar. 9.
Flanging machine. J. Huber. 1,576,281; Mar. 9.
Flexible coupling. E. G. Kimmich. 1,575,621; Mar. 9.
Flexible coupling. H. E. Morse. 1,575,927; Mar. 9.
Floor composite sections, Parquet-. E. S. Daniels. 1,575,921; Mar. 9.
Floor-surfacing machine. O. E. Hadwiger. 1,576,428; Mar. 9.
Floor waxer and polisher. W. F. H. and E. P. Braun. 1,576,173; Mar. 9.
Flower holder. N. N. Schneider. 1,576,189; Mar. 9.
Fluid brake. G. E. Hedstrom. 1,576,216; Mar. 9.
Fluid buffer. G. Booth. 1,576,300; Mar. 9.
Fluid-control apparatus. K. Liefke. 1,576,066–7; Mar. 9.
Fluid for industrial purposes. E. R. Brodton. 1,575,967; Mar. 9.
Fluid in fluid-transmission systems, Straining. L. Pryce. 1,576,466; Mar. 9.
Fluid-pressure brake. J. W. Cloud. 1,575,820; Mar. 9.
Fluid-pressure brake. J. M. Dapron. 1,575,740; Mar. 9.
Fluids, Apparatus for automatically controlling the specific gravity of. E. F. Salich. 1,575,645; Mar. 9.
Folding bracket. J. Rundle. 1,576,227; Mar. 9.
Food receptacle for young chickens. W. Bitman. 1,576,419; Mar. 9.
Forging machine. A. T. and K. J. Holman. 1,576,279; Mar. 9.
Form tie and spacer construction. H. A. Orlopp. 1,575,931; Mar. 9.
Fountain: *See*—
Watering fountain.
Frame: *See*—
Quilting frame. Tent frame.
Frost preventer for orchards. E. S. Cobb. 1,575,971; Mar. 9.
Fruit gatherer. W. P. Gaughan. 1,576,113; Mar. 9.
Fruit-press drive. F. Conzoll. 1,576,284; Mar. 9.
Frying basket. W. B. Wills. 1,576,124; Mar. 9.
Frying potato chips and the like, Mechanism for. C. B. Gasser. 1,576,321; Mar. 9.
Fuel and making it, Artificial. L. L. Summers. 1,576,253; Mar. 9.
Fuel receptacle. H. H. Welch. 1,576,396; Mar. 9.
Furnace: *See*—
Hot-air furnace. Industrial furnace.
Furnace. T. W. Cashman. 1,576,174; Mar. 9.
Furnace. W. M. Duncan. 1,576,267; Mar. 9.
Furnace. J. Reid. 1,575,793; Mar. 9.
Furnace. F. Seeber. 1,576,371; Mar. 9.
Furnace linings, Refractory brick for. O. Aram. 1,576,021; Mar. 9.
Furnaces, Bell-rod mounting for blast. A. G. McKee. 1,576,444; Mar. 9.
Furniture spring. V. Massacese. 1,576,441; Mar. 9.
Fuse and making same, Electric. A. F. Weiss. 1,576,185; Mar. 9.
Fuse-cut-out circuit breaker. C. F. Schmiese. 1,576,228; Mar. 9.
Fuse, Mechanical time. J. S. Barker. 1,576,131; Mar. 9.
Gaiter, Spring. T. Cordingley. 1,576,134; Mar. 9.
Gallium metal, Refining. S. Boyer. 1,576,083; Mar. 9.
Game table. A. H. Searle. 1,576,145; Mar. 9.
Garbage containers and garbage, Treatment of. J. T. Fetherston. 1,576,106; Mar. 9.
Garbage-treating composition. J. T. Fetherston. 1,576,105; Mar. 9.
Garment hanger, Adjustable and lockable. E. A. Dennis. 1,576,039; Mar. 9.
Garter. E. Larimore and V. Frame. 1,575,631; Mar. 9.
Gas burner. P. J. Sonner. 1,575,653; Mar. 9.
Gaseous currents, Silencer for. N. Straumler. 1,575,657; Mar. 9.
Gate: *See*—
Railway gate.
Gate. J. W. Matthews. 1,576,442; Mar. 9.
Gathering apparatus. H. C. Estep. 1,576,042; Mar. 9.
Gauge: *See*—
Heel gauge.
Gauge. G. Mendell. 1,576,346; Mar. 9.
Gear, Coaster steering. S. S. Griffin. 1,576,426; Mar. 9.
Gear, Metal-clad electric switch. J. Mirvey. 1,576,547; Mar. 9.

Gear-shift lever ball, Illuminated. H. G. Dibelka. 1,575,625; Mar. 9.
Gear-shifting mechanism. G. T. Randol. 1,576,065; Mar. 9.
Gear wheel, Adjustable. W. R. Schooling. 1,576,369; Mar. 9.
Gearing, Variable-speed. M. F. L. A. Aymard. 1,576,399; Mar. 9.
Generator: *See*—
Power generator.
Glareshield. J. P. Culbertson. 1,576,094; Mar. 9.
Glass: *See*—
Drinking glass.
Glass, Apparatus for fabricating reenforced. W. C. Bull 1,575,969; Mar. 9.
Glass containers, Machine for making. W. E. Glaspey 1,576,114; Mar. 9.
Glass sheets, Drawing. W. L. Monro. 1,576,446; Mar. 9.
Glass-working machine. F. J. Rippl. 1,576,221; Mar. 9.
Go-cart, high chair, and baby carriage, Combined. T. A. Tisdell. 1,576,075; Mar. 9.
Governing mechanism for prime movers. E. G. Standerwick. 1,576,153; Mar. 9.
Grader. P. V. Burson. 1,575,814; Mar. 9.
Grain-elevating conveyor. C. L. Rhoten. 1,575,937; Mar. 9.
Granular material, Apparatus for drying. F. H. Rosencrants. 1,576,362; Mar. 9.
Graphophone records, Cabinet for. A. Hermanson. 1,576,277; Mar. 9.
Grating. M. Lachman. 1,575,772; Mar. 9.
Grave filler. W. Kronsbein. 1,576,336; Mar. 9.
Grinding and polishing machine. F. Kuhn and L. H. Thomas. 1,575,694; Mar. 9.
Grinding machine. W. L. Bryant. 1,575,968; Mar. 9.
Grinding machine. C. G. Olson. 1,575,713; Mar. 9.
Grinding twist-drill points and the like, Mechanism for use in. B. M. Des Jardins. 1,576,311; Mar. 9.
Hairbrush, Rotary. R. R. Kemmis. 1,576,196; Mar. 9.
Hame. J. L. Parrish. 1,576,456; Mar. 9.
Hand elevator for arms, Front. L. L. Schauer. 1,576,473; Mar. 9.
Hanger: *See*—
Dress hanger. Pipe hanger.
Hangers, Size indicator for garment. B. Lesser. 1,575,775; Mar. 9.
Harrow. J. Pick. 1,575,934; Mar. 9.
Hat-crown-adjusting device. G. W. Murphy. 1,576,350; Mar. 9.
Hat holder. E. A. Noonan and W. H. Kerr. 1,576,452; Mar. 9.
Headlamp. E. E. Huntington. Des. 69,655; Mar. 9.
Headlight. E. E. Cipperly. 1,576,035; Mar. 9.
Headlight, Dirigible. H. S. Banholzer and J. J. Montague. 1,576,129; Mar. 9.
Headlight housing, Vehicle. W. D. Ryan. Des. 69,671; Mar. 9.
Heat treating substances packed in sealed receptacles, Apparatus for. N. H. Fooks. 1,576,421; Mar. 9.
Heater: *See*—
Vehicle heater.
Heating appliance. R. C. Browne. 1,576,086; Mar. 9.
Heating systems, Return fitting for vapor. L. F. Ostrander. 1,575,862; Mar. 9.
Heel-blank-breasting machine. L. B. Pope. 1,576,463; Mar. 9.
Heel for boots and shoes and the like. F. Martino. 1,575,856; Mar. 9.
Heel for footwear, Detachable. L. Van Roy. 1,575,664; Mar. 9.
Heel gauge. W. Follet. 1,576,183; Mar. 9.
Heel, Rubber. H. T. Hughes. 1,576,282; Mar. 9.
Heel-trimming machine. L. B. Pope. 1,576,464; Mar. 9.
Hexagonal die. F. O. Wells. 1,576,166; Mar. 9.
Hides, Stretching apparatus for. S. Ede. 1,576,418; Mar. 9.
High-frequency apparatus. A. F. Van Dyck. 1,576,162; Mar. 9.
Highway surfacing and the like, Composition for. J. H. Amies. 1,575,957; Mar. 9.
Hoist, Double-drum. C. C. Hansen. 1,575,914; Mar. 9.
Hoist, Double-drum. F. M. Slater. 1,575,798; Mar. 9.
Hook: *See*—
Safety hook.
Hook. P. A. Nordling. 1,576,352; Mar. 9.
Horn and making same, Composite. G. W. Bulley. 1,575,617; Mar. 9.
Hose coupling. E. H. Gold and E. A. Russell. 1,576,115; Mar. 9.
Hose nozzle, Self-closing. O. E. Szekely. 1,576,255; Mar. 9.
Hosiery, Finishing. F. J. Kienee and W. M. Schwartz. 1,576,333; Mar. 9.
Hot-air furnace. F. Z. Ahl. 1,576,020; Mar. 9.
Humidifying system. T. H. Ireland. 1,575,839; Mar. 9.
Hydrocarbons, Blending and purifying light. G. Egloff. 1,575,906; Mar. 9.
Ice bag. H. E. Hodgson. 1,576,488; Mar. 9.
Ice boxes or the like, Container for. P. Frey. 1,575,906; Mar. 9.
Ice-cream cabinet. R. R. Stitt. 1,576,008; Mar. 9.
Ice-cream-cone-rolling machine. H. G. Tatosian. 1,576,011; Mar. 9.
Ice, Machine for scoring. R. H. Roark. 1,575,794; Mar. 9.
Ignition apparatus. W. Robbins. 1,576,222; Mar. 9.
Incense burner. R. F. Schroeder and L. S. Sakols. Des. 69,675; Mar. 9.
Incinerator. T. H. Ledden. 1,576,289; Mar. 9.
Indicator: *See*—
Direction indicator.
Induction meter. F. P. Church. 1,576,092; Mar. 9.
Industrial furnace. H. H. Bubar. 1,576,033; Mar. 9.
Ingot-trimming press, Hydraulic. A. D. Kessler. 1,576,332; Mar. 9.
Inkwell. M. F. Moran. 1,576,348; Mar. 9.
Insecticide container for upholstered furniture. A. M. Bank. 1,576,262; Mar. 9.
Insulator clamp. C. E. Rogers. 1,576,224; Mar. 9.
Internal-combustion engine. J. S. Booth. 1,576,301; Mar. 9.
Internal-combustion engine. E. R. Burtnett. 1,576,306; Mar. 9.
Internal-combustion engine. T. B. Monk. 1,575,860; Mar. 9.
Internal-combustion engine. V. U. D. Pierce. 1,576,357; Mar. 9.
Internal-combustion engine. H. D. Williams. 1,576,392; Mar. 9.
Jack: *See*—
Pulling jack.
Jib crane. F. W. Hollick. 1,575,687; Mar. 9.
Joint: *See*—
Ball joint. Universal joint.
Joint. H. J. Altnow. 1,575,730; Mar. 9.
Jumper. J. King, L. Snider, and C. Hamilton. 1,575,847; Mar. 9.
Key holder. C. H. Fallows. 1,576,103; Mar. 9.
Key-pulling tool. M. C. Deifenderfer. 1,576,097; Mar. 9.
Key-ring holder. R. F. Menke. 1,575,858; Mar. 9.
Kilns, Control device for dry. F. W. Rubin. 1,575,938; Mar. 9.
Kit, Auto luncheon. R. C. Browne. 1,576,032; Mar. 9.
Knitting machine. N. J. Perry. 1,575,932; Mar. 9.
Label-holder channels, Mounting and cutting. J. Cooke. 1,575,899; Mar. 9.
Lace. S. H. Page. Des. 69,669; Mar. 9.
Laminated coupling. A. Seidel. 1,576,220; Mar. 9.
Lamp and smoker's stand, Combination. H. V. G. Dohm. Des. 69,642; Mar. 9.
Lamp, Locking. H. Hubbell. 1,575,992; Mar. 9.
Lamp, Miner's safety. H. Meyer. 1,575,636; Mar. 9.
Lamp, Signal. M. M. Cunningham. 1,576,235; Mar. 9.
Laundry drier. C. L. Braley. 1,575,965; Mar. 9.
Laundry tub. F. Knobloch. 1,576,053; Mar. 9.
Leaching, washing, or like operations on solid or semi-solid material, Multichamber apparatus for conducting. W. Raabe. 1,575,936; Mar. 9.
Lead-in wire and gas-tight seal and making same. C. A. Laise. 1,575,994; Mar. 9.
Leg structure, Adjustable. C. M. Parker. 1,576,455; Mar. 9.
Lens, Headlight. T. S. Wright. Des. 69,682; Mar. 9.
Level, Gravity. H. J. Halloran. 1,576,437; Mar. 9.
Level, Terrace. J. Richardson. 1,576,470; Mar. 9.
License-plate holder. P. John. 1,576,193; Mar. 9.
Lighting-fixture backplate. H. A. Safon. Des. 69,672; Mar. 9.
Lighting-fixture plate. H. A. Safon. Des. 69,673; Mar. 9.
Lighting fixtures, Bracket arm for. J. R. Buchanan and R. H. Abbott. Des. 69,633; Mar. 9.
Lighting fixtures, Bracket back for. S. Afro. Des. 69,623-4; Mar. 9.
Lighting fixtures, Ceiling light for. F. S. Crowell. Des. 69,639; Mar. 9.
Lighting fixtures, Pendant for. J. H. Sample. 1,575,795; Mar. 9.
Lighting fixtures, Plate for. G. E. Villaret. Des. 69,680; Mar. 9.
Lighting fixtures, Wall plate for. J. R. Buchanan and R. H. Abbott. Des. 69,634; Mar. 9.
Lights, Adjustable supporting means for. C. Sklarek. 1,575,722; Mar. 9.
Limb, Artificial. G. W. Leirmann. 1,575,849; Mar. 9.
Link, Chain. T. C. Blackburn. 1,576,431; Mar. 9.
Link, Safety. W. Goodman. 1,576,424; Mar. 9.
Linoleum, Manufacturing. G. Dubsky. 1,576,181; Mar. 9.
Liquid-level regulator. R. Carlstedt. 1,575,816; Mar. 9.
Liquids and mixing same with gaseous substances, Apparatus for atomizing. W. H. Beanes. 1,575,671; Mar. 9.
Liquids such as liquid fuel, Instrument or apparatus for indicating the flow or consumption of. W. B. Mitchell. 1,576,445; Mar. 9.
Lock: *See*—
Bag-frame lock. Nut lock.
Lock. J. Setterberg. 1,576,071; Mar. 9.
Lock. W. C. Springer. 1,576,007; Mar. 9.
Lock seal, Tie-. A. Moritz. 1,576,059; Mar. 9.
Locomotive. R. M. Brown. Re16,285; Mar. 9.
Locomotive. H. B. Oatley and W. E. Woodard. 1,576,245; Mar. 9.
Locomotive, Electric storage-battery. R. Mancha. 1,575,600; Mar. 9.
Loom bunter. A. H. Landry. 1,576,285; Mar. 9.

Looms, Automatically-threading shuttle for. N. W. Brannon. 1,576,036; Mar. 9.
Loop, Receiving. R. H. Langley. Des. 69,660; Mar. 9.
Loop-trimming machine, Selvage-. F. C. Whittier. 1,576,476; Mar. 9.
Loose material, Apparatus for projecting. B. H. Schieldrop. 1,576,366; Mar. 9.
Loud-speaker support. A. Pihl. 1,576,460; Mar. 9.
Lubricating device, Automatic. N. R. White. 1,575,806; Mar. 9.
Lubricating system. E. W. Davis. 1,575,976; Mar. 9.
Lubricating system. E. A. Watts. 1,576,385; Mar. 9.
Lubricating systems, Connection for. P. Gresser. 1,575,755; Mar. 9.
Lubricator. F. L. Scott. 1,576,370; Mar. 9.
Luggage carrier. J. J. Ferguson. 1,576,104; Mar. 9.
Luggage-carrier mounting. E. J. Pickerell. 1,575,790; Mar. 9.
Lumber bunk. V. G. Gilbreath and S. T. Williamson. 1,576,271; Mar. 9.
Machine tools, Pilot-bar construction for. G. W. Drake and M. E. Lange. 1,575,742; Mar. 9.
Magazine. J. A. Paakal. 1,576,214; Mar. 9.
Magneto. T. G. Louis. 1,576,449; Mar. 9.
Magnifier. D. H. O'Meara. 1,575,784; Mar. 9.
Map holder. J. S. Bowen. 1,576,028; Mar. 9.
Mattress. W. C. O'Kane. 1,576,211; Mar. 9.
Measuring device. J. W. Reddy. 1,576,003; Mar. 9.
Measuring device, Foot-. W. M. Scholl. 1,575,646; Mar. 9.
Measuring device, Liquid-. W. F. Mowry. 1,575,782; Mar. 9.
Meat choppers, Crowder for. W. H. Jeans. 1,575,840; Mar. 9.
Meat mold. T. Drusbach. 1,576,417; Mar. 9.
Meat tenderer. J. C. Wafford. 1,576,164; Mar. 9.
Metallic bodies, Method of and apparatus for uniting. W. G. Allan. 1,575,609; Mar. 9.
Metals from scrap and the like, Recovering light. A. Beck. 1,576,060; Mar. 9.
Meter: *See*—
Induction meter. Registering meter.
Milk, Making concentrated sour. A. Neuhauser. 1,576,351; Mar. 9.
Mines, Safety apparatus for use in. H. W. Hanpanen. 1,575,626; Mar. 9.
Mirror support. G. F. and W. H. Colbert. 1,576,087; Mar. 9.
Moistener, Envelope. H. W. Agnew. Des. 69,622; Mar. 9.
Moisture in droplets upon glass or other polished surfaces, Composition for preventing the accumulation of. M. Ross. 1,576,363; Mar. 9.
Mold: *See*—
Casting mold. Wall mold.
Meat mold.
Mold form. J. D. Acker. 1,576,291; Mar. 9.
Mold-marker mounting. F. O'Neill. 1,576,212; Mar. 9.
Molding. E. R. Creamer. 1,576,411; Mar. 9.
Molding apparatus. S. Zimetbaum. 1,576,019; Mar. 9.
Molding, Finishing. H. D. Randall. 1,576,490; Mar. 9.
Molding machine. G. H. Petri. 1,575,788; Mar. 9.
Molds having stripper plates, Operating male and female. W. McLaren. 1,576,202; Mar. 9.
Molds, Methods and means for luting. A. Dalewas. 1,576,434; Mar. 9.
Money, Method and apparatus for handling. S. M. Londy. 1,575,776; Mar. 9.
Mop. R. Maeda. 1,576,203; Mar. 9.
Mop. J. H. Postel. 1,575,791; Mar. 9.
Mop shaker. C. Bernstein. 1,575,733; Mar. 9.
Motion-converting device. C. W. Sponsel. 1,576,252; Mar. 9.
Motor: *See*—
Current motor. Rotary fluid-pressure motor.
Electric motor. Spring motor.
Motor control, System of electric-. H. C. Hastings and E. B. Tuppen. 1,576,187; Mar. 9.
Motor cycles and the like, Balancing device for. L. Chisar. 1,576,133; Mar. 9.
Motor housing. J. Teipel and W. F. Exner. 1,575,660; Mar. 9.
Mounting, Lantern-slide. J. D. Scott. 1,575,720; Mar. 9.
Needle, Padding. M. Balcher. 1,575,896; Mar. 9.
Nest, Trap. J. M. Sargeant. 1,576,060; Mar. 9.
Nozzle, Hose. C. Spaeth. Re16,284; Mar. 9.
Nut, Lock. J. C. Passmore. 1,576,062; Mar. 9.
Nuts, Shelling. G. A. Nehrbood. 1,576,244; Mar. 9.
Oil, Apparatus for treating. F. C. Vande Water and F. E. Sunderman. 1,575,663; Mar. 9.
Oil distillation. J. E. Bell. 1,576,401; Mar. 9.
Oil-spraying device. W. B. Brown. 1,576,031; Mar. 9.
Ores, Beneficiation of. C. P. McCormack. 1,575,852; Mar. 9.
Otoconcussor. M. L. Smith and R. H. Schwalb. 1,575,724; Mar. 9.
Oven closure. J. Nolla. 1,576,451; Mar. 9.
Package-dispensing container. W. G. Swarts. 1,576,010; Mar. 9.
Packing for piston rods, Metallic. C. H. Love. 1,576,341; Mar. 9.
Paintbrush. S. J. Lessing. 1,575,697; Mar. 9.
Paintbrush. H. Shulman. 1,576,148; Mar. 9.
Painting machine, Handle-. J. H. Hughes. 1,576,327; Mar. 9.
Pan: *See*—
Drip and other refrigerator pan.
Paper boxes in the process of manufacture, Apparatus for forming and clamping. I. A. Deline. 1,576,741; Mar. 9.
Paper currency and making same, Protected. P. A. Sawyer. 1,575,940; Mar. 9.
Paper-cutting machine. C. Seybold. 1,575,646-9; Mar. 9.
Paper driers, Heating system for. A. E. Broughton. 1,575,615; Mar. 9.
Paper-hanging machine. S. Boros. 1,576,403; Mar. 9.
Paper-making machine. A. Aldrich. 1,576,126; Mar. 9.
Paper-packing device. F. Mentges. 1,576,243; Mar. 9.
Paper shells, Machine for making. W. T. Ayer. 1,575,894; Mar. 9.
Partition, Interior. H. D. Oberdorfer and F. W. Voigtlander. 1,575,705; Mar. 9.
Pasting machine, Wall-paper-. W. J. Roles. 1,575,868; Mar. 9.
Patch-applying instrument, Self-cleaning. E. O. Young. 1,576,491; Mar. 9.
Pavement construction. B. Ransome. 1,576,066; Mar. 9.
Paving material and preparing same. F. E. Greene. 1,576,045; Mar. 9.
Peanuts, Apparatus for use in imparting flavor to. A. Peris. 1,576,215; Mar. 9.
Pearl essence, Refining process for. J. Paisseau. 1,576,454; Mar. 9.
Pencil. B. Sheldon. 1,576,146; Mar. 9.
Pet-cock wrench. R. C. Majors. 1,576,000; Mar. 9.
Photographic apparatus with curved focus, System of. H. B. Le Provost. 1,576,340; Mar. 9.
Photographic cartridge. H. E. Van Derhoef. 1,575,804; Mar. 9.
Photographic cartridges, Sticker band for. J. G. Jones and H. G. Dewey. 1,575,844; Mar. 9.
Photographic shutter. C. Bornmann. 1,576,302; Mar. 9.
Photographic sound recording, Electric gas-discharge tube for. H. G. Matthews. 1,575,701; Mar. 9.
Photography color. F. Hahn. 1,576,118; Mar. 9.
Piano. W. W. Weiser. 1,575,668; Mar. 9.
Piano or organ keyboards, Indicator for. E. Rosenberg. 1,576,004; Mar. 9.
Piano unit, Player-. O. A. Ericson. 1,575,746; Mar. 9.
Pianos, Mandolin attachment for. M. Weber. 1,575,720; Mar. 9.
Picture machine, Moving-. M. J. Giselson. 1,575,909; Mar. 9.
Picture-projection machine. J. R. Bradford. 1,576,404; Mar. 9.
Pins, Holder for marking. M. J. Buckley. 1,575,734; Mar. 9.
Pins in artificial teeth, Placing. A. E. Gibson. 1,575,753; Mar. 9.
Pipe cap. H. E. Olsen. 1,576,353; Mar. 9.
Pipe-forming machine. W. C. Austin. 1,576,127; Mar. 9.
Pipe hanger. J. J. Casey. 1,576,307; Mar. 9.
Pipe or tube bending machine. P. Mueller, C. W. Lucas, and A. C. Schuermann. 1,575,928; Mar. 9.
Pipe-turning apparatus. J. Becker. 1,576,027; Mar. 9.
Pistol. W. F. Schmidt. 1,575,644; Mar. 9.
Piston and making same. E. J. Hall. 1,575,828; Mar. 9.
Piston-insertion device. T. Windle. 1,575,907; Mar. 9.
Piston ring. E. S. Bolenbaugh. 1,576,402; Mar. 9.
Piston ring. W. H. Keys. 1,575,920; Mar. 9.
Piston ring. L. R. Spencer. 1,576,377; Mar. 9.
Pitcher or similar article. G. Haviland. Des. 69,650-1; Mar. 9.
Planer, Subgrade. J. M. Garvey. 1,576,112; Mar. 9.
Plaster board. J. N. Schumacher. 1,576,141; Mar. 9.
Plaster board. J. Schumacher. 1,576,142; Mar. 9.
Plate or similar article. V. Dessert. Des. 69,640; Mar. 9.
Plate-scraping machine. H. F. Yelding. 1,576,170; Mar. 9.
Plating device. N. Meurer. 1,575,926; Mar. 9.
Posting tray. C. H. La Selle. 1,575,696; Mar. 9.
Poultry coop. L. A. Cohen. 1,575,674; Mar. 9.
Powder box or similar article. H. S. Anderson. Des. 69,625; Mar. 9.
Powders, Process and apparatus for disintegrating dry. H. Pianson. 1,575,717; Mar. 9.
Power generator. W. M. Smith. 1,576,873; Mar. 9.
Power head. P. A. Myers. 1,576,208; Mar. 9.
Power plant. A. D. Ferguson. 1,575,981; Mar. 9.
Power plant. R. Wagner. 1,575,665; Mar. 9.
Press: *See*—
Cheese press. Ingot-trimming press.
Press and nailing machine, Combined cover. G. D. Parker. 1,576,218; Mar. 9.
Press guard. A. Jones. 1,575,843; Mar. 9.
Printed fabric. E. Schey. Des. 69,674; Mar. 9.
Printed sides of traveling webs, Applying antioffset material to the freshly-. H. M. Barber. 1,576,130; Mar. 9.
Printing colors in ink, Manufacture of. H. Cajar. 1,576,406; Mar. 9.
Printing machine, Rotary web undersurface. P. Aitchison. 1,576,293; Mar. 9.
Produce bin. G. W. Brooks. 1,575,812; Mar. 9.
Program-distribution systems, Volume control for. M. E. Strieby. 1,575,658; Mar. 9.

Protective apparatus. N. J. Conrad. 1,575,786; Mar. 9.
Piston shifter, Pump-. L. S. Walker. 1,576,383; Mar. 9.
Publications, Front page for serial. A. W. Knight. Des. 69,658; Mar. 9.
Puller: *See*—
Rim puller.
Puller. C. M. Wilkins. 1,576,389; Mar. 9.
Pulley, Clothesline. A. J. Whelan. 1,576,387; Mar. 9.
Pulling jack. R. A. Maxey. 1,576,204; Mar. 9.
Pulping machine for treating plants yielding fibrous matter. A. Hauser. 1,576,047; Mar. 9.
Pulverising machine. R. S. Riley. 1,576,472; Mar. 9.
Pump. H. Jackson. 1,575,767; Mar. 9.
Pump and the like, Rotary. W. H. Carrier. 1,575,970; Mar. 9.
Pump-controlling device and the like, Fluid-. C. F. Heywood. 1,575,760; Mar. 9.
Pump, Deep-well. W. A. Minor. 1,575,780; Mar. 9.
Pump structure. R. C. Davis and O. R. Mitchell. 1,575,977; Mar. 9.
Pump, Well. J. A. Zublin. 1,575,888; Mar. 9.
Pumping apparatus. V. B. Sounitza. 1,575,799; Mar. 9.
Quilting frame. E. E. Klee. 1,575,691; Mar. 9.
Rack: *See*—
Toilet rack.
Radiator. A. H. Hart. 1,575,915; Mar. 9.
Radiator casing, Thermostatically-operated. W. M. Fulton. 1,576,186; Mar. 9.
Radiator cover. E. D. Lewis. 1,575,632; Mar. 9.
Radiator for automobiles and other motor vehicles. A. Uhlyarik. 1,575,727; Mar. 9.
Radiator housing, Reheating. C. C. Shipp. 1,575,651; Mar. 9.
Radio loud speaker. O. Heineman. Des. 69,652–3; Mar. 9.
Radiophone broadcasting system. J. B. Hoge and E. E. Clement. 1,576,324; Mar. 9.
Rail bonds, Mold for attaching. E. J. Shuler. 1,576,230; Mar. 9.
Rail, Extension. H. P. Tompkins. Re16,289; Mar. 9
Rail joint. E. C. Welsh. 1,576,475; Mar. 9.
Rails, Holding chair for. F. Jennings. 1,576,192; Mar. 9.
Railway ballast, Apparatus for handling. H. G. Cooke. 1,576,093; Mar. 9.
Railway crossing. A. G. Farmer. 1,575,677; Mar. 9.
Railway gate. C. E. Rice. 1,576,469; Mar. 9.
Railway switches, Electric signal lamp for. C. J. Reigh. 1,576,467; Mar. 9.
Railway-track joints, Locking device for. E. Dozier. 1,576,314; Mar. 9.
Railway-traffic-controlling apparatus. R. A. McCann. 1,575,633; Mar. 9.
Railway-traffic-controlling apparatus. B. E. O'Hagan. 1,575,788; Mar. 9.
Railways and tramways, Rolling stock for. C. Barbey and R. E. Venables. 1,576,298; Mar. 9.
Range. C. H. Bartow. Des. 69,626; Mar. 9.
Rattle, Dual-sounding. I. E. Cohn. 1,576,231; Mar. 9
Razor, Safety. H. L. Perlish. Des. 69,670; Mar. 9.
Reamer. K. Beckheim. 1,575,613; Mar. 9.
Rectifying switch, High-tension. H. F. Waite. 1,576,382; Mar. 9.
Reel: *See*—
Fishing reel.
Reenforcement-applying mechanism. J. G. Swab. 1,576,009; Mar. 9.
Refrigerating apparatus. D. P. Heath. 1,576,188; Mar. 9.
Refrigerating apparatus, Sealing device for. A. S. and S. A. Limpert. 1,575,850; Mar. 9.
Refrigerating system. W. H. Carrier. 1,575,817; Mar. 9.
Refrigerating system. W. H. Carrier. 1,575,819; Mar. 9.
Refrigerating cabinet. H. D. Irwin. 1,576,328; Mar. 9.
Refrigerating system and method of refrigeration. W. H. Carrier. 1,575,818; Mar. 9.
Refrigerator. J. S. Pihlstrom. 1,576,358; Mar. 9.
Refrigerator doors, Lock device for. T. O. Schrader. 1,575,647; Mar. 9.
Register: *See*—
Autographic register. Automatic register.
Register, Multiprocess. J. T. Hurley. 1,575,835; Mar. 9
Registering meter, Excess-. O. Temperli. 1,576,158; Mar. 9.
Regulating system. R. Dietze. 1,576,100; Mar. 9.
Regulator: *See*—
Liquid-level regulator. Water regulator.
Temperature regulator.
Relay, Protective. C. I. Hall. 1,576,119; Mar. 9.
Relays, Contact support for. F. F. Dorsey. 1,575,903; Mar. 9.
Replenisher. B. P. Joyce. 1,575,845; Mar. 9.
Retouching machine. R. B. Shoemaker. 1,576,006; Mar. 9.
Riggers, Safety device for high. N. Nickson. 1,576,210; Mar. 9.
Rim. G. S. Greene and L. Weiher. 1,576,116; Mar. 9.
Rim and tire, Auxiliary. L. E. Williams. 1,575,956; Mar. 9.
Rim puller. C. P. Schmidt. 1,575,869; Mar. 9.
Ring: *See*—
Piston ring.
Rings, Setting for finger. W. Sturm. Des. 69,678; Mar. 9.
Road drag. D. D. Kinney. 1,575,630; Mar. 9.
Road spring, Auxiliary. C. A. Rasco. 1,576,067; Mar. 9.
Road light, Dirigible auxiliary. F. A. Payne. 1,576,247; Mar. 9.
Rock drill, Testing hammer. L. Pryce. 1,576,465; Mar. 9.
Rod bender. T. B. Hubbard. 1,575,764; Mar. 9.
Rod jig, Connecting-. L. E. Shaw. 1,575,797; Mar. 9.
Rolling mills, Roll-adjusting mechanism for. F. C. Biggert, jr. 1,576,266; Mar. 9.
Roof. G. P. Lehn. 1,576,482; Mar. 9.
Roof, Interlocking shingle. S. E. Carpenter. 1,576,090; Mar. 9.
Roofing fastener. J. and H. Fulenwider. 1,576,428; Mar. 9.
Rope clamp. H. Wurm. 1,575,886; Mar. 9.
Ropes or cables, Device for greasing hoisting. G. Timmerman. 1,576,159; Mar. 9.
Rotary engine. F. S. Rogers. 1,576,361; Mar. 9.
Rotary fluid-pressure motor. G. H. Gilman. 1,575,987; Mar. 9.
Rubber, Accelerator for the vulcanization of. C. S. Williams. 1,575,884; Mar. 9.
Rubber, Accelerator for the vulcanization of. P. M. Paulson. 1,575,865; Mar. 9.
Rubber and compound resulting therefrom, Vulcanizing. N. A. Shepherd and S. Krall. 1,576,072; Mar. 9.
Rubber goods, Mold for making. H. A. Freeman. 1,576,184; Mar. 9.
Rubber-lined acid drum or container. R. T. Griffiths. 1,575,681; Mar. 9.
Rubber strips, Process of and apparatus for making. H. F. Maranville and C. Steele. 1,575,700; Mar. 9.
Rubber-trimming device. J. W. Brundage. 1,575,616; Mar. 9.
Sack-handling machine. I. T. English. 1,576,318; Mar. 9.
Safety hook. D. C. Kuffel and W. H. Williams. 1,576,197; Mar. 9.
Saw, Power. C. H. Jull. 1,576,051; Mar. 9.
Saw set. F. W. Orth. 1,575,715; Mar. 9.
Sawing machine, Log-. L. B. Baumhover. 1,576,025; Mar. 9.
Screen. W. N. Cropper. 1,575,738; Mar. 9.
Screen, Determining and correcting the ruled plane of a halftone process. H. S. Levy. 1,575,996; Mar. 9.
Screen separator. J. F. Isbell. 1,576,430; Mar. 9.
Screening apparatus, Gravel-. C. Sandberg. 1,575,719; Mar. 9.
Screening device. R. D. Heller. 1,575,991; Mar. 9.
Screw and the like, Locking. A. S. Cubitt. 1,576,418; Mar. 9.
Seal and making the same. D. S. Gustin. 1,576,436; Mar. 9.
Seat: *See*—
Toilet seat.
Separator: *See*—
Screen separator.
Separator. G. L. Fogler. 1,576,108; Mar. 9.
Shaker for salt or other material. E. E. Slick. 1,576,151; Mar. 9.
Shaper, Portable. M. Sherman. 1,576,249; Mar. 9.
Sharpening device. J. Chantry. 1,576,091; Mar. 9.
Sheet-feeding device. H. V. Ashby. 1,575,892; Mar. 9.
Sheet-winding apparatus. S. Cooper. 1,575,900; Mar. 9.
Shingle and shingle construction. G. E. Conway. 1,575,974; Mar. 9.
Shingles, Securing element for composition. F. Van Deven. 1,575,662; Mar. 9.
Shock absorber. J. A. McCaskell. 1,575,777; Mar. 9.
Shock absorber. R. C. G. Staats-Oels. 1,576,152; Mar. 9.
Shock absorber, dashpot, and the like. W. R. Coleman. 1,575,973; Mar. 9.
Shock-absorbing mechanism, Friction. S. B. Haseltine. 1,575,757; Mar. 9.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,575,706; Mar. 9.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,575,708–9; Mar. 9.
Shock-absorbing mechanism, Friction. J. F. O'Connor. 1,575,711; Mar. 9.
Shoe part and the treatment of shoe parts. F. Ashworth. 1,575,610; Mar. 9.
Shotgun cartridge. W. J. Pavek. 1,575,716; Mar. 9.
Shovel-attaching device. W. L. Goodnight. 1,576,425; Mar. 9.
Shuttle-box-selecting mechanism for shuttle boxes with more than two compartments. W. Bosheck. 1,576,172; Mar. 9.
Sickle-bar-adjusting means. H. Beckwith. 1,576,264; Sign. R. A. Thompson. 1,575,661; Mar. 9.
Sign, Automobile license. C. F. Taylor. 1,576,157; Mar. 9.
Sign holder. S. Steinman. 1,576,154; Mar. 9.
Sign-painter's table. G. R. Cole. 1,575,897; Mar. 9.
Sign, Wind-operated. J. I. Moreland. 1,576,447; Mar. 9.
Signal: *See*—
Automobile signal. Traffic signal.
Crossing signal.
Signal-light casing, Automobile. E. Shutt. Des. 69,676; Mar. 9.
Signal transmitters, Starting attachment for. N. H. Suren. 1,575,947; Mar. 9.

Siphon, Cream. L. D. Pierce and E. W. Austen. 1,576,356; Mar. 9.
Sizing composition. H. Wood. 1,576,394; Mar. 9.
Slaughtering device. E. E. Higman. 1,575,832; Mar. 9.
Snowplow. J. Eady. 1,575,979; Mar. 9.
Sockets, Cover for electric. J. C. Carlson. 1,575,615; Sockets, Method of and apparatus for making implement. J. E. Bryers. 1,576,304; Mar. 9.
Sole trimming and polishing wheel. F. G. Hooke and J. J. Flynn. 1,575,763; Mar. 9.
Solutions, Apparatus for concentrating. M. O. Johnson. 1,576,136–7; Mar. 9.
Spading apparatus. A. C. Belle. 1,575,962; Mar. 9.
Spark plug. H. E. Corey. 1,576,176; Mar. 9.
Spark plug. S. Macpherson and J. C. Porter. 1,576,344; Mar. 9.
Speed control. G. P. Evans. 1,575,676; Mar. 9.
Speed-governor device. C. C. Farmer. 1,575,747; Mar. 9.
Spider, Tubing. W. H. McKissick. 1,575,998; Mar. 9.
Splice bar. G. Broshears. 1,576,467; Mar. 9.
Spoon holder. A. C. Cooke. 1,576,232; Mar. 9.
Spotlamp. C. A. Whitsett. 1,576,168; Mar. 9.
Spotlamp, Adjustable. E. G. K. Anderson. 1,575,890; Mar. 9.
Spout, Pouring. W. L. Whitesides. 1,576,388; Mar. 9.
Spray, Cooling. E. A. Baker. 1,575,895; Mar. 9.
Sprayer or duster, Air-blast. A. W. Walker. 1,576,076; Mar. 9.
Spraying device. G. A. Guthrie. 1,576,046; Mar. 9.
Spring: *See*—
Furniture spring. Road spring.
Spring housing. W. Sudekum. 1,576,370; Mar. 9.
Spring motor. W. D. La Rue. 1,575,695; Mar. 9.
Sprinkler: *See*—
Water sprinkler.
Stacker hood, Automatic. A. P. Determann. 1,576,239; Mar. 9.
Stalk-cutting machine. A. C. Bradshaw. 1,576,405; Mar. 9.
Stand: *See*—
Display stand.
Starch extractor. C. L. Braley. 1,575,964; Mar. 9.
Starting mechanism, Engine-. E. R. Huntley. 1,575,918; Mar. 9.
Steel retainer. W. Prellwitz. 1,575,792; Mar. 9.
Steel-wool buffer. W. H. Robbins. 1,576,223; Mar. 9.
Steering mechanism. E. H. Van Valkenberg. 1,575,802; Mar. 9.
Steering wheel. C. E. E. Laubach. 1,575,848; Mar. 9.
Stenciling device. J. J. Beusch. 1,576,468; Mar. 9.
Stepladder. J. E. Kaigren. 1,575,689; Mar. 9.
Still. G. H. Harshman. 1,575,919; Mar. 9.
Stitching machine, Sole-. N. D. and T. A. Sweet. 1,575,948; Mar. 9.
Stitching machines, Thread-looping mechanism for. I. J. Du Mais and F. E. Miner. 1,575,904; Mar. 9.
Stokers, Droppage-removing mechanism for. H. A. Poppenhusen and A. P. Strong. 1,575,866; Mar. 9.
Stove, Folding. J. Higham. 1,575,831; Mar. 9.
Stoves, Priming can for. C. W. Mummery. 1,576,207; Mar. 9.
Stripper mechanism. J. F. Davis. 1,575,822; Mar. 9
Stroboscopic apparatus. L. Czikan. 1,576,236; Mar. 9.
Substation, Automatic. V. E. Thelin. 1,575,876; Mar. 9.
Sugar in loaf or block form, Production of cereal. R. E. Daly. 1,575,975; Mar. 9.
Support. F. M. Phelps. 1,575,789; Mar. 9.
Surveying instrument for mapping solid bodies. G. D. Fish. 1,575,983; Mar. 9.
Swing. W. A. Hambidge. 1,575,829; Mar. 9.
Switch: *See*—
Circuit switch. Electric switch.
Circuit-changing switch. Rectifying switch.
Switch mechanism, Safety. C. B. Coates. 1,576,036; Mar. 9.
Table: *See*—
Game table. Sign-painter's table.
Table cover or analogous article. C. Bastow. Des. 69,627–32; Mar. 9.
Table cover or analogous article. J. F. Burroughs. Des. 69,635–8; Mar. 9.
Table cover or analogous article. M. W. Dorr. Des. 69,643; Mar. 9.
Table cover or analogous article. G. M. Fauser. Des. 69,645; Mar. 9.
Table-top attachment. S. J. Walaschek. 1,575,954; Mar. 9.
Tables, seats, shelves, and the like, Collapsible support for. E. M. Butt. 1,576,034; Mar. 9.
Tacks, Manufacture of drawing. G. Leighton. 1,576,055; Mar. 9.
Tag holder for vehicles. L. T. Thorn. 1,575,949; Mar. 9.
Tambourine. E. C. McElhany. 1,576,443; Mar. 9.
Tank-discharge device. R. Conrader. 1,575,623; Mar. 9.
Tanks, Controlling the admission of water to. W. H. Long. 1,575,851; Mar. 9.
Tanks, Valve for low-down flush. A. M. Behrer. 1,576,299; Mar. 9.
Telegraph key. R. B. Shanck. 1,575,650; Mar. 9.
Telegraph signaling system. J. Herman. 1,575,628; Mar. 9.
Telegraphy or telephony, Receiving antenna for wireless. C. H. Eiffert. 1,575,824; Mar. 9.
Telephone attachment. M. E. Bullwinkel. 1,576,305; Mar. 9.
Telephone installation. E. A. Driscoll. 1,575,743; Mar. 9.
Teller's cage. F. Pelikan. 1,576,355; Mar. 9.
Temperature regulator, Fluid-. C. D. Stewart. 1,575,725; Mar. 9.
Tent frame. G. H. Dial. 1,575,902; Mar. 9.
Tentering machine. C. H. Ramsey. 1,576,220; Mar. 9.
Testing machine. J. R. Nordstrom. 1,576,458; Mar. 9.
Textile fabric. S. M. Ho. Des. 69,654; Mar. 9.
Textile fabric. F. M. Kaufman. Des. 69,656–7; Mar. 9.
Textile fabric. W. C. Korzinek. Des. 69,659; Mar. 9.
Thermostat. E. A. Dinninger. 1,576,180; Mar. 9.
Thread clamp and cutter, Combined. T. A. Marshall. 1,575,779; Mar. 9.
Timer cover. R. J. Schoessow. 1,576,368; Mar. 9.
Tin plate, Manufacture of. G. M. Harris. 1,576,274; Mar. 9.
Tire bead cores, Apparatus for applying flipper strips to. H. F. Maranville. 1,575,925; Mar. 9.
Tire-carrier support. K. L. Herrmann. 1,575,685; Mar. 9.
Tire casings, Permanently marking. A. P. Swoboda. 1,576,156; Mar. 9.
Tire, Cord. W. R. B. Whittier. 1,575,955; Mar. 9.
Tire, Cushion vehicle. J. Findling. 1,575,749; Mar. 9.
Tire, Pneumatic. H. A. Brittain. 1,575,966; Mar. 9.
Tire structure, Cushion-. F. H. Meyer. 1,576,206; Mar. 9.
Tires, Demountable rim for cushion. W. F. J. Goersch. 1,575,910; Mar. 9.
Tires, Manufacturing cellular cushion. R. Barrantes, R. J. Bonstein, and M. A. Replogle. 1,576,024; Mar. 9.
Tires to narrow-base rims, Adapting wide-base cushion. W. E. Gillam. 1,576,044; Mar. 9.
Tobacco pipe, cigar, cigarette, or holder therefor. J. Perl. 1,575,787; Mar. 9.
Toilet articles, Holder for. W. H. Lester. Des. 69,661; Mar. 9.
Toilet rack. F. C. Hall. 1,575,913; Mar. 9.
Toilet-seat cushion. T. H. Ragland. 1,575,640; Mar. 9.
Toilet seat, Sanitary. U. R. Grant. 1,575,912; Mar. 9.
Tongs. A. Lenormand. 1,576,290; Mar. 9.
Tools, Way guard for machine. E. P. Burrell and J. J. N. Van Hamersveld. 1,575,735; Mar. 9.
Tourniquet. T. Yanagi. 1,576,397; Mar. 9.
Towel rail. H. D. Watson. 1,576,077; Mar. 9.
Toy, Gravity-operated. M. E. Tynes. 1,576,380; Mar. 9.
Toy, Inflatable figure. R. T. Griffiths. 1,575,682; Mar. 9.
Toy, Musical. W. Bartholomae. 1,575,961; Mar. 9.
Toy track. W. H. Schneider. 1,576,140; Mar. 9.
Toy trumpet. M. M. Dessau. 1,576,099; Mar. 9.
Toy vehicle, Child's. G. L. Burlingame. 1,575,618; Mar. 9.
Toy, Walking. A. Gund. 1,576,435; Mar. 9.
Traction hitch. V. H. Lambert. 1,575,773; Mar. 9.
Tractors, Clutch-pedal detent for. V. I. Pearson. 1,576,489; Mar. 9.
Traffic signal. E. Williams. 1,576,391; Mar. 9.
Train-speed-control device. C. C. Farmer. 1,575,748; Mar. 9.
Transformer. S. Horelick. 1,576,280; Mar. 9.
Transmission of angular motion, System for the. E. M. Hewlett and W. W. Willard. 1,576,189; Mar. 9.
Transmitter, Storing. E. R. Wheeler and R. F. Dirkes. 1,576,167; Mar. 9.
Transmitting angular motion, System for. L. H. Junken. 1,576,195; Mar. 9.
Transmitting copies, Apparatus for. G. L. Hogan. 1,576,049; Mar. 9.
Tray. A. A. Allemand. 1,576,294; Mar. 9.
Trolley harp. M. D. Stalder. 1,575,800; Mar. 9.
Trough, Stock-feeding. H. S. Law. 1,576,288; Mar. 9.
Truck, Dump. A. W. Spence. 1,575,943; Mar. 9.
Truck, Dumping. G. L. Stiefel. 1,575,801; Mar. 9.
Truck, Elevating. F. A. Moran. 1,575,781; Mar. 9.
Truck, Hand. J. J. Dolan. 1,576,313; Mar. 9.
Trunk construction. J. Ritter, jr. 1,575,867; Mar. 9.
Tub: *See*—
Laundry tub.
Tube-frame bracket. A. P. Paine. 1,575,785; Mar. 9.
Tubes, Apparatus for curing pneumatic. M. H. Pade. 1,576,061; Mar. 9.
Tubes in molds, Device for locating inner. M. A. Flynn. 1,576,107; Mar. 9.
Turbines, Automatic stop for. J. F. Johnson. 1,575,998; Mar. 9.
Typographical composing machines, Escapement-actuating mechanism of. T. Drake. 1,575,823; Mar. 9.
Universal joint. E. G. Burns. 1,576,089; Mar. 9.
Upholstery, Process and apparatus for stuffing. A. S. Mitchell. Re16,283; Mar. 9.
U-tube manometer. C. F. Bullock. 1,576,087; Mar. 9.
Vacuum, Creating and maintaining a. G. L. Kennedy. 1,575,770; Mar. 9.
Vacuum seal for vacuum cloth hydroextractors. G. W. Voelker. 1,576,163; Mar. 9.
Valve. J. J. Farrell. 1,576,486; Mar. 9.
Valve, Automatic. E. G. Kelley and C. Zirkle. 1,576,331; Mar. 9.
Valve device, Triple-. T. H. Thomas. 1,575,726; Mar. 9.
Valve, Dry-pipe. C. Adams, jr. 1,575,607; Mar. 9.

Valve, Fluid-regulating. E. Penberthy. 1,576,063; Mar. 9.
Valve, Flush. E. Kromer. 1,575,698; Mar. 9.
Valve, Rotary. E. M. Bournonville. 1,576,082; Mar. 9.
Valve, Three-way. J. A. King. 1,575,771; Mar. 9.
Vaporisers, Method of and apparatus for making fuel. J. Wroblewski. 1,575,670; Mar. 9.
Vase. W. H. Magee. Des. 69,662; Mar. 9.
Vase, Automobile flower. D. Weller. Des. 69,681; Mar. 9.
Vehicle brake. A. Y. Dodge and W. J. Andres. 1,576,479; Mar. 9.
Vehicle brake. C. Loether. 1,575,923; Mar. 9.
Vehicle bumper. J. A. Nomicos. 1,575,861; Mar. 9.
Vehicle, Child's. H. W. Dyer. Des. 69,644; Mar. 9.
Vehicle heater. H. I. Surls and J. T. Kennedy. 1,576,485; Mar. 9.
Vehicle, Motor. E. A. Hellstrand. 1,576,323; Mar. 9.
Vehicle propelling device. C. Dahl. Re16,291; Mar. 9.
Vehicle wheel. F. W. Baker. Re16,287; Mar. 9.
Vehicle wheel. C. F. Rubsam. 1,576,225–6; Mar. 9.
Vehicles and the like, Top for. F. K. Lewis. 1,576,199; Mar. 9.
Vehicles, City license and identification card holder for motor. L. T. Thorn. 1,575,950; Mar. 9.
Vehicles, Removable frame for motor or like. G. Baehr. 1,576,261; Mar. 9.
Vehicles, Self-starter for motor. P. Dufour. 1,576,315; Mar. 9.
Vehicles, Signal and spotlight for motor. H. R. Power. 1,576,219; Mar. 9.
Velocipede. J. E. Parr. 1,575,786; Mar. 9.
Vending machine and amusement device, Combination. W. D. Watling. 1,575,881; Mar. 9.
Vending mechanism, Coin-controlled. H. S. and F. C. Jewell. 1,575,841; Mar. 9.
Wall mold, Concrete-. A. Barstad. 1,575,959; Mar. 9.
Wall plaster board. R. J. Johnston. 1,575,842; Mar. 9.
Wardrobe, cupboard, and the like, Folding. C. A. Jones. 1,576,284; Mar. 9.
Warping apparatus. B. A. Peterson and P. W. Cummings. 1,575,933; Mar. 9.
Warping machine. A. Hasler and E. L. Probert. 1,575,758; Mar. 9.
Washbench. J. J. Brown. 1,576,303; Mar. 9.
Washboard. W. W. Hubbard. 1,575,765; Mar. 9.
Washboiler cover and drainage board. B. M. Schauman. 1,575,942; Mar. 9.
Washer-placing apparatus. J. W. Ayar, jr. 1,576,297; Mar. 9.
Water boiler, Steam and hot-. I. J. French. 1,576,185; Mar. 9.
Water-cooling system. C. Y. Knight. 1,575,692; Mar. 9.
Water fountain. G. Scheibing. 1,575,796; Mar. 9.
Water heater and economizer, Combined feed-. V. Z. Caracristi. 1,576,478; Mar. 9.
Water regulator, Feed-. H. A. Hurckes. 1,575,834; Mar. 9.
Water sprinkler. W. C. Todd and J. W. Pomeroy. 1,575,952; Mar. 9.
Water-tube boiler. A. Cotton. 1,576,310; Mar. 9.
Watering fountain, Stock-. E. A. Powell. 1,576,218; Mar. 9.
Waterproof protector. E. G. Barberis. 1,576,023; Mar. 9.
Weather strip. A. E. Decker. 1,576,416; Mar. 9.
Wedge adjuster, Equalizing. T. M. Price. 1,575,689; Mar. 9.
Wedge-shaped articles, Machine for forming. F. Ashworth. 1,575,611; Mar. 9.
Weighing apparatus, Semiautomatic. C. M. Sykes. 1,575,873; Mar. 9.
Weighing scales. J. M. Spinks. 1,576,375; Mar. 9.
Welding, Electric. H. A. Woofter. 1,576,169; Mar. 9.
Welding machine, Line-. H. W. Tobey. 1,576,100; Mar. 9.
Wells, Apparatus for sealing oil. W. T. Thomas. 1,576,074; Mar. 9.
Wells, Application of mud-laden fluids to oil or gas. B. K. Stroud. 1,575,944–5; Mar. 9.
Wheel: *See*—
Gear wheel. Vehicle wheel.
Steering wheel.
Wheel. L. K. Dalrymple. 1,575,739; Mar. 9.
Wheel. J. Guthrie. 1,576,117; Mar. 9.
Wheel construction. J. G. Swain. 1,576,073; Mar. 9.
Wheels, Spade lug for tractor. L. A. Turner. 1,576,379; Mar. 9.
Window attachment. R. E. Groves and O. B. Carnahen. 1,575,683; Mar. 9.
Window, Casement. J. Polachek, J. Jepsen, and E. Peremi. 1,576,461; Mar. 9.
Window construction. J. J. Bridler. 1,575,811; Mar. 9.
Window frame. A. Habeshan. 1,575,684; Mar. 9.
Window mounting. G. S. Benjamin. 1,576,081; Mar. 9.
Windshield cleaner. S. G. Van Derbeck. 1,576,381; Mar. 9.
Windshield control. J. R. King. 1,576,481; Mar. 9.
Windshield panel and weather sill. E. G. Simpson and A. Haberer. 1,576,150; Mar. 9.
Wire belts, Seam for woven-. H. Lindsay. Re16,290; Mar. 9.
Wire carrier program-distribution system. O. B. Blackwell. 1,575,672; Mar. 9.
Wire, Machine for winding or unwinding barbed. H. E. Larson. 1,576,054; Mar. 9.
Wire tightener and twister. P. Beghetti. 1,576,400; Mar. 9.
Wireless communication. W. S. Ferdon. 1,575,980; Mar. 9.
Wood, Preserving. H. Neubauer. 1,576,209; Mar. 9.
Woven goods, Manufacture of articles from. T. D. Ainslie. 1,576,292; Mar. 9.
Wrapping machine and wrapping articles. E. L. Smith and F. B. Fuller. 1,575,723; Mar. 9.
Wrench: *See*—
Chain pipe wrench. Pet-cock wrench.
Wrench. N. Salvucci. 1,576,365; Mar. 9.
Wrench. F. W. Trabold. 1,576,258; Mar. 9.
Wringing apparatus. S. C. Lawlor. 1,575,774; Mar. 9.
Wrist watch and other watch. J. Harwood. 1,576,120; Mar. 9.
Xylophone. W. Bartholomae. 1,575,960; Mar. 9.
Xylophone. W. Bartholomae. 1,576,263; Mar. 9.
Yeast for use on food products, Preparing. C. Hoffman and C. N. Frey. 1,575,762; Mar. 9.
Yeast, Manufacture of. C. T. Hoffman, N. M. Gregor and H. D. Grigsby. 1,575,761; Mar. 9.
Yoke. J. F. O'Connor. 1,575,707; Mar. 9.
Zirconium carbide. M. L. Hartmann. 1,576,275; Mar. 9.

CLASSIFICATION OF PATENTS

MARCH 9, 1926.

NOTE.—First number—class, second number—subclass, third number—patent number.

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194— 28: 1,575,881
58: 1,575,841
195— 20: 1,575,761
196— 12: 1,575,905
73: 1,576,401
127: 1,575,863
133: 1,575,919
198— 11: 1,576,042
103: 1,576,429
128: 1,576,366
178: 1,576,318
186: 1,575,655
207: 1,575,937
199— 20: 1,575,823
200— 2: 1,576,406
5: 1,576,036
19: 1,576,368
30: 1,576,222
45: 1,576,320
50: 1,576,143
59: 1,575,986
67: 1,575,837
80: 1,575,747
106: 1,576,228
122: 1,576,119
132: 1,576,165
150: 1,576,347
161: 1,576,238
203— 1: 1,576,427
204— 4: 1,575,627

204— 8: 1,575,918
64: 1,576,275
205— 46: 1,576,026
207— 4: 1,575,768
208— 32: 1,575,618
36: 1,575,796
38: R. 16,291
78: 1,576,133
91: 1,576,048
94: 1,576,216
209— 393: 1,576,430
210— 51: 1,576,108
63: 1,575,846
149: 1,575,991
170: 1,575,623
182: 1,575,907
199: 1,576,374
205: 1,576,440
211— 6: 1,575,812
8: 1,575,972
9: 1,576,010
16: 1,576,277
20: 1,575,988
24: 1,575,913
1,576,283
28: 1,576,144
1,576,420
34: 1,576,422
37: 1,575,696
212— 39: 1,575,687
213— 22: 1,575,711
31: 1,575,709
33: 1,575,706
36: 1,575,757
37: 1,575,708
68: 1,575,707
214— 1: 1,576,338
33: 1,576,132
37: 1,576,444
47: 1,576,360
54: 1,575,721
65. 4: 1,576,313
130: 1,576,027
216— 6: 1,576,403
217— 13: 1,575,906
219— 4: 1,576,160
10: 1,576,189
220— 63: 1,575,666
1,575,681
69: 1,576,319
221— 23: 1,576,388
47. 4: 1,575,976
98: 1,576,207
222— 17: 1,576,333
61: 1,576,015
68: 1,576,039
224— 29: 1,575,790
1,576,032
1,576,104
225— 4: 1,575,714
226— 43: R. 16,283
1,575,896
97: 1,576,064

226— 126: 1,576,214
129: R. 16,284
227— 8: 1,576,210
228— 58: 1,575,689
229— 15: 1,576,088
73: 1,575,769
230— 11: 1,575,970
13: 1,575,770
24: 1,575,760
235— 60: 1,575,254
61: 1,575,911
61. 5: 1,576,367
79: 1,575,835
83: 1,575,803
236— 38: 1,576,186
80: 1,575,725
100: 1,576,180
237— 1: 1,575,839
12. 3: 1,575,667
1,576,485
238— 8: 1,575,677
10: R. 16,289
1,576,192
181: 1,576,407
210: 1,576,475
262: 1,576,314
240— 4: 1,575,690
7. 1: 1,575,625
10. 5: 1,575,636
41: 1,576,035
48: 1,576,219
61: 1,575,722
1,575,890
1,576,168
62: 1,576,129
1,576,247
241— 5: 1,575,631
242— 43. 7: 1,576,198
55: 1,575,900
74: 1,575,758
84. 1: 1,575,619
92: 1,576,054
243— 1: 1,575,776
6: 1,576,312
244— 12: 1,576,012
14: 1,575,680
1,575,880
1,575,882
29: 1,575,802
1,576,342
245— 10: R. 16,290
246— 34: 1,575,633
1,575,783
251: 1,576,175
276: 1,576,467
293: 1,576,469
248— 2: 1,575,922
19: 1,576,227
30: 1,576,457
31: 1,576,307
37: 1,575,614
39: 1,575,789
250— 6: 1,576,324

250— 14: 1,576,162
16: 1,575,824
17: 1,575,980
34: 1,576,477
41: 1,576,096
251— 25: 1,576,486
123: 1,576,040
134: 1,576,255
144: 1,576,269
153: 1,576,063
252— 1: 1,575,967
1,576,454
3: 1,575,703
253— 38: 1,576,373
254— 10: 1,575,781
79: 1,576,290
1,576,390
100: 1,576,383
185: 1,575,798
1,575,914
255— 1: 1,575,945
71: 1,576,370
257— 43: 1,575,810
125: 1,575,727
129: 1,575,864
135: 1,575,651
136: 1,575,632
260— 23: 1,575,678
1,575,679
33: 1,576,014
95: 1,576,322
261— 18: 1,576,295
41: 1,575,830
1,575,877
1,576,257
62: 1,576,109
121: 1,576,296
262— 2: 1,576,093
34: 1,575,626
263— 7: 1,575,635
23: 1,576,033
28: 1,576,371
264— 14: 1,575,676
1,576,153
265— 58: 1,575,873
1,576,375
266— 43: 1,576,021
267— 8: 1,575,777
37: 1,576,134
46: 1,576,067
65: 1,576,152
268— 9: 1,576,398
270— 58: 1,575,891
59: 1,575,993
271— 26: 1,575,892
87: 1,576,243
272— 70. 1: 1,575,847
82: 1,576,474
273— 57: 1,576,145
120: 1,576,140
277— 13: 1,575,771
25: 1,576,057
279— 75: 1,575,878

280— 8: 1,576,426
33. 16: 1,575,773
41: 1,576,075
47: 1,576,325
58: 1,575,863
96. 1: 1,576,329
281— 11: 1,576,194
21: 1,575,978
284— 18: 1,575,755
285— 65: 1,576,115
286— 11: 1,575,850
24: 1,576,341
30: 1,576,376
287— 92: 1,575,730
290— 4: 1,575,961
38: 1,575,702
292— 140: 1,575,669
263: 1,575,641
315: 1,576,059
332: 1,575,647
342: 1,576,417
293— 41: 1,576,354
55: 1,575,685
1,575,861
1,576,043
1,576,085
1,576,483
1,576,484
294— 83: 1,576,050
1,576,197
119: 1,576,060
296— 28: 1,575,675
1,576,323
44: 1,575,854
45: 1,576,261
93: 1,576,150
94: 1,576,481
116: 1,576,199
298— 19: 1,575,801
1,576,336
38: 1,575,943
299— 70: 1,575,952
130: 1,575,895
140: 1,575,671
301— 13: 1,576,044
16: 1,575,739
24: 1,576,225
1,576,226
35: 1,576,116
39: 1,575,956
44: 1,576,379
64: R. 16,287
67: 1,576,073
1,576,117
302— 10: 1,576,239
303— 6: 1,575,740
21: 1,575,748
74: 1,575,726
1,575,820
305— 3: 1,576,395

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

"Ace" Badge Button and Medal Company. (See Harris, David B.)

Acme Brick Company, Forth Worth, Tex. Fire brick. 210,575; Mar. 16.

Acme Brick Company, Fort Worth, Tex. Brick. 210,641; Mar. 16.

Acme Cement Plaster Co., St. Louis, Mo., assignor to Certain-teed Products Corporation, New York, N. Y. Wall plaster, plaster of Paris, calcined plaster, and stucco. 53,674; renewed June 12, 1926.

Acme-Evans Company. (See Evans, Geo. T., & Son, assignor.)

Adams Bros. & Co., Chicago, Ill. Jar caps. 210,459; Mar. 16; Serial No. 208,944; published Dec. 1, 1925.

Aladdin Mfg. Company, Muncie, Ind. Radio receiving sets, loud speakers, aerial loops, and head phones. 210,492; Mar. 16; Serial No. 208,630; published Dec. 15, 1925.

Albemarle Paper Manufacturing Co., The, Richmond, Va. Wrapping paper. 210,429; Mar. 16; Serial No. 216,493; published Dec. 15, 1925.

Allcock Manufacturing Co., New York; Allcock Manufacturing Co., New York and Ossining, N. Y. Pills. 49,559; renewed Feb. 13, 1926.

Allcock Manufacturing Co., New York; Allcock Manufacturing Co., New York and Ossining, N. Y. Plasters. 53,159; renewed May 29, 1926.

Allcock Manufacturing Co., New York; Allcock Manufacturing Co., New York and Ossining, N. Y. Pills. 53,906; renewed June 12, 1926.

Allcock Manufacturing Co., New York; Allcock Manufacturing Co., New York and Ossining, N. Y. Porous plasters. 53,969; renewed June 19, 1926.

Allcock Manufacturing Co., New York; Allcock Manufacturing Co., New York and Ossining, N. Y. Pills. 54,093; renewed June 19, 1926.

Allcock Manufacturing Co., New York; Allcock Manufacturing Co., New York and Ossining, N. Y. Medicinal plasters. 54,302; renewed June 26, 1926.

Allcock Manufacturing Co., New York; Allcock Manufacturing Co., New York and Ossining, N. Y. Pills. 54,303; renewed June 26, 1926.

Altman, B., & Co., New York, N. Y. Ladies' hats. 210,408; Mar. 16; Serial No. 221,044; published Dec. 22, 1925.

Ambler, Eugene, Chicago, Ill. Coal and coke. 210,460; Mar. 16; Serial No. 208,888; published Dec. 22, 1925.

American Disinfecting Company, Sedalia, Mo. Dry-cleaning detergents. 210,592; Mar. 16; Serial No. 222,774; published Dec. 15, 1925.

American Glue Co., assignor, by mesne assignments, to Crystal Gelatine Company, Boston, Mass. Gelatin. 50,675; renewed Mar. 27, 1926.

American Glue Co., assignor to American Glue Company, Boston, Mass. Gelatin. 52,570; renewed May 15, 1926.

American Glue Co., assignor to American Glue Company, Boston, Mass. Glue. 52,801–2; renewed May 15, 1926.

American Glue Co., assignor to American Glue Company, Boston, Mass. Glue. 54,462; renewed June 26, 1926.

American Hard Rubber Co., New York; assignor to American Hard Rubber Co., Hempstead and New York, N. Y. Rubber combs. 51,383; renewed Apr. 17, 1926.

American Hard Rubber Co., New York; American Hard Rubber Co., Hempstead and New York, N. Y. Rubber combs. 51,412–13; renewed Apr. 17, 1926.

American Hard Rubber Co., New York; American Hard Rubber Co., Hempstead and New York, N. Y. Rubber combs. 51,696; renewed Apr. 24, 1926.

American Hard Rubber Co., New York; American Hard Rubber Co., Hempstead and New York, N. Y. Rubber combs. 51,720–1; renewed Apr. 24, 1926.

American Hard Rubber Co., New York; American Hard Rubber Co., Hempstead and New York, N. Y. Hard-rubber syringes. 51,860; renewed Apr. 24, 1926.

American Hard Rubber Co., New York; American Hard Rubber Co., Hempstead and New York, N. Y. Hard-rubber combs. 52,085–6; renewed May 1, 1926.

American Lace Leather Company, Inc., Richmond, Va. Lacing for leather belts. 210,642; Mar. 16.

American Sales Book Company, Limited, Toronto, Ontario, Canada, and Niagara Falls and Elmira, N. Y. Paper sheets, strips, rolls, pads, printed forms, etc. 210,442; Mar. 16; Serial No. 214,458; published Oct. 20, 1925.

American Sashweight Co., Inc., New York, N. Y. Sash weights. 210,574; Mar. 16; Serial No. 222,723; published Dec. 22, 1925.

American Steel and Wire Company of New Jersey, The, Cleveland, Ohio; Chicago, Ill.; Pittsburgh, Pa.; New York, N. Y.; and Worcester, Mass. Rail bonds. 210,423; Mar. 16; Serial No. 221,868; published Dec. 15, 1925.

American Wringer Company, The, New York, N. Y., assignor to American Wringer Company, Inc., Woonsocket, R. I. Clothes wringers and parts composing the same. 53,451; renewed June 5, 1926.

American Wringer Company, The, New York, N. Y., assignor to American Wringer Company, Inc., Woonsocket, R. I. Clothes wringers. 53,453–7; renewed June 5, 1926.

American Wringer Company, The, New York, N. Y., assignor to American Wringer Company, Inc., Woonsocket, R. I. Clothes wringers and parts thereof. 53,476; renewed June 5, 1926.

American Wringer Company, The, New York, N. Y., assignor to American Wringer Company, Inc., Woonsocket, R. I. Clothes wringers. 53,477; renewed June 5, 1926.

Amid Duron Company, New York, N. Y. Preparation for softening and strengthening leather. 210,596; Mar. 16; Serial No. 221,344; published Dec. 15, 1925.

Ansco Photoproducts, Inc., Binghamton, N. Y. Photographic prints and enlargements. 210,571; Mar. 16; Serial No. 218,683; published Dec. 15, 1925.

Apollinaris Company, Limited, The, London, England. Mineral water. 52,710; renewed May 15, 1926.

Araujo, Alvaro A., Brooklyn, N. Y. Specialty drink and sirup for making the same. 210,645; Mar. 16.

Arco Company, The, Cleveland, Ohio. Cement for pipe joints and analogous uses. 210,546; Mar. 16; Serial No. 212,470; published June 9, 1925.

Arlington Refrigerator Co., Inc., Arlington, Vt. Refrigerators. 210,629; Mar. 16.

Aron Elektrizitäts-Gesellschaft m. b. H., Charlottenburg, near Berlin, Germany. Complete radio receiving sets, crystal detectors, etc. 210,448; Mar. 16; Serial No. 212,462; published Dec. 8, 1925.

Associated Drafting Engineers. (See Job-Way Home Study, Incorporated.)

Atchley, William, Upland, Calif. Honey. 210,380; Mar. 16; Serial No. 222,810; published Dec. 29, 1925.

Atkins, E. C., & Company, Indianapolis, Ind. Handsaws. 210,586; Mar. 16; Serial N. 190,625; published Dec. 15, 1925.

Audio Service, Chicago, Ill. Prints and publications, particularly radioprograms. 210,444; Mar. 16; Serial No. 214,230; published July 21, 1925.

Badische Anilin und Soda Fabrik, Ludwigshafen, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Dyestuffs. 27,944–5; renewed Mar. 10, 1926.

Baines & Schmich Publishing Company, Brooklyn, N. Y. Weekly publication. 210,355; Mar. 16; Serial No. 221,086; published Dec. 15, 1925.

Bakelite Corporation, New York, N. Y. Paint enamels, lacquers, and varnishes. 210,522; Mar. 16; Serial No. 221,591; published Dec. 22, 1925.

Ball & Tweedy, Downey, Calif. Oranges, lemons, and grapefruit. 210,646; Mar. 16.

Banks Steel Post Company, Newark, N. J. Steel clothes posts. 210,369; Mar. 16; Serial No. 223,158; published Dec. 22, 1925.

Barbour, Perley E., doing business as Barbour Welting Company, Montello Station, Brockton, Mass. Welting for boots and shoes. 210,413; Mar. 16; Serial No. 220,837; published Dec. 15, 1925.

Bardell, J. C., doing business as Bardell Art Printing Co., San Francisco, Calif. Mailing container for post cards, pictures, and like articles. 210,620; Mar. 16; Serial No. 220,636; published Dec. 22, 1925.

Barna Company, Inc., New York, N. Y. Cakes. 210,464; Mar. 16; Serial No. 205,074; published Dec. 29, 1925.

Barrett, Denton & Lynn Company, Dalton, Ga. Wheat flour. 52,692–3; renewed May 15, 1926.

Bausch and Lomb Optical Company, Rochester, N. Y. Spectacle temples. 210,370; Mar. 16; Serial No. 223,075; published Dec. 22, 1925.

Beaver Soap Company, The, Dayton, Ohio. Toilet soap. 210,514; Mar. 16; Serial No. 222,158; published Dec. 15, 1925.

Bedell Company, The, New York, N. Y. Caps, undergarments, robes, petticoats, and knitted garments, etc. 210,465; Mar. 16; Serial No. 205,628; published Jan. 5, 1926.

Bell, C. S., Co., Hillsboro, Ohio. Mills for grinding. 53,514; renewed June 5, 1926.

Bernell, Solomon M., doing business as The Vacupometer Co., Chicago, Ill. Instruments for producing hyperemia. 210,426; Mar. 16; Serial No. 221,402; published Dec. 15, 1925.

Beveridge Paper Company, The, Indianapolis, Ind. Cardboard, calendar board, box board, postal board, railroad board, and bristol board. 210,523; Mar. 16; Serial No. 221,535; published Dec. 15, 1925.

Big Bill Bottling Company, Winston-Salem, assignor to Taylor-Long Company, Charlotte, N. C. Glass bottles. 210,340; Mar. 16; Serial No. 203,804; published Nov. 17, 1925.

Billstrom, Nels J., Rockford, Ill. Glue-clamp carriers. 210,419; Mar. 16; Serial No. 221,940; published Dec. 8, 1925.

Bingham Company, Incorporated, The, Philadelphia, Pa. Loose-leaf binders. 210,339; Mar. 16; Serial No. 203,933; published Dec. 29, 1925.

Bird, John, Company, Rockland, Me. Wheat flour. 28,399; renewed June 16, 1926.

Bischoff, Ernst, assignor to Ernst Bischoff Co. Inc., New York, N. Y. Remedy for the cure of rheumatism and gout. 53,066; renewed May 22, 1926.

Bissell Varnish Company, The. (See Crockett, David B., Company.)

Bitutect Inc., Los Angeles, Calif. Cold liquid asphalt, bituminous cements, roofing compositions, etc. 210,558; Mar. 16; Serial No. 218,465; published Dec. 15, 1925.

Black, V. E. Co., Providence, R. I. Lingerie clasps, beauty pins, vanity boxes, bracelets, etc. 210,418; Mar. 16; Serial No. 221,941; published Dec. 15, 1925.

Black & White Milling Company, East St. Louis, Ill. Stock feed. 210,613; Mar. 16; Serial No. 220,285; published Dec. 22, 1925.

Blake, C. G., Company, Inc., The, Cincinnati, Ohio. Coal. 210,477; Mar. 16; Serial No. 219,572; published Dec. 22, 1925.

Bluark Knitting Mills, Bay City, Mich. Sweaters. 210,637; Mar. 16.

Blue Beaver Coal Co. Inc., assignor to Blue Beaver Elkhorn Fuel Company, Inc., Detroit, Mich. Coal. 210,528; Mar. 16; Serial No. 188,358; published Dec. 29, 1925.

Blue Beaver Elkhorn Fuel Company. (See Blue Beaver Coal Co., Inc., assignor.)

Blue Bird Brassiere Company, New York, N. Y. Brassières. 210,526; Mar. 16; Serial No. 171,826; published Dec. 22, 1925.

Blumenthal, B., & Co., New York, N. Y. Buttons. 210,554; Mar. 16; Serial No. 217,918; published Dec. 22, 1925.

Boker, Carl F., assignor to H. Boker & Co., Inc., New York, N. Y. Anvils. 49,144; renewed Jan. 23, 1926.

Booth Packing Company, The, assignor to Gibbs & Company, Incorporated, Baltimore, Md. Canned fruits and vegetables. 54,410; renewed June 26, 1926.

Borden Company, The. (See St. Charles Condensing Co., assignor.)

Borden's Condensed Milk Co., Jersey City, N. J., and New York, assignor to The Borden Company, New York, N. Y. Condensed milk. 52,243; renewed May 1, 1926.

Boteny Worsted Mills, Passaic, N. J., and New York, N. Y.: Boteny Worsted Mills, Passaic, N. J. Woolen dress goods. 48,273; renewed Dec. 19, 1925.

Boyshform Brassiere Co., The, New York, N. Y. Brassières, corsets, and underwear. 210,570; Mar. 16; Serial No. 218,730; published Dec. 22, 1925.

Brandreth Company, The, Sing Sing, assignor to The Salva-Cea Company, Inc., Ossining and New York, N. Y. Certain proprietary preparation. 27,620; renewed Jan. 7, 1926.

Brown, E., & Son (Blacking and Boot Polish Manufacturers), Ltd., London, England. Preparations for cleaning, etc., leather and enameled goods. 210,469; Mar. 16; Serial No. 219,027; published Dec. 15, 1925.

Bruce Products Corporation, Detroit, Mich. Metal-cleaning compounds, buffs, polishing wheels, and emery wheels. 210,590; Mar. 16; Serial No. 222,219; published Dec. 15, 1925.

Bruno, C., & Son. (See Welda Ware Products Company, assignor.)

Brunswick-Balke-Collender Company, The, Chicago, Ill. Machines for reproducing sound electrically. 210,487; Mar. 16; Serial No. 220,108; published Dec. 15, 1925.

Burdwise, Aaron, Baltimore, Md. Accordions, pianos, zithers, mandolins, etc. 210,624; Mar. 16; Serial No. 218,114; published Dec. 29, 1925.

Burnett, Joseph, Company, Boston, Mass. Spices. 210,517; Mar. 16; Serial No. 222,032; published Dec. 29, 1925.

Burnett's Inc., Newark, N. J. Bird wash, tonic and louse powder for birds and poultry, diarrhea remedy for chicks. 210,628; Mar. 16.

Bushman, B. S. & S. M., Buffalo, N. Y. Candies. 210,409; Mar. 16; Serial No. 220,937; published Dec. 15, 1925.

C-It Products Corporation, Moline, Ill. Liquid glass cleaner. 210,618; Mar. 16; Serial No. 220,498; published Dec. 15, 1925.

C-V Equipment Corporation, Utica, N. Y. Gasoline-hose nozzles. 210,589; Mar. 16; Serial No. 222,222; published Dec. 22, 1925.

Caledonia Cellulose Company, Inc., New York, N. Y. Sanitary napkins. 210,364; Mar. 16; Serial No. 222,010; published Dec. 22, 1925.

California Canneries Co., San Francisco, Calif. Canned fruits. 52,770; renewed May 15, 1926.

California Canneries Co., San Francisco, Calif. Canned fruits. 54,402; renewed June 26, 1926.

California Card Manufacturing Co., San Francisco, Calif. Frames for pictures, photographs, and the like. 210,478; Mar. 16; Serial No. 219,576; published Dec. 29, 1925.

California Rock Salt Co., Los Angeles, Calif. Packaged table salt. 210,647; Mar. 16.

Capital City Dairy Co.: The Capital City Products Company, Columbus, Ohio, successor. Oleomargarine. 28,095; renewed Apr. 7, 1926.

Carbona Products Company. (See Marshall Chemical Company, assignor.)

Carew Manufacturing Company, South Hadley Falls, Mass. Writing papers. 28,428; renewed June 23, 1926.

Carter's Ink Company, The, Boston; The Carter's Ink Company, Cambridge, Mass. Carbon paper. 54,034; renewed June 19, 1926.

Carter's Ink Company, The, Boston, Mass., and New York, N. Y.; The Carter's Ink Company, Cambridge, Mass. Typewriter ribbons. 54,072; renewed June 19, 1926.

Carter's Ink Company, The, Boston, Mass., and New York, N. Y.; The Carter's Ink Company, Cambridge, Mass. Typewriter ribbons. 54,570; renewed June 26, 1926.

Cassèus, Auguste, Paris, France. Capsules taken internally for the treatment of obesity. 210,638; Mar. 16.

Cello Products Incorporated, New York, N. Y. Article of manufacture for use in building construction. 210,481; Mar. 16; Serial No. 219,803; published Dec. 15, 1926.

Central Scientific Company, Chicago, Ill. Vacuum pumps. 210,372; Mar. 16; Serial No. 223,461; published Dec. 29, 1925.

Certain-teed Products Corporation. (See Acme Cement Plaster Co., assignor.)

Chemical Foundation, Incorporated, The. (See Badische Anilin and Soda Fabrik, assignor.)

Chemical Foundation Incorporated, The. (See Knoll & Co., assignor.)

Chemical Foundation, Incorporated, The. (See Majert & Ebers, assignor.)

Chemical Foundation, Incorporated, The. (See Norddeutsche Kartoffelmehl-Fabrik mit beschränkter Haftung, assignor.)

Chemical Foundation, Incorporation, The. (See Schulz, F. A., and Philipp, assignors.)

Chemical Foundation, Incorporated, The. (See Ulmer Reisstarke-Fabrik Heinrich Mack, assignor.)

Chemical Treatment Company, Inc., New York, N. Y. Carburizing boxes, radiator shells, stove parts, etc. 210,492; Mar. 16; Serial No. 219,810; published Dec. 29, 1925.

Cheney Brothers, South Manchester, Conn. Printed and piece-dyed silks. 53,912; renewed June 12, 1926.

Chicago Mail Order Company, Chicago, Ill. Radio receiving sets, radio battery chargers, aerial equipment, loud speakers, etc. 210,422; Mar. 16; Serial No. 221,879; published Dec. 15, 1925.

Chicago Mail Order Company, Chicago, Ill. Women's shoes. 210,573; Mar. 16; Serial No. 222,662; published Dec. 22, 1925.

Chief Manufacturing Company, Indianapolis, Ind. Machines for scrubbing carpets, washing machines, etc. 210,490; Mar. 16; Serial No. 185,242; published Dec. 15, 1925.

Chittenden, Turner & Company, Inc., Boston, Mass. Ice-cream powder. 210,617; Mar. 16; Serial No. 220,497; published Dec. 22, 1925.

Clawson, Clement C., Flagtown, N. J. Ice-shaving machines. 210,359; Mar. 16; Serial No. 222,164; published Jan. 5, 1926.

Cluett, Peabody & Co., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Collars. 54,226; renewed June 26, 1926.

Cluett, Peabody & Co., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Collars. 54,232–3; renewed June 26, 1926.

Cluett, Peabody & Co., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Collars. 54,268; renewed June 26, 1926.

Cohen, Charles J., & Son, assignor to Charles J. Cohen Company, Philadelphia, Pa. Envelopes and paper. 52,979–81; renewed May 22, 1926.

Cokefair, Francis A., doing business as Curtenir Company, Seattle, Wash. Curtain holdbacks. 210,587; Mar. 16; Serial No. 222,307; published Dec. 29, 1925.

Collins Company, The, Collinsville, Conn. Axes, hatchets, adzes, kitchen knives, etc. 210,579; Mar. 16; Serial No. 222,441; published Jan. 5, 1926.

Colombo Commercial Company, Ltd., Colombo, Ceylon. Tea. 210,648–9; Mar. 16.

Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistols. 49,430; renewed Feb. 6, 1926.

Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistols. 50,125; renewed Mar. 6, 1926.

Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistols. 50,460; renewed Mar. 20, 1926.

Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistols. 50,594–5; renewed Mar. 27, 1926.

Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Pistols. 52,903–4; renewed May 22, 1926.

Columbia Phonograph Company, Inc., Bridgeport, Conn. Radio receiving, detecting, and transmitting sets and parts thereof. 210,354; Mar. 16; Serial No. 221,094; published Dec. 15, 1925.

Comstock, W. H., Company, Limited, Morristown, N. Y. Worm pellets. 47,965; renewed Nov. 28, 1925.

Comstock, W. H., Company, Limited, The, Morristown, N. Y. Purgative pills. 49,819; renewed Feb. 20, 1926.

Concrete Surface Corp., New York, N. Y. Material for treating concrete. 210,545; Mar. 16; Serial No. 198,175; published Aug. 12, 1924.

Consolidated Flour Mills of Canada. (See Katzin, Alexander B.)

Continental Roofing & Mfg. Co., The, Baltimore, Md. Shingle strips. 210,597; Mar. 16; Serial No. 221,351; published Dec. 15, 1925.

Continental Tire Corporation, Chicago, Ill. Radio receiving sets and parts thereof. 210,499; Mar. 16; Serial No. 218,166; published Dec. 15, 1925.

Controlite Manufacturing Co. (See Merrill, William C., Jr.)

Corder, J. C., Hinton, Okla. Ointment for piles, burns, scalds, etc. 210,653; Mar. 16.

Crescent Macaroni & Cracker Co., assignor to Crescent Macaroni & Cracker Co., Davenport, Iowa. Crackers, biscuits, and cakes. 54,545; renewed June 26, 1926.

Crockett, David B., Company, The; David B. Crockett Company, doing business as The Bissell Varnish Company, Bridgeport, Conn. Composition coating or varnishes. 28,886; renewed June 16, 1926.

Crompton & Knowles Loom Works, Worcester, Mass. Looms and loom accessories. 210,247; Mar. 16; Serial No. 221,805; published Jan. 5, 1926.

Crosley Radio Corporation, The, Cincinnati, Ohio. Radio receiving sets and parts thereof. 210,425; Mar. 16; Serial No. 221,479; published Dec. 15, 1925.

Crystal Gelatine Company. (See American Glue Co., assignor.)

Curtenir Company. (See Cokefair, Francis A.)

Curtis and Brown Manufacturing Company (Limited), New York, N. Y.; Curtis and Brown Manufacturing Company (Limited), Boston, Mass. Remedy for internal or external use. 48,680; renewed Jan. 9, 1926.

Curtis and Brown Manufacturing Company (Limited), New York, N. Y.; Curtis and Brown Manufacturing Company (Limited), Boston, Mass. Tooth powder. 48,751; renewed Jan. 9, 1926.

Curtis and Brown Manufacturing Company (Limited), New York, N. Y.; Curtis and Brown Manufacturing Company (Limited), Boston, Mass. Worm medicine. 48,918; renewed Jan. 16, 1926.

D'Andrea Brothers, Inc., New York, N. Y. Men's suits, overcoats, shirts, sweaters, etc. 210,631; Mar. 16.

Darlington Guano Company. (See Southern Fertiliser & Chemical Company.)

Dayton, A. H., and G. T. Wigmore, administrators of James O. May, deceased, assignors to Donovan & Roberts, Naugatuck, Conn. Emulsified preparations, cough mixtures, and lotions. 53,913; renewed June 12, 1926. 1926.

De La Rue, Thomas & Company, Limited, London, England. Certain named pens. 54,838; renewed July 31, 1926.

Del Monte Properties Company, San Francisco, Calif. White sand, golf-tee sand, and playground sand. 210,612; Mar. 16; Serial No. 220,275; published Dec. 15, 1925.

Dental Laboratory Products Company. (See Gearhart, Clyde M., assignor.)

Detroit Rubber Products, Inc., Detroit, Mich. Glass run channels. 210,589; Mar. 16; Serial No. 220,707; published Dec. 22, 1925.

Diamond Mills Paper Co., New York, N. Y. Tissue paper. 210,602; Mar. 16; Serial No. 221,589; published Dec. 15, 1925.

Dickey, W. J., & Sons, Incorporated, Baltimore; W. J. Dickey & Sons Incorporated, Oella, Md. Kerseys and cassimeres. 51,912; renewed Apr. 24, 1926.

Dickey, W. J., & Sons, Incorporated, Baltimore; W. J. Dickey & Sons, Incorporated, Oella, Md. Kerseys and cassimeres. 53,106; renewed May 29, 1926.

Dictograph Products Corporation, New York, N. Y. Telephonic device for aiding defective hearing. 210,343; Mar. 16; Serial No. 202,934; published Dec. 22, 1925.

Dietzen, Jesse A., Frankton, Ind. Bread. 210,633; Mar. 16.

Dill & Collins Co., Philadelphia, Pa. Printing paper. 52,295; renewed May 8, 1926.

Dill & Collins Co., Philadelphia, Pa. Printing and writing paper. 54,135; renewed June 19, 1926.

Dime Automatic Co., doing business as Dime Service Co., Chicago, Ill. Automatic vending machines. 210,379; Mar. 16; Serial No. 222,830; published Dec. 29, 1925.

Dodd, Dorothy, Shoe Company, Montclair, N. J., and Boston; Dorothy Dodd Shoe Company, Boston, Mass. Women's, misses', and children's shoes. 51,830; renewed Apr. 24, 1926.

Donelson, Lewis B., jr., Memphis, Tenn. Pancake flour. 210,576; Mar. 16; Serial No. 222,600; published Dec. 22, 1925.

Donovan & Roberts. (See Dayton, A. H., and Wigmore, administrators of May, James O., deceased, assignors.)

Dort, Elizabeth, Buffalo, N. Y. Salves, liniments, and porous strengthening plasters. 54,304; renewed June 26, 1926.

Downer Hawes and Company, Incorporated, assignor to La Resista Corset Company, Bridgeport, Conn. Corsets. 52,034; renewed May 1, 1926.

Doyle, Margaret V., executrix. (See Voorhees, Dr. C. A., Estate.)

Dudley, Wilton R., Chicago, Ill. Audio-frequency transformers. 210,462; Mar. 16; Serial No. 206,726; published Dec. 29, 1925.

Duff, P., & Sons; P. Duff & Sons, Inc., Pittsburgh, Pa., successor. Molasses. 47,949; renewed Nov. 28, 1925.

Duff, P., & Sons; P. Duff & Sons, Inc., Pittsburgh, Pa., successor. Molasses. 48,051; renewed Dec. 5, 1925.

Duff, P., & Sons; P. Duff & Sons, Inc., Pittsburgh, Pa., successor. Molasses. 48,073; renewed Dec. 5, 1925.

Durkee, E. R., & Co., New York; E. R. Durkee & Co., Elmhurst, New York, N. Y. Baking powder, cream of tartar, and baking soda. 48,921; renewed Jan. 16, 1926.

Durkee, E. R., & Co., New York; E. R. Durkee & Co., Elmhurst, New York, N. Y. Seeds and prepared mixtures of seeds as food for birds and fowls. 48,985; renewed Jan. 16, 1926.

Durkee, E. R., & Co., New York; E. R. Durkee & Co., Elmhurst, New York, N. Y. Spices and mustard. 48,986; renewed Jan. 16, 1926.

Durkee, E. R., & Co., New York; E. R. Durkee & Co., Elmhurst, New York, N. Y. Spices. 50,225; renewed Mar. 6, 1926.

Durkee, E. R., & Co., New York; E. R. Durkee & Co., Elmhurst, New York, N. Y. Baking powder, cream of tartar, saleratus, and bicarbonate of soda. 53,202; renewed May 29, 1926.

Durkee, E. R., & Co., New York; E. R. Durkee & Co., Elmhurst, New York, N. Y. Spices and mustard. 53,244; renewed May 29, 1926.

Duro Pump and Manufacturing Company, The, Dayton, Ohio. Electric motors, solenoids, and switches, circuit breakers, etc. 210,392; Mar. 16; Serial No. 220,507; published Dec. 29, 1925.

Dutchess Manufacturing Co.; Dutchess Manufacturing Company, Poughkeepsie, N. Y. Trousers. 48,027; renewed Dec. 5, 1925.

E-Z Waist Company. (See Fitzpatrick, Thomas B., assignor.)

Eagle Pencil Company, assignor to Eagle Pencil Company, New York, N. Y. Lead pencils. 51,020; renewed Apr. 3, 1926.

Eagle Pencil Company, assignor to Eagle Pencil Company, New York, N. Y. Lead pencils. 51,070; renewed Apr. 3, 1926.

Eagle Pencil Company, assignor to Eagle Pencil Company, New York, N. Y. Metallic tips for lead pencils. 52,807; renewed May 15, 1926.

Eagle Wagon Works, The, Auburn, N. Y. Wagons. 54,743; renewed June 26, 1926.

Easterbrook Coal Company, The, Cleveland, Ohio. Coal. 210,384; Mar. 16; Serial No. 222,603; published Dec. 29, 1925.

Eclipse Machine Co., Elmira Heights; Eclipse Machine Company, Elmira, N. Y. Back-pedaling coaster brakes and parts thereof. 54,705; renewed June 26, 1926.

Egerton Brothers, Baltimore, Md. Table and cooking sirups. 210,358; Mar. 16; Serial No. 222,170; published Dec. 22, 1925.

Electric City Mattress Works, Inc., Schenectady, N. Y. Mattresses. 210,567; Mar. 16; Serial No. 214,591; published Sept. 8, 1925.

Electrical Research Laboratories, Inc., Chicago, Ill. Untuned radiofrequency transformers, radio receiving sets, radio aerial equipment, loud speakers, etc. 210,424; Mar. 16; Serial No. 221,811; published Dec. 15, 1925.

Elevator Supplies Co., Inc., Hoboken, N. J. Annunciators. 210,391; Mar. 16; Serial No. 220,648; published Dec. 29, 1925.

Ellison, John B., & Sons, Philadelphia, Pa. Fabrics made from wool, worsted, cotton, or mixtures thereof. 210,635; Mar. 16.

Erhard & Söhne A. G., Gmund, Germany. Boxes, card trays, watch stands, etc. 210,500; Mar. 16; Serial No. 218,614; published Nov. 17, 1925.

Erhard & Söhne A. G., Gmund, Germany. Cigarette and cigar boxes, ash trays, pipe racks, etc. 210,563; Mar. 16; Serial No. 218,615; published Nov. 17, 1925.

Evans, Geo. T., & Son, assignor to Acme-Evans Company, Indianapolis, Ind. Wheat flour. 52,774; renewed May 15, 1926.

Evans, Geo. T., & Son, assignor to Acme-Evans Company, Indianapolis, Ind. Wheat flour. 53,169; renewed May 29, 1926.

Faessler, J., Mfg. Co., The, Moberly, Mo. Boiler-tube flangers, expanders, cutters, etc. 210,445; Mar. 16; Serial No. 214,147; published Jan. 5, 1926.

Faessler, J., Mfg. Co., The, Moberly, Mo. Flue expanders for steam boilers. 210,446; Mar. 16; Serial No. 214,145; published Jan. 5, 1926.

Fairchild Bros. & Foster, New York, N. Y. Certain named medicines. 50,967; renewed Apr. 3, 1926.

Fairchild Bros. & Foster, New York, N. Y. Preparation of hydrochloric acid in combination with proteid. 50,968; renewed Apr. 3, 1926.

Falter, Richard, doing business as Richard Falter Company, New York, N. Y. Waterproofed crib sheets. 210,401; Mar. 16; Serial No. 221,003; published Dec. 22, 1925.

Famous Features Syndicate, Inc., New York, N. Y. Newspaper feature articles. 210,508; Mar. 16; Serial No. 222,373; published Dec. 29, 1925.

Fibroc Insulation Company, Valparaiso, Ind. Composite material consisting of fibrous material and a condensation-product binder. 210,625; Mar. 16; Serial No. 213,291; published Dec. 29, 1925.

Fischer, J. A., Company, Philadelphia, Pa. Talking machines, talking-machine repair or replacement parts. 210,494; Mar. 16; Serial No. 212,602; published Dec. 15, 1925.

Fisher, Dudley T., jr., Columbus, Ohio. Series of cartoons. 210,346; Mar. 6; Serial No. 221,207; published Dec. 15, 1925.

Fisk Rubber Company, The, Chicopee Falls, Mass., and Cudahy, Wis. Vehicle tires. 210,452; Mar. 16; Serial No. 210,897; published Jan. 5, 1926.

Fitzpatrick, Thomas B., Boston, Mass., assignor to E-Z Waist Company, New York, N. Y. Underwaists for women and children. 54,234; renewed June 26, 1926.

Fletcher, Robert, & Son Limited, Stoneclough, near Manchester, England. Tissue paper, bank-note paper, typewriter paper, etc. 210,453; Mar. 16; Serial No. 210,723; published Dec. 15, 1925.

Fletcher Works, Incorporated, Philadelphia, Pa. Ice picks. 210,366; Mar. 16; Serial No. 223,290; published Dec. 29, 1925.

Flint-Rock Stucco Company, The, Ingomar, and Dayton, Ohio. Base to which stucco and plaster is to be applied. 210,552; Mar. 16; Serial No. 217,080; published Oct. 20, 1925.

Fort Smith Body Company, Inc., Fort Smith, Ark. Commercial, freight, and passenger vehicle bodies. 210,654; Mar. 16.

Fownes Brothers & Co., London, England, and New York, assignor to Fownes Brothers & Co. Inc., Gloversville, Amsterdam, and New York, N. Y. Gloves. 49,094; renewed Jan. 23, 1926.

Fox, Ann, Corporation, assignor to Loft, Incorporated, New York, N. Y. Candy. 210,663; Mar. 16.

Frank Held Tractor Co., The, Columbus, Ohio. Power lawn mowers. 210,368; Mar. 16; Serial No. 223,232; published Dec. 29, 1925.

Friedman, Hugo, doing business as The Hugo Friedman Mfg. Co., Chicago, Ill. Extracting forceps. 210,377; Mar. 16; Serial No. 223,031; published Dec. 22, 1925.

Friedr. Herder Abr. Sohn, Solingen, Germany. Table knives and carvers, fruit, butter, and fish knives, etc. 210,338; Mar. 16; Serial No. 204,448; published Jan. 5, 1926.

Frye, George C.; George C. Frye Company, Portland, Me., successor. Remedy for dyspepsia. 46,919; renewed Oct 17, 1925.

Fund, Carl T., doing business as Fund's, Chicago, Ill. Candy. 210,466; Mar. 16; Serial No. 205,329; published Dec. 22, 1925.

Genrhart, Clyde M., doing business as Dental Laboratory Products Company, assignor to Dental Laboratory Products Company, Washington, D. C. Dental preparation for massaging and stimulating the gums. 210,652; Mar. 16.

Gedney, Stanley L., doing business as Ged Mfg. Co., New York, N. Y. Collar clips, tie holders, and garter clasps. 210,495; Mar. 16; Serial No. 220,452; published Dec. 29, 1925.

General Electric Company, Schenectady, N. Y. Nonmetallic gear wheels and gear-wheel blanks. 210,535; Mar. 16; Serial No. 191,766; published Jan. 5, 1926.

Gerstendorfer Bros., assignor to Sapolin Co. Inc., New York, N. Y. Certain named painters' supplies. 52,847; renewed May 22, 1926.

Ghoan Ghosn, doing business as G. Ghosn Canning Co., Mossyrock, Ajlune, and Salkum, Wash. Canned fruits. 210,495; Mar. 16; Serial No. 215,006; published Dec. 1, 1925.

Gibbs & Company. (See Booth Packing Company, assignor.)

Gilbert, Walter B., doing business as Walter B. Gilbert & Co., York, Pa. Window ventilators and roof ventilators. 210,580; Mar. 16; Serial No. 222,504; published Dec. 29, 1925.

Gilleaudeau, Joseph R., New York, N. Y., assignor to Short-Gilleaudeau Co., Inc., Danbury, Conn. Hats. 51,584; renewed Apr. 17, 1926.

Gillmore, Verne, doing business as St. Paul Physico-Clinical Laboratory, St. Paul, Minn. Devices for testing apparatus for treatment by electronic reactions. 210,531; Mar. 16; Serial No. 188,203; published Dec. 29, 1925.

Glendale Engineering Co., Glendale, Calif. Automobile and truck brakes. 210,655; Mar. 16.

Goessling and Ferre, Inc., New York, N. Y. Fabric gloves. 210,588; Mar. 16; Serial No. 222,235; published Dec. 22, 1925.

Goldman-O'Brien, Nassauer Mfg. Co., St. Louis, Mo. Ladies' and misses' hats. 210,458; Mar. 16; Serial No. 208,977; published Dec. 22, 1925.

Goodman, A., & Sons, Inc., New York, N. Y. Matzoths, matsoth meal, matsoth ferfel, and alimentary paste products. 210,336; Mar. 16; Serial No. 204,505; published Dec. 22, 1925.

Goodrich, A., Manufacturer, Inc., Chicago, Ill. Oilstones, sharpening stones, and abrasive stones. 210,505; Mar. 16; Serial No. 219,533; published Nov. 3, 1925.

Goodrich, B. F., Company, The, New York, N. Y. Rubber vehicle tires. 210,383; Mar. 16; Serial No. 222,678; published Dec. 29, 1925.

Goodrich, B. F., Company, The, New York, N. Y. Rubber-covered hose. 210,614; Mar. 16; Serial No. 220,289; published Jan. 5, 1926.

Goodrich, B. F., Company, The, New York, N. Y. Rubber-covered hose. 210,645; Mar. 16; Serial No. 220,408; published Jan. 5, 1926.

Great Lakes Varnish Works, Inc, Chicago, Ill. Varnishes. 210,484; Mar. 16; Serial No. 219,961; published Nov. 3, 1925.

Gregg, Fred W., doing business as Reoid Co., Los Angeles, Calif. Reconstructive tonic to the nerve and brain cells and genito-urinary organs, impotence, etc. 210,634; Mar. 16.

Griffin Manufacturing Co., Inc., New York, N. Y. Cleaning fluid. 210,447; Mar. 16; Serial No. 205,118; published Oct. 20, 1925.

Grunewald, H. A., and L. P. Keller, Chicago, Ill. Brassières, girdle and brassière combinations, girdles, and corsets. 210,513; Mar. 16; Serial No. 222,180; published Dec. 22, 1925.

Guiterman Bros., Inc., St. Paul, Minn. Leather blouses, shirts, coats, drawers, breeches, and vests. 210,447; Mar. 16; Serial No. 188,304; published Jan 13, 1925.

Hakon Products Company, Nashville, Tenn. Concrete stepping stones, hollow concrete blocks, and interior partition blocks. 210,353; Mar. 16; Serial No. 221,115; published Dec. 29, 1925.

Haley, C. J., & Co. (See Higley, Christina J., assignor.)

Hall, J. C., Company, The, Providence, R. I. Checks, letterheads, check books, etc. 210,472; Mar. 16; Serial No. 219,181; published Dec. 29, 1925.

Hamiltou, Lynford, doing business as Hamilton Construction Company, Philadelphia, Pa. Fire bricks and fire-brick linings. 210,644; Mar. 16.

Hanley, James, Brewing Co.; The James Hanley Company, Providence, R. I., successor. Ale. 52,036; renewed May 1, 1926.

Harr, Charles H., doing business as Wichita Falls Pattern Works, Wichita Falls, Tex. Wooden ice bowls. 210,668; Mar. 16.

Harris & Capelle, New York, N. Y. Ladies' and misses' hats. 210,434; Mar. 16; Serial No. 216,044; published Dec. 22, 1925.

Harris, David B., doing business as "Ace" Badge, Button and Medal Company, New York, N. Y. Banners, flags, pennants, emblem-buttons, etc. 210,621; Mar. 16; Serial No. 220,655; published Dec. 29, 1925.

Hart Manufacturing Company, The, assignor to The Hart Manufacturing Company, Hartford, Conn. Electrical appliances. 49,100; renewed Jan. 23, 1926.

Hart Manufacturing Company, The, assignor to The Hart Manufacturing Company, Hartford, Conn. Certain named electrical appliances. 52,848; renewed May 22, 1926.

Hayden, Sarah H. E., Bedford Springs, assignor to Arthur H. Hayden, trustee, Bedford, Mass. Remedy for certain named diseases. 54,619; renewed June 26, 1926.

Hayter, John P., Decatur, Tex.; John P. Hayter, Waco, Tex., successor. Eye salve. 28,280; renewed May 19, 1926.

Hearn, John E., New York, N. Y. Prepared food consisting principally of nuts 210,518; Mar. 16; Serial No. 222,028; published Dec. 22, 1925.

Heller, L., & Son, Inc., New York, N. Y. Strings of pearls and reproductions of pearls or imitations thereof. 210,539; Mar. 16; Serial No. 200,494; published Dec. 8, 1925.

Helmet Company, The, Cincinnati, Ohio. Confections. 210,659; Mar. 16.

Henningsen Creamery Co., Tacoma, Wash. Butter. 210,485; Mar 16; Serial No. 219,966; published Dec. 22, 1925.

Herbert-John Corporation, New York, N. Y. Radio loud speakers and receiving sets and/or parts for the same, etc. 210,416; Mar. 16; Serial No. 220,887; published Dec. 8, 1925.

Hersey Manufacturing Company, assignor to Hersey Manufacturing Company, Boston, Mass. Fluid meters. 54,749; renewed June 26, 1926.

Hess-Bright Manufacturing Co., The, assignor to The Hess-Bright Manufacturing Company, Philadelphia, Pa. Ball bearings. 53,631; renewed June 5, 1926.

Hezel Milling Company, East St. Louis, Ill. Wheat flour. 48,992; renewed Jan 16, 1926.

Hezel Milling Company, East St. Louis, Ill. Wheat flour. 49,276; renewed Jan. 30, 1926.

Hidden, J. C., Mfg. Co. (See Stafford, Mildred L.)

Higley, Christina J., assignor C. J. Haley & Co., Inc., New York, N. Y. Hose supporters. 49,858; renewed Feb. 20, 1926.

Higley, Christina J., assignor to C. J. Haley & Co., Inc., New York, N. Y. Garters. 50,787; renewed Mar. 27, 1926.

Hills Bros.; Hills Bros., San Francisco, Calif., successor. Coffee. 51,468; renewed Apr. 17, 1926.

Himyar Coal Company, Lexington, Ky. Coal. 210,605; Mar. 16; Serial No. 221,609; published Dec. 15, 1925.

Hinds, Aurelius S., assignor to A. S. Hinds Co., Portland, Me. Liquid lotion or emulsion for the skin. 54,660; renewed June 26, 1926.

Hohner, M., Inc., New York, N. Y. Mouth harmonicas. 210,506; Mar. 16; Serial No. 219,745; published Dec. 8, 1925.

Holden-Leonard Co., New York, N. Y. Worsted and woolen textile fabrics. 210,373; Mar. 16; Serial No. 223,237; published Dec. 29, 1925.

Hollingsworth, Robert, Lincoln, Nebr. Account books. 54,628; renewed July 31, 1926.

Hollingworth & Whitney Company, Boston, Mass. Wrapping paper, paper bags, and sacks. 50,651; renewed Mar. 27, 1926.

Homan Manufacturing Company, The, Cincinnati, Ohio. Silver-plated bottle-shaped cocktail shakers and beverage mixers. 210,428; Mar. 16; Serial No. 215,093; published Dec. 29, 1925.

Homophon-Company Gesellschaft mit beschränkter Haftung, Berlin, Germany. Talking machines and records. 210,555; Mar. 16; Serial No. 218,061; published Dec. 8, 1925.

Household Necessity Company, San Francisco, Calif. Washing compound. 210,537; Mar. 16; Serial No. 189,937; published Dec. 15, 1925.

Howell, Charles E., New York, N. Y. Cartoons in perforated sheet form. 210,607; Mar. 16; Serial No. 221,703; published Dec. 15, 1925.

Hubbell, Harvey, Incorporated, Bridgeport, Conn. Electric signal lamps, lamp-carrying electric caps, and electric-lamp call systems. 210,544; Mar. 16; Serial No. 198,238; published Dec. 29, 1925.

Hug Company, The, Highland, Ill. Motor trucks. 210,622; Mar. 16; Serial No. 220,718; published Dec. 15, 1925.

Hyde Manufacturing Company, Southbridge, Mass. Table knives, forks, and spoons, knife blades, cutting knives, etc. 210,559; Mar. 16; Serial No. 218,490; published Jan. 5, 1926.

Hyland, Richard C., doing business as Hyland Bag Company, San Francisco, Calif. Twine. 210,386; Mar. 16; Serial No. 220,781; published Dec. 15, 1925.

Hyland, Richard C., doing business as Hyland Bag Company, San Francisco, Calif. Twine. 210,387; Mar. 16; Serial No. 220,778; published Dec. 15, 1925.

Ideal Manufacturing Company, Tilton, N. H. Wrappers and tea gowns. 27,845; renewed Feb. 25, 1926.

Ideal Radiotelefon- & Apparate-Fabrik G. m. b. H. (Verkaufsburo), Berlin, Germany. Head phones, earpieces, detectors, etc. 210,468; Mar. 16; Serial No. 216,725; published Dec. 29, 1925.

Indian Head Mills of Alabama, Cordova, Ala. Cotton piece goods. 54,169; renewed June 19, 1926.

Industrial Apparatus and Instrument Co. (See Kaulke, Johannes.)

Institut Pasteur. (See Yron, Paul, assignor.)

Insulite Co., The, International Falls and Minneapolis, Minn. Plaster base, wall boards, and sheathing. 210,344; Mar. 16; Serial No. 201,086; published Dec. 15, 1925.

International Company, The, Baltimore, Md. White icing powder. 210,376; Mar. 16; Serial No. 223,035; published Dec. 29, 1925.

International Silver Company, Meriden, Conn. Silver-plated hollow ware. 51,078-9; renewed Apr. 3, 1926.

International Silver Company, Meriden, Conn. Silver-plated hollow ware. 51,188; renewed Apr. 10, 1926.

International Silver Company, Meriden, Conn. Silver-plated hollow ware. 52,757; renewed May 15, 1926.

Irons & Russell, assignor to Irons & Russell Company, Providence, R. I. Gold-plated badges. 49,860; renewed Feb. 20, 1926.

Irons & Russell, assignor to Irons & Russell Company, Providence, R. I. Solid-gold badges. 50,328; renewed Mar. 13, 1926.

Jaite Company, The, Jaite, Ohio. Bags for cement and other material. 210,365; Mar. 16; Serial No. 222,984; published Jan. 5, 1926.

Jay, Walter L. (See Wi-da-me Company.)

Jeitteles, Daniel, Esslingen, Esslingen, Germany. Leather gloves. 210,363; Mar. 16; Serial No. 222,122; published Dec. 22, 1925.

Job-Way Home Study, Incorporated, doing business as Associated Drafting Engineers, Chicago, Ill. Lessons, instruction sheets, etc., used in connection with a correspondence course. 210,457; Mar. 16; Serial No. 209,920; published Dec. 15, 1925.

Johns-Manville Incorporated, New York, N. Y. Sectional pipe covering. 210,529; Mar. 16; Serial No. 167,046; published Dec. 22, 1925.

Johnson & Johnson, New Brunswick, N. J. Catheters and bougies. 49,283; renewed Jan. 30, 1926.

Johnson & Johnson, New Brunswick, N. J. Tooth paste. 50,378; renewed Mar. 13, 1926.

Johnson & Johnson, New Brunswick, N. J. Felted absorbent cotton. 52,956-7; renewed May 22, 1926.

Johnson & Johnson, New Brunswick, N. J. Suspensory bandages. 54,235; renewed June 26, 1926.

Johnson & Johnson, New Brunswick, N. J. Suspensory bandages. 54,249; renewed June 26, 1926.

Johnson & Johnson, New Brunswick, N. J. Medical and surgical plasters. 54,308; renewed June 26, 1926.

Johnson & Johnson, New Brunswick, N. J. Catheters, stomach tubes, and bougies. 54,309; renewed June 26, 1926.

Johs. Maeland A/S Ltd., Stavanger, Norway. Canned anchovies, herring, mackerel, sardelrings, and gaffelbitar. 210,356; Mar. 16; Serial No. 212,691; published Aug. 11, 1925.

Joliet Stove Works, assignor to Moore Brothers Company, Joliet, Ill. Heating and cooking stoves. 51,654; renewed Apr. 17, 1926.

Jones, Vess, New York, N. Y. Automobiles or taxicabs. 210,533; Mar. 16; Serial No. 186,646; published Dec. 15, 1925.

Kahn, Helen F., Woodmere, N. Y. Leather pocketbooks. 210,640; Mar. 16.

Katzin, Alexander B., doing business as Consolidated Flour Mills of Canada, New York, N. Y. Flour from hard Manitoba wheat. 210,606; Mar. 16; Serial No. 221,617; published Dec. 29, 1925.

Kaufmann Department Stores, Inc., Pittsburgh, Pa. Baby carriages. 210,357; Mar. 16; Serial No. 222,182; published Dec. 29, 1925.

Kaulke, Johannes, doing business as Industrial Apparatus and Instrument Co., Newark, N. J. Electric wax sealing machines. 210,497; Mar. 16; Serial No. 217,676; published Dec. 8, 1925.

Kaumagraph Co., New York, N. Y. Stamps for stamping trade-marks upon textiles. 54,575; renewed June 26, 1926.

Keith Brothers & Co., assignor to Keith Brothers and Company, Chicago, Ill. Hats and caps for men and boys. 53,602; renewed June 5, 1926.

Keith Brothers & Co., assignor to Keith Brothers and Company, Chicago, Ill. Hats and caps for men and boys. 53,634; renewed June 5, 1926.

Kentucky Wagon Manufacturing Company, Louisville, Ky. Farm Wagons. 52,570; renewed May 15, 1926.

Kentucky Wagon Manufacturing Company, Louisville, Ky. Farm wagons and dump carts. 52,855; renewed May 22, 1926.

Kentucky Wagon Manufacturing Company, Louisville, Ky. Farm wagons. 52,856; renewed May 22, 1926.

Keystone Hair Insulator Company, Pittsburgh, Pa., and New York, N. Y. Sheets of insulating material. 210,404; Mar. 16; Serial No. 221,262; published Dec. 22, 1925.

Kirk, James S., & Company, Chicago, Ill. Soap. 210,436; Mar. 16; Serial No. 215,745; published Dec. 15, 1925.

Klex Manufacturing Company, Chicago, Ill. Modeling clay. 210,351; Mar. 16; Serial No. 221,179; published Dec. 15, 1925.

Knoll & Co., Ludwigshafen, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Remedies for skin diseases. 27,785; renewed Feb. 11, 1926.

Koken Companies, St. Louis, Mo. Razor strops. 210,362; Mar. 16; Serial No. 222,128; published Dec. 15, 1925.

Kollath, Joseph, Schenectady, N. Y. Electrical display signs. 210,456; Mar. 16; Serial No. 209,990; published Dec. 29, 1925.

Kops Bros., assignor to Kops Bros., Inc., New York, N. Y. Corsets, corset waists, and corset steels. 50,936; renewed Apr. 3, 1926.

Kratz, Paul, Louisville, Ky. Periodical. 54,284; renewed June 26, 1926.

La Resista Corset Company. (See Downer Hawes and Company, assignor.)

La-Roy Hat Co., New York, N. Y. Ladies' and children's hats. 210,408; Mar. 16; Serial No. 220,962; published Dec. 15, 1925.

Laudenslager, J. K., Inc., Philadelphia, Pa. Spices. 210,382; Mar. 16; Serial No. 222,750; published Dec. 29, 1925.

Lawrenceburg Roller Mills Company, Lawrenceburg, Ind., and Boston, Mass.; Lawrenceburg Roller Mills Company, Lawrenceburg, Ind. Wheat flour. 52,151-2; renewed May 1, 1926.

Lawrenceburg Roller Mills Company, Lawrenceburg, Ind., and Boston, Mass.; Lawrenceburg Roller Mills Company, Lawrenceburg, Ind. Wheat flour. 53,439; renewed June 5, 1926.

Lawrenceburg Roller Mills Company, Lawrenceburg, Ind., and Boston, Mass.; Lawrenceburg Roller Mills Company, Lawrenceburg, Ind. Wheat flour. 54,470; renewed June 26, 1926.

Les Etablissements Poulenc Freres, Paris, France. Double iodine of quinine and of bismuth. 210,657; Mar. 16.

Levy, E. S., & Company, Galveston, Tex. Leather shoes. 210,441; Mar. 16; Serial No. 215,156; published Dec. 22, 1925.

Lichfield, Sidney, Kansas City, Mo. Writing ink. 210,503; Mar. 16; Serial No. 219,191; published Dec. 8, 1925.

Lindt, A. & W., Bern, Switzerland. Dietetical products. 210,483; Mar. 16; Serial No. 219,827; published Dec. 22, 1925.

Linke, Theodore, New York, N. Y. Filters. 27,604; renewed Jan. 7, 1926.

Lipps, Frederick W., Co. (See Murbach Company, The, assignor.)

Litolff, Richard, doing business as Henry Litolff's Verlag, Brunswick, Germany. Sheet music and music books. 210,524; Mar. 16; Serial No. 177,134; published Oct. 16, 1923.

Loft, Incorporated. (See Fox, Ann, Corporation.)

Lorraine Corporation, Chicago, Ill. Electric driving lights. 210,507; Mar. 16; Serial No. 219,828; published Dec. 8, 1925.

Lowe Brothers Company, The, Dayton, Ohio. Varnish primer and liquid filler. 210,374; Mar. 16; Serial No. 222,514; published Dec. 22, 1925.

Lowe Brothers Company, The, Dayton, Ohio. Filler, primer, sealer, and surfacer. 210,539; Mar. 16; Serial No. 222,512; published Dec. 22, 1925.

Lyman Publishing Corporation, New York, N. Y. Monthly printed periodical or trade paper. 210,603; Mar. 16; Serial No. 221,557; published Dec. 15, 1925.

Macfadden Publications Incorporated, New York, N. Y. Daily publication. 210,437; Mar. 16; Serial No. 215,698; published July 28, 1925.

Magnolia Metal Company, New York, N. Y. Antifriction metals or alloys. 53,519–20; renewed June 5, 1926.

Maire, August E., Minneapolis, Minn. Roof preserving paint. 55,043; renewed Aug. 7, 1926.

Maisch, Chas A., Co., The, Cincinnati, Ohio. Comforts. 54,161; renewed June 19, 1926.

Majert & Ebers, Grunau, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Certain named remedies. 27,896; renewed Mar. 3, 1926.

Marlboro Shirt Company, Inc., Baltimore, Md. Shirts. 210,352; Mar. 16; Serial No. 221,126; published Dec. 22, 1925.

Marshall Chemical Company, Marshall, Va., assignor to Carbona Products Company, New York, N. Y. Cleaning and polishing soap. 54,413; renewed June 26, 1926.

Marshall Field & Company, Chicago, Ill. Corsets. 210,572; Mar. 16; Serial No. 222,604; published Dec. 22, 1925.

Massey, Mrs. R. C., and Mrs. E. W. Cairncross, Boise, Idaho. Cereal breakfast food. 210,525; Mar. 16; Serial No. 172,951; published Dec. 22, 1925.

Masury-Young Company, Charlestown, Mass. Lubricating oils and greases. 210,488; Mar. 16; Serial No. 220,244; published Dec. 22, 1925.

May, James O., deceased. (See Dayon, A. H., and Wigmore, administrators.)

McClary Mfg. Co., The, London, Ontario, Canada. Enameled kitchen and cooking utensils and dishes. 210,616; Mar. 16; Serial No. 220,460; published Dec. 22, 1925

McCurdy, Henry B., Lawrence, Kans. Completely-printed books, magazines, pictures, and prints. 210,604; Mar. 16; Serial No. 221,558; published Dec. 15, 1925.

McLean, Andrew, Co., Passaic, N. J., and New York, N. Y.; Andrew McLean Co., Passaic, N. J. Upholstery textile fabrics. 51,513; renewed Apr. 17, 1926.

Merle, John, doing business as The Merle Candy Co., New York, N. Y. Candy. 210,407; Mar. 16; Serial No. 220,968; published Dec. 15, 1925.

Merrill, William C., jr., doing business as Controlite Manufacturing Co., Chicago, Ill. Electric dimming switches and controls for vehicle headlights. 210,489; Mar. 16; Serial No. 198,243; published Dec. 15, 1925

Mid-States Gummed Paper Company, Chicago, Ill. Gummed paper tape. 210,556; Mar. 16; Serial No. 218,196; published Dec. 15, 1925.

Mimosa Aktiengesellschaft, Dresden, Germany. Light-sensitized photographic papers, photographic apparatus, plates, and films. 210,463; Mar. 16; Serial No. 205,833; published Dec. 22, 1925.

Minneapolis Brewing Company, Minneapolis, Minn. Beer. 54,642–3; renewed June 26, 1926.

Minot, Hooper & Co., New York, N. Y. Sheeting. 54,311; renewed June 26, 1926.

Minute Tapioca Co. (See Whitman Grocery Company, assignor.)

Monarch Leather Company, Chicago, Ill. Leather. 210,433; Mar. 16; Serial No. 216,199; published Dec. 15, 1925.

Moon, George Q., & Company, Inc., Binghamton, N. Y. Buckwheat flour, granulated meal, laying mash, bran, etc. 210,471; Mar. 16; Serial No. 218,864; published Dec. 22, 1925.

Moore Brothers Company. (See Joliet Stove Works, assignor.)

Moore Pen Co., The, Boston, Mass. Fountain pens. 218,560–2; Mar. 16; Serial Nos. 218,564–6; published Dec. 15, 1925.

Moorman Mfg. Co., Quincy, Ill. Mineral feed for poultry. 210,585; Mar. 16; Serial No. 222,332; published Dec. 22, 1925.

Morgan Company, The, Peoria, Ill. Monthly magazine. 210,593; Mar. 16; Serial No. 222,861; published Dec. 29, 1925.

Morgan, Harry D., San Francisco, Calif. Dosage spoons. 210,454; Mar. 16; Serial No. 210,397; published Dec. 29, 1925.

Mosaic Tile Company, The, Zanesville, Ohio. Floor and wall tiles of clay. 210,543; Mar. 16; Serial No. 199,122; published Dec. 8, 1925.

Mueller Brass Co., Port Huron, Mich. Hose nozzles. 210,598–9; Mar. 16; Serial Nos. 221,496–7; published Dec. 15, 1925.

Mulford, H. K. Company, Philadelphia, Pa. Mouth and tooth wash. 54,618; renewed June 26, 1926.

Murbach Company, The, assignor to Frederick W. Lipps Co., Inc., Baltimore, Md. Candy. 49,102; renewed Jan. 23, 1926.

Muro, Gerard, Brooklyn, N. Y. Olive oil, Spanish olives, grated cheese, etc. 210,661; Mar. 16.

Naegele, Carl F., doing business as The Nip and Tuck, San Dimas, Calif. Canned fruits, vegetables, and fruit preserves, coffee, teas, etc. 210,396; Mar. 16; Serial No. 220,790; published Dec. 22, 1925.

Nathan, M., and Brother, Incorporated, Johnstown, Pa. Leather shoes. 210,406; Mar. 16; Serial No. 221,195; published Dec. 15, 1925.

Nathanson, William, Chicago, Ill. Male-genital-organ splint. 210,501; Mar. 16; Serial No. 218,769; published Dec. 15, 1925.

National Automobile Service, Corporation, The, Detroit, Mich. Gasoline, kerosene, lubricating oils and greases. 210,470; Mar. 16; Serial No. 218,986; published Dec. 22, 1925.

National Carbon Company, Inc., New York, N. Y. Brushes. 210,349; Mar. 16; Serial No. 221,275; published Dec. 29, 1925.

National Electric Sweeper Company, Oakland, Calif. Electric vacuum cleaners. 210,421; Mar. 16; Serial No. 221,914; published Dec. 15, 1925.

National Grocery Company, Jersey City, N. J. Tea. 210,569; Mar. 16; Serial No. 218,824; published Dec. 29, 1925.

National Pneumatic Company, New York, N. Y. Electrical safety signaling lights and systems of lights, and semaphores, electrical door motors, etc. 210,548; Mar. 16; Serial No. 213,722; published Dec. 29, 1925.

National Vulcanized Fibre Co., Wilmington, Del. Laminated fabricated material for electrical insulation. 210,431; Mar. 16; Serial No. 216,280; published Dec. 29, 1925.

Neale, Edward G., doing business as Neale, Inc., Los Angeles, Calif. Electric advertising signs. 210,496; Mar. 16; Serial No. 216,351; published Dec. 8, 1925.

Newark Lime & Cement Mfg. Co., The, Newark, N. J., and Rondout, N. Y., assignor to Newark Plaster Company, Newark, N. J. Natural rock or hydraulic cement, lime, and plaster. 48,644; renewed Jan. 9, 1926.

New York Metal Store Fronts Co., Inc., New York, N. Y. Store-window construction. 210,553; Mar. 16; Serial No. 217,286; published Dec. 29, 1925.

Nice, Eugene E., Company, Philadelphia, Pa. Polishes for automobiles, etc. 210,402; Mar. 16; Serial No. 221,023; published Dec. 22, 1925.

Nichols, Howard E., St. Louis, Mo. Hair tonics, stains, removers, and dandruff cures. 53,933; renewed June 12, 1926.

Nip and Tuck, The. (See Naegele, Carl F.)

Norddeutsche Kartoffelmehl-Fabrik mit beschränkter Haftung, Custrin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Starch and dextrin. 49,667; renewed Feb. 13, 1926.

Norddeutsche Kartoffelmehl-Fabrik mit beschränkter Haftung, Custrin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Potato flour, potato starch, and dextrin. 49,911; renewed Feb. 20, 1926.

Northwest Paper Company, The, Cloquet, Minn. Writing, drawing, and printing paper. 210,360; Mar. 16; Serial No. 222,133; published Dec. 22, 1925.

Northwest Paper Company, The, Cloquet, Minn. Wrapping paper. 210,361; Mar. 16; Serial No. 222,132; published Dec. 22, 1925.

Northwestern Consolidated Milling Company, Minneapolis, Minn., and New York; The Northwestern Consolidated Milling Company, New York, N. Y. Wheat flour. 54,503; renewed June 26, 1926.

Northwestern Radio Mfg. Company, Portland, Oreg. Radio receiving sets. 210,551; Mar. 16; Serial No. 213,098; published Dec. 29, 1925.

Numsen, Wm., & Sons, Inc., Baltimore, Md. Fruits and vegetables in tin or glass. 53,412; renewed June 5, 1926.

Oakville Company, assignor to Scovill Manufacturing Company, Waterbury, Conn. Wire goods. 27,754; renewed Feb. 4, 1926.

Oneida Community Limited, Oneida, N. Y. Flatware, tableware, hollow ware, and cutlery. 210,394; Mar. 16; Serial No. 220,462; published Dec. 29, 1925.

Oneida Community Limited, Oneida, N. Y. Silver-plated tableware, flatware, hollow ware, and cutlery. 210,420; Mar. 16; Serial No. 221,916; published Dec. 15, 1925.

Oster, John, Manufacturing Company, Racine, Wis. Hair clippers, clipper plates and blades, and repair parts. 210,367; Mar. 16; Serial No. 223,135; published Dec. 29, 1925.

Otto Gas Engine Works, The, Philadelphia, Pa.; The Otto Engine Works, Camden, N. J., and Philadelphia, Pa., successor. Internal-combustion engines. 27,914; renewed Mar. 3, 1926.

Owens Bottle Company, The, Toledo, Ohio. Caps or closure devices for bottles and other containers. 210,547; Mar. 16; Serial No. 213,665; published Dec. 29, 1925.

Owens Bottle Company, The, Toledo, Ohio. Caps or closure devices for bottles and other containers. 210,626; Mar. 16; Serial No. 213,664; published Dec. 22, 1925.

Paas Dye Company, Newark, N. J. Dyes. 50,727–8; renewed Mar. 27, 1926.

Palmolive Company, The, Chicago, Ill. Soap. 210,594; Mar. 16; Serial No. 222,870; published Dec. 15, 1925.

Pango Milk Chocolate Company, The, Toledo, Ohio. Chocolate malted milk. 210,509; Mar. 16; Serial No. 222,389; published Dec. 22, 1925.

Parke, Davis & Co., Detroit, Mich., and New York, N. Y. Hæmostatic, astringent, blood-pressure raising, and stimulating preparations. 53,934; renewed June 12, 1926.

Parke, L. H., & Co., assignor to L. H. Parke Company, Philadelphia, Pa. Tea. 28,446; renewed June 23, 1926.

Parry, Irene A., Seattle, Wash. Educational printed charts for children. 210,430; Mar. 16; Serial No. 216,474; published Dec. 15, 1925.

Patent Novelty Company, Fulton, Ill. Dustpans. 210,348; Mar. 16; Serial No. 221,278; published Dec. 15, 1925.

Paterson-Mutual Hosiery Mills, Inc., Paterson, N. J. Periodical published monthly. 210,375; Mar. 16; Serial No. 223,321; published Dec. 29, 1925.

Peacock Chemical Co., St. Louis, Mo. Preparation of bromide. 49,572; renewed Feb. 13, 1926.

Peacock Chemical Co., St. Louis, Mo. Medicines for diseases of the liver. 50,054; renewed Feb. 27, 1926.

Pearl City Fruit Co., Ltd., Honolulu, Hawaii. Canned pineapple. 210,455; Mar. 16; Serial No. 210,311; published Dec. 22, 1925.

Perkins & Squier Company, New York, N. Y. Blank books and printing paper. 210,479; Mar. 16; Serial No. 219,598; published Dec. 15, 1925.

Pfaltz & Bauer, Inc., New York, N. Y. Ground hæmatite, magnetite, and ground iron ores. 210,595; Mar. 16; Serial No. 221,335; published Dec. 29, 1925.

Philadelphia Rubber Works, assignor to Philadelphia Rubber Works Company, Philadelphia, Pa. Restored or devulcanized rubber. 49,481; renewed Feb. 6, 1926.

Philipp, Gustave A. (See Schultz, F. A., and Philipp.)

Pierce-Arrow Motor Car Company, The, Buffalo, N. Y. Chassis of automotive vehicles and component parts thereof. 210,532; Mar. 16; Serial No. 186,605; published Dec. 22, 1925.

Plaza Music Co., New York, N. Y. Radio receiving sets and parts thereof. 210,475; Mar. 16; Serial No. 219,461; published Dec. 29, 1925.

Pocahontas Fuel Company Incorporated, Pocahontas, Va., and New York, N. Y. Coal. 210,350; Mar. 16; Serial No. 221,204; published Dec. 15, 1925.

Pritchard, Edward, New York, N. Y. Ammonia, catchup, and sauces. 28,564; renewed July 7, 1926.

Provident Slate Company, The; Provident Slate Company, Slatington, Pa. Roofing slate. 45,396; renewed Aug. 15, 1925.

Prudence-Bonds Corporation, New York, N. Y. House newspaper. 210,542; Mar. 16; Serial No. 189,519; published Dec. 29, 1925.

Public Ledger Company, Philadelphia, Pa. Title for cartoons in newspaper articles. 210,371; Mar. 16; Serial No. 223,050; published Dec. 29, 1925.

Purity Biscuit Company, The, Salt Lake City, Utah. Cookies, cakes, crackers, and biscuits. 210,541; Mar. 16; Serial No. 222,397; published Dec. 22, 1925.

Purity Products Co. (See Tunstead, David M.)

Radio Corporation of America, New York, N. Y. Vacuum tubes and valves. 210,397; Mar. 16; Serial No. 220,869; Published Dec. 29, 1925.

Radio Corporation of America, New York, N. Y. Vacuum tubes and valves. 210,398; Mar. 16; Serial No. 220,872; published Dec. 29, 1925.

Railton, B. A., Co., Chicago, Ill. Liquid, paste, and powder soaps and cleaners. 210,428; Mar. 16; Serial No. 216,638; published Aug. 25, 1925.

Railway Training Institute, Chicago, Ill. Books and instruction papers used in connection with a correspondence course. 210,549; Mar. 16; Serial No. 213,735; published Dec. 15, 1925.

Rapid Addressing Machine Company, New York, N. Y. Inks and inking materials for stencil addressing machines. 210,540; Mar. 16; Serial No. 222,401; published Dec. 29, 1925.

Rapid Addressing Machine Company, New York, N. Y. Stencil cards. 210,577; Mar. 16; Serial No. 222,404; published Dec. 22, 1925.

Rapid Addressing Machine Company, New York, N. Y. Stencil cards. 210,578; Mar. 16; Serial No. 222,405; published Dec. 22, 1925.

Rapid Addressing Machine Company, New York, N. Y. Addressing machines. 210,583; Mar. 16; Serial No. 222,402; published Jan. 5, 1926.

Ray County Coal Co., Richmond, Mo. Coal. 210,519; Mar. 16; Serial No. 221,977; published Dec. 22, 1925.

Red Spot Paint & Varnish Company, Incorporated, Evansville, Ind. Paint enamels, paints, and finishing materials. 210,432; Mar. 16; Serial No. 216,213; published Dec. 22, 1925.

Reeves, J. S., & Co., Nashville, Tenn. Woven cotton piece goods. 54,178; renewed June 19, 1926.

Reichmann Company, Chicago, Ill. Loud speakers and parts thereof. 210,504; Mar. 16; Serial No. 219,410; published Dec. 8, 1925.

Remington Arms Co., Ilion, N. Y., assignor to Remington Arms Company, Inc., Bridgeport, Conn., Ilion and New York, N. Y. Bicycles and other velocipedes and parts thereof. 28,610; renewed July 14, 1926.

Reold Co. (See Gregg, Fred W.)

Reynolds Preserving Company, The, Sturgeon Bay, Wis. Fresh cherries. 210,473; Mar. 16; Serial No. 219,204; published Dec. 29, 1925.

Rheinische Metallwaaren und Maschinenfabrik, Dusseldorf-Derendorf, Germany. Pistols, revolvers, rifles, guns, ammunition, etc. 210,341–2; Mar. 16; Serial No. 202,953–4; published June 16, 1925.

Rice & Hutchins, Incorporated, assignor to Rice & Hutchins, Inc., Boston, Mass. Boots and shoes and leather used in their manufacture. 51,848; renewed Apr. 24, 1926.

Rice & Hutchins, Incorporated, assignor to Rice & Hutchins, Inc., Boston, Mass. Boots and shoes and leather used in their manufacture. 52,000; renewed May 1, 1926.

Rice & Hutchins, Incorporated, Boston, Mass. Boots and shoes of leather. 210,578; Mar. 16; Serial No. 222,943; published Dec. 22, 1925.

Richvein Coal Company, The, Cincinnati, Ohio. Coal. 210,608; Mar. 21; Serial No. 221,717; published Dec. 22, 1925.

Robertson, H. H., Co., Pittsburgh, Pa. Asphalts and compositions embodying asphalt and like materials. 210,557; Mar. 16; Serial No. 218,278; published Nov. 8, 1925.

Robischon, Ernest W., New York, N. Y. Ladies' garments and underwear of knitted and textile fabric. 210,474; Mar. 16; Serial No. 219,495; published Dec. 8, 1925.

Rochester Self-Binder Co. Inc., The, Rochester, N. Y. Self-binders for binding papers of various kinds. 210,393; Mar. 16; Serial No. 220,478; published Dec. 15, 1925.

Royal Worcester Corset Company, Worcester, Mass. Corsets. 50,188; renewed Mar. 6, 1926.

St. Charles Condensing Co., St. Charles, Ill., assignor to The Borden Company, New York, N. Y. Condensed milk. 48,942; renewed Jan. 16, 1926.

St. Charles Condensing Co., St. Charles, Ill., assignor to The Borden Company, New York, N. Y. Condensed milk. 49,081; renewed Jan. 23, 1926.

St. Paul Physico-Clinical Laboratory. (See Gillmore, Verne.)

Salva-Cea Company. (See Brandreth Company, The, assignor.)

Sanford, William R., Howard, R. I. Blotters, writing pads, post cards, etc. 210,443; Mar. 16; Serial No. 214,448; published Dec. 15, 1925.

Sapolin Co. (See Gerstendorfer Bros., assignor.)

Saurer, Adolph, Inc., New York, N. Y. Truck and passenger automobiles, automobile wheels, radiators, chassis, bodies, and parts thereof. 210,390; Mar. 16; Serial No. 220,681; published Dec. 22, 1925.

Schieren, Charles A., & Co., assignor to Chas. S. Schieren Company, New York, N. Y. Leather belting. 26,748; renewed July 2, 1925.

Schmid, Julius, Inc., New York, N. Y. Radiopanels. 210,491; Mar. 16; Serial No. 207,762; published Dec. 15, 1925.

Schroth, J. & F., Packing Company, The, Cincinnati, Ohio. Lards. 54,377; renewed June 26, 1926.

Schulder, A., & Sons, New York, N. Y. Sewing-machine needles. 210,610; Mar. 16; Serial No. 221,853; published Jan. 5, 1926.

Schuls, Friedrich A., and G. A. Philipp, Leipzig, Germany, assignors to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Cleaning and polishing preparations and wash blue. 28,021; renewed Mar. 24, 1926.

Schust Company, The, Saginaw, Mich. Crackers. 210,534; Mar. 16; Serial No. 212,416; published Dec. 22, 1925.

Schutte & Koerting Company, Philadelphia, Pa. Engineering appliances. 210,630; Mar. 16; Serial No. 152,388; published Dec. 15, 1925.

Schwob, Adolphe, assignor to Adolphe Schwob, Inc., New York, N. Y. Watches and parts thereof. 54,530; renewed June 26, 1926.

Scovill Manufacturing Company. (See Oakville Company, assignor.)

Sealey, William A., doing business as Sealmastic Paint Company, New York, N. Y. Paint solution, rustproof paints, and dampproof paints. 210,400; Mar. 16; Serial No. 220,975; published Dec. 22, 1925.

Sealmastic Paint Company. (See Sealey, William A.)

Sharpless, P. E., Company, Philadelphia, Pa. Butter, cheese, and evaporated milk. 210,623; Mar. 16; Serial No. 220,924; published Dec. 22, 1925.

Short-Gilleaudeau Co. (See Gilleaudeau, Joseph R., assignor.)

Siebel, Emil, doing business as Emil Siebel Company, St. Louis, Mo. Medicinal preparation for the treatment of constipation and general intestinal troubles. 210,651; Mar. 16.

Sigma Nu Phi Fraternity (Legal), Washington, D. C. Fraternity badges, lapel buttons, cuff links, etc. 210,527; Mar. 16; Serial No. 183,087; published Dec. 8, 1925.

Simmons-Boardman Publishing Co., New York, N. Y. Magazine published periodically. 210,510; Mar. 16; Serial No. 222,198; published Dec. 29, 1925.

Simmons-Boardman Publishing Co., New York, N. Y. Magazine published periodically. 210,511–12; Mar. 16; Serial Nos. 222,196–7; published Dec. 22, 1925.

Simmons Company, New York, N. Y. Bedsteads, cots, cribs, and couches. 210,476; Mar. 16; Serial No. 219,500; published Dec. 29, 1925.

Singer Manufacturing Company, The, New York, N. Y.; The Singer Manufacturing Company, Elizabeth, N. J. Lubricating oil. 53,987; renewed June 19, 1926.
Smith, William W., assignor to Smith Brothers, Inc., Poughkeepsie, N. Y. Cough drops. 50,947; renewed Apr. 3, 1926.
Societe Anonyme l'Europe Nouvelle, Paris, France. Weekly publication. 210,619; Mar. 16; Serial No. 220,624; published Dec. 15, 1925.
Southern Fertilizer & Chemical Company, doing business as Darlington Guano Company, Savannah, Ga. Fertilizers. 210,591; Mar. 16; Serial No. 221,979; published Dec. 29, 1925.
Spiegel, Morris; M. Spiegel & Sons, Inc., Albany, N. Y., successor. Liniment. 46,224; renewed Sept. 12, 1926.
Stabler, Jordan, Company, Baltimore, Md. Flavoring extracts. 50,288; renewed Mar. 6, 1926.
Stafford, Mildred L., doing business as J. C. Hidden Mfg. Co., Middleboro, Mass. Built-in ironing boards, broom closets, telephone stands, etc. 210,639; Mar. 16.
Stahmer Coal Company, Chicago, Ill. Coal. 210,630; Mar. 16.
Standard Veterinary Products Co., Inc., Philadelphia, Pa. Witch-hazel compound, insecticides, disinfectants. 210,636; Mar. 16.
Stanley, John T., Co., Inc., New York, N. Y. Polishes, top dressing, engine enamel and tire paint. 210,521; Mar. 16; Serial No. 221,783; published Dec. 22, 1925.
Stanley, John T., Co., Inc., New York, N. Y. Soap. 210,609; Mar. 16; Serial No. 221,786; published Dec. 15, 1925.
Stannard, David S. B., Huntington Park and Los Angeles, Calif. Reference chart of radio stations published from time to time. 210,461; Mar. 16; Serial No. 208,785; published Apr. 21, 1925.
Star Manufacturing Company, Inc., Providence, R. I. Ground-joint malleable-iron bronze seat unions. 210,582; Mar. 16; Serial No. 222,350; published Dec. 29, 1925.
Steinberger, L., & Sons, Inc., Jersey City, N. J. Beverages and sirups for making the same. 210,660; Mar. 16.
Stephenson Mfg. Co., Albany, N. Y. Belt dressing. 51,251; renewed Apr. 10, 1926.
Steuart, Knatz & Co., assignor to Robert St. J. Steuart, doing business as Steuart, Son & Company, Baltimore, Md. Sirups and molasses. 48,060; renewed Dec. 5, 1925.
Stevens Linen Works, Dudley and Boston, Mass. Linen crash. 49,833; renewed Feb. 20, 1926.
Strathmore Paper Company, Mittineague, Mass. Cover paper. 210,480; Mar. 16; Serial No. 219,612; published Dec. 15, 1925.
Strawbridge & Clothier, assignor to Strawbridge & Clothier, Philadelphia, Pa. Dolls. 53,187; renewed May 29, 1926.
Sugaski, John D., Elyria, Ohio. Preparation for the treatment of colds and ailments of the respiratory organs. 210,627; Mar. 16.
Sumter Packing Company, Inc., The, Sumter, S. C. Canned vegetables. 210,664; Mar. 16.
Sun-Maid Raisin Growers of California, Fresno, Calif. Raisin sirup. 210,381; Mar. 16; Serial No. 222,803; published Dec. 29, 1925.
Swift & Company, Chicago, Ill. Hams, bacon, pressed meats, sausage, cooked meats, shoulders, shortenings, and other provisions. 28,452; renewed June 23, 1926.
Taub, Rudolph J., Brooklyn, N. Y. Whole soles, half soles, heels, and the service of rebuilding shoes, etc. 210,405; Mar. 16; Serial No. 221,518; published Dec. 22, 1925.
Taylor-Long Company. (See Big Bill Bottling Company, assignor.)
Teofani & Co.; Teofani & Co. Limited, London, England, successor. Cigarettes. 53,367; renewed May 29, 1926.
Thrope, Jay, Inc., New York, N. Y. Ladies' underwear of knitted and textile fabric and stockings. 210,440; Mar. 16; Serial No. 215,608; published Sept. 1, 1925.
Tighe, Loretta F., doing business as Youthfulform Brassiere Co., New York, N. Y. Brassières and combination undergarments. 210,520; Mar. 16; Serial No. 221,790; published Dec. 22, 1925.
Titus, Helena J., New York, N. Y. Rouges and lip sticks. 210,643; Mar. 16.
Titus, Helena J., New York, N. Y. Facial and massage creams. 210,650; Mar. 16.
Toch Brothers, Incorporated, New York, N. Y. Coating preparations. 210,516; Mar. 16; Serial No. 222,096; published Dec. 22, 1925.
Toch Brothers, Incorporated, New York, N. Y. Coating preparations in the nature or lacquers. 210,586; Mar. 16; Serial No. 222,290; published Dec. 22, 1925.
Tomlinson, W. H., & Co., Bay City, Mich. Boots, shoes, and slippers. 210,417; Mar. 16; Serial No. 221,292; published Dec. 15, 1925.
Tongue, R. E., & Bros.; The R. E. Tongue & Bros. Company, Philadelphia, Pa., successor. Lamp chimneys and lantern globes. 51,458; renewed Apr. 17, 1926.
Track Specialties Company, New York, N. Y. Track Specialties. 210,600; Mar. 16; Serial No. 221,520; published Dec. 29, 1925.
Trench's Remedies, Limited, Dublin, Ireland. Ointment for human use. 51,950; renewed Apr. 24, 1926.
Trench's Remedies, Limited, Dublin, Ireland. Medical preparations for external and internal use. 51,951; renewed Apr. 24, 1926.
Tri-Ergon A.-G., Zurich, Switzerland. Loud speakers. 210,498; Mar. 16; Serial No. 217,806; published Dec. 8, 1925.
Trimont Manufacturing Company Incorporated, Boston, Mass. Monkey wrenches, chain wrenches, pipe cutters, etc. 210,584; Mar. 16; Serial No. 221,986; published Jan. 5, 1926.
Troy Granite Gravel Co., Purcell and Troy, Okla. Granite sand and gravel, decomposed granite with clay binder for road and street surfacing. 210,632; Mar. 16.
Tunstead, David M., doing business as Purity Products Co., East Orange, N. J. Skin creams. 210,656; Mar. 16.
Tyler, R. B., Company, Inc., Louisville, Ky. Asphalt. 210,601; Mar. 16; Serial No. 221,521; published Dec. 29, 1925.
Tyree Auto Radiator Mfg. Co., Chicago, Ill. Automobile radiators and radiator cores. 210,435; Mar. 16; Serial No. 216,000; published Dec. 29, 1925.
Ulmer Reisstarke-Fabrik Heinrich Mack, Ulm-on-the-Danube, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Starch and starch preparations. 28,192; renewed Apr. 28, 1926.
Ulmer Reisstarke-Fabrik Heinrich Mack, Ulm-on-the-Danube, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Starch, starch and borax preparations, soap, soap powders, and blue. 28,193; renewed Apr. 28, 1926.
United Electric Company, The, Canton, Ohio. Floor-polishing tools. 210,337; Mar. 16; Serial No. 204,133; published Dec. 15, 1925.
United States Graphite Co., The, Saginaw, Mich. Foundry facings. 54,026; renewed June 19, 1926.
United States Graphite Co., The, Saginaw, Mich. Plumbago (or graphite) axle grease. 54,647; renewed June 26, 1926.
United States Gypsum Company, Chicago, Ill. Building insulation, calcined gypsum, wall plasters, gypsum tile, and plaster board. 210,611; Mar. 16; Serial No. 221,859; published Dec. 15, 1925.
Universal Phonograph Company Manufacturers. (See Waterson, May.)
Utica Heater Co., Utica Heater Company, Utica, N. Y. Boilers. 53,650; renewed June 5, 1926.
Van Duzer, S. R., New York, N. Y. Hair restoratives. 50,254; renewed Mar. 6, 1926.
Van Duzer, S. R., New York, N. Y. Hair restorer. 50,255; renewed Mar. 6, 1926.
Van Duzer, S. R., New York, N. Y. Hair restoratives. 53,585; renewed June 5, 1926.
Victor Talking Machine Company, Camden, N. J. Talking-machine records. 54,368; renewed June 26, 1926.
Vincent Bach Corporation, New York, N. Y. Cornets, trumpets, French horns, etc. 210,565–6; Mar. 16; Serial Nos. 210,841–2; published Dec. 15, 1925.
Vincent Bach Corporation, New York, N. Y. Musical instruments. 210,568; Mar. 16; Serial No. 218,840; published Dec. 15, 1925.
Von Steinner and Baumgartner Co., The, Washington, D. C. Finger rings. 210,414; Mar. 16; Serial No. 220,812; published Dec. 15, 1925.
Voorhees, Dr. C. A., Estate; Margaret V. Doyle, executrix, doing business as Dr. C. A. Voorhees Estate, Philadelphia, Pa., successor. Worm sirup. 49,581; renewed Feb. 13, 1926.
Walker, Wm. H., & Co., Buffalo, N. Y. Misses' and children's shoes. 210,415; Mar. 16; Serial No. 220,584; published Dec. 29, 1925.
Wallace, R., & Sons Mfg. Co., Wallingford, Conn. Sterling silverware. 54,561; renewed June 26, 1926.
Ward Manufacturing Co., Inc., Chicago, Ill. Radio receiving sets and parts thereof, loud speakers, etc. 210,427; Mar. 16; Serial No. 221,393; published Dec. 15, 1925.
Ware Bros. Company, Philadelphia, Pa. Monthly trade journal. 210,385; Mar. 16; Serial No. 222,531; published Dec. 29, 1925.
Warren-Ehret Company, assignor, by mesne assignments, to Warren-Ehret Company, Philadelphia, Pa. Pitch. 50,085; renewed Mar. 6, 1926.
Waterhouse & Lester Co., San Francisco, Calif. Automobile top fabrics. 210,449; Mar. 16; Serial No. 212,114; published Dec. 15, 1925.
Waterman, L. E., Company, New York, N. Y. Fountain pens. 49,478; renewed Feb. 6, 1926.
Waterman, L. E., Company, New York, N. Y. Fountain pens. 49,715; renewed Feb. 13, 1926.
Waterman, L. E., Company, New York, N. Y. Fountain pens. 51,993; renewed May 1, 1926.
Waterson, May, doing business as Universal Phonograph Company Manufacturers, New York, N. Y. Phonographs. 210,493; Mar. 16; Serial No. 210,592; published Dec. 15, 1925.
Weil, Joseph, & Sons, Inc., Chicago, Ill. Wrapping paper and toilet paper. 210,486; Mar. 16; Serial No. 220,004; published Dec. 15, 1925.
Welda Ware Products Company, Erie, Pa., assignor to C. Bruno & Son, New York, N. Y. Resonators for banjos and similar musical instruments. 210,450; Mar. 16; Serial No. 211,642; published Dec. 29, 1925.
Western Sausage & Provision Co., Inc., New York, N. Y. Canned sausage. 210,451; Mar. 16; Serial No. 210,930; published Dec. 22, 1925.

White Feather Hatchery, Inc., Fairmont, Minn. Baby chicks. 210,662; Mar. 16.
White-Haines Optical Co., The, Columbus, Ohio. Spectacles, spectacle frames, and ophthalmic lenses. 210,410; Mar. 16; Serial No. 220,933; published Dec. 15, 1925.
White-Haines Optical Co., The, Columbus, Ohio. Spectacles, spectacle frames, and ophthalmic lenses. 210,411–12; Mar. 16; Serial Nos. 220,929–30; published Dec. 15, 1925.
Whitman & Barnes Manufacturing Company, Akron, Ohio. Guards for mowers, binders, harvesters, and headers. 54,257; renewed June 26, 1926.
Whitman & Barnes Manufacturing Company, The, Akron, Ohio. Guard plates for mowers, reapers, harvesters, and headers. 54,729; renewed June 26, 1926.
Whitman Grocery Company, assignor to Minute Tapioca Co., Orange, Mass. Prepared tapioca. 52,119; renewed May 1, 1926.
Whitson, Charles N., doing business at Whitson Products Company, New York, N. Y. Food-flavoring extracts. 210,388; Mar. 16; Serial No. 220,751; published Dec. 22, 1925.
Wichita Falls Puttern Works. (See Harr, Charles H.)
Wi-da-me Company, Fairmont, Ind.; Walter L. Jay, Longootee, Ind., successor. Salves. 48,969; renewed Jan. 16, 1926.
Wigmore, G. T., et al., administrators. (See Dayton, A. H., and Wigmore.)
Willcox & Gibbs Sewing Machine Co., New York, N. Y. Sewing machines. 53,529; renewed June 5, 1926.
William, H. W., & Co., Inc., Fort Worth, Tex. Box stationery, correspondence cards, pound paper, and tablets. 210,345; Mar. 16; Serial No. 200,793; published Nov. 4, 1924.
Winchester Repeating Arms Company, New Haven, Conn. Shells for use in shotguns. 28,463; renewed June 23, 1926.
Winchester Repeating Arms Co., New Haven, Conn. Gun grease. 49,699; renewed Feb. 13, 1926.
Winchester Repeating Arms Co., New Haven, Conn. Shotguns and rifles. 52,927; renewed May 22, 1926.
Winchester Repeating Arms Co., New Haven, Conn. Shotguns and rifles. 53,994; renewed June 19, 1926.
Winsor & Newton, Ltd., London, England. Artists' colors. 210,515; Mar. 16; Serial No. 222,150; published Dec. 22, 1925.
Wizard Lightfoot Appliance Company, St. Louis, Mo. Shoes. 210,581; Mar. 16; Serial No. 221,864; published Dec. 22, 1925.
Wolff, M., & Sons, Chicago, Ill. Cucumbers. 210,502; Mar. 16; Serial No. 218,783; published Dec. 15, 1925.
Woodley Soap Manufacturing Company, Roxbury, Mass. Soap. 210,439; Mar. 16; Serial No. 215,612; published Dec. 15, 1925.
Woodward-Wanger Company, Philadelphia, Pa. Bib and faucet washers. 210,564; Mar. 16; Serial No. 217,909; published Jan. 5, 1926.
Woolsey, C. A., Paint & Color Co., Jersey City, N. J. Dry, ready-mixed, and paste paints, varnish and oil stains, etc. 210,399; Mar. 16; Serial No. 220,932; published Dec. 22, 1925.
Young, Carlos G., San Francisco, Calif. Landing net for fishermen. 210,550; Mar. 16; Serial No. 216,959; published Aug. 25, 1925.
Youthfulform Brassiere Co. (See Tighe, Loretta F.)
Yvon, Paul, assignor to Institut Pasteur, Paris, France. Serums. 54,693; renewed June 26, 1926.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Alderman, Fairchild Co., Rochester, N. Y. The World Flyers. For Games. 30,069; Mar. 16.
Alderman, Fairchild Co., Rochester, N. Y. Match'em. For Games. 30,070; Mar. 16.
Atlas Brewing Company, Chicago, Ill. Atlas Tonic. For Malt Tonic. 30,071; Mar. 16.
Atlas Brewing Company, Chicago, Ill. Atlas Special. For a Malt Beverage. 30,072; Mar. 16.
Atlas Brewing Company, Chicago, Ill. Atlas—Simply Great. For Root Beer. 30,073; Mar. 16.
Basket Grocery Company, Portland, Oreg. 'We Never Close'. For Food Products. 30,074; Mar. 16.
Bliss Syrup Refining Co., Kansas City, Mo. Williams Dainty Lunch Preserves. For Preserves. 30,075; Mar. 16.
Brach, E. J., & Sons, Chicago, Ill. Brach's Golden Egg. For Chocolate-Covered Marshmallow Eggs. 30,076; Mar. 16.
Decatur Ice Cream & Creamery Co. (See Menasha Printing and Carton Company.)
Dunlop Milling Company, The, Clarksville, Tenn. June Bride. For Self-Rising Flour. 30,077; Mar. 16.
Edwards, E. H., Company, Chicago, Ill. Sugar Puff Vanilla White Marshmallows. For Marshmallow Candies. 30,078; Mar. 16.
Eucalets Corporation, Los Angeles, Calif. Eucalets. For Cough Drops. 30,079; Mar. 16.
Feinstein, Fanny, Bogota, N. J. Accurate Cost Sheet For Builders. For Blanks for Builders' Use. 30,080; Mar. 16.
Fernandez, Manuel, E., New York, N. Y. Goldora. For Oranges. 30,081; Mar. 16.
Frisch, Emile, Chicago, Ill. Frisch Process #1. For Bread. 30,082; Mar. 16.
Frisch, Emile, Chicago, Ill. Frisch Process #2. For Bread. 30,083; Mar. 16.
Hart & Cooley Company, The, New Britain, Conn. Handy Craft. For Mechanical Toy Construction Units. 30,084; Mar. 16.
Hutchinson, Elizabeth, New York, N. Y. Mrs. Hutchinson's American Pure Home Made Orange Marmalade. For Orange Marmalade. 30,085; Mar. 16.
Kelly Cigar Co., The, Red Lion, Pa. Kelly's Green Ribbon. For Cigars. 30,086; Mar. 16.
Kelly Cigar Co., The, Red Lion, Pa. Kelly Hand Made. For Cigars. 30,087; Mar. 16.
Keokuk Canning Company, Keokuk, Iowa. Pickle Thin. For Pickles. 30,088; Mar. 16.
M & A Produce Co., doing business as Michel & Alauzet Produce Co., Los Angeles, Calif. "M A". For Fresh Potatoes. 30,089; Mar. 16.
Menasha Printing and Carton Company, Menasha, Wis. 6-F Brand. For Butter. 30,091; Mar. 16.
Menasha Printing and Carton Company, Menasha, Wis., assignor to Decatur Ice Cream & Creamery Co., Decatur, Ala. "Dee Cee" Butter. For Butter. 30,090; Mar. 16.
Michel & Alauzet Produce Co. (See M & A Produce Co.)
Oceano Products Company, Newark, N. J. Ocean-O. For a Regulating Tonic and Detoxicant. 30,092; Mar. 16.
Strauss, Levi, & Company, San Francisco, Calif. This Is a Pair of Them. For Overalls. 30,093; Mar. 16.
Walls, Miss Jackie, Detroit, Mich. Miss Jackie Walls' Hair Grower. For Hair Tonic. 30,094; Mar. 16.
Williams Company, The, London, Ohio. Radio Steel Wool. For Steel Wool. 30,095; Mar. 16.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Cream of Wheat Co., Minneapolis, Minn. From "Danger Valley" up "Safety Hill". For Wheat Breakfast Food. 8,634; Mar. 16.
Fromme, Carl H., Los Angeles, Calif. SX-XS—(Sux) S. For Motor Vehicles. 8,635; Mar. 16.
Heinz, H. J., Company, Pittsburgh, Pa. Heinz Cream Soups Contain Rich Dairy Cream. For Cream-of-Tomato Soup. 8,636; Mar. 16.
Jell-O Company, Inc., The, Le Roy, N. Y. Giro's Paisley Design. For a Dessert Preparation. 8,637; Mar. 16.
Jell-O Company, Inc., The, Le Roy, N. Y. Marion Power's Spanish Jell-O. For a Dessert Preparation. 8,638; Mar. 16.
Jell-O Company, Inc., The, Le Roy, N. Y. 'The Hayden Girl'. For a Dessert Preparation. 8,639; Mar. 16.
Jell-O Company, Inc., The, Le Roy, N. Y. 'Bobby Is So Well Behaved'. For a Dessert Preparation. 8,640; Mar. 16.
Jell-O Company, Inc., The, Le Roy, N. Y. How It Is Done In The Movies. For a Dessert Preparation. 8,641; Mar. 16.
Reid, Murdoch & Co., Chicago, Ill. The Teenie Weenies and Their Secret. For Peanut Butter. 8,642; Mar. 16.
Richardson Corp., Rochester, N. Y. Served at Our Fountain. For Maid of Honor Crushed Fruits and Sirups. 8,643; Mar. 16.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Advance Bag and Paper Company, Inc., Boston, Mass. Paper bags. 222,538; Mar. 16.
Advance Bag and Paper Company, Inc., Boston, Mass. Paper bags. 222,548; Mar. 16.
Advace Bag and Paper Company, Inc., Boston, Mass. Paper bags. 222,554; Mar. 16.
Aktieselskabet Hvistendahl & Werring Limited, Christiania, Norway. Sild, bristling, and herrings. 209,016; Mar. 16.
Aktinol Laboratories, Inc., The, Chicago, Ill. General tonic. 224,442; Mar. 16.
Aladdin Industries, Incorporated, Chicago, Ill. Kerosene candle lamps, burners, wicks, and parts of lamps and burners thereof. 221,938; Mar. 16.
Alderney Dairy Company, Newark, N. J. Butter and cheese. 224,689; Mar. 16.
Alexander, Benjamin, New York, N. Y. Incense powder and scented powder for the bath and body. 225,392; Mar. 16.
Altamay Chocolate Co., Chicago, Ill. Compound of chocolate, powdered milk, and cane sugar for making chocolate beverage and candy. 226,623; Mar. 16.
American Auto Supply Co., Memphis, Tenn. Tire patches. 226,755; Mar. 16.
American Furnace & Foundry Co., The, Milan, Mich. Hot-air furnaces and water heaters, warm-air furnaces, etc. 211,195; Mar. 16.
American Glue Company, Boston, Mass. Abrasive papers and cloths. 219,102; Mar. 16.
American Nature Association, Washington, D. C. Monthly magazine. 226,219; Mar. 16.
American Oyster Co., Providence, R. I. Canned soups. 226,461; Mar. 16.
Amter, Sarah C., Cripple Creek, Colo. Cough sirup. 224,271; Mar. 16.
Andrews, Elizabeth K., Chattanooga, Tenn. Gowns, women's and childrens' hats, lingerie, shawls, and scarfs. 218,095; Mar. 16.
Applewhite, Nathaniel S., Washington, D. C. Preparation for use in the treatment of nervous indigestion, dyspepsia, etc. 226,874; Mar. 16.
Arlt, Anna H., Brooklyn, N. Y. Toilet articles. 219,615; Mar. 16.
Armor Chemical Company, New York, N. Y. Deodorant paste. 214,047; Mar. 16.
Associated Merchandising Corporation, New York, N. Y. Baggage, particularly valises, satchels, and bags. 225,340; Mar. 16.
Auburn Button Works Incorporated, Auburn, N. Y. Buttons molded from phenolic compounds. 225,101; Mar. 16.
Babani, Maurice, Paris, France. Perfumes, toilet water, talcum powder, etc. 225,637; Mar. 16.
Babcock, A. P., Company, New York, N. Y. Face powders, creams, dentrifices, lip sticks, etc. 226,414; Mar. 16.
Bakelite Corporation, New York, N. Y. Type plates for printing on cloth, paper, etc., knife and tool handles, typewriter parts, etc. 222,427; Mar. 16.
Bakich, A. P., Watsonville, Calif. Fresh apples and pears. 220,989; Mar. 16.
Ballard & Ballard Co., Louisville, Ky. Wheat flour. 224,587–92; Mar. 16.
Barci, Adriano, San Francisco, Calif. Poison-oak lotion, skin lotion, scalp lotion, and mouth wash. 219,215; Mar. 16.
Baronet Extract and Distributing Co. (See Gugenheim, Albert M.)
Battaglino, Joseph, & Sons, Catskill, N. Y. Ginger ale and sirup for making the same. 218,894; Mar. 16.
Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 184,061–2; Mar. 16.
Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 221,347; Mar. 16.
Beaucor Laboratories. (See Pick, Victor.)
Bejem Corporation, The, New York, N. Y. Food preparation containing fish albumen and extract of malt. 226,091; Mar. 16.
Bernhan Chemical & Metal Corp., New York, N. Y. Corn sugar used in tanning. 163,351; Mar. 16.
Betsyknit Company, The. (See Norwich Knitting Co.)
Black, Warren G., doing business as Warren G. Black Company, Cleveland, Ohio. Gasoline. 219,659; Mar. 16.
Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabric in the piece. 226,755–6; Mar. 16.
Bobrow Optical Mfg. Co., Inc., Brooklyn, N. Y. Spectacles, spectacle frames, and parts thereof. 222,659; Mar. 16.
Boehringer, Albert, doing business as C. H. Boehringer Sohn, Nieder-Ingelheim-on-the-Rhine, Germany. Medicaments for treating helminthiasis, powders, tablets, and pills, digitalis, etc. 211,326; Mar. 16.
Branch, James, & Sons, Limited, London, England. Boots, shoes, and slippers. 225,661; Mar. 16.
Braun, Egon, Aktiengesellschaft, Hamburg, Germany. Brandies, liquors, punches, etc. 223,693; Mar. 16.
Brown, Walter P., New Haven, Conn. Hosiery and silk underwear. 220,392; Mar. 16.
Burke, Edmund, Minneapolis, Minn. Automobile heaters. 219,714; Mar. 16.
Cabco Sales Corporation, New York, N. Y. Taxicabs. 220,737; Mar. 16.
Cain, Dr. Wm., Company, Bay St. Louis, Miss. Veterinary remedy for the treatment of Texas or tick fever. 225,701; Mar. 16.
Caroni Praducts Company, Inc., Brooklyn, N. Y. Bitters. 226,473; Mar. 16.
Casmith Remedy Company, also doing business as Smith Remedy Co. Pile remedy. 226,763; Mar. 16.
Cement Block Machinery Company, Newark, N. J. Machines for making cement blocks, concrete blocks, and tile blocks. 224,000; Mar. 16.
Character Studies, Inc., New York, N. Y. Magazines issued quarterly. 226,096; Mar. 16.
Chase, William, & Co., Greenville, Mich. Potatoes in their natural state. 225,551; Mar. 16.
Chemische Fabrik Pott & Co., Dresden, Germany. Preparations for treating textile fasers and fabrics during dyeing and sizing operations. 196,434; Mar. 16.
Cluett, Peabody & Co., Inc., Troy, N. Y. Dress and negligee shirts. 226,229; Mar. 16.
Cohn-Goldwater Manufacturing Co., Los Angeles, Calif. Work and riding clothing, children's play suits, etc. 204,158; Mar. 16.
Coles & Company, New York, N. Y. Berry boxes, fruit boxes, and vegetable boxes of wood. 224,237; Mar. 16.
Colgate & Company, Jersey City, N. J. Talcum powder, perfumes, toilet water, and face powder. 223,310; Mar. 16.
Colgate & Company, Jersey City, N. J. Perfumes, perfumed powders, and toilet water. 226,047; Mar. 16.
Collegian Underwear Co., New York, N. Y. Underwear for men and boys. 218,292; Mar. 16.
Commercial Shirt Corp., The, New York, N. Y. Outer dress, negligee, sport, and work shirts. 222,730; Mar. 16.
Cookerow, Martin W., doing business as Quaker Maid Products Company, Washington, D. C. Insecticide, disinfectant, and deodorant. 226,232; Mar. 16.
Cornish, Guy S., doing business as The Protexo Products Company, Cincinnati, Ohio. Chemicals for testing alcohol. 226,716; Mar. 16.
Creamery Package Mfg. Company, The, Chicago, Ill. Creamery machinery comprising combined churns and butterworkers. 218,900; Mar. 16.
Creolin Co., The, Rahway, N. J. Disinfectants, deodorants, and germicides. 224,597; Mar. 16.
Danger Trail, Inc., The, New York, N. Y. Monthly magazine. 227,063; Mar. 16.
Dayton Company, The, Minneapolis, Minn. Monthly publication. 226,887; Mar. 16.
Dees, Charles W., Ellensburg, Wash. Antiseptic liquid court plaster. 224,450; Mar. 16.
Dempster Mill Manufacturing Company, Beatrice, Nebr. Windmills and repair and replacement parts therefor. 225,006; Mar. 16.
Dennison Manufacturing Company, Framingham, Mass. Tags, cards, seals, and cut-outs. 226,337–8; Mar. 16.
Dennison Manufacturing Company, Framingham, Mass. Tags, cards, seals, and cut-outs. 226,419; Mar. 16.
Dill Company, Inc., The, Norristown, Pa. Toilet articles. 221,244; Mar. 16.
Dixie Underwear Co., Inc., Montgomery, Ala. Underwear, hosiery, sweaters, and bathing suits. 221,099; Mar. 16.
Donahoe's Inc., Pittsburgh, Pa. Canned vegetables, canned oysters, and eggs sold in boxes. 225,954; Mar. 16.
Don-O-Lac Co. Inc., The, Rochester, N. Y. Varnishlike liquid for cedarizing wood. 224,551; Mar. 16.
Drake Corporation, Norfolk, Va. Warp dressings. 204,545; Mar. 16.
Dygas, Aniela, Chicago, Ill. Medicine for rheumatism, chronic and acute, and rheumatic pains. 225,918; Mar. 16.
Ellison, John B., & Sons, Philadelphia, Pa. Fabrics made from wool, worsted, cotton, or mixtures thereof. 216,899; Mar. 16.
Embossing Company, The, Albany, N. Y. Modeling set for children. 189,888; Mar. 16.
Empire Silk Company, Wilmington, Del., and New York, N. Y. Silk piece goods. 207,234; Mar. 16.
Fenton Label Co., Inc., Philadelphia, Pa. Gummed labels. 227,007; Mar. 16.
Ferolene Sales Co., Kansas City, Mo. Preparations for cleaning and lubricating ferrotype tins. 225,162; Mar. 16.
Forst, Jacob, Packing Company, Inc., Kingston, N. Y. Smoked pork tenderloins. 214,543; Mar. 16.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 204,599; Mar. 16.

Freeman, Albert, New York, N. Y. Tobacco pipes. 221,052; Mar. 16.
G. & E. Trading Corp., New York, N. Y. Malt extracts and malt hop extracts. 219,391; Mar. 16.
Garland Hosiery Mills. (See Sarfert, Chas.)
Gemco Manufacturing Company, Milwaukee, Wis. Shock absorber for motor vehicles. 222,787; Mar. 16.
Generaldirektion der Oesterreichischen Tabakregie, Vienna, Austria. Chewing tobacco, smoking tobacco, snuff, cigars, and cigarettes. 214,355; Mar. 16.
Glore & Rick, San Diego, Calif. Fresh vegetables. 226,353; Mar. 16.
Gotham Knitting Mills, New York, N. Y. Bathing suits. 226,425; Mar. 16.
Granger & Co., Buffalo, N. Y. Coffee. 209,785; Mar. 16.
Grant, W. T., & Co. (See Tobacco Rehandling Co., Ltd.)
Grossman, Joseph, doing business as Knadum Company, Steubenville, Ohio. Scratch food for poultry. 224,704; Mar. 16.
Gugenheim, Albert M., doing business as Baronet Extract and Distributing Co., Baronet Co., and Baronet Distributing Co., Cincinnati, Ohio. Rubbing alcohol. 225,712; Mar. 16.
Haartz, J. C., Co., New Haven, Conn. Waterproof fabric. 224,456; Mar. 16.
Haffenreffer & Co. (See New England Brewing Co.)
Haggar, Joseph, Dallas, Tex. Work shirts, pants, and overalls. 221,056; Mar. 16.
Halperin, Nathan, doing business as Halperin Mills, Brooklyn, N. Y. Artificial-silk knitted fabric. 208,703; Mar. 16.
Halperin, Nathan, doing business as Halperin Mills, Brooklyn, N. Y. Artificial-silk knitted fabric. 208,705; Mar. 16.
Hamblin, Ed., jr., Woodward, Okla. Preparation for use in the treatment of rail cloth of pool tables. 226,140; Mar. 16.
Handipak Company, Inc., New York, N. Y. Cigarette boxes or cartons. 225,920; Mar. 16.
Harrison, Samuel R., Bel Air, Md. Lubricating greases, lubricating and fuel oils, and liquid motor fuels. 224,870; Mar. 16.
Hart & Company, The, Cleveland, Ohio. Hats for women and children. 222,068; Mar. 16.
Hart & Crouse Company, Utica, N. Y. Boilers and coal furnaces. 216,098; Mar. 16.
Hatherley, Ethel M., Chicago, Ill. Flavoring filling for cakes and desserts. 224,561; Mar. 16.
Hecker, Fred C., New York, N. Y. Coffee. 222,612; Mar. 16.
Helstrom, Hugo, doing business as The Helstrom Candy Co., Chicago, Ill. Candy. 218,966; Mar. 16.
Hercules Knitting Co., Inc., New York, N. Y. Bathing suits. 225,424; Mar. 16.
Holland-Rantos Co., Inc., New York, N. Y. Hygienic preparations for the treatment and prevention of vaginal catarrh and other female disorders. 226,654; Mar. 16.
Hood, John D., doing business as Hood's Herb Remedies, Bayonne, N. J. Preparation for the treatment of indigestion, bloating, heartburn, etc. 225,714; Mar. 16.
Horstmann, Wm. H., Company, Philadelphia, Pa. Sweaters, shawls, skirts, slips, etc. 209,294; Mar. 16.
Illinois State Journal, Springfield, Ill. Daily newspaper. 226,003; Mar. 16.
Indianapolis Fancy Grocery Co., Indianapolis, Ind. Canned vegetables and fruits, etc. 226,655; Mar. 16.
International Buyer's Service Inc., New York, N. Y. Tubular metallic cases for receiving rolled cards. 226,004; Mar. 16.
International Pulp Co., New York, N. Y. Pulverized minerals. 225,717; Mar. 16.
Intravenous Products Company of America, Inc., New York, N. Y. Intravenous solutions for anæmia, rheumatism, etc. 218,645; Mar. 16.
Italian-Swiss Colony, San Francisco, Calif. Grape juice. 224,662; Mar. 16.
Ivy Corset Company, Worcester, Mass. Hosiery. 224,663; Mar. 16.
Janov, I., and Co., Hazleton, Pa. Shirts, pyjamas, and nightgowns. 218,415; Mar. 16.
Janov, I., & Company, Hazleton, Pa. Shirts. 226,104; Mar. 16.
Jentzsch, Wilhelm, Dresden, Germany. Effervescing lemonade bonbons. 224,190; Mar. 16.
KKK Medicine Company, Keokuk, Iowa. Food-flavoring extracts. 219,124; Mar. 16.
Kaatze, D. W., Co. Inc., Brooklyn, N. Y. Bloomers. 226,659; Mar. 16.
Kasdum Company. (See Grossman, Joseph.)
Kennedy, Preston, Binghamton, N. Y. Mixers for use in furnaces for facilitating the consumption of coal gas. 189,461; Mar. 16.
Knox, James E., doing business as Nilene Laboratories, New York, N. Y. Medicine for the treatment of menstrual disorders. 226,856; Mar. 16.
Kominsky, Meyer, doing business as Preston Co., New York, N. Y. Face powders, face creams, rouges, perfumes, etc. 226,151; Mar. 16.
Kosloff, I., and Sons, New York, N. Y. Candy. 224,008; Mar. 16.
Kupferman, Chas. A., doing business as Undasilks Company, New York, N. Y. Ladies' textile-fabric underwear. 224,872; Mar. 16.
Lafayette-South Side Bank of St. Louis, St. Louis, Mo. Periodical publication and magazine. 226,291; Mar. 16.
Lankenau, John R., Co., Boston, Mass. Textile fabrics stamped with embroidery patterns. 217,519; Mar. 16.
Larimore Laboratories, Inc., New York, N. Y. Toilet water, rouge, talcum and face powders, etc. 213,978; Mar. 16.
Larson, Joseph H., doing business as Larson Insecticide Company, Detroit, Mich. Insecticides. 223,098; Mar. 16.
Lecaron Fils, doing business as Parfumerie Gelle Freres, Paris, France. Toilet preparations. 225,427; Mar. 16.
Le Jolie Main, Inc., New York, N. Y. Nail polishes, perfumes, and face and talcum powders. 225,428; Mar. 16.
Les Etablissements Poulenc Freres, Paris, France. Pomatum with a base of propidon vaccine. 203,621; Mar. 16.
Les Etablissements Poulenc Freres, Paris, France. Novarsenbenzol in tablet form. 203,623; Mar. 16.
Les Etablissements Poulenc Freres, Paris, France. Theobromineetate of soda. 203,624; Mar. 16.
Levering, Arthur C., Riderwood, Md. Dentifrices. 226,294; Mar. 16.
Libby, McNeill & Libby, Chicago, Ill. Canned comminuted meats, sandwich spread, and comminuted form of food products prepared from meats flavored with vegetables and spices. 225,612; Mar. 16.
Lion Match Co., Inc., New York, N. Y. Matches. 225,614; Mar. 16.
Loewenstein, Hermann, New York, N. Y. Finished goatskins and calfskins and cowhide. 225,563; Mar. 16.
Longbottom Pipe Company. (See Rendall, Williams H.)
Louray Company, The, Grand Rapids, Mich. Bath crystals. 221,371; Mar. 16.
Luft, George W., Company, Inc., The, New York and Long Island City, N. Y. Day creams, night creams, and cleansing creams. 223,852; Mar. 16.
Lustre Chemical Corporation, Rochester, N. Y. Cleansing preparations for kitchen, household, and laundry uses. 208,058; Mar. 16.
Lyon & Lyon, Chicago, Ill. Hairdressings. 227,026; Mar. 16.
Macy, R. H., & Co., Inc., New York, N. Y. Boys' suits, overcoats, bath robes, and lounging robes. 225,565; Mar. 16.
Mallinckrodt Chemical Works, St. Louis, Mo. Tetrabromphenolphthalein sodium salt. 222,469; Mar. 16.
Mallinckrodt Chemical Works, St. Louis, Mo. Tetraiodphenolphthalein sodium salt. 222,470; Mar. 16.
Mari Trudeaus Co., St. Paul, Minn. Perfumes, toilet water, hair tonics, nail polish, etc. 224,569; Mar. 16.
Marshall Field & Company, Chicago, Ill. Children's nainsook union suits. 226,051; Mar. 16.
Martin, F. S., & Company, Omaha, Nebr. Coal. 225,669; Mar. 16.
Master Builders Company, The, Cleveland, Ohio. Colored cement, coloring for cement and mortar, materials for dustproofing cement floors, etc. 209,169; Mar. 16.
Masury-Young Company, Charlestown, Mass. Oil and liquid soaps, soap powder, etc. 221,754; Mar. 16.
Maté, Inc., Philadelphia, Pa. Face creams, powders, and packs, toilet waters, rouges, etc. 226,295; Mar. 16.
Maté, Inc., Philadelphia, Pa. Face creams, powders, dentifrices, perfumes, bath salts, etc. 226,297; Mar. 16.
Maynard & Child, New York, N. Y. Apples. 224,522; Mar. 16.
McCormack, James A., New York, N. Y. Hairbrushes. 224,715; Mar. 16.
McMahon, John R., Des Moines, Iowa. Vehicle signals of a mechanical nature. 204,972; Mar. 16.
Melrath, Earle R., doing business as Melrath Supply and Gasket Company, Philadelphia, Pa. Sheet water and oil packing and gaskets made therefrom. 225,671; Mar. 16.
Melvin, Robert C., San Francisco, Calif. Baby's bib. 225,024; Mar. 16.
Merrell, Wm. S., Company, The, Cincinnati, Ohio. Emulsion of cod-liver oil. 226,818; Mar. 16.
Mets, H. A., & Co., Inc., New York, N. Y. Solvents for cellulose esters. 225,833; Mar. 16.
Midwest Grocery Co., Kansas City, Mo. Increasing the production of eggs and for the treatment of cholera, gnpe, etc., and other diseases of poultry. 226,729; Mar. 16.
Miller, I., & Sons, Inc., Long Island City, N. Y. Shoes, slippers, overshoes, heels, and shoe findings, etc. 217,036; Mar. 16.
Miller, I., & Sons, Inc., Long Island City, N. Y. Shoes, slippers, heels, and shoe findings, etc. 217,038; Mar. 16.
Miller, Julius, doing business as Uca-Form Sales Company. Medicated gum for treatment of head colds, catarrh, etc. 226,592; Mar. 16.
Minneman, Edward G., Richmond, Ind. Pie trimmers and crimpers. 221,764; Mar. 16.
Monohon, Earl F., Santa Monica, Calif. Valve grinders. 222,082; Mar. 16.

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Motorite, Inc., Provo, Utah. Gasoline as a motor fuel. 226,437; Mar. 16.
Mulford, H. K., Company, Philadelphia, Pa. Remedy for ivy poison. 224,289; Mar. 16.
Munyon Remedy Company, Scranton, Pa. General Tonics. 226,598; Mar. 16.
NEA Service, Inc., Cleveland, Ohio. Humor column. 226,364; Mar. 16.
Neupakaer Baumwollspinnerei & Weberei Gottlelb Schnabel, Nova Paka, Czechoslovakia. Cotton textile fabrics. 216,925; Mar. 16.
Neve's Incorporated, Los Angeles, Calif. Chocolates in bulk and packages, chocolate creams, marshmallows, cream bars, etc. 224,525; Mar. 16.
Newark Newsdealers Supply Co., Incorporated, Newark, N. J. Annual magazine. 226,887; Mar. 16.
New England Brewing Co., doing business as Haffenreffer & Co., Boston, Mass. Cereal malt beverage. 225,131; Mar. 16.
New England Newspaper Publishing Company, Boston, Mass. Newspaper articles. 225,572; Mar. 16.
New Jersey Brush Company, Bloomfield, N. J. Household brushes. 215,471; Mar. 16.
Newman, Leslie B., doing business as Pagoda Furniture Company, San Francisco, Calif. High-grade reed, rattan, and seagrass chairs, settees, and tables. 221,499; Mar. 16.
New York Corrugated Case Co., Inc., Brooklyn, N. Y. Pasteboard shipping containers having corrugated air-cushion pads. 225,027; Mar. 16.
Niiene Laboratories. (See Knox, James E.)
Noodelman, Morris, doing business as Pioneer Paper Stock Company, Minneapolis, Minn. Wiping cloths and cloth dusters. 224,879; Mar. 16.
Norwich Knitting Co., doing business as The Betsyknit Company, Norwich, N. Y. Ladies' undergarments. 226,556; Mar. 16.
Nu-Lax Mfg. Co., New York, N. Y. Laxative gumdrops 225,377; Mar. 16.
Oakland Foundry Company, Belleville, Illinois. Coal furnaces. 221,197; Mar. 16.
Oke, William G., Fulwell, England. Golf clubs. 212,196; Mar. 16.
Oriental Music Shop, Inc., doing business as Oriental Record and Talking Machine Co., New York, N. Y. Records for phonograph instruments and the like. 220,913; Mar. 16.
Packard, Edwin T., Los Angeles, Calif., Dallas, Tex., Boston, Mass., and Oakland Beach, R. I. Polishes for automobile bodies, pianos, etc. 220,673; Mar. 16.
Pagoda Furniture Company. (See Newman, Leslie B.)
Palmer, Son, New York, N. Y. Toilet preparations. 226,508; Mar. 16.
Paragon Laboratories, Inc., Newark, N. J. Hair colorings, hair tints, and hair dyes. 224,526; Mar. 16.
Parfumerie Gelle Freres. (See Lecaron Fils.)
Peckham-Foreman Inc., New York, N. Y. Bathing suits both one piece and two piece, juvenile bathing suits, bathing shirts, etc. 224,926; Mar. 16.
Peet Brothers Company, Kansas City, Kans. Radiator glycerin. 224,421; Mar. 16.
Penn Vinegar Company, Pittsburgh, Pa. Jelly, fruit preserves, mustard, cider vinegar, etc. 217,359; Mar. 16.
Peterson, O. R., Co. Inc., San Francisco and Los Angeles, Calif. Axles, brakes, fenders, etc. 221,636; Mar. 16
Pfeiffer, Albert J., Inc., New York, N. Y. Silk yarns and yarns of silk and rayon mixture. 225,801; Mar. 16
Philadelphia Knitting Mills Company, Philadelphia, Pa. Hosiery. 225,379; Mar. 16.
Pick, Victor, doing business as Beaucor Laboratories Los Angeles, Calif. Face lotions, face powder, dental cream, bath salts, etc. 226,679; Mar. 16.
Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo. Lubricating oils and greases and gasoline. 224,423; Mar. 16.
Pierre, Dr., Chemical Co., Chicago, Ill. Suppositories for prevention and alleviation of diseases of the pelvic organs peculiar to women. 222,872–3; Mar. 16.
Pierre, Dr., Chemical Co., Chicago, Ill. Suppositories for the prevention and alleviation of diseases of the pelvic organs peculiar to women. 222,876; Mar. 16.
Pioneer Paper Stock Company. (See Noodelman, Norris.)
Pioneer Rubber Mills, San Francisco, Calif. Piston packing. 207,145; Mar. 16.
Pioneer Rubber Mills, San Francisco, Calif. Garden and steam hose, transmission belting, and piston packing. 224,202; Mar. 16.
Pittsburg and Midway Coal Mining Company, The, Kansas City, Mo. Coal. 225,674; Mar. 16.
Pomaret, Dr. M., Paris, France. Pharmaceutical product adapted for the treatment of syphilis. 225,522; Mar. 16.
Posner Hosiery, Inc., New York, N. Y. Juvenile wear and hosiery. 226,019; Mar. 16.
Pransky, David L., Philadelphia, Pa. Hosiery, shirts, overalls, and gloves. 169,822; Mar. 16.
Premier Warm Air Heater Company, Dowagiac, Mich. Coal stoves and furnaces for warm-air heating. 207,402; Mar. 16.
Preston Co. (See Kominsky, Meyer.)
Protexu Products Company, The. (See Cornish, Guy S.)
Putnam, Robert E., New Iberia, La. Rice. 220,866; Mar. 16.
Quaker Maid Products Company. (See Cookerow, Martin W.)
Red Owl Stores, Incorporated, Minneapolis, Minn. Canned fruits and vegetables. 220,806; Mar. 16.
Register and Tribune Company, The, Des Moines, Iowa. Newspaper items. 227,138; Mar. 16.
Reliance Paper Co., Marinette, Wis. Aprons, bibs, paper slippers, etc. 219,203; Mar. 16.
Rendall, William H., doing business as Longbottom Pipe Company, New York, N. Y. Cigars, cheroots, little cigars, cigarettes, etc. 223,548; Mar. 16.
Richardson Corporation, Rochester, N. Y. Root-beer sirup and root beer made from such sirup. 225,203; Mar. 16.
Ridenour-Bayley Drug Co., Inc., The, Lima, Ohio. Preparation for the treatment of sciatica, colds, la grippe, etc. 224,294; Mar. 16.
Rieling Automobile Company, St. Louis, Mo. Automobiles. 224,988; Mar. 16.
Rieger, Ernest A., New York, N. Y. Silk piece goods. 226,211; Mar. 16.
Ringer Products Co., New York, N. Y. Toothache treatment. 226,979; Mar. 16.
Robitshek-Robbins Co., Minneapolis, Minn. Fur coats. 222,944; Mar. 16.
Rogers, H. A., Co., Minneapolis, Minn. Clay preparation used as a surface covering. 222,996; Mar. 16.
Rosen & Jacoby, New York, N. Y. Doll wigs. 224,931; Mar. 16.
Roth Shoe Mfg. Company, The, Cincinnati, Ohio. Women's shoes. 215,270; Mar. 16.
Roundup Grocery Company, Spokane, Wash. Canned salmon. 226,689; Mar. 16.
Rowell, W. P., & Son Inc., Worcester, Mass. Men's dress shirts. 226,868; Mar. 16.
Ryan-Hampton Tobacco Co., Louisville, Ky. Chewing tobacco. 225,449–51; Mar. 16.
St. Pierre Chain Corporation, Worcester, Mass. Cross chains for automobile tires. 225,685; Mar. 16.
Saks & Company, New York, N. Y. Tennis shoes made of fabric and rubber. 225,619; Mar. 16.
Sarfert, Chas., doing business as Garland Hosiery Mills, Philadelphia, Pa. Children's stockings. 226,018; Mar. 16.
Schieren, Chas. A., Company, New York, N. Y. Fan belts. 216,435; Mar. 16.
Schmieg, Hungate & Kotzian, Inc., New York, N. Y. Household and office furniture. 222,194; Mar. 16.
Schuster, Ed., & Co. Inc., Milwaukee, Wis. Hosiery. 226,025; Mar. 16.
Schweickert & Baas, Inc., Brooklyn, N. Y. Beverages sold as soft drinks. 224,730; Mar. 16.
Schwencke's Laboratories, Brooklyn, N. Y. Cough mixtures. 226,743; Mar. 16.
Scott, Walter B., Marblehead, Mass. Wooden toys. 221,571; Mar. 16.
Sears, Roebuck and Co., Chicago, Ill. Hosiery. 226,307; Mar. 16.
Sehon, Stevenson & Co., Huntington, W. Va. Canned fruits, vegetables, food-flavoring extracts, etc. 224,057; Mar. 16.
Self Service Millinery Stores, Inc., Woodhaven, N. Y. Ladies' hats. 223,259; Mar. 16.
Smith, Gormly Co., Inc., Rochester, N. Y. Hosiery, underwear, sweaters, and men's and children's shirts, pants, and overalls. 223,874; Mar. 16.
Smith Remedy Co. (See Casmith Remedy Company.)
Smithline, Sydney, doing business as The Three 3 Indians Herb-Gardens, New York, N. Y. Herb remedies in tablet and liquid form for the relief of gas indigestion, liver complaints, eczema, etc. 225,204; Mar. 16.
Spruance, Frederick D., Philadelphia, Pa. Lingerie. 222,412; Mar. 16.
Standard Medical Co., Lansford, Pa. Insecticide. 226,834; Mar. 16.
State Textile Corporation, New York, N. Y. Hosiery. 225,493; Mar. 16.
Steiner & Son, Inc., Asbury Park, N. J. Pyjamas. 215,888; Mar. 16.
Stelos Company, Inc., The, Washington, D. C. Needles for repair work (by hand). 226,028; Mar. 16.
Stratford Costumes, Inc., New York, N. Y. Ladies' and misses' dresses. 214,755–6; Mar. 16.
Strathmore Fruit Growers Association, Strathmore, Calif. Fresh citrous fruit. 223,058; Mar. 16.
Straus, Nathan, & Sons, Inc., New York, N. Y. Chinaware. 213,364; Mar. 16.
Superior Hard Rubber Company, Butler, N. J. Rubber syringes. 214,980; Mar. 16.
Sweet-Orr Co., Inc., Wappingers Falls and New York, N. Y. Pants, overalls, apron overalls, and jackets. 226,607; Mar. 16.
Syra-Bord Rubber Flooring Corporation, The, Syracuse, N. Y. Rubber flooring. 225,624; Mar. 16.
Syracuse Dry Goods Company, Syracuse, N. Y. Dress shirts. 226,450; Mar. 16.

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Taylor, Thos. P., Co., The, Bridgeport, Conn. Corset waists, pyjamas, rompers, blouses, etc. 225,453; Mar. 16.
Temple Garden Tea Company, Atlanta, Ga. Insecticide. 226,697; Mar. 16.
Texas Citrus Fruit Growers Exchange, Mission, Tex. Grapefruit, satsumas, tangerines, etc. 221,145; Mar. 16.
Texas Citrus Fruit Growers Exchange, Mission, Tex. Fresh citrous fruits. 221,289; Mar. 16.
Texas Citrus Fruit Growers Exchange, Mission, Tex. Grapefruit, tangerines, oranges, etc. 221,290–1; Mar. 16.
Tex-A-Tone Chemical Company, Texarkana, Tex. Medicines for use in kidney and bladder ailments. 224,997; Mar. 16.
Thomas Products, Inc., Boston, Mass. Serviettes. 223,815–22; Mar. 16.
Thompson, Henry C., Hartford, Conn., assignor to The Thompson Specialties, Inc., Springfield, Mass. Cements. 205,247; Mar. 16.
Three 3 Indians Herb-Gardens, The. (See Smithline, Sydney.)
Tobacco Rehandling Co., Ltd., Inc., The, doing business as W. T. Grant & Co., Louisville, Ky. Leaf tobacco. 222,869; Mar. 16.
Toledo Rex Spray Company, The, Toledo, Ohio. Rodent exterminator. 226,987–8; Mar. 16.
Trix Perfumers, New York, N. Y. Nail polishes and nail-polish removers. 226,836; Mar. 16.
Tru-Blu Biscuit Company, Spokane, Wash. Candy. 224,583; Mar. 16.
Tufoak Products Co., Oakland, Calif. Rubberized gloves, aprons, leggings, and men's rubberized coats. 212,409; Mar. 16.
Uca-Form Sales Company. (See Miller, Julius.)
Undasilks Company. (See Kupferman, Chas. A. Co.)
United States Envelope Company, Springfield, Mass. Merchandise envelopes and paper drinking cups. 202,470; Mar. 16.
Universal Gypsum Company, Chicago, Ill. Hair-fibered plaster. 204,734; Mar. 16.
Valentin Blatz Brewing Company, Milwaukee, Wis. Malt sirup for food purposes. 225,428; Mar. 16.
Van Pelt & Brown, Richmond, Va. Medicine for use in the treatment of constipation. 225,898; Mar. 16.
Van Raalte Co. Inc., New York, N. Y. Combination undergarments of knitted silk fabric. 225,456; Mar. 16.
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Vermifuge. 225,328; Mar. 16.
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Arnica liniment. 225,329; Mar. 16.
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Femenina, a medicinal preparation for female ailments. 225,330; Mar. 16.
Van Vleet-Mansfield Drug Co., Memphis, Tenn. Cordial for use for cholera morbus, diarrhea, colic, and looseness of the bowels. 225,332; Mar. 16.
Vasco Products Incorporated, Washington, D. C. Toilet preparation. 224,437; Mar. 16.
Wahl, Manfred, Philadelphia, Pa. Pure culture or ferment employed in the production of cereal beverages. 224,586; Mar. 16.
Walker, Cyrus M., Kansas City, Mo. Men's textile-fabric union suits and underwear. 226,179; Mar. 16.
Walnut Fruit Growers Association, Walnut, Calif. Oranges, lemons, grapefruit. 217,434; Mar. 16.
West Salem Canning Co., West Salem, Wis. Canned vegetables. 220,053; Mar. 16.
West Salem Canning Company, The, West Salem, Wis. Canned vegetables. 225,853; Mar. 16.
Wetmore, Willard C., New York, N. Y. Tables. 220,692; Mar. 16.
Whistle Bottling Company, Johnsonburg, Pa. Washing and cleaning compound in crystal form. 215,663; Mar. 16.
Whistle-Deep Rock Corporation of New York, New York, N. Y. Ginger ale. 210,334; Mar. 16.
Wiedeke, Gustave, Co., Dayton, Ohio. Tube and flue expanders, cutters, and beading tools. 209,013; Mar. 16.
Wilde, W. B., Co., Peoria, Ill. Fuel-burning devices. 218,678; Mar. 16.
Wilson Coffee Co., Fort Smith, Ark. Coffee. 226,704; Mar. 16.
Wilson & Glenny, Limited, Hawick, Scotland. Clothing made from woven, knitted, netted, and textile fabrics. 218,349; Mar. 16.
Wilson-Spear Co., Los Angeles, Calif. Boiler composition to prevent deleterious action of water when used in steam boilers. 226,269; Mar. 16.
Winter, Alexander, and Sons, Bath Pistany, Czechoslovakia. Mineral medical products employed in the treatment of gout, rheumatism, lumbago, etc. 215,287–8; Mar. 16.
Wolf, Sidney J., San Francisco, Calif. Monthly magazine. 226,525; Mar. 16.
Worth, Inc., New York, N. Y. Ladies', misses', and children's hats, shoes, ladies' leather and fabric gloves and waists. 222,905; Mar. 16.
Zurkow & Son, Incorporated, New York, N. Y. Men's and boys' suits, coats, trousers, overcoats, and raincoats. 226,757; Mar. 16.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Boots and shoes and leather used in their manufacture. Rice & Hutchins, Incorporated. 51,848; renewed Apr. 24, 1926.
Boots and shoes and leather used in their manufacture. Rice & Hutchins, Incorporated. 52,000; renewed May 1, 1926.
Clay, Modeling. Klex Manufacturing Company. 210,351; Mar. 16; Serial No. 221,179; published Dec. 15, 1925.
Coal. C. G. Blake Company. 210,477; Mar. 16; Serial No. 219,572; published Dec. 22, 1925.
Coal. Blue Beaver Coal Co. 210,528; Mar. 16; Serial No. 188,358; published Dec. 29, 1925.
Coal. Easterbrook Coal Company. 210,384; Mar. 16; Serial No. 222,603; published Dec. 29, 1925.
Coal. Himyar Coal Company. 210,605; Mar. 16; Serial No. 221,609; published Dec. 15, 1925.
Coal. Pocahontas Fuel Company. 210,350; Mar. 16; Serial No. 221,204; published Dec. 15, 1925.
Coal. Bay County Coal Co. 210,519; Mar. 16; Serial No. 221,977; published Dec. 22, 1925.
Coal. Richvein Coal Company. 210,608; Mar. 16; Serial No. 221,717; published Dec. 22, 1925.
Coal. Stahmer Coal Company. 210,630; Mar. 16.
Coal and coke. E. Ambler. 210,460; Mar. 16; Serial No. 208,888; published Dec. 22, 1925.
Facings, Foundry. United States Graphite Co. 54,026; renewed June 19, 1926.
Hematite, magnetite, and ground iron ores, Ground. Pfaits & Bauer, Inc. 210,595; Mar. 16; Serial No. 221,335; published Dec. 29, 1925.
Leather. Monarch Leather Company. 210,433; Mar. 16; Serial No. 216,199; published Dec. 15, 1925.
Pitch. Warren-Ehret Company. 50,085; renewed Mar. 6, 1926.
Rubber, Restored or devulcanized. Philadelphia Rubber Works. 49,481; renewed Feb. 6, 1926.
Sand. Del Monte Properties Company. 210,612; Mar. 16; Serial No. 220,275; published Dec. 15, 1925.

CLASS 2.

Bags for cement, etc. Jaite Company. 210,365; Mar. 16; Serial No. 222,984; published Jan. 5, 1926.
Bowls, Wooden ice. C. H. Harr. 210,658; Mar. 16.
Boxes, tea caddies, card trays, etc., Trinket, sweet, and biscuit. Erhard & Söhne A. G. 210,500; Mar. 16; Serial No. 218,614; published Nov. 17, 1925.
Paper, paper bags and sacks, Wrapping. Hollingsworth & Whitney Company. 50,651; renewed Mar. 27, 1926.
Wire goods. Oakville Company. 27,754; renewed Feb. 4, 1926.

CLASS 3.

Pocketbooks, Leather. H. F. Kahn. 210,640; Mar. 16.

CLASS 4.

Cleaner, Liquid glass. C-It Products Corporation. 210,618; Mar. 16; Serial No. 220,498; published Dec. 15, 1925.
Cleaning compounds, buffs, polishing and emery wheels, Metal-. Bruce Products Corporation. 210,590; Mar. 16; Serial No. 222,219; published Dec. 15, 1925.
Cleaning fluid. Griffin Manufacturing Co. 210,467; Mar. 16; Serial No. 222,219; published Dec. 15, 1925.
Detergents, Dry-cleaning. American Disinfecting Company. 210,592; Mar. 16; Serial No. 222,774; published Dec. 15, 1925.
Dressing, Belt. Stephenson Mfg. Co. 51,251; renewed Apr. 10, 1926.
Oilstones and sharpening and abrasive stones. A. Goodrich, Manufacturer, Inc. 210,505; Mar. 16; Serial No. 219,533; published Nov. 3, 1925.
Preparation for softening and strengthening leather. Amid Duron Company. 210,596; Mar. 16; Serial No. 221,344; published Dec. 15, 1925.
Preparations and wash blue, Cleaning and polishing. Friedrich A. Schulz and Gustave A. Philipp. 28,021; renewed Mar. 24, 1926.

Preparations for cleaning, etc., leather and enameled goods. E. Brown & Son (Blacking and Boot Polish Manufacturers) Ltd. 210,469; Mar. 16; Serial No. 219,027; published Dec. 15, 1925.
Razor strops. Koken Companies. 210,362; Mar. 16; Serial No. 222,128; published Dec. 15, 1925.
Soap. James S. Kirk & Company. 210,436; Mar. 16; Serial No. 215,745; published Dec. 15, 1925.
Soap. Palmolive Company. 210,594; Mar. 16; Serial No. 222,870; published Dec. 15, 1925.
Soap. John T. Stanley Co. 210,609; Mar. 16; Serial No. 221,786; published Dec. 15, 1925.
Soap, Cleaning and polishing. Marshall Chemical Company. 54,413; renewed June 26, 1926
Soap, Flake. Woodley Soap Manufacturing Company. 210,439; Mar. 16; Serial No. 215,612; published Dec. 15, 1925.
Soap, Toilet. Beaver Soap Company. 210,514; Mar. 16; Serial No. 222,158; published Dec. 15, 1925.
Soaps and cleansers, Liquid, paste, and powder. B. A. Railton Co. 210,428; Mar. 16; Serial No. 216,638; published Aug. 25, 1925.
Starch, starch and borax preparations, etc. Ulmer Reisstarke-Fabrik Heinrich Mack. 28,193; renewed Apr. 28, 1926.
Washing compound. Household Necessity Company. 210,537; Mar. 16; Serial No. 189,937; published Dec. 15, 1925.

CLASS 5.

Glue. American Glue Co. 52,801–2; renewed May 15, 1926.
Glue. American Glue Co. 54,462; renewed June 26, 1926.

CLASS 6.

Ammonia, catchup, and sauces. E. Pritchard. 28,564; renewed July 7, 1926.
Baking powder, cream of tartar, and baking soda. E. R. Durkee & Co. 28,921; renewed Jan. 16, 1926.
Baking powder, cream of tartar, saleratus, and bicarbonate of soda. E. R. Durkee & Co. 53,202; renewed May 29, 1926.
Bird wash, tonic and louse powder, diarrhea remedy for chicks. Burnett's Inc. 210,628; Mar. 16.
Bromide, Preparation of. Peacock Chemical Co. 49,572; renewed Feb. 13, 1926.
Capsules. A. Casséus. 210,638; Mar. 16.
Cough drops. W. W. Smith. 50,947; renewed Apr. 3, 1926.
Creams, Facial and massage. H. J. Titus. 210,650; Mar. 16.
Creams, Skin. D. M. Tunstead. 210,656; Mar. 16.
Dental preparation. C. M. Gearhart. 210,652; Mar. 16.
Dyes. Paas Dye Company. 50,727–8; renewed Mar. 27, 1926.
Dyestuffs. Badische Anilin and Soda Fabrik. 27,944–5; renewed Mar. 10, 1926.
Dyspepsia, Remedy for. Geo. C. Frye. 46,919; renewed Oct. 17, 1925.
Hair restoratives. S. R. Van Duzer. 50,254; renewed Mar. 6, 1926.
Hair restoratives. S. R. Van Duzer. 53,585; renewed June 5, 1926.
Hair restorer. S. R. Van Duzer. 50,255; renewed Mar. 6, 1926.
Hair tonics, stains, removers, and dandruff cures. H. E. Nichols. 53,933; renewed June 12, 1926.
Iodine of quinine and of bismuth, Double. Les Etablissements Poulenc Freres. 210,657; Mar. 16.
Liniment. M. Spiegel. 46,224; renewed Sept. 12, 1925.
Liver, Medicines for diseases of. Peacock Chemical Co. 50,054; renewed Feb. 27, 1926.
Lotion or emulsion for the skin, Liquid. A. S. Hinds. 54,660; renewed June 26, 1926.
Medical preparations for external and internal use. French's Remedies, Limited. 51,951; renewed Apr. 24, 1926.
Medicinal preparation. E. Siebel. 210,651; Mar. 16.
Medicine. Fairchild Bros. & Foster. 50,967; renewed Apr. 3, 1926.
Medicine, Worm. Curtis and Brown Manufacturing Company (Limited). 48,918; renewed Jan. 16, 1926.
Ointment for burns, scalds, etc. J. C. Corder. 210,653; Mar. 16.
Ointment for human use. Trench's Remedies, Limited. 51,950; renewed Apr. 24, 1926.
Pellets, Worm. W. H. Comstock Company, Limited. 47,963; renewed Nov. 28, 1925.
Pills. Allcock Manufacturing Co. 49,559; renewed Feb. 13, 1926.
Pills. Allcock Manufacturing Co. 53,906; renewed June 12, 1926.
Pills. Allcock Manufacturing Co. 54,093; renewed June 19, 1926.
Pills. Allcock Manufacturing Co. 54,303; renewed June 26, 1926.
Pills, Purgative. W. H. Comstock Company, Limited. 49,819; renewed Feb. 20, 1926.
Plasters. Allcock Manufacturing Co. 53,159; renewed May 29, 1926.
Plasters, medical and surgical. Johnson & Johnson. 54,308; renewed June 26, 1926.
Plasters, Medicinal. Allcock Manufacturing Co. 54,302; renewed June 26, 1926.
Plasters, Porous. Allcock Manufacturing Co. 53,969; renewed June 19, 1926.
Potato flour, potato starch, and potato dextrin. Norddeutsche Kartoffelmehl-Fabrik mit beschränkter Haftung. 49,911; renewed Feb. 20, 1926.
Powder, Tooth. Curtis and Brown Manufacturing Company (Limited). 48,751; renewed Jan. 9, 1926.
Preparation, Certain proprietary. Brandreth Company. 27,620; renewed Jan. 7, 1926.
Preparation for the treatment of colds and ailments of the respiratory organs. J. D. Sugaski. 210,627; Mar. 16.
Preparation of hydrochloric acid in combinations with proteid. Fairchild Bros. & Foster. 50,968; renewed Apr. 3, 1926.
Preparations, Emulsified. A. H. Dayton and G. T. Wigmore, administrators of James O. May, deceased. 53,913; renewed June 12, 1926.
Preparations, Hæmostatic, astringent, blood-pressure raising, and stimulating. Parke, Davis & Co. 53,934; renewed June 12, 1926.
Remedies, Certain named. Majert & Ebers. 27,896; renewed Mar. 3, 1926.
Remedies for skin diseases. Knoll & Co. 27,785; renewed Feb. 11, 1926.
Remedy for certain named diseases. S. H. E. Hayden. 54,619; renewed June 26, 1926.
Remedy for internal or external use. Curtis and Brown Manufacturing Company (Limited). 48,680; renewed Jan. 9, 1926.
Remedy for the cure of rheumatism and gout. E. Bischoff. 53,086; renewed Mny 22, 1926.
Rouges and lip sticks. H. J. Titus. 210,643; Mar. 16.
Salt. California Rock Salt Co. 210,647; Mar. 16.
Salve, Eye. J. P. Hayter. 28,280; renewed May 19, 1926.
Salves. Wi-da-me Company. 48,960; renewed Jan. 16, 1926.
Salves, liniments, and porous strengthening plasters. E. Dort. 54,304; renewed June 26, 1926.
Serums. P. Yvon. 54,693; renewed June 26, 1926.
Sirup, Worm. Dr. C. A. Voorhees Estate. 49,581; renewed Feb. 13, 1926.
Starch and textrin. Norddeutsche Kartoffelmehl-Fabrik mit beschränkter Haftung. 49,667; renewed Feb. 13, 1926.
Starch and starch preparations. Ulmer Reisstarke-Fabrik Heinrich Mack. 28,192; renewed Apr. 28, 1926.
Tonic to the nerve and brain cells and genito-urinary organs, etc., Reconstructive. F. W. Gregg. 210,634; Mar. 16.
Tooth paste. Johnson & Johnson. 50,378; renewed Mar. 13, 1926.
Wash, Mouth and tooth. H. K. Mulford Company. 54,618; renewed June 26, 1926.
Witch-hazel compound, insecticides, disinfectants. Standard Veterinary Products Co. 210,636; Mar. 16.

CLASS 7.

Twine. R. C. Hyland. 210,386; Mar. 16; Serial No. 220,781; published Dec. 15, 1925.
Twine. R. C. Hyland. 210,387; Mar. 16; Serial No. 220,778; published Dec. 15, 1925.

CLASS 8.

Cigarette boxes, ash trays, pipe racks, tobacco jars, etc. Erhard & Söhne A. G. 210,563; Mar. 16; Serial No. 218,615; published Nov. 17, 1925.

CLASS 9.

Pistols. Colt's Patent Fire Arms Manufacturing Company. 49,430; renewed Feb. 6, 1926.
Pistols. Colt's Patent Fire Arms Manufacturing Company. 50,125; renewed Mar. 6, 1926.
Pistols. Colt's Patent Fire Arms Manufacturing Company. 50,400; renewed Mar. 20, 1926.
Pistols. Colt's Patent Fire Arms Manufacturing Company. 50,584–5; renewed Mar. 27, 1926.
Pistols. Colt's Patent Fire Arms Manufacturing Company. 52,903–4; renewed May 22, 1926.
Pistols, revolvers, rifles, guns, ammunition, etc. Rheinische Metallwaaren-und Maschinenfabrik. 210,341–2; Mar. 16; Serial No. 202,953–4; published June 16, 1925.
Shells for use in shotguns. Winchester Repeating Arms Company. 28,463; renewed June 23, 1926.
Shotguns and rifles. Winchester Repeating Arms Co. 52,927; renewed May 22, 1926.
Shotguns and rifles. Winchester Repeating Arms Co. 53,994; renewed June 19, 1926.

CLASS 10.

Fertilizers. Southern Fertilizer & Chemical Company. 210,591; Mar. 16; Serial No. 221,979; published Dec. 29, 1925.

CLASS 11.

Ink for stencil addressing machines. Rapid Addressing Machine Company. 210,540; Mar. 16; Serial No. 222,401; published Dec. 29, 1925.
Ink, Writing. S. Lichfield. 210,503; Mar. 16; Serial No. 219,191; published Dec. 8, 1925.
Paper, Carbon. Carter's Ink Company. 54,084; renewed June 19, 1926.

Typewriter ribbons. Carter's Ink Company. 54,072; renewed June 19, 1926.
Typewriter ribbons. Carter's Ink Company. 54,570; renewed June 26, 1926.

CLASS 12.

Asphalt. R. B. Tyler Company. 210,601; Mar. 16; Serial No. 221,521; published Dec. 29, 1925.
Asphalt and compositions embodying asphalt and like materials. H. H. Robertson Company. 210,557; Mar. 16; Serial No. 218,278; published Nov. 3.
Asphalt, bituminous cements, roofing compositions, etc., Cold liquid. Bitutect Inc. 210,558; Mar. 16; Serial No. 218,465; published Dec. 15, 1925.
Brick. Acme Brick Company. 210,641; Mar. 16.
Brick, Fire. Acme Brick Company. 210,575; Mar. 16; Serial No. 222,589; published Dec. 29, 1925.
Bricks and fire-brick linings, Fire. L. Hamilton. 210,644; Mar. 16.
Building constructions, Article of manufacture used in Cello Products Incorporated. 210,481; Mar. 16; Serial No. 219,803; published Dec. 15 1925.
Building insulation, calcined gypsum, wall plasters, gypsum tile, and plaster board. United States Gypsum Company. 210,611; Mar. 16; Serial No. 221,859; published Dec. 15, 1925.
Cement. Arco Company. 210,546; Mar. 16; Serial No. 212,470; published June 9, 1925.
Concrete, Material for treating. Concrete Surface Corporation. 210,545; Mar. 16; Serial No. 198,175; published Aug. 12, 1924.
Concrete stepping stones and blocks. Hakon Products Company. 210,253; Mar. 16; Serial No. 221,115; published Dec. 29, 1925.
Granite sand and gravel, decomposed granite with clay binder. Troy Granite Gravel Co. 210,632; Mar. 16.
Insulating material, Sheets of. Keystone Hair Insulator Company. 210,404; Mar. 16; Serial No. 221,262; published Dec. 22, 1925.
Ironing boards, broom closets, telephone stands, etc., Built-in. M. L. Stafford. 210,639; Mar. 16.
Pipe covering, Sectional. Johns-Manville Incorporated. 210,529; Mar. 16; Serial No. 167,046; published Dec. 22, 1925.
Plaster base, wall boards, and sheathing. Insulite Co. 210,344; Mar. 16; Serial No. 201,086; published Dec. 15, 1925.
Plaster, plaster of Paris, calcined plaster, and stucco. Acme Cement Plaster Co. 53,674; renewed June 12, 1926.
Rock, Natural. Newark Lime & Cement Mfg. Co. 48,644; renewed Jan. 9, 1926.
Shingle strips. Continental Roofing Mfg. Co. 210,597; Mar. 16; Serial No. 221,351; published Dec. 15, 1925.
Slate, Roofing. Provident Slate Company. 45,396; renewed Aug. 15, 1926.
Stucco and plaster is to be applied, Base to which. Flint-Rock Stucco Company. 210,552; Mar. 16; Serial No. 217,080; published Oct. 20, 1925.
Tiles of clay, Floor and wall. Mosiac Tile Company. 210,543; Mar. 16; Serial No. 199,122; published Dec. 8, 1925.
Window construction, Store-. New York Metal Store Fronts Co. 210,553; Mar. 16; Serial No. 217,286; published Dec. 29, 1925.

CLASS 13.

Clothes posts, Steel. Banks Steel Post Company. 210,369; Mar. 16; Serial No. 223,158; published Dec. 22, 1925.
Cooking utensils and dishes. McClary Mfg. Co. 210,616; Mar. 16; Serial No. 220,460; published Dec. 22, 1925.
Curtain holdbacks. F. A. Cokefair. 210,587; Mar. 16; Serial No. 222,307; published Dec. 29, 1925.
Dustpans. Patent Novelty Company. 210,548; Mar. 16; Serial No. 221,278; published Dec. 15, 1925.
Nozzles, Gasoline-hose. C-V Equipment Corporation. 210,589; Mar. 16; Serial No. 222,222; published Dec. 22, 1925.
Nozzles, Hose. Mueller Brass Co. 210,598–9; Mar. 16; Serial No. 221,496–7; published Dec. 15, 1925.
Sash weights. American Sashweight Co. 210,574; Mar. 16; Serial No. 222,728; published Dec. 22, 1925.
Seat unions, Ground-joint malleable-iron bronze. Star Manufacturing Company. 210,582, Mar. 16; Serial No. 222,350; published Dec. 29, 1925.

CLASS 14.

Anvils. C. F. Boker. 49,144; renewed Jan. 23, 1926.
Metals or alloys, Antifriction. Magnolia Metal Company. 53,519-20; renewed June 5, 1926.
Rails, clamps, step joints, tie plates, etc., Guard. Track Specialties Company. 210 600; Mar. 16; Serial No. 221,520; published Dec. 29, 1925.

CLASS 15.

Gasoline, kerosene, lubricating oils and greases. National Automobile Service Corporation. 210,470; Mar. 16; Serial No. 218,986; published Dec. 22, 1925.
Grease, Gun. Winchester Repeating Arms Co. 49,699; renewed Feb. 13, 1926.
Grease, plumbago (or graphite), Axle. United States Graphite Co. 54,647; renewed June 26, 1926.
Oil, Lubricating. Singer Manufacturing Company. 53,987; renewed June 19, 1926.
Oils and greases, Lubricating. Masury-Young Company. 210,488; Mar. 16; Serial No. 220,244; published Dec. 22, 1925.

CLASS 16.

Coating or varnishes, Composition. David B. Crockett Company. 28,385; renewed June 16, 1926.
Coating preparations. Toch Brothers, Incorporated. 210,516; Mar. 16; Serial No. 222,096; published Dec. 22, 1925.
Coating preparations. Toch Brothers, Incorporated. 210,586; Mar. 16; Serial No. 222,290; published Dec. 22, 1925.
Colors, Artists'. Winsor & Newton, Ltd. 210,515; Mar. 16; Serial No. 222,150; published Dec. 22, 1925.
Filler, primer, sealer, and surfacer. Lowe Brothers Company. 210,539; Mar. 16; Serial No. 222,512; published Dec. 22, 1925.
Paint enamels, lacquers, and varnishes. Bakelite Corporation. 210,522; Mar. 16; Serial No. 221,591; published Dec. 22, 1925.
Paint enamels, paints, and finishing materials. Red Spot Paint & Varnish Company. 210,432; Mar. 16; Serial No. 216,213; published Dec. 22, 1925.
Paint, Roof-preserving. A. E. Maire. 55,043; renewed Aug. 7, 1926.
Paint solution, rustproof and dampproof paints. W. A. Sealey. 210,400; Mar. 16; Serial No. 220,975; published Dec. 22, 1925.
Paint, varnishes, varnish and oil stains, etc. C. A. Woolsey Paint & Color Co. 210,399; Mar. 16; Serial No. 220,932; published Dec. 22, 1925.
Painters' supplies, Certain named. Gerstendorfer Bros. 52,647; renewed May 22, 1926.
Polishes. Eugene E. Nice Company. 210,402; Mar. 16; Serial No. 221,023; published Dec. 22, 1925.
Polishes, top dressing, engine enamel, and tire paint. John T. Stanley Co. 210,521; Mar. 16; Serial No. 221,783; published Dec. 22, 1925.
Varnish primer and liquid filler. Lowe Brothers Company. 210,374; Mar. 16; Serial No. 222,514; published Dec. 22, 1925.
Varnishes. Great Lakes Varnish Works, Inc. 210,484; Mar. 16; Serial No. 219,961; published Nov. 3, 1925.

CLASS 17.

Cigarettes. Teofani & Co. 53,367; renewed May 29, 1926.

CLASS 19.

Automobile and truck brakes. Glendale Engineering Co. 210,655; Mar. 16.
Automobile radiators and radiator cores. Tyree Auto Radiator Mfg. Co. 210,435; Mar. 16; Serial No. 216,000; published Dec. 29, 1925.
Automobiles, automobile wheels, radiators, chassis, bodies, and parts thereof. Adolph Sauer, Inc. 210,390; Mar. 16; Serial No. 220,681; published Dec. 22,1925.
Automobiles or taxicabs. V. Jones. 210,533; Mar. 16; Serial No. 186,646; published Dec. 15, 1925.
Bicycles and other velocipedes and parts thereof. Remington Arms Co. 28,610; renewed July 14, 1926.
Brakes and parts thereof. Back-pedaling coaster. Eclipse Machine Co. 54,705; renewed June 26, 1926.
Carriages, Baby. Kaufmann Department Stores, Inc. 210,557; Mar. 16; Serial No. 222,182; published Dec. 29, 1925.
Chassis of automotive vehicles and component parts thereof. Pierce-Arrow Motor Car Company. 210,532; Mar. 16; Serial No. 186,665; published Dec. 22, 1925.
Trucks, Motor. Hug Company. 210,622; Mar. 16; Serial No. 220,718; published Dec. 15, 1925.
Vehicle bodies, Commercial, freight, and passenger. Fort Smith Body Company. 210,654; Mar. 16.
Wagons. Eagle Wagon Works. 54,743; renewed June 26, 1926.
Wagons and dump carts, Farm. Kentucky Wagon Manufacturing Company. 52,855; renewed May 22, 1926.
Wagons, Farm. Kentucky Wagon Manufacturing Company. 52,576; renewed May 15, 1926.
Wagons, Farm. Kentucky Wagon Manufacturing Company. 52,856; renewed May 22, 1926.

CLASS 21.

Annunciators. Elevator Supplies Co. 210,391; Mar. 16; Serial No. 220,648; published Dec. 29, 1925.
Appliances, Electrical. Hart Manufacturing Company. 49,100; renewed Jan. 23, 1926.
Brushes. National Carbon Company. 210,349; Mar. 16; Serial No. 221,275; published Dec. 29, 1925.
Electric motors, solenoids, and switches, cut-outs, circuit breakers, etc. Duro Pump and Manufacturing Company. 210,392; Mar. 16; Serial No. 220,507; published Dec. 29, 1925.
Electrical appliances. Hart Manufacturing Company. 52,848; renewed May 22, 1926.
Headlights, Switches and controls for vehicle. W. C. Merrill, Jr. 210,480; Mar. 16; Serial No. 198,243; published Dec. 15, 1925.
Head phones, earpieces, detectors, etc. Ideal Radiotelefon- & Apparate-Fabrik G. m. b. H. (Verkaufsburo). 210,468; Mar. 16; Serial No. 216,725; published Dec. 29, 1925.

Insulation, Laminated fabricated material for electrical. National Vulcanized Fibre Co. 210,481; Mar. 16. Serial No. 216,280; published Dec. 29, 1925.
Lamps for electric plugs and lamp-carrying electric caps and electric-lamp call systems, Electric signal. Harvey Hubbell, Incorporated. 210,544; Mar. 16; Serial No. 198,238; published Dec. 29, 1925.
Lights and systems of lights and semaphores, door motors, etc., Electrical safety signaling. National Pneumatic Company. 210,548; Mar. 16; Serial No. 213,722; published Dec. 29, 1925.
Loud speakers. Tri-Ergon A.-G. 210,498; Mar. 16; Serial No. 217,806; published Dec. 8, 1925.
Loud speakers and parts thereof. Reichmann Company. 210,504; Mar. 16; Serial No. 219,410; published Dec. 8, 1925.
Radio-frequency transformers, radio receiving sets, radio aerial equipment, loud speakers, etc. Electrical Research Laboratories, Inc. 210,424; Mar. 16; Serial No. 221,811; published Dec. 15, 1925.
Radio loud speakers and receiving sets and/or parts for same, etc. Herbert-John Corporation. 210,416; Mar. 16; Serial No. 220,387; published Dec. 8, 1925.
Radiopanels. Julius Schmid, Inc. 210,491; Mar. 16; Serial No. 207,762; published Dec. 15, 1925.
Radio receiving, detecting, and transmitting sets and parts thereof. Columbia Phonograph Company. 210,354; Mar. 16; Serial No. 221,094; published Dec. 15, 1925.
Radio receiving sets and parts thereof. Continental Tire Corporation. 210,499; Mar. 16; Serial No. 218,166; published Dec. 15, 1925.
Radio receiving sets and parts thereof. Crosley Radio Corporation. 210,425; Mar. 16; Serial No. 221,470; published Dec. 15, 1925.
Radio receiving sets and parts thereof. Northwestern Radio Mfg. Company. 210,551; Mar. 16; Serial No. 213,098; published Dec. 29, 1925.
Radio receiving sets and parts thereof. Plaza Music Co. 210,475; Mar. 16; Serial No. 219,451; published Dec. 29, 1925.
Radio receiving sets and parts thereof, loud speakers, etc. Ward Manufacturing Co. 210,427; Mar. 16; Serial No. 221,393; published Dec. 15, 1925.
Radio receiving sets, crystal detectors, etc., Complete. Aron Elektrizitäts-Gesellschaft m. b. H. 210,448; Mar. 16; Serial No. 212,362; published Dec. 8, 1925.
Radio receiving sets, loud speakers, aerial loops, and head phones. Aladdin Mfg. Company. 210,492; Mar. 16; Serial No. 208,630; published Dec. 15, 1925.
Radio receiving sets, radio battery chargers, aerial equipment, loud speakers, etc. Chicago Mail Order Company. 210,422; Mar. 16; Serial No. 221,879; published Dec. 15, 1925.
Rail bonds. American Steel and Wire Company of New Jersey. 210,423; Mar. 16; Serial No. 221,868; published Dec. 15, 1925.
Sealing machines, Electric wax. J. Kaulke. 210,497; Mar. 16; Serial No. 217,676; published Dec. 8, 1925.
Signs, Electric advertising. E. G. Neale. 210,496; Mar. 16; Serial No. 216,351; published Dec. 8, 1925.
Signs, Eelectrical display. J. Kollath. 210,456; Mar. 16; Serial No. 209,990; published Dec. 29, 1925.
Spotlights. Lorraine Corporation. 210,507; Mar. 16; Serial No. 219,828; published Dec. 8, 1925.
Transformers, Audiofrequency. W. R. Dudley. 210,462; Mar. 16; Serial No. 206,726; published Dec. 29, 1925.
Vacuum cleaners, Electrical. National Electric Sweeper Company. 210,421; Mar. 16; Ser. No. 221,914; published Dec. 15, 1925.
Vacuum tubes and valves. Radio Corporation of America. 210,397; Mar. 16; Serial No. 220,869; published Dec. 29, 1925.
Vacuum tubes and valves. Radio Corporation of America. 210,398; Mar. 16; Serial No. 220,872; published Dec. 29, 1925.

CLASS 22.

Dolls. Strawbridge & Clothier. 53,187; renewed May 29, 1926.
Net for fishermen, Landing. C. G. Young. 210,550; Mar. 16; Serial No. 216,959; published Aug. 25, 1925.

CLASS 23.

Addressing machines. Rapid Addressing Machine Company. 210,583; Mar. 16; Serial No. 222,402; published Jan. 5, 1926.
Axes, hatchets, adzes, kitchen knives, etc. Collins Company. 210,579; Mar. 16; Serial No. 222,441; published Jan. 5, 1926.
Bearings, Ball. Hess-Bright Manufacturing Co. 53,631; renewed June 5, 1926.
Boiler-tube flangers, expanders, cutters, etc. J. Faessler Mfg. Co. 210,445; Mar. 16; Serial No. 214,147; published Jan. 5, 1926.
Boilers, Flue expanders for steam. J. Faessler Mfg. Co. 210,446; Mar. 16; Serial No. 214,145; published Jan. 5, 1926.
Engineering appliances. Schutte & Koerting Company. 210,530; Mar. 16; Serial No. 152,386; published Dec. 15, 1925.
Engines, Internal-combustion. Otto Gas Engine Works. 27,914; renewed Mar. 3, 1926.
Floor-polishing tools. United Electric Company. 210,327; Mar. 16; Serial No. 204,133; published Dec. 15, 1925.
Gear wheels and gear-wheel blanks, Nonmetallic. General Electric Company. 210,535; Mar. 16; Serial No. 191,766; published Jan. 5, 1926.
Glue-clamp carriers. N. J. Billstrom. 210,419; Mar. 16; Serial No. 221,940; published Dec. 8, 1925.
Hair clippers, clipper plates and blades, and repair parts. John Oster Manufacturing Company. 210,367; Mar. 16; Serial No. 223,135; published Dec. 29, 1925.
Handsaws. E. C. Atkins & Company. 210,536; Mar. 16; Serial No. 190,625; published Dec. 15, 1925.
Ice picks. Fletcher Works, Incorporated. 210,366; Mar. 16; Serial No. 223,290; published Dec. 29, 1925.
Ice-shaving machines. C. C. Clawson. 210,359; Mar. 16; Serial No. 222,164; published Jan. 5, 1926.
Knives and carvers, fruit, butter, and fish knives, etc., Table. Friedr. Herder Abr. Sohn. 210,338; Mar. 16; Serial No. 204,448; published Jan. 5, 1926.
Knives, forks, and spoons, etc., Table. Hyde Manufacturing Company. 210,559; Mar. 16; Serial No. 218,490; published Jan. 5, 1926.
Lamp chimneys and lantern globes. R. E. Tongue & Bros. 51,498; renewed Apr. 17, 1926.
Lawn mowers, Power. Frank Ifeld Tractor Co. 210,368; Mar. 16; Serial No. 223,232; published Dec. 29, 1925.
Looms and loom accessories. Crompton & Knowles Loom Works. 210,347; Mar. 16; Serial No. 221,305; published Jan. 5, 1926.
Mills for grinding. C. S. Bell Co. 53,514; renewed June 5, 1926.
Monkey wrenches, pipe cutters and vises, etc. Trimont Manufacturing Company. 210,584; Mar. 16; Serial No. 221,936; published Jan. 5, 1926.
Mowers, binders, harvesters, and headers, Guards for. Whitman & Barnes Manufacturing Company. 54,257; renewed June 26, 1926.
Mowers, reapers, harvesters, and headers, Guard plates for. Whitman & Barnes Manufacturing Company. 54,729; renewed June 26, 1926.
Pumps, Vacuum. Central Scientific Company. 210,372; Mar. 16; Serial No. 223,461; published Dec. 29, 1925.
Sewing-machine needles. A. Schulder & Sons. 210,610; Mar. 16; Serial No. 221,853; published Jan. 5, 1926.
Sewing machines. Willcox & Gibbs Sewing Machine Co. 53,529; renewed June 5, 1926.
Vending machines, Automatic. Dime Automatic Co. 210,379; Mar. 16; Serial No. 222,830; published Dec. 29, 1925.

CLASS 24.

Carpet-scrubbing machines, washing machines, etc. Chief Manufacturing Company. 210,490; Mar. 16; Serial No. 185,242; published Dec. 15, 1925.
Wringers and parts thereof, Clothes. American Wringer Company. 53,476; renewed June 5, 1926.
Wringers and the parts composing the same, Clothes. American Wringer Company. 53,451; renewed June 5, 1926.
Wringers, Clothes. American Wringer Company. 53,453–7; renewed June 5, 1926.
Wringers, Clothes. American Wringer Company. 53,477; renewed June 5, 1926.

CLASS 26.

Meters, Fluid. Hersey Manufacturing Company. 54,749; renewed June 26, 1926.
Photographic papers, photographic apparatus, plates, and films, Light-sentitized. Mimosa Aktiengesellschaft. 210,463; Mar. 16; Serial No. 205,833; published Dec. 22, 1925.
Spectacle temples. Bausch and Lomb Optical Company. 210,370; Mar. 16; Serial No. 223,075; published Dec. 22, 1925.
Spectacles, spectacle frames, and ophthalmic lenses. White-Haines Optical Co. 210,410; Mar. 16; Serial No. 220,933; published Dec. 15, 1925.
Spectacles, spectacle frames, and ophthalmic lenses. White-Haines Optical Co. 210,411–12; Mar. 16; Serial No. 220,929–30; published Dec. 15, 1925.
Spoons, Dosage. H. D. Morgan. 210,454; Mar. 16; Serial No. 210,397; published Dec. 29, 1925.
Testing apparatus for treatment by electronic reactions, Devices for. V. Gillmore. 210,531; Mar. 16; Serial No. 188,203; published Dec. 29, 1925.

CLASS 27.

Watches and parts thereof. A. Schwob. 54,530; June 26, 1926.

CLASS 28.

Badges, Gold-plated. Irons & Russell. 49,860; renewed Feb. 20, 1926.
Badges, Japel buttons, cuff links, charms, etc., Fraternity. Sigma Nu Phi Fraternity (Legal). 210,527; Mar. 16; Serial No. 183,087; published Dec. 8, 1925.
Badges, Solid-gold. Irons & Russell. 50,328; renewed Mar. 13, 1926.
Cocktail shakers and beverage mixers, Silver-plated bottle-shaped. Homan Manufacturing Company. 210,438; Mar. 16; Serial No. 215,693; published Dec. 29, 1925.
Collar clips, tie holders, and garter clasps. S. L. Gedney. 210,395; Mar. 16; Serial No. 220,452; published Dec. 29, 1925.
Flatware, tableware, hollow ware, and cutlery. Oneida Community Limited. 210,394; Mar. 16; Serial No. 220,462; published Dec. 29, 1925.

Hollow ware, Silver-plated. International Silver Company. 51,078–9; renewed Apr. 3, 1926.
Hollow ware, Silver-plated. International Silver Company. 51,188; renewed Apr. 10, 1926.
Hollow ware, Silver-plated. International Silver Company. 52,757; renewed May 15, 1926.
Lingerie clasps, beauty pins, vanity boxes, tie clasps, bracelets, etc. V. E. Black Co. 210,418; Mar. 16; Serial No. 221,941; published Dec. 15, 1925.
Pearls and reproductions of pearls or imitations thereof Strings of. L. Heller & Son, Inc. 210,538; Mar. 16; Serial No. 200,494; published Dec. 8, 1925.
Rings, Finger. Von Steinaer and Baumgartner Co. 210,414; Mar. 16; Serial No. 220,812; published Dec. 15, 1925.
Silver-plated tableware, flatware, hollow ware, and cutlery. Oneida Community Limited. 210,420; Mar. 16; Serial No. 221,916; published Dec. 15, 1925.
Silverware, Sterling. R. Wallace & Sons Mfg. Co. 54,561; renewed June 26, 1926.

CLASS 31.

Filters. T. Linke. 27,604; renewed Jan. 7, 1926.
Refrigerators. Arlington Refrigerator Co. 210,629; Mar. 16.

CLASS 32.

Bedsteads, cots, cribs, and couches. Simmons Company. 210,476; Mar. 16; Serial No. 219,500; published Dec. 29, 1925.
Mattresses. Electric City Mattress Works, Inc. 210,567; Mar. 16; Serial No. 214,591; published Sept. 8, 1925.
Pictures, photographs, and the like, Frames for. California Card Manufacturing Co. 210,478; Mar. 16; Serial No. 219,576; published Dec. 29, 1925.

CLASS 33.

Bottles, Glass. Big Bill Bottling Company. 210,340; Mar. 16; Serial No. 203,804; published Nov. 17, 1925.

CLASS 34.

Boilers. Utica Heater Co. 53,650; renewed June 5, 1926.
Carburizing boxes, radiator shells, heat registers, stove parts, etc. Chemical Treatment Company. 210,482; Mar. 16; Serial No 219,810; published Dec. 29, 1925.
Stoves, Heating and cooking. Joliet Stove Works. 51,654; renewed Apr. 17, 1926.
Ventilators, Window and roof. W. B. Gilbert. 210,580; Mar. 16; Serial No. 222,504; published Dec. 29, 1925.

CLASS 35.

Belting, Leather. Charles A. Schieren & Co. 26,748; renewed July 2, 1925
Hose, Rubber-covered. B. F. Goodrich Company. 210,614; Mar. 16; Serial No. 220,289; published Jan. 5, 1926.
Hose, Rubber-covered. B. F. Goodrich Company. 210,615; Mar. 16; Serial No. 220,403; published Jan. 5, 1926.
Jar caps Adams Bros. & Co. 210,459; Mar. 16; Serial No. 208,944; published Dec. 1, 1925.
Lacings for leather belts. American Leather Lace Company. 210,642; Mar. 16.
Tires, Rubber vehicle. B. F. Goodrich Company. 210,383; Mar. 16; Serial No. 222,673; published Dec. 29, 1925.
Tires, Vehicle. Fishk Rubber Company. 210,452; Mar. 16; Serial No. 210,897; published Jan. 5, 1926.
Washers, Bib and faucet. Woodward-Wanger Company. 210,564; Mar. 16; Serial No. 217,909; published Jan. 5, 1926.

CLASS 36.

Accordions, pianos, zithers, etc. A. Burdwise. 210,624; Mar. 16; Serial No. 213,114; published Dec. 29, 1925.
Corners, trumpets, French horns, etc. Vincent Bach Corporation. 210,568; Mar. 16; Serial No. 218,840; published Dec. 15, 1925.
Harmonicas, Mouth. M. Hohner, Inc. 210,506; Mar. 16; Serial No. 219,745; published Dec. 8, 1925.
Musical instruments. Vincent Bach Corporation. 210,565–6; Mar. 16; Serial No. 218,841–2; published Dec. 15, 1925.
Phonographs. M. Waterson. 210,493; Mar. 16; Serial No. 210,592; published Dec. 15, 1925.
Publication, Weekly. Societe Anonyme l'Europe Nouvelle. 210,619; Mar. 16; Serial No. 220,624; published Dec. 15, 1925.
Records, Talking-machine. Victor Talking Machine Company. 54,368; renewed June 26, 1926.
Resonators. Weida Ware Products Company. 210,450; Mar. 16; Serial No. 211,642; published Dec. 29, 1925.
Sound electrically, Machines for producing. Brunswick-Balke-Collender Company. 210,487; Mar. 16; Serial No. 220,108; published Dec. 15, 1925.
Talking machines and records. Homophon-Company Gesellschaft mit beschränkter Haftung. 210,555; Mar. 16; Serial No. 218,061; published Dec. 8, 1925.
Talking machines and repair or replacement parts. J. A. Fischer Company. 210,494; Mar. 16; Serial No. 212,602; published Dec. 15, 1925.

CLASS 37.

Binders, Loose-leaf. Bingham Company. 210,330; Mar. 16; Serial No. 203,938; published Dec. 29, 1925.
Books, Account. R. Hollingsworth. 54,828; renewed July 31, 1926.
Books and printing paper, Blank. Perkins & Squier Company. 210,479; Mar. 16; Serial No. 219,598; published Dec. 15, 1925.
Cardboard, calender board, box board, etc. Beveridge Paper Company. 210,523; Mar. 16; Serial No. 221,535; published Dec. 15, 1925.
Cards, Stencil. Rapid Addressing Machine Company. 210,577; Mar. 16; Serial No. 222,404; published Dec. 22, 1925.
Checks, letterheads, check books, etc. J. C. Hall Company. 210,472; Mar. 16; Serial No. 210,181; published Dec. 29, 1925.
Envelopes and paper. Charles J. Cohen & Son. 52,879–81; renewed May 22, 1926.
Mailing container. J. C. Bardell. 210,620; Mar. 16; Serial No. 220,636; published Dec. 22, 1925.
Paper and envelopes, Tissue, bank-note, legal-cap, typewriter, etc. Robert Fletcher & Son Limited. 210,453; Mar. 16; Serial No. 210,728; published Dec. 15, 1925.
Paper and stationery. H. W. Williams & Co. 210,345; Mar. 16; Serial No. 200,793; published Nov. 4, 1924.
Paper, Cover. Strathmore Paper Company. 210,480; Mar. 16; Serial No. 219,612; published Dec. 15, 1925.
Paper, Printing. Dill & Collins Co. 52,295; renewed May 8, 1926.
Paper, Printing and writing. Dill & Collins Co. 54,135; renewed June 19, 1926.
Paper sheets, printed forms, sales checks, etc. American Sales Book Company. 210,442; Mar. 16; Serial No. 214,453; published Oct. 20, 1925.
Paper tape, Gummed. Mid-States Gummed Paper Company. 210,556; Mar. 16; Serial No. 218,196; published Dec. 15, 1925.
Paper, Tissue. Diamond Mills Paper Co. 210,602; Mar. 16; Serial No. 221,539; published Dec. 15, 1925.
Paper, Wrapping. Albemarle Paper Manufacturing Co. 210,429; Mar. 16; Serial No. 216,493; published Dec. 15, 1925.
Paper, Wrapping. Northwest Paper Company. 210,361; Mar. 16; Serial No. 222,132; published Dec. 22, 1925.
Paper, Wrapping and toilet. Joseph Weil & Sons, Inc. 210,486; Mar. 16; Serial No. 220,004; published Dec. 15, 1925.
Paper, Writing, drawing, and printing. Northwest Paper Company. 210,360; Mar. 16; Serial No. 222,133; published Dec. 22, 1925.
Papers of various kinds, Self-binders for binding. Rochester Self-Binder Co. 210,393; Mar. 16; Serial No. 220,473; published Dec. 15, 1925.
Papers, Writing. Carew Manufacturing Company. 28,428; renewed June 23, 1926.
Pencils, Lead. Eagle Pencil Company. 51,020; renewed Apr. 3, 1926.
Pencils, Lead. Eagle Pencil Company. 51,070; renewed Apr. 3, 1926.
Pencils, Metallic tips for lead. Eagle Pencil Company. 52,807; renewed May 15, 1926.
Pens, Certain named. Thomas De La Rue & Company. 54,838; renewed July 31, 1926.
Pens, Fountain. Moore Pen Co. 218,560–2; Mar. 16; Serial Nos. 218,564–6; published Dec. 15, 1925.
Pens, Fountain. L. E. Waterman Company. 49,478; renewed Feb. 6, 1926.
Pens, Fountain. L. E. Waterman Company. 49,715; renewed Feb. 13, 1926.
Pens, Fountain. L. E. Waterman Company. 51,998; renewed May 1, 1926.
Stamps for stamping trade-marks upon textiles. Kaumagraph Co. 54,575; renewed June 26, 1926.
Stencil cards. Rapid Addressing Machine Company. 210,578; Mar. 16; Serial No. 222,405; published Dec. 22, 1925.

CLASS 38.

Blotters, writing pads, post cards, etc. W. R. Sanford. 210,443; Mar. 16; Serial No. 214,443; published Dec. 15, 1925.
Books and instruction papers. Railway Training Institute. 210,549; Mar. 16; Serial No. 213,735; published Dec. 15, 1925.
Books, magazines, pictures, and prints. H. B. McCurdy. 210,604; Mar. 16; Serial No. 221,558; published Dec. 15, 1925.
Cartoons in newspaper articles, Title for. Public Ledger Company. 210,871; Mar. 16; Serial No. 223,050; published Dec. 29, 1925.
Cartoons in perforated sheet form. C. E. Howell. 210,607; Mar. 16; Serial No. 221,703; published Dec. 15, 1925.
Cartoons, Series of. D. T. Fisher, jr. 210,346; Mar. 16; Serial No. 221,307; published Dec. 15, 1925.
Chart of radio stations, Reference. D. S. B. Stannard. 210,461; Mar. 16; Serial No. 208,785; published Apr. 21, 1925.
Charts, Educational printed. I. A. Parry. 210,430; Mar. 16; Serial No. 216,474; published Dec. 15, 1925.
Journal, Monthly trade. Ware Bros. Company. 210,385; Mar. 16; Serial No. 222,531; published Dec. 29, 1925.
Lessons, instruction sheets, etc., used with a correspondence course. Job-Way Home Study, Incorporated. 210,457; Mar. 16; Serial No. 209,920; published Dec. 15, 1925.

Magazine, Monthly. Morgan Company. 210,593; Mar. 16; Serial No. 222,861; published Dec. 29, 1925.
Magazine published periodically. Simmons-Boardman Publishing Co. 210,510; Mar. 16; Serial No. 222,198; published Dec. 29, 1925.
Magazine published periodically. Simmons-Boardman Publishing Co. 210,511–12; Mar. 16; Serial Nos. 222,196–7; published Dec. 22, 1925.
Music and music books, Sheet. R. Litolff. 210,524; Mar. 16; Serial No. 177,134; published Oct. 16, 1923.
Newspaper feature articles. Famous Features Syndicate, Inc. 210,505; Mar. 16; Serial No. 222,373; published Dec. 29, 1925.
Newspaper, House. Prudence-Bonds Corporation. 210,542; Mar. 16; Serial No. 189,519; published Dec. 29, 1925.
Periodical. P. Kratz. 54,284; renewed June 26, 1926.
Periodical, Monthly. Paterson-Mutual Hosiery Mills, Inc. 210,375; Mar. 16; Serial No. 223,321; published Dec. 29, 1925.
Periodical or trade paper, Monthly printed. Lyman Publishing Corporation. 210,603; Mar. 16; Serial No. 221,557; published Dec. 15, 1925.
Photographic prints and enlargements. Ansco Photoproducts, Inc. 210,571; Mar. 16; Serial No. 218,683; published Dec. 15, 1925.
Publication. Macfadden Publications Incorporated. 210,437; Mar. 16; Serial No. 215,698; published July 28, 1925.
Publication, Weekly. Baines & Schmich Publishing Company. 210,355; Mar. 16; Serial No. 221,086; published Dec. 15, 1925.
Radioprograms. Audio service. 210,444; Mar. 16; Serial No. 214,230; published July 21, 1925.

CLASS 39.

Blouses, shirts, coats, drawers, etc., Leather. Guiterman Bros., Inc. 210,447; Mar. 16; Serial No. 188,304; published Jan. 13, 1925.
Boots and shoes. Rice & Hutchins, Incorporated. 210,378; Mar. 16; Serial No. 222,943; published Dec. 22, 1925.
Boots and shoes, Welting for. P. E. Barbour. 210,412; Mar. 16; Serial No. 220,837; published Dec. 15, 1925.
Boots and shoes, Women's, misses', and children's. Dorothy Dodd Shoe Company. 51,830; renewed Apr. 24, 1926.
Boots, shoes, and slippers. W. H. Tomlinson & Co. 210,417; Mar. 16; Serial No. 221,292; published Dec. 15, 1925.
Brassières. Blue Bird Brassiere Company. 210,526; Mar. 16; Serial No. 171,826; published Dec. 22, 1925.
Brassières and combination undergarments. L. F. Tighe. 210,520; Mar. 16; Serial No. 221,790; published Dec. 22, 1925.
Brassières, corsets, and underwear. Boyshform Brassière Co. 210,570; Mar. 16; Serial No. 218,730; publishe Dec. 22, 1925.
Brassières, girdle and brassière combinations, girdles, an corsets. H. A. Grunewald and L. P. Keller. 210,513. Mar. 16; Serial No. 222,180; published Dec. 22, 1925.
Caps, undergarments, robes, sweaters, etc. Bedell Company. 210,405; Mar. 16; Serial No. 205,628; published Jan. 5, 1926.
Collars. Cluett, Peabody & Co. 54,226; renewed June 26, 1926.
Collars. Cluett, Peabody & Co. 54,268; renewed June 26, 1926.
Collars. Peabody & Co. 54,232–3; renewed June 26 1926.
Corsets. Downer Hawes and Company, Incorporated. 52,034; renewed May 1, 1926.
Corsets. Marshall Field & Company. 210,572; Mar. 16; Serial No. 222,604; published Dec. 22, 1925.
Corsets. Royal Worcester Corset Company. 50,188; renewed Mar. 6, 1926.
Corsets, corset waists, and corset steels. Kops Bros. 50,936; renewed Apr. 3, 1926.
Garments and underwear of knitted and textile fabric, Ladies'. E. W. Robischon. 210,474; Mar. 16; Serial No. 219,495; published Dec. 8, 1925.
Garters. C. J. Higley. 50,787; renewed Mar. 27, 1926.
Gloves. Fownes Brothers & Co. 49,094; renewed Jan. 23, 1926.
Gloves. Goessling and Ferre, Inc. 210,588; Mar. 16; Serial No. 222,235; published Dec. 22, 1925.
Gloves, Leather. Daniel Jeitteles, Esslingen. 210,363; Mar. 16; Serial No. 222,122; published Dec. 22, 1925.
Hats. J. R. Gilleaudeau. 51,584; renewed Apr. 17, 1926.
Hats. Goldman-O'Brien Nassauer Mfg. Co. 210,458; Mar. 16; Serial No. 208,977; published Dec. 22, 1925.
Hats. La-Roy Hat Co.. 210,408; Mar. 16; Serial No. 220,962; published Dec. 15, 1925.
Hats and caps for men and boys. Keith Brothers & Co. 3,602; renewed June 5, 1926.
Hats and caps for men and boys. Keith Brothers & Co. 53,634; renewed June 5, 1926.
Hats, Ladies'. B. Altman & Co. 210,403; Mar. 16; Serial No. 221,044; published Dec. 22, 1925.
Hats, Ladies' and misses'. Harris & Capelle. 210,434; Mar. 16; Serial No. 216,044; published Dec. 22, 1925.
Hose supporters. C. J. Higley. 49,858; renewed Feb. 20, 1926.
Shirts. Marlboro Shirt Company. 210,352; Mar. 16; Serial No. 221,126; published Dec. 22, 1925.
Shoes. M. Nathan and Brother, Incorporated. 210,406; Mar. 16; Serial No. 221,195; published Dec. 15, 1925.
Shoes. Wizard Lightfoot Appliance Company. 210,581; Mar. 16; Serial No. 221,864; published Dec. 22, 1925.
Shoes, Leather. E. S. Levy & Company. 210,441; Mar. 16; Serial No. 215,156; published Dec. 22, 1925.
Shoes, Misses' and children's. Wm. H. Walker & Co. 210,415; Mar. 16; Serial No. 220,584; published Dec. 29, 1925.
Shoes, Women's. Chicago Mail Order Company. 210,573; Mar. 16; Serial No. 222,662; published Dec. 22, 1925.
Suits, overcoats, shirts, etc., Men's. D'Andrea Brothers, Inc. 210,631; Mar. 16.
Sweaters. Blank Knitting Mills. 210,637; Mar. 16.
Trousers. Dutchess Manufacturing Co. 48,027; renewed Dec. 5, 1925.
Underwaists for women and children. T. B. Fitzpatrick. 54,234; renewed June 26, 1926.
Underwear and stockings, Ladies'. Jay Thorpe, Inc. 210,440; Mar. 16; Serial No. 215,608; published Sept. 1, 1925.
Whole soles, half soles, heels, and the service of rebuilding shoes, etc. R. J. Taub. 210,405; Mar. 16; Serial No. 221,518; published Dec. 22, 1925.
Wrappers and tea gowns. Ideal Manufacturing Company. 27,845; renewed Feb. 25, 1926.

CLASS 40.

Buttons. B. Blumenthal & Co. 210,554; Mar. 16; Serial No. 217,918; published Dec. 22, 1925.
Combs, Hard-rubber. American Hard Rubber Co. 52,085–6; renewed May 1, 1926.
Combs, Rubber. American Hard Rubber Co. 51,383; renewed Apr. 17, 1926.
Combs, Rubber. American Hard Rubber Co. 51,412–13; renewed Apr. 17, 1926.
Combs, Rubber. American Hard Rubber Co. 51,696; renewed Apr. 24, 1926.
Combs, Rubber. American Hard Rubber Co. 51,720–1; renewed Apr. 24, 1926.

CLASS 42.

Comforts. Chas. A. Maish Co. 54,161; renewed June 19, 1926.
Cotton piece goods. Indian Head Mills of Alabama. 54,160; renewed June 19, 1926.
Cotton piece goods, Woven. J. S. Reeves & Co. 54,178; renewed June 19, 1926.
Fabrics. John B. Ellison & Sons. 210,635; Mar. 16.
Kerseys and cassimeres. W. J. Dickey & Sons. Incorporated. 51,912; renewed Apr. 24, 1926.
Kerseys and cassimeres. W. J. Dickey & Sons, Incorporated. 53,108; renewed May 29, 1926.
Linen crash. Stevens Linen Works. 49,833; renewed Feb. 20, 1926.
Sheeting. Minot, Hooper & Co. 54,311; renewed June 26, 1926.
Silks, Printed and piece-dyed. Cheney Brothers. 53,912; renewed June 12, 1926.
Textile fabrics, Upholstery. Andrew McLean Co. 51,513; renewed Apr. 17, 1926.
Textile fabrics, Worsted and woolen. Holden-Leonard Co. 210,373; Mar. 16; Serial No. 223,237; published Dec. 29, 1925.
Woolen dress goods. Botany Worsted Mills. 48,273; renewed Dec. 19, 1925.

CLASS 44.

Bandages, Suspensory. Johnson & Johnson. 54,235; renewed June 26, 1926.
Bandages, Suspensory. Johnson & Johnson. 54,249; renewed June 26, 1926.
Catheters and bougies. Johnson & Johnson. 49,283; renewed Jan. 30, 1926.
Catheters, Stomach tubes, and bougies. Johnson & Johnson. 54,309; renewed June 26, 1926.
Cotton, Felted absorbent. Johnson & Johnson. 52,956–7; renewed May 22, 1926.
Forceps. H. Friedman. 210,377; Mar. 16; Serial No. 223,031; published Dec. 22, 1925.
Hyperæmi, Instruments for producing. S. M. Bernell 210,426; Mar. 16; Serial No. 221,402; published Dec. 15, 1925.
Sanitary napkins. Caledonia Cellulose Company. 210,364; Mar. 16; Serial No. 222,010; published Dec. 22, 1925.
Splint, Male-genital-organ. W. Nathanson. 210,501; Mar. 16; Serial No. 218,769; published Dec. 15, 1925.
Syringes. Hard-rubber. American Hard Rubber Co. 51,860; renewed Apr. 24, 1926.
Telephonic device for aiding defective hearing. Dictograph Products Corporation. 210,343; Mar. 16; Serial No. 202,934; published Dec. 22, 1925.

CLASS 45.

Beverages and sirups for making the same. L. Steinberger & Sons, Inc. 210,660; Mar. 16.
Drink and sirup for making the same, Specialty. A. A. Araujo. 210,645; Mar. 16.
Mineral water. Apollinaris Company, Limited. 52,710; renewed May 15, 1926.

CLASS 46.

Bread. J. A. Dietzen. 210,633; Mar. 16.
Butter. Henningsen Creamery Co. 210,485; Mar. 16; Serial No. 219,966; published Dec. 22, 1925.
Butter, cheese, and evaporated milk. P. E. Sharpless Company. 210,623; Mar. 16; Serial No. 220,924; published Dec. 22, 1925.
Cakes. Barna Company. 210,464; Mar. 16; Serial No. 205,674; published Dec. 19, 1925.
Candies. B. S. & S. M. Bushman. 210,409; Mar. 16; Serial No. 220,937; published Dec. 15, 1925.
Candy. Ann Fox Corporation. 210,663; Mar. 16.
Candy. C. T. Fund. 210,466; Mar. 16; Serial No. 205,329; published Dec. 22, 1925.
Candy. J. Merle. 210,407; Mar. 16; Serial No. 220,968; published Dec. 15, 1925.
Candy. Murbach Company. 49,102; renewed Jan. 23, 1926.
Canned anchovies, herring, etc. Johs. Mæland A/S Ltd. 210,356; Mar. 16; Serial No. 212,691; published Aug. 11, 1925.
Canned fruits. California Canneries Co. 52,770; renewed May 15, 1926.
Canned fruits. California Canneries Co. 54,402; renewed June 26, 1926.
Canned fruits. G. Ghosn. 210,495; Mar. 16; Serial No. 215,006; published Dec. 1, 1925.
Canned fruits and vegetables. Booth Packing Company. 54,410; renewed June 26, 1926.
Canned fruits, vegetables, and fruit preserves, coffee, teas, etc. C. F. Naegele. 210,396; Mar. 16; Serial No. 220,790; published Dec. 22, 1925.
Canned pineapple. Pearl City Fruit Co. 210,455; Mar. 16; Serial No. 210,311; published Dec. 22, 1925.
Canned sausage. Western Sausage & Provision Co. 210,451; Mar. 16; Serial No. 210,939; published Dec. 22, 1925.
Canned vegetables. Sumter Packing Company. 210,664; Mar. 16.
Cereal breakfast food. Mrs. R. C. Massey and Mrs. E. W. Cairncross. 210,525; Mar. 16; Serial No. 172,951; published Dec. 22, 1925.
Cherries, Fresh. Reynolds Preserving Company. 210,473; Mar. 16; Serial No. 219,204; published Dec. 29, 1925.
Chicks, Baby. White Feather Hatchery, Inc. 210,662; Mar. 16.
Coffee. Hills Bros. 51,408; renewed Apr. 17, 1926.
Confections. Helmet Company. 210,659; Mar. 16.
Cookies, cakes, crackers, and biscuits. Purity Biscuit Company. 210,541; Mar. 16; Serial No. 222,397; published Dec. 22, 1925.
Crackers. Schust Company. 210,534; Mar. 16; Serial No. 212,416; published Dec. 22, 1925.
Crackers, biscuits, and cakes. Crescent Macaroni & Cracker Co. 54,545; renewed June 26, 1926.
Cucumbers. M. Wolff & Sons. 210,502; Mar. 16; Serial No. 218,783; published Dec. 15, 1925.
Dietetical products. A. & W. Lindt. 210,483; Mar. 16. Serial No. 219,827; published Dec. 22, 1925.
Extracts, Flavoring. Jordon Stabler Company. 50,238; renewed Mar. 6, 1926.
Feed for poultry, Mineral. Moorman Mfg. Co. 210,585; Mar. 16; Serial No. 222,332; published Dec. 22, 1925.
Flavoring extracts. C. N. Whitson. 210,388; Mar. 16; Serial No. 220,751; published Dec. 22, 1925.
Flour. A. B. Katzin. 210,606; Mar. 16; Serial No. 221,617; published Dec. 29, 1925.
Flour, granulated meal, laying mash, bran, etc., Buckwheat. George Q. Moon & Company. 210,471; Mar. 16; Serial No. 218,864; published Dec. 22, 1925.
Flour, Pancake. L. R. Donelson, jr. 210,576; Mar. 16; Serial No. 222,600; published Dec. 22, 1925.
Flour, Wheat. John Bird Company. 28,399; renewed June 16, 1926.
Flour, Wheat. Denton & Lynn Company. 52,692–3; renewed May 15, 1926.
Flour, Wheat. Geo. T. Evans & Son. 52,774; renewed May 15, 1926.
Flour, Wheat. Geo. T. Evans & Son. 53,169; renewed May 29, 1926.
Flour, Wheat. Hezel Milling Company. 48,992; renewed Jan. 16, 1926.
Flour, Wheat. Hezel Milling Company. 49,276; renewed Jan. 30, 1926.
Flour, Wheat. Lawrenceburg Roller Mills Company. 52,151–2; renewed May 1, 1926.
Flour, Wheat. Lawrenceburg Roller Mills Company. 53,439; renewed June 5, 1926.
Flour, Wheat. Lawrenceburg Roller Mills Company. 54,470; renewed June 26, 1926.
Flour, Wheat. Northwestern Consolidated Milling Company. 54,503; renewed June 26, 1926.
Food consisting principally of nuts, Prepared. J. E. Hearn. 210,518; Mar. 16; Serial No. 222,028; published Dec. 22, 1925.
Fruits and vegetables in tin or glass. Wm. Numsen & Sons, Inc. 53,412; renewed June 5, 1926.
Gelatin. American Glue Co. 50,675; renewed Mar. 27, 1926.
Gelatin. American Glue Co. 52,750; renewed May 15, 1926.
Hams, bacon, pressed meats, sausage, cooked meats, shoulders, shortenings, and other provisions. Swift & Company. 28,452; renewed June 23, 1926.
Honey. W. Atchley. 210,380; Mar. 16; Serial No. 222,810; published Dec. 29, 1925.
Ice-cream powder. Chittenden, Turner & Company. 210,617; Mar. 16; Serial No. 220,497; published Dec. 22, 1925.
Icing powder, White. International Company. 210,376; Mar. 16; Serial No. 223,035; published Dec. 29, 1925.
Lards. J. & F. Sebroth Packing Company. 54,377; renewed June 26, 1926.
Matzoths, matzoth meal, matzoth ferfel, and alimentary paste products. A. Goodman & Sons, Inc. 210,336; Mar. 16; Serial No. 204,505; published Dec. 22, 1925.
Milk, Chocolate malted. Pango Milk Chocolate Company. 210,509; Mar. 16; Serial No. 222,339; published Dec. 22, 1925.
Milk, Condensed. Borden Company. 48,942; renewed Jan. 16, 1926.
Milk, Condensed. Borden's Condensed Milk Co. 52,243; renewed May 1, 1926.
Milk, Condensed. St. Charles Condensing Co. 49,081; renewed Jan. 23, 1926.
Molasses. P. Duff & Sons. 47,949; renewed Nov. 28, 1925.
Molasses. P. Duff & Sons. 48,051; renewed Dec. 5, 1925.
Molasses. P. Duff & Sons. 48,073; renewed Dec. 5, 1925.
Oleomargarine. Capital City Dairy Co. 28,095; renewed Apr. 7, 1926.
Olive oil, Spanish olives, grated cheese, etc. G. Muro. 210,661; Mar. 16.
Oranges, lemons, and grapefruit. Ball & Tweedy. 210,646; Mar. 16.
Seeds and prepared mixtures of seeds. E. R. Durkee & Co. 48,985; renewed Jan. 16, 1926.
Sirup, Raisin. Sun-Maid Raisin Growers of California. 210,381; Mar. 16; Serial No. 222,808; published Dec. 29, 1925.
Sirups and molasses. Steuart, Knatz & Co. 48,060; renewed Dec. 5, 1925.
Sirups, Table and cooking. Egerton Brothers. 210,358; Mar. 16; Serial No. 222,170; published Dec. 22, 1925.
Spices. E. R. Durkee & Co. 50,225; renewed Mar. 6, 1926.
Spices. Joseph Burnett Company. 210,517; Mar. 16; Serial No. 222,032; published Dec. 29, 1925.
Spices. J. K. Laudenslager, Inc. 210,382; Mar. 16; Serial No. 222,750; published Dec. 29, 1925.
Spices and mustard. E. R. Durkee & Co. 48,986; renewed Jan. 16, 1926.
Spices and mustard. E. R. Durkee & Co. 53,244; renewed May 29, 1926.
Stock feed. Black & White Milling Company. 210,613; Mar. 16; Serial No. 220,285; published Dec. 22, 1925.
Tapioca, Prepared. Whitman Grocery Company. 52,119; renewed May 1, 1926.
Tea. Colombo Commercial Company. 210,648–9; Mar. 16.
Tea. National Grocery Company. 210,569; Mar. 16; Serial No. 218,824; published Dec. 29, 1925.
Tea. L. H. Parke & Co. 28,446; renewed June 23, 1926.

CLASS 48.

Ale. James Hanley Brewing Co. 52,036; renewed May 1, 1926.
Beer. Minneapolis Brewing Company. 54,642–3; renewed June 26, 1926.

CLASS 50.

Automobile top fabrics. Waterhouse & Lester Co. 210,449; Mar. 16; Serial No. 212,114; published Dec. 15, 1925.
Banners, flags, pennants, emblem buttons, etc. D. B. Harris. 210,621; Mar. 16; Serial No. 220,655; published Dec. 29, 1925.
Bottles and other containers, Caps or closure devices for. Owens Bottle Company. 210,547; Mar. 16; Serial No. 213,65; published Dec. 29, 1925.
Bottles and other containers, Caps or closure devices for. Owens Bottle Company. 210,626; Mar. 16; Serial No. 213,664; published Dec. 22, 1925.
Composite material consisting of fibrous material and a condensation-product binder. Fibroc Insulation Company. 210,625; Mar. 16; Serial No. 213,291; published Dec. 29, 1925.
Glass run channels. Detroit Rubber Products, Inc. 210,389; Mar. 16; Serial No. 220,707; published Dec. 22, 1925.
Sheets, Waterproofed cotton-fleeced crib. R. Falter. 210,401; Mar. 16; Serial No. 221,003; published Dec. 22, 1925.

ALPHABETICAL LIST OF LABELS.

'Accurate Cost Sheet For Builders. For Blanks for Builders' Use. F. Feinstein. 30,080; Mar. 16.
Atlas—Simply Great. For Root Beer. Atlas Brewing Company. 30,073; Mar. 16.
Atlas Special. For a Malt Beverage. Atlas Brewing Company. 30,072; Mar. 16.
Atlas Tonic. For Malt Tonic. Atlas Brewing Company. 30,071; Mar. 16.
Brach's Golden Egg. For Chocolate-Covered Marshmallow Eggs. E. J. Brach & Sons. 30,076; Mar. 16.
"Dee Cee" Butter. For Butter. Menasha Printing and Carton Company. 30,090; Mar. 16.
Eucalets. For Cough Drops. Eucalets Corporation. 30,079; Mar. 16.
Frisch Process #1. For Bread. E. Frisch. 30,082; Mar. 16.
Frisch Process #2. For Bread. E. Frisch. 30,083; Mar. 16.
Goldora. For Oranges. M. E. Fernandez. 30,081; Mar. 16.
Handy Craft. For Mechanical-Toy Construction Units. Hart & Cooley Company. 30,084; Mar. 16.
June Bride. For Self-Rising Flour. Dunlop Milling Company. 30,077; Mar. 16.
Kelly Hand Made. For Cigars. Kelly Cigar Co. 30,087; Mar. 16.
Kelly's Green Ribbon. For Cigars. Kelly Cigar Co. 30,086; Mar. 16.
"M A". For Fresh Potatoes. M & A Produce Co. 30,089; Mar. 16.
Match'em. For Games. Alderman, Fairchild Co. 30,070; Mar. 16.
Miss Jackie Walls' Hair Grower. For Hair Tonic. Miss J. Walls. 30,094; Mar. 16.
Mrs. Hutchison's American Pure Home Made Orange Marmalade. For Orange Marmalade. E. Hutchison. 30,085; Mar. 16.
Ocean-O. For a Regulating Tonic and Detoxicant. Oceano Products Company. 30,092; Mar. 16.
Pickle Thin. For Pickles. Keokuk Canning Company. 30,088; Mar. 16.
Radio Steel Wool. For Steel Wool. Williams Company. 30,095; Mar. 16.
S-F Brand. For Butter. Menasha Printing and Carton Company. 30,091; Mar. 16.
Sugar Puff Vanilla White Marshmallows. For Marshmallow Candies. E. H. Edwards Company. 30,078; Mar. 16.
The World Flyers. For Games. Alderman, Fairchild Co. 30,069; Mar. 16.
This is a Pair of Them. For Overalls. Levi Strauss & Company. 30,093; Mar. 16.
'We Never Close'. For Food Products. Basket Grocery Company. 30,074; Mar. 16.
Williams Dainty Lunch Preserves. For Preserves. Bliss Syrup Refining Co. 30,075; Mar. 16.

ALPHABETICAL LIST OF PRINTS.

'Bobby Is So Well Behaved'. For a Dessert Preparation. Jell-O Company, Inc. 8,640; Mar. 16.
From 'Danger Valley" up "Safety Hill"! For Wheat Breakfast Food. Cream of Wheat Co. 8,634; Mar. 16.
Giro's Paisley Design. For a Dessert Preparation. Jell-O Company, Inc. 8,637; Mar. 16.
Heinz Cream Soups Contain Rich Dairy Cream. For Cream-of-Tomato Soup. H. J. Heinz Company. 8,636; Mar. 16.
How It Is Done In The Movies. For a Dessert Preparation. Jell-O Company, Inc. 8,641; Mar. 16.
Marion Power's Spanish Jell-O. For a Dessert Preparation. Jell-O Company, Inc. 8,638; Mar. 16.
Served at Our Fountain. For Maid of Honor Crushed Fruits and Sirups. Richardson Corp. 8,643; Mar. 16.
SX-XS—(Sux)S. For Motor Vehicles. C. H. Fromme. 8,635; Mar. 16.
'The Hayden Girl'. For a Dessert Preparation. Jell-O Company, Inc. 8,639; Mar. 16.
The Teenie Weenies and Their Secret. For Peanut Butter. Reid, Murdoch & Co. 8,642; Mar. 16.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal. F. S. Martin & Company. 225,669; Mar. 16.
Coal. Pittsburg and Midway Coal Mining Company. 225,674; Mar. 16.
Goatskins, calfskins, and cowhide, Finished. H. Loewenstein. 225,563; Mar. 16.
Minerals, Pulverized. International Pulp Co. 225,717; Mar. 16.

CLASS 2.

Bags, Paper. Advance Bag and Paper Company. 222,538; Mar. 16.
Bags, Paper. Advance Bag and Paper Company. 222,548; Mar. 16.
Bags, Paper. Advance Bag and Paper Company. 222,554; Mar. 16.
Boxes, fruit boxes, and vegetable boxes of wood, Berry. Coles & Company. 224,237; Mar. 16.
Boxes or cartons, Cigarette. Handipak Company. 225,920; Mar. 16.
Cases for receiving rolled cards, Tubular metallic. International Buyer's Service Inc. 226,004; Mar. 16.
Containers, Pasteboard shipping. New York Corrugated Case Co. 225,027; Mar. 16.
Envelopes and paper drinking cups, Merchandise. United States Envelope Company. 202,470; Mar. 16.

CLASS 3.

Baggage. Associnted Merchandising Corporation. 225,340; Mar. 16.

CLASS 4.

Abrasive papers and cloths. American Glue Company. 219,102; Mar. 16.
Cleansing preparations. Lustre Chemical Corporation. 208,058; Mar. 16.
Soap, Soap powder, metal polish, etc. Masury-Young Company. 221,754; Mar. 16.
Washing and cleaning compound. Whistle Bottling Company. 215,663; Mar. 16.

CLASS 6.

Alcohol, Chemicals for testing. G. S. Cornish. 226,716; Mar. 16.
Alcohol, Rubbing. A. M. Gugenheim. 225,712; Mar. 16.
Bath crystals. Louray Company. 221,371; Mar. 16.
Bay rum, cold cream, dental cream, face powders, etc. Dill Company. 221,244; Mar. 16.
Bitters. Caroni Products Company. 226,478; Mar. 16.
Cements. H. C. Thompson. 205,247; Mar. 16.
Composition, Boiler. Wilson-Spear Co. 226,269; Mar. 16.
Cordial for use for cholera morbus, colic, etc. Van Vleet-Mansfield Drug Co. 225,332; Mar 16.
Cough mixtures. Schwencke's Laboratories. 226,743; Mar. 16.
Court plaster, Antiseptic liquid. C. W. Dees. 224,450; Mar. 16.
Creams, night creams, and cleansing creams, Day. George W. Luft Company. 223,852; Mar. 16.
Creams, powders, and packs, toilet waters, rouges, etc., Face. Maté, Inc. 226,295; Mar. 16.
Creams, powders, packs, and lip sticks, perfumes, etc., Face. Maté, Inc. 226,297; Mar. 16.
Deodorant paste. Armor Chemical Company. 214,047; Mar. 16.
Disinfectants, deodorants, and germicides. Creolin Co. 224,597; Mar. 16.
Dressings, Warp. Drake Corporation. 204,545; Mar. 16.
Eggs and for the treatment of cholera, gape, etc., and other diseases of poultry, Increasing the production of. Midwest Grocery Co. 226,729; Mar. 16.
Emulsion of cod-liver oil. Wm. S. Merrell Company. 226,818; Mar. 16.
Femenina, a medicinal preparation. Van Vleet-Mansfield Drug Co. 225,330; Mar. 16.
Gasoline as a motor fuel. Motorite, Inc. 226,437; Mar. 16.
Glycerin, Radiator. Peet Brothers Company. 224,421; Mar. 16.
Gum for the treatment of head colds, catarrh, etc., Medicated. J. Miller. 226,592; Mar. 16.
Hair colorings, tints, and dyes. Paragon Laboratories, Inc. 224,526; Mar. 16.
Hairdressings. Lyon & Lyon. 227,026; Mar. 16.
Insecticide. Standard Medical Co. 226,834; Mar. 16.
Insecticide. Temple Garden Tea Company. 226,697; Mar. 16.

Insecticide, disinfectant, and deodorant. M. W. Cookerow. 226,232; Mar. 16.
Insecticides. J. H. Larson. 223,098; Mar. 16.
Laxative gumdrops. Nu-Lax Mfg. Co. 225,377; Mar. 16.
Liniment, Arnica. Van Vleet-Mansfield Drug Co. 225,320; Mar. 16.
Lotion, and mouth wash, Poison oak, skin, and scalp. A. Barci. 219,215; Mar. 16.
Lotions, face powders, dental cream, bath salts, and mineral salts, Face. V. Pick. 226,679; Mar. 16.
Medical products, Mineral. Alexander Winter and Sons. 215,287–8; Mar. 16.
Medicaments, powders, tablets, and pills, digitalis, etc. A. Boehringer. 211,326; Mar. 16.
Medicine. A. Dygas. 225,915; Mar. 16.
Medicine. Van Pelt & Brown. 225,898; Mar. 16.
Medicine for the treatment of menstrual disorders. J. E. Knox. 226,856; Mar. 16.
Medicines. Tex-A-Tone Chemical Company. 224,997; Mar. 16.
Novarsenbenzol in tablet form. Les Etablissements Poulenc Freres. 203,623; Mar. 16.
Perfume in liquid and powder form and face powder. S. Palmer. 226,508; Mar. 16.
Perfumes, perfumed powders, and toilet water, etc. Colgate & Company. 226,047; Mar. 16.
Perfumes, toilet water, face powder, etc. M. Babani. 225,687; Mar. 16.
Perfumes, toilet water, hair tonics, nail polish, etc. Mari Trudeau Co. 224,569; Mar. 16.
Perfumes, toilet waters, face creams, rouges, etc. Lecaron Fils. 225,427; Mar. 16.
Pharmaceutical product adapted for the treatment of syphilis. Dr. M. Pomaret. 225,522; Mar. 16.
Polishes and nail-polish removers, Nail. Trix Perfumers. 226,835; Mar. 16.
Polishes, perfumes, face powders, talcum powders, Nail. Le Jolie Main, Inc. 225,428; Mar. 16.
Pomatum with a base of propidon vaccine. Les Etablissements Poulenc Freres. 208,621; Mar. 16.
Powder and scented powder for the bath and body, Incense. B. Alexander. 226,392; Mar. 16.
Powder, perfumes, toilet water, and face powder, Talcum. Colgate & Company. 222,310; Mar. 16.
Powders, creams, and packs, rouges, perfumes, etc., Face. M. Kominsky. 226,151; Mar. 16.
Powders, creams, packs, and toilet waters, rouges, etc., Face. A. P. Babcock Company. 226,414; Mar. 16.
Preparation for cleaning and lubricating ferrotype tins. Ferolene Sales Co. 225,182; Mar. 16.
Preparation for the treatment of indigestion, bloating, heartburn, etc. J. D. Hood. 225,714; Mar. 16.
Preparation for the treatment of sciatica, colds, la grippe, etc. Ridenour-Bayley Drug Co. 224,294; Mar. 16.
Preparation for use in the treatment of nervous indigestion, dyspepsia, etc. N. S. Applewhite. 226,874; Mar. 16.
Preparation for use in the treatment of rail cloth of pool tables. E. Hamblin, Jr. 226,140; Mar. 16.
Preparations for the treatment and prevention of vaginal catarrh and other female disorders, Hygienic. Holland-Rantos Co. 226,654; Mar. 16.
Preparations for treating textile fasers and fabrics during dyeing and sizing operations. Chemische Fabrik Pott & Co. 196,434; Mar. 16.
Remedies for the relief of gas indigestion, etc, Herb. S. Smithline. 225,204; Mar. 16.
Remedy for ivy poison. H. K. Mulford Company. 224,289; Mar. 16.
Remedy, Pile. Casmith Remedy Company. 226,763; Mar. 16.
Remedy, Veterinary. Dr. Wm. Cain Company. 225,701; Mar. 16.
Rodent exterminator. Toledo Rex Spray Company. 226,987–8; Mar. 16.
Sirup, Cough. S. C. Amter. 224,271; Mar. 16.
Solutions, Intravenous. Intravenous Products Company of America, Inc. 218,645; Mar. 16.
Solvents for cellulose esters. H. A. Metz & Co. 225,833; Mar. 16.
Sugar used in tanning, Corn. Bernhan Chemical & Metal Corp. 168,351; Mar. 16.
Suppositories for prevention and alleviation of disease of the pelvic organs peculiar to women. Dr. Pierre Chemical Co. 222,872–3; Mar. 16.
Suppositories for the prevention and alleviation of disease of the pelvic organs peculiar to women. Dr. Pierre Chemical Co. 222,876; Mar. 16.
Tetrabromphenolphthalein sodium salt. Mallinckrodt Chemical Works. 222,469; Mar. 16.
Tetralodphenolphthalein sodium salt. Mallinckrodt Chemical Works. 222,470; Mar. 16.
Theobrominacetate of soda. Les Etablissements Poulenc Freres. 203,624; Mar. 16.
Toilet articles. A. H. Arlt. 219,615; Mar. 16.
Toilet preparation. Vasco Products Incorporated. 224,437; Mar. 16.
Toilet water, face lotions, rouge, etc. Larimore Laboratories, Inc. 213,978; Mar. 16.

Tonic, General. Aktinol Laboratories, Inc. 224,442; Mar. 16.
Tonic, General. Munyon Remedy Company. 226,593; Mar. 16.
Toothache treatment. Kluger Products Co. 226,979; Mar. 16.
Vermifuge. Van Vleet-Mansfield Drug Co. 225,328; Mar. 16.

CLASS 8.

Pipes, Tobacco. A. Freeman. 221,052; Mar. 16.

CLASS 9.

Matches, Safety. Lion Match Co. 225,614; Mar. 16.

CLASS 12.

Cement, coloring for cement and mortar, material for dustproofing cement floors, etc., Colored. Master Builders Company. 209,169; Mar. 16.
Clay preparation used as a surface covering. H. A. Rogers Co. 222,996; Mar. 16.
Flooring, Rubber. Syra-Bord Rubber Flooring Corporation. 225,624; Mar. 16.
Plaster, Hair-fibered. Universal Gypsum Company. 204,734; Mar. 16.

CLASS 13.

Tires, Cross chains for automobile. St. Pierre Chain Corporation. 225,685; Mar. 16.

CLASS 15.

Gasoline. W. G. Black. 219,658; Mar. 16.
Greases, lubricating and fuel oils, and liquid motor fuels, Lubricating. S. R. Harrison. 224,870; Mar. 16.
Oils and greases and gasoline, Lubricating. Pierce Petroleum Corporation. 224,423; Mar. 16.

CLASS 16.

Polishes. E. T. Packard. 220,673; Mar. 16.
Varnishlike liquid for cedarizing wood. Don-O-Lac Co. 224,551; Mar. 16.

CLASS 17.

Cigars, cheroots, little cigars, cigarettes, etc. W. H. Rendall. 223,548; Mar. 16.
Tobacco, Chewing. Ryan-Hampton Tobacco Co. 225,449–51; Mar. 16.
Tobacco, Leaf. Tobacco Rehandling Co., Ltd. 222,889; Mar. 16.
Tobacco, snuff, cigars, and cigarettes, Chewing and smoking. Generaldirektion der Oesterreichischen Tabakregie. 214,355; Mar. 16.

CLASS 19.

Automobiles. Rieding Automobile Company. 224,988; Mar. 16.
Axles, brakes, fenders, etc. O. R. Peterson Co. 221,636; Mar. 16.
Shock absorber for motor vehicles. Gemco Manufacturing Company. 222,787; Mar. 16.
Taxicabs. Cabco Sales Corporation. 220,757; Mar. 16.
Vehicle signals. J. R. McMahon. 204,972; Mar. 16.

CLASS 22.

Doll wigs. Rosen & Jacoby. 224,931; Mar. 16.
Golf clubs. W. G. Oke. 212,196; Mar. 16.
Modeling set for children. Embossing Company. 189,888; Mar. 16.
Toys, Wooden. W. B. Scott. 221,571; Mar. 16.

CLASS 23.

Cement blocks, concrete blocks, and tile blocks, Machines for making. Cement Block Machinery Company. 224,000; Mar. 16.
Expanders, cutters, and beading tools, Tube and flue. Gustav Weldeke Co. 209,013; Mar. 16.
Grinders, Valve. E. F. Monohon. 222,082; Mar. 16.
Machinery, Creamery. Creamery Package Mfg. Company. 218,900; Mar. 16.
Trimmers and crimpers, Pie. E. G. Minneman. 221,764; Mar. 16.
Type plates for printing on cloth, paper, etc., knife and tool handles, typewriter parts, etc. Bakelite Corporation. 222,427; Mar. 16.
Windmills and repair and replacement parts therefor. Dempster Mill Manufacturing Company. 225,006; Mar. 16.

CLASS 26.

Spectacles, spectacle frames, and parts thereof. Bobrow Optical Mfg. Co. 222,659; Mar. 16.

CLASS 29.

Brushes, Household. New Jersey Brush Company. 215,471; Mar. 16.
Cloths and cloth dusters, Wiping. M. Noodelman. 224,879; Mar. 16.
Hairbrushes. J. A. McCormack. 224,715; Mar. 16.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 30.

Chinaware. Nathan Straus & Sons, Inc. 213,864; Mar. 16.

CLASS 32.

Chairs, settees, and tables. L. B. Newman. 221,499; Mar. 16.
Furniture, Household and office. Schmieg, Hungate & Kotzian, Inc. 222,194; Mar. 16.
Tables, card tables, sewing tables, etc., Game. W. C. Wetmore. 220,692; Mar. 16.

CLASS 34.

Boilers and coal furnaces. Hart & Crouse Company. 216,098; Mar. 16.
Fuel-burning devices. W. B. Wilde Co. 218,678; Mar. 16.
Furnaces and water heaters, hot-water boilers, etc., Hot-air. American Furnace & Foundry Co. 211,195; Mar. 16.
Furnaces, Coal. Oakland Foundry Company. 221,197; Mar. 16.
Furnaces for facilitating the consumption of coal gas, Mixers for use in. P. Kennedy. 189,461; Mar. 16.
Heaters, Automobile. E. Burke. 219,714; Mar. 16.
Lamps and parts thereof. Aladdin Industries, Incorporated. 221,938; Mar. 16.
Stoves and furnaces, Coal. Premier Warm Air Heater Company. 207,402; Mar. 16.

CLASS 35.

Belts, Fan. Chas. A. Schieren Company. 216,435; Mar. 16.
Hose, transmission belting, and piston packing, Garden and steam. Pioneer Rubber Mills. 224,292; Mar. 16.
Packing and gaskets made therefrom, Sheet water and oil. E. B. Melrath. 225,671; Mar. 16.
Piston packing. Pioneer Rubber Mills. 207,145; Mar. 16.
Tire patches. American Auto Supply Co. 225,755; Mar. 16.

CLASS 36.

Phonograph instruments and the like, Records for. Oriental Music Shop, Inc. 220,913; Mar. 16.

CLASS 38.

Column, Humor. NEA Service, Inc. 226,364; Mar. 16.
Labels, Gummed. Fenton Label Co. 227,007; Mar. 16.
Magazine, Annual. Newark Newsdealers Supply Co. 225,887; Mar. 16.
Magazine, Monthly. American Nature Association. 226,219; Mar. 16.
Magazine. Monthly. Danger Trail, Inc. 227,063; Mar. 16.
Magazine, Monthly. S. J. Wolf. 226,525; Mar. 16.
Magazines issued quarterly. Character Studies, Inc. 226,096; Mar. 16.
Newspaper articles. New England Newspaper Publishing Company. 225,572; Mar. 16.
Newspaper, Daily. Illinois State Journal. 226,003; Mar. 16.
Newspaper items. Register and Tribune Company. 227,138; Mar. 16.
Publication and magazine, Periodical. Lafayette-South Side Bank of St. Louis. 226,291; Mar. 16.
Publication, Monthly. Dayton Company. 226,887; Mar. 16.
Tags, cards, seals, and cut-outs. Dennison Manufacturing Company. 226,337–8; Mar. 16.
Tags, cards, seals, and cut-outs. Dennison Manufacturing Company. 226,419; Mar. 16.

CLASS 39.

Aprons, bibs, paper slippers, etc. Reliance Paper Co. 219,203; Mar. 16.
Bathing suits, juvenile bathing suits, bathing shirts, etc. Peckham-Foreman Inc. 224,926; Mar. 16.
Bib, Baby's. R. C. Melvin. 225,024; Mar. 16.
Bloomers. D. W. Kaatze Co. 226,659; Mar. 16.
Bloomers, step-ins, vests, and princess slips. Norwich Knitting Co. 226,556; Mar. 16.
Boots, shoes, and slippers. James Branch & Sons, Limited. 225,661; Mar. 16.
Clothing made from woven, knitted, netted, and textile fabrics. Wilson & Glenny, limited. 218,349; Mar. 16.
Coats, Fur. Robitshek-Robbins Co. 222,944; Mar. 16.
Corset waists, pyjamas, rompers, union suits, etc. Thos. P. Taylor Co. 225,453; Mar. 16.
Dresses, Ladies' and misses'. Stratford Costumes, Inc. 214,755–6; Mar. 16.
Gloves, aprons, leggings, and men's rubberized coats. Rubberized. Tufoak Products Co. 212,409; Mar. 16.
Gowns, hats, lingerie, shawls, and scarfs, Women's and children's. E. K. Andrews. 218,095; Mar. 16.
Hats and shoes, ladies' leather and fabric gloves and waists, Ladies', misses', and children's. Worth, Inc. 222,905; Mar. 16.
Hats for women and children. Hart & Company. 222,068; Mar. 16.
Hats, Ladies'. Self Service Millinery Stores, Inc. 223,259; Mar. 16.
Hosiery. Bear Brand Hosiery Co. 184,061–2; Mar. 16.
Hosiery. Bear Brand Hosiery Co. 221,347; Mar. 16.
Hosiery. Ivy Corset Company. 224,663; Mar. 16.
Hosiery. Philadelphia Knitting Mills Company. 225,379; Mar. 16.
Hosiery. Ed. Schuster & Co. 226,025; Mar. 16.
Hosiery. Sears, Roebuck and Co. 226,307; Mar. 16.
Hosiery. State Textile Corporation. 225,493; Mar. 16.
Hosiery and silk underwear. W. P. Brown. 220,892; Mar. 16.
Hosiery, shirts, overalls, and gloves. D. L. Pransky. 169,822; Mar. 16.
Hosiery, underwear, and sweaters, shirts, pants, and overalls for men and children. Smith, Gormly Co., Inc. 223,874; Mar. 16.
Lingerie. F. D. Spruance. 222,412; Mar. 16.
Overalls and shirts, mackinaw coats, leather coats and vests, hiking pants, etc. Cohn-Goldwater Manufacturing Co. 204,158; Mar. 16.
Pants, overalls, apron overalls, and jackets. Sweet-Orr & Co. 226,607; Mar. 16.
Pyjamas. Steiner & Son, Inc. 215,388; Mar. 16.
Shirts. Cluett, Peabody & Co. 226,229; Mar. 16.
Shirts. I. Janov & Company. 226,104; Mar. 16.
Shirts, Dress. Syracuse Dry Goods Company. 226,450; Mar. 16.
Shirts, Men's dress. W. P. Rowell & Son Inc. 226,868; Mar. 16.
Shirts, Outer dress, negligee, sport, and work. Commercial Shirt Corp. 222,730; Mar. 16.
Shirts, pants, and overalls, Work. J. M. Haggar. 221,056; Mar. 16.
Shirts, pyjamas, and nightgowns. I. Janov and Co. 218,415; Mar. 16.
Shoes, slippers, heels, and shoe findings, etc. I. Miller & Sons, Inc. 217,038; Mar. 16.
Shoes, slippers, overshoes, heels, and shoe findings, etc. I. Miller & Sons, Inc. 217,036; Mar. 16.
Shoes, Tennis. Saks & Company. 225,619; Mar. 16.
Shoes, Women's. Roth Shoe Mfg. Company. 215,270; Mar. 16.
Stockings, Children's C. Sarfert. 226,918; Mar. 16.
Suits, Bathing. Gotham Knitting Mills. 226,425; Mar. 16.
Suits, Bathing. Hercules Knitting Co. 225,424; Mar. 16.
Suits, coats, trousers, overcoats, and raincoats, Men's and boys' Zurkow & Son, Incorporated. 226,757; Mar. 16.
Suits, overcoats, bath robes, and lounging robes, Boys'. R. H. Macy & Co. 225,565; Mar. 16.
Sweaters, shawls, skirts, slips, etc. Wm. H. Horstmann Company. 209,294; Mar. 16.
Undergarments of knitted silk fabric, Combination. Van Raalte Co. 225,456; Mar. 16.
Underwear for men and boys. Collegian Underwear Co. 218,292; Mar. 16.
Underwear, Ladies' textile-fabric. Chas. A. Kupferman Co. 224,872; Mar. 16.
Underwear of textile fabric, hosiery, sweaters, and bathing suits. Dixie Underwear Co. 221,099; Mar. 16.
Union suits and underwear, Men's. C. M. Walker. 226,179; Mar. 16.
Union suits, Children's. Marshall Field & Company. 226,051; Mar. 16.
Wear and hosiery, Juvenile. Posner Hosiery, Inc. 226,019; Mar. 16.

CLASS 40.

Buttons. Auburn Button Works Incorporated. 225,101; Mar. 16.
Fabrics stamped with embroidery patterns, Textile. John R. Lankenau Co. 217,519; Mar. 16.
Needles. Stelos Company. 226,028; Mar. 16.

CLASS 42.

Fabric in the piece, Pile. Sidney Blumenthal & Co. 220,755–6; Mar. 16.
Fabrics. John B. Ellison & Sons. 216,899; Mar. 16.
Fabrics, Cotton textile. Neupakaer Baumwollspinnerei & Weberei Gottlieb Schnabel. 216,925; Mar. 16.
Silk knitted fabric, Artificial-. N. Halperin. 208,703; Mar. 16.
Silk knitted fabric, Artificial-. N. Halperin. 208,705; Mar. 16.
Silk piece goods. Empire Silk Company. 207,234; Mar. 16.
Silk piece goods. E. A. Rieger. 226,211; Mar. 16.
Woolen piece goods. Forstmann & Huffmann Company. 204,599; Mar. 16.

CLASS 43.

Yarns and yarns of silk and rayon mixture, Silk. Albert J. Pfeifer, Inc. 225,801; Mar. 16.

CLASS 44.

Dentifrices. A. C. Levering. 226,294; Mar. 16.
Serviettes. Thomas Products, Inc. 223,815–22; Mar. 16.
Syringes, Rubber. Superior Hard Rubber Company. 214,980; Mar. 16.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 45.

Beverages sold as soft drinks. Schweickert & Bass, Inc. 224,730; Mar. 16.
Ginger ale. Whistle-Deep Rock Corporation of New York. 210,334; Mar. 16.
Ginger ale and sirup for making the same. Joseph Battaglino & Sons. 218,894; Mar. 16.
Grape juice. Italian-Swiss Colony. 224,662; Mar. 16.
Root-beer sirup and root beer made from such sirup. Richardson Corporation. 225,203; Mar. 16.

CLASS 46.

Apples. Maynard & Child. 224,522; Mar. 16.
Apples and pears, Fresh. A. P. Bakich. 220,989; Mar. 16.
Butter and cheese. Alderney Dairy Company. 224,689; Mar. 16.
Candy. H. Helstrom. 218,966; Mar. 16.
Candy. I. Kosloff and Sons. 224,098; Mar. 16.
Candy. Tru-Blu Biscuit Company. 224,583; Mar. 16.
Canned comminuted meats, sandwich spread, etc. Libby, McNeill & Libby. 225,612; Mar. 16.
Canned fruits and vegetables. Red Owl Stores, Incorporated. 220,806; Mar. 16.
Canned fruits, vegetables, sea food, etc. Sehon, Stevenson & Co. 224,057; Mar. 16.
Canned salmon. Roundup Grocery Company. 226,689; Mar. 16.
Canned soups. American Oyster Co. 226,461; Mar. 16.
Canned vegetables. West Salem Canning Co. 220,053; Mar. 16.
Canned vegetables. West Salem Canning Company. 225,853; Mar. 16.
Canned vegetables and fruits, salmon, and pork and beans. Indianapolis Fancy Grocery Co. 226,655; Mar. 16.
Canned vegetables and oysters, and eggs sold in boxes. Donahoe's Inc. 225,954; Mar. 16.
Chocolate, powdered milk, and cane sugar for making chocolate beverage and candy, Compound of. Altamay Chocolate Co. 226,623; Mar. 16.
Chocolates in bulk and packages, chocolate creams, marshmallows, cream bars, etc. Neve's Incorporated. 224,525; Mar. 16.
Coffee. Granger & Co. 209,785; Mar. 16.
Coffee. F. C. Hecker. 222,612; Mar. 16.
Coffee. Wilson Coffee Co. 226,704; Mar. 16.
Extracts, Food-flavoring. KKK Medicine Company. 219,124; Mar. 16.
Flavoring filling for cakes and desserts. E. M. Hatherley. 224,561; Mar. 16.
Flour, Wheat. Ballard & Ballard Co. 224,587–92; Mar. 16.
Food for poultry, Scratch. J. Grossman. 224,704; Mar. 16.
Food preparation. Bejem Corporation. 226,091; Mar. 16.
Fruit, Fresh citrous. Strathmore Fruit Growers Association. 223,058; Mar. 16.
Grapefruit, satsumas, tangerines, etc. Texas Citrus Fruit Growers Exchange. 221,145; Mar. 16.
Grapefruit, satsumas, tangerines, oranges, and lemons. Texas Citrus Fruit Growers Exchange. 221,289; Mar. 16.
Grapefruit, tangerines, oranges, etc. Texas Citrus Fruit Growers Exchange. 221,290–1; Mar. 16.
Jelly, fruit preserves, mustard, cider vinegar, etc. Penn Vinegar Company. 217,359; Mar. 16.
Lemonade bonbons, Effervescing. W. Jentzsch. 224,190; Mar. 16.
Malt sirup for food purposes. Valentin Blatz Brewing Company. 223,423; Mar. 16.
Oranges, lemons, grapefruit. Walnut Fruit Growers Association. 217,434; Mar. 16.
Pork tenderloins, Smoked. Jacob Forst Packing Company. 214,543; Mar. 16.
Potatoes. William Chase & Co. 225,551; Mar. 16.
Rice. R. E. Putnam. 220,866; Mar. 16.
Sild, bristling, and herrings. Aktieselskabet Hvistendahl & Werring Limited. 209,016; Mar. 16.
Tomatoes, celery, cauliflower, and grapes. Glore & Rick. 226,858; Mar. 16.

CLASS 48.

Beverages, Pure culture or ferment employed in the production of cereal. M. Wahl. 224,586; Mar. 16.
Malt beverage, Cereal. New England Brewing Co. 225,131; Mar. 16.
Malt extracts, and malt hop extracts. G. & E. Trading Corp. 219,391; Mar. 16.

CLASS 49.

Brandies, liquors, punches, etc. Egon Braun Aktiengesellschaft. 223,693; Mar. 16.

CLASS 50.

Waterproof fabric. J. C. Haartz Co. 224,456; Mar. 16.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 16TH DAY OF MARCH, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Aalborg, Christian, Pittsburgh, Pa. Vacuum sweeper. 1,576,701; Mar. 16.
Abelt, Richard C., jr., Argonne, Wis. Electric light. 1,577,151; Mar. 16.
Ackerman, Frank, St. Louis, assignor to Curtis & Company Manufacturing Company, Wellston, Mo. Pressing or lifting device. 1,576,494; Mar. 16.
Ackerman, Frank, St. Louis, assignor to Curtis & Co. Mfg. Co., Wellston, Mo. Electrically-operated bridge crane. 1,576,702; Mar. 16.
Adams, Floyd W. (See Perry B. P., and Adams.)
Adams, Harold A., East Bakersfield, assignor of one-fourth to J. Nelson and one-fourth to C. R. Dougherty, Bakersfield, and one-fourth to O. R. Dunbar, Long Beach, Calif. Combined shock absorber and snubber. 1,576,801; Mar. 16.
Adams, John, and W. H. Adams, Burlington, N. J. Scraper hitch. 1,577,152; Mar. 16.
Adams, William H. (See Adams, John and W. H.)
Advance-Rumely Company. (See Secor, John A., assignor.)
Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Duplex balancing arrangement. 1,576,566; Mar. 16.
Ahlstedt, Sven E., Chicago, Ill. Combined piano bench and sheet-music rack. 1,577,091; Mar. 16.
Ajouelo, Davis J., and I. L. Crawford, Altanta, Ga. Ice-cream and cone vending machine. 1,577,241; Mar. 16.
Aktiebolaget Auto-Pins. (See Egelin, Ernst C., assignor.)
Albach, Frank. (See Medart, P. S., and Albach.)
Alben, Frank L. (See Houston, H. A., and Alben.)
Albert, Walter P., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,577,051; Mar. 16.
Albrecht, John, Kewaunee, Wis. Mechanism for making box bottoms. 1,576,495; Mar. 16.
Aldeen, Gedor W., assignor to Fyrac Manufacturing Co., Rockford, Ill. Movement-limiting device for spotlights. 1,577,153; Mar. 16.
Alfrey, Dema M. (See Alfrey, Harry D., assignor.)
Alfrey, Harry D., assignor to D. M. Alfrey, Crawfordsville, Ind. Cabinet. 1,576,802; Mar. 16.
Allen, Homer, Slick, Okla. Pulley. 1,576,891; Mar. 16.
All-Steel-Equip Company. (See Knell, John, assignor.)
Allyn, Leon L. (See Wigginton, G. P., Allyn, and Stuart.)
Altorfer, Hulderich. (See Forter, R., and Altorfer.)
Alphons Custodis Chimney Construction Company. (See Marsden, Firth, assignor.)
Alvarez, Antonio, Oakland, assignor to M. J. Brandenstein & Company, San Francisco, Calif. Container. 1,577,351. Mar. 16.
Ambler, Arthur A., New Brunswick, N. J. Pig-iron breaker. 1,577,154; Mar. 16.
American Cyanamid Company. (See Buchanan, Guy H., assignor.)
American Liquid Meter Company. (See Bassler, Carlos J., assignor.)
American Manufacturing & Sales Co. (See Gerber, Ralph, assignor.)
American Metal Cap Company. (See Hammer, Charles, assignor.)
American Motor Body Corporation. (See Day, Rodney D., assignor.)
American Motor Body Corporation, The. (See Hansen, Conrad T., assignor.)
American Optical Company. (See Maynard, Albert E., assignor.)
American Optical Company. (See Schumacher, Elmer L. assignor.)
American Telephone and Telegraph Company. (See Affel, Herman A., assignor.)
American Telephone and Telegraph Company. (See Cory, Samuel L., assignor.)
American Telephone and Telegraph Company. (See Jacobsen, Emil, assignor.)
American Telephone and Telegraph Company. (See Toomey, John F., assignor.)
American Wire Cord Tire Company. (See Weigel, Daniel M., assignor.)
American Woodlite Corporation. (See Caughlan, Martha W., assignor.)
Amsco Products, Inc. (See Hardy, Charles, assignor.)
Andersen, Christopher C., Salt Lake City, Utah. Self-cleaning valve stem. 1,577,242; Mar. 16.
Andersen, Fridtjof, Trollhattan, assignor to Trollhattans Elektrothermiska Aktiebolag, Stockholm, Sweden. Electric rotating resistance furnace. 1,576,621; Mar. 16.
Anderson, Edwin B., Taunton, Minn. Vehicle coupler. 1,576,803; Mar. 16.
Anderson, Harry, and G. W. V. Hackett, Los Angeles, Calif. Registration-card holder. 1,576,703; Mar. 16.
Anderson, James W., and W. J. Hemphill, Ottawa, Ontario, and R. Richardson, South March, Ontario, Canada. Oil burner. 1,577,093; Mar. 16.
Anderson, John., Lincoln, Kans. Wrench. 1,577,155; Mar. 16.
Andersson, Axel, Lund, Sweden. Bottle holder for bottle-washing machines. 1,577,092; Mar. 16.
Anglo-Canadian Mining and Refining Company. (See Hybinette, Nonk V., assignor.)
Angus, Arthur R., Westminster, London, England. Control of trains. 1,576,805; Mar. 16.
Antiscale Corporation. (See Elmore, G. H., and Creighton, assignors.)
Arbron, Thomas J., assignor to The Perfection Appliance Co., Detroit, Mich. Ironing machine. 1,576,804; Mar. 16.
Archer, Robert, sr., Fort Washington, Pa. Doorchecks. 1,576,496; Mar. 16.
Arms, Leland J., assignor to R. C. Pell, jr., San Francisco, Calif. Container for folded tissue toilet paper. 1,577,094; Mar. 16.
Arnold, Adelaide F., et al. (See Friedman, William, assignor.)
Arnold, Dan H., et al. (See Friedman, William, assignor.)
Arnold, F. R. & Company. (See Friedman, William.)
Arnold, Frank, Bridgeport, Conn. Combination tool. 1,577,095; Mar. 16.
Arnold, John W., et al. (See Friedman, William, assignor.)
Arnold, Mildred C., et al. (See Friedman, William, assignor.)
Asbestos Corporation of Canada, Limited. (See Pharo, Lee C., assignor.)
Asche, Ludwig, Leigh, Nebr. Planter. 1,577,156; Mar. 16.
Atkinson, Charles H., Saratoga, Calif. Door-control mechanism. 1,576,704; Mar. 16.
Atlas Powder Company. (See Jessen, Charles C., assignor.)
Auspitzer, Otto, Neu Oderberg, Czechoslovakia. Method and apparatus for comminuting solids and forming colloidal solutions. 1,577,052; Mar. 16.
Aust, Arthur A., Columbus, Ohio. Windmill. 1,577,098; Mar. 16.
Austin, Elias N., New York, N. Y. Milk dispensing and measuring device. 1,576,497; Mar. 16.
Austin, Frederick W., Oldham, England. Chain-controlling mechanism for tufted-pile-fabric looms. 1,576,892; Mar. 16.
Automatic Electric Inc. (See Crocker, Thomas F., assignor.)
Automatic Electric Inc. (See Gillings, C., and Mercer, assignors.)
Automatic Electric Inc. (See Richardson, Rodney G., assignor.)
Automatic Electric Inc. (See Wicks, John, assignor.)
Averill, Earl A., Mount Vernon, assignor to The Superheater Company, New York, N. Y. Method and device for treating liquids. 1,577,157; Mar. 16.
Avril, Joseph, assignor of one-half to Pacific States Bedding & Furniture Co., Los Angeles, Calif. Nonstretchable mattress. 1,576,893; Mar. 16.
Axelson Machine Company. (See Jardh, Wilhelm, assignor.)
B-S Manufacturing Products Corporation. (See Feeley, Matthew R., assignor.)
Babcock, Fred J., Dexter, assignor to Stebbins Engineering & Manufacturing Company, Watertown, N. Y. Apparatus for making sulphite liquor. 1,576,705; Mar. 16.
Bachrach, Joseph. (See Nilsson, O. F., and Bachrach.)
Badger, Thomas N., Berkeley, Calif. Mail receiver. 1,576,894; Mar. 16.

Bagwell, Landrum E., Drayton, and D. C. Jones, Greenville, S. C., assignors to Crompton & Knowles Loom Works, Worcester, Mass. Multiplier for looms. 1,576,706; Mar. 16.

Bailey, George W. (See Hamilton, H. C., and Bailey.)

Bailey, Vernon, Washington, D. C., assignor to Government and People of the United States. Animal trap. 1,576,707; Mar. 16.

Baker Manufacturing Company, The. (See Staley, Raleigh H., assignor.)

Baker-Raulang Company, The. (See Fischer, William C., assignor.)

Baker, William E., Brighton, England. Ironing machine. 1,576,498; Mar. 16.

Bakken, Andrew H., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Disconnecting switch. 1,576,708; Mar. 16.

Balzer, Fritz, Moline, assignor to Troy Laundry Machinery Co., Ltd., Chicago, Ill. Control mechanism. 1,576,622; Mar. 16.

Barbarite Corporation. (See Barrett, Harold G., assignor.)

Barber, William, New York, N. Y. Demountable rim structure for wheels. 1,577,158; Mar. 16.

Barnett, J. S., et al. (See Berkshire, Melvin, assignor.)

Barney, Edwin E., New Rochelle, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,576,941; Mar. 16.

Barr, Marshall E., Franklin Park, Ill. Track brake for railways. 1,576,623; Mar. 16.

Barrett Company, The. (See Perry R. P., and Adams, assignors.)

Barrett, Harold G., Wilmette, assignor to Barbarite Corporation, Chicago, Ill. Metallic reenforcing core for golf-club shafts and the like and making the same. 1,577,159; Mar. 16.

Baskerville, John B., Roanoke, Va. Impact recorder. 1,577,160; Mar. 16.

Bassler, Carlos J., assignor to American Liquid Meter Company, Portland, Oreg. Air-relief valve. 1,576,709; Mar. 16.

Bastis, Emil T., Minneapolis, Minn. Windshield. 1,577,098; Mar. 16.

Barthel, Hermann, Schweinfurt, Germany. Machine for grinding rollers. 1,577,097; Mar. 16.

Bate, Thomas C., et al., trustees. (See Jackson, Maunsell B., assignor.)

Bath, John, Worcester, Mass. Adjustable internal gauge. 1,577,099; Mar. 16.

Baum, Gustav, Weissenstein, Austria. Distillation of persulphuric acid and of solutions of persulphuric-acid salts. 1,577,201; Mar. 16.

Bauman, Harry A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Bathing cap. Des. 69,683; Mar. 16.

Bausch and Lomb Optical Company. (See Jeaneret, Albert A., assignor.)

Bausch and Lomb Optical Company. (See Stevens, Frederick A., assignor.)

Bausch and Lomb Optical Company. (See Stevens, F. A., and Welsh, assignors.)

Baxenden, Thomas G., Watford, England. Spool for photographic-camera films and similar purposes. 1,577,202; Mar. 16.

Bayley, Alfred J. (See Chaplin, Manley J., assignor.)

Beaumont, R. H., Company. (See Beaumont, Robert H., assignor.)

Beaumont, Robert H., Radnor, assignor to R. H. Beaumont Company, Philadelphia, Pa. Hoist. 1,577,161; Mar. 16.

Beck Duplicator Company, The. (See Fecher, Frederick F., assignor.)

Beebe, Lucian H., New London, Conn. Tent. 1,576,942; Mar. 16.

Beekley, Wilber S., Glendale, Ohio. Marine propulsion paddle wheel. 1,576,641; Mar. 16.

Beery, John H., assignor to The Bolmer Manufacturing Company, Springfield, Ohio. Molding apparatus. 1,577,100; Mar. 16.

Bein, Isaac, New York, N. Y. Window-sash-securing means. 1,577,053; Mar. 16.

Belian, Lorena M., et al. (See Mulvany, Clyde T., assignor.)

Belian, Markus H., et al. (See Mulvany, Clyde T., assignor.)

Beitzell, August F., and C. B. Wheltle, Baltimore, Md. Ship propulsion. 1,577,101; Mar. 16.

Bell & Howell Company. (See Howell, Albert S., assignor.)

Bell, James A., Clintonville, Wis. Convertible tractor truck device. 1,576,499; Mar. 16.

Bell, William A. J. (See Thews, Karl B., assignor.)

Benda, Louis, Mainkur, near Frankford-on-the-Main, and O. Sievers, Fechenheim-on-the-Main, Germany, assignors to Leopole Cassella & Co., Gesellschaft mit beschränkter Haftung. Production of acridinium compounds. 1,577,415; Mar. 16.

Bendikson, Iver P., Mandan, N. Dak. Car door. 1,576,500; Mar. 16.

Benjamin Electric Manufacturing Company. (See McClatchie, Stanley, assignor.)

Benjamins, Israel, Brooklyn, N. Y. Mechanism for power transmission and speed variation in automobiles. 1,576,624; Mar. 16.

Bennington, Earl T., Cleveland Heights, assignor to The Cleveland Crane and Engineering Company, Wickliffe, Ohio. I-beam monorail. 1,577,162; Mar. 16.

Bennis, Alfred W., Bolton, England. Compressed-air furnace. 1,577,416. Mar. 16.

Berg, Olaf, St. Paul, Minn. Oarlock. 1,577,417. Mar. 16.

Berger, Matthew R., Philadelphia, Pa. Gutter-hanger circle. 1,577,163; Mar. 16.

Berkmann, Boris, Chicago, Ill. Surgical instrument. 1,577,054; Mar. 16.

Berkshire, Melvin, assignor of one-half to J. S. Barnett, A. Zimmer, and V. C. Stocker, Newcomerstown, Ohio. Pump. 1,577,102; Mar. 16.

Bertschy, George Z., assignor to J. W. O'Neill, Oakland, Calif. Combination pushing and pulling jack. 1,577,055; Mar. 16.

Best, Frank E., assignor to Frank E. Best, Inc., Seattle, Wash. Stop means for locks. 1,576,943; Mar. 16.

Best, Frank E., Inc. (See Best, Frank E., assignor.)

Bethlehem Steel Company. (See Froelich, Clarence H., assignor.)

Bethlehem Steel Company. (See Froelich, C. H., and Miller, assignors.)

Betzell, William F., Washington, D. C. Vehicle wheel. 1,476,895; Mar. 16.

Beulke, Gordon W., St. Paul, Minn., assignor to Standard Conveyor Company. Live-roller conveyor. 1,576,710; Mar. 16.

Bevan, Albert E. (See McDonald, C. R., and Bevan.)

Bibo, Valentin, Los Angeles, Calif. Foldable baby carriage. 1,576,501; Mar. 16.

Bisch, Louis E., Asheville, N. C. Automobile side curtain. 1,577,164; Mar. 16.

Bishop, Joseph W., Muskegon, Mich, assignor to The Brunswick-Balke-Collender Company, Wilmington, Del. Molding die. 1,576,642; Mar. 16.

Bisbow, Joseph D., Los Angeles, Calif. Newspaper and periodical tie. 1,576,711; Mar. 16.

Bissell, Carl H., assignor to Crouse-Hinds Co., Syracuse, N. Y. Quick-break switch and operating mechanism. 1,576,896; Mar. 16.

Bjork, Carl, Wilmington, Calif. Engineer's and draftsman's loose-leaf sketch and print case. 1,577,056; Mar. 16.

Blake Electric Mfg. Co. (See Smith, Harry C., assignor.)

Blakeman, Benjamin F., assignor of one-half to A. W. Craver, Greensboro, N. C. Copyholder. 1,577,165; Mar. 16.

Blamfield, Charles, Boston, Mass. Fire lighter. 1,577,166; Mar. 16.

Blanchard, Frank E., Chicago, Ill. Lubricant-pressure-controlling means for internal-combustion engines. 1,576,502; Mar. 16.

Blodgett, Arthur W., Grand Rapids, Mich. Stepladder. 1,576,625; Mar. 16.

Blood, Bryant H., Hartford, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Burnishing gears. 1,576,806; Mar. 16.

Blosser, Herman G., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,576,944; Mar. 16.

Blosser, Herman G., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,576,945; Mar. 16.

Blume, Emile, Harburg-on-Elbe, Germany. Exhaust-pipe nozzle for locomotives. 1,577,167; Mar. 16.

Bock Bearing Company, The. (See Flaherty, John F., assignor.)

Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Polymerisation of butyraldehyde. 1,576,503; Mar. 16.

Boizard, Raoul, Paris, France. Mirror of reflector water-level gauges. 1,576,897; Mar. 16.

Bold, Albert J., and K. J. Thorsby, assignors to California Corrugated Culvert Company, Oakland, Calif. Check gate. 1,576,712; Mar. 16.

Bolmer Manufacturing Company, The. (See Beery, John H., assignor.)

Bolton, Archer, North Andover, Mass. Built-up jacket for Jordan-engine plugs. 1,576,504; Mar. 16.

Borkman, George F. (See Pihl, Albert, assignor.)

Borreson, Borre H., St. Paul, Minn. Holder for registration cards. 1,576,713; Mar. 16.

Both, Tonjes A., Stratford, assignor to The Connecticut Electric Manufacturing Company, Bridgeport, Conn. Jewel stone. Des. 69,684; Mar. 16.

Bowers, William E., Baltimore, Md. Portable combined ink pad and support. 1,577,168; Mar. 16.

Bowman, Gustaf L., Valparaiso, Ind. Animal-control device. 1,576,714; Mar. 16.

Boyd, Rutherford. (See Nitardy, F. W., and Boyd.)

Boyle, Charles A., Brooklyn, N. Y. Amusement device. 1,577,169; Mar. 16.

Boynton, Stanley E., Rochester, N. Y., assignor to Fits-Empire Double Pivot Last Company, Auburn, Me. Last making. 1,576,715; Mar. 16.

Boyle, Murat. (See Hancock, W. T., and Boyle.)

Bradt, Merritt B. (See Cook, W. E., and Bradt.)

Brandenstein, M. J., & Company. (See Alvarez, Antonio, assignor.)

Brewer, Charles A., Noroton Heights, Conn., assignor to Cannon Engineering Co., Brooklyn, N. Y. Generator for steam pressing irons. 1,576,568; Mar. 16.

Bridges, Charles E., Long Beach, Calif. Automatic air gauge. 1,577,243; Mar. 16.

Briscoe Devices Corporation. (See McCalmont, Albertus W., assignor.)

Brooklyn Shield & Rubber Company. (See Rand, Le Roy H., assignor.)

Brown, Elmo L., Asheville, N. C. Flower-stem-reenforcing machine. 1,576,898; Mar. 16.

Brown, Howard M., Chester, Pa. Recorder and indicator. 1,577,170; Mar. 16.

Brown, Jacob S., assignor of one-half to W. F. Eichenhofer, Los Angeles, Calif. Rotary drill bit. 1,577,244; Mar. 16.

Brown, William K., Christmas Lake, assignor to Twin City Scenic Company, Minneapolis, Minn. Tensioning and anchoring device. 1,577,103; Mar. 16.

Brownlee, Roy H., and R. H. Uhlinger, assignors, by mesne assignments, to Carbo-Oxygen Company, Pittsburgh, Pa. Metal cutting, welding, or the like. 1,577,171; Mar. 16.

Bruegel, Edward A., et al. (See Richards, Silas G., assignor.)

Brunswick-Balke-Collender Company, The. (See Bishop, Joseph W., assignor.)

Brush, Alanson P., Detroit, Mich. Manifold construction for internal-combustion engines. 1,576,569; Mar. 16.

Bua, Frank A., Lodi, N. J. Tuning device for violins. 1,577,245; Mar. 16.

Buchanan, Guy H., Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Method of and means for stabilising liquid hydrocyanic acid. 1,577,057; Mar. 16.

Buchli, Jacob, Winterthur, Switzerland. High-pressure steam boiler for locomotives. 1,576,807; Mar. 16.

Buhl-Bonanno, Lucille, Mount Vernon, assignor to Lucille Buhl Vanity Products Co., Inc., New York, N. Y. Lip stick. 1,576,567; Mar. 16.

Buhl, Lucille, Vanity Products Co. (See Buhl-Bonanno, Lucille, assignor.)

Builders Iron Foundry. (See Connent, Frederick M., assignor.)

Bunnell, Willard G., Gillette, Wyo. Road grader. 1,576,808; Mar. 16.

Burnham Chemical Company. (See Gauger, A. W., and Storch, assignors.)

Burhans, Lloyd E., Yonkers, N. Y. Closure construction. 1,576,946; Mar. 16.

Burkhart, Henry A., Fitzgerald, Ga. Permutation lock. 1,577,246; Mar. 16.

Burlin Co. (See Burlin, Leslie H., assignor.)

Burlin, Leslie H., assignor to Burlin Co. Lamp shade. 1,576,626; Mar. 16.

Burns, Everett A., Chicago, Ill. Curtain-supporting device. 1,577,058; Mar. 16.

Busch, Kasimir, Chicago, Ill. Emergency wheel and nonskidding device. 1,576,570; Mar. 16.

Bussmann, Frank H., assignor to Bussmann Manufacturing Company, St. Louis, Mo. Portable lamp. Des. 69,685; Mar. 16.

Bussmann Manufacturing Company. (See Bussmann, Frank H., assignor.)

Butler, Henry A., Toronto, Ontario, Canada. Carpenter's gauge and scale. 1,577,104; Mar. 16.

Button Attaching Machine Co., The. (See Ross, F. N., and Lethco, assignors.)

Cafiero, Michael J., Brooklyn, N. Y. Cable support. 1,576,947; Mar. 16.

California Corrugated Culvert Company. (See Bold, A. J., and Thorsby, assignors.)

Cameron, Hugh M., Newark, N. J., assignor to John Chatillon & Sons, New York, N. Y. Scale. 1,576,948; Mar. 16.

Campbell, Frank P., Tuxedo, Md. Multicolor-printing press. 1,576,809; Mar. 16.

Campbell, Horace L., St. Louis, Mo. Conveyer. 1,577,172; Mar. 16.

Cannon Engineering Co. (See Brewer, Charles A., assignor.)

Canter, Vernon C. (See Voress, C. L., Canter, and Skoog.)

Capra, Benedetto, Sacramento, Calif. Automatic vehicle stop for railway crossings. 1,577,173; Mar. 16.

Carbonaro, Gaetano, Brooklyn, N. Y. Macaroni-cutting machine. 1,576,949; Mar. 16.

Carbo-Oxygen Company. (See Brownlee, R. H., and Uhlinger, assignors.)

Carnohan, John W. (See Clough, Andrew M., and Carnohan.)

Carrey, John O., assignor to Carrey-Morse Engineering Company, St. Louis, Mo. Air compressor. 1,576,571; Mar. 16.

Carrey-Morse Engineering Company. (See Carrey, John O., assignor.)

Carter, Mitchell, Salt Lake City, Utah, assignor to Thermic Generating Company. Oil burner. 1,577,405; Mar. 16.

Carter, Walker, Baltimore, Md. Transmission-shifting lever. 1,577,011; Mar. 16.

Casgrain, Louis A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Conveying apparatus. 1,576,716; Mar. 16.

Cash, A. W., Co. (See Terry, Charles M., assignor.)

Catenaro, Nicholas A., Brooklyn, N. Y. Brake for motor vehicles. 1,576,717; Mar. 16.

Cattaneo, Giustino, Milan, Italy. Fluid-brake operator. 1,577,105; Mar. 16.

Caughlan, Martha W., Oakland, assignor to American Woodlite Corporation, San Francisco, Calif. Headlight reflector. 1,577,352; Mar. 16.

Cecil, Otto C. (See Nagorski, J. F., and Cecil.)

Chadwick, Lee S., Shaker Heights Village, and M. Resek and J. A. Dahlstrom, East Cleveland, assignors to Perfection Stove Company, Cleveland, Ohio. Thermostatic control for heating devices. 1,576,718; Mar. 16.

Chandeysson, Pierre I., St. Louis, Mo. Rheostat. 1,576,572; Mar. 16.

Chaplin, Manley J., San Francisco, assignor of one-half to A. J. Bayley, Berkeley, Calif. Milling-machine attachment for lathes. 1,576,719; Mar. 16.

Chase National Bank of the City of New York, The, trustee. (See Odlin, John W., assignor.)

Chasselon, René L., Paris, France. Removable tag for laces. 1,576,627; Mar. 16.

Chatillon, John, & Sons. (See Cameron, Hugh M., assignor.)

Cheney, Forest C., Grand Rapids, Mich., assignor to Cheney Talking Machine Co., Chicago, Ill. Constant-speed electric drive for talking machines. 1,576,720; Mar. 16.

Cheney Talking Machine Co. (See Cheney, Forest C., assignor.)

Chicago Flexible Shaft Company. (See McArdle, M. W., and Wright, assignors.)

Christensen, Richard M., New York, N. Y. Washcloth. 1,577,174; Mar. 16.

Cincinnati Milling Machine Company. (See Einstein, S., and Isler, assignors.)

Clark, Edgar H., Richmond Hill, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,577,059; Mar. 16.

Clark, Robert G., assignor to Liberty Automatic Paper Box Machine Corporation, Brooklyn, N. Y. Apparatus for making boxes. 1,576,810; Mar. 16.

Clark, Venus H., Alliance, Nebr. Combined nozzle and deflecting ring. 1,576,811; Mar. 16.

Clarke, Frederick E., Somerville, assignor to James S. Lang, Watertown, Mass. Shock absorber. 1,576,573; Mar. 16.

Clanton, John B., Charlotte, N. C. Heat deflector. 1,576,899; Mar. 16.

Clatfelter, Elmer, et al. (See Mulvany, Clyde T., assignor.)

Claussen, Herman H., San Antonio, Tex. Lock unit. 1,576,574; Mar. 16.

Clement, Edward E., assignor to E. F. Colladay, Washington, D. C. Radio distributing system. 1,577,106; Mar. 16.

Clement, Edward E., assignor to E. F. Colladay, Washington, D. C. Radiophone system. 1,577,107; Mar. 16.

Clement, Edward E., assignor to E. F. Colladay, Washington, D. C. Trunking system of radio distribution. 1,577,108; Mar. 16.

Clement, Edward E., assignor to E. F. Colladay, Washington, D. C. Radio broadcast distributing system. 1,577,109; Mar. 16.

Cleveland Crane and Engineer Company, The. (See Bennington, Earl T., assignor.)

Cleveland Crane and Engineering Company, The. (See Wehr, William G., assignor.)

Cleveland Folding Machine Co., The. (See Trautman, Walter G., assignor.)

Clough, Andrew M., Batavia, N. Y., and J. W. Carnohan, Cleveland, Ohio. Weed puller and ballast renovator. 1,577,247; Mar. 16.

Clough, James E., La Grange, Ky. Trunking saddle. 1,576,505; Mar. 16.

Clubb, Sherman, Olathe, Colo. Musical instrument. 1,577,418; Mar. 16.

Cluett, Peabody & Co. (See Connolly, Charles M., assignor.)

Coblents, Louis J., assignor to Leon Weil, Inc., New York, N. Y. Shoe ornament or article of similar nature. Des. 69,686; Mar. 16.

Cochrane Corporation. (See Lyon, P. S., and Roblin, assignors.)

Cohen, Samuel, Brooklyn, N. Y. Method of and apparatus for deriving a constant current. 1,577,248; Mar. 16.

Cohn, Hall, Marx Co. (See Wertheimer, Robert, assignor.)

Colladay, Edward F. (See Clement, Edward E., assignor.)

Collier, Vincent, Worcester Park, England. Seating surface. 1,576,900; Mar. 16.

Collins, Jack. (See Kallus, Joseph L., assignor.)

Collins, Warren E., Jamaica Plain, Mass. Motor blower unit for metabolism apparatus or the like. 1,577,110; Mar. 16.

Collis Company, The. (See Spaulding, J. D., and Collis, assignors.)

Collis, Oliver D. (See Spaulding, J. D., and Collis.)

Commercial Solvents Corporation. (See Bogin, Charles, assignor.)

Commercial Solvents Corporation. (See Pigg, Clarence E., assignor.

Comstock, Frank B., Knapp Creek, N. Y. Spacing jack. 1,577,249; Mar. 16.

Conklin, Roscoe, Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Safety shoe-tripping mechanism for doors. 1,576,950; Mar. 16.

Conley, Thomas J., Woonona, New South Wales, Australia. Mechanism for operating brakes of motor vehicles. 1,577,111; Mar. 16.

Conlon, Thomas A. (See Joyce, Bryan P., assignor.)

Connecticut Electric Manufacturing Company, The. (See Both, Tonjes A., assignor.)

Connell, James A., Pittston, Pa. Smoke and gas consuming fire box for locomotives. 1,577,175; Mar. 16.

Connet, Frederick N., assignor to Builders Iron Foundry, Providence, R. I. Variable-speed device. 1,577,176; Mar. 16.

Connolly, Charles M., assignor to Cluett, Peabody & Co. Inc., Troy, N. Y. Unitary foldable package. 1,576,576; Mar. 16.

Conrad, Earl W., Warsaw, Ind. Lifting jack. 1,576,721; Mar. 16.

Conrad, Frederick U., Brooklyn, assignor to Underwood Computing Machine Company, New York, N. Y. Combined typewriting and computing machine. 1,576,575; Mar. 16.

Conrader, Rudolph, Erie, Pa. Valve. 1,577,177; Mar. 16.

Conroyd, James, Chicago, Ill. Radiator valve. 1,577,178; Mar. 16.

Cook Standard Tool Company. (See Selby, Harley R., assignor.)

Cook, William E., assignor, by mesne assignments, to The Peerless Insulated Wire and Cable Company, New York, N. Y. Wire-covering machine. 1,576,577; Mar. 16.

Cook, William E., assignor, by mesne assignments, to The Peerless Insulated Wire and Cable Company, New York, N. Y. Wire-covering machine. 1,576,578; Mar. 16.

Cook, William E., St. George, N. Y., and M. B. Bradt, Pennington, N. J., assignors to Peerless Insulated Wire and Cable Company, New York, N. Y. Insulated wire and making same. 1,577,179; Mar. 16.

Cooper, David R., Ultimo, near Sydney, New South Wales, Australia. Clamping appliance for use in the manufacture of shoes. 1,576,951; Mar. 16.

Corp, Lewis W., Santa Barbara, Calif. Game. 1,577,250; Mar. 16.

Cory, Samuel I., Elmhurst, N. Y., assignor to American Telephone and Telegraph Company. Ground-potential-neutralising system. 1,576,579; Mar. 16.

Coto-Coil Company. (See Elliott, John S., assignor.)

Cotton, Walter H., Chicago, Ill., assignor to Union Draft Gear Co. Draft gear. 1,576,722; Mar. 16.

Cowen, Alfred M., New Orleans, La. Spring suspension for vehicles. 1,576,901; Mar. 16.

Coyle, Albert A., and W. S. Mitchell, St. Louis, Mo. Chock. 1,577,251; Mar. 16.

Craib, Frederick, Martinez, Calif. Wringer mop. 1,577,180; Mar. 16.

Cramer, Albert L., Denver, Colo. Arch support. 1,577,203; Mar. 16.

Crane, Samuel G., assignor to Toledo Scale Company, Toledo, Ohio. Automatic printing scale. 1,577,012; Mar. 16.

Crawford, Ira L. (See Ajouelo, D. J., and Crawford.)

Craver, Alvis W. (See Blakeman, Benjamin F., assignor.)

Cregier, Nathaniel B., assignor to Rothschild-Cregier Liquid Lens, Inc., Chicago, Ill. Telegram-exhibiting machine. 1,576,628; Mar. 16.

Creighton, Henry J. (See Elmore, G. H., and Creighton.)

Crocker, Thomas F., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Wire-chief's test circuits for telephone systems. 1,576,723; Mar. 16.

Crompton & Knowles Loom Works. (See Bagwell, L. E., and Jones, assignors.)

Crompton and Knowles Loom Works. (See Dacey, E. J., and Gordon, assignors.)

Crouse-Hinds Co. (See Bissell, Carl H., assignor.)

Crowe, William E., assignor to The Prismatone Company, Inc., Chicago, Ill. Producing intaglio printing plates or cylinders. 1,577,181; Mar. 16.

Crown Electrical Manufacturing Company. (See Snow, Wilmer S., assignor.)

Crayford, Sidney, Cowley, Alberta, Canada. Mowing-machine attachment. 1,576,952; Mar. 16.

Crozier-Stranb, Inc. (See Straub, Francis J., assignor.)

Cubicle Stores, Inc. (See Flagg, Charles E., assignor.)

Culp, Otis C., Elkhart County, Ind. Combined hall tree and drapery rack. 1,576,629; Mar. 16.

Culver, Charles L., Ollalla, Wash. Multiple power gearing. 1,577,182; Mar. 16.

Cunniff, John V., Graham, assignor of one-half to M. Kroeger, Los Angeles, Calif. Headlight director. 1,576,812; Mar. 16.

Curtis & Co. Mfg. Co. (See Ackerman, Frank, assignor.)

Cushing, Frank M. and W. L. B., Los Angeles, Calif. Electric spot-welding machine. 1,577,419; Mar. 16.

Cushing, George H., Washington, D. C. Projecting lamp. 1,577,112; Mar. 16.

Cushing, William L. B. (See Cushing, Frank M. and W. L. B.)

Cutler-Hammer Mfg. Co., The. (See Horton, Albert J., assignor.)

Cutler-Hammer Mfg. Co., The. (See Oberschmidt, Frederick H., assignor.)

Cutler-Hammer Mfg. Co., The. (See Seeger, Edwin W., assignor.)

Dacey, Edward J., and A. A. Gordon, assignors to Crompton and Knowles Loom Works, Worcester, Mass. Reversing shipping mechanism for looms. 1,576,724; Mar. 16.

Dahlstrom, John A. (See Chadwick, L. S., Resek, and Dahlstrom.)

Daimler-Motoren-Gesellschaft. (See Klemm, Hanns, assignor.)

Daprato Statuary Company. (See Mariotti, Joseph J., assignor.)

Davies, Daniel C., and A. H. Thomas, Melbourne, Victoria, Australia. Concrete structure. 1,576,813; Mar. 16.

Davis, Arthur B., Springfield, Ohio. Printing roller and making same. 1,576,726; Mar. 16.

Davis, Mansell A., New York, N. Y. Camping cot. 1,577,204; Mar. 16.

Davis, Mansell A., Los Angeles, Calif. Camping cot. 1,577,205; Mar. 16.

Davis, Taube, assignor to Franklin Simon & Co., Inc., New York, N. Y. Dress. Des. 69,687; Mar. 16.

Davis, William N., assignor to General Motors Corporation, Detroit, Mich. Door casing. 1,576,506; Mar. 16.

Day, Herbert W., Wollaston, Mass., assignor to Painting & Finishing Equipment Sales Co. Apparatus for applying coating. 1,576,725; Mar. 16.

Day, Rodney D., Haverford, assignor to The American Motor Body Corporation, Philadelphia, Pa. Chassis-frame construction. 1,577,060; Mar. 16.

De Arana, Ernest R., Madrid, Spain. Music roll for player pianos. 1,576,630; Mar. 16.

Debusk, William H., assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,577,061; Mar. 16.

Decker, Lemuel B., Kenogami, Quebec, Canada. Apparatus and process for gas and heat recovery from digester blow-off exhaust vapors. 1,576,643; Mar. 16.

Defaucamberge, Jean, assignor to Societe Francaise des Crins Artificiels, Paris, France. Conservation of the pellicles of hydrate or of hydrated ethers of cellulose. 1,576,631; Mar. 16.

De Frehn, Charles H., Johnstown, Pa. Curtain frame. 1,576,902; Mar. 16.

De Loach, Douglas D. (See Foss, C. C., and De Loach.)

Dempster, George S., assignor to Roberts Brass Manufacturing Company, Detroit, Mich. Automatic thread-cutting-machine attachment. 1,577,206; Mar. 16.

Denis, Charles A., et al. (See Dominguez, Manuel D., assignor.)

Deniston, Albert J., jr., Chicago, Ill. Fastening device for sheet-metal roofings and sidings. 1,576,727; Mar. 16.

Denoyer-Geppert Co. (See Meyer, Roy M., assignor.)

Deuser, Robert, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, New York, N. Y. Device for automatically cutting out defective sections in electric distribution networks. 1,577,420; Mar. 16.

De Velasco, Angel, San Francisco, Calif. Direction indicator. 1,577,113; Mar. 16.

De Walt, Charles L., assignor of one-half to W. S. Griffith, Worcester, Mass. Oil burner. 1,577,114; Mar. 16.

Diamant, Nicholas S., Lockport, N. Y. Radiator core. 1,577,115; Mar. 16.

Dieperink-Langerels, Willem, Warren, Pa. Artificial Christmas tree. 1,577,207; Mar. 16.

Dinsognito, Guy, Chicago, Ill. Wire joint. 1,576,632; Mar. 16.

Dix, Arthur, Taft, Calif. Strain meter. 1,576,633; Mar. 16.

Dixon, Thomas, West New York, N. J. Combined shock absorber and snubber. 1,577,062; Mar. 16.

Dominguez, Manuel D., assignor to C. A. Denis and G. Sarpy, New Orleans, La. Vehicle bumper. 1,576,728; Mar. 16.

Donahue, Francis H., assignor to Scoville Manufacturing Company, Waterburg, Conn. Vanity case. 1,576,953; Mar. 16.

Donegan, David H., Placerville, Colo. Process and apparatus for recovering precious metals from sands. 1,576,954; Mar. 16.

Donegan, William W., Los Angeles, Calif. Clamp for bumper-supporting brackets. 1,576,634; Mar. 16.

Donnelly, Dennis, Gilmore City, assignor of one-fourth to J. S. McBride and one-fourth to E. A. Law, Fort Dodge, Iowa. Steel-spring cushion-tire device. 1,577,013; Mar. 16.

Dosch Chemical Co. (See Sanders, G. E., and Pestell, assignors.)

Dougherty, C. R., et al. (See Adams, Harold A., assignor.)

Douglas, Wallace R., Crete, Nebr. Folding table. 1,576,635; Mar. 16.

Dowlarz, Martin W., Chicago, Ill. Shape-preserving device for hats. 1,577,183; Mar. 16.

Drake, Charles, Mannington, W. Va. Derrick brace. 1,576,644; Mar. 16.

Drew, Herbert H., Watertown, Wis. Table slide. 1,577,063; Mar. 16.

Dubraks, Joseph W., Houston, Tex. Refrigerating apparatus. 1,576,955; Mar. 16.

Dunbar, Francis W., Chicago, Ill., assignor, by mesne assignments, to Kellogg Switchboard & Supply Company. Automatic telephone system. 1,576,814; Mar. 16.

Dunbar, O. R., et al. (See Adams, Harold A., assignor.)

Dudley, Howard M., Philadelphia, Pa. Dyeing apparatus. 1,577,311; Mar. 16.

Dudley, Howard M., Philadelphia, Pa. Apparatus for dyeing, scouring, or otherwise treating yarn or other fibers in the hank or skein. 1,577,312; Mar. 16.

Dudley, Howard M., Philadelphia, Pa. Apparatus for dyeing, scouring, or otherwise treating yarn or other fibers in the hank or skein. 1,577,313; Mar. 16.

Dudley, Howard M., Philadelphia, Pa. Apparatus for dyeing, scouring, or otherwise treating yarn or other fibers in the hank or skein. 1,577,314; Mar. 16.

Dudley, Howard M., Philadelphia, Pa. Apparatus for dyeing or otherwise treating fibrous material. 1,577,315; Mar. 16.

Dunshee, Earl, Los Angeles, Calif. Quadruped-walking mechanism. 1,576,956; Mar. 16.

Du Pont, E. I., de Nemours & Company. (See Pitman, E. C., and Hunter, assignors.)

Edison, Thomas A., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph cabinet. Des. 69,688; Mar. 16.

Edison, Thomas A., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph cabinet. Des. 69,689; Mar. 16.

Edison, Thomas A., Incorporated. (See Edison, Thomas A., assignor.)

Edstrom, Alvin, Los Angeles, Calif. Ford timer. 1,576,815; Mar. 16.

Edwards, Carroll O. (See Edwards, Darsie E., assignor.)

Edwards, Darsie E., assignor of one-third to C. O. Edwards, Clinton, Mo. Shirt anticreeper. 1,577,116; Mar. 16.

Eeles, Frederick H., Paris, France. Controller for luminous electric signs. 1,577,208; Mar. 16.

Eenigenburg, John G., Lansing, Ill. Harvester for onion sets or the like. 1,577,252; Mar. 16.

Egan, Sidney B., Oak Park, Ill. Advertising device. 1,576,636; Mar. 16.

Egelin, Ernst C., assignor to Aktiebolaget Auto-Pins, Stockholm, Sweden. Box adapted particularly for clips. 1,576,637; Mar. 16.

Eichenhofer, Walter F. (See Brown, Jacob S., assignor.)

Einstein, Sol, Cincinnati, and H. B. Isler, Norwood, assignors to The Cincinnati Milling Machine Company, Oakley, Cincinnati, Ohio. Steady rest. 1,577,353; Mar. 16.

Elbogen, Seligman. (See Urban, Karel, assignor.)

Eliasek, Lud, Chicago, Ill. Radiator cover. 1,576,507; Mar. 16.

Elliott-Fisher Company. (See Foothorap, Harry A., assignor.)

Elliott, John S., Providence, R. I., assignor to Coto-Coil Company, Boston, Mass. Electrical socket. 1,576,638; Mar. 16.

Elliott, Millard F., Palmyra, N. J. Liquid gauge. 1,577,209; Mar. 16.

Ellis, Hartley, Cleveland, Ohio. Closure member for containers. 1,576,580; Mar. 16.

Elmore, Guy H., and H. J. Creighton, Swarthmore, assignors to Antiscale Corporation, Philadelphia, Pa. Method and apparatus for protection of metallic surfaces. 1,576,581; Mar. 16.

Embru-Werke A.-G. (See Forter, R., and Altorfer, assignors.)

Emerson, George H. (See Gardner, Ivan O., assignor.)

Emerson, George Y., Rochester, N. H. Shoe-heel-attaching means. 1,577,210; Mar. 16.

Emerson, Victor H., New York, N. Y. Phonograph record and producing same. 1,576,582; Mar. 16.

Emsco Derrick & Equipment Company. (See Selser, Thomas W. assignor.)

Engineer Company, The. (See McLean, Embury, assignor.)

England, James F., Lebanon, Mo. Collapsible and extensible trestle. 1,576,583; Mar. 16.

English, Samuel C., Orillia, Ontario, Canada. Apparatus for loading shocks. 1,576,639; Mar. 16.

Enos, Manuel M., Oakland, Calif. Dispensing machine. 1,576,640; Mar. 16.

Eppenstein, James F., assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case. Des. 69,690; Mar. 16.

Erdmann, Frank, Buffalo, N. Y. Propeller. 1,576,584; Mar. 16.

Erickson, Petrus, Chicago, Ill., assignor, by mesne assignments, to Marlin-Rockwell Corporation, Jamestown, N. Y. Ball retainer. 1,577,211; Mar. 16.

Ericson, Emile, Pelham, N. Y. Wall paper. Des. 69,691; Mar. 16.

Erskine-Danforth Corporation. (See Erskine, Ralph C., assignor.)

Erskine, Ralph C., Stamford, Conn., assignor to Erskine-Danforth Corporation. Chair. Des. 69,692; Mar. 16.

Eschbols, Otto H., and P. G. Guest, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Arc-resisting material and making. 1,576,732; Mar. 16.

Escott, Albert E., Upper Norwood, London, England. Power transmitting apparatus. 1,576,585; Mar. 16.

Eskew, Sidney E., and L. Harris, Benton, Ill. Device for surfacing moldings or the like. 1,576,645; Mar. 16.

Evans, Charles E., Seattle, Wash. Bundle binding and tying machine. Re16,292; Mar. 16.

Evans, Fred, Summit, N. J., assignor, by mesne assignments to Voices Incorporated. Talking-toy mechanism. 1,576,586; Mar. 16.

Evans, Joseph A. (See Mackey, Henry B., assignor.)

Fairbanks, E. and T., and Company. (See Osgood, L. A., and Wolf, assignors.)

Fairbanks, E. Howard, et al. (See Haag, Alfred H., assignor.)

Farmer, Thomas, Birmingham, Mich., Hot-water furnace. 1,576,646; Mar. 16.

Fauser, Gustave M., Ardsley-on-Hudson, N. Y. Piled fabric. Des. 69,693; Mar. 16.

Fecher, Frederick F., Rockville Center, N. Y., assignor to The Beck Duplicator Company. Duplicator. 1,576,957; Mar. 16.

Federal Glass Company, The. (See Hanford, Orin A., assignor.)

Feeley, Matthew R., Scranton, Pa., assignor to B-S Manufacturing Products Corporation, Jersey City, N. J. Eight-impulse four-cylinder locomotive. 1,577,212; Mar. 16.

Feldman, Abraham G., Chicago, Ill. Fastening device. 1,576,816; Mar. 16.

Felton, William, Radcliffe, and C. Willber, Pendleton, England. Apparatus for making yarn rugs and such like. 1,577,117; Mar. 16.

Fenner, Ray S., Newark, N. J. Advertising device. 1,577,213; Mar. 16.

Ferguson, Albert D. (See Seline, J., and Ferguson.)

Ferngren, Enoch, Washington, D. C. Making glassware. 1,576,733; Mar. 16.

Ferngren, Enoch T., assignor to The Owens Bottle Company, Toledo, Ohio. Cutting apparatus. 1,576,734; Mar. 16.

Fessenden, Reginald A., Chestnut Hill, Mass. Infusor. 1,576,735; Mar. 16.

Ferris, George F., Grand Forks, N. Dak. Valve-grinding tool. 1,576,587; Mar. 16.

Fick, Ferdinand E., South Euclid, assignor to The White Company, Cleveland, Ohio. Brake-operating linkage. 1,576,958; Mar. 16.

Finstone, Marx, New York, N. Y. Manufacturing fountain-pen caps and barrels. 1,576,588; Mar. 16.

Fiouruzzi, Vittorio, Piacenza, Italy. Cocoon-unwinding device. 1,577,118; Mar. 16.

Fischer, Aaron L. (See Hughes, John L., assignor.)

Fischer, Adolf, Orangeville, Md. Composition cork. 1,577,064; Mar. 16.

Fischer, William C., assignor to The Baker-Raulang Company, Cleveland, Ohio. Window mounting. 1,577,214; Mar. 16.

Fischer, William C., assignor to The Baker-Raulang Company, Cleveland, Ohio. Window mountings. 1,577,215; Mar. 16.

Fisher, Edwin B., Burstall, Saskatchewan, Canada. Reversible cuff. 1,576,959; Mar. 16.

Fisher, William H., assignor of one-half to H. Jonas, Philadelphia, Pa. Leaf-spring-lubricating structure. 1,577,216; Mar. 16.

Fisk Rubber Company, The, (See Midgley, T., and Naylor, assignors.)

Fisk Rubber Company, The. (See Southmayd, Leon N. assignor.)

Fitch, Benjamin F., Greenwich, Conn. Freight-transferring system. 1,577,184; Mar. 16.

Fitch, Benjamin F., Greenwich, Conn. Freight-transferring system. 1,577,185; Mar. 16.

Fitz-Empire Double Pivot Last Company. (See Boynton, Stanley E., assignor.)

Flagg, Charles E., Brookline, assignor to Cubicle Stores, Inc., Boston, Mass. Vending cabinet. Des. 69,694; Mar. 16.

Flaherty, John F., assignor to The Bock Bearing Company, Toledo, Ohio. Roll-grinding machine. 1,576,589; Mar. 16.

Flanders, Warren B., Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company. Expansible turbine-condenser structure. 1,576,736; Mar. 16.

Flauder, Alfred J., assignor to The Weidlich Bros. Mfg. Co., Bridgeport, Conn. Salt and pepper shaker. Des. 69,695; Mar. 16.

Fleck, Herman, Golden, and W. G. Haldane, Denver, Colo. Extracting metallic values from ores, concentrates, and the like. 1,577,217; Mar. 16.

Fletcher, Matthews, Indianapolis, Ind. Method and means of mixing concrete. 1,577,218; Mar. 16.

Fontanella, Henry F., New York, N. Y. Musical toy. 1,576,903; Mar. 16.

Fooks, Nelson H., Preston, Md. Apparatus for cooking and cooling in sealed receptacles. 1,577,219; Mar. 16.

Foothorap, Harry A., Harrisburg, Pa., assignor to Elliott-Fisher Company. Actuating mechanism. 1,576,960; Mar. 16.

Foothorap, Harry A., Harrisburg, Pa., assignor to Elliott-Fisher Company. Cross-footing register. 1,576,961; Mar. 16.

Fornaca, Guido, Turin, Italy. Cooling arrangement for the valves of internal-combustion engines. 1,576,817; Mar. 16.

Forter, Robert, Zurich, and H. Altorfer, assignors to Embru-Werke A.-G., Ruti, Switzerland. Rail bond for electric railways and producing the same. 1,576,590; Mar. 16.

Fortescue, Charles L. (See Slepian, J., and Fortescue.)

Foss, Christian C., Pinecastle, Fla., and D. D. De Loach, Savannah, Ga. Rotary valve. 1,576,591; Mar. 16.

Fotheringham, Bruce, Ontario, Calif. Burglar alarm. 1,576,818; Mar. 16.

Fowler, Charles S., Westerly, R. I. Textile fabric or the like. Des. 69,696; Mar. 16.

Fox, William J., assignor to James R. Kendrick Co., Inc., Philadelphia, Pa. Fabric. 1,576,592; Mar. 16.

Francis, William J., Texico, N. Mex. Cotton harvester. 1,576,904; Mar. 16.

Franklin Simon & Co. (See Davis, Taube, assignor.)

Fried. Krupp Grusonwerk Aktiengesellschaft (See Ullrich, Georg, assignor.)

Friedlaender, Isador L., Detroit, Mich. Running board for motor vehicles. 1,577,220; Mar. 16.

Friedman, William, assignor to J. W., D. H., A. F., and M. C., copartners, doing business as F. R. Arnold & Company, New York, N. Y. Toilet packet. 1,577,406; Mar. 16.

Froelich, Clarence H., Bethlehem, Pa., assignor to Bethlehem Steel Company. Obturator-operating mechanism for guns. 1,576,962; Mar. 16.

Froelich, Clarence H., Bethlehem, and E. J. Miller, Warren, Pa., assignors to Bethlehem Steel Company. Gun. 1,576,963; Mar. 16.

Frost, Leslie E., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Resinuous cement. 1,576,737; Mar. 16.

Froussard, Albert F., St. Louis, Mo. Grinder. 1,576,593; Mar. 16.

Froussard, Albert F., St. Louis, Mo. Piston aligner. 1,576,594; Mar. 16.

Fuld, Siegfried, Philadelphia, Pa. Mattress. 1,576,738; Mar. 16.

Fuller, Claud E. (See Penfield, R. C., and Fuller.)

Fuller, Harry E., Newhall, Iowa. Lawn broom. 1,577,065; Mar. 16.

Funk, Brandon G., Los Angeles, Calif. Lighting-fixture bracket. Des. 69,697; Mar. 16.

Furbush, Frank L., Westford, assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Immersing device for washing bowls. 1,577,221; Mar. 16.

Furuya, Sadahei, Sacramento, Calif. Rat trap. 1,576,647; Mar. 16.

Fyrac Manufacturing Co. (See Aldeen, Gedor W., assignor.)

G. & W. Electric Specialty Co. (See Williams, Paul F., assignor.)

Gagnon, Joseph A., Three Rivers, Quebec, Canada. Steam trap. 1,576,648; Mar. 16.

Galbraith, Joseph B., Kaysville, Utah. Centering and aligning apparatus. 1,576,819; Mar. 16.

Gardner, Frederic E., assignor to Gardner Machine Company, Beloit, Wis. Grinding machine. 1,576,820; Mar. 16.

Gardner, Ivan O., Somerset, Pa., assignor of one-half to G. H. Emerson, Baltimore, Md. Laterally-adjustable driving box. 1,576,595; Mar. 16.

Gardner Machine Company. (See Gardner, Frederic E., assignor.)

Garlin, Isidor, Brooklyn, assignor to Silbermann, Kohn & Wallenstein, Inc., New York, N. Y. Finger ring. Des. 69,698; Mar. 16.

Garlin, Isidor, Brooklyn, assignor to Silbermann, Kohn & Kallenstein, Inc., New York, N. Y. Finger ring. Des. 69,699; Mar. 16.

Gasifier Company, The. (See Reichhelm, George L., assignor.)

Gasoline Recovery Corporation. (See Voress, C. L., Canter, and Skoog, assignors.)

Gauger, Alfred W., and H. H. Storch, Westend, Calif., assignors to Burnham Chemical Company, Reno, Nev. Recovering sodium chloride from saline liquors. 1,576,739; Mar. 16.

Gause, Frederick T., Wilmington, Del. Tire chain. 1,577,014; Mar. 16.

Geiss, Frank, Neukolln, near Berlin, assignor to the Firm Oeltanks Gesellschaft m. b. H., Berlin, Germany. Illuminating-gas blowpipe. 1,576,729; Mar. 16.

Geissen, Carl. (See Lasche, O., and Geissen.)

General Motors Corporation. (See Davis, William N., assignor.)

General Motors Corporation. (See Johnson, Frank, assignor.)

General Motors Corporation. (See Whitten, Frank A., assignor.)

George, Harry C. (See Hayden, J. B., Morris, and George.)

Gerber, Ralph, assignor to American Manufacturing & Sales Co., Raymond, Wash. Reverse mechanism. 1,576,964; Mar. 16.

Gerbig, Frank H., and W. C. Henningsen, Watertown, Wis. Poultry feeder. 1,577,222; Mar. 16.

Gerster, Pierre, Detroit, Mich. Automatic control device for the stabilizing mechanisms of aeroplanes. 1,576,905; Mar. 16.

Gesell, Charles L., jr., et al. (See Turney, Eugene T. assignor.)

Gibson, Guy T., New Rochelle, N. Y. Perfume bottle. Des. 69,700; Mar. 16.

Giese, Frank, New York, N. Y. Pencil support. 1,576,965; Mar. 16.

Gillings, Charles, and R. Mercer, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,576,740; Mar. 16.

Glaze, Earl L., Chilesburg, Ky. Motor-truck turntable. 1,577,223; Mar. 16.

Glaze, Herbert L., assignor to United Products Company, Inc., Los Angeles, Calif. Fuel-forming die. 1,577,015; Mar. 16.

Gleason Works. (See Hill, Maxwell H., assignor.)

Glinger, Charles K., Agawan, Mass. Game of skill. 1,576,966; Mar. 16.

Glisce, Vito, Waterbury, Conn. Fire-extinguishing system. 1,577,119; Mar. 16.

Goeser, Edwin W., Los Angeles, and W. C. McDuffie, Hollywood, assignors to Union Tool Company, Torrance, Calif. High-speed rotary and draw works. 1,577,016; Mar. 16.

Goldate, Oscar P., et al. (See Serres, Joseph B., assignor.)

Goodrich, B. F., Company, The. (See Bauman, Harry A., assignor.)

Goodrich, B. F., Company, The. (See Higgins, John W., assignor.)

Goodstein, William L., Waynesburg, Pa. Motor-vehicle lamp. Des. 69,701; Mar. 16.

Gopf, Frank, New York, N. Y. Toy windmill elevator. 1,576,596; Mar. 16.

Gordon, Albert A. (See Dacey, E. J., and Gordon.)

Gordon, John W., London, England. Photographic surveying and apparatus for use in connection therewith. 1,577,224; Mar. 16.

Goss, George W., Wichita Falls, Tex. Combination tubing drainer and puller. 1,576,597; Mar. 16.

Gould, Samuel C., Bridgeport, Conn. Towline bumper. 1,576,967; Mar. 16.

Goulding, Benjamin J. J., Altrincham, assignor to Linotype and Machinery Limited, London, England. Cleaning the offset or impression surfaces of rotary offset printing machines. 1,576,598; Mar. 16.

Goulding, Benjamin J. J., Altrincham, assignor to Linotype and Machinery Limited, London, England. Means for washing lithographic printing surfaces. 1,576,599; Mar. 16.

Government and People of the United States. (See Bailey, Vernon, assignor.)

Granger, Harry Z., Comstock, Nebr. Rotary sprinkler. 1,577,225; Mar. 16.

Greenberg, Rebecca, New York, N. Y. Quilt cover. 1,577,226; Mar. 16.

Greene, Ben F. (See Leonard, David G., assignor.)

Greenstreet, Milfred L., Maplewood, Mo. Initial link for a bracelet or the like. Des. 69,702; Mar. 16.

Greenwald, Louis, South Heights, Pa. Rib structure for folding umbrellas. 1,577,227; Mar. 16.

Gregory, Eli E., Brooklyn, N. Y. Motor for animated advertising signs. 1,576,649; Mar. 16.

Greiner, Johnn, Baltimore, Md., Rail joint. 1,577,228; Mar. 16.

Greve, Paul, Lindau, Harz, Germany. Twine polishing and drying machine. 1,576,906; Mar. 16.

Gridley, George O. (See Truesdell, Jay C., assignor.)

Griffith, Richard H., assignor to The Ohio Cultivator Company, Bellevue, Ohio. Cultivator. 1,576,650; Mar. 16.

Griffith, Winfred S. (See De Walt, Charles L., assignor.)

Grossman, Samuel, assignor to D. Klebanoff and S. Grossman, copartners trading as Klebanoff and Grossman, New York, N. Y. Finger ring. Des. 69,703; Mar. 16.

Grossman, Samuel, et al. (See Grossmann, Samuel, assignor.)

Grossman, Samuel, et al. (See Soman, Michael E., assignor.)

Grover, Allen P., Medford, Mass. Oiling device for leather-finishing machinery. 1,576,907; Mar. 16.

Grub, Fred, Chicago, Ill. Gaseous-fuel stove. 1,577,017; Mar. 16.

Gruss Air Spring Co. (See Gruss, Raymond L., assignor.)

Gruss, Raymond L., assignor to Gruss Air Spring Co., San Francisco, Calif. Mounting for vehicle air springs and the like. 1,577,253; Mar. 16.

Guest, Paul G. (See Eschholz, O. H., and Guest.)

Guth, Edwin F., St. Louis, Mo. Shade holder for lighting fixtures. 1,576,968; Mar. 16.

Haag, Alfred H., Baltimore, Md., assignor of twenty one-hundredths to E. H. Fairbanks, Merchantville, and forty one-hundredths to E. Roberts, Moorestown, N. J. Radiocabinet. Des. 69,704; Mar. 16.

Haas, Philip, Dayton, Ohio. Inlet-valve mechanism for flush tanks. 1,576,600; Mar. 16.

Hackenberger, Charles M., Denver, Colo. Dandelion digger. 1,576,969; Mar. 16.

Hackett, George W. V. (See Anderson, H., and Hackett.)

Haddaway, Vaden J., Wilmington, Del. Combination valve for refrigeration and air compressors. 1,577,229; Mar. 16.

Hadley Company, The. (See Tost, Charles R., assignor.)

Hagel, Robert W., New Orleans, La. Coffeepot. 1,577,431; Mar. 16.

Hagen, Edward, assignor of one-half to A. C. Meland, Pelican Rapids, Minn. Automobile radiator. 1,576,651; Mar. 16.

Haigh, Alfred, Staffordshire, England. Making carbon and other coated papers. 1,576,601; Mar. 16.

Haims, Philip L., Cleveland, Ohio. Exercising device. 1,576,602; Mar. 16.

Haldane, William G. (See Fleck, Herman, and Haldane.)

Hall, Leslie S., Brantford, Ontario, Canada, assignor to Williams Tool Corporation, Erie Pa. Pipe-threading machine. 1,576,652; Mar. 16.

Hamilton, Earl B., Pekin, Ind. Tube holding and compressing means. 1,576,821; Mar. 16.

Hamilton, Henry C., and G. W. Bailey, Spokane, Wash. Heating stove. 1,576,603; Mar. 16.

Hammer, Charles, Hollis Court Boulevard, N. Y. Angular side or decagon cap. 1,577,019; Mar. 16.

Hammer, Charles, Hollis Court Boulevard, N. Y. Two-thread glass container. 1,577,020; Mar. 16.

Hammer, Charles, Hollis Court Boulevard, N. Y. Band-sealing friction catchup cap. 1,577,021; Mar. 16.

Hammer, Charles, Hollis Court Boulevard, N. Y. Metal cap. 1,577,022; Mar. 16.

Hammer, Charles, Hollis Court Boulevard, N. Y. Metal cap. 1,577,023; Mar. 16.

Hammer, Charles, Hollis Court Boulevard, assignor to American Metal Cap Company, Brooklyn, N. Y. Friction tumbler cap. 1,577,024; Mar. 16.

Hamnett, Samuel A., Los Angeles, Calif. 1,576,741; Mar. 16.

Hancock, William T., and M. Boyle, Kansas City, Mo. Apparatus for refining oils. 1,576,742; Mar. 16.

Hanford, Orin A., assignor to The Federal Glass Company, Columbus, Ohio. Glass-forming apparatus and forming glass. 1,576,743; Mar. 16.

Hanford, Orin A., assignor to The Federal Glass Company, Columbus, Ohio. Apparatus for blowing glassware. 1,576,744; Mar. 16.

Hanford, Orin A., assignor to The Federal Glass Company, Columbus, Ohio. Apparatus for blowing glass. 1,576,745; Mar. 16.

Hangleiter, Carl, Mannheim-Waldhof, and A. Schneider, Kehlheim-on-the-Danube, assignors to Zellstoffabrik Waldhof, Mannheim-Waldhof, Germany. Method of and system for regenerating sulphurous acid and waste heat from sulphite-cellulose boilers. 1,576,970; Mar. 16.

Hansen, Conrad T., assignor to American Motor Body Company, Philadelphia, Pa. Car seat. 1,576,746; Mar. 16.

Hansen, Conrad T., Detroit, Mich., assignor to The American Motor Body Corporation, Philadelphia, Pa. Car seat. 1,577,025; Mar. 16.

Hansen, Conrad T., Detroit, Mich., assignor to The American Motor Body Corporation, Philadelphia, Pa. Car seat. 1,577,026; Mar. 16.

Hanson, Ivan S., Winter Harbor, Me., assignor to Westinghouse Electric and Manufacturing Company. Power-developing apparatus. 1,576,653; Mar. 16.

Hapgood, Clarence H., assignor to Toledo Scale Company, Toledo, Ohio. Weighing mechanism. 1,577,018; Mar. 16.

Harbison-Walker Refractories Company. (See Rochow, William F., assignor.)

Harding Glass Company. (See Westbury, William, assignor.)

Hardy, Charles, assignor to Amsco Products, Inc., New York, N. Y. Binding post. 1,576,604; Mar. 16.

Harrington Company, The. (See Mullen, Peter, assignor.)

Harris, Jesse B., Minneapolis, Minn. Regulator. 1,576,605; Mar. 16.

Harris, Lewis. (See Eskew, S. E., and Harris.)

Haskell, Charles O., San Francisco, Calif. Reciprocating pump. 1,576,606; Mar. 16.

Hasskarl, William S., Philadelphia, Pa. Domestic sink cabinet. 1,576,607; Mar. 16.

Harth, Philip E., assignor to National Pigments & Chemical Company, St. Louis, Mo. Plaster or concrete opaque to X rays. 1,576,730; Mar. 16.

Hathaway, George L., et al. (See Turney, Eugene T., assignor.)

Hartig, Adolf, East McKeesport, Pa. Cutting teeth on saw blades. 1,576,908; Mar. 16.

Hatch, Alexander G. (See Wildrick, M., and Hatch.)

Hayden, Joseph B., J. Morris, and H. C. George, Greensburg, Pa. Lubricating device. 1,576,822; Mar. 16.

Hayes, Harvey C., Washington, D. C. Sound reproducer. 1,577,254; Mar. 16.

Hayes, John R., Los Angeles, Calif. Check protector. 1,576,823; Mar. 16.

Haven Wheel Company. (See Main, Frank L., assignor.)

Hazeltine Corporation. (See Hazeltine, Louis A., assignor.)

Hazeltine, Louis A., Hoboken, N. J., assignor to Hazeltine Corporation. Eliminating magnetic coupling between coils. 1,577,421; Mar. 16.

Hearn, Kester M., Fort Worth, Tex. Pen. 1,576,909; Mar. 16.

Heath, Spencer, Elkridge, Md. Variable-pitch propeller. 1,576,824; Mar. 16.

Heaton, William H., Oakland, Calif. Glove. 1,576,971; Mar. 16.

Heise, William H., et al. (See Schurch, Jacob, assignor.)

Helphingstine, Otto, Los Angeles, Calif. Steam heating systems. 1,576,608; Mar. 16.

Hemphill, William J. (See Anderson, J. W., Hemphill, and Richardson.)

Henningsen, William C. (See Gerbig, F. H., and Henningsen.)

Henry, George J. (See Kempston, A., and Henry.)

Herman, Leo. (See Karg, F. J., and Herman.)

Herman Machine and Tool Company, The. (See Karg, F. J., and Herman, assignor.)

Hevea Corporation, The. (See Loomis, C. C., and Stump, assignors.)

Hickman, Clifford M., Newark, assignor of one-half to J. D. Trethaway, Montclair, N. J. Bracket. 1,576,825; Mar. 16.

Higgings, John W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Bathing cap. Des. 69,705; Mar. 16.

Higuchi, Monnosuke, College Point, N. Y. Mechanical-movement device. 1,576,972; Mar. 16.

Hilger, Adam, Limited. (See Twyman, Frank, assignor.)

Hill, Guy. (See Manborgne, J. O., and Hill.)

Hill, John R., Knoxville, Tenn. Signal. 1,576,654; Mar. 16.

Hill, Louis, Akron, Ohio. Automatic gas-shut-off mechanism. 1,576,973; Mar. 16.

Hill, Mary C., Hoboken, N. J. Combination crib. 1,577,255; Mar. 16.

Hill, Maxwell H., assignor to Gleason Works, Rochester, N. Y. Automatic control device. 1,577,121; Mar. 16.

Hirschy, Eugene A., Brooklyn, N. Y. Insulator and fastener for aerials. 1,577,230; Mar. 16.

Hisey, Edwin R., Guernsey, Wyo., and O. C. Patton, Denver, Colo. Stovepipe fastener. 1,576,508; Mar. 16.

Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. End shelf support. 1,577,027; Mar. 16.

Hoffmann, Henry L., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,576,747; Mar. 16.

Hoffman, M. Bernard. (See Seiders, Hiester, assignor.)

Hoffman, Zachariah S., Irvington, N. J. Internal-combustion engine. 1,576,761; Mar. 16.

Hofmann, George, Chicago, Ill. Feed attachment for drill presses. 1,576,509; Mar. 16.

Hofmann, Sebastian C., Champaign, Ill. Electrical relay. 1,577,231; Mar. 16.

Holly, August, Portland, Oreg. Convertible seat for automobiles. 1,577,232; Mar. 16.

Holtman, John, New York, assignor of one-half to A. Krafft, Brooklyn, N. Y. Safety razor. 1,576,510; Mar. 16.

Honsinger, Charles A., Detroit, Mich. Bank fixture. 1,576,655; Mar. 16.

Honsinger, Charles A., Detroit, Mich. Bank fixture. 1,576,656; Mar. 16.

Hood Rubber Company. (See Pasquali, A., and Poland, assignors.)

Hopkins, Nevil M., assignor to New-Mix Products, Inc., New York, N. Y. Closing collapsible tubes. 1,577,122; Mar. 16.

Horton, Albert J., White Plains, N. Y., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Battery-charging apparatus. 1,577,028; Mar. 16.

Horton, John T., Brooklyn, N. Y. Hoisting mechanism. 1,577,029; Mar. 16.

Hotto, Louis, East Carondelet, Ill. Automobile spring. 1,577,233; Mar. 16.

Houston, Harold A., and F. L. Alben, Wilkinsburg, Pa., assignors to Westinghouse Electric and Manufacturing Company. Guiding truck. 1,576,762; Mar. 16.

Howell, Albert S., assignor to Bell & Howell Company, Chicago, Ill. Intermittent-feed mechanism. 1,577,030; Mar. 16.

Hubeny Bros. (See Hubeny, John, assignor.)

Hubeny, John, assignor to Hubeny Bros., Elizabeth, N. J. Scaffold bracket. 1,577,234; Mar. 16.

Hucks, William, Camden Town, London, assignor of one-half to Sodastream Limited, London, England. Device for use in removing measured quantities of the contents of bottles and like containers. 1,577,235; Mar. 16.

Hudson, William W. Salt Lake City, Utah. Loader conveyor. 1,576,910; Mar. 16.

Huebner Bleistein Patents Company. (See Huebner, William C., assignor.)

Huebner, Otto E., Flushing, N. Y. Electric storage battery. 1,576,974; Mar. 16.

Huebner, William C., assignor to Huebner-Bleistein Patents Company, Buffalo, N. Y. Photographic-printing apparatus. 1,576,511; Mar. 16.

Hughes, Cecil, Llandrindod Wells, Wales. Fuel-delivery pump for internal-combustion engines and other purposes. 1,576,826; Mar. 16.

Hughes, John L., Tulsa, Okla, assignor of one-half to A. L. Fischer, Bradford, Pa. Chemical feeder. 1,576,911; Mar. 16.

Hull, Matthew R., assignor to Rex Manufacturing Company, Connersville, Ind. Connecter for two-part automobile doors. 1,577,256; Mar. 16.

Hunt, William C., Toronto, Ontario, Canada. Connecter for electrical conductors. 1,577,123; Mar. 16.

Hunter, David E., assignor to Shaw Walker Company, Muskegon, Mich. Fire-resisting safe. 1,576,609; Mar. 16.

Hunter, George F. (See Pitman E. C., and Hunter.)

Huss, George, New York, N. Y. Bottle-washing device. 1,577,236; Mar. 16.

Hutchinson, Arthur, Neosho, Mo. Awning for vehicles. 1,577,257; Mar. 16.

Hutchinson, David K., assignor of one-half to R. C. Liebman, Los Angeles, Calif. Trailer bumper and guide. 1,576,975; Mar. 16.
Hutchinson, Miller R. (See Schick, Jacob, assignor.)
Hydinette, Noak V., Ottawa, Ontario, Canada, assignor, by mesne assignments, to Anglo-Canadian Mining and Refining Company, Limited. Refining copper-nickle, matte, etc. 1,577,422; Mar. 16.
Iavagnillo, Frank A. See Labeyrie, R. J., and Iavagnillo.
Illinois Watch Case Company. (See Eppenstein, James F., assignor.)
Industro-Electric Tools, Inc. (See Paulero, Louis, assignor.)
Ingram, Harry, Brooklyn, N. Y. Closure for tumblers, jars, and other receptacles. 1,576,763; Mar. 16.
Ink, Harry E., East Orange, N. J., assignor of one-fourth to H. J. Lucke, New York, N. Y. Return forms of messages. 1,577,237; Mar. 16.
Ino, Kunisaku, San Francisco, Calif. Incense burner. Des. 69,706; Mar. 16.
Isler, Herman R. (See Einstein, S., and Isler.)
Jack, Charles W., Chicago, Ill. Display carton. 1,576,731; Mar. 16.
Jackman, Arthur J., Forest Hills Borough, assignor to Vesuvius Crucible Company, Swissvale, Pa. Refractory article and making the same. 1,577,124; Mar. 16.
Jackson, Ada A. (See Jackson, John W., assignor.)
Jackson, Albert E. (See Jackson, Elmer T. and A. E.)
Jackson, Elmer T. and A. E., Fullerton, Nebr. End gate. 1,576,976; Mar. 16.
Jackson, John W., Detroit, assignor of one-half to A. A. Jackson, Brighton, Mich. Railway-crossing signal. 1,577,125; Mar. 16.
Jackson, Maunsell B., Toronto, assignor to himself, E. McMahon, and T. C. Bate, trustees, Ottawa, Ontario, Canada. Liquid-level indicator. 1,576,512; Mar. 16.
Jackson, William J., Buhl, Idaho. Watch winding device. 1,576,827; Mar. 16.
Jacobsen, Emil, Port Washington, N. Y., assignor to American Telephone and Telegraph Company. Telephone-exchange system. 1,576,657; Mar. 16.
Jacobsen, Emil, Port Washington, N. Y., assignor to American Telephone and Telegraph Company. Telephone-exchange system. 1,576,658; Mar. 16.
Jacobson, Peter G., Chicago, Ill. Die mechanism. 1,576,828; Mar. 16.
Jahnsen, Thoralf, Jersey City, N. J. Form for concrete floors. 1,577,316; Mar. 16.
James, Henry N., Miami, Fla. Liquid pitcher. 1,576,912; Mar. 16.
Jardh, Wilhelm, Los Angeles, Calif., assignor to Axelson Machine Company. Belt tightener with rapid belt tension release. 1,577,317; Mar. 16.
Jassen, Bern, New York, N. Y. Automobile wind deflector. 1,577,258; Mar. 16.
Jeaneret, Albert A., Watertown, Mass., assignor to Bausch and Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 1,576,872; Mar. 16.
Jeaneret, Albert A., Providence, R. I., assignor to Bausch and Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 1,576,873; Mar. 16.
Jenkins, William N. (See Schultz, Edward, assignor.)
Jessen, Charles C., assignor to Atlas Powder Company, Wilmington, Del. Skeining machine. 1,576,610; Mar. 16.
Jessup & Moore Paper Co., The. (See Plumstead, Joseph E., assignor.)
Johnson, Albert E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stock-fitting machine. 1,576,748; Mar. 16.
Johnson, Augusta S., Brooklyn, N. Y. Corset. 1,577,126; Mar. 16.
Johnson, Elefa B., Sacramento, Calif. Automobile washer and drier. 1,577,318; Mar. 16.
Johnson, Frank, assignor to General Motors Corporation, Detroit, Mich. Clutch construction. 1,576,513; Mar. 16.
Johnson, Frank O., assignor to Reliance Die & Stamping Company, Chicago, Ill. Electrostatic condenser. 1,576,829; Mar. 16.
Johnson, Frederick E., Los Angeles, Calif. Can opener. 1,577,261; Mar. 16.
Johnson, Jesse C., Delray, Fla. Cotter key. 1,577,259; Mar. 16.
Jonas, Herman. (See Fisher, William H., assignor.)
Jones, Claire S., Wyandotte, Mich. Toy aeroplane. 1,576,913; Mar. 16.
Jones, David C. (See Bagwell, L. E., and Jones.)
Jones, James M., Hamilton, Ohio. Car wheel. 1,577,260; Mar. 16.
Jones, Paul, et al. (See Mulvany, Clyde T., assignor.)
Jordan Motor Car Company. (See Thomas, Stanley R., assignor.)
Jordan, William V., and T. M. Swank, Louisville, Ky. Engine. 1,576,830; Mar. 16.
Joslyn Manufacturing & Supply Company. (See Reed, Lyman C., assignor.)
Jouan, Pierre, C., Paris, France. Balance. 1,576,914; Mar. 16.
Joyce, Bryan P., Davenport, Iowa, assignor to T. A. Conlon, Silver Spring, Md. Slide for guns. 1,576,659; Mar. 16.
Junkers, Hugo, Dessau, Germany. Flying machine. 1,576,977; Mar. 16.
Kaisling, William, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Relay. 1,577,031; Mar. 16.
Kalamazoo Loose Leaf Binder Company. (See Wigginton, George P., assignor.)
Kalamazoo Loose Leaf Binder Company. (See Wigginton, G. P., Allyn, and Stuart, assignors.)
Kalish, Ralph. (See Kloepper, Valentine C., assignor.)
Kalisher, Isaac E., assignor to Kalisher Mfg. Co., New York, N. Y. Manufacturing articles of jewelry. 1,577,319; Mar. 16.
Kalisher Mfg. Co. (See Kalisher, Isaac E., assignor.)
Kallus, Joseph L., Brooklyn, N. Y., assignor to J. Collins, Los Angeles, Calif. Doll. Des. 69,707; Mar. 16.
Kaltenback, Joseph D., and J. Stoll, San Francisco, Calif. Attachment for sadirons. 1,577,127; Mar. 16.
Kaner, Samuel, Toronto, Ontario, Canada. Cap. 1,576,611; Mar. 16.
Kansas City Gasoline Company, The. (See Wellman, Frank E., assignor.)
Karg, Frank J., and L. Herman, Tallmadge, assignor to The Herman Machine and Tool Company, Akron, Ohio. Pulley. 1,577,032; Mar. 16.
Katz, William, St. Louis, Mo. Hat. 1,577,238; Mar. 16.
Keeler Brass Company. (See Keeler, Isaac S., assignor.)
Keeler, Isaac S., assignor to Keeler Brass Company, Grand Rapids, Mich. Latch. 1,576,612; Mar. 16.
Keeter, John H., Charlotte, N. C. Saw lift. 1,576,514;
Kellogg, John H., assignor to Sanitarium and Hospital Equipment Company, Battle Creek, Mich. Chair. 1,576,613; Mar. 16.
Kellogg Switchboard & Supply Company. (See Dunbar, Francis W., assignor.)
Kellogg Switchboard and Supply Company. (See Kaisling, William, assignor.)
Kempston, Arthur, and G. J. Henry, assignors to Majestic Electric Appliance Co., San Francisco, Calif. Electric-radiant-heater structure. 1,577,434; Mar. 16.
Kendrick, James R., Co. (See Fox, William J., assignor.)
Kenney Manufacturing Company. (See Kenney, William C., assignor.)
Kenney, William C., Cranston, R. I., assignor to Kenney Manufacturing Company. Curtain rod. 1,576,764; Mar. 16.
Kerr, Mark B., Rosebank, assignor to Western Electric Company, Incorporated, New York, N. Y. Automatic telephone-exchange system. 1,577,033; Mar. 16.
Kidwell Boiler Company. (See Kidwell, Edgar, assignor.)
Kidwell, Edgar, assignor to Kidwell Boiler Company, Milwaukee, Wis. Steam boiler. 1,577,034; Mar. 16.
Kiehl, Leslie R., Raton, N. Mex. Locomotive-flange oiler. 1,577,262; Mar. 16.
King, Charles D., Rutherford, N. J. Pneumatic pistol and gun. 1,576,749; Mar. 16.
King, Fred B., assignor to The Willys-Overland Company, Toledo, Ohio. Seat structure. 1,576,765; Mar. 16.
King, George W., Burrton, Kans. Automatic gate. 1,577,128; Mar. 16.
Kinnear, George. (See Start, George W., assignor.)
Kinney, Robert L., Dayton, Ky. Game. 1,576,515; Mar. 16.
Kinsey, Bert A., Glenshaw, Pa. Stove. 1,576,978; Mar. 16.
Kinsley, William W., Jamestown, Kans. Dispensing device. 1,576,750; Mar. 16.
Kirk, Edward C., St. Albans, W. Va. Sand drier. 1,577,263; Mar. 16.
Klamt, Joseph, Howell, Nebr. Snow-removal apparatus. 1,577,264; Mar. 16.
Klebanoff, David, et al. (See Grossman, Samuel, assignor.)
Klebanoff, David, et al. (See Soman, Michael E., assignor.)
Klein, Benjamin F. (See Pfleager, Roscoe C., assignor.)
Klein, Emil A., Los Angeles, Calif. Line-laying device for fishing reels. 1,577,035; Mar. 16.
Klein, George J., Cleveland, Ohio. Wall lantern. Des. 69,708; Mar. 16.
Klemm, Hanns, Sindelfingen, Germany, assignor to Daimler-Motoren-Gesellschaft. Latching device for window wings, doors, and the like. 1,576,831; Mar. 16.
Kloepper, Valentine C., assignor of one-half to R. Kalish, St. Louis, Mo. Hydrocarbon-supply apparatus for internal-combustion engines. 1,576,766; Mar. 16.
Kneifel, Fred, Barberton, Ohio. Meat tenderer. 1,577,036; Mar. 16.
Knell, John, Aurora, Ill., assignor to All-Steel-Equip Company. Locker Hinge. 1,576,614; Mar. 16.
Knott, George C., et al. (See Turney, Eugene T., assignor.)
Knutson, Thor, Minneapolis, Minn. Door holder. 1,577,129; Mar. 16.
Kober, Philip A. (See Looney, Joseph M., assignor.)
Kocher, Charles, Kenosha, Wis. Amusement apparatus. 1,577,037; Mar. 16.
Koenigkramer, Frank, Cincinnati, Ohio. Headrest apparatus. 1,576,915; Mar. 16.
Kohlenveredlung G. m. b. H. (See Lasche, O., and Geissen, assignors.)
Kokomo Steel and Wire Company., (See Porath, C. A., and Williams, assignors.)

Korcak, Jerry S., New York, N. Y. Plug. 1,577,265; Mar. 16.
Korzeniewski, Stephen, Rochester, N. Y. Spring-supported rocking-chair. 1,577,320; Mar. 16.
Koupal, Walter G., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Process and apparatus for annealing a continuously-formed glass sheet. 1,576,516; Mar. 16.
Krafft, Alfred. (See Holsman, John, assignor.)
Kreisberg, Simon. (See Lutsky B., and Kreisberg.)
Krell, Joseph, Berlin-Pankow, Germany. Printing machine. 1,576,517; Mar. 16.
Kribben, Ludwig, et al. (See Wesolik, Joseph, assignor.)
Krueger, William H., Wilkes-Barre, Pa. Automatic razor-blade sharpener. 1,576,518; Mar. 16.
Krutt, Israel, assignor to W. A. Rappeport, New York, N. Y. Fountain-pen clip. 1,576,979; Mar. 16.
Krutt, Israel, assignor to A. Rappeport, New York, N. Y. Self-filler mechanism for fountain pens. 1,576,980; Mar. 16.
Kupetz, Adolph G., New Rochelle, assignor to Underwood Computing Machine Company, New York, N. Y. Combined typewriting and computing machine. 1,576,519; Mar. 16.
Kurth, Frederick W., New York, N. Y. Tricycle. 1,577,321; Mar. 16.
Kvitle, Martin, Cambridge, Wis. Portable shower apparatus. 1,577,038; Mar. 16.
Labeyrie, Raymond J., and A. Lavagnillo, Torrington, Conn. Machine for molding bread loaves. 1,577,130; Mar. 16.
Lafin, Fred, Chicago, Ill. Floor drain. 1,577,039; Mar. 16.
La France, Richard, assignor to The Owens Bottle Company, Toledo, Ohio. Bottle machine. 1,577,131; Mar. 16.
Laing, Willard B., Bedford, Ohio. Snowplow. 1,577,322; Mar. 16.
Lamb, Frank H., Hoquiam Wash. Detachable conveyer bucket. 1,576,520; Mar. 16.
Landgraf, Hermann, Wasungen, Germany. Apparatus for the continuous production of hard soap in strings or pieces. 1,577,239; Mar. 16.
Lang, James S. (See Clarke, Frederick E., assignor.)
Lange, William L., New York. Tube resonator for banjos. 1,576,981; Mar. 16.
Lappen, James E., Crookston, Minn. Process of and apparatus for the treatment of tow. 1,577,240; Mar. 16.
Larsen, Mads M., Colton, Calif. Shade support. 1,576,832; Mar. 16.
Larsen, Mads M., Colton, Calif. Automobile radiator. 1,576,833; Mar. 16.
Larsen, Mads M., Colton Calif. Linoleum crate. 1576,834; Mar. 16, 1926.
Larson, Frans O., Chicago, Ill. Portable hoist. 1,577,040; Mar. 16.
Lasche, Fritz, executor. (See Lasche, O., and Geissen.)
Lasche, Oskar, deceased, Berlin-Charlottenburg, by F. Lasche, Dresden, executor, and C. Geissen Berlin-Schoeneberg, assignors to Kohlenveredlung G. m. b. H., Berlin, Germany. Oven for the distillation of solid material. 1,576,916; Mar. 16.
Laser, Emil, Paterson, N. J. Carpenter's work support. 1,576,521; Mar. 16.
Lassen, Erich G. (See Lassen, Peter, assignor.)
Lassen, Peter, assignor of one-half to E. G. Lassen, Roanoke, Tex. Combined bag holder and cut-off. 1,576,660; Mar. 16.
Law, Edward A., et al. (See Donnelly, Dennis, assignor.)
Lawrence, August, McKeesport, Pa. Plane. 1,576,661; Mar. 16.
Lawton, Alfred V., assignor to A. Mueller, Decatur, Ill. Mold for water-closet-bowl rims. 1,577,132; Mar. 16.
Lea, Chester W., Fairbury, Neb. Party-line telephone system. 1,577,323; Mar. 16.
Learnihan, Michael J., Kansas City, Mo. Plumb-bob-supporting mechanism. 1,577,133; Mar. 16.
Lee, Charles W., Lock Haven, Pa. Rail joint and chair. 1,577,324; Mar. 16.
Lee, Harold A., Suva, Fiji. Fastener bar. 1,576,917; Mar. 16.
Lehmann, Erich, Berlin-Charlottenburg, Germany. Compensating differences of densities in cinematographic prints. 1,577,325; Mar. 16.
Leich, George, Rockville Center, N. Y. Burner. 1,576,751; Mar. 16.
Leon, Elmer G., Hubbleton, Wis. Adding-machine spool. 1,577,326; Mar. 16.
Leonard, David G., assignor to B. F. Green, Lexington, N. C. Spray device. 1,576,662; Mar. 16.
Leonard, Guy, Baltimore, Md. Stencil sheet. 1,576,663; Mar. 16.
Leopold Cassella & Co. Gesellschaft mit beschränkter Haftung. (See Benda, L., and Sievers, assignors.)
Lethco, Ira A. (See Ross, F. N., and Lethco.)
Letourneau, Joseph, St. Catharines, Ontario, Canada. Permutation lock. 1,577,327; Mar. 16.
Levin, Benjamin H., Chicago, Ill. Lock. 1,576,522; Mar. 16.
Lewis, Carl P., San Francisco, Calif., assignor to Minerals Separation North American Corporation, New York, N. Y. Ore concentration. 1,577,328; Mar. 16.
Lewis, William A., Ashtabula, Ohio. Bucket unloader. 1,577,329; Mar. 16.
Liberty Automatic Paper Box Machine Corporation. (See Clark, Robert G., assignor.)
Lidell, Andrew E., Farmington, Mich. Wrench. 1,576,918; Mar. 16.
Liebman, R. C. (See Hutchinson, David K., assignor.)
Lindley, George W., Philadelphia, Pa. Pattern-control means for warp knitting machines. 1,577,330; Mar. 16.
Lindsey, Ernest E., and P. J. Shortt, San Francisco, Calif. Manufacture of bread compound. 1,576,664; Mar. 16.
Linotype and Machinery Limited. (See Goulding, Benjamin, J. J., assignor.)
Littlefield, Augustine F., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 1,576,835; Mar. 16.
London, Lightingwares, Corporation. (See Schleicher, Robert F., assignor.)
Loomis, Chauncey C., Yonkers, and H. E. Stump, Brooklyn, N. Y., assignor to The Heves Corporation. Protection of pipes by use of latex. 1,576,767; Mar. 16.
Looney, Joseph M. Somerville, Mass., assignor, by mesne assignments, to A. Kober, Hastings-on-Hudson, N. Y. Dialyzing and evaporating membranes and making the same. 1,576,523; Mar. 16.
Lopez, Joseph S., St. Louis, Mo. Seat cover. 1,577,331; Mar. 16.
Loudon, Warren P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Voltage-regulator system. 1,576,768; Mar. 16.
Lovern, Samuel J., and H. J. Wellman, Nolan, W. Va. Coupling. 1,577,332; Mar. 16.
Lowery, Cleve, Orchards, Wash. Folding bed for automobiles. 1,576,919; Mar. 16.
Lowrance, Rufus, et al. (See Mulvany, Clyde T., assignor.)
Lucke, Henry J. (See Ink, Harry E., assignor.)
Lueth, John F., Roxbury, Wis. Shock absorber. 1,577,041; Mar. 16.
Luetscher, Ewald, et al. (See Wesolik, Joseph, assignor.)
Lundelius & Eccleston Motors Corporation. (See Lundelius, Oscar F., assignor.)
Lundelius, Oscar F., Los Angeles, Calif., assignor to Lundelius & Eccleston Motors Corporation, Los Vegas, Nev. Spring mounting. 1,576,920; Mar. 16.
Lundius, Eric B., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Testing system. 1,577,333; Mar. 16.
Lutsky, Bernard, and S. Kreisberg, Brooklyn, N. Y. Liquid-dispensing faucets. 1,577,042; Mar. 16.
Lutz, Hans, assignor to The Willye-Morrow Company, Elmira, N. Y. Machine for grinding rollers. 1,576,769; Mar. 16.
Lyon, Percy S., and V. A. Roblin, assignors to Cochrane Corporation, Philadelphia, Pa. Apparatus for heating and degerating water. 1,576,665; Mar. 16.
Mabry, John C., Kansas City, Mo. Suspenders. 1,576,770; Mar. 16.
Mabry, John C., Kansas City, Mo. Garment-supporting device. 1,576,771; Mar. 16.
MacGahan, Paul, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thermocouple heating element. 1,576,772; Mar. 16.
MacKay, Vasil, Boston, Mass., assignor to Neemes Foundry, Inc., Troy, N. Y. Furnace. 1,577,407; Mar. 16.
MacKay, Vasil, Washington, D. C. Stoker. 1,577,408; Mar. 16.
Mackey, Henry B., Newark, N. J., assignor to himself and J. A. Evans, New York, N. Y. Mailing device. 1,577,043; Mar. 16.
MacKinnon, Daniel G., New Bern, N. C. Pad for artificial teeth and preparing same. 1,577,134; Mar. 16.
MacLachlan, John C., assignor, by mesne assignments, to Pure Products Company, Chicago, Ill. Device for reducing fluid materials to powdered form. 1,577,135; Mar. 16.
Magerkurth, Carlos, Lima, Peru. Helicopter. 1,577,334;
Main, Frank L., Birmingham, Mich., assignor to Hayes Wheel Company, Jackson, Mich. Reenforced disk wheel. 1,576,921; Mar. 16.
Majestic Electric Appliance Co. (See Kempston, A., and Henry, assignors.)
Malloy, Edward T., Hamilton, Ohio. Caster. 1,576,922; Mar. 16.
Malloy, Edward T., Hamilton, Ohio. Caster. 1,576,923; Mar. 16.
Malloy, Edward T., Hamilton, Ohio. Resiliently-tired wheel. 1,576,924; Mar. 16.
Manning, Maxwell & Moore, Inc. (See Williston, Belvin T., assignor.)
Mansfield, Everett K. (See Muirhead, Andrew, assignor.)
Marburg Brothers, Inc. (See Riegels, Olaf L., assignor.)
Mariotti, Joseph J., assignor to Daprato Statuary Company, Chicago, Ill. Safe lock. 1,577,336; Mar. 16.
Mark, James A., Madison, Kans. Valve. 1,576,524; Mar. 16.
Markman, John, Forreston, Ill. Material-handling apparatus. 1,577,136; Mar. 16.
Marlin-Rockwell Corporation. (See Erickson, Petrus, assignor.)

Marr, James A., Bridgeport, Conn. Internal-combustion engine. 1,576,837; Mar. 16.
Marsden, Firth, Ragland, Ala., assignor to Alphons Custodis Chimney Construction Company, New York, N. Y. Method and apparatus for making extruded clay articles. 1,577,336; Mar. 16.
Mason, William H., Laurel, Miss. Preserving resinous lumber and producing by-products therefrom. 1,577,044; Mar. 16.
Mason, William P., Norfolk, Va. Hand duplicator. 1,576,666; Mar. 16.
Mase, Carl, Newark, N. J. Lubricant-dispensing apparatus. 1,576,982; Mar. 16.
Mathews, Fred. (See Strid, Sven J., assignor.)
Mathias, Harry A., et al. (See Snowden, Perry J., assignor.)
Matzner, Simon, New York, N. Y. Surface protector. 1,577,281; Mar. 16.
Mauborgne, Joseph O., and G. Hill, Washington, D. C. System for eliminating interference. 1,576,667; Mar. 16.
May, James I., Niles, Ohio. Rotary valve. 1,576,668; Mar. 16.
Mayer, Friedrich, Munich, Germany. Agitating and batting machine. 1,576,525; Mar. 16.
Maynard, Albert E., assignor to American Optical Company, Southbridge, Mass. Lens-grinding machine. 1,577,137; Mar. 16.
Mayoza, Nathan R., and A. H. Murray, Memphis, Tenn. Faceplate for an automobile signal. Des. 69,709; Mar. 16.
Mays Manufacturing Company. (See Mays, William C. S., assignor.)
Mays, William C. S., Edgewood, assignor to Mays Manufacturing Company, Inc., Providence, R. I. Fastener. 1,577,138; Mar. 16.
Masac, Anton, Polar, Wis. Belt connecter. 1,576,526; Mar. 16.
Mazzeo, Joseph, Brooklyn, N. Y. Electric flash light 1,576,983; Mar. 16.
McArdle, Michael W., Chicago, and H. C. Wright, Oak Park, Ill., assignors to Chicago Flexible Shaft Company. Jointed drive shaft. 1,576,773; Mar. 16.
McBride, Clarence O., Detroit, Mich. Molding. 1,576,527; Mar. 16.
McBride, John S., et al. (See Donnelly, Dennis, assignor.)
McCalmont, Albertus W., assignor to Briscoe Devices Corporation, Pontiac, Mich. Vaporizer. 1,577,354; Mar. 16.
McCarthy, Thomas J., Los Angeles, Calif. Portable jack. 1,576,836; Mar. 16.
McCartney, William H., Salem, Oreg. Agricultural implement. 1,577,282; Mar. 16.
McClatchie, Stanley, Cambridge, Mass., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Attachment plug. 1,577,348; Mar. 16.
McCormick, Bradley, assignor to Wagner Electric Corporation, St. Louis, Mo. Dynamo-electric machine. 1,577,337; Mar. 16.
McDonald, Charles R., and A. E. Bevan, Akron, Ohio. Liquid-dispensing apparatus. 1,576,752; Mar. 16.
McDuffie, William C. (See Golser, E. W., and McDuffie.)
McEvoy, Joseph H., Houston, Tex. Screen-button-cutting apparatus. 1,576,669; Mar. 16.
McGee, Frank R., Steubenville, Ohio. Dust catcher. 1,576,670; Mar. 16.
McGraw, George, assignor to The Oakland Chemical Company, New York, N. Y. Product for cleansing the skin. 1,576,774; Mar. 16.
McKay, Alexander, Montreal, Quebec, Canada. Centrifugal drier. 1,576,528; Mar. 16.
McLain, Andrew, Carnegie, Pa. Tool for bending pipe, bars, and the like. 1,576,984; Mar. 16.
McLaren Products Company, The. See McLaren, Walter, assignor.)
McLaren, Walter, Dayton, Ohio, assignor, by mesne assignments, to The McLaren Products Company. Pastry-making apparatus. 1,576,925; Mar. 16.
McLean, Embury, Brooklyn, assignor to The Engineer Company, New York, N. Y. Furnace control. 1,576,753; Mar. 16.
McLean, Embury, Brooklyn, assignor to The Engineer Company, New York, N. Y. Furnace control. 1,576,754; Mar. 16.
McMahon, Edward et al, trustees. See Jackson, Maunsell B., assignor.)
McNeill, Ralph W., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. 1,576,775; Mar. 16.
Medart, Fred, Manufacturing Company. See Medart, P. S., and Albach, assignor.)
Medart, Philip S., and F. Albach, St. Louis, Mo., assignors to Fred Medart Manufacturing Company, St. Louis, Mo. Metallic shelving. 1,577,096; Mar. 16.
Meland, Alvin C. See Hagen, Edward, assignor.)
Mellott, Howard S., Morenci, Mich. Concentrator. 1,576,838; Mar. 16.
Mendel, William, Beverly, N. J. Manufacture of filaments and films from viscose. 1,576,529; Mar. 16.
Mendel, William, Beverly, N. J. Manufacture of filaments and films from viscose. 1,576,530; Mar. 16.
Mendel, William, Beverly, N. J. Manufacture of filaments and films from viscose. 1,576,531; Mar. 16.
Mercer, Richard. See Gillings, C., and Mercer.)
Merrill, Bayard T., Valsetz, Oreg. Headlight. 1,577,338; Mar. 16.
Merriss, Marion H., Westbury, assignor to Nichols Copper Company, New York, N. Y. Conversion of cuprous materials. 1,576,776; Mar. 16.
Merritt, Edward F., assignor of one-half to F. L. Merritt, East Boston, Mass. Aeroplane. 1,577,339; Mar. 16.
Merritt, Frank L. (See Merritt, Edward F., assignor.)
Mesinger, Henry, New York, N. Y. Seat support. 1,577,340; Mar. 16.
Metcalfe, Robert F., assignor to Socony Burner Corporation, Brooklyn, N. Y. Pump. 1,576,755; Mar. 16.
Metropolitan-Columbia Mfg. Co. (See Perry, Harry, assignor.)
Mettler, Emil, Clayton, S. Dak. Plow attachment. 1,577,341; Mar. 16.
Meyer, Charles D., Seattle, Wash. Rifle. 1,577,045; Mar. 16.
Meyer, Henry A., assignor to The Wolf Machine Company, Cincinnati, Ohio. Meat saw. 1,576,671; Mar. 16.
Meyer, Roy M., assignor to Denoyer-Geppert Co., Chicago, Ill. Spring-roller holder. 1,576,840; Mar. 16.
Michalk, Max, Montreal, Quebec, Canada. Universal babbitting equipment. 1,577,342; Mar. 16.
Midgley, Thomas, Hampden, Mass., and R. B. Naylor, Pasadena, Calif., assignors to The Fisk Rubber Company, Chicopee Falls, Mass. Core for tire vulcanization. 1,576,532; Mar. 16.
Midland Steel Products Company, The, et al. (See Putnam, Alden L., assignor.)
Mikeleitis, Kurt, Schlanpitz, Germany. Moistener for postage stamps, envelopes and the like. 1,576,533; Mar. 16.
Milbrath, William, Lakefield, Minn. Milking stool and pail holder. 1,577,139; Mar. 16.
Miller, August F., San Francisco, Calif., assignor to Schmidt Lithograph Company. Advertising display easel. 1,576,672; Mar. 16.
Miller, David O., Macksville, Kansas. Bearing-sleeve puller. 1,576,534; Mar. 16.
Miller, Earl J. (See Froelich, C. H., and Miller.)
Miller, Elias N., Denver, Colo. Tie. 1,577,343; Mar. 16.
Miller Improved Gas Engine Company, The. (See Watts, Elmer A., assignor.)
Miller, Ohmer R., Brooklyn, assignor to Western Electric Company Incorporated, New York, N. Y. Testing systems. 1,577,046; Mar. 16.
Minerals Separation North American Corporation. (See Lewis, Carl P., assignor.)
Mitchell, Americus, Beaver Falls, Pa. Swivel hook. 1,577,283; Mar. 16.
Mitchell, Isaac N., Lolita, Tex. Dehorning implement. 1,577,140; Mar. 16.
Mitchell, William S. (See Coyle, A. A., and Mitchell.)
Mitton, Robert E., Salt Lake City, Utah. Automatic control for aeroplanes. 1,576,839; Mar. 16.
Moore, Albert E., Seattle, Wash. Stain-removing compound. 1,576,985; Mar. 16.
Moore, Charlie B., Altoona, Pa. Car coupler. 1,577,284; Mar. 16.
Moore, William J., Philadelphia, Pa. Mopcloth. 1,576,777; Mar. 16.
Moran, Andrew P. (See Scheibeler, John H., assignor.)
Morley Multiple Typewriter Sales Corporation. (See Sholes, Frederick, assignor.)
Morris, John. (See Hayden, J. B., Morris, and George.)
Morrison, Hugh D., and F. B. Webb, Rochester, N. Y. Rotary internal-combustion engine. 1,577,141; Mar. 16.
Morton, Harold P., Toronto, Ontario, Canada. Mountings for rubber stamps and the like. 1,576,778; Mar. 16.
Motor Wheel Corporation et al. (See Putnam, Alden L., assignor.)
Mueller, Adolph, trustee. (See Lawton, Alfred V., assignor.)
Mueller, Adolph, trustee. (See Mueller, P., and Schuermann, assignors.)
Mueller, Albert B., Runge, Tex. Cylinder protector. 1,576,926; Mar. 16.
Mueller, Philip, and A. C. Schuermann, assignors to A. Mueller, trustee, Decatur, Ill. Drinking-fountain pedestal. 1,577,142; Mar. 16.
Mugaas, Hendrik D., near Norma, N. Dak. Cleaning rod. 1,577,423; Mar. 16.
Muir, Joseph, New York, N. Y., assignor to The Radium Emanation Corporation. Shipping container and sterilizer. 1,576,535; Mar. 16.
Muir, Wellington W., Lockport, N. Y. Radiator for internal-combustion engines. 1,576,756; Mar. 16.
Muirhead, Andrew, Haverhill, Mass. and E. K. Mansfield, White Plains, N. Y. Pulp hydrator. 1,577,344; Mar. 16.
Mullen, Peter, Philadelphia, Pa., assignor to The Harrington Company. Chain hoist. 1,576,986; Mar. 16.
Muller, George W., Washington, D. C. Railway-rail construction. 1,577,285; Mar. 16.
Muller, George W., Washington, D. C. Railway-bed structure. 1,577,286; Mar. 16.

Muller, George W., Washington, D. C. Rail and tie holding means. 1,577,287; Mar. 16.
Muller, George W., Washington, D. C. Compound rail. 1,577,288; Mar. 16.
Mullins, Robert T., Brooklyn, assignor to A. G. Spalding & Bros., New York, N. Y. Headgear. 1,576,987; Mar. 16.
Mulvany, Clyde T., Pueblo, assignor of one-tenth to R. Lowrance and one-tenth to E. Clatfelter, Pueblo County, Colo., two per cent to L. M. Belian, Kimball County, Nebr., one-twentieth to P. Jones, Pueblo County, and one-tenth to M. H. Belian, Larimer County, Colo. Boltheating furnace. 1,577,432; Mar. 16.
Munger, Harlan E., Balko, Okla. Heater attachment for motor vehicles. 1,577,289; Mar. 16.
Murray, Albert L., Auburn, Ind. Securing rubber to leather and other like materials. 1,577,349; Mar. 16.
Murray, Alfred H. (See Mayoza, N. R., and Murray.)
Murray, Howard J., New York, N. Y. Burglarproof induction coil. 1,576,779; Mar. 16.
Mussen, Thomas C., Toronto, Ontario, Canada. Cushion tires. 1,577,143; Mar. 16.
Nagorski, John F., and O. C. Cecil, Bedford, Ohio. Bath spray. 1,577,345; Mar. 16.
Nash, Louis I., New York, N. Y. Clothes hanger. 1,577,290; Mar. 16.
Nardi, Romolo, Camden, N. J. Magazine pencil. 1,576,988; Mar. 16.
Narrow, Anton H., Memphis, Tenn. Slug trimmer. 1,577,346; Mar. 16.
National Malleable and Steel Castings Company. (See Willison, John, assignor.)
National Pigments & Chemical Company. (See Harth, Philip E., assignor.)
National Pneumatic Company. (See Conklin, Roscoe, assignor.)
Naylor, Ralph B. (See Midgley, T., and Naylor.)
Neemes Foundry, Inc. (See MacKay, Vasil, assignor.)
Nelson, John, et al. (See Adams, Harold A., assignor.)
Nelson, William, New York, N. Y. Combination trunk and ironing board. 1,576,927; Mar. 16.
Nestler, Emil, assignor to Nestler Rubber Fusing Co., Inc., New York, N. Y. Dry-heat curing cabinet. 1,577,291; Mar. 16.
Nestler Rubber Fusing Co. (See Nestler, Emil, assignor.)
Neumann, Carl F., Geesthacht, near Hamburg, Germany. Grasping device for loading or piling bricks or the like. 1,577,347; Mar. 16.
New England Motor Company. (See Whatley, Alfred H., assignor.)
New-Mix Products, Inc. (See Hopkins, Nevil M., assignor.)
Nichols Copper Company. (See Merriss, Marion H., assignor.)
Nilsson, Oscar F., and J. Bachrach, New York, N. Y. Ink receptacle for filling fountain pens. 1,577,067; Mar. 16.
Nitardy, Ferdinand W., Brooklyn, N. Y., and R. Boyd, Leonia, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Cover for a cold-cream jar or like container. Des. 69,710; Mar. 16.
Northwestern Terra Cotta Company. (See Sierks, Charles H., assignor.)
Oakland Chemical Company, The. (See McGraw, George, assignor.)
Oberschmidt, Frederick H., Cleveland, Ohio, assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Electrical controller for motor-driven devices. 1,577,068; Mar. 16.
O'Brien, John, New Waterford, Cape Breton, Nova Scotia, Canada. Ventilator. 1,577,293; Mar. 16.
Obreiter, Claude P., Oklahoma City, Okla. Storage-battery theftproof locking device. 1,577,292; Mar. 16.
Odlin, John W., Worcester, Mass., assignor, by mesne assignments, to The Chase National Bank of the City of New York, trustee, New York, N. Y. Advertising card. 1,576,673; Mar. 16.
Oeltanks Gesellschaft m. b. H. (See Geiss, Frank, assignor.)
Ohio Cultivator Company, The. (See Griffith, Richard H., assignor.)
Ohio Truss Company, The. See Pease, Isaac M., assignor.)
O'Kelly, James, Silverton, Colo. Animal trap. 1,576,841; Mar. 16.
Olsen, John K., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Internally driven odometer. 1,577,069; Mar. 16.
Olsen, Robert E., Ocean Park, Calif. Photographic cabinet. 1,576,674; Mar. 16.
Olson, Carl M., Kilbourn, Wis. Cow stanchion. 1,577,149; Mar. 16.
Olson, William M., Oak City, Utah. Combined distributor head and ignition coils. 1,576,928; Mar. 16.
O'Neal, Frank, assignor, by mesne assignments, to West Electric Hair Curler Corporation, Philadelphia, Pa. Curler for bobbed hair. 1,576,991; Mar. 16.
O'Neill, Jesse W. (See Bertschy, George Z., assignor.)
Orr, William V., Cleveland, Ohio. Suction cleaner. 1,577,070; Mar. 16.
Osborn, George W., Cleveland, Ohio. Reenforced high-pressure float and manufacturing the same. 1,577,145; Mar. 16,
Osborn, John W., Powersville, Mo. Wire stretcher. 1,576,842; Mar. 16.
Osgood, Louis A., St. Johnsbury, Vt., and E. Wolf, Springfield, Ohio, assignors to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Scale. 1,577,071; Mar. 16.
Otis, Spencer, Chicago, Ill. Steaming locomotives. 1,576,780; Mar. 16.
Otterman, Charles E., Toledo, Iowa. Holder. 1,577,350; Mar. 16.
Owens Bottle Company, The. (See Ferngren, Enoch T., assignor.)
Owens Bottle Company, The. (See La France, Richard, assignor.)
P & M Company, The. (See Debusk, William H., assignor.)
Pacific States Bedding & Furniture Co. (See Avril, Joseph, assignor.)
Painting & Finishing Equipment Sales Co. (See Day, Herbert W., assignor.)
Palfy, Frank, Cleveland, Ohio. Mixing valve. 1,577,355; Mar. 16.
Pallone, Thomas, Minerva, Ohio. Umbrella. 1,577,356; Mar. 16.
Pardee, Frank, Hazelton, Pa. Feeder for breakers. 1,577,072; Mar. 16.
Parisi, Rino, Rimer, Pa. Rail joint. 1,576,844; Mar. 16.
Parisi, Rino, Rimer, Pa. Rail joint. 1,576,845; Mar. 16.
Parker, Donald V., Mitchell, S. Dak. Football uniform. 1,576,843; Mar. 16.
Parker, Robert S., Ottawa, Kans. Signal. 1,576,536; Mar. 16.
Parkinson, Carrie A., Fox Lake, Wis. Ironing-board attachment. 1,576,929; Mar. 16.
Pasquall, Albert, and F. W. Poland, assignors to Hood Rubber Company, Watertown, Mass. Platen press. 1,576,989; Mar. 16. 1926.
Patrick, Walter A., Baltimore, Md. Producing gels for catalytic and adsorbent purposes. 1,577,186; Mar. 16.
Patrick, Walter A., Baltimore, Md. Gels for catalytic and adsorbent purposes. 1,577,189; Mar. 16.
Patrick, Walter A., Baltimore, Md. Preparing gels for catalytic and adsorbent purposes. 1,577,190; Mar. 16.
Patrick, Walter A., Mount Washington, assignor to Silica Gel Corporation, Baltimore, Md. Preparing catalytic agents. 1,577,187; Mar. 16.
Patrick, Walter A., Mount Washington, assignor to The The Silica Gel Corporation, Baltimore, Md. Preparing catalytic agents. 1,577,188; Mar. 16.
Patton, Oliver C. (See Hisey, E. B., and Patton.)
Paulero, Louis, Petersburg, Va., assignor to Industro-Electric Tools, Inc. Electric-current-supplying device. 1,576,615; Mar. 16.
Pawsat, Ewald F., assignor to Wald Manufacturing Company, Maysville, Ky. Mud-guard bracket. 1,577,146; Mar. 16.
Payton, Harry, Providence, R. I. Chain. 1,576,990; Mar. 16.
Peabody, Ernest H., Pelham Manor, N. Y. Air register for fuel burners. 1,576,537; Mar. 16.
Pealer, Charles S., Danville, Ohio. Gas-well equipment. 1,576,538; Mar. 16.
Peano, Felix, Inglewood, Calif. Plating composition bodies. 1,577,357; Mar. 16.
Pease, Isaac M., Cincinnati, Ohio, assignor to The Ohio Truss Company, Truss. 1,577,147; Mar. 16.
Peerless Insulated Wire and Cable Company, The. (See Cook, William E., assignor.)
Peerless Insulated Wire and Cable Company. (See Cook, William E., and Bradt, assignors.)
Pell, R. C., jr. (See Arms, Leland J., assignor.)
Penfield, Raymond C., and C. E. Fuller, New York, N. Y., said Fuller assignor to said Penfield. Tilting and centering table. 1,576,992; Mar. 16.
Pennington, John K., Los Angeles, Calif. Plumbing fitting and fixture. 1,576,993; Mar. 16.
Pentifallo, Antonio, Hollidayburg, Pa. Lift for shoe heels. 1,576,539; Mar. 16.
Perfection Appliance Co., The. (See Arbron, Thomas J., assignor.)
Perfection Stove Company. (See Chadwick, L. S., Resek, and Dahlstrom, assignors.)
Perno, Arturo, New York, N. Y. Utensil. 1,576,540; Mar. 16.
Perry, Benjamin F., Montreal, Quebec, Canada. Door check and latch mechanism. 1,577,073; Mar. 16.
Perry, Harry, Brooklyn, N. Y., assignor to Metropolitan-Columbia Mfg. Co., Inc. Arm for chandeliers or similar articles. Des. 69,711; Mar. 16.
Perry, Harry, Brooklyn, N. Y., assignor to Metropolitan-Columbia Mfg. Co. Inc. Backplate for lighting fixtures. Des. 69,712; Mar. 16.
Perry, Leo M., St. Helen, Mich. Oil-filtering apparatus. 1,576,930; Mar. 16.
Perry, Ray P., Upper Montclair, and F. W. Adams, East Orange, N. J., assignors to The Barrett Company. Construction material. 1,577,074; Mar. 16.
Pestell, Raymond H. (See Sanders, G. E., and Pestell.)
Peterson, Gustav W., Bradford, Pa. Safety band. 1,576,541; Mar. 16.
Pfeager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Bracketback for lighting fixtures. Des. 69,713; Mar. 16.

Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Candle cup for lighting fixtures. Des. 69,714; Mar. 16.
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Loop for lighting fixtures. Des. 69,715; Mar. 16.
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Loop for lighting fixtures. Des. 69,716; Mar. 16.
Pharo, Lee C., Thetford Mines, Quebec, assignor to Asbestos Corporation of Canada, Limited, Montreal, Canada. Screen cleaner. 1,576,616; Mar. 16.
Phillips, Herman B., New York, N. Y. Fluoroscopic fracture apparatus. 1,576,781; Mar. 16.
Phillips, Le, Washington, D. C. Necktie presser. 1,576,542; Mar. 16.
Pical, Louis A., Parma, Ohio. Fly-catching device. 1,577,148; Mar. 16.
Picker, Charles, Albany, N. Y. Electric-fixture mounting bracket. 1,576,543; Mar. 16.
Pieh, George H., et al. (See Pieh, Henry E., assignor.)
Pieh, Henry E., Williston, N. Dak., assignor of one-fourth to G. H. Pieh and one-fourth to L. M. Pieh, Minneapolis, Minn. Cotter-pin puller. 1,576,782; Mar. 16.
Pieh, Lilliam M., et al. (See Pieh, Henry E., assignor.)
Pige, Clarence E., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of butyric aldehyde. 1,576,544; Mar. 16.
Pihl, Albert, Murray, assignor to G. F. Borkman, Salt Lake City, Utah. Telephone receiver. 1,577,294; Mar. 16.
Pihl, Albert, Murray, assignor to G. F. Borkman, Salt Lake City, Utah. Telephone receiver. 1,577,295; Mar. 16.
Pitman, Earle C., and G. F. Hunter, Parlin, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Removing coloring matter from smokeless powder. 1,577,075; Mar. 16.
Pitts, John B., Winnetka, Ill. Radiodetector. 1,576,783; Mar. 16.
Pittsburgh Plate Glass Company. (See Koupal, Walter G., assignor.)
Plain, Henry S., Toronto, Ontario, Canada. Tricycle toy. 1,577,149; Mar. 16.
Planett, Fred E., Oakland, Calif. Antproof shelving. 1,576,784; Mar. 16.
Plumstead, Joseph E., Wilmington, Del., assignor to The Jessup & Moore Paper Co., Philadelphia, Pa. Deinking paper stock. 1,576,994; Mar. 16.
Poetzsch, Max, Ridgewood, N. J. Teasel-cleaning machine. 1,577,296; Mar. 16.
Poland, Frank W. (See Pasquall, A., and Poland.)
Policar, Paul, et al. (See Serres, Joseph B., assignor.)
Pomfret, Herbert, Los Angeles, Calif. Concrete-builder's aggregate support. 1,576,846; Mar. 16.
Poppe, Edward W., Milwaukee, Wis. Candy box. 1,577,358; Mar. 16.
Porath, Carl A., and G. N. Williams, assignors of one-half to Kokomo Steel and Wire Company, Kokomo, Ind. Nail-forming machine. 1,577,266; Mar. 16.
Potter, Robert S., Greenwich, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door closer. 1,577,359; Mar. 16.
Potter, Robert S., Greenwich, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Door closer. 1,577,360; Mar. 16.
Powell, Albert C., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,577,076; Mar. 16.
Powers, Edward W., Boston, Mass. Piano. 1,576,545; Mar. 16.
Pratt & Whitney. (See Blood, Bryant H., assignor.)
Price, William S., Hershey, Nebr. Cultivator. 1,576,847; Mar. 16.
Prince, John, Kansas City, Mo. Sand dewatering and mixing device. 1,576,617; Mar. 16.
Prismatone Company, The. (See Crowe, William E., assignor.)
Prowse Charlie O., New York, N. Y. Aerofoil. 1,576,995; Mar. 16.
Pure Products Company. (See MacLachlan, John C., assignor.)
Putman, Charles E., Portland, Oreg. Imitation shake shingle. 1,577,150; Mar. 16.
Putnam, Alden L., Detroit, assignor, by mesne assignments, of one-half to Motor Wheel Corporation, Lansing, Mich., and one-half to The Midland Steel Products Company, Cleveland, Ohio. Vehicle wheel. 1,577,047; Mar. 16.
Putnam, Willis E., Worcester, Mass. Sash-operating device. 1,576,785; Mar. 16.
Quirk, Wellington J., Chicago, Ill. Electric battery. 1,576,786; Mar. 16.
Radcliffe, Carlton R., New York, N. Y. Hydraulic-power-transmitting apparatus. 1,576,996; Mar. 16.
Radium Emanation Corporation, The. (See Muir, Joseph, assignor.)
Rahn, Albert, and J. Weber, Neustadt, Ontario, Canada. Draft connection for team harness hames. 1,577,191; Mar. 16.
Rand, Le Roy H., assignor to Brooklyn Shield & Rubber Company, Brooklyn, N. Y. Garment protector. 1,577,409; Mar. 16.
Randol, Glenn T., Marmaduke, assignor of one-half to S. S. Steinberg, Paragould, Ark. Gear-shifting mechanism. 1,577,361; Mar. 16.
Ransom, Webster H., Spokane, Wash. Package carrier. 1,576,546; Mar. 16.
Rapisardi, Aldo, Boston, Mass. Fountain brush. 1,577,192; Mar. 16.
Rappeport, William A. (See Krutt, Israel, assignor.)
Ray, Huston, New York, N. Y. Weight device for use by pianists and the like. 1,577,077; Mar. 16.
Reader, Edward C., Cleveland, Ohio. Drying apparatus. 1,576,547; Mar. 16.
Rebours, Jules E., Grand Rapids, Mich. Camping trunk. 1,577,194; Mar. 16.
Reed, Lyman C., New Orleans, La., assignor to Joslyn Manufacturing & Supply Company, Chicago, Ill. Fastening device for insulators. 1,577,193; Mar. 16.
Reedy, John J. (See Treadaway, Linton E., assignor.)
Reese, Fredrick, Eutaw, Ala. Plow. 1,576,848; Mar. 16.
Reichhelm, George L., New York, N. Y., assignor to The Gasifier Company, Elizabeth, N. J. Producing gas. 1,576,787; Mar. 16.
Reisch, Nickolas A., Le Mars, Iowa. Milk cooler. 1,576,931; Mar. 16.
Reiterer, Heinrich, New York, N. Y. Toy. 1,577,302; Mar. 16.
Reliance Die & Stamping Company. (See Johnson, Frank O., assignor.)
Remington Typewriter Company. (See Barney, Edwin E., assignor.)
Renfro, Clarence, Lexington, Ky. Wall construction. 1,577,297; Mar. 16.
Renna, Mario G. E., Brooklyn, N. Y. Typewriter attachment. 1,576,997; Mar. 16.
Rennick, Lyle S., Los Angeles, Calif. Arc flash light. 1,576,618; Mar. 16.
Resek, Marc. (See Chadwick, L. S., Resek, and Dahlstrom.)
Restel, Theodore, Cleveland, Ohio. Cylinder hone or lapping tool. 1,576,788; Mar. 16.
Reubin, Mark, Brooklyn, N. Y. Cross-word-puzzle game. 1,576,619; Mar. 16.
Reusch, Jacob J., St. Paul, Minn. Stenciling apparatus. 1,576,548; Mar. 16.
Rex Manufacturing Company. (See Hull, Matthew R., assignor.)
Riblet, George E., Erie, Pa. Carburetor. 1,576,620; Mar. 16.
Richards, Silas G., Evanston, assignor of one-half to E. A. Bruegel and one-half to J. Stockbridge, Chicago, Ill. Sled. 1,577,078; Mar. 16.
Richardson, Richard G., Piedmont, W. Va. Gravity toy. 1,577,363; Mar. 16.
Richardson, Rodney G., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Relay automatic telephone system. Re16,293; Mar. 16.
Richardson, Robert. (See Anderson, J. W., Hemphill, and Richardson.
Riegels, Olaf L., Christiania, Norway, assignor of two-thirds to Marburg Brothers, Inc., New York, N. Y. Engine-starting device. 1,576,549; Mar. 16.
Robbins, Meyer L., assignor to Untermeyer, Robbins & Co., New York, N. Y. Finger ring set with gems. Des. 69,718; Mar. 16.
Robbins, Meyer L., assignor to Untermeyer, Robbins & Co., New York, N. Y. Ring. Des. 69,717; Mar. 16.
Robbins & Myers Company, The. (See Stuart, Harve R. assignor.)
Roberts Brass Manufacturing Company. See Dempster, George S., assignor.)
Roberts, Emmor, et al. (See Haag, Alfred H., assignor.)
Robertson, Robert H., Bangor, Me. Mechanically-operated figure toy. 1,576,789; Mar. 16.
Robinson, Frank W., assignor to Schuylkill Hosiery Mills, Inc., Reading, Pa. Yarn binder and trimmer. 1,577,364; Mar. 16.
Robinson, Joseph V., New York, N. Y. Automatic train-pipe coupling head. 1,576,757; Mar. 16.
Robinson, Joseph, New York, N. Y. Connecter head. 1,576,758; Mar. 16.
Rochow, William F., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Refractory cement composition. 1,576,550; Mar. 16.
Rochowink, Harold S., Detroit, Mich. Demountable rim. 1,576,932; Mar. 16.
Roeblings, John A., Sons Company. (See Sunderland, Charles C., assignor.)
Roeller, Mary A., Astoria, N. Y. Article carrier. 1,577,298; Mar. 16.
Roessner, George, Los Angeles, Calif. Irrigation system. 1,576,790; Mar. 16.
Rohde, George C., Davenport, Iowa. Pinion-gear holder. 1,577,299; Mar. 16.
Rohlin, Victor A. (See Lyon, P. S., and Rohlin.)
Rohrig, Oliver H., Dana, W. Va. Automatic suction-line valve. 1,576,675; Mar. 16.
Romeyn, Jean, St. Gilles, near Brussels, Belgium. Centrifugal governor. 1,576,933; Mar. 16.
Roper, Geo. D., Corporation. (See Hobson, Stanley H. assignor.)
Rose, Richard C., Osceola, Ark. Condenser. 1,577,195; Mar. 16.
Rosner, Louis, Philadelphia, Pa. Fur marker. 1,576,791; Mar. 16.
Ross, Clyde P., Chicago, Ill. Process of and apparatus for handling and mixing coal. 1,577,365; Mar. 16.

Ross, Frederick N., and I. A. Letheo, Pontiac, Mich., assignor, by mesne assignments, to The Button Attaching Machine Co., Waterbury, Conn. Button. 1,577,079; Mar. 16.
Ross, Robert L., Indianapolis, Ind. Game apparatus. 1,576,792; Mar. 16.
Rothschild-Cregier Liquid Lens, Inc. (See Cregier, Nathaniel B., assignor.)
Ruble, Marion, Portland, Oreg. Cutter. 1,576,676; Mar. 16.
Running, William, Detroit, Mich. Electrical apparatus for treating diseases. 1,576,934; Mar. 16.
Ruocco, Costanzo, Philadelphia, Pa. Cabinet dresser. 1,577,366; Mar. 16.
Russell, Zachary E., St. Cloud, assignor to C. W. Warren, Sauk Rapids, Minn. Paint or stain mixing and coating apparatus for porch shades and the like. 1,576,551; Mar. 16.
Saart Brothers Company. (See Tucker, William J., assignor.)
Sadler, Luther, Los Angeles, Calif. Rear-vision mirror. 1,576,793; Mar. 16.
Salfisberg, Leroy L., Newark, N. J. Key carrier. 1,577,367; Mar. 16.
Sanborn, Albert E., Laconia, N. H. Reversible and interchangeable stocking top. 1,577,368; Mar. 16.
Sander, Charles G., Brookline, Mass. Brushing machine. 1,576,552; Mar. 16.
Sanders, George E., and R. H. Pestell, Louisville, Ky., assignors to Dosch Chemical Co. Nicotine dust for killing insects. 1,577,369; Mar. 16.
Sanders, William C., Santa Ana, Calif. Time-table chart. 1,576,935; Mar. 16.
Sanitarium and Hospital Equipment Company. (See Kellogg, John H., assignor.)
Sargent's, C. G., Sons Corporation. (See Furbush, Frank L., assignor.)
Sarpy, George, et al. (See Dominguez, Manuel D., assignor.)
Sasse, Wilhelm, Spandau, Germany. Drilling tool. 1,576,794; Mar. 16.
Savy, Emile L. A., Courbevoie, France. Confectionery machinery. 1,576,936; Mar. 16.
Schanke, Edward, Santa Rosa, Calif. Electric time switch. 1,577,300; Mar. 16.
Scheibeler, John H., assignor of one-fourth to A. P. Moran, Nebraska City, Nebr. Well rod and pipe coupling. 1,576,677; Mar. 16.
Schick, Jacob, Orange, assignor to M. R. Hutchison, West Orange, N. J. Pencil knife. Des. 69,719; Mar. 16.
Schlatterer, Fred, New York, N. Y. Tenon-milling machine. 1,576,849; Mar. 16.
Schleicher, Robert F., Rockville Center, N. Y., assignor to London Lightingwares Corporation. Glass ligating unit. Des. 69,720; Mar. 16.
Schmarge, Henry, Belen, N. Mex. Air-brake quick emergency control system. 1,577,424; Mar. 16.
Schmeiser, Theodore G., Davis, Calif. Automobile bed. 1,577,425; Mar. 16.
Schmidt, Ida A., Los Angeles, Calif. Shampoo tray. 1,577,060; Mar. 16.
Schmidt Lithograph Company. (See Miller, August F., assignor.)
Schneider, Adolf. (See Hangleiter, C., and Schneider, assignors.)
Schnelle, William W., Chillicothe, Mo. Accelerator for gas engines. 1,577,196; Mar. 16.
Schroeder, Edward J., Summit, N. J. Deck-lamp lighting fixture. 1,576,795; Mar. 16.
Schossow, Frederick A., Detroit, Mich. Flushing valve. 1,577,370; Mar. 16.
Schroepfer, Stanley. (See Solman, A., and Schroepfer.)
Schuchle, Andrew, Minneapolis, Minn. Controlling device for casement windows. 1,576,796; Mar. 16.
Schuermann, Anton C. (See Mueller, P., and Schuermann.)
Schultz, Edward, assignor to W. N. Jenkins, Chicago, Ill. Vending machine. 1,577,301; Mar. 16.
Schultz, Edward, assignor to W. N. Jenkins, Chicago, Ill. Vending machine. 1,577,302; Mar. 16.
Schumacher, Elmer L., assignor to American Optical Company, Southbridge, Mass. Zyl-covered separable end piece. 1,577,197; Mar. 16.
Schurch, Jacob, assignor of one-half to W. H. Heise, Los Angeles, Calif., and one-half to B. C. Tunison, Pittsburgh, Pa. Dynamo-electric machine. 1,577,303; Mar. 16.
Schurch, Jacob, assignor of one-half to W. H. Heise, Los Angeles, Calif., and one-half to B. C. Tunison, Pittsburgh, Pa. Motor wheel for vehicles. 1,577,304; Mar. 16.
Schuricht, Alfons G., and G. T. Wright, Alton, assignor to Western Cartridge Company, East Alton, Ill. Cartridge wad and making the same. 1,576,759; Mar. 16.
Schuricht, Alfons G., and G. T. Wright, Alton, assignors to Western Cartridge Company, East Alton, Ill. Composition and making the same. 1,577,426; Mar. 16.
Schustarich, George, Chicago, Ill. Precision measuring instrument. 1,576,797; Mar. 16.
Schuylkill Hosiery Mills, Inc. (See Robinson, Frank W., assignor.)
Scoville Manufacturing Company. (See Donahue, Francis R., assignor.)
Scrabic, Carl, Urbana, Ohio. Tone-arm construction. 1,576,850; Mar. 16.
Sebastiani, Attilio, assignor to The Selby Shoe Company, Portsmouth, Ohio. Wood-heel-breast-flap-layer. 1,576,998; Mar. 16.
Sebell, Harry, Boston, Mass. Container. 1,577,305; Mar. 16.
Secor, John A., La Porte, Ind., assignor to Advance-Rumely Company. Exhaust nozzle and assembly. 1,577,371; Mar. 16.
Sedlacek, John E., Schuyler, Nebr. Child's toy. 1,576,851; Mar. 16.
Seeger, Edwin W., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Electrical controller. 1,576,553; Mar. 16.
Selders, Hiester, Reading, Pa. Multicolor-inking mechanism. 1,576,852; Mar. 16.
Selders, Hiester, assignor of three-fourths to M. B. Hoffman, Reading, Pa. Multicolor wrapping-paper-printing machine. 1,576,853; Mar. 16.
Seltz, John F., Hollywood, Calif. Making motion-picture films. 1,576,854; Mar. 16.
Selby, Harley R., assignor to Cook Standard Tool Company, Kalamazoo, Mich. Cattle guard. 1,577,414; Mar. 16.
Selby Shoe Company, The. (See Sebastiani, Attilio, assignor.)
Seline, John, and A. D. Ferguson, Calgary, Alberta, Canada. Car seal. 1,577,372; Mar. 16.
Sells, J. H. and F. A., Company, The. (See Woodward, John H., assignor.)
Selser, Thomas W., Huntington Park, assignor, by mesne assignments, to Emsco Derrick & Equipment Company, Los Angeles, Calif. Calf-wheel construction. 1,577,306; Mar. 16.
Selvage, Edward L., et al. (See Snowden, Perry J., assignor.)
Sengbusch, Gustav J., Milwaukee, Wis. Ink pad. 1,577,081; Mar. 16.
Serres, Joseph B., Madisonville, assignor to one-third to P. Policar and one-third to O. P. Goldate, Madisonville, La. Vacuum reducer. 1,576,855; Mar. 16.
Seydel Chemical Company. (See Seydel, Paul, assignor.)
Seydel, Paul, Jersey City, N. J., assignor, by mesne assignments, to Seydel Chemical Company, New York, N. Y. Oxidizing aromatic side-chain compounds. 1,576,999; Mar. 16.
Shand, Errol B., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Rotary converter system. 1,576,856; Mar. 16.
Sharp, Otis E., Middleville, Mich. Direction signal. 1,577,373; Mar. 16.
Shaw, Thomas W., Hayesville, Ohio. Cement mixer. 1,576,678; Mar. 16.
Shaw Walker Company. (See Hunter, David E., assignor.)
Sheel, Herman W., Decorah, Iowa. Ventilating hood. 1,577,307; Mar. 16.
Shelley, Thomas W., assignor to J. L. Timmins, deceased, Los Angeles, Calif., by court order assigned to M. Timmins, widow. Gum or candy container. 1,577,374; Mar. 16.
Shipman, Luther W., Greenville, S. C. Work marking tool. 1,576,857; Mar. 16.
Sholes, Frederick, Chicago, Ill., assignor to Morley Multiple Typewriter Sales Corporation. Dual typewriting machine. 1,576,858; Mar. 16.
Shortt, Patrick J. (See Lindsey, E. E., and Shortt.)
Showers, Harold A., Geuda Springs, Kans. Reversible check valve and stop. 1,577,375; Mar. 16.
Sieck, William, jr., Chicago, Ill. Gas-temperature-control system for airships. 1,576,859; Mar. 16.
Siegel, Joseph, Pittsfield, Mass. Automatic stop. 1,577,198; Mar. 16.
Sierks, Charles H., assignor to Northwester Terra Cotta Company, Chicago, Ill. Multiunit-sill construction. 1,577,082; Mar. 16.
Sievers, Otto. (See Benda, L., and Sievers.)
Silbermann, Kohn & Wallenstein, Inc. (See Garlin, Isidor, assignor.)
Silica Gel Corporation, The. (See Patrick, Walter A., assignor.)
Silva, Frank, Copperhill, Tenn. Mill. 1,577,376; Mar. 16.
Sinclair, Alfred J., Dayton, Ohio. Shock absorber. 1,577,377; Mar. 16.
Skoog, Robert W. (See Voress, C. L., Canter and Skoog.)
Slatko, Harry, Philadelphia, Pa. Paper weight. Des. 69,721; Mar. 16.
Slepian, Joseph, Swissvale, and C. L. Fortescue, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Resonant shunt. 1,576,860; Mar. 16.
Smidley, George W., New Holland, Ohio. Hinge and support for closures. 1,577,378; Mar. 16.
Smith, A. O., Corporation, (See Smith, Lloyd R., assignor.)
Smith, Charles F., Schmidt, N. Dak. Attachment for phonographs. 1,576,554; Mar. 16.
Smith, Frederick W. (See Walker, Herbert A., assignor.)
Smith, Harry C., Arlington, assignor to Blake Electric Mfg. Co., Boston, Mass. Apparatus for withdrawing moisture by suction. 1,576,679; Mar. 16.
Smith, James, Donora, Pa. Movable headlight. 1,577,379; Mar. 16.

Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,576,680; Mar. 16.
Smith, Lewis P., Fulton, N. Y. Oil burner. 1,576,861; Mar. 16.
Smith, Lloyd R., assignor to A. O. Smith Corporation, Milwaukee, Wis. Oil-refining still and making the same by electric welding. 1,577,410; Mar. 16.
Smith, Morris H., Shreveport, La. Highway marker. 1,577,427; Mar. 16.
Smith, Walter L., Gastonia, N. C. Spindle device. 1,576,937; Mar. 16.
Smith, Walter R., New Orleans, La. Game trap. 1,577,000; Mar. 16.
Snider, Adolph G., Brooklyn, N. Y. Display device. 1,577,001; Mar. 16.
Snow, Fred W., Bryantville, Mass. Runner cutter. 1,576,862; Mar. 16.
Snow, Wilmer S., Oak Park, assignor to Crown Electrical Manufacturing Company, St. Charles, Ill. Lighting fixture. Des. 69,722; Mar. 16.
Snowden, Perry J., Kokomo, assignor to E. L. Selvage and H. A. Mathias, Indianapolis, Ind. Oil burner. 1,576,863; Mar. 16.
Socony Burner Corporation. See Metcalfe, Robert F., assignor.)
Societe Francaise des Crins Artificiels. See Defaucamberge, Jean, assignor.)
Sodastream, Limited. See Hucks, William, assignor.)
Sohm, Alfred L., Chicago, Ill. Radiator attachment. 1,576,864; Mar. 16.
Solman, Anton, and S. Schroepfer, Pittsburgh, Pa., assignors of two hundred and sixty-three three-hundred-and-fiftieths to said Solman and eighty-seven three-hundred-and-fiftieths to said Schroepfer. Repeating device for phonographs. 1,577,308; Mar. 16.
Soman, Michael E., assignor to D. Klebanoff and S. Grossman, copartners trading as Klebanoff and Grossman, New York, N. Y. Finger ring. Des. 69,723; Mar. 16.
Soman, Michael E., assignor to D. Klebanoff and S. Grossman, copartners trading as Klebanoff and Grossman, New York, N. Y. Finger ring. Des. 69,724; Mar. 16.
Soman, Michael E., assignor to D. Klebanoff and S. Grossman, copartners trading as Klebanoff and Grossman, New York, N. Y. Finger ring. Des. 69,725; Mar. 16.
Sonstegard, Rudolph F., Sisseton, S. Dak. Watering trough. 1,577,380; Mar. 16.
Sorensen, Stephen, New York, N. Y. Boiler-tube-scaling device. 1,577,309; Mar. 16.
Southmayd, Leon N., Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Pneumatic-tire valve mechanism. 1,576,555; Mar. 16.
Spalding, A. G., & Bros. (See Mullins, Robert T., assignor.)
Spaulding, John D., and O. D. Collis, assignors to The Collis Company, Clinton, Iowa. Grating. 1,577,267; Mar. 16.
Specialty Engineering Company. (See Warner, Arthur, assignor.)
Spengler, George H., assignor to W. A. Whitney Manufacturing Company, Rockford, Ill. Punch. 1,576,681; Mar. 16.
Sperry, Arhur B., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,577,083; Mar. 16.
Spiegel, Peter P., Kansas City, Mo. Weed puller. 1,576,798; Mar. 16.
Sprague, Clifford, St. Louis, Mo. Hack-saw frame. 1,577,381; Mar. 16.
Squibb, E. R., & Sons. See Nitardy, F. W., and Boyd, assignors.)
Staley, Raleigh H., assignor to The Baker Manufacturing Company, Springfield, Ill. Scraper elevating and lowering mechanism. 1,576,865; Mar. 16.
Staley, Wilmer C., Tippecanoe City, Ohio. Pulp beating or breaking machine. 1,577,002; Mar. 16.
Standard Conveyor Company. See Beulke, Gordon W., assignor.)
Staples, Earle I., New York, N. Y. Pumping, filtering, and heating system for oil-burning plants. 1,477,428; Mar. 16.
Stapp, Charles M., Springfield, Mo. Safety device. 1,576,682; Mar. 16.
Start, George W., assignor of one-half to G. Kinnear, Portland, Oreg. Oil burner. 1,577,199; Mar. 16.
Stearns, Frederick B., Worcester, Mass. Making cloth and mechanism therefor. 1,576,866; Mar. 16.
Stebbins Engineering & Manufacturing Company. (See Babcock, Fred J., assignor.)
Steele, Edwin G. (See Sutton, H. M., and Steele.)
Steele, Walter L. (See Sutton, H. M., and Steele.)
Steinberg, Sol S. (See Randol, Glenn T., assignor.)
Steinberger, Louis, Brooklyn, N. Y. Combined dial and knob. Des. 69,726; Mar. 16.
Stephen, William A., Rockford, Ill. Dental flask. 1,576,556; Mar. 16.
Stevens, Frederick A., and J. W. Welsh, Providence, R. I., assignors, by mesne assignments, to Bausch and Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 1,576,868; Mar. 16.
Stevens, Frederick A., and J. W. Welsh, Providence, R. I., assignors to Bausch and Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 1,576,869; Mar. 16.
Stevens, Frederick A., and J. W. Welsh, Providence, R. I., assignors to Bausch and Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 1,576,870; Mar. 16.
Stevens, Frederick A., Providence, R. I., assignor, by mesne assignments, to Bausch and Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 1,576,871; Mar. 16.
Stevens, Frederick A., Providence, R. I., assignor, by mesne assignments, to Bausch and Lomb Optical Company, Rochester, N. Y. Method of making connections between metal and nonmetallic members. 1,576,874; Mar. 16.
Stewart-Warner Speedometer Corporation. (See Olsen, John K., assignor.)
Stockbridge, Joseph, et al. (See Richards, Silas G., assignor.)
Stoecker, V. C., et al. (See Berkshire, Melvin, assignor.)
Stoll, John. (See Kaltenback, J. D., and Stoll.)
Storch, Henry H. (See Gauger, A. W., and Storch.)
Stoye, Lothar, Cleveland, Ohio. Railway tie and rail-securing means. 1,577,384; Mar. 16.
Straub, Francis J., New Kensington, Pa. Pallet for block-making machines. 1,577,383; Mar. 16.
Straub, Francis J., New Kensington, Pa., assignor to Crozier-Straub, Inc., New York, N. Y. Crusher. 1,577,382; Mar. 16.
Strecker, Fred M., Akron, Ohio. Method and apparatus for coating pipe. 1,577,084; Mar. 16.
Strid, Sven J., assignor to F. Mathews, Chicago, Ill. Draft gear. 1,576,683; Mar. 16.
Strully, Jacques M., Brooklyn, N. Y. X-ray-film viewing stand for surgeons. 1,576,557; Mar. 16.
Struziano, Lucien A. L., Paris, France. Telephone receiver. 1,576,938; Mar. 16.
Stuart, Harve R., assignor to The Robbins & Myers Company, Springfield, Ohio. Oscillating fan. 1,576,684; Mar. 16.
Stuart, Nicholas H. (See Wigginton, G. P., Allyn, and Stuart.)
Stull Process Company. (See Stull, Ray T., assignor.)
Stull, Ray T., Columbus, Ohio, assignor to Stull Process Company, Savannah, Ga. Ceramic material. 1,576,558; Mar. 16.
Stump, Horace E. (See Loomis, C. C., and Stump.)
Sturges, Joseph H., Kansas City, Mo. Shotgun shell. 1,576,875; Mar. 16.
Sunderland, Charles C., assignor to John A. Roebling's Sons Company, Trenton, N. J. Method and means for socketing composite wire strands. 1,577,003; Mar. 16.
Superheater Company, The. (See Averill, Earl A., assignor.)
Sutton, Henry M., W. L. Steele, and E. G. Steele, Dallas, Tex. Mounting for shaker screens or the like. 1,577,310; Mar. 16.
Swan, John G., Marietta, Ohio. Collecting, conserving, and storing natural cold. 1,576,867; Mar. 16.
Swank, Thomas M. (See Jordan, W. V., and Swank.)
Swift, Joseph K., Brooklyn, N. Y. Structural material. 1,576,559; Mar. 16.
Tarbox, Gurdon L., North Plainfield, N. J. Universal joint. 1,577,208; Mar. 16.
Taylor, Bayard E., Oak Park, Ill. Automobile doorlock. 1,576,876; Mar. 16.
Taylor, Bayard E., Oak Park, Ill. Vehicle door latch. 1,576,877; Mar. 16.
Taylor, Earl R., Adel, Iowa. Auxiliary radiating attachment for hot-air furnaces. 1,577,385; Mar. 16.
Taylor, James A., Richmond, Ky. Collar button and tie holder. 1,576,685; Mar. 16.
Teichmann, Albert, Zeitz, Germany. Safety device for elevators, conveyers, and like apparatus. 1,576,560; Mar. 16.
Terry, Charles M., assignor to A. W. Cash Co., Decatur, Ill. Valve. 1,576,686; Mar. 16.
Thermic Generating Company. (See Carter, Mitchell, assignor.)
Thews, Karl B., assignor to W. A. J. Bell, Denver, Colo. Recovering rare metals from their ores. 1,577,411; Mar. 16.
Thomas, Arthur H. (See Davies, D. C., and Thomas.)
Thomas, Richard H., Chicago, Ill. Automatic-control heating plant. 1,576,687; Mar. 16.
Thomas, Stanley R., assignor to Jordon Motor Car Company, Inc., Cleveland, Ohio. Steering-column structure. 1,577,048; Mar. 16.
Thompson, Henry F., Decorah, Iowa. Bait and tackle container. 1,576,688; Mar. 16.
Thompson, Joseph S., San Francisco, Calif. Electric switch. 1,576,799; Mar. 16.
Thompson, Ralph S., New York, N. Y. Body garment of the corset or girdle type. 1,577,260; Mar. 16.
Thorsby, Karl J. (See Bold, A. J., and Thorsby.)
Thuesen, Niels, Los Angeles, Calif. Fluid brake. 1,577,049; Mar. 16.
Thynne, John G., Tulameen, British Columbia, Canada. Mowing machine. 1,576,678; Mar. 16.
Tibony, Henry, New York, N. Y. Combination protractor and compass. 1,576,800; Mar. 16.
Tighe, Loretta F., New York, N. Y. Body garment. 1,577,085; Mar. 16.

Tilling-Stevens Motors Limited. (See Whitehorn, Harold K., assignor.)
Timbs, Edward. (See Zerbe, L. E., and Timbs.)
Timbs, Edward, Los Angeles, and L. E. Zerbe, Moneta, assignors to Union Tool Company, Torrance, Calif. Wire-line guard for traveling blocks. 1,577,403; Mar. 16.
Timmins, John L. (See Shelley, Thomas W., assignor.)
Timmins, Margaret. (See Shelley, Thomas W.)
Timmons, John S., Philadelphia, Pa. Telephone receiver. 1,577,270; Mar. 16.
Toledo Scale Company. (See Crane, Samuel G., assignor.)
Toledo Scale Company. (See Hapgood, Clarence H., assignor.)
Toledo Scale Company. (See Wetzel, Lewis C., assignor.)
Tolliver, Fred D., Henry, Ill. Thrashing machine 1,576,760; Mar. 16.
Toomey, John F., New York, N. Y., assignor to American Telephone and Telegraph Company. Arrangement for exercising remote control over repeaters. 1,576,561; Mar. 16.
Tost, Charles R., Centerdale, assignor to The Hadley Company, Providence, R. I. Wrist-watch strap. 1,576,689; Mar. 16.
Towner, Heber F., Santa Ana, Calif. Attachment for tractors. 1,577,086; Mar. 16.
Trautman, Walter G., Cleveland Heights, assignor to The Cleveland Folding Machine Co., Cleveland, Ohio. Paper-folding machine. 1,577,271; Mar. 16.
Travis, Porter M., Sherman, Tex. Luggage carrier. 1,577,386; Mar. 16.
Treadaway, Linton E., Daytona Beach, assignor of one-half to J. J. Reedy, Daytona, Fla. Wrist pencil and holder therefor. 1,577,272; Mar. 16.
Trethaway, Joseph D. (See Hickman, Clifford M., assignor.)
Trieschmann, Carl H., Milwaukee, Wis. Arch support 1,577,273; Mar. 16.
Trollhattans Elektrothermiska Aktiebolag. (See Andersen, Fridtjof, assignor.)
Trova, Ernest, St. Louis, Mo. Hover. 1,577,387; Mar. 16.
Troy Laundry Machinery Co. (See Balzer, Fritz, assignor.)
Truesdell, Jay C., Jamaica, N. Y., assignor to G. O. Gridley, Springfield, Mass. Can opener. 1,577,274; Mar. 16.
Tucker, William J., Norton, Mass., assignor to Saart Brothers Company. Loose-powder container. 1,577,275; Mar. 16.
Tunison, Benjamin C., et al. (See Schurch, Jacob, assignor.)
Turney, Eugene T., Holmes, assignor to G. L. Hathaway, C. L. Gesell, jr., and G. C. Knott, Brooklyn, N. Y. Clutch mechanism. 1,577,004; Mar. 16.
Twin City Scenic Company. (See Brown, William K., assignor.)
Twyman, Frank, assignor to Adam Hilger, Limited London, England. Projection apparatus. 1,577,388; Mar. 16
Uhlinger, Roy H. (See Brownlee, R. H., and Uhlinger.)
Ullrich, Georg, Madgeburg, assignor to the Firm Fried. Krupp Grusonwerk Aktiengesellschaft, Madgeburg-Buckau, Germany. Process and apparatus for wet magnetic separation. 1,576,690; Mar. 16.
Underwood Computing Machine Company. (See Conard, Frederick U., assignor.)
Underwood Computing Machine Company. (See Kupetz, Adolph G., assignor.)
Underwood Typewriter Company. (See Smith, Jesse A. B., assignors.)
Union Draft Gear Co. (See Cotton, Walter H., assignor.)
Union Switch & Signal Company, The. (See Blosser, Herman G., assignor.)
Union Tool Company. (See Goeser, E. W., and McDuffie, assignors.)
Union Tool Company. (See Timbs, E., and Zerbe, assignors.)
Union Tool Company. (See Zerbe, L. E., and Timbs, assignors.)
United Products Company. (See Glaze, Herbert L., assignor.)
United Shoe Machinery Corporation. (See Casgrain, Louis A., assignor.)
United Shoe Machinery Corporation. (See Johnson, Albert E., assignor.)
United Shoe Machinery Corporation. (See Littlefield, Augustine F., assignor.)
Untermeyer, Robbins & Co. (See Robbins, Meyer L., assignor.)
Urban, Karel, Pecky, assignor to S. Elbogen, Prague, Czechoslovakia. Purification of sugar solutions. 1,577,389; Mar. 16.
Ury, Serge. (See Voss, J. D., and Ury.)
Vallas, Lionel, Chicago, Ill. Ventilator. 1,576,879; Mar. 16.
Vang, George, Cumberland, Md. Ballast-cleaning device. 1,577,390; Mar. 16.
Van Ranst, Cornelius W., Indianapolis, Ind. Brake construction. 1,576,880; Mar. 16.
Varaud, André, Geneva, Switzerland. Clockwork for mechanical fuses for artillery projectiles. 1,577,391; Mar. 16.
Vego Mfg. Company, The. (See Volk, Joseph A., jr., assignor.)
Venables, Robert E. S., London, England. Automatic direction of traveling bodies. 1,577,392; Mar. 16.
Vesey, Dick M., Fort Wayne, Ind. Mold-insert-feeding mechanism. 1,576,691; Mar. 16.
Vesuvius Crucible Company. (See Jackman, Arthur J., assignor.)
Victor X-Ray Corporation. (See Wantz, Julius B., assignor.)
Vidach, John B., Chicago, Ill. Spring. 1,576,692; Mar. 16.
Vitek, Charles, Omaha, Nebr. Automatically-adjustable stool. 1,576,881; Mar. 16.
Voegeli, Frederick B., Easton, Pa. Apparatus for and method of treating textiles. 1,577,393; Mar. 16.
Voices Incorporated. (See Evans, Fred, assignor.)
Voleske, John, Portland, Oreg. Cutter. 1,576,882; Mar. 16.
Volk, Joseph A., jr., Norwalk, Conn., assignor to The Veco Mfg. Company. Fixture. 1,577,413; Mar. 16.
Voress, Clyde L., Charleston, W. Va., V. C. Canter, Tulsa, Okla., and R. W. Skoog, Charleston, W. Va., assignors to Gasoline Recovery Corporation. Absorption apparatus. 1,577,200; Mar. 16.
Voss, Jacob D., and S. Ury, Chicago, Ill. Embroidery. 1,576,562; Mar. 16.
W-H Keyless Lock Company. (See Wildrick, M., and Hatch, assignors.)
Wagner Electric Corporation. (See McCormick, Bradley, assignor.)
Wald Manufacturing Company. (See Pawsat, Ewald F., assignor.)
Walker, Herbert A., Fullerton, assignor to F. W. Smith, Whittier, Calif. Brake structure. 1,577,005; Mar. 16.
Walker, James E., La Habra, Calif. Drill bit. 1,576,693; Mar. 16.
Wals, George J., Oak Park, Ill. Nonheat conducting receptacle. 1,576,939; Mar. 16.
Wantz, Julius B., Oak Park, assignor to Victor X-ray Corporation, Chicago, Ill. Water-cooled ultra-violet apparatus. 1,576,694; Mar. 16.
Watts, Elmer A., assignor to The Miller Improved Gas Engine Company, Springfield, Ohio. Bed casting for gas engines. 1,577,006; Mar. 16.
Warner, Arthur, assignor to Specialty Engineering Company, Philadelphia, Pa. Pocket or storage bin. 1,576,940; Mar. 16.
Warren, Clyde W. (See Russell, Zachary E., assignor.)
Washington Steel Form Company. (See Wells, Hewitt, assignor.)
Weaver, Victor M., Harrisburg, Pa. Making graphite. 1,576,883; Mar. 16.
Webb, Frank B. (See Morrison, H. D., and Webb.)
Weber, Frank R., St. Paul, Minn. Ladder-bracing attachment. 1,576,695; Mar. 16.
Weber, Joseph. (See Rahn, A., and Weber.)
Wehr, William G., East Cleveland, assignor to The Cleveland Crane and Engineering Company, Wickliffe, Ohio. I-beam monorail. 1,577,394; Mar. 16.
Weidlich Bros. Mfg. Co., The. (See Flauder, Alfred J., assignor.)
Weigel, Daniel M., London, England, assignor, by mesne assignments, to American Wire Cord Tire Company, Wilmington, Del. Pneumatic-tire fabric. 1,577,050; Mar. 16.
Weil, Leon, Inc. (See Coblentz, Louis J., assignor.)
Weimer, George W., Girard, Ohio. Repeater terminal for rolling mills. 1,577,412; Mar. 16.
Welch, Harvey S., jr., Charleston, S. C. Automatic scale. 1,577,395; Mar. 16.
Wellman, Frank E., assignor to The Kansas City Gasoline Company, Kansas City, Kans. Heating system for oil stills. 1,576,563; Mar. 16.
Wellman, Frank E., assignor to The Kansas City Gasoline Company, Kansas City, Kans. Apparatus for distilling hydrocarbons. 1,576,564; Mar. 16.
Wellman, Henry J. (See Lovern, S. J., and Wellman.)
Wells, Hewitt, assignor to Washington Steel Form Company, Washington, D. C. Form for concrete construction. 1,577,429; Mar. 16.
Welsh, James W. (See Stevens, F. A., and Welsh.)
Wertheimer, Robert, assignor to Cohn, Hall, Marx Co., New York, N. Y. Wrapping paper. Des. 69,727; Mar. 16.
Wesolik, Joseph, assignor of one-fourth to E. Luetscher, Belleville, Ill., and one-fourth to L. Kribben, Clinton, Mass. Coupler. 1,577,278; Mar. 16.
Wesolik, Joseph, assignor of one-fourth to E. Luetscher, Belleville, Ill., and one-fourth to L. Kribben, Clinton, Mass. Coupler. 1,577,279; Mar. 16.
West Electric Hair Curler Corporation. (See O'Neal, Frank, assignor.)
Westbury, William, Independence, Kans., assignor, by mesne assignments, to Harding Glass Company, Fort Smith, Ark. Drawing glass cylinders. 1,577,007; Mar. 16.
Westbury, William, Independence, Kans., assignor, by mesne assignments, to Harding Glass Company, Fort Smith, Ark. Glass drawing apparatus. 1,577,008; Mar. 16.
Western Cartridge Company. (See Schuricht, A. G., and Wright, assignors.)

Western Electric Company. (See Albert, Walter P., assignor.)
Western Electric Company. (See Clark, Edgar H., assignor.)
Western Electric Company. (See Hoffmann, Henry L., assignor.)
Western Electric Company. (See Kerr, Mark B., assignor.)
Western Electric Company. (See Lundius, Eric R., assignor.)
Western Electric Company. (See Miller, Ohmer R., assignor.)
Western Electric Company. (See Powell, Albert C., assignor.)
Western Electric Company. (See Sperry, Arthur B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bakken, Andrew H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Deuser, Robert, assignor.)
Westinghouse Electric and Manufacturing Company. (See Eschholz, O. H., and Guest, assignors.)
Westinghouse Electric and Manufacturing Company. (See Flanders, Warren B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Frost, Leslie E., assignor.)
Westinghouse Electric and Manufacturing Company. (See Hanson, Ivan S., assignor.)
Westinghouse Electric and Manufacturing Company. (See Houston, H. A., and Alben, assignors.)
Westinghouse Electric & Manufacturing Company. (See Loudon, Warren P., assignor.)
Westinghouse Electric & Manufacturing Company. (See MacCahan, Paul, assignor.)
Westinghouse Electric & Manufacturing Company. (See McNeill, Ralph W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Shand, Errol B., assignor.)
Westinghouse Electric and Manufacturing Company. (See Slepian, J., and Fortescue, assignors.)
Wetzel, Lewis C., Windsor, Ontario, Canada, assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 1,577,009; Mar. 16.
Whatley, Alfred H., Providence, R. I., assignor to New England Motor Company, Incorporated. Engine. 1,577,010; Mar. 16.
Wheltle, Charles B. (See Beitzell, A. F., and Wheltle.)
White, Charles J., Kurthwood, La. Tractor. 1,577,396; Mar. 16.
White Company, The. (See Fick, Ferdinand E., assignor.)
Whitehorn, Harold K., assignor to Tilling-Stevens Motors Limited, Victoria Works, Maidstone, Kent, England. Control of vehicles provided with electrical transmission. 1,577,397; Mar. 16.
Whitford, Ruth, Waterloo, N. H. Bedclothes support. 1,577,089; Mar. 16.
Whitney, W. A., Manufacturing Company. (See Spengler, George H., assignor.)
Whitten, Frank A., assignor to General Motors Corporation, Detroit, Mich. Hood-door construction for motor vehicles. 1,576,565; Mar. 16.
Whitten, Walter, Schenectady, N. Y. Electrical heater. 1,577,276; Mar. 16.
Wicks, John, Oak Park, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Telephone system. 1,576,884; Mar. 16.
Wigginton, George P., assignor to Kalamazoo Loose Leaf Binder Company, Kalamazoo, Mich. Loose-sheet device. 1,576,696; Mar. 16.
Wigginton, George P., L. L. Allyn, and N. H. Stuart, assignors to Kalamaroo Loose Leaf Binder Company, Kalamazoo, Mich. Loose-sheet device. 1,576,697; Mar. 16.
Wilde, Louis J., Los Angeles, Calif. Metal picture molding. 1,576,885; Mar. 16.
Wildrick, Meade, and A. G. Hatch, Honolulu, Hawaii, assignors to W-H Keyless Lock Company, Limited. Keyless lock. 1,577,398; Mar. 16.
Willber, Charles. (See Felton W., and Willber.)
Williams Auto Awning Co. (See Williams, Louis H., assignor.)
Williams, George N. (See Porath, C. A., and Williams.)
Williams, Louis H., assignor to Williams Auto Awning Co., St. Joseph, Mo. Automobile awning. 1,576,886; Mar. 16.
Williams, Paul F., assignor to G. & W. Electric Specialty Co., Chicago, Ill. Protective device for use in connection with potheads and similar structures. 1,577,433; Mar. 16.
Williams, Raymond L., San Francisco, Calif. Shipping crate. 1,577,399; Mar. 16.
Williams, Richard J., Virginia, Minn. Pipe connection. 1,576,695; Mar. 16.
Williams Tool Corporation. (See Hall, Leslie S., assignor.)
Williamson, Henry R., Atlanta, Ga. Safety device for locomotives. 1,577,401; Mar. 16.
Williamson, Robert L., Erwin, Tenn. Padlock. 1,576,699; Mar. 16.
Willison, John, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 1,577,087; Mar. 16.
Williston Belvin T., Somerville, Mass., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Feedwater strainer for locomotives. 1,577,088; Mar. 16.
Wilson, Leslie A., Seattle, Wash. Power-take-off device. 1,576,887; Mar. 16.
Willys-Morrow Company, The. (See Lutz, Hans, assignor.)
Willys-Overland Company, The. (See King, Fred B., assignor.)
Witherow Steel Company. (See Witherow, William P., assignor.)
Witherow, William P., Pittsburgh, Pa., assignor to Witherow Steel Company. Die-rolled article and making the same. 1,577,430; Mar. 16.
Wolf, Elmer E. (See Osgood, L. A., and Wolf.)
Wolf Machine Company, The. (See Meyer, Henry A., assignor.)
Wolfe, Gartha E., Philadelphia, Pa. Therapeutic device. 1,577,277; Mar. 16.
Woodward, John H., assignor to The J. H. and F. A. Sells Company, Columbus, Ohio. Tarpaulin for recreation fields. 1,576,888; Mar. 16.
Wray, James M. and V. P., Yakima, Wash. Tractor hitch. 1,577,402; Mar. 16.
Wray, Vinton P. (See Wray, James M. and V. P.)
Wright, George T. (See Schuricht, A. G., and Wright.)
Wright, Horace C. (See McArdle, M. W., and Wright.)
Wulf, Charles A., Indianapolis, Ind. Automatic fuel cutout. 1,576,880; Mar. 16.
Xippas, Socrates A., Pittsburgh, Pa. Electric fan. Re16,294; Mar. 16.
Xippas, Socrates A., Pittsburgh, Pa. Ventillating fan. 1,577,280; Mar. 16.
Yale & Towne Manufacturing Company, The. (See Potter, Robert S., assignor.)
Yardley, Charles F., Larchmont, N. Y. Rail anchor. 1,576,890; Mar. 16.
Young Brothers. (See Young, Lewis D., assignor.)
Young, Lewis D., assignor to Young Brothers, Providence, R. I. Box. 1,577,400; Mar. 16.
Zander, Henry L., New Orleans, La. Pipe joint. 1,577,090; Mar. 16.
Zellstoffabrik Waldhof. (See Hangleiter, C., and Schneider, assignors.)
Zerbe, Lewis E. (See Timbs, E., and Zerbe.)
Zerbe, Lewis E., Moneta, and E. Timbs, Los Angeles, assignors to Union Tool Company, Torrance, Calif. Crown-block construction. 1,577,404; Mar. 16.
Zieschang, Paul C., Columbus, Ohio. Flash light. 1,576,700; Mar. 16.
Zimmer Albert, et al. (See Berkshire, Melvin, assignor.)

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 16TH DAY OF MARCH, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Absorption apparatus. C. L. Voress, V. C. Canter, and R. W. Skoog. 1,577,200; Mar. 16.
Acid and solutions of persulphuric-acid salts, Distillation of persulphuric. G. Baum. 1,577,201; Mar. 16.
Acid and waste heat from sulphite-cellulose boilers, Method of and system for regenerating sulphurous. K. C. Hangleiter and A. Schneider. 1,576,970; Mar. 16.
Acid, Stabilizing liquid hydrocyanic. G. H. Buchanan. 1,577,057; Mar. 16.
Acridinium compounds, Production of. L. Benda and O. Sievers. 1,577,416; Mar. 16.
Actuating mechanism. H. A. Foothorap. 1,576,960; Mar. 16.
Adding-machine spool. E. G. Leon. 1,577,326; Mar. 16.
Advertising card. J. W. Odlin. 1,576,673; Mar. 16.
Advertising device. S. B. Egan. 1,576,636; Mar. 16.
Advertising device. R. S. Fenner. 1,577,213; Mar. 16.
Aerofoil. C. O. Prowse. 1,576,995; Mar. 16.
Aeroplane. E. F. Merritt. 1,577,339; Mar. 16
Aeroplanes, Automatic control device for the stabilizing mechanism of. P. Gerster. 1,576,905; Mar. 16.
Aeroplanes, Automatic control for. R. E. Mitton. 1,576,839; Mar. 16.
Agitating and batting machine. F. Mayer. 1,576,525; Mar. 16.
Agricultural implement. W. H. McCartney. 1,577,282; Mar. 16.
Air-brake quick emergency control system. H. Schmarge. 1,577,424; Mar. 16.
Air compressor. J. O. Carrey. 1,576,571; Mar. 16.
Air furnace, Compressed. A. W. Bennis. 1,577,416; Mar. 16.
Air gauge, Automatic. C. E. Bridges. 1,577,243; Mar. 16.
Airships, Gas-temperature-control system for. W. Sleck, jr. 1,576,859; Mar. 16.
Air springs and the like, Mounting for vehicle. R. L. Gruss. 1,577,253; Mar. 16.
Alarm: *See*—
Burglar alarm.
Amusement apparatus. C. Kocher. 1,577,037; Mar. 16.
Amusement device. C. A. Boyle. 1,577,169; Mar. 16.
Angular side or decagon cap. C. Hammer. 1,577,019; Mar. 16.
Animal-control device. G. L. Bowman. 1,576,714; Mar. 16.
Animal trap. V. Bailey. 1,576,707; Mar. 16.
Animal trap. J. O'Kelly. 1,576,841; Mar. 16.
Arc flash light. L. S. Rennick. 1,576,618; Mar. 16.
Arc-resisting material and making. O. H. Eschholz and P. G. Guest. 1,576,732; Mar. 16.
Arch support. A. L. Cramer. 1,577,203; Mar. 16.
Arch support. C. H. Trieschmann. 1,577,273; Mar. 16.
Aromatic-side chain compounds, Oxidizing. P. Seydel. 1,576,999; Mar. 16.
Article carrier. M. A. Roeller. 1,577,298; Mar. 16.
Artillery projectiles, Clockwork for mechanical fuses for. A. Varaud. 1,577,891; Mar. 16.
Automatic gate. G. W. King. 1,577,128; Mar. 16.
Automobile doorlock. B. E. Taylor. 1,576,876; Mar. 16.
Automobile doors, Connecter for two-part. M. R. Hull. 1,577,256; Mar. 16.
Automobile radiator. E. Hagen. 1,576,651; Mar. 16.
Automobile radiator. M. M. Larsen. 1,576,833; Mar. 16.
Automobile signal, Faceplate for an. N. R. Mayosa and A. H. Murray. Des. 69,709; Mar. 16.
Automobile spring. L. Hotto. 1,577,233; Mar. 16.
Automobile washer and drier. E. B. Johnson. 1,577,318; Mar. 16.
Automobile wind deflector. B. Jassen. 1,577,258; Mar. 16.
Automobiles, Mechanism for power transmission and speed variation in. I. Benjamins. 1,576,624; Mar. 16.
Automobiles, Convertible seat for. A. Holly. 1,577,232; Mar. 16.
Awning, Automobile. L. H. Williams. 1,576,886; Mar. 16.
Babbitting equipment, Universal. M. Michalk. 1,577,342; Mar. 16.
Bag holder and cut-off, Combined. P. Lassen. 1,576,660; Mar. 16.
Bait and tackle container. H. F. Thompson. 1,576,688; Mar. 16.
Balance. P. C. Jouan. 1,576,914; Mar. 16.
Balancing arrangement, Duplex. H. A. Affel. 1,576,566; Mar. 16.
Ball retainer. P. Erickson. 1,577,211; Mar. 16.
Ballast-cleaning device. G. Vang. 1,577,390; Mar. 16.
Banjos, Tube resonator for. W. L. Lange. 1,576,981; Mar. 16.
Bank fixture. C. A. Honsinger. 1,576,655-6; Mar. 16.
Bar: *See*—
Fastener bar.
Bath spray. J. F. Nagorski and O. C. Cecil. 1,577,345; Mar. 16.
Bathing cap. H. A. Bauman. Des. 69,683; Mar. 16.
Bathing cap. J. W. Higgins. Des. 69,705; Mar. 16.
Battery: *See*—
Electric battery. Electric storage battery.
Battery-charging apparatus. A. J. Horton. 1,577,028; Mar. 16.
Battery, Electric storage. O. E. Huebner. 1,576,974; Mar. 16.
Battery, theft-proof locking device, Storage. C. P. Obreiter. 1,577,292; Mar. 16.
Bearing-sleeve puller. D. O. Miller. 1,576,534; Mar. 16.
Bed, Automobile. T. G. Schmeiser. 1,577,425; Mar. 16.
Bedclothes support. R. Whitford. 1,577,089; Mar. 16.
Bed for automobiles, Folding. C. Lowery. 1,576,919; Mar. 16.
Bed structure, Railway. G. W. Muller. 1,577,286; Mar. 16.
Belt connector. A. Mazac. 1,576,526; Mar. 16.
Belt tightener with rapid belt tension release. W. Jardh. 1,577,317; Mar. 16.
Bench and sheet-music rack, Combined piano. S. E. Ahlstedt. 1,577,091; Mar. 16.
Bin: *See*—
Pocket or storage bin.
Binding post. C. Hardy. 1,576,604; Mar. 16.
Bit: *See*—
Drill bit.
Block-making machine, Pallet for. F. J. Straub. 1,577,383; Mar. 16.
Blowing glass, Apparatus for. O. A. Hanford. 1,576,745; Mar. 16.
Boiler: *See*—
Steam boiler.
Boiler-tube-scaling device. S. Sorensen. 1,577,309; Mar. 16.
Bolt-heating furnace. C. T. Mulvany. 1,577,432; Mar. 16.
Bottle holder for bottle-washing machines. A. Andersson. 1,577,092; Mar. 16.
Bottle machine. R. La France. 1,577,131; Mar. 16.
Bottle, Perfume. G. T. Gibson. Des. 69,700; Mar. 16.
Bottle-washing device. G. Huss. 1,577,236; Mar. 16.
Bottles and like containers, Device for use in removing measured quantities of the contents of. W. Hucks. 1,577,235; Mar. 16.
Box: *See*—
Candy box.
Box. L. D. Young. 1,577,400; Mar. 16.
Box adapted particularly for clips. E. C. Egelin. 1,576,637; Mar. 16.
Box bottoms, Mechanism for making. J. Albrecht. 1,576,495; Mar. 16.
Boxes, Apparatus for making. R. G. Clark. 1,576,810; Mar. 16.
Bowls, Immersing device for washing. F. L. Furbush. 1,577,221; Mar. 16.
Bracelet or the like, Initial link for. M. L. Greenstreet. Des. 69,702; Mar. 16.
Brace: *See*—
Derrick brace.
Bracket: *See*—
Electric-fixture mounting bracket. Guard bracket.
Scaffold bracket.
Bracket. C. M. Hickman. 1,576,825; Mar. 16.
Brake: *See*—
Fluid brake.
Brake construction. C. W. Van Ranst. 1,576,890; Mar. 16.
Brake-operating linkage. F. E. Fick. 1,576,988; Mar. 16.
Brake operator, Fluid-. G. Cattaneo. 1,577,105; Mar. 16.
Brake structure. H. A. Walker. 1,577,005; Mar. 16.

Bread compound, Manufacture of. E. E. Lindsey and P. J. Shortt. 1,576,664; Mar. 16.
Bread loaves, Machine for molding. R. J. Labeyrie and F. A. Iavagnilio. 1,577,130; Mar. 16.
Breakers, Feeder for. F. Pardee. 1,577,072; Mar. 16.
Bricks or the like, Grasping device for loading or piling. C. F. Neumann. 1,577,347; Mar. 16.
Broom, Lawn. H. E. Fuller. 1,577,065; Mar. 16.
Brush, Fountain. A. Rapisardi. 1,577,192; Mar. 16.
Brushing machine. C. G. Sander. 1,576,552; Mar. 16.
Bucket, Detachable conveyer. F. H. Lamb. 1,576,520; Mar. 16.
Bucket unloader. W. A. Lewis. 1,577,329; Mar. 16.
Bumper and guide, Trailer. D. K. Hutchinson. 1,576,975; Mar. 16.
Bumper-supporting brackets, Clamp for. W. W. Donegan. 1,576,634; Mar. 16.
Bumper, Towline. S. C. Gould. 1,576,967; Mar. 16.
Bundle binding and tying machine. C. E. Evans. Re16,292; Mar. 16.
Burglar alarm. B. Fotheringham. 1,576,818; Mar. 16.
Burner: *See*—
Oil burner.
Burner. G. Leich. 1,576,751; Mar. 16.
Button. F. N. Ross and I. A. Lethco. 1,577,079; Mar. 16.
Butyric aldehyde, Production of. C. E. Pigg. 1,576,544; Mar. 16.
Cabinet. H. D. Alfrey. 1,576,802; Mar. 16.
Cabinet dresser. C. Ruocco. 1,577,366; Mar. 16.
Cable support. M. J. Cafiero. 1,576,947; Mar. 16.
Calf-wheel construction. T. W. Selser. 1,577,306; Mar. 16.
Camera films and similar purposes, Spool for photographic. T. G. Baxenden. 1,577,202; Mar. 16.
Can opener. F. E. Johnson. 1,577,261; Mar. 16.
Can opener. Jay C. Truesdell. 1,577,274; Mar. 16.
Candy box. E. W. Poppe. 1,577,358; Mar. 16.
Cap. S. Kaner. 1,576,611; Mar. 16.
Car coupler. C. B. Moore. 1,577,284; Mar. 16.
Car coupler. J. Willison. 1,577,087; Mar. 16.
Car door. I. P. Bendikson. 1,576,500; Mar. 16.
Car seal. J. Seline and A. D. Ferguson. 1,577,372. Mar. 16.
Car seat. C. T. Hansen. 1,576,746; Mar. 16.
Car seat. C. T. Hansen. 1,577,025–6; Mar. 16.
Car wheel. J. M. Jones. 1,577,260; Mar. 16.
Carbon and other coated papers, Making. A. Haigh. 1,576,601; Mar. 16.
Carburetor. G. E. Riblet. 1,576,620; Mar. 16.
Card holder, Registration-. H. Anderson and G. W. V. Hackett. 1,576,703; Mar. 16.
Cards, Holder for registration. B. H. Börreson. 1,576,713; Mar. 16.
Carpenter's work support. E. Laser, Paterson, N. J. 1,576,521; Mar. 16.
Carriage, Folding baby. V. Bibo. 1,576,501; Mar. 16.
Carrier: *See*—
Article carrier. Luggage carrier.
Key carrier. Package carrier.
Carton, Display. C. W. Jack. 1,576,731; Mar. 16.
Cartridge wad and making the same. A. G. Schuricht and G. T. Wright. 1,576,759; Mar. 16.
Case: *See*—
Vanity case.
Caster. E. T. Malloy. 1,576,922 3; Mar. 16.
Catalytic agents, Preparing. W. A. Patrick. 1,577,187–8; Mar. 16.
Cattle guard. H. R. Selby. 1,577,414; Mar. 16.
Cellulose, Conservation of the pellicles of hydrate or of hydrated ethers of. J. Defaucamberge. 1,576,631; Mar. 16.
Cement composition. Refractory. W. F. Rochow. 1,576,550; Mar. 16.
Cement mixer. T. W. Shaw. 1,576,678; Mar. 16.
Cement, Resinous. L. E. Frost. 1,576,737; Mar. 16.
Centering and aligning apparatus. J. B. Galbraith. 1,576,819; Mar. 16.
Centrifugal drier. A. McKay. 1,576,528; Mar. 16.
Ceramic material. R. T. Stull. 1,576,558; Mar. 16.
Chain. H. Payton. 1,576,990; Mar. 16.
Chair: *See*—
Rocking chair.
Chair. R. C. Erskine. Des. 69,692; Mar. 16.
Chair. J. H. Kellogg. 1,576,613; Mar. 16.
Chandeliers or similar articles, Arm for. H. Perry. Des. 69,711; Mar. 16.
Chassis-frame construction. R. D. Day. 1,577,060; Mar. 16.
Check gate. A. J. Bold and K. T. Thorsby. 1,576,712; Mar. 16.
Check protector. J. R. Hayes. 1,576,823; Mar. 16.
Chemical feeder. J. L. Hughes. 1,576,911; Mar. 16.
Chock. A. A. Coyle and W. S. Mitchell. 1,577,251; Mar. 16.
Christmas tree, Artificial. W. Dieperink-Langereis. 1,577,207; Mar. 16.
Cinematographic prints, Compensating differences of densities in. E. Lehmann. 1,577,325; Mar. 16.
Clamping appliance for use in the manufacture of shoes. D. R. Cooper. 1,576,951; Mar. 16.
Clay articles, Method and apparatus for making extruded. F. Marsden. 1,577,336; Mar. 16.
Cleaner: *See*—
Suction cleaner.
Cleaning rod. H. D. Mugaas. 1,577,423; Mar. 16.
Cleansing the skin, Product for. G. McGraw. 1,576,774; Mar. 16.
Clip: *See*—
Pen clip.
Closure construction. L. E. Burhans. 1,576,946; Mar. 16.
Closure member for containers. H. Ellis. 1,576,580; Mar. 16.
Cloth and mechanism therefor, Making. F. B. Stearns. 1,576,866; Mar. 16.
Clothes hanger. L. I. Nash. 1,577,290; Mar. 16.
Clutch construction. F. Johnson. 1,576,513; Mar. 16.
Clutch mechanism. E. T. Turney. 1,577,004; Mar. 16.
Coal, Process of and apparatus for handling and mixing. C. P. Ross. 1,577,365; Mar. 16.
Coating, Apparatus for applying. H. W. Day. 1,576,725; Mar. 16.
Cocoon-unwinding device. V. Fioruzzi. 1,577,118; Mar. 16.
Coffeepot. R. W. Hagel. 1,577,431; Mar. 16.
Collar button and tie holder. J. A. Taylor. 1,576,685; Mar. 16.
Collecting, conserving, and storing natural cold. J. G. Swan. 1,576,867; Mar. 16.
Coloring matter from smokeless powder, Removing. E. C. Pitman and G. F. Hunter. 1,577,075; Mar. 16.
Comminuting solids and forming colloidal solutions, Method and apparatus for. O. Auspitzer. 1,577,052; Mar. 16.
Composition and making the same. A. G. Schuricht and G. T. Wright. 1,577,426; Mar. 16.
Concentrator. H. S. Mellott. 1,576,838; Mar. 16.
Concrete-builder's aggregate support. H. Pomfret. 1,576,846; Mar. 16.
Concrete construction, Form for. H. Wells. 1,577,429; Mar. 16.
Concrete floors, Form for. T. Jahnsen. 1,577,316; Mar. 16.
Concrete, Mixing. M. Fletcher. 1,577,218; Mar. 16.
Concrete structure. D. C. Davies and A. H. Thomas. 1,576,813; Mar. 16.
Condenser. R. C. Rose. 1,577,195; Mar. 16.
Condenser structure, Expansible turbine-. W. B. Flandera. 1,576,736; Mar. 16.
Confectionery machinery. E. L. A. Savy. 1,576,936; Mar. 16.
Connecter head. J. Robinson. 1,576,758; Mar. 16.
Construction material. R. P. Perry. 1,577,074; Mar. 16.
Container. A. Alvarez. 1,577,351; Mar. 16.
Container. H. Sebell. 1,577,305; Mar. 16.
Control device, Automatic. M. H. Hill. 1,577,121; Mar. 16.
Control mechanism. F. Balzer. 1,576,622; Mar. 16.
Control system. R. W. McNelil. 1,576,775; Mar. 16.
Converter system, Rotary. E. B. Shand. 1,576,856; Mar. 16.
Conveyer. H. L. Campbell. 1,577,172; Mar. 16.
Conveyer, Live-roller. G. W. Beulke. 1,576,710; Mar. 16.
Conveying apparatus. L. A. Casgrain. 1,576,716; Mar. 16.
Copper-nickel matte etc., Refining. N. V. Hybinette. 1,577,422; Mar. 16.
Copyholder. B. F. Blakeman. 1,577,165; Mar. 16.
Cork, Composition. A. Fischer. 1,577,064; Mar. 16.
Corset. A. S. Johnson. 1,577,126; Mar. 16.
Cot, Camping. M. A. Davis. 1,577,204–5; Mar. 16.
Cotter key. J. C. Johnson. 1,577,259; Mar. 16.
Cotter-pin puller. H. E. Pieh. 1,576,782; Mar. 16.
Coupler. J. Wesolik. 1,577,278–9; Mar. 16.
Coupler, Vehicle. E. B. Anderson. 1,576,803; Mar. 16.
Coupling. S. J. Lovern, and H. J. Wellman. 1,577,332; Mar. 16.
Crane. Electrically-operated bridge. F. Ackerman 1,576,702; Mar. 16.
Crate, Shipping. R. L. Williams. 1,577,399; Mar. 16.
Crib, Combination. M. C. Hill. 1,577,255; Mar. 16.
Cross-footing register. H. A. Foothorap. 1,576,961; Mar. 16.
Crown-block construction. L. E. Zerbe and E. Timbs. 1,577,404; Mar. 16.
Crusher. F. J. Straub. 1,577,382; Mar. 16.
Cuff, Reversible. E. B. Fisher. 1,576,959; Mar. 16.
Cultivator. R. H. Griffith. 1,576,650; Mar. 16.
Cultivator. W. S. Price. 1,576,847; Mar. 16.
Cuprous materials, Conversion of. M. H. Merriss. 1,576,776; Mar. 16.
Curing cabinet, Dry-heat. E. Nestler. 1,577,291; Mar. 16.
Curler for bobbed hair. F. O'Neal. 1,576,991; Mar. 16.
Current, Method of and apparatus for deriving a constant. S. Cohen. 1,577,248; Mar. 16.
Curtain, Automobile side. L. E. Bisch. 1,577,164; Mar. 16.
Curtain frame. C. H. De Frehn. 1,576,902; Mar. 16.
Curtain rod. W. C. Kenney. 1,576,764; Mar. 16.
Curtain-supporting device. E. A. Burns. 1,577,068; Mar. 16.
Cutter: *See*—
Runner cutter.
Cutter. M. Ruble. 1,576,676; Mar. 16.
Cutter. J. Voleske. 1,576,882; Mar. 16.
Cutting apparatus. E. T. Ferngren. 1,576,734; Mar. 16.
Cutting-machine attachment, Automatic thread. G. S. Dempster. 1,577,206; Mar. 16.

Cylinder hone or lapping tool. T. Restel. 1,576,788; Mar. 16.
Cylinder protector. A. B. Mueller. 1,576,926; Mar. 16.
Dandelion digger. C. M. Hackenberger. 1,576,969; Mar. 16.
Deborning implement. I. N. Mitchell. 1,577,140; Mar. 16.
Deinking paper stock. J. E. Plumstead. 1,576,994; Mar. 16.
Dental flask. W. A. Stephen. 1,576,556; Mar. 16.
Derrick brace. C. Drake. 1,576,644; Mar. 16.
Detector: *See*—
Radiodetector.
Dial and knob, Combined. L. Steinberger. Des. 69,726; Mar. 16.
Dialyzing and evaporating membranes and making the same. J. M. Looney. 1,576,523; Mar. 16.
Die: *See*—
Fuel-forming die. Molding die.
Die mechanism. P. G. Jacobson. 1,576,828; Mar. 16.
Die-rolled article and making the same. W. P. Witherow. 1,577,430; Mar. 16.
Digger: *See*—
Dandelion digger.
Direction indicator. A. de Velasco. 1,577,113; Mar. 16.
Direction signal. O. E. Sharp. 1,577,372; Mar. 16.
Disconnecting switch. A. H. Bakken. 1,576,708; Mar. 16.
Disk wheel, Reenforced. F. L. Main. 1,576,921; Mar. 16.
Dispensing device. W. W. Kinsley. 1,576,750; Mar. 16.
Dispensing machine. M. M. Enos. 1,576,640; Mar. 16.
Display device. A. G. Snider. 1,577,001; Mar. 16.
Distributor head and ignition coils, Combine. W. M. Olson. 1,576,928; Mar. 16.
Doll. J. L. Kallus. Des. 69,707; Mar. 16.
Door casing. W. N. Davis. 1,576,506; Mar. 16.
Door check. R. Archer, sr. 1,576,496; Mar. 16.
Door check and latch mechanism. B. F. Perry. 1,577,073; Mar. 16.
Door closer. R. S. Potter. 1,577,359–60; Mar. 16.
Door-control mechanism. C. H. Atkinson. 1,576,704; Mar. 16.
Door holder. T. Knutson. 1,577,129; Mar. 16.
Doors, Safety shoe-tripping mechanism for. R. Conklin. 1,576,950; Mar. 16.
Drain, Floor. F. Lafin. 1,577,039; Mar. 16.
Drainer and puller, Combination tubing. G. W. Goss. 1,576,597; Mar. 16.
Dress. T. Davis. Des. 69,687; Mar. 16.
Drier: *See*—
Centrifugal drier. Sand drier.
Drill bit. J. E. Walker. 1,576,693; Mar. 16.
Drill bit, Rotary. J. S. Brown. 1,577,244; Mar. 16.
Drilling tool. W. Sasse. 1,576,794; Mar. 16.
Drive shaft, Jointed. M. W. McArdle and H. C. Wright. 1,576,773; Mar. 16.
Driving box, Laterally-adjustable. I. O. Gardner. 1,576,595; Mar. 16.
Drying apparatus. E. C. Reader. 1,576,547; Mar. 16.
Duplicator. F. F. Fecher. 1,576,957; Mar. 16.
Dust catcher. F. R. McGee. 1,576,670; Mar. 16.
Dyeing apparatus. H. M. Dudley. 1,577,311; Mar. 16.
Dynamo-electric machine. J. Schurch. 1,577,303; Mar. 16.
Easel, Advertising display. A. F. Miller. 1,576,672; Mar. 16.
Electric battery. W. J. Quirk. 1,576,786; Mar. 16.
Electric-current-supplying device. L. Paulero. 1,576,615; Mar. 16.
Electric distribution networks, Device for automatically cutting out defective sections in. R. Dèuser. 1,577,420; Mar. 16.
Electric-fixture mounting bracket. C. Picker. 1,576,543; Mar. 16.
Electric light. R. C. Abelt, jr. 1,577,151; Mar. 16.
Electric machine, Dynamo-. B. McCormack. 1,577,337; Mar. 16.
Electric railways and producing the same, Rail bond for. R. Porter and H. Altorfer. 1,576,590; Mar. 16.
Electric rotating resistance furnace. F. Andersen. 1,576,621; Mar. 16.
Electric switch. J. S. Thompson. 1,576,799; Mar. 16.
Electric time switch. E. Schanks. 1,577,300; Mar. 16.
Electrical apparatus for treating diseases. W. Running. 1,576,934; Mar. 16.
Electrical conductors. Connecter for. W. C. Hunt. 1,577,123; Mar. 16.
Electrical controller. E. W. Seeger. 1,576,553; Mar. 16.
Electrical heater. W. Whitten. 1,577,276; Mar. 16.
Electrical socket. J. S. Elliott. 1,576,638; Mar. 16.
Electrostatic condenser. F. O. Johnson. 1,576,829; Mar. 16.
Elevator: *See*—
Toy windmill elevator.
Elevators, conveyers, and like apparatus, Safety device for. A. Teichmann. 1,576,560; Mar. 16.
Embroidery. J. D. Voss and S. Ury. 1,576,562; Mar. 16.
End gate. E. T. Jackson and A. E. Jackson. 1,576,976; Mar. 16.
End piece, Zyl-covered separable. E. L. Schumacher. 1,577,197; Mar. 16.
Engine: *See*—
Internal-combustion engine.
Engine. W. V. Jordan and T. M. Swank. 1,576,830; Mar. 16.
Engine. A. H. Whatley. 1,577,010; Mar. 16.
Engine plugs, Built-up jacket for Jordan. A. L. Bolton. 1,576,504; Mar. 16.
Engine-starting device. O. L. Riegels. 1,576,549; Mar. 16.
Engines, Accelerator for gas. W. W. Schnelle. 1,577,196; Mar. 16.
Engines and other purposes, Fuel-delivery pump for internal-combustion. C. Hughes. 1,576,826; Mar. 16.
Engines, Bed casting for gas. E. A. Watts. 1,577,006; Mar. 16.
Engines, Cooling arrangement for the valves of internal-combustion. G. Fornaca. 1,576,817; Mar. 16.
Engines, Hydrocarbon-supply apparatus for internal-combustion. V. C. Kloepper. 1,576,766; Mar. 16.
Engines, Lubricant-pressure-controlling means for internal-combustion. F. E. Blanchard. 1,576,502; Mar. 16.
Engines, Manifold construction for internal-combustion. A. P. Brush. 1,576,569; Mar. 16.
Engines, Radiator for internal-combustion. W. W. Muir. 1,576,756; Mar. 16.
Exercising device. P. L. Haims. 1,576,602; Mar. 16.
Exercising remote control over repeaters, Arrangement for. J. F. Toomey. 1,576,561; Mar. 16.
Fabric: *See*—
Tire fabric.
Fabric. W. J. Fox. 1,576,592; Mar. 16.
Fan, Electric. S. A. Xippas. Re16,294; Mar. 16.
Fan, Oscillating. H. R. Stuart. 1,576,684; Mar. 16.
Fan, Ventilating. S. A. Xippas. 1,577,280; Mar. 16.
Fastener. W. C. S. Mays. 1,577,138; Mar. 16.
Fastener bar. H. A. Lee. 1,576,917; Mar. 16.
Fastening device. A. G. Feldman. 1,576,816; Mar. 16.
Faucet, Liquid-dispensing. B. Lutsky and S. Kreisberg. 1,577,042; Mar. 16.
Feed mechanism, Intermittent. A. S. Howell. 1,577,030; Mar. 16.
Feeder, Poultry. F. H. Gerbig and W. C. Henningsen. 1,577,222; Mar. 16.
Fibroua material, Apparatus for dyeing or otherwise treating. H. M. Dudley. 1,577,315; Mar. 16.
Filaments and films from viscose, Manufacture of. W. Mendel. 1,576,529–31; Mar. 16.
Finger ring. I. Garlin. Des. 69,698–9; Mar. 16.
Finger ring. S. Grossman. Des. 69,703; Mar. 16.
Finger ring. M. E. Soman. Des. 69,723–5; Mar. 16.
Finger ring set with gems. M. L. Robbins. Des. 69,718; Mar. 16.
Fire-extinguishing system. V. Glisce. 1,577,119; Mar. 16.
Fire lighter. C. Blamfield. 1,577,166; Mar. 16.
Fire-resisting safe. D. E. Hunter. 1,576,609; Mar. 16.
Fishing reels, Line-laying device for. E. A. Klein. 1,577,035; Mar. 16.
Fixture. J. A. Volk, jr. 1,577,413; Mar. 16.
Flash light. P. C. Zieschang. 1,576,700; Mar. 16.
Flash light, Electric. J. Mazzeo. 1,576,983; Mar. 16.
Flask: *See*—
Dental flask.
Float and manufacturing the same, Reenforced high-pressure. G. W. Osborn. 1,577,145; Mar. 16.
Fluid brake. N. Thuesen. 1,577,049; Mar. 16.
Fluid materials to powdered form, Device for reducing. J. C. MacLachlan. 1,577,135; Mar. 16.
Fluoroscopic fracture apparatus. H. B. Phillips. 1,576,781; Mar. 16.
Fly-catching device. L. A. Pical. 1,577,148; Mar. 16.
Flying machine. H. Junkers. 1,576,977; Mar. 16.
Folding table. W. R. Douglas. 1,576,635; Mar. 16.
Forms of messages, Return. H. E. Ink. 1,577,237; Mar. 16.
Frame: *See*—
Curtain frame. Hack-saw frame.
Freight-transferring system. B. F. Fitch. 1,577,184–5; Mar. 16.
Fuel burners, Air register for. E. H. Peabody. 1,576,537; Mar. 16.
Fuel cut-out, Automatic. C. A. Wulf. 1,576,880; Mar. 16.
Fuel-forming die. H. L. Glaze. 1,577,015; Mar. 16.
Fur marker. L. Roaner. 1,576,791; Mar. 16.
Furnace: *See*—
Air furnace. Electric rotating resistance furnace.
Bolt-heating furnace. Hot-water furnace.
Furnace. V. MacKay. 1,577,407; Mar. 16.
Furnace control. E. McLean. 1,576,753–4; Mar. 16.
Furnaces, Auxiliary radiating attachment for hot-air. E. R. Taylor. 1,577,385; Mar. 16.
Game. L. W. Corp. 1,577,250; Mar. 16.
Game. R. L. Kinney. 1,576,515; Mar. 16.
Game apparatus. R. L. Ross. 1,576,792; Mar. 16.
Game, Cross-word-puzzle. M. Reubin. 1,576,619; Mar. 16.
Game of skill. C. K. Glinger. 1,576,966; Mar. 16.
Game trap. W. R. Smith. 1,577,000; Mar. 16.
Garment, Body. L. F. Tighe. 1,577,085; Mar. 16.
Garment of the corset or girdle type, Body. R. S. Thompson. 1,577,269; Mar. 16.
Garment protector. L. H. Rand. 1,577,409; Mar. 16.
Garment-supporting device. J. C. Mabry. 1,576,771; Mar. 16.
Gas and heat recovery from digester blow-off exhaust vapors, Apparatus and process for. L. B. Decker. 1,576,643; Mar. 16.

Gas blowpipe, Illuminating-. F. Geiss. 1,576,729; Mar. 16
Gas, Producing. G. L. Reichhelm. 1,576,787; Mar. 16.
Gas-shut-off mechanism, Automatic. L. Hill. 1,576,973; Mar. 16.
Gate: *See*—
Automatic gate. Check gate.
Gauge: *See*—
Internal gauge. Liquid gauge.
Gauge and scale, Carpenter's. H. A. Butler. 1,577,104; Mar. 16.
Gauges, Mirror of reflector water level. B. Boizard. 1,576,897; Mar. 16.
Gear, Draft. W. H. Cotton. 1,576,722; Mar. 16.
Gear, Draft. S. J. Strid. 1,576,683; Mar. 16.
Gear, Head. R. T. Mullins. 1,576,987; Mar. 16.
Gear-shifting mechanism. G. T. Randol. 1,577,361; Mar. 16.
Gearing, Multiple power. C. L. Culver. 1,577,182; Mar. 16.
Gears, Burnishing. B. H. Blood. 1,576,806; Mar. 16.
Gels for catalytic and adsorbent purposes. W. A. Patrick. 1,577,189; Mar. 16.
Gels for catalytic and adsorbent purposes, Preparing. W. A. Patrick. 1,577,190; Mar. 16.
Gels for catalytic and adsorbent purposes, Producing. W. A. Patrick. 1,577,186; Mar. 16.
Glass container, Two-thread. C. Hammer. 1,577,020; Mar. 16.
Glass cylinders, Drawing. W. Westbury. 1,577,007; Mar. 16.
Glass-drawing apparatus. W. Westbury. 1,577,008; Mar. 16.
Glass-forming apparatus and forming glass. O. A. Hanford. 1,576,743; Mar. 16.
Glass lighting unit. R. F. Schleicher. Des. 69,720; Mar. 16.
Glass sheet, Process and apparatus for annealing a continuously-formed. W. G. Koupal. 1,576,516; Mar. 16.
Glassware, Apparatus for blowing. O. A. Hanford. 1,576,744; Mar. 16.
Glassware, Making. E. Ferngren. 1,576,733; Mar. 16.
Glove. W. H. Heaton. 1,576,971; Mar. 16.
Golf-club shafts and making the same, Metallic reenforcing core for. H. G. Barrett. 1,577,159; Mar. 16.
Governor, Centrifugal. J. Romeyn. 1,576,933; Mar. 16.
Grader, Road. W. G. Bunnell. 1,576,808; Mar. 16.
Graphite, Making. V. M. Weaver. 1,576,883; Mar. 16.
Grating. J. D. Spaulding. 1,577,267; Mar. 16.
Grinder. A. F. Froussard. 1,576,593; Mar. 16.
Grinding machine. F. E. Gardner. 1,576,820; Mar. 16.
Grinding machine, Roll-. J. F. Flaherty. 1,576,589; Mar. 16.
Grinding rollers, Machine for. H. Lutz. 1,576,769; Mar. 16.
Guard bracket, Mud-. E. F. Pawsat. 1,577,146; Mar. 16.
Gum or candy container. T. W. Shelley. 1,577,374; Mar. 16.
Gun. C. H. Froelich and E. J. Miller. 1,576,963; Mar. 16.
Guns, Obturator-operating mechanism for. C. M. Froelich. 1,576,962; Mar. 16.
Guns, Slide for. B. P. Joyce. 1,576,659; Mar. 16.
Gutter-hanger circle. M. R. Berger. 1,577,163; Mar. 16.
Hack-saw frame. C. Sprague. 1,577,381; Mar. 16.
Hall tree and drapery rack, Combined. O. C. Culp. 1,576,629; Mar. 16.
Hand duplicator. W. P. Mason. 1,576,666; Mar. 16.
Hanger: *See*—
Clothes hanger.
Harness hames, Draft connection for team. A. Rahn and J. Weber. 1,577,191; Mar. 16.
Harvester, Cotton. W. J. Francis. 1,576,904; Mar. 16.
Harvester for onion sets and the like. J. G. Eenigenburg. 1,577,252; Mar. 16.
Hat. W. Katz. 1,577,238; Mar. 16.
Hats, Shape-preserving device for. M. W. Dowiarz. 1,577,183; Mar. 16.
Headlight. B. T. Merrill. 1,577,338; Mar. 16.
Headlight director. J. V. Cunniff. 1,576,812; Mar. 16.
Headlight, Movable. J. Smith. 1,577,379; Mar. 16.
Headlight reflector. M. W. Caughlan. 1,577,352; Mar. 16.
Headrest apparatus. F. Koenigkramer. 1,576,915; Mar. 16.
Heat deflector. J. B. Clanton. 1,576,899; Mar. 16.
Heater: *See*—
Electrical heater.
Heating devices, Thermostatic control for. L. S. Chadwick. 1,576,718; Mar. 16.
Heating element, Thermocouple. P. MacGahan. 1,576,772; Mar. 16.
Heating plant, Automatic-control. R. H. Thomas. 1,576,687; Mar. 16.
Helicopter. C. Magerkurth. 1,577,334; Mar. 16.
Heel-attaching means, Shoe-. G. Y. Emerson. 1,577,210; Mar. 16.
Heel-breast-flap layer, Wood-. A. Sebastiani. 1,576,998; Mar. 16.
Heels, Lift for shoe. A. Pentifallo. 1,576,539; Mar. 16.
Highway marker. M. H. Smith. 1,577,427; Mar. 16.
Hinge and support for closures. G. W. Smidley. 1,577,378; Mar. 16.
Hinge, Locker. J. Knell. 1,576,614; Mar. 16.
Hitch, Scraper. J. Adams and W. H. Adams. 1,577,152; Mar. 16.
Hoist. R. H. Beaumont. 1,577,161; Mar. 16.
Hoist, Chain. P. Mullen. 1,576,986; Mar. 16.
Hoist, Portable. F. O. Larson. 1,577,040; Mar. 16.
Hoisting mechanism. J. T. Horton. 1,577,029; Mar. 16.
Holder. C. E. Otterman. 1,577,350; Mar. 16.
Holder, Spring-roller. R. M. Meyer. 1,576,840; Mar. 16.
Hook: *See*—
Swivel hook.
Hot-water furnace. T. Farmer. 1,576,646; Mar. 16.
Hoyer. E. Trova. 1,577,387; Mar. 16.
Hydrator, Pulp. A. Mulrhead and K. Mansfield. 1,577,344; Mar. 16.
Hydrocarbons, Apparatus for distilling. F. E. Wellman. 1,576,564; Mar. 16.
Impact recorder. J. B. Baskerville. 1,577,160; Mar. 16.
Incense burner. K. Ino. Des. 69,706; Mar. 16.
Indicator: *See*—
Direction indicator. Liquid-level indicator.
Induction coil, Burglarproof. H. J. Murray. 1,576,779; Mar. 16.
Infusor. R. A. Fessenden. 1,576,735; Mar. 16.
Ink pad. G. J. Sengbusch. 1,577,081; Mar. 16.
Ink-head and support, Portable combined. W. M. Bowers. 1,577,168; Mar. 16.
Inking mechanism, Multicolor-. H. Seiders. 1,576,852; Mar. 16.
Insulator and fastener for aerials. E. A. Hirschy. 1,577,230; Mar. 16.
Insulators, Fastening device for. L. C. Reed. 1,577,193; Mar. 16.
Interference, System for eliminating. J. O. Mauborgne and G. Hill. 1,576,667; Mar. 16.
Internal-combustion engine. Z. S. Hoffman. 1,576,761; Mar. 16.
Internal-combustion engine. J. A. Marr. 1,576,837; Mar. 16.
Internal-combustion engine, Rotary. H. D. Morrison and F. B. Webb. 1,577,141; Mar. 16.
Internal gauge, Adjustable. J. Bath. 1,577,099; Mar. 16.
Iron breaker, Pig-. A. A. Ambler. 1,577,154; Mar. 16.
Irons, Generator for steam pressing. C. A. Brewer. 1,576,568; Mar. 16.
Ironing-board attachment. C. A. Parkinson. 1,576,929; Mar. 16.
Ironing machine. T. J. Arbron. 1,576,804; Mar. 16.
Ironing machine. W. E. Baker. 1,576,498; Mar. 16.
Irrigation system. G. Roessner. 1,576,790; Mar. 16.
Jack: *See*—
Lifting jack. Spacing jack.
Portable jack.
Jack, Combination pushing and pulling. G. Z. Bertschy. 1,577,055; Mar. 16.
Jar or like container, Cover for a cold-cream. F. W. Nitardy and R. Boyd. Des. 69,710; Mar. 16.
Jewel stone. T. A. Both. Des. 69,684; Mar. 16.
Jewelry, Manufacturing articles of. I. E. Kalisher. 1,577,319; Mar. 16.
Joint: *See*—
Pipe joint. Universal joint.
Rail joint. Wire joint.
Key carrier. L. L. Salfisberg. 1,577,367; Mar. 16.
Keyless lock. M. Wildrick and A. G. Hatch. 1,577,398; Mar. 16.
Knife, Pencil. J. Schick. Des. 69,719; Mar. 16.
Knitting machines, Pattern-control means for warp. G. W. Lindley. 1,577,330; Mar. 16.
Laces, Removable tag for. R. L. Chasselon. 1,576,627; Mar. 16.
Ladder-bracing attachment. F. R. Weber. 1,576,695; Mar. 16.
Ladder, Step. A. Blodgett. 1,576,625; Mar. 16.
Lamp, Motor-vehicle. W. L. Goodstein. Des. 69,701; Mar. 16.
Lamp, Projecting. G. H. Cushing. 1,577,112; Mar. 16.
Lamp, Portable. F. H. Bussmann. Des. 69,685; Mar. 16.
Lamp shade. L. H. Burlin. 1,576,626; Mar. 16.
Lantern, Wall. G. J. Klein. Des. 69,708; Mar. 16.
Last making. S. E. Boynton. 1,576,715; Mar. 16.
Latch. I. S. Keeler. 1,576,612; Mar. 16.
Latch, Vehicle door. B. E. Taylor. 1,576,877; Mar. 16
Lathes, Milling-machine attachment for. M. J. Chaplin. 1,576,719; Mar. 16.
Leather-finishing machinery, Oiling device for. A. P. Grover. 1,576,907; Mar. 16.
Lens-grinding machine. A. E. Maynard. 1,577,137; Mar. 16.
Lever, Transmission-shifting. W. Carter. 1,577,011; Mar. 16
Lifting jack. E. W. Conrad. 1,576,721; Mar. 16.
Light: *See*—
Electric light.
Lighting fixture. W. S. Snow. Des. 69,722; Mar. 16.
Lighting-fixture bracket. B. G. Funk. Des. 69,697; Mar. 16.
Lighting fixture, Deck-lamp. E. J. Schroeder. 1,576,795; Mar. 16.
Lighting fixtures, Backplate for. H. Perry. Des. 69,712; Mar. 16.
Lighting fixtures, Bracket back for. R. C. Pfleager. Des. 69,713; Mar. 16.
Lighting fixtures, Candle cup for. R. C. Pfleager. Des. 69,714; Mar. 16.

Lighting fixtures, Loop for. R. C. Pfleager. Des. 69,715–16; Mar. 16.
Linoleum crate. M. M. Larsen. 1,576,834; Mar. 16.
Lip stick. L. Buhl-Bonanno. 1,576,567; Mar. 16.
Liquid-dispensing apparatus. C. R. McDonald and A. E. Bevan. 1,576,752; Mar. 16.
Liquid gauge. M. F. Elliott. 1,577,209; Mar. 16.
Liquid level indicator. M. B. Jackson. 1,576,512; Mar. 16.
Liquid pitcher. H. N. James. 1,576,912; Mar. 16.
Liquids, Device for treating. E. A. Averill. 1,577,157; Mar. 16.
Loader conveyer. W. W. Hudson. 1,576,910; Mar. 16.
Loading shocks, Apparatus for. S. C. English. 1,576,639; Mar. 16.
Lock: *See*—
Keyless lock. Safe lock.
Permutation lock.
Lock. B. H. Levin. 1,576,522; Mar. 16.
Lock unit. H. H. Claussen. 1,576,574; Mar. 16.
Locks, Stop means for. F. E. Best. 1,576,943; Mar. 16.
Locomotive, Eight-impulse four-cylinder. M. R. Feeley. 1,577,212; Mar. 16.
Locomotive-flange oiler. L. R. Kiehl. 1,577,262; Mar. 16.
Locomotives, Exhaust-pipe nozzle for. E. Blume. 1,577,167; Mar. 16.
Locomotives, Feed-water strainer for. B. T. Williston. 1,577,088; Mar. 16.
Locomotives, High-pressure steam boiler for. J. Buchli. 1,576,807; Mar. 16.
Locomotives, Safety device for. H. R. Williamson. 1,577,401; Mar. 16.
Locomotives, Smoke and gas consuming fire box for. J. A. Connell. 1,577,175; Mar. 16.
Locomotives, Steaming. S. Otis. 1,576,780; Mar. 16.
Looms, Chain-controlling mechanism for tufted-pile-fabric. F. W. Austin. 1,576,892; Mar. 16.
Looms, Multiplier for. L. E. Bagwell, and D. C. Jones. 1,576,706; Mar. 16.
Looms, Reversing shipping mechanism for. E. J. Dacey, and A. A. Gordon. 1,576,724; Mar. 16.
Loose-leaf sketch and print case, Engineer's and draftsman's. C. Bjork. 1,577,056; Mar. 16.
Lubricant-dispensing apparatus. C. Nass. 1,576,982; Mar. 16.
Lubricating device. J. B. Hayden, J. Morris, and H. C. George. 1,576,822; Mar. 16.
Lubricating structure, Leaf-spring-. W. H. Fisher. 1,577,216; Mar. 16.
Luggage carrier. P. M. Travis. 1,577,386; Mar. 16.
Macaroni-cutting machine. G. Carbonaro. 1,576,949; Mar. 16.
Magnetic coupling between coils, Eliminating. L. A. Hazeltine. 1,577,421; Mar. 16.
Magnetic separation Process and apparatus for wet. G. Ullrich. 1,576,690; Mar. 16.
Mail receiver. T. N. Badger. 1,576,894; Mar. 16.
Mailing device. H. B. Mackey. 1,577,043; Mar 16.
Material-handling apparatus. J. Markman. 1,577,136; Mar. 16.
Mattress. S. Fuld. 1,576,738; Mar. 16.
Mattress, Nonatretchable. J. Avril. 1,576,893; Mar. 16.
Measuring instrument, Precision. G. Schustarich. 1,576,797; Mar. 16.
Meat tenderer. F. Kneifel. 1,577,036; Mar. 16.
Metabolism apparatus or the like, Motor blower for. W. E. Collins. 1,577,110; Mar. 16.
Metal and nonmetallic members, Making connections between. F. A. Stevens. 1,576,874; Mar. 16.
Metal cap. C. Hammer. 1,577,022–3; Mar. 16.
Metal cutting, welding, or the like. R. H. Brownlee and R. H. Uhlinger. 1,577,171; Mar. 16.
Metals from their ores, Recovering rare. K. B. Thews. 1,577,411; Mar. 16.
Metallic surfaces, Method and apparatus for protection of. G. H. Elmore, and H. J. Creighton. 1,576,581; Mar. 16.
Metallic values from ores, concentrates, and the like, Extracting. H. Fleck, and W. G. Hnidane. 1,577,217; Mar. 16.
Meter: *See*—
Strain meter.
Milk cooler. N. A. Reisch. 1,576,931; Mar. 16.
Milk dispensing and measuring device. E. N. Austin. 1,576,497; Mar. 16.
Mill. F. Silva. 1,577,376; Mar. 16.
Mirror, Rear-vision. L. Sadler. 1,576,793; Mar. 16.
Mixer: *See*—
Cement mixer.
Moistener for postage stamps, envelopes, and the like. K. Mikeleitis. 1,576,533; Mar. 16.
Moisture by suction, Apparatus for withdrawing. H. C. Smith. 1,576,679; Mar. 16.
Mold for water-closet-bowl rims. A. V. Lawton. 1,577,132; Mar. 16.
Mold-insert-feeding mechanism. D. M. Vesey. 1,576,691; Mar. 16.
Molding. C. O. McBride. 1,576,527; Mar. 16.
Molding apparatus. J. H. Beery. 1,577,100; Mar. 16.
Molding die. J. W. Bishop. 1,576,642; Mar. 16.
Monorail, I-beam. E. T. Bennington. 1,577,162; Mar. 16.
Monorail, I-beam. W. G. Wehr. 1,577,394; Mar. 16.
Mop cloth. W. J. Moore. 1,576,777; Mar. 16.
Mop, wringer. F. Craib. 1,577,180; Mar. 16.
Motor-driven devices, Electrical controller for. F. H. Oberschmidt. 1,577,068; Mar. 16.
Motor for animating advertising signs. E. E. Gregory. 1,576,649; Mar. 16.
Motor vehicles, Running board for. I. L. Friedlaender. 1,577,220; Mar. 16.
Movement device, Mechanical-. M. Higuchi. 1,576,972; Mar. 16.
Mowing machine. J. G. Thynne. 1,576,878; Mar. 16.
Mowing-machine attachment. S. Crayford. 1,576,952; Mar. 16.
Musical instrument. S. Clubb. 1,577,418; Mar. 16.
Musical toy. H. F. Fontanella. 1,576,903; Mar. 16.
Nail-forming machine. C. A. Poratb and G. N. Williams. 1,577,266; Mar. 16.
Necktie presser. L. Phillips. 1,576,542; Mar. 16.
Newspaper and periodical tie. J. D. Bishow. 1,576,711; Mar. 16.
Nicotine dust for killing insects. G. E. Sanders and R. H. Pesteil. 1,577,369; Mar. 16.
Nonheat conducting receptacle. G. J. Walz. 1,576,939; Mar. 16.
Nozzle and assembly, Exhaust. J. A. Secor. 1,577,371; Mar. 16.
Nozzle and deflecting ring, Combined. V. H. Clark. 1,576,811; Mar. 16.
Oarlock. O. Berg. 1,577,417; Mar. 16.
Odometer, Internally-driven. J. K. Olsen. 1,577,069; Mar. 16.
Oil burner. J. W. Anderson, W. J. Hemphill, and R. Richardson. 1,577,093; Mar. 16.
Oil burner. M. Carter. 1,577,405; Mar. 16.
Oil burner. C. L. De Walt. 1,577,114; Mar. 16.
Oil burner. L. P. Smith. 1,576,861; Mar. 16.
Oil burner. P. J. Snowden. 1,576,863; Mar. 16.
Oil burner. G. W. Start. 1,577,199; Mar. 16.
Oil-burning plants, Pumping, filtering, and heating system for. E. I. Staples. 1,577,428; Mar. 16.
Oil-filtering apparatus. L. M. Perry. 1,576,930; Mar. 16.
Oil-refining still and making the same by electric welding. L. R. Smith. 1,577,410; Mar. 16.
Oils, Apparatus for refining. W. T. Hancock and M. Boyle. 1,576,742; Mar. 16.
Ophthalmic mounting. A. A. Jeaneret. 1,576,872–3; Mar. 16.
Ophthalmic mounting. F. A. Stevens and J. W. Welsh. 1,576,868–70; Mar. 16.
Ophthalmic mounting. F. A. Stevens. 1,576,871; Mar. 16.
Ore concentration. C. P. Lewis. 1,577,328; Mar. 16.
Oven for the distillation of solid material. O. Lasche and C. Geissen. 1,576,916; Mar. 16.
Package carrier. W. H. Ransom. 1,576,546; Mar. 16.
Package, Unitary foldable. C. M. Connolly. 1,576,576; Mar. 16.
Padlock. R. L. Williamson. 1,576,699; Mar. 16.
Paddle wheels, Marine propulsion. W. S. Beekley. 1,576,641; Mar. 16.
Paint or stain mixing and coating apparatus for porch shades and the like. Z. E. Russell. 1,576,551; Mar. 16.
Paper, Container for folded tissue toilet. L. J. Arms. 1,577,094; Mar. 16.
Paper-folding machine. W. G. Trautman. 1,577,271; Mar. 16.
Paper, Wall. E. Ericson. Des. 69,691; Mar. 16.
Paper weight. H. Slatko. Des. 69,721; Mar. 16.
Paper, Wrapping. R. Wertheimer. Des. 69,727; Mar. 16.
Pastry-making apparatus. W. McLaren. 1,576,925; Mar. 16.
Pedestal, Drinking-fountain. P. Mueller and A. C. Schnermann. 1,577,142; Mar. 16.
Pen. K. M. Hearn. 1,576,909; Mar. 16.
Pen caps and barrels, Manufacturing fountain-. M. Finstone. 1,576,588; Mar. 16.
Pen clip, Fountain. I. Krutt. 1,576,979; Mar. 16.
Pens, Self-filler mechanism for fountain. I. Krutt. 1,576,980; Mar. 16.
Pencil and holder therefor, Wrist. L. E. Treadaway. 1,577,272; Mar. 16.
Pencil, Magazine. R. Nardi. 1,576,988; Mar. 16.
Pencil support. F. Giese. 1,576,965; Mar. 16.
Pens, Ink receptacle for filling fountain. O. F. Nilsson. 1,577,067; Mar. 16.
Permutation lock. H. A. Burkhart. 1,577,246; Mar. 16.
Permutation lock. J. Letourneau. 1,577,327; Mar. 16.
Phonograph cabinet. T. A. Edison. Des. 69,688–9; Mar. 16.
Phonographs, Attachment for. C. F. Smith. 1,576,554; Mar. 16.
Phonographs, Repeating device for. A. Solman and S. Schroepfer. 1,577,308; Mar. 16.
Phonograph record and producing same. V. H. Emerson. 1,576,582; Mar. 16.
Photographic cabinet. R. E. Olsen. 1,576,674; Mar. 16.
Photographic-printing apparatus. W. C. Huebner. 1,576,511; Mar. 16.
Photographic surveying and apparatus for use in connection therewith. J. W. Gordon. 1,577,224; Mar. 16.
Picture films, Making motion-. J. F. Seitz. 1,576,854; Mar. 16.
Picture molding, Metal. L. J. Wilde. 1,576,885; Mar. 16.

Piled fabric. G. M. Fauser. Des. 69,693; Mar. 16.
Piano. E. W. Powers. 1,576,545; Mar. 16.
Piano, Music roll for player. E. R. De Arana. 1,576,630; Mar. 16.
Pinion-gear holder. G. C. Rohde. 1,577,299; Mar. 16.
Pipe: *See*—
Gas blowpipe.
Pipe, bars, and the like, Tool for bending. A. McLain. 1,576,984; Mar. 16.
Pipe connection. R. J. Williams. 1,576,698; Mar. 16.
Pipe coupling head, Automatic train-. J. V. Robinson. 1,576,757; Mar. 16.
Pipe joint. H. L. Zander. 1,577,090; Mar. 16.
Pipe, Method and apparatus for coating. F. M. Strecker. 1,577,084; Mar. 16.
Pipe-threading machine. L. S. Hall. 1,576,652; Mar. 16.
Pipes by use of Latex, Protection of. C. C. Loomis and H. E. Stump. 1,576,767; Mar. 16.
Pistol and gun, Pneumatic. C. D. King. 1,576,749; Mar. 16.
Piston aligner. A. F. Froussard. 1,576,594; Mar. 16.
Plane. A. Lawrence. 1,576,661; Mar. 16.
Planter. L. Asche. 1,577,156; Mar. 16.
Platen press. A. Pasquali and F. W. Poland. 1,576,989; Mar. 16.
Plating composition bodies. F. Peano. 1,577,357; Mar. 16.
Plow. F. Reese. 1,576,848; Mar. 16.
Plow attachment. E. Mettler. 1,577,341; Mar. 16.
Plug. J. S. Korcak. 1,577,265; Mar. 16.
Plug, Attachment. S. McClatchie. 1,577,348; Mar. 16.
Plumb-bob-supporting mechanism. M. J. Learnihan. 1,577,133; Mar. 16.
Plumbing fitting and fixture. J. K. Pennington. 1,576,993; Mar. 16.
Pocket or storage bin. A. Warner. 1,576,940; Mar. 16.
Polishing and drying machine, Twine. P. Greve. 1,576,906; Mar. 16.
Polymerization of butyraldehyde. C. Bogin. 1,576,503; Mar. 16.
Portable jack. T. J. McCarthy. 1,576,836; Mar. 16.
Post: *See*—
Binding post.
Pot: *See*—
Coffeepot.
Potential-neutralizing system, Ground-. S. I. Cory. 1,576,579; Mar. 16.
Potheads and similar structures, Protective device for use in connection with. P. F. Williams. 1,577,433; Mar. 16.
Powder container, Loose-. W. J. Tucker. 1,577,275; Mar. 16.
Power-developing apparatus. I. S. Hanson. 1,576,653; Mar. 16.
Power-take-off device. L. A. Wilson. 1,576,887; Mar. 16.
Power-transmitting apparatus. A. E. Escott. 1,576,585; Mar. 16.
Power-transmitting device, Hydraulic-. C. R. Radcliffe. 1,576,996; Mar. 16.
Press: *See*—
Platen press.
Presses, Feed attachment for drill. G. Hofmann. 1,576,509; Mar. 16.
Pressing or lifting device. F. Ackerman. 1,576,494; Mar. 16.
Printing machine. J. Krell. 1,576,517; Mar. 16.
Printing machines, Cleaning the offset or impression surfaces of rotary offset. B. J. J. Goulding. 1,576,598; Mar. 16.
Printing machine, Multicolor wrapping-paper-. H. Selders. 1,576,853; Mar. 16.
Printing plates or cylinders, Producing intaglio. W. E. Crowe. 1,577,181; Mar. 16.
Printing press, Multicolor-. F. P. Campbell. 1,576,809; Mar. 16.
Printing roller and making same. A. B. Davis. 1,576,726; Mar. 16.
Printing surfaces, Washing lithographic. B. J. J. Goulding. 1,576,599; Mar. 16.
Precious metals from sands, Process and apparatus for recovering. D. H. Donegan. 1,576,954; Mar. 16.
Projection apparatus. F. Twyman. 1,577,388; Mar. 16.
Propeller. F. Erdmann. 1,576,584; Mar. 16.
Propeller, Variable-pitch. S. Heath. 1,576,824; Mar. 16.
Protractor and compass, Combination. H. Tibony. 1,576,800; Mar. 16.
Puller: *See*—
Cotter-pin puller. Weed puller.
Pulley. H. Allen. 1,576,891; Mar. 16.
Pulley. F. J. Karg and L. Herman. 1,577,032; Mar. 16.
Pulp beating or breaking machine. W. C. Staley. 1,577,002; Mar. 16.
Pump. M. Berkshire. 1,577,102; Mar. 16.
Pump. R. F. Metcalfe. 1,576,755; Mar. 16.
Pump, Reciprocating. C. O. Haskell. 1,576,606; Mar. 16.
Punch. G. H. Spengler. 1,576,681; Mar. 16.
Quick-break switch and operating mechanism. C. H. Bissell. 1,576,896; Mar. 16.
Quilt cover. R. Greenberg. 1,577,226; Mar. 16.
Radiant-heater structure, Electric-. A. Kempston and G. J. Henry. 1,577,434; Mar. 16.
Radiator attachment. A. L. Sohm. 1,576,864; Mar. 16.
Radiator core. N. S. Diamant. 1,577,115; Mar. 16.
Radiator cover. L. Eliasek. 1,576,507; Mar. 16.
Radio broadcast distributing system. E. E. Clement. 1,577,109; Mar. 16.
Radiocabinet. A. H. Haag. Des. 69,704; Mar. 16.
Radiodetector. J. B. Pitts. 1,576,783; Mar. 16.
Radio distributing system. E. E. Clement. 1,577,106; Mar. 16.
Radiodistribution, Trunking system of. E. E. Clement. 1,577,108; Mar. 16.
Radiophone system. E. E. Clement. 1,577,107; Mar. 16.
Rail and tie-holding means. G. W. Muller. 1,577,287; Mar. 16.
Rail anchor. W. H. Debusk. 1,577,061; Mar. 16.
Rail anchor. C. F. Yardley. 1,576,890; Mar. 16.
Rail, Compound. G. W. Muller. 1,577,288; Mar. 16.
Rail joint. J. Greiner. 1,577,228; Mar. 16.
Rail joint. R. Parisi. 1,576,844–5; Mar. 16.
Rail joint and chair. C. W. Lee. 1,577,324; Mar. 16.
Railway-crossing signal. J. W. Jackson. 1,577,125; Mar. 16.
Railway crossings, Automatic vehicle stop for. B. Capra. 1,577,173; Mar. 16.
Railway-rail construction. G. W. Muller. 1,577,285; Mar. 16.
Railway tie and rail-securing means. L. Stoye. 1,577,384; Mar. 16.
Railway-traffic-controlling apparatus. H. G. Blosser. 1,576,944–5; Mar. 16.
Railways, Track brake for. M. E. Barr. 1,576,623; Mar. 16.
Rat trap. S. Furuya. 1,576,647; Mar. 16.
Razor, Safety. J. Holtzman. 1,576,510; Mar. 16.
Recorder: *See*—
Impact recorder.
Recorder and indicator. H. M. Brown. 1,577,170; Mar. 16.
Reenforcing machine, Flower stem. E. L. Brown. 1,576,898; Mar. 16.
Refractory article and making same. A. J. Jackman. 1,577,124; Mar. 16.
Refrigerating apparatus. J. W. Dubraks. 1,576,955; Mar. 16.
Register: *See*—
Cross-footing register.
Regulator. J. B. Harris. 1,576,605; Mar. 16.
Relay. W. Kaisling. 1,577,031; Mar. 16.
Relay, Electrical. S. C. Hofmann. 1,577,231; Mar. 16.
Resinous lumber and producing by-products therefrom, Preserving. W. H. Mason. 1,577,044; Mar. 16.
Resonant shunt. J. Slepian and C. L. Fortescue. 1,576,860; Mar. 16.
Reverse mechanism. R. Gerber. 1,576,964; Mar. 16.
Rheostat. P. I. Chandeysson. 1,576,572; Mar. 16.
Rifle. C. D. Meyer. 1,577,045; Mar. 16.
Rim, Demountable. H. S. Rechowiak. 1,576,932; Mar. 16.
Ring. M. L. Robbins. Des. 69,717; Mar. 16.
Rocking-chair, Spring-supported. S. Korzeniewski. 1,577,320; Mar. 16.
Rod: *See*—
Cleaning rod. Curtain rod.
Rollers, Machine for grinding. H. Barthel. 1,577,097; Mar. 16.
Rolling mills, Repeater terminal for. G. W. Weimer. 1,577,412; Mar. 16.
Roofings and sidings, Fastening device for, Sheet-metal. A. J. Denlston, jr. 1,576,727; Mar. 16.
Rotary and draw works, High-speed. E. W. Goeser and W. C. McDuffie. 1,577,016; Mar. 16.
Rotary sprinkler. H. Z. Granger. 1,577,225; Mar. 16.
Rubber stamps and the like, Mountings for. H. P. Morton. 1,576,778; Mar. 16.
Rubber to leather and other like material, Securing. A. L. Murray. 1,577,349; Mar. 16.
Rugs and such like, Apparatus for making yarn. W. Felton, and C. Williber. 1,577,117; Mar. 16.
Runner cutter. F. W. Snow. 1,576,862; Mar. 16.
Saddle, Trunking. J. E. Clough. 1,576,505; Mar 16.
Sadirons, Attachment for. J. D. Kaltenback and J. Stoll. 1,577,127; Mar. 16.
Safe lock. J. J. Mariotti. 1,577,335; Mar. 16.
Safety band. G. W. Peterson. 1,576,541; Mar. 16.
Safety device. C. M. Stapp. 1,576,682; Mar. 16.
Salt and pepper shaker. A. J. Flauder. Des. 69,695; Mar. 16.
Sand dewatering and mixing device. J. Prince. 1,576,617; Mar. 16.
Sand drier. E. C. Kirk. 1,577,263; Mar. 16.
Sash-operating device. W. E. Putnam. 1,576,785; Mar. 16.
Sash-securing means, Window-. I. Bein. 1,577,053; Mar. 16.
Saw blades, Cutting teeth on. A. Hartig. 1,576,908; Mar. 16.
Saw lift. J. H. Keeter. 1,576,514; Mar. 16.
Saw, Meat. H. A. Meyer. 1,576,671; Mar. 16.
Scaffold bracket. J. Hubeny. 1,577,234; Mar. 16.
Scale. H. M. Cameron. 1,576,948; Mar. 16.
Scale. L. A. Osgood and E. E. Wolf. 1,577,071; Mar. 16.
Scale, Automatic. H. S. Welch, jr. 1,577,395; Mar. 16.
Scale, Automatic printing. S. G. Crane. 1,577,012; Mar. 16.
Scale, Weighing. L. C. Wetzel. 1,577,009; Mar. 16.
Scraper elevating and lowering mechanism. R. H. Staley. 1,576,865; Mar. 16.

Screen-button-cutting apparatus. J. M. McEvoy. 1,576,669; Mar. 16.
Screen cleaner. L. C. Pharo. 1,576,616; Mar. 16.
Screens or the like, Mounting for shaker. H. M. Sutton, W. L. and E. G. Steele. 1,577,310; Mar. 16.
Seal. S. A. Hamnett. 1,576,741; Mar. 16.
Sealed receptacles, Apparatus for cooking and cooling in. N. H. Fooks. 1,577,219; Mar. 16.
Seat: *See*—
Car seat.
Sealing friction catchup cap, Band-. C. Hammer. 1,577,021; Mar. 16.
Seat cover. J. S. Lopez. 1,577,331; Mar. 16.
Seat structure. F. B. King. 1,576,765; Mar. 16.
Seat support. H. Mesinger. 1,577,340; Mar. 16.
Seating surface. V. Collier. 1,576,900; Mar. 16.
Shade holder for lighting fixtures. E. F. Guth. 1,576,968; Mar. 16.
Shade support. M. M. Larsen. 1,576,832; Mar. 16.
Sharpener, Automatic razor-blade. W. H. Krueger. 1,576,518; Mar. 16.
Sheet device, Loose-. G. P. Wigginton. 1,576,696; Mar. 16.
Sheet device, Loose-. G. P. Wigginton, L. L. Allyn and N. H. Stuart. 1,576,697; Mar. 16.
Shelf support, End. S. H. Hobson. 1,577,027; Mar. 16.
Sheeving, Antiproof. F. E. Pinnett. 1,576,784; Mar. 16.
Shelving, Metallic. P. S. Medart and F. Albach. 1,577,066; Mar. 16.
Shingle, Imitation shake. C. E. Putman. 1,577,150; Mar. 16.
Ship propulsion. A. F. Beitzell and C. B. Wheltle. 1,577,101; Mar. 16.
Shipping container and sterilizer. J. Muir. 1,576,535; Mar. 16.
Shirt anticreeper. D. E. Edwards. 1,577,116; Mar. 16.
Shock absorber. F. E. Clarke. 1,576,578; Mar. 16.
Shock absorber. J. F. Lueth. 1,577,041; Mar. 16.
Shock absorber. A. J. Sinclair. 1,577,377; Mar. 16.
Shock absorber and snubber, Combined. H. A. Adams. 1,576,801; Mar. 16.
Shock absorber and snubber, Combined. T. Dixon. 1,577,062; Mar. 16.
Shoe ornament or article of similar nature. L. J. Coblentz. Des. 69,686; Mar. 16.
Shotgun shells. J. H. Sturges. 1,576,875; Mar. 16.
Shower apparatus, Portable. M. Kvitle. 1,577,088; Mar. 16.
Signal: *See*—
Direction signal. Railway-crossing signal.
Signal. J. R. Hill. 1,576,654; Mar. 16.
Signal. R. S. Parker. 1,576,536; Mar. 16.
Signs, Controller for luminous electric. F. H. Eeles. 1,577,208; Mar. 16.
Sill construction, Multiunit-. C. H. Sierks. 1,577,082; Mar. 16.
Sink cabinets, Domestic. W. S. Haskarl. 1,576,607; Mar. 16.
Skeining machine. C. C. Jessen. 1,576,610; Mar. 16.
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Slug trimmer. A. H. Narrow. 1,577,346; Mar. 16.
Snowplow. W. B. Laing. 1,577,322; Mar. 16.
Snow-removal apparatus. J. Klamt. 1,577,264; Mar. 16.
Soap in strings or pieces, Apparatus for continuous production of hard. H. Landgraf. 1,577,239; Mar. 16.
Sodium chloride from saline liquors, Recovering. A. W. Gauger and H. H. Storch. 1,576,739; Mar. 16.
Sound reproducer. H. C. Hayes. 1,577,254; Mar. 16.
Spacing jack. F. B. Comstock. 1,577,249; Mar. 16.
Speed device, Variable-. F. N. Connet. 1,577,176; Mar. 16.
Spindle device. W. L. Smith. 1,576,937; Mar. 16.
Spotlights, Movement-limiting device for. G. W. Aldeen. 1,577,153; Mar. 16.
Spray device. D. G. Leonard. 1,576,662; Mar. 16.
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Strain meter. A. Dix. 1,576,633; Mar. 16.
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Teeth and preparing same, Pad for artificial. D. G. MacKinnon. 1,577,134; Mar. 16.
Telegram-exhibiting machine. N. B. Cregier. 1,576,628; Mar. 16.
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Tensioning and anchoring device. W. K. Brown. 1,577,103; Mar. 16.
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Testing system. E. R. Lundius. 1,577,333; Mar. 16.
Testing system. O. R. Miller. 1,577,046; Mar. 16.
Textile fabric or the like. C. S. Fowler. Des. 69,696; Mar. 16.
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Thrashing machine. F. D. Tolliver. 1,576,760; Mar. 16.
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Timer, Ford. A. Edstrom. 1,576,815; Mar. 16.
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Tractor truck device, Convertible. J. A. Bell. 1,576,499; Mar. 16.
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Trucks, Guiding. H. A. Houston. 1,576,762; Mar. 16.
Trunk and ironing board, Combination. W. Nelson. 1,576,927; Mar. 16.
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Truss. I. M. Pease. 1,577,147; Mar. 16.
Tube holding and compressing means. E. R. Hamilton. 1,576,821; Mar. 16.
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Ultra-violet apparatus, Water-cooled. J. B. Wantz. 1,576,694; Mar. 16.
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Uniform, Football. D. V. Parker. 1,576,843; Mar. 16.
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Valve for refrigeration and air compressors, Combination. V. J. Haddaway. 1,577,229; Mar. 16.
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Valve, Rotary. J. I. May. 1,576,668; Mar. 16.
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Vehicles, Mechanism for operating brakes of motor. T. J. Conley. 1,577,111; Mar. 16.
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Vehicles, Spring suspension for. A. M. Cowen. 1,576,901; Mar. 16.
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Vending machine. E. Schultz. 1,577,301–2; Mar. 16.
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Wall construction. C. Renfro. 1,577,297; Mar. 16.
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Watch strap, Wrist-. C. R. Tost. 1,576,689; Mar. 16.
Watch winding device. W. J. Jackson. 1,576,827; Mar. 16.
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Weed puller and ballast renovator. A. M. Clough, and J. W. Carnehan. 1,577,247; Mar. 16.
Weighing mechanism. C. H. Hapgood. 1,577,018; Mar. 16.
Weight device for use by pianists and the like. H. Ray. 1,577,077; Mar. 16.
Welding machine, Electric spot-. F. M. Cushing and W. L. B. Cushing. 1,577,419; Mar. 16.
Well equipment, Gas-. C. S. Pealer. 1,576,538; Mar. 16.
Well rod and pipe coupling. J. H. Scheibeler. 1,576,677; Mar. 16.
Wheel: *See*—
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Wheel and nonskidding device, Emergency. K. Busch. 1,576,570; Mar. 16.
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Windmill. A. A. Aust. 1,577,096; Mar. 16.
Windshield. E. T. Bastis. 1,577,098; Mar. 16.
Window mounting. W. C. Fischer. 1,577,214–5; Mar. 16.
Window wings, doors, and the like, Latching device for. H. Klemm. 1,576,831; Mar. 16.
Windows, Controlling device for casement. A. Schnehle. 1,576,796; Mar. 16.
Wire and making same, Insulated. W. E. Cook, and M. B. Bradt. 1,577,179; Mar. 16.
Wire-covering machine. W. E. Cook. 1,576,577–8; Mar. 16.
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Wire-line guard for traveling blocks. E. Timbs, and L. E. Zerbe. 1,577,403; Mar. 16.
Wire strands, Socketing composite. C. C. Sunderland. 1,577,003; Mar. 16.
Wire stretcher. J. W. Osborn. 1,576,842; Mar. 16.
Work-marking tool. L. W. Shipman. 1,576,857; Mar. 16.
Wrench. A. E. Lidell. 1,576,918; Mar. 16.
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X-ray-film viewing stand for surgeons. J. M. Strully. 1,576,557; Mar. 16.
X-rays, Plaster or concrete opaque to. P. E. Harth. 1,576,730; Mar. 16.
Yarn binder and trimmer. F. W. Robinson. 1,577,364; Mar. 16.
Yarn or other fibers in the hank or skein, Apparatus for dyeing, scouring, or otherwise treating. H. M. Dudley. 1,577,312–4; Mar. 16.

CLASSIFICATION OF PATENTS

ISSUED MARCH 16, 1926.

NOTE.—First number—class, second number—subclass, third number—patent number.

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Arnesto Paint Co., Inc., New York, N. Y. Paint in paste form. 210,761; Mar. 23; Serial No. 222,103; published Jan. 5, 1926.

Aronsohn, S. J., Inc., New York, N. Y. Tie silks. 210,798; Mar. 23; Serial No. 224,067; published Jan. 5, 1926.

Automatic Radio Corporation of America, Wilmington, Del. Radio receiving sets. 210,839; Mar. 23; Serial No. 208,739; published Dec. 29, 1925.

Baeck Wall Paper Co., New York, assignor to Baeck Wall Paper Co., Brooklyn, N. Y. Wall papers. 52,803; renewed May 15, 1926.

Bakelite Corporation, New York, N. Y. Ornamentation simulating beaded designs on cotton, silk, etc. 210,748; Mar. 23; Serial No. 222,151; published Dec. 29, 1925.

Bakelite Corporation, New York, N. Y. Ornamentation simulating beaded designs on cotton, silk, etc. 210,827; Mar. 23; Serial No. 221,590; published Dec. 29, 1925.

Baker Brothers, Elmira, N. Y. Greeting cards, folders, and booklets, etc. 210,756; Mar. 23; Serial No. 222,300; published Dec. 29, 1925.

Baker, Leslie E., doing business as Baker Oil Company, Milton, Pa. Lubricating oils and greases. 210,831; Mar. 23; Serial No. 220,882; published Dec. 29, 1925.

Ballard, James F., Inc. (See Rhuma-Sulphur Co.)

Balmer, J. H., Company, Newark, N. J. Bathroom and kitchen accessories. 210,884; Mar. 23; Serial No. 221,159; published Dec. 29, 1925.

Barber, W. H., Company, Minneapolis, Minn. Petroleum products. 210,713; Mar. 23; Serial No. 223,362; published Jan. 5, 1926.

Bay State Nurseries, The. (See Wyman, W. H., & Son.)

Beatrice Creamery Company, Chicago, Ill. Butter and cheese. 210,782; Mar. 23; Serial No. 223,113; published Jan. 5, 1926.

Berkley Knitting Company, Philadelphia, Pa. Golf hose. 210,743; Mar. 23; Serial No. 218,727; published Jan. 5, 1926.

Berliner Kugellager-Fabrik G. m. b. H., A. Riebe, Berlin-Wittenau, Germany. Ball and roller bearings, castings for said bearings, etc. 210,811; Mar. 23; Serial No. 219,217; published Jan. 5, 1926.

Berry Growers Packing Co., The, Gresham, Oreg. Canned fruits and berries. 210,801; Mar. 23; Serial No. 199,669; published Jan. 5, 1926.

Bettes, A. O., Mfg. Co. Inc., Kansas City, Mo. Compound for polishing metal. 210,744; Mar. 23; Serial No. 218,728; published Dec. 22, 1925.

Bickiepegs Limited, London, England. Biscuits. 210,696; Mar. 23; Serial No. 222,779; published Dec. 29, 1925.

Bijou Dress Co., New York, N. Y. Ladies' and misses' dresses. 210,691; Mar. 23; Serial No. 222,595; published Dec. 29, 1925.

Boehm, Henry M., doing business as Boehm Decorating Co., Minneapolis, Minn. Imitation snow. 210,737; Mar. 23; Serial No. 217,604; published Jan. 5, 1926.

Bonheur Company, The, Syracuse, N. Y. Lotion for the head and face. 210,726; Mar. 23; Serial No. 222,106; published Dec. 29, 1925.

Borgfeldt, Geo., & Co., New York, N. Y. Dolls. 210,706; Mar. 23; Serial No. 223,211; published Jan. 5, 1926.

Boss Manufacturing Company, The, Kewanee, Ill., and Brooklyn, N. Y. Gloves and mittens. 210,819; Mar. 23; Serial No. 221,802; published Dec. 29, 1925.

Boyle, Elmer E., Wichita, Kans. Mechanical hobbyhorse. 210,714; Mar. 23; Serial No. 223,363; published Jan. 5, 1926.

Brant & Nielsen, Milwaukee, Wis. Puttylike calking cement. 210,885; Mar. 23; Serial No. 221,232; published Jan. 5, 1926.

Britz, Maurice, Chicago, Ill. Pocket vanity case and hand brushes. 210,848; Mar. 23; Serial No. 215,132; published Jan. 5, 1926.

Brown & Singerman, Inc., New York, N. Y. Women's underwear. 210,702; Mar. 23; Serial No. 222,367; published Dec. 29, 1925.

Brownstein-Louis Company, Los Angeles, Calif. Men's negligee outing shirts. 210,741; Mar. 23; Serial No. 218,388; published Dec. 29, 1925.

Brownstein-Louis Company, Los Angeles, Calif. Cotton, wool, silk, and mixtures fabrics in the piece. 210,891; Mar. 23; Serial No. 219,875; published Dec. 29, 1925.

Brownstein-Louis Company, Los Angeles, Calif. Textile fabrics of cotton, wool, silk, and mixtures of the same in the piece. 210,892; Mar. 23; Serial No. 219,875; published Dec. 29, 1925.

Campbell, John, & Co., Inc., New York, N. Y. Soluble oil. 210,791; Mar. 23; Serial No. 223,367; published Dec. 22, 1925.

Canadian Club Corporation, Boston, Mass. Beverages and syrups, extracts, and emulsions for making the same. 210,881; Mar. 23; Serial No. 220,938; published Jan. 5, 1926.

Central Lemon Association, Villa Park, Calif. Oranges, lemons, and grapefruit. 210,679; Mar. 23; Serial No. 216,882; published Oct. 20, 1925.

Chanel Inc., New York, N. Y. Perfume and toilet water. 210,785–7; Mar. 23; Serial Nos. 223,213–5; published Dec. 22, 1925.

Chatterton & Son, Lansing, Mich. Beans. 210,735; Mar. 23; Serial No. 221,237; published Dec. 8, 1925.

Chemical Treatment Company, Inc., New York, N. Y. Scale weights, gauge tubing, scale parts, etc. 210,890; Mar. 23; Serial No. 219,807; published Dec. 29, 1925.

Christian, Pete, Wichita, Kans. Beverage and sirup for compounding the same. 210,669; Mar. 23; Serial No. 219,878; published Jan. 12, 1926.

Christians, H. C., Co., Johnson Creek, Wis. Butter. 54,495; renewed June 26, 1926.

Colorado Bedding Co., The, Pueblo; The Colorado Bedding Co., Denver, Colo. Mattresses. 53,139; renewed May 29, 1926.

Converters' Association, New York, N. Y. Bulletin or journal issued monthly. 210,817; Mar. 23; Serial No. 221,695; published Dec. 29, 1925.

Corte Publishing Company, assignor to Dell Publishing Company, New York, N. Y. Magazine published monthly. 210,851; Mar. 23; Serial No. 216,089; published Jan. 5, 1926.

Crawford, McGregor and Canby Company, The, Dayton, Ohio. Golf clubs. 210,866; Mar. 23; Serial No. 223,769; published Jan. 5, 1926.

Crescent Washing Machine Company, New Rochelle, N. Y. Trays for carrying and handling cups, glasses, etc. 210,902; Mar. 23; Serial No. 220,643; published Dec. 29, 1925.

Davis, Wm. H., Media, Pa. Mechanic hand soap. 210,810; Mar. 23; Serial No. 219,112; published Nov. 17, 1925.

Day, Dorothy W., Chicago, Ill. Radiator cupboards and closets. 210,846; Mar 23; Serial No. 214,588; published Dec. 29, 1925.

Dell Publishing Company. (See Corte Publishing Company, assignors.)

Derwent Mills Ltd., Matlock, England. Cotton yarn, sewing silk, silk twist, silk thread, etc. 210,833; Mar. 23; Serial No. 217,210; published Dec. 22, 1925.

Detroit Graphite Company, Detroit, Mich. Washable wall finish. 210,749; Mar. 23; Serial No. 222,225; published Jan. 5, 1926.

Dieckerhoff, Raffoer & Co., assignor, by mesne assignments, to Dieckerhoff, Raffoer & Company, Inc., New York, N. Y. Buttons. 50,744; renewed Mar. 27, 1926.

Dieckerhoff, Raffoer & Co., assignor, by mesne assignments, to Dieckerhoff, Raffoer & Company, Inc., New York, N. Y. Braids and tapes. 51,680; renewed Apr. 24, 1926.

Donaldson, Frederick E., New York, N. Y. Silk piece goods. 210,888; Mar. 23; Serial No. 221,411; published Dec. 29, 1925.

Dueber-Hampden Watch Company, The, Canton, Ohio. Watchcases. 210,841; Mar. 23; Serial No. 209,725; published Dec. 29, 1925.

Duff, P., & Sons; P. Duff & Sons, Inc., Pittsburgh, Pa., successor. Molasses. 51,440; renewed Apr. 17, 1926.

Dunhill, Alfred, of London Inc., New York, N. Y. Spirits for cigar lighters; 210,865; Mar. 23; Serial No. 223,774; published Jan. 5, 1926.

Egon Braun Aktiengesellschaft, Hamburg, Germany. Brandies, liqueurs, punches, etc. 210,728; Mar. 23; Serial No. 222,019; published Jan. 12, 1926.

Egon Braun Aktiengesellschaft, Hamburg, Germany. Multless beverages, sirups, and extracts for making the same, and mineral waters. 210,856; Mar. 23; Serial No. 222,017; published Jan. 5, 1926.

Egyptian Lacquer Manufacturing Company, The, New York, N. Y. Lacquers, lacquer enamels, and lacquer thinners. 210,862; Mar. 23; Serial No. 223,907; published Jan. 5, 1926.

Egyptian Lacquer Manufacturing Company, The, New York, N. Y. Lacquers, lacquer enamels, and lacquer thinners. 210,863; Mar. 23; Serial No. 223,905; published Jan. 5, 1926.

Eley Brothers Limited, London, England. Cartridges. 49,434; renewed Feb. 6, 1926.

Elgin National Watch Co., Elgin and Chicago, Ill. Watches. 50,094; renewed Mar. 6, 1926.

Enterprise Manufacturing Company, The, Akron, Ohio. Snells for fishhooks. 210,683; Mar. 23; Serial No. 207,730; published Jan. 12, 1926

Enterprise Manufacturing Company, The, Akron, Ohio. Fishing reels. 210,875; Mar. 23; Serial No. 223,626; published Jan. 5, 1926.

Ethol Laboratories (See Frey, Joseph P.)

Fairbank, N. K., Company, The, Chicago, Ill., assignor to Gold Dust Corporation, Jersey City, N. J. Soap. 51,243; renewed Apr. 10, 1926.

Fairbank, N. K., Company, The, Chicago, Ill., assignor to Gold Dust Corporation, Jersey City, N. J. Soap. 52,601; renewed May 15, 1926.

Fairbank, N. K., Company, The, Chicago, Ill., assignor to Gold Dust Corporation, Jersey City, N. J. Soap. 52,603–4; renewed May 15, 1926.

Fairbank, N. K., Company, The, Chicago, Ill., assignor to Gold Dust Corporation, Jersey City, N. J. Soap. 52,606–7; renewed May 15, 1926.

Fairbank, N. K., Company, The, Chicago, Ill., assignor to Gold Dust Corporation, Jersey City, N. J. Soap. 52,610–12; renewed May 15, 1926.

Fairbank, N. K., Company, The, Chicago, Ill., assignor to Gold Dust Corporation, Jersey City, N. J. Soap. 52,615; renewed May 15, 1926.

Fairbank, N. K., Company, The, Chicago, Ill., assignor to Gold Dust Corporation, Jersey City, N. J. Soap. 52,786; renewed May 15, 1926.

Fairbank, N. K., Company, The, Chicago, Ill., assignor to Gold Dust Corporation, Jersey City, N. J. Soap. 53,321–3; renewed May 29, 1926.

Fairbank, N. K., Company, The, Chicago, Ill., assignor to Gold Dust Corporation, Jersey City, N. J. Soap. 53,351–2; renewed May 29, 1926.

Famous Features Syndicate, Inc., New York, N. Y. Newspaper feature articles. 210,738; Mar. 23; Serial No. 217,454; published Dec. 29, 1925.

Fargo-Hallowell Shoe Co. (See J. P. Hartray Shoe Co., assignor.)

Farmers Union Exchange, Des Moines, Iowa. Wheat flour. 210,767; Mar. 23; Serial No. 203,878; published Jan. 5, 1926.

Federal Radio Corporation, Buffalo, N. Y. Radio receiving equipment. 210,899; Mar. 23; Serial No. 220,402; published Dec. 29, 1925.

Feldman, Manuel, Company, Inc., New York, N. Y. Textile and grass rugs and mats. 210,668; Mar. 23; Serial No. 220,710; published Jan. 5, 1926.

Ferrara Pan Confection Co., Chicago, Ill. Candy. 210,870; Mar. 23; Serial No. 223,699; published Jan. 5, 1926.

Florence Manufacturing Co. (See Golinko, Philip.)

Foley Bros. Grocery Co., St. Paul, Minn. Canned white cherries, pitted red cherries, blueberries, asparagus, etc. 210,900; Mar. 23; Serial No. 220,514; published Dec. 29, 1925.

Fortnum & Mason, Ltd., London, England. Golf clubs, golf bags, golf balls, etc. 210,832; Mar. 23; Serial No. 216,903; published Jan. 12, 1926.

Frey, Joseph P., doing business as Ethol Laboratories, Chicago, Ill. Antiseptic mouth wash. 210,675; Mar. 23; Serial No. 218,810; published Dec. 22, 1925.

Fuller Brush Company, The, Hartford, Conn. Manicure and dresser trays, vanity cases. 210,765; Mar. 23; Serial No. 203,306; published Jan. 12, 1926.

Fulton Tool Works, Canal Fulton, Ohio, assignor to Fulton Tool Works, Huntington, W. Va. Coal-miners' picks. 53,748; renewed June 12, 1926.

Galena-Signal Oil Company, Franklin, Pa. Lubricating oils. 49,274; renewed Jan. 30, 1926.

Gardner, Frank A., doing business as F. A. Gardner, Riverside, Calif. Chemical moth killer and moth preventive. 210,666; Mar. 23; Serial No. 221,053; published Dec. 22, 1925.

Gerasch, Emil, G. m. b. H., Leipzig, Germany. Printing machines, printing presses, rotary presses, manifolding apparatus, etc. 210,745; Mar. 23; Serial No. 218,750; published Dec. 15, 1925.

Gerber & Co., A. G., Thoune, Switzerland. Cheese. 210,879; Mar. 23; Serial No. 222,112; published Dec. 29, 1925.

Gilbert, A. C., Company, The, New Haven, Conn. Miniature automobiles and steam shovels, etc. 210,874; Mar. 23; Serial No. 223,635; published Jan. 5, 1926.

Gilbert Spruance Company, The, Philadelphia, Pa. Ready-mixed paint. 210,607; Mar. 23; Serial No. 222,840; published Dec. 29, 1925.

Giolitti, A., Wahtoke, Calif. Fresh grapes. 210,872–3; Mar. 23; Serial Nos. 223,636–7; published Jan. 5, 1926.

Golba, Joseph, Gardner, Kans. Fistula salve. 210,731; Mar. 23; Serial No. 221,957; published Dec. 22, 1925.

Gold Dust Corporation. (See Fairbank, N. K., Company, assignor.)

Goldstein, Ben, Rochester, N. Y. Automobile and furniture polish. 210,750; Mar. 23; Serial No. 222,236; published Jan. 5, 1926.

Golinko, Philip, doing business as Florence Manufacturing Co., New York, N. Y. Dresses, coats, and suits. 210,703; Mar. 23; Serial No. 223,167; published Dec. 29, 1925.

Goss Printing Press Company, The, Chicago, Ill. Web-perfecting printing machines. 49,310; renewed Jan. 30, 1926.

Great Lakes Varnish Works, Inc., Chicago, Ill. Ready-mixed paint. 210,868; Mar. 23; Serial No. 223,709; published Jan. 5, 1926.

Great Lakes Varnish Works, Inc., Chicago, Ill. Ready-mixed paint. 210,869; Mar. 23; Serial No. 223,708; published Jan. 5, 1926.

Green Green & Co.; The Green & Green Company, Dayton, Ohio, successor. Crackers and biscuits. 51,028; renewed Apr. 3, 1926.

Grushaw and Sichel, Philadelphia, Pa. Knitted jackets, vests, coats, and sweaters. 210,860; Mar. 23; Serial No. 222,114; published Dec. 29, 1925.

Guard, Louis H., doing business as Guard Germicide Co., Geneva, N. Y. Germicides, disinfectants, and deodorizers. 210,771; Mar. 23; Serial No. 222,745; published Dec. 29, 1925.

Guard, Louis H., doing business as Guard Germicide Co., Geneva, N. Y. Insecticides. 210,772; Mar. 23; Serial No. 222,746; published Dec. 29, 1925.

Guggenheimer, C. M., Inc., Lynchburg, Va. Cotton suitings and cotton ginghams. 210,799; Mar. 23; 185,295; published Dec. 29, 1925.

Haas Brothers Fabrics Corporation, New York, N. Y. Piece goods made of wool, silk, and cotton. 210,824; Mar. 23; Serial No. 221,419; published Dec. 29, 1925.

Haffner Bros., assignor to The Haffner Bros. Company, Cincinnati, Ohio. Harness leather. 54,825; renewed July 31, 1926.

Hallock & Watson Radio Corporation, Portland, Oreg. Radio receiving sets and parts thereof. 210,740; Mar. 23; Serial No. 218,173; published Dec. 29, 1925.

Hamilton, M. B., & Co., Leavenworth, Kans. Work gloves, mittens, and gauntlets. 210,685; Mar. 23; Serial No. 223,512; published Dec. 29, 1925.

Hanan & Son, New York; Hanan & Son, Brooklyn, New York, N. Y. Leather and cloth boots, shoes, and slippers. 50,970; renewed Apr. 3, 1926.

Hanan & Son, New York; Hanan & Son, Brooklyn, New York, N. Y. Leather and cloth boots, slippers, and shoes. 53,143; renewed May 29, 1926.

Hanscom, Allen T., Woonsocket, R. I. Radio receiving sets and parts thereof. 210,842; Mar. 23; Serial No. 211,208; published Dec. 29, 1925.

Hart Coal Corporation, Mortons Gap, Ky. Coal. 210,830; Mar. 23; Serial No. 221,661; published Dec. 29, 1925.

Hartman, Samuel B., assignor, by mesne assignments, to The Peruna Corporation, Chicago, Ill. Medicines for the blood. 48,196; renewed Dec. 19, 1925.

Hartray, J. P., Shoe Co., assignor, by mesne assignments, to Fargo-Hallowell Shoe Co., Chicago, Ill. Leather shoes. 49,124; renewed Jan. 23, 1926.

Haynes-Henson Shoe Company, Knoxville, Tenn. Shoes. 210,757; Mar. 23; Serial No. 222,437; published Dec. 29, 1925.

Henderson, O. W., doing business as Strawberry Point Packing Company, Cordova, Alaska. Canned minced clams and canned salmon. 210,676; Mar. 23; Serial No. 218,068; published Dec. 8, 1925.

Henderson, O. W., doing business as Strawberry Point Packing Company, Cordova, Alaska. Canned minced clams. 210,677; Mar. 23; Serial No. 218,067; published Dec. 8, 1925.

Hercules Explosives Corporation. (See Aetna Powder Co., assignor.)

Hi-Gene Co., Newark, N. J. Remedy for corns and bunions and foot-bath tablets. 210,725; Mar. 23; Serial No. 222,379; published Dec. 29, 1925.

Hill, Edward M., doing business as Edward M. Hill & Co., New York, N. Y. Turkish towels, terry cloths, Turkish bath sheets, etc. 210,845; Mar. 23; Serial No. 213,709; published Dec. 29, 1925.

Hill, H. G., Company, Nashville, Tenn. Wheat flour. 210,695; Mar. 23; Serial No. 222,748; published Dec. 29, 1925.

Hill, H. G., Stores, Inc., New Orleans, La. Butter. 210,763; Mar. 23; Serial No. 218,060; published Jan. 5, 1926.

Himalya Company, The. (See Manfield, Mary A.)

Hip-Hip Beverage Co., New York, N. Y. Beverages sold as soft drinks. 210,794; Mar. 23; Serial No. 223,476; published Jan. 12, 1926.

Holden-Leonard Co., New York, N. Y. Worsted and woolen textile fabrics. 210,707–9; Mar. 23; Serial Nos. 223,239–41; published Dec. 29, 1925.

Home Malt Company. (See Tusch, Ernest O.)

Hood Rubber Company, Watertown, Mass. Rubber boots and shoes, rubber overshoes, and rubber-sole canvas shoes. 210,814; Mar. 23; Serial No. 219,333; published Dec. 29, 1925.

Hood Rubber Company, Watertown, Mass. Rubber boots and shoes, rubber overshoes, and rubber-sole canvas shoes. 210,815; Mar. 23; Serial No. 219,336; published Dec. 29, 1925.

Hood Rubber Company, Watertown, Mass. Rubber boots and shoes, rubber overshoes, etc. 210,894; Mar. 23; Serial No. 220,129; published Dec. 29, 1925.

Hoos, Carl A., Liberty, N. Y. Puzzle. 210,758; Mar. 23; Serial No. 222,458; published Jan. 5, 1926.

Hormel, George A., & Co., Austin, Minn. Cured meats. 48,457; renewed Jan. 2, 1926.

Humble Oil & Refining Company, Houston, Tex. Refined and unrefined oils made from petroleum and lubricating greases. 210,693; Mar. 23; Serial No. 222,679; published Dec. 29, 1925.

International Motor Company, New York, N. Y. Busses, trucks, and chassis therefor. 210,769; Mar. 23; Serial No. 204,773; published Dec. 29, 1925.

International Radiolite Company, The, St. Paul, Minn. Battery compound. 210,778; Mar. 23; Serial No. 223,036; published Dec. 29, 1925.

J. & J. C. Dorward, Limited, Galashiels, Scotland. Overcoats. 210,901; Mar. 23; Serial No. 220,598; published Dec. 29, 1925.

Jaite Company, The, Jaite, Ohio. Bags for cement and other materials. 210,700; Mar. 23; Serial No. 222,984; published Jan. 5, 1926.

Johnson & Johnson, New Brunswick, N. J. Adhesive plasters. 52,955; renewed May 22, 1926.

Jones, Cecile, New York, N. Y. Creams for the skin. 210,672; Mar. 23; Serial No. 219,746; published Dec. 29, 1925.

Kansas Flour Mills Company, The, Wichita, Kans. Wheat flour. 210,812; Mar. 23; Serial No. 219,245; published Dec. 29, 1925.

Kelly Axe and Tool Company, Charleston, W. Va. Axes and hatchets. 210,847; Mar. 23; Serial No. 215,010; published Dec. 15, 1925.

Kemp-Booth Company Limited, Seattle, Wash. Woolen piece goods. 210,733; Mar. 23; Serial No. 221,370; published Jan. 5, 1926.

Kemp-Booth Company Limited, Seattle, Wash. Woolen piece goods. 210,734; Mar. 23; Serial No. 221,368; published Jan. 5, 1926.

Kibbe Brothers Company, Springfield, Mass. Jelly candies. 210,828; Mar. 23; Serial No. 221,622; published Jan. 5, 1926.

Kingdom of Italy, Rome, Italy. Snuff. 210,820; Mar. 23; Serial No. 221,837; published Jan. 5, 1926.

Kingdom of Italy, Rome, Italy. Snuff. 210,821; Mar. 23; Serial No. 221,839; published Jan. 5, 1926.

Kleinert, I. B., Rubber Company; I. B. Kleinert Rubber Company, New York, N. Y., successor. Dress shields. 54,142; renewed June 19, 1926.

Koko Signal System Incorporated, doing business as New York Merchants Protective Co., New York, N. Y. Electrical alarms and signal devices. 210,746; Mar. 23; Serial No. 218,818; published Dec. 29, 1925.

Kraus, Louis, & Sydney Shreero Inc., New York, N. Y. Dresses. 210,698; Mar. 23; Serial No. 222,849; published Dec. 29, 1925.

Kroder, John, & Henry Reubel Co. Inc., The, New York, N. Y. Curtain hardware. 210,880; Mar. 23; Serial No. 220,906; published Dec. 29, 1925.

La France Art Company, Philadelphia, Pa. Tapestry, pictures, or hangings woven of textile fabrics. 210,853; Mar. 23; Serial No. 206,626; published Dec. 29, 1925.

Lancaster Mills, Clinton, Mass. Cotton piece goods. 210,857; Mar. 23; Serial No. 222,327; published Dec. 29, 1925.

Landreth, D., Seed Company, doing business as Penn's Manor Canning Company, Bristol Pa. Canned vegetables. 210,760; Mar. 23; Serial No. 222,040; published Jan. 5, 1926.

La Salle Company, The, St. Paul, Minn. Perfumes, toilet waters, face and talcum powder, and face creams. 210,667; Mar. 23; Serial No. 220,785; published Dec. 29, 1925.

Lawrence, Reba B., Brookline, Mass. Candies. 210,855; Mar. 23; Serial No. 222,129; published Dec. 29, 1925.

Ledoment Co. (See Sisdek, Thomas.)

Lentheric, Inc., New York, N. Y. Toilet soap. 210,850; Mar. 23; Serial No. 215,989; published Dec. 29, 1925.

Lincoln, Clarence S., Ceresco and Lincoln, Nebr. Cold tablets. 210,678; Mar. 23; Serial No. 218,856; published Dec. 29, 1925.

Linton, P. & A., Co., Providence, R. I. Earrings. 210,804; Mar. 23; Serial No. 220,856; published Dec. 29, 1925.

Lloyd, John R., doing business as J. R. Lloyd Company, Pittsburgh, Pa. Cake mix. 210,779; Mar. 23; Serial No. 223,045; published Jan. 5, 1926.

Long's Hat Stores, New York, N. Y. Men's caps. 210,834; Mar. 23; Serial No. 216,108; published Dec. 29, 1925.

Long's Hat Stores, New York, N. Y. Men's caps. 210,837; Mar. 23; Serial No. 216,109; published Dec. 29, 1925.

Lubin, Inc., Wilmington, Del., and New York, N. Y. Perfume, toilet water, face powder, etc. 210,773; Mar. 23; Serial No. 222,752; published Dec. 29, 1925.

Lustberg, Nast & Co., New York, N. Y. Shirts. 210,852; Mar. 23; Serial No. 206,487; published Dec. 29, 1925.

Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Strings for violins. 51,299; renewed Apr. 10, 1926.

Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Strings for violins. 51,871; renewed Apr. 17, 1926.

Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Strings for musical instruments. 51,374; renewed Apr. 17, 1926.

Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Certain named musical instruments. 53,390; renewed June 5, 1926.

Lyon & Healy, assignor to Lyon & Healy, Inc., Chicago, Ill. Guitars and zithers. 54,518; renewed June 26, 1926.

Madsen, Alfred W., Joliet, Ill. Butter. 210,718; Mar. 23; Serial No. 222,622; published Jan. 5, 1926.

Magnolia Petroleum Company, Dallas, Tex. Naphtha. 210,871; Mar. 23; Serial No. 223,649; published Jan. 5, 1926.

Manitowoc Portland Cement Company, Manitowoc, Wis. Cement. 210,808; Mar. 23; Serial No. 221,972; published Dec. 29, 1925.

Manufield, Mary A., doing business as The Alkavis Company, Detroit, Mich. Preparation for the treatment of kidneys, liver, urinary organs, and rheumatism. 210,788; Mar. 23; Serial No. 223,245; published Dec. 29, 1925.

Mansfield, Mary A., doing business as The Himalya Company, Detroit, Mich. Preparation for the treatment of asthma, hay fever, and respiratory organs. 210,769; Mar. 23; Serial No. 223,246; published Dec. 29, 1925.

Masury-Young Company, Charlestown, Mass. Disinfectants. 210,730; Mar. 23; Serial No. 221,755; published Dec. 22, 1925.

Masury-Young Company, Charlestown, Mass. Spray and floor oils, cedar spray, and wax spray. 210,818; Mar. 23; Serial No. 221,756; published Jan. 5, 1926.

McKean, B. S., Inc. (See Tafts Asthmalene Company, assignor.)

McPhail, A. M., Piano Co., Boston, Mass. Pianos. 51,006; renewed Apr. 3, 1926.

McVitie & Price; McVitie & Price, Limited, Edinburgh, Scotland, successor. Cakes, biscuits, bread, and confectionery. 25,592; renewed Dec. 4, 1924.

Miller-Crane Co., The, Cleveland, Ohio. Goiter prophylactic. 210,790; Mar. 23; Serial No. 223,247; published Dec. 29, 1925.

Miner, Walter C. (See Reiman, C. K., and Miner.)

Monteros & Co., Inc., New Orleans, La. Flint paper. 210,864; Mar. 23; Serial No. 223,796; published Jan. 5, 1926.

Mt. Shasta Mineral Spring Company, doing business as Shasta Water Company, San Francisco, Calif. Recarbonated water. 210,722; Mar. 23; Serial No. 222,474; published Jan. 12, 1926.

Mt. Shasta Mineral Spring Company, doing business as Shasta Water Company, San Francisco, Calif. Beverages sold as soft drinks, and water. 210,723; Mar. 23; Serial No. 222,473; published Jan. 12, 1926.

Myers, E. H., Walnut Grove, Calif. Fresh pears and plums. 210,715; Mar. 23; Serial No. 223,443; published Jan. 5, 1926.

Nathan & Cohen Co. Inc., New York, N. Y. Rayon-filled cotton crêpe with a satin edge. 210,816; Mar. 23; Serial No. 219,444; published Dec. 29, 1925.

National-Acme Manufacturing Company, The; The National Acme Company, Cleveland, Ohio, successor. Lathes. 49,597; renewed Feb. 13, 1926.

National Biscuit Company, New York, N. Y. Biscuit, crackers, cakes, and wafers. 210,602; Mar. 23; Serial No. 222,627; published Dec. 29, 1925.

Newcraft Sales Company, Inc., The, Boston, Mass. Machines for making and coating confections. 210,752; Mar. 23; Serial No. 222,571; published Jan. 5, 1926.

New England Box Co., The; The New England Box Co., Greenfield, Mass., successor. Wooden boxes. 49,133; renewed Jan. 23, 1926.

New England Poultryman Publishing Co., The, Boston, Mass. Monthly magazine. 210,755; Mar. 23; Serial No. 222,837; published Dec. 29, 1925.
New York Merchants Protective Co. (See Koko Signal System Incorporated.)
Nielsen, Claudius, doing business as Nielco Products Co., Detroit, Mich. Face creams, perfumes, and toilet waters. 210,732; Mar. 23; Serial No. 221,374; published Dec. 29, 1925.
Odeneal, Thomas H., Beverly, Mass. Laxative confection. 210,716; Mar. 23; Serial No. 222,699; published Dec. 22, 1925.
Ohio Chemical and Manufacturing Company, The, Cleveland, Ohio. Nitrous oxid, ethylene ether, CO_2 ether, Dunlop vapor, etc. 210,721; Mar. 23; Serial No. 222,517; published Dec. 22, 1925.
Ohio Match Company, The, Wadsworth, Ohio. Matches. 210,688–9; Mar. 23; Serial Nos. 223,590–1; published Jan. 5, 1926.
Ohio Match Company, The, Wadsworth, Ohio. Matches. 210,795; Mar. 23; Serial No. 223,597; published Jan. 5, 1926.
Ohio Match Company, The, Wadsworth, Ohio. Matches. 210,877–8; Mar. 23; Serial Nos. 223,593–4; published Jan. 5, 1926.
Ohrbach's Affiliated Stores Inc., New York, N. Y. Ladies' and misses' costumes. 210,843; Mar. 23; Serial No. 211,423; published Dec. 29, 1925.
Otis Oil Company, Inc., New York, N. Y. Lubricating oil and grease. 210,702; Mar. 23; Serial No. 223,136; published Jan. 5, 1926.
Paiste, H. T., Co., assignor to Taplet Manufacturing Company, Philadelphia, Pa. Devices for connecting branch and main circuits. 52,909; renewed May 22, 1926.
Palmolive Company, The, Chicago, Ill. Soap. 210,882; Mar. 23; Serial No. 221,136; published Dec. 29, 1925.
Parfumerie Mompelas Steinfels Frères & Co., Vincennes, France. Perfumed face powder. 210,681; Mar. 23; Serial No. 210,005; published Dec. 29, 1925.
Parker, Stearns & Company, Brooklyn, N. Y. Babies' rubber pants or bloomers. 210,727; Mar. 23; Serial No. 222,044; published Dec. 15, 1925.
Peaslee-Gaulbert Co., Louisville, Ky. Ready-mixed paints. 210,835; Mar. 23; Serial No. 206,025; published Dec. 29, 1925.
Penn's Manor Canning Company. (See Landreth, D., Seed Company.)
Pennsylvania Working Home For Blind Men, Philadelphia, Pa. Brooms and whisk brooms. 210,792; Mar. 23; Serial No. 223,405; published Jan. 12, 1926.
Personeni, Joseph, New York, N. Y. Solid salts for making beverages. 51,196; renewed Apr. 10, 1926.
Peruna Corporation, The. (See Hartman, Samuel B., assignor.)
Pharmacia Gyógyszer-Vegyészeti Gyár, Gyógyárunagykereskedés, R. T., Budapest, Hungary. Liquid prophylactic substance. 210,682; Mar. 23; Serial No. 208,479; published Dec. 29, 1925.
Phoenix Flour Mill, Evansville, Ind. Wheat flour and self-rising flour. 210,770; Mar. 23; Serial No. 204,832; published Jan. 5, 1926.
Pierce, S. S., Co., Boston, Mass. Perfumes, toilet water, face powder, bath salts, etc. 210,719–20; Mar. 23; Serial Nos. 222,575–6; published Dec. 22, 1925.
"Proka" Parfümerie- und Seifenfabriks A. G., Vienna, Austria. Soaps and preparations for laundry uses. 210,893; Mar. 23; Serial No. 220,038; published Dec. 29, 1925.
Pure Oil Company, Columbus, Ohio. Gasoline. 210,711; Mar. 23; Serial No. 223,332; published Jan. 5, 1926.
Purox Company, Denver, Colo. Liquefied-gas containers. 210,686; Mar. 23; Serial No. 223,546; published Jan. 5, 1926.
Reeves Engineering Corporation, Newark, N. J. Flush plates and convenience openings. 210,858; Mar. 23; Serial No. 222,144; published Dec. 29, 1925.
Reiman, Clarence K., and W. C. Miner, trustees of San Albus Products Associates, Boston, Mass. Tooth paste. 210,717; Mar. 23; Serial No. 222,626; published Dec. 29, 1925.
Reisch Food Products Company, Springfield, Ill. Hopped malt extract, malt extract, and malt sirup. 210,886–7; Mar. 23; Serial Nos. 221,380–1; published Jan. 5, 1926.
Rhuma-Sulphur Co., The; James F. Ballard, Inc., successor, St. Louis, Mo. Germicides. 50,531; renewed Mar. 20, 1926.
Rickert, Charles A., Minneapolis, Minn. Fertilizer. 210,822; Mar. 23; Serial No. 221,851; published Dec. 29, 1925.
Rittenberg Bros., New York, N. Y. Woolen piece goods. 210,895; Mar. 23; Serial No. 220,143; published Dec. 29, 1925.
Rogers Paper Mfg. Co., Inc'd, The, Manchester; The Rogers Mfg. Co., Inc'd, South Manchester, Conn. Pressboard or press paper. 51,330; renewed Apr. 10, 1926.
Rogers Paper Mfg. Co. Inc'd, The, South Manchester, Mass. Pressboard and press paper. 54,629; renewed June 26, 1926.
Rogers, Wm. A., Limited, New York, N. Y.; Wm. A. Rogers Limited, Toronto, Canada, and Niagara Falls, N. Y. Silver-plated flatware. 48,491; renewed Jan. 2, 1926.
Rogers, Wm. A., Limited, Toronto, Canada, and Niagara Falls, N. Y. Silver-plated flatware. 48,537; renewed Jan. 2, 1926.
Royalin Flexible Lacquer Company, Incorporated, Long Island City, N. Y. Lacquers, lacquer enamels, thinners, etc. 210,888; Mar. 23; Serial No. 220,324; published Dec. 29, 1925.
Samson, Meyer, doing business as The Samson Laboratories, Philadelphia, Pa. Receptacles for transportation of laboratory specimens or samples. 210,751; Mar. 23; Serial No. 222,582; published Jan. 5, 1926.
San Albus Products Associates. (See Reiman, C. K., and Miner, trustees.)
San Francisco Association for the Blind, San Francisco, Calif. Baskets. 210,674; Mar. 23; Serial No. 219,006; published Jan. 12, 1926.
Scheidt, Adam, Brewing Co., Norristown, Pa. Beverages made from malt. 210,768; Mar. 23; Serial No. 204,725; published Jan. 5, 1926.
Schenck, Jay E., Denver, Colo. Fortune-telling games. 210,724; Mar. 23; Serial No. 222,407; published Jan. 12, 1926.
Schulze, Paul, Biscuit Co., Chicago, Ill. Cookies, cakes, and wafers. 210,775; Mar. 23; Serial No. 222,949; published Jan. 5, 1926.
Schulze, Paul, Biscuit Co., Chicago, Ill. Crackers. 210,776; Mar. 23; Serial No. 222,951; published Jan. 5, 1926.
Schwarzenbach Huber Co., The, West Hoboken, N. J. Broad silks in the piece. 210,766; Mar. 23; Serial No. 203,606; published Dec. 29, 1925.
Scott and Fetzer Company, The, Cleveland, Ohio. Nonelectric sweepers and cleaners and parts and attachments therefor. 210,840; Mar. 23; Serial No. 209,179; published May 12, 1925.
Scudders-Gale Grocer Company, The, St. Louis, Mo. Canned fruits and vegetables. 48,740; renewed Jan. 9, 1926.
Shasta Water Company. (See Mt. Shasta Mineral Spring Company.)
Siegel, Jacob, doing business as Jacob Siegel Company, Philadelphia, Pa. Men's topcoats and overcoats. 210,759; Mar. 23; Serial No. 222,410; published Dec. 29, 1925.
Simmons, R. F., Company, assignor to R. F. Simmons Company, Attleboro, Mass. Jewelry chains. 46,856; renewed Oct. 10, 1925.
Singer Manufacturing Company, The, New York, N. Y.; The Singer Mnnufacturing Company, Elizabeth, N. J. Needles for sewing by hand and by machine. 54,023; renewed June 19, 1926.
Sladek, Thomas, doing business as Ledoment Co., South Milwaukee, Wis. Healing ointment. 210,777; Mar. 23; Serial No. 222,999; published Dec. 29, 1925.
Small Grain Distilling & Drug Co., Louisville, Ky. Whisky. 210,889; Mar. 23; Serial No. 219,782; published Jan. 12, 1926.
Smith-Alsop Paint and Varnish Company, Terre Haute, Ind. Brushing lacquer. 210,704; Mar. 23; Serial No. 223,201; published Jan. 5, 1926.
Smith-McCord-Townsend Dry Goods Company, Kansas City, Mo. Sheeting, sheets, pillowcases, and pillow tubing. 210,665; Mar. 23; Serial No. 221,139; published Jan. 5, 1926.
Soltz, Joseph, Atlantic City, N. J. Ready-mixed paints and paint enamels. 210,754; Mar. 23; Serial No. 222,285; published Dec. 29, 1925.
Souder Company, Inc., The, Ardmore, Pa. Oil colors, varnish, putty, etc. 210,844; Mar. 23; Serial No. 213,200; published Dec. 29, 1925.
Southern Products Company, Monroe, La. Insecticide. 210,673; Mar. 23; Serial No. 219,091; published Dec. 29, 1925.
Staley, A. E., Manufacturing Company, Decatur, Ill. Starch. 210,670; Mar. 23; Serial No. 219,857; published Dec. 29, 1925.
Staley, A. E., Manufacturing Company, Decatur, Ill. Starch. 210,671; Mar. 23; Serial No. 219,855; published Dec. 29, 1925.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Oil compound or petroleum product. 210,694; Mar. 23; Serial No. 222,714; published Dec. 29, 1925.
Standard Oil Company, Whiting, Ind., and Chicago, Ill. Petroleum wax. 210,867; Mar. 23; Serial No. 223,749; published Jan. 5, 1926.
Standard Thread Company, New York, N. Y. Thread. 210,729; Mar. 23; Serial No. 221,926; published Jan. 5, 1926.
Standard Thread Company, New York, N. Y. Thread. 210,805; Mar. 23; Serial No. 221,929; published Jan. 5, 1926.
Standard Thread Company, New York, N. Y. Thread. 210,806; Mar. 23; Serial No. 221,932; published Jan. 5, 1926.
Standard Thread Company, New York, N. Y. Thread. 210,823; Mar. 23; Serial No. 221,922; published Jan. 5, 1926.
Steameter Co., The, Chicago, Ill. High-temperature alarm for internal-combustion engines. 210,800; Mar. 23; Serial No. 188,332; published Dec. 15, 1925.
Stern, David, Brooklyn, N. Y. Bread. 210,774; Mar. 23; Serial No. 222,885; published Jan. 5, 1926.

Stern, Morton F., New York, N. Y. Cotton fabrics in the piece. 210,680; Mar. 23; Serial No. 212,652; published Jan. 5, 1926.
Stifel, J. L., & Sons, Wheeling, W. Va. Cotton piece goods. 210,849; Mar. 23; Serial No. 215,713; published Dec. 29, 1925.
Strawberry Point Packing Company. (See Henderson, O. W.)
Sullivan Machinery Company, Boston, Mass., and Chicago, Ill. Substitutes for diamond in industrial use. 210,687; Mar. 23; Serial No. 223,555; published Jan. 5, 1926.
Sweets Company of America, Incorporated, The, New York, N. Y. Candy. 210,742; Mar. 23; Serial No. 218,583; published Jan. 5, 1926.
Syracuse Dry Goods Co.; Syracuse Dry Goods Company, Syracuse, N. Y. Coats, pants, and overalls. 52,282; renewed May 8, 1926.
Tafts Asthmalene Company, assignor to B. S. McKean, Inc., New York, N. Y. Remedy for asthma. 50,248; renewed Mar. 6 1926.
Taplet Manufacturing Company. (See Paiste, H. T., Co., assignor.)
Thomas & Company, Brooklyn, N. Y. Boots and shoes. 210,701; Mar. 23; Serial No. 223,107; published Dec. 29, 1925.
Tide Water Oil Company, Bayonne, N. J., and New York, N. Y. Lubricating grease. 210,861; Mar. 23; Serial No. 224,061; published Jan. 5, 1926.
Tidioute Refining Company, Tidioute, Pa. Gasoline, naphtha, benzine, axle greases, etc. 210,753; Mar. 23; Serial No. 222,289; published Jan. 5, 1926.
Toch Brothers, Incorporated, New York, N. Y. Cement preparations for coating metals and other surfaces. 210,825; Mar. 23; Serial No. 221,519; published Dec. 29, 1925.
Toy Vehicle Corporation, New York, N. Y. Toy carts. 210,807; Mar. 23; Serial No. 221,935; published Jan. 5, 1926.
Tusch, Ernest O., doing business as Home Malt Company, Minneapolis, Minn. Malt extract. 210,780; Mar. 23; Serial No. 223,062; published Jan. 12, 1926.
Tuttle Press Company, The, Appleton, Wis. Crêpe paper. 210,809; Mar. 23; Serial No. 218,884; published Dec. 29, 1025.
Twinplex Sales Company, St. Louis, Mo. Fountain lather or shaving brushes. 210,797; Mar. 23; Serial No. 223,946; published Jan. 12, 1926.
Twinplex Sales Company, St. Louis, Mo. Shaving cream or soap. 210,854; Mar. 23; Serial No. 223,947; published Jan. 5, 1926.
U. S. E. M. Company, New York, N. Y. System of electrical supervision of water-flow-alarm valves of pressure and gravity tanks, etc. 210,897; Mar. 23; Serial No. 220,297; published Dec. 29, 1925.
United States Graphite Company, The, Saginaw, Mich. Pulverized graphite. 54,454; renewed June 26, 1926.
Universal Willow & Reed Ware Company Incorporated, Long Island City, N. Y. Fiber woven fabric. 210,747; Mar. 23; Serial No. 216,700; published Dec. 29, 1925.
University Shop, Washington, D. C. Men's dress suits and overcoats. 210,736; Mar. 23; Serial No. 218,030; published Dec. 29, 1925.
Wall Street Financial Bureau, Inc., The, New York, N. Y. Periodical published weekly. 210,896; Mar. 23; Serial No. 220,265; published Dec. 29, 1925.
Warner, William R. & Co., Inc., New York, N. Y. Medicinal preparation used as a laxative. 210,781; Mar. 23; Serial No. 223,109; published Dec. 29, 1925.
Wells, Ephraim S.; William H. Wells and George T. Wells, Jersey City, N. J., executors and trustees. Rat, vermin, and insect destroyer. 54,051; renewed June 19, 1926.
Western Cartridge Company, East Alton, Ill. Target traps and targets. 210,699; Mar. 23; Serial No. 222,899; published Jan. 5, 1926.
White Rose Manufacturing Co., Los Angeles, Calif. Liquid clothes cleaner. 210,859; Mar. 23; Serial No. 224,063; published Jan. 5, 1926.
Whitman & Barnes Manufacturing Company, The, Akron, Ohio. Mower, binder, reaper, and header knife and sickle heads. 52,922; renewed May 22, 1926.
Whitman, Stephen F., & Son, Inc., Philadelphia, Pa. Candy. 210,836; Mar. 23; Serial No. 207,427; published Jan. 5, 1926.
Whyman, R. O., and Company, Chicago, Ill. Fruit cakes. 210,876; Mar. 23; Serial No. 223,613; published Jan. 5, 1926.
Williams, R. C., & Co., Inc., New York, N. Y. Cigars. 210,710; Mar. 23; Serial No. 223,265; published Jan. 5, 1926.
Williams, Villor P., assignor to Miriam S. F. Williams, Baltimore, Md. Automobile parking devices. 210,802; Mar. 23; Serial No. 219,565; published Dec. 15, 1925.
Wilson, Andrew, Incorporated, Springfield, N. J. Insecticides. 210,684; Mar. 23; Serial No. 199,447; published Dec. 22, 1925.
Wilson-Western Sporting Goods Company, Chicago, Ill. Basket-ball goals. 210,712; Mar. 23; Serial No. 223,351; published Jan. 5, 1926.
Wise Brothers, Washington, D. C. Milk, cream, butter, cheese, and eggs. 210,829; Mar. 23; Serial No. 221,651; published Dec. 29, 1925.
Wolf, Sidney J., San Francisco, Calif. Section of a magazine. 210,764; Mar. 23; Serial No. 201,637; published Dec. 29, 1925.
Wyman, W. H., & Son, doing business as The Bay State Nurseries, North Abington, Mass. Nursery stock. 210,813; Mar. 23; Serial No. 219,264; published Dec. 29, 1925.
Wyner, I. A., & Co., Inc., New York, N. Y. Silk and wool knitted fabric in the piece. 210,826; Mar. 23; Serial No. 221,526; published Jan. 5, 1926.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Alderman, Fairchild Co., Rochester, N. Y. Witzi Wits. For Games. 30,096; Mar. 23.
Alderman, Fairchild Co., Rochester, N. Y. Radio Game. For Games. 30,097; Mar. 23.
Alderman, Fairchild Co., Rochester, N. Y. Animal And Bird Lotto. For Games. 30,098; Mar. 23.
Alderman, Fairchild Co., Rochester, N. Y. Pirates' Gold. For Games. 30,099; Mar. 23.
American Cuban Cigar Company, Los Angeles, Calif. Imported Baled Plantations Puros Excellentes. For Cigars. 30,100; Mar. 23.
Boyd Produce Co., The, Boyd, Wis.. Boyd. For Self-Rising Pancake Flour. 30,101; Mar. 23.
Cohen, Benjamin, doing business as The Roseben Company, Detroit, Mich. Roseben. For Fur-Cleaning Compound. 30,102; Mar. 23.
Collingbourne Mills, Inc., doing business as Collingbourne's, Elgin, Ill. Collingbourne's Boil Proof 6 Strand. For Embroidery Floss. 30,103; Mar. 23.
Dometrius, Charles, Thermal, Calif. Lightning. For Polishing Cloths. 30,104; Mar. 23.
Morgan, Wm., Philadelphia, Pa. Morgan's Remedy For Eating Cancer. For a Medicinal Preparation. 30,105; Mar. 23.
Muehlhauser, William W., Quakertown, Pa. George Mason. For Cigars. 30,106; Mar. 23.
Roseben Company, The. (See Cohen, Benjamin.)
Rutherford Company, Miami, Fla., and Long Island City, N. Y. Florida Maid. For Soft-Drink Beverage. 30,107; Mar. 23.
Simpson Spring Company, Easton, Mass. Simpson Spring Pale Dry. For Ginger Ale. 30,108; Mar. 23.
Spa Health Laboratories, Inc., Cambridge Springs, Pa. Spa Am-e-no Tablets. For a Proprietary Medicine. 30,109; Mar. 23.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

B. V. D. Company, Inc., The., New York, N. Y. Made For The Best Retail Trade B. V. D. For Athletic Underwear. 8,644; Mar. 23.
B. V. D. Company, Inc., The., New York, N. Y. Made For The B. V. D. Best Retail Trade. For Athletic Underwear. 8,645; Mar. 23.
Coca-Cola Company, Atlanta, Ga. Satisfy Hunger—Quench Thirst. For Coca-Cola. 8,646; Mar. 23.
Coca-Cola Company, Atlanta, Ga. The Great American Lunch. For Coca-Cola. 8,647; Mar. 23.
Coca-Cola Company, Atlantic, Ga. 7 Million a Day. For Coca-Cola. 8,648; Mar. 23.
Coca-Cola Company, Atlanta, Ga. Ice Cold. For Coca-Cola. 8,649; Mar. 23.
Jell-O Company, Inc., The, Le Roy, N. Y. Marion Power's Japanese Jell-O. For a Dessert Preparation. 8,650; Mar. 23.
Jell-O Company, Inc., The, Le Roy, N. Y. "Linn Ball Apple Snow Jell-O". For a Dessert Preparation. 8,651; Mar. 23.
Lasalle Company, The, St. Paul, Minn. Eden Toiletries. For Toilet Articles. 8,652; Mar. 23.
Patterson-Sargent Company, The, Cleveland, Ohio. "Look Into It". For Paints and Varnishes. 8,653; Mar. 23.

Patterson-Sargent Company, The, Cleveland, Ohio. Best Paint Sold. For Paints and Varnishes. 8,654; Mar. 23.
Patterson-Sargent Company, The, Cleveland, Ohio. There Is a B P S Finish For Every Purpose. For Paint, Enamel Stain, and Varnish. 8,655; Mar. 23.
Patterson-Sargent Company, The, Cleveland, Ohio. The B P S Demonstration. For Paints. 8,656; Mar. 23.
Patterson-Sargent Company, The, Cleveland, Ohio. B P S Mottled or Stripped Finishes. For Flat Wall Finish. 8,657; Mar. 23.
Patterson-Sargent Company, The, Cleveland, Ohio, B P S Plain Wall Finishes. For Flat Wall Finish. 8,658; Mar. 23.
Patterson-Sargent Company, The, Cleveland, Ohio. B P S Porch Floor and Deck Paint. For Paints. 8,659; Mar. 23.
Patterson-Sargent Company, The, Cleveland, Ohio. B P S Interior Floor Paint. For Paints. 8,660; Mar. 23.
Patterson-Sargent Company, The, Cleveland, Ohio. Paints and Varnishes. For Paints and Varnishes. 8,661; Mar. 23.
Spa Health Laboratories, Inc., Cambridge Springs, Pa. Spa Am-e-no Tablets. For a Proprietary Medicine. 8,662; Mar. 23.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Ackermann, Steffan & Co., Chicago, Ill. Jeweler's saws, jig saws, fret saws, etc. 221,225; Mar. 23.
American Acoustic Corporation, New York, N. Y. Electrical devices for assisting the hearing. 226,121; Mar. 23.
American Arlesheim Laboratories, Inc., New York, N. Y. Liquid used in the treatment of bronchial affections. 227,101; Mar. 23.
American Carbonic Machinery Co., Wisconsin Rapids, Wis. Valves for ice machines or refrigeration compressors. 222,556; Mar. 23.
American Provisions Export Company, Chicago, Ill. Lard and meats. 224,371; Mar. 23.
American Silver Company, The, Bristol, Conn. Spoons, forks, knives, and ladles. 225,691; Mar. 23.
Art Importing Co. (See Gilbert, Gustave.)
Artpho Company, Pittsburgh, Pa. Sensitized photographic printing paper. 223,680; Mar. 23.
Associated Pennsylvania Constructors, Harrisburg, Pa. Monthly magazine. 224,068; Mar. 23.
Associated Physicians Laboratories, San Francisco, Calif. Tablets to be used in the treatment of acid stomach, indigestion, etc. 223,882; Mar. 23.
Associated Physicians Laboratories, San Francisco, Calif. Alkaline powder to be used in the treatment of catarrhal conditions of the vaginal mucous membrane. 223,883; Mar. 23.
Atlantic Orchard Corporation, Montezuma, Ga., and New York, N. Y. Fresh peaches. 218,282; Mar. 23.
Avri Drug & Chemical Company, Jersey City, N. J. Drugs, chemicals, essential oils, etc. 225,296; Mar. 23.
Bacigalupo, John L., doing business as Ginocchio & Co., Chicago, Ill. Sauce for use on macaroni, spaghetti, and rice. 219,162; Mar. 23.
Bakelite Corporation, New York, N. Y. Safe combination knobs. 221,587; Mar. 23.
Balstone Cooke and Company (1924) Limited, Manchester, England. Piece goods. 225,638; Mar. 23.
Banzo-Gas Motor Fuel Company, Kansas City, Mo. Gasoline. 227,216; Mar. 23.
Bastian-Blessing Company, The, Chicago, Ill. Self-contained fire extinguishers. 224,648; Mar. 23.
Bausch and Lomb Optical Company, Rochester, N. Y. Ophthalmic mountings and parts thereof. 227,103; Mar. 23.
Bayerson Oil Works, Erie, Pa. Emulsive oil. 218,684; Mar. 23.
Berne Manufacturing Company, Berne, Ind. Textile and knit underwear, gloves, vests, caps, etc. 224,894; Mar. 23.
Biedermann Brothers, Inc., Chicago, Ill. Monthly publication. 226,627; Mar. 23.
Binney & Smith Company, New York, N. Y. Black pigments for rubber, paint, ink, etc. 226,710; Mar. 23.
Bischoff, Ernst, Co. Inc., New York, N. Y. Therapeutic agent for hypodermic injections for the treatment of arthritis, pyelitis, etc. 226,938; Mar. 23.
Blades, Geo., New York, N. Y. Hairdressing. 219,268; Mar. 23.
Blancard & Co., Inc., Newark, N. J. Wedding rings. 225,993; Mar. 23.
Blancard & Co., Inc., Newark, N. J. Finger rings. 225,994; Mar. 23.
Boardman, William, & Sons Co., The, Hartford, Conn. Tea. 222,436; Mar. 23.
Borgfeldt, Geo., & Co., New York, N. Y. Castile soap. 227,161; Mar. 23.
Brigham, Frederick L., New York, N. Y. Elastic-webbing textile fabrics, piece goods. 226,125; Mar. 23.
Brokaw Brothers, New York, N. Y. Shirts, suits, neckties, mufflers, etc. 221,476; Mar. 23.
Brooks Company, The, Cleveland, Ohio. Record equipment in loose-leaf form. 226,939; Mar. 23.
Brooks Tent & Awning Company, The, Denver, Colo. Tent cloth. 208,564; Mar. 23.
Brownlee, Roy H., doing business as Old Faithful Company, Pittsburgh, Pa. Collapsible-tube squirt guns containing a fire-extinguishing chemical. 224,177; Mar. 23.
Brunswick-Balke-Collender Company, The, Chicago, Ill. Sound records for phonographs and other machines. 224,497; Mar. 23.
Bullard, C. J., Marshall, Tex. Medicinal preparation to be used as a tonic for bad blood, kidney and liver troubles, etc. 226,940; Mar. 23.
Burkhardt, Henry, Packing Co., The, Dayton, Ohio. Ham and bacon. 224,319; Mar. 23.
California Health Food Co., Los Angeles, Calif. Coffee substitute. 209,119; Mar. 23.
Callahan, Francis H., doing business as Melrose Mfg. Co., New Haven, Conn. Face powders, creams, and packs, rouges, hair oils, etc. 227,108; Mar. 23.
Capitol Insecticide Co., The. (See Chamblin, Jones M.)
Carillon Parfumerie. (See Peterson, Carl J.)
Carson Pirie Scott & Co., Chicago, Ill. Pearls and pearl necklaces. 201,881; Mar. 23.
Casmith Remedy Company, doing business as Washington Belle Toilet Co., Washington, D. C. Hair-straightening preparation, skin bleach, etc. 226,762; Mar. 23.
Chamblin, Jones M., doing business as The Capitol Insecticide Co., Jackson, Miss. Insecticides. 227,110; Mar. 23.
Chesebrough Manufacturing Co. (Consolidated), New York, N. Y. Pomade. 226,713; Mar. 23.
Chester, Delilah H., New York, N. Y. Toilet powders, facial creams, skin tonics, perfumes, etc. 207,067; Mar. 23.
Chicago Mirror & Art Glass Co., Chicago, Ill. Mirrors. 226,631; Mar. 23.
Clarke Chemical Company, The, Wickliffe, Ohio. Liquid disinfectant. 227,111; Mar. 23.
Coffee Maid Corporation, The, Louisville, Ky. Device for making coffee. 226,231; Mar. 23.
Cohen, Hymen, doing business as Manhattan Woolen Mills, Duluth, Minn. Knitted sweaters, mackinaw coats, shirts, hose, etc. 227,165; Mar. 23.
Cohn, Leon, doing business as Parfumerie Forest, Paris, France. Perfume, face and talcum powder, rouge, etc. 227,166; Mar. 23.
Cohn, Morris, doing business as Crysal Chemical Co., Newark, N. J. Soap. 226,764; Mar. 23.
Colgate & Company, Jersey City, N. J. Soap. 222,314; Mar. 23.
Colgate & Company, Jersey City, N. J. Antifreeze compound. 227,060; Mar. 23.
Columbia Ribbon & Carbon Manufacturing Company, Inc., New York, N. Y. Carbon paper. 221,807; Mar. 23.
Colvin and Mahood Company, Pittsburgh, Pa. Coffee. 227,061; Mar. 23.
Commander Mill Company, Minneapolis, Minn. Semolinas, durum feed, durum flour, rye feed, etc. 224,956; Mar. 23.
Commercial Jobbing Company, Dubuque, Iowa. Wheat flour. 223,082; Mar. 23.
Crown Water Company, The. (See Schachter, Martin.)
Crystal Candy Company, Winston-Salem, N. C. Candy. 226,886; Mar. 23.
Crystal Chemical Co. (See Cohn, Morris.)
Cunningham, Edw. P., Inc., New York, N. Y. Men's felt hats. 224,503; Mar. 23.
Cyclone Fence Company, Waukegan, Ill. Wire baskets. 226,335; Mar. 23.
Daeppen, Fred, Lausanne, Switzerland. General medicinal tonic. 224,905; Mar. 23.
Daisy Products Company. (See Young, Joseph A.)
Dallas Manufacturing Co., The, Huntsville, Ala. Cotton piece goods. 211,986; Mar. 23.
Davis, L. H., & Company, Fresno, Calif. Dried raisins and figs. 216,714; Mar. 23.
Dean, William P., Eldon, James Lane, Burgess Hill, Sussex, England. Device for practicing putting for the game of golf. 216,669; Mar. 23.
De-Angeli-Frua, Societa Per L'Industria Del Tessuti Stampati, Milan, Italy. Artificial-silk piece goods, cotton piece goods, and piece goods composed of admixtures of artificial silk with cotton, wool, or natural silk. 227,064; Mar. 23.
Detroit Candy Company, Detroit, Mich. Candy. 221,809; Mar. 23.
Deutsche Gasglublicht-Auer-Gesellschaft mit Beschrankter Haftung, Berlin, Germany. Electric household appliances. 206,281; Mar. 23.

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Dill Company, The, Norristown, Pa. Shaving soap, cream, and shaving sticks. 226,261; Mar. 23.
Diversey Manufacturing Company, Chicago, Ill. Cleanser for cleaning receptacles and containers. 226,889; Mar. 23.
Doerr Manufacturing Company, Grand Rapids, Mich. Base-metal receptacles for attachment to the inside of automobiles. 199,611; Mar. 23.
Downing Taylor Company, Springfield, Mass. Preserved citron, canned vegetables, fish, and fruit. 219,950; Mar. 23.
Dufek, Joseph, doing business as Lager Malt Extract Company, Chicago, Ill. Malt extract. 213,013; Mar. 23.
Dupont de Nemours, E. I., and Company, Wilmington, Del. Pyroxylin enamels. 225,777; Mar. 23.
Durand-McNeil-Horner Co., Chicago, Ill. Grapefruit, marinated herring, Brussels sprouts, etc. 191,820; Mar. 23.
E. Z. Walk Arch Corporation, The, New York, N. Y. Supports for arches and other parts of the feet and inner supporting soles. 208,883–7; Mar. 23.
Eclipse Products Company. (See Talbot, William P.)
Economy Tire Co., Oklahoma City, Okla. Portable tube repair kits and fan belts. 223,902; Mar. 23.
Edstrom-Wetmore-Henderson Corp., Warren, Pa. Shade rollers. 212,487; Mar. 23.
Egyptian Lacquer Manufacturing Company, The, New York, N. Y. Lacquers, lacquer enamels, and lacquer thinners. 226,233–6; Mar. 23.
Empire Plow Company, The, Cleveland, Ohio. Plows, cultivators, harrows, etc. 207,977; Mar. 23.
Engstrom, Ernest W., doing business as Kent Hatchery, Kent, Wash. Baby chicks. 224,133; Mar. 23.
Enterprise Manufacturing Company, The, Akron, Ohio. Sinkers for fishing lines. 226,348; Mar. 23.
Experimenter Publishing Company, Inc., New York, N. Y. Annual publication. 225,404; Mar. 23.
Fallis Inc., doing business as Wendy Parfumerie, Cincinnati, Ohio. Perfume. 227,005; Mar. 23.
Fallis Inc., doing business as Wendy Parfumerie, Cincinnati, Ohio. Perfumes, toilet water, powder, etc. 227,006; Mar. 23.
Fidelity Hop & Malt Company, Chicago, Ill. Malt sirup for food purposes. 225,878–9; Mar. 23.
Film Booking Offices of America, Inc., New York, N. Y. Motion-picture films. 226,952; Mar. 23.
Filthuth, A., San Francisco, Calif. Coffee. 227,008; Mar. 23.
Finck, W. M., and Company, Detroit, Mich. Work garments. 224,084; Mar. 23.
Findlay Coffee, Tea and Spice Co. (See Tinsman, Martin A.)
Fischer Soap and Oil Company, The, Cincinnati, Ohio. Soap. 226,544–5; Mar. 23.
Four Roses Products Company, Cincinnati, Ohio. Malt sirup for beverage purposes. 225,956; Mar. 23.
Franklin Simon & Co., Inc., New York, N. Y. Men's and boys' house coats, waistcoats, smoking jackets, etc. 226,010; Mar. 23.
Fraser, Mabel G., doing business as Goodwin Sisters, New York, N. Y. Skin lotion. 226,851; Mar. 23.
French Battery & Carbon Company, Madison, Wis. Dry batteries. 206,952; Mar. 23.
Freshie Co. Inc., The, New York, N. Y. Cleansing-cream paper. 227,801; Mar. 23.
Galef, Jacques L., New York, N. Y. Revolvers and shotguns. 218,912; Mar. 23.
General Brokers. (See Kumler, A. James.)
General Machine Works, Houston, Tex. Flame arresters, gauge hatches, breathing valves, etc. 223,088; Mar. 23.
General X-Ray Company, Boston, Mass. X-ray, physiotherapy, and electromedical apparatus. 226,648; Mar. 23.
Gibson Refrigerator Company, Greenville, Mich. Refrigerators. 226,722; Mar. 23.
Giesen, Paul, doing business as Giesen Forathoff, Solingen, Germany. Pocketknives, scissors, razors, etc. 221,224; Mar. 23.
Gilbert, Gustave, doing business as Art Importing Co. Artists' ready-mixed colors ground in oil. 220,186–7; Mar. 23.
Gilman Fanfold Corporation, Limited, Toronto, Ontario, Canada, and Niagara Falls, N. Y. Aligning machines. 225,301; Mar. 23.
Ginocchio & Co. (See Bacigalupo, John L.)
Goodrich, Herbert F., doing business as Goodrich Drug Co., Anoka, Minn. Liniment. 225,708; Mar. 23.
Goodwin Sisters. (See Fraser, Mabel G.)
Grennan Bakeries Inc., Detroit, Mich. Cakes, fried cakes, and cookies. 226,054; Mar. 23.
Grover's, J. J., Sons Company, Lynn, Mass. Women's, misses', and children's shoes. 224,967; Mar. 23.
Guillard, Felix, Paris, France. Imitation pearls. 222,455; Mar. 23.
Haas Brothers Fabrics Corporation, New York, N. Y. Piece goods made of silk, wool, and cotton. 227,174; Mar. 23.
Hadfield-Penfield Steel Company, Bucyrus, Ohio. Road graders. 220,230; Mar. 23.
Hardman, Peck & Co., New York, N. Y. Radio receiving and transmitting sets and parts thereof. 212,784; Mar. 23.
Hardwick & Magee Company, Philadelphia, Pa. Textile rugs. 226,807; Mar. 23.
Harnit & Hewitt Co., The, Toledo, Ohio. Coffee. 226,957; Mar. 23.
Harris, Frank E., Co. Inc., Binghamton, N. Y. Food-flavoring extracts. 224,390; Mar. 23.
Harris, Frank E., Co. Inc., Binghamton, N. Y. Food-flavoring extracts. 224,394-5; Mar. 23.
Hart, E. J., & Co., Ltd., New Orleans, La. Tonic. 226,651; Mar. 23.
Hartlove Candy Company, The, Ashland, Ky. Candy. 227,015; Mar. 23.
Haskell Silk Co., The, Westbrook, Me. Silk and rayon mixed goods in the piece. 226,587; Mar. 23.
Hausmann, A.-G. Schweiz. Medizinal & Sanitats-Gerschaft St. Gallen, St. Gallen, Switzerland. Preparation for combating hypogalactia. 223,033; Mar. 23.
Hawkes, T. G., & Co., Corning, N. Y. Cut glass and engraved glass. 226,723; Mar. 23.
Hearn, James A., & Son, Inc., New York, N. Y. Infants' wear. 208,589–90; Mar. 23.
Hearn, Perry W., doing business as United Advertising Agency, Fort Wayne, Ind. Books for accounting. 224,507; Mar. 23.
Henderson, Louis S. Frankford, Philadelphia, Pa. Chenille rugs. 224,408; Mar. 23.
Henney's Original Fruit Cup Co., The, New Haven, Conn. Beverages and sirups, extracts, and flavors used in the preparation of same. 224,913; Mar. 23.
Hermetite Corporation, New York, N. Y. Paper rendered moisture and air proof. 222,239; Mar. 23.
Hirsch, Walter J., Company, Chicago, Ill. Candy bars and candy. 226,903; Mar. 23.
Holden-Leonard Co., New York, N. Y. Worsted and woolen textile fabrics. 223,238; Mar. 23.
Hoover Company, The, North Canton, Ohio. Publication. 213,646; Mar. 23.
Horstmann, Wm. H., Company, Philadelphia, Pa. Stamped goods of cotton, wool, silk, etc. 209,293; Mar. 23.
Huber, John F., Racine, Wis. Corn, bunion, and callus remedy. 224,971; Mar. 23.
Hurwitz, Louis, Philadelphia, Pa. Picture post cards. 208,100; Mar. 23.
Independent Oil and Gas Company, Tulsa, Okla. Gasoline, kerosene, and othe liquid motor fuel. 225,514; Mar. 23.
Independent Oil and Gas Company, Tulsa, Okla. Axle greases, gear greases, and lubricating grases, etc. 225,515; Mar. 23.
Inderrieden Canning Co., Chicago, Ill. Dried fruits. 216,395; Mar. 23.
Jamieson, Lewis C., doing business as Viking Oil Company, Warren, Pa. Oils and greases. 224,563; Mar. 23.
Jantzen Knitting Mills, Portland, Oreg. Swimming suits, knitted sweater coats, gloves, etc. 225,959; Mar. 23.
Jay-Bee Chemical Co., (See Kirchhoff, Frank L.)
Jones, R. E., doing business as Dr. R. E. Jones Baking Powder Co., St. Louis, Mo. Baking powder. 226,773; Mar. 23.
Junge Banking Company, Joplin, Mo. Cakes and crackers. 225,927; Mar. 23.
Keras Electric Company, Chicago, Ill. Electrical transformers for radio use. 216,607; Mar. 23.
Kent Hatchery. (See Engstrom, Ernest W.)
Kerr & Mayor, New York, N. Y. Shoes. 222,615; Mar. 23.
King Milling Co., Lowell, Mich. Eggs, mash, chick feed, growing feed, etc. 224,518; Mar. 23.
Kirchhoff, Frank L., doing business as Jay-Bee Chemical Co., New York, N. Y. Preparation for the removal of corns and calli. 227,077; Mar. 23.
Korrex, Los Angeles, Calif. Disinfectants. 227,179; Mar. 23.
Kumler, A. James, doing business as General Brokers, Detroit, Mich. Medicine for reducing superfluous fat. 224,768; Mar. 23.
Lager Malt Extract Company. (See Dufek, Joseph.)
Lakeview Fruit Co., Union City, N. J., and Lakeview, N. C. Fresh and canned fruits. 216,550; Mar. 23.
La Salle Company, The, St. Paul, Minn. Perfumes, toilet waters, hair tonic, etc. 226,433–4; Mar. 23.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Mixed feeds, middlings, bran, and ground screenings. 226,292; Mar. 23.
Le Bron, Frank, New York, N. Y. Bracelets, bib holders, necklaces, etc. 209,997; Mar. 23.
Lehman Bros., Inc., Jersey City, N. J. Paint, paint enamels, and varnishes, etc. 219,897; Mar. 23.
Letendre, Thaddee E., New York, N. Y. Daily publication containing racing selections, etc. 217,790; Mar. 23.
Levine Brothers, New York, N. Y. Men's straw hats, caps, and felt hats. 217,102; Mar. 23.
Levy, Maurice, New York, N. Y. Powder puffs. 225,886; Mar. 23.

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Liberty Battery Company, Chicago, Ill. Storage batteries. 218,492–3; Mar. 23.
Liberty Garment Company, Kansas City, Mo. Aprons and dresses. 225,961; Mar. 23.
Linen Thread Co., The, New York, N. Y. Twine, rope yarn, and roving made of cotton, jute, hemp, or flax. 198,652; Mar. 23.
Lipoidal Laboratories, Inc., New York, N. Y. Preparation for the treatment of gonorrhea. 227,128; Mar. 23.
Lisk Manuf'g. Co. Limited, Canandaigua, N. Y. Washboilers and washtubs. 225,270; Mar. 23.
Luling, F. Wilhelm, Volmarstein-on-the-Ruhr, Germany. Padlocks, door and furniture locks, latches, and bolts for the same. 216,276; Mar. 23.
Luxite Silk Products Company, Milwaukee, Wis. Ladies' and misses' bloomers worn as undergarments. 227,130; Mar. 23.
Macbeth-Evans Glass Company, Pittsburgh, Pa. Lamp glasses and globes. 223,129; Mar. 23.
Mangel, James, doing business as White Cross Salve Co., San Diego, Calif. Healing salve and ointment. 226,067; Mar. 23.
Manhattan Woolen Mills. (See Coben, Hymen.)
Marechal, Ruchon & Co., Limited, London, England. Tobacco pipes, cigar and cigarette holders. 227,361; Mar. 23.
Mathieu, Grace E., New York, N. Y. Glass globes for lighting fixtures. 222,625; Mar. 23.
McCrery Creamery Company, The, Urbana, Ohio. Cheese. 225,311; Mar. 23.
Melrose Mfg. Co. (See Callahan, Francis H.)
Missouri Butterine Co. (See St. Louis Independent Packing Company.)
Mistletoe Creameries, Fort Worth, Tex. Butter. 194,729; Mar. 23.
Mitchel Oil Company of New Jersey, Kearney, N. J. Internal-combustion-engine fuels. 226,204; Mar. 23.
Morning Telegraph Company, New York, N. Y. Column of news in a newspaper. 222,271; Mar. 23.
Morse, Alva, Washington, D. C. Pickles. 226,119; Mar. 23.
Mulford, H. K., Company, Philadelphia, Pa. Compressed tablets. 226,780; Mar. 23.
Murphy, Thomas C., Green Bay, Wis. Women's clothing. 225,314; Mar. 23.
Napier Co., The, New York, N. Y. Bracelets, vanity cases, and mesh bags, etc., all made wholly or in part of precious metals. 223,318; Mar. 23.
Nazeley, Jean, doing business as J. Nazeley Co., New York, N. Y. Antenna loops radio receiving sets, fixed and variable condensers, etc. 204,416; Mar. 23.
Nestle Lanoil Co. Ltd., New York, N. Y. Preparations adapted and intended for use in waving or curling hair. 227,245; Mar. 23.
Nitrate Agencies Company, New York, N. Y. Fertilizer. 223,184; Mar. 23.
No-Chap Company, Cisco, Tex. Washing powder. 227,277; Mar. 23.
Northern Engineering Works, Detroit, Mich. Cranes and hoists. 225,799; Mar. 23.
Northern Paper Mills, Green Bay, Wis. Toilet paper. 225,029; Mar. 23.
Old Faithful Company. (See Brownlee, Roy H.)
Oregon Kelp-Ore Products Company, The, Cloverdale, Oreg. Medicine and pharmacentical preparation. 222,789; Mar. 23.
Oshkosh Trunk Company, The, Oshkosh, Wis. Trunks and hand luggage. 225,673; Mar. 23.
Otis Company, Ware and Three Rivers, Mass. Knitted underwear for women and children. 224,986; Mar. 23.
Oxzyn Company, New York, N. Y. Powder puffs. 226,156; Mar. 23.
Pabst Corporation, Milwaukee, Wis. Food product similar to cheese. 225,237; Mar. 23.
Pacific Wire Rope Co., Los Angeles, Calif. Wire rope, cable guy strand. 226,074; Mar. 23.
Panelyte Board Company, The, Trenton, N. J. Electrical insulation boards, panel blocks, etc. 189,987; Mar. 23.
Pardoe, J. A., doing business as J. A. Pardoe Company, Omaha, Nebr. Ice cream. 212,634; Mar. 23.
Parfumerie Forest. (See Cohn, Leon.)
Perkins, Stuart, North Kansas City, Mo. Insecticide spray. 221,564; Mar. 23.
Perky Scott H., Batavia, N. Y. Doorstops. 225,966; Mar. 23.
Perolin Company of America, The, Chicago, Ill. Fine cleaners. 224,619; Mar. 23.
Peterson, Carl J., doing business as Carillon Parfumerie, San Francisco, Calif. Perfumes, toilet waters, face powders, etc. 222,995; Mar. 23.
Pfausteihl Radio Service Company, Highland Park, Ill. Radioamplifiers, radiosilencers, etc. 202,221; Mar. 23.
Philman Coat Co., New York, N. Y. Outer coats. 227,085; Mar. 23.
Pioneer Instrument Company, Brooklyn, N. Y. Aircraft speed and distance indicators, electric compasses, telemetric apparatus, etc. 223,599; Mar. 23.
Pittsburgh Plate Glass Company, Rennous-Kleinle Division, Baltimore, Md. Artists' calcimine, counter dusters, fitch, etc. 225,969; Mar. 23.
Polly Portable Phonograph Co., Inc., The, New York, N. Y. Phonographs and parts thereof. 219,685; Mar. 23.
Polly Portable Phonograph Co., Inc., The, New York, N. Y. Phonographs and parts thereof. 219,689; Mar. 23.
Polymet Manufacturing Corporation, New York, N. Y. Plugs for radio apparatus. 215,021; Mar. 23.
Potts, Horace T., & Co., Philadelphia, Pa. Bar steel. 225,973; Mar. 23.
Pulkinghorn, William R., Los Angeles, Calif. Chemical water-treating devices to be connected in water-supply pipe lines or used in connection with shower, etc. 224,359; Mar. 23.
Railroad Buyers & Sellers Service Bureau, Chicago, Ill. Directories. 190,032; Mar. 23.
Red Owl Stores, Incorporated, Minneapolis, Minn. Rubber gaskets for fruit jars and cans. 220,804; Mar. 23.
Reed Manufacturing Co., Newark, N. J. Washboilers and washtubs. 225,280; Mar. 23.
Register and Tribune Company, The, Des Moines, Iowa. Title for newspaper items. 227,137; Mar. 23.
Reisch Brewing Company, Springfield, Ill. Beer. 224,881; Mar. 23.
Reiss-Premier Pipe Co., New York, N. Y. Pipes. 225,318; Mar. 23.
Reliance Malt Products Co., Chicago, Ill. Malt extract for food purposes. 225,889; Mar. 23.
Remfa Co., Portland, Oreg. Preparation for colds, headaches, earache, etc. 226,163; Mar. 23.
Rice's, Bernard, Sons, Inc., New York, N. Y. Silver hollow ware. 226,223; Mar. 23.
Rinshed-Mason Co., Detroit, Mich. Varnish products. 225,978; Mar. 23.
Robertson Bleachery & Dye Works, Inc., The, New Milford, Conn. Artificial-silk striped broadcloth in the piece and colored-yarn broadcloth in the piece. 226,304; Mar. 23.
Ronald Press Company, The, New York, N. Y. Monthly magazine. 226,603; Mar. 23.
Ryan, John M., doing business as Ryan-Metallic Ribbon Packing Co., Chicago, Ill. Metallic machinery packing for packing the joints about packing rods in valve glands, etc. 219,914; Mar. 23.
St. Louis Independent Packing Company, doing business as Missouri Butterine Co., St. Louis, Mo. Oleomargarine. 226,171–2; Mar. 23.
Sanitary Potato Chip Company, The, Washington, D. C. Potato chips. 202,519; Mar. 23.
Saunders, Clarence, Corporation, Memphis, Tenn. Bread. 225,943; Mar. 23.
Schachter, Martin, doing business as The Crown Water Company, Bridgeport, Conn. Disinfectant and stain-removing compound. 222,523; Mar. 23.
Schmidt, Max, doing business as Peter Ludwig Schmidt, Elberfeld, Germany. Cutlery and tools. 221,336; Mar. 23.
Scott Logan Milling Co., Sheldon, Iowa. Wheat flour. 224,784; Mar. 23.
Sena, Gabriel P., Gary, Ind. Table game played with pieces. 225,288; Mar. 23.
Shu Sheen Company, The. (See Whitehead, Thomas C.)
Siege, Rothschild & Co., Baltimore, Md. Waterproof umbrellas. 227,088; Mar. 23.
Sloane-Forsberg Oil Company, Oklahoma City, Okla. Gasoline. 211,873; Mar. 23.
Smith, Louis H., doing business as Surplus Auto Supply Co., Chicago, Ill. Tires for motor vehicles. 217,305; Mar. 23.
Societe Anonyme D'Onge, Courbevois, France. Perfumes and toilet waters. 226,566; Mar. 23.
Society of the Divine Word, Techny, Ill. Flour. 222,050; Mar. 23.
Soltz, Joseph, Atlantic City, N. J. Unmixed colors, bronze powders and liquids, filler, and prepared shellac. 220,151; Mar. 23.
Speckles, J. D. and A. B., Securities Company, doing business as Western Sugar Refinery, San Francisco, Calif. Cane sugar. 216,295; Mar. 23.
Stahl, H. K., Company, St. Paul, Minn. Gasoline, kerosene, fuel oil, and distillate. 219,998; Mar. 23.
Standard Oil Company, Whiting Ind., and Chicago, Ill. Candles. 225,893; Mar. 23.
Sandard Varnish Works, New York, N. Y. Primers, surfacers or paint undercoatings, paint enamels, etc. 221,858; Mar. 23.
Standard Varnish Works, New York, N. Y. Varnishes, paint enamels, lacquers, etc. 225,580; Mar. 23.
Stanley Works, The, New Britain, Conn. Hammers, saws, bit braces, etc. 195,917; Mar. 23.
Starr Transmission Corporation, Los Angeles, Calif. Automobile transmission mechanism. 221,339; Mar. 23.
Stoltz, George C., New York, N. Y. Radio receiving sets and parts thereof. 204,528; Mar. 23.
Stover Manufacturing & Engine Co., Freeport, Ill. Mops and handles therefor. 226,214; Mar. 23.
Strauss, Joseph, Company, Inc., Buffalo, N. Y. Battery hydrometers. 225,895; Mar. 23.
Streett, J. D., & Company, St. Louis, Mo. Cylinder oil and valve oil. 226,985; Mar. 23.
Surplus Auto Supply Co. (See Smith, Louis H.)

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T. & A. Sales & Mfg. Co., Inc., Kingston, N. Y. Confection prepared from sugar, butter, nuts, etc., forming a paste for use as a spread. 221,788; Mar. 23.
Taggart Baking Company, Indianapolis, Ind. Bread and cake. 220,328; Mar. 23.
Talbot, William P., doing business as Eclipse Products Company, New York, N. Y. Fastening devices made of or plated with precious metal for protecting watches from loss and theft. 221,769; Mar. 23.
Thibodeau, A. F., Company, Inc., Detroit, Mich. Butter. 208,832; Mar. 23.
Tid Water Oil Company, Bayonne, N. J., and New York, N. Y. Gasoline, kerosene, naphtha, etc. 225,626; Mar. 23.
Tinsman, Martin A., doing business as Findlay Coffee, Tea and Spice Co., Findlay, Ohio. Coffee. 224,485; Mar. 23.
Tritch, George, Hardware Company, The, Denver, Colo. Tin plate and solder. 224,756; Mar. 23.
Trich, George, Hardware Company, The, Denver, Colo. Trout flies and leaders. 224,757; Mar. 23.
Tropic Publishing Company, Miami, Fla. Monthly magazine. 225,290; Mar. 23.
Trumbull Electric Manufacturing Company, The, Plainville, Conn. Soap holders, tumbler holders, grab rails, paper holders, etc. 224,308; Mar. 23.
Truvy, Inc., New York, N. Y. Face powders, cream, and packs, perfumes, hair tonics, etc. 225,986; Mar. 23.
Turuth Company, Oakland, Calif. Carpet-cleaning preparation. 222,354; Mar. 23.
Twining Oil Company, Twining, Mich. Gasoline. 226,793; Mar. 23.
United Advertising Agency. (See Hearn, Perry W.)
United Printing Company, Youngstown, Ohio. Weekly publication. 224,635; Mar. 23.
United States Electric Manufacturing Corporation, New York, N. Y. Electric decorative lighting outfits for Christmas trees and the like. 221,649–50; Mar. 23.
U S Manufacturing Company, West Medford, Mass. Check-stub holders for clipping together the stubs of checks in check books. 223,877; Mar. 23.
United States Stores Corporation, Orange, N. J. Canned cherries and peaches. 216,305; Mar. 23.
Van's Va-Wa-Co. (See Van Wormer, Guy A.)
Van Wormer, Guy A., doing business as Van's Va-Wa-Co., Frankfort, Mich. Preparation to prevent steaming and frosting of glass. 226,315; Mar. 23.
Videtta, John, Weehawken, N. J. Kitchen cabinets, household tables, etc. 225,333; Mar. 23.
Viking Oil Company. (See Jamieson, Lewis C.)
Vitalac Corporation, The, Detroit, Mich. Coagulators for the manufacture of cheese and buttermilk, and cheese. 224,221; Mar. 23.
Walker, Dailey J., doing business as Walker Remedy Company, Waterloo, Iowa. Foot powder for human use. 227,283; Mar. 23.
Walker, Dailey J., doing business as Walker Remedy Company, Waterloo, Iowa. Tonic for poultry to encourage egg production. 227,284; Mar. 23.
Walker, Dailey J., doing business as Walker Remedy Company, Waterloo, Iowa. Lice powder. 227,285; Mar. 23.
Walker, Robert G., St. Louis, Mo. Monthly publication. 225,497; Mar. 23.
Wardrop Co., Inc., The, New York, N. Y. Bread. 208,934; Mar. 23.
Wardrop Co., Inc., The, New York, N. Y. Bread. 208,936; Mar. 23.
Wardrop Co., Inc., The, New York, N. Y. Bread. 208,939; Mar. 23.
Warner Hardware Specialty Co., Kansas City, Mo. Screen hanger sets. 226,180; Mar. 23.
Washington Belle Toilet Co. (See Casmith Remedy Company.)
Waterman, Harry S., Los Angeles, Calif. Expanding mandrels and reamers. 209,671; Mar. 23.
Wendy Parfumerie. (See Fallis Inc.)
Western Stories Publishing Corporation, New York, N. Y. Quarterly magazine. 225,388; Mar. 23.
Western Stories Publishing Corporation, New York, N. Y. Monthly magazine. 225,389; Mar. 23.
Western Sugar Refinery. (See Spreckles, J. D., and A. B., Securities Company.)
White Cross Salve Co. (See Mangel, James.)
White Mule, Inc., Carbondale, Ill. Liquid stop leak, dry stop leak, a compound for automobile radiators. 227,208; Mar. 23.
Whitehead, Thomas C., doing business as The Shu Sheen Company, Detroit, Mich. Shoe-blacking polish. 215,194; Mar. 23.
Whiting, John L.-J. J. Adams Company, Boston, Mass. Brushes. 226,394; Mar. 23.
Whiting, John L.-J. J. Adams Company, Boston, Mass. Brushes. 226,397–9. Mar. 23.
Whiting, John L.-J. J. Adams Company, Boston, Mass. Brushes. 226,406; Mar. 23.
Wiedeke, Gustav, Co., Dayton, Ohio. Tube and flue expanders, tube and flue cutters, etc. 216,245; Mar. 23.
Williams-Hayward Company, Chicago, Ill. Lacquer, varnish, enamels, and paints. 217,489; Mar. 23.
Wollstein, Richmond, Rome, Ga. Hosiery. 226,270; Mar. 23.
Wolo A.-G. (Wolo Ltd.), Zurich, Switzerland. Pharmaceutical preparation. 210,942; Mar. 23.
Wolo A.-G. (Wolo Ltd.), Zurich, Switzerland. Products for the preparation of white-pine-needle baths. 210,945; Mar. 23.
Wolverine Brass Works, Grand Rapids, Mich. Hose clamps. 223,149; Mar. 23.
Wurlitzer, Rudolph, Company, The, Cincinnati, Ohio. Pianos, player pianos, alto clarinets, etc. 224,533; Mar. 23.
Wurm, Jacob S., New York, N. Y. Remedy for diarrhea and colic. 226,991; Mar. 23.
Wyckoff Knitting Company, The, Perry, N. Y. Underwear of balbriggan, nainsook, and rayon. 227,151; Mar. 23.
Young, Joseph A., doing business as Daisy Products Company, Bellevue, Pa. Oil composition. 225,336; Mar. 23.
Zucca's Restaurant, Inc., New York, N. Y. Noodles. 221,580; Mar. 23.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Coal. Hart Coal Corporation. 210,830; Mar. 23; Serial No. 221,661; published Dec. 29, 1926.
Fabric, Fiber woven. Universal Willow & Reed Ware Company. 210,747; Mar. 23; Serial No. 216,700; published Dec. 29, 1925.
Graphite, Pulverized. United States Graphite Company. 54,454; renewed June 26, 1926.
Leather, Harness. Haffner Bros. 54,825; renewed July 31, 1926.
Nursery stock. W. H. Wyman & Son. 210,813; Mar. 23; Serial No. 219,264; published Dec. 29, 1925.

CLASS 2.

Bags for cement and other materials. Jaite Company. 210,700; Mar. 23; Serial No. 222,984; published Jan. 5, 1926.
Baskets. San Francisco Association for the Blind. 210,674; Mar. 23; Serial No. 219,006; published Jan. 12, 1926.
Boxes, Wooden. New England Box Co. 49,133; renewed Jan. 23, 1926.
Liquefied-gas containers. Perox Company. 210,636; Mar. 23; Serial No. 223,646; published Jan. 5, 1926.
Receptacles for transportation of laboratory specimens or samples. M. Samson. 210,751; Mar. 23; Serial No. 222,582; published Jan. 5, 1926.
Trays, vanity cases, Manicure and dresser. Fuller Brush Company. 210,755; Mar. 23; Serial No. 203,306; published Jan. 12, 1926.

CLASS 4.

Cleaner, Liquid clothes. White Rose Manufacturing Co. 210,859; Mar. 23; Serial No. 224,063; published Jan. 5, 1926.
Cream or soap, Shaving. Twinplex Sales Company. 210,854; Mar. 23; Serial No. 223,947; published Jan. 5, 1926.
Diamond in industrial use, Substitute for. Sullivan Machinery Company. 210,687; Mar. 23; Serial No. 223,555; published Jan. 5, 1926.
Flint paper. Monteros & Co. 210,864; Mar. 23; Serial No. 223,796; published Jan. 5, 1926.
Metal-polishing compound. A. O. Bettes Mfg. Co. 210,744; Mar. 23; Serial No. 218,728; published Dec. 22, 1925.
Soap. N. K. Fairbank Company. 51,243; renewed Apr. 10, 1926.
Soap. N. K. Fairbank Company. 52,601; renewed May 15, 1926.
Soap. N. K. Fairbank Company. 52,603–4; renewed May 15, 1926.
Soap. N. K. Fairbank Company. 52,606–7; renewed May 15, 1926.
Soap. N. K. Fairbank Company. 52,610–12; renewed May 15, 1926.
Soap. N. K. Fairbank Company. 52,615; renewed May 15, 1926.
Soap. N. K. Fairbank Company. 52,786; renewed May 15, 1926.
Soap. N. K. Fairbank Company. 53,321–3; renewed May 29, 1926.

Soap. N. K. Fairbank Company. 53,351–2; renewed May 29, 1926.
Soap. Palmolive Company. 210,882; Mar. 23; Serial No. 221,136; published Dec. 29, 1926.
Soap, Mechanic hand. W. H. Davis. 210,810; Mar. 23; Serial No. 219,112; published Nov. 17, 1925.
Soap, Toilet. Lentheric, Inc. 210,850; Mar. 23; Serial No. 215,989; published Dec. 29, 1925.
Soaps and preparations for laundry uses. "Proka" Parfümerie- und Seifenfabriks A. G. 210,898; Mar. 23; Serial No. 220,038; published Dec. 29, 1925.

CLASS 6.

Battery compound. International Radiolite Company. 210,778; Mar. 23; Serial No. 223,036; published Dec. 29, 1925.
Beverages, Solid salts for making. J. Personeni. 51,196; renewed Apr. 10, 1926.
Cod-liver-oil preparation. B. Abbey. 210,784; Mar. 23; Serial No. 223,154; published Dec. 29, 1925.
Creams for the skin. C. Jones. 210,672; Mar. 23; Serial 219,746; published Dec. 29, 1925.
Creams, perfumes, and toilet waters, Face. C. Nielsen. 210,732; Mar. 23; Serial No. 221,374; published Dec. 29, 1925.
Disinfectants. Masury-Young Company. 210,730; Mar. 23; Serial No. 221,755; published Dec. 22, 1925.
Germicides. Rhuma-Sulphur Co. 50,531; renewed Mar. 20, 1926.
Germicides, disinfectants, and deodorisers. L. H. Guard. 210,771; Mar. 23; Serial No. 222,745; published Dec. 29, 1925.
Insecticide. Southern Products Company. 210,673; Mar. 23; Serial No. 219,091; published Dec. 29, 1925.
Insecticides. L. H. Guard. 210,772; Mar. 23; Serial No. 222,746; published Dec. 29, 1925.
Insecticides. Andrew Wilson, Incorporated. 210,684; Mar. 23; Serial No. 199,447; published Dec. 22, 1925.
Laxative. William R. Warner & Co. 210,781; Mar. 23; Serial No. 223,109; published Dec. 29, 1925.
Laxative confection. T. H. Odeneal. 210,716; Mar. 23; Serial No. 222,699; published Dec. 22, 1925.
Lotion for the head and face. Bonheur Company. 210,726; Mar. 23; Serial No. 222,106; published Dec. 29, 1925.
Medicines for the blood. S. B. Hartman. 48,196; renewed Dec. 19, 1925.
Moth killer and moth preventive, Chemical. F. A. Gardner. 210,666; Mar. 23; Serial No. 221,053; published Dec. 22, 1925.
Mouth wash, Antiseptic. J. P. Frey. 210,675; Mar. 23; Serial No. 218,810; published Dec. 22, 1925.
Nitrous oxid, ethylene ether, CO_2 ether, Dunlop vapor, etc. Ohio Chemical and Manufacturing Company. 210,721; Mar. 23; Serial No. 222,517; published Dec. 22, 1925.
Oils, Soluble. John Campbell & Co. 210,791; Mar. 23; Serial No. 223,367; published Dec. 22, 1925.
Ointment, Healing. T. Sladek. 210,777; Mar. 23; Serial No. 222,999; published Dec. 29, 1925.
Pharmaceutical preparation for the treatment of toxic conditions. A. M. C. Trust. 210,783; Mar. 23; Serial No. 223,153; published Dec. 29, 1925.
Perfume and toilet water. Chanel Inc. 210,785–7; Mar. 23; Serial Nos. 223,213–5; published Dec. 22, 1925.
Perfume, toilet water, face powder, etc. Lubin, Inc. 210,773; Mar. 23; Serial No. 222,752; published Dec. 29, 1925.
Perfumes, toilet water, face powder, bath salts, etc. S. S. Pierce Co. 210,719–20; Mar. 23; Serial Nos. 222,575–6; published Dec. 22, 1925.
Perfumes, toilet waters, face and talcum powder, and creams. La Salle Company. 210,667; Mar. 23; Serial No. 220,785; published Dec. 29, 1925.
Powder, Face. Ahlschlager & Edwards. 210,793; Mar. 23; Serial No. 223,453; published Dec. 22, 1925.
Powder, Perfumed face. Parfumerie Monpelas Steinfels Frères & Co. 210,681; Mar. 23; Serial No. 210,005; published Dec. 29, 1925.
Preparation for the treatment of asthma, hay fever, and respiratory organs. M. A. Mansfield. 210,789; Mar. 23; Serial No. 223,246; published Dec. 29, 1925.
Preparation for the treatment of kidneys, liver, urinary organs, and rheumatism. M. A. Mansfield. 210,788; Mar. 23; Serial No. 223,245; published Dec. 29, 1925.
Preservative, Metal. Adirondack Mineral Co. 210,796; Mar. 23; Serial No. 223,499; published Dec. 29, 1925.
Prophylactic, Goiter. Miller-Crane Co. 210,790; Mar. 23; Serial No. 223,247; published Dec. 29, 1925.
Prophylactic substance, Liquid. Pharmacia Gyógyszer-Vegyészeti Gyár, Gyógyárunagykereskedés. R. T. 210,682; Mar. 23; Serial No. 208,479; published Dec. 29, 1925.
Rat, vermin, and insect destroyer. E. S. Wells. 54,051; renewed June 19, 1926.
Remedy for asthma. Tafts Asthmalene Company. 50,248; renewed Mar. 6, 1926.
Remedy for corns and bunions, and foot-bath tablets. Hi-Gene Co. 210,725; Mar. 23; Serial No. 222,379; published Dec. 29, 1925.
Salve, Fistula. J. Golba. 210,731; Mar. 23; Serial No. 221,957; published Dec. 22, 1925.
Starch. A. E. Staley Manufacturing Company. 210,670; Mar. 23; Serial No. 219,857; published Dec. 29, 1925.
Starch. A. E. Staley Manufacturing Company. 210,671; Mar. 23; Serial No. 219,855; published Dec. 29, 1925.
Tablets, Cold. C. S. Lincoln. 210,678; Mar. 23; Serial No. 218,856; published Dec. 29, 1925.
Tooth paste. C. K. Reiman and W. C. Miner, trustees. 210,717; Mar. 23; Serial No. 222,026; published Dec. 29, 1925.

CLASS 9.

Cartridges. Eley Brothers Limited. 49,434; renewed Feb. 6, 1926.
Detonating caps and blasting fuses. Aetna Powder Co. 52,843; renewed May 22, 1926.
Matches. Ohio Match Company. 210,688–9; Mar. 23; Serial Nos. 223,590–1; published Jan. 5, 1926.
Matches. Ohio Match Company. 210,705; Mar. 23; Serial No. 223,597; published Jan. 5, 1926.
Matches. Ohio Match Company. 210,877–8; Mar. 23; Serial Nos. 223,593–4; published Jan. 5, 1926.

CLASS 10.

Fertilizer. C. A. Rickert. 210,822; Mar. 23; Serial No. 221,851; published Dec. 29, 1925.

CLASS 12.

Cement. Manitowoc Portland Cement Company. 210,808; Mar. 23; Serial No. 221,072; published Dec. 29, 1925.

CLASS 13.

Bathroom and kitchen accessories. J. H. Balmer Company. 210,884; Mar. 23; Serial No. 221,150; published Dec. 29, 1925.
Curtain hardware. John Kroder & Henry Reubel Co. 210,880; Mar. 23; Serial No. 220,906; published Dec. 29, 1925.
Trays. Crescent Washing Machine Company. 210,902; Mar. 23; Serial No. 220,643; published Dec. 29, 1925.

CLASS 15.

Candles. R. B. Lawrence. 210,855; Mar. 23; Serial No. 222,129; published Dec. 29, 1925.
Gasoline. Pure Oil Company. 210,711; Mar. 23; Serial No. 223,332; published Jan. 5, 1926.
Gasoline, naphtha, benzine, axle greases, etc. Tidioute Refining Company. 210,753; Mar. 23; Serial No. 222,280; published Jan. 5, 1926.
Grease, Lubricating. Tide Water Oil Company. 210,861; Mar. 23; Serial No. 224,061; published Jan. 5, 1926.
Naphtha. Magnolia Petroleum Company. 210,871; Mar. 23; Serial No. 223,649; published Jan. 5, 1926.
Oil and grease, Lubricating. Otis Oil Company. 210,702; Mar. 23; Serial No. 223,136; published Jan. 5, 1926.
Oil compound or petroleum product. Standard Oil Company. 210,694; Mar. 23; Serial No. 222,714; published Dec. 29, 1925.
Oils and greases, Lubricating. L. E. Baker. 210,831; Mar. 23; Serial No. 220,882; published Dec. 29, 1925.
Oils, Lubricating. Galena-Signal Oil Company. 49,274; renewed Jan. 30, 1920.
Oils made from petroleum. Humble Oil & Refining Company. 210,693; Mar. 23; Serial No. 222,679; published Dec. 29, 1925.
Petroleum products. W. H. Barber Company. 210,713; Mar. 23; Serial No. 223,362; published Jan. 5, 1926.
Petroleum wax. Standard Oil Company. 210,867; Mar. 23; Serial No. 223,749; published Jan. 5, 1926.
Spirits for cigar lighters. Alfred Dunhill of London Inc. 210,865; Mar. 23; Serial No. 223,774; published Jan. 5, 1926.

CLASS 16.

Caiking cement, Puttylike. Brant & Nielsen. 210,885; Mar. 23; Serial No. 221,232; published Jan. 5, 1926.
Cement preparations for coating metals and other surfaces. Toch Brothers, Incorporated. 210,825; Mar. 23; Serial No. 221,519; published Dec. 29, 1925.
Colors, Water. American Crayon Company. 210,705; Mar. 23; Serial No. 223,209; published Jan. 5, 1926.
Lacquer, Brushing. Smith-Alsop Paint and Varnish Company. 210,704; Mar. 23; Serial No. 223,201; published Jan. 5, 1926.
Lacquers, lacquer enamels, and lacquer thinners. Egyptian Lacquer Manufacturing Company. 210,862; Mar. 23; Serial No. 223,907; published Jan. 5, 1926.
Lacquers, lacquer enamels, and lacquer thinners. Egyption Lacquer Manufacturing Company. 210,863; Mar. 23; Serial No. 223,905; published Jan. 5, 1926.
Lacquers, lacquer enamels, thinners, etc. Royalin Flexible Lacquer Company. 210,898; Mar. 23; Serial No. 220,324; published Dec. 29, 1925.
Oil colors, Turkey red, lampblack, etc. Souder Company. 210,844; Mar. 23; Serial No. 213,200; published Dec. 29, 1925.
Oils, cedar spray, and wax spray, Spray and floor. Masury-Young Company. 210,818; Mar. 23; Serial No. 221,756; published Jan. 5, 1926.
Paint in paste form. Arnesto Paint Co. 210,761; Mar. 23; Serial No. 222,103; published Jan. 5, 1926.
Paint, Ready-mixed. Gilbert Spruance Company. 210,697; Mar. 23; Serial No. 222,840; published Dec. 29, 1925.
Paint, Ready-mixed. Great Lakes Varnish Works, Inc. 210,868–9; Mar. 23; Serial Nos. 223,708–9; published Jan. 5, 1926.

Paints and paint enamels, Ready-mixed. J. Soltz. 210,754; Mar. 23; Serial No. 222,285; published Dec. 29, 1925.
Paints, Ready-mixed. Peaslee-Gaulbert Co. 210,835; Mar. 23; Serial No. 206,025; published Dec. 29, 1925.
Polish, Automobile and furniture. B. Goldstein. 210,760; Mar. 23; Serial No. 222,236; published Jan. 5, 1926.
Wall finish, Washable. Detroit Graphite Company. 210,749; Mar. 23; Serial No. 222,225; published Jan. 5, 1926.

CLASS 17.

Cigars. E. C. Williams & Co. 210,710; Mar. 23; Serial No. 223,265; published Jan. 5, 1926.
Snuff. Kingdom of Italy. 210,820; Mar. 23; Serial No. 221,837; published Jan. 5, 1926.
Snuff. Kingdom of Italy. 210,821; Mar. 23; Serial No. 221,839; published Jan. 5, 1926.

CLASS 19.

Busses, trucks, and chassis therefor. International Motor Company. 210,769; Mar. 23; Serial No. 204,773; published Dec. 29, 1925.

CLASS 21.

Alarms and signal devices, Electrical. Koko Signal System Incorporated. 210,746; Mar. 23; Serial No. 218,818; published Dec. 29, 1925.
Battery cells, Hard-rubber. American Hard Rubber Co. 54,860; renewed July 31, 1926.
Circuits, Devices for connecting branch and main. H. T. Paiste Co. 52,909; renewed May 22, 1926.
Flush plates and convenience openings. Reeves Engineering Corporation. 210,858; Mar. 23; Serial No. 222,144; published Dec. 29, 1925.
Radio receiving equipment. Federal Radio Corporation. 210,899; Mar. 23; Serial No. 220,402; published Dec. 29, 1925.
Radio receiving sets. Automatic Radio Corporation of America. 210,839; Mar. 23; Serial No. 208,739; published Dec. 29, 1925.
Radio receiving sets and parts thereof. Hallock & Watson Radio Corporation. 210,740; Mar. 23; Serial No. 218,173; published Dec. 29, 1925.
Radio receiving sets and parts thereof. A. T. Hamscom. 210,842; Mar. 23; Serial No. 211,208; published Dec. 29, 1925.

CLASS 22.

Automobiles, steam shovels, etc., Miniature. A. C. Gilbert Company. 210,874; Mar. 23; Serial No. 223,635; published Jan. 5, 1926.
Basket-ball goals. Wilson-Western Sporting Goods Company. 210,712; Mar. 23; Serial No. 223,351; published Jan. 5, 1926.
Dolls. Geo. Borgfeldt & Co. 210,706; Mar. 23; Serial No. 223,211; published Jan. 5, 1926.
Fishhooks, Spells for. Enterprise Manufacturing Company. 210,683; Mar. 23; Serial No. 207,730; published Jan. 12, 1926.
Fishing reels. Enterprise Manufacturing Company. 210,875; Mar. 23; Serial No. 223,626; published Jan. 5, 1926.
Game, Parlor board. J. A. Andrews. 210,690; Mar. 23; Serial No. 223,454; published Jan. 5, 1926.
Games, Fortune-telling. J. E. Schenck. 210,724; Mar. 23; Serial No. 222,407; published Jan. 12, 1926.
Golf clubs. Crawford, McGregor and Canby Company. 210,866; Mar. 23; Serial No. 223,769; published Jan. 5, 1926.
Golf clubs, bags, balls, etc. Fortnum & Mason, Ltd. 210,832; Mar. 23; Serial No. 216,903; published Jan. 12, 1926.
Hobbyhorse, Mechanical. E. E. Boyle. 210,714; Mar. 23; Serial No. 223,263; published Jan. 5, 1926.
Puzzle. C. A. Hoos. 210,758; Mar. 23; Serial No. 222,458; published Jan. 5, 1926.
Snow, Imitation. H. E. Boehm. 210,737; Mar. 23; Serial No. 217,604; published Jan. 5, 1926.
Target traps and targets. Western Cartridge Company. 210,699; Mar. 23; Serial No. 222,899; published Jan. 5, 1926.
Toy carts. Toy Vehicle Corporation. 210,807; Mar. 23; Serial No. 221,935; published Jan. 5, 1926.

CLASS 23.

Alarm for internal-combustion engines, High-tempered. Steameter Co. 210,800; Mar. 23; Serial No. 185,332; published Dec. 15, 1925.
Automobile parking devices. V. P. Williams. 210,802; Mar. 23; Serial No. 219,565; published Dec. 15, 1925.
Axes and hatchets. Kelly Axe and Tool Company. 210,847; Mar. 23; Serial No. 215,010; published Dec. 15, 1925.
Bearings, casings for said bearings, etc., Ball and roller. Berliner Kugellager-Fabrik G. m. b. H., A. Riebe. 210,811; Mar. 23; Serial No. 219,217; published Jan. 5, 1926.
Lathes. National-Acme Manufacturing Company. 49,597; renewed Feb. 18, 1926.
Machines for making and coating confections. Newcraft Sales Company. 210,752; Mar. 23; Serial No. 222,571; published Jan. 5, 1926.
Mower, binder, reaper, and header knife and sickle heads. Whitman & Barnes Manufacturing Company. 52,922; renewed May 22, 1926.
Needles for sewing by hand and by machine. Singer Manufacturing Company. 54,023; renewed June 19, 1926.
Picks, Coal-miners'. Fulton Tool Works. 53,748; renewed June 12, 1926.
Printing machines adapted to be operated by hand, Rotary. American Multigraph Co. 48,699; renewed Jan. 9, 1926.
Printing machines, printing presses, rotary presses, etc. Emil Gerasch, G. m. b. H. 210,745; Mar. 23; Serial No. 218,750; published Dec. 15, 1925.
Printing machines, Rotary-type. American Multigraph Company. 48,529; renewed Jan. 2, 1926.
Printing machines, Web-perfecting. Goss Printing Press Company. 49,310; renewed Jan. 30, 1926.
Sweepers and cleaners and parts and attachments therefor. Scott and Fetzer Company. 210,840; Mar. 23; Serial No. 209,179; published May 12, 1925.

CLASS 26.

Electrical supervision of water-flow-alarm valves, of pressure and gravity tanks, etc., System of. U. S. E. M. Company. 210,897; Mar. 23; Serial No. 220,297; published Dec. 29, 1925.
Scale weights, gauge tubing, scale parts, etc. Chemical Treatment Company. 210,890; Mar. 23; Serial No. 219,807; published Dec. 29, 1925.
Tracer for tracing the outline of an object. C. W. Archer Shoe Co. 210,888; Mar. 23; Serial No. 208,217; published Dec. 29, 1925.

CLASS 27.

Watchcases. Dueber-Hampden Watch Company. 210,841; Mar. 23; Serial No. 209,725; published Dec. 29, 1925.
Watches. Elgin National Watch Co. 50,094; renewed Mar. 6, 1926.

CLASS 28.

Earrings. P. & A. Linton Co. 210,804; Mar. 23; Serial No. 220,856; published Dec. 29, 1925.
Jewelry chains. R. F. Simmons Company. 46,855; renewed Oct. 10, 1925.
Silver-plated flatware. Wm. A. Rogers Limited. 48,491; renewed Jan. 2, 1926.
Silver-plated flatware, etc. Wm. A. Rogers Limited. 48,587; renewed Jan. 2, 1926.

CLASS 29.

Brooms and whisk brooms. Pennsylvania Working Home for Blind Men. 210,792; Mar. 23; Serial No. 223,405; published Jan. 12, 1926.
Brushes, Fountain lather or shaving. Twinplex Sales Company. 210,797; Mar. 23; 223,946; published Jan. 12, 1926.
Vanity case and hand brushes, Pocket. M. Britz. 210,848; Mar. 23; Serial No. 215,182; published Jan. 5, 1926.

CLASS 32.

Mattresses. Colorado Bedding Co. 53,139; renewed May 29, 1926.

CLASS 34.

Radiator cupboards and closets. D. W. Day. 210,846; Mar. 23; Serial No. 214,588; published Dec. 29, 1925.

CLASS 36.

Guitars and zithers. Lyon & Healy. 54,518; renewed June 26, 1926.
Musical instruments, Certain named. Lyon & Healy. 53,390; renewed June 5, 1926.
Musical instruments, Strings for. Lyon & Healy. 51,374; renewed Apr. 17, 1926.
Pianos. A. M. McPhail Piano Co. 51,006; renewed Apr. 3, 1926.
Violins, Strings for. Lyon & Healy. 51,299; renewed Apr. 10, 1926.
Violins, Strings for. Lyon & Healy. 51,371; renewed Apr. 17, 1926.

CLASS 37.

Paper, Crêpe. Tuttle Press Company. 210,809; Mar. 23; Serial No. 218,884; published Dec. 29, 1925.
Paper, Pressboard and press. Rogers Paper Mfg. Co Inc'd. 54,629; renewed June 26, 1926.
Paper, Pressboard or press. Rogers Paper Mfg. Co. 51,330; renewed Apr. 10, 1926.
Wall papers. Baeck Wall Paper Co. 52,803; renewed May 15, 1926.

CLASS 38.

Bulletin or journal issued monthly, Converters' Association. 210,817; Mar. 23; Serial No. 221,095; published Dec. 29, 1925.
Cards, folders, and booklets, Greeting, post, and picture. Baker Brothers. 210,756; Mar. 23; Serial No. 222,300; published Dec. 29, 1925.
Magazine, Monthly. American Fruits Publishing Company. 210,883; Mar. 23; Serial No. 221,155; published Dec. 29, 1926.

Magazine published monthly. Corte Publishing Company. 210,851; Mar. 23; Serial No. 216,089; published Jan. 5, 1926.
Magazine, Section of a. S. J. Wolf. 210,764; Mar. 23; Serial No. 201,637; published Dec. 29, 1925.
Newspaper feature articles. Famous Features Syndicate, Inc. 210,738; Mar. 23; Serial No. 217,454; published Dec. 29, 1925.
Periodical published weekly. Wall Street Financial Bureau, Inc. 210,896; Mar. 23; Serial No. 220,265; published Dec. 29, 1925.

CLASS 39.

Boots and shoes. Thomas & Company. 210,701; Mar. 23; Serial No. 223,107; published Dec. 29, 1925.
Boots and shoes, rubber overshoes, canvas shoes, etc., Rubber. Hood Rubber Company. 210,804; Mar. 23; Serial No. 220,129; published Dec. 29, 1925.
Boots, shoes, and overshoes and rubber-sole canvas shoes. Rubber. Hood Rubber Company. 210,814; Mar. 23; Serial No. 219,333; published Dec. 29, 1925.
Boots, shoes, and overshoes and rubber-sole canvas shoes, Rubber. Hood Rubber Company. 210,815; Mar. 23; Serial No. 219,336; published Dec. 29, 1925.
Boots, shoes, and slippers, Leather and cloth. Hanan & Son. 50,970; renewed Apr. 3, 1926.
Boots, slippers, and shoes, Leather and cloth. Hanan & Son. 53,143; renewed May 29, 1926.
Caps, Men's. Long's Hat Stores. 210,834; Mar. 23; Serial No. 216,108; published Dec. 29, 1925.
Caps, Men's. Long's Hat Stores. 210,837; Mar. 23; Serial No. 216,109; published Dec. 29, 1925.
Coats, pants, and overalls. Syracuse Dry Goods Co. 52,282; renewed May 8, 1926.
Costumes, Ladies' and misses'. Ohrbach's Affiliated Stores Inc. 210,843; Mar. 23; Serial No. 211,423; published Dec. 29, 1925.
Dress suits and overcoats, Men's. University Shop. 210,736; Mar. 23; Serial No. 218,030; published Dec. 29, 1925.
Dresses. Louis Kraus & Sydney Shreero Inc. 210,698; Mar. 23; Serial No. 222,849; published Dec. 29, 1925.
Dresses, coats, and suits. P. Golinko. 210,703; Mar. 23; Serial No. 223,167; published Dec. 29, 1925.
Dresses, Ladies' and misses'. Bijou Dress Co. 210,691; Mar. 23; Serial No. 222,595; published Dec. 29, 1925.
Gloves and mittens. Boss Manufacturing Company. 210,819; Mar. 23; Serial No. 221,802; published Dec. 29, 1925.
Gloves, mittens, and gauntlets, Work. M. B. Hamilton & Co. 210,685; Mar. 23; Serial No. 223,512; published Dec. 29, 1925.
Hose, Golf. Berkley Knitting Company. 210,743; Mar. 23; Serial No. 218,727; published Jan. 5, 1926.
Jackets, vests, coats, and sweaters, Knitted. Grusblaw and Sichel. 210,860; Mar. 23; Serial No. 222,114; published Dec. 29, 1925.
Magazine, Monthly. New England Poultrymin Publishing Co. 210,755; Mar. 23; Serial No. 222,337; published Dec. 29, 1925.
Overcoats. J. & J. C. Dorward, Limited. 210,901; Mar. 23; Serial No. 220,598; published Dec. 29, 1925.
Rubber pants or bloomers, Babies'. Parker, Stearns & Company. 210,727; Mar. 23; Serial No. 222,044; published Dec. 15, 1925.
Shirts, Dress and negligee. Lustberg, Nast & Co. 210,852; Mar. 23; Serial No. 206,487; published Dec. 29, 1925.
Shirts, Men's negligee outing. Brownstein-Louis Company. 210,741; Mar. 23; Serial No. 218,388; published Dec. 29, 1925.
Shirts, nightgowns, and pyjamas. Brownstein-Louis Company. 210,891; Mar. 23; Serial No. 219,874; published Dec. 29, 1925.
Shoes. Haynes-Henson Shoe Company. 210,757; Mar. 23; Serial No. 222,457; published Dec. 29, 1925.
Shoes, Leather. C. W. Archer Shoe Co. 210,739; Mar. 23; Serial No. 218,153; published Dec. 29, 1925.
Shoes, Leather. J. P. Hartray Shoe Co. 49,124; renewed Jan. 23, 1926.
Topcoats and overcoats, Men's. J. Siegel. 210,759; Mar. 23; Serial No. 222,410; published Dec. 29, 1925.
Underwear, Women's. Brown & Singerman, Inc. 210,762; Mar. 23; Serial No. 222,867; published Dec. 29, 1925.

CLASS 40.

Braids and tapes. Dieckerhoff, Raffloer & Co. 51,680; renewed Apr. 24, 1926.
Buttons. Dieckerhoff, Raffloer & Co. 50,744; renewed Mar. 27, 1926.
Shields, Dress. I. B. Kleinert Rubber Company. 54,142; renewed June 19, 1926.

CLASS 42.

Cotton fabrics in the piece. M. F. Stern. 210,680; Mar. 23; Serial No. 212,652; published Jan. 5, 1926.
Cotton piece goods. Lancaster Mills. 210,857; Mar. 23; Serial No. 222,527; published Dec. 29, 1925.
Cotton piece goods. J. L. Stifel & Sons. 210,849; Mar. 23; Serial No. 215,713; published Dec. 29, 1925.
Cotton, wool, silk, and mixtures fabrics. Brownstein-Louis Company. 210,892; Mar. 23; Serial No. 219,875; published Dec. 29, 1925.
Crêpe with a satin edge, Rayon-filled cotton. Nathan & Cohen Co. 210,816; Mar. 23; Serial No. 219,444; published Dec. 29, 1925.
Ornamentation simulating beaded design on cotton, silk, artificial silk, etc. Bakelite Corporation. 210,827; Mar. 23; Serial No. 221,590; published Dec. 29, 1925.
Ornamentation simulating beaded designs on cotton, silk, etc. Bakelite Corporation. 210,748; Mar. 23; Serial No. 222,151; published Dec. 29, 1925.
Rugs and mats, Textile and grass. Manuel Feldman Company. 210,668; Mar. 23; Serial No. 220,710; published Jan. 5, 1926.
Sheeting, sheets, pillowcases, and pillow tubing. Smith-McCord-Townsend Dry Goods Company. 210,665; Mar. 23; Serial No. 221,139; published Jan. 5, 1926.
Silk and wool knitted fabric in the piece. I. A. Wyner & Co., Inc. 210,826; Mar. 23; Serial No. 221,526; published Jan. 5, 1926.
Silk textile piece goods. F. E. Donaldson. 210,888; Mar. 23; Serial No. 221,411; published Dec. 29, 1925.
Silks in the piece, Broad. Schwarzenbach, Huber Co. 210,760; Mar. 23; Serial No. 203,696; published Dec. 29, 1925.
Silks, Tie. S. J. Aronsohn, Inc. 210,798; Mar. 23; Serial No. 224,067; published Jan. 5, 1926.
Suitings and ginghams, Cotton. C. M. Guggenheimer, Inc. 210,799; Mar. 23; Serial No. 185,295; published Dec. 29, 1925.
Tapestry, pictures, or hangings woven of textile fabrics. La France Art Company. 210,853; Mar. 23; Serial No. 206,628; published Dec. 29, 1925.
Towels, terry cloths, Turkish face cloths, etc., Turkish. E. M. Hill. 210,845; Mar. 23; Serial No. 213,709; published Dec. 29, 1925.
Wool, silk, and cotton piece goods. Haas Brothers Fabrics Corporation. 210,824; Mar. 23; Serial No. 221,419; published Dec. 29, 1925.
Woolen piece goods. Kemp-Booth Company. 210,733; Mar. 23; Serial No. 221,370; published Jan. 5, 1926.
Woolen piece goods. Kemp-Booth Company. 210,734; Mar. 23; Serial No. 221,368; published Jan. 5, 1926.
Woolen piece goods. Rittenberg Bros. 210,895; Mar. 23; Serial No. 220,143; published Dec. 29, 1925.
Worsted and woolen textile fabrics. Holden-Leonard Co. 210,707-9; Mar. 23; Serial Nos. 223,239-41; published Dec. 29, 1925.

CLASS 43.

Thread. Standard Thread Company. 210,729; Mar. 23; Serial No. 221,926; published Jan. 5, 1926.
Thread. Standard Thread Company. 210,805; Mar. 23; Serial No. 221,929; published Jan. 5, 1926.
Thread. Standard Thread Company. 210,806; Mar. 23; Serial No. 221,932; published Jan. 5, 1926.
Thread. Standard Thread Company. 210,823; Mar. 23; Serial No. 221,922; published Jan. 5, 1926.
Yarn, sewing silk, silk twist, silk thread, etc., Cotton. Derwent Mills Ltd. 210,833; Mar. 23; Serial No. 217,210; published Dec. 22, 1925.

CLASS 44.

Plasters, Adhesive. Johnson & Johnson. 52,955; renewed May 22, 1926.

CLASS 45.

Beverage and sirup for compounding the same. P. Christian. 210,669; Mar. 23; Serial No. 219,878; published Jan. 12, 1926.
Beverages and sirups, extracts, and emulsions for making the same. Canadian Club Corporation. 210,881; Mar. 23; Serial No. 220,936; published Jan. 5, 1926.
Beverages, sirups and extracts for making the same, and mineral waters. Egon Braun Aktiengesellschaft. 210,856; Mar. 23; Serial No. 222,017; published Jan. 5, 1926.
Beverages sold as soft drinks. Hip-Hip Beverage Co. 210,794; Mar. 23; Serial No. 223,476; published Jan. 12, 1926.
Beverages sold as soft drinks, and water. Mt. Shasta Mineral Spring Company. 210,723; Mar. 23; Serial No. 222,473; published Jan. 12, 1926.
Recarbonated water. Mt. Shasta Mineral Spring Company. 210,722; Mar. 23; Serial No. 222,474; published Jan. 12, 1926.

CLASS 46.

Beans. Chatterton & Sons. 210,735; Mar. 23; Serial No. 221,237; published Dec. 8, 1925.
Biscuit, crackers, cakes, and wafers. National Biscuit Company. 210,692; Mar. 23; Serial No. 222,627; published Dec. 29, 1925.
Biscuits. Bickiepegs Limited. 210,696; Mar. 23; Serial No. 222,770; published Dec. 29, 1925.
Bread. D. Stern. 210,774; Mar. 23; Serial No. 222,885; published Jan. 5, 1926.
Butter. H. C. Christians Co. 54,495; renewed June 26, 1926.
Butter. H. G. Hill Stores, Inc. 210,763; Mar. 23; Serial No. 218,060; published Jan. 5, 1926.

Butter. A. W. Madsen. 210,718; Mar. 23; Serial No. 222,622; published Jan. 5, 1926.
Butter and cheese. Beatrice Creamery Company. 210,782; Mar. 23; Serial No. 223,113; published Jan. 5, 1926.
Cake mix. J. R. Lloyd. 210,779; Mar. 23; Serial No. 223,045; published Jan. 5, 1926.
Cakes, biscuits, bread, and confectionery. McVitie & Price. 25,592; renewed Dec. 4, 1924.
Cakes, Fruit. R. O. Whyman and Company. 210,876; Mar. 23; Serial No. 223,613; published Jan. 5, 1926.
Candy. Ferrara Pan Confection Co. 210,870; Mar. 23; Serial No. 223,099; published Jan. 5, 1926.
Candy. Sweets Company of America, Incorporated. 210,742; Mar. 23; Serial No. 218,583; published Jan. 5, 1926.
Candy. Stephen F. Whitman & Son, Inc. 210,836; Mar. 23; Serial No. 207,427; published Jan. 5, 1926.
Canned fruits and berries. Berry Growers Packing Co. 210,801; Mar. 23; Serial No. 199,669; published Jan. 5, 1926.
Canned fruits and vegetables. Scudders-Gale Grocer Company. 48,740; renewed Jan. 9, 1926.
Canned minced clams. O. W. Henderson. 210,677; Mar. 23; Serial No. 218,967; published Dec. 8, 1925.
Canned minced clams and canned salmon. O. W. Henderson. 210,676; Mar. 23; Serial No. 218,968; published Dec. 8, 1925.
Canned vegetables. D. Landreth Seed Company. 210,760; Mar. 23; Serial No. 222,040; published Jan. 5, 1926.
Canned white cherries, pitted red cherries, blueberries, asparagus, etc. Foley Bros. Grocery Co. 210,900; Mar. 23; Serial No. 220,514; published Dec. 29, 1925.
Cantaloupes, lettuce, and peas, Fresh. T. M. Amendola. 210,803; Mar. 23; Serial No. 220,753; published Jan. 5, 1926.
Cheese. Gerber & Co. A. G. 210,879; Mar. 23; Serial No. 222,112; published Dec. 29, 1925.
Cookies, cakes, and wafers. Paul Schulze Biscuit Co. 210,775; Mar. 23; Serial No. 222,949; published Jan. 5, 1926.
Crackers. Paul Schulze Biscuit Co. 210,776; Mar. 23; Serial No. 222,951; published Jan 5, 1926.
Crackers and biscuits. Green Green & Co. 51,028. renewed Apr. 3, 1926.
Flour, Wheat. Farmers Union Exchange. 210,767; Mar. 23; Serial No. 203,878; published Jan. 5, 1926.
Flour, Wheat. H. G. Hill Company. 210,695; Mar. 23; Serial No. 222,748; published Dec. 29, 1925.
Flour, Wheat. Kansas Flour Mills Company. 210,812; Mar. 23; Serial No. 219,245; published Dec. 29, 1925.
Flours, Wheat and self-rising. Phoenix Flour Mill. 210,770; Mar. 23; Serial No. 204,832; published Jan. 5, 1926.
Grapes, Fresh. A. Giolitti. 210,872-3; Mar. 23; Serial Nos. 223,636-7; published Jan. 5, 1926.
Jelly candies. Kibbe Brothers Company. 210,828; Mar. 23; Serial No. 221,622; published Jan. 5, 1926.
Meats, Cured. George A. Hormel & Co. 48,457; renewed Jan. 2, 1926.
Milk, cream, butter, cheese, and eggs. Wise Brothers. 210,829; Mar. 23; Serial No. 221,651; published Dec. 29, 1925.
Molasses. P. Duff & Sons. 51,440; renewed Apr. 17, 1926.
Oranges, lemons, and grapefruit. Central Lemon Association. 210,679; Mar. 23; Serial No. 216,882; published Oct. 20, 1925.
Pears and plums, Fresh. E. H. Myers. 210,715; Mar. 23; Serial No. 223,443; published Jan. 5, 1926.

CLASS 47.

Champagne or sparkling wine. American Wine Co. 52,766; renewed May 15, 1926.

CLASS 48.

Beverages made from malt. Adam Scheidt Brewing Co. 210,768; Mar. 23; Serial No. 204,725; published Jan. 5, 1926.
Hopped malt extract, malt extract, and malt sirup. Reisch Food Products Company. 210,896-7; Mar. 23; Serial Nos. 221,380-1; published Jan. 5, 1926.
Malt extract. E. O. Tusch. 210,780; Mar. 23; Serial No. 223,062; published Jan. 12, 1926.

CLASS 49.

Brandies, liqueurs, punches, etc. Egon Braun Aktiengesellschaft. 210,728; Mar. 23; Serial No. 222,019; published Jan. 12, 1926.
Whisky. Small Grain Distilling & Drug Co. 210,889; Mar. 23; Serial No. 219,782; published Jan. 12, 1926.

ALPHABETICAL LIST OF LABELS.

Animal And Bird Lotto. For Games. Alderman, Fairchild Co. 30,098; Mar. 23.
Boyd. For Self-Rising Pancake Flour. Boyd Produce Co. 30,101; Mar. 23.
Collingbourne's Boil Proof 6 Strand. For Embroidery Floss. Collingbourne Mills, Inc. 30,103; Mar. 23.
Florida Maid. For Soft-Drink Beverages. Rutherford Company. 30,107; Mar. 23.
George Mason. For Cigars. W. W. Muehlhauser. 30,106; Mar. 23.
Imported Baled Plantations Puros Excelientes. For Cigars. American Cuban Cigar Company. 30,100; Mar. 23.
Lightning. For Polishing Cloths. C. Dometrius. 30,104; Mar. 23.
Morgan's Remedy For Eating Cancer. For a Medicinal Preparation. W. Morgan. 30,105; Mar. 23.
Pirates' Gold. For Games. Alderman, Fairchild Co. 30,099; Mar. 23.
Radio Game. For Games. Alderman, Fairchild Co. 30,097; Mar. 23.
Roseben. For Fur-Cleaning Compound. B. Cohen. 30,102; Mar. 23.
Simpson Spring Pale Dry. For Ginger Ale. Simpson Spring Company. 30,108; Mar. 23.
Spa Am-e-no Tablets. For a Proprietary Medicine. Spa Health Laboratories, Inc. 30,109; Mar. 23.
Witzi Wits. For Games. Alderman, Fairchild Co. 30,096; Mar. 23.

ALPHABETICAL LIST OF PRINTS.

B P S Interior Floor Paint. For Paints. Patterson-Sargent Company. 8,660; Mar. 23.
B P S Mottled or Stippled Finishes. For Flat Wall Finish. Patterson-Sargent Company. 8,657; Mar. 23.
B P S Plain Wall Finishes. For Flat Wall Finish. Patterson-Sargent Company. 8,658; Mar. 23.
B P S Porch Floor and Deck Paint. For Paints. Patterson-Sargent Company. 8,659; Mar. 23.
Best Paint Sold. For Paints and Varnishes. Patterson-Sargent Company. 8,654; Mar. 23.
Eden Toiletries. For Toilet Articles. Lasalle Company. 8,652; Mar. 23.
Ice Cold. For Coca-Cola. Coca-Cola Company. 8,649; Mar. 23.
"Linn Ball Apple Snow Jell-O". For a Dessert Preparation. Jell-O Company. 8,651; Mar. 23.
"Look Into It". For Paints and Varnishes. Patterson-Sargent Company. 8,653; Mar. 23.
Made For The B. V. D. Best Retail Trade. For Athletic Underwear. B. V. D. Company. 8,645; Mar. 23.
Made For The Best Retail Trade B. V. D.. For Athletic Underwear. B. V. D. Underwear Company. 8,644; Mar. 23.
Marion Power's Japanese Jell-O. For a Dessert Preparation. Jell-O Company. 8,650; Mar. 23.
Paints and Varnishes. For Paints and Varnishes. Patterson-Sargent Company. 8,661; Mar. 23.
Satisfy Hunger—Quench Thirst. For Coca-Cola. Coca-Cola Company. 8,646; Mar. 23.
7 Million a Day. For Coca-Cola. Coca-Cola Company. 8,648; Mar. 23.
Spa Am-e-no Tablets. For a Proprietary Medicine. Spa Health Laboratories, Inc. 8,662; Mar. 23.
The B P S Demonstration. For Paints. Patterson-Sargent Company. 8,656; Mar. 23.
The Great American Lunch. For Coca-Cola. Coca-Cola Company. 8,647; Mar. 23.
There Is a B P S Finish For Every Purpose. For Paint, Enamel Stain, and Varnish. Patterson-Sargent Company. 8,655; Mar. 23.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 2.

Baskets, Wire. Cyclone Fence Company. 226,835; Mar. 23.
Receptacles for attachment to the inside of automobiles, Base-metal. Doerr Manufacturing Company. 199,611; Mar. 23.

CLASS 3.

Trunks and hand baggage. Oshkosh Trunk Company. 225,673; Mar. 23.

CLASS 4.

Cleaning preparation, Carpet-. Turuth Company. 222,354; Mar. 23.
Cleanser. Diversey Manufacturing Company. 226,889; Mar. 23.
Polish, Shoe-blacking. T. C. Whitehead. 215,194; Mar. 23.
Preparation to prevent steaming and frosting of glass. G. A. Van Wormer. 226,315; Mar. 23.
Soap. M. Cohn. 226,764; Mar. 23.
Soap. Colgate & Company. 222,314; Mar. 23.
Soap. Fischer Soap and Oil Company. 226,544–5; Mar. 23.
Soap, Castile. Geo. Borgfeldt & Co. 227,161; Mar. 23.
Soap, cream, and shaving sticks, Toilet. Dill Company. 226,281; Mar. 23.
Washing powder. No-Chap Company. 227,277; Mar. 23.

CLASS 6.

Alkaline powder. Associated Physicians Laboratories. 223,883; Mar. 23.
Antifreeze compound. Colgate & Company. 227,060; Mar. 23.
Baking powder. R. E. Jones. 226,773; Mar. 23.
Cleansing-cream paper. Freshie Co. Inc. 227,301; Mar. 23.
Compound for automobile radiators. White Mule, Inc. 227,208; Mar. 23.
Disinfectant and stain-removing compound. M. Schachter. 222,523; Mar. 23.
Disinfectants. Korrex. 227,179; Mar. 23.
Drugs, chemicals, essential oils, etc. Avri Drug & Chemical Company. 225,296; Mar. 23.
Hairdressing. G. Blades. 219,268; Mar. 23.
Insecticide spray. S. Perkins. 221,564; Mar. 23.
Insecticides. J. M. Chamblin. 227,110; Mar. 23.
Liniment. H. F. Goodrich. 225,708; Mar. 23.
Liquid disinfectant. Clarke Chemical Company. 227,111; Mar. 23.
Liquid used in the treatment of bronchial affections. American Arlesheim Laboratories, Inc. 227,101; Mar. 23.
Lotion, Skin. M. G. Fraser. 226,851; Mar. 23.
Medicinal preparation. C. J. Bullard. 226,940; Mar. 23.
Medicinal tonic, General. F. Daeppen. 224,905; Mar. 23.
Medicine. A. J. Kumler. 224,768; Mar. 23.
Medicine and pharmaceutical preparation. Oregon Kelp-Ore Producta Company. 222,789; Mar. 23.
Perfume. Fallis Inc. 227,005; Mar. 23.
Perfumes and toilet waters. Societe Anonyme D'Onge. 226,566; Mar. 23.
Perfumes, face and talcum powder, rouge, etc. L. Cohn. 227,166; Mar. 23.
Perfumes, toilet water, face powders, etc. C. J. Peterson. 222,995; Mar. 23.
Perfumes, toilet water, powder, etc. Fallis Inc. 227,006; Mar. 23.
Perfumes, toilet waters, hair tonic, etc. La Salle Company. 226,433–4; Mar. 23.
Pharmaceutical preparation. Wolo A.-G. (Wolo Ltd.). 210,942; Mar. 23.
Pigments for rubber, paint, ink, composition, etc. Binney & Smith Company. 226,710; Mar. 23.
Pomade. Chesebrough Manufacturing Co. (Consolidated). 226,713; Mar. 23.
Powder for human use, Foot. D. J. Walker. 227,283; Mar. 23.
Powder, Lice. D. J. Walker. 227,285; Mar. 23.
Powders, creams, and packs, perfumes, hair tonics, etc., Face. Truvy, Inc. 225,986; Mar. 23.
Powders, creams, and packs, rouges, hair oils, etc., Face. F. H. Callahan. 227,108; Mar. 23.
Powders, facial creams, skin tonics, perfumes, etc., Face. D. H. Chester. 207,067; Mar. 23.
Preparation for colds, headaches, earache, etc. Remfa Co. 226,163; Mar. 23.
Preparation for combating hypogalactia. Hausmann A.-G. Schweiz. Medizinal & Sanitats-Geschaft St. Gallen. 223,033; Mar. 23.
Preparation for the removal of corns and calli. F. L. Kirchhoff. 227,077; Mar. 23.
Preparation for the treatment of gonorrhea. Lipoidal Laboratories, Inc. 227,128; Mar. 23.
Preparation, skin bleach, face powder, and cleansing cream, Hair-straightening. Casmith Remedy Company. 226,762; Mar. 23.
Preparation used in waving or curling hair. Nestle Lanoil Co. Ltd. 227,245; Mar. 23.
Remedy, Corn, bunion, and callus. J. F. Huber. 224,971; Mar. 23.
Remedy for diarrhea and colic. J. S. Wurm. 226,991; Mar. 23.
Salve and ointment, Healing. J. Mangel. 226,067; Mar. 23.
Tablets. Associated Physicians Laboratories; 223,882; Mar. 23.
Tablets, Compressed. H. K. Mulford Company. 226,780; Mar. 23.
Therapeutic agent for hypodermic injections for the treatment of arthritis, pyelitis, etc. Ernst Bischoff Co. Inc. 222,938; Mar. 23.
Tonic for poultry. D. J. Walker. 227,284; Mar. 23.
Tonic, General. E. J. Hart & Co. Ltd. 226,551; Mar. 23.
White-pine-needle baths, Product for the preparation of. Wolo A.-G. (Wolo Ltd.). 210,945; Mar. 23.

CLASS 7.

Rope, cable guy strand, Wire. Pacific Wire Rope Co. 226,074; Mar. 23.
Twine, rope yarn, and roving made of cotton, jute, hemp, or flax. Linen Thread Co. 198,652; Mar. 23.

CLASS 8.

Pipes. Reisa-Premier Pipe Co. 225,318; Mar. 23.
Tobacco pipes, cigar and cigarette holders. Merechal, Ruchon & Co. 227,361; Mar. 23.

CLASS 9.

Revolvers and shotguns. J. L. Galef. 218,912; Mar. 23.

CLASS 10.

Fertilizer. Nitrate Agencies Company. 223,134; Mar. 23.

CLASS 11.

Carbon paper. Columbia Ribbon & Carbon Manufacturing Company, Inc. 221,807; Mar. 23.

CLASS 13.

Devices for making coffee. Coffee Maid Corporation. 226,231; Mar. 23.
Doorstops. S. H. Perky. 225,966; Mar. 23.
Flame arresters, gauge hatches, breathing valves, etc. General Machine Works. 223,088; Mar. 23.
Hose clamps. Wolverine Brass Works. 223,149; Mar. 23.
Pipe lines or used in connection with bath fixtures, Water-treating devices to be connected in water-supply. W. R. Pulkinghorn. 224,359; Mar. 23.
Screen hanger sets. Warner Hardware Specialty Co. 226,180; Mar. 23.
Soap holders, tumbler holders, grab rails, paper holders, etc. Trumbull Electric Manufacturing Company 224,308; Mar. 23.

CLASS 14.

Steel, Bar. Horace T. Potts & Co. 225,973; Mar. 23.
Tin plate and solder. George Tritch Hardware Company. 224,756; Mar. 23.

CLASS 15.

Candles. Standard Oil Company. 225,893; Mar. 23.
Fuels, Internal-combustion-engine. Mitchel Oil Company of New Jersey. 226,204; Mar. 23.
Gasoline. Benzo-Gas Motor Fuel Company. 227,216; Mar. 23.
Gasoline. Twining Oil Company. 226,793; Mar. 23.
Gasoline, kerosene, and other liquid motor fuel. Independent Oil and Gas Company. 225,514; Mar. 23.
Gasoline, kerosene, fuel oil, and distillate. H. K. Stahl Company. 219,998; Mar. 23.
Gasoline, kerosene, naphtha, etc. Tide Water Oil Company. 225,626; Mar. 23.
Greases, gear greases, and lubricating greases, etc., Axle. Independent Oil and Gas Company. 225,515; Mar. 23.
Oil and valve oil, Cylinder. J. D. Streett & Company. 226,985; Mar. 23.
Oil composition. J. A. Young. 225,336; Mar. 23.
Oil, Emulsive. Bayerson Oil Works. 218,684; Mar. 23.
Oils and greases. L. C. Jamieson. 224,563; Mar. 23.

CLASS 16.

Colors, bronze powders and liquids, filler, and prepared shellac, Unmixed. J. Soltz. 220,151; Mar. 23.
Colors ground in oil, Artists' ready-mixed. G. Gilbert. 220,186–7; Mar. 23.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Enamels, Pyroxylin. E. I. Dupont de Nemours and Company. 225,777; Mar. 23.
Gasoline. Sloane-Forsberg Oil Company. 211,873; Mar. 23.
Lacquer, varnish, enamels, and paints. Williams-Hayward Company. 217,489; Mar. 23.
Lacquers, lacquer enamels, and lacquer thinners. Egyptian Lacquer Manufacturing Company. 226,233–6; Mar. 23.
Paints, paint enamels, and varnishes, etc. Lehman Bros., Inc. 219,897; Mar. 23.
Primers, surfacers or paint undercoatings, paint enamels, etc. Standard Varnish Works. 221,858; Mar. 23.
Varnish products. Rinshed-Mason Co. 225,978; Mar. 23.
Varnishes, paint enamels, lacquers, etc. Standard Varnish Works. 225,580; Mar. 23.

CLASS 21.

Antenna loops, radio receiving sets, fixed and variable condensers, etc. J. Naseley. 204,416; Mar. 23.
Batteries, Dry. French Battery & Carbon Company. 206,852; Mar. 23.
Batteries, Storage. Liberty Battery Company. 218,492–3; Mar. 23.
Electric decorative lighting outfits for Christmas trees and the like. United States Electric Manufacturing Corporation. 221,649–50; Mar. 23.
Electric household appliances. Deutsche Gasgluhlicht-Auer-Gesellschaft mit beschrankter Haftung. 206,281; Mar. 23.
Insulation boards, panels, blocks, etc., Electrical. Panelyte Board Company. 189,987; Mar. 23.
Radioamplifiers, radiosilencers, etc. Pfanstiehl Radio Service Company. 202,221; Mar. 23.
Radio apparatus, Plugs for. Polymet Manufacturing Corporation. 215,021; Mar. 23.
Radio receiving and transmitting sets and parts thereof. Hardman, Peck & Co. 212,734; Mar. 23.
Radio receiving sets and parts thereof. G. C. Stoltz. 204,528; Mar. 23.
Radio use, Electrical transformers for. Karas Electric Company. 216,607; Mar. 23.

CLASS 22.

Fishing lines, Sinkers for. Enterprise Manufacturing Company. 226,348; Mar. 23.
Game played with pieces, Table. G. P. Sena. 225,288; Mar. 23.
Golf, Device for practicing putting for the game of. W. P. Dean. 216,669; Mar. 23.
Trout flies and leaders. George Tritch Hardware Company. 224,757; Mar. 23.

CLASS 23.

Aligning machines. Gilman Fanfold Corporation 225,301; Mar. 23.
Cranes and hoists. Northern Engineering Works. 225,790; Mar. 23.
Cutlery and tools. M. Schmidt. 221,336; Mar. 23.
Fire extinguishers. Bastian-Blessing Company. 224,648; Mar. 23.
Flue cleaners. Perolin Company of America. 224,619; Mar. 23.
Graders, Road. Hadfield-Penfield Steel Company. 22,230; Mar. 23.
Guns containing a fire-extinguishing chemical, Collapsible-tube squirt. R. H. Brownlee. 224,177; Mar. 23.
Hammers, saws, bit braces, etc. Stanley Works. 195,917; Mar. 23.
Mandrels and reamers, Expanding. H. S. Waterman. 209,071; Mar. 23.
Plows, cultivators, harrows, etc. Empire Plow Company. 207,977; Mar. 23.
Pocketknives, scissors, razors, etc. P. Giesen. 221,224; Mar. 23.
Saws and blades. Ackermann, Steffan & Co. 221,225; Mar. 23.
Transmission mechanism, Automobile. Starr Transmission Corporation. 221,339; Mar. 23.
Tube and flue expanders, cutters, and beading tools. Gustav Wiedeke Co. 216,245; Mar. 23.

CLASS 24.

Washboilers and washtubs. Lisk Manuf'g Co. Limited 225,270; Mar. 23.
Washboilers and washtubs. Reed Manufacturing Co. 225,280; Mar. 23.

CLASS 25.

Knobs, Safe combination. Bakelite Corporation. 221,587; Mar. 23.
Padlocks, door and furniture locks, latches, and bolts for the same. F. Wilhelm Lüling. 216,276; Mar. 23.

CLASS 26.

Films, Motion-picture. Film Booking Offices of America, Inc. 226,952; Mar. 23.
Hydrometer, Battery. Joseph Strauss Company. 225,895; Mar. 23.
Indicators, aircraft speedometers, electric compasses, etc., Aircraft speed and distance. Pioneer Instrument Company. 223,599; Mar. 23.
Ophthalmic mountings and parts thereof. Bausch and Lomb Optical Company. 227,103; Mar. 23.
Photographic printing paper, Sensitized. Artpho Company. 223,680; Mar. 23.

CLASS 28.

Bracelets, bib holders, necklaces, etc. F. Le Bron. 209,997; Mar. 23.
Bracelets, vanity cases, mesh bags, etc. Napier Co. 223,318; Mar. 23.
Fastening devices. W. P. Talbot. 221,789; Mar. 23.
Pearls and pearl necklaces. Carson Pirie Scott & Co. 201,881; Mar. 23.
Pearls, Imitation. F. Guillard. 222,455; Mar. 23.
Rings, Finger. Blancard & Co. 225,994; Mar. 23.
Rings, Wedding. Blancard & Co. 225,993; Mar. 23.
Silver hollow ware. Bernard Rice's Sons, Inc. 226,223; Mar. 23.
Spoons, forks, knives, and ladles. American Silver Company. 225,691; Mar. 23.

CLASS 29.

Brushes. John L. Whiting-J. J. Adams Company. 226,394; Mar. 23.
Brushes. John L. Whiting-J. J. Adams Company. 226,397–9; Mar. 23.
Brushes. John L. Whiting-J. J. Adams Company. 226,405; Mar. 23.
Calcimine, counter dusters, fitch, etc., Artist's. Pittsburgh Plate Glass Company. 225,969; Mar. 23.
Mops and handles therefor. Stover Manufacturing & Engine Co. 226,214; Mar. 23.
Puffs, Powder. M. Levy. 225,885; Mar. 23.
Puffs, Powder. Oxzyn Company. 226,156; Mar. 23.

CLASS 31.

Refrigerators. Gibson Refrigerator Company. 226,722; Mar. 23.
Valves for ice machines or refrigeration compressors. American Carbonic Machinery Co. 222,556; Mar. 23.

CLASS 32.

Cabinets, household tables, etc., Kitchen. J. Videtta. 225,333; Mar. 23.
Mirrors. Chicago Mirror & Art Glass Co. 226,631; Mar. 23.
Shade rollers. Edstrom-Wetmore-Henderson Corp. 212,487; Mar. 23.

CLASS 33.

Glass and engraved glass, Cut. T. G. Hawkes & Co. 226,723; Mar. 23.
Glass globes for lighting fixtures. G. E. Mathieu. 222,625; Mar. 23.
Glasses and globes, Lamp. Macbeth-Evans Glass Company. 223,129; Mar. 23.

CLASS 35.

Packing for packing the joints about packing rods in valve glands, etc., Metallic machinery. J. M. Ryan. 219,914; Mar. 23.
Rubber gaskets. Red Owl Stores, Incorporated. 220,804; Mar. 23.
Tires for motor vehicles. L. H. Smith. 217,305; Mar. 23.
Tube repair kits and fan belts, Portable. Economy Tire Co. 223,902; Mar. 23.

CLASS 36.

Phonographs and parts thereof. Polly Portable Phonograph Co. 219,685; Mar. 23.
Phonographs and parts thereof. Polly Portable Phonograph Co. 219,689; Mar. 23.
Pianos, player pianos, alto clarinets, etc. Rudolph Wurlitzer Company. 224,533; Mar. 23.
Sound records for phonographs and other machines. Brunswick-Balke-Collender Company. 224,497; Mar. 23.

CLASS 37.

Books for accounting. P. W. Hearn. 224,507; Mar. 23.
Check-stub holders. U S Manufacturing Company. 223,877; Mar. 23.
Paper rendered moisture and air proof. Hermetite Corporation. 222,239; Mar. 23.
Paper, Toilet. Northern Paper Mills. 225,029; Mar. 23.
Record equipment in loose-leaf form. Brooks Company. 226,939; Mar. 23.

CLASS 38.

Directories. Railroad Buyers & Sellers Service Bureau. 190,032; Mar. 23.
Magazine, Monthly. Associated Pennsylvania Constructors. 224,068; Mar. 23.
Magazine, Monthly. Ronald Press Company. 226,603; Mar. 23.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Magazine, Monthly. Tropic Publishing Company. 225,290; Mar. 23.
Magazine, Monthly. Western Stories Publishing Corporation. 225,389; Mar. 23.
Magazine, Quarterly. Western Stories Publishing Corporation. 225,388; Mar. 23.
Newspaper, Column of news in. Morning Telegraph Company. 222,271; Mar. 23.
Newspaper items, Title for. Register and Tribune Company. 227,137; Mar. 23.
Post cards, Picture. L. Hurwitz. 208,100; Mar. 23.
Publication. Hoover Company. 213,646; Mar. 23.
Publication, Annual. Experimenter Publishing Company. 225,404; Mar. 23.
Publication, Daily. T. E. Letendre. 217,790; Mar. 23.
Publication, Monthly. Biedermann Brothers, Inc. 226,627; Mar. 23.
Publication, Monthly. R. G. Walker. 225,497; Mar. 23.
Publication, Weekly. United Printing Company. 224,635; Mar. 23.

CLASS 39.

Aprons and dresses. Liberty Garment Company. 225,961; Mar. 23.
Bloomers, Ladies' and misses'. Luxite Silk Products Company. 227,130; Mar. 23.
Bootees, jackets, dresses, shirts, etc., Infants'. James A. Hearn & Son, Inc. 208,589–90; Mar. 23.
Clothing, Women's. T. C. Murphy. 225,314; Mar. 23.
Coats, Outer. Philman Coat Co. 227,085; Mar. 23.
Coats, waistcoats, smoking jackets, etc., Men's and boys'. house. Franklin Simon & Co. Inc. 225,010; Mar. 23.
Garments, Work. W. M. Finck and Company. 224,084; Mar. 23.
Hats and caps, Men's. Levine Bros. 217,102; Mar. 23.
Hats, Men's felt. Edw. P. Cunningham, Inc. 224,503; Mar. 23.
Hosiery. R. Wollstein. 226,270; Mar. 23.
Shirts, suits, neckties, mufflers, etc. Brokaw Brothers. 221,476; Mar. 23.
Shoes. Kerr & Mayor. 222,615; Mar. 23.
Shoes, Women's, misses', and children's. J. J. Grover's Sons Company. 224,967; Mar. 23.
Suits, knitted sweater coats, gloves, etc., Swimming. Jantzen Knitting Mills. 225,959; Mar. 23.
Sweaters, underwear, shirts, hose, etc., Knitted. H. Cohen. 227,165; Mar. 23.
Underwear. Wyckoff Knitting Company. 227,151; Mar. 23.
Underwear for women and children, Knitted. Otis Company. 224,986; Mar. 23.
Underwear, gloves, vests, caps, etc. Berne Manufacturing Company. 224,894; Mar. 23.

CLASS 40.

Cotton, wool, silk, linen, etc., Stamped goods of. Wm. H. Horstmann Company. 209,293; Mar. 23.

CLASS 41.

Umbrellas, Waterproof. Siegel, Rothschild & Co. 227,088; Mar. 23.

CLASS 42.

Broadcloth in the piece. Robertson Bleachery & Dye Works, Inc. 226,304; Mar. 23.
Cloth, Tent. Brooks Tent & Awning Company. 208,564; Mar. 23.
Cotton piece goods. Dallas Manufacturing Co. 211,986; Mar. 23.
Elastic-webbing textile fabrics, piece goods. F. L. Brigham. 226,125; Mar. 23.
Piece goods. Balstone Cooke and Company (1924) Limited. 225,638; Mar. 23.
Rugs, Chenille. L. S. Henderson. 224,408; Mar. 23.
Rugs, Textile. Hardwick & Magee Company. 226,807; Mar. 23.
Silk and rayon mixed gooda in the piece. Haskell Silk Co. 226,587; Mar. 23.
Silk piece goods, cotton piece goods, etc., Artificial-. De-Angeli-Frua, Societa Per l'Industria Dei Tessuti Stampati. 227,064; Mar. 23.
Silk, wool, and cotton, Piece goods made of. Haas Brothers Fabrics Corporation. 227,174; Mar. 23.
Worsted and woolen textile fabrics. Holden-Leonard Co. 223,238; Mar. 23.

CLASS 44.

Arches and other parts of the feet and inner supporting soles, Supports for. E. Z. Walk Arch Corporation. 208,333–7; Mar. 23.
Electrical devices for assisting the hearing. American Acoustic Corporation. 225,121; Mar. 23.
X-ray, physio-therapy, and electromedical apparatus. General X-Ray Company. 226,648; Mar. 23.

CLASS 45.

Beverages and sirups, extracts, and flavors for same. Henney's Original Fruit Cup Co. 224,913; Mar. 23.

CLASS 46.

Bread. Clarence Saunders Corporation. 225,943; Mar. 23.
Bread. Wardrop Co. 208,934; Mar. 23.
Bread. Wardrop Co. 208,936; Mar. 23.
Bread. Wardrop Co. 208,939; Mar. 23.
Bread and cake. Taggart Baking Company. 220,328; Mar. 23.
Butter. Mistletoe Creameries. 194,729; Mar. 23.
Butter. A. F. Thibodeau Company. 208,832; Mar. 23.
Cakes and crackers. Junge Baking Company. 225,927; Mar. 23.
Cakes, fried cakes, and cookies. Grennan Bakeries Inc. 226,054; Mar. 23.
Candy. Crystal Candy Company. 226,886; Mar. 23.
Candy. Detroit Candy Company. 221,809; Mar. 23.
Candy. Hartlove Candy Company. 227,015; Mar. 23.
Candy bars and candy. Walter J. Hirsch Company. 226,903; Mar. 23.
Canned cherries and peaches. United States Stores Corporation. 216,305; Mar. 23.
Cheese. McCrery Creamery Company. 225,311; Mar. 23.
Cheese and buttermilk, and cheese, Coagulators for the manufacture of. Vitalac Corporation. 224,221; Mar. 23.
Chicks, Baby. E. W. Engstrom. 224,133; Mar. 23.
Citron, canned vegetables, fish, and fruit, Preserved. Downing Taylor Company. 219,950; Mar. 23.
Coffee. Colvin and Mahood Company. 227,061; Mar. 23.
Coffee. A. Filthuth. 227,008; Mar. 23.
Coffee. Harnit & Hewitt Co. 226,957; Mar. 23.
Coffee. M. A. Tinsman. 224,485; Mar. 23.
Coffee substitute. California Health Food Co. 209,119; Mar. 23.
Confection used as a spread. T. & A. Sales & Mfg. Co. 221,788; Mar. 23.
Eggs, mash, chick feed, growing feed, etc. King Milling Co. 224,518; Mar. 23.
Extracts, Food-flavoring. Frank E. Harris Co. 224,390; Mar. 23.
Extracts, Food-flavoring. Frank E. Harris Co. 224,394–5; Mar. 23.
Feeds, middlings, bran, and ground screenings, Mixed. Lawrenceburg Roller Mills Co. 226,292; Mar. 23.
Flour. Society of the Divine Word. 222,050; Mar. 23.
Flour, Wheat. Commercial Jobbing Company. 223,082; Mar. 23.
Flour, Wheat. Scott Logan Milling Co. 224,784; Mar. 23.
Food product similar to cheese. Pabst Corporation. 225,237; Mar. 23.
Fruits, Dried. Inderrieden Canning Co. 216,395; Mar. 23.
Fruits, Fresh and canned. Lakeview Fruit Co. 216,550; Mar. 23.
Grapefruit, marinated herring, brussels sprouts, etc., Fresh. Durand-McNeil-Horner Co. 191,820; Mar. 23.
Ham and bacon. Henry Burkhardt Packing Co. 224,319; Mar. 23.
Ice cream. J. A. Pardoe. 212,634; Mar. 23.
Lard and meats. American Provisions Export Company. 224,371; Mar. 23.
Malt extract. J. Dufek. 213,013; Mar. 23.
Malt extract for food purposes. Reliance Malt Products Co. 225,889; Mar. 23.
Malt sirup for food purposes. Fidelity Hop & Malt Company. 225,878–9; Mar. 23.
Noodles. Zucca's Restaurant, Inc. 221,580; Mar. 23.
Oleomargarine. St. Louis Independent Packing Company. 226,171–2; Mar. 23.
Peaches, Fresh. Atlantic Orchard Corporation. 218,282; Mar. 23.
Pickles. A. Morse. 226,119; Mar. 23.
Potato chips. Sanitary Potato Chip Company. 202,519; Mar. 23.
Raisins and figs, Dried. L. H. Davis & Company. 216,714; Mar. 23.
Sauce for use on macaroni, spaghetti, and rice. J. L. Bacigalupo. 219,162; Mar. 23.
Semolinas, durum feed and flour, rye feed, etc. Commander Mill Company. 224,956; Mar. 23.
Sugar, Cane. J. D. and A. B. Spreckles, Securities Company. 216,295; Mar. 23.

CLASS 48.

Tea. William Boardman & Sons Co. 222,436; Mar. 23.
Beer. Reisch Brewing Company. 224,881; Mar. 23.
Malt sirup for beverage purposes. Four Roses Products Company. 225,956; Mar. 23.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 23D DAY OF MARCH, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). **Includes patents, reissues, and designs.**

Abadie, Jacques, New Orleans, La. Roach trap. 1,578,061; Mar. 23.
Abbott, Selmon, Taylorville, Ill. Flytrap for stock. 1,577,435; Mar. 23.
Abraham, Clinton D., deceased, by C. H. Ross, administrator, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Brattice sheeting. 1,577,890; Mar. 23.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Plate for lighting fixtures. Des. 69,728; Mar. 23.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Plate for lighting fixtures. Des. 69,729; Mar. 23.
Adams, Letha F., Smithdale, Miss. Sectional food cooker. 1,577,781; Mar. 23.
Adelmann, Leonid. (See du Bois-Reymond, A., and Adelmann.)
Akron Motor & Manufacturing Company. (See Hosterman, Harry L., assignor.)
Akron Standard Mold Company, The. (See Reichard, Harold D., assignor.)
Aktiebolaget Ljungströms Ångturbin. (See Ljungström, Fredrik, assignor.)
Alexander, David T., Sandwich, Ontario, Canada. Grillage connection for towers. 1,577,486; Mar. 23.
Alk, Samuel M., Brooklyn, N. Y. Rolling toy. 1,577,997; Mar. 23.
Allbright-Nell Company, The. (See Laabs, William, assignor.)
Allen, Edward B., Newtown, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Staycord guide for buttonhole-sewing machines. 1,577,601; Mar. 23.
Allen, Grosvenor N., assignor to Oneida Community, Limited, Oneida, N. Y. Coffeepot or similar article. Des. 69,730; Mar. 23.
Allen, William F., Nashville, Tenn. Stove. Des. 69,731; Mar. 23.
Allington, John B., and G. S. Dady, Rochester, N. Y. Automatic gas-supply-controlling means. 1,577,511; Mar. 23.
Almquist, Carl G., Chicago, Ill. Holddown for spring frogs. 1,577,672; Mar. 23.
Aluminum Foundry Company. (See Kafer, John, jr., assignor.)
Amberg, Rudolph C., Chokio, Minn. Bumper. 1,578,062; Mar. 23.
American Assembling Machine Company. (See Juengst, Charles A., assignor.)
American Blower Company. (See Withane, George S., jr., assignor.)
American Can Company. (See Block, Michael, assignor.)
American Electro-Osmosis Corporation. (See Jenny, A., and Angerstein, assignors.)
American Electro-Osmosis Corporation. (See Ruppel, Wilhelm, assignor.)
American Electro-Osmosis Corporation. (See Ruppel, W., and Wolf, assignors.)
American Electro-Osmosis Corporation. (See Wolf, K., and Langstein, assignors.)
American Fabrics Company, The. (See Page, Samuel H., assignor.)
American Telephone and Telegraph Company. (See Blauvelt, William G., assignor.)
American Telephone and Telegraph Company. (See Bonell, Ralph K., assignor.)
American Telephone & Telegraph Company. (See Holden, William H. T., assignor.)
Amsler, Walter O., Toledo, Ohio. Process and apparatus for refining glass. 1,577,602; Mar. 23.
Anderson, Albert H., Woodsfield, Ohio. Coupler. 1,577,512; Mar. 23.
Anderson, Frederick R., assignor to National Novelty Company, Minneapolis, Minn. Coin-controlled weighing machine or scale. 1,577,673; Mar. 23.
Anderson, Walter H., San Rafael, Calif. Kitchen ventilator. 1,577,674; Mar. 23.
Andres, Paul G., River Forest, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Telephone receiver. 1,577,603; Mar. 23.
Andrew, Frederick W., Glen Head, assignor to Eisemann Magneto Corporation, Brooklyn, N. Y. Magneto. 1,577,437; Mar. 23.
Andrews, Alvin E. (See Sherman, C. F., and Andrews.)

Andrioli, Vittorio, Foggia, Italy. Steam generator. 1,577,438; Mar. 23.
Angerstein, Johannes. (See Jenny, A., and Angerstein, assignors.)
Ansco Photoproducts, Inc. (See Davis, Horace W., assignor.)
Anson, Frank H., jr., Iroquois Falls, Ontario, Canada. Machine for fastening tubular lengths. 1,577,889; Mar. 23.
Appleton Electric Co. (See Grigsby, Bertram J., assignor.)
Aridor Company, The. (See Meyer, Paul S., assignor.)
Armbruster, Henry, Woodburn, Ind. Post puller. 1,577,493; Mar. 23.
Armstrong, Percy A. E. (See Ende, F. M., and Armstrong.)
Arnold, Frank, New York, N. Y. Ruling machine. 1,577,998; Mar. 23.
Ashmead, Robert, and J. Collins, assignors to Hodges Carpet Company, Indian Orchard, Mass. Yarn-winding spool. 1,577,671; Mar. 23.
Atkinson, James R., Vancouver, British Columbia, Canada. Surgical splint. 1,577,782; Mar. 23.
Atkinson, Willard S., Ashland, N. J., assignor to Atlantic Elevator Company, Philadelphia, Pa. Elevator braking system. 1,577,999; Mar. 23.
Atlantic Elevator Company. (See Atkinson, Willard S., assignor.)
Attendu, Andre C., assignor to Attendu Engines Limited, Montreal, Quebec, Canada. Regulating internal-combustion engines. 1,577,551; Mar. 23.
Attendu Engines, Limited. (See Attendu, Andre C., assignor.)
Automatic Electric Inc. (See Andres, Paul G., assignor.)
Automatic Electric Inc. (See Dyson, Alfred H., assignor.)
Automatic Electric Inc. (See Keith, Alexander E., assignor.)
Automatic Transportation Company, The. (See Carr, William C., assignor.)
Auto Theft Alarm Corporation. (See Levinson, Maurice C., assignor.)
Averill, Willard C., jr., Houston, Tex. Separating hydrocarbons. 1,577,440; Mar. 23.
Babcock & Wilcox Company, The. (See Davy, C. S., and Spyer, assignor.)
Bablarz, Maciej, Bayonne, N. J. Window shade and curtain support. 1,578,000; Mar. 23.
Badger Meter Mfg. Company. (See Krueger, Emil M., assignor.)
Baggett, Alton D., R. E. Miller, and F. Wright, Temple, Tex. Perpetual desk calendar and memorandum pad. 1,577,631; Mar. 23.
Bailor, Silas E., Atchison, Kans. Cultivator. 1,577,552; Mar. 23.
Baker-Perkins Company. (See Prescott, William E., assignor.)
Baker Steel & Machinery Company. (See Baker, Wilber F., assignor.)
Baker, Walter J., Chillicothe, Mo. Rotary rectifier. 1,577,553; Mar. 23.
Baker, Wilber F., Omaha, Nebr., assignor to Baker Steel & Machinery Company. Hoisting attachment for tractors. 1,577,783; Mar. 23.
Bakken, Peder, St. Paul, Minn. Stabilizer for motor vehicles. 1,577,441; Mar. 23.
Ballman, Edwin C., assignor to J. H. Cassidy, St. Louis, Mo. Air-cooled still. 1,577,675; Mar. 23.
Balmer Corporation, The. (See Balmer, Robert, assignor.)
Balmer, Robert, Toronto, Ontario, Canada, assignor to The Balmer Corporation. System of distribution of refuse-destructor gases. 1,578,151; Mar. 23.
Bankers Thrift Corporation. (See Goodman, Harry S., assignor.)
Barber Asphalt Company, The. (See Forrest, C. N., Hayden, and Douthett, assignors.)
Bassani, Laurent, Corbeil, France, assignor by mesne assignments, to Bassani Processes, Inc., New York, N. Y. Method and apparatus for making photomechanical printing plates. 1,577,442; Mar. 23.
Bassani Processes, Inc. (See Bassani, Laurent, assignor.)
Bates, Carl S., assignor to Lincoln Radio Corporation, Chicago, Ill. Radioantenna. Des. 69,732; Mar. 23.
Battery Equipment and Supply Company, The. (See Taylor, John, assignor.)

Battner, Stephen, Brooklyn, assignor, by mesne assignments, to The Rudolph Wurlitzer Manufacturing Company, North Tonawanda, N. Y. Pneumatic action. 1,578,182; Mar. 23.

Bauer, Adolph, assignor to R. C. Jenkinson, doing business as R. C. Jenkinson & Co., Newark, N. J. Air purifier or humidifier and inhaler. 1,577,604; Mar. 23.

Baughman, David, Pittsburgh, Pa. Signaling apparatus for motor vehicles. 1,577,676; Mar. 23.

Bauman, Louis C., Cincinnati, Ohio. Desk blotter. 1,578,063; Mar. 23.

Bausch & Lomb Optical Company. (See Poser, Max, assignor.)

Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Button-location-marking machine. 1,577,554; Mar. 23.

Beadle, Warren E., Wisconsin Rapids, Wis. Process and apparatus for regulating paper stock and the like. 1,577,555; Mar. 23.

Bean, Floyd G. (See Swanson, Oscar E., assignor.)

Beatty, William T., Flossmoor, Ill. Scraper attachment for road scarifiers. 1,577,677; Mar. 23.

Beck, Ernest T., assignor to International Silver Company, Meriden, Conn. Spoon or similar article. Des. 69,733; Mar. 23.

Beck, Ernest T., assignor to International Silver Company, Meriden, Conn. Spoon or similar article. Des. 69,734; Mar. 23.

Becker, Harry E., Brea, assignor to Regan Forge and Engineering Company, Inc., San Pedro, Calif. Combined core barrel and reamer. 1,577,605; Mar. 23.

Beckwith Manufacturing Company. (See Clapp, Albert L., assignor.)

Beede, Herbert G., Pawtucket, R. I. Drive mechanism for twisting and spinning frames. 1,578,183; Mar. 23.

Behan, Thomas W., assignor to The Nineteen Hundred Washer Company, Binghamton, N. Y. Ironing machine. 1,578,001; Mar. 23.

Behrman, Marcus B., New York, assignor to The Lox Seal Corporation, Brooklyn, N. Y. Fastening means. 1,577,678; Mar. 23.

Bell, George, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Condenser. 1,578,002; Mar. 23.

Bell, Osie E. (See Binns, John E., assignor.)

Bemus, Thomas A., North East, Pa., and E. F. Bickford and F. T. Coffin, Boston, Mass. Wrench set. 1,578,065; Mar. 23.

Bennett, Arthur J., Cambridge, Ohio. Glass bowl or similar article. Des. 69,735; Mar. 23.

Bennett, Arthur J., Cambridge, Ohio. Smoker's tray. Des. 69,736; Mar. 23.

Bennington, Albert P., Philadelphia, Pa. Blackboard washer. 1,577,944; Mar. 23.

Bennington, Earl T., Willoughby, assignor to The Cleveland Crane and Engineering Company, Wickliffe, Ohio. Crane. 1,577,606; Mar. 23.

Bentley, Rowland. (See Duck, F. J. G., and Bentley.)

Bergstein, Samuel, and W. C. Miller, assignors to The Interstate Folding Box Company, Middletown, Ohio. Paper box and the like. 1,577,556; Mar. 23.

Beugler, Edwin F., assignor to E. & B. Holmes Machinery Co., Buffalo, N. Y. Adjustable support for barrels and the like. 1,578,184; Mar. 23.

Bhopal Produce Trust Limited, The. (See Fraymouth, William A., assignor.)

Bibby, Thomas D., assignor to Commercial Fixture Company, Los Angeles, Calif. Collapsible lid for soda fountains and the like. 1,577,679; Mar. 23.

Bickford, Eugene F. (See Bemus, T. A., Bickford, and Coffin.)

Bilhorn, Peter P., Chicago, Ill. Portable organ. 1,577,680; Mar. 23.

Billings, Frank. (See Greenleaf, Robert P., assignor.)

Binns, John E., assignor of one-half to O. E. Bell, Nashville, Tenn. Combined signal and license-plate holder for vehicles. 1,577,557; Mar. 23.

Bittner, Alfred, Philadelphia, Pa. Oil burner. 1,578,064; Mar. 23.

Biabon, Geo. W., Company, The. (See Cartwright, Frank, assignor.)

Blake, Charles C., Brookline, Mass. Machine for making insulated nails. 1,578,185; Mar. 23.

Blauvelt, William G., New York, N. Y., assignor to American Telephone and Telegraph Company. Telephone-exchange system. 1,577,513; Mar. 23.

Blaw, Jacob B., Atlantic City, N. J. Fire-truck apparatus. 1,577,607; Mar. 23.

Blettner, George H., Chicago, Ill. Cylinder-grinding tool. 1,577,681; Mar. 23.

Block, Michael, South Boston, Mass., assignor to American Can Company, New York, N. Y. Container. 1,577,682; Mar. 23.

Block, Michael, Soub Boston, Mass., assignor to American Can Company, New York, N. Y. Container. 1,577,683; Mar. 23.

Blo-Dry Incorporated. (See Lum, Walter O., assignor.)

Blumenthal, Ella, New York, N. Y. Cap towel. 1,577,945; Mar. 23.

Bluxome, John D. (See Taylor, Horace H., assignor.)

Boberg, Teofron. (See Söderlund, O., Boberg, and Testrup.)

Bolingbroke, Charles W. H., assignor to E. L. Thomson Co. Inc., Los Angeles, Calif. Container. 1,578,066; Mar. 23.

Bond, Frank A., assignor to United States Chain & Forging Company, Pittsburgh, Pa. Antiskid device. 1,577,684; Mar. 23.

Bonell, Ralph K., East Orange, N. J., assignor to American Telephone and Telegraph Company. Selector circuits. 1,577,514; Mar. 23.

Bonell, Ralph K., East Orange, N. J., assignor to American Telephone and Telegraph Company. Selective signaling circuits for carrier systems. 1,577,515; Mar. 23.

Boutwell, Isaac C., Grady, Ala. Nut lock. 1,577,946; Mar. 23.

Bonoff, Harry A., Los Angeles, Calif. Dental amalgamator. 1,578,067; Mar. 23.

Bowen Products Corporation. (See Skelly, Bernard H., assignor.)

Boyce, George W. G. (See Fleischer, Charles, assignor.)

Brach, L. S., Manufacturing Co. (See Brach, Leon S., assignor.)

Brach, Leon S., East Orange, N. J., assignor to L. S. Brach Manufacturing Co., Newark, N. J. Radio resistor-coupler unit. 1,577,443; Mar. 23.

Bradley, Charles S., New York, N. Y. Apparatus for commutating electric currents. 1,577,685; Mar. 23.

Brandt, Charles M., Llanerch, Pa. Antiskid device. 1,578,008; Mar. 23.

Brantley, Oliver W., Jackson Heights, and W. M. Brantley, Elmhurst, N. Y. Rug and carpet winding machine. 1,577,444; Mar. 23.

Brantley, Warner M. (See Brantley, Oliver W. and W. M.)

Bremken, Charles, assignor to Cheney Talking Machine Company, Chicago, Ill. Talking-machine cabinet. 1,577,445; Mar. 23.

Brewer, Frederick C., Los Angeles, Calif. Bath mat and the like. 1,577,608; Mar. 23.

Breyer, Theodore V., New Philadelphia, Ohio. Float-operated circuit closer. 1,577,686; Mar. 23.

Bridge, Ellis H., Akron, Ohio, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Handle for battery boxes. 1,578,003; Mar. 23.

Brintnall Manufacturing Company, The. (See Brintnall, Thomas M., assignor.)

Brintnall, Thomas M., Los Angeles, Calif., assignor to The Brintnall Manufacturing Company. Counterweighted lowering floor. 1,578,004; Mar. 23.

Bristol, William H. (See Lilienfeld, Julius E., assignor.)

Brodin, Arvid, Los Angeles, Calif. Hat stretcher. 1,578,186; Mar. 23.

Brooks, Max L., Brooklyn, N. Y. Game apparatus. 1,578,005; Mar. 23.

Brown, Cyrus O., and R. E. Morrison, Douglas, Wyo., and I. J. Mandigo, Rapid City, S. Dak. Paper file. 1,577,558; Mar. 23.

Brown, Joseph E., Harvey, and C. R. Taylor, Chicago, assignors to Grindle Fuel Equipment Company, Harvey, Ill. Pulverizer feeder with magnetic separator. 1,578,006; Mar. 23.

Brown, Non H., Detroit, Mich. Steam injector for furnaces. 1,577,891; Mar. 23.

Brown, Stewart, Chicago, Ill. Cushion for die-press draw rings. 1,577,446; Mar. 23.

Broyles, John E., Coco Solo, Canal Zone, assignor of one-half to H. E. Robertson and T. H. Weller, Russellville, Mo. Airship. 1,578,069; Mar. 23.

Brückner, Harry E. V., Charlottenburg, near Berlin, Germany, assignor to Firm Parnox Aktiengesellschaft, Lucerne, Switzerland. Fuse plug. 1,577,447; Mar. 23.

Bruno, Luigi, Turin, Italy. Automatic circular loom. 1,577,516; Mar. 23.

Bryce, James W., Bloomfield, N. J., assignor to International Time Recording Company of New York, Endicott, N. Y. Interlocking system for door locks and the like. 1,578,007; Mar. 23.

Buchanan, James E., Pawtucket, R. I. Thermostatic fire alarm. 1,577,892; Mar. 23.

Budd, Walter P., Pittsburgh, Pa. Motor vehicle. 1,577,559; Mar. 23.

Buffalo Weaving and Belting Co. (See Krenz, Rudolph, assignor.)

Buddle, George T., assignor of one-half to J. J. Sturm, Chicago, Ill. Fish lure. 1,578,070; Mar. 23.

Buffelen, John, Tacoma, Wash. Lumber-patching machine. 1,578,008; Mar. 23.

Bullock, Samuel A., Port Washington, and B. T. Perry, Schenectady, N. Y. Apparatus for forming emulsions of oil and water. 1,578,187; Mar. 23.

Bumgardner, Harry T., Waco, Tex. Mold for concrete wall blocks. 1,577,784; Mar. 23.

Burgers, Franz, Gelsenkirchen, Germany. Treating and refining crude iron. 1,578,009; Mar. 23.

Burke, Robert F., Phoenixville, Pa. Feed-controlling apparatus for fluids. 1,578,010; Mar. 23.

Burkey, Roy H., Gap, Pa. Device for operating the plant hoeing members of cultivators. 1,577,947; Mar. 23.

Burton, Harry W., Taft, Calif. Electric-motor-driven butcher-block cleaner. 1,578,188; Mar. 23.

Bushnell, John B., Berkeley, assignor to N. R. and M. C. Harris, copartners doing business as Harris Electric Company, San Francisco, Calif. Dynamo-electric machine. 1,577,948; Mar. 23.

Buss, Harry H., Merrill, Wis. Utility tool for automobiles. 1,577,687; Mar. 23.

Butler, Henry E., assignor of one-half to D. M. Diggs, Schenectady, N. Y. Paper clip or fastener. 1,577,949; Mar. 23.

Butler, Jessie J., Hominy, Okla. Combined section coupling and standing-valve-attaching means for oil-well casings. 1,577,950; Mar. 23.

Cadieux, Marie L., Charlestown, Mass. Nonskid traction shoe. 1,578,071; Mar. 23.

Calkins, George R., Montebello, Calif. Dirt distributor and packer for roads. 1,578,011; Mar. 23.

Camex Displays Corporation. (See Deses, L. G., and de Mendoza, assignors.)

Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Dump car. 1,577,688; Mar. 23.

Campbell, George W., Hartford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,577,893; Mar. 23.

Campbell, Milton D., assignor to The Perkins-Campbell Company, Cincinnati, Ohio. Radiator protector. 1,577,951; Mar. 23.

Campbell, William P., assignor of forty-nine one-hundredths to H. W. Tully and J. H. Lane and fifty-one one-hundredths to J. H. Lane, Kansas City, Mo. Stabilizing device. 1,577,821; Mar. 23.

Campbell, William P., Marceline, assignor to J. H. Lane, Kansas City, Mo. Automobile steering mechanism. 1,577,822; Mar. 23.

Canning, Thomas F., and R. G. Clark, Southend-on-Sea, England. Machine for charging and discharging gas retorts. 1,578,072; Mar. 23.

Capdevila, Frank, New York, N. Y. Method and apparatus for treating hair. 1,578,012; Mar. 23.

Capitelli, Celeste, Margate, England. Apparatus for amusement purposes. 1,577,689; Mar. 23.

Caproni, Gianni, U. Nobile, and R. Verduzio, Rome, Italy. Structure and composition of the fuselages and parts depending thereon for aeroplanes. 1,578,073; Mar. 23.

Cardwell, James R., Chicago, Ill. Cigar holder. 1,577,448; Mar. 23.

Carlson, Carl A. (See Törnblom, Ernst A. E., assignor.)

Carnegie, William, Sheffield, England. Turning and boring tool. 1,577,952; Mar. 23.

Carr, William C., assignor to The Automatic Transportation Company, Buffalo, N. Y. Industrial truck. 1,577,894; Mar. 23.

Carrier, Alsime, assignor of one-eighth to J. B. Pelletier, one-fourth to E. J. Lebrun, one-fourth to C. R. Violette, and one-fourth to L. Y. Violette, Van Buren, Me. Advertising device. 1,577,560; Mar. 23.

Carroll, John P., Chicago, Ill. Trench supporting. 1,578,230; Mar. 23.

Carter, Robert J., Apia, Western Samoa. Coconut splitter. 1,577,953; Mar. 23.

Cartwright, Frank, Trenton, N. J., assignor to The Geo. W. Blabon Company, Philadelphia, Pa. Linoleum or similar hard-surfaced covering. Des. 69,737; Mar. 23.

Casarotti, Romeo A. (See Newcomb, J. C., and Casarotti.)

Case, J. I., Plow Works Company. (See Hendrickson, Robert O., assignor.)

Case, Paul, San Quentin, Calif. Portable electric brush. 1,578,013; Mar. 23.

Cashiko Machine Company. (See Schimek, Joseph F., assignor.)

Cassaday, Ormond F., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Composite ringer circuits. 1,577,690; Mar. 23.

Cassidy, John H. (See Ballman, Edwin C., assignor.)

Castetter, Luther L., Indianapolis, Ind. Chiropractic table. 1,577,785; Mar. 23.

Champion Pneumatic Machinery Company. (See Kouka, Horace H., assignor.)

Chan, Tak H., Chicago, Ill. Display lantern. 1,577,449; Mar. 23.

Chandler, Francis P., Houston, Tex. Illuminated toy. 1,577,517; Mar. 23.

Chandler, Jermain, Toledo, Ohio. Rubber toothbrush. 1,578,074; Mar. 23.

Chanock, Theodore, Chicago, Ill. Lamp base. Des. 69,738; Mar. 23.

Chanock, Theodore, Chicago, Ill. Lamp base. Des. 69,739; Mar. 23.

Chanock, Theodore, Chicago, Ill. Bracket for a lamp post. Des. 69,740; Mar. 23.

Chanock, Theodore, Chicago, Ill. Spindle for lighting fixtures. Des. 69,741; Mar. 23.

Chauveur, Joseph E. A., Concarneau, assignor to Societe P. Navarre & Fils, Paris, France. Machine for removing the heads and guts of fish. 1,577,518; Mar. 23.

Chemische Fabrik Grünau Landshoff & Meyer, Aktiengesellschaft. (See Kirchner, Walter, assignor.)

Cheney Talking Machine Company. (See Bremken, Charles, assignor.)

Cheney Talking Machine Company. (See Doerr, Fred H., assignor.)

Chiles, Richard T., Portland, Me. Snowplow. 1,577,561; Mar. 23.

Chris Double Taper Bearing Company. (See Christopherson, Leo S., assignor.)

Christopher, Fred, Lowell, Ariz. Metal lath. 1,578,075; Mar. 23.

Christopherson, Leo S., assignor to Chris Double Taper Bearing Company, Spokane, Wash. Bearing cage. 1,577,786; Mar. 23.

Christopherson, Leo S., assignor to Chris Double Taper Bearing Co., Spokane, Wash. Bearing cage. 1,577,787; Mar. 23.

Chubb, Rowland N., Los Angeles, Calif. Changeable sign. 1,577,609; Mar. 23.

Church, Henry W., deceased, Highland Park, Mich.; E. P. Wright, administrator. Internal-combustion engine. 1,578,111; Mar. 23.

Chvojka, Joseph, Philadelphia, Pa. Hand truck. 1,577,954; Mar. 23.

Cincinnati Bickford Tool Company. (See Klausmeyer, David C., assignor.)

Clapp, Albert L., Danvers, assignor to Beckwith Manufacturing Company, Boston, Mass. Hair felt and making. 1,577,955; Mar. 23.

Clarinda Manufacturing Company. (See Olson, Carl A., assignor.)

Clark, Ernest, New York, N. Y., and D. T. Gilmartin, jr., East Orange, N. J. Paving or flooring. 1,577,610; Mar. 23.

Clark, Richard G. (See Canning, T. F., and Clark.)

Clements, Lincoln H., Clements, Minn. Governor 1,577,691; Mar. 23.

Clements, Lincoln H., Clements, Minn. Governor for internal-combustion engines. 1,577,692; Mar. 23.

Cleveland Crane and Engineering Company, The. (See Bennington, Earl T., assignor.)

Cleveland Crane and Engineering Company, The. (See Webr, William G., assignor.)

Cleven, Axel, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Instrument bezel. Des. 69,742; Mar. 23.

Cleven, Axel, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Instrument bezel. Des. 69,743; Mar. 23.

Cleven, Axel, assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Instrument bezel. Des. 69,744; Mar. 23.

Coffin, Frank T. (See Bemus, T. A., Bickford, and Coffin.)

Cole, Albert L., Anson, Tex. Permanent trailing coupling. 1,577,788; Mar. 23.

Coles, James J., Los Angeles, Calif. Cap and collar case. 1,577,632; Mar. 23.

Colgate & Company. (See Jenkins, Walter S., assignor.)

Collins, Cornelius, assignor to A. W. Nash, Inc., Los Angeles, Calif. Studding. 1,577,633; Mar. 23.

Collins, J. N., Company. (See Pearce, Sidney, assignor.)

Collins, Joseph. (See Ashmead, R., and Collins.)

Columbro, Angelo, Cleveland, Ohio. Continuous press. 1,577,519; Mar. 23.

Combustion Control Company. (See Potter, Frederick D., assignor.)

Commercial Fixture Company. (See Bibby, Thomas D., assignor.)

Compactom Limited. (See Pinto, Edward H., assignor.)

Conard, James A., New York, N. Y. Drill attachment. 1,577,895; Mar. 23.

Connor, Martha H., Baltimore, Md., assignor to Joseph Tetley & Company, New York, N. Y. Tea caddy. Des. 69,745; Mar. 23.

Consolidated Car-Heating Company. (See Hynes, Lee P., assignor.)

Conway, James S., Rochester, Minn. Wrench. 1,577,789; Mar. 23.

Cook, Harmon J., assignor to The Torrington Company, Torrington, Conn. Wire spoke. 1,578,076; Mar. 23.

Cook, Thomas A. C., Chicago, Ill. Support and shield for flatirons. 1,577,790; Mar. 23.

Cooper, James H., Snyder, Okla. Cotton-sack strap. 1,577,562; Mar. 23.

Copeland, Robert J., Toronto, Ontario, Canada. Loose-leaf binder. 1,577,563; Mar. 23.

Coplan, William, Baltimore, Md. Necktie. 1,577,564; Mar. 23.

Coto-Coil Company. (See Elliott, John S., assignor.)

Countryman, Guy A., Ashland, Ohio. Vehicle jack. 1,578,014; Mar. 26.

Courney, Earl C., Oakland, Calif. Paste-tube cap. 1,578,077; Mar. 23.

Cowper, Jack S., South Kensington, London, England. Block and the like for road paving and other purposes. 1,577,520; Mar. 23.

Craig, Edward, St. Joseph, Mich. Automatically-controlled fastener forming and driving machine. 1,578,015; Mar. 23.

Cramp, William, & Sons Ship & Engine Building Company. (See Taylor, Harvey B., assignor.)

Crawford, Bush H., and G. Mobbs, Little Rock, Ark. Cotton-bale-weighing device. 1,577,956; Mar. 23.

Creaghan, Gerald F., Bangor, Me. Screed. 1,578,078; Mar. 23.

Creegan, Vinnie F., Los Angeles, Calif. Bath brush. 1,577,565; Mar. 23.

Crescent Brass Mfg. Co. (See Abrams, Herman, assignor.)

Creseo Creamery Supply Co. (See Goldberger, Morris, assignor.)

Crompton & Knowles Loom Works. (See Gordon, Albert A., assignor.)

Crompton & Knowles Loom Works. (See McGuiness, Benjamin F., assignor.)
Crowell, Charles H., Brooklyn, N. Y. Coated fibrous article and coating composition therefor. 1,577,450; Mar. 23.
Crowell, Frank S., assignor to The Edward N. Riddle Company, Toledo, Ohio. Arm for lighting fixture. Des. 69,746; Mar. 23.
Cryder, Donald S., State College, Pa. Angler's artificial-fly case. 1,577,566; Mar. 23.
Cutler-Hammer Mfg. Co., The. (See Re Qua, Frederick L., assignor.)
Cvrcek, Anna H. (See Cvrcek, James A. and A. H.)
Cvrcek, James A. and A. H., Chicago, Ill. Luggage carrier for vehicles. 1,577,896; Mar. 23.
Dady, George S. (See Allington, J. B., and Dady.)
Dale, Colin B., Milwaukee, Wis. Shock absorber. 1,577,693; Mar. 23.
Dalmas, Daniel P., Vallejo, Calif. Can-perforating device. 1,577,957; Mar. 23.
Daly, Charles M. (See Hynes, John J., assignor.)
Danner, John J., St. Paul, Minn. Wire-weaving loom. 1,577,694; Mar. 23.
Danninger, Alois, Steyrermuhl, Upper Austria. Paper-making machine. 1,577,897; Mar. 23.
Danville Conditioning Machine Company. (See Johnson, Adolph A., assignor.)
Danville Conditioning Machine Company. (See Johnson, James A., assignor.)
Dapratо Statuary Company. (See Mariotti, Joseph J., assignor.)
Dassbach, August, Hanau-on-the-Main, Germany, assignor to Irvington Smelting & Refining Works, Irvington, N. J. Electrolytic separation apparatus. 1,577,898; Mar. 23.
Daudy, Marc H., assignor to North American Lace Company, Philadelphia, Pa. Lace. Des. 69,747; Mar. 23.
Davenport, Edwin B., Ross, Calif. Dispensing machine. 1,577,695; Mar. 23.
David, Charles R., Tiernan, Oreg. Tractor cultivator. 1,577,567; Mar. 23.
Davis, Arthur P., Brooklyn, N. Y. Arc lamp. 1,577,611; Mar. 23.
Davis, Horace W., Cedarhurst, assignor, by mesne assignments, to Ansco Photoproducts, Inc., New York, N. Y. Camera and film kit. 1,577,958; Mar. 23.
Davis, Joseph G., assignor of one-half to L. L. Thalheimer, Dallas, Tex. Reflector. 1,578,079; Mar. 23.
Davis Sewing Machine Co., The. (See Pearson, John W., assignor.)
Davis, Thomas R., Fairfield, assignor to The Eastern Malleable Iron Co., Bridgeport, Conn. Cast-metal vehicle wheel. 1,578,238; Mar. 23.
Davis, Thomas R., Fairfield, assignor to The Eastern Malleable Iron Co., Bridgeport, Conn. Cast-metal vehicle wheel. 1,578,239; Mar. 23.
Davy, Christopher S., Dulwich, and A. Spyer, London, England, assignors to The Babcock & Wilcox Company, Bayonne, N. J. Mechanical stoker. 1,578,016; Mar. 23.
Dawson, Charles A., River Falls, assignor to Kinnickinnic Tackle Company, Stevens Point, Wis. Fishing-line leader and snell. 1,578,189; Mar. 23.
Day, J. H., Company, The. (See Kirchhoff, William G., assignor.)
Dayton Engineering Laboratories Company, The. (See McDonald, Jerry, assignor.)
Dees, John W., Stockton, Calif. Fishing-pole support. 1,577,612; Mar. 23.
Degen, Lewis. (See Detmers, Fred E., assignor.)
De Laval Separator Company, The. (See Petty, Earl, assignor.)
Delerue, Alfred, assignor to Société des Etablissements Ryo-Catteau, Roubaix, France. Support for bobbin holders. 1,577,451; Mar. 23.
Demaree, Harry S., Chicago, Ill., assignor to The Hoover Company. Suction cleaner. 1,577,696; Mar. 23.
De Mendoza, Antonio. (See Deses, L. G., and de Mendoza.)
Dennis, Samuel K., assignor to International Harvester Company, Chicago, Ill. Fender for cultivators. 1,577,452; Mar. 23.
Denslow, Lorenzo C., Falls Church, Va. Spring jack. 1,577,568; Mar. 23.
Derse, Arthur F., Union Course, and W. B. Wilshusen, Mount Vernon, N. Y. Hinge for folding chairs. 1,578,190; Mar. 23.
Deses, Louis G., and A. de Mendoza, Mexico, Mexico, assignors to Camex Displays Corporation, New York, N. Y. Reel. 1,578,231; Mar. 23.
Detmers, Fred E., Los Angeles, assignor to Lewis Degen, Pasadena, Calif. Signal transmitter. 1,577,634; Mar. 23.
Detroit Patents Holding Company. (See Haggert, John C., Jr., assignor.)
Deutsche Werke Aktiengesellschaft. (See Retterath, Valentin, assignor.)
De Verdier, Bror S. (See Törnblom, Ernst A. E., assignor.)
Devos, Alois. (See Devos, Richard and A.)
Devos, Richard and A., Detroit, Mich. Supervalve. 1,578,191; Mar. 23.
Dewey, Samuel, assignor to J. Millard, Wolcott, Ind. Mouse and rat trap. 1,578,080; Mar. 23.
Dichter, Isador, Chicago, Ill. Floor-lamp stand. Des. 69,748; Mar. 23.
Dichter, Isador, Chicago, Ill. Floor-lamp stand. Des. 69,749; Mar. 23.
Dichter, Isador, Chicago, Ill. Floor-lamp stand. Des. 69,750; Mar. 23.
Dickinson Cord Tire Corporation. (See Dickinson, F. S., and Shepard, assignors.)
Dickinson, Frederick S., and A. E. Shepard, assignors to Dickinson Cord Tire Corporation, New York, N. Y. Cord-making machine. 1,577,521; Mar. 23.
Dictograph Products Corporation. (See Koch, H., and Schönmann, assignors.)
Dictograph Products Corporation. (See Koch, H., and Wohlers, assignors.)
Diggs, Dudley M. (See Butler, Henry E., assignor.)
Di Matteo, James. (See Luisa, F., and Di Matteo.)
Dodge, Joseph F., Chamberlain, S. Dak. Circuit breaker. 1,578,192; Mar. 23.
Doerr, Fred H., Grand Rapids, Mich, assignor to Cheney Talking Machine Company, Chicago, Ill. Nonset stop. 1,577,453; Mar. 23.
Dolle, Robert C., Cincinnati, Ohio. Shipping container and display device. 1,577,823; Mar. 23.
Donley, Alfred J., Bridgeport, Conn. Gauge and scribing tool. 1,577,569; Mar. 23.
Douglas, James D., Detroit, Mich. Portfolio. 1,577,697; Mar. 23.
Douthett, Orin R. (See Forrest, C. N., Hayden, and Douthett.)
Down, Sidney G., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake. Re16,295; Mar. 23.
Drake, Clarke S., Milwaukee, Wis. Engine-cooling indicator. 1,578,193; Mar. 23.
Draper Corporation. (See Rhoades, Alonso E., assignor.)
Drees, Andrew A. (See Rohner, Philip B., assignor.)
Drescher, Clifford G., and C. E. Orrison, Villa Grove, Ill. Antiskid chain for motor vehicles. 1,577,454; Mar. 23.
Dreschler, Louis, St. Louis, Mo. Waterproof footwear. 1,577,791; Mar. 23.
Du Bois-Reymond, Alard, Plon, near Kiel, and L. Adelmann, assignors to the Firm Signal Gesellschaft m. b. H., Kiel, Germany. Electromagnetic sound apparatus. 1,577,741; Mar. 23.
Duck, Frank J. G., Scranton, and R. Bantley, Dunmore, Pa. Automobile tire carrier. 1,577,792; Mar. 23.
Dulany, Washington L., Woodstock, N. Y. Demountable rim. 1,577,455; Mar. 23.
Dunham, Clayton A., Glencoe, assignor to Dunhameter Corporation, Chicago, Ill. Temperature indicator for automobiles. Des. 69,751; Mar. 23.
Dunhameter Corporation. (See Dunham, Clayton A., assignor.)
Dunlop Tire and Rubber Corporation of America. (See Paull, Wallace H., assignor.)
Dunlop Tire and Rubber Corporation of America. (See Willshaw, Harry, assignor.)
Dunmore, Francis W., Washington, D. C. Radio receiving apparatus. 1,577,613; Mar. 23.
Dunn, Michael, et al. (See Sweeney, Dennis, assignor.)
Dunn, John, et al. (See Sweeney, Dennis, assignor.)
Dunne, Timothy J., New York, N. Y. Game apparatus. 1,577,959; Mar. 23.
Du Pont, E. I., de Nemours & Company. (See Abraham, Clinton D., assignor.)
Durham, Cady B., and F. G. Farry, Flint, assignors to General Motors Corporation, Detroit, Mich. Automobile trunk rack. 1,577,793; Mar. 23.
Dusinberre, George B., Elmira, N. Y. Harmonica. 1,577,899; Mar. 23.
Dyson, Alfred H., Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc. Telephone system. 1,578,038; Mar. 23.
E.-Z. Oil Burner Corporation. (See Snowden, Perry J., assignor.)
Eastern Malleable Iron Co. See Davis, Thomas R., assignor.)
Eck, Benjamin L., Marinette, Wis. Boiling and draining kettle. 1,577,522; Mar. 23.
Eberle, John A., St. Louis, Mo. Suspension spring. 1,577,698; Mar. 23.
Edelman, Henry, assignor of one-half to P. Edelman, Philadelphia, Pa. Water and vent box. 1,578,194; Mar. 23.
Edelman, Pauline. (See Edelman, Henry, assignor.)
Edgerton, Benjamin O., Denver, Colo. Air control for vehicle radiators. 1,577,699; Mar. 23.
Edmond, Oscar G., assignor of one-half to White Pine Sash Company, Spokane, Wash. Woodworking machine. 1,577,701; Mar. 23.
Edwards, Arthur J., Toronto, Ontario, Canada. Vision deflector. 1,577,700; Mar. 23.
Edwards, Charles L., Hackensack, N. J. Attachment for canoes. 1,577,614; Mar. 23.
Eggleston, Alonzo, Rochester, Ill. Butcher's refrigerator display case. 1,577,523; Mar. 23.
Egli, Fred, Alliance, Ohio. Pump. 1,577,570; Mar. 23.
Eisemann Magneto Corporation. (See Andrew, Frederick W., assignor.)
Electric Storage Battery Company, The. (See Bridge, Ellis H., assignor.)

Electric Water Sterilizer and Ozone Company. (See Hartman, Harry B., assignor.)
Electro Magnetic Tool Company. (See Knowlson, J. S., and McKeage, assignors.)
Eleman, Charles, Chicago, Ill. Electric-circuit breaker. 1,578,018; Mar. 23.
Elliott, John S., Cranston, R. I., assignor to Coto-Coil Company, Boston, Mass. Coil mounting. 1,577,794; Mar. 23.
Ellis, Lewis M. and F. H. Leslie; said Ellis assignor of his entire right to Winslow Safety High Pressure Boiler Company, Chicago, Ill. Joining tubes to walls. 1,578,010; Mar. 23.
Elmendorf, Armin, Chicago, Ill. Drying and handling wood veneer. 1,578,020; Mar. 23.
Elsey, George W., Anderson, Ind., assignor to General Motors Corporation. Engine-starting apparatus. 1,577,795; Mar. 23.
Elze, Walter C., Forest Hills, assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Heated-concrete mixer. 1,578,021; Mar. 23.
Emery, Harry L., assignor of one-half to E. H. Jeffries, Peoria, Ill. Egg beater. 1,577,615; Mar. 23.
Ende, Frank M., New York, and P. A. E. Armstrong, Loudonville, N. Y. Adjustable electrical resistance apparatus. 1,577,456; Mar. 23.
English, Anna E., Philadelphia, Pa. Traffic semaphore. 1,577,702; Mar. 23.
Enterprise Railway Equipment Company. (See Campbell, Argyle, assignor.)
Ernst, Wilhelm E., Berlin-Schoneberg, Germany. Device for regulating temperatures. 1,578,112; Mar. 23.
Erskine-Danforth Corporation. (See Erskine, Ralph C., assignor.)
Erskine, Ralph C., Stamford, Conn., assignor to Erskine-Danforth Corporation. Desk. Des. 69,752; Mar. 23.
Esslck, Newman, Los Angeles, Calif. Power dump structure. 1,577,635; Mar. 23.
Evans, Albert E., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Drive-gear mechanism for surfacing machines. 1,577,457; Mar. 23.
Evans, Michael, Philadelphia, Pa. Spark plug. 1,577,900; Mar. 23.
Evinrude Motor Company. (See Mould, James A., assignor.)
Fafnir Bearing Company, The. (See Reynolds, Harry R., assignor.)
Fairbanks, E. Hayward, et al. (See Haag, Alfred H., assignor.)
Farris, Carl B., Los Angeles, Calif. 1,577,616; Mar. 23.
Farry, Frank G. (See Durham, C. B., and Farry.)
Fawick, Thomas L., assignor to Twin Disc Clutch Company, Racine, Wis. Friction clutch. 1,577,901; Mar. 23.
Fedeler, John H., New York, N. Y. Clearing and charging air filters. 1,577,703; Mar. 23.
Fee, Orlando M., Lamanda Park, Calif. Combination gravity latch and lock for doors, windows, and gates. 1,578,113; Mar. 23.
Fegley, Thomas J., assignor to North Bro's M'f'g Co., Philadelphia, Pa. Auxiliary handle for wrenches. 1,578,114; Mar. 23.
Fernholtz, Emil, assignor to Fernholtz Machinery Company, Los Angeles, Calif. Block or briquette of liguite and making the same. 1,577,902; Mar. 23.
Fernholtz Machinery Company. (See Fernholtz, Emil, assignor.)
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic-indexing mechanism. 1,578,232; Mar. 23.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic press. 1,578,233; Mar. 23.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Control mechanism for hydraulic drives. 1,578,234; Mar. 23.
Ferris, Walton C., assignor to National Manufacturing Company, Lincoln, Nebr. Scaffold hoist. 1,577,617; Mar. 23.
Fields, Joseph A., New York, N. Y. Combined bottle and holder. Des. 69,753; Mar. 23.
Finneman, Fred K., Portland, Oreg. Saw clamp guard. 1,577,796; Mar. 23.
Fish, Frank M., Crafton, Pa. Chain trolley. 1,577,458; Mar. 23.
Fisher Body Corporation. (See Gould, G. W., and Gathman, assignors.)
Fisher, Howard. (See Thomas, O. M., and Fisher.)
Fitzgerald, John M., Madison, Wis. Safe-protecting device. 1,578,115; Mar. 23.
Fitzgerald, Martin W., Brockton, Mass., assignor to Sears, Roebuck & Co. of Maine, Springvale, Me. Shoe upper. 1,578,195; Mar. 23.
Fisk Rubber Company, The. (See Midgley, Thomas, assignor.)
Fleischer, Charles, Brooklyn, assignor to G. W. G. Boyce, Yonkers, N. Y. Amusement device. 1,578,116; Mar. 23.
Fleming, Edward B., Baltimore, Md. Vaporizer and separator. 1,577,704; Mar. 23.
Flemming, Walter, Breslau, Germany. Manufacturing aromatically-diaubstituted thioureas of symmetric constitution. 1,577,797; Mar. 23.
Florkey, Clarence E., assignor to The Schieble Toy and Novelty Co., Dayton, Ohio. Toy power drive. 1,577,798; Mar. 23.
Florkey, Clarence E., assignor to The Schieble Toy and Novelty Company, Dayton, Ohio. Toy power drive. 1,578,022; Mar. 23.
Foley, Frank, Clarksburg, W. Va. Tilting shade-dimmed headlight. 1,577,571; Mar. 23.
Foot, Stanley R., Choteau, Mont. Combined merchandise indicator and household-account device. 1,577,799; Mar. 23.
Ford, Hannibal C., Jamaica, N. Y., assignor to Ford Instrument Company, Inc. Speed-regulating mechanism. 1,577,618; Mar. 23.
Forder, Milton H., et al. (See Forder, Milton, assignor.)
Forder, Milton, Thief River Falls, assignor to W. H. Forder and M. H. Forder, Buhl, Minn. Timer brush. 1,577,572; Mar. 23.
Forder, William H., et al. (See Forder, Milton, assignor.)
Ford Instrument Company. (See Ford, Hannibal C., assignor.)
Forrest, Charles N., Rahway, H. P. Hayden, Raritan Township, Middlesex County, N. J., and O. R. Douthett, Beaver Falls, assignors to The Barber Asphalt Company, Philadelphia, Pa. Gilsonitic product and its manufacture. 1,578,235; Mar. 23.
Forsberg, Charles A., deceased, Rockford, Ill.; T. Johnson, administrator; said Johnson assignor to Merritt Sales & Engineering Company, Inc., Lockport, N. Y. Veneer joiner. 1,577,960; Mar. 23.
Foster, John F., Fort Madison, Iowa. Roller bearing. 1,577,705; Mar. 23.
Fowler, George, Liverpool, England. Surgical truss. 1,577,459; Mar. 23.
Fowler & Union Horse Nail Company, The. (See Lange, Gustave W., and G. M., assignors.)
Fowlie, Bert C., Huntington Beach, Calif. Pump attachment. 1,577,706; Mar. 23.
Fox, James A., Warren, Ohio. Signaling device for motor vehicles. 1,577,707; Mar. 23.
Franca, Abilio, Fall River, Mass. Electric magnetic motor. 1,577,460; Mar. 23.
Frankelite Company, The. (See Holz, Bernard, assignor.)
Fraymouth, William A., assignor to The Bhopal Produce Trust Limited, Bhopal, Central India. Recovering oxalate from the tree barks. 1,577,573; Mar. 23.
Frazee, Frank D., Springfield, Ill. Window-awning fixture. 1,578,081; Mar. 23.
Freyn, Brassert & Company. (See Hayes, John C., jr., assignor.)
Frick Company. (See Small, Norman M., assignor.)
Gahring, George J., San Antonio, Tex. Curtain stretcher. 1,578,117; Mar. 23.
Gallagher, John P., Jersey City, N. J., assignor to Magor Car Corporation, New York, N. Y. Combined draft arm and center sill reenforcement. 1,577,961; Mar. 23.
Gallenkamp, Ernest W., Connersville, Ind. Sectional joint. 1,577,708; Mar. 23.
Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rotary cutter. 1,577,619; Mar. 23.
Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rotary cutter. 1,577,620; Mar. 23.
Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Cutter for sheet material. 1,577,621; Mar. 23.
Garcia, Abilio F., Santa Clara, Calif. Beet topper. 1,577,742; Mar. 23.
Gaskins, Palemon H., Jacksonville, Fla. Combined fastener and handle for automobile doors. 1,578,118; Mar. 23.
Gassinger, August A., Baltimore, Md. Window screen. 1,577,574; Mar. 23.
Gathman, Monte B. (See Gould, G. W., and Gathman.)
Gaston, Ralph M., Chicago, Ill., assignor, by mesne assignments, to Wayne Tank & Pump Company, Fort Wayne, Ind. Liquid-fuel burner. 1,577,622; Mar. 23.
Gatchell, Frederick D., New York, N. Y. Locker and display rack for oil in sealed containers. 1,577,962; Mar. 23.
General Motors Corporation. (See Durham, C. B., and Farry, assignors.)
General Motors Corporation (See Elsey, George W., assignor.)
General Motors Corporation. (See Hardman, Frederick J., assignor.)
General Motors Corporation. (See Midgley, Thomas, jr., assignor.)
Geiger, Herman R., Bronxville, N. Y. Shaft coupling. 1,577,575; Mar. 23.
George, Ruth, Omaha, Nebr. Combination doll and pincushion. Des 69,754; Mar. 23.
Gerlach, Agnes M., executrix. (See Gerlach, Paul.)
Gerlach, Paul, deceased, Saskatoon, Saskatchewan, Canada; A. M. Gerlach, executrix. Adjustable straw guide for binders. 1,577,963; Mar. 23.
Gilbert, Israel B., Cincinnati, Ohio. Automatic regrinding valve. 1,577,964; Mar. 23.
Gilmartin, Daniel T., jr. (See Clark, E., and Gilmartin.)
Glasser, Maurice M., Charleston, S. C. Ceiling fan. 1,577,461; Mar. 23.
Glessner, Charles E., Portland, Oreg. Vacuum dehydrator. 1,577,709; Mar. 23.

Goldberger, Morris, assignor to Cresco Creamery Supply Co., Chicago, Ill. Mechanical movement. 1,577,710; Mar. 23.
Goldrick, Albert R., assignor, by mesne assignments, to A. E. Hodgins, Cleveland, Ohio. Vehicle spring cover. 1,577,623; Mar. 23.
Goldstein, Samuel, New York, N. Y. Fur clasp. 1,577,624; Mar. 23.
Goodman, Harry S., assignor to Bankers Thrift Corporation, Chicago, Ill. Small coin savings bank. 1,578,240; Mar. 23.
Goodrich, B. F., Company, The. (See Gammeter, John R., assignor.)
Goodrich, B. F., Company, The. (See Schippel, Henry F., assignor.)
Goodrich, B. F., Company, The. (See Tew, James D., assignor.)
Goodwin, William M., Central Square, N. Y. Valve-operating mechanism for internal-combustion engines. 1,577,965; Mar. 23.
Gordon, Albert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp stop motion. 1,577,711; Mar. 23.
Gossett, Purk T., Frankfort, assignor to A. P. Green and R. J. Moran, Attica, Ind. Bucking automobile. 1,577,743; Mar. 23.
Gould, George W., and M. B. Gathman, assignors to Fisher Body Corporation, Detroit, Mich. Automatic machine for cutting door stiles. 1,577,744; Mar. 23.
Gover, Alfred E., and C. H. Hartman, Port Jefferson, N. Y. Mechanically-operated figure. 1,577,903; Mar. 23.
Graham, James M., Atlanta, Ga. Fracture frame. 1,577,712; Mar. 23.
Green, Alonzo P., et al. (See Gossett, Purk T., assignor.)
Greenleaf, Robert P., Shaker Heights, assignor to F. Billings, Cleveland, Ohio. Car-loading system. 1,578,023; Mar. 23.
Greenleaf, Robert P., Shaker Heights, assignor to F. Billings, Cleveland, Ohio. Loading system. 1,578,024; Mar. 23.
Grider, John C., Berkeley, Calif. Trunk. 1,577,745; Mar. 23.
Grigsby, Bertram J., Park Ridge, assignor, by mesne assignments, to Appleton Electric Co., Chicago, Ill. Inside-controlled vehicle searchlight. 1,578,025; Mar. 23.
Grimaldi, Ignatius B., Brooklyn, N. Y. Life-saving automobile fender. 1,577,904; Mar. 23.
Grindle Fuel Equipment Company. (See Brown, Joseph E., and Taylor, assignors.)
Groebli, Joseph A., New York, N. Y. Bead-sewing machine. 1,577,905; Mar. 23.
G'Sell, Julius F., Jerseyville, Ill., assignor, by mesne assignments, to International Shoe Company, St. Louis, Mo. Making shoes. 1,577,524; Mar. 23.
G'Sell, Julius F., Jerseyville, Ill., assignor, by mesne assignments, to International Shoe Company, St. Louis, Mo. Apparatus for making spring-heel shoe soles. 1,577,525; Mar. 23.
Gulf Refining Company. (See McAfee, Almer, assignor.)
Gulf Refining Company. (See Prichard, G. L., and Henderson, assignors.)
Haag, Alfred H., Baltimore, Md., assignor of forty one-hundredths to E. Roberts, Moorestown, and of twenty one-hundredths to E. H. Fairbanks, Merchantville, N. J. Radiocabinet. 1,578,246; Mar. 23.
Haggart, John C., jr., Alma, assignor, by mesne assignments, to Detroit Patents Holding Company, Detroit, Mich. Vehicle chassis. 1,578,026; Mar. 23.
Hahn, Frank R., Decatur, Ill. Building construction. 1,577,906; Mar. 23.
Hale, Thomas H., Spokane, Wash. Direction indicator. 1,577,713; Mar. 23.
Hall, Samuel N. (See Layne, M. E., and Hall.)
Hamilton, Tyre M., Hapeville, Ga. Electrically heated steering wheel. 1,577,576; Mar. 23.
Haney, Edwin H., San Bernardino, Calif. Speed warning and indicating device. 1,578,082; Mar. 23.
Hanna, David B., Chicago, Ill. Pole-making machine. 1,577,907; Mar. 23.
Hanna, William T., Cincinnati, Ohio. Power-transmission device. 1,577,462; Mar. 23.
Hansen, Henry, Modesto, Calif. Milk strainer and filter. 1,577,746; Mar. 23.
Hansen, Henry, Bisbee, Ariz. Wave motor. 1,577,966; Mar. 23.
Hanshew, George O. (See Masury, A. F., and Hanshew.)
Hardman, Frederick J., Dayton, Ohio, assignor to General Motors Corporation. Electrical starting apparatus. 1,577,800; Mar. 23.
Harris, Alexander B., New York, N. Y. Book-match cover. 1,578,119; Mar. 23.
Harris, Charles E., Brazil, Ind. Tool. 1,578,120; Mar. 23.
Harris Electric Company. (See Bushnell, John B.)
Harris, M. C., et al. (See Bushnell, John B., assignor.)
Harris, N. R., et al. (See Bushnell, John B., assignor.)
Harsch, John W., assignor to Leeds & Northrup Company, Philadelphia, Pa. Electric-furnace system. 1,578,027; Mar. 23.
Hartman, Christian H. (See Gower, A. E., and Hartman.)
Hartman, Harry B., assignor to Electric Water Sterilizer and Ozone Company, Scottdale, Pa. Air-cooled generating unit for low-frequency apparatus. 1,577,747; Mar. 23.
Harvey, Leo M. (See Taeubert, Edmund E., assignor.)
Haskins, Philip H., Charlotte, N. C. Slip scoop. 1,577,577; Mar. 23.
Hass, Carl H. (See Thornbrugh, Alvin, assignor.)
Hauck Manufacturing Company. (See Else, Walter C., assignor.)
Haw, Matthias M., Brooklyn, N. Y. Making rubber substance. 1,578,121; Mar. 23.
Hawley, George F., San Francisco, Calif. Calendar. 1,577,907; Mar. 23.
Hawley, Jesse B., St. Charles, Ill. Sound-amplifying cabinet. Des. 69,755; Mar. 23.
Hawthorne, William B., Chicago, Ill. Radiator cap. Des. 69,756; Mar. 23.
Hayden, Arthur C., Brockton, Mass. Radio tuning device. 1,577,714; Mar. 23.
Hayden, Harold P. (See Forrest, C. N., Hayden, and Douthett.)
Hayes, John C., jr., assignor to Freyn, Brassert & Company, Chicago, Ill. Apparatus for operating bin gates. 1,577,636; Mar. 23.
Healy, Kenneth N., River Falls, Wis. Door construction for hog houses. 1,578,028; Mar. 23.
Hedborg, Fritz E. A., et al. (See Törnblom, Ernst A. E., assignor.)
Heiney, John W., Allentown, Pa., assignor to International Motor Company, New York, N. Y. Step for vehicle bodies. 1,578,029; Mar. 23.
Hellweg, Henry, Milwaukee, Wis., assignor of fifty-one per cent to F. O. Richey, Cleveland, and forty-nine per cent to E. Richardson, Maumee, Ohio. Floor mat for automobiles. 1,577,526; Mar. 23.
Hemmingsen, Torkild V., Copenhagen, Denmark. Joint between walls separating two gaseous or liquid fluids under pressure. 1,577,968; Mar. 23.
Henderson, Herbert. (See Prichard, G. L., and Henderson.)
Hendrickson, Robert O., assignor to J. I. Case Plow Works Company, Racine, Wis. Air cleaner for internal-combustion engines. 1,577,715; Mar. 23.
Henry, Beulah L., New York, N. Y., assignor of one-fourth to E. B. Twombly, Summit, N. J. Soap holder. 1,577,861; Mar. 23.
Henry & Wright Manufacturing Company, The. (See Sherman, C. F., and Andrews.)
Herrera, Baldomero M., Alfonso, Cavite, P. I. Amusement device. 1,577,578; Mar. 23.
Herrick, Ruth, Minneapolis, Minn. Protector for shoes and stockings. 1,577,716; Mar. 23.
Herron, M. M. (See West, Claude, assignor.)
Hess Arthur, assignor of one-half to S. L. Marsh, Los Angeles, Calif. Backflow check. 1,577,637; Mar. 23.
Hess, Arthur, assignor of one-half to S. L. Marsh, Los Angeles, Calif. Bracket-hanger backing. 1,577,638; Mar. 23.
Hesse, Otto H., Leavenworth, Kans. Tractor trailer. 1,577,463; Mar. 23.
Hewitt, Albertis. (See Owen, J. W., and Hewitt.)
Hewitt, Edgar H. (See Parker, A. F., Hewitt, and Watkins.)
Hibbard, Frank F., Lodi, Calif. Roof-framing scale. 1,577,717; Mar. 23.
Hickingbotham, Joseph C., assignor to Shreve & Company, San Francisco, Calif. Beverage container. 1,577,969; Mar. 23.
Higgins, Mabel W., Scarsdale, N. Y. Jellifying product and making same. 1,578,122; Mar. 23.
High, Joseph A., Washington, D. C. Vent guard. 1,577,464; Mar. 23.
Hillford, Vincent, Newark, N. J. Control mechanism for automobiles. 1,578,244; Mar. 23.
Hills, Irad W., Stanley, Wis. Trap drum for animal traps. 1,578,196; Mar. 23.
Hines, James F., Lakewood, Ohio. Mold container. 1,577,718; Mar. 23.
Hinnant, Stephen H., Lemon City, Fla. Adjusting device. 1,578,123; Mar. 23.
Hirschberg, Paul W., Los Angeles, Calif. Vent cap for heaters and the like. 1,578,030; Mar. 23.
Hirschler, Horace L., San Francisco, Calif. Motion-transmitting device. 1,577,579; Mar. 23.
Hodges Carpet Company. (See Ashmead, R., and Collins, assignors.)
Hodgins, Albert E. (See Goldrick, Albert R., assignor.)
Hodgkinson, Francis, Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Condenser. 1,578,031; Mar. 23.
Hodgkinson, Francis, Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Condenser. 1,578,032; Mar. 23.
Hohl, John, Newark, N. J. Electric socket. 1,578,033; Mar. 23.
Holden, William H. T., Brooklyn, N. Y., assignor to American Telephone & Telegraph Company. Electrical protective device. 1,577,719; Mar. 23.
Holden, William H. T., Brooklyn, N. Y. assignor to American Telephone & Telegraph Company. Acoustic shock absorber for telephone lines. 1,577,720; Mar. 23.
Holloway, Bert R., Van Nuys, Calif. Chicken-carrier truck. 1,577,639; Mar. 23.

Hollowell, Robert T., et al. (See Warmoth, Henry E. assignor.)
Holmes, E. & B., Machinery Co. (See Beugler, Edwin F., assignor.)
Holmes, Verne L., Los Angeles, Calif. Bed construction. 1,577,721; Mar. 23.
Holz, Bernard, assignor to The Frankelite Company, Cleveland, Ohio, Harp or lamp-shade holder. 1,578,124; Mar. 23.
Hoover, Arthur L., assignor to The Hoover Manufacturing Company, Avery, Ohio. Separator for diggers. 1,578,034; Mar. 23.
Hoover Company, The. (See Demaree, Harry S., assignor.)
Hoover Manufacturing Company, The. (See Hoover, Arthur L., assignor.)
Horn Surgical Company. (See Price, Joseph T., assignor.)
Horton, Charles M., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Machine for sewing bulling pads. 1,577,640; Mar. 23.
Horton, Joseph W., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Generation and control of electric waves. 1,577,722; Mar. 23.
Hosterman, Harry L., assignor to The Akron Motor & Manufacturing Company, Akron, Ohio. Internal-combustion engine. 1,577,970; Mar. 23.
Houge, Thomas S., Winona, Minn. Mucilage bottle. 1,577,465; Mar. 23.
Howat, John B., Sharon, Pa. Hinge. Des. 69,757; Mar. 23.
Howling Tom Cats of America, The. (See Jenkins, Charles E., assignor.)
Hoyt, William H., and S. B. Mann, Oneonta, N. Y. Motor-vehicle windshield. 1,577,527; Mar. 23.
Hughes, Edward M., Chester, assignor to Sun Oil Company, Philadelphia, Pa. Making organic-acid soap from mineral oils. 1,577,723; Mar. 23.
Hull, Matthew R., assignor to Rex Manufacturing Company, Connersville, Ind. Door for automobiles having demountable tops. 1,578,125; Mar. 23.
Hultgren, David A., Chicago, Ill., and C. Taylor, East Orange, N. J., assignors to Massey Concrete Products Corporation, Chicago, Ill. Cribbing. 1,578,126; Mar. 23.
Humphreys, Ira B., Denver, Colo. Pumping mechanism. 1,577,971; Mar. 23.
Hungerford, Warren H. (See Peters, F. M., and Hungerford.)
Hunt, William H., San Jose, Calif. Paper-bag dispenser. 1,577,641; Mar. 23.
Hynes, John J., Maple Grove, assignor to C. M. Daly, O'Neill, Nebr. Ventilating device for mittens and gloves. 1,578,127; Mar. 23.
Hynes, Lee P., assignor to Consolidated Car-Heating Company, Albany, N. Y. Door-motor control. 1,577,908; Mar. 23.
Hynes, Richard B. (See Nash, Charles A., assignor.)
Hyre, Gratton B., Pierce, W. Va. Compression brake. 1,577,466; Mar. 23.
Ideal Novelty and Toy Co. (See Rommer, Isaac A., assignor.)
Ingersoll-Rand Company et al. (See Rathbun, George J., assignor.)
Ingersoll-Rand Company. (See Smith, William A., assignor.)
Inland Engineering Company. (See Jones, Frank, assignor.)
International Harvester Company. (See Dennis, Samuel K., assignor.)
International Motor Company. (See Heiney, John W., assignor.)
International Motor Company. (See Leipert, August H., assignor.)
International Motor Company. (See Masury, A. F., and Hanshew, assignors.)
International Motor Company. (See Rodgers, Walter I., jr., assignor.)
International Shoe Company. (See G'Sell, Julius F., assignor.)
International Silver Company. (See Beck, Ernest T., assignor.)
International Time Recording Company of New York. (See, Bryce, James W., assignor.)
Interstate Folding Box Company, The. (See Bergstein, S., and Miller, assignors.)
Iowa State College of Agriculture and Mechanic Arts. (See Marston, Anson, assignor.)
Irvington Smelting & Refining Works. (See Dassbach, August, assignor.)
Irwin, William J., Tacoma, Wash. Type-bar-casting machine. 1,577,801; Mar. 23.
Ishiyama, Shosaku, Los Angeles, Calif. Paint remover for automobiles. 1,577,824; Mar. 23.
Isom, Edward W., Locust Valley, assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbon oils. 1,578,035; Mar. 23.
Jacobs, Arnold N. P., Copenhagen, Denmark. Production of ornaments, lettering, or the like on artificial stone. 1,577,972; Mar. 23.
Jacobson, Henry L., San Francisco, Calif. Hatrack for automobiles. 1,577,826; Mar. 23.
Jacobson, John E., Olympia, Wash. Weeder. 1,578,128; Mar. 23.
Jacobson, John E., Olympia, Wash. Spraying device. 1,578,129; Mar. 23.
Jackson, William. (See Marsa, M., and Jackson.)
Jaeger, Gebhard, assignor to The Jaeger Machine Company, Columbus, Ohio. Concrete mixer. Re16,296; Mar. 23.
Jaeger Machine Company, The. (See Jaeger, Gebhard, assignor.)
Jaeger, William E. (See Nelson, Charles S., assignor.)
Jameson, William C., Sabinal, Tex. Tunneling machine. 1,577,528; Mar. 23.
Jeffries, Earl H. (See Emery, Harry L., assignor.)
Jeffries, Frank G., and F. A. Lavedan, College Point, N. Y. Tool holder. 1,577,467; Mar. 23.
Jenkins, Charles E., assignor to The Howling Tom Cats of America, New Castle, Pa. Fez or similar article. Des. 69,758; Mar. 23.
Jenkins, Walter S., Brooklyn, assignor to Colgate & Company, New York, N. Y. Display stand for soap boxes. 1,577,724; Mar. 23.
Jenkinson, R. C., & Co. (See Bauer, Adolph.)
Jenkinson, Richard C. (See Bauer, Adolph, assignor.)
Jenness, Almie M., Dover, N. H. Bed attachment. 1,577,825; Mar. 23.
Jenny, Alexander, and J. Angerstein, Berlin, Germany, assignors, by mesne assignments, to American Electro-Osmosis Corporation, New York, N. Y. Manufacture of gelatin suitable for emulsions. 1,577,642; Mar. 23.
Johnson, Adolph A., Hanes, N. C., assignor, by mesne assignments, to Danville Conditioning Machine Company, Inc., Danville, Va. Cone-winding machine. 1,578,243; Mar. 23.
Johnson, Chester F., Detroit, Mich. Carburetor. 1,577,802; Mar. 23.
Johnson, Clarence B., Norfolk, Va. Float valve. 1,578,130; Mar. 23.
Johnson, Elmer. (See Schrade, A. J., and Johnson.)
Johnson, Gustaf, Benson, Ariz. Machine for packing explosives. 1,578,036; Mar. 23.
Johnson, James A., assignor to Danville Conditioning Machine Company, Danville, Va. Yarn-treating mechanism for winding machines. 1,578,241; Mar. 23.
Johnson, James A., assignor to Danville Conditioning Machine Company, Danville, Va. Yarn-treating mechanism for winding machines. 1,578,242; Mar. 23.
Johnson, Truman, administrator. (See Forsberg, Charles A.)
Johnston Clay Works. (See Johnston, Garland F., assignor.)
Johnston, Garland F., Fort Dodge, assignor to Johnston Clay Works, Clayworks, Iowa. Tile cutter. 1,577,973; Mar. 23.
Jones, Ephraim R., Corbin, Ky. Embalming accessory. 1,577,827; Mar. 23.
Jones, Frank, Salt Lake City, Utah, assignor, by mesne assignments, of one-half to Inland Engineering Company. Trough belt conveyer. 1,577,725; Mar. 23.
Jones, John F., Chicago, Ill. Automatic floor indicator for passenger elevators. 1,578,131; Mar. 23.
Jorgensen, Clarence H. and P. J., Waupaca, Wis. Lubricant cup. 1,577,643; Mar. 23.
Jorgensen, Peter J. (See Jorgensen, Clarence H. and P. J.)
Jourdan, John P., Chicago, Ill. Fruit press. 1,578,037; Mar. 23.
Joyce, Bryan P., Davenport, Iowa, assignor to D. M. King. Counterpoise. 1,577,529; Mar. 23.
Juengst, Charles A., Croton Falls, N. Y., assignor to American Assembling Machine Company, Memphis, Tenn. Trimmer feeder. 1,577,644; Mar. 23.
Justice, John B., et al. (See Warmoth, Henry E., assignor.)
Jutz, Benedikt, Wilmington, Calif. Hat support. 1,577,645; Mar. 23.
Kaefer, John, jr., assignor to Aluminum Foundry Company, Cincinnati, Ohio. Ham boiler and the like. 1,578,132; Mar. 23.
Kais, Achille, Highland Park, Mich. Burner. 1,578,133; Mar. 23.
Kaiser, William F., Archer, Iowa. Fruit-jar vise. 1,578,134; Mar. 23.
Kaiserman, Achille, and A. Zaugg, Highland Park, Mich.; said Zaugg assignor to said Kaisermann. Burner. 1,578,135; Mar. 23.
Kaisling, William, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Distributor. 1,577,468; Mar. 23.
Kane, Murray A., Johnstown, Pa. Luggage carrier. 1,578,136; Mar. 23.
Kaplan, Joseph, Newport, R. I. Toy scale. 1,578,137; Mar. 23.
Karasiewicz, Bronislaw, Cleveland, Ohio. Brake-lining fastener for automobile brakes. 1,577,530; Mar. 23.
Karge, Fred W., Chicago, Ill. Combination fireplace and container for radio receiving sets. 1,577,727; Mar. 23.
Kath, Willy, Berlin-Friedenau, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Recording Venturi meter. 1,577,909; Mar. 23.
Katzin, Jacob S., assignor of one-half to M. Maudelstein, Newark, N. J. Flush-tank valve mechanism. 1,577,728; Mar. 23.

Kaufman, Frank M., Philadelphia, Pa. Textile fabric. Des. 69,759; Mar. 23.
Keith, Alexander E., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Release for automatic telephone system. 1,578,017; Mar. 23.
Kellogg Switchboard and Supply Company. (See Cassaday, Ormond F., assignor.)
Kellogg Switchboard and Supply Company. (See Kaisling, William, assignor.)
Kelly, Frank J., Brooklyn, N. Y. Car indicator. 1,578,039; Mar. 23.
Kelley, John M., Rochester, N. Y., assignor to Protane Corporation, Erie, Pa. Tank. 1,577,974; Mar. 23.
Kercher, Arthur J., Berkeley, Calif. Pressure-controlling device. 1,577,862; Mar. 23.
Kercher, Arthur J., Berkeley, Calif. Water heater. 1,577,863; Mar. 23.
Keyes, John F., Springfield, Mass. Milling vise. 1,578,197; Mar. 23.
Kilmer, Elmer A., Hiram, Ohio. High chair. 1,578,040; Mar. 23.
Klug, David M. (See Joyce, Bryan P., assignor.)
King, Moses E., Neenah, Wis. Envelope. 1,577,828; Mar. 23.
King, William A., Memphis, Tenn. Automobile body. Des. 67,906; Mar. 23.
Kinnickinnic Tackle Company. (See Dawson, Charles A., assignor.)
Kirchhoff, William G., assignor to The J. H. Day Company, Cincinnati, Ohio. Tray-loading mechanism. 1,577,469; Mar. 23.
Kirchner, Walter, assignor to Chemische Fabrik Grünau Landshoff & Meyer Aktiengesellschaft, Grunau, near Berlin, Germany. Preparing cement. 1,578,139; Mar. 23.
Kirk, Isaac R., Weston, Mo. River-bank-protective means. 1,578,138; Mar. 23.
Kirkman, Thomas W., New York, N. Y. Loud-speaker casing. 1,577,580; Mar. 23.
Kiser, Alpheus L., Knoxville, Tenn. Projecting apparatus. 1,578,140; Mar. 23.
Klausmeyer, Davis C., assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Safety spindle counterbalance. 1,577,975; Mar. 23.
Klein, Benjamin F. (See Pfleager, Roscoe C., assignor.)
Knight, Albert E., Fairmont, W. Va. Apparatus for glazing edges of glassware. 1,577,581; Mar. 23.
Knowlson, Frederick, and J. H. Stevenson, Ann Arbor, Mich. Door-fastening mechanism. 1,578,041; Mar. 23.
Knowlson, James S., Oak Park, and R. S. McKeage, assignors to Electro-Magnetic Tool Company, Chicago, Ill. Power-driven tool-operating device. 1,577,976; Mar. 23.
Koch, Edgar W. (See Walker, William, assignor.)
Koch, Henry, and A. Schönmann, Jamaica, N. Y., assignors to Dictograph Products Corporation. Headband. 1,577,910; Mar. 23.
Koch, Henry, and F. H. N. Wohlers, Jamaica, N. Y., assignors to Dictograph Products Corporation. Loud speaker for vehicles. 1,577,911; Mar. 23.
Koebig, Julius, Hollywood, Calif. Production of lasting colored stains in and upon the surface of cement or other building material. 1,577,729; Mar. 23.
Koehler, George H., Cleveland, Ohio, assignor to Landers, Frary & Clark, New Britain, Conn. Utensil handle. 1,577,470; Mar. 23.
Kops Bros. Inc. (See Kops, Waldemar, assignor.)
Kops, Waldemar, New York, N. Y., assignor to Kops Bros. Inc. Apparel garment. 1,578,042; Mar. 23.
Kornblum, Morris, Brooklyn, N. Y. Combined lamp base and ash receiver. Des. 69,761; Mar. 23.
Kouka, Horace H., assignor to Champion Pneumatic Machinery Company, Chicago, Ill. Air-compressing system. 1,577,730; Mar. 23.
Kovanda, Joseph, West Allis, Wis. Chaplet for foundry use. 1,578,043; Mar. 23.
Krenz, Rudolph, assignor to Buffalo Weaving and Belting Co., Buffalo, N. Y. Antisqueak web. 1,577,582; Mar. 23.
Krueger, Emil M., assignor to Badger Meter Mfg. Company, Milwaukee, Wis. Compound meter valve. 1,577,731; Mar. 23.
Kruttschnitt, E. Minna, executrix. (See Kruttschnitt, Julius.)
Kruttschnitt, Julius, deceased, New Canaan, Conn.: E. M. Kruttschnitt, executrix. Railway tie plate. 1,577,829; Mar. 23.
Kruttschnitt, Julius, deceased, New Canaan, Conn.: E. M. Kruttschnitt, executrix. Railway tie plate. 1,577,830; Mar. 23.
Kucera, Frank A., and C. F. Rubel, assignors to Union Special Machine Company, Chicago, Ill. Closing filled paper sacks. 1,577,471; Mar. 23.
Kucera, Frank A., and C. F. Rubel, assignors to Union Special Machine Company, Chicago, Ill. Machine for closing paper sacks. 1,577,472; Mar. 23.
Kurowski, Julian B., London, England. Vending kiosk. Des. 69,762; Mar. 23.
Laabs, William, Milwaukee, Wis., assignor to The Allbright-Nell Company, Chicago, Ill. Rendering fat and oil containing solids of animal origin. 1,578,245; Mar. 23.
La Bour, Harry E., Chicago, Ill. Centrifugal pump. 1,578,236; Mar. 23.
Lamb, Charles, assignor to West American Rubber Company, Inc., Los Angeles, Calif. Piston for slush pumps. 1,577,832; Mar. 23.
Lambert, Wesley, and A. A. Mead, London, assignors to J. Stone & Company, Limited, Deptford, England. Enameling pipes. 1,577,531; Mar. 23.
Lamont, James B., and F. A. Lorenz, San Francisco, Calif. Draft deflector for windows. 1,577,733; Mar. 23.
Lamson Company, The. (See Maclaren, James G., assignor.)
Landers, Frary & Clark. (See Koehler, George H., assignor.)
Lane, John H. (See Campbell, William P., assignor.)
Lane, John H., et al. (See Campbell, William P., assignor.)
Langdale, Rupert H., Cincinnati, Ohio. Shock absorber. 1,577,734; Mar. 23.
Lange, Gustav M. (See Lange, Gustav W. and G. M.)
Lange, Gustav W. and G. M., Buffalo, assignors to The Fowler & Union Horse Nail Company, Tonawanda Township, N. Y. Wire-shaping machine. 1,578,141; Mar. 23.
Lange, John L., Dumont, N. J. Storage-battery jar. 1,577,912; Mar. 23.
Langstein, Egon. (See Wolf, K., and Langstein.)
Lannert, John A., Cleveland, Ohio. Press for forming tile blanks. 1,578,198; Mar. 23.
Laparle, Edward, Oakland, Calif. Valve-truing tool. 1,577,735; Mar. 23.
Lapsley, Howard G., Palmfield, N. J., assignor to Metals Refining Corporation. Purifying molten metals. 1,578,044; Mar. 23.
Larsh, Everett P., Dayton, Ohio. Short circuiter. 1,577,736; Mar. 23.
Larson, Otto C., Brooklyn, N. Y. Removable valve seat. 1,577,913; Mar. 23.
Laskowski, Frank J., Bethlehem, Pa. Game. 1,578,142; Mar. 23.
Latta, Charles, St. Louis, Mo. Air-intake control for carburetors. 1,577,473; Mar. 23.
Lavedan, Frederick A. (See Jeffries, F. G., and Lavedan.)
Layne & Bowler Corporation. (See Layne, M. E., and Hall, assignors.)
Layne, Mahlon E., Houston, Tex., and S. N. Hall, South Pasadena, assignors to Layne & Bowler Corporation, Los Angeles, Calif. Means for facilitating the removal or disassembling of rotary pump mechanism. 1,577,737; Mar. 23.
Leabo, Elbert L., Boyd, Oreg. Test-bottle-shaking machine. 1,578,143; Mar. 23.
Leavitt, Frederick C., Los Angeles, Calif. Auxiliary auto spring. 1,577,864; Mar. 23.
Lebrun, Eugene J., et al. (See Carrier, Alsime, assignor.)
Le Bus, George F., Electra, Tex. Inside pipe cutter. 1,577,474; Mar. 23.
Le Cain, John A., Malden, Mass. Steam-engine valve gear. 1,577,914; Mar. 23.
Lee, John and C. Pearson, Ingersoll, Ontario, Canada. Container-opening device. 1,578,144; Mar. 23.
Leeds & Northrup Company. (See Harsch, John W., assignor.)
Lefkowitz, Charles, Newark, N. J. Container. 1,577,738; Mar. 23.
Ledin, Charles, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Padlock. 1,577,977; Mar. 23.
Lee Tire & Rubber Company. (See Murray, Harley P., assignor.)
Leiman Bros. (See Leiman, Edward C., assignor.)
Leiman, Edward C., Nutley, N. J., assignor to Leiman Bros., New York, N. Y. Pump and motor mounting. 1,577,915; Mar. 23.
Leipert, August H., assignor to International Motor Company, New York, N. Y. Cushion connection for vehicle construction. 1,578,145; Mar. 23.
Lennox, Charles G., assignor to Warren-Kahee, Incorporated, Rochester, N. Y. Badge. Des. 69,763; Mar. 23.
Lenoir, Percy T., Hattiesburg, Miss. Bumper. 1,578,146; Mar. 23.
Leslie, Freeland H. (See Ellis, L. M., and Leslie.)
Levinson, Maurice C., Long Beach, Calif., assignor to Auto Theft Alarm Corporation. Combination electric switch lock. 1,577,803; Mar. 23.
Libbey Glass Manufacturing Company, The. (See Parker, Alvah C., assignor.)
Libbey Glass Manufacturing Company, The. (See Parker, A. C., and Schreiber, assignors.)
Libbey Glass Manufacturing Company, The. (See Schrader, Ernest C., assignor.)
Lilienfeld, Julius E., assignor of one-half to W. H. Bristol, Waterbury, Conn. Autoelectronic device. 1,578,045; Mar. 23.
Lincoln Electric Company, The. (See Peck, Cecil C., assignor.)
Lincoln Radio Corporation. (See Bates, Carl S., assignor.)
Link Belt Company. (See Rapp, Axel G. J., assignor.)
Lipcot, Fred L., assignor to The Rubber Shock Insulator Company, Inc., New York, N. Y. Cushion connection for vehicle construction. 1,578,147; Mar. 23.
Liska, Frederick W., assignor of one-third to M. E. Nickels, Englewood, Colo. Life-saving device. 1,577,475; Mar. 23.

Lissen, Olov G., Jersey City, N. J. Dashpot. 1,578,148; Mar. 23.
Livsey, Charlesworth, Wallasey, England. Fountain or reservoir pen. 1,577,646; Mar. 23.
Ljungström, Fredrik, Brevik, Lidingon, assignor to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden. Toothed gearing for turbine locomotives. 1,577,532; Mar. 23.
Lockwood, John S., Cleveland, Ohio. Child's two-wheel vehicle. 1,578,149; Mar. 23.
Logan, Henry H., Chicago, Ill. Safety valve for hot-water heaters. 1,578,046; Mar. 23.
Lomanitz, Sebastian, Houston, Tex. Insecticides sticker mixture. 1,577,916; Mar. 23.
Lopez, Domingo, St. Albans, W. Va. Manufacturing arsenates. 1,578,150; Mar. 23.
Lorenz, Ferdinand A. (See Lamont, J. B., and Lorenz.)
Lorraine, David G., Los Angeles, Calif. Method and apparatus for separating gas and oil. 1,577,917; Mar. 23.
Loukes, Harris F., Stockton, Calif. Headlight reflector. 1,577,739; Mar. 23.
Lovejoy Development Corporation. (See Lovejoy, Dimmitt R., assignor.)
Lovejoy, Dimmitt R., assignor to Lovejoy Development Corporation, New York, N. Y. Electrical condenser. 1,577,748; Mar. 23.
Lox Seal Corporation, The. (See Behrman, Marcus B., assignor.)
Luisa, Frank, and J. Di Matteo, New York, N. Y. Twin-label cutter. 1,577,918; Mar. 23.
Luks, Albert, Brooklyn, N. Y. Dental clasp. 1,577,831; Mar. 23.
Lum, Walter O., Brooklyn, assignor to Rio-Dry Incorporated, Syracuse, N. Y. Drying device for the lavatory. 1,578,047; Mar. 23.
Mabee, Alexander C., Villa Park Ill. Check writer and protector. 1,578,048; Mar. 23.
MacGregor, John H., Portland, Oreg. Equalized roller press for pipe manufacturing. 1,577,476; Mar. 23.
Maclaren, James G., Syracuse, N. Y., assignor by mesne assignments, to The Lamson Company. Distributing apparatus for conveyer systems. 1,578,155; Mar. 23.
MacLean, John A., Hampton N. J. Vaporizer. 1,577,838; Mar. 23.
Macomber, Harkey M., Downey, and H. H. Pyron, Fullerton, Calif. Device for use in connection with drilling tools. 1,577,740; Mar. 23.
Madsen, Martin, Monterey Park, Calif. Portable paving plant. 1,577,647; Mar. 23.
Maggi, Caesar, Kellogg, Idaho. Sanitary mattress. 1,577,832; Mar. 23.
Magor Car Corporation. (See Gallagher, John P., assignor.)
Mahé de Chenal de la Bourdonnais, Charles, Loventor Manor, near Totnes, England. Tone arm for a gramophone or similar article. Des. 69,764; Mar. 23.
Maier, George E., Los Angeles, Calif. Air-brake equipment. 1,577,834; Mar. 23.
Malcom, Robert, Chicago, Ill. Goggles. 1,577,980; Mar. 23.
Mallory, Harry C., deceased, New York, N. Y.; S. R. Mallory, administratrix. Engine-cooling system. 1,577,477; Mar. 23.
Mallory, Sue R., administratrix. (See Mallory, Harry C.)
Mandallian, Sahatiel G., North Attleboro, Mass. Mesh bag. 1,577,648; Mar. 23.
Mandigo, Ira J. (See Brown, C. O., Morrison, and Mandigo.)
Mann, Nina C. (See Mann, Oscar F., assignor.)
Mann, Oscar F., assignor to N. C. Mann, Indianapolis, Ind. Scaffold. 1,577,835; Mar. 23.
Mann, Swart B. (See Hoyt, W. H., and Mann.)
Mansabendel, Fritz P., Brooklyn, N. Y. Sound-translating device. 1,577,920; Mar. 23.
Mansfield, Alfred, Victoria, British Columbia, Canada. Fuel-saving grate. 1,577,921; Mar. 23.
Marburg Brothers, Inc., et al. (See Marburg, Louis C., assignor.)
Marburg, Louis C., Montclair, N. J., assignor of one-half to Marburg Brothers, Inc., New York, N. Y., and one-half to Mayer & Schmidt, Offenbach-on-the-Main, Germany. Cylinder-grinding attachment. 1,577,478; Mar. 23.
Marlotti, Joseph J., assignor to Daprato Statuary Company, Chicago, Ill. Safe-door construction. 1,577,836; Mar. 23.
Mark, Fred L., deceased, by H. D. Mark, administratrix, Chicago, Ill. Sewing-machine attachment. 1,577,649; Mar. 23.
Mark, Helene D., administratrix. (See Mark, Fred L.)
Marquette Manufacturing Company. (See Nordren, Algot W., assignor.)
Marsa, Melchor, and W. Jackson, assignors, by mesne assignments, to New Process Cork Company, Inc., Brooklyn, N. Y. Process of and apparatus for making cork articles. 1,577,922; Mar. 23.
Marsh, Henry J., St. Albans, Vt. Combustion-promoting device. 1,578,151; Mar. 23.
Marsh, Samuel L. (See Hess, Arthur, assignor.)
Marston, Anson, assignor to Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa. Concrete-conduit reenforcement. 1,577,923; Mar. 23.
Massey Concrete Products Corporation. (See Hultgren, D. A., and Taylor, assignors.)
Masury, Alfred F., New York, and G. O. Hanshew, Brooklyn, assignors to International Motor Company, New York, N. Y. Cushioned support for the bodies of vehicles. 1,578,152; Mar. 23.
Matchett, John H., and F. A. Neff, Oakland, Calif. Massage vibrator. 1,577,924; Mar. 23.
Matheson, Andrew A., Denver, Colo. Railway-bridge signal. 1,577,837; Mar. 23.
Mathews, Fred. (See Strid, Sven J., assignor.)
Mandelstein, Morris. (See Katzin, Jacob S., assignor.)
Matz, George, New York, N. Y. Engine. 1,578,199; Mar. 23.
Matz, George, New York, N. Y. Wheel structure. 1,578,200; Mar. 23.
Mayer & Schmidt, et al. (See Marburg, Louis C., assignor.)
Mazza, Frank. (See Suttill, A. G., and Mazza.)
McAfee, Almer M., Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa. Distilling oils with volatile catalysts. 1,578,049; Mar. 23.
McAfee, Almer M., Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa. Distilling with aluminum chloride. 1,578,050; Mar. 23.
McAfee, Almer M., Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa. Improving oils. 1,578,051; Mar. 23.
McAfee, Almer M., Port Arthur, Tex., assignor to Gulf Refining Company Pittsburgh, Pa. Making aluminum chloride. 1,578,052; Mar. 23.
McAfee, Almer M., Port Arthur, Tex., assignor to Gulf Refining Company, Pittsburgh, Pa. Removing aluminum-chloride residues from stills. 1,578,053; Mar. 23.
McCall, Peter L., Rockingham, N. C. Method of and apparatus for making paper cones. 1,577,978; Mar. 23.
McCall, Peter L., Rockingham, N. C. Paper cone and making same. 1,577,979; Mar. 23.
McCartney, John L., assignor to I. W. Warden, Wellston, Ohio. Display stand. 1,577,583; Mar. 23.
McCracken, George E., Long Beach, Calif. Grab. 1,577,833; Mar. 23.
McCraw, Edward, North Adams, Mass. Picker stick. 1,578,054; Mar. 23.
McCulloch, Charles A. (See Ripken, Hugo F., assignor.)
McDonald, Jerry, assignor to The Dayton Engineering Laboratories Company, Dayton, Ohio. Commutator-brush mounting. 1,577,749; Mar. 23.
McEvoy, Joseph, Hamilton, Md. Shaving set. 1,577,479; Mar. 23.
McGowen, William R., Chicago, Ill., assignor to United States Chain & Forging Company, Pittsburgh, Pa. Vehicle bumper. 1,578,055; Mar. 23.
McGowen, William R., McKees Rocks, assignor to United States Chain & Forging Company, Pittsburgh, Pa. Fender guard. 1,578,056; Mar. 23.
McGrath, Joseph A., Brooklyn, N. Y. Holding device. 1,578,154; Mar. 23.
McGuiness, Benjamin F., Grafton, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tube frame. 1,577,750; Mar. 23.
McKamey, William O., Knoxville, Tenn. Hub and journal box. 1,577,480; Mar. 23.
McKeage, Robert S. (See Knowlson, J. S., and McKeage.)
McNab, Alexander, Bridgeport, Conn. Power-operating means for rudders. 1,577,919; Mar. 23.
McWane, James R., Birmingham, Ala. Means for supporting core bars in flasks. 1,578,083; Mar. 23.
Mead, Albert A. (See Lambert, W., and Mead.)
Merritt Sales & Engineering Company. (See Forsberg, Charles A., assignor.)
Merwin, George H., Milford, Conn. Rotary coin board. 1,577,533; Mar. 23.
Messenger, Otis G., Cranford, N. J., assignor to Standard Development Company. Making carbon black. 1,577,481; Mar. 23.
Metals Refining Corporation. (See Lapsley, Howard G., assignor.)
Midgley, Thomas, Hampden, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Core-handling apparatus. 1,577,482; Mar. 23.
Midgley, Thomas, Hampden, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Bead construction. 1,578,202; Mar. 23.
Midgley, Thomas, jr., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Fuel. 1,578,201; Mar. 23.
Mierow, Adolph A., Tacoma, Wash. Spoon holder. Des. 69,765; Mar. 23.
Millard, James. (See Dewey, Samuel, assignor.)
Miller, Charles A., jr., assignor to Miller Manufacturing Co., Bainbridge, Ga. Apparatus for separating trash from washing solutions. 1,577,584; Mar. 23.
Miller, Ernest B., assignor to The Silica Gel Corporation, Baltimore, Md. Method and apparatus for separating or recovering a gas from a mixture of gases. 1,577,534; Mar. 23.
Miller, Graeff, Ridgewood, N. J. Bottle or similar article. Des. 69,766; Mar. 23.
Miller Manufacturing Co. (See Miller, Charles A., jr., assignor.)
Miller, Mark H., Claremont, S. Dak. Refrigerator. 1,578,156; Mar. 23.

Miller, Raymond E. (See Baggett, A. D., Miller, and Wright.)
Miller, Robert F., Fitzpatrick, W. Va. Key-holding attachment for belts. 1,578,157; Mar. 23.
Miller, William C. (See Bergstein, S., and Miller.)
Minor, Burt S., Los Angeles, Calif. Safety guard for sheave blocks. 1,577,804; Mar. 23.
Mitchell, Ernest R., Philadelphia, Pa. Door, bumper. 1,578,158; Mar. 23.
Mobbs, George. (See Crawford, B. H., and Mobbs.)
Monaco, James V., New York, N. Y. Pocket ash tray. 1,578,159; Mar. 23.
Monroe, George E., Detroit, Mich. Nut lock. 1,578,160; Mar. 23.
Monroe, George E., Detroit, Mich. Nut lock. 1,578,161; Mar. 23.
Monthan, Carl, Vail, Ariz. Asparagus harvester. 1,578,162; Mar 23
Montiglio, Franck, Wichita, Kans. Propelling mechanism for bicycles. 1,577,585; Mar. 23.
Moone, Albert E. F., Chicago, Ill. Web-drying device. 1,577,839; Mar. 23.
Mooney, Richard, Henryetta, Okla. Door construction. 1,577,925; Mar. 23.
Moore Pen Co., The. (See Upton, Henry J., assignor.)
Moore, Roswell A., and W. F. Murtha, assignors to Waterbury Buckle Co., Waterbury, Conn. Buckle. 1,577,840; Mar. 23.
Moores, Aeolian E., Dallas, Tex. Gas stove. 1,577,651; Mar. 23.
Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,577,650; Mar. 23.
Moran, Robert J., et al. (See Gossett, Purk T., assignor.)
Morgan, David W. R., Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Surface condenser. 1,578,057; Mar. 23.
Morgan, David W. R., Swarthmore, Pa., assignor to Westinghouse Electric and Manufacturing Company. Condenser. 1,578,058; Mar. 23.
Morgan, Frank S., Berkeley, Calif. Concentrator or sluice box. 1,577,926; Mar. 23.
Morgan, Henry W., Rochester, N. Y. Nailing machine. 1,577,841; Mar. 23.
Morehouse, Samuel C., New Haven, Conn. Combination poncho and ground cloth. 1,577,586; Mar. 23.
Morrison, Frank B., assignor to The Power Manufacturing Company, Marion, Ohio. Starting plug for internal-combustion engines. 1,577,483; Mar. 23.
Morrison, Ray E. (See Brown, C. O., Morrison, and Mandigo.)
Morse, Frank W., San Fernando, Calif. Weeder. 1,577,927; Mar. 23.
Mossberg, Frank, assignor to Mossberg Pressed Steel Corporation, Attleboro, Mass. Bobbin. 1,577,866; Mar. 23.
Mossberg Pressed Steel Corporation. (See Mossberg, Frank, assignor.)
Mould, James A., assignor to Evinrude Motor Company, Milwaukee, Wis. Outboard motor. 1,577,865; Mar. 23.
Moyer, Paul S., assignor to The Aridor Company, Chicago, Ill. Air-conditioning means. 1,577,867; Mar. 23.
Mraz, John, and J. Stedel, Bashaw, Alberta, Canada. Sieve cleaner. 1,578,153; Mar. 23.
Muehleib, August A., Allentown, Pa. Work-centering device. 1,578,163; Mar. 23.
Muench-Baumer-Kreuzer Candle Co. (See Norton, Robert C., assignor.)
Mulholland, Bernard, Jackson, Mich. Sliding-gate hanger. 1,578,164; Mar. 23.
Mullen, George B., New York, N. Y. Sanitary cover for telephone mouthpieces. 1,578,165; Mar. 23.
Muller, George W., Washington, D. C. Railway-rail joint. 1,578,166; Mar. 23.
Müller, Henry, Waterbury, Conn. Adjustable clamp. 1,577,868; Mar. 23.
Munger, Richard W., Telkwa, British Columbia, Canada. Engine-valve structure. 1,577,484; Mar. 23.
Murphy, William J., St. Paul, Minn. Sanitary refrigerator support. 1,577,842; Mar. 23.
Murray, Harley P., assignor of one-half to Lee Tire & Rubber Company, Conshohocken, Pa. Tire-band-expanding machine. 1,577,928; Mar. 23.
Murtha, William F. (See Moore, R. A., and Murtha.)
Myer, Frank P., Everett, Wash. Trolley-pole safety device. 1,578,059; Mar. 23.
Nägele, Hermann and H., Stuttgart, Germany. Animal-intestine cleaner. 1,578,167; Mar. 23.
Nägele, Hermann. (See Nägele, Hermann and H.)
Nash, Arthur W., Inc. (See Collins, Cornelius, assignor.)
Nash, Charles A., Astoria, Oreg., assignor of two-thirds to R. B. Hynes. Combined car seal and lock. 1,578,060; Mar. 23.
Nash, John M., Milwaukee, Wis. Abrasive apron. 1,577,485; Mar. 23.
National Cash Register Company, The. (See Rosien, Charles F., assignor.)
National Lead Company. (See Newnam, William E., assignor.)
National Lead Company. (See Walker, Edward C., assignor.)
National Manufacturing Company. (See Ferris, Walton C., assignor.)
National Novelty Company. (See Anderson, Frederick B., assignor.)
Neal, Albert, Kokomo, Ind. Wrench. 1,577,805; Mar. 23.
Nederlandsche Technische Handel Maatschappij "Giro," The. (See Otto, Wolfgang, assignor.)
Neff, Frank A. (See Matchett, J. H., and Neff.)
Nelson, Charles S., Cocolalla, Idaho. Vacuum tank. 1,577,844; Mar. 23.
Nelson, Charles S., Cocolalla, assignor of one-half to W. E. Jaeger, Sandpoint, Idaho. Vacuum tank. 1,577,843; Mar. 23.
Neufang, Henry J., Atlanta, N. Y. Reversible plow. 1,578,084; Mar. 23.
Newcomb, John C., and R. A. Casarotti, assignors to Rex Manufacturing Company, Oakland, Calif. Ball cock. 1,577,845; Mar. 23.
Newnam, William E., Collinsville, Ill., assignor to National Lead Company, Jersey City, N. J. Furnace-charging method. 1,577,587; Mar. 23.
New Process Cork Company. (See Marsa, M., and Jackson, assignors.)
Nickels, Mary E. (See Liska, Frederick W., assignor.)
Nicolson, Alexander M., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric space discharge device and operating the same. 1,577,846; Mar. 23.
Nielsen, Christian, jr., Chicago, Ill. Temperature-indicator apparatus for cooling systems of explosive engines. 1,577,847; Mar. 23.
Nineteen Hundred Washer Company, The. (See Behan, Thomas W., assignor.)
Nishio, Keijiro, Tokyo, Japan. Machine for taking out geological samples. 1,577,535; Mar. 23.
Noble, Kenneth B., Hartford, Conn. Cableway carriage. 1,577,652; Mar. 23.
Nobile, Umberto. (See Caproni, G., Nobile, and Verduzio.)
Norberg, John, Seattle, Wash. Refrigerator. 1,577,848; Mar. 23.
Nordgren, Algot W., assignor to Marquette Manufacturing Company, St. Paul, Minn. Fender guard and support. 1,578,085; Mar. 23.
Nordgren, Algot W., assignor to Marquette Manufacturing Company, St. Paul, Minn. Fender-guard structure. 1,578,086; Mar. 23.
North American Lace Company. (See Dandy, Marc H., assignor.)
North Bro's M'f'g Co. (See Fegley, Thomas J., assignor.)
Norton, Robert C., Jersey City, N. J., assignor to Muench-Baumer-Kreuzer Candle Co., Inc., Syracuse, N. Y. Sanctuary lamp. 1,578,087; Mar. 23.
Norton, Roxanna A., New York, N. Y. Curtain draper. 1,577,486; Mar. 23.
Nugent, William W., Chicago, Ill. Oil-sediment remover. 1,577,653; Mar. 23.
Oakes, Grant W., Ottawa, Kans. Force-feed oil can. 1,577,929; Mar. 23.
Ogden, Willie E., and G. N. Smith, Clarksburg, W. Va. Internal-combustion engine. 1,577,806; Mar. 23.
Oilgear Company, The. (See Ferris, Walter, assignor.)
Ollendorf, Albert J. (See Wilder, E., and Ollendorf.)
Olson, Carl A., assignor to Clarinda Manufacturing Company, Clarinda, Iowa. Eccentric driving mechanism for power washing machines. 1,577,930; Mar. 23.
Olson, Carl P., assignor to Karl E. Olson & Son, Inc., Irvington, N. J. Transfer film. 1,578,203; Mar. 23.
Olson, Karl E., & Son, Inc. (See Olson, Carl P., assignor.)
Oneida Community, Limited. (See Allen, Grosvenor N., assignor.)
O'Reilly, John J., New York, N. Y. Masonry and concrete wall and beam construction. 1,578,088; Mar. 23.
Orrison, Chester E. (See Drescher, C. G., and Orrison.)
Orwick, Nelson, Findlay, Ohio. Camp chair. 1,577,807; Mar. 23.
Otto, Carl, Hellerup, Denmark. Vertical-chamber-oven-supporting means. 1,577,487; Mar. 23.
Otto, Wolfgang, Neumuhlen, near Kiel, Germany, assignor to The Nederlandsche Technische Handel Maatschappij "Giro", 's Gravenhage, Netherlands. Resistance element. 1,577,981; Mar. 23.
Otis Elevator Company. (See Parker, Humphrey F., assignor.)
Owen, James W., Secane, Pa., and A. Hewitt, Camden, N. J., assignors to Victor Talking Machine Company. Sound record and making the same. 1,577,931; Mar. 23.
Pace, Domenico, Syracuse, N. Y. Razor-blade sharpener. 1,578,204; Mar. 23.
Pachner, Stanley, Dresden, Kans. Radiator. 1,578,205; Mar. 23.
Packer, Mortimer L., Columbus, Ohio. Combined gas stove and cabinet. Des. 69,767; Mar. 23.
Packard Motor Car Company. (See Moorhouse, Alfred, assignor.)
Packard Motor Car Company. (See Woolson, Lionel M., assignor.)
Page, Samuel H., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Lace. Des. 69,768; Mar. 23.
Palese, Louis J., Wilmington, Del. Football game board. 1,577,932; Mar. 23.
Pane, Frank. (See Volpi, A., and Pane.)
Parker, Alvah C., and C. W. Schreiber, assignors to The Libbey Glass Manufacturing Company, Toledo, Ohio. Apparatus for severing glass. 1,577,536; Mar. 23.

Parker, Alvah C., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Apparatus for burning off glass. 1,577,537; Mar. 23.
Parker, Alvah C., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Apparatus for burning off glassware. 1,577,538; Mar. 23.
Parker, Alvah C., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Process and apparatus for burning off glassware. 1,577,654; Mar. 23.
Parker, Alvah C., assignor to The Libbey Glass Manufacturing Company. Method of and apparatus for burning off glassware. 1,577,655; Mar. 23.
Parker, Alvah C., assignor to The Libbey Glass Manufacturing Company. Automatic burning-off machine. 1,577,656; Mar. 23.
Parker and Company (London) Limited. (See Parker, Frederick, assignor.)
Parker, Arthur F., E. H. Hewitt, and S. E. Watkins, Philipsburg, Pa. Demountable wheel rim. 1,578,089; Mar. 23.
Parker, Frederick, assignor to Parker and Company (London) Limited, London, England. Means for waving hair. 1,577,488; Mar. 23.
Parker, Humphrey F., Philadelphia, Pa., assignor to Otis Elevator Company, Jersey City, N. J. Control for electric elevators. Re16,297; Mar. 23.
Parnox Aktiengesellschaft. (See Brückner, Harry E. V., assignor.)
Parsons, Stuart W., assignor to The Stanley Works, New Britain, Conn. Hinge. 1,577,933; Mar. 23.
Paschall, Benjamin S., Seattle, Wash. Mechanism for massaging. 1,577,751; Mar. 23.
Pasquali, Albert. (See Suttill, A. G., and Mazza, assignors.)
Patent Button Company, The. (See White, Franklin R., assignor.)
Paull, Wallace H., Birmingham, England, assignor to Dunlop Tire and Rubber Corporation of America, Buffalo, N. Y. Tire and rim. 1,578,090; Mar. 23.
Pearce, Sidney, assignor to J. N. Collins Company, Minneapolis, Minn. Candy-ribbon-forming machine. 1,577,984; Mar. 23.
Pearson, Charles. (See Lee, J., and Pearson.)
Pearson, John W., assignor to The Davis Sewing Machine Company, Dayton, Ohio. Gearing. 1,577,982; Mar. 23.
Peck, Cecil C., assignor to The Lincoln Electric Company, Cleveland, Ohio. Electrode holder. 1,577,489; Mar. 23.
Pelletier, J. B., et al. (See Carrier, Alsime, assignor.)
Perkins-Campbell Company, The. (See Campbell, Milton D., assignor.)
Perkins, Clifton A. and H. A., Holly Oak Villa, Del. Manufacturing building blocks. 1,578,091; Mar. 23.
Perkins, Herbert A. (See Perkins, Clifton A. and H. A.)
Perry, Bertel T. (See Bullock, S. A., and Perry.)
Pescara, Raul P., Barcelona, Spain. Machine of aerial navigation. 1,578,168; Mar. 23.
Peschke, Carl H., Detroit, Mich. Meat container. 1,577,851; Mar. 23.
Petermann, Otto, Groton, N. Y. Water-heating attachment for oil and gas stoves. 1,577,849; Mar. 23.
Peters, Frank M., and W. H. Hungerford, assignors to Peters Machinery Company, Chicago, Ill. Carton-closing mechanism. 1,577,850; Mar. 23.
Peters Machinery Company. (See Peters, F. M., and Hungerford, assignors.)
Petrus, Louis H., Kansas City, Mo. Sanding device for motor vehicles. 1,578,206; Mar. 23.
Petty, Earl, Winfield, Kans., assignor to The De Laval Separator Company, New York, N. Y. Separating wax from lubricating oil. 1,577,852; Mar. 23.
Pfleager, Roscoe C., assignor to B. F. Klein, Cleveland, Ohio. Ring for lighting fixtures. Des. 69,769; Mar. 23.
Phillips, Darius T., Chicago, Ill. Combined tractor and road vehicle. 1,577,588; Mar. 23.
Pieper, Oscar H., Rochester, N. Y. Unitary dental apparatus. 1,578,207; Mar. 23.
Pinto, Edward H., West Hampstead, London, assignor to Compactom Limited, London, England. Supporting articles in cabinets. 1,578,169; Mar. 23.
Pittsburgh Plate Glass Company. (See Evans, Albert E., assignor.)
Podolsky, Boris, Los Angeles, Calif. Recording instrument. 1,577,869; Mar. 23.
Poe, Charles H., Houston, Tex. Combination auto implement and gauge. 1,577,490; Mar. 23.
Polk, Alexander H., Pig Point, Va. Dispensing device. 1,577,539; Mar. 23.
Pomeroy, James W. (See Todd, W. C., and Pomeroy.)
Poser, Max, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic trial-lens frame. 1,577,808; Mar. 23.
Potter, Frederick D., Linden, N. J., assignor to Combustion Control Company, Inc., New York, N. Y. Apparatus for determining temperatures by CO_2 content of combustion gases. 1,577,853; Mar. 23.
Potter, James C., Pawtucket, R. I. Spindle drive for spinning machines. 1,577,870; Mar. 23.
Power Manufacturing Company, The. (See Morrison, Frank B., assignor.)
Prentice, Fred C., Great Bend, Pa. Floor jack. 1,577,491; Mar. 23.
Prescott, William E., London, England, assignor to Baker-Perkins Company, Incorporated, White Plains, N. Y. Disintegrator for pulverising sugar and other friable substances. 1,577,492; Mar. 23.
Price, Joseph T., assignor to Horn Surgical Company, Philadelphia, Pa. Elastic garment. 1,577,752; Mar. 23.
Price, Owen A., Kilmarnock, Scotland. Hydraulic jet-dispersal nozzle. 1,578,092; Mar. 23.
Price, William F., Topeka, Kans. Rail-joint spreader block. 1,577,657; Mar. 23.
Prichard, George L., and H. Henderson, Port Arthur, Tex., assignors to Gulf Refining Company, Pittsburgh, Pa. Continuous catalytic distillation. 1,577,871; Mar. 23.
Prillaman, Maurie T., Bluefield, W. Va. Railway-rail joint. 1,578,093; Mar. 23.
Protane Corporation. (See Kelley, John M., assignor.)
Punches, George B., assignor of one-half to G. F. Sanborn, Eagle River, Wis. Hand protector. 1,577,540; Mar. 23.
Pyron, Homer H. (See Macomber, H. M., and Pyron.)
Rafkin, Maurice M., New York, N. Y. Artificial tooth and key. 1,577,753; Mar. 23.
Railway Safety Brake Lock Corporation. (See Westbo, Bernhard W., assignor.)
Rairdan, Henry G., Larned, Kans. Brake. 1,577,983; Mar. 23.
Rand, James H., assignor to Rand Kardex Company, Inc., North Tonawanda, N. Y. Index tab. 1,577,493; Mar. 23.
Rand Kardex Company. (See Rand, James H., assignor.)
Randall, Edward T., Los Angeles, Calif. Exercising apparatus. 1,577,809; Mar. 23.
Rapp, Axel G. J., assignor to Link-Belt Company, Chicago, Ill. Oven and conveying system therefor. 1,577,589; Mar. 23.
Rathbun, George J., Toledo, Ohio, assignor to Ingersoll-Rand Company, Jersey City, N. J., jointly with The Rathbun-Jones Engineering Company. Oil pump for combustion engines. 1,577,590; Mar. 23.
Rathbun-Jones Engineering Company, The, et al. (See Rathbun, George J., assignor.)
Rau, Gustav, Kansas City, Mo. Arch construction. 1,578,094; Mar. 23.
Rauch, Frank, Brooklyn, N. Y. Switch-controlled illuminated fountain pen. 1,577,754; Mar. 23.
Rauen, John B., assignor to United States Bumper Company, Inc., Los Angeles, Calif. Bumper. 1,577,755; Mar. 23.
Raymond, Edward F., Santa Fe Springs, Calif. Side-tracking tool. 1,577,810; Mar. 23.
Raymond, Edward F., Santa Fe Springs, Calif. Combination roller bit and disk structure. 1,577,811; Mar. 23.
Reagan, Irvin W., Elfers, Fla. Balloon. 1,577,756; Mar. 23.
Rees, Helen R., Portland, Oreg. Finger ring for crocheting. 1,577,658; Mar. 23.
Regan Forge and Engineering Company. (See Beckner, Harry E., assignor.)
Reiber, Albert H., Jackson Heights, N. Y. Warning signal. 1,578,170; Mar. 23.
Reichard, Harold D., assignor to The Akron Standard Mold Company, Akron, Ohio. Tire tread. Des. 69,770; Mar. 23.
Reichard, Harold D., assignor to The Akron Standard Mold Company, Akron, Ohio. Resilient tire. Des. 69,771; Mar. 23.
Re Qua, Frederick L., Waukegan, Ill., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Checking mechanism. 1,577,757; Mar. 23.
Retterath, Valentin, Ingolstadt, Germany, assignor to Deutsche Werke Aktiengesellschaft, Berlin-Wilmersdorf. Making conical pins. 1,578,172; Mar. 23.
Retterath, Valentin, Ingolstadt, Germany. Plug for uniting structural and machine parts. 1,578,173; Mar. 23.
Rex Manufacturing Company. (See Hull, Matthew R., assignor.)
Rex Manufacturing Company. (See Newcomb, J. C., and Casarotti, assignors.)
Reynolds, Harry R., assignor to The Fafnir Bearing Company, New Britain, Conn. Self-aligning shaft bearing. 1,578,237; Mar. 23.
Rhinelander, Harry W., Palembang, Sumatra, East Indies. Baller. 1,577,541; Mar. 23.
Rhoades, Alonso E., assignor to Draper Corporation, Hopedale, Mass. Intermittent thread-cutting temple. 1,577,984; Mar. 23.
Richardson, Edward E., et al. (See Hellweg, Henry, assignor.)
Richardson, Ralph B., New York, N. Y. Temperature regulator or thermostat. 1,578,208; Mar. 23.
Richey, F. O., et al. (See Hellweg, Henry, assignor.)
Riddle, Edward N., Company, The. (See Crowell, Frank S., assignor.)
Rieger, Walter N., Taft, Calif. Forming pipe couplings and the like. 1,577,591; Mar. 23.
Rifkin, Philip, New York, N. Y. Smoking device. 1,578,171; Mar. 23.
Ripken, Hugo F., assignor of one-half to C. A. McCulloch, Minneapolis, Minn. Drifting and relief valve. 1,577,759; Mar. 23.
Ritz, Charles C., New York, N. Y. Bottle. Des. 69,772; Mar. 23.
Roberts, Emmor, et al. (See Haag, Alfred H., assignor.)
Robertson, David S. (See Robertson, James R. and D. S.)

Robertson, H. E., et al. (See Broyles, John E., assignor.)
Robertson, James R. and D. S., Toronto, Ontario, Canada. Automatic machine for ejecting memos and the like. 1,577,592; Mar. 23.
Robinson, Benjamin E., and R. A. Trobaugh, Tulsa, Okla. Combination gear and wheel puller. 1,578,174; Mar. 23.
Robinson, Edward A., assignor of one-half to himself and one-half to E. E. Workman, Montreal, Quebec, Canada. Sleeve terminal for train pipes in connecter heads. 1,577,872; Mar. 23.
Robinson, Mark A., and F. B. Shaner, Honolulu, Hawaii. Fishing reel. 1,577,812; Mar. 23.
Rodgers, Walter I., jr., Brooklyn, assignor to International Motor Company, New York, N. Y. Wheel. 1,578,175; Mar. 23.
Rohner, Philip B., assignor of one-half to A. A. Drees, Carroll, Iowa. Air-brake-release valve. 1,577,494; Mar. 23.
Rommer, Isaac A., assignor to Ideal Novelty and Toy Co., Brooklyn, N. Y. Doll's eyes. 1,578,176; Mar. 23.
Root, Elmer L., Mosier, Oreg. Artificial tree trunk. 1,577,873; Mar. 23.
Rosenblatt, Maurice C., Philadelphia, Pa. Acoustic threshold closure. 1,577,542; Mar. 23.
Rosenblum, Aaron, Union Hill, N. J. Picture frame. Des. 69,773; Mar. 23.
Rosenthal, Lazarus, Pittsburgh, Pa. External arch support for shoes. 1,577,593; Mar. 23.
Rosien, Charles F., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 1,578,209; Mar. 23.
Ross, Charles G., Los Angeles, Calif., assignor of one-half to W. L. Ross, Chicago, Ill. Malleable noncorrosive casing for automobile bumpers. 1,577,759; Mar. 23.
Ross, Chester H., administrator. (See Abraham, Clinton D.)
Ross, Cornelius, assignor to Woodcraft Cabinet Manufacturing Company, Los Angeles, Calif. Extension table. 1,577,813; Mar. 23.
Ross, William L. (See Ross, Charles G., assignor.)
Rossi, Giacinto, Philadelphia, Pa. Combined lamp, telephone, and smoking stand. Des. 69,774; Mar. 23.
Rubber Shock Insulator Company, The. (See Lipcot, Fred L., assignor.)
Rubel, Charles F. (See Kucera, T. A., and Rubel.)
Ruben, Samuel, New York, N. Y. Thermoelectric unit. 1,577,874; Mar. 23.
Rubsam, Charles F., assignor to Rubsam Corporation, Jackson, Mich. Demountable-rim wheel. 1,577,985; Mar. 23.
Rubsam Corporation. (See Rubsam, Charles F., assignor.)
Runkle, John C., Cambridge, Mass. Split wood shingle. 1,577,935; Mar. 23.
Ruppel, Wilhelm, Berlin, Germany, assignor, by mesne assignments, to American Electro-Osmosis Corporation, New York, N. Y. Method of killing microorganisms. 1,577,659; Mar. 23.
Ruppel, Wilhelm, Berlin, and K. Wolf, Berlin-Charlottenburg, Germany, assignors, by mesne assignments, to American Electro-Osmosis Corporation, New York, N. Y. Electroosmotic purification of glue and gelatin. 1,577,660; Mar. 23.
Russell, Edward A., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Flexible joint. 1,577,760; Mar. 23.
Ruth, Charles H., Huntington Park, Calif. Double-track extensible dredger. 1,577,761; Mar. 23.
Rutherford, John, and H. P. Scanlon, Long Beach, Calif. Rotary drilling bit. 1,577,875; Mar. 23.
Ryan, Christopher R., Cuba, N. Y. Screen. 1,578,095; Mar. 23.
San, Morris, Weehawken, N. J. Motion-picture-printing machine. 1,577,986; Mar. 23.
Sandell Henry K., Chicago, Ill. Electric motor. 1,578,096; Mar. 23.
Sandell, Henry K., Chicago, Ill. Dynamo-electric machine. 1,578,097; Mar. 23.
Safstrom, Gustaf A., Chicago, Ill. Electrical timing device. Re16,298; Mar. 23.
Sanborn, George F. (See Punches, George B., assignor.)
Sanitary Hand Dryer Company. (See Woodard, John H., assignor.)
Scanlon, Henry P. (See Rutherford, J. and Scanlon.)
Schaanning, Peder C., Vestre Holmen, near Christiania, Norway. Magazine wood-pulp grinder. 1,577,762. Mar. 23.
Schaeffer, Leon. Sulphur, Okla. Surgical instrument. Des. 69,775; Mar. 23.
Scharwath, John A., Elizabeth, N. J., assignor, by mesne assignments, to The Seaboard National Bank of the City of New York, trustee. Heat-insulating material. 1,577,495; Mar. 23.
Schellberg, Oscar B., New York, N. Y. Medical apparatus for use in proctotherapy. 1,577,876; Mar. 23.
Schieble Toy and Novelty Co., The. (See Florkey, Clarence E., assignor.)
Schimek, Joseph F., assignor to Cashiko Machine Company, Worcester, Mass. Drive mechanism for winding machines. 1,577,763; Mar. 23.
Schippel, Henry F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. Des. 69,776; Mar. 23.
Schippel, Henry F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. Des. 69,777; Mar. 23.
Schnefel Brothers. (See Schnefel, Max, assignor.)
Schnefel, Max, assignor to Schnefel Brothers, Newark, N. J. Tweezers or similar article. Des. 69,778; Mar. 23.
Schönmann, Adolph. (See Koch, H., and Schönmann.)
Schrade, Andrew J., and E. Johnson, San Francisco, Calif. Garage-door-opening device. 1,578,177; Mar. 23.
Schrader, Ernest C., assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Method of and apparatus for severing glass. 1,577,543; Mar. 23.
Schrader, Ernest C., Morgantown, W. Va., assignor to The Libbey Glass Manufacturing Company. Method and apparatus for burning off glass. 1,578,098; Mar. 23.
Schrader, Harold D., assignor of one-half to L. M. Stauffer, Midwest, Wyo. Low-pressure gas burner. 1,578,210; Mar. 23.
Schreiber, Carl W. (See Parker, A. C., and Schreiber.)
Schroeder, Edward J., Summit, N. J. Deck-lamp lighting fixture. 1,577,497; Mar. 23.
Schumacher, Albert, Wallingford, Conn. Timing mechanism for automobiles. 1,577,877; Mar. 23.
Schwenk, William D., Ferndale, Mich. Electrically-heated steering wheel. 1,577,987; Mar. 23.
Scoles, Arthur W., Kansas City, Mo. Apparatus for applying liquid compositions. 1,578,178; Mar. 23.
Seaboard National Bank of the City of New York, The. (See Scharwath, John A., assignor.)
Seekonk Lace Company. (See Seligman, Bertha C., assignor.)
Sears, Roebuck & Co. of Maine. (See Fitzgerald, Martin W., assignor.)
Sejarto, Lester, Linden, N. J. Nursing bottle. 1,577,988; Mar. 23.
Seligman, Bertha C., Providence, R. I., assignor to Seekonk Lace Company. Lace. Des. 69,779; Mar. 23.
Seligman, Bertha C., Providence, R. I., assignor to Seekonk Lace Company. Lace. Des. 69,780; Mar. 23.
Sengele, Louis A., San Antonio, Tex. Scraper. 1,577,544; Mar. 23.
Shaner, Frank B. (See Robinson, M. A., and Shaner.)
Shepard, Albert E. (See Dickinson, F. S., and Shepard.)
Shepard, Homer E., Oakland, Calif. Protection against robbery in banks and the like. 1,577,764; Mar. 23.
Sherman, Cortis F., and A. E. Sandrews, assignors to The Henry & Wright Manufacturing Company, Hartford, Conn. Brake mechanism for clutches. 1,578,099; Mar. 23.
Sherman, Lawreuce F. (See Thomas, M. Edgar, assignor.)
Shimp, Frederick A., assignor to Skillkrafters Incorporated, Philadelphia, Pa. Ring. Des. 69,781; Mar. 23.
Shoff, John E., Moorehead, Iowa. Attachment for corn planters. 1,578,100; Mar. 23.
Sholar, Edward H., Chattanooga, Tenn. Automatic ash dump. 1,577,814; Mar. 23.
Sholberg, Ole M., Fergus Falls, Minn. Friction clutch. 1,577,496; Mar. 23.
Shreve & Company. (See Hickingbotham, Joseph C., assignor.)
Shrode, John L., Mount Vernon, Ill. Automatic expansion valve. 1,578,179; Mar. 23.
Sieber, Louis, New York, N. Y. Adjustable elevating platform truck. 1,577,989; Mar. 23.
Siemens & Halske Aktiengesellschaft. (See Kath, Willy, assignor.)
Signal Gesellschaft m. b. H. (See du Bois-Reymond, A., and Adelmann, assignors.)
Silica Gel Corporation, The. (See Miller, Ernest B., assignor.)
Simmons, William D. M., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Pin. Des. 69,782; Mar. 23.
Sinclair Refining Company. (See Isom, Edward W., assignor.)
Singer Manufacturing Company, The. (See Allen, Edward B., assignor.)
Singer Manufacturing Company, The. (See Horton, Charles M., assignor.)
Sisson, Glen R., Pendleton, Ind. Automatic choker for carburetors. 1,577,765; Mar. 23.
Sisson, Glen R., Pendleton, Ind. Automatic choker for carburetors. 1,577,766; Mar. 23.
Skelly, Bernard H., Bridgeport, Conn., assignor to Bowen Products Corporation, Auburn, N. Y. Automatic lubricant-supply magazine. 1,577,936; Mar. 23.
Skillkrafters Incorporated. (See Shimp, Frederick A., assignor.)
Sledge, Henry N., Jersey City, N. J. Lock mechanism. 1,578,211; Mar. 23.
Slusser, Eugene, Santa Rosa, Calif. Illuminated safety bumper for automobiles. 1,577,937; Mar. 23.
Small, Arthur E., assignor to Union Metal Products Company, Chicago, Ill. Uncoupling device for car couplers. 1,577,661; Mar. 23.
Small, Norman M., assignor to Frick Company, Waynesboro, Pa. Compressor for gases. 1,577,594; Mar. 23.
Smith, David E., Chicago, Ill. Card game. 1,578,212; Mar. 23.
Smith, Francis J., New York, N. Y. Automobile spring. 1,577,767; Mar. 23.
Smith, Gerald N. (See Ogden, W. E., and Smith.)
Smith, Homer W., Indianapolis, Ind. Tobacco denicotinization. 1,577,768; Mar. 23.
Smith, Irving R., Wauwatosa, Wis. Wheelbarrow. 1,578,213; Mar. 23.

Smith, Nellie B., Englewood, Colo. Portable toilet. 1,577,595; Mar. 23.
Smith, William A., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Steel retainer for rock drills. 1,577,596; Mar. 23.
Snowden, Perry J., assignor, by mesne assignments, to E.-Z. Oil Burner Corporation, Indianapolis, Ind. Oil burner for cookstoves and the like. 1,577,815; Mar. 23.
Snyder, Edward H., Indianapolis, Ind. Display device. 1,578,180; Mar. 23.
Société des Etablissements Ryo-Catteau. (See Delerue, Alfred, assignor.)
Societe P. Navarre & Fils. (See Chauveur, Joseph E. A., assignor.)
Söderlund, Olof, T. Boberg, and N. Testrup, assignors to Techno-Chemical Laboratories, Limited, London, England. Drying apparatus. 1,577,545; Mar. 23.
Sonnenberg, Herman, Middle Village, N. Y. Molding machine. 1,577,597; Mar. 23.
Spanner, Hubert A., Birmingham, England. Price-computing weighing scale. 1,578,214; Mar. 23.
Spear, Lawrence Y., New London, Conn. Traction vehicle. 1,577,546; Mar. 23.
Spence, Lewis J., Brooklyn, N. Y. Freight-car construction. 1,577,816; Mar. 23.
Spence, Lewis J., Brooklyn, N. Y. Freight-car construction. 1,577,817; Mar. 23.
Spinney, Andrew G., assignor of one-half to C. A. Twigg, Portland, Me. Quick-release speed amplifier. 1,577,498; Mar. 23.
Spyer, Arthur. (See Davy, C. S., and Spyer.)
Stacey, William D., Vancouver, Wash. Fuel burner. 1,578,101; Mar. 23.
Stalsberg, Christian E., Garden Home, Oreg. Poultry drinking fountain. 1,577,878; Mar. 23.
Standard Development Company. (See Messenger, Otis G., assignor.)
Stanfield, Clifton L., Bakersfield, Calif. Welding machine. 1,577,818; Mar. 23.
Standard Development Company. (See Tomkins, Douglass G., assignor.)
Stanley Works, The. (See Parsons, Stuart W., assignor.)
Stanton, Charles R., Stuart, Iowa. Animal oiler. 1,577,938; Mar. 23.
Stauffer, Leo M. (See Schrader, Harold D., assignor.)
Stebler, Fred, assignor to Stebler-Parker Co., Riverside, Calif. Fruit sorting and packing table. 1,577,662; Mar. 23.
Stebler-Parker Co. (See Stebler, Fred, assignor.)
Stedel, Julius. (See Mraz, J., and Stedel.)
Stedman, James H., Braintree, Mass. Wall covering and making the same. 1,577,499; Mar. 23.
Stevens, Calvin G., Osborne, Kans. Optometrical test target. 1,577,879; Mar. 23.
Stevenson, John H. (See Knowlson, F., and Stevenson.)
Stewart, Franklin W., Chicago, Ill. Windshield cleaner. 1,577,500; Mar. 23.
Stewart-Warner Speedometer Corporation. (See Cleven, Axel, assignor.)
Stoler, Edward W., Mansfield, Ohio. Wire spoke. 1,578,215; Mar. 23.
Stotz, John C., Tolstoy, S. Dak. Rotary harrow. 1,578,102; Mar. 23.
Stone, J., & Company Limited. (See Lambert, W., and Mead, assignors.)
Straika, Theophilus V., Colgate, N. Dak. Grain door. 1,577,547; Mar. 23.
Strawn, Jesse C., Buffalo Springs, Tex. Violin piano. 1,577,501; Mar. 23.
Street, Clement F., Greenwich, Conn. Adjustable fuel distributor. 1,577,769; Mar. 23.
Strid, Sven J., assignor to F. Mathews, Chicago, Ill. Gearing. 1,577,770; Mar. 23.
Strid, Sven J., assignor to F. Mathews, Chicago, Ill. Mounting for brake gears. 1,577,771; Mar. 23.
Strid, Sven J., assignor to F. Mathews, Chicago, Ill. Adapter for brake-gear mountings. 1,577,772; Mar. 23.
Stroud, Charles M., Minneapolis, Minn. Oil burner. 1,577,773; Mar. 23.
Stuart, Alexander A. S., Harrisburg, Pa. Surgical knife. 1,577,880; Mar. 23.
Sturm, Julius J. (See Buddle, George T., assignor.)
Stutika, John, West Pullman, Ill. Attachment for internal-combustion engines. 1,578,216; Mar 23.
Stutter, John, Maspeth, N. Y. Fence construction. 1,578,217; Mar. 23.
Sun Oil Company. (See Hughes, Edward M., assignor.)
Suttill, Albert G., Belmont, and F. Mazza, Cambridge, assignors of one-third to A. Pasquali, Watertown, Mass. Block-molding machine. 1,578,103; Mar. 23.
Swanson, Oscar E., assignor of one-half to F. G Bean, Minneapolis, Minn. Mold for curing tire casings. 1,577,881; Mar. 23.
Sweeney, Dennis, Farmingdale, assignor of one-third to M. Dunn and one-third to J. Dunn, Brooklyn, N. Y. Vanity case. Des. 69,783; Mar. 23.
Sylva, Margaret B., Springfield, Ill. Hair waver. 1,577,598; Mar. 23.
Tabor, Edward P., Worcester, Mass. Folding fan. 1,577,502; Mar. 23.
Taeubert, Edmund E., assignor to L. M. Harvey, Los Angeles, Calif. Electric current and voltage regulator. 1,577,663; Mar. 23.
Tarbox, Ubert P., Toronto, Ontario, Canada. Mop. 1,577,774; Mar. 23.
Taylor, Clarence. (See Hultgren, D. A., and Taylor.)
Taylor, Clarence R. (See Brown, J. E., and Taylor.)
Taylor, Harvey B., Philadelphia, Pa., assignor to William Cramp & Sons Ship & Engine Building Company. Hydraulic turbine. 1,577,882; Mar. 23.
Taylor, Horace H., assignor of one-half to J. D. Bluxome, San Francisco, Calif. Pump. 1,578,104; Mar 23.
Taylor, John, Salt Lake City, Utah. Blower. 1,577,503; Mar. 23.
Taylor, John, assignor to The Battery Equipment and Supply Company, Chicago, Ill. Battery carrier. 1,578,105; Mar. 23.
Techno-Chemical Laboratories, Limited. (See Soderlund, O., Boberg, and Tesrup, assignors.)
Temple, Thomas I., Indianapolis, Ind. Signal. 1,577,819; Mar. 23.
Templeton, John D., Detroit, Mich. 1,577,775; Mar. 23.
Tetley, Joseph, & Company. (See Connor, Martha H., assignor.)
Testrup, Nils. (See Söderlund, O., Boberg, and Testrup.)
Tew, James D., Hudson, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for making tire casings. 1,577,664; Mar. 23.
Thalheimer, Louie L. (See Davis, Joseph G., assignor.)
Thomas, M. Edgar, Riverview Manor, assignor of one-half to L. F. Sherman, Pelham Manor, N. Y. Electrically-driven vehicle. 1,577,504; Mar. 23.
Thomas, Orin M., and H. Fisher, Los Angeles, Calif. Seat cover. 1,577,883; Mar. 23.
Thompson, John M., Liverpool, England. Storage of vegetable produce. 1,578,218; Mar. 23.
Thomson, E. L., Co. (See Bolingbroke, Charles W. H., assignor.)
Thornbrugh, Alvin, assignor of one-half to C. H. Haas, Manly, Iowa. Lubricating device. 1,578,106; Mar. 23.
Tippit, Matthew L., Olney, Ill. Towline. 1,578,107; Mar. 23.
Tobias, Neuman, Kingston, Jamaica, British West Indies. Fire escape. 1,578,108; Mar. 28.
Todd, William C., and J. W. Pomeroy, Victoria, British Columbia, Canada. Water sprinkler. 1,577,820; Mar. 23.
Tomkins, Douglass G., New York, N. Y., assignor to Standard Development Company. Liquid-dispensing device. 1,577,505; Mar. 23.
Törnblom, Ernst A. E., assignor to C. A. Carlson, F. E. A. Hedborg, and B. S. O. de Verdier, Stockholm, Sweden. Electrode for electric-arc welding. 1,577,506; Mar. 23.
Torrington Company, The. (See Cook, Harmon J., assignor.)
Tovey, Frank K., assignor to Union Cap Manufacturing Company, Pittsburgh, Pa. Lamp holder for miners' caps. 1,578,219; Mar. 23.
Trobaugh, Robert A. (See Robinson, B. E., and Trobaugh.)
Trudell, Napoleon I., Burlington, Vt. Gas-valve cock. 1,578,109; Mar. 23.
Tully, Harry W., et al. (See Campbell, William P., assignor.)
Tunison, Harold L., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Padlock. 1,577,938; Mar. 23.
Twigg, Charles A. (See Spinney, Andrew G., assignor.)
Twin Disc Clutch Company. (See Fawick, Thomas L., assignor.)
Twombly, Edward B. (See Henry, Beulah L., assignor.)
Tyden, Emil, Evanston, Ill. Dry-pipe valve accelerating device. 1,577,776; Mar. 23.
Tyler, Thaddeus F., Haverhill, Mass. Supporting device. 1,578,110; Mar. 23.
Underwood Typewriter Company. (See Campbell, George W., assignor.)
Underwood Typewriter Company. (See Simmons, William D. M., assignor.)
Union Cap Manufacturing Company. (See Tovey, Frank K., assignor.)
Union Metal Products Company. (See Small, Arthur E., assignor.)
United Shoe Machinery Corporation. (See Bazzoni, Lewis J., assignor.)
United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)
Union Special Machine Company. (See Kucera, F. A., and Rubel, assignors.)
United States Bumper Company. (See Rauen, John B., assignor.)
United States Chain & Forging Company. (See Bond, Frank A., assignor.)
United States Chain & Forging Company. (See McGowen, William R., assignor.)
Upton, Henry J., Medford, assignor to The Moore Pen Co., Boston, Mass. Fountain pen. 1,577,548; Mar. 23.
Van Alstine, Frank, Sacramento, Calif. Lawn edger. 1,578,222; Mar. 23.
Van Deventer, Christopher, Chicago, Ill. Air clarifier. 1,577,990; Mar. 23.
Van Ness, Henry E., Elmira, N. Y. Dyeing apparatus. 1,577,884; Mar. 23.
Vachier, Rafael, Baton Rouge, La. Increasing sugar recovery. 1,578,220; Mar. 23.
Vachier, Rafael, Baton Rouge, La. Clarifier for saccharine solutions. 1,578,221; Mar. 23.

Vapor Car Heating Company. (See Russell, Edward A., assignor.)
Venon, Jules H., New York, N. Y. Goblet or similar article. Des. 69,784; Mar. 23.
Venon, Jules H., New York, N. Y. Goblet or similar article. Des. 69,785; Mar. 23.
Venon, Jules H., New York, N. Y. Goblet or similar article. Des. 69,786; Mar. 23.
Verdusio, Rodolfo. (See Caproni, G., Nobile, and Verdusio.)
Victorius, Myer L., New York, N. Y. Hosiery-sizing device. 1,577,991; Mar. 23.
Victor Talking Machine Company. (See Owen, J. W., and Hewitt, assignors.)
Vinageras, Arthur C., Lawrence, Mass. Chromopiano. 1,577,854; Mar. 23.
Vincent, Eugene T., Boston, Mass. Electromagnetic valve. 1,577,599; Mar. 23.
Violette, Cyr R., et al. (See Carrier, Alsime, assignor.)
Violette, L. Y., et al. (See Carrier, Alsime, assignor.)
Vogle, Ina H. E., San Francisco, Calif. Sewing-article-supporting doll. Des. 69,787; Mar. 23.
Volpi, Anthony, and F. Pane, Dunmore, Pa. Extension table. 1,577,600; Mar. 23.
Waclaw, Martin J., Bethlehem, Pa. Dynamic compensator. 1,578,223; Mar. 23.
Wadsworth, Watch Case Co., The. (See Wise, Edmund M., assignor.)
Wakefield, Richard E. B., Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company. Starting valve for engines. 1,577,665; Mar. 23.
Walker, Edward C., Kinlock, Mo., assignor to National Lead Company, New York, N. Y. Pressure regulator. 1,577,625; Mar. 23.
Walker, Norman R., Austin, Minn. Holder for matches, toothpicks straws, and the like. 1,577,940; Mar. 23.
Walker, William, Sawtelle, assignor of one-half to E. W. Kock, Santa Monica, Calif. Smoking pipe. 1,577,941; Mar. 23.
Wallace, Oscar L., Pittsburgh, Pa. Shore. 1,577,942; Mar. 23.
Wallace, R., & Sons Mfg. Co. (See Wilkes, Samuel G., assignor.)
Walter, Harvey W., Philadelphia, Pa. Abdominal bandage. 1,577,666; Mar. 23.
Warden, I. W. (See McCartney, John L., assignor.)
Warmoth, Henry E., assignor of one-third to J. B. Justice, Stilesville, and one-third to R. T. Hollowell, Danville, Ind. Adjustable wagon-body end gate. 1,577,992; Mar. 23.
Warren-Kabse, Incorporated. (See Lennox, Charles G., assignor.)
Warth, Nathaniel G., Gallipolis, Ohio. Muffler for automotive engines. 1,577,626; Mar. 23.
Waterbury Buckle Co. (See Moore, R. A., and Murtha, assignors.)
Watkins, Samuel E. (See Parker, A. F., Hewitt, and Watkins.)
Watson, Wilbur J., East Cleveland, Ohio. Retaining wall. 1,577,885; Mar. 23.
Wayne Tank & Pump Company. (See Gaston, Ralph M., assignor.)
Webster, Thomas H., London, England. Means for handling projectiles and other bodies. 1,577,627; Mar. 23.
Webr, William G., East Cleveland, assignor to The Cleveland Crane and Engineering Company, Wickliffe, Ohio. Crane. 1,577,667; Mar. 23.
Wehr, William G., East Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Grab. 1,577,668; Mar. 23.
Weiler, T. H., et al. (See Broyles, John E., assignor.)
Weinstein, Ellen, San Francisco, Calif. Lingerie fastener. 1,577,993; Mar. 23.
West American Rubber Company. (See Lamb, Charles, assignor.)
West, Clande, Wooster, assignor to M. M. Herron, Millersburg, Ohio. Trench-digging machine. 1,577,994; Mar. 23.
Westbo, Bernhard W., South Prairie, assignor to Railway Safety Brake Lock Corporation, Tacoma, Wash. Air-brake lock. 1,577,855; Mar. 23.
Western Electric Company. (See Horton, Joseph W., assignor.)
Western Electric Company. (See Nicolson, Alexander M., assignor.)
Western Electric Company, Incorporated. (See White, Charles, assignor.)
West, George S., Baltimore, Md. Cotton harvester. 1,578,224; Mar. 23.
Westinghouse Air Brake Company, The. (See Down, Sidney G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bell, George, assignor.)
Westinghouse Electric and Manufacturing Company. (See Hodgkinson, Francis, assignor.)
Westinghouse Electric & Manufacturing Company. (See Morgan, David W. R., assignor.)
Westinghouse Electric and Manufacturing Company. (See Wakefield, Richard E. B., assignor.)
Whalin, Charles E., Salt Lake City, Utah. Illuminating globe. 1,577,777; Mar. 23.
White, Charles, West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Carrier-signaling system. 1,577,778; Mar. 23.
White, Franklin R., assignor to The Patent Button Company, Waterbury, Conn. Button-attaching machine. 1,577,888; Mar. 23.
White, Olga H., New York, N. Y. Game. 1,578,225; Mar. 23.
White, Robert E., Smiths Creek, Mich. Tractor. 1,577,779; Mar. 23.
Whiteley, James, North Tonawanda, N. Y. Toy barn. Des. 69,788; Mar. 23.
White Pine Sash Company. (See Edmond, Oscar G., assignor.)
Wilkinson, Thomas and W., Oakland, Calif. Disk wheel. 1,577,628; Mar. 23.
Wilcken, Everett E., Fort Wayne, Ind. Washing machine. 1,577,780; Mar. 23.
Wilder, Erskine, Hubbard Woods, and A. J. Ollendorf, Oak Park, Ill. Display box. 1,577,507; Mar. 23.
Wilkes, Samuel G., assignor to R. Wallace & Sons Mfg. Co., Wallingford, Conn. Dish or similar article. Des. 69,789; Mar. 23.
Wilkinson, William. (See Wilkinson, Thomas and W.)
Williams, Louis B., Dayton, Ohio. Switch. 1,577,857; Mar. 23.
Williamson, Eric B., Bromley, England. Displaying stair coverings. 1,578,226; Mar. 23.
Wills, Harry E., North Brookfield, Mass. Trimming machine for rubber goods. 1,577,508; Mar. 23.
Willshaw, Harry, assignor to Dunlop Tire and Rubber Corporation of America, Buffalo, N. Y. Method and apparatus for manufacture of cushion tires. 1,577,886; Mar. 23.
Wilshusen, William B. (See Derse, A. F., and Wilshusen.)
Winge, Alvin J., Blanchardville, Wis. Anchoring system. 1,577,629; Mar. 23.
Wingert, Samuel A., Des Moines, Iowa. Scrubbing machine. 1,577,856; Mar. 23.
Winkelman, Herman O. R., Baltimore, Md. Collar. 1,577,887; Mar. 23.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-building machine. 1,578,229; Mar. 23.
Winslow Safety High Pressure Boiler Company. (See Ellis, L. M., and Leslie.)
Winslow Safety High Pressure Boiler Company. (See Winslow, William H., assignor.)
Winslow, William H., River Forest, assignor to Winslow Safety High Pressure Boiler Company, Chicago, Ill. Boiler. 1,577,549; Mar. 23.
Winter, Frank M., Wellington, New Zealand. Sound box of sound-reproducing machines. 1,577,858; Mar. 23.
Wise, Edmund M., assignor to The Wadsworth Watch Case Co., Dayton, Ky. White-gold alloy. 1,577,995; Mar. 23.
Wishon, Ralph, San Francisco, Calif. Producing propellers. 1,577,996; Mar. 23.
Witham, George S., jr., Hudson Falls, N. Y., assignor to American Blower Company, Detroit, Mich. Apparatus for handling vapors. 1,577,509; Mar. 23.
Woerner, William J., Rochester, N. Y. Extensible rod. 1,577,550; Mar. 23.
Wohlers, Friedrich H. N. (See Koch, H., and Wohlers.)
Wolf, Kuno. (See Ruppel, W., and Wolf.)
Wolf, Kuno, Berlin, and E. Langstein, Bad Oldesloe, near Hamburg, Germany, assignors, by mesne assignments, to American Electro-Osmosis Corporation, New York, N. Y. Electroosmotic purification of saccharine juices. 1,577,669; Mar. 23.
Wolseley, James J., Bridgeport, Conn. Toy. 1,578,227; Mar. 23.
Woodard, John H., assignor to Sanitary Hand Dryer Company, Spokane, Wash. Drier. 1,577,859; Mar. 23.
Woodcraft Cabinet Manufacturing Company. (See Ross, Cornelius, assignor.)
Woodley, Clark E., Los Angeles, Calif. Butting gauge. 1,577,943; Mar. 23.
Woolson, Lionel M., assignor to Packard Motor Car Company, Detroit, Mich. Ignition system for internal-combustion engines. 1,577,670; Mar. 23.
Workman, Ellison E. (See Robinson, Edward A., assignor.)
Worth, Jacques, Paris, France. Bottle. Des. 69,790; Mar. 23.
Wright, Edward P., administrator. (See Church, Henry W.)
Wright, Frank. (See Baggett, A. D., Miller, and Wright.)
Wurlitzer, Rudolph, Manufacturing Company, The. (See Battner, Stephen, assignor.)
Wyman, Ruby, Olympia, Wash. Spoon rack for kettles. 1,577,510; Mar. 23.
Yale & Towne Manufacturing Company, The. (See Ledin, Charles, assignor.)
Yale & Towne Manufacturing Company, The. (See Tunison, Harold L., assignor.)
Yates, Richard W., Kansas City, Mo. Rotary washer cylinder. 1,577,860; Mar. 23.
Yearsley, Ralph A., West Ealing, London, England. Internal-combustion engine. 1,578,228; Mar. 23.
Yerger, Will, West Philadelphia, Pa. Sleeve protector. 1,577,630; Mar. 23.
Zaugg, Albert. (See Kaiserman, A., and Zaugg.)

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 23D DAY OF MARCH, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abrasive apron. J. M. Nash. 1,577,485; Mar. 23.
Adjustable clamp. H. Miller. 1,577,868; Mar. 23.
Adjusting device. S. H. Hinnant. 1,578,123; Mar. 23.
Advertising device. A. Carrier. 1,577,560; Mar. 23.
Aerial navigation, Machine of. R. P. Pescara. 1,578,168; Mar. 23.
Aeroplanes, Structure and composition of the fuselages, and parts depending thereon for. G. Caproni, U. Nobile, and R. Verduzio. 1,578,073; Mar. 23.
Air-brake equipment. G. E. Maier. 1,577,834; Mar. 23.
Air-brake lock. B. W. Westbo. 1,577,855; Mar. 23.
Air clarifier. C. Van Deventer. 1,577,990; Mar. 23.
Air-compressing system. H. H. Kouka. 1,577,730; Mar. 23.
Air-conditioning means. P. S. Moyer. 1,577,867; Mar. 23.
Air filters, Cleaning and charging. J. H. Fedeler. 1,577,703; Mar. 23.
Air purifier or humidifier and inhaler. A. Bauer. 1,577,604; Mar. 23.
Airship. J. E. Broyles. 1,578,069; Mar. 23.
Alarm; *See*—
Fire alarm.
Alloy, White-gold. E. M. Wise. 1,577,995; Mar. 23.
Aluminum chloride, Distilling with. A. M. McAfee. 1,578,050; Mar. 23.
Aluminum chloride, Making. A. M. McAfee. 1,578,052; Mar. 23.
Amusement device. C. Fleischer. 1,578,116; Mar. 23.
Amusement device. B. M. Herrera. 1,577,578; Mar. 23.
Amusement purposes, Apparatus for. C. Capitelli. 1,577,689; Mar. 23.
Anchoring system. A. J. Winge. 1,577,629; Mar. 23.
Angler's artificial-fly case. D. S. Cryder. 1,577,566; Mar. 23.
Antiskid chain for motor vehicles. C. G. Drescher and C. E. Orrison. 1,577,454; Mar. 23.
Antiskid device. F. A. Bond. 1,577,684; Mar. 23.
Antiskid device. C. M. Brandt. 1,578,068; Mar. 23.
Antisqueak web. R. Krenz. 1,577,582; Mar. 23.
Arch construction. G. Rau. 1,578,094; Mar. 23.
Arsenates, Manufacturing. D. Lopez. 1,578,150; Mar. 23.
Ash dump, Automatic. E. M. Sholar. 1,577,814; Mar. 23.
Ash tray, Pocket. J. V. Monaco. 1,578,159; Mar. 23.
Autoelectronic device. J. E. Lilienfeld. 1,578,045; Mar. 23.
Auto implement and gauge, Combination. C. H. Poe. 1,577,490; Mar. 23.
Auto spring, Auxiliary. F. C. Leavitt. 1,577,864; Mar. 23.
Automobile body. W. A. King. Des. 69,760; Mar. 23.
Automobile brakes, Brake-lining fastener for. B. Karasiewicz. 1,577,530; Mar. 23.
Automobile, Bucking. P. T. Gossett. 1,577,743; Mar. 23.
Automobile bumpers, Malleable noncorrosive casing for. C. G. Ross. 1,577,759; Mar. 23.
Automobile doors, Combined fastener and handle for. P. H. Gaskine. 1,578,118; Mar. 23.
Automobile fender, Life-saving. I. B. Grimaldi. 1,577,904; Mar. 23.
Automobile spring. F. J. Smith. 1,577,767; Mar. 23.
Automobile steering mechanism. W. P. Campbell. 1,577,822; Mar. 23.
Automobile trunk rack. C. B. Durham and F. G. Farry. 1,577,793; Mar. 23.
Automobiles, Control mechanism for. V. Hilliford. 1,578,244; Mar. 23.
Automobiles, Floor mat for. H. Hellweg. 1,577,526; Mar. 23.
Automobiles, Hatrack for. H. L. Jacobson. 1,577,826; Mar. 23.
Automobiles having demountable tops, Door for. M. R. Hufl. 1,578,125; Mar. 23.
Automobiles, Illuminated safety bumper for. E. Slusser. 1,577,937; Mar. 23.
Automobiles, Paint remover for. S. Ishiyama. 1,577,824; Mar. 23.
Automobiles, Temperature indicator for. C. A. Dunham. Des. 69,751; Mar. 23.
Automobiles, Timing mechanism for. A. Schumacher. 1,577,877; Mar. 23.
Automobiles, Utility tool for. H. H. Buss. 1,577,687; Mar. 23.
Awning fixture, Window-. F. D. Frazee. 1,578,081; Mar. 23.
Backflow check. A. Hess. 1,577,637; Mar. 23.
Badge. C. G. Lennox. Des. 69,763; Mar. 23.
Bag; *See*—
Mesh bag.
Bailer. H. W. Rhinelander. 1,577,541; Mar. 23.
Balloon. I. W. Reagan. 1,577,756; Mar. 23.
Bandage, Abdominal. H. W. Walter. 1,577,666; Mar. 23.
Bank, Small coin savings. H. S. Goodman. 1,578,240; Mar. 23.
Banks and the like, Protection against robbery in. H. E. Shepard. 1,577,764; Mar. 23.
Barrels and the like, Adjustable support for. E. F. Beugler. 1,578,184; Mar. 23.
Bath mat and the like. F. C. Brewer. 1,577,608; Mar. 23.
Battery boxes, Handle for. E. H. Bridge. 1,578,003; Mar. 23.
Battery carrier. J. Taylor. 1,578,105; Mar. 23.
Bead construction. T. Midgley. 1,578,202; Mar. 23.
Bearing cage. L. S. Christopherson. 1,577,786–7; Mar. 23.
Bearing, Roller. J. F. Foster. 1,577,705; Mar. 23.
Bearing, Self-aligning shaft. H. R. Reynolds. 1,578,237; Mar. 23.
Bed attachment. A. M. Jenness. 1,577,825; Mar. 23.
Bed construction. V. L. Holmes. 1,577,721; Mar. 23.
Beet topper. A. F. Garcia. 1,577,742; Mar. 23.
Belt conveyer, Trough. F. Jones. 1,577,725; Mar. 23.
Beverage container. J. C. Hickingbotham. 1,577,969; Mar. 23.
Bezel, Instrument. A. Cleven. Des. 69,742–4; Mar. 23.
Bicycles, Propelling mechanism for. F. Montiglio. 1,577,585; Mar. 23.
Binder, Loose-leaf. R. J. Copeland. 1,577,563; Mar. 23.
Binders, Adjustable straw guide for. P. Gerlach. 1,577,963; Mar. 23.
Bit; *See*—
Drilling bit.
Bit and disk structure, Combination. E. F. Raymond. 1,577,811; Mar. 23.
Blackboard washer. A. P. Bennington. 1,577,944; Mar. 23.
Blotter, Desk. L. C. Bauman. 1,578,063; Mar. 23.
Blower. J. Taylor. 1,577,503; Mar. 23.
Board; *See*—
Coin board. Football game board.
Bobbin. F. Mossberg. 1,577,866; Mar. 23.
Bobbin holders, Support for. A. Delerue. 1,577,451; Mar. 23.
Boiler, W. H. Winslow. 1,577,549; Mar. 23.
Book-match cover. A. B. Harris. 1,578,119; Mar. 23.
Bottle. C. C. Ritz. Des. 69,772; Mar. 23.
Bottle. J. Worth. Des. 69,790; Mar. 23.
Bottle and holder, Combined. J. A. Fields. Des. 69,753; Mar. 23.
Bottle, Nursing. L. Sejarto. 1,577,988; Mar. 23.
Bottle or similar article. G. Miller. Des. 69,766; Mar. 23.
Bottle-shaking machine, Test-. E. L. Leabo. 1,578,143; Mar. 23.
Box; *See*—
Display box. Water and vent box.
Bracket-hanger backing. A. Hess. 1,577,638; Mar. 23.
Brake; *See*—
Compression brake. Fluid-pressure brake.
Brake. H. G. Rairdan. 1,577,983; Mar. 23.
Braking system, Elevator. W. S. Atkinson. 1,577,999; Mar. 23.
Brush, Bath. V. F. Creegan. 1,577,565; Mar. 23.
Brush mounting, Commutator-. J. McDonald. 1,577,749; Mar. 23.
Brush, Portable electric. P. Case. 1,578,013; Mar. 23.
Brush, Timer. M. Forder. 1,577,572; Mar. 23.
Buckle, R. A. Moore and W. F. Murtha. 1,577,840; Mar. 23.
Buffing pads, Machine for sewing. C. M. Horton. 1,577,640; Mar. 23.
Building blocks, Manufacturing. C. A. and H. A. Perkins. 1,578,091; Mar. 23.
Building construction. F. R. Hahn. 1,577,906; Mar. 23.
Bumper. R. C. Amberg. 1,578,062; Mar. 23.

Bumper. P. T. Lenoir. 1,578,146; Mar. 23.
Bumper. J. B. Rauen. 1,577,755; Mar. 23.
Burner: *See*—
Fuel burner. Liquid-fuel burner.
Gas burner. Oil burner.
Burner. A. Kais. 1,578,133; Mar. 23.
Burner. A. Kaiserman and A. Zaugg. 1,578,135; Mar. 23.
Burning-off machine, Automatic. A. C. Parker. 1,577,656; Mar. 23.
Block cleaner, Electric-motor-driven, Butcher-. H. W. Burton. 1,578,188; Mar. 23.
Butting gauge. C. E. Woodley. 1,577,943; Mar. 23.
Button-attaching machine. F. R. White. 1,577,888; Mar. 23.
Button-location-marking machine. L. J. Bazzoni. 1,577,554; Mar. 23.
Cabinet, Sound-amplifying. J. B. Hawley. Des. 69,755; Mar. 23.
Cabinets, Supporting articles in. E. H. Pinto. 1,578,169; Mar. 23.
Calendar. G. F. Hawley. 1,577,967; Mar. 23.
Calendar and memorandum pad, Perpetual desk. A. D. Baggett, R. E. Miller, and F. Wright. 1,577,631; Mar. 23.
Camera and film kit. H. W. Davis. 1,577,958; Mar. 23.
Camp chair. N. Orwick. 1,577,807; Mar. 23.
Can: *See*—
Oil can.
Candy-ribbon-forming machine. S. Pearce. 1,577,934; Mar. 23.
Canoes, Attachment for. C. L. Edwards. 1,577,614; Mar. 23.
Cap and collar case. J. J. Coles. 1,577,632; Mar. 23.
Cap towel. E. Blumenthal. 1,577,945; Mar. 23.
Car construction, Freight-. L. J. Spence. 1,577,816–7; Mar. 23.
Car couplers, Uncoupling device for. A. E. Small. 1,577,661; Mar. 23.
Car, Dump. A. Campbell. 1,577,688; Mar. 23.
Car indicator. F. J. Kelly. 1,578,039; Mar. 23.
Car-loading system. R. P. Greenleaf. 1,578,023; Mar. 23.
Car seal and lock, Combined. C. A. Nash. 1,578,060; Mar. 23.
Carbon black, Making. O. G. Messenger. 1,577,481; Mar. 23.
Carburetor. C. F. Johnson. 1,577,802; Mar. 23.
Carburetors, Air-intake control for. C. Latta. 1,577,473; Mar. 23.
Carburetors, Automatic choker for. G. R. Sisson. 1,577,765–6; Mar. 23.
Carriage, Cableway. K. B. Noble. 1,577,652; Mar. 23.
Carrier: *See*—
Battery carrier. Tire carrier.
Luggage carrier.
Carton-closing mechanism. F. M. Peters and W. H. Hungerford. 1,577,850; Mar. 23.
Case: *See*—
Cap and collar case. Refrigerator display case.
Cash register. C. F. Rosien. 1,578,209; Mar. 23.
Casting machine, Type-bar-. W. J. Irwin. 1,577,801; Mar. 23.
Catalytic distillation, Continuous. G. L. Prichard and H. Henderson. 1,577,871; Mar. 23.
Cement or other building material, Production of lasting colored stains in and upon the surface of. J. Koebig. 1,577,729; Mar. 23.
Cement, Preparing. W. Kirchner. 1,578,139; Mar. 23.
Chair: *See*—
Camp chair. High chair.
Chairs, Hinge for folding. A. F. Derse and W. B. Wilshusen. 1,578,190; Mar. 23.
Chaplet for foundry use. J. Kovanda. 1,578,043; Mar. 23.
Check writer and protector. A. C. Mabee. 1,578,048; Mar. 23.
Checking mechanism. F. L. Re Qua. 1,577,757; Mar. 23.
Chiropractic table. L. L. Castetter. 1,577,785; Mar. 23.
Chromopiano. A. C. Vinagerns. 1,577,854; Mar. 23.
Cigar holder. J. R. Cardwell. 1,577,448; Mar. 23.
Circuit breaker. J. F. Dodge. 1,578,192; Mar. 23.
Circuit breaker, Electric-. C. Eleman. 1,578,018; Mar. 23.
Circuit closer, Float-operated. T. V. Breyer. 1,577,686; Mar. 23.
Circuits, Composite ringer. O. F. Cassaday. 1,577,690; Mar. 23.
Circuits for carrier systems, Selective signaling. R. K. Bonell. 1,577,515; Mar. 23.
Circuits, Selector. R. K. Bonell. 1,577,514; Mar. 23.
Circuiter, Short. E. P. Larsh. 1,577,736; Mar. 23.
Clamp: *See*—
Adjustable clamp.
Clarifier for saccharine solutions. R. Vachier. 1,578,221; Mar. 23.
Clasp: *See*—
Dental clasp. Fur clasp.
Cleaner: *See*—
Butcher-block cleaner. Suction cleaner.
Intestine cleaner. Windshield cleaner.
Sieve cleaner.
Cloth, Combination poncho and ground. S. C. Morehouse. 1,577,586; Mar. 23.
Clutch, Friction. T. L. Fawick. 1,577,901; Mar. 23.
Clutch, Friction. O. M. Sholberg. 1,577,496; Mar. 23.
Clutches, Brake mechanism for. C. F. Sherman and A. E Andrews. 1,578,099; Mar. 23.
Cock, Ball. J. C. Newcombe and R. A. Casarotti. 1,577,845; Mar. 23.
Coconut splitter. R. J. Carter. 1,577,953; Mar. 23.
Coffeepot or similar article. G. N. Allen. Des. 69,730; Mar. 23.
Coil mounting. J. S. Elliott. 1,577,794; Mar. 23.
Coin board, Rotary. G. H. Merwin. 1,577,533; Mar. 23.
Collar. H. O. R. Winkelman. 1,577,887; Mar. 23.
Combustion-promoting device. H. J. Marsh. 1,578,151; Mar. 23.
Compensator, Dynamic. M. J. Waclaw. 1,578,223; Mar. 23.
Compression brake. G. B. Hyre. 1,577,466; Mar. 23.
Concentrator or sluice box. F. S. Morgan. 1,577,926; Mar. 23.
Concrete-conduit reinforcement. A. Marston. 1,577,923; Mar. 23.
Concrete mixer. G. Jaeger. Re16,296; Mar. 23.
Concrete mixer, Heated-. W. C. Elze. 1,578,021; Mar. 23.
Concrete wall blocks, Mold for. H. T. Bumgardner. 1,577,784; Mar. 23.
Condenser. G. Bell. 1,578,002; Mar. 23.
Condenser. F. Hodgkinson. 1,578,031–2; Mar. 23.
Condenser. D. W. R. Morgan. 1,578,058; Mar. 23.
Condenser, Electrical. D. R. Lovejoy. 1,577,748; Mar. 23.
Condenser, Surface. D. W. R. Morgan. 1,578,057; Mar. 23.
Cone-winding machine. A. A. Johnson. 1,578,243; Mar. 23.
Container. M. Block. 1,577,682–3; Mar. 23.
Container. C. W. H. Bolingbroke. 1,578,066; Mar. 23.
Container. C. Lefkowitz. 1,577,738; Mar. 23.
Container-opening device. J. Lee and C. Pearson. 1,578,144; Mar. 23.
Continuous press. A. Columbro. 1,577,519; Mar. 23.
Conveyer systems, Distributing apparatus for. J. G. Maclaren. 1,578,155; Mar. 23.
Cooker, Sectional food. L. F. Adams. 1,577,781; Mar. 23.
Cord-making machine. F. S. Dickinson and A. E. Shepard. 1,577,521; Mar. 23.
Core barrel and reamer, Combination. H. E. Becker. 1,577,605; Mar. 23.
Core bars in flasks, Supporting. J. R. McWane. 1,578,083; Mar. 23.
Core-handling apparatus. T. Midgley. 1,577,482; Mar. 23.
Cork articles, Process of and apparatus for making. M. Marsa and W. Jackson. 1,577,922; Mar. 23.
Counterpoise. B. P. Joyce. 1,577,529; Mar. 23.
Coupler. A. H. Anderson. 1,577,512; Mar. 23.
Coupling: *See*—
Shaft coupling. Trailing coupling.
Crane. E. T. Bennington. 1,577,606; Mar. 23.
Crane. W. G. Wehr. 1,577,667; Mar. 23.
Cribbing. D. A. Hultgren and C. Taylor. 1,578,126; Mar. 23.
Crocheting, Finger ring for. H. R. Rees. 1,577,658; Mar. 23.
Crude iron, Treating and refining. F. Burgers. 1,578,009; Mar. 23.
Cultivator. S. E. Ballor. 1,577,552; Mar. 23.
Cultivator, Tractor. C. R. David. 1,577,567; Mar. 23.
Cultivators, Device for operating the plant-hoeing members of. R. H. Burkey. 1,577,947; Mar. 23.
Cultivators, Fender for. S. K. Dennis. 1,577,452; Mar. 23.
Current and voltage regulator, Electric. E. E. Taeubert. 1,577,663; Mar. 23.
Curtain draper. R. A. Norton. 1,577,486; Mar. 23.
Curtain stretcher. G. J. Gahring. 1,578,117; Mar. 23.
Cutter: *See*—
Label cutter. Rotary cutter.
Pipe cutter. Tile cutter.
Cylinder grinding attachment. L. C. Marburg. 1,577,478; Mar. 23.
Cylinder, Rotary washer. R. W. Yates. 1,577,860; Mar. 23.
Dashpot. O. G. Lissen. 1,578,148; Mar. 23.
Deflector, Vision. A. J. Edwards. 1,577,700; Mar. 23.
Dehydrator, Vacuum. C. E. Glessner. 1,577,709; Mar. 23.
Dental amalgamator. H. A. Bonoff. 1,578,067; Mar. 23.
Dental apparatus, Unitary. O. H. Pieper. 1,578,207; Mar. 23.
Dental clasp. A. Luks. 1,577,831; Mar. 23.
Desk. R. C. Erskine. Des. 69,752; Mar. 23.
Die-press draw rings, Cushion for. S. Brown. 1,577,446; Mar. 23.
Diggers, Separator for. A. L. Hoover. 1,578,034; Mar. 23.
Direction indicator. T. H. Hale. 1,577,713; Mar. 23.
Dish or similar article. S. G. Wilkes. Des. 69,789; Mar. 23.
Disintegrator for pulverizing sugar and other friable substances. W. E. Prescott. 1,577,492; Mar. 23.
Disk wheel. T. Wilkinson and W. Wilkinson. 1,577,628; Mar. 23.
Dispensing device. A. H. Polk. 1,577,539; Mar. 23.

Dispensing machine. E. B. Davenport. 1,577,695; Mar. 23.
Display box. E. Wilder and A. J. Ollendorf. 1,577,507; Mar. 23.
Display device. E. H. Snyder. 1,578,180; Mar. 23.
Display stand. J. L. McCartney. 1,577,583; Mar. 23.
Display stand for soap boxes. W. S. Jenkins. 1,577,724; Mar. 23.
Distributor. W. Kaisling. 1,577,468; Mar. 23.
Doll and pincushion, Combination. R. George. Des. 69,754; Mar. 23.
Doll's eyes. I. A. Rogmer. 1,578,176; Mar. 23.
Door bumper. E. R. Mitchell. 1,578,158; Mar. 23.
Door construction. R. Mooney. 1,577,925; Mar. 23.
Door construction for hog houses. K. M. Healy. 1,578,028; Mar. 23.
Door-fastening mechanism. F. Knowlson and J. H. Stevenson. 1,578,041; Mar. 23.
Door-motor control. L. P. Hynes. 1,577,908; Mar. 23.
Door-opening device, Garage-. A. J. Schrade and E. Johnson. 1,578,177; Mar. 23.
Door stiles, Automatic machine for cutting. G. W. Gould and M. B. Gathman. 1,577,744; Mar. 23.
Draft arm and center sill reenforcement, Combined. J. P. Gallagher. 1,577,961; Mar. 23.
Dredger, Double-track extensible. C. H. Ruth. 1,577,761; Mar. 23.
Drier. J. H. Woodward. 1,577,859; Mar. 23.
Drill attachment. J. A. Conrad. 1,577,895; Mar. 23.
Drilling bit, Rotary. J. Rutherford and H. P. Scanlon. 1,577,875; Mar. 23.
Drilling tools, Device for use in connection with. H. M. Macomber and H. H. Pyron. 1,577,740; Mar. 23.
Drinking fountain, Poultry. C. E. Stalsberg. 1,577,878; Mar. 23.
Drying apparatus. O. Söderlund, T. Boberg, and N. Testrup. 1,577,545; Mar. 23.
Drying device for the lavatory. W. O. Lum. 1,578,047; Mar. 23.
Dump structure, Power. N. Essick. 1,577,635; Mar. 23.
Dyeing apparatus. H. E. Van Ness. 1,577,884; Mar. 23.
Edger, Lawn. F. Van Alstine. 1,578,222; Mar. 23.
Egg beater. H. L. Emery. 1,577,615; Mar. 23.
Electric currents, Apparatus for commutating. C. S. Bradley. 1,577,685; Mar. 23.
Electric-furnace system. J. W. Harsch. 1,578,027; Mar. 23.
Electric machine, Dynamo-. J. B. Bushnell. 1,577,948; Mar. 23.
Electric machine, Dynamo-. H. K. Sandell. 1,578,097; Mar. 23.
Electric magnetic motor. A. Franca. 1,577,460; Mar. 23.
Electric motor. H. K. Sandell. 1,578,096; Mar. 23.
Electric socket. J. Hohl. 1,578,033; Mar. 23.
Electric space discharge device and operating the same. A. M. Nicolson. 1,577,846; Mar. 23.
Electric waves, Generation and control of. J. W. Horton. 1,577,722; Mar. 23.
Electrical protective device. W. H. T. Holden. 1,577,719; Mar. 23.
Electrical resistance apparatus, Adjustable. F. M. Ende and P. A. E. Armstrong. 1,577,456; Mar. 23.
Electrical starting apparatus. F. J. Hardman. 1,577,800; Mar. 23.
Electrical timing device. G. A. Safstrom. Re16,298; Mar. 23.
Electrode holder. C. C. Peck. 1,577,489; Mar. 23.
Electrolytic separation apparatus. A. Dassbach. 1,577,898; Mar. 23.
Electromagnetic sound apparatus, A. du Bois-Reymond and L. Adelmann. 1,577,741; Mar. 23.
Elevators, Automatic floor indicators for passenger. J. F. Jones. 1,578,181; Mar. 23.
Elevators, Control for electric. H. F. Parker. Re16,297; Mar. 23.
Embalming accessory. E. R. Jones. 1,577,827; Mar. 23.
Emulsions, Manufacture of gelatin suitable for. A. Jenny and J. Angerstein. 1,577,642; Mar. 23.
Emulsions of oil and water, Apparatus for forming. S. A. Bullock. 1,578,187; Mar. 23.
Engine: *See*—
Internal-combustion engine.
Engine. G. Matz. 1,578,199; Mar. 23.
Engine-cooling indicator. C. S. Drake. 1,578,193; Mar. 23.
Engine-cooling system. H. C. Mallory. 1,577,477; Mar. 23.
Engine-starting apparatus. G. W. Elsey. 1,577,795; Mar. 23.
Engine valve gear, Steam-. J. A. Le Cain. 1,577,914; Mar. 23.
Engine-valve structure. R. W. Munger. 1,577,484; Mar. 23.
Engines, Air cleaner for internal-combustion. R. O. Hendrickson. 1,577,715; Mar. 23.
Engines, Attachment for internal-combustion. J. Stutika. 1,578,216; Mar. 23.
Engines, Governor for internal-combustion. L. H. Clementa. 1,577,592; Mar. 23.
Engines, Ignition system for internal-combustion. L. M. Woolson. 1,577,670; Mar. 23.
Engines, Muffler for automotive. N. G. Warth. 1,577,626; Mar. 23.
Engines, Regulating internal-combustion. A. C. Attendu. 1,577,551; Mar. 23.
Engines, Starting plug for internal-combustion. F. B. Morrison. 1,577,483; Mar. 23.
Engines, Starting valve for. R. E. B. Wakefield. 1,577,665; Mar. 23.
Engines, Temperature-indicator apparatus for cooling systems of explosive. C. Nielsen, jr. 1,577,847; Mar. 23.
Engines, Valve-operating mechanism for internal-combustion. W. M. Goodwin. 1,577,965; Mar. 23.
Envelope. M. E. King. 1,577,828; Mar. 23.
Exercising apparatus. E. T. Randall. 1,577,809; Mar. 23.
Explosives, Machine for packing. G. Johnson. 1,578,036; Mar. 23.
Extensible rod. W. J. Woerner. 1,577,550; Mar. 23.
Extension table. C. Ross. 1,577,813; Mar. 23.
Extension table. A. Volpi and F. Pane. 1,577,600; Mar. 23.
Fan, Ceiling. M. M. Glasser. 1,577,461; Mar. 23.
Fan, Folding. E. P. Tabor. 1,577,502; Mar. 23.
Fastener forming and driving machine, Automatically-controlled. E. Craig. 1,578,015; Mar. 23.
Fastening means. M. B. Behrman. 1,577,678; Mar. 23.
Fat and oil containing solids of animal origin, Rendering. W. Laabs. 1,578,245; Mar. 23.
Fender: *See*—
Automobile fender.
Fender guard. W. R. McGowen. 1,578,056; Mar. 23.
Fender guard and support. A. W. Nordgren. 1,578,085; Mar. 23.
Fender-guard structure. A. W. Nordgren. 1,578,086; Mar. 23.
Fence construction. J. Stutter. 1,578,217; Mar. 23.
Fez or similar article. C. E. Jenkins. Des. 69,758; Mar. 23.
Fibrous article and coating compositions therefor, Coated. C. H. Crowell. 1,577,450; Mar. 23.
Figure, Mechanically-operated. A. E. Gover and C. H. Hartman. 1,577,903; Mar. 23.
File, Paper. C. O. Brown, R. E. Morrison, and I. J. Mandigo. 1,577,558; Mar. 23.
Film, Transfer. C. P. Olson. 1,578,203; Mar. 23.
Fire alarm, Thermostatic. J. E. Buchanan. 1,577,892; Mar. 23.
Fire escape. N. Tobias. 1,578,108; Mar. 23.
Fish lure. G. T. Buddie. 1,578,070; Mar. 23.
Fish, Machine for removing the heads and guts of. J. E. A. Chauveur. 1,577,518; Mar. 23.
Fishing-line leader and snell. C. A. Dawson. 1,578,189; Mar. 23.
Fishing-pole support. J. W. Dees. 1,577,612; Mar. 23.
Fishing reel. M. A. Robinson and F. E. Shaner. 1,577,812; Mar. 23.
Flatirons, Support and shield for. T. A. C. Cook. 1,577,790; Mar. 23.
Flexible joint. E. A. Russell. 1,577,760; Mar. 23.
Floor, Counterweighted lowering. T. M. Brintnall. 1,578,004; Mar. 23.
Floor jack. F. C. Prentice. 1,577,491; Mar. 23.
Fluid-pressure brake. S. G. Down. Re16,295; Mar. 23.
Fluids, Feed-controlling apparatus for. R. F. Burke. 1,578,010; Mar. 23.
Flytrap for stock. S. Abbott. 1,577,435; Mar. 23.
Football game board. L. J. Palese. 1,577,932; Mar. 23.
Footwear, Waterproof. L. Dreschler. 1,577,791; Mar. 23.
Fountain: *See*—
Drinking fountain.
Fracture frame. J. M. Graham. 1,577,712; Mar. 23.
Frame: *See*—
Fracture frame. Tube frame.
Lens frame.
Frames, Drive mechanism for twisting and spinning. H. G. Beede. 1,578,183; Mar. 23.
Fruit press. J. P. Jourdan. 1,578,037; Mar. 23.
Fuel. T. Midgley, jr. 1,578,201; Mar. 23.
Fuel burner. W. D. Stacey. 1,578,101; Mar. 23.
Fuel distributor, Adjustable. C. F. Street. 1,577,769; Mar. 23.
Fur clasp. S. Goldstein. 1,577,624; Mar. 23.
Furnace-charging method. W. E. Newnam. 1,577,537; Mar. 23.
Furnaces, Steam injector for. N. H. Brown. 1,577,891; Mar. 23.
Fuse plug. H. E. V. Brückner. 1,577,447; Mar. 23.
Game. F. J. Laskowski. 1,578,142; Mar. 23.
Game. O. H. White. 1,578,225; Mar. 23.
Game apparatus. M. L. Brooks. 1,578,005; Mar. 23.
Game apparatus. T. J. Dunne. 1,577,959; Mar. 23.
Game, Card. D. E. Smith. 1,578,212; Mar. 23.
Garment, Apparel. W. Kops. 1,578,042; Mar. 23.
Garment, Elastic. J. T. Price. 1,577,752; Mar. 23.
Gas and oil, Method and apparatus for separating. D. G. Lorraine. 1,577,917; Mar. 23.
Gas burner, Low-pressure. H. D. Schrader. 1,578,210; Mar. 23.
Gas from a mixture of gases, Method and apparatus for separating or recovering a. E. B. Miller. 1,577,534; Mar. 23.
Gas retorts, Machine for charging and discharging. T. F. Canning and R. G. Clark. 1,578,072; Mar. 23.
Gas-supply-controlling means, Automatic. J. B. Allington and G. S. Dady. 1,577,511; Mar. 23.

Gases, Apparatus for determining temperatures by CO_2 content of combustion. F. D. Potter. 1,577,853; Mar. 23.
Gases, Compressor for. N. M. Small. 1,577,594; Mar. 23.
Gases, System of distribution of refuse-destructor. R. Balmer. 1,578,181; Mar. 23.
Gauge and scribing tool. A. J. Donley. 1,577,569; Mar. 23.
Gate hanger, Sliding-. B. Mulholland. 1,578,164; Mar. 23.
Gates, Apparatus for operating bin. J. C. Hayes, jr. 1,577,636; Mar. 23.
Gauge: *See*—
Butting gauge.
Gear and wheel puller, Combination. B. E. Robinson and R. A. Trobaugh. 1,578,174; Mar. 23.
Gear mechanism for surfacing machines, Drive-. A. E. Evans. 1,577,457; Mar. 23.
Gear, Mounting for brake. S. J. Strid. 1,577,771; Mar. 23.
Gear mountings, Adapter for brake-. S. J. Strid. 1,577,772; Mar. 23.
Gearing. J. W. Pearson. 1,577,982; Mar. 23.
Gearing. S. J. Strid. 1,577,770; Mar. 23.
Generator: *See*—
Steam generator.
Generating unit for low-frequency apparatus, Air-cooled. H. B. Hartman. 1,577,747; Mar. 23.
Geological samples, Machine for taking out. K. Nishio. 1,577,535; Mar. 23.
Gilsonitic product and its manufacture. C. N. Forrest, H. P. Hayden, and O. R. Douthette. 1,578,235; Mar. 23.
Glass, Apparatus for burning off. A. C. Parker. 1,577,537; Mar. 23.
Glass, Apparatus for severing. A. C. Parker and C. W. Schreiber. 1,577,536; Mar. 23.
Glass bowl or similar article. A. J. Bennett. Des. 69,735; Mar. 23.
Glass, Method of and apparatus for burning off. E. C. Schrader. 1,578,098; Mar. 23.
Glass, Method of and apparatus for severing. E. C. Schrader. 1,577,543; Mar. 23.
Glass, Process and apparatus for refining. W. O. Amsler. 1,577,602; Mar. 23.
Glassware, Apparatus for burning off. A. C. Parker. 1,577,538; Mar. 23.
Glassware, Apparatus for glazing edges of. A. B. Knight. 1,577,581; Mar. 23.
Glassware, Method of and apparatus for burning off. A. C. Parker. 1,577,655; Mar. 23.
Glassware, Process and apparatus for burning off. A. C. Parker. 1,577,654; Mar. 23.
Globe, Illuminating. C. E. Whalin. 1,577,777; Mar. 23.
Glue and gelatin, Electroosmotic purification of. W. Ruppel and E. Wolf. 1,577,660; Mar. 23.
Goblet or similar article. J. H. Venon. Des. 69,784–6; Mar. 23.
Goggles. R. Malcom. 1,577,980; Mar. 23.
Governor. L. H. Clements. 1,577,691; Mar. 23.
Grab. G. E. McCracken. 1,577,833; Mar. 23.
Grab. W. G. Wehr. 1,577,668; Mar. 23.
Gramophone or similar article, Tone arm for a. C. Mahé de Chenal de la Bourdonnais. Des. 69,764; Mar. 23.
Grain door. T. V. Stralka. 1,577,547; Mar. 23.
Grate, Fuel-saving. A. Mansfield. 1,577,921; Mar. 23.
Grinder, Magazine wood-pulp. P. C. Schaanning. 1,577,762; Mar. 23.
Grinding tool, Cylinder-. G. H. Blettner. 1,577,681; Mar. 23.
Hair felt and method of making. A. L. Clapp. 1,577,955; Mar. 23.
Hair, Method and apparatus for treating. F. Capdevila. 1,578,012; Mar. 23.
Hair waver. M. B. Sylva. 1,577,598; Mar. 23.
Hair, Waving. F. Parker. 1,577,488; Mar. 23.
Ham boiler and the like. J. Kaefer, jr. 1,578,132; Mar. 23.
Hand protector. G. B. Punches. 1,577,540; Mar. 23.
Handle: *See*—
Utensil handle.
Hanger: *See*—
Gate hanger.
Harmonica. G. B. Dusinberre. 1,577,899; Mar. 23.
Harp or lamp-shade holder. B. Holz. 1,578,124; Mar. 23.
Harrow, Rotary. J. C. Stotz. 1,578,102; Mar. 23.
Harvester, Asparagus. C. Montan. 1,578,162; Mar. 23.
Harvester, Cotton. G. S. West. 1,578,224; Mar. 23.
Hat stretcher. A. Brodin. 1,578,186; Mar. 23.
Hat support. B. Jutz. 1,577,645; Mar. 23.
Headband. H. Koch and A. Schönmann. 1,577,910; Mar. 23.
Headlight reflector. H. F. Loukes. 1,577,739; Mar. 23.
Headlight, Tilting shade-dimmed. F. Foley. 1,577,571; Mar. 23.
Heater: *See*—
Water heater.
Heaters and the like, Vent cap for. P. W. Hirschberg. 1,578,030; Mar. 23.
Heel-building machine. E. E. Winkley. 1,578,220; Mar. 23.
Heel shoe soles, Apparatus for making spring-. J. F. O'Sell. 1,577,525; Mar. 23.
High chair. E. A. Kilmer. 1,578,040; Mar. 23.
Hinge. J. B. Howat. Des. 69,757; Mar. 23.
Hinge. S. W. Parsons. 1,577,933; Mar. 23.
Holding device. J. A. McGrath. 1,578,154; Mar. 23.
Hosiery-sizing device. M. L. Victorius. 1,577,991; Mar. 23.
Hub and journal box. W. O. McKamey. 1,577,480; Mar. 23.
Hydraulic drives, Control mechanism for. W. Ferris. 1,578,234; Mar. 23.
Hydraulic press. W. Ferris. 1,578,233; Mar. 23.
Hydrocarbons, Separating. W. C. Averill, jr. 1,577,440; Mar. 23.
Index tab. J. H. Rand. 1,577,493; Mar. 23.
Indexing mechanism, Hydraulic. W. Ferris. 1,578,232; Mar. 23.
Indicator: *See*—
Car indicator. Engine-cooling indicator.
Direction indicator.
Insecticides sticker mixture. S. Lomanitz. 1,577,916; Mar. 23.
Insulating material, Heat-. J. A. Scharwath. 1,577,495; Mar. 23.
Internal-combustion engine. H. W. Church. 1,578,111; Mar. 23.
Internal-combustion engine. H. L. Hosterman. 1,577,970; Mar. 23.
Internal-combustion engine. W. E. Ogden and G. N. Smith. 1,577,806; Mar. 23.
Internal-combustion engine. R. A. Yearsley. 1,578,228; Mar. 23.
Intestine cleaner, Animal-. H. and H. Nägele. 1,578,167; Mar. 23.
Ironing machine. T. W. Behan. 1,578,001; Mar. 23.
Jack: *See*—
Floor jack. Vehicle jack.
Spring jack.
Jar: *See*—
Storage-battery jar.
Jar vise, Fruit-. W. F. Kaiser. 1,578,134; Mar. 23.
Jellifying product and making same. M. W. Higgins. 1,578,122; Mar. 23.
Joint: *See*—
Flexible joint. Sectional joint.
Railway-rail joint.
Kettle, Boiling and draining. B. L. Eck. 1,577,522; Mar. 23.
Kettles, Spoon rack for. R. Wyman. 1,577,510; Mar. 23.
Key-holding attachment for belts. R. F. Miller. 1,578,157; Mar. 23.
Kiosk, Vending. J. B. Kurowski. Des. 69,762; Mar. 23.
Kitchen ventilator. W. H. Anderson. 1,577,674; Mar. 23.
Label cutter, Twin-. F. Luisa and J. Di Matteo. 1,577,918; Mar. 23.
Lace. M. H. Daudy. Des. 69,747; Mar. 23.
Lace. S. H. Page. Des. 69,768; Mar. 23.
Lace. B. C. Seligman. Des. 69,779–80; Mar. 23.
Lamp, Arc. A. P. Davis. 1,577,611; Mar. 23.
Lamp base. T. Chanock. Des. 69,738–9; Mar. 23.
Lamp base and ash receiver, Combined. M. Kornblum. Des. 69,761; Mar. 23.
Lamp holder for miners' caps. F. K. Tovey. 1,578,219; Mar. 23.
Lamp post, Bracket for a. T. Chanock. Des. 69,740; Mar. 23.
Lamp, Sanctuary. R. C. Norton. 1,578,087; Mar. 23.
Lamp stand, Floor-. I. Dichter. Des. 69,748–50; Mar. 23.
Lamp, telephone, and smoking stand, Combined. G. Rossi. Des. 69,774; Mar. 23.
Lantern, Display. T. M. Chan. 1,577,449; Mar. 23.
Latch and lock for doors, windows, and gates, Combination gravity. O. M. Fee. 1,578,113; Mar. 23.
Latch, Metal. F. Christopher. 1,578,075; Mar. 23.
Lens frame, Ophthalmic trial-. M. Poser. 1,577,808; Mar. 23.
Life-saving device. F. W. Liska. 1,577,475; Mar. 23.
Lighting fixture, Arm for. F. S. Crowell. Des. 69,746; Mar. 23.
Lighting fixture, Deck-lamp. E. J. Schroeder. 1,577,497; Mar. 23.
Lighting fixtures, Plate for. H. Abrams. Des. 69,728–9; Mar. 23.
Lighting fixtures, Ring for. R. C. Pfleager. Des. 69,769; Mar. 23.
Lighting fixtures, Spindle for. T. Chanock. Des. 69,741; Mar. 23.
Lignite and making the same, Block or briquette of. E. Fernholtz. 1,577,902; Mar. 23.
Lingerie fastener. E. Weinstein. 1,577,993; Mar. 23.
Linoleum or similar hard-surfaced covering. F. Cartwright. Des. 69,737; Mar. 23.
Liquid compositions, Apparatus for applying. A. W. Scoles. 1,578,178; Mar. 23.
Liquid-dispensing device. D. G. Tomkins. 1,577,505; Mar. 23.
Liquid-fuel burner. 1,577,622; Mar. 23.
Loading system. R. P. Greenleaf. 1,578,024; Mar. 23.
Lock: *See*—
Air-brake lock. Switch lock.
Nut lock.
Lock mechanism. H. N. Sledge. 1,578,211; Mar. 23.
Locks and the like, Interlocking system for door. J. W. Bryce. 1,578,007; Mar. 23.
Locker and display rack for oil in sealed containers. F. D. Gatchell. 1,577,962; Mar. 23.

Locomotives. Toothed gearing for turbine. F. Ljungström. 1,577,532; Mar. 23.
Loom, Automatic circular. L. Bruno. 1,577,516; Mar. 23.
Loom, Wire-weaving. J. J. Danner. 1,577,694; Mar. 23.
Loud-speaker casing. T. W. Kirkman. 1,577,580; Mar. 23.
Loud speaker for vehicles. H. Koch and F. H. N. Wohlers. 1,577,911; Mar. 23.
Lubricant cup. C. H. and P. J. Jorgensen. 1,577,643; Mar. 23.
Lubricant-supply magazine, Automatic. B. H. Skelly. 1,577,936; Mar. 23.
Lubricating device. A. Thornbrugh. 1,578,106; Mar. 23.
Luggage carrier. M. A. Kane. 1,578,136; Mar. 23.
Lumber-patching machine. J. Buffelen. 1,578,008; Mar. 23.
Magneto. F. W. Andrew. 1,577,437; Mar. 23.
Masonry and concrete wall and beam construction. J. J. O'Reilly. 1,578,088; Mar. 23.
Massaging, Mechanism for. B. S. Paschall. 1,577,751; Mar. 23.
Matches, toothpicks, straws, and the like, Holder for. N. R. Walker. 1,577,940; Mar. 23.
Mattress, Sanitary. C. Maggi. 1,577,832; Mar. 23.
Meat container. C. H. Peschke. 1,577,851; Mar. 23.
Mechanical movement. M. Goldberger. 1,577,710; Mar. 23.
Memos and the like, Automatic machine for ejecting. J. R. and D. S. Robertson. 1,577,592; Mar. 23.
Merchandise indicator and household-account device, Combined. S. R. Foot. 1,577,799; Mar. 23.
Mesh bag. S. G. Mandalian. 1,577,648; Mar. 23.
Metals, Purifying molten. H. G. Lapsley. 1,578,044; Mar. 23.
Meter: *See*—
Venturi meter.
Microorganisms, Killing. W. Ruppel. 1,577,659; Mar. 23.
Mittens and gloves, Ventilating device for. J. J. Hynes. 1,578,127; Mar. 23.
Mixer: *See*—
Concrete mixer.
Mold container. J. F. Hines. 1,577,718; Mar. 23.
Molding machine. H. Sonnenberg. 1,577,597; Mar. 23.
Molding machine, Block-. A. G. Suttill and F. Mazza. 1,578,103; Mar. 23.
Mop. U. P. Tarbox. 1,577,774; Mar. 23.
Motion-transmitting device. H. L. Hirschler. 1,577,579; Mar. 23.
Motor: *See*—
Electric motor. Outboard motor.
Electric magnetic motor. Wave motor.
Mouse and rat trap. S. Dewey. 1,578,080; Mar. 23.
Mucilage bottle. T. S. Houge. 1,577,465; Mar. 23.
Muffler. J. B. Templeton. 1,577,775; Mar. 23.
Nailing machine. H. W. Morgan. 1,577,841; Mar. 23.
Nails, Machine for making insulated. C. C. Blake. 1,578,185; Mar. 23.
Necktie. W. Coplan. 1,577,564; Mar. 23.
Nonset stop. F. H. Doerr. 1,577,453; Mar. 23.
Nonskid traction shoe. M. L. Cadieux. 1,578,071; Mar. 23.
Nozzle, Hydraulic jet-dispersal. O. A. Price. 1,578,092; Mar. 23.
Nut lock. I. C. Boutwell. 1,577,946; Mar. 23.
Nut lock. G. E. Monroe. 1,578,160–1; Mar. 23.
Oil burner. A. Bittner. 1,578,064; Mar. 23.
Oil burner. C. M. Stroud. 1,577,773; Mar. 23.
Oil can, Force-feed. G. W. Oakes. 1,577,929; Mar. 23.
Oil-sediment remover. W. W. Nugent. 1,577,653; Mar. 23.
Oils, Cracking hydrocarbon. E. W. Isom. 1,578,035; Mar. 23.
Oils, Improving. A. M. McAfee. 1,578,051; Mar. 23.
Oils with volatile catalysts, Distilling. A. M. McAfee. 1,578,049; Mar. 23.
Oiler, Animal. C. R. Stanton. 1,577,938; Mar. 23.
Organ, Portable. P. P. Bilhorn. 1,577,680; Mar. 23.
Ornaments, lettering, or the like on artificial stone, Production of. A. N. P. Jacobs. 1,577,972; Mar. 23.
Osmotic purification of saccharine juices, Electric. K. Wolf and E. Langstein. 1,577,669; Mar. 23.
Outboard motor. J. A. Mould. 1,577,865; Mar. 23.
Oven and conveying system therefor. A. G. J. Rapp. 1,577,589; Mar. 23.
Oven-supporting means, Vertical-chamber-. C. Otto. 1,577,487; Mar. 23.
Oxalate from the tree barks, Recovering. W. A. Fraymouth. 1,577,573; Mar. 23.
Padlock. C. Ledin. 1,577,977; Mar. 23.
Padlock. H. L. Tunison. 1,577,930; Mar. 23.
Paper-bag dispenser. W. H. Hunt. 1,577,641; Mar. 23.
Paper box and the like. S. Bergstein and W. C. Miller. 1,577,556; Mar. 23.
Paper clip or fastener. H. E. Butler. 1,577,949; Mar. 23.
Paper cone and making same. P. L. McCall. 1,577,979; Mar. 23.
Paper cones, Method of and apparatus for making. P. L. McCall. 1,577,978; Mar. 23.
Paper-making machine. A. Danninger. 1,577,897; Mar. 23.
Paper stock and the like, Process and apparatus for regulating. W. E. Beadle. 1,577,555; Mar. 23.
Paste-tube cap. E. C. Courney. 1,578,077; Mar. 23.
Paving and other purposes, Block and the like for road. J. S. Cowper. 1,577,520; Mar. 23.
Paving or flooring. E. Clark and D. T. Gilmartin, jr. 1,577,610; Mar. 23.
Paving plant, Portable. M. Madsen. 1,577,647; Mar. 23.
Pen, Fountain. H. J. Upton. 1,577,548; Mar. 23.
Pen, Fountain or reservoir. C. Livsey. 1,577,646; Mar. 23.
Pen, Switch-controlled illuminated fountain. F. Rauch. 1,577,754; Mar. 23.
Perforating device, Can-. D. P. Dalmas. 1,577,957; Mar. 23.
Photomechanical printing plates, Method and apparatus for making. L. Bassani. 1,577,442; Mar. 23.
Picker stick. E. McCraw. 1,578,054; Mar. 23.
Picture frame. A. Rosenblum. Des. 69,773; Mar. 23.
Picture-printing machine, Motion-. M. San. 1,577,986; Mar. 23.
Pipe: *See*—
Smoking pipe.
Pin. W. D. M. Simmons. Des. 69,782; Mar. 23.
Pins, Making conical. V. Retterath. 1,578,172; Mar. 23.
Pipe couplings and the like, Forming. W. N. Rieger. 1,577,591; Mar. 23.
Pipe cutter, Inside. G. F. Le Bus. 1,577,474; Mar. 23.
Pipe manufacturing, Equalized roller press for. J. H. MacGregor. 1,577,476; Mar. 23.
Pipes, Enameling. W. Lambert and A. A. Mead. 1,577,531; Mar. 23.
Pipes in connecter heads, Sleeve terminal for train. E. A. Robinson. 1,577,872; Mar. 23.
Piston for slush pumps. C. Lamb. 1,577,732; Mar. 23.
Planters, Attachment for corn. J. E. Shoff. 1,578,100; Mar. 23.
Plow, Reversible. H. J. Neufang. 1,578,084; Mar. 23.
Plug for uniting structural and machine parts. V. Retterath. 1,578,173; Mar. 23.
Pneumatic action. S. Battner. 1,578,182; Mar. 23.
Pole-making machine. D. B. Hanna. 1,577,907; Mar. 23.
Portfolio. J. D. Douglas. 1,577,697; Mar. 23.
Post puller. H. Armbruster. 1,577,489; Mar. 23.
Pot: *See*—
Dashpot.
Power-transmission device. W. T. Hanna. 1,577,462; Mar. 23.
Press: *See*—
Continous press. Hydraulic press.
Fruit press.
Pressure-controlling device. A. J. Kercher. 1,577,862; Mar. 23.
Pressure regulator. E. C. Walker. 1,577,625; Mar. 23.
Proctotherapy, Medical apparatus for use in. O. B. Schellberg. 1,577,876; Mar. 23.
Projectiles and other bodies, Handling. T. H. Webster. 1,577,627; Mar. 23.
Projecting apparatus. A. L. Kiser. 1,578,140; Mar. 23.
Propellers, Producing. R. Wishon. 1,577,996; Mar. 23.
Puller: *See*—
Post puller.
Pulveriser feeder with magnetic separator. J. E. Brown and C. R. Taylor. 1,578,006; Mar. 23.
Pump. F. Egli. 1,577,570; Mar. 23.
Pump. H. H. Taylor. 1,578,104; Mar. 23.
Pump and motor mounting. E. C. Leiman. 1,577,915; Mar. 23.
Pump attachment. B. C. Fowlie. 1,577,706; Mar. 23.
Pump, Centrifugal. H. E. La Bour. 1,578,236; Mar. 23.
Pump for combustion engine, Oil. G. J. Rathbun. 1,577,590; Mar. 23.
Pumping mechanism. I. B. Humphreys. 1,577,971; Mar. 23.
Rack: *See*—
Automobile trunk rack.
Radiator. S. Pachner. 1,578,205; Mar. 23.
Radiator cap. W. B. Hawthorne. Des. 69,756; Mar. 23.
Radiator protector. M. D. Campbell. 1,577,951; Mar. 23.
Radiators, Air control for vehicles. B. O. Edgerton. 1,577,690; Mar. 23.
Radioantenna. C. S. Bates. Des. 69,732; Mar. 23.
Radiocabinet. A. H. Haag. 1,578,246; Mar. 23.
Radio receiving apparatus. F. W. Dunmore. 1,577,618; Mar. 23.
Radio receiving sets, Combination fireplace and container for. F. W. Karge. 1,577,727; Mar. 23.
Radio resistor coupler unit. L. S. Brach. 1,577,448; Mar. 23.
Radio tuning device. A. C. Hayden. 1,577,714; Mar. 23.
Rail-joint spreader block. W. F. Price. 1,577,657; Mar. 23.
Railway-bridge signal. A. A. Matheson. 1,577,837; Mar. 23.
Railway-rail joint. G. W. Muller. 1,578,166; Mar. 23.
Railway-rail joint. M. T. Prillaman. 1,578,093; Mar. 23.
Railway tie plate. J. Kruttschnitt. 1,577,829–30; Mar. 23.
Recording instrument. B. Podolsky. 1,577,869; Mar. 23.
Rectifier, Rotary. W. J. Baker. 1,577,553; Mar. 23.
Reel: *See*—
Fishing reel.
Reel. L. G. Deseo and A. de Mendosa. 1,578,231; Mar. 23.
Reflector. J. G. Davis. 1,578,079; Mar. 23.

Refrigerator. M. H. Miller. 1,578,156; Mar. 23.
Refrigerator. J. Norberg. 1,577,848; Mar. 23.
Refrigerator display case, Butchers'. A. Eggleston. 1,577,523; Mar. 23.
Refrigerator support, Sanitary. W. J. Murphy. 1,577,842; Mar. 23.
Register: *See*—
Cash register.
Regulator: *See*—
Pressure regulator.
Residues from stills, Removing aluminum-chloride. A. M. McAfee. 1,578,053; Mar. 23.
Resistance element. W. Otto. 1,577,981; Mar. 23.
Rim, Demountable. W. L. Dulany. 1,577,455; Mar. 23.
Rim wheel, Demountable-. C. F. Rubsam. 1,577,985; Mar. 23.
Ring. F. A. Shimp. Des. 69,781; Mar. 23.
River-bank protection means. I. R. Kirk. 1,578,138; Mar. 23.
Roach trap. J. Adabie. 1,578,061; Mar. 23.
Roads, Dirt distributor and packer for. G. R. Calkins. 1,578,011; Mar. 23.
Rock drills, Steel retainer for. W. A. Smith. 1,577,596; Mar. 23.
Rod: *See*—
Extensible rod.
Rotary cutter. J. R. Gammeter. 1,577,619–20; Mar. 23.
Rotary pump mechanism, Facilitating the removal or disassembling of. M. E. Layne and S. N. Hall. 1,577,737; Mar. 23.
Rubber substance, Making. M. M. Haw. 1,578,121; Mar. 23.
Rudders, Power-operating means for. A. McNab. 1,577,919; Mar. 23.
Rug and carpet winding machine. O. and W. M. Brantley. 1,577,444; Mar. 23.
Ruling machine. F. Arnold. 1,577,998; Mar. 23.
Sack strap, Cotton-. J. H. Cooper. 1,577,562; Mar. 23.
Sacks, Closing filled paper. F. A. Kucera and C. F. Rubel. 1,577,471; Mar. 23.
Sacks, Machine for closing paper. F. A. Kucera and C. F. Rubel. 1,577,472; Mar. 23.
Safe-door construction. J. J. Mariotti. 1,577,836; Mar. 23.
Safe-protecting device. J. M. Fitzgerald. 1,578,115; Mar. 23.
Safety spindle counterbalance. D. C. Klausmeyer. 1,577,975; Mar. 23.
Saw-clamp guard. F. K. Finneman. 1,577,796; Mar. 23.
Scaffold. O. F. Mann. 1,577,835; Mar. 23.
Scaffold hoist. W. C. Ferris. 1,577,617; Mar. 23.
Scale, Roof-framing. F. F. Hibbard. 1,577,717; Mar. 23.
Scoop, Slip. P. M. Haskins. 1,577,577; Mar. 23.
Scraper. L. A. Sengele. 1,577,544; Mar. 23.
Scraper attachment for road scarifiers. W. T. Beatty. 1,577,677; Mar. 23.
Screed. G. F. Creaghan. 1,578,078; Mar. 23.
Screen: *See*—
Window screen.
Screen. C. R. Ryan. 1,578,095; Mar. 23.
Scrubbing machine. S. A. Wingert. 1,577,856; Mar. 23.
Searchlight, Inside-controlled vehicle. B. J. Grigsby. 1,578,025; Mar. 23.
Seat: *See*—
Valve seat.
Seat cover. O. M. Thomas and H. Fisher. 1,577,883; Mar. 23.
Sectional joint. E. W. Gallenkamp. 1,577,708; Mar. 23.
Semaphore, Traffic. A. E. English. 1,577,702; Mar. 23.
Sewing-article-supporting doll. I. H. E. Vogle. Des. 69,787; Mar. 23.
Sewing-machine attachment. F. L. Mark. 1,577,649; Mar. 23.
Sewing machine, Bead-. J. A. Groebli. 1,577,905; Mar. 23.
Sewing machines, Stay-cord guide for buttonhole-. E. B. Allen. 1,577,601; Mar. 23.
Shaft coupling. H. R. Geiger. 1,577,575; Mar. 23.
Sharpener, Razor-blade. D. Pace. 1,578,204; Mar. 23.
Shaving set. J. McEvoy. 1,577,479; Mar. 23.
Sheave blocks, Safety guard for. B. S. Minor. 1,577,804; Mar. 23.
Sheet material, Cutter for. J. R. Gammeter. 1,577,621; Mar. 23.
Sheeting, Brattice. C. D. Abraham. 1,577,890; Mar. 23.
Shingle, Split wood. J. C. Runkle. 1,577,935; Mar. 23.
Shipping container and display device. R. C. Dolle. 1,577,823; Mar. 23.
Shock absorber. C. B. Dale. 1,577,693; Mar. 23.
Shock absorber. R. H. Langdale. 1,577,734; Mar. 23.
Shoe upper. M. W. Fitzgerald. 1,578,195; Mar. 23.
Shoes and stockings, Protector for. R. Herrick. 1,577,716; Mar. 23.
Shoes, External arch support for. L. Rosenthal 1,577,593; Mar. 23.
Shoes, Making. J. F. O'Sell. 1,577,524; Mar. 23.
Shore. O. L. Wallace. 1,577,942; Mar. 23.
Side-tracking tool. E. F. Raymond. 1,577,810; Mar. 23.
Sieve cleaner. J. Mraz and J. Stedel. 1,578,153; Mar. 23.
Sign, Changeable. R. N. Chubb. 1,577,609; Mar. 23.
Signal: *See*—
Railway-bridge signal. Warning signal.
Signal. T. I. Temple. 1,577,819; Mar. 23.
Signal and license-plate holder for vehicles, Combined. J. E. Binns. 1,577,557; Mar. 23.
Signal transmitter. F. E. Detmers. 1,577,634; Mar. 23.
Signaling system, Carrier-. C. White. 1,577,778; Mar. 23.
Sleeve protector. W. Yerger. 1,577,630; Mar. 23.
Smoker's tray. A. J. Bennett. Des. 69,736; Mar. 23.
Smoking device. P. Rifkin. 1,578,171; Mar. 23.
Smoking pipe. W. Walker. 1,577,941; Mar. 23.
Snowplow. R. T. Chiles. 1,577,561; Mar. 23.
Soap from mineral oils, making organic-acid. E. M. Hughes. 1,577,723; Mar. 23.
Soap holder. B. L. Henry. 1,577,861; Mar. 23.
Soda fountains and the like, Collapsible lid for. T. D. Bibby. 1,577,679; Mar. 23.
Sorting and packing table, Fruit. F. Stebler. 1,577,662; Mar. 23.
Sound box of sound-reproducing machine. F. M. Winter. 1,577,858; Mar. 23.
Sound record and making the same. J. W. Owen and A. Hewitt. 1,577,931; Mar. 23.
Sound-translating device. F. P. Mansbendel. 1,577,920; Mar. 23.
Spark plug. M. Evans. 1,577,900; Mar. 23.
Speed amplifier, Quick-release. A. G. Spinney. 1,577,498; Mar. 23.
Speed-regulating mechanism. H. C. Ford. 1,577,618; Mar. 23.
Speed warning and indicating device. E. H. Haney. 1,578,082; Mar. 23.
Spinning machines, Spindle drive for. J. C. Potter. 1,577,870; Mar. 23.
Splint, Surgical. J. R. Atkinson. 1,577,782; Mar. 23.
Spoke, Wire. H. J. Cook. 1,578,076; Mar. 23.
Spoke, Wire. E. W. Stoler. 1,578,215; Mar. 23.
Spool, Yarn-winding. R. Ashmead and J. Collins. 1,577,671; Mar. 23.
Spoon holder. A. A. Mierow. Des. 69,765; Mar. 23.
Spoon or similar article. E. T. Beck. Des. 69,733–4; Mar. 23.
Spraying device. J. E. Jacobson. 1,578,129; Mar. 23.
Spring: *See*—
Automobile spring.
Spring frogs, Holddown for. C. G. Almquist. 1,577,672; Mar. 23.
Spring jack. L. C. Denslow. 1,577,568; Mar. 23.
Sprinkler: *See*—
Water sprinkler.
Stabilizing device. W. P. Campbell. 1,577,821; Mar. 23.
Stair coverings, Displaying. E. B. Williamson. 1,578,226; Mar. 23.
Stand: *See*—
Display stand.
Steam generator. V. Andrioli. 1,577,438; Mar. 23.
Steering wheel, Electrically-heated. T. M. Hamilton. 1,577,576; Mar. 23.
Steering wheel, Electrically-heated. W. D. Schwenk. 1,577,987; Mar. 23.
Still, Air-cooled. E. C. Ballman. 1,577,675; Mar. 23.
Stoker, Mechanical. C. S. Davy and A. Spyer. 1,578,016; Mar. 23.
Storage-battery jar. J. L. Lange. 1,577,912; Mar. 23.
Stove. W. F. Allen. Des. 69,731; Mar. 23.
Stove and cabinet, Combined gas. M. L. Packer. Des. 69,767; Mar. 23.
Stove, Gas. A. E. Moores. 1,577,651; Mar. 23.
Stoves and the like, Oil burner for cook. P. J. Snowden. 1,577,815; Mar. 23.
Stoves, Water-heating attachment for oil and gas. O. Petermann. 1,577,849; Mar. 23.
Strainer and filter, Milk. H. Hansen. 1,557,746; Mar. 23.
Strap: *See*—
Sack strap.
Studding. C. Collins. 1,577,633; Mar. 23.
Suction cleaner. H. S. Demaree. 1,577,696; Mar. 23.
Sugar recovery, Increasing. R. Vachier. 1,578,220; Mar. 23.
Supporting device. T. F. Tyler. 1,578,110; Mar. 23.
Surgical instrument. L. Schaeffer. Des. 69,775; Mar. 23.
Surgical knife. A. A. S. Stuart. 1,577,880; Mar. 23.
Suspension spring. J. A. Eberle. 1,577,698; Mar. 23.
Switch. L. B. Williams. 1,577,857; Mar. 23.
Switch lock, Combination electric. M. C. Levinson. 1,577,803; Mar. 23.
Table: *See*—
Chiropractic table. Extension table.
Talking-machine cabinet. C. Bremken. 1,577,445; Mar. 23.
Tank: *See*—
Vacuum tank.
Tank. J. M. Kelley. 1,577,974; Mar. 23.
Target, Optometrical test. C. G. Stevens. 1,577,879; Mar. 23.
Tea caddy. M. H. Connor. Des. 69,745; Mar. 23.
Telephone exchange system. W. G. Blauvelt. 1,577,513; Mar. 23.
Telephone lines, Acoustic shock absorber for. W. H. T. Holden. 1,577,720; Mar. 23.
Telephone mouthpieces, Sanitary cover for. G. B. Mullen. 1,578,165; Mar. 23.
Telephone receiver. P. G. Andres. 1,577,603; Mar. 23.
Telephone system. A. H. Dyson. 1,578,038; Mar. 23.
Telephone systems, Release for automatic. A. E. Keith. 1,578,017; Mar. 23.

Temperature regulator or thermostat. R. B. Richardson. 1,578,208; Mar. 23.
Temperatures, Device for regulating. W. E. Ernst. 1,578,112; Mar. 23.
Textile fabric. F. M. Kaufman. Des. 69,759; Mar. 23.
Thermoelectric unit. S. Ruben. 1,577,874; Mar. 23.
Thioureas of symmetric constitution, Manufacturing aromatically-disubstituted. W. Flemming. 1,577,797; Mar. 23.
Thread-cutting temple, Intermittent. A. E. Rhoades. 1,577,984; Mar. 23.
Threshold closure, Acoustic. M. C. Rosenblatt. 1,577,542; Mar. 23.
Tile blanks, Press for forming. J. A. Lannert. 1,578,198; Mar. 23.
Tile cutter. G. F. Johnston. 1,577,973; Mar. 23.
Tire. H. F. Schippel. Des. 69,776–7; Mar. 23.
Tire and rim. W. H. Paull. 1,578,090; Mar. 23.
Tire-band-expanding machines. H. P. Murray. 1,577,928; Mar. 23.
Tire carrier, Automobile. F. J. G. Duck and R. Bentley. 1,577,792; Mar. 23.
Tire casings, Apparatus for making. J. D. Tew. 1,577,664; Mar. 23.
Tire casings, Mold for curing. O. E. Swanson. 1,577,881; Mar. 23.
Tire, Resilient. H. D. Reichard. Des. 69,771; Mar. 23.
Tire tread. H. D. Reichard. Des. 69,770; Mar. 23.
Tires, Method and apparatus for manufacture of cushion. H. Willshaw. 1,577,886; Mar. 23.
Tobacco denicotinization. H. W. Smith. 1,577,768; Mar. 23.
Toilet, Portable. N. B. Smith. 1,577,595; Mar. 23.
Tool. C. E. Harris. 1,578,120; Mar. 23.
Tool holder. F. G. Jeffries and F. A. Lavedan. 1,577,467; Mar. 23.
Tool-operating device, Power-driven. J. S. Knowlson and R. S. McKeage. 1,577,976; Mar. 23.
Tooth and key, Artificial. M. M. Rafkin. 1,577,753; Mar. 23.
Toothbrush, Rubber. J. Chandler. 1,578,074; Mar. 23.
Towline. M. L. Tippit. 1,578,107; Mar. 23.
Towers, Grillage connection for. D. T. Alexander. 1,577,436; Mar. 23.
Toy. J. J. Wolseley. 1,578,227; Mar. 23.
Toy barn. J. Whiteley. Des. 69,788; Mar. 23.
Toy, Illuminated. F. P. Chandler. 1,577,517; Mar. 23.
Toy power drive. C. E. Florkey. 1,577,798; Mar. 23.
Toy power drive. C. E. Florkey. 1,578,022; Mar. 23.
Toy, Rolling. S. M. Alk. 1,577,997; Mar. 23.
Toy scale. J. Kaplan. 1,578,187; Mar. 23.
Tractor. R. E. White. 1,577,779; Mar. 23.
Tractor and road vehicle, Combined. D. T. Phillips. 1,577,588; Mar. 23.
Tractor trailer. O. H. Hesse. 1,577,463; Mar. 23.
Tractors, Hoisting attachment for. W. F. Baker. 1,577,783; Mar. 23.
Trailing coupling, Permanent. A. L. Cole. 1,577,788; Mar. 23.
Trap: *See*—
Mouse and rat trap. Roach trap.
Trap drum for animal traps. I. W. Hills. 1,578,196; Mar. 23.
Tray-loading mechanism. W. G. Kirchhoff. 1,577,469; Mar. 23.
Tree trunk, Artificial. E. L. Root. 1,577,873; Mar. 23.
Trench-digging machine. C. West. 1,577,994; Mar. 23.
Trench supporting. J. P. Carroll. 1,578,230; Mar. 23.
Trimmer feeder. C. A. Juengst. 1,577,644; Mar. 23.
Trimming machine for rubber goods. H. E. Wills. 1,577,508; Mar. 23.
Trolley, Chain. F. M. Fish. 1,577,458; Mar. 23.
Trolley-pole safety device. F. P. Myer. 1,578,059; Mar. 23.
Truck, Adjustable elevating platform. L. Sieber. 1,577,989; Mar. 23.
Truck apparatus, Fire-. J. B. Blaw. 1,577,607; Mar. 23.
Truck, Chicken-carrier. B. R. Holloway. 1,577,639; Mar. 23.
Truck, Hand. J. Chvojka. 1,577,954; Mar. 23.
Truck, Industrial. W. C. Carr. 1,577,894; Mar. 23.
Trunk. J. C. Grider. 1,577,745; Mar. 23.
Truss, Surgical. G. Fowler. 1,577,455; Mar. 23.
Tube frame. B. F. McGuiness. 1,577,750; Mar. 23.
Tubes to walls, Joining. L. M. Ellis and F. H. Leslie. 1,578,019; Mar. 23.
Tubular lengths, Machine for fastening. F. H. Anson, jr. 1,577,889; Mar. 23.
Tunneling machine. W. C. Jameson. 1,577,528; Mar. 23.
Turbine, Hydraulic. H. B. Taylor. 1,577,882; Mar. 23.
Turning and boring tool. W. Carnegie. 1,577,952; Mar. 23.
Tweezers or similar article. M. Schnefel. Des. 69,778; Mar. 23.
Typewriting machine. G. W. Campbell. 1,577,893; Mar. 23.
Utensil handle. G. H. Koehler. 1,577,470; Mar. 23.
Vacuum tank. C. S. Nelson. 1,577,843–4; Mar. 23.
Valve accelerating device, Dry-pipe. E. Tyden. 1,577,776; Mar. 23.
Valve, Automatic expansion. J. L. Shrode. 1,578,179; Mar. 23.
Valve, Automatic regrinding. I. B. Gilbert. 1,577,964; Mar. 23.
Valve cock, Gas-. N. I. Trudell. 1,578,109; Mar. 23.
Valve, Compound meter. E. M. Krueger. 1,577,731; Mar. 23.
Valve, Drifting and relief. H. F. Ripken. 1,577,758; Mar. 23.
Valve, Electromagnetic. E. T. Vincent. 1,577,599; Mar. 23.
Valve, Float. C. B. Johnson. 1,578,130; Mar. 23.
Valve for hot-water heaters, Safety. H. H. Logan. 1,578,046; Mar. 23.
Valves, Air-brake release. P. B. Rohner. 1,577,494; Mar. 23.
Valve mechanism, Flush-tank. J. S. Katzin. 1,577,728; Mar. 23.
Valve seat, Removable. O. C. Larson. 1,577,913; Mar. 23.
Valve, Super. R. and A. Devos. 1,578,191; Mar. 23.
Valve-truing tool. E. Laparle. 1,577,735; Mar. 23.
Vanity case. D. Sweeney. Des. 69,783; Mar. 23.
Vaporizer. J. A. MacLean. 1,577,838; Mar. 23.
Vaporizer and separator. E. R. Fleming. 1,577,704; Mar. 23.
Vapors, Apparatus for handling. G. S. Witham, jr. 1,577,590; Mar. 23.
Vegetable produce, Storage of. J. M. Thompson. 1,578,218; Mar. 23.
Vehicle bodies, Step for. J. W. Heiney. 1,578,029; Mar. 23.
Vehicle bumper. W. R. McGowen. 1,578,055; Mar. 23.
Vehicle chassis. J. C. Haggart, jr. 1,578,026; Mar. 23.
Vehicle, Child's two-wheel. J. S. Lockwood. 1,578,149; Mar. 23.
Vehicle construction, Cushion connection for. A. H. Leipert. 1,578,145; Mar. 23.
Vehicle construction, Cushion connection for. F. L. Lipcot. 1,578,147; Mar. 23.
Vehicle, Electrically-driven. M. E. Thomas. 1,577,504; Mar. 23.
Vehicle jack. G. A. Countryman. 1,578,014; Mar. 23.
Vehicle, Motor. W. P. Budd. 1,577,559; Mar. 23.
Vehicle, Motor. A. Moorhouse. 1,577,650; Mar. 23.
Vehicle spring cover. A. R. Goldrick. 1,577,623; Mar. 23.
Vehicle, Traction. L. Y. Spear. 1,577,546; Mar. 23.
Vehicle wheel, Cast-metal. T. R. Davis. 1,578,238–9; Mar. 23.
Vehicles, Cushioned support for the bodies of. A. F. Masury. 1,578,152; Mar. 23.
Vehicles, Luggage carrier for. J. A. and A. H. Cvrcek. 1,577,896; Mar. 23.
Vehicles, Sanding device for motor. L. H. Petrus. 1,578,206; Mar. 23.
Vehicles, Signaling apparatus for motor. D. Baughman. 1,577,676; Mar. 23.
Vehicles, Signaling device for motor. J. A. Fox. 1,577,707; Mar. 23.
Vehicles, Stabilizer for motor. P. Bakken. 1,577,441; Mar. 23.
Veneer joiner. C. A. Forsberg. 1,577,960; Mar. 23.
Vent guard. J. A. High. 1,577,464; Mar. 23.
Ventilator: *See*—
Kitchen ventilator.
Venturi meter, Recording. W. Kath. 1,577,909; Mar. 23.
Vibrator, Massage. J. H. Matchett. 1,577,924; Mar. 23.
Violin piano. J. C. Strawn. 1,577,501; Mar. 23.
Vise, Milling. J. F. Keyes. 1,578,197; Mar. 23.
Wagon body and gate, Adjustable. H. E. Warmoth. 1,577,992; Mar. 23.
Wall covering and making the same. J. H. Stedman. 1,577,499; Mar. 23.
Wall, Retaining. W. J. Watson. 1,577,885; Mar. 23.
Walls separating two gaseous or liquid fluids under pressure, Joint between. T. V. Hemmingsen. 1,577,968; Mar. 23.
Warning signal. A. H. Reiber. 1,578,170; Mar. 23.
Warp stop motion. A. A. Gordon. 1,577,711; Mar. 23.
Washer: *See*—
Blackboard washer
Washing machine. E. E. Wilcken. 1,577,730; Mar. 23.
Washing machines, Eccentric driving mechanism for power. C. A. Olson. 1,577,930; Mar. 23.
Washing solutions, Apparatus for separating trash from. C. A. Miller. 1,577,584; Mar. 23.
Water and vent box. H. Edelman. 1,578,194; Mar. 23.
Water heater. A. J. Kercher. 1,577,863; Mar. 23.
Water sprinkler. W. C. Todd and J. W. Pomeroy. 1,577,820; Mar. 23.
Wave motor. H. Hansen. 1,577,966; Mar. 23.
Wax from lubricating oil, Separating. E. Petty. 1,577,852; Mar. 23.
Web-drying device. A. E. F. Moone. 1,577,839; Mar. 23.
Weeder. J. E. Jacobson. 1,578,128; Mar. 23.
Weeder. F. W. Morse. 1,577,927; Mar. 23.
Weighing device, Cotton-bale-. B. H. Crawford and G. Mobbs. 1,577,956; Mar. 23.
Weighing machine or scale, Coin-controlled. F. R. Anderson. 1,577,673; Mar. 23.
Weighing scale, Price-computing. H. A. Spanner. 1,578,214; Mar. 23.
Welding, Electrode for electric-arc. E. A. E. Törnblom. 1,577,506; Mar. 23.
Welding machine. C. L. Stancliff. 1,577,818; Mar. 23.

Well casings, Combined section coupling and standing-valve-attaching means for oil. J. J. Butler. 1,577,950; Mar. 23.
Wells, Pumping deep. C. B. Farris. 1,577,616; Mar. 23.
Wheel: *See*—
Disk wheel. Steering wheel.
Rim wheel. Vehicle wheel.
Wheel. W. I. Rodgers, jr. 1,578,175; Mar. 23.
Wheel rim, Demountable. A. F. Parker, E. H. Hewitt, and S. E. Watkins. 1,578,089; Mar. 23.
Wheel structure. G. Matz. 1,578,200; Mar. 23.
Wheelbarrow. I. R. Smith. 1,578,213; Mar. 23.
Winding machines, Drive mechanism for. J. F. Schimek. 1,577,763; Mar. 23.
Winding machines, Yarn-treating mechanism for. J. A. Johnson. 1,578,241–2; Mar. 23.
Windshield cleaner. E. W. Stewart. 1,577,500; Mar. 23.
Windshield, Motor-vehicle. W. H. Hoyt, and S. B. Mann. 1,577,527; Mar. 23.
Window screen. A. A. Gassinger. 1,577,574; Mar. 23.
Window shade and curtain support. M. Bablarz. 1,578,000; Mar. 23.
Windows, Draft deflector for. J. B. Lamont. 1,577,733; Mar. 23.
Wire-shaping machine. G. W. and G. M. Lange. 1,578,141; Mar. 23.
Wood veneer, Drying and handling. A. Elmendorf. 1,578,020; Mar. 23.
Woodworking machine. O. G. Edmond. 1,577,701; Mar. 23.
Work-centering device. A. A. Muehleib. 1,578,163; Mar. 23.
Wrench. J. S. Conway. 1,577,789; Mar. 23.
Wrench. A. Neal. 1,577,805; Mar. 23.
Wrench set. T. A. Bemus, E. F. Bickford, and F. T. Coffin. 1,578,065; Mar. 23.
Wrenches, Auxiliary handle for. T. J. Fegley. 1,578,114; Mar. 23.

CLASSIFICATION OF PATENTS

ISSUED MARCH 23, 1926.

NOTE.—First number—class, second number—subclass, third number—patent number.

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	128: 1,578,018	219—	8: 1,577,489		1,578,079		72: 1,577,905		33.14: 1,578,107		95: 1,578,228
	140: 1,577,847		1,577,505		60: 1,578,219	256—	39: 1,578,217		33.55: 1,577,788		1,578,229
201—	48: 1,577,458		10: 1,578,019		61: 1,578,025	257—	21: 1,578,156		52: 1,578,213		104: 1,578,076
	66: 1,577,981		19: 1,577,576		78: 1,577,497		43: 1,578,002		87.5: 1,578,149		1,578,215
203—	4: 1,577,726		1,577,967		100: 1,577,777		1,578,081		89: 1,577,821	302—	61: 1,577,799
	5: 1,577,575	220—	4: 1,577,823		148: 1,578,124		1,578,082		91: 1,577,559	303—	57: 1,577,434
204—	1: 1,577,642		9: 1,577,679	242—	55: 1,577,444		1,578,057		93: 1,577,822		80: 1,577,494
	1,577,660		20: 1,577,989		1,577,763		1,578,058		96: 1,577,650		85: R. 16,295
	1,577,669		43: 1,578,144		74: 1,577,671	127:	1,578,205		100.5: 1,578,152		89: 1,577,555
	5: 1,577,998		67: 1,577,974		1,578,231	132:	1,577,699		166: 1,578,029	304—	18: 1,577,617
	32: 1,577,747		82: 1,577,682		84.5: 1,577,812		1,577,951	281—	6: 1,577,631		29: 1,577,835
206—	1: 1,577,958		1,577,683		121: 1,577,866	259—	56: 1,578,142	283—	66: 1,577,799	305—	7: 1,578,200
	8: 1,577,823	221—	45: 1,577,505		122: 1,577,979		72: 1,578,067	285—	22: 1,577,950	308—	128: 1,578,106
	23: 1,577,940		47: 1,577,929		130: 1,577,451		132: 1,577,615		1,577,968		180: 1,577,490
	29: 1,578,119		47.3: 1,577,986		150: 1,577,656	260—	122: 1,577,573		24: 1,577,872		189: 1,578,237
	37: 1,578,159		60: 1,578,077	243—	16: 1,578,155		125: 1,577,797		93: 1,577,760		218: 1,577,705
	44: 1,577,507		80: 1,577,695	244—	3: 1,577,756	159:	1,578,235	287—	53: 1,577,708		1,577,706
	1,577,556		144: 1,577,636		6: 1,578,069	261—	70: 1,577,802	291—	28: 1,578,206		1,577,787

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ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Abraham & Straus, Inc., New York, N. Y. Hosiery. 211,061; Mar. 30.

Acme White Lead and Color Works. (See Briggs, John, & Co., assignor.)

Actien-Gesellschaft fur Anilin-Fabrikation, Berlin, Germany. Fluxes for soldering metals. 211,001; Mar. 30; Serial No. 223,676; published Jan. 5, 1926.

Aktiengesellschaft Chocolat Tobler, Bern, Switzerland. Chocolate and cocoa. 211,015; Mar. 30; Serial No. 217,845; published Jan. 12, 1926.

Aktiengesellschaft Chocolat Tobler, Bern, Switzerland. Chocolate and cocoa. 211,029; Mar. 30; Serial No. 217,846; published Jan. 12, 1926.

Allen, Gussie J., Oakland, Calif. Abdominal bands, aprons, baby buntings, bands, bibs, etc. 211,035; Mar. 30; Serial No. 204,848; published Jan. 5, 1926.

Aluminum Company of America, Pittsburgh, Pa. Chemical composition for use in the purification of water. 211,041; Mar. 30; Serial No. 224,316; published Jan. 12, 1926.

American Caramel Company, York, Pa. Candy. 210,947; Mar. 30; Serial No. 223,014; published Jan. 12, 1926.

American Cereal Company, The, Akron, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa; assignor to The Quaker Oats Company, Chicago, Ill. Breakfast food, rolled oats, and oatmeal. 52,765; renewed May 15, 1926.

American Cereal Company, The, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa, assignor to The Quaker Oats Company, Chicago, Ill. Cereal foods made from oats. 53,907–10; renewed June 12, 1926.

American Cereal Company, The, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa, assignor to The Quaker Oats Company, Chicago, Ill. Cereal foods made from oats. 54,155; renewed June 19, 1926.

American Cereal Company, The, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa, assignor to The Quaker Oats Company, Chicago, Ill. Cereal foods made from oats. 54,401; renewed June 26, 1926.

American Cereal Company, The, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa, assignor to The Quaker Oats Company, Chicago, Ill. Cereal foods. 54,541; renewed June 26, 1926.

American Cereal Company, The, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa, assignor to The Quaker Oats Company, Chicago, Ill. Cereal foods. 54,568; renewed June 26, 1926.

American Cereal Company, The, Akron and Ravenna, Ohio; Chicago, Ill.; and Cedar Rapids, Iowa, assignor to The Quaker Oats Company, Chicago, Ill. Flours and meals. 54,635; renewed June 26, 1926.

American Cigar Company, New York; American Cigar Company, Jersey City, N. J., and New York, N. Y. Cigars. 52,314; renewed May 8, 1926.

American Hard Rubber Co., New York; American Hard Rubber Company, Hempstead and New York, N. Y. Soft-rubber, bulb, and fountain syringes. 54,262; renewed June 26, 1926.

American Hard Rubber Co., New York; American Hard Rubber, Hempstead and New York, N. Y. Hard-rubber syringes. 54,350; renewed June 26, 1926.

American Trading Company. (See Scott Paper Co., assignor.)

American Turpentine Company, The, doing business as North American Fibre Products Company, Cleveland, Ohio. Liquid chemical compound for scale preventing and removing compound from boilers. 211,031; Mar. 30; Serial No. 206,145; published Jan. 12, 1926.

American Varnish Co., Chicago, Ill. Varnishes. 49,961; renewed Feb. 27, 1926.

Anderson, Claus, doing business as Anderson & Company, Chicago, Ill. Roasted coffee. 211,024; Mar. 30; Serial No. 205,897; published Jan. 12, 1926.

Andresen, Alfred, & Co., Minneapolis, Minn., assignor to Alfred Andresen Drug & Chemical Co., Mound, Minn. Leather dressing. 54,092; renewed June 19, 1926.

Andrews, Clarence C., assignor to Andrews and Spellman Company, Providence, R. I. Salt. 28,225; renewed May 5, 1926.

Antigo Canning Company, Antigo, Wis. Canned beans, corn, and peas. 210,985; Mar. 30; Serial No. 220,271; published Jan. 12, 1926.

Arcadia Citrus Growers Association, Arcadia, Fla. Oranges, grapefruit, and tangerines. 210,986; Mar. 30; Serial No. 220,104; published Jan. 12, 1926.

Arcadia Citrus Growers Association, Arcadia, Fla. Oranges, grapefruit, and tangerines. 210,989; Mar. 30; Serial No. 219,930; published Jan. 12, 1926.

Arena, A., & Co., Los Angeles, Calif. Fresh lettuce and chicory. 211,017; Mar. 30; Serial No. 211,778; published Jan. 12, 1926.

Associated Merchandising Corporation, New York, N. Y. Men's hosiery. 210,981; Mar. 30; Serial No. 223,592; published Jan. 12, 1926.

Associated Merchandising Corporation, New York, N. Y. Bed sheets and pillowcases. 211,004; Mar. 30; Serial No. 223,616; published Jan. 12, 1926.

Automatic Cone Co. (See Denaro, James.)

Bakelite Corporation, New York, N. Y. Handles and ferrules of canes, umbrellas, and parasols. 211,043; Mar. 30; Serial No. 222,156; published Feb. 2, 1926.

Bauerle, Philip, jr., New York, N. Y. Pads for athletic purposes. 211,049; Mar. 30.

Baxter Paper Corporation, New York, N. Y. Textile wrapping paper. 211,050; Mar. 30.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 210,939; Mar. 30; Serial No. 223,762; published Jan. 12, 1926.

Belmont Distillery Co., Louisville, Ky. Whisky. 48,677; renewed Jan. 9, 1926.

Berg, Charles F., Portland, Oreg. Hosiery. 211,008; Mar. 30; Serial No. 223,458; published Jan. 5, 1926.

Best, John H., to John H. Best & Sons, Galva, Ill., successor. Display racks. 53,161; renewed May 29, 1926.

Bliss Syrup Refining Co., Kansas City, Mo. Jams, jellies, table sirups, and honey, and fruit preserves. 210,935; Mar. 30; Serial No. 219,322; published Jan. 5, 1926.

Blosser, Doctor, Company, to The Blosser Company, Atlanta, Ga., successor. Medical preparations. 54,056; renewed June 19, 1926.

Blud Life Company, Inc., Atlanta, Ga. Medicine. 210,926; Mar. 30; Serial No. 221,942; published Dec. 29, 1925.

Bogart Paper Company. (See Mazer, Joseph M.)

Bonheur Company, The. (See Waite, Merton E., assignor.)

Brewster, F. W., Bakersfield, Calif. Fresh grapes. 210,903; Mar. 30; Serial No. 222,557; published Jan. 12, 1926.

Briggs, John, & Co., Boston, Mass., assignor to Acme White Lead and Color Works, Detroit, Mich. Bronze-green paints. 51,276; renewed Apr. 10, 1926.

Brown, John S., & Sons, to John S. Brown & Sons, Limited, Belfast, Ireland, and New York, N. Y., successor. Linen goods. 26,893; renewed Aug. 6, 1925.

Bruna, A., Sons & Co., Inc., Brooklyn, N. Y. Overalls and work pants. 211,000; Mar. 30; Serial No. 223,683; published Jan. 5, 1926.

Brunswig Drug Company, Los Angeles, Calif. Antiseptic cones, antiseptic powder, beef, iron, and wine, etc. 211,082; Mar. 30; Serial No. 197,928; published Dec. 22, 1925.

Buckfield Plantation. (See Kress, Claude W.)

Calumet Baking Powder Co., Chicago, Ill. Acid material. 210,951; Mar. 30; Serial No. 223,212; published Jan. 12, 1926.

Carver File Company; The Carver File Company, doing business as Delta File Works, Philadelphia, Pa. Files. 49,706; renewed Feb. 13, 1926.

Carver File Company; The Carver File Company, doing business as Delta File Works, Philadelphia, Pa. Files and rasps. 50,089; renewed Mar. 6, 1926.

Carver File Company; The Carver File Company, doing business as Delta File Works, Philadelphia, Pa. Files and rasps. 50,538; renewed Mar. 20, 1926.

Carver File Company; The Carver File Company, doing business as Delta File Works, Philadelphia, Pa. Files and rasps. 54,129; renewed June 19, 1926.

Cater-Go Chem. Co. (See Schlereth, William.)

Chicago Mail Order Company, Chicago, Ill. Dresses, skirts, waists, aprons, hats, etc. 210,931; Mar. 30; Serial No. 221,878; published Jan. 5, 1926.

Christopher, Lasonia S., Fairchance, Pa. Picks. 211,069; Mar. 30.

Cleveland Twist Drill Company, The, Cleveland, Ohio. Mills. 56,540; renewed June 5, 1926.

Cleveland Twist Drill Company, The, Cleveland, Ohio. Tools and tool holders. 53,720; renewed June 12, 1926.

Clincher Automobile Tire Manufacturers Association, The, Akron; The Tire and Rim Association of America, Incorporated, Cleveland, Ohio. Metallic rims for vehicle wheels. 52,293; renewed May 8, 1926.

Collette Manufacturing Co., Amsterdam, N. Y. Paper clips. 211,058; Mar. 30.

Columbus Shirt Company, Chicago, Ill. Dress shirts and negligee shirts. 55,127; renewed Aug. 7, 1926.

Coro Coffee Company. (See Guyol, Frank J.)

Crescent Forge & Shovel Co., Havana, Ill. Plowshares. 211,047; Mar. 30.

Damianakes, Nicholas P., doing business as California Peanut Co., Oakland, Calif. Sugar-coated peanuts. 210,990; Mar. 30; Serial No. 219,530; published Jan. 12, 1926.

Decker & Son; Decker & Son, Inc., New York, N. Y., successor. Pianos. 52,974; renewed May 22, 1926.

Delta File Works. (See Carver File Company.)

Denaro, James, doing business as Automatic Cone Co., Cambridge, Mass. Edible pastry containers for ice cream, sherbert, marshmallow, etc. 210,925; Mar. 30; Serial No. 221,000; published Dec. 15, 1925.

Eckstein, Joseph, Inc., New York, N. Y. Ladies', misses', and children's suits. 210,905; Mar. 30; Serial No. 221,728; published Jan. 12, 1926.

Elgin National Watch Company, Elgin and Chicago, Ill. Watches. 50,966; renewed Apr. 3, 1926.

Elks, R. E., jr., Goldsboro, N. C. File salve. 211,028; Mar. 30; Serial No. 218,108; published Jan. 5, 1926.

Elms & Sellon, Inc., New York, N. Y. Cotton piece goods. 211,012; Mar. 30; Serial No. 223,377; published Jan. 12, 1926.

Ernstberger, H., & Co., New York, N. Y. Artificial-silk, cotton, etc., fabrics. 211,002–3; Mar. 30; Serial Nos. 223,627–8; published Jan. 12, 1926.

Fahrney, Dr. Peter, & Sons Co., Chicago, Ill. Preparation for acute, relaxed, and disturbed conditions of the stomach and bowels. 210,998–8; Mar. 30; Serial Nos. 218–904–9; published Jan. 5, 1926.

Fahrney, Dr. Peter, & Sons Co., Chicago, Ill. Preparation for acute, relaxed, and disturbed conditions of the stomach and bowels. 210,999; Mar. 30; Serial No. 218,902; published Jan. 5, 1926.

Fahrney, Dr. Peter, & Sons Co., Chicago, Ill. Preparation for acute, relaxed, and disturbed conditions of the stomach. 211,021; Mar. 30; Serial No. 218,903; published Jan. 5, 1926.

Farrah, John, & Harrogate Toffee, Limited, Harrogate, England. Toffee, ginger nuts, and chocolate. 210,991; Mar. 30; Serial No. 219,067; published Jan. 12, 1926.

Farrah, John, & Harrogate Toffee, Limited, Harrogate, England. Toffee. 210,992; Mar. 30; Serial No. 219,068; published Jan. 12, 1926.

Fillmore Citrus Association, Fillmore, Calif. Oranges, lemons, grapefruit. 210,979; Mar. 30; Serial No. 224,007; published Jan. 12, 1926.

Fillmore Citrus Association, Fillmore, Calif. Oranges, lemons, and grapefruit. 210,982; Mar. 30; Serial No. 224,006; published Jan. 12, 1926.

Fleming-Wilson Mercantile Co., Topeka, Kans. Canned salmon, peas, etc., evaporated fruits, corn meal, potted meat, etc. 211,063; Mar. 30.

Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 211,020; Mar. 30; Serial No. 196,382; published Jan. 12, 1926.

Franklin Simon & Co. (See Société Worth, assignor.)

Freshie Co. Inc., The, New York, N. Y. Cold-cream-impregnated tissue. 210,969; Mar. 30; Serial No. 222,606; published Jan. 5, 1926.

Galef, Jacques L., New York, N. Y. Revolvers and parts thereof. 211,070; Mar. 30.

Garcia & Maggini Co., San Francisco, Calif. Green and dried fruits, fresh vegetables, oranges, etc. 211,034; Mar. 30; Serial No. 199,748; published Jan. 12, 1926.

Gavitt, W. W., Medical Co., assignor to The Gavitt Loan & Investment Co., Topeka, Kans. Medicine. 51,253; renewed Apr. 10, 1926.

Gebauer, Max, assignor, by mesne assignments, to L. B. Mollica, New York, N. Y. Remedies. 52,418; renewed May 8, 1926.

Geneva Chemical Corporation, New York, N. Y. Medicated chewing gum. 210,955; Mar. 30; Serial No. 223,295; published Jan. 12, 1926.

Gillett Canning Company, Gillett, Wis. Canned peas and beans. 210,978; Mar. 30; Serial No. 224,013; published Jan. 12, 1926.

Glaser Bros., San Francisco, Calif. Bar candies. 211,016; Mar. 30; Serial No. 212,247; published Jan. 12, 1926.

Gold Medal Malt Co. (See Siegel, Louis.)

Goldknopf, Abraham, New York, N. Y. Electuary candy. 210,965; Mar. 30; Serial No. 222,452; published Jan. 5, 1926.

Goldstein, George, doing business as Standard Food Products Co. and also as Sterling Supply Company, Brooklyn, N. Y. Malt sirup. 210,966; Mar. 30; Serial No. 221,416; published Jan. 5, 1926.

Good Housekeeping Co.; International Magazine Company, Inc., New York, N. Y. successors. Periodicals. 46,028; renewed Sept. 5, 1925.

Great Lakes Thread and Yarn Co., Detroit, Mich. Yarns and sewing thread. 210,963; Mar. 30; Serial No. 223,168; published Jan. 12, 1926.

Great Northern Mfg. Co., Chicago, Ill. Food choppers. 211,046; Mar. 30.

Grosvenor, J. M., & Co., Boston, Mass., assignor to Johnson & Johnson, New Brunswick, N. J. Medicinal plasters. 51,989; renewed May 1, 1926.

Grosvenor, J. M., & Co., Boston, Mass., assignor to Johnson & Johnson, New Brunswick, N. J. Medicinal plasters. 52,140; renewed May 1, 1926.

Guyol, Frank J., also doing business as Coro Coffee Company, St. Louis, Mo. Coffee. 210,923; Mar. 30; Serial No. 221,114; published Jan. 12, 1926.

Hall Dry Goods Co., Batesville, Ark. Overalls, jumpers, pants, work shirts, and dress shirts. 210,975; Mar. 30; Serial No. 224,089; published Jan. 12, 1926.

Hall, Hartwell & Co. Inc., Troy, N. Y. Collars and shirts. 211,018; Mar. 30; Serial No. 200,917; published Jan. 5, 1926.

Hanson & Van Winkle Co., The, Newark, N. J.; New York, N. Y.; and Chicago, Ill.; The Hanson & Van Winkle Company, Newark, N. J. Nickel salts. 51,930; renewed Apr. 24, 1926.

Harris, P. E., & Co., Seattle, Wash. Canned salmon. 211,011; Mar. 30; Serial No. 223,386; published Jan. 12, 1926.

Hartman, Samuel B., assignor, by mesne assignments, to The Peruna Corporation, Chicago, Ill. Tonic medicines. 48,440; renewed Dec. 26, 1926.

Hartman, Samuel B., Columbus, Ohio, assignor, by mesne assignments, to The Peruna Corporation, Chicago, Ill. Laxative medicines. 50,786; renewed Mar. 27, 1926.

Heather Company, New York, N. Y. Face powders, face creams, perfumes, rouges, etc. 211,026; Mar. 30; Serial No. 187,421; published Jan. 12, 1926.

Hecht & Berman, New York, N. Y. Coats, suits, dresses, capes, and wraps for misses and juniors. 211,033; Mar. 30; Serial No. 209,406; published Jan. 5, 1926.

Hecht Company. (See Hub, The.)

Herchelroth, Albon F., doing business as Sol-V-Ta Laboratory, Detroit, Mich. Salve. 210,973; Mar. 30; Serial No. 222,614; published Jan. 5, 1926.

Hessberg, Magnus, to Magnus Hessberg, Inc., Richmond, Va., successor. Sole and harness leather. 50,972; renewed Apr. 3, 1926.

Hewitt, Charles, & Sons Company, Des Moines, Iowa. Canned vegetables and fruits, jams, coffee, etc. 210,932; Mar. 30; Serial No. 221,256; published Jan. 5, 1926.

Hewlett & Lee, New York, N. Y. Tea. 51,792; renewed Apr. 24, 1926.

Hewlett & Lee, New York, N. Y. Tea. 51,816; renewed Apr. 24, 1926.

Hickey-Freeman Co., Rochester, N. Y. Men's suits. 211,005; Mar. 30; Serial No. 223,580; published Jan. 5, 1926.

Hoffman and Co., Red Hook, N. Y. Smoking and chewing tobacco. 49,377; renewed Feb. 6, 1926.

Hoffman, M. & H., Manchester, Md. Lotion for the treatment of piles. 210,933; Mar. 30; Serial No. 221,318; published Jan. 12, 1926.

Hollingsworth & Whitney Co., Boston, Mass. Wrapping paper, paper bags, and paper sacks. 53,222–3; renewed May 29, 1926.

Hollingsworth & Whitney Co., Boston, Mass. Wrapping paper, paper bags, and paper sacks. 53,343; renewed May 29, 1926.

Hollingsworth & Whitney Co., Boston, Mass. Wrapping paper, paper bags, and paper sacks. 53,384–5; renewed June 5, 1926.

Horton, J. M., Ice Cream Co., New York, N. Y. Ice cream ices, and frozen custards. 51,969; renewed May 1, 1926.

Hub, The, doing business as Hecht Company and Hecht Brothers, Baltimore, Md.; Washington, D. C.; and New York, N. Y. Men's suits. 210,957; Mar. 30; Serial No. 223,299; published Jan. 5, 1926.

Hubbard, J., & Co.; J. Hubbard & Co., Boston, Mass., successor. Vegetable germicides. 1,351; renewed Apr. 10, 1926.

Hydrex Felt & Engineering Co., East Walpole, Mass.; Hydrex Asphalt Products Corporation, New York, N. Y., successor. Waterproofing felt. 49,378; renewed Feb. 6, 1926.

I. M. Co., Oakland, Calif. Medical and pharmaceutical products. 210,967; Mar. 30; Serial No. 221,424; published Jan. 12, 1926.

International Harvester Company. (See Parlin & Orendorff Co., assignor.)

International Harvester Company. (See Weber Wagon Company, assignor.)

International Magazine Company. (See Good Housekeeping Co.)

Jelke, John F., Company, Chicago, Ill. Oleomargarine. 211,045; Mar. 30.

Jewett Radio & Phonograph Company, The, Detroit, Mich. Cases or containers for radio receiving sets. 211,072; Mar. 30.

Johnson & Johnson. (See Grosvenor, J. M., & Co., assignor.)

Johnson & Johnson. (See Lee, J. Ellwood, Company, assignor.)

Kalkus Chemical Company. (See Paulson, Carolus M.)

Kallile, Charles J., doing business as C. J. Kallile Perfume Co., and Victory Barber Supply Co., Toledo, Ohio. Perfumes, toilet waters, lip rouges, shampoos, etc. 210,936; Mar. 30; Serial No. 222,464; published Jan. 5, 1926.

Karkle, Charles, Trenton, N. J. Medicinal preparation for the treatment of coughs, colds, catarrh, asthma, etc. 210,974; Mar. 30; Serial No. 224,141; published Jan. 5, 1926.

Kessler, S. H., & Sons, Inc., New York, N. Y. Men's coats, vests, trousers, and overcoats. 210,952; Mar. 30; Serial No. 223,121; published Jan. 12, 1926.

Kibbe Brothers Company, Springfield, Mass. Candy. 210,985; Mar. 30; Serial No. 220,541; published Jan. 12, 1926.

Kimberly-Clark Company, Neenah, Wis. Filter disks made of paper. 210,959; Mar. 30; Serial No. 222,127; published Jan. 12, 1926.

Knickerbocker Chocolate Co., New York, N. Y. Rock candy and rock-candy sirups. 53,463; renewed June 5, 1926.

Knickerbocker Dresses Inc., New York, N. Y. Dresses. 210,938; Mar. 30; Serial No. 223,790; published Jan. 12, 1926.

Kotrich, Joseph F., doing business as Healthfinder Chemical Co., Chicago, Ill. Liquid ointment for inflammations, congestion of the respiratory organs, etc. 210,945; Mar. 30; Serial No. 222,610; published Jan. 5, 1926.

Kress, Claude W., doing business as Buckfield Plantation, Yemassee, S. C. Asparagus. 210,964; Mar. 30; Serial No. 222,037; published Jan. 12, 1926.

La Salle Company, The, St. Paul, Minn. Face powder. 210,970; Mar. 30; Serial No. 222,618; published Jan. 5, 1926.

La Societe Menier, Paris, France. Eating and cooking chocolate. 211,014; Mar. 30; Serial No. 217,405; published Jan. 12, 1926.

Lawson, H. W., Mfg. Co., Los Angeles, Calif. Middies, gymnasium bloomers, jackets, overalls, nightgowns, etc. 211,067; Mar. 30.

Lee, J. Ellwood, Company, Conshohocken, Pa., assignor to Johnson & Johnson, New Brunswick, N. J. Adhesive plaster. 52,665; renewed May 15, 1926.

Lee, J. Ellwood, Company, Conshohocken, Pa., assignor to Johnson & Johnson, New Brunswick, N. J. Medicinal plasters. 54,712; renewed June 26, 1926.

Levy, Henry S., Brooklyn; Henry S. Levy, Belle Harbour, L. I., N. Y. Bread. 54,431; renewed June 26, 1926.

Lewis, Hubbard and Company, Charleston, W. Va. Canned fruits and vegetables, spices, dried beans, rice, etc. 211,013; Mar. 30; Serial No. 216,615; published Jan. 5, 1926.

Lilly, Ed, & Company, The, Indianapolis, Ind.; New York, N. Y.; Chicago, Ill.; St. Louis and Kansas City, Mo.; and New Orleans, La.; assignor to Ell Lilly and Company, Indianapolis, Ind. Uterine tonic and sedative. 49,545; renewed Feb. 6, 1926.

Linder Co'y., The, Cleveland, Ohio. Dresses. 211,007; Mar. 30; Serial No. 223,480; published Jan. 5, 1926.

Link-Belt Company, Chicago, Ill. Chain and parts. 211,040; Mar. 30; Serial No. 217,472; published Dec. 29, 1925.

Linrayn Corporation, New York, N. Y. Combination of linen and artificial-silk goods in the piece. 210,904; Mar. 30; Serial No. 223,309; published Jan. 12, 1926.

Lion Bros. Co., Baltimore, Md. Silk embroideries. 54,903; renewed July 31, 1926.

Magnus Imports, Ltd., New York, N. Y. Men's, women's, and boys' sweaters. 211,010; Mar. 30; Serial No. 223,397; published Jan. 5, 1926.

Martins, Inc., Brooklyn, N. Y. Ladies' hose, knitted underwear, corsets, dresses, jabots, negligees, etc. 211,068; Mar. 30.

Massachusetts Chemical Company, Boston, Mass., assignor, by mesne assignments, to United States Rubber Company, New Brunswick, N. J., and New York, N. Y. Rubber heels and soles. 49,159; renewed Jan. 23, 1926.

Mayfield Undergarment Co., New York, N. Y. Ladies' knitted and textile underwear. 211,044; Mar. 30.

Mazer, Joseph M., doing business as Bogart Paper Company, Brooklyn, N. Y. Toilet paper. 211,060; Mar. 30.

McTighe Grocery Company, Binghamton, N. Y. Canned fish, macaroni, cocoa, tea, etc. 211,051; Mar. 30.

Merchants Gargling Oil Company, Lockport, N. Y. Oil liniment. 54,977; renewed Aug. 7, 1926.

Meyer Mayers, Inc., New York, N. Y. Ladies' bloomers. 210,937; Mar. 10; Serial No. 224,198; published Jan. 12, 1926.

Migel, J. A., Inc., Bergen, N. J., and New York, N. Y. Silk piece goods. 211,006; Mar. 30; Serial No. 223,532; published Jan. 12, 1926.

Miller's, Jacob, Sons Co., Philadelphia, Pa. Cotton, linen, silk, and mixtures of same, all in the piece. 210,954; Mar. 30; Serial No. 223,248; published Jan. 12, 1926.

Milne-O'Berry Packing Co., St. Petersburg, Fla. Fresh oranges and grapefruit. 210,949; Mar. 10; Serial No. 223,099; published Jan. 12, 1926.

Mollica, Louis B. (See Gebauer, Max, assignor.)

Monmouth Rug Mills Inc., Englishtown, N. J. Textile rugs. 210,948; Mar. 30; Serial No. 223,047; published Jan. 12, 1926.

Morris, James P., Paris, Tex. Remedy for skin diseases. 54,607; renewed June 26, 1926.

Morton, Erni M., doing business as Morton Drug Co., Centertown, Ky. Formula containing pepsin and other medicines. 210,988; Mar. 10; Serial No. 219,979; published Jan. 5, 1926.

Naef, M., & Cie., Geneva, Switzerland. Perfumes and essential oils for the production of perfumes. 210,907; Mar. 30; Serial No. 221,446; published Jan. 12, 1926.

Naef, M., & Cie., Geneva, Switzerland. Perfumes and essential oils for the production of perfumes. 210,910–20; Mar. 30; Serial Nos. 221,434–5; published Jan. 12, 1926.

Naef, M., & Cie., Geneva, Switzerland. Perfumes and essential oils for the production of perfumes. 210,922; Mar. 30; Serial No. 221,441; published Jan. 12, 1926.

Naef, M., & Cie., Geneva, Switzerland. Perfumes and essential oils for the production of perfumes. 210,968; Mar. 30; Serial No. 221,431; published Jan. 12, 1926.

Naef, M., & Cie., Geneva, Switzerland. Perfumes and essential oils for the production of perfumes. 210,971–2; Mar. 30; Serial Nos. 221,432–3; published Jan. 12, 1926.

National Automotive Parts Association, Detroit, Mich. Brake lining and clutch facings, valve-stem packing, felt washers, etc. 211,037; Mar. 30; Serial No. 218,886; published Dec. 22, 1925.

Newhall, H. M., & Co., San Francisco, Calif. Canned fruits, vegetables, and fish, dried vegetables, salt fish, tomato paste, and canned evaporated milk. 211,030; Mar. 30; Serial No. 207,311; published Jan. 5, 1926.

Nicholson File Company, Providence, R. I. Files and rasps and handles and holders therefor. 50,881; renewed Apr. 3, 1926.

Nissle, Lou C., New York, N. Y. Evaporated mixture of cocoa, milk, and sugar. 210,924; Mar. 30; Serial No. 221,024; published Jan. 5, 1926.

North American Fibre Products Company. (See American Turpentine Company.)

Oberman, D. M., Mfg. Co., New York, N. Y. Men's work shirts, flannel shirts, suits, pants, etc. 210,963; Mar. 30; Serial No. 222,086; published Jan. 12, 1926.

Ohio Valley Coffee Co., The, Portsmouth, Ohio. Coffee. 210,921; Mar. 30; Serial No. 220,971; published Jan. 12, 1926.

Oppenheimer & Gross, Philadelphia, Pa. Suits and overcoats, including golf suits, etc., coats, vests, trousers. 210,946; Mar. 30; Serial No. 222,939; published Jan. 5, 1926.

Pablo Calvet & Co., New York, N. Y. Chemical composition for the treatment of mange and for destroying fleas and lice on horses, dogs, and cattle. 211,065; Mar. 30.

Panelon Underwear Company, Inc., Hamilton, Ohio. Underwear. 210,941; Mar. 30; Serial No. 223,739; published Jan. 5, 1926.

Parfumerie Roger et Gallet, Paris, France. Cosmetics, pastes, powders, and toilet preparations. 211,042; Mar. 30; Serial No. 224,262; published Jan. 12, 1926.

Parlin & Orendorff Co., Canton, assignor to International Harvester Company, Chicago, Ill. Plows. 50,593; renewed Mar. 27, 1926.

Parlin & Orendorff Co., Canton, assignor to International Harvester Company, Chicago, Ill. Plows. 51,668; renewed Apr. 17, 1926.

Parlin & Orendorff Co., Canton, assignor to International Harvester Company, Chicago, Ill. Plows. 54,313; renewed June 26, 1926.

Paulson, Carolus M., doing business as Kalkus Chemical Company, Minneapolis, Minn. Foot powder. 211,027; Mar. 30; Serial No. 220,797; published Jan. 12, 1926.

Peavy, James O., Selma, La. Medicine for the treatment of syphilis, blood and skin diseases, etc. 210,950; Mar. 30; Serial No. 223,102; published Jan. 12, 1926.

Perry & Company, Philadelphia, Pa. Coats, vests, pantaloons, etc. 210,977; Mar. 30; Serial No. 224,042; published Jan. 12, 1926.

Peruna Corporation, The. (See Hartman, Samuel B., assignor.)

Phoenix Horse Shoe Co., Chicago, Ill.; Phoenix Horse Shoe Co., Chicago and Joliet, Ill.; New York and Poughkeepsie, N. Y.; and Cleveland, Ohio. Horse and mule shoes. 53,986; renewed June 19, 1926.

Pike Manufacturing Company, The, Pike, Littleton, and Lisbon, N. H.; Hot Springs, Ark.; Orleans, Ind.; Evansville, Vt.; and New York, N. Y.; Pike Manufacturing Company, Pike, N. H. Abrading materials and tools. 49,396; renewed Feb. 6, 1926.

Piru Citrus Association, Piru, Calif. Oranges, lemons, and grapefruit. 210,976; Mar. 30; Serial No. 224,044; published Jan. 12, 1926.

Pittsburgh Uniform Tailoring Co. (See Stingel, Sigmund.)

Polan, Katz & Company, Baltimore, Md. Umbrellas with cases therefor. 210,934; Mar. 30; Serial No. 221,375; published Jan. 5, 1926.

Portland Packing Co., Portland, Me. Canned fruits and vegetables. 49,671–3; renewed Feb. 13, 1926.

"Proka" Parfümerie- und Seifenfabriks A. G., Vienna, Austria. Cosmetics. 210,987; Mar. 30; Serial No. 220,037; published Jan. 5, 1926.

Purity Bakeries Corporation, Kansas City, Mo. Fruit cake. 211,057; Mar. 30.

Quaker Oats Company, The. (See American Cereal Company, The, assignor.)

Quaker Oats Company, The. (See Topeka Milling Company, The, assignor.)

Quinlan, Lucy, Lawrence, Mass. Ointment for eczema. 211,039; Mar. 30; Serial No. 213,192; published Sept. 15, 1925.

Ra-Dx Co., Jersey City, N. J. Soldering solution. 211,025; Mar. 30; Serial No. 206,084; published Jan. 5, 1926.

Rea-Patterson Milling Company, The, Coffeyville, Kans. Wheat flour. 54,386–7; renewed June 26, 1926.

Red Raven Rubber Company, Newark, N. J. Rubber sanitary baby pants. 211,065; Mar. 30.

Richman, Newburger & Travers, New York, N. Y. Men's and young men's coats. 211,056; Mar. 30.

Robertson, Charles. (See Stuart, Jane, Inc., assignor.)

Rogers, Wm. A., Limited, New York, N. Y.; Wm. A. Rogers Limited, Toronto, Canada, and Niagara Falls, N. Y. Silver-plated flatware, hollow ware, and tableware. 48,492; renewed Jan. 2, 1926.

Russ Company, The; The Russ Company, South Bend, Ind., successor. Laundry bluing. 50,103; renewed Mar. 6, 1926.

Schlereth, William, Baltimore, Md., also doing business as Catar-Go Chem. Co., Brooklyn, N. Y. Preparation for the treatment of catarrh and ailments of the respiratory and other organs. 210,980; Mar. 30; Serial No. 223,974; published Jan. 5, 1926.
Schreiber Products Corporation, Buffalo, N. Y. Coffee. 211,059; Mar. 30.
Scott Paper Co., Philadelphia, Pa., assignor to American Trading Company, Inc., New York, N. Y. Toilet paper. 53,377; renewed June 5, 1926.
Sherman Bros., New York, N. Y. Suits, topcoats, and overcoats. 210,943; Mar. 30; Serial No. 223,808; published Jan. 12, 1926.
Sherwood Bros. Inc., Baltimore, Md. Lubricating oils and greases. 211,064; Mar. 30.
Shoaf-Sink Hosiery Mill Company, Lexington, N. C. Hosiery. 211,009; Mar. 30; Serial No. 223,417; published Jan. 5, 1926.
Shotwell Mfg. Co., Chicago, Ill. Candy bars. 210,984; Mar. 30; Serial No. 220,480; published Jan. 12, 1926.
Siegel, Louis, doing business as Gold Metal Malt Co., Detroit, Mich. Malt extract for food purposes. 211,054; Mar. 30.
Simpson, W. Earl, St. Clairsville, Ohio. Dog medicines. 210,961; Mar. 30; Serial No. 222,346; published Jan. 5, 1926.
Smith, Albert D., & Co., New York, N. Y. Umbrella cloth. 211,022; Mar. 30; Serial No. 218,875; published Jan. 12, 1926.
Smith, Elmer W., Inc., Seattle, Wash. Canned salmon. 210,958; Mar. 30; Serial No. 221,212; published Jan. 12, 1926.
Smith, Kirkpatrick & Co., Inc., New York, N. Y. Hosiery. 210,940; Mar. 30; Serial No. 223,746; published Jan. 5, 1926
Smith & Scott Tobacco Co., Paducah, Ky. Chewing and smoking tobacco. 54,532; renewed June 26, 1926.
Société Anonyme des Verreries Lorraines, Sarrebourg, France. Glassware. 210,927–9; Mar. 30; Serial Nos. 224,161–3; published Jan. 12, 1926.
Société Worth, Paris, France, assignor to Franklin Simon & Co., New York, N. Y. Perfumes and hygienic products. 211,036; Mar. 30; Serial No. 196,980; published Mar. 31, 1925.
Société Worth, Paris, France, assignor to Franklin Simon & Co., New York, N. Y. Perfumes and hygienic products. 211,038; Mar. 30; Serial No. 196,976; published Mar. 31, 1925.
Sol-V-Ta Laboratory. (See Herchelroth, Albon F.)
Standard Food Products Co. (See Goldstein, George.)
Statham, Noel, New York, N. Y. Tobacco pouches. 210,409; Mar. 30; Serial No. 221,722; published Jan. 12, 1926.
Sterling Supply Company. (See Goldstein, George.)
Stingel, Sigmund, doing business as Pittsburgh Uniform Tailoring Co., Pittsburgh, Pa. Shirts and blouses. 210,962; Mar. 30; Serial No. 222,094; published Dec. 22, 1925.
Stuart, Jane, Inc., assignor to C. Robertson, New York, N. Y. Women's coats and dresses. 211,053; Mar. 30.
Teweles, Ludwig, to L. Teweles Seed Co., Milwaukee, Wis., successor. Grass and field seed. 54,585; renewed June 26, 1926.
Tiedeman, Rudolph J., doing business as Tiedeman's Pharmacy, Madison, Wis. Frozen malted milk. 211,048; Mar. 30.
Tire and Rim Association of America, Incorporated. (See Clincher Automobile Tire Manufacturing Association, The, assignor.)
Topeka Milling Company, The, Topeka, Kans., assignor, by mesne assignments, to The Quaker Oats Company, Chicago, Ill. Wheat flour. 54,396; renewed June 26, 1926.
Unfried Barkhorn Co., Newark, N. J. Hosiery. 210,942; Mar. 30; Serial No. 223,826; published Jan. 12, 1926.
Union Special Machine Company, Chicago, Ill. Machine needles. 54,759; renewed June 26, 1926.
Union Thread Company, The, Cincinnati, Ohio. Thread. 211,071; Mar. 30.
United States Rubber Company. (See Massachusetts Chemical Company, assignor.)
U. S. Shoe Products Company, The, New York, N. Y. Shoe polish. 211,052; Mar. 30.
Venecin A. G. für Chemische Produkte, Berlin and Welmar, Germany. Mineral waters. 211,019; Mar. 30; Serial No. 195,726; published Jan. 12, 1926.
Venesta Limited, London, England. Boxes made from sheets of wood. 48,023; renewed Dec. 5, 1925.
Victory Barber Supply Co. (See Kallile, Charles J.)
Vorzimer, Suskind Co., Inc., New York, N. Y. Men's neckties and cravats. 210,960; Mar. 30; Serial No. 222,420; published Jan. 12, 1926.
Wacker & Birk Br'g & M'lt'g Co., The; The Wacker & Birk Brewing & Malting Co., Chicago, Ill. Beer. 53,942; renewed June 12, 1926.
Waite, Merton E., assignor to The Bonheur Company, Inc., Syracuse, N. Y. Toilet lotion. 52,256; renewed May 1, 1926.
Wayne Knitting Mills, Fort Wayne, Ind. Hosiery. 54,649; renewed June 26, 1926.
Weber Wagon Company, assignor to International Harvester Company, Chicago, Ill. Wagons. 50,843; renewed Apr. 3, 1926.
Wenig, Frederick, New York, N. Y. Underwear, sweaters, and hosiery. 211,066; Mar. 30.
Westphal, Paul, New York, N. Y. Liquid for treating the hair, toilet waters, hair dyes, etc. 210,944; Mar. 30; Serial No. 223,349; published Jan. 5, 1926.
Winthrop Chemical Company, Inc., New York, N. Y. Cough sedative and expectorant. 210,956; Mar. 30; Serial No. 223,266; published Jan. 5, 1926.
Wise Brothers, Washington, D. C. Milk, cream, cheese, and eggs. 210,908; Mar. 30; Serial No. 221,653; published Dec. 29, 1925.
Woolson Spice Company, The, Toledo, Ohio. Coffee, tea, and spices. 210,906; Mar. 30; Serial No. 221,794; published Jan. 5, 1926.
Wyant Way Inc., New York, N. Y. Knitted and textile underwear, lingerie, dresses, and suits for women. 210,930; Mar. 30; Serial No. 221,865; published Jan. 5, 1926.
Wyman, Partridge & Co., Minneapolis, Minn. Sateen in piece goods. 211,023; Mar. 30; Serial No. 205,048; published Jan. 12 1926.
Young, George, and Company, Chicago, Ill. Indoor baseballs and playground balls. 211,062; Mar. 30.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Aro Creamery Company. (See Menasha Printing and Carton Company, assignor.)
Buechse, William, & Sons Company. (See Menasha Printing and Carton Company, assignor.)
California Health Food Co., Los Angeles, Calif. Good Morning!—Have a Cup of Fig-Co. For a Coffee Substitute. 30,110; Mar. 30.
Chattanooga Bakery. (See Mountain City Mill Co.)
Delmarle, Nance M., Rochester, N. Y. Nance's French Salad Dressing. For Salad Dressing. 30,111; Mar. 30.
Delmarle, Nance M., Rochester, N. Y. Nance's Mustard Sauce. For Mustard Sauce. 30,112; Mar. 30.
Freshie Co. Inc., The, New York, N. Y. Freshie Towelettes. For Cold-Cream Tissue. 30,113; Mar. 30.
Frisch, Emile, Chicago, Ill. Frisch Process #2. For Bread. 30,114; Mar. 30.
Frisch, Emile, Chicago, Ill. Frisch Process. For Bread. 30,115; Mar. 30.
Frohman, L. H., & Co., Chicago, Ill. Gold Prize. For Coffee. 30,116; Mar. 30.
Henschel, Alfred C., Chicago, Ill. Chicago Made Cigars. For Cigars. 30,117; Mar. 30.
High Grade Salad Co., Philadelphia, Pa. Creamo. For Salad Dressing. 30,118; Mar. 30.
Humphrey, W. E., Co., Inc., Tacoma, Wash. Big B'ar 5¢. For Candy. 30,119; Mar. 30.
Independent Candy & Manufacturing Company, The, Joplin, Mo. Hotsy Totsy. For Candy. 30,120; Mar. 30.
Jim's Stores, Philadelphia, Pa. Supreme Malt Extract. For Malt Extract. 30,121; Mar. 30.
Johnston, R. F., Paint Company, The, Cincinnati, Ohio. Johnston's Unusually Good Paint. For Paints. 30,122; Mar. 30.
Jordan, Samuel H., doing business as Mineralife, Los Angeles and Long Beach, Calif. Mineralife. For Medicinal Salts Used for Blood Purifier and Tonic. 30,123; Mar. 30.
Menasha Printing and Carton Company, Menasha, Wis., assignor to William Buechse & Sons Company, Jersey City, N. J. B & S Brand. For Butter. 30,124; Mar. 30.
Menasha Printing and Carton Company, Menasha, Wis., assignor to Aro Creamery Company, St. Louis, Mo. Aro Butter. For Butter. 30,125; Mar. 30.
Mineralife. (See Jordan, Samuel H.)
Monterey Bay Artichoke Growers, Inc., Monterey, Salinas, and Castroville, Calif. Sea-Lion. For Fresh Artichokes. 30,126; Mar. 30.
Mountain City Mill Co., doing business as the Chattanooga Bakery, Chattanooga, Tenn. Lax-A-Crax. For Crackers. 30,127; Mar. 30.
Nelson, W. Merle, Modesto, Calif. Don Pedro. For Grapes. 30,128; Mar. 30.
Newark Varnish Works, Inc., Newark, N. J. Every Wear—All Purpose Varnish. For Varnish. 30,129; Mar. 30.
Oceano Products Company, Newark, N. J. Ocean-O. For a Regulating Tonic and Detoxicant. 30,130; Mar. 30.
Ogilvie Sisters, New York, N. Y. French Blue. For French Bluing for the Hair. 30,131; Mar. 30.
Ogilvie Sisters, New York, N. Y. Wave Lotion. For Wave Lotion. 30,132; Mar. 30.
Ogilvie Sisters, New York, N. Y. Tonic for Whitening Grey Hair. For Hair Tonic. 30,133; Mar. 30.
Ogilvie Sisters, New York, N. Y. Scalp Pomade. For Scalp Pomade. 30,134; Mar. 30.

Ogilvie Sisters, New York, N. Y. Special Ointment. For Medicated Ointment. 30,135; Mar. 30.
Ogilvie Sisters, New York, N. Y. Pure Henna Powder. For Henna Powder. 30,136; Mar. 30.
Ogilvie Sisters, New York, N. Y. Tonic for Dry Hair. For Hair Tonic. 30,137; Mar. 30.
Ogilvie Sisters, New York, N. Y. Tonic for Oily Hair. For Hair Tonic. 30,138; Mar. 30.
Ogilvie Sisters, New York, N. Y. Special Remedy for Falling Hair and Dandruff. For Hair Tonic. 30,139; Mar. 30.
Ogilvie Sisters, New York, N. Y. Henna Shampoo Powder. For Shampoo Powder. 30,140; Mar. 30.
Parker, F. W., Raleigh, N. C. Parker's Germicidal Lotion for Itch and all Other Skin Troubles. For Germicidal Lotion. 30,141; Mar. 30.
Pines Bros., Portland, Me. Bramhall. For Cigars. 30,142; Mar. 30.
Reid, Murdoch & Co., Chicago, Ill. Monarch Teenie Weenie Peanut Butter. For Peanut Butter. 30,143; Mar. 30.
Roberts & Oake, Inc., Chicago, Ill. One Dozen Best-O'-Farm Fancy Selected Eggs. For Eggs. 30,144; Mar. 30.
Ry-Krisp Company, The, Minneapolis, Minn. Krispette. For Rye Cereal. 30,145; Mar. 30.
Scholl Mfg. Co. Inc., The, Chicago, Ill. Dr. Scholl's Improved Bunion Spring. For an Appliance in the Relief and Correction of Hallux Valgus, Bunions, and Overlapping and Underlapping Great Toes. 30,146; Mar. 30.
Smith, Benjamin D., doing business as Smith Mfg. Company, Utica, N. Y. Smico. For Insecticides. 30,147; Mar. 30.
Smith, Catherine E., Philadelphia, Pa. Superior Hair Grower. For a Preparation for the Hair. 30,148; Mar. 30.
Standard Bakers' Supply Co., Inc., Brooklyn, N. Y. Gloria Brand Choice Common Flour. For Flour. 30,149; Mar. 30.
Standard Bakers Supply Co. Inc., Brooklyn, N. Y. Blossom Brand Choice Patent Rye Flour. For Flour. 30,150; Mar. 30.
Steele, Charles N., Scotia, N. Y. 'Jewelers' Silver Cleaner. For a Silver Cleaner or Polish. 30,151; Mar. 30.
Varanelli, A. F., Waterbury, Conn. Silverdale. For Cigars. 30,152; Mar. 30.
Wilson, Charles A., New York, N. Y. Wilson's Blue Ribbon Star Polish. For a Liquid Polish. 30,153; Mar. 30.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

B. V. D. Company, Inc., The, New York, N. Y. Be Sure To See That It's 'B. V. D.' For Athletic Underwear. 8,663; Mar. 30.
B. V. D. Company, Inc., The, New York, N. Y. Made For The Best Retail Trade B. V. D. For Athletic Underwear. 8,664; Mar. 30.
B. V. D. Company, Inc., The, New York, N. Y. Greater Comfort Longer Wear. For Athletic Underwear. 8,665; Mar. 30.
B. V. D. Company, Inc., The, New York, N. Y. Made For The B. V. D. Best Retail Trade. For Athletic Underwear. 8,666; Mar. 30.
Cream of Wheat Co., Minneapolis, Minn. A Formula Used With Great Success In The Treatment of Pyloric Stenosis. For Wheat Breakfast Food. 8,667; Mar. 30.
Jackson Furniture Company, Oakland, Calif. One Price—Cash or Credit. For Furniture and Household Equipment. 8,668–9; Mar. 30.
Jell-O Company, Inc., The, Le Roy, N. Y. Giro Porcelain Figurines. For a Dessert Preparation. 8,670; Mar. 30.
Jell-O Company, Inc., The, Le Roy, N. Y. "The Waiter." For a Dessert Preparation. 8,671; Mar. 30.
Jell-O Company, Inc., The, Le Roy, N. Y. "The Dinner Party." For a Dessert Preparation. 8,672; Mar. 30.
Jell-O Company, Inc., The, Le Roy, N. Y. "The Little Hostess." For a Dessert Preparation. 8,673; Mar. 30.
Jell-O Company, Inc., The, Le Roy, N. Y. The Nurse And Child. For a Dessert Preparation. 8,674; Mar. 30.
Jell-O Company, Inc., The, Le Roy, N. Y. Marion Power's Raspberry Jell-O. For a Dessert Preparation. 8,675; Mar. 30.
Lawson, Elmer W., La Russell, Mo. Profits Shared With Our Customers. For Various Articles of Merchandise. 8,676; Mar. 30.
Magnavox Company, The, Oakland, Calif. At The Turn of a Single Dial. For Radio Sets. 8,677; Mar. 30.
Moxie Company, The, Boston, Mass. Certificate of Authority—Moxie C Deal. For Beverage Called "Moxie." 8,678; Mar. 30.
Pauer, Herbert G., Buffalo, N. Y. Aladdin Magic Nut Bowl. For Aladdin Magic Nut Bowl. 8,679; Mar. 30.
Simplex Piston Ring Company, The, Cleveland, Ohio. Repair Your Motor The New Way. For Piston Rings. 8,680; Mar. 30.
Summerour & Son, Vernon, Tex. More Dollars Per Acre in 1925; For Cottonseed. 8,681; Mar. 30.
Western Lime & Cement Co., The, Milwaukee, Wis. New Plaster. For Weslico Texture Plaster. 8,682; Mar. 30.
Wooster Brush Company, The, Wooster, Ohio. How to Use This Wooster Brush Chart. For Brushes. 8,683; Mar. 30.
Wooster Brush Company, Wooster, Ohio. Shasta Brushes. For Brushes. 8,684; Mar. 30.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

A/S Sætre Kjeksfabrik Aktieselskap, Oslo, Norway. Bread, cakes, biscuits, wafers, and crackers. 222,801; Mar. 30.
Adler Underwear & Hosiery Mfg. Co., The, Cincinnati, Ohio. Cotton fabric sold as piece goods. 226,617; Mar. 30.
Advance Bag and Paper Company, Inc., Boston, Mass. Paper bags. 222,546; Mar. 30.
Aktiengesellschaft Chocolat Tobles, Bern, Switzerland. Chocolate. 217,848; Mar. 30.
Alabama Clay Products Company, Birmingham, Ala. Brick. 226,620–1; Mar. 30.
All-American Radio Corporation, Chicago, Ill. Transformers. 210,210; Mar. 30.
Altshuler, Samuel, San Francisco, Calif. Candy. 226,529; Mar. 30.
Ambassador Sales Co., Inc., New York, N. Y. Condensers for radio apparatus. 208,030; Mar. 30.
American Biscuit Company, San Francisco, Calif. Biscuits and crackers. 220,817; Mar. 30.
American Cyanamid Company, New York, N. Y. Cyanides. 227,053; Mar. 30.
American Gear Company, Jackson, Mich. Piston rings. 224,642; Mar. 30.
American Manganese Steel Company, Chicago Heights, and Chicago, Ill.; New York, N. Y.; New Castle, Del.; Los Angeles and Oakland, Calif.; Denver, Colo.; and St. Louis, Mo. Heat-resisting and corrosion-resisting and oxidation-resisting alloys and finished castings. 226,327; Mar. 30.
American Wiremold Company, The, Hartford, Conn. Insulated electric wires. 210,600; Mar. 30.
American Work Clothes, Inc., Little Rock, Ark. Men's overalls, pants, and work shirts. 227,213; Mar. 30.
Amsco Products, Inc., New York, N. Y. Resistance units and grid leaks. 224,488–9; Mar. 30.
Anchor Milling & Grocery Company, doing business as Anchor Milling Company, Albuquerque, N. Mex. Wheat flour. 214,577; Mar. 30.
Anderson, Francis, assignor to Tavanagh Weaving Company Limited, Portadown, Ireland. Linen goods. 222,297; Mar. 30.
Arnold Brothers Inc., Chicago, Ill. Meat sausage loaf. 224,644; Mar. 30.
Arrow Emblem Co., Inc., New York, N. Y. Scarf and collar pins, collar buttons, studs, etc. 225,858; Mar. 30.
Atlas Fence Company, Newark, N. J. Iron and wire fencing, screening, and wire mats. 215,889; Mar. 30.
Attix, E. D., Knoxville, Tenn. Hosiery. 216,578; Mar. 30.
Automatic Telephone Manufacturing Company Limited, Liverpool, England. Loud speakers for use in wireless telephony. 225,695; Mar. 30.
Ayres, F. C., Mercantile Company, The, Denver, Colo. Poultry feed. 225,908; Mar. 30.
Bailey, Walter W., doing business as Bailey Paper Company, New York, N. Y. Printing paper coated with a composition of china clay, casein, and blanc fixe. 220,591; Mar. 30.
Balata, Victor, & Textile Belting Co., New York, N. Y. Belt knives and belt punches. 226,838; Mar. 30.
Baronet Extract and Distributing Co. (See Gugenheim, Albert M.)

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Bastian-Morley Co., La Porte, Ind. Thermostatically-controlled valves and parts thereof. 225,864; Mar. 30.
Bastrop Pulp & Paper Company, Bastrop, La. Kraft paper and kraft pulp. 221,088; Mar. 30.
Bay City Grocer Co. (See Lee & Cady.)
Belga Match Soc. An., Ninove, Belgium. Matches. 223,455–7; Mar. 30.
Belgian Trading Company, Inc., New York, N. Y. Vanilla extracta and vanilla compounds. 226,876; Mar. 30.
Bippart, Bennett & Co., Newark, N. J. Jewelry for personal wear, not including watches. 224,946; Mar. 30.
Blickenstaff, J. G., & Sons, Modesto, Calif. Fresh cantaloupes, peaches, and plums. 220,272; Mar. 30.
Blum, John, doing business as P. T. Supply Company, New York, N. Y. Detector and amplifier tubes for radio apparatus. 226,124; Mar. 30.
Bohde, Arnold W., Fort Wayne, Ind. Medicine for the treatment of hog cholera. 226,038; Mar. 30.
Brand & Oppenheimer, Incorporated, New York, N. Y. Cotton piece goods. 225,346; Mar. 30.
Brazil Clay Company, Brazil, Ind. Bricks. 226,039; Mar. 30.
Bright Star Battery Co., doing business as Eclipse Battery Co., Hoboken, N. J. Electric batteries. 223,017; Mar. 30.
Bushnell-Dahlquist Press, Inc., Minneapolis, Minn. Calling cards, window cards, place cards, etc. 218,163; Mar. 30.
Bushnell-Dahlquist Press, Inc., Minneapolis, Minn. Blank books, blank labels, booklet covers, etc. 227,295; Mar. 30.
Buyer's Paper Co., The, Dayton, Ohio. Printing paper. 218,391; Mar. 30.
Cadwallader-Gibson Lumber Co., Manila, P. I., and San Francisco, Calif. Domestic and foreign hardwood and soft-wood lumbers. 218,287–8; Mar. 30.
Calgold Products Co., San Francisco, Calif. Table sirup. 225,503; Mar. 30.
Calo Remedy Company. (See Stephenson, Andrew C.)
Caplan, David, Company, Boston, Mass. Cloth covers for ironing boards. 224,275; Mar. 30.
Central Shoe Company, St. Louis, Mo. Shoes. 226,539; Mar. 30.
Chamberlain Company, Inc., Los Angeles, Calif. Crushed white rock, dolomite, marble, and silicate. 226,128; Mar. 30.
Chang, Wah K., Chicago, Ill. Medicine for use in treating rheumatism, kidney and stomach ailments, etc. 226,712; Mar. 30.
Cheramy, Inc., New York, N. Y. Toilet soaps and shaving creams. 220,447; Mar. 30.
Chirls, Ben., doing business as Roice Tube Co., New York, N. Y. Radiotubes. 226,417; Mar. 30.
Chocolate Products Company, Chicago, Ill. Beverages sold as soft drinks and sirups and extracts for making the same. 226,633; Mar. 30.
Clark Coleman Coal & Coke Co., Peoria, Ill. Coal. 223,835; Mar. 30.
Cleveland Heater Company, The. Hot-water heaters, water-storage heaters, pipe fittings, etc. 225,171; Mar. 30.
Cleveland Paper Manufacturing Company, The, Cleveland, Ohio. Printing papers. 226,332; Mar. 30.
Cluett, Peabody & Co., Inc., Troy, N. Y. Dress and negligee shirts. 225,592; Mar. 30.
Cohen, Sidney, New York, N. Y. Ladies', misses', and juniors' coats and suits. 227,296; Mar. 30.
Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann, Paris, France. Special glue for pasteboard. 216,456; Mar. 30.
Connor, Hugh J., Los Angeles, Calif. Candy. 210,366; Mar. 30.
Consolidated Battery Company, Buffalo, N. Y., and Philadelphia, Pa. Electric batteries. 225,649; Mar. 30.
Coon, Nathan, doing business as The Indian Lake Boat Company, Lima, Ohio. Boats and canoes. 225,771; Mar. 30.
Cooper Hewitt Electric Company, Hoboken, N. J. Mercury-vapor arc lamps as sources of light for industrial and photographic purposes. 203,250; Mar. 30.
Correct Motor Fuels, Inc., Alton, Ill. Gasoline, kerosene, lubricating oils and greases. 227,633; Mar. 30.
Cottonwood Fiber Company, St. Louis, Mo. Oil burners. 224,958; Mar. 30.
Crosman, G. A., & Sons Co., Deering Junction, Portland, Me. Toy wooden building blocks. 225,704; Mar. 30.
Crystal Chemical Company, Inc., The, New York, N. Y. Powders for nursery and toilet use, ointments. 218,106; Mar. 30.
Dal-Tex Coffee Co., Dallas, Tex. Coffee and tea. 224,960; Mar. 30.
Davenport Hosiery Mills, Chattanooga, Tenn. Hosiery. 227,569; Mar. 30.
Dayton Fan and Motor Company, The, Dayton, Ohio. Radio publication issued monthly. 226,948; Mar. 30.
Dayton Rolled Metal Company, The, Dayton, Ohio. Bicycle rims. 225,596; Mar. 30.
Deutsche Gasglublicht-Auer-Gesellschaft mit beschrankter Haftung, Berlin, Germany. Incandescent gas and oil lamps, petroleum lamps, etc. 206,282; Mar. 30.
Dexter Rubber Manufacturing Company, Goshen, N. Y. Rim flaps for tires. 225,953; Mar. 30.
Diamond Electric Specialties Corporation, Newark, N. J. Batteries. 225,507; Mar. 30.
Dickey, W. S., Clay Manufacturing Company, Kansas City, Mo. Fire brick. 226,131; Mar. 30.
Dryden Rubber Company, Chicago, Ill. Hoof pads. 216,156; Mar. 30.
Dudley, Nathaniel W., Cave Spring, Ga. Liniment. 225,470; Mar. 30.
Dutton, E. W., Inc., New York, N. Y. Rayon silk. 226,133; Mar 30.
Eagle-Picher Lead Company, The, Cincinnati, Ohio. Petroleum products. 224,553; Mar. 30.
Eastman Sugar Co., Inc., New Orleans, La. Coffee. 209,468; Mar. 30.
Eatmore Candy Co., Omaha, Nebr. Candy. 214,914; Mar. 30.
Eclipse Battery Co. (See Bright Star Battery Co.)
Economy Irrigation Company Limited, Victoria, British Columbia, Canada, and Seattle, Wash. Irrigation sprinklers. 225,352; Mar. 30.
Edwards & Rouden, Inc., New York, N. Y. Web catheters, record syringes, Jena-glass syringes, etc. 227,224; Mar. 30.
Eisenberg, A., Company, Inc., Baltimore, Md. Frocks. 226,237; Mar. 30.
El Campo Rice Milling Co., El Campo, Tex. Laying mash with buttermilk, rice bran, rice polish, and rice. 207,124; Mar. 30.
Electric Rotary Machine Co., Chicago, Ill. Electrical floor-surfacing machines. 225,354; Mar. 30.
Elevator Supplies Co., Inc., Hoboken, N. J. Electric position indicator for elevators. 225,602; Mar. 30.
Emmanuel Missionary College, Berrien Springs, Mich. Rockerless rocking-chairs. 226,238; Mar. 30.
Endicott Johnson Corporation, Endicott, N. Y. Leather and rubber shoes. 226,849; Mar. 30.
England-Walton Company, Boston, Mass. Sole Leather. 226,480; Mar. 30.
Ertel Brothers Company, Williamsport, Pa. Empty paper boxes with fancy coverings. 224,698; Mar. 30.
Fagersta Bruks Aktiebolag, Fagersta, Sweden. Rolled, drawn, and forged iron and steel. 209,903; Mar. 30.
Fagersta Bruks Aktiebolag, Fagersta, Sweden. Rolled, drawn, and forged iron and steel. 209,905; Mar. 30.
Fair Play Caramels, Inc., Johnson City, N. Y. Candy. 217,212; Mar. 30.
Fair, R., Modesto, Calif. Fresh deciduous fruits and nuts in their natural state. 220,513; Mar. 30.
Fashion Institute, Inc., The, Chicago, Ill. Lessons, instruction sheets, and printed lectures. 225,855; Mar. 30.
Fenton, John, Columbus, Ohio. Heels for shoes. 219,954; Mar. 30.
Filtration Engineers Inc., New York, N. Y. Automatic vacuum filters, automatic sand filters, nonatomizing wash filters, etc. 223,028; Mar. 30.
Fisher, Nath'l, & Co., New York, N. Y. Shoes made wholly or in part of leather. 226,109; Mar. 30.
Fleron, M. M., & Son, Inc., Trenton, N. J. Face Powders, creams, vanishing creams, hair tonics, nail polishes, etc. 213,073; Mar. 30.
Foley Bros. Grocery Company, St. Paul, Minn. Pickles, olives, peanut butter, olive oil, catchup, etc. 184,606; Mar. 30.
Fongo, Aladar, doing business as Royal Mix Company, Chicago, Ill. Beverages sold as soft drinks and sirups and extracts for making the same. 226,644; Mar. 30.
Forstmann & Huffmann Company, Passaic, N. J. Woolen piece goods. 220,277; Mar. 30.
Frostum Co., The. (See Harris, Kennett, jr.)
Gallaher Limited, Belfast, Ireland. Smoking and chewing tobacco, cigars, and cigarettes. 225,657; Mar. 30.
Gar Specialty Co. (See Street, George W.)
Gasparro, Ralph, doing business as Globe Preserve Co., Los Angeles, Calif. Crushed fruits for food purposes, also table sirups. 209,473; Mar. 30.
Genovese, Anthony R., New Orleans, La. Liquid hair straightener. 225,118; Mar. 30.
Gimbel Brothers, Inc., New York, N. Y.; Philadelphia, Pa., and Milwaukee, Wis. Radio receiving sets. 223,473; Mar. 30.
Glendora Lemon Growers Association, Glendora, Calif. Fresh lemons. 204,025; Mar. 30.
Glidden Company, The, Cleveland, Ohio. Dry, paste, and ready-mixed paints, varnishes, etc. 225,413; Mar. 30.
Globe Preserve Co. (See Gasparro, Ralph.)
Globe-Wernicke Co., The, Norwood, Ohio. Angular celluloid tab guides; 205,207; Mar. 30.
Glo-jewl Company. (See Rianhard, Elizabeth L.)
Goldenripe Fruits Inc., San Francisco, Calif. Dried fruits. 227,514; Mar. 30.
Graham, George W., assignor to Graham Products laboratories, Incorporated, New York, N. Y. Stove polish. 214,477; Mar. 30.

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Graham & Zenger, Inc., New York, N. Y. China. 214,153; Mar. 30.
Great Lakes Thread and Yarn Co., Detroit, Mich. Yarns and sewing threads. 222,822; Mar. 30.
Grebe, A. H., & Co., Inc., Richmond Hill, N. Y. Radio dials and mountings therefor. 222,453; Mar. 30.
Grove City Creamery, The, Grove City, Pa. Butter, cheese, and eggs. 214,206; Mar. 30.
Grueby Faience and Tile Company, Boston, Mass., and Philadelphia, Pa. Faience. 226,897–8; Mar. 30.
Gugenheim, Albert M., doing business as Baronet Extract and Distributing Co., Baronet Co., and Baronet Distributing Co., Cincinnati, Ohio. Rubbing alcohol, bay rum, toilet water, etc. 225,710; Mar. 30.
Gugenheim, Albert M., doing business as Baronet Extract and Distributing Co., Baronet Co., and Baronet Distributing Co., Cincinnati, Ohio. Culinary flavoring extracts for table use. 225,711; Mar. 30.
Gugenheim, Max M., doing business as Three Feathers Malt Extract Co., Cincinnati, Ohio. Malt sirup for food purposes. 226,854; Mar. 30.
Hall, Lyman D., New York, N. Y. Laxative candy. 227,072; Mar. 30.
Halperin, Nathan, doing business as Halperin Mills, Brooklyn, N. Y. Artificial-silk knitted fabric. 208,704; Mar. 30.
Hanly Products Co. Inc., Chicago, Ill. Peeling cream. 226,484; Mar. 30.
Hardin, Kenneth F., doing business as Hardin & Slider. Knitted underwear, dress shirts, overalls, men's pad garters, women's house dresses and aprons, hosiery, neckties, etc. 225,957; Mar. 30.
Harkness Radio Corporation, New York, N. Y. Coils, condensers, rheostats, resistances, tubes, and batteries. 208,192; Mar. 30.
Harris, Kennett, jr., doing business as The Frostum Co., New York, N. Y. Prepared cake frosting or cake icing. 226,890; Mar. 30.
Hayes, Frederick C., Newport, R. I. Hair tonic. 224,458; Mar. 30.
Heib, John M., Seattle, Wash. Liniment for sprains, bruises, stings, etc. 224,758; Mar. 30.
Henle Wax Paper Mfg. Inc., The, New York, N. Y. Paraffin-treated parchment bond paper. 227,308; Mar. 30.
Herald Watch Co., Inc., New York, N. Y. Watches, watchcases, watch movements, and parts of the same. 207,567–8; Mar. 30.
Herbert Packing Co., Inc., San Jose, Calif. Canned fruit and vegetables and dried fruit. 222,613; Mar. 30.
Hereudon, C., & Son, Chicago, Ill. Bread-improving compound. 226,257; Mar. 30.
Hoberg Paper & Fibre Company, Green Bay, Wis. Toilet paper. 211,473; Mar. 30.
Holtzinger, C. M., Fruit Co., Yakima, Wash. Fresh apples. 221,610; Mar. 30.
Home Rule Products Company. (See Stone, Samuel.)
Homer, Joseph, New York, N. Y. Dental appliances. 222,067; Mar. 30.
House, Everett W., doing business as Improved Form & Record Co., New York, N. Y. Desk rack and document file. 226,959; Mar. 30.
House, John W., Boston, Mass. Suitings and woven cloth in the piece. 226,288; Mar. 30.
Hydraulic Press Manufacturing Company, The, Mount Gilead, Ohio. Hydraulic equipment. 223,717; Mar. 30.
Hyman, Philip N., Minneapolis, Minn. Insecticide. 225,475; Mar. 30.
Improved Form & Record Co. (See House, Everett W.)
India Tire and Rubber Company, The, Mogadore and Akron, Ohio. Inner tubes or rubber for pneumatic tires. 227,121; Mar. 30.
Indian Lake Boat Company, The. (See Coon, Nathan.)
Indianapolis Fancy Grocery Co., Indianapolis, Ind. Canned vegetables and fruits, tomato catchup, etc. 226,656; Mar. 30.
Irving Iron Works Company, Long Island City, N. Y. Metal grating for floorings, staircases, and roadways. 226,289; Mar. 30.
Jorocco Dresses, Inc., New York, N. Y. Silk and rayon dresses. 225,926; Mar. 30.
Kaufmann Department Stores, Inc., Pittsburgh, Pa. Bicycles. 225,476; Mar. 30.
Kenworthy Grain & Milling Co., Tacoma, Wash. Stock and poultry feed. 224,249; Mar. 30.
Kibbe Brothers Company, Springfield, Mass. Plain cream candies. 223,922; Mar. 30.
Kippen, William F., Spokane, Wash. Antiseptics, foot powder, pine liniment, etc. 226,480; Mar. 30.
Kunin, Samuel, & Sons, Chicago, Ill. Canned and preserved fruits, baked beans, canned meats, chili sauce, etc. 218,646; Mar. 30.
Kunishima Brothers Co., El Centro, Calif. Fresh deciduous fruits, vegetables, and cantaloupes. 225,195; Mar. 30.
Lamson Company, The, Eastwood, N. Y. Refrigerating apparatus. 226,432; Mar. 30.
Leach Company, Oshkosh, Wis. Logging tools and electrical pole-line construction tools. 206,531; Mar. 30.
Le Boeuf Fountain Pen Co., Inc., Springfield, Mass. Fountain pens. 209,995; Mar. 30.

Lee & Cady, doing business as Bay City Grocer Co., Bay City, Mich. Bread and pastry wheat flour. 224,772; Mar. 30.
Leiding, H. G., Co. (See Shelmore Oyster Products Company.)
Levinsohn & Levinsohn, New York, N. Y. Boys' suits manufactured from woolen fabrics. 20,924; Mar. 30.
Liberty Produce Company, Livingston and Cressey, Calif. Fresh grapes and peaches. 216,347; Mar. 30.
Liebovitz, S., & Sons, Inc., New York, N. Y. Dress, work, or negligee shirts, blouses, nightshirts, and pyjamas. 225,429; Mar. 30.
Lion Safety Pin Clntch Co., Inc., The, New York, N. Y. Ring guards. 225,517; Mar. 30.
Lomasney, C. W., & Company, Minneapolis, Minn. Candies, sweetmeats, candied and salted nuts, and nuts in their natural state. 211,854; Mar. 30.
London Shoe Company Inc., New York, N. Y. Shoes. 225,722; Mar. 30.
Lon Jourè Parfumeurs. (See Sommer, Isidor L.)
Lowenstein, M., & Sons Inc., New York, N. Y. Cotton piece goods. 227,239; Mar. 30.
Lucas, Dr. William H., New York, N. Y. Medicine in ampule form for intravenous treatment for cancer and like diseases. 225,097; Mar. 30.
Lucido Brothers Grocery Co., Granite City, Ill. Canned fruits and vegetables, vinegar, olives, etc. 226,668; Mar. 30.
Lucky Star Mfg. Co., Cincinnati, Ohio. Perfumes. 225,438; Mar. 30.
Malt Products Company. (See Milgram, Nathan.)
Massolt Bottling Co., The, Minneapolis, Minn. Nonalcoholic, noncereal, maltless drinks and sirups for making the same. 225,792; Mar. 30.
Midwest Paper Company, Chicago, Ill. Bond paper. 226,070; Mar. 30.
Milgram, Nathan, doing business as Malt Products Company, Kansas City, Mo. Malt sirup for food purposes. 227,195; Mar. 30.
Mincer, Arthur, New York, N. Y. Ladies', misses', and juniors' coats and dresses. 227,527; Mar. 30.
Moon, C. R., La Crosse, Wis. Photoprints. 214,736; Mar. 30.
Moore, William, Kansas City, Mo. Preparation for use in the treatment of the scalp and to promote the growth of the hair. 227,196; Mar. 30.
Morici, Antonio, Co., Chicago, Ill. Loose, canned, and packed macaroni of all shapes. 226,035; Mar. 30.
Mortimer, Celia I., Crystal Springs, Miss. Newspaper articles. 223,535; Mar. 30, 1926.
Munts-Wright Company. (See Rauschenberg, Carl H., assignor.)
Music Master Corporation, Philadelphia, Pa. Radiotubes. 226,887–8; Mar. 30.
Nash Coffee Company, Minneapolis, Minn. Coffee. 226,363; Mar. 30.
National Candy Company, St. Louis, Mo. Candy. 226,670; Mar. 30.
National Laborntories, Incorporated, Los Angeles, Calif. Medicinal preparations and medicinal preparations in capsule form. 225,839–40; Mar. 30.
National Sanding Machine Company, Chicago, Ill. Sandpaper. 208,670; Mar. 30.
Nelson, Henry S., San Francisco, Calif. Painters' brushes. 225,617; Mar. 30.
New Eve Publishing Company, Incorporated, The, New York, N. Y. Magazines issued monthly. 225,376; Mar. 30.
New Washington Hatchery Co., The, New Washington, Ohio. Baby chicks. 206,265; Mar. 30.
Nippon Dry Goods Company, San Francisco, Calif. Incense. 226,072; Mar. 30.
North Whittier Heights Citrus Association, Puente, Calif. Fresh oranges, lemons, and grapefruit. 225,132–4; Mar. 30.
Northern Jobbing Co., Chicago, Ill. Canned fruits and vegetables. 221,561; Mar. 30.
Otis Elevator Company, Jersey City, N. J., and New York, N. Y. Escalators, endless carries, ammunition hoists, etc., and parts thereof. 228,483; Mar. 30.
P. T. Supply Company. (See Blum, J.)
Paf Manufacturing Company, Inc., St. Louis, Mo. Spark plugs. 225,618; Mar. 30.
Parfumerie St. Denis, New York, N. Y. Face powders, creams, packs, toilet waters, etc. 222,993; Mar. 30.
Par Vell Laboratories, Columbus, Ohio. Drawing, tracing, vellum, and parchment paper. 227,597; Mar. 30.
Paas & Seymour, Incorporated, Solvay, N. Y. Electric sockets, fixture parts, ceiling buttons, push buttons etc. 224,107; Mar. 30.
Patent Novelty Company, Fulton, Ill. Combined clothes lines and reels. 221,635; Mar. 30.
Paterson, Louise E., doing business as Sat-Ten Products Company, Wellesley, Mass. Chocolate sauce. 208,719; Mar. 30.
Paxton and Gallagher Co., Omaha, Nebr. Pancake flour 216,558; Mar. 30.
Peckham-Foreman Inc., New York, N. Y. Knit jackets, sweaters, coats, etc. 224,927; Mar. 30.
Penn Leather Company, Philadelphia, Pa. Hides, skins, leather, etc. 226,784; Mar. 30.

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Penn Leather Company, Philadelphia, Pa. Hides, skins, leather, etc. 226,861; Mar. 30.
Peters, Henry W., doing business as H. W. Peters Co., Boston, Mass. Finger rings and breastpins. 206,858; Mar. 30.
Pezze, Luigi, M. D., Jersey City, N. J. Medicine in the nature of an antiseptic. 226,207; Mar. 30.
Phelps Tire & Rubber Company, Garfield, N. J. Automobile tires and inner tubes. 225,574; Mar. 30.
Philadelphia Storage Battery Co., Philadelphia, Pa. Electrolytic rectifiers and condensers. 225,276; Mar. 30.
Pierce-Arrow Motor Car Company, The, Buffalo, N. Y. Thermostatic heat-regulating devices. 222,798; Mar. 30.
Pierce, S. S., Co., Boston, Mass. Perfumes, toilet water, bath powder, etc. 226,440; Mar. 30.
Powell's, New York, N. Y. Candies. 224,723; Mar. 30.
Powhatan Mining Company, The, Cleveland, Ohio. Coal, carbonized fuel, and coke. 226,864; Mar. 30.
Precision Liquid-Dispenser Company, Minneapolis, Minn. Self-measuring liquid-dispensing valves, cream dispensers, etc. 225,676; Mar. 30.
Procter & Gamble Company, The, Cincinnati, Ohio. Soap. 226,915; Mar. 30.
Progressive Musical Instrument Corporation, New York, N. Y. Ukuleles and banjo ukuleles. 223,330; Mar. 30.
Pulv-Ora Co. (See Witt, Abram R.)
Rabin, Benjamin J., doing business as Robin Packing Co., New York, N. Y. Cheese. 224,360; Mar. 30.
Radiant Co., The, Omaha, Nebr. Metal and glass polish. 221,205; Mar. 30.
Radiant Mills Company, The, Elyria, Ohio. Hosiery. 219,348; Mar. 30.
Rauschenberg, Carl H., assignor to Muntz-Wright Company, Greenville, Pa. Radio receiving sets and parts thereof. 225,446; Mar. 30.
Reliance Picture Frame Co., Inc., New York, N. Y. Picture frames and mirror frames. 225,380; Mar. 30.
Reo Motor Car Company, Lansing, Mich. Automobile engines. 222,190; Mar. 30.
Reynolds Spring Company, Jackson, Mich. Straight two-way plugs, angle two-way plugs, straight three-way convenience outlets, etc. 222,479–80; Mar. 30.
Reynolds Spring Company, Jackson, Mich. Straight two-way plugs, angle two-way plugs, straight three-way convenience outlets, etc. 222,482; Mar. 30.
Rianhard, Elizabeth L., doing business as Glo-jewl Company, Baltimore, Md. Jewel-cleaning sets. 222,280; Mar. 30.
Riverside Fibre & Paper Company, Appleton, Wis. Writing and printing papers, bristol board, blank books, etc. 220,363; Mar. 30.
Robin Packing Co. (See Rabin, Benjamin J.)
Roice Tube Co. (See Chiris, Ben.)
Roseth Corporation, The, Brooklyn, N. Y. Paper garment bags. 225,678–9; Mar. 30.
Royal Mix Company. (See Fonyo, Aladar.)
Rubinton, Samuel, Brooklyn, N. Y. Fur skins. 207,951; Mar. 30.
Ruby, Joseph F., Naugatuck, Conn. Candy. 226,166; Mar. 30.
Russell-Miller Milling Co., Minneapolis, Minn. Wheat flour. 212,643; Mar. 30.
Samstag & Hilder Bros., Inc., New York, N. Y. Sanitary aprons. 227,423; Mar. 30.
Samuels, M., & Co., Inc., Baltimore, Md. Hosiery. 226,741; Mar. 30.
Sanitary Scale Company, Chicago, Ill. Weighing scales. 225,980; Mar. 30.
Sat-Ten Products Company. (See Paterson, Louise E.)
Schenley Products Company, Jersey City, N. J., and Louisville, Ky. Grain alcohol (nonbeverage). 212,298; Mar. 30.
Schuylkill Valley Mills, Inc., Spring City, Pa. Hosiery. 220,364; Mar. 30.
Sears, Roebuck and Co., Chicago, Ill. Oil stoves, oil burners, and wicks. 225,981; Mar. 30.
Sexton Mfg. Co., Fairfield, Ill. Union suits, drawers, nightshirts, and pyjamas made of woven textiles. 224,678; Mar. 30.
Shelmore Oyster Products Company, doing business as H. G. Leiding Co. as sole agents, Charleston, S. C. Canned oysters and vegetables. 225,244–5; Mar. 30.
Shenandoah Milling Company, Incorporated, Shenandoah, Va. Self-rising and plain wheat flour. 220,425; Mar. 30.
Sidebotham, John, Frankford, Pa. Woven tape. 207,530; Mar. 30.
Singer Paper Products Co. Not Inc., Chicago, Ill. Toy houses, garages, gasoline service stations, drug stores, etc. 225,682; Mar. 30.
Societe Anonyme Etablissements Antoine Chiris, Compagnie Des Produits Aromatiques, Chimiques et Medicinaux, Paris, France. Essential oils for the production of perfumes and flavoring materials and for industrial and technical use. 227,142; Mar. 30.
Societe Anonyme Rodier, Paris, France. Piece goods of wool, cotton, and silk and mixtures of the same. 225,146; Mar. 30.
Societe La France Toilet Goods Co., Inc., New York, N. Y. Perfumes, toilet waters, talcum, rouges, etc. 226,447; Mar. 30.
Société Maunoury & Cie., Paris, France. Game of Chinese domino. 226,567; Mar. 30.
Sommer, Isidor L., doing business as Lon Jourè Parfumeurs, Brooklyn, N. Y. Face powders, creams, packs, toilet waters, etc. 226,744; Mar. 30.
Southern Idaho Bean Growers Association, Twin Falls, Idaho. Fresh beans. 225,621; Mar. 30.
Spalding, A. G., & Bros., New York, N. Y. Aviation apparel. 222,485; Mar. 30.
Spectro-Chrome Institute (Incorporated), Malaga, N. J. Apparatus for registering the color-wave value or radioactive and radioemanative value of the human body and the like. 221,982; Mar. 30.
Standard Oil Company (New Jersey), Bayonne, N. J. Oils made from petroleum and lubricating greases. 227,200; Mar. 30.
Star Canning Co., Lindale, Tex. Canned vegetables and berries. 226,693; Mar. 30.
Stephenson, Andrew C., doing business as Calo Remedy Company, Franklin, Ind. Medicine for the removal of corns, bunions, and calli. 225,246; Mar. 30.
Sterilwash Machine Company, Hamilton, Ohio. Machines for cleaning dishes, glasses, silver, and the like. 222,884; Mar. 30.
Stevens Paper Mills, Inc., The, Windsor, Conn. Composition board and/or paper composed of various materials pressed into shape for the purpose of electrical insulation. 224,435; Mar. 30.
Stewart, Dan W., Jacksonville, Fla. Soluble hot-bath preparations for treating rheumatism, itches, etc. 225,815; Mar. 30.
Stewart, Frank H., Electric Co., Philadelphia, Pa. Electrically-operated vacuum cleaners. 217,741; Mar. 30.
Stewart-Warner Speedometer Corporation, Chicago, Ill. Detector and amplifier tubes for radio receiving apparatus. 225,207; Mar. 30.
Stone, Samuel, doing business as Home Rule Products Company, Cleveland, Ohio. Malt sirup for food purposes. 219,918; Mar. 30.
Stover Manufacturing & Engine Co., Freeport, Ill. Stove dampers and spindles therefor. 226,213; Mar. 30.
Straitline Radio Corporation, New York, N. Y. Assembled radio receiving apparatus or sets and parts thereof. 222,716; Mar. 30.
Street, George W., doing business as Gar Specialty Co., Detroit, Mich. Preparation for the treatment of gas on the stomach and dyspepsia relief. 227,251; Mar. 30.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y. Assembled radio receiving sets. 224,210; Mar. 30.
Superior Hard Rubber Company, Inc., Butler, N. J. Cigarette and cigar holders. 212,579; Mar. 30.
Sutter Co-operative Growers, San Francisco, Calif. Canned fruits and vegetables. 220,688; Mar. 30.
Swan, David, doing business as Velvo Mfg. Co., Los Angeles, Calif. Powdered or granular composition to be used in producing desserts or like edible confections. 216,998; Mar. 30.
Swift and Company, Chicago, Ill. Stock feed. 223,609; Mar. 30.
Swords Electric Company, Rockford, Ill. Vacuum cleaners and attachments therefor. 220,927; Mar. 30.
Tavanagh Weaving Company Limited. (See Anderson, Francis, assignor.)
Tennison, J. M., doing business as Tennison Bros., Texarkana, Ark. Galvanized laundry tubs. 224,843; Mar. 30.
Texas Cement Plaster Co., Plasterco, Tex., and Oklahoma City, Okla. Partition tiles. 223,001; Mar. 30.
Thornton, Edward G., Milford, Va. Fertilizers. 224,844; Mar. 30.
Three Feathers Malt Extract Co. (See Gugenheim, Max M.)
Tump, Paul, Milwauke, Wis. Cleaner and cleaner powder. 226,178; Mar. 30.
Ulich, H. P., & Co., New York, N. Y. Necktie boxes and display cards. 226,926; Mar. 30.
Union Tank & Pipe Co., Los Angeles, Calif. Construction materials. 226,699; Mar. 30.
United Electric Company, The, Canton, Ohio. Electrically-operated vacuum cleaners. 201,910; Mar. 30.
United Radio & Electric Corporation, Newark, N. J. Radio vacuum tubes. 226,746; Mar. 30.
United Radio & Electric Corporation, Newark, N. J. Radio vacuum tubes. 226,747–8; Mar. 30.
U. S. Line Company. (See United States Whip Company.)
United States Whip Company, doing business as U. S. Line Company, Westfield, Mass. Fishing lines. 226,577; Mar. 30.
Unity Beverage Company, Chicago, Ill. Malt sirup for beverage purposes. 226,266; Mar. 30.
Universal Crepe & Tissue Mills, Inc., New York, N. Y. Toilet paper. 227,699; Mar. 30.
Universal Gypsum Company, Chicago, Ill. Wood-fibered plaster. 204,735; Mar. 30.

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Universal Gypsum Company, Chicago, Ill. Nufibered plaster. 204,736; Mar. 30.
Universal Gypsum Company, Chicago, Ill. Finishing plaster. 204,737; Mar. 30.
Universal Gypsum Company, Chicago, Ill. Finishing lime. 204,738; Mar. 30.
Usines Allumettières Des Flanders Societe Anonyme, Brussels, Belgium. Matches. 224,215; Mar. 30.
Usines Allumettières Des Flanders Societe Anonyme, Brussels, Belgium. Matches. 224,218–19; Mar. 30.
Van Camp Hardware & Iron Company, doing business as The Van Camp Company, Indianapolis, Ind. Lacquers. 226,455; Mar. 30.
Velvo Mfg. Co. (See Swan, David.)
Victor Manufacturing & Gasket Co., Chicago, Ill. Gaskets. 225,987; Mar. 30.
Victor X-Ray Corporation, Chicago, Ill. Dark-room and fluoroscopic chemicals, radioactive clay. 222,648; Mar. 30.
Victor X-Ray Corporation, Chicago, Ill. X-ray tubes, X-ray equipment, and X-ray oil-immersed apparatus. 226,929; Mar. 30.
Virginia Smelting Company, Portland, Me. Liquid sulphur dioxide. 226,316; Mar. 30.
Voloshen Chemical Corporation, Brooklyn, N. Y. Indigestion compound. 224,368; Mar. 30.
Vories Baking Company, New Orleans, La. Fruit cake. 225,291; Mar. 30.
Wash Chemical Co., Inc., Silver Spring, Md. Soluble powder adapted to be dissolved in water used for general household cleaning purposes. 225,538; Mar. 30.
Webb Fuel Company, The, Cincinnati, Ohio. Coal. 226,030; Mar. 30.
Weidlich Bros. M'f'g Co., The, Bridgeport, Conn. Silverware. 225,293; Mar. 30.
Westerly Textile Company, The, Westerly, R. I. Textile piece goods of cotton and also of a mixture of cotton and artificial silk, draperies, and dress goods. 201,634; Mar. 30.
Western Sausage & Prov. Co., Inc., New York, N. Y. Salami and sausage. 224,488; Mar. 30.
Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum tubes. 204,986–7; Mar. 30.
Whiston, William E., Buffalo, N. Y. Preparation for removing carbon from cylinders and valves of internal-combustion engines. 218,677; Mar. 30.
White, H. C., Company, North Bennington, Vt. Baby walkers. 226,522; Mar. 30.
White, H. C., Company, North Bennington, Vt. Pull toy. 226,523; Mar. 30.
Whiteley & Foedisch, New York, N. Y. Coke. 225,294; Mar. 30.
Whiting, John L., J. Adams Company, Boston, Mass. Brushes. 226,403; Mar. 30.
Wilson Coffee Company, Fort Smith, Ark. Coffee. 226,320; Mar. 30.
Winterbottom Book Cloth Company Limited, The, Manchester, England. Tracing cloth. 224,064; Mar. 30.
Witt, Abram R., doing business as Pulv-Ora Co., New York, N. Y. Antiseptic and analgesic dry dressing. 227,211; Mar. 30.
Wolfe, Charles W., New York, N. Y. Men's coats and suits. 227,618; Mar. 30.
Wolverine Brass Works, Grand Rapids, Wis. Pipe-joint cement. 223,151; Mar. 30.
Yvette Co., New York, N. Y. Cosmetic lotions, ointments, and polishes. 223,452; Mar. 30.
Zimmerman, John H., doing business as The Zimmerman Co. and Zimmerman Furniture Co., Sioux City, Iowa. Library, gate-leg, etc., tables, chairs, bed springs, kitchen cabinets, etc. 220,006; Mar. 30.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Boxes made from sheets of wood. Venesta Limited. 48,023; renewed Dec. 5, 1925.
Leather, Sole and harness. M. Hessberg. 50,972; renewed Apr. 3, 1926.
Seed, Grass and field. L. Teweles. 54,585; renewed June 26, 1926.

CLASS 2.

Paper, paper bags, and paper sacks, Wrapping. Hollingsworth & Whitney Co. 53,222–3; renewed May 29, 1926.
Paper, paper bags, and paper sacks, Wrapping. Hollingsworth & Whitney Co. 53,343; renewed May 29, 1926.
Paper, paper bags, and paper sacks, Wrapping. Hollingsworth & Whitney Co. 53,384–5; renewed June 5, 1926.

CLASS 3.

Horse and mule shoes. Phoenix Horse Shoe Co. 53,986; renewed June 19, 1926.

CLASS 4.

Abrading materials and tools. Pike Manufacturing Company. 49,396; renewed Feb. 6, 1926.
Dressing, Leather. Alfred Andresen & Co. 54,092; renewed June 19, 1926.
Polish, Shoe. U. S. Shoe Products Company. 211,052; Mar. 30.

CLASS 6.

Acid material to be used in making leavening agents. Calumet Baking Powder Co. 210,951; Mar. 30; Serial No. 223,212; published Jan. 12, 1926.
Antiseptic cones and powder, beef, iron, and wine, blackberry balsam, etc. Brunswig Drug Company. 211,032; Mar. 30; Serial No. 197,923; published Dec. 22, 1925.
Bluing, Laundry. Russ Company. 50,103; renewed Mar. 6, 1926.
Candy, Electuary. A. Goldknopf. 210,965; Mar. 30; Serial No. 222,452; published Jan. 5, 1926.
Chemical composition. Pablo Calvet & Co. 211,055; Mar. 30.
Chemical composition for use in the purification of water. Aluminum Company of America. 211,041; Mar. 30; Serial No. 224,816; published Jan. 12, 1926.
Chemical compound for scale preventing and removing compound from boilers. American Turpentine Company. 211,031; Mar. 30; Serial No. 206,146; published Jan. 12, 1926.
Cold-cream-impregnated tissue. Freshie Co. 210,969; Mar. 30; Serial No. 222,606; published Jan. 5, 1926.
Cosmetics. "Proka" Parfümerie- und Seifenfabriks A. G. 210,987; Mar. 30; Serial No. 220,037; published Jan. 5, 1926.
Cosmetics, pastes, powders, and toilet preparations. Parfumerie Roger et Gallet. 211,042; Mar. 30; Serial No. 224,262; published Jan. 12, 1926.
Cough sedative and expectorant. Winthrop Chemical Company. 210,956; Mar. 30; Serial No. 223,266; published Jan. 5, 1926.
Fluxes for soldering metals. Actien-Gesellschaft für Anilin-Fabrikation. 211,001; Mar. 30; Serial No. 223,676; published Jan. 5, 1926.
Foot powder. C. M. Paulson. 211,027; Mar. 30; Serial No. 220,797; published Jan. 12, 1926.
Germicides, Vegetable. J. Hubbard & Co. 51,351; renewed Apr. 10, 1926.
Liniment, Oil. Merchants Gargling Oil Company. 54,977; renewed Aug. 7, 1926.
Liquid for treating the hair, toilet waters, hair dyes, etc. P. Westphal. 210,944; Mar. 10; Serial No. 223,349; published Jan. 5, 1926.
Lotion for the treatment of piles. M. & H. Hoffman. 210,933; Mar. 30; Serial No. 221,318; published Jan. 12, 1926.
Lotion, Toilet. M. E. Waite. 52,256; renewed May 1, 1926.
Medical and pharmaceutical products. I. M. Co. 210,967; Mar. 30; Serial No. 221,424; published Jan. 12, 1926.
Medical preparations. Doctor Blosser Company. 54,056; renewed June 19, 1926.
Medicated chewing gum. Geneva Chemical Corporation. 210,955; Mar. 30; Serial No. 223,295; published Jan. 12, 1926.
Medicinal preparation for the treatment of coughs, colds, catarrh, etc. C. Karkie. 210,974; Mar. 30; Serial No. 224,141; published Jan. 5, 1926.
Medicine. Blud Life Company. 210,926; Mar. 30; Serial No. 221,942; published Dec. 29, 1925.
Medicine. W. W. Gavitt Medical Co. 51,253; renewed Apr. 10, 1926.
Medicine for the treatment of syphilis, etc. J. O. Peavy. 210,950; Mar. 30; Serial No. 223,102; published Jan. 12, 1926.
Medicines, Dog. W. E. Simpson. 210,961; Mar. 30; Serial No. 222,846; published Jan. 5, 1926.
Medicines, Laxative. S. B. Hartman. 50,786; renewed Mar. 27, 1926.
Medicines, Tonic. S. B. Hartman. 48,440; renewed Dec. 26, 1926.
Mineral waters. Venecin A. G. für Chemische Produkte. 211,019; Mar. 30; Serial No. 195,726; published Jan. 12, 1926.
Ointment for eczema. L. Quinlan. 211,089; Mar. 30; Serial No. 213,102; published Sept. 15, 1925.
Ointment for inflammations, congestion of the respiratory organs, etc., Liquid. J. F. Kotrich. 210,945; Mar. 30; Serial No. 222,510; published Jan. 5, 1926.
Pepsin and other medicines, Formula containing. E. M. Morton. 210,988; Mar. 30; Serial No. 219,979; published Jan. 5, 1926.

Perfumes and essential oils for the production of perfumes. M. Naef & Cie. 210,907; Mar. 30; Serial No. 221,446; published Jan. 12, 1926.
Perfumes and essential oils for the production of perfumes. M. Naef & Cie. 210,910–20; Mar. 30; Serial Nos. 221,434–45; published Jan. 12, 1926.
Perfumes and essential oils for the production of perfumes. M. Naef & Cie. 210,922; Mar. 30; Serial No. 221,441; published Jan. 12, 1926.
Perfumes and essential oils for the production of perfumes. M. Naef & Cie. 210,968; Mar. 30; Serial No. 221,431; published Jan. 12, 1926.
Perfumes and essential oils for the production of perfumes. M. Naef & Cie. 210,971–2; Mar. 30; Serial Nos. 221,432–3; published Jan. 12, 1926.
Perfumes and hygienic products. Société Worth. 211,036; Mar. 30; Serial No. 196,980; published Mar. 31, 1925.
Perfumes and hygienic products. Société Worth. 211,038; Mar. 30; Serial No. 196,976; published Mar. 31, 1925.
Perfumes, toilet waters, lip rouges, shampoos, etc. C. J. Kallile. 210,936; Mar. 30; Serial No. 222,464; published Jan. 5, 1926.
Plasters, Medicinal. J. M. Grosvenor & Co. 51,989; renewed May 1, 1926.
Plasters, Medicinal. J. M. Grosvenor & Co. 52,140; renewed May 1, 1926.
Plasters, Medicinal. J. Ellwood Lee Company. 54,712; renewed June 26, 1926.
Powder, Face. La Salle Company. 210,970; Mar. 30; Serial No. 222,618; published Jan. 5, 1926.
Powders, face creams, perfumes, rouges, etc., Face. Heather Company. 211,026; Mar. 30; Serial No. 187,421; published Jan. 12, 1926.
Preparation for acute, relaxed, and disturbed conditions of the stomach and bowels. Dr. Peter Fahrney & Sons Co. 210,993–8; Mar. 30; Serial Nos. 218,904–9; published Jan. 5, 1926.
Preparation for acute, relaxed, and disturbed conditions of the stomach and bowels. Dr. Peter Fahrney & Sons Co. 210,999; Mar. 30; Serial No. 218,902; published Jan. 5, 1926.
Preparation for acute, relaxed, and disturbed conditions of the stomach and bowels. Dr. Peter Fahrney & Sons Co. 211,021; Mar. 30; Serial No. 218,903; published Jan. 5, 1926.
Preparation for the treatment of catarrh and ailments of the respiratory and other organs. W. Schlereth. 210,980; Mar. 30; Serial No. 223,974; published Jan. 5, 1926.
Remedies. M. Gebauer. 52,418; renewed May 8, 1926.
Remedy for skin diseases. J. P. Morris. 54,607; renewed June 26, 1926.
Salt. C. C. Andrews. 28,225; renewed May 5, 1926.
Salts, Nickel. Hanson & Van Winkle Co. 51,930; renewed Apr. 24, 1926.
Salve. A. F. Herchelroth. 210,973; Mar. 30; Serial No. 222,614; published Jan. 5, 1926.
Salve, Pile. R. E. Elks, jr. 211,028; Mar. 30; Serial No. 218,108; published Jan. 5, 1926.
Soldering solution. Ra-Dx Co. 211,025; Mar. 30; Serial No. 206,084; published Jan. 5, 1926.
Tonic and sedative. Uterine. Eli Lilly & Company. 49,545; renewed Feb. 6, 1926.

CLASS 8.

Tobacco pouches. N. Statham. 210,909; Mar. 30; Serial No. 221,722; published Jan. 12, 1926.

CLASS 9.

Revolvers and parts thereof. J. L. Galef. 211,070; Mar. 30.

CLASS 12.

Felt, Waterproofing. Hydrex Felt & Engineering Co. 49,378; renewed Feb. 6, 1926.

CLASS 13.

Chain and parts. Link-Belt Company. 211,040; Mar. 30; Serial No. 217,472; published Dec. 29, 1925.

CLASS 15.

Oils and greases, Lubricating. Sherwood Bros. Inc. 211,064; Mar. 30.

CLASS 16.

Paints, Bronze-green. John Briggs & Co. 51,278; renewed Apr. 10, 1926.
Varnishes. American Varnish Co. 49,961; renewed Feb. 27, 1926.

CLASS 17.

Cigars. American Cigar Company. 52,314; renewed May 8, 1926.
Tobacco, Chewing and smoking. Smith & Scott Tobacco Co. 54,532; renewed June 26, 1926.
Tobacco, Smoking and chewing. Hoffman & Co. 49,377; renewed Feb. 6, 1926.

CLASS 19.

Rims for vehicle wheels, Metallic. Clincher Automobile Tire Manufacturers Association. 52,293; renewed May 8, 1926.
Wagons. Weber Wagon Company. 50,843; renewed Apr. 3, 1926.

CLASS 22.

Baseballs and playground balls, Indoor. George Young and Company. 211,062; Mar. 30.
Pads for athletic purposes. P. Bauerle, jr. 211,049; Mar. 30.

CLASS 23.

Choppers, Food. Great Northern Mfg. Co. 210,046; Mar. 30.
Files. Carver File Company. 49,706; renewed Feb. 13, 1926.
Files and rasps. Carver File Company. 50,089; renewed Mar. 6, 1926.
Files and rasps. Carver File Company. 50,538; renewed Mar. 20, 1926.
Files and rasps. Carver File Company 54,129; renewed June 19, 1926.
Files and rasps and handles and holders therefor. Nicholson File Company. 50,881; renewed Apr. 3, 1926.
Mills. Cleveland Twist Drill Company. 53,540; renewed June 5, 1926.
Needles, Machine. Union Special Machine Company. 54,759; renewed June 26, 1926.
Picks. L. S. Christopher. 211,069; Mar. 30.
Plows. Parlin & Orendorff Co. 50,593; renewed Mar. 27, 1926.
Plows. Parlin & Orendorff Co. 51,663; renewed Apr. 17, 1926.
Plows. Parlin & Orendorff Co. 54,313; renewed June 26, 1926.
Plowshares. Crescent Forge & Shovel Co. 211,047; Mar. 30.
Tools and tool holders. Cleveland Twist Drill Company. 53,720; renewed June 12, 1926.

CLASS 27.

Watches. Elgin National Watch Company. 50,966; renewed Apr. 3, 1926.

CLASS 28.

Silver-plated flatware, hollow ware, and tableware. Wm. A. Rogers Limited. 48,492; renewed Jan. 2, 1926.

CLASS 31.

Filter disks made of paper. Kimberly-Clark Company. 210,959; Mar. 30; Serial No. 222,127; published Jan. 12, 1926.

CLASS 32.

Cases or containers for radio receiving sets. Jewett Radio & Phonograph Company. 211,072; Mar. 30.
Display racks. J. H. Best. 53,161; renewed May 29, 1926.

CLASS 33.

Glassware. Société Anonyme des Verreries Lorraines. 210,927–9; Mar. 30; Serial Nos. 224,161–3; published Jan. 12, 1926.

CLASS 35.

Brake lining and clutch facings, valve-stem packing, felt washers, etc. National Automotive Parts Association. 211,037; Mar. 30; Serial No. 218,886; published Dec. 22, 1925.

CLASS 36.

Pianos. Decker & Sons. 52,974; renewed May 22, 1926.

CLASS 37.

Paper clips. Collette Manufacturing Co. 211,058; Mar. 30.
Paper, Textile wrapping. Baxter Paper Corporation. 211,050; Mar. 30.
Paper, Toilet. J. M. Mazer. 211,060; Mar. 30.
Paper, Toilet. Scott Paper Co. 53,377; renewed June 5, 1926.

CLASS 38.

Periodicals. Good Housekeeping Co. 46,028; renewed Sept. 5, 1925.

CLASS 39.

Abdominal bands, aprons, baby buntings, bands, bibs, etc. G. J. Allen. 211,035; Mar. 30; Serial No. 204,848; published Jan. 5, 1926.
Bloomers, Ladies'. Meyer Mayers, Inc. 210,937; Mar. 30; Serial No. 224,198; published Jan. 12, 1926.
Coats and dresses, Women's. Jane Stuart, Inc. 211,053; Mar. 30.
Coats, Men's. Richman, Newburger & Travers. 211,056; Mar. 30.
Coats, suits, dresses, capes, and wraps for misses and juniors. Hecht & Berman. 211,033; Mar. 30; Serial No. 209,406; published Jan. 5, 1926.
Coats, vests, pantaloons, etc. Perry & Company. 210,977; Mar. 30; Serial No. 224,042; published Jan. 12, 1926.
Coats, vests, trousers, and overcoats, Men's. The Hub. 210,957; Mar. 30; Serial No. 223,299; published Jan. 5, 1926.
Coats, vests, trousers, and overcoats, Men's. S. H. Kessler & Sons, Inc. 210,952; Mar. 30; Serial No. 223,121; published Jan. 12, 1926.

Collars and shirts. Hall, Hartwell & Co. 211,018; Mar. 30; Serial No. 209,917; published Jan. 5, 1926.
Dresses. Knickerbocker Dresses Inc. 210,938; Mar. 30; Serial No. 223,790; published Jan. 12, 1926.
Dresses. Lindner Co'y. 211,007; Mar. 30; Serial No. 223,480; published Jan. 5, 1926.
Dresses, skirts, waists, aprons, hats, etc. Chicago Mail Order Company. 210,931; Mar. 30; Serial No. 221,878; published Jan. 5, 1926.
Heels and soles, Rubber. Massachusetts Chemical Company. 49,159; renewed Jan. 28, 1926.
Hose, underwear, corsets, jabots, negligees, etc. Martins, Inc. 211,068; Mar. 30.
Hosiery. Abraham & Straus, Inc. 211,061; Mar. 30.
Hosiery. Bear Brand Hosiery Co. 210,939; Mar. 30; Serial No. 223,762; published Jan. 12, 1926.
Hosiery. C. F. Berg. 211,008; Mar. 30; Serial No. 223,458; published Jan. 5, 1926.
Hosiery. Shoaf-Sink Hosiery Mill Company. 211,009; Mar. 30; Serial No. 223,417; published Jan. 5, 1926.
Hosiery. Smith, Kirkpatrick & Co. 210,940; Mar. 30; Serial No. 223,746; published Jan. 5, 1926.
Hosiery. Unfried Barkhorn Co. 210,942; Mar. 30; Serial No. 223,826; published Jan. 12, 1926.
Hosiery. Wayne Knitting Mills. 54,649; renewed June 26, 1926.
Hosiery, Men's. Associated Merchandising Corporation. 210,981; Mar. 30; Serial No. 223,952; published Jan. 12, 1926.
Middies, gymnasium bloomers, jackets, nightgowns, etc. H. W. Lawson Mfg. Co. 211,067; Mar. 30.
Neckties and cravats, Men's. Vorzimer, Suskind Co. 210,960; Mar. 30; Serial No. 222,420; published Jan. 12, 1926.
Overalls and work pants. A. Bruns Sons & Co. 211,000; Mar. 30; Serial No. 223,683; published Jan. 5, 1926.
Overalls, jumpers, pants, work and dress shirts. Hall Dry Goods Co. 210,975; Mar. 30; Serial No. 224,089; published Jan. 12, 1926.
Pants, Rubber sanitary baby. Red Raven Rubber Company. 211,065; Mar. 30.
Shirts and blouses. S. Stiugel. 210,962; Mar. 30; Serial No. 222,004; published Dec. 22, 1925.
Shirts and negligee shirts, Dress. Columbus Shirt Company. 55,127; renewed Aug. 7, 1926.
Shirts, suits, pants, etc., Men's. D. M. Oberman Mfg. Co. 210,963; Mar. 30; Serial No. 222,086; published Jan. 12, 1926.
Suits and overcoats, including golf suits, etc., coats, vests, trousers. Oppenheimer & Gross. 210,946; Mar. 30; Serial No. 222,939; published Jan. 5, 1926.
Suits, Ladies', misses', and children's. Joseph Eckstein, Inc. 210,905; Mar. 30; Serial No. 221,728; published Jan. 12, 1926.
Suits, Men's. Hickey-Freeman Co. 211,005; Mar. 30; Serial No. 223,580; published Jan. 5, 1926.
Suits, topcoats, and overcoats. Sherman Bros. 210,948; Mar. 30; Serial No. 223,808; published Jan. 12, 1926.
Sweaters. Magnus Imports, Ltd. 211,010; Mar. 30; Serial No. 223,397; published Jan. 5, 1926.
Underwear. Panelon Underwear Company. 210,941; Mar. 30; Serial No. 223,739; published Jan. 5, 1926.
Underwear, Ladies'. Mayfield Undergarment Co. 211,044; Mar. 30.
Underwear, lingerie, dresses, and suits for women, Knitted and textile. Wyant Way Inc. 210,930; Mar. 30; Serial No. 221,865; published Jan. 5, 1926.
Underwear, sweaters, and hosiery. F. Wenig. 211,066; Mar. 30.

CLASS 40.

Embroideries. Silk. Lion Bros. Co. 54,903; renewed July 31, 1926.

CLASS 41.

Canes, umbrellas, and parasols. Handles and ferrules of. Bakelite Corporation. 211,043; Mar. 30; Serial No. 222,156; published Feb. 2, 1926.
Umbrellas with cases therefor. Polan, Katz & Company. 210,934; Mar. 30; Serial No. 221,375; published Jan. 5, 1926.

CLASS 42.

Cotton, linen, silk and mixtures of the same, all in the piece. Jacob Miller's Sons Co. 210,954; Mar. 30; Serial No. 223,248; published Jan. 12, 1926.
Cotton piece goods. Elms & Sellon, Inc. 211,012; Mar. 30; Serial No. 223,377; published Jan. 12, 1926.
Linen and artificial-silk goods in the piece, Combination of. Linrayn Corporation. 210,904; Mar. 30; Serial No. 223,309; published Jan. 12, 1926.
Linen goods. John S. Brown & Sons. 26,893; renewed Aug. 6, 1925.
Rugs, Textile. Monmouth Rug Mills Inc. 210,948; Mar. 30; Serial No. 223,047; published Jan. 12, 1926.
Sateen in piece goods. Wyman, Partridge & Co. 211,023; Mar. 30; Serial No. 205,043; published Jan. 12, 1926.
Sheets and pillowcases, Bed. Associated Merchandising Corporation. 211,004; Mar. 30; Serial No. 223,616; published Jan. 12, 1926.
Silk, cotton, etc., fabrics, Artificial. H. Ernstberger & Co. 211,002–3; Mar. 30; Serial Nos. 223,627–8; published Jan. 12, 1926.
Silk piece goods. J. A. Migel, Inc. 211,006; Mar. 30; Serial No. 223,532; published Jan. 12, 1926.
Umbrella cloth. Albert D. Smith & Co. 211,022; Mar. 30; Serial No. 218,875; published Jan. 12, 1926.
Woolen piece goods. Forstmann & Huffmann Company. 211,020; Mar. 30; Serial No. 196,382; published Jan. 12, 1926.

CLASS 43.

Thread. Union Thread Company. 211,071; Mar. 30.
Yarns and thread. Great Lakes Thread and Yarn Co. 210,953; Mar. 30; Serial No. 223,168; published Jan. 12, 1926.

CLASS 44.

Plaster, Adhesive. J. Ellwood Lee Company. 52,665; Renewed May 15, 1926.
Syringes, Hard-rubber. American Hard Rubber Co. 54,350; renewed June 26, 1926.
Syringes, Soft-rubber, bulb, and fountain. American Hard Rubber Co. 54,262; renewed June 26, 1926.

CLASS 46.

Asparagus. C. W. Kress. 210,964; Mar. 30; Serial No. 222,037; published Jan. 12, 1926.
Bread. H. S. Levy. 54,431; renewed June 26, 1926.
Cake, Fruit. Purity Bakeries Corporation. 211,057; Mar. 30.
Candies, Bar. Glaser Bros. 211,016; Mar. 30; Serial No. 212,247; published Jan. 12, 1926.
Candy. American Caramel Company. 210,947; Mar. 30; Serial No. 223,014; published Jan. 12, 1926.
Candy. Kibbe Brothers Company. 210,983; Mar. 30; Serial No. 220,541; published Jan. 12, 1926.
Candy and rock-candy sirups, Rock. Knickerbocker Chocolate Co. 53,463; renewed June 5, 1926.
Candy bars. Shotwell Mfg. Co. 210,984; Mar. 30; Serial No. 220,480; published Jan. 12, 1926.
Canned beans, corn, and peas. Antigo Canning Company. 210,985; Mar. 30; Serial No. 220,271; published Jan. 12, 1926.
Canned fish, macaroni, cocoa, tea, etc. McTighe Grocery Company. 211,051; Mar. 30.
Canned fruits and vegetables. Portland Packing Co. 49,671–3; renewed Feb. 13, 1926.
Canned fruits and vegetables, spices, dried beans, rice, etc. Lewis, Hubbard and Company. 211,013; Mar. 30; Serial No. 216,615; published Jan. 5, 1926.
Canned fruits, vegetables, and fish, dried vegetables, salt fish, tomato paste, and canned evaporated milk. H. M. Newhall & Co. 211,030; Mar. 30; Serial No. 207,311; published Jan. 5, 1926.
Canned peas and beans. Gillett Canning Company. 210,978; Mar. 30; Serial No. 224,013; published Jan. 12, 1926.
Canned salmon. P. E. Harris & Co 211,011; Mar 30; Serial No. 223,386; published Jan. 12, 1926.
Canned salmon. Elmer W. Smith Inc. 210,958; Mar. 30; Serial No. 221,212; published Jan. 12, 1926.
Canned salmon, peas, etc., evaporated fruits, corn meal, potted meat, etc. Fleming-Wilson Mercantile Co. 211,063; Mar. 30.
Canned vegetables and fruits, jams, coffee, etc. Charles Hewitt & Sons Company. 210,932; Mar. 10; Serial No. 221,256; published Jan. 5, 1926.
Cereal foods. American Cereal Company. 54,541; renewed June 26, 1926.
Cereal foods. American Cereal Company. 54,568; renewed June 26, 1926.
Cereal foods made from oats. American Cereal Company. 53,907–10; renewed June 12, 1926.
Cereal foods made from oats. American Cereal Company. 54,155; renewed June 19, 1926.
Cereal foods made from oats. American Cereal Company. 54,401; renewed June 26, 1926.
Chocolate and cocoa. Aktiengesellschaft Chocolat Tobler. 211,015; Mar. 30; Serial No. 217,845; published Jan. 12, 1926.
Chocolate and cocoa. Aktiengesellschaft Chocolat Tobler. 211,029; Mar. 30; Serial No. 217,846; published Jan. 12, 1926.
Chocolate, Eating and cooking. La Société Menier. 211,014; Mar. 30; Serial No. 217,403; published Jan. 12, 1926.
Cocoa, milk, and sugar, Evaporated mixture of. L. C. Nissle. 210,924; Mar. 30; Serial No. 221,024; published Jan. 5, 1926.
Coffee. F. J. Guyol. 210,923; Mar. 30; Serial No. 221,114; published Jan. 12, 1926.
Coffee. Ohio Valley Coffee Co. 210,921; Mar. 30; Serial No. 220,971; published Jan. 12, 1926.
Coffee. Schreiber Products Corporation. 211,059; Mar. 30.
Coffee, Roasted. C. Anderson. 211,024; Mar. 30; Serial No. 205,897; published Jan. 12, 1926.
Coffee, tea, and spices. Woolson Spice Company. 210,906; Mar. 30; Serial No. 221,794; published Jan. 5, 1926.
Extract, Malt. L. Siegel. 211,054; Mar. 30.
Flour, Wheat. Rea-Patterson Milling Company. 54,386–7; renewed June 26, 1926.
Flour, Wheat. Topeka Milling Company. 54,396; renewed June 26, 1926.
Flours and meals. American Cereal Company. 54,635; renewed June 26, 1926.
Food, rolled oats, and oatmeal, Breakfast. American Cereal Company. 52,765; renewed May 15, 1926.

Fruits, fresh vegetables, oranges, etc., Green and dried. Garcia & Maggini Co. 211,034; Mar. 30; Serial No. 199,748; published Jan. 12, 1926.
Grapes, Fresh. F. W. Brewster. 210,903; Mar. 30; Serial No. 222,557; published Jan. 12, 1926.
Ice cream, ices, and frozen custards. J. M. Horton Ice Cream Co. 51,969; renewed May 1, 1926.
Ice cream, sherbet, marshmallow, etc., Containers for. J. Denaro. 210,925; Mar. 30; Serial No. 221,000; published Dec. 15, 1925.
Jams, jellies, table sirups and honey, and fruit preserves. Bliss Syrup Refining Co. 210,935; Mar. 30; Serial No. 219,322; published Jan. 5, 1926.
Lettuce and chicory, Fresh. A. Arena & Co. 211,017; Mar. 30; Serial No. 211,773; published Jan. 12, 1926.
Milk, cream, cheese, and eggs. Wise Brothers. 210,908; Mar. 30; Serial No. 221,653; published Dec. 29, 1925.
Milk, Frozen malted. R. J. Tiedeman. 211,048; Mar. 30.
Oleomargarine. John F. Jelke Company. 211,045; Mar. 30.
Oranges and grapefruit, Fresh. Milne-O'Berry Packing Co. 210,949; Mar. 23; Serial No. 223,099; published Jan. 12, 1926.
Oranges, grapefruit, and tangerines. Arcadia Citrus Growers Association. 210,986; Mar. 30; Serial No. 220,104; published Jan. 12, 1926.
Oranges, grapefruit, and tangerines. Arcadia Citrus Growers Associations. 210,989; Mar. 30; Serial No. 219,930; published Jan. 12, 1926.
Oranges, lemons, and grapefruit. Fillmore Citrus Association. 210,979; Mar. 30; Serial No. 224,007; published Jan. 12, 1926.
Oranges, lemons, and grapefruit. Fillmore Citrus Association. 210,982; Mar. 30; Serial No. 224,006; published Jan. 12, 1926.
Oranges, lemons, and grapefruit. Piru Citrus Association. 210,976; Mar. 30; Serial No. 224,044; published Jan. 12, 1926.
Peanuts, Sugar-coated. N. P. Damianakes. 210,990; Mar. 30; Serial No. 219,530; published Jan. 12, 1926.
Sirup, Malt. G. Goldstein. 210,966; Mar. 30; Serial No. 221,416; published Jan. 5, 1926.
Tea. Hewlett & Lee. 51,792; renewed Apr. 24, 1926.
Tea. Hewlett & Lee. 51,816; renewed Apr. 24, 1926.
Toffee. John Farrah & Harrogate Toffee, Limited. 210,992; Mar. 30; Serial No. 219,066; published Jan. 12, 1926.
Toffee, ginger nuts, and chocolate. John Farrah & Harrogate Toffee, Limited. 210,991; Mar. 30; Serial No. 219,067; published Jan. 12, 1926.

CLASS 48.

Beer. Wacker & Birk Br'g & M'lt'g Co. 53,942; renewed June 12, 1926.

CLASS 49.

Whisky. Belmont Distillery Co. 48,677; renewed Jan. 9, 1926.

ALPHABETICAL LIST OF LABELS.

Aro Butter. For Butter. Menasha Printing and Carton Company. 30,125; Mar. 30.
B & S Brand. For Butter. Menasha Printing and Carton Company. 30,124; Mar. 30.
Big B'ar 5¢. For Candy. W. E. Humphrey Co. 30,119; Mar. 30.
Blossom Brand Choice Patent Rye Flour. For Flour. Standard Bakers Supply Co. 30,150; Mar. 30.
Bramhall. For Cigars. Pines Bros. 30,142; Mar. 30.
Chicago Made Cigars. For Cigars. A. C. Henschel. 30,117; Mar. 30.
Creamo. For Salad Dressing. High Grade Salad Co. 30,118; Mar. 30.
Dr. Scholl's Improved Bunion Spring. For an Appliance in the Relief and Correction of Hallux Valgus, Bunions, and Overlapping and Underlapping Great Toes. Scholl Mfg. Co. 30,146; Mar. 30.
Don Pedro. For Grapes. W. M. Nelson. 30,128; Mar. 30.
Every Wear—All Purpose Varnish. For Varnish. Newark Varnish Works, Inc. 30,129; Mar. 30.
French Blue. For French Bluing for the Hair. Ogilvie Sisters. 30,131; Mar. 30.
Freshie Towelettes. For Cold-Cream Tissue. Freshie Co. 30,113; Mar. 30.
Frisch Process. For Bread. E. Frisch. 30,115; Mar. 30.
Frisch Process #2. For Bread. E. Frisch. 30,114; Mar. 30.
Gloria Brand Choice Common Flour. For Flour. Standard Bakers' Supply Co. 30,149; Mar. 30.
Gold Prize. For Coffee. L. H. Frohman & Co. 30,116; Mar. 30.
Good Morning!—Have a Cup of Fig-Co. For a Coffee Substitute. California Health Food Co. 30,110; Mar. 30.
Henna Shampoo Powder. For Shampoo Powder. Ogilvie Sisters. 30,140; Mar. 30.
Hotsy Totsy. For Candy. Independent Candy & Manufacturing Company. 30,120; Mar. 30.
'Jewelers' Silver Cleaner. For a Silver Cleaner or Polish. C. N. Steele. 30,151; Mar. 30.
Johnston's Unusually Good Paint. For Paints. R. F. Johnston Paint Company. 30,122; Mar. 30.
Krispette. For Rye Cereal. Ry-Krisp Company. 30,145; Mar. 30.
Lax-A-Crax. For Crackers. Mountain City Mill Co. 30,127; Mar. 30.
Mineralife. For Medicinal Salts Used for Blood Purifier and Tonic. S. H. Jordan. 30,123; Mar. 30.
Monarch Teenie Weenie Peanut Butter. For Peanut Butter. Reid, Murdoch & Co. 30,143; Mar. 30.
Nance's French Salad Dressing. For Salad Dressing. N. M. Delmarle. 30,111; Mar. 30.
Nance's Mustard Sauce. For Mustard Sauce. N. M. Delmarle. 30,112; Mar. 30.
Ocean-O. For a Regulating Tonic and Detoxicant. Oceano Products Company. 30,130; Mar. 30.
One Dozen Best-O'-Farm Fancy Selected Eggs. For Eggs. Roberts & Oake, Inc. 30,144; Mar. 30.
Parker's Germicidal Lotion for Itch and all Other Skin Troubles. For Germicidal Lotion. F. W. Parker. 30,141; Mar. 30.
Pure Henna Powder. For Henna Powder. Ogilvie Sisters. 30,136; Mar. 30.
Scalp Pomade. For Scalp Pomade. Ogilvie Sisters. 30,134; Mar. 30.
Sea-Lion. For Fresh Artichokes. Montrey Bay Artichoke Growers. 30,126; Mar. 30.
Silverdale. For Cigars. A. F. Varanelli. 30,152; Mar. 30.
Smico. For Insecticides. B. D. Smith. 30,147; Mar. 30.
Special Ointment. For Medicated Ointment. Ogilvie Sisters. 30,135; Mar. 30.
Special Remedy for Falling Hair and Dandruff. For Hair Tonic. Ogilvie Sisters. 30,139; Mar. 30.
Superior Hair Grower. For a Preparation for the Hair. C. E. Smith. 30,148; Mar. 30.
Supreme Malt Extract. For Malt Extract. Jim's Stores. 30,121; Mar. 30.
Tonic for Dry Hair. For Hair Tonic. Ogilvie Sisters. 30,137; Mar. 30.
Tonic for Oily Hair. For Hair Tonic. Ogilvie Sisters. 30,138; Mar. 30.
Tonic for Whitening Grey Hair. For Hair Tonic. Ogilvie Sisters. 30,133; Mar. 30.
Wave Lotion. For Wave Lotion. Ogilvie Sisters. 30,132; Mar. 30.
Wilson's Blue Ribbon Star Polish. For a Liquid Polish. C. A. Wilson. 30,153; Mar. 30.

ALPHABETICAL LIST OF PRINTS.

A Formula Used With Great Success In The Treatment of Pyloric Stenosis. For Wheat Breakfast Food. Cream of Wheat Co. 8,667; Mar. 30.
Aladdin Magic Nut Bowl. For Aladdin Magic Nut Bowl. H. G. Pauer. 8,679; Mar. 30.
At The Turn of a Single Dial. For Radio Sets. Magnavox Company. 8,677; Mar. 30.
Be Sure To See That It's 'B. V. D.' For Athletic Underwear. B. V. D. Company. 8,663; Mar. 30.
Certificate of Authority—Moxie C. Deal. For Beverage Called "Moxie." Moxie Company. 8,678; Mar. 30.
Giro Porcelain Figurines. For a Dessert Preparation. Jell-O Company 8,670; Mar. 30.
Greater Comfort Longer Wear. For Athletic Underwear. B. V. D. Company. 8,665; Mar. 30.
How To Use This Wooster Brush Chart. For Brushes. Wooster Brush Company. 8,683; Mar. 30.
Made For The B. V. D. Best Retail Trade. For Athletic Underwear. B. V. D. Company. 8,666; Mar. 30.
Made For The Best Retail Trade B. V. D. For Athletic Underwear. B. V. D. Company. 8,664; Mar. 30.
Marion Power's Raspberry Jell-O. For a Dessert Preparation. Jell-O Company. 8,675; Mar. 30.
More Dollars Per Acre in 1925. For Cottonseed. Summerour & Son. 8,681; Mar. 30.
One Price—Cash or Credit. For Furniture and Household Equipment. Jackson Furniture Company. 8,668–9; Mar. 30.

Profits Shared With Our Customers. For Various Articles of Merchandise. E. W. Lawson. 8,676; Mar. 30.
Repair Your Motor The New Way. For Piston Rings. Simplex Piston Ring Company. 8,680; Mar 30.
Shasta Brushes. For Brushes. Wooster Brush Company. 8,684; Mar. 30.
"The Dinner Party." For a Dessert Preparation. Jell-O Company. 8,672; Mar. 30.
"The Little Hostess". For a Dessert Preparation. Jell-O Company. 8,673; Mar. 30.
The New Plaster. For Weslico Textile Plaster. Western Lime & Cement Co. 8,682; Mar 30.
The Nurse And Child. For a Dessert Preparation Jell-O Company. 8,674; Mar. 30.
"The Waiter". For a Dessert Preparation. Jell-O Company. 8,671; Mar. 30.

CLASSIFIED LIST OF TRADE-MARK TITLES.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

CLASS 1.

Coal. Clark Coleman Coal & Coke Co. 223,835; Mar. 30.
Coal. Webb Fuel Company. 226,030; Mar. 30.
Coal, carbonized fuel, and coke. Powhatan Mining Company. 226,864; Mar. 30.
Coke. Whiteley & Foedisch. 225,294; Mar. 30.
Fur skins. S. Rubinton. 207,951; Mar. 30.
Hides, skins, leather, etc. Penn Leather Company. 226,784; Mar. 30.
Hides, skins, leather, etc. Penn Leather Company. 226,861; Mar. 30.
Leather, Sole. England-Walton Company. 226,480; Mar. 30.
Silk, Rayon. E. W. Dutton Inc. 226,133; Mar. 30.

CLASS 2.

Bags, Paper. Advance Bag and Paper Company. 222,546; Mar. 30.
Bags, Paper garment. Roseth Corporation. 225,678–9; Mar. 30.
Boxes and display cards, Necktie. H. P. Ulich & Co. 226,926; Mar. 30.
Boxes with fancy coverings, Empty paper. Ertel Brothers Company. 224,698; Mar. 30.

CLASS 3.

Hoof pads. Dryden Rubber Company. 216,156; Mar. 30.

CLASS 4.

Cleaner and cleaner powder. P. Tump. 226,178; Mar. 30.
Cleaning sets, Jewel-. E. L. Rianhard. 222,280; Mar. 30.
Polish, Metal and glass. Radiant Co. 221,205; Mar. 30.
Polish, Stove. G. W. Graham. 214,477; Mar. 30.
Sandpaper. National Sanding Machine Company. 208,670; Mar. 30.
Soap. Proctor & Gamble Company. 226,915; Mar. 30.
Soaps and shaving creams, Toilet. Cheramy, Inc. 220,447; Mar. 30.

CLASS 5.

Glue for pasteboard. Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements, Kuhlmann. 216,456; Mar. 30.
Powder used for general household cleaning purposes, Soluble. Wash Chemical Co. 225,533; Mar. 30.

CLASS 6.

Alcohol, bay rum, toilet water, etc., Bubbing. A. M. Gugenheim. 225,710; Mar. 30.
Antiseptic and analgestic dry dressing. A. R. Witt. 227,211; Mar. 30.
Antiseptics, foot powder, pine liniment, etc. W. F. Kippen. 226,430; Mar. 30.
Chemicals, radioactive clay, Dark-room and fluoroscopic. Victo X-Ray Corporation. 222,648; Mar. 30.
Compound, Indigestion. Voloshen Chemical Corporation. 224,368; Mar. 30.
Cream, Peeling. Hanly Products Co. 226,484; Mar. 30.
Cyanides. American Cyanamid Company. 227,053; Mar. 30.
Hair straightener, Liquid. A. R. Genovese. 225,118; Mar. 30.
Incense. Nippon Dry Goods Company. 226,072; Mar. 30.
Insecticide. P. N. Hyman. 225,475; Mar. 30.
Laxative candy. L. D. Hall. 227,072; Mar. 30.
Liniment. N. W. Dudley. 225,470; Mar. 30.
Liniment. J. M. Heib. 224,758; Mar. 30.
Lotions, ointments, and polishes, Cosmetic. Yvette Co. 223,452; Mar. 30.
Medicinal preparations and medicinal preparations in capsule form. National Laboratories, Incorporated. 225,839–40; Mar. 30.
Medicine for the removal of corns, bunions, and calli. A. C. Stephenson. 225,246; Mar. 30.
Medicine for the treatment of hog cholera. A. W. Bhode. 226,038; Mar. 30.
Medicine for use in treating rheumatism, kidney and stomach ailments, etc. W. K. Chang. 226,712; Mar. 30.
Medicine in ampule form for intravenous treatment for cancer and like diseases. Dr. W. H. Lucas. 225,097; Mar. 30.
Medicine in the nature of an antiseptic. L. Pezze, M. D. 226,207; Mar. 30.
Oils, Essential. Societe Anonyme Des Etablissements Antoine Chiris, Compagnie Des Produits Aromatiques, Chimiques Et Medicinaux. 227,142; Mar. 30.
Perfumes. Lucky Star Mfg. Co. 225,433; Mar. 30.
Perfumes, toilet water, bath powder, etc. S. S. Pierce Co. 226,440; Mar. 30.
Perfumes, toilet waters, talcum, rouges, etc. Societe La France Toilet Goods Co. 226,447; Mar. 30.
Powders and creams, toilet waters, rouges, hair oils, nail polishes, etc., Face. M. M. Fieron & Son, Inc. 213,073; Mar. 30.
Powders, creams, packs, toilet waters, etc., Face. Parfumerie St. Denis. 222,993; Mar. 30.
Powders, creams, packs, toilet waters, etc., Face. I. L. Sommer. 226,744; Mar. 30.
Powders for nursery and toilet use, ointments. Crystal Chemical Company. 218,106; Mar. 30.
Preparation for removing carbon from cylinders and valves of internal-combustion engines. W. E. Whiston. 218,677; Mar. 30.
Preparation for the treatment of gas on the stomach and dyspepsia relief. G. W. Street. 227,251; Mar. 30.
Preparation for use in the treatment of the scalp and to promote the growth of the hair. W. Moore. 227,196; Mar. 30.
Preparations for treating rheumatism, itches, etc., Soluble hot-bath. D. W. Stewart. 225,815; Mar. 30.
Sulphur dioxide, Liquid. Virginia Smelting Company. 226,316; Mar. 30.
Tonic, Hair. F. C. Hayes. 224,458; Mar. 30.

CLASS 8.

Cigarette and cigar holders. Superior Hard Rubber Company. 212,579; Mar. 30.

CLASS 9.

Matches. Belga Match Soc. An. 223,455–7; Mar. 30.
Matches. Usines Allumettières Des Flanders Societe Anonyme. 224,215; Mar. 30.
Matches. Usines Allumettières Des Flanders Societe Anonyme. 224,218–19; Mar. 30.

CLASS 10.

Fertilizers. E. G. Thornton. 224,844; Mar. 30.

CLASS 12.

Brick. Alabama Clay Products Company. 226,620–1; Mar. 30.
Brick, Fire. W. S. Dickey Clay Manufacturing Company. 226,151; Mar. 30.
Bricks. Brazil Clay Company. 226,039; Mar. 30.
Cement, Pipe-joint. Wolverine Brass Works. 223,151; Mar. 30.
Construction materials. Union Tank & Pipe Co. 226,699; Mar. 30.
Lime, Finishing. Universal Gypsum Company. 204,788; Mar. 30.
Lumber, Domestic and foreign hardwood and soft-wood. Cadwallader-Gibson Lumber Co. 218,287–8; Mar. 30.
Metal grating for floorings, staircases, and roadways. Irving Iron Works Company. 226,289; Mar. 30.
Plaster, Finishing. Universal Gypsum Company. 204,737; Mar. 30.
Plaster, Nufibered. Universal Gypsum Company. 204,736; Mar. 30.
Plaster, Wood-fibered. Universal Gypsum Company. 204,735; Mar. 30.
Rock, dolomite, marble, and silicate, Crushed white. Chamberlain Company. 226,128; Mar. 30.
Tiles, Partition. Texas Cement Plaster Co. 223,001; Mar. 30.

CLASS 13.

Fencing, screening, and wire mats, Iron and wire. Atlas Fence Company. 215,889; Mar. 30.

CLASS 14.

Alloys, Heat-resisting and corrosion-resisting and oxidation-resisting. American Manganese Steel Company. 226,327; Mar. 30.
Iron and steel, Rolled, drawn, and forged. Fagersta Bruks Aktiebolag. 209,903; Mar. 30.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Iron and steel, Rolled, drawn, and forged. Fagersta Bruks Aktiebolag. 209,905; Mar. 30.

CLASS 15.

Gasoline, kerosene, lubricating oils and greases. Correct Motor Fuels, Inc. 227,633; Mar. 30.
Oils made from petroleum and lubricating greases. Standard Oil Company (New Jersey). 227,200; Mar. 30.
Petroleum products. Eagles-Picher Lead Company. 224,553; Mar. 30.

CLASS 16.

Lacquers. Van Camp Hardware & Iron Company. 226,455; Mar. 23.
Paints, varnishes, etc., Dry, paste and ready-mixed. Glidden Company. 225,413; Mar. 30.

CLASS 17.

Tobacco, cigars, and cigarettes, Smoking and chewing. Gallaher Limited. 225,657; Mar. 30.

CLASS 19.

Bicycle rims. Dayton Rolled Metal Company. 225,596; Mar. 30.
Bicycles. Kaufmann Department Stores, Inc. 225,476; Mar. 30.
Boats and canoes. N. Coon. 225,771; Mar. 30.

CLASS 21.

Batteries, Diamond Electric Specialties Corporation. 225,507; Mar. 30.
Batteries, Electric. Bright Star Battery Co. 228,017; Mar. 30.
Batteries, Electric. Consolidated Battery Company. 225,649; Mar. 30.
Board and/or paper for the purpose of electrical insulation, Composition. Stevens Paper Mills, Inc. 224,435; Mar. 30.
Coils, condensers, rheostats, resistances, tubes, and batteries. Harkness Radio Corporation. 208,192; Mar. 30.
Condensers for radio apparatus. Ambassador Sales Co. 208,030; Mar. 30.
Detector and amplifier tubes for radio apparatus. J. Blum. 226,124; Mar. 30.
Electric sockets, fixture parts, ceiling buttons, push buttons, etc. Pass & Seymour, Incorporated. 224,107; Mar. 30.
Floor-surfacing machines, Electrical. Electric Rotary Machine Co. 225,354; Mar. 30.
Indicator for elevators, Electric position. Elevator Supplies Co. 225,602; Mar. 30.
Insulated electric wires. American Wiremold Company. 210,600; Mar. 30.
Lamps, Mercury-vapor arc. Cooper Hewitt Electric Company. 203,259; Mar. 30.
Loud speakers for use in wireless telephony. Automatic Telephone Manufacturing Company Limited. 225,695; Mar. 30.
Plugs, angle two-way plugs, straight three-way convenience outlets, etc., Straight two-way. Reynolds Spring Company. 222,479–80; Mar. 30.
Plugs, angle two-way plugs, straight three-way convenience outlets, etc., Straight two-way. Reynolds Spring Company. 222,482; Mar. 30.
Radiodials and mountings therefor. A. H. Grebe & Co. 222,453; Mar. 30.
Radio receiving apparatus, Detector and amplifier tubes for. Stewart-Warner Speedometer Corporation. 225,207; Mar. 30.
Radio receiving apparatus or sets and parts thereof. Straitline Radio Corporation. 222,716; Mar. 30.
Radio receiving sets. Gimbel Brothers, Inc. 223,473; Mar. 30.
Radio receiving sets and parts thereof. C. H. Rauschenberg. 225,446; Mar. 30.
Radio receiving sets, Assembled. Stromberg-Carlson Telephone Mfg. Co. 224,210; Mar. 30.
Radiotubes. B. Chiris. 226,417; Mar. 30.
Radiotubes. Music Master Corporation. 225,837–8; Mar. 30.
Radio vacuum tubes. United Radio & Electric Corporation. 226,746–8; Mar. 30.
Rectifiers and coudensers, Electrolytic. Philadelphia Storage Battery Co. 225,276; Mar. 30.
Resistance units and grid leaks. Amsco Products, Inc. 224,488–9; Mar. 30.
Spark plugs. Paf Manufacturing Company. 225,618; Mar. 30.
Transformers. All-American Radio Corporation. 210,210; Mar. 30.
Vacuum cleaners and attachments therefor. Swords Electric Company. 220,927; Mar. 30.
Vacuum cleaners, Electrically-operated. Frank H. Stewart Electric Co. 217,741; Mar. 30.
Vacuum cleaners, Electrically-operated. United Electric Company. 201,910; Mar. 30.
Vacuum tubes. Westinghouse Electric & Manufacturing Company. 204,986–7; Mar. 30.

CLASS 22.

Baby walkers. H. C. White Company. 226,522; Mar. 30.
Fishing lines. United States Whip Company. 226,577; Mar. 30.
Game of Chinese domino. Société Maunoury & Cie. 226,567; Mar. 30.
Toy houses, garages, gasoline service stations, drug stores, etc. Singer Paper Products Co. 225,682; Mar. 30.
Toy, Pull. H. C. White Company. 226,523; Mar. 30.
Toy wooden building blocks. G. A. Crosman & Sons Co. 225,704; Mar. 30.

CLASS 23.

Cleaning dishes, glasses, silver, and the like, Machine for. Sterilwash Machine Company. 222,884; Mar. 30.
Engines, Automobile. Reo Motor Car Company. 222,190; Mar. 30.
Equipment, Hydraulic. Hydraulic Press Manufacturing Company. 223,717; Mar. 30.
Escalators, endless carriers, ammunition hoists, etc. Otis Elevator Company. 223,483; Mar. 30.
Knives and belt punches, Belt. Victor Balata & Textile Belting Co. 226,838; Mar. 30.
Sprinklers, Irrigation. Economy Irrigation Company Limited. 225,352; Mar. 30.
Tools and electrical pole-line construction tools, Logging. Leach Company. 206,531; Mar. 30.

CLASS 24.

Cloth covers for ironing boards. David Caplan Company. 224,275; Mar. 30.
Clothes lines and reels, Combined. Patent Novelty Company. 221,635; Mar. 30.
Tubs, Galvanized laundry. J. M. Tennison. 224,843; Mar. 30.

CLASS 26.

Heat-regulating devices, Thermostatic. Pierce-Arrow Motor Car Company. 222,798; Mar. 30.
Registering the color-wave value or radioactive and radio-emanative value of the human body and the like, Apparatus for. Spectro-Chrome Institute (Incorporated). 221,982; Mar. 30.
Self-measuring liquid-dispensing valves, cream dispensers, etc. Precision Liquid Dispenser Company. 225,676; Mar. 30.
Weighing scales. Sanitary Scale Company. 225,980; Mar. 30.

CLASS 27.

Watches, watchcases, watch movements, and parts of the same. Herald Watch Co. 207,567–8; Mar. 30.

CLASS 28.

Jewelry, not including watches. Bippart, Bennett & Co. 224,946; Mar. 30.
Pins, collar buttons, studs, etc., Scarf and collar. Arrow Emblem Co. 225,858; Mar. 30.
Ring guards. Lion Safety Pin Clutch Co. 225,517; Mar. 30.
Rings and breastpins, Finger. H. W. Peters. 206,858; Mar. 30.
Silverware. Weidlich Bros. M'f'g. Co. 225,293; Mar. 30.

CLASS 29.

Brushes. John L. Whiting-J. J. Adams Company. 226,408; Mar. 30.
Brushes, Painters'. H. S. Nelson. 225,617; Mar. 30.

CLASS 30.

China. Graham & Zenger, Inc. 214,153; Mar. 30.
Faience. Crueby Faience and Tile Company. 226,897–8; Mar. 30.

CLASS 31.

Filters, automatic sand filters, nonatomizing wash filters, etc., Automatic vacuum. Filtration Engineers Inc. 223,028; Mar. 30.
Refrigerating apparatus. Lamson Company. 226,432; Mar. 30.

CLASS 32.

Chairs, Rockerless rocking-. Emmanuel Missionary College. 226,238; Mar. 30.
Frames, Picture and mirror. Reliance Picture Frame Co. 225,380; Mar. 30.
Tables, chairs, bed springs, kitchen cabinets, foot stools, etc. J. H. Zimmerman. 220,006; Mar. 30.

CLASS 34.

Burners, Oil. Cottonwood Fiber Company. 244,958; Mar. 30.
Heaters, water-storage heaters, pin fittings, etc., Hot-water. Cleveland Heater Company. 225,171; Mar. 30.
Lamps, petroleum lamps, etc., Incandescent gas and oil. Deutsche Gasglublicht-Auer-Gesellschaft mit Beschrankter Haftung. 206,282; Mar. 30.

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Stove dampers and spindles therefor. Stover Manufacturing & Engine Co. 226,213; Mar. 30.
Stoves, oil burners, and wicks, Oil. Sears, Roebuck and Co. 225,981; Mar. 30.
Valves and parts thereof, Thermostatically-controlled. Bastian-Morley Co. 225,864; Mar. 30.

CLASS 35.

Gaskets. Victor Manufacturing & Gasket Co. 225,987; Mar. 30.
Inner tubes. India Tire and Rubber Company. 227,121; Mar. 30.
Piston rings. American Gear Company. 224,642; Mar. 30.
Tires and inner tubes, Automobile. Phelps Tire & Rubber Company. 225,574; Mar. 30.
Tires, Rim flaps for. Dexter Rubber Manufacturing Company. 225,958; Mar. 30.

CLASS 36.

Ukuleles and banjo ukuleles. Progressive Musical Instrument Corporation. 223,330; Mar. 30.

CLASS 37.

Blank books, blank labels, booklet covers, etc. Bushnell-Dahlquist Press, Inc. 227,295; Mar. 30.
Paper and pulp, Kraft. Bastrop Pulp & Paper Company. 221,088; Mar. 30.
Paper, Bond. Midwest Paper Company. 226,070; Mar. 30.
Paper coated with a composition of china clay, casein, and blanc fixe, Printing. W. W. Bailey. 220,591; Mar. 30.
Paper, Drawing, tracing, vellum, and parchment. Par Veil Laboratories. 227,597; Mar. 30.
Paper, Paraffin treated parchment bond. Henle Wax Paper Mfg. Co. 227,308; Mar. 30.
Paper, Printing. Buyer's Paper Co. 218,391; Mar. 30.
Paper, Toilet. Hoberg Paper & Fibre Company. 211,473; Mar. 30.
Paper, Toilet. Universal Crepe & Tissue Mills, Inc. 227,699; Mar. 30.
Papers, bristol board, blank books, etc., Writing and printing. Riverside Fibre & Paper Company. 220,363; Mar. 30.
Papers, Printing. Cleveland Paper Manufacturing Company. 226,332; Mar. 30.
Pens, Fountain. Le Boeuf Fountain Pen Co. 209,995; Mar. 30.
Rack and document file, Desk. E. W. House. 226,959; Mar. 30.
Tab guides, Angular celluloid. Globe-Wernicke Co. 205,207; Mar. 30.
Tracing cloth. Winterbottom Book Cloth Company Limited. 224,064; Mar. 30.

CLASS 38.

Cards, window cards, place cards, etc., Calling. Bushnell-Dahlquist Press, Inc. 218,163; Mar. 30.
Lessons, instruction sheets, and printed lectures. Fashion Institute, Inc. 225,355; Mar. 30.
Magazine issued monthly. New Eve Publishing Company. 225,376; Mar. 30.
Newspaper articles. C. I. Mortimer. 223,533; Mar. 30.
Photoprints. C. R. Moen. 214,736; Mar. 30.
Publication issued monthly, Radio. Dayton Fan and Motor Company. 226,948; Mar. 30.

CLASS 39.

Apparel, Aviation. A. G. Spalding & Bros. 222,485; Mar. 30.
Aprons, Sanitary. Samstag & Hilder Bros., Inc. 227,423; Mar. 30.
Coats and dresses, Ladies', misses', and juniors'. A. Mincer. 227,527; Mar. 30.
Coats and suits, Ladies', misses', and juniors'. S. Cohen. 227,296; Mar. 30.
Coats and suits, Men's. C. W. Wolfe. 227,618; Mar. 30.
Dresses, Silk and rayon. Jorocco Dresses, Inc. 225,926; Mar. 30.
Frocks. A. Eisenberg Company. 226,287; Mar. 30.
Heels for shoes. J. Fenton. 219,954; Mar. 30.
Hosiery. E. D. Attix. 216,578; Mar. 30.
Hosiery. Davenport Hosiery Mills. 227,569; Mar. 30.
Hosiery. Radiant Mills Company. 219,348; Mar. 30.
Hosiery. N. Samuels & Co. 226,741; Mar. 30.
Hosiery. Schuylkill Valley Mills, Inc. 220,364; Mar. 30.
Jackets, sweaters, coats, etc., Knit. Peckham-Foreman Inc. 224,927; Mar. 30.
Overalls, pants, and work shirts, Men's. American Work Clothes, Inc. 227,215; Mar. 30.
Shirts, blouses, nightshirts, and pyjamas, Dress, work, or negligee. S. Liebovitz & Sons, Inc. 225,429; Mar. 30.
Shirts, Dress and negligee. Cluett, Peabody & Co. 225,592; Mar. 30.
Shoes. Central Shoe Company. 226,539; Mar. 30.
Shoes. Nath'l Fisher & Co. 226,109; Mar. 30.
Shoes. London Shoe Company. 225,722; Mar. 30.
Shoes, Leather and rubber. Endicott Johnson Corporation. 226,849; Mar. 30.
Suits, Boys'. Levinsohn & Levinsohn. 209,924; Mar. 30.
Underwear, dress shirts, overalls, men's pad garters, hosiery, neckties, etc. K. F. Hardin. 225,957; Mar. 30.
Union suits, drawers, nightshirts, and pyjamas made of woven textiles. Sexton Mfg. Co. 224,678; Mar. 30.

CLASS 40.

Tape, Woven. J. Sidebotham. 207,530; Mar. 30.

CLASS 42.

Cotton fabric sold as piece goods. Adler Underwear & Hosiery Mfg. Co. 226,017; Mar. 30.
Cotton piece goods. Brand & Oppenheimer, Incorporated. 225,346; Mar. 30.
Cotton piece goods. M. Lowenstein & Sons Inc. 227,239; Mar. 30.
Knitted fabric, Artificial-silk. N. Halperin. 208,704; Mar. 30.
Linen goods. F. Anderson. 222,297; Mar. 30.
Suitings and woven cloth in the piece. J. W. House. 226,288; Mar. 30.
Textile piece goods of cotton and also of a mixture of cotton and artificial silk, draperies, and dress goods. Westerly Textile Company. 201,634; Mar. 30.
Wool, cotton, and silk, Piece goods of. Societe Anonyme Rodier. 225,146; Mar. 30.
Woolen piece goods. Forstmann & Huffmann Company. 220,277; Mar. 30.

CLASS 43.

Yarns and sewing threads. Great Lakes Thread and Yarn Co. 222,322; Mar. 30.

CLASS 44.

Catheters, record syringes, Jena-glass syringes, etc., Web. Edwards & Rouden, Inc. 227,224; Mar. 30.
Dental appliances. J. Homer. 222,067; Mar. 30.
X-ray tubes, X-ray equipment, and X-ray oil-immersed apparatus. Victor X-Ray Corporation. 226,929; Mar. 30.

CLASS 45.

Beverages sold as soft drinks and extracts and sirups for making the same. A. Fonyo. 226,644; Mar. 30.
Beverages sold as soft drinks and sirups and extracts for making the same. Chocolate Products Company. 226,633; Mar. 30.
Drinks and sirups for making the same, Nonalcoholic, noncereal, maltless. Massolt Bottling Co. 225,792; Mar. 30.

CLASS 46.

Apples, Fresh. C. M. Holtzinger Fruit Co. 221,610; Mar. 30.
Beans, Fresh. Southern Idaho Bean Growers Association. 225,621; Mar. 30.
Biscuits and crackers. American Biscuit Company. 220,817; Mar. 30.
Bread and pastry wheat flour. Lee & Cady. 224,772; Mar. 30.
Bread, cakes, biscuits, wafers, and crackers. A/S Sætre Kjeksfabrik Aktieselskap. 222,801; Mar. 30.
Bread-improving compound. C. Herendeen & Son. 226,287; Mar. 30.
Butter, cheese, and eggs. Grove City Creamery. 214,206; Mar. 30.
Cake frosting or cake icing, Prepared. K. Harris, jr. 226,899; Mar. 30.
Cake, Fruit. Vories Baking Company. 225,291; Mar. 30.
Candies. Powell's. 224,723; Mar. 30.
Candies, Plain cream. Kibbe Brothers Company. 223,922; Mar. 30.
Candies, sweetmeats, candied and salted nuts, and nuts in their natural state. C. W. Lomasney & Company. 211,854; Mar. 30.
Candy. S. Altshuler. 226,529; Mar. 30.
Candy. H. J. Connor. 210,366; Mar. 30.
Candy. Eatmore Candy Co. 214,914; Mar. 30.
Candy. Fair Play Caramels, Inc. 217,212; Mar. 30.
Candy. National Candy Co. 226,670; Mar. 30.
Candy. J. F. Ruby. 226,166; Mar. 30.
Canned and preserved fruits, baked beans, canned meats, chili sauce, etc. Samuel Kunin & Sons. 218,646; Mar. 30.
Canned fruit and vegetables and dried fruit. Herbert Packing Co. 222,613; Mar. 30.
Canned fruits and vegetables. Northern Jobbing Co. 221,561; Mar. 30.
Canned fruits and vegetables. Sutter Co-operative Growers. 220,688; Mar. 30.
Canned fruits and vegtables, olives, etc. Lucido Brothers Grocery Co. 226,668; Mar. 30.
Canned vegetables and berries. Star Canning Co. 226,693; Mar. 30.
Canned vegetables and fruits, tomato catchup, etc. Indianapolis Fancy Grocery Co. 226,656; Mar. 30.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Cantaloupes, peaches, and plums, etc. J. G. Blickenstaff & Sons. 220,272; Mar. 30.
Cheese. B. J. Rabin. 224,360; Mar. 30.
Chicks, Baby. New Washington Hatchery Co. 206,255; Mar. 30.
Chocolate. Aktiengesellschaft Chocolat Tobles. 217,848; Mar. 30.
Coffee. Eastman Sugar Co. 208,468; Mar. 30.
Coffee. Nash Coffee Company. 226,303; Mar. 30.
Coffee. Wilson Coffee Company. 226,320; Mar. 30.
Coffee and tea. Dal-Tex Coffee Co. 224,960; Mar. 30.
Feed. Poultry. F. C. Ayres Mercantile Company. 225,908; Mar. 30.
Feed, Stock. Swift and Company. 223,609; Mar. 30.
Feed, Stock and poultry. Kenworthy Grain & Milling Co. 224,249; Mar. 30.
Flavoring extracts for table use, Culinary. A. M. Gugenheim. 225,711; Mar. 30.
Flour, Pancake. Paxton & Gallagher Co. 216,558; Mar. 30.
Flour, Self-rising and plain wheat. Shenandoah Milling Company. 220,425; Mar. 30.
Flour, Wheat. Anchor Milling & Grocery Company. 214,577; Mar. 30.
Flour, Wheat. Russel-Miller Milling Co. 212,643; Mar. 30.
Fruits and nuts in their natural state, Fresh deciduous. R. Fair. 220,513; Mar. 30.
Fruits, Dried. Goldenripe Fruits Inc. 227,514; Mar. 30.
Fruits for food purposes, also table sirups, Crushed. R. Gasparro. 209,473; Mar. 30.
Fruits, vegetables, and cantaloupes, Fresh deciduous. Kunishima Brothers Co. 225,195; Mar. 30.
Grapes and peaches, Fresh. Liberty Produce Company. 216,347; Mar. 30.
Lemons, Fresh. Glendora Lemon Growers Association. 204,025; Mar. 30.
Macaroni. Antonio Morici Co. 226,035; Mar. 30.
Malt sirup. S. Stone. 219,918; Mar. 30.
Malt sirup for food purposes. M. M. Gugenheim. 226,854; Mar. 30.
Mash with buttermilk, rice bran, rice polish, and rice, Laying. El Campo Rice Milling Co. 207,124; Mar. 30.
Meat sausage loaf. Arnold Brothers Inc. 224,644; Mar. 30.
Oranges, lemons, and grapefruit, Fresh. North Whittier Heights Citrus Association. 225,132-4; Mar. 30.
Oysters and vegetables, Canned. Shelmore Oyster Products Company. 225,244-5; Mar. 30.
Pickles, olives, peanut butter, olive oil, catchup, etc. Foley Bros. Grocery Company. 184,606; Mar. 30.
Powdered or granular composition to be used in producing desserts or like confections. D. Swan. 216,998; Mar. 30.
Salami and sausage. Western Sausage & Prov. Co. 224,438; Mar. 30.
Sauce, Chocolate. L. E. Paterson. 208,719; Mar. 30.
Sirup for food purposes, Malt. N. Milgram. 227,195; Mar. 30.
Sirup, Table. Calgold Products Co. 225,503; Mar. 30.
Vanilla extracts and vanilla compounds. Belgian Trading Company. 226,876; Mar. 30.

CLASS 48.

Sirup for beverage purposes, Malt. Unity Beverage Company. 226,266; Mar. 30.

CLASS 49.

Alcohol (nonbeverage), Grain. Schenley Products Company. 212,298; Mar. 30.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 30TH DAY OF MARCH, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abbadini, Orgerio, Fairbank, Pa. Wire connection for electric plugs. 1,579,050; Mar. 30.
Ackerman, Nicholas, Wenatchee, Wash. Collapsible camp furniture. 1,578,248; Mar. 30.
Ackermann, Frank B. (See Steffan, W. C., Ackermann, and Greiner.)
Acme Traffic Signal Company. (See Husbands, Frank J., assignor.)
Addressograph Company. (See Duncan, Joseph S., assignor.)
Adkins, Marion W., Kansas City, Mo. Airplane. 1,578,377; Mar. 30.
Ainsworth, Chester D., Wollaston, assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass. Retardation device. 1,579,049; Mar. 30.
Aktiengesellschaft der Eisen- und Stahlwerke vorm. Georg Fischer. (See Mijnssen, J. W., and Künzi, assignors.)
Alben, Frank L. (See Houston, H. A., and Alben.)
Alber, Walter L., Chicago, Ill. Anchor. 1,578,947; Mar. 30.
Alcorn, Kendrick S., et al. (See Phillips, James M. and H. D., assignors.)
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric ship propulsion. 1,579,051; Mar. 30.
Allen, Carl S., Cincinnati, Ohio. Metal-cutting shears. 1,578,247; Mar. 30.
Allen, Frank D. (See Bradley, C. H., and Allen.)
Allhands, J. L., et al. (See Collins, Michael, assignor.)
Allis-Chalmers Manufacturing Company. (See Cheney, Herbert W., assignor.)
Allis-Chalmers Manufacturing Company. (See Earle, Ralph H., assignor.)
Allis-Chalmers Manufacturing Company. (See Powell, William H., assignor.)
Allis-Chalmers Manufacturing Company. (See Taylor, Charles B., assignor.)
Allyn, Leon L. (See Wigginton, G. P., Allyn, and Stuart.)
Alter, John H., Conneaut, Ohio. Valve gear. 1,578,249; Mar. 30.
Altmann, August, New York, N. Y. Flying roundabout. 1,579,173; Mar. 30.
Altvater, Maude V., Grant Orchards, Wash. Fruit picker. 1,579,052; Mar. 30.
Amedee-Mannheim, Charles, Paris, France. Suspension for vehicles. 1,578,308; Mar. 30.
American Arch Company. (See Siegel, Chester A., assignor.)
American Bosch Magneto Corporation. (See Rosner, Adolph, assignor.)
American Can Company. (See Schoendelen, Joseph W., assignor.)
American Flyer Manufacturing Company. (See Frohne, Albin, assignor.)
American Hardware Corporation, The. (See Teich, Ernest L., assignor.)
American Machine & Foundry Company. (See Fetzer, Theodore, assignor.)
American Mason Safety Tread Company. (See Welcome, Harold A., assignor.)
American Rolling Mill Company, The. (See Beck, W. J., and Aupperle, assignors.)
American Steel Foundries. (See Cooper, E. S., and Baker, assignors.)
American Steel Foundries. (See Robertson, A., Besser, and Wheeler, assignors.)
American Tap Brush Co. (See Rice, Frank E., assignor.)
American Telephone and Telegraph Company. (See Demarest, Charles S., assignor.)
American Telephone and Telegraph Company. (See Vernam, Gilbert S., assignor.)
American Telephone and Telegraph Company. (See Zinn, Manvel K., assignor.)
American Thread Company, The. (See Marx, H. J., and Harvey, assignors.)
Ammons, Ralph W., Los Angeles, Calif. Leaf-spring lubricator. 1,578,699; Mar. 30.
Amsco Products, Inc. (See Hardy, Charles, assignor.)
Amsler, Walter O., Toledo, Ohio. Leer for glassware and other articles. 1,578,792; Mar. 30.
Anchor Cap & Closure Corporation. (See Ramsey, George, assignor.)
Anderegg, Joseph C., Algoma, Wis. Spring cover. 1,579,053; Mar. 30.
Anderson, Alfred F. R., New York, N. Y. Belt tensioning and adjusting apparatus. 1,578,700; Mar. 30.
Anderson, Averill P., Bellevue, Pa. Lubricating system. Re16,306; Mar. 30.
Anderson, Evald, Alhambra, assignor to International Precipitation Company, Los Angeles, Calif. Electrical treatment of liquids. 1,578,624; Mar. 30.
Anderson, John W., assignor of one-half to C. Poffenberger, Chicago, and one-half to Corber Company, Aurora, Ill. Concealed door hinge. 1,578,570; Mar. 30.
Angier, Edward H. (See Wheildon, William M., assignor.)
Angus, Donald J., Indianapolis, Ind., assignor to Westinghouse Electric & Manufacturing Company. Volt-ampere meter. 1,578,571; Mar. 30.
Ankeny, Clement W., Colorado Springs, Colo., assignor to The Dorr Company, New York, N. Y. Multiple-deck pulp thickener. 1,578,623; Mar. 30.
Ansco Photoproducts Inc. (See Bornmann, Carl A., assignor.)
Ansonia O & C Company, The. (See Clauss, George E., assignor.)
Apple, Vincent G., Dayton, Ohio. Commutator and making it. 1,578,793; Mar. 30.
Aram, Otto, Philadelphia, Pa., assignor to Westinghouse Electric and Manufacturing Company. Agitator grate for underfeed stokers. 1,578,701; Mar. 30.
Armour & Company. (See Hedden, Charles A., assignor.)
Armour Fertilizer Works. (See Meyers, Herbert H., assignor.)
Armstrong, Edwin J., assignor to Erie Steam Shovel Company, Erie, Pa. Power shovel. 1,578,702; Mar. 30.
Armstrong, Morgan K., Hampton, Va. Making plaster board. 1,578,250; Mar. 30.
Armstrong, Victor C., Hackensack, N. J., assignor to The Rail Joint Company, New York, N. Y. Rail anchorage for head-free rail joints. 1,578,378; Mar. 30.
Armstrong, William H., Plainfield assignor to Ingersoll-Rand Company, Jesey City, N. J. Mechanical tie tamper. 1,578,379; Mar. 30.
Armstrong, William Harold, Plainfield, assignor to Ingersoll-Rand Company, Jersey City, N. J. Mechanical tie tamper. 1,578,380; Mar. 30.
Armuth, Samuel, Vienna, Austria. Oscillating piston pump. 1,579,054; Mar. 30.
Arn, Gottfried, Monticello, Wis. Gate. 1,579,055; Mar. 30.
Aronson, Simon, Brookline, Mass. Artificial-flower ornament. 1,578,703; Mar. 30.
Arruga, Hermenegildo, Barcelona, Spain, assignor to C. Zeiss, Jena, Germany. Illuminating device. 1,578,251; Mar. 30.
Arter, William, Worcester, Mass. Grinding machine. 1,579,056; Mar. 30.
Asbury, Harry E., Melrose Park, assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Release clutch for grinding mills. 1,579,057; Mar. 30.
Ash, William M., jr., Alton, Ill. Headlight lamp. 1,578,704; Mar. 30.
Asher Manufacturing Company. (See Robinson, Franklin R., assignor.)
Atlas Can Company. (See McGarrahan, John F., assignor.)
Aupperle, James A. (See Beck, W. J., and Aupperle.)
Aussa, Simon B., Barcelona, Spain. Electric-arc lamp. 1,579,058; Mar. 30.
Austin, Arthur O., Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Holder for cables or the like. 1,578,252; Mar. 30.
Austin, Arthur O., Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Attaching means for cables or the like. 1,578,253; Mar. 30.
Austin, Enoch W., Okmulgee, Okla. Vehicle tire. 1,579,059; Mar. 30.
Austin Manufacturing Co. (See Beatty, W. T., Davis, and Wilson, assignors.)
Austin, Walter M., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Circuit breaker. 1,578,572; Mar. 30.
Automatic Electric Inc. (See Erickson, John, assignor.)
Automatic Electric Inc. (See Gardner, John E., assignor.)
Automatic Electric Inc. (See Owen, William W., assignor.)
Ayer Company, The. (See Harris, Thomas S., assignor.)

Babcock & Wilcox Company, The. (See Inslee, Heber C., assignor.)
Badische Anilin- & Soda-Fabrik. (See Krzikalla, H., Kämmerer, and Nüsslein, assignors.)
Baer, Carl J., St. Louis, Mo. Barge. 1,578,626; Mar. 30.
Bailey, George W. (See Hamilton, H. C., and Bailey.)
Bailey, Irene K., executrix. (See Kebbe, Edward P.)
Bailey, James. (See Gray, D. E., Boals, and Bailey.)
Bailey, John H. (See Hardyman, Maurice A., assignor.)
Bailey, William H. J., et al. (See Hayden, Edwin E., assignor.)
Baker, Chris. (See Cooper, E. S., and Baker.)
Baker, Lloyd W., Blue Rapids, Kans. Rail straightener. 1,578,381; Mar. 30.
Bakstad, Johan R., Chicago, Ill. Crusher. 1,578,948; Mar. 30.
Ballou, B. A., & Co. (See Ballou, Frederick A., jr., assignor.)
Ballou, Frederick A., jr., assignor to B. A. Ballou & Co. Inc., Providence, R. I. Display tray. 1,578,573; Mar. 30.
Banneitz, Fritz, Berlin-Charlottenburg, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Speed-regulating device. 1,578,794; Mar. 30.
Bannister, Bryant, Pittsburgh, Pa., assignor to Bannister Motor Appliance Company. Carburetor. 1,578,382; Mar. 30.
Bannister Motor Appliance Company. (See Bannister, Bryant, assignor.)
Barbour, Perley E. (See Gibson, Lorenzo H.)
Barbour Welding Company. (See Gibson, Lorenzo H., assignor.)
Bard, James H., Bell, Calif. Gate. 1,578,795; Mar. 30.
Barks, Frank S., St. Louis, Mo. Connection for lubricators. 1,578,949; Mar. 30.
Barnard, Samuel G., Seattle, Wash. Running gear for vehicles. 1,578,705; Mar. 30.
Barnes, Jesse W., and T. C. Reynolds, Oneonta, N. Y. Spark plug. 1,579,060; Mar. 30.
Barstow, Frank B., Rehoboth, Mass. Cigarette former. 1,579,061; Mar. 30.
Bartling, Howard G., assignor to Binks Spray Equipment Company, Chicago, Ill. Spray booth. 1,578,950; Mar. 30.
Basch, David. (See Fuller, T. S., and Basch.)
Bass, John M., Joplin, Mo. Hoisting drum. 1,579,062; Mar. 30.
Bassick Manufacturing Company, The. (See Cummins, Norman W., assignor.)
Bateman, John M., Long Beach, Calif. Rotary underreamer. 1,578,574; Mar. 30.
Baum, Isaac A., Memphis, Tenn. Frame construction. 1,578,796; Mar. 30.
Baumgarten, John C., Portland, Oreg. Bottle opener. 1,578,627; Mar. 30.
Bayles, Lewis C., and F. M. Slater, Easton, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Throttle valve for rock drills. 1,578,383; Mar. 30.
Bayles, Lewis C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Steering apparatus. 1,179,063; Mar. 30.
Beach, John M., and O. V. Weeks, Grand Rapid, Mich., assignors to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Cabinet. Des. 69,791; Mar. 30.
Beach, John M., and O. V. Weeks, Grand Rapid, Mich., assignors to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Cabinet. Des. 69,792; Mar. 30.
Beal, Ralph B. (See Nicholson, E. E., and Beal.)
Beaney Rubber Company. (See Beaney, Thomas A., assignor.)
Beaney, Thomas A., Poughkeepsie, assignor to Beaney Rubber Company, Inc., New York, N. Y. Shuttle and bobbin for sewing machines. 1,578,797; Mar. 30.
Beatty, Robert D., Birmingham, Ala. Dust-distributing car. 1,578,628; Mar. 30.
Beatty, William T., Flossmoor, F. S. Davis, Homewood, and F. D. Wilson, Harvey; said Davis and said Wilson assignors to Austin Manufacturing Co., Chicago, Ill. Road-roller maintainer with reversible blade. 1,578,384; Mar. 30.
Beauchamp, Dora F., Forest Hills, N. Y., assignor of thirty one-hundredths to D. Calhoun, New Orleans, La. Adjustable reflector. 1,578,629; Mar. 30.
Beck, Alwin H., assignor to Hickok Mfg. Company, Inc., Rochester, N. Y. Belt buckle. 1,578,309; Mar. 30.
Beck, Wesley J., and J. A. Aupperle, assignors to The American Rolling Mill Company, Middletown, Ohio. Enameling metal. 1,578,706; Mar. 30.
Beck, William O., Ridgefield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 1,578,707; Mar. 30.
Beckhardt, Gene G., Newark, N. J. Game device. 1,578,708; Mar. 30.
Beckwith Company. (See Howes, George W., assignor.)
Beede, Herbert G., Pawtucket, R. I. Drive mechanism for twisting and spinning frames. 1,578,798; Mar. 30.
Bell, John E., Brooklyn, assignor to Power Specialty Company, New York, N. Y. Soot-blowing provision. 1,578,385; Mar. 30.
Bell Telephone Laboratories, Incorporated. (See Borgmann, Charles, assignor.)
Belmont Casket Company, The. (See Diday, Jesse N., assignor.)
Bennett, Irving T., assignor to T. E. Murray, Brooklyn, N. Y. Protection of metals against corrosion. 1,578,254; Mar. 30.
Bentley, William P., Dallas, Tex. Treatment of rock asphalt. Re16,801; Mar. 30.
Berg, Joseph, New York, N. Y. Bookbinding. 1,578,799; Mar. 30.
Berger, John D. (See McGowan, Robert B., assignor.)
Bergstrom, Carl G. G., St. Paul, Minn. Attachment for motor-vehicle transmissions. 1,579,064; Mar. 30.
Bersted, Martin C., Chicago, Ill. Grease gun. 1,578,951; Mar. 30.
Bettermann, Carl, Hagen, assignor to Krupp-Patent Platten-Gussform-Vertrieb. G. m. b. H., Hagen in Westphalia, Germany. Mold for producing molded stone slabs. 1,579,065; Mar. 30.
Bettincourt, Antone M. (See Teixeria, John B., assignor.)
Biggert, Florence C., jr., Crafton, assignor to United Engineering and Foundry Company, Pittsburgh, Pa. Screw down for rolling mills. 1,578,255; Mar. 30.
Bingham, William A., Cleveland, Ohio. Window latch. 1,578,386; Mar. 30.
Binks Spray Equipment Company. (See Bartling, Howard G., assignor.)
Birch, James S., Chicago, Ill. Joist support. 1,578,256; Mar. 30.
Bird, George H., Brooklyn, N. Y. Spool. 1,578,257; Mar. 30.
Birtciel, John A., Tulsa, Okla., assignor of one-half to Tidal Oil Company. Pumping jack. 1,578,387; Mar. 30.
Bissell Carpet Sweeper Co. (See Owen, Ira J., assignor.)
Bjorge, Oscar B., Portland, Oreg., assignor to Clyde Iron Works, Duluth, Minn. Engine for log yarding, skidding, etc. 1,578,709; Mar. 30.
Bliss, E. W., Company. (See Page, Frank C. B., assignor.)
Blondel, Andre, Paris, and M. Touly, St.-Cloud, France. Generating high-frequency currents. 1,578,258; Mar. 30.
Blundell, Eugene W. (See Blundell, William C., assignor.)
Blundell, William C., assignor of one-half to E. W. Blundell, Los Angeles, Calif. Steam and water governor for boilers. 1,579,066; Mar. 30.
Boals, Harry R. (See Gray, D. E., Boals, and Bailey.)
Boegehold, Hans, assignor to the Firm of C. Zeiss, Jena, Germany. Group of lenses. 1,578,259; Mar. 30.
Boldt, John R., S. A. Ranson, and A. W. Mellon, Blairsville, Pa. Dump truck. 1,578,630; Mar. 30.
Bolton, George W., Highland Park, Mich. Fishhook holder. 1,578,631; Mar. 30.
Bommer, Emil, assignor to Emil Bommer Playgrounds Foundation, Inc., Brooklyn, N. Y. Game. 1,578,632; Mar. 30.
Bommer, Emil, Playgrounds Foundation, Inc. (See Bommer, Emil, assignor.)
Bonamy, Edward L., et al. (See Chittenden, Coy W., assignor.)
Bond, David L. (See McReynolds, Carson, assignor.)
Bonde, John E., assignor of one-half to J. E. Dailey, Providence, R. I. Exercising apparatus. 1,578,633; Mar. 30.
Booth, William N., Detroit, Mich. Demountable-rim-securing means. 1,579,067; Mar. 30.
Borgmann, Charles, Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Clamping and supporting device. 1,578,634; Mar. 30.
Bork, Otto J., San Prairie, Wis. Milking-machine-washing device. 1,579,069; Mar. 30.
Bornmann, Carl A., assignor to Ansco Photoproducts Inc., Binghamton, N. Y. Camera. 1,578,635; Mar. 30.
Boughton, Willis A. (See Dewes, C. L., and Boughton.)
Bouton, Edgar M., Wilkinsburg, and M. G. Thompson, Ardmore, Braddock Township, Allegheny County, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electromagnetic brake. 1,578,575; Mar. 30.
Bower, Andrew, Rockford, Mich. Ladder bracket. 1,578,388; Mar. 30.
Bowie, Lucien B., Philadelphia, Pa. Truss. 1,579,070; Mar. 30.
Boyce, Thomas D., assignor to National Chemical and Manufacturing Company, Syracuse, N. Y. Apparatus for cleaning or removing paint from surfaces. 1,579,068; Mar. 30.
Braddock, Edward I., Winchester, Mass., assignor to Braddock Nail and Manufacturing Company, Cleveland, Ohio. Method of and apparatus for making wire nails and like articles. 1,579,071; Mar. 30.
Braddock Nail and Manufacturing Company. (See Braddock, Edward I., assignor.)
Bradley, Charles H., and F. D. Allen, Cleveland, Ohio. Separable fastener. 1,578,636; Mar. 30.
Brandenberger, Carl F., Fort Madison, Iowa. Grabbing tool. 1,578,800; Mar. 30.
Brandt Automatic Cashier Company. (See Brandt, Edward J., assignor.)
Brandt, Edward J., assignor to Brandt Automatic Cashier Company, Watertown, Wis. Calculating mechanism. 1,578,260; Mar. 30.

Brannigton, Edwin O., assignor of one-half to O. A. Peters, Rochester, N. Y. Separator. 1,578,389; Mar. 30.
Bratt, Donald, et al. (See Gilman, R. E., Bratt, and Fechheimer.)
Bratt, Donald, Irwin, and C. J. Fechheimer, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Turbo ventilation. 1,578,576; Mar. 30.
Bratt, Donald, Irwin, Pa., assignor to Westinghouse Electric & Manufacturing Company. Turbo ventilation utilizing baffles in air gap. 1,578,577; Mar. 30.
Breisch, Edgar W., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Lightning arrester. 1,578,578; Mar. 30.
Brill, Aron, New York, N. Y. Hand bell. Des. 69,793; Mar. 30.
Bristol Aeroplane Company, The. (See Fedden, Alfred H. R., assignor.)
Bronander, Wilhelm B., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Single-actuator cigar-bunch shaper. 1,578,579; Mar. 30.
Bronson, Adelbert E., and E. L. Fuller, assignors to The Dill Manufacturing Company, Cleveland, Ohio. Coupling. 1,578,504; Mar. 30.
Brouse, Charles W., Tyrone, Pa. Attachment for socket wrenches. 1,579,072; Mar. 30.
Brown, Ben C. (See Siegmund, H. O., and Brown.)
Brown, Julius M., assignor of one-half to T. J. Stewart, Dodsonville, Tex. Camp trailer. 1,578,390; Mar. 30.
Brown, N. W. (See Crabtree, Edward W., assignor.)
Brown, Phelps, Springfield, Mass. Magneto. 1,578,637; Mar. 30.
Browning, John M., Ogden, Utah. Firearm. 1,578,638; Mar. 30.
Browning, John M., Ogden, Utah. Firearm. 1,578,639; Mar. 30.
Brumitt, George E. (See Denson, W. L., and Brumitt.)
Bulley, George W., assignor to The Miller Rubber Company, Akron, Ohio. Sound amplifier. 1,578,391; Mar. 30.
Bullock, Harvey L., North White Plains, N. Y. Condensation drain device. 1,579,073; Mar. 30.
Bunn, Monroe, Lenox, and B. C. Robertson, Dyersburg, Tenn. Vending machine. 1,578,640; Mar. 30.
Burdett, Horace H., assignor to Draper Corporation, Hopedale, Mass. Builder mechanism for yarn spinning and winding machines. 1,579,190; Mar. 30.
Burger, John H., Evergreen, N. Y. Shoe heel. 1,578,261; Mar. 30.
Burton-Dixie Corporation. (See Burton, Oliver M., assignor.)
Burton, Oliver M., assignor to Burton-Dixie Corporation, Chicago, Ill. Mattress. 1,579,074; Mar. 30.
Bushnell, Charles S., Rochester, assignor to General Railway Signal Company, Gates, N. Y. Train control. 1,578,876; Mar. 30.
Byrd, Arthur E., assignor to Phoenix Hosiery Company, Milwaukee, Wis. Yarn guide. 1,578,710; Mar. 30.
Bywater, Norbert W., Louisville, Ky. Side inclosure for automobiles. 1,578,641; Mar. 30.
C. G. Spring & Bumper Company, The. (See Girl, Christian, assignor.)
Cable Company, The. (See Johanson, T. A., and Socin, assignors.)
Cadden, Charles C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for arranging looped articles. 1,578,392; Mar. 30.
Cadden, Charles C., Akron, and L. L. Lantzer and B. A. Evans, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for arranging looped articles. 1,578,393; Mar. 30.
Cahoone, George H., Company. (See Wacha, John C., assignor.)
Calhoun, Dorothea. (See Beauchamp, Dora F., assignor.)
Caminez, Harold, Farmingdale, N. Y. Piston construction for cam engines. 1,578,877; Mar. 30.
Campbell, Charles, New York, N. Y. Transfer sheet. 1,578,952; Mar. 30.
Campbell, Henry G., Perth, assignor of one-half to A. Stephens, Victoria Park, Western Australia, Australia. Rotary mixing device. 1,578,262; Mar. 30.
Campbell, Levin H., jr., U. S. Army, and E. F. Norelius, Davenport, Iowa. Vehicle of the type known as a tank. 1,578,310; Mar. 30.
Canadian Electro Products Company, Limited. (See Marshall, M. J., and Shaw, assignors.)
Carey, Philip, Manufacturing Company, The. (See Innes, Harry C., assignor.)
Carlson, Howard E., Minneapolis, Minn. Radiocabinet. 1,578,894; Mar. 30.
Caracristi, Virginius Z., Bronxville, assignor to Locomotive Pulverized Fuel Company, New York, N. Y. Means for the burning of pulverized fuel and gas. 1,578,953; Mar. 30.
Caracristi, Virginius Z., Bronxville, N. Y., assignor to Locomotive Pulverized Fuel Company. Apparatus for handling pulverized fuel. 1,578,954; Mar. 30.
Carlson, Eric, assignor to Stewart Manufacturing Corporation, Chicago, Ill. Die-casting machine. 1,578,580; Mar. 30.
Carpenter, Howard B., Pueblo, Colo. Horizontal coke oven. 1,579,075; Mar. 30.
Carr, William I., Bellingham, Wash. Automatic dado, equalizer, and variety woodworking machine. 1,578,801; Mar. 30.
Carusi, Charles F. (See Moebs, Joseph J., assignor.)
Case, Francis M., Cleveland, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 1,579,076; Mar. 30.
Case, Francis M., Cleveland, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Automatic fishing reel. 1,579,191; Mar. 30.
Casna, Charles J., assignor of one-fourth to A. P. J. Pinel and one-fourth to A. Pinel, Quincy, Mass. Internal-combustion engine. 1,578,581; Mar. 30.
Cate, Thomas M., Norfolk, Va. Rail joint and rail. 1,578,263; Mar. 30.
Caughlan, John H., Oakland, Calif. Ingredient for printing inks. 1,578,582; Mar. 30.
Ceelen, Jan, assignor to Rotterdamsche Machinefabriek "Braat", Rotterdam, Netherlands. Davit. 1,578,583; Mar. 30.
Celite Company, The. (See Zoul, Charles V., assignor.)
Chadd, Benjamin T. R., et al. (See Hayden, Edwin E., assignor.)
Champion Specialty Company. (See Flinn, John R., assignor.)
Chapin, Glen E., San Antonio, Tex. Water bicycle. 1,578,895; Mar. 30.
Cheek, Tolbert F., assignor to Welte-Mignon Corporation, New York, N. Y. Cabinet player. 1,579,192; Mar. 30.
Cheney, Herbert W., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electromagnetic switch mechanism. 1,578,878; Mar. 30.
Chenowith, William H., and G. C. Schimpf, assignors to H. D. Harvey, Baltimore, Md. Melting furnace. 1,579,077; Mar. 30.
Chicago Railway Equipment Company. (See Walker, Edward T., assignor.)
Chipman, Fred W., assignor to International Engineering Works, Inc., Framingham, Mass. Distributing tank for oil. 1,579,193; Mar. 30.
Chittenden, Coy W., Hazelwood, assignor of one-third to R. R. Sterling, Seattle, and one-third to E. L. Bonamy, Newcastle, Wash. Adjustable gauge. 1,578,955; Mar. 30.
Chrisman, Stewart, Waterloo, N. Y. Picker motion for looms. 1,579,078; Mar. 30.
Christ, Andrew, jr. (See Steinmann, August, assignor.)
Christopher, Florence R., Detroit, Mich. Hand bag. Des. 69,794; Mar. 30.
Church, William H., Calgary, Alberta, Canada. Combination knife and scissors sharpener. 1,578,264; Mar. 30.
Churchill, Adelbert E., Victoria, British Columbia, Canada. Combination fishing gaff. 1,578,711; Mar. 30.
Cincinnati Milling Machine Company, The. (See Einstein, Sol, assignor.)
Clark, Edgar M., New York, N. Y., assignor to Standard Development Company. Pyrogenesis of petroleum. 1,578,802; Mar. 30.
Clark, George H., Brooklyn, N. Y., assignor to Radio Corporation of America. Radio signaling system. 1,578,396; Mar. 30.
Clark, Hugh S., Elizabeth, N. J. Bumper support for vehicles. 1,578,956; Mar. 30.
Clark, William E., San Diego, Calif. Security device for clothing. 1,578,712; Mar. 30.
Clarke, Harry R., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Headband for telephone receivers. 1,578,642; Mar. 30.
Clatworthy, John, Plumstead, assignor to D. Gestetner, Limited, London, England. Duplicating with the aid of stencils. 1,579,079; Mar. 30.
Clausing, George, assignor to The Vulcan Last Company, Portsmouth, Ohio. Last. 1,578,713; Mar. 30.
Clauss, George E., assignor to The Ansonia O & C Company, Ansonia, Conn. Elastic webbing. 1,578,643; Mar. 30.
Clement, Charles M., San Rafael, Calif. Tire protector. 1,578,714; Mar. 30.
Cleveland, George B., Mobile, Ala. Combination desk and filing cabinet. 1,579,080; Mar. 30.
Cleveland Wrought Products Company, The. (See Kramer, Carl E., assignor.)
Clyde Iron Works. (See Bjorge, Oscar B., assignor.)
Clyde Iron Works. (See Frost, John T., assignor.)
Coates, Ray G., Pasadena, Calif. Connection for fire hose. 1,578,957; Mar. 30.
Cobe & Pratt. (See Davison, John A.)
Cobe, Ira M., et al. (See Davison, John A., assignor.)
Cole, Theodore S., New Haven, Conn., assignor to Safety Car Heating & Lighting Company. Connecting construction for batteries and the like. 1,578,265; Mar. 30.
Coleman, Wesley N., Jacksonville, Fla. Combination case. 1,579,081; Mar. 30.
Coll, Cornelius V. and T. A., Victor, Colo. Dust cap for automobiles. 1,579,082; Mar. 30.
Coll, Thomas A. (See Coll, Cornelius V. and T. A.)
Collier, Arthur. (See Oakley, Edward C. F., assignor.)
Collins, Michael, assignor of one-half to J. L. Allbands and R. E. Davis, Joplin, Mo. Fifth-wheel connection. 1,578,644; Mar. 30.
Collins, Walter G., Glendale, Calif. Mechanical movement. 1,579,083; Mar. 30.

Comey, Frederick H., Akron, assignor to The Falls Rubber Company, Cuyahoga Falls, Ohio. Tractive cover for tires. 1,578,803; Mar. 30.
Condit Electrical Manufacturing Corporation. (See Ainsworth, Chester D., assignor.)
Condit Electrical Manufacturing Corporation. (See O'Keefe, George W., assignor.)
Cone, Frank L., Windsor, Vt. Stock pusher. 1,578,397; Mar. 30.
Conley, Zed. (See Newsom, A. C., and Conley.)
Consolidated Expanded Metal Companies. (See Redding, E. T., and Cross, assignors.)
Continental Heater Corporation. (See Reed, Earle C., and H. C., assignors.)
Cook, Edgar P., Granville, Ohio. Air gun. 1,578,804; Mar. 30.
Cooke, William H., Dorchester, Mass. Arch-supporting member. 1,578,715; Mar. 30.
Cooley, Asa B., Hubbard Woods, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Tire. Des. 69,795; Mar. 30.
Cooley, Asa B., Hubbard Woods, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Tire. Des. 69,796; Mar. 30.
Coon, Edward W., Philadelphia, Pa. Ripening cheese. 1,579,196; Mar. 30.
Cooper, Eugene S., and C. Baker, Hammond, Ind., assignors to American Steel Foundries, Chicago, Ill. King post for truss bolsters. 1,578,398; Mar. 30.
Cooper, Francis W., and H. Steadworthy, Montreal, Quebec, Canada. Anchor and clip for rails and the like. 1,578,496; Mar. 30.
Cooper, Francis W., and H. Steadworthy, Montreal, Quebec, Canada. Anchor and clip for rails and the like. 1,578,497; Mar. 30.
Cooper, James H., assignor, by mesne assignments, to McCord Radiator & Mfg. Co., Detroit, Mich. Thermostat for radiators. 1,578,805; Mar. 30.
Copeland Products, Inc. (See De Luiz, Edward R., assignor.)
Corber Company et al. (See Anderson, John W., assignor.)
Corcoran, Cornelius B., New York, and A. G. F. Kurowski, Brooklyn, assignors to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,578,899; Mar. 30.
Cornazzani, Luis, Remedios Escalada, Argentina. System for electrically heating the ink rollers of printing presses. 1,579,084; Mar. 30.
Corning Glass Works. (See Gray, D. E., Boals, and Bailey, assignors.)
Cotner, David R., Phoenix, Ariz. Chair. 1,579,085; Mar. 30.
Cousineau, George L., Long Beach, Calif. Medicinal composition. 1,579,086; Mar. 30.
Cowles, Sidney O., Salisbury, Conn. Jar and can opener. 1,578,806; Mar. 30.
Crabtree, Edward W., Hillsboro, assignor of one-half to N. W. Brown, Orange County, N. C. Safety strap for shipping crates. 1,578,879; Mar. 30.
Craft, Edward B., Hackensack, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Sound reproduction. 1,578,645; Mar. 30.
Craft, Edward B., Hackensack, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone device for aiding the deaf. 1,578,646; Mar. 30.
Cramer, Albert N., assignor to The Owens Bottle Company, Toledo, Ohio. Machine for blowing glass articles. 1,578,400; Mar. 30.
Creed, Frederick G., Croydon, England. Keyboard perforator. 1,579,087; Mar. 30.
Crick, Walter, Hazelwood, England. Heel for boots and shoes. 1,579,088; Mar. 30.
Criner, Harry J., Bloomington, Ill. Removable wringer mechanism. 1,578,401; Mar. 30.
Cromer, Irving J., Kansas City, Mo. Swimming apparatus. 1,578,584; Mar. 30.
Crompton & Knowles Loom Works. (See Holmes, Elbridge R., assignor.)
Cross, Charles C., Philadelphia, Pa. Game. 1,578,402; Mar. 30.
Cross, Leonard W. (See Redding, E. T., and Cross.)
Crossman, Henry, Toledo, Ohio. Pocketbook holder. 1,578,807; Mar. 30.
Cummins, Norman W., Bridgeport, Conn., assignor to The Bassick Manufacturing Company, Chicago, Ill. Coupling. 1,578,808; Mar. 30.
Cunningham, Katherine E., assignor to The H. W. Gossard Co., Chicago, Ill. Corset. 1,578,716; Mar. 30.
Currier, Hiram D., Chicago, and G. R. Eaton, Oak Park, assignors to Kellogg Switchboard and Supply Company, Chicago, Ill. Telephone system. 1,578,809; Mar. 30.
Cutler-Hammer Mfg. Co., The. (See Milburn, William R., assignor.)
Cutler-Hammer Mfg. Co., The. (See Seeger, Edwin W., assignor.)
Dahlbert & Company. (See Munroe, Treadway B., assignor.)
Dailey, Joseph E. (See Bonde, John E., assignor.)
Dake, Walter M. (See Walter, R. A., and Dake.)
Dall, Benjamin L., River Forest, Ill. Tobacco pipe. 1,578,810; Mar. 30.
Daniels, Ernest S., Washington, D. C. Shipping box or case structure. 1,578,403; Mar. 30.
Daniels, Ernest S., Washington, D. C. Spline-feeding hopper and stacker. 1,578,404; Mar. 30.
Daoust, Joseph, Detroit, Mich. Device for looking under water. 1,578,958; Mar. 30.
D'Ascenzo, Angelo, Denver, Colo. Removing gas and dust from mines. 1,578,814; Mar. 30.
Dath, Charles E., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Hand brake for railway cars. 1,578,266; Mar. 30.
Daubmeyer, Dewey C., Detroit, Mich. Error indicator for tabulation cards. 1,578,717; Mar. 30.
Davidson, Benjamin, Los Angeles, Calif. Wardrobe trunk. 1,578,959; Mar. 30.
Davis, Albert J., New York, N. Y. Pasteurizing apparatus. 1,578,267; Mar. 30.
Davis, Alex B., Cincinnati, Ohio, assignor to A. B. Dick Company, Chicago, Ill. Stencil sheet and coating solution therefor. 1,578,960; Mar. 30.
Davis, Frank S. (See Beatty, W. T., Davis, and Wilson.)
Davis, Harry A., assignor to Draper Corporation, Hopedale, Mass. Shuttle feeler for looms. 1,579,194; Mar. 30.
Davis, John B., Springfield, Mass., assignor to Gilbert & Barker Manufacturing Company. Liquid-dispensing apparatus. 1,578,585; Mar. 30.
Davis, Lawrence V., South Bend, Ind. Roller skate. 1,578,811; Mar. 30.
Davis, R. E., et al. (See Collins, Michael, assignor.)
Davis, Thomas M., assignor of one-half to E. W. McKinney, Los Angeles, Calif. T-square guide. 1,578,586; Mar. 30.
Davison, John A., Vancouver, British Columbia, Canada, assignor of one-half to I. M. Cobe and S. C. Pratt, doing business as Cobe & Pratt, New York, N. Y. Shoe-polishing cloth. 1,579,089; Mar. 30.
Dawes, Chester L., and W. A. Boughton, Cambridge, assignors to New England Mica Company, Waltham, Mass. Insulating bodies and producing them. 1,578,812; Mar. 30.
Dawes, Chester L., and W. A. Boughton, Cambridge, assignors to New England Mica Company, Waltham, Mass. Composite insulating bodies and producing them. 1,578,813; Mar. 30.
Day, J. H., Company, The. (See Moores, Joel, assignor.)
De Agostini, Gerardo, Campolattaro, Italy. Automatic gate for railway crossings. 1,578,587; Mar. 30.
De Béthune, Gaston, and R. Vahrenkampf, assignors to Société Nationale d'Industrie Chemique en Belgique, Société Anonyme, Brussels, Belgium. Producing alkaline-metal sulphides. 1,578,718; Mar. 30.
De Cew, Judson A., Mount Vernon, N. Y. Hydration in paper making using friction. 1,578,405; Mar. 30.
Dedouch, Joseph A., Oak Park, Ill. Medallion mounting. 1,578,406; Mar. 30.
Defries, Colin, et al. (See Johnson, E. W., assignor.)
Defries, Donald C., et al. (See Johnson, Ernest W., assignor.)
Deguide, Camille, Enghien, France. Treatment of molasses and sugary juices with a view to the recovery of the sugar. 1,579,090; Mar. 30.
De Lavaud, Dimitri S., Paris, France. Variable-speed transmission. 1,578,268; Mar. 30.
Delco-Light Company. (See Lee, Ralph L., assignor.)
De Luiz, Edward R., assignor to Copeland Products, Inc., Flint, Mich. Compressor. 1,578,880; Mar. 30.
Demarest, Charles S., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Signaling arrangement for four-wire circuits. 1,578,269; Mar. 30.
De Meo, Giovanni, Genoa, Italy. Propelling system for ships. 1,578,647; Mar. 30.
Dennington, Arthur R., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company. Lighting system. 1,578,719; Mar. 30.
Denson, Walter L., and G. E. Brumitt, Spartanburg, S. C. Adjustable dividing cam. 1,579,091; Mar. 30.
Derby, Earle, San Francisco, Calif. Oil-well pump. 1,578,720; Mar. 30.
De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Electric snap switch. 1,579,092.
De Silva, Franzie A., New York, N. Y. Cast or molded articles. 1,579,093; Mar. 30.
Deutsch, Hans. (See Friedmann, L., and Deutsch.)
Dewey & Almy Chemical Company. (See Dewey, B., and Miller, assignors.)
Dewey, Bradley, Cambridge, Mass., and T. T. Miller, Orange, N. J., assignors to Dewey & Almy Chemical Company, Cambridge, Mass. Conditioning can covers for sealing. 1,578,407; Mar. 30.
Diamond Crystal Salt Company. (See Gannon, Joseph J., assignor.)
Dick, A. B., Company. (See Davis, Alex B., assignor.)
Dickson, James T., Los Angeles, Calif. Fluid-pressure clutch. 1,578,815; Mar. 30.
Diday, Jesse N., assignor to The Belmont Casket Company, Columbus, Ohio. Hinge. 1,578,408; Mar. 30.
Diesel, Lambert, Chicago, Ill. Antiglare device for headlights. 1,578,721; Mar. 30.
Dietzmann, Eugen J., Los Angeles, Calif. Electric-lighting fixture. Des. 69,797; Mar. 30.
Dill Manufacturing Company, The. (See Bronson, A. E., and Fuller, assignors.)

Diserens, Paul, assignor to Worthington Pump & Machinery Corporation, New York, N. Y. Pump. 1,578,498; Mar. 30.
Disser, Louis J., sr., Ferguson, Mo. Vending machine. 1,578,270; Mar. 30.
Ditmore, George W., Albany, N. Y., and C. W. Sherman, Hamilton, Ontario, Canada. Draft yoke. 1,578,499; Mar. 30.
Ditson, Jesse, Littleton, Colo., assignor to Ingersoll Rand Company, Jersey City, N. J. Forging machine for coal-cutter picks. 1,578,500; Mar. 30.
Dorfman, Leo, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrical measuring instrument. 1,578,501; Mar. 30.
Dorr, Company, The. (See Aukeny, Clement W., assignor.)
Downs, Lincoln S., East Cleveland, Ohio. Tire-valve closure. 1,578,961; Mar. 30.
Doyle, James S. (See Hedley, F., and Doyle.)
Draper, Corporation. (See Burdett, Horace H., assignor.)
Draper Corporation. (See Davis, Harry A., assignor.)
Dravo Contracting Company, The. (See Kersting, B. H., and Edwards, assignors.)
Drescher, Theodore B., Rochester, N. Y. Indicating instrument. 1,578,722; Mar. 30.
Dreyfus, Henry, London, England. Manufacture of viscose. 1,578,588; Mar. 30.
Dubilier Condenser & Radio Corporation. (See Vawter, Charles E., assignor.)
Dull, Raymond W., Chicago, Ill., and F. J. Oakes, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill. Noiseless chain. 1,578,271; Mar. 30.
Duncan, Joseph S., assignor to Addressograph Company, Chicago, Ill. Printing machine. 1,578,962; Mar. 30.
Duncan, Robert D., jr., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Polyphase-carrier-current broadcasting system and generator. 1,578,881; Mar. 30.
Dunham, James W., Burnaby, British Columbia, Canada. Protractor attachment for squares. 1,579,197; Mar. 30.
Dunlap, William A., Pittsburgh, Pa. Bolt construction. 1,578,963; Mar. 30.
Dunlop Tire & Rubber Goods Co., Limited. (See Westren, John, assignor.)
Duphiney, Philip, Waterbury, Conn. Ceiling hanger. 1,578,964; Mar. 30.
Duplessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastener-supplying device. 1,578,272; Mar. 30.
Du Pont, E. I., de Nemours & Company. (See Weltz, Earl H., assignor.)
Dura Company, The. (See Nicholson, Stanley W., assignor.)
Dutchess Tool Company. (See Van Houten, Frank H., assignor.)
Duty, Spencer M., assignor to The Medal Brick and Tile Company, Cleveland, Ohio. Forming face brick. 1,578,409; Mar. 30.
Dyer, Yulee A., Cave Spring, Ga. Melting metals. 1,578,648; Mar. 30.
Earl, Schuyler H., assignor to Gleason Works, Rochester, N. Y. Chamfering gears. 1,578,589; Mar. 30.
Earle, Ralph H., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Prime-mover control system. 1,578,882; Mar. 30.
Eaton Axle and Spring Company, The. (See Mathews, Verner P., assignor.)
Eaton, George R. (See Currier, H. D., and Eaton.)
Eck, Henry J., assignor to Roberts & Schaefer Company, Chicago, Ill. Automatic reversible hoist. 1,578,965; Mar. 30.
Economy Dyeing Machine Corporation. (See Thomayer, George T., assignor.)
Edelmann, Louis A., assignor to Unico Motor Products Corporation, St. Louis, Mo. Chuck. 1,578,966; Mar. 30.
Edwards, Frank W., Chicago, Ill. Supporting and positioning means for flange-oiler pipes and nozzles. 1,579,094; Mar. 30.
Edwards, Harry L., assignor by direct and mesne assignments of one-half to G. H. L. Kent, Houston, and one-sixth to R. Richmond, Corsicana, Tex. Treating apparatus for crude oil. 1,578,273; Mar. 30.
Edwards, John C., Utica, N. Y. Latch-lever lock. 1,579,095; Mar. 30.
Edwards, Vere B. (See Kersting, B. H., and Edwards.)
Eifried, Petar, Passaic, N. J. Combined pot and lid lifter. 1,578,816; Mar. 30.
Einstein, Sol, assignor, by mesne assignments, to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Splash-oiled half-bearing for grinders. 1,578,967; Mar. 30.
Elder, Calvin, assignor to M. M. Elder, St. Joseph, Mo. Traffic signals. 1,578,410; Mar. 30.
Elder, Mary M. (See Elder, Calvin, assignor.)
Eldred, Byron E., Great Neck, and R. N. Graham, Long Island City, N. Y., assignors, by direct and mesne assignments, to National Carbon Company, Inc. Treating particles of matter. 1,578,274; Mar. 30.
Elektrizitäts-Aktiengesellschaft vormals Schuckert & Co. (See Pets, Franz, assignor.)
Elliott, John A., Memphis, Tenn. Valve. 1,579,096; Mar. 30.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Fluxed resinous composition and making same. 1,579,195; Mar. 30.
Ellis-Foster Company. (See Ellis, Carleton, assignor.)
Ely, Frederick W., Erie, Pa. Bendix drive tool. 1,578,649; Mar. 30.
Emsco Tool Company. (See Gordon, Wilbert E., assignor.)
Enterprise Manufacturing Company, The. (See Case, Francis M., assignor.)
Enterprise Manufacturing Company of Pennsylvania, The. (See Asbury, Harry E., assignor.)
Erb, George G. (See Lake, James, jr., assignor.)
Erdman, Harry H., Ridgway, Pa. Commutator and slip ring brush shunt connection. 1,579,097; Mar. 30.
Erickson, John, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Electromagnetic relay. 1,578,411; Mar. 30.
Erie Steam Shovel Company. (See Armstrong, Edwin J., assignor.)
Estes, Marshall A., Estes, Va. Vehicle propelling means. 1,578,883; Mar. 30.
Estwing, Ernest O., assignor to Estwing Manufacturing Company, Inc., Rockford, Ill. Hand tool. 1,578,502; Mar. 30.
Estwing Manufacturing Company. (See Estwing, Ernest O., assignor.)
Evans, Benjamin A. (See Cadden, C. C., Lantzer, and Evans.)
Evans, Fred, Summit, N. J., assignor, by mesne assignments, to Voices Incorporated. Talking-toy mechanism. 1,578,503; Mar. 30.
Ewig, Julius, Springfield, Mass. Game device. 1,578,412; Mar. 30.
Eyster, William H., Indianapolis, Ind. Upholstery strip. 1,578,413; Mar. 30.
Fafnir Bearing Company, The. (See Reynolds, Harry R., assignor.)
Fairgrieve, John G. (See Hunter, W., and Fairgrieve.)
Falls Rubber Company, The. (See Comey, Frederick H., assignor.)
Fancher, Clarence, Hudson Falls, N. Y. Paper-pulp screen. 1,578,590; Mar. 30.
Fannin, Spencer, Flint, Mich. Key holder. 1,578,968; Mar. 30.
Farbenfabriken vorm. Friedr. Boyer and Co. (See Hencky, Karl, assignor.)
Farnham, Stephen H., Brooklyn, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,578,650; Mar. 30.
Farwell, Albert W., Sterling, assignor to Simonds Saw and Steel Company, Fitchburg, Mass. Gauge for molding knives. 1,578,884; Mar. 30.
Faunce, Benjamin F., Westmont Borough, Pa. Manipulator. 1,578,414; Mar. 30.
Fear, Ernest D., Seattle, Wash. Making ice cream. 1,578,591; Mar. 30.
Fechheimer, Carl J. (See Bratt, D., and Fechheimer.)
Fechheimer, C. J. (See Gilman, R. E., Bratt, and Fechheimer.)
Fedden, Alfred H. R., Bristol, assignor to The Bristol Aeroplane Company, Limited, Gloucester, England. Construction of joint comprising members of different thermal expansions. 1,579,098; Mar. 30.
Federated Engineers Development Corporation. (See Glover, Truman J., assignor.)
Feiss, Richard A., assignor to The Joseph & Feiss Co., Cleveland, Ohio. Garment and making it. 1,578,969; Mar. 30.
Fellows, Mel, Chicago, Ill. Pneumatic and cushion head. 1,578,723; Mar. 30.
Fernstrom, George W., Washington, D. C. Display stand. 1,579,099; Mar. 30.
Ferris, Howard J., assignor to Hunt, Helm, Ferris & Company, Harvard, Ill. Coasting device. 1,578,415; Mar. 30.
Feser, Fritz, Frankfort-on-the-Main, Germany. Preventing bagging at the knees of men's trousers. 1,578,070; Mar. 30.
Fetzer, Karl M., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone-exchange system. 1,578,651; Mar. 30.
Fetzer, Theodore, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Cigarette-machine catcher. 1,578,505; Mar. 30.
Finney, James M. (See Schroeder, Anthony, assignor.)
Fischer, Charles, New York, N. Y. Take-up spring. 1,578,817; Mar. 30.
Fish, F. K., jr. (See Kempkey, Augustus, assignor.)
Fisher, Albert A., assignor to Universal Cement Casket Corporation, Buffalo, N. Y. Burial casket. 1,578,652; Mar. 30.
Fitzgerald, James J., New York, N. Y. Air turbine. 1,578,818; Mar. 30.
Fleischmann, Lionel, Berlin, Germany, assignor to General Electric Company. Speed-control system. 1,578,971; Mar. 30.
Fleischmann, Lionel, Berlin, Germany, assignor to General Electric Company. Speed-control system. 1,578,972; Mar. 30.
Fletcher, Robert W. J., Edinburgh, Scotland. Mechanically-driven percussive tool. 1,578,275; Mar. 30.
Flinn, John R., Johnstown, Pa., assignor to Champion Specialty Company. Curb box and cock support. 1,578,885; Mar. 30.

Florkey, Clarence E., assignor to The Schieble Toy and Novelty Company, Dayton, Ohio. Wheeled toy. 1,578,592; Mar. 30.
Florkey, Clarence E., assignor to The Schieble Toy and Novelty Company, Dayton, Ohio. Wheeled toy. 1,578,593; Mar. 30.
Florkey, Clarence E., assignor to The Schieble Toy and Novelty Company, Dayton, Ohio. Wheeled toy. 1,578,594; Mar. 30.
Foose, Edward, Washington, D. C. Sheet-metal cabinet and locker. 1,578,276; Mar. 30.
Forbes Lithograph Manufacturing Company. (See Thayer, Lester, assignor.)
Forbes, Thomas C. (See Kempien, August J.)
Force, Jonathan, Livingston, N. J. Arc device. 1,578,973; Mar. 30.
Ford, William W., Pittsburgh, Pa. Nut lock. 1,578,974; Mar. 30.
Forsyth, George H., Chicago, Ill., assignor to Motor Wheel Corporation, Lansing, Mich. Disk wheel. 1,578,975; Mar. 30.
Foster, C. Hays, et al. (See Phillips, James M. and H. D., assignors.)
Fowble, Archie, Dayton, Ohio. Shock absorber. 1,578,976; Mar. 30.
Fox Automotive Products Corporation. (See Godshalk, Clarence A., assignor.)
Fox Automotive Products Corporation. (See Truman, Ernest, assignor.)
Frantz, Emile, San Francisco, Calif. Sound-producing device. 1,578,595; Mar. 30.
Franklin, H. H., Manufacturing Company. (See Vernet, Sergius, assignor.).
Fraser, William, Dobbs Ferry, N. Y. Brake. 1,579,100; Mar. 30.
Frasse, William H., Newark, N. J. Combined condenser and resistance unit. 1,578,977; Mar. 30.
Frazier, John J., Rushville, Ind. Cultivator. 1,578,886; Mar. 30.
Frease, Hurxthal F., Canton, Ohio. Structural material. 1,578,416; Mar. 30.
Frease, Hurxthal F. (See Rank, H. L., and Frease.)
Freeland, Ansel, Nevada, Iowa. Display container. 1,578,819; Mar. 30.
Freyn, Brassert & Company. (See Willcox, Frederick H., assignor.)
Frieder, Leonard P. (See Roe, E. O., and Frieder.)
Friedman, Jacob, New York, N. Y. Rubbing or kneading machine. 1,579,101; Mar. 30.
Friedmann, Louis, and H. Deutsch, Vienna, Austria. Steam injector operating with live steam and exhaust steam. 1,578,978; Mar. 30.
Frisk, Oskar. (See Rubelli, F. R., and Frisk.)
Fritz, Lewis, Chicago, Ill. Attachment for fountain pens and the like. 1,578,596; Mar. 30.
Frohne, Albin, assignor to American Flyer Manufacturing Company, Chicago, Ill. Control switch for toy electric railways and the like. 1,578,597; Mar. 30.
Frost, John T., assignor to Clyde Iron Works, Duluth, Minn. Throttle control for gas engines and the like. 1,578,887; Mar. 30.
Frübing, Georg, Berlin-Wilmersdorf, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Automatic telephone-exchange system. 1,578,417; Mar. 30.
Fuchs & Lang Manufacturing Company, The. (See Lipton, M., Haenlein, and Hill, assignors.)
Fuller, Ernest L. (See Bronson, A. E., and Fuller.)
Fuller-Lehigh Company. (See Thomas, John W., assignor.)
Fuller, Truman S., and D. Basch, Schenectady, N. Y., assignors to General Electric Company. Aluminum alloy. 1,578,979; Mar. 30.
Fulton Company, The. (See Giesler, Jean V., assignor.)
Gafvert, Sven A., New York, N. Y. Meter mounting. 1,578,506; Mar. 30.
Gale, Charles E., Weymouth, assignor, by mesne assignments, to Greenfield Tap and Die Corporation, Greenfield, Mass. Rotary cutting tool. 1,579,102; Mar. 30.
Gallagher, Alfred H., assignor to Tanners Products Company, Chicago, Ill. Method and apparatus for beveling felt. 1,578,653; Mar. 30.
Gallagher, Fred W. (See Smith, N., and Gallagher.)
Ganahl, Joseph A., Los Angeles, Calif. Weightless window-sash support. 1,578,507; Mar. 30.
Gannon, Joseph J., Port Huron, assignor to Diamond Crystal Salt Company, St. Clair, Mich. Dispenser for granular material. 1,578,418; Mar. 30.
Gannon, Joseph J., Port Huron, assignor to Diamond Crystal Salt Company, St. Clair, Mich. Combined discharge and closure device. 1,578,419; Mar. 30.
Ganong, Theodore B., and H. H. Mead, Quincy, Mich. Rack for rolls of material. 1,578,888; Mar. 30.
Garbutt, Harry L., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Insulator. 1,578,508; Mar. 30.
Gardner, John F., assignor to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,578,420; Mar. 30.
Garrabrant, Harold E. (See Poole, John S., assignor.)
Garton, John T., Toronto, Ontario, Canada. Floor waxer and polisher. 1,578,421; Mar. 30.
Gasser, Annie. (See Gasser, Gottfried F., assignor.)
Gasser, Gottfried F., assignor to A. Gasser, Atlanta, Ga. Burglar-alarm system. 1,578,980; Mar. 30.
Gelbert, Alfred, Chicago, Ill. Making a lustrous fabric. 1,578,981; Mar. 30.
General Electric Company. (See Alexanderson, Ernst F. W., assignor.)
General Electric Company. (See De Reamer, Frank C., assignor.)
General Electric Company. (See Fleischmann, Lionel, assignor.)
General Electric Company. (See Fuller, T. S., and Basch, assignors.)
General Electric Company. (See Kingdon, Kenneth H., assignor.)
General Electric Company. (See Langmuir, Irving, assignor.)
General Electric Company. (See Miller, Levi B., assignor.)
General Electric Company. (See Miner, Ellsworth F., assignor.)
General Motors Corporation. (See Hochwalt, Carroll A., assignor.)
General Railway Signal Company. (See Bushnell, Charles S., assignor.)
Gerdes, Theodore R. N., New York, N. Y. Therapeutic treatment. 1,578,654; Mar. 30.
Gere, Clarence M., Brodhead, Wis., assignor to Kraft Cheese Company, Chicago, Ill. Skim-cheese manufacture. 1,578,820; Mar. 30.
Gerow, Gilber W., Vail Gate, N. Y. Shaving unit. 1,579,103; Mar. 30.
Geshickter, Charles F., Washington, D. C. Window screen. 1,578,277; Mar. 30.
Gesteteer, D., Limited. (See Clatworthy, John, assignor.)
Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Inclosed quick-make and quick-break switch. 1,578,422; Mar. 30.
Geyer, Harvey D., assignor, by mesne assignments, to The Inland Manufacturing Company, Dayton, Ohio. Handwheel and making the same. 1,578,821; Mar. 30.
Geyer, Leopold, assignor to Edgar Tafler & Company, Vienna, Austria. Spring-suspension arrangement more particularly for power-driven vehicles. 1,578,278; Mar. 30.
Gibson, George H., Montclair, N. J. Measuring and control apparatus. 1,578,279; Mar. 30.
Gibson, George H., Montclair, N. J. Heater regulation. 1,578,280; Mar. 30.
Gibson, George W., and H. L. Stewart, Humphrey, Ark. Insect destroyer. 1,578,423; Mar. 30.
Gidney, Clarence E., Sawtelle, Calif. Closure latch. 1,578,598; Mar. 30.
Giesler, Jean V., assignor to The Fulton Company, Knoxville, Tenn. Safety device. 1,578,599; Mar. 30.
Gilbert & Barker Manufacturing Company. (See Davis, John B., assignor.)
Gilman, Ralph E., Pittsburgh, D. Bratt, Irwin, and C. J. Fechheimer, Pittsburgh, Pa., assignors to Westinghouse Electric & Manufacturing Company. Fluid-pressure control of turbo ventilation. 1,578,509; Mar. 30.
Gilman, Ralph E., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Turbo ventilation. 1,578,510; Mar. 30.
Gilson, Bert D., Chicago, Ill. Collision shock absorber. 1,578,281; Mar. 30.
Gilson, Lorenzo H., assignor to P. E. Barbour, trading as Barbour Welting Company, Brockton, Mass. Shoe or analogous article. Des. 69,798; Mar. 30.
Girl, Christian, assignor to The C. G. Spring & Bumper Company, Detroit, Mich. Bumper. Re16,303; Mar. 30.
Gladwin, Frederic E., Los Angeles, Calif. Wall construction. 1,578,511; Mar. 30.
Gleason Works. (See Earl, Schuyler H., assignor.)
Gloster, Leonard J., Birmingham, England. Decorative material for ornamental panels, plaques, or the like. 1,578,982; Mar. 30.
Glover, Truman J., Millburn, assignor to Federated Engineers Development Corporation, Jersey City, N. J. Label-handling mechanism. 1,578,822; Mar. 30.
Godshalk, Clarence A., assignor to Fox Automotive Products Corporation, Philadelphia, Pa. Securing together against rotation the parts of gear casings. 1,578,424; Mar. 30.
Goggins, Fred J., Los Angeles, Calif., assignor of one-half to F. W. Kenney, Chicago, Ill. Coin-controlled metering device for washing machines. 1,578,655; Mar. 30.
Goldrick, Albert R., assignor, by mesne assignments, to A. E. Hodgins, Cleveland, Ohio. Vehicle spring cover. 1,578,425; Mar. 30.
Goodrich, B. F., Company, The. (See Cadden, Charles C., assignor.)
Goodrich, B. F., Company, The. (See Cadden, C. C., Lantzer, and Evans, assignors.)
Gordon, James H., Irvington, N. J. Machine for crimping polygonal cans. 1,578,426; Mar. 30.
Gordon, Wilbert E., Los Angeles, Calif., assignor to Emsco Tool Company. Crown-block bolt. 1,578,656; Mar. 30.
Gossard, H. W., Co., The. (See Cunningham, Katherine E., assignor.)
Gossett, John W., Richmond, Ind. Automatic train stop. 1,578,984; Mar. 30.
Gossett, Robert W., assignor to Manufacturers' Equipment Company, Spartanburg, S. C. Loom gear. 1,578,983; Mar. 30.

Gould Coupler Company, The. (See Sauvage, William H., assignor.)
Goulds Manufacturing Company. (See Samelson, Bernard, assignor.)
Gouverneur, Minor F. H., Rochester, N. Y., assignor, by mesne assignments, to Locke Insulator Corporation, Baltimore, Md. Insulator. 1,579,174; Mar. 30.
Graham & Norton Company. (See Norton, Clifford, assignor.)
Graham, Robert N. (See Eldred, B. E., and Graham.)
Granovsky, Albert A., New York, N. Y. Verminproof mattress. 1,579,104; Mar. 30.
Grass, Oliver R., St. Louis, Mo. Fuel-supply system for motor vehicles. 1,578,985; Mar. 30.
Gravely, Julian S., Wytheville, Va., assignor to Winchester Repeating Arms Company, New Haven, Conn. Focusing handlamp. 1,578,512; Mar. 30.
Graves, Charles G., Cedar Grove, La. Vending machine. 1,578,986; Mar. 30.
Gray, Davis E., H. R. Boals, and J. Bailey, assignors to Corning Glass Works, Corning, N. Y. Apparatus for shaping glass articles. 1,578,427; Mar. 30.
Greatrix, Henry, Niagara Falls, Ontario, Canada. Combined stone and root gatherer. 1,578,600; Mar. 30.
Green, James A., Vancouver, Wash. Fish elevator. 1,579,105; Mar. 30.
Green, Walter R., Chicago, Ill. Tire carrier. 1,578,823; Mar. 30.
Greene, Mark H., administrator. (See Thrasher, Orville, A.)
Greenfield Tap and Die Corporation. (See Gale, Charles E., assignor.)
Greer, William E., Enos, Okla. Incubator. 1,578,657; Mar. 30.
Gregg, Wilks B., Chicago, Ill. Grab bucket. 1,578,724; Mar. 30.
Greiner, Walter J. (See Steffan, W. C., Ackermann, and Greiner.)
Greeve, Edgar E., Bellevue, Pa. Make-up post for rotary drilling apparatus. 1,578,428; Mar. 30.
Grimsrud, Gustave, Antelope, Mont. Weed-destroying attachment for disk harrows. 1,578,282; Mar. 30.
Grindle, Aubrey J., Chicago, assignor to Grindle Fuel Equipment Company, Harvey, Ill. Switching valve. 1,578,429; Mar. 30.
Grindle Fuel Equipment Company. (See Grindle, Aubrey J., assignor.)
Griscom-Russell Company. The. (See Jones, R. C., and Price, assignors.)
Gromeeko, John. (See Trootneff, M., and Gromeeko.)
Grosset, Paul, Altona-Ottensen, Germany. Screw joint. 1,578,311; Mar. 30.
Guinn, Samuel E., Johnson City, Tenn., assignor to S. E. Guinn Manufacturing Co., Cincinnati, Ohio. Cigar lighter. 1,578,430; Mar. 30.
Guinn, Samuel E., Johnson City, Tenn., assignor to S. E. Guinn Manufacturing Co., Cincinnati, Ohio. Combined match holder and ash receiver. 1,579,106; Mar. 30.
Guinn, S. E., Manufacturing Co. (See Guinn, Samuel E., assignor.)
Gustafson, Edna V. (See Welch, Horace H., assignor.)
Hackney, Isaac M., Wichita, Kans. Acetylene generator. 1,578,725; Mar. 30.
Haenlein, Louis. (See Lipton, M., Haenlein, and Hill.)
Haines, Harry F. (See Miller, G. L., and Haines.)
Hall, Preston M., Worcester, and W. Remington, Swampscott, assignors to Thomson Electric Welding Company, Lynn, Mass. Removing the burr formed in welding. 1,578,658; Mar. 30.
Hall, William B., assignor to Union Railway Equipment Company, Chicago, Ill. Coupler release rigging. 1,578,601; Mar. 30.
Haman, Wendelin, Berwick, N. Dak. Hay-stacking device. 1,578,431; Mar. 30.
Hamilton, Ernest C., and W. C. Poe, Los Alamitos, Calif. Transferring and transporting articles and commodities. 1,578,726; Mar. 30.
Hamilton, Franklin A., Three Forks, Mont. Spare-tire-carrying and rim-removing device. 1,578,987; Mar. 30.
Hamilton, Henry C., and G. W. Bailey, Spokane, Wash. Stove. 1,578,432; Mar. 30.
Hammer, Ervin J., Miller City, Ohio. Beet topper. 1,578,283; Mar. 30.
Hammond, John H., Jr., Gloucester, Mass. System and method of production of continuous oscillations. 1,578,513; Mar. 30.
Hanle, Frank L., Arlington, N. J. Locking device. 1,579,107; Mar. 30.
Hannold, Leland S. (See Hunter, H. F., and Hannold.)
Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device for flat-piston motors. 1,578,433; Mar. 30.
Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Spring sinker handle for drifters. 1,578,434; Mar. 30.
Hardy, Charles, assignor to Amsco Products, Inc., New York, N. Y. Multiple-purpose rheostat. 1,578,988; Mar. 30.
Hardy, T., and Company, Limited. (See Hardy, Thomas, assignor.)
Hardy, Thomas, assignor to T. Hardy and Company, Limited, Manchester, England. Fastening means for garments. 1,578,284; Mar. 30.
Hardyman, Maurice A., Charlton, assignor to J. H. Bailey, London, England. Sound box for talking machines. 1,578,285; Mar. 30.

Hargan, Matt R., et al. (See Phillips, James M. and H. D., assignors.)
Harmatta, Johann, Budapest, Hungary. Producing pipes by electrically welding. 1,578,286; Mar. 30.
Harmon, T. T. (See Schinesselburg, George, assignor.)
Harreld, Herschel V., Hedrick, Iowa. Device for drying corn. 1,578,989; Mar. 30.
Harris, Thomas H., Riverton, Ill. Lock washer and nut. 1,578,889; Mar. 30.
Harris, Thomas S., assignor to The Ayer Company, Lowell, Mass. Carton. Des. 69,799; Mar. 30.
Harrison, Henry C., Port Washington, assignor to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 1,578,659; Mar. 30.
Harshton, Zell F., Chicago, Ill. Belt. 1,578,727; Mar. 30.
Hart, Russell, Los Angeles, Calif. Photographic means for recording sound. 1,578,514; Mar. 30.
Harter, Clarence J., Syracuse, N. Y. Apparatus for testing the accuracy of gear teeth cutters. 1,579,108; Mar. 30.
Hartmann, Julius F. G. P., Copenhagen, Denmark. Electrode for jet-wave commutators and interrupters. 1,578,287; Mar. 30.
Hartwig, William J. (See Taleen, Carl C., assignor.)
Harvey, Harvey D. (See Chenowith, W. H., and Schimpf, assignors.)
Harvey, Walter O (See Marx, H. J., and Harvey.)
Haseley, Jonas J., Sanborn, N. Y. Displacement-varying means. 1,579,109; Mar. 30.
Hastings, Mark, Ridgefield, Conn. Mowing machine. 1,578,728; Mar. 30.
Haseltine, Stacy B., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Friction shock-absorbing mechanism. 1,578,312; Mar. 30.
Hatch, William M., et al. (See Nelson, Lewis D., assignor.)
Haug, Anton J., assignor to Improved Paper Machinery Company, Nashua, N. H. Method of and apparatus for making paper. 1,578,729; Mar. 30.
Hayakawa, Tokuji, Tokyo, Japan. Propelling pencil. 1,578,515; Mar. 30.
Hayden, Edwin R., North Preston, Victoria, assignor of one-third to B. T. R. Chadd and one-third to W. H. J. Bailey, Ivanhoe, Melbourne, Australia. Manufacture of boots and shoes 1,578,890; Mar. 30.
Headley, Frederick H., assignor to Tan Sad Limited, Birmingham, England. Perambulator, baby carriage, and like vehicle. 1,578,516; Mar. 30.
Heath, Walter A., Chicago, Ill. Hand truck. 1,578,602; Mar. 30.
Hedden, Charles A., Oak Park, assignor to Armour & Company, Chicago, Ill. Vanity case. 1,578,435; Mar. 30.
Hedglon, Mead. (See Wilkinson, G. C., and Hedglon.)
Hedley, Frank, Yonkers, and J. S. Doyle, Mount Vernon, N. Y. Turnstile mechanism. 1,578,660; Mar. 30.
Hein, George N., San Francisco, Calif. Valve piston and barrel construction for hypodermic syringes. 1,578,517; Mar. 30.
Heintz, Ernest E., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Window-regulator spring assembly. 1,578,990; Mar. 30.
Hencky, Karl, assignor to Farbenfabriken vorm. Friedr. Bayer and Co., Leverkusen, near Cologne, Germany. Apparatus and method for regulating the temperature of superheated steam. 1,578,313; Mar. 30.
Hendry, William F., Ossining, assignor to Manhattan Electrical Supply Company, Incorporated, New York, N. Y. Dry cell. 1,578,891; Mar. 30.
Henneman, Karel F., assignor of one-half to P. Kerkhoven, The Hague, Netherlands. Electric heating apparatus for liquids. 1,578,603; Mar. 30.
Henriksen, Alfred, N. A. Stephens, and V. Zbyshevski, Ponca City, Okla. Apparatus for testing oils. 1,578,780; Mar. 30.
Henshaw, Holmes H., Hollywood, and W. H. Taylor, Pomona, Calif. Apparatus for indicating the pressure of the drill bit or casing on the formation. 1,578,518; Mar. 30.
Herb, Frederick, Brooklyn, assignor, by mesne assignments, to R. Hoe and Co. Inc., New York, N. Y. Sheet-control mechanism. 1,578,436; Mar. 30.
Herbst, William K., Hillside, and R. H. Stone, Irvington, N. J. Fluid-operated brake. 1,578,824; Mar. 30.
Hercules Novelty Mfg. Company. (See Rabb, Michael, assignor.)
Herold, Arthur G., St. Louis County, Mo. Combined coffee sack and holder. 1,578,314; Mar. 30.
Herskovitz, Max H., assignor to Peerless Light Company, Chicago, Ill. Electric-lamp-supporting structure. 1,578,437; Mar. 30.
Heslewood, William R., Los Angeles, Calif. Piston. 1,578,315; Mar. 30.
Heuser, Albert, Stuttgart, Germany. Lubricator for the wheel flanges of rail vehicles. 1,579,110; Mar. 30.
Heywood-Wakefield Company. (See Burns, Lloyd M., assignor.)
Hiekok Mfg. Company. (See Beck, Alwin H., assignor.)
Hill, Frederick W. (See Lipton, M., Haenlein, and Hill.)
Hillman, Henry G., New York, N. Y. Elevator safety device. 1,578,604; Mar. 30.
Hilscher, Curt, Chemnitz, Germany. Manufacturing stockings upon the flat hosiery frame. 1,579,175; Mar. 30.

Himmel & Isaacs, Inc. (See Sommers, Robert E., assignor.)
Hinkson, James R., Brooklyn, assignor to L. M. Strunck, Kings County, N. Y. Moistener. 1,579,111; Mar. 30.
Hints, Herman R., Massillon, Ohio. Pincers. 1,578,438; Mar. 30.
Hirst, James, Melrose, Mass. Diestock. 1,578,991; Mar. 30.
Hoaglin, Frank L., Waupaca, Wis Internal-combustion engine. 1,578,825; Mar. 30.
Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Warming oven. 1,578,826; Mar. 30.
Hochwalt, Carroll A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Producing dialkyl selenides and tellurides. 1,578,731; Mar. 30.
Hodgins, Albert E. (See Goldrick, Albert R., assignor.)
Hodlster, Gustave J., and K. L. Schreiber, Leavenworth, Kans. Settee bed. 1,578,439; Mar. 30.
Hoe, R., and Co. (See Herb, Frederick, assignor.)
Hoffbauer, Carl F., Montclair, N. J., assignor of one-half to I. N. Pasgaard, New York, N. Y. Weather strip. 1,578,992; Mar. 30.
Hoffman, Paul, East Orange, assignor to Ingersoll-Rand Company, Jersey City, N. J. Volume-regulator gauge. 1,578,440; Mar. 30.
Holman, Frank P., Hartford, Conn. Game. 1,578,892; Mar. 30.
Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Yieldable transferrer arm for automatic looms. 1,578,519; Mar. 30.
Holmes, Herbert G., assignor to Novo Engine Company, Lansing, Mich. Clutch-control mechanism for hoists. 1,578,993; Mar. 30.
Holmes, Thomas E., Glasgow, Scotland. Universal plate-rolling mill. 1,578,994; Mar. 30.
Holsinger, Jacob W., Granite City, Ill. Cherry seeder and strawberry stemmer. 1,578,827; Mar. 30.
Holt, Frank L. (See Stewart, H. A., and Holt.)
Holton, Edward C., Olmsted Falls, assignor to The Sherwin-Williams Company, Cleveland, Ohio. Insecticide-fungicide and making the same. 1,578,520; Mar. 30.
Holton, Edward C., Olmsted Falls, assignor to The Sherwin-Williams Company, Cleveland, Ohio. Insecticide-fungicide and making the same. 1,578,521; Mar. 30.
Holton, Edward C., Olmsted Falls, assignor to The Sherwin-Williams Company, Cleveland, Ohio. Insecticide-fungicide and making the same. 1,578,522; Mar. 30.
Holton, Edward C., Olmsted Falls, assignor to The Sherwin-Williams Company, Cleveland, Ohio. Insecticide-fungicide and making the same. 1,578,523; Mar. 30.
Hopedale Manufacturing Company. (See Northrop, Jonas, assignor.)
Horton, E. Milton, assignor, by mesne assignments, to Union Steel Products Company, Albion, Mich. Spraying machine. 1,578,732; Mar. 30.
Horwitt, Paul H., assignor to Independent Paper Mills, Inc., Brooklyn, N. Y. Dispenser for paper products. Des. 69,800; Mar. 30.
Hostetter, Paul R., York, Pa. Traffic marker. 1,578,995; Mar. 30.
Houdaille Company, The. (See Lincoln, Carlisle A., assignor.)
Houdaille Company, The. (See Scully, J. N., and Lincoln, assignors.)
Hough, Clinton W., Boonville, assignor, by mesne assignments, to Wired Radio Inc., New York, N. Y. Lamp-socket attachment device. 1,578,288; Mar. 30.
Houston, Harold A., and F. L. Alben, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Reversible truck. 1,578,524; Mar. 30.
Howes, George W., assignor to Beckwith Company, Dowagiac, Mich. Heating stove. Des. 69,801; Mar. 30.
Hoxie, Harry A., Grand Rapids, Mich. Road-making machine. 1,578,996; Mar. 30.
Hrdina, Stefan, Prachen-Selty, Czechoslovakia. Atomizer or spray nozzle. 1,578,733; Mar. 30.
Hrusovsky, John, Newark, N. J. Damper-securing device. 1,578,661; Mar. 30.
Huff, Leslie R., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Constant-volume regulator. 1,578,441; Mar. 30.
Hughes, Logan R., et al. (See Phillips, James M., and H. D., assignors.)
Hulshizer, George W., Stewartsville, assignor to Ingersoll-Rand Company, Jersey City, N. J. Air-feed brake. 1,578,997; Mar. 30.
Hume, Robert C., Coburg, Victoria, Australia. Pipe joint. 1,578,734; Mar. 30.
Hunt, Helm, Ferris & Company. (See Ferris, Howard J., assignor.)
Hunter, Frederick L., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric oven. 1,578,662; Mar. 30.
Hunter, Herbert F., and L. S. Hannold, Swedesboro, N. J. Radiowave receiving device. 1,578,735; Mar. 30.
Hunter, William, Edinburgh, and J. G. Fairgrieve, Uddingston, assignors to William Tod Junior and Company (1923) Limited, Polton, Midlothian, Scotland. Production of articles of the phenol-formaldehyde condensation-product type. 1,579,112; Mar. 30.
Husbands, Frank J., Los Angeles, Calif, assignor, by mesne assignments, to Acme Traffic Signal Company. Traffic regulator. 1,578,828; Mar. 30.
Ilma, Waino, and M. Saari, Weirton, W. Va. Combined match-box case and ash receiver. 1,578,316; Mar. 30.
Improved Paper Machinery Company. (See Haug, Anton J., assignor.)
Independent Paper Mills, Inc. (See Horwitt, Paul H., assignor.)
Industrial Research Corporation. (See Koegle, John G., assignor.)
Ingersoll-Rand Company. (See Armstrong, William H., assignor.)
Ingersoll-Rand Company. (See Bayles, Lewis C., assignor.)
Ingersoll-Rand Company. (See Bayles, L. C., and Slater, assignors.)
Ingersoll-Rand Company. (See Ditson, Jesse, assignor.)
Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)
Ingersoll-Rand Company. (See Hoffman, Paul, assignor.)
Ingersoll-Rand Company. (See Huff, Leslie R., assignor.)
Ingersoll-Rand Company. (See Hulshizer, George W., assignor.)
Ingersoll-Rand Company. (See Levine, Hyman, assignor.)
Ingersoll-Rand Company. (See Tuttle, Grover G., assignor.)
Inland Manufacturing Company, The. (See Geyer, Harvey D., assignor.)
Innes, Harry C., Hartwell, Ohio, assignor to The Philip Carey Manufacturing Company. Waterproofing construction. 1,578,663; Mar. 30.
Inslee, Heber C., Roselle, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Wabbler. 1,578,664; Mar. 30.
International Cigar Machinery Company. (See Bronander, Wilhelm B., assignor.)
International Engineering Works, Inc. (See Chipman, Fred W., assignor.)
International Motor Company. (See Masury, A. F., Leipert, and Saurer, assignors.)
International Precipitation Company. (See Anderson, Evald, assignor.)
International Precipitation Company. (See Welch, Harry V., assignor.)
International Spotlight Corporation. (See Sklarek, Clifford, assignor.)
Ireland, Morris, Cleveland, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Friction wheel. 1,578,525; Mar. 30.
Jackson, Carl J., Superior, Wis. Screen. 1,579,113; Mar. 30.
Jackson, Ray P., Edgewood Park, Pa., assignor to Westinghouse Electric & Manufacturing Company. Insulator. 1,578,526; Mar. 30.
Jakosky, John J., assignor of one-third to E. Steidle, Pittsburgh, Pa. Shot-firing system. 1,578,998; Mar. 30.
Jasnoss, John, Philadelphia, Pa. Sectional chair. 1,579,176; Mar. 30.
Jennings, John E., New York, N. Y. Mast for high-tension electric transmission. 1,578,829; Mar. 30.
Johanson, Thure A., and F. C. Socin, St. Charles, assignors to The Cable Company, Chicago, Ill. Fall-board and music-desk construction. 1,578,317; Mar. 30.
John, Robert, New York, N. Y. Blanket for printing presses, forming the same, and printing employing same. 1,578,736; Mar. 30.
Johns-Manville, Incorporated. (See Walsh, Joseph H., assignor.)
Johnson, Charles J., Wichita Falls, Tex. Bending and straightening machine. 1,578,737; Mar. 30.
Johnson, Edward B., St. Louis, Mo. Boiler cleaner. 1,578,315; Mar. 30.
Johnson, Ernest W., assignor of one-half to D. C. Defries, London, and one-half to C. Defries, Hove, Sussex, England. Shock absorber. 1,578,319; Mar. 30.
Johnson, Henry O., and F. J. Rubes, assignors to Playground & Gynasium Equipment Co., Minneapolis, Minn. Toboggan slide. 1,578,893; Mar. 30.
Johnson, J. Oliver, Inc. (See Roberts, Edward G., assignor.)
Jones, Fred A. (See Thackwell, Henry L., assignor.)
Jones, Russell C., Bronxville, and J. Price, assignors to The Griscom-Russell Company, New York, N. Y. Heat exchanger. 1,578,830; Mar. 30.
Joseph & Feiss Co., The. (See Feiss, Richard A., assignor.)
Joy, Henry W., Crugers-on-Hudson, N. Y. Film reel for motion-picture-projecting apparatus. 1,578,894; Mar. 30.
Joyce, Agnes L., assignor to C. Kraft, New York, N. Y. Chart. 1,578,895; Mar. 30.
Kadel, Byers W., Baltimore, Md., assignor to The Symington Company, New York, N. Y. Side frame. 1,578,738; Mar. 30.
Kadow, August, assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Manufacture of glassware. 1,578,442; Mar. 30.
Kalamazoo Loose Leaf Binder Company. (See Wigginton, George P., assignor.)
Kalamazoo Loose Leaf Binder Company. (See Wigginton, G. P., Allyn, and Stuart, assignors.)

Kämmerer, Hans. (See Krzikalla, H., Kämmerer, and Nüsslein.)
Kantor, Sal, New York, N. Y. Educational device. 1,578,665; Mar. 30.
Kaplan, Louis, New York, N. Y. Heel. 1,579,114; Mar. 30.
Karalus, John. (See Zave, Stanley, assignor.)
Kaschub, Gustave E., Meriden, Conn. Outlet box and plate therefor. 1,578,999; Mar. 30.
Katz, Sidney H., Pittsburgh, Pa. Method and apparatus for quantitative determination of gases. 1,578,666; Mar. 30.
Keall, Frank B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Press. 1,578,320; Mar. 30.
Kebbe, Edward P., deceased, Newton; I. K. Bailey, executrix, assignor to E. B. Kebbe, Everett, Mass. Bed. 1,579,115; Mar. 30.
Kebbe, Everett B. (See Kebbe, Edward P., assignor.)
Keeler, Earl A., Norristown, assignor to Leeds & Northrup Company, Philadelphia, Pa. Balancing apparatus. 1,578,831; Mar. 30.
Keitz, Louis I., Cincinnati, Ohio. Valve. 1,578,443; Mar. 30.
Kellogg Switchboard and Supply Company. (See Currier, H. D., and Eaton, assignors.)
Kelsay, Le Roy W., assignor to Western Electric Company, Incorporated, New York, N. Y. Binding post. 1,578,667; Mar. 30.
Kempien, August J., St. Paul, and T. C. Forbes, Minneapolis, Minn.; said Forbes assignor to said Kempien. Foul-line indicator. 1,578,321; Mar. 30.
Kempkey, Augustus, San Francisco, Calif., assignor to E. K. Fish, jr., Reno, Nev. Door-operating mechanism for retorts. 1,579,116; Mar. 30.
Kent, G. H. L., et al. (See Edwards, Harry L., assignor.)
Kerkhoven, Pieter. (See Henneman, Karel F., assignor.)
Kernes, George E., Omaha, Nebr. Carrier mechanism. 1,578,322; Mar. 30.
Kersting, Bernard H., Ben Avon, and V. B. Edwards, Coraopolis, assignors to The Dravo Contracting Company, Pittsburgh, Pa. Road-building form. 1,579,000; Mar. 30.
Key, George F., Detroit, Mich. Rotary feeder. 1,579,001; Mar. 30.
Kindervater, Julius, New York, N. Y. Steam boiler. 1,578,739; Mar. 30.
Kingdon, Kenneth H., Schenectady, N. Y., assignor to General Electric Company. Electron-discharge device. 1,579,117; Mar. 30.
Kinney, Frank W. (See Goggins, Fred J., assignor.)
Kintzing, Reese T., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric switch. 1,578,527; Mar. 30.
Kirby, Charles H., Detroit, Mich. Making pistons. 1,578,323; Mar. 30.
Kirkpatrick, Lige H., Lawton, Okla. Fuel mixer for internal-combustion engines. 1,578,668; Mar. 30.
Klau, David W., New York, N. Y. Hemming machine. 1,578,324; Mar. 30.
Klause, Joseph A., Philadelphia, Pa. Condenser. 1,578,832; Mar. 30.
Klein, Thomas G. (See Quinn, L. H., ar., and Klein.)
Kleinmann, Ernst, Berlin, Germany. Electrode end cap. 1,579,118; Mar. 30.
Kline, Fred J., New York, N. Y. Paper fastener. 1,578,605; Mar. 30.
Kloss, Frederick W., Philadelphia, Pa. Knob attachment. 1,579,119; Mar. 30.
Knight, Herbert M., Montclair, N. J. Sheet piling. 1,578,444; Mar. 30.
Koch, Arthur A., Albert Lea, Minn. Vise-post lock. 1,579,002; Mar. 30.
Koch, Henry C., Chicago, Ill. Method of and apparatus for impregnating felt and the like. 1,579,003; Mar. 30.
Koegle, John G., assignor to Industrial Research Corporation, Toledo, Ohio. Game. 1,578,445; Mar. 30.
Kögler, Albert, San Francisco, Calif. Flying machine. 1,578,833; Mar. 30.
Köhler, Gustav E., Rochester, N. Y. Ophthalmic mounting. 1,578,528; Mar. 30.
Kolinski, Alexander F., Milwaukee, Wis. Game. 1,579,004; Mar. 30.
Konoff, Alexander, assignor to Overland Metal Novelty Co. Inc., New York, N. Y. Doll's eyes. 1,578,834; Mar. 30.
Koppers Company, The. (See Sperr, Frederick W., jr., assignor.)
Kothe, Louis E., Englewood, N. J. Fluid motor. 1,578,835; Mar. 30.
Kraft, Carl. (See Joyce, Agnes L., assignor.)
Kraft Cheese Company. (See Gere, Clarence M., assignor.)
Kramer, Carl E., assignor to The Cleveland Wrought Products Company, Cleveland, Ohio. Ladder jack 1,578,529; Mar. 30.
Kramer, Edward J., Green Bay, Wis. Tack driver. 1,579,120; Mar. 30.
Krause, Robert J., Los Angeles, Calif. Ventilating, heating, cooling, humidifying, and evaporating apparatus. 1,578,530; Mar. 30.
Krout, Palled B., Narberth, Pa. Wire clamp. 1,579,005; Mar. 30.
Krout, Palled B., Narberth, Pa. Wire clamp. 1,579,006; Mar. 30.
Krupp-Patent Platten-Gussform-Vertrieb G. m. b. H. (See Bettermann, Carl, assignor.)
Krzikalla, Hans, H. Kämmerer, Mannheim, and J. Nüsslein, assignors to Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany. Producing fast dyeings on wool. 1,579,121; Mar. 30.
Kunze, Willy, Bremen, Germany. Method and device for determining the direction of sound. 1,578,825; Mar. 30.
Künzl, Karl. (See Mijnssen, J. W., and Künzl.)
Kurelic, Josef, New York, N. Y. Motor-cycle hydroplane. 1,578,740; Mar. 30.
Kurowski, Alfred G. F. (See Corcoran, C. B., and Kurowski.)
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,578,446; Mar. 30.
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,579,007; Mar. 30.
Lack, Sydney W., and A. J. Shepherd, Woollahra, near Sydney, New South Wales, Australia. Vessel for heating liquids. 1,578,741; Mar. 30.
Lackman, Fred C., Asheville, N. C. Collar-sorting rack. 1,579,122; Mar. 30.
Laganke, Charles F., Cleveland, Ohio. Windshield-cleaning apparatus. 1,578,531; Mar. 30.
Lagorio, John L., Stockton, Calif. Combination garden tool. 1,578,532; Mar. 30.
Lake, Clair D., Binghamton, N. Y., assignor to The Tabulating Machine Company. Printing tabulator. Re16,304; Mar. 30.
Lake, James, jr., assignor to G. E. Erb, New York, N. Y. Wire-terminal connecter. 1,579,008; Mar. 30.
Lambert Tire & Rubber Co. (See Replogle, Mark A., assignor.)
Lane, Allie L., Sparland, Ill. Scooter. 1,578,836; Mar. 30.
Langmuir, Irving, Schenectady, N. Y., assignor to General Electric Company. High-frequency apparatus and method of heating. 1,579,009; Mar. 30.
Lantzer, Lloyd L. (See Cadden, C. C., Lantzer, and Evans.)
Larson, Werner J., West Hartford, assignor to The States Company, Hartford, Conn. Resistor. 1,578,326; Mar. 30.
Lathrop, Harry D. (See McEwan, Charles F., assignor.)
Lauckner, Bruno, Marienberg, Germany. Manufacturing colored pressed articles. 1,578,327; Mar. 30.
Lawton, Oscar S., New Bedford, assignor of one-third to A. L. O'Leary, Fairhaven, and one-third to H. W. O'Leary, Newton, Mass. Method of and apparatus for producing curvilinear fabrics. 1,578,447; Mar. 30.
Lebby, States L., Corning, N. Y. Pressing glass. 1,578,448; Mar. 30.
Lee, Ralph L., assignor to Delco-Light Company, Dayton, Ohio. Reversible motor. 1,578,837; Mar. 30.
Leeds & Northrup Company. (See Keeler, Earl A., assignor.)
Leipert, August H. (See Masury, A. F., Leipert, and Saurer.)
Lemon, Alfred B., Providence, R. I. Desk stand. Des. 69,802; Mar. 30.
Leonard, Guy, Baltimore, Md. Stencil sheet. 1,578,896; Mar. 30.
Leopold, Frederick B., Pittsburgh, Pa. Multiple operating valve. 1,578,669; Mar. 30.
Leraas, Anton A., Spokane, Wash. Brush. 1,578,449; Mar. 30.
Lessing, John F., St. Joseph, Mich. Automatic weather strip. 1,578,328; Mar. 30.
Levander, John, Forestville, Conn. Aero Swing. 1,578,450; Mar. 30.
Leuthesser, Fred W., Oak Park, Ill. Humidifier for internal-combustion engines. 1,578,606; Mar. 30.
Levine, Hyman, Denver, Colo., assignor to Ingersoll-Rand Company, Jersey City, N. J. Engine. 1,579,010; Mar. 30.
Levy, Mack H. and H. Wander, New York, N. Y. Watch. 1,578,607; Mar. 30.
Libbey Glass Manufacturing Company. (See Kadow, August, assignor.)
Lincoln, Carlisle A. (See Scully, J. N., and Lincoln.)
Lincoln, Carlisle A., assignor to The Houdaille Company, Buffalo, N. Y. Closure member for spring covers. 1,578,533; Mar. 30.
Lincoln, Carlisle A., assignor to The Houdaille Company, Buffalo, N. Y. Clip for vehicle springs. 1,578,534; Mar. 30.
Lincoln, Carlisle A., assignor to The Houdaille Company, Buffalo, N. Y. Combination spring cover. 1,578,535; Mar. 30.
Lindberg, Carl-Alov, Stockholm, Sweden. Electric air heater. 1,578,897; Mar. 30.
Linde Air Products Company, The. (See Pierce, Raymond C., assignor.)
Link-Belt Company. (See Dull, R. W., and Oaks, assignors.)
Lipton, Morris, Rutherford, L. Haeulein, East Rutherford, and F. W. Hill, Rutherford, N. J., assignors to The Fuchs & Lang Manufacturing Company. Feeding mechanism for printing presses. 1,578,329; Mar. 30.

Lipton, Morris, Rutherford, L. Haenlein, East Rutherford, and F. W. Hill, Rutherford, N. J., assignors to The Fuchs & Lang Manufacturing Company. Feeding mechanism for printing presses. 1,578,330; Mar. 30.

Littleford, George, Fort Thomas, Ky. Glue-joint apparatus. 1,578,898; Mar. 30.

Litzwiller, Reuben D., Seward, Nebr. Thrashing-machine-cylinder wrench. 1,578,331; Mar. 30.

Lloyd, Marshall B., Menominee, Mich., assignor, by mesne assignments, to Heywood-Wakefield Company, Boston, Mass. Producing reed fabric and the like. 1,578,530; Mar. 30.

Locke Insulator Corporation. (See Gouverneur, Minor F. H., assignor.)

Lockett, Joseph E. (See Marshall, W. R., and Lockett.)

Locomotive Pulverized Fuel Company. (See Caracristi, Virginius Z., assignor.)

Lohmann, Edward, Greenville, Ohio. Reflecting telescope. 1,578,899; Mar. 30.

Loomis, Augustus A., Mundelein, Ill. Rail tie. 1,578,742; Mar. 30.

Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 1,579,177; Mar. 30.

Lord, Forrest W. (See Sargery, Joseph A., assignor.)

Lorenz C. Aktiengesellschaft. (See Bauneitz, Fritz., assignor.)

Lough Brothers. (See Lough, Hector V., assignor.)

Lough, Hector V., Hartford, Conn., assignor to Lough Brothers, New York, N. Y. Faucet. 1,578,670; Mar. 30.

Lubowsky, Simon J., Jersey City, assignor to Metal & Thermit Corporation, Chrome, N. J. Porous article of rutile and making the same. 1,578,900; Mar. 30.

Luce, Milton H., Kansas City, Mo., assignor to Wenry-Burge Trunk Company, Racine, Wis. Locking device for trunks. 1,578,537; Mar. 30.

Lundberg, Elof K. H., Stockholm, Sweden. Actuating device for fluid controllers. 1,578,743; Mar. 30.

Lutz-Russell, Hans R., Zurich, Switzerland. Apparatus to deaden the noise of typewriters. 1,578,608; Mar. 30.

Luzerne Rubber Company, The. (See Phillips, Julius, assignor.)

Lytton, Walter, Chicago, Ill. Radiocabinet. Des. 69,803; Mar. 30.

M. B. M. Manufacturing Co. (See Mould, James A., assignor.)

MacGrath, Harold F., Syracuse, N. Y. Disinfecting attachment for money drawers. 1,579,124; Mar. 30.

Madigan, John M., Haverhill, Mass. Divided last. 1,578,453; Mar. 30.

Mädler, Franz L., Berlin-Charlottenburg, Germany, assignor to Maedler Engine Corporation. Valve-gear connection in internal-combustion engines. 1,578,540; Mar. 30.

Maedler Engine Corporation. (See Mädler, Franz L., assignor.)

Maertz, Benjamin L., Olivia, Minn. Bottle holder. 1,579,014; Mar. 30.

Maged, Samuel, Detroit, Mich. Indicator. 1,578,838; Mar. 30.

Magnetic Signal Co. (See Morse, Mark S., assignor.)

Manby, Charles E. C. J., Hawksburn, Melbourne, Victoria, Australia. Finger board of violins and like stringed instruments. 1,578,744; Mar. 30.

Manhattan Electrical Supply Company. (See Hendry, William F., assignor.)

Manischewitz, Jacob U., Cincinnati, Ohio. Electric bake oven. 1,578,335; Mar. 30.

Mann, Richard E., New Brighton, N. Y. Thermometer. Des. 69,804; Mar. 30.

Mantel, Frank A. (See Stryker, G. B., and Mantel.)

Manufacturers' Equipment Company. (See Gossett, Robert W., assignor.)

Maple, Orval D., Pekin, Ill. Manifold for internal-combustion engines. 1,578,839; Mar. 30.

Marcus, Charles L. (See Stevens-Arvoy, B., and Marcus.)

Marlin Firearms Corporation, The. (See Swebilius, Carl G., assignor.)

Marks, Herbert E., Glen Osborne, Sewickley, Pa. Ceiling construction. 1,579,015; Mar. 30.

Marks, Herbert E., Glen Osborne, Sewickley, Pa. Roof construction. 1,579,016; Mar. 30.

Marr, Alexander, Manchester, England. Sound-transmitting instrument. 1,578,336; Mar. 30.

Marshall, Melville J., and G. S. Shaw, Shawinigan Falls, Quebec, assignors, by mesne assignments, to Canadian Electro Products Company, Limited, Montreal, Canada. Manufacture of acetic anhydride and acetaldehyde from ethylidene diacetate. 1,578,454; Mar. 30.

Marshall, William R., Lewisburg, and J. E. Lockett, Stanton, Tenn. Stock guard for roadways. 1,579,125; Mar. 30.

Martens, John, Chicago, Ill. Radiator air valve. 1,578,455; Mar. 30.

Martin, Frederick J., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing device. 1,578,671; Mar. 30.

Martin, Harold T., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Designation device. 1,578,672; Mar. 30.

Martineau, Clarence R., Albany, N. Y. Check-protecting device. 1,578,289; Mar. 30.

Marx, Henry J., and W. O. Harvey, Holyoke, Mass., assignors to The American Thread Company, New York, N. Y. Machine for use in the manufacture of bobbins for sewing machines. 1,578,337; Mar. 30.

Marymont, Max J., Brooklyn, N. Y. Combination bill and key folder. 1,579,017; Mar. 30.

Mason, William H., Laurel, Miss. Process and apparatus for disintegration of wood and the like. 1,578,609; Mar. 30.

Massemore, Lloyd M., Olympia, Wash. Anæsthetizer-tank bracket. 1,578,456; Mar. 30.

Masury, Alfred F., A. H. Leipert, and C. Saurer, assignors to International Motor Company, New York, N. Y. Cushioned support for the units of motor vehicles. 1,578,673; Mar. 30.

Mather, Alonzo C., Chicago, Ill. Drop-bottom stock car. 1,578,840; Mar. 30.

Mathews, Verner P., assignor to The Eaton Axle and Spring Company, Cleveland, Ohio. Motor-vehicle fender guard. 1,578,541; Mar. 30.

Maxwell, Maxwell C., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 1,579,126; Mar. 30.

Maybach, Karl, assignor to the Firm: Maybach Motorenbau-Gesellschaft mit beschränkter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Internal-combustion engine. 1,578,338; Mar. 30.

Maybach Motorenbau-Gesellschaft mit beschränkter Haftung. (See Maybach, Karl.)

McCabe, Martha P., Brooklyn, N. Y. Collapsible ironing board. 1,579,123; Mar. 30.

McCain, Ellsworth L., Detroit, Mich. Knife. 1,578,538; Mar. 30.

McCaulley, Charles G., Jacksonville, Fla. Rail bond. 1,578,901; Mar. 30.

McClelland, William A., Ridgewood, N. J. Broiler hood. 1,579,011; Mar. 30.

McCloskey, Frederick W., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. Brush holder. 1,578,530; Mar. 30.

McClure, Alexander C., Louisville, Ky. Steam boiler. 1,579,012; Mar. 30.

McCord Radiator & Mfg. Co. (See Cooper, James H., assignor.)

McCumber, James R., Kingwood, W. Va. Engine valve. 1,578,332; Mar. 30.

McCutcheon, James D., Pittsburgh, Pa. Cutting and welding torch. Re16,307; Mar. 30.

McEwan, Charles F., assignor to H. D. Lathrop, Chicago, Ill. Can-delivering mechanism. 1,578,451; Mar. 30.

McGarrahan, John F., Riverside, assignor to Atlas Can Company, Geneva, Ill. Valve-seat seal cap. 1,578,452; Mar. 30.

McGowan, Robert B., assignor to J. D. Berger, Cincinnati, Ohio. Funnel for transferring liquids. 1,578,902; Mar. 30.

McGowan, Robert B., assignor to J. D. Berger, Cincinnati, Ohio. Funnel for transferring liquid. 1,578,903; Mar. 30.

McKinney, Edward W. (See Davis, Thomas M., assignor.)

McManus, Charles E., New York, N. Y. Cork-rod-packing machine. 1,579,013; Mar. 30.

McNiff, Hugh, and H. E. Thompson, Denver, Colo. Rotary pump. 1,578,333; Mar. 30.

McReynolds, Carson, assignor to D. L. Bond, Pontiac, Mich. Clothesline-supporting device. 1,578,334; Mar. 30.

Mead, Howard H. (See Ganong, T. B., and Mead.)

Medal Brick and Tile Company, The. (See Duty, Spencer M., assignor.)

Mellin, Abe B., Turtle Lake, N. Dak. End-gate latch. 1,578,745; Mar. 30.

Mellon, Alfred W. (See Boldt, J. R., Ranson, and Mellon.)

Mercedes Büro-Maschinen- und Waffen-Werke. (See Schlüns, Carl, assignor.)

Mercer Pottery Company. (See Solon, Marc, assignor.)

Merle, George, sr., et al. (See Merle, George, jr., assignor.)

Merle, George jr., Maspeth, assignor of one-sixth to G. Merle, sr., one-sixth to W. C. Merle, one-sixth to H. C. Merle, and one-sixth to J. Merle, Brooklyn, N. Y. Multicolor encrusting on stones. 1,578,542; Mar. 30.

Merle, Henry C., et al. (See Merle, George, jr., assignor.)

Merle, John, et al. (See Merle, George, jr., assignor.)

Merle, William C., et al. (See Merle, George, jr., assignor.)

Merritt, Louis G., Lockport, N. Y. Progressive plate drier. 1,578,841; Mar. 30.

Metal & Thermit Corporation. (See Lubowsky, Simon J., assignor.)

Methlin, Nicolas E., assignor to Schneider & Cie., Paris, France. Apparatus for producing hooping effects in metal tubes of great strength. 1,578,751; Mar. 30.

Mexia Planing Mill Company. (See Werner, William, assignor.)

Meyers, Herbert H., Pittsburgh, Pa., assignor to Armour Fertilizer Works, Chicago, Ill. Production of available phosphate. 1,578,839; Mar. 30.

Mijnssen, Jacob W., and K. Künsi, assignors to Aktiengesellschaft der Eisen- und Stahlwerke vorm. Georg Fischer, Schaffhausen, Switzerland. Wheel for automobiles and the like. 1,578,746; Mar. 30.

Milburn, William R., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Electrical controller. 1,579,018; Mar. 30.

Mildon, Reginald B., Lansdowne, Pa., assignor to Westinghouse Electric and Manufacturing Company. Stoker. 1,578,457; Mar. 30.

Miller, Ernest, New York, N. Y. Safety clasp. 1,578,674; Mar. 30.

Miller, Erwin E., Fullerton, Calif. Expansible packer for plungers. 1,579,127; Mar. 30.

Miller, George L., and H. F. Haines, assignors, by mesne assignments, to The Timken Roller Bearing Company, Canton, Ohio. Automatic feed for gauging apparatus. 1,578,458; Mar. 30.

Miller, John A. and W. D., Brighouse, England. Brake mechanism for motor road vehicles. 1,578,459; Mar. 30.

Miller, Kenneth T., Springfield, Mass. Pliers. 1,578,340; Mar. 30.

Miller, Levi B., Lynn, Mass., assignor to General Electric Company. Machine and process for preparing quartz. 1,579,019; Mar. 30.

Miller Rubber Company, The. (See Bulley, George W., assignor.)

Miller, Theodore I. (See Dewey, B., and Miller.)

Miller, Thomas S., South Orange, N. J. Hoisting engine. 1,578,341; Mar. 30.

Miller, William D. (See Miller, John A. and W. D.)

Millers Falls Company. (See Swain, Donald B., assignor.)

Miner, Ellsworth F., Litchfield, Conn., assignor to General Electric Company. Puller for primary cut-out plugs. 1,579,020; Mar. 30.

Miner, W. H., Inc. (See Dath, Charles E., assignor.)

Miner, W. H., Inc. (See Haseltine, Stacy B., assignor.)

Miner, W. H., Inc. (See O'Connor, John F., assignor.)

Mills, Edgar T. (See Tundle, C. M., and Mills.)

Mitchell Camera Corporation. (See Mitchell, George A., assignor.)

Mitchell, George A., Hollywood, Calif., assignor to Mitchell Camera Corporation. Camera attachment. 1,578,842; Mar. 30.

Mitchell, J. S., Stuttgart, Ark. Shoe sole. 1,578,460; Mar. 30.

Mizell, Noah S., Bartow, Fla. Tool. 1,579,128; Mar. 30.

Moebs, Joseph J., assignor of one-half to C. F. Carusi, Washington, D. C. Building construction. 1,578,904; Mar. 30.

Moeller, Arturo F., San Pedro, Mexico. Land roller. 1,578,752; Mar. 30.

Moltrup, James T., Beaver Falls, Pa. Grinding apparatus. 1,578,342; Mar. 30.

Montgomery, Gustavus A., assignor to Titusville Forge Company, Titusville, Pa. Making deep-well auger stems. 1,578,543; Mar. 30.

Montgomery Ward & Co. (See Cooley, Asa B., assignor.)

Moody, Lewis F., Philadelphia, Pa. Pump and method of regulating the same. 1,578,843; Mar. 30.

Moon, Clyde B., Burr Oak, Kans. Curtain carrier for automobiles. 1,578,675; Mar. 30.

Moores, Joel, assignor to The J. H. Day Company, Cincinnati, Ohio. Dough-depositing device. 1,578,905; Mar. 30.

Morel, Eugene M., Brussels, assignor to Société Anonyme des Anciens Etablissements Ch. Fondes, Vilvorde, Belgium. Motor cycle. 1,578,906; Mar. 30.

Morgan, Edmund C., deceased, New York, N. Y.; O. E. Morgan, executrix. Mining machine. 1,578,544; Mar. 30.

Morgan, Lewis J., Syracuse, N. Y. Folding automobile seat. 1,578,676; Mar. 30.

Morgan, Olive E., executrix. (See Morgan, Edmund C.)

Morris, Harry, assignor to Morris, Mann & Reilly, Chicago, Ill. Necklace. 1,578,461; Mar. 30.

Morris, Mann & Reilly. (See Morris, Harry, assignor.)

Morse, Mark S., Los Angeles, Calif., assignor to Magnetic Signal Co. Brake for wigwag signals. 1,578,844; Mar. 30.

Motor Wheel Corporation. (See Forsyth, George H., assignor.)

Mottershall, William H., Thornhill, Ontario, Canada. Ventilation system. 1,578,747; Mar. 30.

Mould, James A., assignor to M. B. M. Manufacturing Co., Milwaukee, Wis. Power-driven cultivator. 1,578,343; Mar. 30.

Myers, Dalton B., Los Angeles, Calif. Clothes hanger. 1,579,023; Mar. 30.

Myers, Elman B., Wayne, Pa., assignor to Radio Audion Company, Jersey City, N. J. Hook-forming device for electrode supports. 1,578,462; Mar. 30.

Myers, Leon G., Clinton, Ill. Air-circulating attachment for hot-air furnaces. 1,578,546; Mar. 30.

Muller, George W., Washington, D. C. Railway-tie construction. 1,579,021; Mar. 30.

Munroe, Treadway B., assignor to Dahlbert & Company, Inc., Chicago, Ill. Reenforced composition board. 1,578,344; Mar. 30.

Murphy, George F., Philadelphia, Pa. Expansion joint. 1,579,129; Mar. 30.

Murray, David A., Santa Monica, Calif. Photographic camera. 1,579,022; Mar. 30.

Murray, Thomas E. (See Bennett, Irving T., assignor.)

Murray, William, Philadelphia, Pa. Rest chair. 1,579,130; Mar. 30.

Muther, Lorenz F., Newton Center, Mass. Pressing device. 1,578,545; Mar. 30.

National Blank Book Company. (See Schade, John, assignor.)

National Carbon Company. (See Eldred, B. E., and Graham, assignors.)

National Chemical and Manufacturing Company. (See Boyce, Thomas L., assignor.)

National Spun Silk Co. (See Roe, E. O., and Frieder, assignors.)

National Supply Company, The. (See Wright, Clyde S., assignor.)

Naumburg, Robert E., Winchester, Mass. Mirror ring. 1,578,907; Mar. 30.

Neale, Robert M. (See Nelson, Lewis D., assignor.)

Neff, John W., Easton, Pa. Safety paper. 1,578,908; Mar. 30.

Neher, Noah N., Whittier, Calif. Combination lock. 1,579,131; Mar. 30.

Nelson, David J., Mediapolis, Iowa. Roof-window construction. 1,579,132; Mar. 30.

Nelson, Edward L., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Modulation-indicating system. 1,578,845; Mar. 30.

Nelson, Henry F., Danville, Ill. Shoe and blank therefor. 1,578,345; Mar. 30.

Nelson, Lewis D., Coldwater, assignor of two-thirds to R. M. Neale and W. M. Hatch, Union City, Mich. Filling machine. 1,578,748; Mar. 30.

Nelson, Ollie T., Waukegan, Ill. Boiler. 1,578,346; Mar. 30.

New England Mica Company. (See Dawes, C. L., and Boughton, assignors.)

New York Canners, Inc. (See Olney, Burt C., assignor.)

Newman, Claude M., Chicago, Ill. Invalid's table. 1,578,909; Mar. 30.

Newsom, Arnold C., and Z. Conley, Leatha, Ky. Switch control. 1,579,133; Mar. 30.

Nichols, Harold W., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Carrier-wave transmission. 1,578,846; Mar. 30.

Nicholson, Edward E., and R. B. Beal, Minneapolis, Minn. Manufacturing beet sugar. 1,578,463; Mar. 30.

Nicholson, Stanley W., assignor to The Dura Company, Toledo, Ohio. Vehicle window-control mechanism. 1,578,347; Mar. 30.

Nicholson, Stanley W., assignor to The Dura Company, Toledo, Ohio. Window-control mechanism. 1,578,348; Mar. 30.

Nicolson, Alexander M., assignor to Western Electric Company, Incorporated, New York, N. Y. Growing crystals. 1,578,677; Mar. 30.

Nidle, James W., Bakersfield, Calif. Golf-bag holder. 1,578,910; Mar. 30.

Nikolas, George J., Chicago, Ill. Enamel finish. 1,578,464; Mar. 30.

Nileon, Richard D., Denver, Colo. Badge. Des. 69,805; Mar. 30.

Nixon, Horace C., Saskatoon, Saskatchewan, Canada. Valve for water, steam, air, gases, oils, and other fluids. 1,578,349; Mar. 30.

Nock, John R., Brooklyn, N. Y. Ship steering and propelling mechanism. 1,578,350; Mar. 30.

Norelius, Emil F. (See Campbell, L. H., and Norelius.)

Norris, Almon E., Brookline, Mass. Rail-clamping mechanism. 1,578,749; Mar. 30.

Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Bunch-building mechanism for spinning frames. 1,578,911; Mar. 30.

Norton, Clifford, assignor to Graham & Norton Company, New York, N. Y. Pneumatic door-operating mechanism. 1,578,678; Mar. 30.

Novo Engine Company. (See Holmes, Herbert G., assignor.)

Nullmeyer, Frank H., Struthers, Ohio. Die holder for wire-drawing blocks. 1,578,351; Mar. 30.

Nusbaum, Arthur L., Baltimore, Md. Window cornice. 1,579,134; Mar. 30.

Nüsslein, Joseph. (See Krzikalla, H., Kämmerer, and Nüsslein.)

Oakes, Frank J. (See Dull, R. W., and Oakes.)

Oakley, Edward C. F., Norbury, assignor of one-half to A. Collier, London, England. Hack and like frame saw. 1,578,610; Mar. 30.

O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Spring shackle. 1,578,352; Mar. 30.

O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Antifriction bearing. 1,578,353; Mar. 30.

O'Grady, Frederick T., assignor to H. V. O'Grady, Flushing, Long Island, N. Y. Method of and apparatus for motion-picture projection. 1,579,024; Mar. 30.

O'Grady, Helen V. (See O'Grady, Frederick T., assignor.)

Ohio Brass Company, The. (See Austin, Arthur O., assignor.)

O'Keeffe, George W., Dorchester, assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass. Electric switch. 1,578,354; Mar. 30.

O'Leary, Arthur L., et al. (See Lawton, Oscar S., assignor.)

O'Leary, Harold W., et al. (See Lawton, Oscar S., assignor.)

Olney, Burt C., assignor to New York Canners, Inc., Rochester, N. Y. Apparatus for removing the stem or the blow ends from fruit, vegetables, or the like. 1,578,355; Mar. 30.
Olson, Gilbert, Joliet, Ill. Newspaper holder. 1,579,135; Mar. 30.
Osthelmer, Fred R., Paris, France. Elastic steering wheel for motor vehicles. 1,578,753; Mar. 30.
Ostrander, Walter S., et al. (See Saad, Moses, assignor.)
Otallah, Gustandy, et al. (See Saad, Moses, assignor.)
Overland Metal Novelty Co. (See Konoff, Alexander, assignor.)
Owen, Henry A., assignor to Whitin Machine Works, Whitinsville, Mass. Tension device. 1,578,912; Mar. 30.
Owen, Ira J., assignor, by mesne assignments, to Bissell Carpet Sweeper Co., Grand Rapids, Mich. Portable electric suction carpet sweeper and cleaner. 1,578,750; Mar. 30.
Owen, Tom M., Wallace, Idaho. Reagent feeder. 1,578,356; Mar. 30.
Owen, William W., Oak Park, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,579,026; Mar. 30.
Owen-Dyneto Corporation. (See Perkins, Laurence M., assignor.)
Owens Bottle Company, The. (See Cramer, Albert N., assignor.)
Owens, Freeman H., New York, N. Y. Stereoscopic apparatus. 1,579,025; Mar. 30.
Ozon-Hochfrequens G. m. b. H. (See Starke, A., and von Wartenberg, assignors.)
Page, Frank C. B., New York, N. Y., assignor to E. W. Bliss Company. Blank-holding means. 1,578,547; Mar. 30.
Pailloncy, Armand, Chenciere, France. Manfacture of tools or implements. 1,579,027; Mar. 30.
Panoulias, Angelo D., Jersey City, N. J., assignor, by mesne assignments, to P. D. Panoulias. Candy coating and decorating machine. 1,578,465; Mar. 30.
Panoulias, Panayiotis D. (See Panoulias, Angelo D., assignor.)
Parkersburg Rig & Reel Company, The. (See Schwemlein, William, assignor.)
Parkins, Ernie L., Craigmont, Idaho. Adjustable frame. 1,578,357; Mar. 30.
Pasgaard, Ib Nyboe. (See Hoffbauer, Carl F., assignor.)
Patent Button Company, The. (See Ross, Frederick N., assignor.)
Pathe Cinema, Anciens Etablissements Pathe Freres. (See Pénin, Emile C., assignor.)
Paul, Sydney, assignor to The Superior Motor Coach Body Company, Lima, Ohio. Jerk absorber. 1,578,754; Mar. 30.
Paxson, Russell C. (See Whiteman, G. W., and Paxson.)
Paxson, Walter R., Glenside, assignor to Standard Pressed Steel Company, Jenkintown, Pa. Indoor swing. 1,579,136; Mar. 30.
Pearl, Herman, Morris Park, N. Y. Strainer for pot covers. 1,578,466; Mar. 30.
Pecker, Joseph S., Philadelphia, Pa. Drafting triangle. 1,579,137; Mar. 30.
Peek Frean & Company. (See Rondolin, Laurent, assignor.)
Peerless Light Company. (See Herskovitz, Max H., assignor.)
Penick & Ford, Ltd. (See Widmer, John M., assignor.)
Pénin, Emile C., Joinville-le-Pont, assignor to Pathe Cinema, Anciens Etablissements Pathe Freres, Paris, France. Electric lamp for cinematographic apparatus. 1,578,358; Mar. 30.
Pennington, John K., Los Angeles, Calif. Urinal. 1,578,847; Mar. 30.
Pennsylvania Pump & Compressor Company. (See Raymond, Ward, assignor.)
Perkins, Laurence M., East Pittsburgh, Pa., assignor of one-half to Owen-Dyneto Corporation, Syracuse, N. Y. Field winding for electric machines. 1,578,916; Mar. 30.
Perkins, Laurence M., Syracuse, N. Y. Generator. 1,578,913; Mar. 30.
Perkins, Laurence M., assignor of one-half to Owen-Dyneto Corporation, Syracuse, N. Y. Generator. 1,578,914; Mar. 30.
Perkins, Laurence M., assignor of one-half to Owen-Dyneto Corporation, Syracuse, N. Y. Generator. 1,578,915; Mar. 30.
Perky, Scott H., Keeseville, N. Y. Machine for making a food product. 1,578,755; Mar. 30.
Perry, Frederick H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Insole. 1,578,359; Mar. 30.
Peters, Oscar A. (See Branington, Edwin O., assignor.)
Peterson, Eugene, New York, N. Y., assignor, by mesne assignments, to Western Electric Company, Incorporated. Modulating system. 1,578,679; Mar. 30.
Petz, Franz, assignor to Elektrizitäts-Aktiengesellschaft vormals Schuckert & Co., Nuremberg, Germany. Electrolytic cell. 1,579,138; Mar. 30.
Phare, Floyd W. and F. R., Cleveland Heights, Ohio. Electric dental furnace. Des. 69,806; Mar. 30.
Phare, Fred R. (See Phare, Floyd W. and F. R.)
Phelps, Frank O. (See Phelps, Hugh G., assignor.)
Phelps, Hugh G., assignor of one-half to F. O. Phelps, Milwaukee, Wis. Thermostatic instrument. 1,578,360; Mar. 30.
Phillips, Henry D. (See Phillips, James M. and H. D.)
Phillips, James E., New York, N. Y. Locking plate for cylinder locks. 1,579,139; Mar. 30.
Phillips, James M. and H. D., assignors of one-tenth to M. R. Hargan, one-tenth to J. W. Rochester, one-tenth to C. H. Foster, one-tenth to L. R. Hughes, and one-tenth to K. S. Alcorn, Stamford, Ky. Concrete-block-making machine. 1,578,467; Mar. 30.
Phillips, Julius, assignor to The Luzerne Rubber Company, Trenton, N. J. Ball cock. 1,579,140; Mar. 30.
Philp, Kenneth G. A., Toronto, Ontario, Canada. Automobile shipping deck. 1,578,361; Mar. 30.
Phoenix Hosiery Company. (See Byrd, Arthur E., assignor.)
Phoenix Hosiery Co. (See Ruedt, Julius C., assignor.)
Pierce, Raymond C., New York, N. Y., assignor to The Linde Air Products Company. Welding and cutting apparatus. 1,578,917; Mar. 30.
Pierce, Raymond C., New York, N. Y., assignor to The Linde Air Products Company. Safety pressure-relieving device. 1,579,141; Mar. 30.
Pierce, Raymond T., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Ironvane instrument. 1,578,362; Mar. 30.
Pinel, Alfred, et al. (See Casna, Charles J., assignor.)
Pinel, Alfred P. J., et al. (See Casna, Charles J., assignor.)
Playground & Gymnasium Equipment Co. (See Johnson, H. O., and Rubes, assignors.)
Plymouth Radio and Phonograph Co. (See Thommen, William H., assignor.)
Pneumatic Appliances Corporation. (See Weiland, Alfred, assignor.)
Poe, William C. (See Hamilton, E. C., and Poe.)
Poffenberger, Clarence, et al. See Anderson, John F., assignor.)
Pomona Manufacturing Company, The. (See Westrip, Edward D., assignor.)
Ponder, Raymond E., St. Louis, Mo. Fruit juice and pulp extractor. 1,579,028; Mar. 30.
Poole, John S., assignor of forty-nine one-hundreds to H. E. Garrabrant, Cambridge, Mass. Auxiliary air and fuel mixing device. 1,578,680; Mar. 30.
Powell, William H., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dynamo-electric machine and ventilating same. 1,578,918; Mar. 30.
Power Specialty Company. (See Bell, John E., assignor.)
Pratt, Stuart C., et al. (See Davison, John A., assignor.)
Prentice, Edward V., Portland, Oreg. Compensating holding-down and supporting bar. 1,578,756; Mar. 30.
Price, Joseph. (See Jones, R. C., and Price.)
Pybus, Richard H., Derby, England. Self-fitting candle. 1,579,142; Mar. 30.
Quinn, Linville H., sr., and T. G. Klein, Terre Haute, Ind. Advertising cabinet. 1,578,919; Mar. 30.
Rabb, Michael, Newark, N. J., assignor to Hercules Novelty Mfg. Company. Folding comb. 1,579,143; Mar. 30.
Radio Audion Company. (See Myers, Elman B., assignor.)
Radio Corporation of America. (See Clark, George H., assignor.)
Radio Corporation of America. (See Weagant, Roy A., assignor.)
Radosevic, Peter, New York, N. Y. Bearing shaving and burnishing device. 1,578,363; Mar. 30.
Rail Joint Company, The. (See Armstrong, Victor C., assignor.)
Rairden, James S., Waterford, Calif. Fly swatter. 1,578,757; Mar. 30.
Ramsey, George, Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Frictional sealing closure. 1,578,681; Mar. 30.
Rankin, Julian, Louisa, Ky. Combined match box and belt buckle. 1,578,468; Mar. 30.
Rang, Constan E., Chicago, Ill. Mechanical pencil. 1,579,029; Mar. 30.
Rank, Homer L., and H. F. Frease, Canton, Ohio. Tubular processing apparatus. 1,579,030; Mar. 30.
Ranson, Samuel A. (See Boldt, J. R., Ranson, and Mellon.)
Raybestos Company, The. (See Simpson, Sumner, assignor.)
Raymond, Ward, assignor to Pennsylvania Pump & Compressor Company, Easton, Pa. Compressor intake muffler. 1,578,682; Mar. 30.
Read, George B., Bloomington, Ill. Elevator. 1,578,469; Mar. 30.
Recen, Henry A., Breckenridge, Colo. Combined tool and clamp. 1,578,364; Mar. 30.
Reddig, Charles E., Kew Gardens, assignor to Western Electric Company, Incorporated, New York, N. Y. Washing machine. 1,578,683; Mar. 30.
Redding, Edward T., and L. W. Cross, Swissvale, Pa., assignors to Consolidated Expanded Metal Companies. Making expanded metal. 1,578,365; Mar. 30.
Redding, Edward T., and L. W. Cross, Swissvale, Pa., assignors to Consolidated Expanded Metal Companies. Apparatus for the production of expanded metal. 1,578,366; Mar. 30.
Redick, Frank, Parkerton, Wyo. Pipe-suspending device and blow-out preventer for oil-well casings. 1,579,144; Mar. 30.

Reed, Charles A., Onalaska, Wash. Fluid distributor. 1,578,758; Mar. 30.
Reed, Earle C. and H. C., assignors to Continental Heater Corporation, Dunkirk, N. Y. Molding and casting plant. 1,579,145; Mar. 30.
Reed, Howard C. (See Reed, Earl C. and H. C.)
Reider, Leon, Brooklyn, N. Y. Automatic disengageable crank. 1,579,031; Mar. 30.
Reinker, Christian, Lakewood, Ohio. High-voltage signaling system for electrically-operated street cars. 1,578,367; Mar. 30.
Remington Arms Company. (See Loomis, Crawford C., assignor.)
Remington Typewriter Company. (See Farnham, Stephen H., assignor.)
Remington, Wolcott. (See Hall, P. M., and Remington.)
Remmler, Richard, New York, N. Y. Watch-protecting case. 1,578,759; Mar. 30.
Renault, Louis. (See Sawes, Léon, assignor.)
Replogle, Mark A., Akron, assignor to Lambert Tire & Rubber Co., Barberton, Ohio. Tire-band expander. 1,578,760; Mar. 30.
Resser, Luther S. (See Robertson, A., Resser, and Wheeler.)
Reynolds, Harry R., assignor to The Fafnir Bearing Company, New Britain, Conn. Shaft hanger. 1,579,178; Mar. 30.
Reynolds, Thomas C. (See Barnes, J. W., and Reynolds.)
Rice, Alva G., Danville, Iowa. Fuse plug. 1,578,684; Mar. 30.
Rice, Frank E., Detroit, Mich., assignor to American Tap Bush Co. Orifice cap. 1,578,848; Mar. 30.
Richard, Charles D., New Brighton, assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical switching device. 1,578,685; Mar. 30.
Richard, François, Cleveland, Ohio. Making a vitrified composition. 1,579,032; Mar. 30.
Richardson, Walter E., Tucson, Ariz. Water motor. 1,579,146; Mar. 30.
Richmond, Ray, et al. (See Edwards, Harry L., assignor.)
Riera, José F., Barcelona, Spain. Manufacture of synthetic emerald stones. 1,579,033; Mar. 30.
Roberts, Edward G., assignor to J. Oliver Johnson, Inc., Chicago, Ill. Golf-green indicator. 1,579,034; Mar. 30.
Roberts & Schaefer Company. (See Eck, Henry J., assignor.)
Robertson, Alexander, L. S. Resser, and H. E. Wheeler, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill. Flask shake out. 1,578,470; Mar. 30.
Robertson, Bubber C. (See Bunn, M., and Robertson.)
Robinson, Franklin R., Gloversville, N. Y., assignor to Asher Manufacturing Company, Irvington, N. J. Clothes-return device for ironers. 1,578,369; Mar. 30.
Robinson, Joseph V., New York, N. Y. Automatic-train-pipe connecter. 1,578,368; Mar. 30.
Robinson, Reuben D., Grand Rapids, Mich. Electric lamp. 1,578,920; Mar. 30.
Rochester, J. Welch, et al. (See Phillips, James M. and H. D., assignors.)
Roe, Edwin O., New Bedford, Mass., and L. P. Frieder, New York, N. Y., assignors to National Spun Silk Co., Inc., New Bedford, Mass. Textile-coiling machine. 1,578,921; Mar. 30.
Rogers, Alfred, Milton, Mass. Washbasin. 1,578,849; Mar. 30.
Rogers, Wm. A., Limited. (See Wood, Edward E., assignor.)
Romero, Luis, Juarez, Mexico. Cooking apparatus. 1,579,147; Mar. 30.
Rondolin, Laurent, Bermondsey, London, assignor to Peek Frean & Company, Limited, London, England. Manufacture of biscuits and like edible articles and means therefor. 1,578,761; Mar. 30.
Roper, Geo. D., Corporation. (See Hobson, Stanley H., assignor.)
Rosenstein, Ludwig, San Francisco, Calif. Removing traces of chlorine from air. 1,578,850; Mar. 30.
Rosenthal, Rubin, Brooklyn, N. Y. Ring. 1,579,148; Mar. 30.
Rosner, Adolph, assignor to American Bosch Magneto Corporation, Springfield, Mass. Magneto. 1,578,548; Mar. 30.
Ross, Frederick N., Pontiac, Mich. assignor, by mesne assignments, to The Patent Button Company. Machine control. 1,578,370; Mar. 30.
Rotterdamsche Machinefabriek "Braat". (See Ceelen, Jan, assignor.)
Rowley, Edward G., Belleville, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Stenciling machine. 1,578,371; Mar. 30.
Rubelli, Francis R., West New Brighton, and O. Frisk, Brooklyn, N. Y. Coupling. 1,579,149; Mar. 30.
Rubes, Frank J. (See Johnson, H. O., and Rubes.)
Ruedt, Julius C., assignor to Phoenix Hosiery Co., Milwaukee, Wis. Hosiery and making the same. 1,578,372; Mar. 30.
Ruggles, Gilbert W. (See Young, L., and Ruggles.)
Ryan, Michael B., Los Angeles, Calif. Leveling device for steam shovels. 1,579,035; Mar. 30.
Saad, Moses, assignor of forty-three per cent to G. Otallah and five per cent to W. S. Ostrander, Detroit, Mich. Molding machine. 1,578,549; Mar. 30.
Saari, Matt. (See Ilma, W., and Saari.)
Safety Car Heating & Lighting Company. (See Cole, Theodore S., assignor.)
Saives, Léon, assignor to L. Renault, Billancourt, France. Lubrication of internal-combustion engine. 1,578,471; Mar. 30.
Samelson, Bernard, assignor to Goulds Manufacturing Company, Seneca Falls, N. Y. Centrifugal pump. 1,578,851; Mar. 30.
Sanborn, Augustus M., Porterville, Calif. Air cleaner. 1,578,611; Mar. 30.
Sandweiss, Oscar, St. Louis, Mo. Alarm apparatus. 1,579,150; Mar. 30.
Sargery, Joseph A., assignor of one-half to F. W. Lord, Sherbrooke, Quebec, Canada. Fountain toothbrush. 1,578,922; Mar. 30.
Saurer, Curt. (See Masury, A. F., Leipert, and Saurer.)
Sauvage, William H., New York, N. Y., assignor, by mesne assignments, to The Gould Coupler Company. Slack adjuster. 1,578,762; Mar. 30.
Sawyer, James M., Chaplin, Conn. Sectional boat. 1,578,472; Mar. 30.
Scalbom, Oscar L., Glenview, Ill. Cutter holder. Re16,305; Mar. 30.
Scanlan, Marcellus J., Hermosa, S. Dak. Anchoring device. 1,578,612; Mar. 30.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass.; F. B. Towne, E. S. Towne, J. M. Towne, and F. W. Wilson, trustees. Book cover. Re16,299; Mar. 30.
Schieble Toy and Novelty Company, The. (See Florkey, Clarence E., assignor.)
Schimanski, Rudolf A., Spokane, Wash. Fender brace. 1,578,473; Mar. 30.
Schimpf, George C. (See Chenowith, W. H., and Schimpf.)
Schlotter, Georg A., Dresden, Germany. Turbine. 1,578,923; Mar. 30.
Schluesselburg, George, assignor of one-half to P. T. Harmon, Chicago, Ill. Mute for wind instruments and the like. 1,578,763; Mar. 30.
Schlüns, Carl, Berlin-Steglitz, assignor to Mercedes Büro-Maschinen- und Waffen-Werke, Benshausen, Thuringia, Post Mehlis, Germany. Typewriting machine with power drive. 1,579,151; Mar. 30.
Schmeer, Wilhelm, Nuremberg, Germany. Key instrument for executing color music. 1,578,373; Mar. 30.
Schmid, Albert W., Basel, Switzerland. Treating textile materials with circulating liquor. 1,578,764; Mar. 30.
Schmitz, Joseph A., Chicago, and A. E. Schuyler, Evanston, Ill. Grain door for freight cars. 1,578,686; Mar. 30.
Schmutzer, Anton W., Crandon, Wis. Jumper. 1,578,852; Mar. 30.
Schneider & Cie. (See Methlin, Nicolas E., assignor.)
Schneiderman, Isidore, Brooklyn, N. Y. Ring construction. 1,578,853; Mar. 30.
Schoendelen, Joseph W., Ogden, Utah, assignor to American Can Company, New York, N. Y. Combined press and waste-removing slitter. 1,578,854; Mar. 30.
Schoendelen, Joseph W., Ogden, Utah, assignor to American Can Company, New York, N. Y. Sheet-gauging device for presses. 1,578,855; Mar. 30.
Schramm Manufacturing Company. (See Schramm, Albert O., assignor.)
Schramm, Albert O., Los Angeles, Calif., assignor to Schramm Manufacturing Company, St. Louis, Mo. Apparatus for stretching laundered articles for drying. 1,578,550; Mar. 30.
Schreiber, Karl L. (See Hodister, G. J., and Schreiber.)
Schroeder, Anthony, assignor of one-half to J. M. Finney, Cleveland, Ohio. Pump. 1,578,924; Mar. 30.
Schultz, Friedrich, Glauchau, Germany. Perpetual calendar. 1,578,374; Mar. 30.
Schwabe, Ludwig, Hamburg, Germany. Coating of webs of pasteboard, fabric, or the like. 1,579,036; Mar. 30.
Schwarz, Carl, Charlottenburg, near Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company. Relay arrangement for changing the tuning of wireless apparatus. 1,578,551; Mar. 30.
Schwarz, Carl, Charlottenburg, near Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company. Inductive arrangement for signaling over power lines. 1,578,552; Mar. 30.
Schwemlein, William, assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Valve. 1,578,766; Mar. 30.
Schubert, Clarence A., Findlay, Ohio. Handling apparatus for coal and the like. 1,578,765; Mar. 30.
Schuyler, Adyn E. (See Schmitz, J. A., and Schuyler.)
Scott, George E., Kankakee, Ill. Weather stripping for window and door casements. 1,578,767; Mar. 30.
Scott, John L., Vicksburg, Miss. Car-flange-wheel oiler. 1,578,768; Mar. 30.
Scully, James N., and C. A. Lincoln, assignors to The Houdaille Company, Buffalo, N. Y. Sectional spring cover. 1,578,553; Mar. 30.
Seal, William D., Des Arc, Mo. Wrench. 1,579,152; Mar. 30.
Seeger, Edwin W., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Motor controller. 1,578,925; Mar. 30.
Seeler, Alfred A. O., South Orange, N. J. Key holder. 1,579,153; Mar. 30.

Sehl, Eugene, St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting machine. 1,578,375; Mar. 30.
Seidenschnur, Fritz, Freiberg, Germany. Production of coke and tar from coal. 1,578,376; Mar. 30.
Seligman, Meyer, New York, N. Y. Game apparatus. 1,578,554; Mar. 30.
Sergeant, Newton D., Springbrook, Wis. Power cultivator. 1,578,769; Mar. 30.
Sexton, Isaac E., Winchester, Mass. Sheet-metal can. 1,578,555; Mar. 30.
Sexton, Isaac E., Winchester, Mass. Can nozzle. 1,578,556; Mar. 30.
Sexton, Isaac E., Winchester, Mass. Jacket-securing means for jacketed cans. 1,578,557; Mar. 30.
Shaw, George S. (See Marshall, M. J., and Shaw.)
Shawl, Walter W., North Industry, assignor of one-half to J. W. Woodruff, Canton, Ohio. Ladle cage. 1,578,474; Mar. 30.
Sheehan, Thomas C., Upper Montclair, assignor to Wade & Butcher Corporation, Jersey City, N. J. Polishing machine. 1,578,558; Mar. 30.
Sheer, Henry M., assignor to H. M. Sheer Company, Quincy, Ill. Heating system for incubators, brooders, and the like. 1,579,154; Mar. 30.
Sheer, Henry M., assignor to H. M. Sheer Company, Quincy, Ill. Sectional canopy for brooders. 1,579,155; Mar. 30.
Sheer, H. M., Company. (See Sheer, Henry M., assignor.)
Shepherd, Arthur J. (See Lack, S. W., and Shepherd.)
Sherman, Clifton W. (See Ditmore, G. W., and Sherman.)
Sherman, Howard B., Battle Creek, Mich. Steel lumber. Re16,302; Mar. 30.
Sherwin-Williams Company, The. (See Holton, Edward C., assignor.)
Shields, George A., Columbus, Ohio. Glass-making machine. 1,578,926; Mar. 30.
Shoemaker, Ulysses S., Princewick, assignor to G. W. Williams, Beckley, W. Va. Check lock. 1,578,856; Mar. 30.
Short, Guilford W., Pomona, Calif. Safety fruit clipper. 1,578,290; Mar. 30.
Sideman, Reuben, San Francisco, Calif. Razor-blade sharpener. 1,578,475; Mar. 30.
Siegel, Chester A., Arlington, N. J., assignor to American Arch Company. Furnace. 1,578,291; Mar. 30.
Siegel, Chester A., Arlington, N. J.; assignor to American Arch Company. Arch brick. 1,578,927; Mar. 30.
Siegmund, Humphreys O., West Orange, N. J., and B. E. Brown, assignors to Western Electric Company, Incorporated, New York, N. Y. Electrode for electrolytic cells. 1,578,857; Mar. 30.
Siemann, John H., Brooklyn, N. Y. Electrical contact for terminals of vacuum tubes. 1,579,156; Mar. 30.
Siemens & Halske Aktiengesellschaft. (See Frübing, Georg, assignor.)
Silva, Michael F., Boston, Mass. Sprinkler-head-controlling mechanism. 1,578,770; Mar. 30.
Simonds Saw and Steel Company. (See Farwell, Albert W., assignor.)
Simons, Philip, Pewamo, Mich. Cultivator. 1,578,771; Mar. 30.
Simpson, Sumner, assignor to The Raybestos Company, Bridgeport, Conn. Clutch facing and making same. 1,578,928; Mar. 30.
Simpson, Sumner, assignor to The Raybestos Company, Bridgeport, Conn. Clutch facing and making same. 1,578,929; Mar. 30.
Sims, Charles A., Odon, Ind. Side lamp for automobiles. 1,578,772; Mar. 30.
Singeltary, William P., Asheville, N. C. Tie plate. 1,579,157; Mar. 30.
Sklarek, Clifford, assignor to International Spotlight Corporation, Chicago, Ill. Dirigibly-mounted light. 1,578,930; Mar. 30.
Slaght, Daniel C., Easton, Pa. Internal-combustion engine. 1,578,476; Mar. 30.
Slater, Fred M. (See Bayles, L. C., and Slater.)
Small, Lebbeus J., Coffee Creek, Mont. Frame construction for surface cultivators. 1,578,931; Mar. 30.
Smillie, Robert H., Oakland, Calif. Water filter. 1,579,158; Mar. 30.
Smith, Arthur J., Hazleton, Pa. Auto radiator cover. 1,578,932; Mar. 30.
Smith, Claude, Chicago, Ill. Continuously-operated kiln. 1,578,559; Mar. 30.
Smith, Harry B., Albany, N. Y. Treating silk. 1,578,933; Mar. 30.
Smith, Harry W., North Grafton, Mass. Closure for fuel tanks. 1,578,773; Mar. 30.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,578,292; Mar. 30.
Smith, John T., Carey, Tex. Harrowing and plowing attachment for cultivators. 1,578,774; Mar. 30.
Smith, Nicholls J., Bainbridge, Ga. Fishing reel. Re16,300; Mar. 30.
Smith, Norman, and F. W. Gallagher, Lincoln Park, N. J. Sheet-rock cutter. 1,578,477; Mar. 30.
Smith, Richard, Yuma, Ariz. Traffic signal. 1,579,037; Mar. 30.
Smith, Wesley A., Sioux City, Iowa. Faucet. 1,578,613; Mar. 30.
Smoot, Charles H., Maplewood, N. J. Motor regulator. 1,579,038; Mar. 30.
Smythe, Margaret H., Evanston, Ill. Curtain fixture. 1,578,858; Mar. 30.
Snider, William S., Chilliwack, British Columbia, Canada. Soil pulverizer. 1,578,859; Mar. 30.
Société Anonyme des Anciens Etablissements Ch. Fondes. (See Morel, Eugene M., assignor.)
Société Nationale d'Industrie Chimique en Belgique, Société Anonyme. (See de Béthune, G., and Vahrenkampf, assignors.)
Socin, Francis C. (See Johanson, T. A., and Socin.)
Solon, Marc, assignor to Mercer Pottery Company, Trenton, N. J. Dish or the like. Des. 69,807; Mar. 30.
Sommers, Robert E., assignor to Himmel & Isaacs, Inc., New York, N. Y. Hand-bag construction. 1,579,198; Mar. 30.
Sousedik, Josef, Vsetin, Czechoslovakia, assignor of one-third to R. Suczek, Philadelphia, Pa. Starting mechanism for alternating-current machines. 1,578,860; Mar. 30.
Spalsbury, Charles B., assignor to Johnson, Stephens and Shinkle Shoe Company, St. Louis, Mo. Trimming machine. 1,578,293; Mar. 30.
Speck, William C., Lamesa, Tex. Cultivator attachment. 1,578,775; Mar. 30.
Sperr, Frederick W., jr., assignor to The Koppers Company, Pittsburgh, Pa. Process and apparatus for eliminating the sulphureted hydrogen in fuel gas. 1,578,560; Mar. 30.
Sperr, Frederick W., jr., assignor to The Koppers Company, Pittsburgh, Pa. Removal of naphthalene and analogous hydrocarbons from fuel gases. 1,578,687; Mar. 30.
Spescha, Roy G., New York, N. Y. Antiskid device. 1,578,478; Mar. 30.
Spikings, Albert R., Lake Placid Club, N. Y. Rail fitting. 1,579,159; Mar. 30.
Spikings, Albert R., Lake Placid Club, N. Y. Bracing coupling. 1,579,160; Mar. 30.
Spies, Edwin A., Pelham, N. Y. Plaster-of-Paris bandage. 1,578,688; Mar. 30.
Spliger, John P., Reynolds, Ill. Mowing machine. 1,578,689; Mar. 30.
Squire, Harry E., Oakland, Calif. Composite wall and constructing same. 1,578,861; Mar. 30.
Stacey, Sidney W., Uniontown, Pa. Automobile hydraulic governor. 1,579,161; Mar. 30.
Staley, Joseph H., Columbus, Ind. Sand-blast apparatus. 1,578,862; Mar. 30.
Standard Development Company. (See Clark, Edgar M., assignor.)
Standard Pressed Steel Company. (See Paxson, Walter R., assignor.)
Stanwood Equipment Company. (See Stanwood, Frank H., assignor.)
Stanwood, Frank H., Wilmette, assignor to Stanwood Equipment Company, Chicago, Ill. Foot scraper for automobile running boards. 1,578,863; Mar. 30.
Stanwood, Frank H., Wilmette, assignor to Stanwood Equipment Company, Chicago, Ill. Foot scraper for automobile running-board treads. 1,578,864; Mar. 30.
Starke, Alfred, Scottdale, Pa., and H. von Wartenberg, Danzig-Langfuhr, Free State of Danzig, assignors to the Firm of Ozon,Hochfrequenz G. m. b. H., Berlin Wilmersdorf, Germany. Producing ozone. 1,579,162; Mar. 30.
States Company, The. (See Larson, Werner J., assignor.)
Steadworthy, Henry. (See Cooper, Francis W., and Steadworthy.)
Stearns Conveyor Company, The. (See Stearns, Earl D., assignor.)
Stearns, Earl D., assignor to The Stearns Conveyor Company, Cleveland, Ohio. Storage bin. 1,578,690; Mar. 30.
Steffan, William C., F. B. Ackermann, and W. J. Greiner, Chicago, Ill. Saw blade. 1,579,039; Mar. 30.
Steidle, Edward. (See Jakosky, John J., assignor.)
Steinmann, August, assignor to A. Christ, jr., Chicago, Ill. Shock absorber. 1,578,561; Mar. 30.
Stephens, Alfred. (See Campbell, Henry G., assignor.)
Stephens, Johnson and Shinkle Shoe Company. (See Spalsbury, Charles B., assignor.)
Stephens, Nicholas A. (See Henriksen, A., Stephens, and Zbyshevski.)
Street, Clement F., Greenwich, Conn. Locomotive stack. 1,578,776; Mar. 30.
Stevens-Arvoy, Blanche, née Reneaux, Paris, France, and C. L. Marcus, New York, N. Y. Combined stand and holder for perfume bottles. Des. 69,808; Mar. 30.
Stewart, David H., assignor to Stewart Machine Co., Kent, Ohio. Coin-controlled apparatus. 1,579,163; Mar. 30.
Stewart, Harvey L. (See Gibson, G. W., and Stewart.)
Stewart, Henry A., and F. L. Holt, Tullahoma, Tenn. Tractor. 1,578,479; Mar. 30.
Stewart Machine Co. (See Stewart, David H., assignor.)
Stewart Manufacturing Corporation. (See Carlson, Eric, assignor.)
Stewart, Thomas J. (See Brown, Julius M., assignor.)
Sterling, Robert R., et al. (See Chittenden, Coy W., assignor.)
Stern, Bernard G., Cleveland, Ohio. Combination faucet housing. 1,578,934; Mar. 30.

Stickney, Burnham C., Rutherford, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,578,294; Mar. 30.
Stickney, Burnham C., Rutherford, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,578,480; Mar. 30.
Stickney, Burnham C., Rutherford, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,578,935; Mar. 30.
Stromberg-Carlson Telephone Manufacturing Company, The. (See Beach, J. M., and Weeks, assignors.)
Stone, R. Harry. (See Herbst, W. K., and Stone.)
Stryker, George B., and F. A. Mantel, assignor to The Stryker Kot-N-Wood Products Company, Memphis, Tenn. Paving block and building material. 1,578,481; Mar. 30.
Stryker Kot-N-Wood Products Company, The. (See Stryker, G. B., and Mantel, assignors.)
Stuart, Nicholas H. (See Wigginton, G. P., Allyn, and Stuart.)
Strunck, Louise M. (See Hinkson, James R., assignor.)
Suczek, Robert. (See Sousedik, Josef, assignor.)
Suczek, Robert, assignor to C. H. Wheeler Manufacturing Company, Philadelphia, Pa. Fluid-compressing apparatus. 1,578,865; Mar. 30.
Sullivan, James S., Birmingham, Ala. Towel cabinet. 1,578,614; Mar. 30.
Summit Thread Company. (See Thomson, Edward J., assignor.)
Superior Motor Coach Body Company, The. (See Paul, Sydney, assignor.)
Swain, Donald B., assignor to Millers Falls Company, Millers Falls, Mass. Locking device and tool. 1,578,866; Mar. 30.
Swan, Fred, Marietta, Ohio. Spring rod for underreamers. 1,578,482; Mar. 30.
Swebilius, Carl G., assignor to The Marlin Firearms Corporation, New Haven, Conn. Firearm. 1,578,777; Mar. 30.
Swihart, Virgil D., Chicago, Ill. Knife guard. 1,578,295; Mar. 30.
Symington Company, The. (See Kadel, Byers W., assignor.)
Syracuse Washing Machine Corporation. (See Wilkinson, G. C., and Hedglon, assignors.)
Tabulating Machine Company, The. (See Lake, Clair D., assignor.)
Tafler, Edgar, & Company. (See Geyer, Leopold, assignor.)
Taleen, Carl C., assignor to W. J. Hartwig, Detroit, Mich. Pole-piece-finishing machine. 1,578,562; Mar. 30.
Tan Sad Limited. (See Headley, Frederick H., assignor.)
Tanners Products Company. (See Gallagher, Alfred H., assignor.)
Tapp, John C., Monarch, Colo. Gasoline gauge for automobile engines. 1,578,936; Mar. 30.
Taylor, Albert H., Washington, D. C., assignor to Wired Radio, Inc., New York, N. Y. Multifrequency crystal-controlled oscillator. 1,578,296; Mar. 30.
Taylor, Charles B., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system for prime movers. 1,578,867; Mar. 30.
Taylor, William H. (See Henshaw, H. H., and Taylor.)
Teich, Ernest L., assignor to The American Hardware Corporation, New Britain, Conn. Lock. 1,578,483; Mar. 30.
Teixeira, John B., near San Jose, assignor of one-half to A. M. Bettencourt, San Jose, Calif. Roofing tile. 1,579,179; Mar. 30.
Ternstedt Manufacturing Company. (See Heintz, Ernest E., assignor.)
Thackwell, Henry L., assignor of one-half to F. A. Jones, Dallas, Tex. Sewage and water clarifying tank. 1,578,691; Mar. 30.
Thayer, Lester, Winthrop, assignor to Forbes Lithograph Manufacturing Company, Boston, Mass. Press. 1,579,180; Mar. 30.
Thayer, Lester, Winthrop, assignor to Forbes Lithograph Manufacturing Company, Boston, Mass. Method of and apparatus for lithographing. 1,579,181; Mar. 30.
Thayer, Lester, Winthrop, assignor to Forbes Lithograph Manufacturing Company, Boston, Mass. Lithographing press. 1,579,182; Mar. 30.
Thomas, Frederick W., Savannah, Ga. Rosin sampler. 1,578,484; Mar. 30.
Thomas, John W., Fullerton, Pa., assignor to Fuller-Lehigh Company. Circuit closer. 1,578,563; Mar. 30.
Thomas, Walter H., Spencer, Iowa. Foot fuel control for motor vehicles. 1,578,868; Mar. 30.
Thomayer, George T., assignor, by mesne assignments, to Economy Dyeing Machine Corporation, Albany, N. Y. Yarn-dyeing device. 1,579,040; Mar. 30.
Thommen, William H., assignor to Plymouth Radio and Phonograph Co., Plymouth, Wis. Antivibrating horn. 1,578,869; Mar. 30.
Thompson, Harold E. (See McNiff, H., and Thomoson.)
Thompson, Milton G. (See Bouton, E. M., and Thompson.)
Thomson, Edward J., Quincy, Mass., assignor to Summit Thread Company, East Hampton, Conn. Spool or bobbin. 1,578,870; Mar. 30.
Thomson Electric Welding Company. (See Hall, P. M., and Remington, assignors.)
Thornhill, Roberta R., Lynchburg, Va., assignor to Virginia Art Goods League, Incorporated. Combination traveling case and toilet table. 1,578,778; Mar. 30.
Thornley, Joseph H., New York, N. Y. Driving and forming cast-in-place piles. 1,579,164; Mar. 30.
Thrasher, Orville A., deceased, American Fork, by M. H. Greene, administrator, Salt Lake City, Utah. Sanitary nest lining. 1,578,092; Mar. 30.
Tidal Oil Company. (See Birtciel, John A., assignor.)
Tidmore, Jesse A., Bellamy, Ala. Vehicle spring. 1,578,297; Mar. 30.
Tiencken, William N., Savannah, Ga. Color blender. 1,579,165; Mar. 30.
Timmerman, Albert H., Cleveland, Ohio. Stove construction. 1,578,937; Mar. 30.
Timmermann, Albert H., Cleveland, Ohio. Cookstove-oven construction. 1,578,938; Mar. 30.
Tinnerman, Albert H., Cleveland, Ohio. Thermostatic control for stove ovens. 1,578,939; Mar. 30.
Titus, Alfred E., Trenton, N. J. Refrigerator-door lock. 1,578,779; Mar. 30.
Titus, Alfred E., Trenton, N. J. Door hinge. 1,578,780; Mar. 30.
Timken Roller Bearing Company, The. (See Miller, G. L., and Haines, assignors.)
Titusville Forge Company. (See Montgomery, Gustavus A., assignor.)
Tod, William, Junior, and Company (1923) Limited. (See Hunter, W., and Fairgrieve, assignors.)
Todd, Samuel H., Highland Park, Mich. Electric switch. 1,578,485; Mar. 30.
Tootle, Curtis G., Atlanta, Ga. Clutch-pedal-release mechanism. 1,578,615; Mar. 30.
Tortorich, Anthony, and E. F. Wilkinson, sr., Lutcher, La. Boiler. 1,579,166; Mar. 30.
Touly, Marcel. (See Blondel, A., and Touly.)
Towl, Leslie, London, England. Holding abrasive, polishing, or like material. 1,579,167; Mar. 30.
Tredwell, Charles A., assignor to Winchester Repeating Arms Co., New Haven, Conn. Telescopic fishing rod. 1,578,781; Mar. 30.
Trootneff, Michael, and J. Gromeeko, San Francisco, Calif. Combination bath apparatus. 1,578,616; Mar. 30.
Truman, Ernest, Toledo, Ohio, assignor to Fox Automotive Products Corporation, Philadelphia, Pa. Steering-wheel lock. 1,578,782; Mar. 30.
Trumbull Electric Manufacturing Company, The. (See Getchell, Benjamin E., assignor.)
Trundle, Charles M., and E. T. Mills, Millville, W. Va. Rail joint. 1,578,871; Mar. 30.
Tuttle, Grover G., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Water-tube connection. 1,579,041; Mar. 30.
Underwood Typewriter Company. (See Corcoran, C. B., and Kurowski, assignors.)
Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Typewriter Company. (See Rowley, Edward G., assignor.)
Underwood Typewriter Company. (See Smith, Jesse A. assignor.)
Underwood Typewriter Company. (See Stickney, Burnham C., assignor.)
Underwood Typewriter Company. (See Waldheim, John, assignor.)
Unico Motor Products Corporation. (See Edelmann, Louis A., assignor.)
Union Railway Equipment Company. (See Hall, William B., assignor.)
Union Steel Products Company. (See Horton, E. Milton, assignor.)
United Engineering and Foundry Company. (See Biggert, Florence C., jr., assignor.)
United Shoe Machinery Corporation. (See Duplessis, René E., assignor.)
United Shoe Machinery Corporation. (See Keall, Frank B., assignor.)
United Shoe Machinery Corporation. (See Perry, Frederick H., assignor.)
United Shoe Machinery Corporation. (See Schl, Eugene, assignor.)
Universal Cement Casket Corporation. (See Fisher, Albert A., assignor.)
Utz, John G., Detroit, Mich., assignor to The Warford Corporation, New York, N. Y. Speed-changing mechanism. 1,578,486; Mar. 30.
Vahrenkampf, Robert. (See de Béthune, G., and Vahrenkampf.)
Van Bloem, Paul S., Hempstead, assignor to Viking Products Corporation, New York, N. Y. Elevator signal system. 1,578,783; Mar. 30.
Van Houten, Frank H., assignor to Dutchess Tool Company, Beacon, N. Y. Doughproofing cabinet. 1,578,617; Mar. 30.
Vawter, Charles E., Philadelphia, Pa., assignor to Dubilier Condenser & Radio Corporation, New York, N. Y. Electric condenser. 1,579,168; Mar. 30.
Veit, Berthold, New York, N. Y. Ring or similar article. Des. 69,809; Mar. 30.
Venon, Jules H., New York, N. Y. Goblet or similar article. Des. 69,810; Mar. 30.
Venosta, Giuseppe, Milan, Italy. Manufacture of dipped rubber goods. 1,579,169; Mar. 30.

Vernam, Gilbert S., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Printing-telegraph system. 1,578,299; Mar. 30.
Vernet, Sergius, assignor to H. H. Franklin Manufacturing Company, Syracuse, N. Y. Primer for internal-combustion engines. 1,578,693; Mar. 30.
Viking Products Corporation. (See Van Bloem, Paul S., assignor.)
Virginia Art Goods League Incorporated. (See Thornhill, Roberta R., assignor.)
Vondra, Karel, Kyspeck Nad Orlici, Czechoslovakia. Typewriter. 1,578,800; Mar. 30.
Von Wartenberg, Hans. (See Starke, A., and von Wartenberg.)
Voices Incorporated. (See Evans, Fred, assignor.)
Voss, William H., Davenport, Iowa. Washing-machine-operating mechanism. 1,578,564; Mar. 30.
Vulcan Last Company, The. (See Clausing, George, assignor.)
W-H Keyless Lock Company. (See Wildrick, Meade, assignor.)
Wacha, John C., Providence, R. I., assignor to George H. Cahoone Company. Fastener for chains. 1,578,940; Mar. 30.
Wade & Butcher Corporation. (See Sheehan, Thomas E., assignor.)
Wagner, Charles J., Fort Lupton, Colo. Cleaning compound. 1,578,487; Mar. 30.
Wahl Company, The. (See Wahl, John C., assignor.)
Wahl, John C., assignor to The Wahl Company, Chicago, Ill. Mechanical pencil. 1,578,565; Mar. 30.
Waidheim, John, Elizabeth, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,578,941; Mar. 30.
Walker, Edward T., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam support and safety device. 1,578,301; Mar. 30.
Walker, Howard G., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling stands. 1,578,488; Mar. 30.
Walker Signal & Equipment Corporation. (See Walker, William L., assignor.)
Walker, William L., assignor to Walker Signal & Equipment Corporation, New York, N. Y. Microphone. 1,578,489; Mar. 30.
Walsh, Albert J., West Springfield, Mass. Automatic shut-off valve. 1,578,872; Mar. 30.
Walsh, Joseph H., Boston, Mass., assignor to Johns-Manville, Incorporated, New York, N. Y. Process of and apparatus for drying fabric webs. 1,578,298; Mar. 30.
Walton, Joseph S., Los Angeles, Calif. Swivel connection. 1,578,784; Mar. 30.
Walter, Maurice, New York, N. Y. Chassis construction for motor vehicles. 1,578,302; Mar. 30.
Walter, Raymond A., New York, N. Y., and W. M. Duke, Franklin, Pa. Apparatus for use in the construction of framework supports for conveyers. 1,578,303; Mar. 30.
Wander, Herman. (See Levy, M. H., and Wander.)
Warford Corporation, The. (See Utz, John G., assignor.)
Warrick, Dwight L., York, Nebr. Gas generator. 1,578,942; Mar. 30.
Watkins, William, Oakland, Calif. Brick and block mold. 1,579,042; Mar. 30.
Watson, Charles N., St. Joseph, Mo. Hair-waving instrument. 1,578,566; Mar. 30.
Watts, E. R., & Son, Limited. (See Weston, Samuel, assignor.)
Weagant, Roy A., New York, N. Y., assignor to Radio Corporation of America. Apparatus for preventing interference in radiosignaling. 1,578,490; Mar. 30.
Wearn, James S., assignor to Wearns Automatic Drive Company, Limited, Christchurch, New Zealand. Power-transmission mechanism for cream separators and other machines. 1,578,785; Mar. 30.
Wearns Automatic Drive Company Limited. (See Wearn, James S., assignor.)
Weaver, John W., Raleigh, N. C. Basket-ball game apparatus. 1,579,172; Mar. 30.
Weeks, Oakley V. (See Beach, J. M., and Weeks.)
Weiland, Alfred, East Orange, N. J. Shock absorber. 1,579,183; Mar. 30.
Weiland, Alfred, East Orange, N. J. Shock absorber. 1,579,184; Mar. 30.
Weiland, Alfred, East Orange, N. J. Shock absorber. 1,579,185; Mar. 30.
Weiland, Alfred, Neshanic, N. J., assignor to Pneumatic Appliances Corporation, New York, N. Y. Vehicle bumper. 1,579,186; Mar. 30.
Weiland, Alfred, Neshanic, N. J., assignor to Pneumatic Appliances Corporation, New York, N. Y. Shock absorber. 1,579,187; Mar. 30.
Weiland, Alfred, Neshanic, N. J., assignor to Pneumatic Appliances Corporation, New York, N. Y. Shock absorber. 1,579,188; Mar. 30.
Welch, Harry V., assignor to International Precipitation Company, Los Angeles, Calif. Recovery of metals from their ores. 1,578,618; Mar. 30.
Welch, Horace H., Detroit, Mich., assignor to E. V. Gustafson, Chicago, Ill. Carburetor. 1,578,873; Mar. 30.
Welcome, Harold A., assignor to American Mason Safety Tread Company, Lowell, Mass. Stair tread. 1,578,491; Mar. 30.
Welte-Mignon Corporation. (See Cheek, Tolbert F., assignor.)
Weltz, Earl H., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making nitranisoles. 1,578,943; Mar. 30.
Wemple, Leland E., Cleveland, Ohio. Separating metal from metalliferous material. 1,578,694; Mar. 30.
Werner, William, Corsicana, assignor to Mexia Planing Mill Company, Mexia, Tex. Ferrule. 1,578,304; Mar. 30.
Wester, Arthur A., Denver, Colo. Piston ring. 1,579,043; Mar. 30.
Western Electric Company. (See Beck, William O., assignor.)
Western Electric Company. (See Clarke, Harry R., assignor.)
Western Electric Company. (See Craft, Edward B., assignor.)
Western Electric Company. (See Fetzer, Karl M., assignor.)
Western Electric Company. (See Harrison, Henry C., assignor.)
Western Electric Company. (See Hunter, Frederick L., assignor.)
Western Electric Company. (See Kelsay, Le Roy W., assignor.)
Western Electric Company. (See Martin, Frederick J., assignor.)
Western Electric Company. (See Martin, Harold T., assignor.)
Western Electric Company. (See Nelson, Edward L., assignor.)
Western Electric Company. (See Nichols, Harold W., assignor.)
Western Electric Company. (See Nicolson, Alexander M., assignor.)
Western Electric Company. (See Peterson, Eugene, assignor.)
Western Electric Company. (See Reddig, Charles E., assignor.)
Western Electric Company. (See Richard, Charles D., assignor.)
Western Electric Company. (See Siegmund, H. O., and Brown, assignors.)
Western Electric Company. (See Walker, Howard G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Angus, Donald J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Aram, Otto, assignor.)
Westinghouse Electric & Manufacturing Company. (See Austin, Walter M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bouton, H. M., and Thompson, assignors.)
Westinghouse Electric & Manufacturing Company. (See Bratt, Donald, assignor.)
Westinghouse Electric & Manufacturing Company. (See Bratt, D., and Fechheimer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Breisch, Edgar W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dennington, Arthur R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dorfman, Leo, assignor.)
Westinghouse Electric & Manufacturing Company. (See Garbutt, Harry L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gilman, Ralph E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gilman, R. E., Bratt, and Fechheimer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Houston, H. A., and Alben, assignors.)
Westinghouse Electric & Manufacturing Company. (See Ireland, Morris, assignor.)
Westinghouse Electric & Manufacturing Company. (See Jackson, Ray P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kintzing, Reese T., assignor.)
Westinghouse Electric & Manufacturing Company. (See McCloskey, Frederick W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mildon, Reginald B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pierce, Raymond T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schwarz, Carl, assignor.)
Westley, Thomas, Dudley, England. Road-vehicle wheel having detachable tire. 1,579,044; Mar. 30.
Westley, Thomas, Dudley, England. Road-vehicle wheel having detachable side ring. 1,579,045; Mar. 30.
Weston, Samuel, assignor to E. R. Watts & Sons, Limited, London, England. Spirit level. 1,578,786; Mar. 30.
Westren, John, assignor to Dunlop Tire & Rubber Goods Co. Limited, Toronto, Ontario, Canada. Forming battery jars and the like. 1,578,787; Mar. 30.
Westrip, Edward D., Pomona, Calif., assignor to The Pomona Manufacturing Company. Gate valve. 1,578,695; Mar. 30.
Wheary-Burge Trunk Company. (See Luce, Milton H., assignor.)
Wheeler, C. H., Manufacturing Company. (See Suczek, Robert, assignor.)
Wheeler, Harry E. (See Robertson, A., Resser, and Wheeler.)

Wheildon, William M., assignor to E. H. Angier, Framingham, Mass. Dispensing material from rolls. 1,578,874; Mar. 30.
White, Charles C., Chicago, Ill. Built-in china closet. 1,578,805; Mar. 30.
Whiteman, George W., and R. C. Paxson, Philadelphia, Pa. Metal wear member. 1,578,788; Mar. 30.
Whitin Machine Works. (See Owen, Henry A., assignor.)
Wicks, Arthur H., Woodstock, Ill. Dust cap. 1,578,567; Mar. 30.
Widmer, John M., assignor to Penick & Ford, Ltd., Incorporated, Cedar Rapids, Iowa. Manufacture of conversion products of starch. 1,578,568; Mar. 30.
Wiegand, William B., Montreal, Quebec, Canada. Rubber composition and making the same. 1,578,875; Mar. 30.
Wigginton, George P., assignor to Kalamazoo Loose Leaf Binder Company, Kalamazoo, Mich. Loose-sheet device. 1,578,620; Mar. 30.
Wigginton, George P., L. I. Allyn, and N. H. Stuart, assignors to Kalamazoo Loose Leaf Binder Company, Kalamazoo, Mich. Loose-sheet device. 1,578,619; Mar. 30.
Wildrick, Meade, Savannah, Ga., assignor to W-H Keyless Lock Company, Limited, Honolulu, Hawaii. Keyless lock and permutation wheel for the same. 1,579,046; Mar. 30.
Wilkinson, Edward F., sr. (See Tortorich, A., and Wilkinson.)
Wilkinson, Guy C., and M. Hedglon, assignors to Syracuse Washing Machine Corporation, Syracuse, N. Y. Plunger-operating mechanism. 1,579,170; Mar. 30.
Wilkinson, Robert M., Philadelphia, Pa. Spraying device for plastic material. 1,578,944; Mar. 30.
Willcox, Frederick H., assignor to Freyn, Brassert & Company, Chicago, Ill. Hot-blast stove. 1,578,492; Mar. 30.
Williams, Geo. W. (See Shoemaker, Ulysses S., assignor.)
Wilson, Fred D. (See Beatty, W. T., Davis, and Wilson.)
Wilson, John G., Chicago, Ill. Mechanically operated figure toy. 1,578,789; Mar. 30.
Winchester Repeating Arms Company. (See Gravely, Julian S., assignor.)
Winchester Repeating Arms Co. (See Tredwell, Charles A., assignor.)
Winton, Walter D., Visalia, Calif. Stand. 1,578,493; Mar. 30.
Wired Radio, Inc. (See Duncan, Robert D., jr., assignor.)
Wired Radio, Inc. (See Hough, Clinton W., assignor.)
Wired Radio, Inc. (See Taylor, Albert H., assignor.)
Withers, Sanford M., Denver, Colo. Radium needle structure. 1,578,945; Mar. 30.
Wolff, Paul A., St. Joseph, Mo. Protective coating for battery terminals and making same. 1,578,494; Mar. 30.
Wood, Edward E., Northampton, Mass., assignor to Wm. A. Rogers, Limited, Toronto, Canada. Machine for making knife blades. 1,578,790; Mar. 30.
Wood, Edward E., Northampton, Mass., assignor to Wm. A. Rogers, Limited, Toronto, Canada. Making knife blades. 1,578,791; Mar. 30.
Wood, Garfield A., Detroit, Mich. Automatic bailer. 1,578,621; Mar. 30.
Wood, Herbert, Mortlake, near Sydney, New South Wales, Australia. Water-gas apparatus. 1,578,306; Mar. 30.
Woodard, William E., Forest Hills, N. Y. Locomotive booster apparatus. 1,578,569; Mar. 30.
Woodman, Harold F., Croydon, assignor to Harold Frank Woodman and Creed & Co., Limited, Croydon Surrey, England. Electric-circuit-controlling means. 1,579,047; Mar. 30.
Woodman, Harold Frank, and Creed & Co. (See Woodman, Harold F., assignor.)
Woodruff, John W. (See Shawl, Walter W., assignor.)
Worthington Pump & Machinery Corporation. (See Diserens, Paul, assignor.)
Wright, Clyde S., assignor to The National Supply Company, Toledo, Ohio. Polish-rod clamp. 1,578,696; Mar. 30.
Yale, Rexford W. (See Yale, Rodney H., assignor.)
Yale, Rodney H., assignor to R. W. Yale, Lincoln, Nebr. Lubricator. 1,579,048; Mar. 30.
Yale & Towne Manufacturing Company, The. (See Maxwell, Maxwell C., assignor.)
Yates, John W., New York, N. Y. Dry-pipe valve. 1,579,189; Mar. 30.
Young, Charles D., Philadelphia, Pa. Fishplate. 1,578,946; Mar. 30.
Young, Lawrence, and G. W. Ruggles, Youngstown, Ohio. Automatic gas analyzer and control. 1,578,697; Mar. 30.
Yount, Isaac N., Drinkwater, Saskatchewan, Canada. Grain stooker. 1,578,622; Mar. 30.
Zareko, Walter, New York, N. Y. Merchandise-display box. 1,578,698; Mar. 30.
Zave, Stanley, assignor of two-fifths to J. Karalus, Richmond Hills, N. Y. Toothbrush. 1,578,495; Mar. 30.
Zbyshevski, Valentine. (See Henriksen, A., Stephens, and Zbyshevski.)
Zeiss, Carl. (See Arruga, Hermenegildo, assignor.)
Zeiss, Carl. (See Goegehold, Hans, assignor.)
Zinn, Manvel K., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Inductance coil. 1,578,307; Mar. 30.
Zoni, Charles V., Santa Monica, assignor to The Celite Company, Los Angeles, Calif. Filtration and treatment of liquids. 1,579,171; Mar. 30.
Zublin, John A., Los Angeles, Calif. Rotary well drill. 1,578,023; Mar. 30.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 30TH DAY OF MARCH, 1926.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abrasive, polishing, or like material, Holding. L. Towl. 1,579,167; Mar. 30.
Acetic anhydride and acetaldehyde from ethylidene diacetate, Manufacture of. M. J. Marshall and G. S. Shaw. 1,578,454; Mar. 30.
Acetylene generator. I. M. Hackney. 1,578,725; Mar. 30.
Adjustable frame. E. L. Parkins. 1,578,357; Mar. 30.
Adjustable gauge. C. W. Chittenden. 1,578,955; Mar. 30.
Aero swing. J. Levander. 1,578,450; Mar. 30.
Air and fuel mixing device, Auxiliary. J. S. Poole. 1,578,680; Mar. 30.
Air cleaner. A. M. Sanborn. 1,578,611; Mar. 30.
Air-feed brake. G. W. Hulshizer. 1,578,997; Mar. 30.
Air heater, Electric. C. O. Lindberg. 1,578,897; Mar. 30.
Airplane. M. W. Adkins. 1,578,377; Mar. 30.
Alarm apparatus. O. Sandweiss. 1,579,150; Mar. 30.
Alarm system, Burglar-. G. F. Gasser. 1,578,980; Mar. 30.
Alloy, Aluminum. T. S. Fuller and D. Basch. 1,578,979; Mar. 30.
Anæsthetizer-tank bracket. L. M. Massemore. 1,578,456; Mar. 30.
Anchor. W. L. Alber. 1,578,947; Mar. 30.
Anchoring device. M. J. Scanlan. 1,578,612; Mar. 30.
Antiskid device. R. G. Spescha. 1,578,478; Mar. 30.
Arc device. J. Force. 1,578,973; Mar. 30.
Arch-supporting member. W. H. Cooke. 1,578,715; Mar. 30.
Articles and commodities, Transferring and transporting. E. C. Hamilton and W. C. Poe. 1,578,726; Mar. 30.
Articles of the phenol-formaldehyde condensation-product type, Production of. W. Hunter and J. G. Fairgrieve. 1,579,112; Mar. 30.
Asphalt, Treatment of rock. W. P. Bentley. Re16,301; Mar. 30.
Atomizer or spray nozzle. S. Hrdina. 1,578,733; Mar. 30.
Auger stems, Making deep-well. G. A. Montgomery. 1,578,543; Mar. 30.
Automobile hydraulic governor. S. W. Stacey. 1,579,161; Mar. 30.
Automobile running-board treads, Foot scraper for. F. H. Stanwood. 1,578,864; Mar. 30.
Automobile running boards, Foot scraper for. F. H. Stanwood 1,578,863; Mar. 30.
Automobile seat, Folding. L. J. Morgan. 1,578,676; Mar. 30.
Automobiles and the like, Wheel for. J. W. Mijnssen and K. Künzi. 1,578,746; Mar. 30.
Automobiles, Curtain carrier for. C. B. Moon. 1,578,675; Mar. 30.
Automobiles, Dust cap for. C. V. Coll. 1,579,082; Mar. 30.
Automobiles, Side inclosure for. H. W. Bywater. 1,578,641; Mar. 30.
Badge. R. D. Nileon. Des. 69,805; Mar. 30.
Bailer, Automatic. G. A. Wood. 1,578,621; Mar. 30.
Balancing apparatus. E. A. Keeler. 1,578,831; Mar. 30.
Ball cock. J. Phillips. 1,579,140; Mar. 30.
Bandage, Plaster-of-Paris. E. A. Spies. 1,578,688; Mar. 30.
Barge. C. J. Baer. 1,578,626; Mar. 30.
Basket-ball game apparatus. J. W. Weaver. 1,579,172; Mar. 30.
Bath apparatus, Combination. M. Trootneff and J. Gromeeko. 1,578,616; Mar. 30.
Batteries and the like, Connecting construction for. T. S. Cole. 1,578,265; Mar. 30.
Battery jars and the like, Forming. J. Westren. 1,578,787; Mar. 30.
Battery terminals and making same, Protective coating for. P. A. Wolff. 1,578,494; Mar. 30.
Bearing, Antifriction. J. F. O'Connor. 1,578,353; Mar. 30.
Bearing for grinders, Splash-oiled half. S. Einstein. 1,578,967; Mar. 30.
Bearing shaving and burnishing device. P. Radosevic. 1,578,363; Mar. 30.
Bed. E. P. Kebbe. 1,579,115; Mar. 30.
Bed, Settee, G. J. Hodister and K. L. Schreiber. 1,578,439; Mar. 30.
Bell, Hand. A. Brill. Des. 69,793; Mar. 30.
Belt. Z. F. Harshton. 1,578,727; Mar. 30.
Belt buckle. A. H. Beck. 1,578,809; Mar. 30.
Bending and straightening machine. C. J. Johnson. 1,578,737; Mar. 30.
Bendix drive tool. F. W. Ely. 1,578,649; Mar. 30.
Beveling felt, Method and apparatus for. A. Hugh Gallagher. 1,578,653; Mar. 30.
Bicycle, Water. G. E. Chapin. 1,578,395; Mar. 30.
Bill and key holder, Combination. M. J. Marymont. 1,579,017; Mar. 30.
Bin: *See*—
Storage bin.
Binding post. L. W. Kelsay. 1,578,607; Mar. 30.
Biscuits and like edible articles and means therefor, Manufacture of. L. Rondolin. 1,578,761; Mar. 30.
Blank-holding means. F. C. B. Page. 1,578,547; Mar. 30.
Board: *See*—
Composition board. Plaster board.
Ironing board.
Boat, Sectional. J. M. Sawyer. 1,578,472; Mar. 30.
Boiler: *See*—
Steam boiler.
Boiler cleaner. E. B. Johnson. 1,578,318; Mar. 30.
Boiler. O. T. Nelson. 1,578,346; Mar. 30.
Boiler. A. Tortorich and E. F. Wilkinson, ar. 1,579,166; Mar. 30.
Bolt: *See*—
Crown-block bolt.
Bolt construction. W. A. Dunlap. 1,578,963; Mar. 30.
Book cover. J. Schade. Re16,299; Mar. 30.
Bookbinding. J. Berg. 1,578,799; Mar. 30.
Boots and shoes, Manufacture of. E. B. Hayden. 1,578,890; Mar. 30.
Bottle holder. B. L. Maerts. 1,579,014; Mar. 30.
Bottle opener. J. C. Baumgarten. 1,578,627; Mar. 30.
Bottles, Combined stand and holder for perfume. B. Stevens-Arroy and C. L. Marcus. Des. 69,808; Mar. 30.
Box: *See*—
Display box.
Brace: *See*—
Fender brace.
Bracing coupling. A. R. Spikings. 1,579,160; Mar. 30.
Bracket: *See*—
Anæsthetizer-tank bracket. Ladder bracket.
Brake: *See*—
Air-feed brake. Fluid-operated brake.
Electromagnetic brake.
Brake. W. Fraser. 1,579,100; Mar. 30.
Brake-beam support and safety device. E. T. Walker. 1,578,301; Mar. 30.
Brick and block mold. W. Watkins. 1,579,042; Mar. 30.
Brick, Arch. C. A. Siegel. 1,578,927; Mar. 30.
Brick, Forming face. S. M. Duty. 1,578,409; Mar. 30.
Broadcasting system and generator, Polyphase-carrier-current. R. D. Duncan, jr. 1,578,881; Mar. 30.
Broiler hood. W. A. McClelland. 1,579,011; Mar. 30.
Brush. A. A. Lerass. 1,578,449; Mar. 30.
Brush holder. F. W. McCloskey. 1,578,539; Mar. 30.
Bucket, Grab. W. B. Gregg. 1,578,724; Mar. 30.
Building construction. J. J. Moeba. 1,578,904; Mar. 30.
Bumper. C. Girl. Re16,303; Mar. 30.
Cabinet. J. M. Beach and O. V. Weeks. Des. 69,791–2; Mar. 30.
Cabinet, Advertising. L. H. Quinn, sr., and T. G. Klein. 1,578,919; Mar. 30.
Cabinet and locker, Sheet-metal. E. Foose. 1,578,276; Mar. 30.
Cabinet, Doughproofing. F. H. Van Houten. 1,578,617; Mar. 30.
Cabinet player. T. F. Cheek. 1,579,192; Mar. 30.
Cabinet, Towel. J. S. Sullivan. 1,578,614; Mar. 30.
Cables or the like, Attaching means for. A. O. Austin. 1,578,253; Mar. 30.
Cables or the like, Holder for. A. O. Austin. 1,578,252; Mar. 30.
Calculating mechanism. E. J. Brandt. 1,578,260; Mar. 30.
Calendar, Perpetual. F. Schultz. 1,578,374; Mar. 30.
Cam, Adjustable dividing. W. L. Denson and G. E. Brumitt. 1,579,091; Mar. 30.
Camera. C. A. Bornmann. 1,578,635; Mar. 30.
Camera attachment. G. A. Mitchell. 1,578,842; Mar. 30.
Camera, Photographic. D. A. Murray. 1,579,022; Mar. 30.
Can: *See*—
Sheet-metal can.
Can covers for sealing, Conditioning. B. Dewey and T. Miller. 1,578,407; Mar. 30.
Can-delivering mechanism. C. F. McEwan. 1,578,451; Mar. 30.

Cans, Jacket-securing means for jacketed. I. E. Sexton. 1,578,557; Mar. 30.
Cans, Machine for crimping polygonal. J. H. Gordon. 1,578,426; Mar. 30.
Candle, Self-fitting. R. H. Pybus. 1,579,142; Mar. 30.
Candy coating and decorating machine. A. D. Panoulias. 1,578,465; Mar. 30.
Canopy for brooders, Sectional. H. M. Sheer. 1,579,155; Mar. 30.
Car, Drop-bottom stock. A. C. Mather. 1,578,840; Mar. 30.
Car. Dust-distributing. R. D. Beatty. 1,578,626; Mar. 30.
Car-flange-wheel oiler. J. L. Scott. 1,578,768; Mar. 30.
Cars, Grain door for freight. J. A. Schmitz and A. E. Schuyler. 1,578,686; Mar. 30.
Cars, Hand brake for railway. C. E. Dath. 1,578,266; Mar. 30.
Cars, High-voltage signaling system for electrically-operated street. C. Reinker. 1,578,367; Mar. 30.
Carburetor. B. Bannister. 1,578,382; Mar. 30.
Carburetor. H. H. Welch. 1,578,873; Mar. 30.
Cards, Error indicator for tabulation. D. C. Daubmeyer. 1,578,717; Mar. 30.
Carpet sweeper and cleaner, Portable electric suction. I. J. Owen. 1,578,750; Mar. 30.
Carrier: *See*—
Tire carrier.
Carrier mechanism. G. E. Kernes. 1,578,322; Mar. 30.
Carrier-wave transmission. H. W. Nichols. 1,578,846; Mar. 30.
Carton. T. S. Harris. Des. 69,799; Mar. 30.
Case: *See*—
Vanity case.
Casket, Burial. A. A. Fisher. 1,578,652; Mar. 30.
Cast or molded articles. F. A. De Silva. 1,579,003; Mar. 30.
Ceiling construction. H. E. Marks. 1,579,015; Mar. 30.
Ceiling hanger. P. Duphiney. 1,578,964; Mar. 30.
Chain, Noiseless. R. W. Dull and F. J. Oakes. 1,578,271; Mar. 30.
Chains, Fastener for. J. C. Wacha. 1,578,940; Mar. 30.
Chair: *See*—
Rest chair. Sectional chair.
Chair. D. R. Cotner. 1,579,085; Mar. 30.
Chart. A. L. Joyce. 1,578,895; Mar. 30.
Check lock. U. S. Shoemaker. 1,578,856; Mar. 30.
Check-protecting device. C. R. Martineau. 1,578,289; Mar. 30.
Cheese manufacture, Skim-. C. M. Gere. 1,578,820; Mar. 30.
Cheese, Ripening. E. W. Coon. 1,579,196; Mar. 30.
China closet, Built-in. C. C. White. 1,578,305; Mar. 30.
Chlorine from air, Removing traces of. L. Rosenstein. 1,578,850; Mar. 30.
Chuck. L. A. Edelmann. 1,578,966; Mar. 30.
Cigar-bunch shaper, Single-actuator. W. B. Bronander. 1,578,579; Mar. 30.
Cigar lighter. S. E. Guinn. 1,578,430; Mar. 30.
Cigarette former. F. B. Barstow. 1,579,061; Mar. 30.
Cigarette-machine catcher. T. Fetzer. 1,578,505; Mar. 30.
Circuit breaker. W. M. Austin. 1,578,572; Mar. 30.
Circuit closer. J. W. Thomas. 1,578,563; Mar. 30.
Circuit-controlling means, Electric-. H. F. Woodman. 1,579,047; Mar. 30.
Clamp: *See*—
Polish-rod clamp. Wire clamp.
Clamping and supporting device. C. Borgmann. 1,578,634; Mar. 30.
Clasp: *See*—
Safety clasp.
Cleaner: *See*—
Air cleaner. Boiler cleaner.
Cleaning compound. C. J. Wagner. 1,578,487; Mar. 30.
Clipper, Safety fruit. G. W. Short. 1,578,290; Mar. 30.
Closet: *See*—
China closet.
Closure, Frictional sealing. G. Ramsey. 1,578,681; Mar. 30.
Clothes hanger. D. B. Myers. 1,579,023; Mar. 30.
Clothesline-supporting device. C. McReynolds. 1,578,334; Mar. 30.
Clothing, Security device for. W. R. Clark. 1,578,712; Mar. 30.
Clutch facing and making same. S. Simpson. 1,578,928–9; Mar. 30.
Clutch, Fluid-pressure. J. T. Dickson. 1,578,815; Mar. 30.
Coal and the like, Handling apparatus for. C. A. Schubert. 1,578,765; Mar. 30.
Coasting device. H. J. Ferris. 1,578,415; Mar. 30.
Coffee sack and holder, Combined. A. G. Herold. 1,578,314; Mar. 30.
Coke and tar from coal, Production of. F. Seidenschnur. 1,578,376; Mar. 30.
Coil, Inductance. M. K. Zinn. 1,578,307; Mar. 30.
Coiling machine, Textile-. E. O. Roe and L. P. Frieder. 1,578,921; Mar. 30.
Coin-controlled apparatus. D. H. Stewart. 1,579,163; Mar. 30.
Collar-sorting rack. F. C. Lackman. 1,579,122; Mar. 30.
Color blender. W. N. Tisacken. 1,579,165; Mar. 30.
Color music, Key instrument for executing. W. Behmeer. 1,578,378; Mar. 30.
Colored pressed articles, Manufacturing. B. Lauckner. 1,578,327; Mar. 30.
Comb: *See*—
Folding comb.
Combination case. W. N. Coleman. 1,579,081; Mar. 30.
Combination lock. N. N. Neher. 1,579,131; Mar. 30.
Commutator and making it. V. G. Apple. 1,578,793; Mar. 30.
Commutator and slip-ring brush shunt connections. H. H. Erdman. 1,579,097; Mar. 30.
Composition board, Reenforced. T. B. Munroe. 1,578,344; Mar. 30.
Compressor. E. R. De Luiz. 1,578,880; Mar. 30.
Compressor intake muffler. W. Raymond. 1,578,682; Mar. 30.
Concrete-block-making machine. J. M. Phillips and H. D. Phillips. 1,578,467; Mar. 30.
Condenser. J. A. Klause. 1,578,832; Mar. 30.
Condenser and resistance unit, Combined. W. H. Frasse. 1,578,977; Mar. 30.
Condenser, Electric. C. E. Vawter. 1,579,168; Mar. 30.
Constant-volume regulator. L. R. Huff. 1,578,441; Mar. 30.
Conveyers, Apparatus for use in the construction of frame-work supports for. R. A. Walter and W. M. Dake. 1,578,303; Mar. 30.
Cooking apparatus. L. Romero. 1,579,147; Mar. 30.
Cork-rod-packing machine. C. E. McManus. 1,579,013; Mar. 30.
Corn, device for drying. H. V. Harreld. 1,578,989; Mar. 30.
Cornice, Window. A. L. Nusbaum. 1,579,134; Mar. 30.
Corset. K. E. Cunningham. 1,578,716; Mar. 30.
Coupling: *See*—
Bracing coupling.
Coupling. A. E. Bronson and E. L. Fuller. 1,578,504; Mar. 30.
Coupling. N. W. Cummins. 1,578,808; Mar. 30.
Coupling. F. E. Rubelli and O. Frisk. 1,579,149; Mar. 30.
Crank, Automatic disengageable. L. Reider. 1,579,031; Mar. 30.
Crates, Safety strap for shipping. E. W. Crabtree. 1,578,879; Mar. 30.
Crown-block bolt. W. E. Gordon. 1,578,656; Mar. 30.
Crusher. J. R. Bakstad. 1,578,948; Mar. 30.
Crystals, Growing. A. M. Nicolson. 1,578,677; Mar. 30.
Cultivator. J. J. Frazier. 1,578,886; Mar. 30.
Cultivator. P. Simons. 1,578,771; Mar. 30.
Cultivator attachment. W. C. Speck. 1,578,775; Mar. 30.
Cultivator, Power. N. D. Sergeant. 1,578,769; Mar. 30.
Cultivator, Power-driven. J. A. Mould. 1,578,343; Mar. 30.
Cultivators, Frame construction for surface. L. J. Small. 1,578,931; Mar. 30.
Cultivators, Harrowing and plowing, Attachment for. J. T. Smith. 1,578,774; Mar. 30.
Curb box and cock support. J. R. Flinn. 1,578,885; Mar. 30.
Current machines, Starting mechanism for alternating. J. Sousedik. 1,578,866; Mar. 30.
Currents, Generating high-frequency. A. P. Blondel and M. Touly. 1,578,258; Mar. 30.
Curtain fixture. M. H. Smithe. 1,578,858; Mar. 30.
Cut-out plugs, Puller for primary. E. F. Miner. 1,579,026; Mar. 30.
Cutter: *See*—
Rock cutter.
Cutter holder. O. L. Scalborn. Re16,305; Mar. 30.
Cutting machine. E. Sehl. 1,578,375; Mar. 30.
Cutting tool, Rotary. C. E. Gale. 1,579,102; Mar. 30.
Cylinder wrench, Thrashing-machine. R. D. Litwiller. 1,578,331; Mar. 30.
Dado, equalizer, and woodworking machine, Automatic. W. L. Carr. 1,578,801; Mar. 30.
Damper-securing device. J. Hrusovsky. 1,578,661; Mar. 30.
Davit. J. Ceelen. 1,578,583; Mar. 30.
Decorative material for ornamental panels, plaques, or the like. L. J. Gloster. 1,578,982; Mar. 30.
Dental furnace, Electric. F. W. and F. B. Phare. Des. 69,806; Mar. 30.
Designation device. H. T. Martin. 1,578,672; Mar. 30.
Desk and filing cabinet, Combination. G. B. Cleveland. 1,579,080; Mar. 30.
Desk stand. A. B. Lemon. Des. 69,802; Mar. 30.
Dialkyl selinides and tellurides, Producing. C. A. Hochwalt. 1,578,731; Mar. 30.
Die-casting machine. E. Carlson. 1,578,580; Mar. 30.
Die holder for wire-drawing blocks. F. H. Nullmeyer. 1,578,351; Mar. 30.
Diestock. J. Hirst. 1,578,991; Mar. 30.
Dirigibly-mounted light. C. Sklarek. 1,578,930; Mar. 30.
Discharge and closure device, Combined. J. J. Gannon. 1,578,419; Mar. 30.
Dish or the like. M. Solon. Des. 69,807; Mar. 30.
Dispensing material from rolls. W. M. Wheildon. 1,578,874; Mar. 30.
Displacement-varying means. J. J. Hasseley. 1,579,109; Mar. 30.
Display box, Merchandise-. W. Zareko. 1,578,698; Mar. 30.
Display container. A. Freeland. 1,578,819; Mar. 30.

Display stand. G. W. Fernstrom. 1,579,099; Mar. 30.
Display tray. F. A. Ballou, jr. 1,578,578; Mar. 30.
Doll's eyes. A. Konoff. 1,578,834; Mar. 30.
Door-operating mechanism, Pneumatic. C. Norton. 1,578,678; Mar. 30.
Dough-depositing device. J. Moores. 1,578,905; Mar. 30.
Draft yoke. G. W. Ditmore. 1,578,499; Mar. 30.
Drafting triangle. J. S. Pecker. 1,579,137; Mar. 30.
Drain device, Condensation. H. L. Bullock. 1,579,073; Mar. 30.
Drier: *See*—
Plate drier.
Drill: *See*—
Well drill.
Drill bit or casing on the formation, Apparatus for indicating the pressure of the. H. H. Henshaw and W. H. Taylor. 1,578,518; Mar. 30.
Drilling apparatus, Make-up post for rotary. E. E. Greve. 1,578,428; Mar. 30.
Dry cell. W. F. Hendry. 1,578,891; Mar. 30.
Drying, Apparatus for stretching laundered articles for. A. O. Schramm. 1,578,550; Mar. 30.
Dust cap. A. H. Wicks. 1,578,567; Mar 30.
Dyeing device, Yarn-. G. T. Thomayer. 1,579,040; Mar. 30.
Dyeing on wool, Producing fast. H. Krzikalla, H. Kimmerer, and J. Nüsslein. 1,579,121; Mar. 30.
Educational device. S. Kantor. 1,578,665; Mar. 30.
Elastic webbing. G. E. Clauss. 1,578,643; Mar. 30.
Electric machine and ventilating same, Dynamo-. W. H. Powell. 1,578,918; Mar. 30.
Electric machines, Field winding for. L. M. Perkins. 1,578,916; Mar. 30.
Electric snap switch. F. C. De Reamer. 1,579,092; Mar. 30.
Electric switch. R. T. Kintzing. 1,578,527; Mar. 30.
Electric switch. G. W. O'Keeffe. 1,578,354; Mar 30.
Electric switch. S. H. Todd. 1,578,485; Mar. 30.
Electric transmission, Mast for high-tension. J. E. Jennings. 1,578,829; Mar. 30.
Electrical controller. W. R. Milburn. 1,579,018; Mar. 30.
Electrical measuring instrument. L. Dorfman. 1,578,501; Mar. 30.
Electrical switching device. C. D. Richard. 1,578,685; Mar. 30.
Electrode end cap. E. Kleinmann. 1,579,118; Mar. 30.
Electrode for jet-wave commutators and interruptors. J. F. G. P. Hartmann. 1,578,287; Mar. 30.
Electrode supports, Hook-forming device for. E. B. Myers. 1,578,462; Mar. 30.
Electrolytic cell. F. Petz. 1,579,138; Mar. 30.
Electrolytic cells, Electrode for. H. O. Siegmund and B. E. Brown. 1,578,857; Mar. 30.
Electromagnetic brake. E. M. Bouton and M. G. Thompson. 1,578,575; Mar. 30.
Electromagnetic device. W. O. Beck. 1,578,707; Mar. 30.
Electromagnetic device. H. C. Harrison. 1,578,659; Mar. 30.
Electromagnetic relay. J. Erickson. 1,578,411; Mar. 30.
Electromagnetic switch mechanism. H. W. Cheney. 1,578,878; Mar. 30.
Electron-discharge device. K. H. Kingdon. 1,579,117; Mar. 30.
Elevator: *See*—
Fish elevator.
Elevator. G. B. Read. 1,578,469; Mar. 30.
Elevator safety device. H. G. Hillman. 1,578,604; Mar. 30.
Elevator signal system. P. S. Van Bloem. 1,578,783; Mar. 30.
Emerald stones, Manufacture of synthetic. J. F. Riera. 1,579,033; Mar. 30.
Enamel finish. G. J. Nikolas. 1,578,464; Mar. 30.
Engine: *See*—
Hoisting engine. Internal-combustion engine.
Engine. H. Levine. 1,579,010; Mar. 30.
Engine for log yarding, skidding, etc. O. B. Bjorge. 1,578,709; Mar. 30.
Engine valve. J. R. McCumber. 1,578,332; Mar. 30.
Engines and the like, Throttle control for gas. J. T. Frost. 1,578,887; Mar. 30.
Engines, Fuel mixer for internal-combustion. L. H. Kirkpatrick. 1,578,668; Mar. 30.
Engines, Gasoline gauge for automobile. J. C. Tapp. 1,578,936; Mar. 30.
Engines, Humidifier for internal-combustion. F. W. Leuthesser. 1,578,606; Mar. 30.
Engines, Manifold for internal-combustion. O. D. Maple. 1,578,839; Mar. 30.
Engines, Piston construction for cam. H. Camines. 1,578,877; Mar. 30.
Engines, Primer for internal-combustion. S. Vernet. 1,578,693; Mar. 30.
Engines, Valve-gear connection in internal-combustion. F. L. Madler. 1,578,540; Mar. 30.
Exercising apparatus. J. E. Bonde. 1,578,633; Mar. 30.
Expansion joint. G. F. Murphy. 1,579,129; Mar. 30.
Fabric, Making a lustrous. A. Gelbert. 1,578,981; Mar. 30.
Fabric webs, Process of and apparatus for drying. J. H. Walsh. 1,578,298; Mar. 30.
Fabrics, Method of and apparatus for producing curvilinear. O. S. Lawton. 1,578,447; Mar. 30.
Fall-board and music-desk construction. T. A. Johanson and F. C. Socin. 1,578,817; Mar. 30.
Fastener, Separable. C. H. Bradley and F. D. Allen. 1,578,636; Mar. 30.
Fastener-supplying device. R. E. Duplessis. 1,578,272; Mar. 30.
Faucet. H. V. Lough. 1,578,670; Mar. 30.
Faucet. W. A. Smith. 1,578,613; Mar. 30.
Faucet housing, Combination. B. G. Stern. 1,578,934; Mar. 30.
Feeder, Reagent. T. M. Owen. 1,578,356; Mar. 30.
Feeder, Rotary. G. F. Key. 1,579,001; Mar. 30.
Felt and the like, Method of and apparatus for impregnating. H. C. Koch. 1,579,003; Mar. 30.
Fender brace. R. A. Schimanski. 1,578,473; Mar. 30.
Fender guard, Motor-vehicle. V. P. Mathews. 1,578,541; Mar. 30.
Ferrule. W. Werner. 1,578,304; Mar. 30.
Fifth-wheel connection. M. Collins. 1,578,644; Mar. 30.
Filling machine. L. D. Nelson. 1,578,748; Mar. 30.
Filter, Water. R. H. Smillie. 1,579,158; Mar. 30.
Firearm. J. M. Browning. 1,578,638–9; Mar. 30.
Firearm. C. C. Loomis. 1,579,177; Mar. 30.
Firearm. C. G. Swebilius. 1,578,777; Mar, 30.
Fire hose, Connection for. R. G. Coates. 1,578,957; Mar. 30.
Fish elevator. J. A. Green. 1,579,105; Mar. 30.
Fishhook holder. G. W. Bolton. 1,578,631; Mar. 30.
Fishing gaff, Combination. A. E. Churchill. 1,578,711; Mar. 30.
Fishing reel. F. M. Case. 1,579,076; Mar. 30.
Fishing reel. N. J. Smith. Re16,300; Mar. 30.
Fishing reel, Automatic. F. M. Case. 1,579,191; Mar. 30.
Fishing rod, Telescopic. C. A. Tredwell. 1,578,781; Mar. 30.
Fishplate. C. D. Young. 1,578,946; Mar. 30.
Flask shake out. A. Robertson, L. S. Besser, and H. E. Wheeler. 1,578,470; Mar. 30.
Flower ornament, Artificial-. S. Aronson. 1,578,703; Mar. 30.
Fluid-compressing apparatus. R. Suczek. 1,578,865; Mar. 30.
Fluid controllers, Actuating device for. E. K. H. Lundberg. 1,578,743; Mar. 30.
Fluid distributor. C. A. Reed. 1,578,758; Mar. 30.
Fluid motor. L. E. Kothe. 1,578,835; Mar. 30.
Fluid-operated brake. W. K. Herbst and R. H. Stone. 1,578,824; Mar. 30.
Fly swatter. J. S. Rairden. 1,578,757; Mar. 30.
Flying machine. A. Kögler. 1,578,833; Mar. 30.
Folding comb. M. Rabb. 1,579,143; Mar. 30.
Food product, Machine for making a. S. H. Perky. 1,578,755; Mar. 30.
Forging machine for coal-cutter picks. J. Ditson. 1,578,500; Mar. 30.
Foul-line indicator. A. J. Kempien and T. C. Forbes. 1,578,321; Mar. 30.
Frame: *See*—
Adjustable frame. Side frame.
Frame construction. I. A. Baum. 1,578,796; Mar. 30.
Friction wheel. M. Ireland. 1,578,525; Mar. 30.
Fruit juice and pulp extractor. H. E. Ponder. 1,579,028; Mar. 30.
Fruit picker. M. V. Altvater. 1,579,052; Mar. 30.
Fruit, vegetables, or the like, Apparatus for removing the stem or the blow ends from. B. C. Olney. 1,578,355; Mar. 30.
Fuel and gas, Burning pulverized. V. Z. Caracristi. 1,578,953; Mar. 30.
Fuel, Apparatus for handling pulverized. V. Z. Caracristi. 1,578,954; Mar. 30.
Fuel gas, Process and apparatus for eliminating the sulphuretted hydrogen in. F. W. Sperr, jr. 1,578,560; Mar. 30.
Funnel for transferring liquids. R. B. McGowan. 1,578,902–3; Mar. 30.
Furnace: *See*—
Melting furnace.
Furnace. C. A. Siegel. 1,578,291; Mar. 30.
Furnaces, Air-circulating attachment for hot-air. L. G. Myers. 1,578,546; Mar. 30.
Furniture, Collapsible camp. N. Ackerman. 1,578,248; Mar. 30.
Fuse plug. A. G. Rice. 1,578,684; Mar. 30.
Game. E. Bommer. 1,578,632; Mar. 30.
Game. C. C. Cross. 1,578,402; Mar. 30.
Game. F. P. Holman. 1,578,892; Mar. 30.
Game. J. G. Koegle. 1,578,446; Mar. 30.
Game. A. F. Kolinski. 1,579,004; Mar. 30.
Game apparatus. M. Seligman. 1,578,554; Mar. 30.
Game device. G. G. Beckhardt. 1,578,708; Mar. 30.
Game device. J. Ewig. 1,578,412; Mar. 30.
Garden tool, Combination. J. L. Lagorio. 1,578,532; Mar. 30.
Garment and making it. R. A. Feiss. 1,578,969; Mar. 30.
Garments, Fastening means for. T. Hardy. 1,578,284; Mar. 30.
Gas analyzer and control, Automatic. L. Young and G. W. Ruggles. 1,578,697; Mar. 30.
Gas generator. D. L. Warrick. 1,578,942; Mar. 30.

Gases, Method and apparatus for quantitative determination of. S. H. Kats. 1,578,666; Mar. 30.
Gate. G. Arn. 1,579,055; Mar. 30.
Gate. J. H. Bard. 1,578,795; Mar. 30.
Gauge: *See*—
Adjustable gauge. Volume-regulator gauge.
Gauging apparatus, Automatic feed for. G. L. Miller and H. F. Haines. 1,578,458; Mar. 30.
Gear casings, Securing together against rotation the parts of. C. A. Godshalk. 1,578,424; Mar. 30.
Gear, Loom. R. W. Gossett. 1,578,983; Mar. 30.
Gear-teeth cutters, Apparatus for testing the accuracy of. C. J. Harter. 1,579,106; Mar. 30.
Gears, Chamfering. S. H. Earl. 1,578,589; Mar. 30.
Generator: *See*—
Acetylene generator. Gas generator.
Generator. L. M. Perkins. 1,578,913–5; Mar. 30.
Glass articles, Apparatus for shaping. D. E. Gray, H. R. Boals and J. Bailey. 1,578,427; Mar. 30.
Glass articles, Machine for blowing. A. N. Cramer. 1,578,400; Mar. 30.
Glass-making machine. G. A. Shields. 1,578,926; Mar. 30.
Glass, Pressing. S. L. Lebby. 1,578,448; Mar. 30.
Glassware and other articles, Leer for. W. O. Amsler. 1,578,792; Mar. 30.
Glassware, Manufacture of. A. Kadow. 1,578,442; Mar. 30.
Glue-joint apparatus. G. Littleford. 1,578,898; Mar. 30.
Goblet or similar article. J. H. Venon. Des. 69,810; Mar. 30.
Golf-bag holder. J. W. Nidle. 1,578,910; Mar. 30.
Golf-green indicator. E. G. Roberts. 1,579,034; Mar. 30.
Governor for boilers, Steam and water. W. C. Blundell. 1,579,066; Mar. 30.
Grabbing tool. C. F. Brandemberger. 1,578,800; Mar. 30.
Grain stooker. I. N. Yount. 1,578,622; Mar. 30.
Granular material, Dispenser for. J. J. Gannon. 1,578,418; Mar. 30.
Grinding apparatus. J. T. Moltrup. 1,578,342; Mar. 30.
Grinding machine. W. Arter. 1,579,056; Mar. 30.
Grinding mills, Release clutch for. H. E. Asbury. 1,579,057; Mar. 30.
Gun, Air. E. P. Cook. 1,578,804; Mar. 30.
Gun, Grease. M. C. Bersted. 1,578,951; Mar. 30.
Hair-waving instrument. C. N. Watson. 1,578,566; Mar. 30.
Hand bag. F. R. Christopher. Des. 69,794; Mar. 30.
Hand-bag construction. R. E. Sommers. 1,579,198; Mar. 30.
Hand tool. E. O. Estwing. 1,578,502; Mar. 30.
Handwheel and making the same. H. D. Geyer. 1,578,821; Mar. 30.
Hanger: *See*—
Ceiling hanger. Shaft hanger.
Clothes hanger.
Harrows, Weed destroying attachment for disk. G. Grimsrud. 1,578,282; Mar. 30.
Hay-stacking device. W. Haman. 1,578,431; Mar. 30.
Headlight lamp. W. M. Ash, jr. 1,578,704; Mar. 30.
Headlights, Antiglare device for. L. Diesel. 1,578,721; Mar. 30.
Heat exchanger. R. C. Jones and J. Price. 1,578,830; Mar. 30.
Heater: *See*—
Air heater.
Heater regulation. G. H. Gibson. 1,578,280; Mar. 30.
Heating liquids, Vessel for. S. W. Lack and A. J. Shepherd. 1,578,741; Mar. 30.
Heel. L. Kaplan. 1,579,114; Mar. 30.
Heel for boots and shoes. W. Crick. 1,579,088; Mar. 30.
Heel, Shoe. J. H. Burger. 1,578,261; Mar. 30.
Hemming machine. D. W. Klau. 1,578,324; Mar. 30.
High-frequency apparatus and method of heating. I. Langmuir. 1,579,009; Mar. 30.
Hinge. J. N. Diday. 1,578,408; Mar. 30.
Hinge, Concealed door. J. W. Anderson. 1,578,570; Mar. 30.
Hinge, Door. A. E. Titus. 1,578,780; Mar. 30.
Hoist, Automatic reversible. H. J. Eck. 1,578,965; Mar. 30.
Hoisting drum. J. M. Bass. 1,579,062; Mar. 30.
Hoisting engine. T. S. Miller. 1,578,341; Mar. 30.
Hoists, Clutch-control mechanism for. H. G. Holmes. 1,578,998; Mar. 30.
Holding-down and supporting bar, Compensating. E. V. Prentice. 1,578,756; Mar. 30.
Hopper and staker, Spline-feeding. E. S. Daniels. 1,578,404; Mar. 30.
Horn, Antivibrating. W. H. Thommen. 1,578,869; Mar. 30.
Hosiery and making the same. J. C. Ruedt. 1,578,372; Mar. 30.
Hypodermic syringes, Valve piston and barrel construction for. G. M. Hein. 1,578,517; Mar. 30.
Ice cream, Making. E. D. Fear. 1,578,591; Mar. 30.
Illuminating device. H. Arregs. 1,578,251; Mar. 30.
Incubator. W. E. Greer. 1,578,667; Mar. 30.
Incubators, brooders, and the like, Heating system for. H. M. Sheer. 1,579,154; Mar. 30.
Indicating instrument. T. B. Drescher. 1,578,722; Mar. 30.
Indicator: *See*—
Foul-line indicator. Golf-green indicator.
Indicator. S. Maged. 1,578,838; Mar. 30.
Inks, Ingredient for printing. J. H. Caughlan. 1,578,582; Mar. 30.
Insect destroyer. G. W. Gibson and H. L. Stewart. 1,578,423; Mar. 30.
Insecticide-fungicide and making the same. E. C. Holton. 1,578,520–3; Mar. 30.
Insole. F. H. Perry. 1,578,359; Mar. 30.
Insulating bodies and producing them. C. L. Dawes and W. A. Boughton. 1,578,812; Mar. 30.
Insulating bodies and producing them, Composite. C. L. Dawes and W. A. Boughton. 1,578,813; Mar. 30.
Insulator. H. L. Garbutt. 1,578,508; Mar. 30.
Insulator. M. F. H. Gouverneur. 1,579,174; Mar. 30.
Insulator. R. P. Jackson. 1,578,526; Mar. 30.
Internal-combustion engine. C. J. Casna. 1,578,581; Mar. 30.
Internal-combustion engine. F. L. Hoaglin. 1,578,825; Mar. 30.
Internal-combustion engine. K. Maybach. 1,578,338; Mar. 30.
Internal-combustion engine. D. C. Slaght. 1,578,476; Mar. 30.
Internal-combustion engine, Lubrication for. I. Saives. 1,578,471; Mar. 30.
Invalid's table. C. M. Newman. 1,578,909; Mar. 30.
Iron-vane instrument. R. T. Pierce. 1,578,362; Mar. 30.
Ironers, Clothes-return device for. F. R. Robinson. 1,578,369; Mar. 30.
Ironing board, Collapsible. M. F. McCabe. 1,579,123; Mar. 30.
Jar and can opener. S. O. Cowles. 1,578,806; Mar. 30.
Jack: *See*—
Ladder jack. Pumping jack.
Jerk absorber. S. Paul. 1,578,754; Mar. 30.
Joint: *See*—
Expansion joint. Rail joint.
Pipe joint. Screw joint.
Joint comprising members of different thermal expansions, Construction of. A. H. R. Fedden. 1,579,098; Mar. 30.
Joist support. J. S. Birch. 1,578,256; Mar. 30.
Jumper. A. W. Schmutzer. 1,578,852; Mar. 30.
Keyboard perforator. F. G. Creed. 1,579,087; Mar. 30.
Key holder. S. Fannin. 1,578,968; Mar. 30.
Key holder. A. A. O. Seeler. 1,579,158; Mar. 30.
Keyless lock and permutation wheel for the same. M. Wildrick. 1,579,046; Mar. 30.
Kiln. Continuously-operated. C. Smith. 1,578,559; Mar. 30.
Knife. E. L. McCain. 1,578,538; Mar. 30.
Knife blades, Machine for making. E. E. Wood. 1,578,790; Mar. 30.
Knife blades, Making. E. E. Wood. 1,578,791; Mar. 30.
Knife guard. V. D. Swihart. 1,578,295; Mar. 30.
Knives, Gauge for molding. A. W. Farwell. 1,578,884; Mar. 30.
Knob attachment. F. W. Kloss. 1,579,119; Mar. 30.
Label-handling mechanism. T. J. Glover. 1,578,822; Mar. 30.
Ladder bracket. A. Bower. 1,578,388; Mar. 30.
Ladder jack. C. E. Kramer. 1,578,529; Mar. 30.
Ladle cage. W. W. Shawl. 1,578,474; Mar. 30.
Lamp, Electric. R. D. Robinson. 1,578,920; Mar. 30.
Lamp, Electric-arc. S. B. Ausas. 1,579,058; Mar. 30.
Lamp, Focusing hand. J. S. Gravely. 1,578,512; Mar. 30.
Lamp for automobiles, Side. C. A. Sims. 1,578,772; Mar. 30.
Lamp for cinematographic purposes, Electric. E. C. Penin. 1,578,358; Mar. 30.
Lamp-socket attachment device. C. W. Hough. 1,578,288; Mar. 30.
Lamp-supporting structure, Electric-. M. H. Herskovits. 1,578,437; Mar. 30.
Land roller. A. F. Moeller. 1,578,752; Mar. 30.
Last. G. Clausing. 1,578,718; Mar. 30.
Last, Divided. J. M. Madigan. 1,578,458; Mar. 30.
Latch, Closure. C. E. Gidney. 1,578,598; Mar. 30.
Latch, End-gate. A. B. Mellin. 1,578,745; Mar. 30.
Latch-lever lock. J. C. Edwards. 1,579,095; Mar. 30.
Latch, Window. W. A. Bingham. 1,578,386; Mar. 30.
Leaf-spring lubricator. R. W. Ammons. 1,578,699; Mar. 30.
Lenses, Group of. H. Boegehold. 1,578,259; Mar. 30.
Level, Spirit. S. Weston. 1,578,786; Mar. 30.
Lifter: *See*—
Pot and lid lifter.
Light: *See*—
Dirigible-mounted light.
Lighting fixture, Electric. E. J. Dietzmann. Des. 69,797; Mar. 30.
Lighting system. A. R. Dennington. 1,578,719; Mar. 30.
Lighting arrester. E. W. Breisch. 1,578,578; Mar. 30.
Liquid-dispensing apparatus. J. B. Davis. 1,578,585; Mar. 30.
Liquids, Electric heating apparatus for. K. F. Henneman. 1,578,603; Mar. 30.
Liquids, Electrical treatment of. E. Anderson. 1,578,624; Mar. 30.
Liquids, Filtration and treatment of. C. V. Zoul. 1,579,171; Mar. 30.
Lithographing, Method of and apparatus for. L. Thayer. 1,579,181; Mar. 30.

Lithographing press. L. Thayer. 1,579,182; Mar. 30.
Lock: *See*—
Check lock. Refrigerator-door lock.
Combination lock. Steering-wheel lock.
Latch-lever lock. Vise-post lock.
Nut lock.
Lock, M. C. Maxwell. 1,579,126; Mar. 30.
Lock. E. L. Teich. 1,578,483; Mar. 30.
Lock washer and nut. T. H. Harris. 1,578,689; Mar. 30.
Locking device. F. L. Hanle. 1,579,107; Mar. 30.
Locking device and tool. D. B. Swain. 1,578,866; Mar. 30.
Locking plate for cylinder locks. J. E. Phillips. 1,579,139; Mar. 30.
Locomotive booster apparatus. W. E. Woodard. 1,578,569; Mar. 30.
Locomotive stack. C. F. Street. 1,578,776; Mar. 30.
Looms, Picker motion for. S. Chrisman. 1,579,078; Mar. 30.
Looms, Shuttle feeler, for. H. A. Davis. 1,579,194; Mar. 30.
Looms, Yieldable transferrer arm for automatic. E. R. Holmes. 1,578,519; Mar. 30.
Looped articles, Apparatus for arranging. C. C. Cadden. 1,578,392; Mar. 30.
Looped articles, Method and apparatus for arranging. C. C. Cadden. 1,578,393; Mar. 30.
Loose-leaf device. G. P. Wigginton. 1,578,620; Mar. 30.
Loose-sheet device. G. P. Wigginton, L. L. Allyn and N. H. Stuart. 1,578,619; Mar. 30.
Lubricating system. A. P. Anderson. Re16,306; Mar. 30.
Lubricator: *See*—
Leaf-spring lubricator.
Lubricator. R. H. Yale. 1,579,048; Mar. 30.
Lubricators. Connection for. F. S. Barks. 1,578,949; Mar. 30.
Machine control. F. N. Ross. 1,578,370; Mar. 30.
Magneto. P. Brown. 1,578,637; Mar. 30.
Magneto. A. Rosner. 1,578,548; Mar. 30.
Manipulator. B. F. Faunce. 1,578,414; Mar. 30.
Match box and belt buckle, Combined. J. Rankin. 1,578,468; Mar. 30.
Match-box case and ash receiver, Combined. W. Ilma and M. Saari. 1,578,316; Mar. 30.
Match holder and ash receiver, Combined. S. E. Guinn. 1,579,106; Mar. 30.
Mattress. O. M. Burton. 1,579,074; Mar. 30.
Mattress, Verminproof. A. A. Granovsky. 1,579,104; Mar. 30.
Measuring and control apparatus. G. H. Gibson. 1,578,279; Mar. 30.
Mechanical movement. W. G. Collins. 1,579,083; Mar. 30.
Medallion mounting. J. A. Dedouch. 1,578,406; Mar. 30.
Medicinal composition. G. L. Cousineau. 1,579,086; Mar. 30.
Melting furnace. W. H. Chenowith and G. C. Schmipf. 1,579,077; Mar. 30.
Metal, Apparatus for the production of expanded. E. T. Redding and L. W. Cross. 1,578,366; Mar. 30.
Metal-cutting shears. C. S. Allen. 1,578,247; Mar. 30.
Metal, Enameling. W. J. Beck and J. A. Aupperle. 1,578,706; Mar. 30.
Metal from metalliferous material, Separating. L. E. Wemple. 1,578,694; Mar. 30.
Metal, Making expanded. E. T. Redding and L. W. Cross. 1,578,365; Mar. 30.
Metal-ware member. G. W. Whiteman and R. C. Paxson. 1,578,783; Mar. 30.
Metals against corrosion, Protection of. I. T. Bennett. 1,578,254; Mar. 30.
Metals from their ores, Recovery of. H. V. Welch. 1,578,618; Mar. 30.
Metals, Melting. Y. A. Dyer. 1,578,648; Mar. 30.
Meter: *See*—
Volt-ampere meter.
Meter mounting. S. A. Gafvert. 1,578,506; Mar. 30.
Microphone. W. L. Walker. 1,578,489; Mar. 30.
Milking-machine-washing device. O. J. Bork. 1,579,069; Mar. 30.
Mill: *See*—
Plate-rolling mill.
Mines, Removing gas and dust from. A. D'Ascenzo. 1,578,814; Mar. 30.
Mining machine. E. C. Morgan. 1,578,544; Mar. 30.
Mirror ring. R. E. Naumburg. 1,578,907; Mar. 30.
Mixing device, Rotary. H. G. Campbell. 1,578,262; Mar. 30.
Modulating system. E. Peterson. 1,578,679; Mar. 30.
Modulation-indicating system. E. L. Nelson. 1,578,845; Mar. 30.
Moistener. J. R. Hinkson. 1,579,111; Mar. 30.
Molasses and sugary juices with a view to the recovery of the sugar, Treatment of. C. Deguide. 1,579,090; Mar. 30.
Molding and casting plant. E. C. Reed and H. C. Reed. 1,579,145; Mar. 30.
Molding machine. M. Saad. 1,578,549; Mar. 30.
Money drawers, Disinfecting attachment for. H. F. MacGrath. 1,579,124; Mar. 30.
Motion-picture projection, Means and apparatus for. F. T. O'Grady. 1,579,024; Mar. 30.
Motor: *See*—
Fluid motor. Water motor.
Reversible motor.
Motor controller. E. W. Seeger. 1,578,925; Mar. 30.
Motor cycle. E. M. Morel. 1,578,906; Mar. 30.
Motor-cycle hydroplane. J. Kurelic. 1,578,740; Mar. 30.
Motor regulator. C. H. Smoot. 1,579,038; Mar. 30.
Mowing machine. M. Hastings. 1,578,728; Mar. 30.
Mowing machine. J. P. Spliger. 1,578,689; Mar. 30.
Nails and like articles, Method of and apparatus for making wire. E. I. Braddock. 1,579,071; Mar. 30.
Naphthalene and analogous hydrocarbon from fuel gases, Removal of. F. W. Sperr, jr. 1,578,687; Mar. 30.
Necklace. H. Morris. 1,578,461; Mar. 30.
Nest lining, Sanitary. O. A. Thrasher. 1,578,692; Mar. 30.
Newspaper holder. G. Olson. 1,579,135; Mar. 30.
Nitranisoles, Making. E. H. Weltz. 1,578,943; Mar. 30.
Nozzle, Can. I. E. Sexton. 1,578,556; Mar. 30.
Nut lock. W. W. Ford. 1,578,974; Mar. 30.
Oil, Distributing tank for. F. W. Chipman. 1,579,193; Mar. 30.
Oil, Treating apparatus for crude. H. L. Edwards. 1,578,273; Mar. 30.
Oils, Apparatus for testing. A. Henriksen, N. A. Stephens, and V. Zbyshevski. 1,578,730; Mar. 30.
Ophthalmic mounting. G. E. Köbler. 1,578,528; Mar. 30.
Orifice cap. F. E. Rice. 1,578,848; Mar. 30.
Oscillations, System and production of continuous. J. H. Hammond, jr. 1,578,513; Mar. 30.
Oscillator, Multifrequency crystal-controlled. A. H. Taylor. 1,578,296; Mar. 30.
Outlet box and plate therefor. G. E. Kaschub. 1,578,999; Mar. 30.
Oven construction, Cookstove-. A. H. Tinnerman. 1,578,938; Mar. 30.
Oven, Electric. F. L. Hunter. 1,578,662; Mar. 30.
Oven, Electric bake. J. U. Manischewitz. 1,578,335; Mar. 30.
Oven, Horizontal coke. H. B. Carpenter. 1,579,075; Mar. 30.
Oven, Warming. S. H. Hobson. 1,578,826; Mar. 30.
Ovens, Thermostatic control for stove. A. H. Tinnerman. 1,578,939; Mar. 30.
Ozone, Producing. A. Starke and H. von Wartenberg. 1,579,162; Mar. 30.
Paint from surfaces, Apparatus for cleaning or removing. T. L. Boyce. 1,579,068; Mar. 30.
Paper fastener. F. J. Kline. 1,578,605; Mar. 30.
Paper making using friction, Hydration in. J. A. De Cew. 1,578,405; Mar. 30.
Paper, Method of and apparatus for making. A. J. Haug. 1,578,729; Mar. 30.
Paper products, Dispenser for. P. H. Horwitt. Des. 69,800; Mar. 30.
Paper-pulp screen. C. Fancher. 1,578,590; Mar. 30.
Paper, Safety. J. W. Neff. 1,578,908; Mar. 30.
Particles of matter, Treating. B. E. Eldred and R. M. Graham. 1,578,274; Mar. 30.
Pasteboard, fabric, or the like, Coating of webs of. L. Schwabe. 1,579,036; Mar. 30.
Pasteurizing apparatus. A. J. Davis. 1,578,267; Mar. 30.
Paving block and building material. G. B. Stryker and F. A. Mantel. 1,578,481; Mar. 30.
Pencil, Mechanical. C. E. Rang. 1,579,029; Mar. 30.
Pencil, Mechanical. J. C. Wahl. 1,578,565; Mar. 30.
Pencil, Propelling. T. Hayakawa. 1,578,515; Mar. 30.
Pens and the like, Attachment for fountain. L. Frits. 1,578,596; Mar. 30.
Perambulators, baby carriages, and like vehicles. F. H. Headley. 1,578,516; Mar. 30.
Percussive tool, Mechanically-driven. R. W. J. Fletcher. 1,578,275; Mar. 30.
Petroleum, Pyrogenesis of. E. M. Clark. 1,578,802; Mar. 30.
Phosphate, Production of available. H. H. Meyers. 1,578,339; Mar. 30.
Photograph means for recording sound. R. Hart. 1,578,514; Mar. 30.
Picker: *See*—
Fruit picker.
Picture-projecting apparatus, Film reel for motion-. H. W. Joy. 1,578,894; Mar. 30.
Pipe: *See*—
Tobacco pipe.
Pipe joint. R. C. Hume. 1,578,734; Mar. 30.
Pipes and nozzles, Supporting and positioning means for flange-oiler. F. W. Edwards. 1,579,094; Mar. 30.
Pipes by electrically welding, Producing. J. Harmatta. 1,578,286; Mar. 30.
Piles, Driving and forming cast-in-place. J. H. Thornley. 1,579,164; Mar. 30.
Pincers. H. R. Hints. 1,578,428; Mar. 30.
Piston. W. R. Heslewood. 1,578,315; Mar. 30.
Piston motors, Oiling device for flat-. C. C. Hansen. 1,578,433; Mar. 30.
Piston pump, Oscillating. S. Armuth. 1,579,054; Mar. 30.
Piston ring. A. A. Wester. 1,579,048; Mar. 30.
Pistons, Making. C. H. Kirby. 1,578,328; Mar. 30.
Plaster board, Making. M. K. Armstrong. 1,578,250; Mar. 30.

Plate drier, Progressive. L. G. Merritt. 1,578,841; Mar. 30.
Plate-rolling mill, Universal. T. E. Holmes. 1,578,994; Mar. 30.
Pliers. E. T. Miller. 1,578,340; Mar. 30.
Plunger-operating mechanism. G. C. Wilkinson and M. Hedgion. 1,579,170; Mar. 30.
Plungers, Expansible packer for. E. E. Miller. 1,579,127; Mar. 30.
Pneumatic and cushion head. M. Fellows. 1,578,723; Mar. 30.
Pocketbook holder. H. Crossman. 1,578,807; Mar. 30.
Pole-piece-finishing machine. C. C. Taleen. 1,578,562; Mar. 30.
Polish-rod clamp. C. S. Wright. 1,578,696; Mar. 30.
Polishing machine. T. C. Sheehan. 1,578,558; Mar. 30.
Post: *See*—
Binding post.
Pot and lid lifter, Combined. P. Eifried. 1,578,816; Mar. 30.
Power shovel. E. J. Armstrong. 1,578,702; Mar. 30.
Press: *See*—
Lithographing press.
Press. F. B. Keell. 1,578,320; Mar. 30.
Press. L. Thayer. 1,579,180; Mar. 30.
Press and waste-removing slitter, Combined. J. W. Schoendelen. 1,578,854; Mar. 30.
Presses, Sheet-gauging device for. J. W. Schoendelen. 1,578,855; Mar. 30.
Pressing device. L. F. Muther. 1,578,545; Mar. 30.
Pressure-relieving device, Safety. R. C. Pierce. 1,579,141; Mar. 30.
Prime-mover-control system R. H. Earle. 1,578,882; Mar. 30.
Prime movers, Control system for. C. B. Taylor. 1,578,867; Mar. 30.
Printing machine. J. S. Duncan. 1,578,962; Mar. 30.
Printing presses, Feeding mechanism for. M. Lipton, L. Haenlein, and F. W. Hill. 1,578,329–30; Mar. 30.
Printing presses, forming the same, and printing employing same, Blanket for. R. John. 1,578,736; Mar. 30.
Printing presses, System for electrically heating the ink rollers of. L. Cornaszani. 1,579,084; Mar. 30.
Pulp thickener, Multiple-deck. C. W. Ankeny. 1,578,625; Mar. 30.
Pulverizer, Soil. W. S. Snider. 1,578,859; Mar. 30.
Pump. P. Diserens. 1,578,498; Mar. 30.
Pump. A. Schroeder. 1,579,924; Mar. 30.
Pump and regulating the same. L. F. Moody. 1,578,843; Mar. 30.
Pump, Centrifugal. B. Samelson. 1,578,851; Mar. 30.
Pump, Oil-well. E. Derby. 1,578,720; Mar. 30.
Pump, Rotary. H. McNiff and H. E. Thompson. 1,578,333; Mar. 30.
Pumping jack. J. A. Birtciel. 1,578,387; Mar. 30.
Quartz, Machine and process for preparing. L. B. Miller. 1,579,019; Mar. 30.
Quick-make and quick-break switch, Inclosed. B. E. Getchell. 1,578,422; Mar. 30.
Rack: *See*—
Collar-sorting rack.
Rack for rolls of material. T. B. Gunong and H. H. Mead. 1,578,888; Mar. 30.
Radiator cover, Auto. A. J. Smith. 1,578,932; Mar. 30.
Radiators, Thermostat for. J. H. Cooper. 1,578,805; Mar. 30.
Radiocabinet. H. E. Carlson. 1,578,894; Mar. 30.
Radiocabinet. W. Lytton. Des. 69,803; Mar. 30.
Radiosignaling, Apparatus for preventing interference in. R. A. Weagant. 1,578,490; Mar. 30.
Radiosignaling system. G. H. Clark. 1,578,896; Mar. 30.
Radiowave receiving device. H. F. Hunter and L. S. Hannold. 1,578,735; Mar. 30.
Radium needle structure. S. M. Withers. 1,578,945; Mar. 30.
Rail anchorage for head-free rail joint. V. C. Armstrong. 1,578,278; Mar. 30.
Rail bond. C. G. McCaulley. 1,578,901; Mar. 30.
Rail-clamping mechanism. A. E. Norris. 1,578,749; Mar. 30.
Rail fitting. A. R. Spikings. 1,579,159; Mar. 30.
Rail joint. C. M. Trundle and E. T. Mills. 1,578,871; Mar. 30.
Rail joint and rail. T. M. Cate. 1,578,263; Mar. 30.
Rail straightener. L. W. Baker. 1,578,381; Mar. 30.
Rail tie. A. A. Loomis. 1,578,742; Mar. 30.
Rails and the like, Anchor and clip for. F. W. Cooper and H. Steadworthy. 1,578,496–7; Mar. 30.
Railway crossings, Automatic gate for. G. De Agostini. 1,578,587; Mar. 30.
Railway-tie construction. G. W. Muller. 1,579,021; Mar. 30.
Reed fabric and the like, Producing. M. B. Lloyd. 1,578,536; Mar. 30.
Reflector, Adjustable. D. F. Beauchamp. 1,578,629; Mar. 30.
Refrigerator-door lock. A. E. Titus. 1,578,779; Mar. 30.
Reel: *See*—
Fishing reel.
Regulator: *See*—
Constant-volume regulator. Traffic regulator.
Motor regulator.
Release mechanism, Clutch-pedal-. C. G. Tootle. 1,578,615; Mar. 30.

Resinous composition and making same, Fluxed. C. Ellis. 1,579,195; Mar. 30.
Resistor. W. J. Larson. 1,578,826; Mar. 30.
Rest chair. W. Murray. 1,579,130; Mar. 30.
Retardation device. C. D. Ainsworth. 1,579,049; Mar. 30.
Retorts, Door-operating mechanism for. A. Kemptey. 1,579,116; Mar. 30.
Reversible motor. R. L. Lee. 1,578,837; Mar. 30.
Rheostat, Multiple-purpose. C. Hardy. 1,578,988; Mar. 30.
Rigging, Coupler release. W. B. Hall. 1,578,601; Mar. 30.
Rim-securing means, Demountable-. W. N. Booth. 1,579,067; Mar. 30.
Ring: *See*—
Mirror ring. Piston ring.
Ring. R. Rosenthal. 1,579,148; Mar. 30.
Ring construction. I. Schneiderman. 1,578,853; Mar. 30.
Ring or similar article. B. Veit. Des. 69,809; Mar. 30.
Road-building form. B. H. Kersting and V. B. Edwards. 1,579,000; Mar. 30.
Road-making machine. H. A. Hoxie. 1,578,996; Mar. 30.
Road-roller maintainer with reversible blade. W. T. Beatty, F. S. Davis, and F. D. Wilson. 1,578,884; Mar. 30.
Roadways, Stock guard for. W. R. Marshall and J. E. Lockett. 1,579,125; Mar. 30.
Rock cutter, Sheet-. N. Smith and F. W. Gallagher. 1,578,477; Mar. 30.
Rod: *See*—
Fishing rod.
Roller: *See*—
Land roller.
Rolling mills, Screw down for. F. C. Biggert, jr. 1,578,255; Mar. 30.
Roof construction. H. E. Marks. 1,579,016; Mar. 30.
Rosin sampler. F. W. Thomas. 1,578,484; Mar. 30.
Roundabout, Flying. A. Altmann. 1,579,173; Mar. 30.
Rubber composition and making the same. W. B. Wiegand. 1,578,875; Mar. 30.
Rubber goods, Manufacture of dipped. G. Venosta. 1,579,109; Mar. 30.
Rubbing or kneading machine. J. Friedman. 1,579,101; Mar. 30.
Rutile and making the same, Porous article of. S. J. Lubowsky. 1,578,900; Mar. 30.
Sand-blast apparatus. J. H. Staley. 1,578,862; Mar. 30.
Safety clasp. E. Miller. 1,578,674; Mar. 30.
Safety device. J. V. Giesler. 1,578,590; Mar. 30.
Sash support, Weightless window-. J. A. Ganahl. 1,578,507; Mar. 30.
Saw blade. W. C. Steffan, F. B. Ackermann, and W. J. Greiner. 1,579,039; Mar. 30.
Saw Hack and like frame. E. C. F. Oakley. 1,578,610; Mar. 30.
Scooter. A. L. Lane. 1,578,836; Mar. 30.
Screen: *See*—
Paper-pulp screen. Window screen.
Screen. C. J. Jackson. 1,579,113; Mar. 30.
Screwjoint. P. Grosset. 1,578,311; Mar. 30.
Seat: *See*—
Automobile seat.
Sectional chair. J. Jasmoz. 1,579,176; Mar. 30.
Seeder and strawberry stemmer, Cherry. J. W. Holsinger. 1,578,827; Mar. 30.
Separator. E. O. Branington. 1,578,389; Mar. 30.
Separators and other machines, Power-transmission mechanism for cream. J. S. Wearn. 1,578,785; Mar. 30.
Sewage and water clarifying tank. H. L. Thackwell. 1,578,691; Mar. 30.
Sewing machines, Machine for use in the manufacture of bobbins for. H. J. Marx and W. O. Harvey. 1,578,337; Mar. 30.
Sewing machines, Shuttle and bobbin for. T. A. Beaney. 1,578,797; Mar. 30.
Shaft hanger. H. R. Reynolds. 1,579,178; Mar. 30.
Sharpener, Combination knife and scissors. W. H. Church. 1,578,264; Mar. 30.
Sharpener, Razor-blade. R. Sideman. 1,578,475; Mar. 30.
Shaving unit. G. W. Gerow. 1,579,103; Mar. 30.
Shears: *See*—
Metal-cutting shears.
Sheet-control mechanism. F. Herb. 1,578,436; Mar. 30.
Sheet-metal can. I. E. Sexton. 1,578,555; Mar. 30.
Sheet piling. H. M. Knight. 1,578,444; Mar. 30.
Ship propulsion, Electric. E. F. W. Alexanderson. 1,579,051; Mar. 30.
Shipping box or case structure. E. S. Daniels. 1,578,403; Mar. 30.
Shipping deck, Automobile. K. G. A. Philp. 1,578,861; Mar. 30.
Ships, Propelling mechanism for. G. De Meo. 1,578,647; Mar. 30.
Shock absorber. A. Fowble. 1,578,976; Mar. 30.
Shock absorber. E. W. Johnson. 1,578,319; Mar. 30.
Shock absorber. A. Steinmann. 1,578,561; Mar. 30.
Shock absorber. A. Weiland. 1,579,182–5; Mar. 30.
Shock absorber. A. Weiland. 1,579,187–8; Mar. 30.
Shock absorber, Collision. B. D. Gilson. 1,578,281; Mar. 30.

Shock-absorbing mechanism, Friction. S. B. Haseltine. 1,578,312; Mar. 30.
Shoe and blank therefor. H. F. Nelson. 1,578,345; Mar. 30.
Shoe or analogous article. L. H. Gilson. Des. 69,798; Mar. 30.
Shoe-polishing cloth. J. A. Davison. 1,579,089; Mar. 30.
Shoe sole. J. S. Mitchell. 1,578,460; Mar. 30.
Shot-firing system. J. J. Jakosky. 1,578,998; Mar. 30.
Shovel: *See*—
Power shovel.
Side frame. B. W. Kadel. 1,578,738; Mar. 30.
Signal: *See*—
Traffic signal.
Signal, Brake for wigwag. M. S. More. 1,578,844; Mar. 30.
Signaling arrangement for four-wire circuits. C. S. Demarest. 1,578,269; Mar. 30.
Signaling over power lines, Inductive arrangement for. C. Schwarz. 1,578,552; Mar. 30.
Silk, Treating. H. B. Smith. 1,578,933; Mar. 30.
Skate, Roller. L. V. Davis. 1,578,811; Mar. 30.
Slack adjuster. W. H. Sauvage. 1,578,762; Mar. 30.
Socket wrenches, Attachment for. C. W. Brouse. 1,579,072; Mar. 30.
Soot-blowing provision. J. E. Bell. 1,578,385; Mar. 30.
Sound amplifier. G. W. Bulley. 1,578,391; Mar. 30.
Sound, Device for determining the direction of. W. Kunze. 1,578,325; Mar. 30.
Sound-producing device. E. Frantz. 1,578,595; Mar. 30.
Sound reproduction. E. B. Craft. 1,578,645; Mar. 30.
Sound-transmitting instrument. A. Marr. 1,578,336; Mar. 30.
Spark plug. J. W. Barnes, and T. C. Reynolds. 1,579,060; Mar. 30.
Speed-changing mechanism. J. G. Utz. 1,578,486; Mar. 30.
Speed-control system. L. Fleischmann. 1,578,971–2; Mar. 30.
Speed-regulating device. F. Banneitz. 1,578,794; Mar. 30.
Speed transmission, Variable-. D. S. de Lavaud. 1,578,268; Mar. 30.
Spinning frames, Bunch-building mechanism for. J. Northrop. 1,578,911; Mar. 30.
Spool. G. H. Bird. 1,578,257; Mar. 30.
Spool or bobbin. E. J. Thomson. 1,578,870; Mar. 30.
Spray booth. H. G. Bartling. 1,578,950; Mar. 30.
Spraying device for plastic material. R. M. Wilkinson. 1,578,944; Mar. 30.
Spraying machine. E. M. Horton. 1,578,732; Mar. 30.
Spring: *See*—
Take-up spring. Vehicle spring.
Spring cover. J. C. Anderegg. 1,579,053; Mar. 30.
Spring cover, Combination. C. A. Lincoln. 1,578,535; Mar. 30.
Spring cover, Sectional. J. N. Scully and C. A. Lincoln. 1,578,553; Mar. 30.
Spring cover, Vehicle. A. R. Goldrick. 1,578,425; Mar. 30.
Spring covers, Closure member for. C. A. Lincoln. 1,578,533; Mar. 30.
Spring rod for underreamers. F. Swan. 1,578,482; Mar. 30.
Spring shackle. J. F. O'Connor. 1,578,352; Mar. 30.
Spring sinker handle for drifters. C. C. Hansen. 1,578,484; Mar. 30.
Spring-suspension arrangement. L. Geyer. 1,578,278; Mar. 30.
Sprinkler-head-controlling mechanism. M. F. Silva. 1,578,770; Mar. 30.
Squares, Protractor attachment for. J. W. Dunham. 1,579,197; Mar. 30.
Stair tread. H. A. Welcome. 1,578,491; Mar. 30.
Stand: *See*—
Display stand.
Stand. W. D. Winton. 1,578,493; Mar. 30.
Stands, Apparatus for handling. H. G. Walker. 1,578,488; Mar. 30.
Starch, Manufacture of conversion products of. J. M. Widmer. 1,578,568; Mar. 30.
Steam boiler. J. Kindervater. 1,578,739; Mar. 30.
Steam boiler. A. C. McClure. 1,579,012; Mar. 30.
Steam shovels, Leveling device for. M. B. Ryan. 1,579,035; Mar. 30.
Steam injector operating with live steam and exhaust steam. L. Friedmann and H. Deutsch. 1,578,978; Mar. 30.
Steel lumber. H. B. Sherman. Re16,302; Mar. 30.
Steering and propelling mechanism, Ship. J. R. Nock. 1,578,350; Mar. 30.
Steering apparatus. L. C. Bayles. 1,579,063; Mar. 30.
Steering wheel for motor vehicles, Elastic. F. R. Ostheimer. 1,578,753; Mar. 30.
Steering-wheel lock. E. Truman. 1,578,782; Mar. 30.
Stencil sheet. G. Leonard. 1,578,896; Mar. 30.
Stencil sheet and coating solution therefor. A. B. Davis. 1,578,960; Mar. 30.
Stencils, Duplicating with the aid of. J. Clatworthy. 1,579,079; Mar. 30.
Stenciling machines. E. G. Rowley. 1,578,371; Mar. 30.
Stereoscopic apparatus. F. H. Owens. 1,579,025; Mar. 30.
Stock pusher. F. L. Cone. 1,578,397; Mar. 30.
Stockings upon flat hosiery frame, Manufacturing. C. Hilscher. 1,579,175; Mar. 30.
Stoker. R. B. Mildon. 1,578,457; Mar. 30.
Stokers, Agitator grate for underfeed. O. Aram. 1,578,701; Mar. 30.
Stone and root gatherer, Combined. H. Greatrix. 1,578,600; Mar. 30.
Stone slabs, Mold for producing molded. C. Bettermann. 1,579,065; Mar. 30.
Stones, Multicolor-encrusting on. G. Merle, jr. 1,578,542; Mar. 30.
Storage bin. E. D. Stearns. 1,578,690; Mar. 30.
Stove. H. C. Hamilton and B. W. Bailey. 1,578,432; Mar. 30.
Stove construction. A. H. Tinnerman. 1,578,937; Mar. 30.
Stove, Heating. G. W. Howes. Des. 69,802; Mar. 30.
Stove, Hot-blast. F. H. Willcox. 1,578,492; Mar. 30.
Strainer for pot covers. H. Pearl. 1,578,466; Mar. 30.
Structural material. H. F. Frease. 1,578,416; Mar. 30.
Sugar, Manufacturing beet. E. E. Nicholson and R. B. Beal. 1,578,463; Mar. 30.
Sulphides, Producing alkaline-metals. G. de Béthune and R. Vahrenkampf. 1,578,718; Mar. 30.
Superheated steam, Method of and apparatus for regulating the temperature of. K. Henchy. 1,578,313; Mar. 30.
Swimming apparatus. I. J. Cromer. 1,578,584; Mar. 30.
Swing, Indoor. W. R. Paxson. 1,579,136; Mar. 30.
Switch: *See*—
Electric snap switch. Electric switch.
Switch control. A. C. Newsom and Z. Conley. 1,579,133; Mar. 30.
Switch connection. J. S. Walton. 1,578,784; Mar. 30.
T-square guide. T. M. Davis. 1,578,586; Mar. 30.
Table: *See*—
Invalid's table.
Tabulator, Printing. C. D. Lake. Re16,304; Mar. 30.
Tack driver. E. J. Kramer. 1,579,120; Mar. 30.
Take-up spring. C. Fischer. 1,578,817; Mar. 30.
Talking machines, Sound box for. M. A. Hardyman. 1,578,285; Mar. 30.
Tanks, Closure for fuel. H. W. Smith. 1,578,773; Mar. 30.
Telephone device for aiding the deaf. E. B. Craft. 1,578,646; Mar. 30.
Telephone-exchange system. K. M. Fetzer. 1,578,651; Mar. 30.
Telephone-exchange system, Automatic. G. Frübing. 1,578,417; Mar. 30.
Telephone receivers, Headband for. H. R. Clarke. 1,578,642; Mar. 30.
Telephone system. H. D. Currier. 1,578,809; Mar. 30.
Telephone system, Automatic. J. E. Gardner. 1,578,420; Mar. 30.
Telephone system, Automatic. W. W. Owen. 1,579,026; Mar. 30.
Telegraph system, Printing-. G. S. Vernam. 1,578,299; Mar. 30.
Telescope, Reflecting. E. Lohmann. 1,578,899; Mar. 30.
Tension device. H. A. Owen. 1,578,912; Mar. 30.
Tensioning and adjusting apparatus, Belt. A. F. R. Anderson. 1,578,700; Mar. 30.
Testing device. F. J. Martin. 1,578,671; Mar. 30.
Textile materials with circulating liquor, Treating. A. W. Schmid. 1,578,764; Mar. 30.
Therapeutic treatment. T. R. N. Gerdes. 1,578,654; Mar. 30.
Thermometer. R. E. Mann. Des. 69,804; Mar. 30.
Thermostatic instrument. H. G. Phelps. 1,578,360; Mar. 30.
Tie: *See*—
Rail tie.
Tie plate. W. P. Singeltary. 1,579,157; Mar. 30.
Tie tamper, Mechanical. W. H. Armstrong. 1,578,379–80; Mar. 30.
Tile, Roofing. J. B. Teixeira. 1,579,179; Mar. 30.
Tire. A. B. Cooley. Des. 69,795–6; Mar. 30.
Tire-band expander. M. A. Replogle. 1,578,760; Mar. 30.
Tire carrier. W. R. Green. 1,578,823; Mar. 30.
Tire-carrying and rim-removing device, Spare-. F. A. Hamilton. 1,578,987; Mar. 30.
Tire protector. C. M. Clement. 1,578,714; Mar. 30.
Tire-valve closure. L. S. Downs. 1,578,961; Mar. 30.
Tire, Vehicle. E. W. Austin. 1,579,059; Mar. 30.
Tires, Tractive cover for. F. H. Comey. 1,578,803; Mar. 30.
Tobacco pipe. B. L. Dall. 1,578,810; Mar. 30.
Toboggan slide. H. O. Johnson and F. J. Rubes. 1,578,893; Mar. 30.
Tool. N. S. Misell. 1,579,128; Mar. 30.
Tool and clamp, Combined. H. A. Recen. 1,578,364; Mar. 30.
Tools or implements, Manufacture of. A. Pailloncy. 1,579,027; Mar. 30.
Toothbrush. S. Zave. 1,578,495; Mar. 30.
Toothbrush, Fountain. J. A. Sargery. 1,578,922; Mar. 30.
Topper, Beet. E. J. Hammer. 1,578,283; Mar. 30.
Torch, Cutting and welding. J. D. McCutcheon. Re16,307; Mar. 30.
Toy electric railways and the like, Control switch for. A. Frohne. 1,578,597; Mar. 30.
Toy, Mechanically-operated figure. J. G. Wilson. 1,578,789; Mar. 30.
Toy mechanism, Talking-. F. Evans. 1,578,503; Mar. 30.
Toy, Wheeled. C. E. Florkey. 1,578,592–4; Mar. 30.

Tractor. H. A. Stewart and F. L. Holt. 1,578,479; Mar. 30.
Traffic marker. P. R. Hostetter. 1,578,995; Mar. 30.
Traffic regulator. F. J. Husbands. 1,578,826; Mar. 30.
Traffic signal. C. Elder. 1,578,410; Mar. 30.
Traffic signal. R. Smith. 1,579,037; Mar. 30.
Trailer, Camp. J. M. Brown. 1,578,300; Mar. 30.
Train control. C. S. Bushnell. 1,578,876; Mar. 30.
Train-pipe connecter, Automatic. J. V. Robinson. 1,578,368; Mar. 30.
Train stop, Automatic. J. W. Gossett. 1,578,984; Mar. 30.
Transfer sheet. C. Campbell. 1,578,952; Mar. 30.
Traveling case and toilet table, Combination. R. R. Thornhill. 1,578,778; Mar. 30.
Trimming machine. C. B. Spalsbury. 1,578,293; Mar. 30.
Trousers, Preventing bagging at the knees of men's. F. Feser. 1,578,970; Mar. 30.
Truck, Dump. J. R. Boldt, S. A. Ransom, and A. W. Melion. 1,578,630; Mar. 30.
Truck, Hand. W. A. Heath. 1,578,602; Mar. 30.
Truck, Reversible. H. A. Houston and F. L. Alben. 1,578,524; Mar. 30.
Trunk, Wardrobe. B. Davidson. 1,578,959; Mar. 30.
Trunks, Locking device for. M. H. Luce. 1,578,537; Mar. 30.
Truss. L. B. Bowie. 1,579,070; Mar. 30.
Truss bolsters, King post for. E. S. Cooper and C. Baker. 1,578,398; Mar. 30.
Tubes of great strength, Apparatus for producing hooping effects in metal. N. E. Methlin. 1,578,751; Mar. 30.
Tubular processing apparatus. H. L. Rank and H. F. Frease. 1,579,030; Mar. 30.
Turbine. G. A. Schlotter. 1,578,923; Mar. 30.
Turbine, Air. J. J. Fitzgerald. 1,578,818; Mar. 30.
Turbo ventilation. D. Bratt and C. J. Fechheimer. 1,578,576; Mar. 30.
Turbo ventilation. R. E. Gilman. 1,578,510; Mar. 30.
Turbo ventilation, Fluid pressure control of. R. E. Gilman, D. Bratt, and C. J. Fechheimer. 1,578,509; Mar. 30.
Turbo ventilation utilizing baffles in air gap. D. Bratt. 1,578,577; Mar. 30.
Turnstile mechanism. F. Hedley and J. S. Doyle. 1,578,660; Mar. 30.
Twisting and spinning frames, Drive mechanism for. H. G. Beede. 1,578,798; Mar. 30.
Typewriter. K. Vondra. 1,578,300; Mar. 30.
Typewriting machine. C. B. Corcoran and A. G. F. Kurowski. 1,578,399; Mar. 30.
Typewriting machine. S. H. Farnham. 1,578,650; Mar. 30.
Typewriting machine. A. G. F. Kurowski. 1,578,446; Mar. 30.
Typewriting machine. A. G. F Kurowski. 1,579,007; Mar. 30.
Typewriting machine. J. A. B. Smith. 1,578,292; Mar. 30.
Typewriting machine. B. C. Stickney. 1,578,294; Mar. 30.
Typewriting machine. B. C. Stickney. 1,578,480; Mar. 30.
Typewriting machine. B. C. Stickney. 1,578,935; Mar. 30.
Typewriting machine. J. Waldheim. 1,578,941; Mar. 30.
Typewriting machine with power drive. C. Schüns. 1,579,151; Mar. 30.
Typewriters, Apparatus for deadening the noise of. H. R. Lutz-Russell. 1,578,608; Mar. 30.
Underreamer, Rotary. J. M. Bateman. 1,578,574; Mar. 30.
Upholstery strip. W. H. Eyster. 1,578,413; Mar. 30.
Urinal. J. K. Pennington. 1,578,847; Mar. 30.
Valve. J. A. Elliott. 1,579,096; Mar. 30.
Valve. L. I. Keitz. 1,578,443; Mar. 30.
Valve. W. Schwemlein. 1,578,766; Mar. 30.
Valve, Automatic shut-off. A. J. Walsh. 1,578,872; Mar. 30.
Valve, Dry-pipe. J. W. Yates. 1,579,189; Mar. 30.
Valve for rock drills, Throttle. L. C. Bayles. 1,578,383; Mar. 30.
Valve for water, steam, air, gases, oils, and other fluids. H. C. Nixon. 1,578,349; Mar. 30.
Valve, Gate. E. D. Westrip. 1,578,695; Mar. 30.
Valve gear. J. H. Alter. 1,578,249; Mar. 30.
Valve, Multiple operating. F. B. Leopold. 1,578,669; Mar. 30.
Valve, Radiator air. J. Martens. 1,578,455; Mar. 30.
Valve-seat seal cap. J. F. McGarraban. 1,578,452; Mar. 30.
Valve, Switching. A. J. Grindle. 1,578,429; Mar. 30.
Vacuum tubes, Electrical contact for terminals of. J. H. Siemann. 1,579,156; Mar. 30.
Vanity case. C. A. Hedden. 1,578,435; Mar. 30.
Vehicle bumper. A. Weiland. 1,579,186; Mar. 30.
Vehicle of the type known as a tank. L. H. Campbell and E. F. Norelius. 1,578,310; Mar. 30.
Vehicle propelling means. M. A. Estes. 1,578,883; Mar. 30.
Vehicle spring. J. A. Tidmore. 1,578,297; Mar. 30.
Vehicle springs, Clip for. C. A. Lincoln. 1,578,534; Mar. 30.
Vehicle transmissions, Attachment for motor-. C. G. G. Bergstrom. 1,579,064; Mar. 30.
Vehicle wheel having detachable side ring, Road-. T. Westley. 1,579,045; Mar. 30.
Vehicle wheel having detachable tire, Road-. T. Westley. 1,579,044; Mar. 30.
Vehicle window-control mechanism. S. W. Nicholson. 1,578,347; Mar. 30.
Vehicles, Brake mechanism for motor road. J. A. Miller and W. D. Miller. 1,578,459; Mar. 30.
Vehicles, Bumper support for. H. S. Clark. 1,578,956; Mar. 30.
Vehicles, Chassis construction for motor. M. Walter. 1,578,302; Mar. 30.
Vehicles, Cushioned support for the units of a motor. A. F. Masury, A. H. Leipert, and C. Saurer. 1,578,673; Mar. 30.
Vehicles, Foot fuel control for motor. W. M. Thomas. 1,578,868; Mar. 30.
Vehicles, Fuel-supply system for motor. O. R. Grass. 1,578,985; Mar. 30.
Vehicles, Running gear for. S. G. Barnard. 1,578,705; Mar. 30.
Vehicles, Suspension for. C. Amedee-Mannheim. 1,578,308; Mar. 30.
Vending machine. M. Bunn and B. C. Robertson 1,578,640; Mar. 30.
Vending machine. L. J. Disser, sr. 1,578,270; Mar. 30.
Vending machine. C. G. Graves. 1,578,986; Mar. 30.
Ventilating, heating, cooling, humidifying and evaporating apparatus. R. J. Krause. 1,578,530; Mar. 30.
Ventilation system. W. H. Mottershall. 1,578,747; Mar. 30.
Violins and like stringed instruments, Finger board of. C. E. C. J. Manby. 1,578,744; Mar. 30.
Viscose, Manufacture of. H. Dreyfus. 1,578,588; Mar. 30.
Vise-post lock. A. A. Koch. 1,579,002; Mar. 30.
Vitrified composition, Making. F. Richard. 1,579,032; Mar. 30.
Volt-ampere meter. D. J. Angus. 1,578,571; Mar. 30.
Volume-regulator gauge. P. Hoffman. 1,578,440; Mar. 30.
Wabbler. H. C. Inslee. 1,578,664; Mar. 30.
Wall and constructing same, Composite. H. E. Squire. 1,578,861; Mar. 30.
Wall construction. F. E. Gladwin. 1,578,511; Mar. 30.
Washbasin. A. Rogers. 1,578,849; Mar. 30.
Washing machine. C. E. Reddig. 1,578,683; Mar. 30.
Washing-machine-operating machine. W. H. Voss. 1,578,564; Mar. 30.
Washing machines, Coin-controlled metering device for. F. J. Goggins. 1,578,655; Mar. 30.
Watch. M. H. Levy and H. Wander. 1,578,607; Mar. 30.
Watch-protecting case. R. Remmler. 1,578,759; Mar. 30.
Water, Device for looking under. J. Daoust. 1,578,958; Mar. 30.
Water-gas apparatus. H. Wood. 1,578,306; Mar. 30.
Water motor. W. E. Richardson. 1,579,146; Mar. 30.
Waterproofing construction. H. C. Innes. 1,578,663; Mar. 30.
Water-tube connection. G. G. Tuttle. 1,579,041; Mar. 30.
Waxer and polisher, Floor. J. T. Garton. 1,578,421; Mar. 30.
Weather strip. C. F. Hoffbauer. 1,578,992; Mar. 30.
Weather strip, Automatic. J. F. Lessing. 1,578,328; Mar. 30.
Welding and cutting apparatus. R. C. Pierce. 1,578,917; Mar. 30.
Welding, Removing the burr formed in. P. M. Hall and W. Remington. 1,578,658; Mar. 30.
Well casings, Pipe-suspending device and blow-out preventer for oil-. F. Redick. 1,579,144; Mar. 30.
Well drill, Rotary. J. A. Zublin. 1,578,623; Mar. 30.
Wheel: *See*—
Friction wheel.
Wheel disk. G. H. Forsyth. 1,578,975; Mar. 30.
Wheel flanges of rail vehicles, Lubricator for the. A. Heuser. 1,579,110; Mar. 30.
Wind instruments and the like, Mute for. G. Schluesselburg. 1,578,763; Mar. 30.
Windshield-cleaning apparatus. C. F. Laganke. 1,578,531; Mar. 30.
Window and door casements, Weather stripping for. G. E. Scott. 1,578,707; Mar. 30.
Window-control mechanism. S. W. Nicholson. 1,578,348; Mar. 30.
Window construction, Roof-. D. J. Nelson. 1,579,132; Mar. 30.
Window-regulator spring assembly. E. E. Heintz. 1,578,990; Mar. 30.
Window screen. C. F. Geshickter. 1,578,277; Mar. 30.
Wire clamp. P. B. Krout. 1,579,005–6; Mar. 30.
Wire connection for electric plugs. O. Abbadini. 1,579,050; Mar. 30.
Wire-terminal connecter. J. Lake, jr. 1,579,008; Mar. 30.
Wireless apparatus, Relay arrangement for changing the tuning of. C. Schwarz. 1,578,551; Mar. 30.
Wood and the like, Process and apparatus for disintegration of. W. H. Mason. 1,578,609; Mar. 30.
Wrench: *See*—
Cylinder wrench.
Wrench. W. D. Seal. 1,579,152; Mar. 30.
Wringer mechanism, Removable. H. J. Criner. 1,578,401; Mar. 30.
Yarn guide. A. E. Byrd. 1,578,710; Mar. 30.
Yarn spinning and winding machines, Builder mechanism for. H. H. Burdett. 1,579,190; Mar. 30.

CLASSIFICATION OF PATENTS

ISSUED MARCH 30, 1926.

NOTE.—First number—class, second number—subclass, third number—patent number.

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53: 1,578,866
311: 1,579,039
146— 3: 1,579,028
21: 1,578,827
52: 1,578,355
148— 31: 1,578,706
150— 1.5: 1,578,910
33: 1,579,196
34: 1,578,778
40: 1,579,017
151— 14: 1,578,889
25: 1,578,782
50: 1,578,974
152— 12: 1,578,567
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14: 1,578,803
17: 1,578,714
20: 1,579,039
21: 1,579,045
153— 9: 1,578,649
38: 1,578,381
48: 1,578,737
154— 2: 1,578,250
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45.9: 1,578,344
155— 12: 1,578,676
57: 1,579,065
58: 1,579,136
95: 1,578,784
171: 1,579,130
180: 1,578,413
196: 1,579,176
156— 13: 1,579,134
14: 1,578,277
20: 1,578,858
37: 1,579,113
157— 6: 1,578,760
158— 3: 1,578,291
27.4: R.16,307
40: 1,579,154
42.2: 1,578,590
46.5: 1,578,985
161— 1: 1,579,133
162— 1: 1,578,978
8: 1,578,776
164— 6.6: 1,578,365
1,578,366
10.6: 1,578,247
1,578,854
23: 1,578,320
47: 1,578,293
49: 1,578,375
60: 1,578,653
73: 1,578,477

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